Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO040519\
Data File : PO054993.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2019 21:32
Operator : SM/SJ
Sample : K1560-07
Misc : AR1660 LOD 40PPB
ALS Vial : 31 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT1-2019

**Manual Integrations APPROVED**
Sohil
4/8/2019 5:24:37 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 04:01:51 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO032519.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Mar 25 17:22:26 2019
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... | 4.297 | 3.608 | 873389 | 775676 | 25.166 | 24.306m |
| 2) | SA Decachlor... | 9.911 | 8.578 | 1067480 | 746130 | 21.654 | 23.428 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.458 | 4.686 | 103310 | 90566 | 57.413 | 57.270m |
| 4) | L1 AR-1016-2 | 5.480 | 4.706 | 138696 | 116950 | 55.843 | 54.580 |
| 5) | L1 AR-1016-3 | 5.541 | 4.880 | 94188 | 64968 | 59.868 | 53.772 |
| 6) | L1 AR-1016-4 | 5.639 | 4.921 | 73838 | 54040 | 56.664 | 53.477 |
| 7) | L1 AR-1016-5 | 5.932 | 5.132 | 80620 | 73614 | 60.423 | 56.478m |
| 31) | L7 AR-1260-1 | 7.050 | 6.159 | 171152 | 151094 | 68.116 | 65.748 |
| 32) | L7 AR-1260-2 | 7.308 | 6.345 | 201623 | 183368 | 64.966 | 66.613m |
| 33) | L7 AR-1260-3 | 7.665 | 6.499 | 145968 | 168118 | 59.473 | 65.215m |
| 34) | L7 AR-1260-4 | 7.890 | 6.968 | 163265 | 135296 | 59.025 | 63.574m |
| 35) | L7 AR-1260-5 | 8.199 | 7.207 | 280858 | 272313 | 50.618 | 56.859 |

