Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO082019\
Data File : PO059556.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Aug 2019 22:49
Operator : SM/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

**Manual Integrations APPROVED**
Ankita
8/22/2019 2:39:28 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 21 08:26:17 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081719.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 17 03:09:44 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... | 4.137 | 3.504 | 2367736 | 2018620 | 67.625 | 56.080 |
| 2) | SA Decachlor... | 9.620 | 8.371 | 2335641 | 1783357 | 43.903 | 44.229m |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.288 | 4.555 | 991463 | 725441 | 618.167m | 536.592m |
| 4) | L1 AR-1016-2 | 5.310 | 4.573 | 1434634 | 1067865 | 599.639 | 533.131 |
| 5) | L1 AR-1016-3 | 5.370 | 4.745 | 885400 | 579664 | 594.418 | 535.804 |
| 6) | L1 AR-1016-4 | 5.469 | 4.786 | 724141 | 487963 | 598.587 | 540.384 |
| 7) | L1 AR-1016-5 | 5.756 | 4.995 | 753415 | 606104 | 586.709 | 526.165 |
| 31) | L7 AR-1260-1 | 6.866 | 6.004 | 1281172 | 1072650 | 475.244 | 470.687 |
| 32) | L7 AR-1260-2 | 7.121 | 6.192 | 1613740 | 1321742 | 434.914 | 451.126 |
| 33) | L7 AR-1260-3 | 7.476 | 6.340 | 1401842 | 1201773 | 427.869 | 453.647 |
| 34) | L7 AR-1260-4 | 7.703 | 6.803 | 1355680 | 986323 | 441.400 | 435.929 |
| 35) | L7 AR-1260-5 | 8.010 | 7.047 | 2877271 | 2336953 | 406.342 | 424.644 |

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

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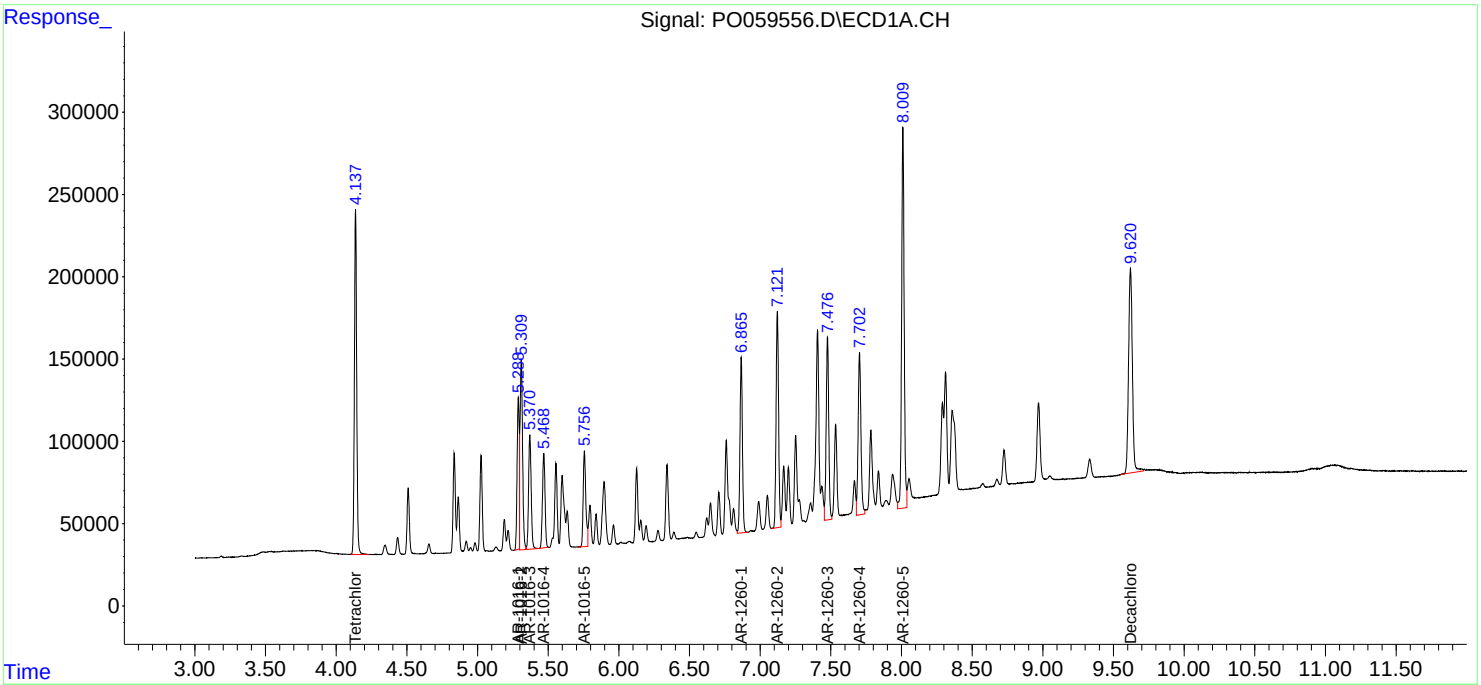


