Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102720\
Data File : PO072836.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2020 21:01
Operator : DD\AJ
Sample : L4214-08
Misc : AR1660 LOQ 50 PPB
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
LOQ-WATER-02-QT4-2020

**Manual Integrations APPROVED**
Ankita
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 07:36:26 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102620.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 27 16:48:42 2020
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| | Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|---|---|---|---|---|---|---|---|
| | System Monitoring Compounds | | | | | | |
| 1) | SA Tetrachlo... | 4.949 | 4.022 | 901958 | 641610 | 19.562 | 18.307 |
| 2) | SA Decachlor... | 10.982 | 9.308 | 870467 | 833227 | 23.561 | 24.985 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 6.271 | 5.275 | 108362 | 77244 | 63.478 | 53.812 |
| 4) | L1 AR-1016-2 | 6.296 | 5.296 | 147000 | 103503 | 62.307 | 53.492 |
| 5) | L1 AR-1016-3 | 6.362 | 5.486 | 93985 | 56868 | 65.137 | 54.236 |
| 6) | L1 AR-1016-4 | 6.470 | 5.539 | 76906 | 50967 | 65.459 | 58.827 |
| 7) | L1 AR-1016-5 | 6.786 | 5.766 | 71506 | 62686 | 66.646 | 58.330 |
| 31) | L7 AR-1260-1 | 7.966 | 6.858 | 136442 | 115726 | 73.362 | 58.197m |
| 32) | L7 AR-1260-2 | 8.231 | 7.054 | 146531 | 146772 | 64.469m | 58.577m |
| 33) | L7 AR-1260-3 | 8.598 | 7.209 | 108285 | 132940 | 63.153m | 60.313 |
| 34) | L7 AR-1260-4 | 8.829 | 7.691 | 137450 | 118833 | 68.808 | 64.568 |
| 35) | L7 AR-1260-5 | 9.157 | 7.937 | 281978 | 283617 | 69.518 | 64.530 |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102720\
Data File : PO072836.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 27 Oct 2020 21:01
Operator : DD\AJ
Sample : L4214-08
Misc : AR1660 LOQ 50 PPB
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
LOQ-WATER-02-QT4-2020