(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\PO040519\
Data File : PO054993.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Apr 2019 21:32
Operator : SM/SJ
Sample : K1560-07
Misc : AR1660 LOD 40PPB
ALS Vial : 31 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
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**Manual Integrations APPROVED**
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 06 04:01:51 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO032519.M
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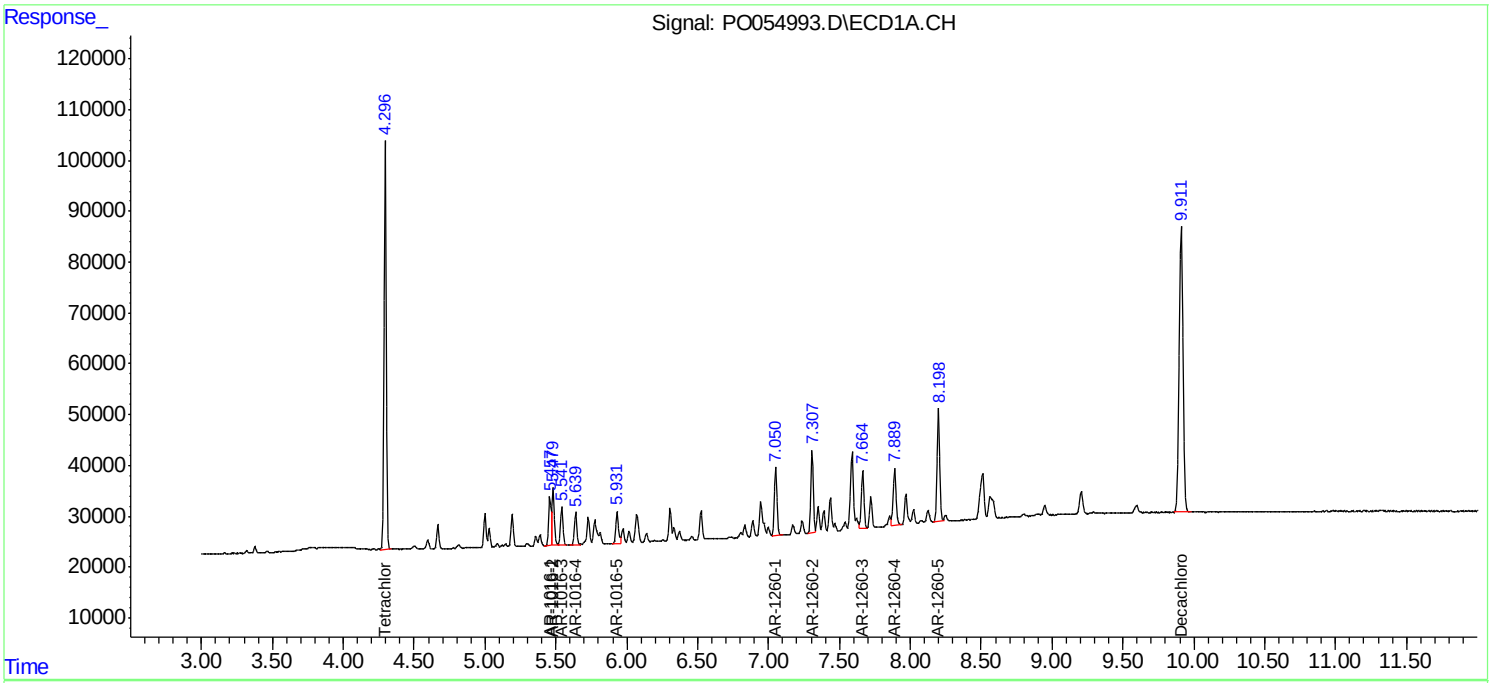
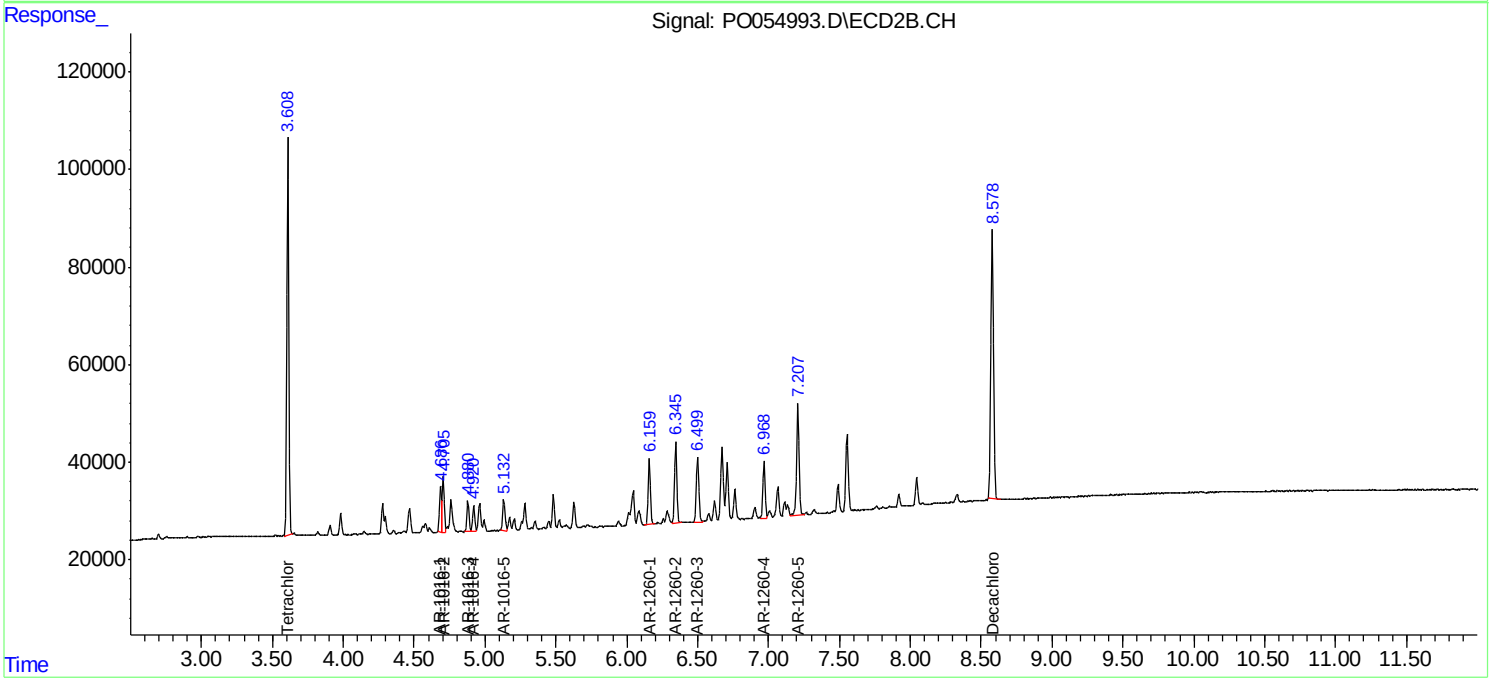
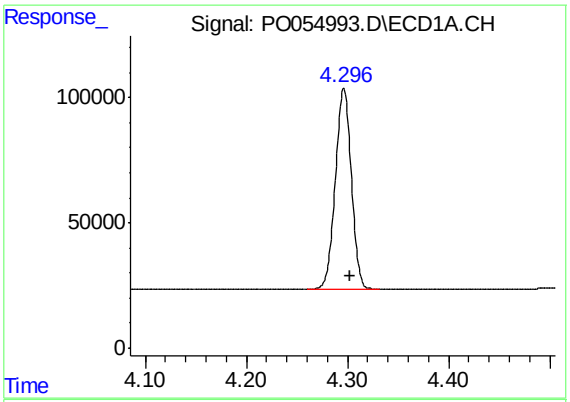
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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.: 4.297 min
Delta R.T.: -0.006 min
Response: 873389
Conc: 25.17 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT1-2019