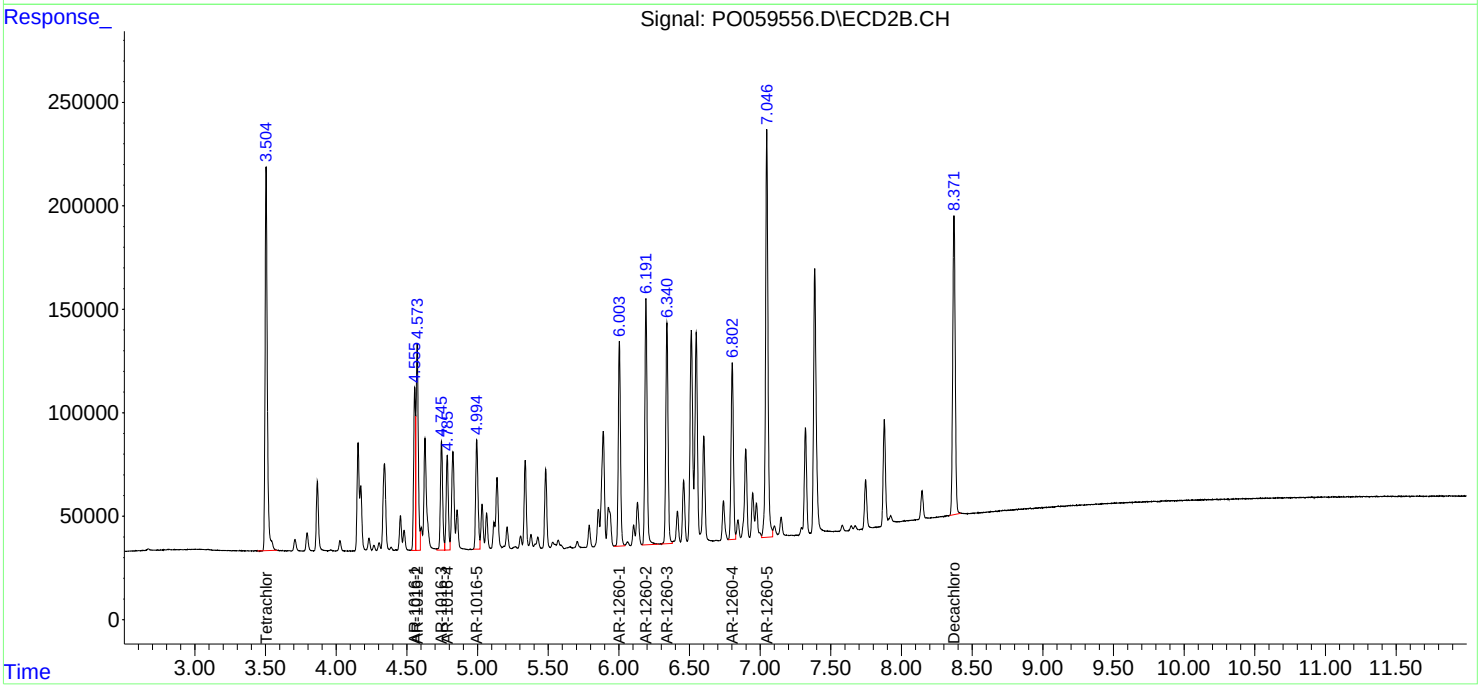

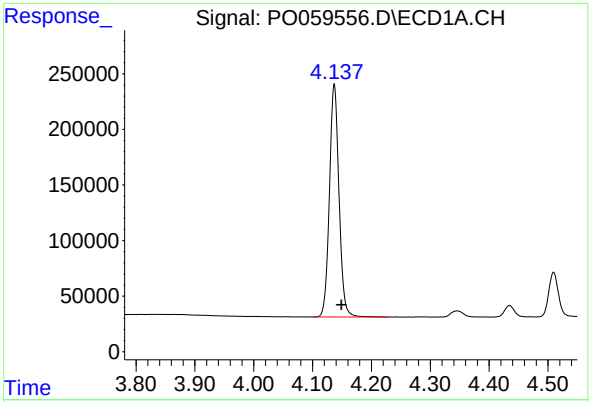


#1 Tetrachloro-m-xylene

R.T.: 4.137 min
Delta R.T.: -0.012 min
Response: 2367736
Conc: 67.63 