Sequence of queries:

First query

```
SELECT
    contact.id AS `id`
FROM
    `contact` AS `contact`
LEFT JOIN
    `entity_email_address` AS `emailAddressesMultipleMiddle`
ON
    contact.id                                = emailAddressesMultipleMiddle.entity_id
AND emailAddressesMultipleMiddle.deleted      = 0
AND emailAddressesMultipleMiddle.entity_type = 'Contact'
LEFT JOIN
    `email_address` AS `emailAddressesMultiple`
ON
    emailAddressesMultiple.id       = emailAddressesMultipleMiddle.email_address_id
AND emailAddressesMultiple.deleted = 0
WHERE
    (
        (
            (
                contact.first_name = 'J (Klop)')
        AND (
                contact.last_name = 'Klaterflap'))
    OR (
            (
                emailAddressesMultiple.lower = LOWER('hans@dykema.nl'))))
AND contact.deleted                           = 0
LIMIT 0, 1
```

id
66db927c2f02ae727

1 rij (0.029 s) Bewerk, Explain, Exporteren

id?	select_type?	table?	type?	possible_keys?	key?	key_len?	ref?	rows?	Extra?
1	SIMPLE	contact	ALL	IDX_FIRST_NAME,IDX_NAME,IDX_SYSTEM_FULL_TEXT_SEARCH	*NULL*	*NULL*	*NULL*	924	Using where
1	SIMPLE	emailAddressesMultipleMiddle	ref	UNIQ_ENTITY_ID_EMAIL_ADDRESS_ID_ENTITY_TYPE,IDX_ENTITY_ID	IDX_ENTITY_ID	75	nvkhcrm.contact.id	1	Using where
1	SIMPLE	emailAddressesMultiple	eq_ref	PRIMARY	PRIMARY	74	nvkhcrm.emailAddressesMultipleMiddle.email_address_id	1	Using where

Second Query

```
SELECT
    contact.id AS `id`
FROM
    `contact` AS `contact`
LEFT JOIN
    `entity_email_address` AS `emailAddressesMultipleMiddle`
ON
    contact.id                                = emailAddressesMultipleMiddle.entity_id
AND emailAddressesMultipleMiddle.deleted      = 0
AND emailAddressesMultipleMiddle.entity_type = 'Contact'
LEFT JOIN
    `email_address` AS `emailAddressesMultiple`
ON
    emailAddressesMultiple.id       = emailAddressesMultipleMiddle.email_address_id
AND emailAddressesMultiple.deleted = 0
WHERE
    (
        (
            (
                contact.first_name = 'J (Klop)')
        AND (
                contact.last_name = 'Klaterflap'))
    OR (
            (
                emailAddressesMultiple.lower = LOWER('hans@dykema.nl'))))
AND contact.deleted                           = 0
LIMIT 0, 1
```

id
66db927c2f02ae727

1 rij (0.029 s) Bewerk, Explain, Exporteren

id?	select_type?	table?	type?	possible_keys?	key?	key_len?	ref?	rows?	Extra?
1	SIMPLE	contact	ALL	IDX_FIRST_NAME,IDX_NAME,IDX_SYSTEM_FULL_TEXT_SEARCH	*NULL*	*NULL*	*NULL*	924	Using where
1	SIMPLE	emailAddressesMultipleMiddle	ref	UNIQ_ENTITY_ID_EMAIL_ADDRESS_ID_ENTITY_TYPE,IDX_ENTITY_ID	IDX_ENTITY_ID	75	nvkhcrm.contact.id	1	Using where
1	SIMPLE	emailAddressesMultiple	eq_ref	PRIMARY	PRIMARY	74	nvkhcrm.emailAddressesMultipleMiddle.email_address_id	1	Using where