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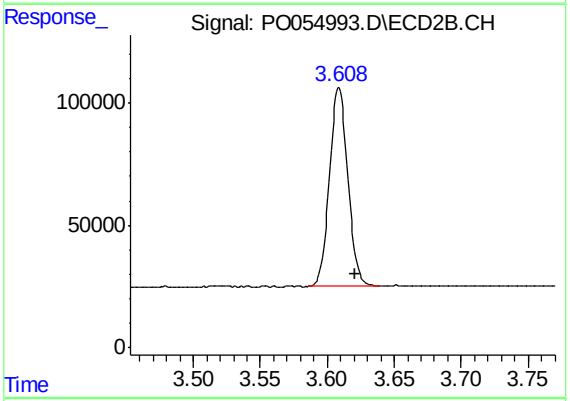
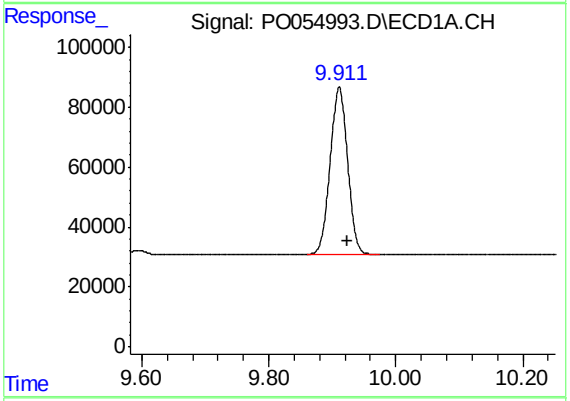