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

**Manual Integrations APPROVED**
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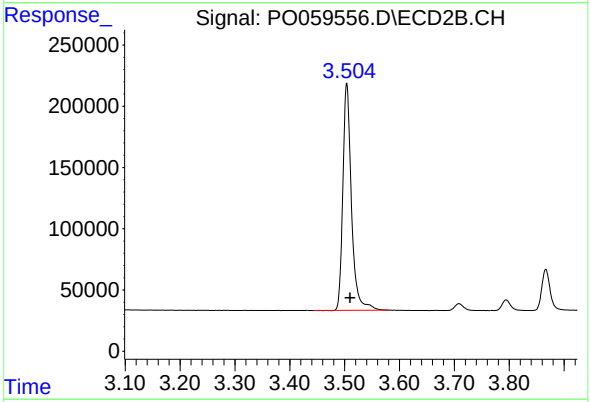
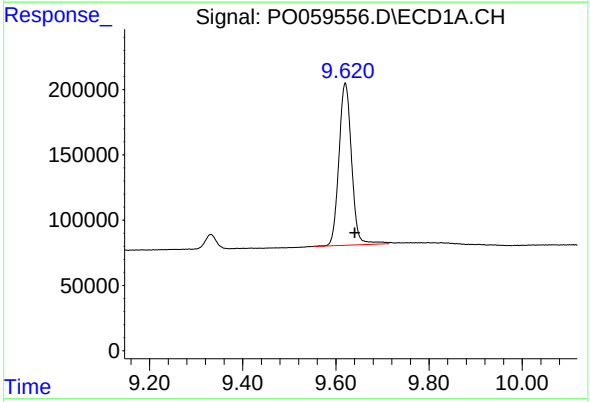