**Manual Integrations APPROVED**
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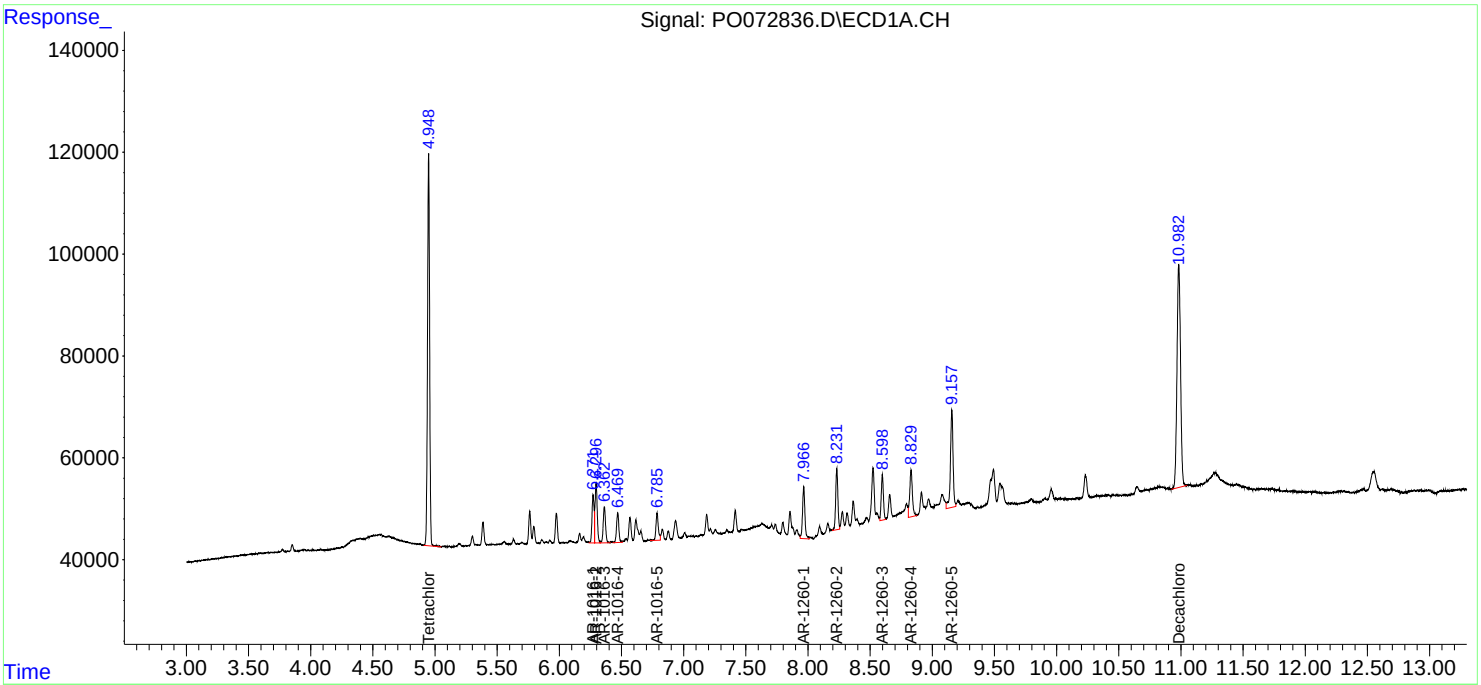
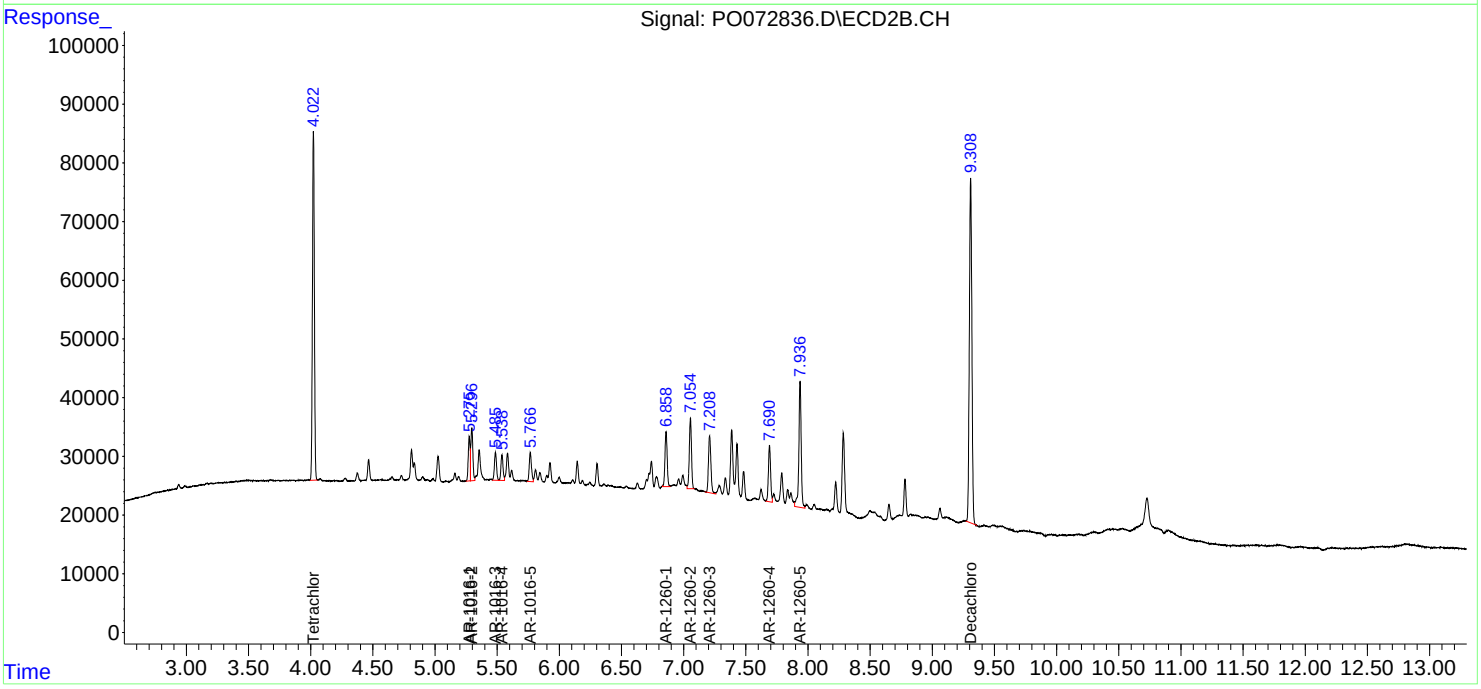
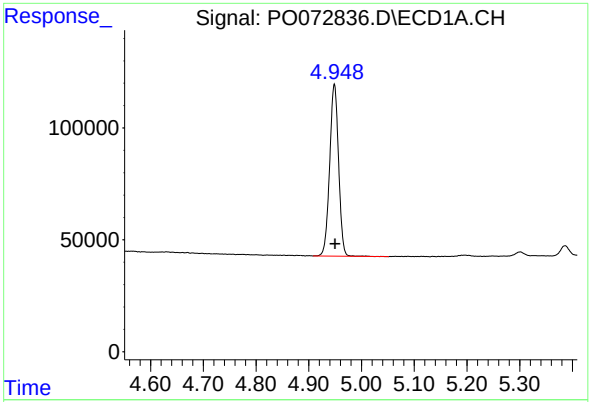
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 07:36:26 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102620.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 27 16:48:42 2020
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm






#1 Tetrachloro-m-xylene

R.T.: 4.949 min
Delta R.T.: -0.001 min
Response: 901958
Conc: 19.56 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOQ-WATER-02-QT4-2020

**Manual Integrations APPROVED**
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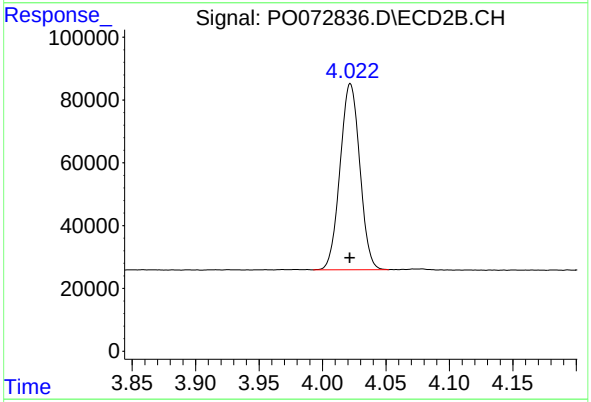
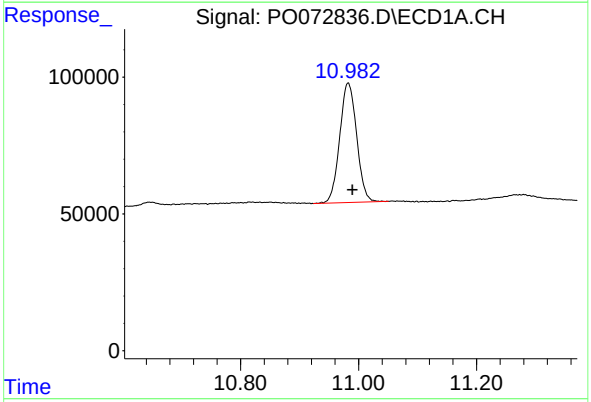