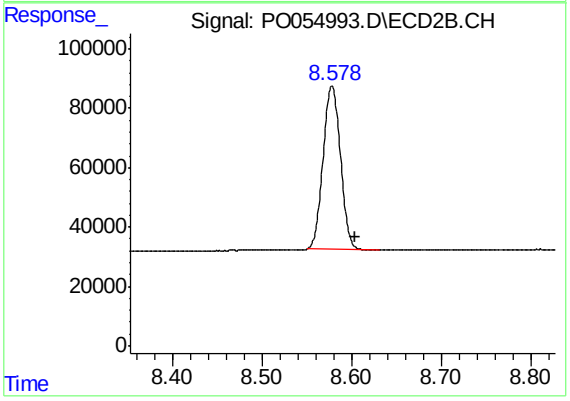

#1 Tetrachloro-m-xylene

R.T.: 3.608 min
Delta R.T.: -0.012 min
Response: 775676
Conc: 24.31 ng/ml m



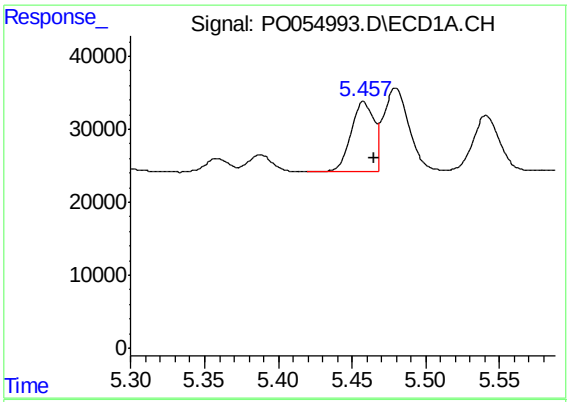

#2 Decachlorobiphenyl

R.T.: 9.911 min
Delta R.T.: -0.012 min
Response: 1067480
Conc: 21.65 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.578 min
Delta R.T.: -0.026 min
Response: 746130
Conc: 23.43 ng/ml




#3 AR-1016-1

R.T.: 5.458 min
Delta R.T.: -0.008 min
Response: 103310
Conc: 57.41 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT1-2019

**Manual Integrations APPROVED**
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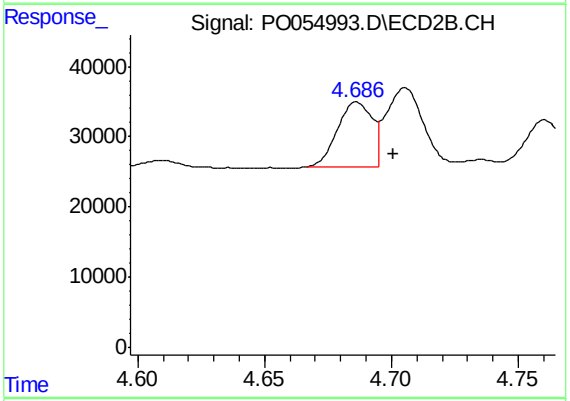
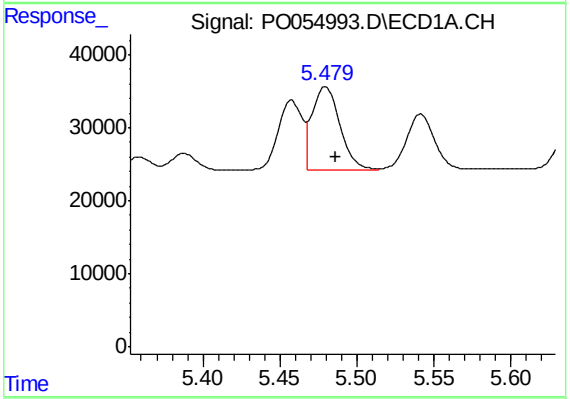