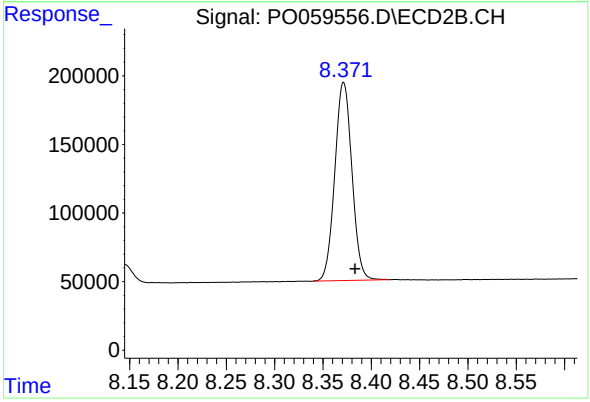

#1 Tetrachloro-m-xylene

R.T.: 3.504 min
Delta R.T.: -0.006 min
Response: 2018620
Conc: 56.08 ng/ml



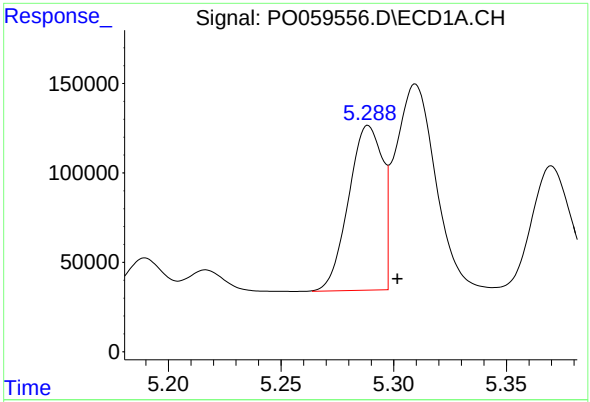

#2 Decachlorobiphenyl

R.T.: 9.620 min
Delta R.T.: -0.021 min
Response: 2335641
Conc: 43.90 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.371 min
Delta R.T.: -0.012 min
Response: 1783357
Conc: 44.23 ng/ml m




#3 AR-1016-1

R.T.: 5.288 min
Delta R.T.: -0.013 min
Response: 991463
Conc: 618.17 ng/ml m

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

**Manual Integrations APPROVED**
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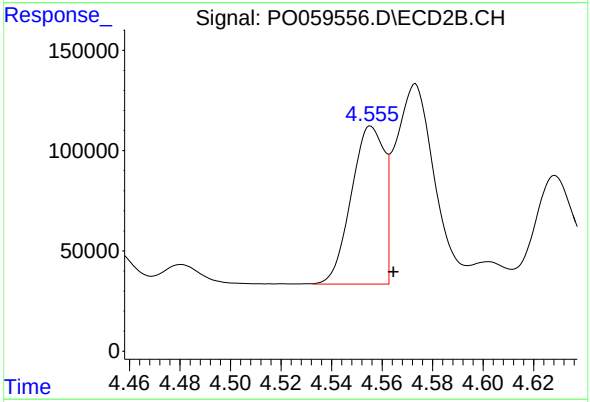
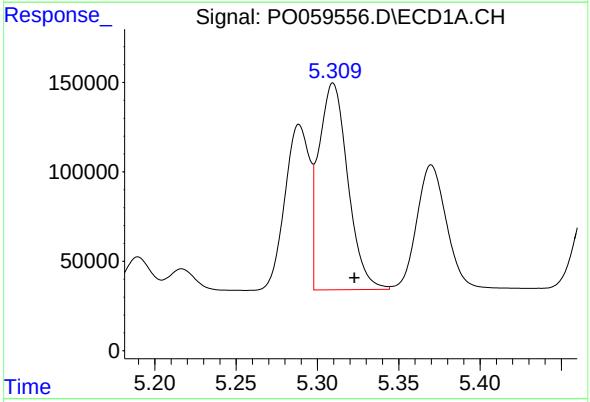