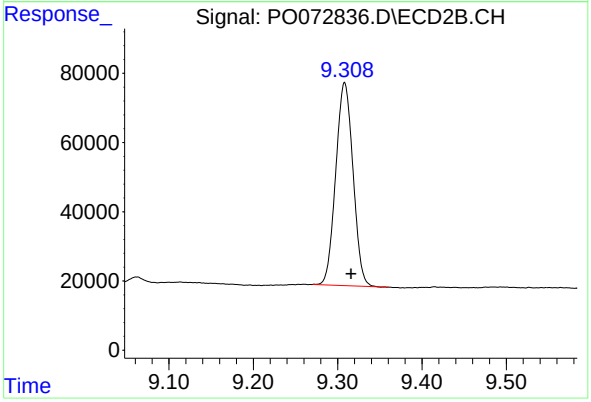

#1 Tetrachloro-m-xylene

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 641610
Conc: 18.31 ng/ml



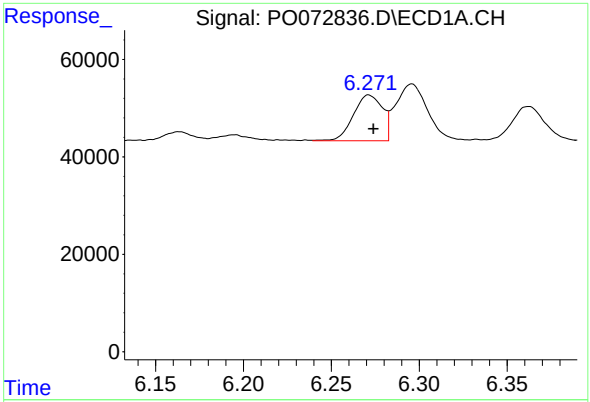

#2 Decachlorobiphenyl

R.T.: 10.982 min
Delta R.T.: -0.007 min
Response: 870467
Conc: 23.56 ng/ml




#2 Decachlorobiphenyl

R.T.: 9.308 min
Delta R.T.: -0.008 min
Response: 833227
Conc: 24.99 ng/ml




#3 AR-1016-1

R.T.: 6.271 min
Delta R.T.: -0.002 min
Response: 108362
Conc: 63.48 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOQ-WATER-02-QT4-2020

**Manual Integrations APPROVED**
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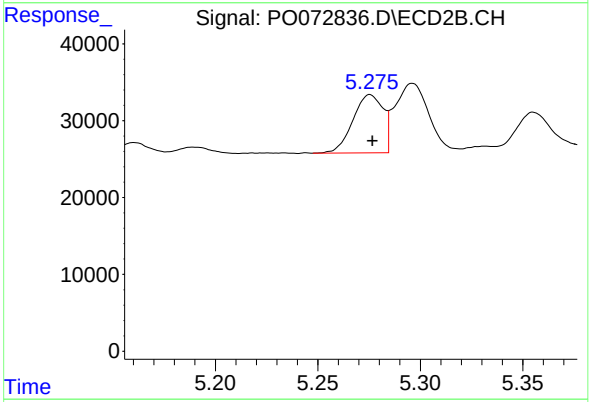
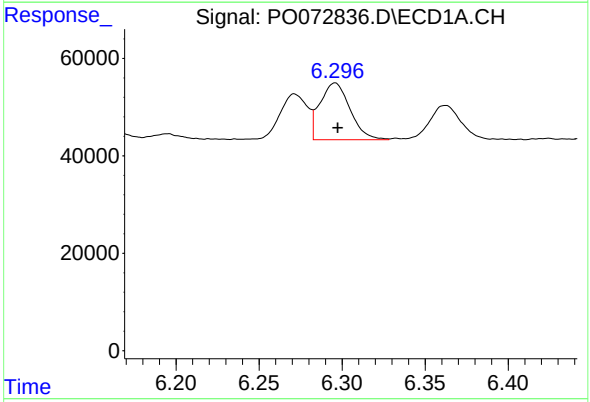