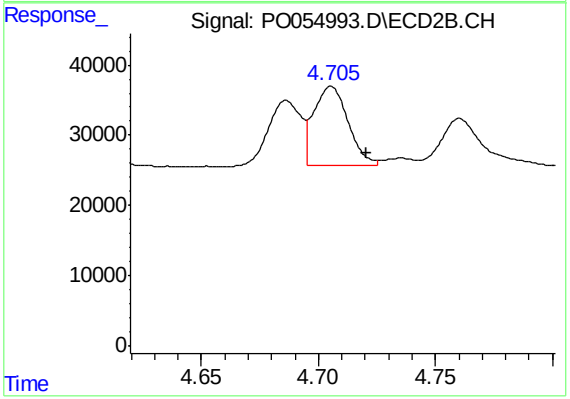

#3 AR-1016-1

R.T.: 4.686 min
Delta R.T.: -0.015 min
Response: 90566
Conc: 57.27 ng/ml m



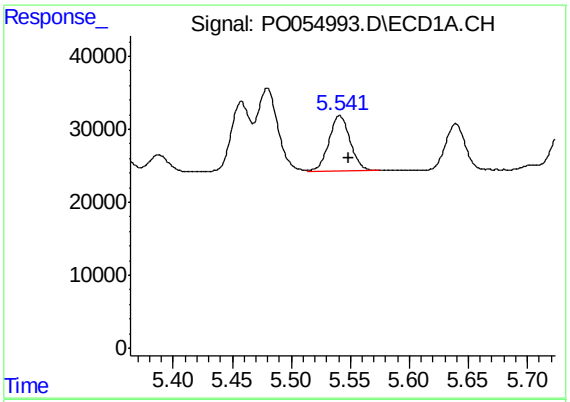

#4 AR-1016-2

R.T.: 5.480 min
Delta R.T.: -0.007 min
Response: 138696
Conc: 55.84 ng/ml




#4 AR-1016-2

R.T.: 4.706 min
Delta R.T.: -0.015 min
Response: 116950
Conc: 54.58 ng/ml




#5 AR-1016-3

R.T.: 5.541 min
Delta R.T.: -0.007 min
Response: 94188
Conc: 59.87 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT1-2019

**Manual Integrations APPROVED**
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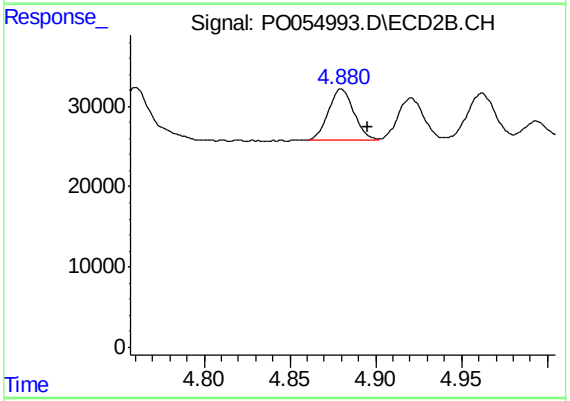
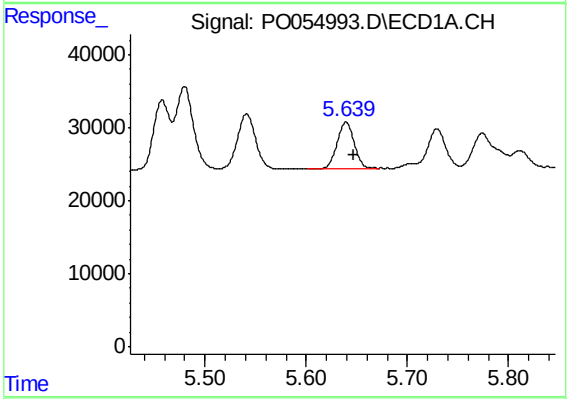