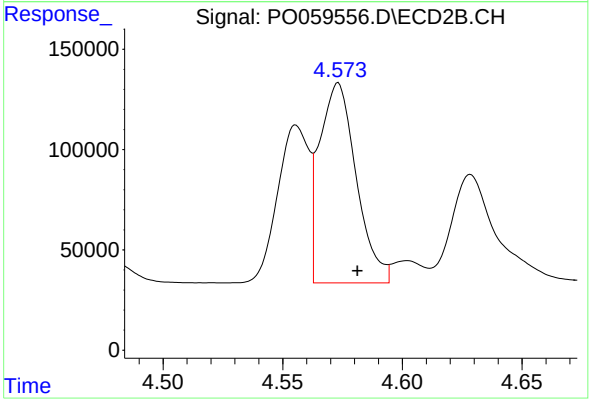

#3 AR-1016-1

R.T.: 4.555 min
Delta R.T.: -0.010 min
Response: 725441
Conc: 536.59 ng/ml m



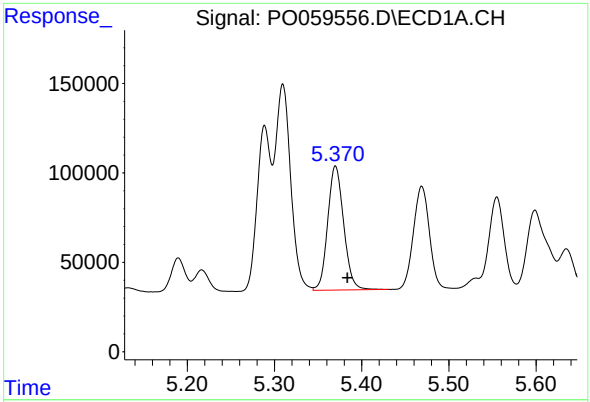

#4 AR-1016-2

R.T.: 5.310 min
Delta R.T.: -0.013 min
Response: 1434634
Conc: 599.64 ng/ml




#4 AR-1016-2

R.T.: 4.573 min
Delta R.T.: -0.008 min
Response: 1067865
Conc: 533.13 ng/ml




#5 AR-1016-3

R.T.: 5.370 min
Delta R.T.: -0.014 min
Response: 885400
Conc: 594.42 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

**Manual Integrations APPROVED**
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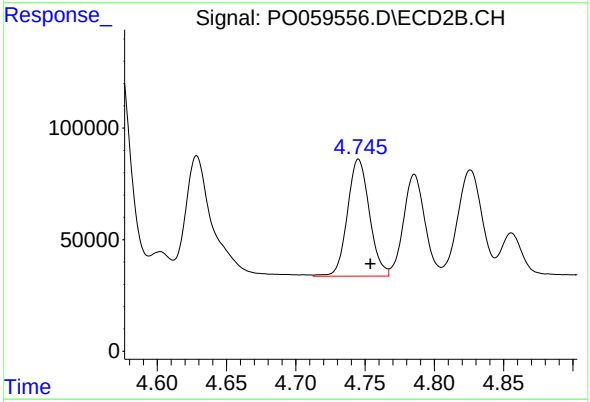
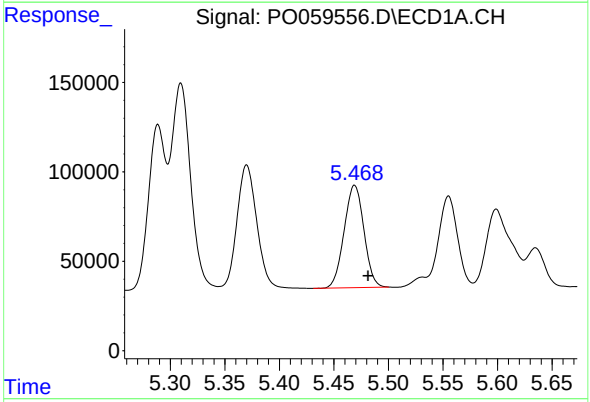