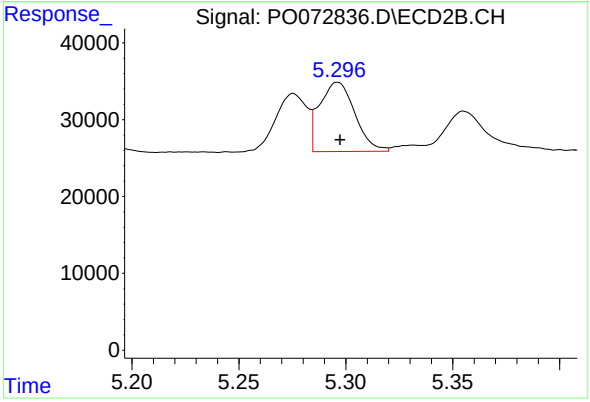

#3 AR-1016-1

R.T.: 5.275 min
Delta R.T.: -0.001 min
Response: 77244
Conc: 53.81 ng/ml



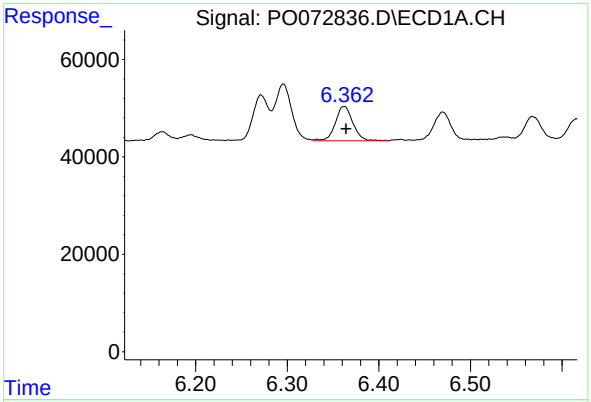

#4 AR-1016-2

R.T.: 6.296 min
Delta R.T.: -0.002 min
Response: 147000
Conc: 62.31 ng/ml




#4 AR-1016-2

R.T.: 5.296 min
Delta R.T.: -0.001 min
Response: 103503
Conc: 53.49 ng/ml




#5 AR-1016-3

R.T.: 6.362 min
Delta R.T.: -0.002 min
Response: 93985
Conc: 65.14 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOQ-WATER-02-QT4-2020

**Manual Integrations APPROVED**
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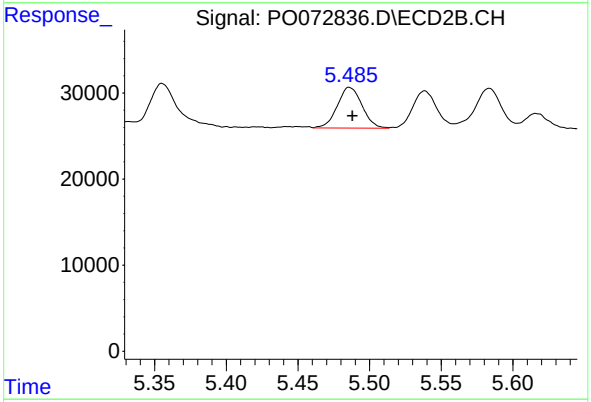
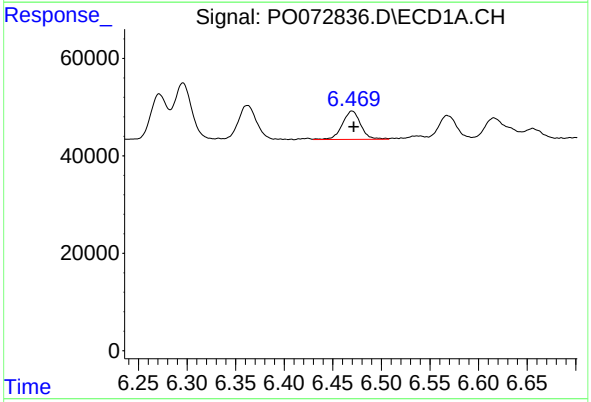