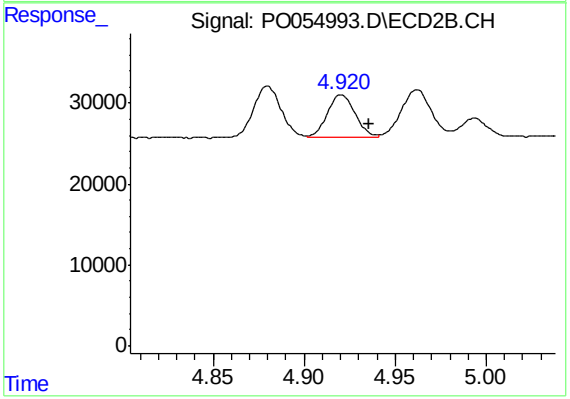

#5 AR-1016-3

R.T.: 4.880 min
Delta R.T.: -0.016 min
Response: 64968
Conc: 53.77 ng/ml



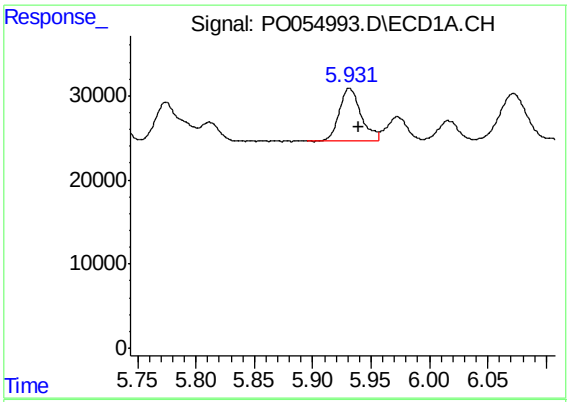

#6 AR-1016-4

R.T.: 5.639 min
Delta R.T.: -0.008 min
Response: 73838
Conc: 56.66 ng/ml




#6 AR-1016-4

R.T.: 4.921 min
Delta R.T.: -0.015 min
Response: 54040
Conc: 53.48 ng/ml




#7 AR-1016-5

R.T.: 5.932 min
Delta R.T.: -0.008 min
Response: 80620
Conc: 60.42 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT1-2019

**Manual Integrations APPROVED**
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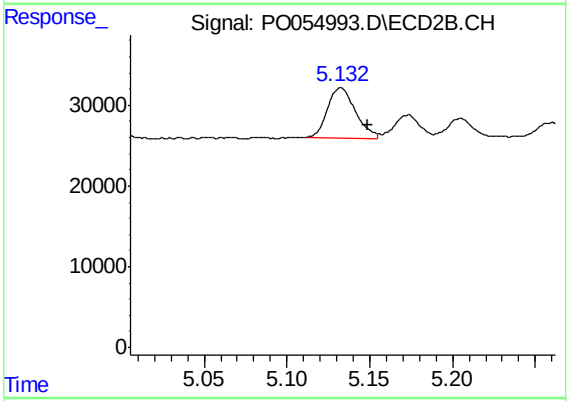
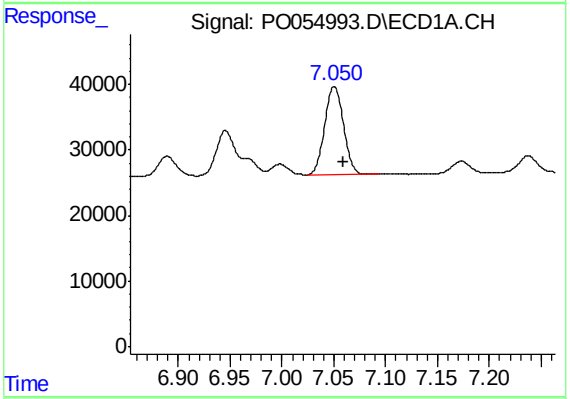


