Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080319\
Data File : PO058818.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 02 Aug 2019 17:56
Operator : SM/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
Ankita
8/5/2019 11:14:23 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 18:26:51 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072819.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Jul 27 06:49:05 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... | 4.163 | 3.516 | 2390110 | 1975279 | 56.634 | 49.444 |
| 2) | SA Decachlor... | 9.637 | 8.400 | 2368244 | 1783720 | 43.730 | 45.188 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.316 | 4.572 | 918305 | 684139 | 490.037m | 469.237m |
| 4) | L1 AR-1016-2 | 5.337 | 4.590 | 1335270 | 972681 | 485.281m | 453.127 |
| 5) | L1 AR-1016-3 | 5.398 | 4.763 | 824246 | 514343 | 485.441 | 452.874 |
| 6) | L1 AR-1016-4 | 5.497 | 4.804 | 708449 | 438802 | 506.324 | 465.176 |
| 7) | L1 AR-1016-5 | 5.784 | 5.013 | 719045 | 558785 | 501.975 | 453.767 |
| 31) | L7 AR-1260-1 | 6.891 | 6.025 | 1400386 | 1003229 | 486.390 | 421.516 |
| 32) | L7 AR-1260-2 | 7.145 | 6.213 | 1825023 | 1270701 | 438.702 | 419.470 |
| 33) | L7 AR-1260-3 | 7.498 | 6.362 | 1582881 | 1120346 | 425.052 | 414.967 |
| 34) | L7 AR-1260-4 | 7.723 | 6.826 | 1454571 | 975118 | 426.838 | 431.558 |
| 35) | L7 AR-1260-5 | 8.029 | 7.069 | 3089506 | 2305464 | 420.069m | 428.100 |

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

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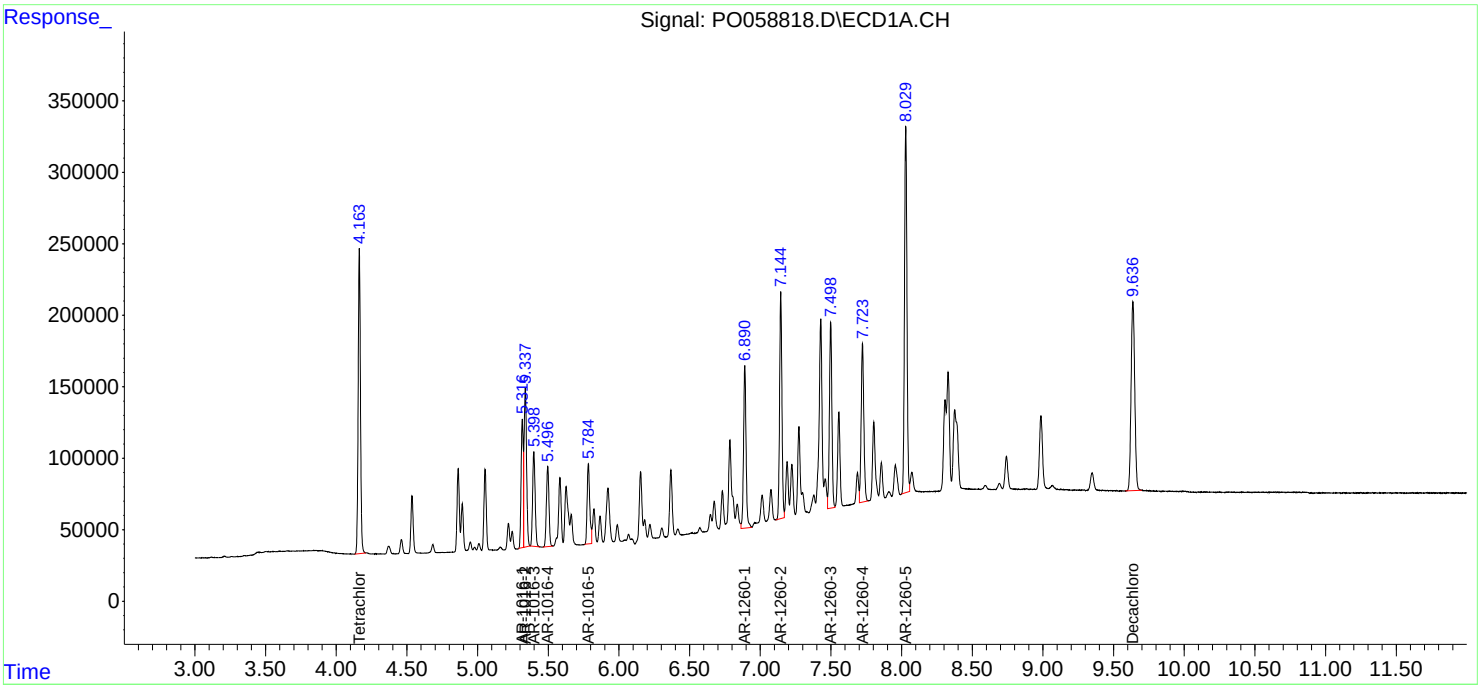