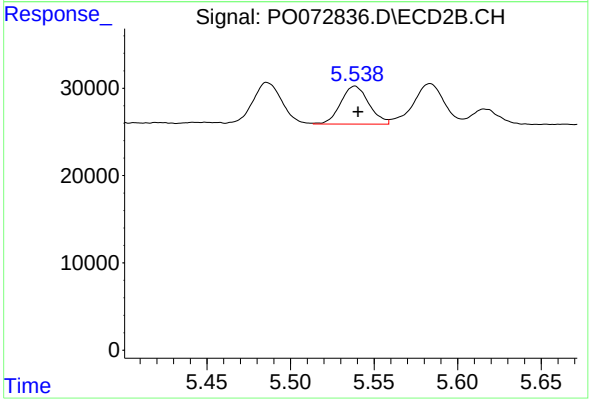

#5 AR-1016-3

R.T.: 5.486 min
Delta R.T.: -0.002 min
Response: 56868
Conc: 54.24 ng/ml



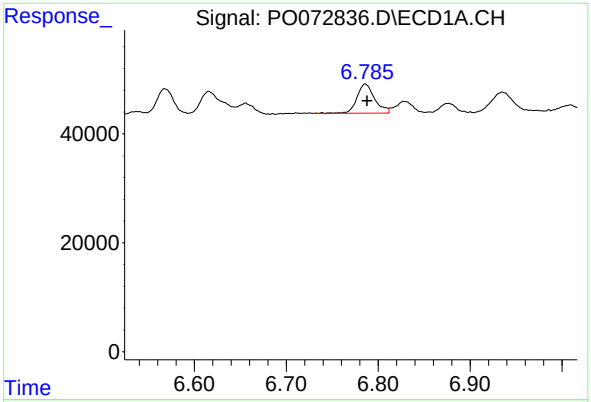

#6 AR-1016-4

R.T.: 6.470 min
Delta R.T.: -0.002 min
Response: 76906
Conc: 65.46 ng/ml




#6 AR-1016-4

R.T.: 5.539 min
Delta R.T.: -0.002 min
Response: 50967
Conc: 58.83 ng/ml




#7 AR-1016-5

R.T.: 6.786 min
Delta R.T.: -0.002 min
Response: 71506
Conc: 66.65 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOQ-WATER-02-QT4-2020

**Manual Integrations APPROVED**
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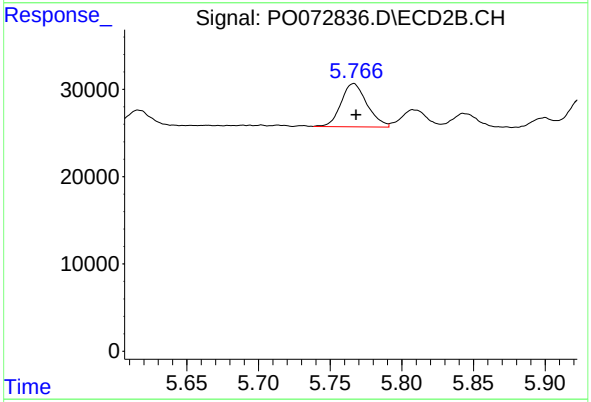
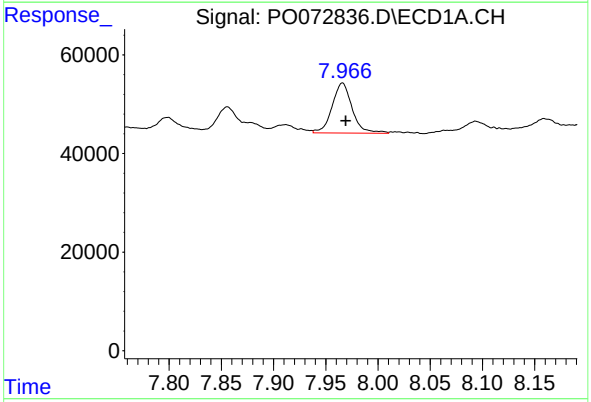