Third query

nieuw 1 | nieuw 2 | nieuw 3 | upgrade_test_script.js | nieuw 4 | nieuw 5 | nieuw 6 | nieuw 7 | nieuw 8 | nieuw 9 | duplicate-queries-with-patch.log

```
SELECT
    contact.id AS `id`, REPLACE(NULLIF(TRIM(CONCAT(IFNULL(contact.first_name, ''), ' ', IFNULL(contact.middle_name, ''), ' ',
    IFNULL(contact.last_name, '')), ''), ' ', ' ') AS `name`, contact.deleted AS `deleted`, contact.salutation_name AS `salutationName`,
    contact.first_name AS `firstName`, contact.last_name AS `lastName`, accountContactPrimary.role AS `title`, contact.description AS `description`,
    emailAddresses.name AS `emailAddress`, phoneNumbers.name AS `phoneNumber`, contact.do_not_call AS `doNotCall`, contact.address_street AS `addressStreet`,
    contact.address_city AS `addressCity`, contact.address_state AS `addressState`, contact.address_country AS `addressCountry`,
    contact.address_postal_code AS `addressPostalCode`,
    accountContactPrimary.is_inactive AS `accountIsInactive`, account.type AS `accountType`, contact.created_at AS `createdAt`, contact.modified_at AS `modifiedAt`,
    portalUser.id IS NOT NULL AS `hasPortalUser`, contact.agbcode AS `agbcode`, contact.rbcznummer AS `rbcznummer`, contact.m_b_k_datum AS `mBKDatum`,
    contact.m_code AS `mCode`, contact.geboortedatum AS `geboortedatum`, contact.datum_registratie AS `datumRegistratie`, contact.balens AS `balens`,
    contact.regiocode AS `regiocode`, contact.einddatum AS `einddatum`, contact.vakopleiding_datum_diploma AS `vakopleidingDatumDiploma`, contact.datum_v_o_g AS `datumVOG`,
    contact.geslacht AS `geslacht`, contact.initials_name AS `initialsName`, contact.dispensatie AS `dispensatie`, contact.website AS `website`,
    contact.lidnummer AS `lidnummer`, contact.quasier AS `quasier`, contact.geplande_afstudeerdatum AS `geplandeAfstudeerdatum`, contact.nascholingstotalen_herberekenen AS `nascholingstotalenHerberekenen`,
    contact.labels AS `labels`, contact.uitleg_nascholings_berekening AS `uitlegNascholingsBerekening`, contact.nascholing_onvoldoende AS `nascholingOnvoldoende`,
    contact.survey_id AS `surveyId`,
    contact.nick_name AS `nickName`, contact.aantekening AS `aantekening`, contact.middle_name AS `middleName`, emailAddresses.opt_out AS `emailAddressIsOptedOut`,
    emailAddresses.invalid AS `emailAddressIsInvalid`, phoneNumbers.opt_out AS `phoneNumberIsOptedOut`, phoneNumbers.invalid AS `phoneNumberIsInvalid`, contact.account_id AS `accountId`,
    account.name AS `accountName`, contact.campaign_id AS `campaignId`, campaign.name AS `campaignName`, contact.created_by_id AS `createdById`,
    REPLACE(NULLIF(TRIM(CONCAT(IFNULL(createdBy.first_name, ''), ' ', IFNULL(createdBy.middle_name, ''), ' ',
    IFNULL(createdBy.last_name, ''))), ''), ' ', ' ') AS `createdByName`, contact.modified_by_id AS `modifiedById`,
    REPLACE(NULLIF(TRIM(CONCAT(IFNULL(modifiedBy.first_name, ''), ' ', IFNULL(modifiedBy.middle_name, ''), ' ', IFNULL(modifiedBy.last_name, ''))), ''), ' ', ' ') AS `modifiedByName`,
    contact.assigned_user_id AS `assignedUserId`,
    REPLACE(NULLIF(TRIM(CONCAT(IFNULL(assignedUser.first_name, ''), ' ', IFNULL(assignedUser.middle_name, ''), ' '      IFNULL(assignedUser.last_name, ''))), ''), ' ', ' ') AS `assignedUserName`, portalUser.id AS `portalUserId`,