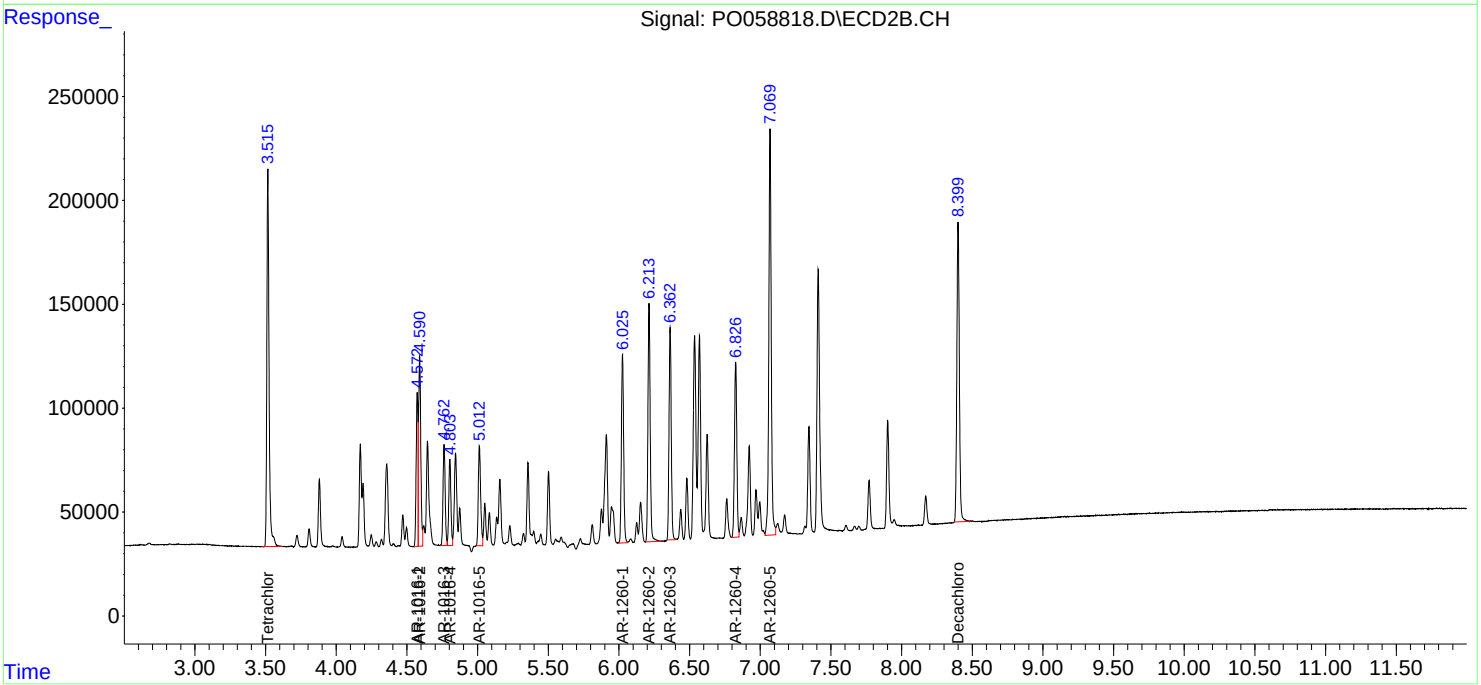

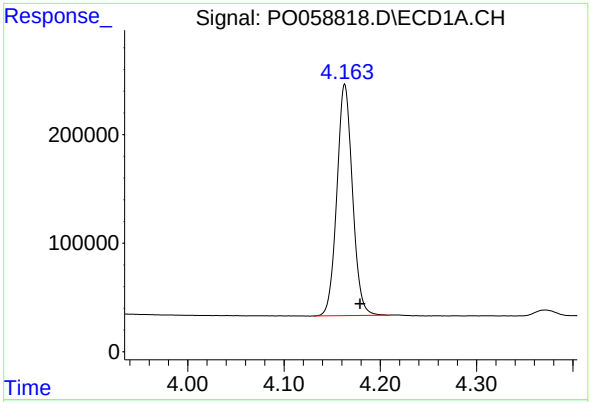


#1 Tetrachloro-m-xylene

R.T.: 4.163 min
Delta R.T.: -0.016 min
Response: 2390110
Conc: 56.63 ng/ml

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