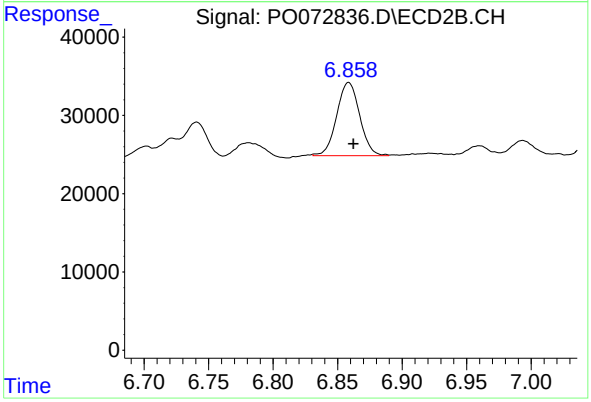

#7 AR-1016-5

R.T.: 5.766 min
Delta R.T.: -0.002 min
Response: 62686
Conc: 58.33 ng/ml



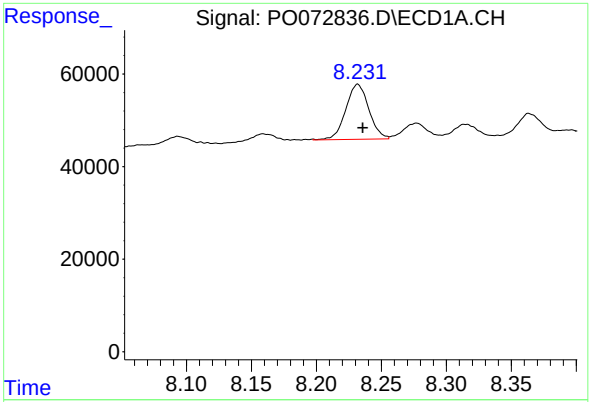

#31 AR-1260-1

R.T.: 7.966 min
Delta R.T.: -0.003 min
Response: 136442
Conc: 73.36 ng/ml




#31 AR-1260-1

R.T.: 6.858 min
Delta R.T.: -0.004 min
Response: 115726
Conc: 58.20 ng/ml m




#32 AR-1260-2

R.T.: 8.231 min
Delta R.T.: -0.004 min
Response: 146531
Conc: 64.47 ng/ml m

**Instrument :**
ECD_O
**ClientSampleId :**
LOQ-WATER-02-QT4-2020

**Manual Integrations APPROVED**
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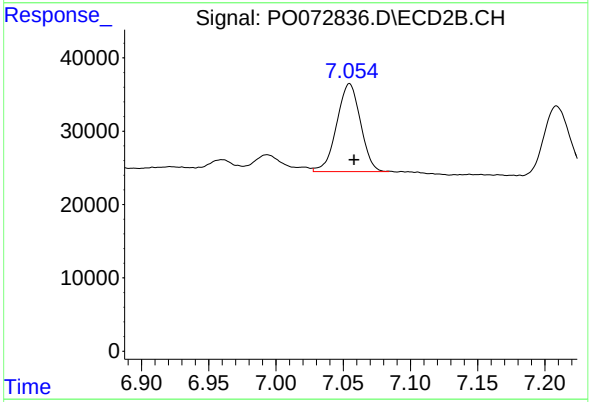
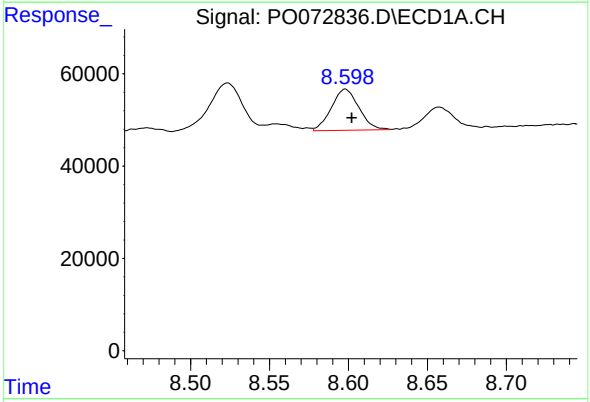