    REPLACE(NULLIF(TRIM(CONCAT(IFNULL(portalUser.first_name, ''), ' ', IFNULL(portalUser.middle_name, ''), ' ', IFNULL(portalUser.last_name, ''))), ''), ' ', ' ') AS `portalUserName`, originalLead.id AS `originalLeadId`,
    REPLACE(NULLIF(TRIM(CONCAT(IFNULL(originalLead.first_name, ''), ' ', IFNULL(originalLead.middle_name, ''), ' ',
    IFNULL(originalLead.last_name, ''))), ''), ' ', ' ') AS `originalLeadName`,
    contact.m_b_k_diploma_id AS `mBKDiplomaId`, mBKDiploma.name AS `mBKDiplomaName`, contact.vakopleiding_id AS `vakopleidingId`,
    vakopleiding.name AS `vakopleidingName`, contact.diploma_vakopleiding_id AS `diplomaVakopleidingId`,
    diplomaVakopleiding.name AS `diplomaVakopleidingName`, contact.v_o_g_id AS `vOGId`,
    vOG.name AS `vOGName`
FROM     `contact` AS `contact`
LEFT JOIN `attachment` AS `mBKDiploma` ON contact.m_b_k_diploma_id = mBKDiploma.id
LEFT JOIN `attachment` AS `diplomaVakopleiding` ON contact.diploma_vakopleiding_id = diplomaVakopleiding.id
LEFT JOIN `attachment` AS `vOG` ON contact.v_o_g_id = vOG.id
LEFT JOIN `vakopleiding` AS `vakopleiding` ON contact.vakopleiding_id = vakopleiding.id
LEFT JOIN `lead` AS `originalLead` ON contact.id          = originalLead.created_contact_id
AND originalLead.deleted = 0
LEFT JOIN `campaign` AS `campaign` ON contact.campaign_id = campaign.id
LEFT JOIN `account` AS `account` ON contact.account_id = account.id
LEFT JOIN `user` AS `assignedUser` ON contact.assigned_user_id = assignedUser.id
LEFT JOIN `user` AS `modifiedBy` ON contact.modified_by_id = modifiedBy.id
LEFT JOIN `user` AS `createdBy` ON contact.created_by_id = createdBy.id
LEFT JOIN `entity_email_address` AS `emailAddressesMultipleMiddle` ON contact.id                    = emailAddressesMultipleMiddle.entity_id
AND emailAddressesMultipleMiddle.deleted     = 0
AND emailAddressesMultipleMiddle.entity_type = 'Contact'
LEFT JOIN `email_address` AS `emailAddressesMultiple` ON emailAddressesMultiple.id      = emailAddressesMultipleMiddle.email_address_id
AND emailAddressesMultiple.deleted = 0
LEFT JOIN `account_contact` AS `accountContactPrimary` ON contact.id                   = accountContactPrimary.contact_id
AND contact.account_id            = accountContactPrimary.account_id
AND accountContactPrimary.deleted = 0
LEFT JOIN `entity_email_address` AS `emailAddressesMiddle` ON contact.id                      = emailAddressesMiddle.entity_id
AND emailAddressesMiddle.deleted     = 0
AND emailAddressesMiddle.primary     = 1
AND emailAddressesMiddle.entity_type = 'Contact'
LEFT JOIN `email_address` AS `emailAddresses` ON emailAddresses.id      = emailAddressesMiddle.email_address_id
AND emailAddresses.deleted = 0
LEFT JOIN `entity_phone_number` AS `phoneNumbersMiddle` ON contact.id                     = phoneNumbersMiddle.entity_id
AND phoneNumbersMiddle.deleted     = 0
AND phoneNumbersMiddle.primary     = 1
AND phoneNumbersMiddle.entity_type = 'Contact'
LEFT JOIN `phone_number` AS `phoneNumbers` ON phoneNumbers.id      = phoneNumbersMiddle.phone_number_id
AND phoneNumbers.deleted = 0
LEFT JOIN `user` AS `portalUser` ON contact.id         = portalUser.contact_id
AND portalUser.deleted = 0
WHERE
    contact.id IN ('66db927c2f02ae727')
AND (
        (
            (
                contact.first_name = 'J (Klop)')
        AND (
                contact.last_name = 'Klaterflap'))
    OR (
            (
                emailAddressesMultiple.lower = LOWER('hans@dykema.nl'))))
AND contact.deleted                          = 0
LIMIT 0, 5
```