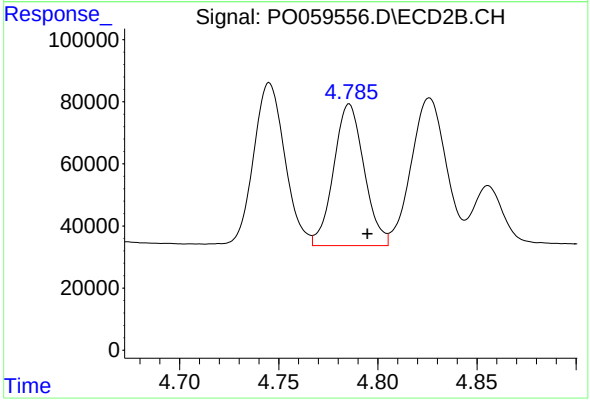

#5 AR-1016-3

R.T.: 4.745 min
Delta R.T.: -0.009 min
Response: 579664
Conc: 535.80 ng/ml



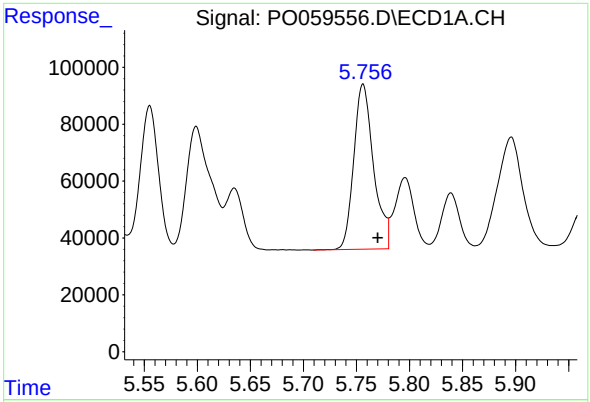

#6 AR-1016-4

R.T.: 5.469 min
Delta R.T.: -0.012 min
Response: 724141
Conc: 598.59 ng/ml




#6 AR-1016-4

R.T.: 4.786 min
Delta R.T.: -0.009 min
Response: 487963
Conc: 540.38 ng/ml




#7 AR-1016-5

R.T.: 5.756 min
Delta R.T.: -0.014 min
Response: 753415
Conc: 586.71 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

**Manual Integrations APPROVED**
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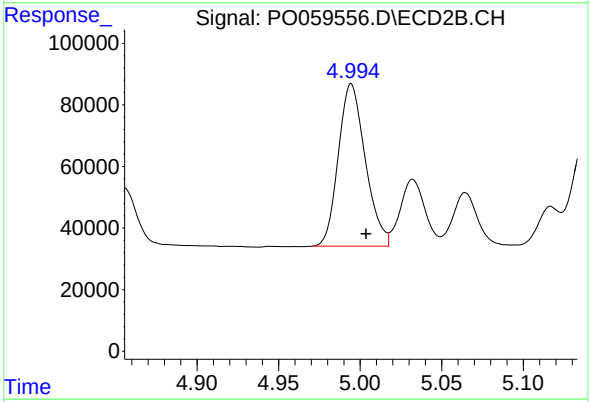
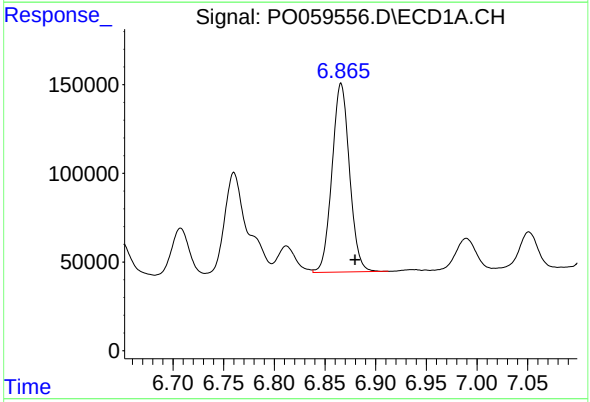