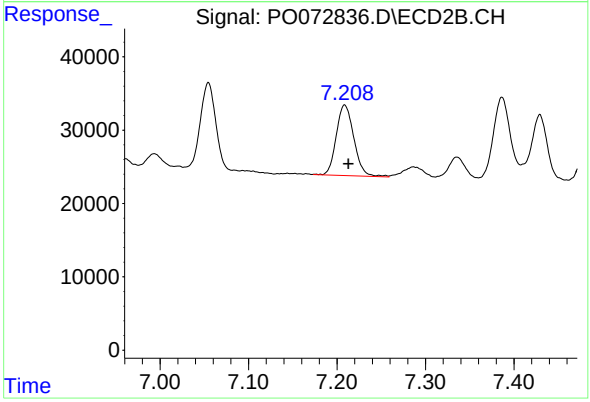

#32 AR-1260-2

R.T.: 7.054 min
Delta R.T.: -0.004 min
Response: 146772
Conc: 58.58 ng/ml m



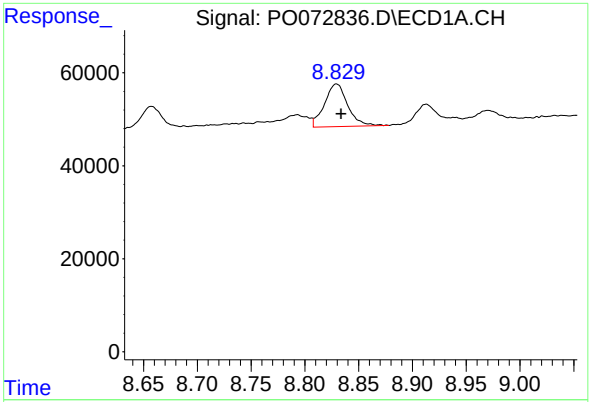

#33 AR-1260-3

R.T.: 8.598 min
Delta R.T.: -0.005 min
Response: 108285
Conc: 63.15 ng/ml m




#33 AR-1260-3

R.T.: 7.209 min
Delta R.T.: -0.004 min
Response: 132940
Conc: 60.31 ng/ml




#34 AR-1260-4

R.T.: 8.829 min
Delta R.T.: -0.004 min
Response: 137450
Conc: 68.81 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
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**Manual Integrations APPROVED**
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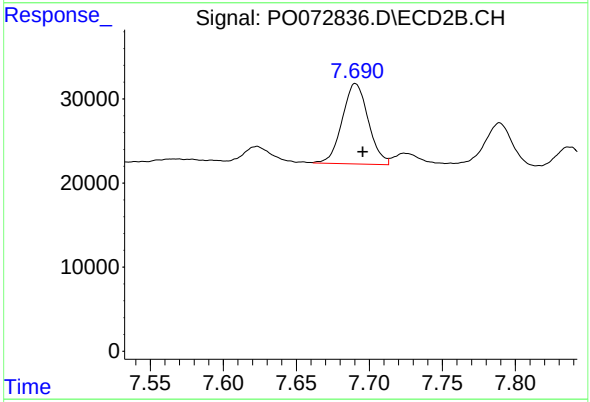
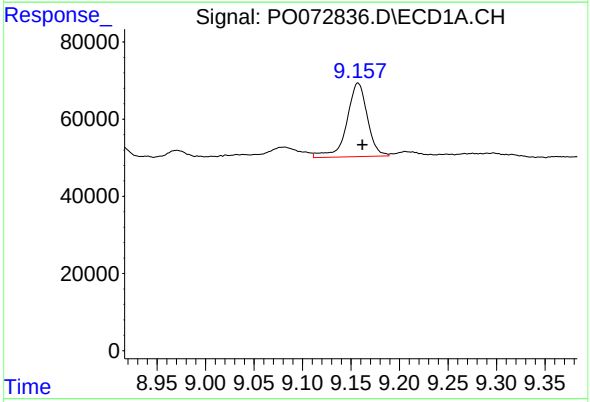


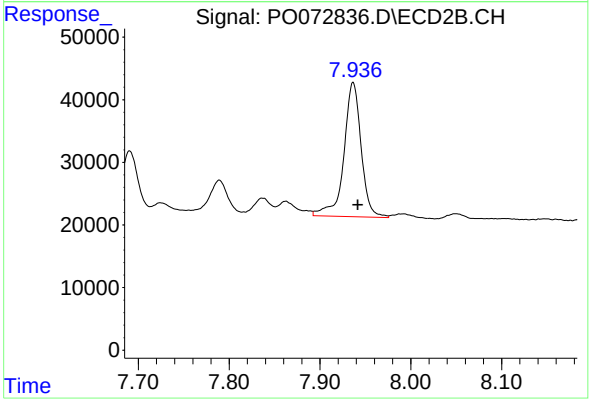

#34 AR-1260-4

R.T.: 7.691 min
Delta R.T.: -0.005 min
Response: 118833
Conc: 64.57 ng/ml




#35 AR-1260-5

R.T.: 9.157 min
Delta R.T.: -0.004 min
Response: 281978
Conc: 69.52 ng/ml




#35 AR-1260-5

R.T.: 7.937 min
Delta R.T.: -0.005 min
Response: 283617
Conc: 64.53 ng/ml