I see that you've included a 'contact in (<set>)' condition?

```
SELECT
    contact.id AS `id`, REPLACE(NULLIF(TRIM(CONCAT(IFNULL(contact.first_name, ''), ' ', IFNULL(contact.middle_name, ''), ' ',
    IFNULL(contact.last_name, '')), ''), ' ', ' ') AS `name`, contact.deleted AS `deleted`, contact.salutation_name AS `salutationName`,
    contact.first_name AS `firstName`, contact.last_name AS `lastName`, accountContactPrimary.role AS `title`, contact.description AS `description`,
    emailAddresses.name AS `emailAddress`, phoneNumbers.name AS `phoneNumber`, contact.do_not_call AS `doNotCall`, contact.address_street AS `addressStreet`,
    contact.address_city AS `addressCity`, contact.address_state AS `addressState`, contact.address_country AS `addressCountry`,
    contact.address_postal_code AS `addressPostalCode`,
    accountContactPrimary.is_inactive AS `accountIsInactive`, account.type AS `accountType`, contact.created_at AS `createdAt`, contact.modified_at AS `modifiedAt`,
    portalUser.id IS NOT NULL AS `hasPortalUser`, contact.agbcode A.
```

id	name	deleted	salutationName	firstName	lastName	title	description	emailAddress	phoneNumber	doNotCall	addressStreet	addressCity	addressState	addressCountry	addressPostalCode	accountIsInactive	accountType	createdAt	modifiedAt	hasPortalUs
66db927c2f02ae727	J (Jonk) jop Joken	0	*NULL*	J (Jonk)	Joken	*NULL*	*NULL*	hans@dykema.nl	*NULL*	0	*NULL*	*NULL*	*NULL*	*NULL*	*NULL*	0	P1	2024-09-06 23:38:36	2024-09-06 23:40:47	1