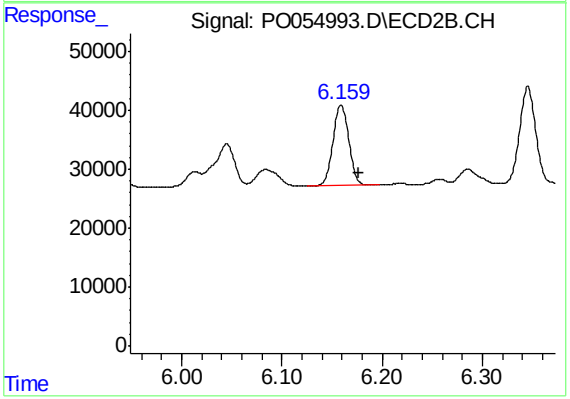

#7 AR-1016-5

R.T.: 5.132 min
Delta R.T.: -0.016 min
Response: 73614
Conc: 56.48 ng/ml m



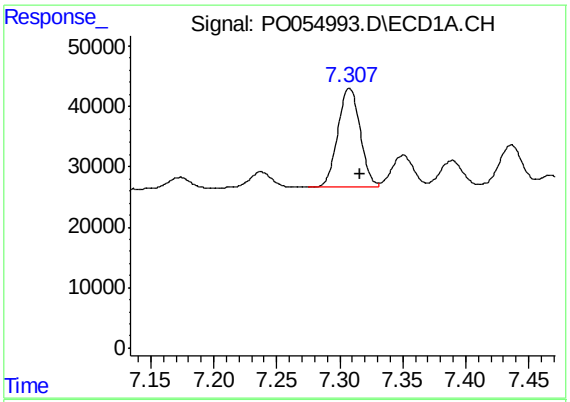

#31 AR-1260-1

R.T.: 7.050 min
Delta R.T.: -0.009 min
Response: 171152
Conc: 68.12 ng/ml




#31 AR-1260-1

R.T.: 6.159 min
Delta R.T.: -0.018 min
Response: 151094
Conc: 65.75 ng/ml




#32 AR-1260-2

R.T.: 7.308 min
Delta R.T.: -0.009 min
Response: 201623
Conc: 64.97 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
LOD-MDL-WATER-01-QT1-2019

**Manual Integrations APPROVED**
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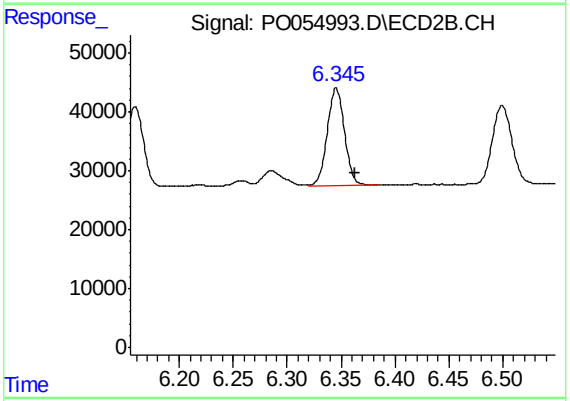
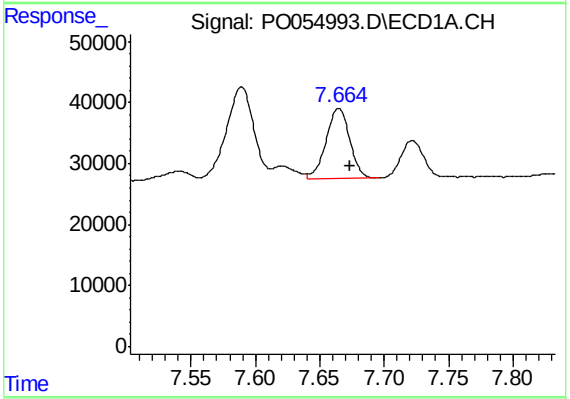