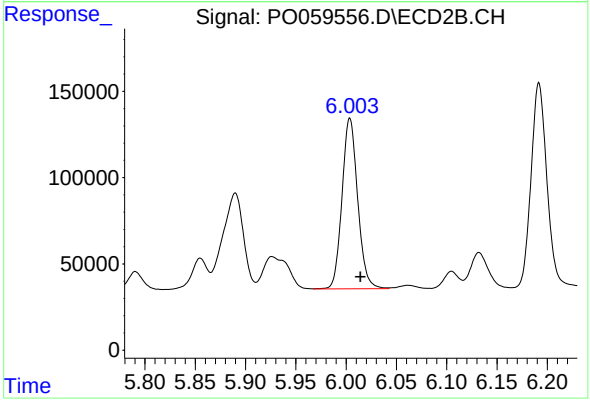

#7 AR-1016-5

R.T.: 4.995 min
Delta R.T.: -0.009 min
Response: 606104
Conc: 526.17 ng/ml



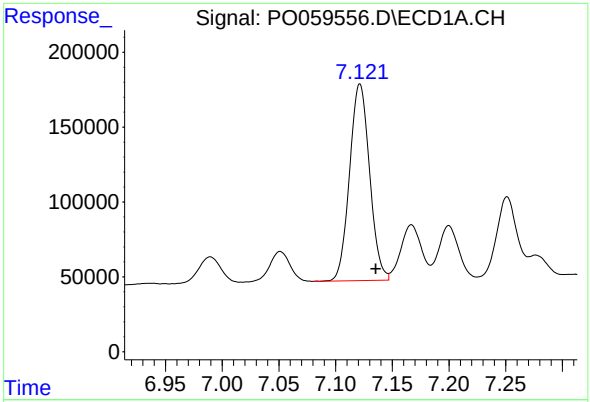

#31 AR-1260-1

R.T.: 6.866 min
Delta R.T.: -0.014 min
Response: 1281172
Conc: 475.24 ng/ml




#31 AR-1260-1

R.T.: 6.004 min
Delta R.T.: -0.010 min
Response: 1072650
Conc: 470.69 ng/ml




#32 AR-1260-2

R.T.: 7.121 min
Delta R.T.: -0.014 min
Response: 1613740
Conc: 434.91 ng/ml

**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

**Manual Integrations APPROVED**
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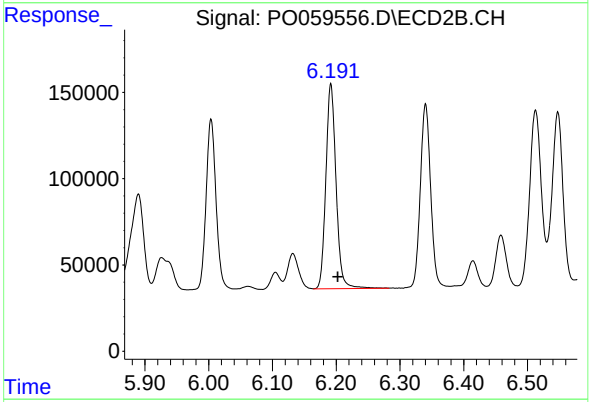
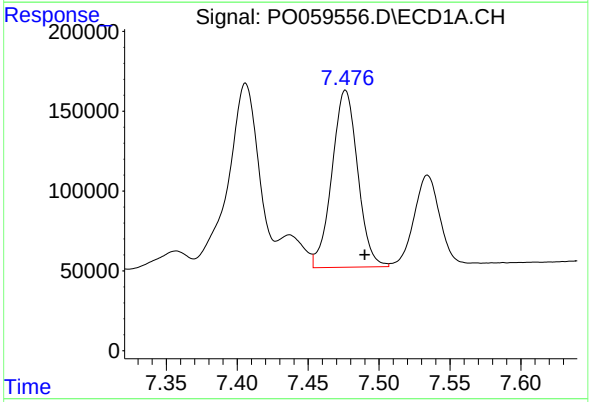