1 rij (0.022 s.), Explain, Exporteren

id?	select_type?	table?	type?	possible_keys?	key?	key_len?	ref?	rows?	Extra?
1	SIMPLE	contact	const	PRIMARY,IDX_FIRST_NAME,IDX_NAME,IDX_SYSTEM_FULL_TEXT_SEARCH	PRIMARY	74	const	1	
1	SIMPLE	vakopleiding	const	PRIMARY	*NULL*	*NULL*	*NULL*	1	
1	SIMPLE	campaign	const	PRIMARY	*NULL*	*NULL*	*NULL*	1	
1	SIMPLE	mBKDiploma	ALL	*NULL*	*NULL*	*NULL*	*NULL*	12461	Using where
1	SIMPLE	diplomaVakopleiding	ALL	*NULL*	*NULL*	*NULL*	*NULL*	12461	Using where; Using join buffer (flat, BNL join)
1	SIMPLE	vOG	ALL	*NULL*	*NULL*	*NULL*	*NULL*	12461	Using where; Using join buffer (incremental, BNL join)
1	SIMPLE	originalLead	ref	IDX_CREATED_CONTACT_ID	IDX_CREATED_CONTACT_ID	75	const	1	Using where
1	SIMPLE	account	eq_ref	PRIMARY	PRIMARY	74	const	1	Using where
1	SIMPLE	assignedUser	eq_ref	PRIMARY	PRIMARY	74	const	1	Using where
1	SIMPLE	modifiedBy	eq_ref	PRIMARY	PRIMARY	74	const	1	Using where
1	SIMPLE	createdBy	eq_ref	PRIMARY	PRIMARY	74	const	1	Using where
1	SIMPLE	emailAddressesMultipleMiddle	ref	UNIQ_ENTITY_ID_EMAIL_ADDRESS_ID_ENTITY_TYPE.IDX_ENTITY_ID	UNIQ_ENTITY_ID_EMAIL_ADDRESS_ID_ENTITY_TYPE	75	const	1	Using where
1	SIMPLE	emailAddressesMultiple	eq_ref	PRIMARY	PRIMARY	74	nvkhcrm.emailAddressesMultipleMiddle.email_address_id	1	Using where
1	SIMPLE	accountContactPrimary	ref|filter	UNIQ_ACCOUNT_ID_CONTACT_ID.IDX_ACCOUNT_ID.IDX_CONTACT_ID	IDX_ACCOUNT_ID|IDX_CONTACT_ID	75|75	const	1 (0%)	Using where; Using rowid filter
1	SIMPLE	emailAddressesMiddle	ref	UNIQ_ENTITY_ID_EMAIL_ADDRESS_ID_ENTITY_TYPE.IDX_ENTITY_ID	UNIQ_ENTITY_ID_EMAIL_ADDRESS_ID_ENTITY_TYPE	75	const	1	Using where
1	SIMPLE	emailAddresses	eq_ref	PRIMARY	PRIMARY	74	nvkhcrm.emailAddressesMiddle.email_address_id	1	Using where
1	SIMPLE	phoneNumbersMiddle	ref	UNIQ_ENTITY_ID_PHONE_NUMBER_ID_ENTITY_TYPE.IDX_ENTITY_ID	UNIQ_ENTITY_ID_PHONE_NUMBER_ID_ENTITY_TYPE	75	const	1	Using where
1	SIMPLE	phoneNumbers	eq_ref	PRIMARY	PRIMARY	74	nvkhcrm.phoneNumbersMiddle.phone_number_id	1	Using where
1	SIMPLE	portalUser	ref	IDX_CONTACT_ID	IDX_CONTACT_ID	75	const	1	Using where

```
SELECT
    contact.id AS `id`, REPLACE(NULLIF(TRIM(CONCAT(IFNULL(contact.first_name, ''), ' ', IFNULL(contact.middle_name, ''), ' ',
    IFNULL(contact.last_name, '')), ''), ' ', ' ') AS `name`, contact.deleted AS `deleted`, contact.salutation_name AS `salutationName`,
    contact.first_name AS `firstName`, contact.last_name AS `lastName`, accountContactPrimary.role AS `title`, contact.description AS `description`,
    emailAddresses.name AS `emailAddress`, phoneNumbers.name AS `phoneNumber`, contact.do_not_call AS `doNotCall`, contact.address_street AS `addressStreet`,
    contact.address_city AS `addressCity`, contact.address_state AS `addressState`, contact.address_country AS `addressCountry`,
    contact.address_postal_code AS `addressPostalCode`,
    accountContactPrimary.is_inactive AS `accountIsInactive`, account.type AS `accountType`, contact.created_at AS `createdAt`, contact.modified_at AS `modifiedAt`,
    portalUser.id IS NOT NULL AS `hasPortalUser`, contact.agbcode AS `agbcode`, contact.rbcznummer AS `rbcznummer`, contact.m_b_k_datum AS `mBKDatum`,
    contact.m_code AS `mCode`, contact.geboortedatum AS `geboortedatum`, contact.datum_registratie AS `datumRegistratie`, contact.balens AS `balens`,
    contact.regiocode AS `regiocode`, contact.einddatum AS `einddatum`, contact.vakopleiding_datum_diploma AS `vakopleidingDatumDiploma`, contact.datum_v_o_g AS `datumVOG`,
```