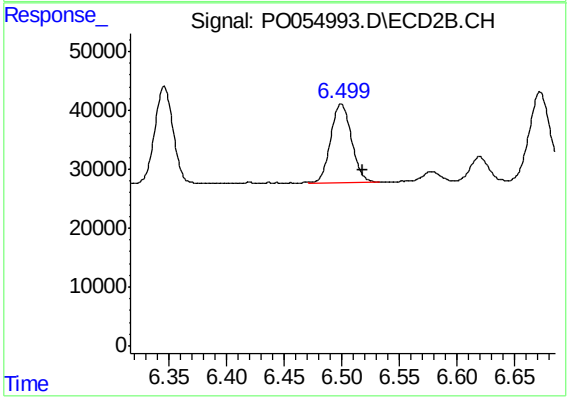

#32 AR-1260-2

R.T.: 6.345 min
Delta R.T.: -0.018 min
Response: 183368
Conc: 66.61 ng/ml m



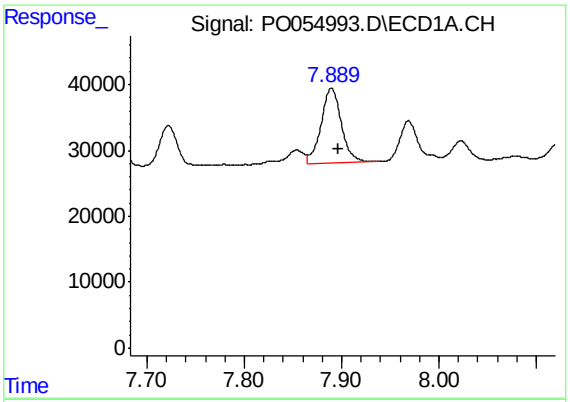

#33 AR-1260-3

R.T.: 7.665 min
Delta R.T.: -0.009 min
Response: 145968
Conc: 59.47 ng/ml




#33 AR-1260-3

R.T.: 6.499 min
Delta R.T.: -0.019 min
Response: 168118
Conc: 65.21 ng/ml m




#34 AR-1260-4

R.T.: 7.890 min
Delta R.T.: -0.008 min
Response: 163265
Conc: 59.03 ng/ml

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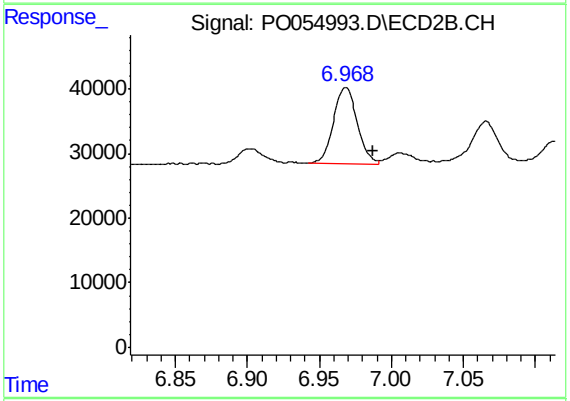
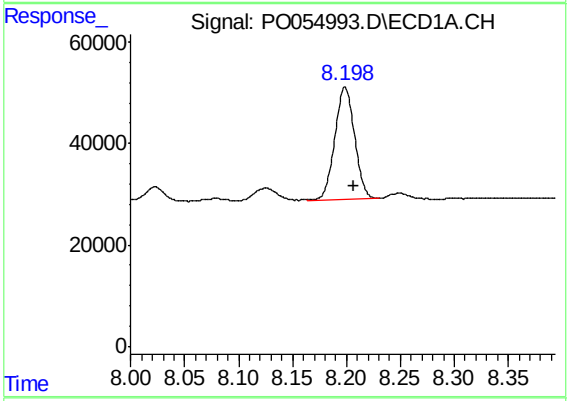


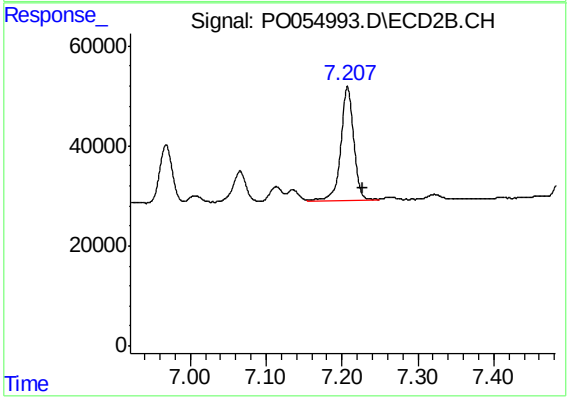

#34 AR-1260-4

R.T.: 6.968 min
Delta R.T.: -0.020 min
Response: 135296
Conc: 63.57 ng/ml m




#35 AR-1260-5

R.T.: 8.199 min
Delta R.T.: -0.008 min
Response: 280858
Conc: 50.62 ng/ml




#35 AR-1260-5

R.T.: 7.207 min
Delta R.T.: -0.020 min
Response: 272313
Conc: 56.86 ng/ml