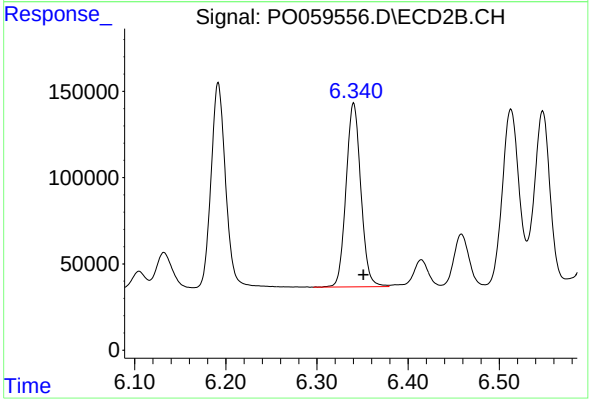

#32 AR-1260-2

R.T.: 6.192 min
Delta R.T.: -0.011 min
Response: 1321742
Conc: 451.13 ng/ml



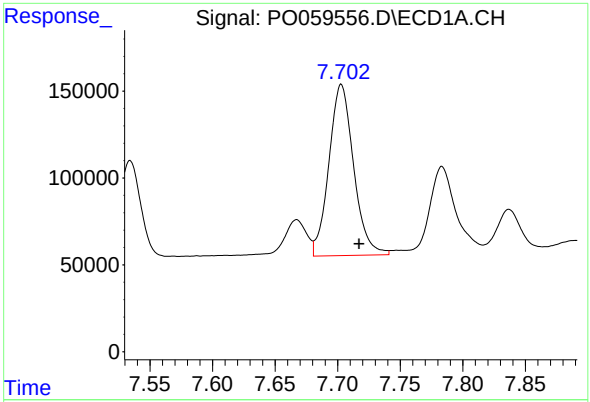

#33 AR-1260-3

R.T.: 7.476 min
Delta R.T.: -0.014 min
Response: 1401842
Conc: 427.87 ng/ml




#33 AR-1260-3

R.T.: 6.340 min
Delta R.T.: -0.011 min
Response: 1201773
Conc: 453.65 ng/ml




#34 AR-1260-4

R.T.: 7.703 min
Delta R.T.: -0.014 min
Response: 1355680
Conc: 441.40 ng/ml

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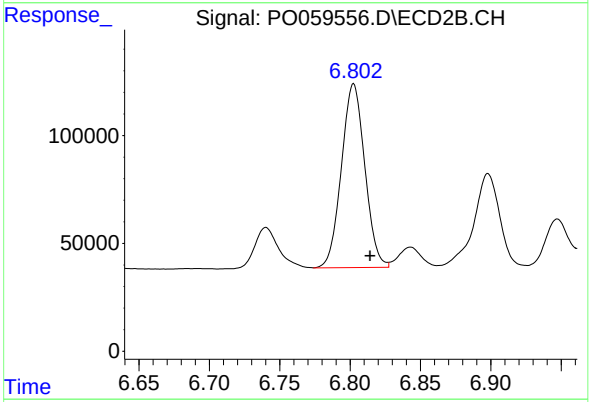
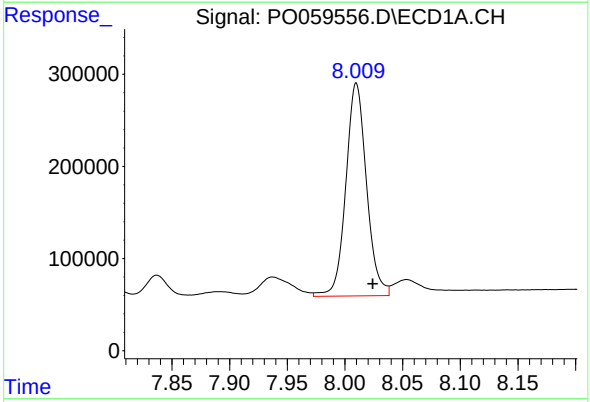


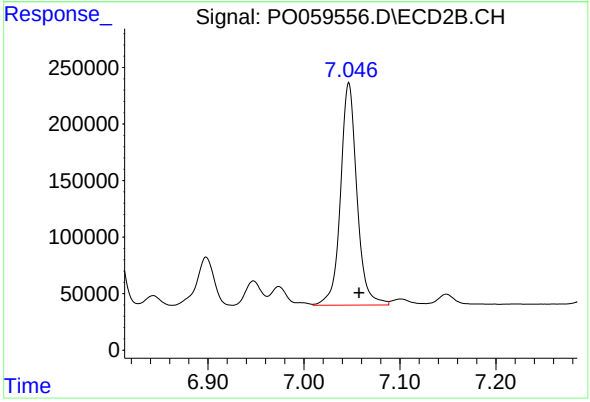

#34 AR-1260-4

R.T.: 6.803 min
Delta R.T.: -0.012 min
Response: 986323
Conc: 435.93 ng/ml




#35 AR-1260-5

R.T.: 8.010 min
Delta R.T.: -0.014 min
Response: 2877271
Conc: 406.34 ng/ml




#35 AR-1260-5

R.T.: 7.047 min
Delta R.T.: -0.011 min
Response: 2336953
Conc: 424.64 ng/ml