**Manual Integrations APPROVED**
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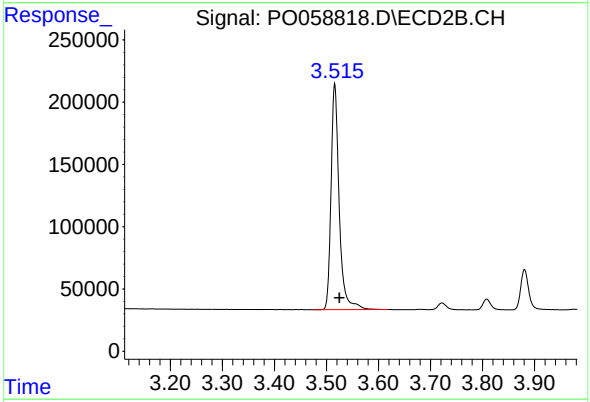
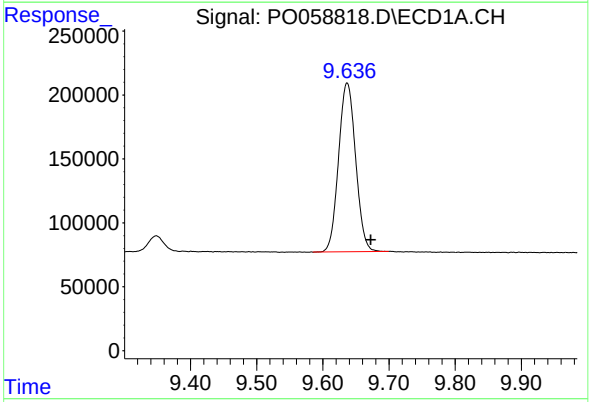


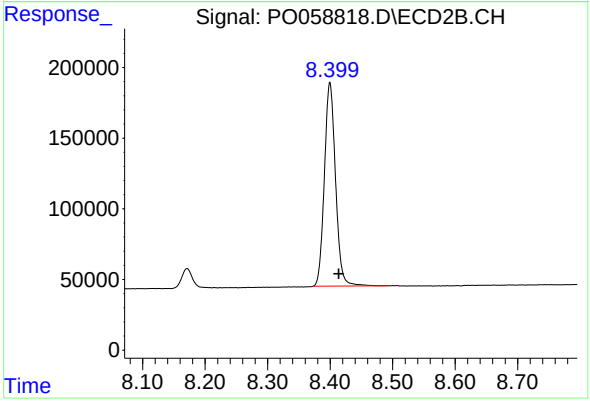

#1 Tetrachloro-m-xylene

R.T.: 3.516 min
Delta R.T.: -0.009 min
Response: 1975279
Conc: 49.44 ng/ml



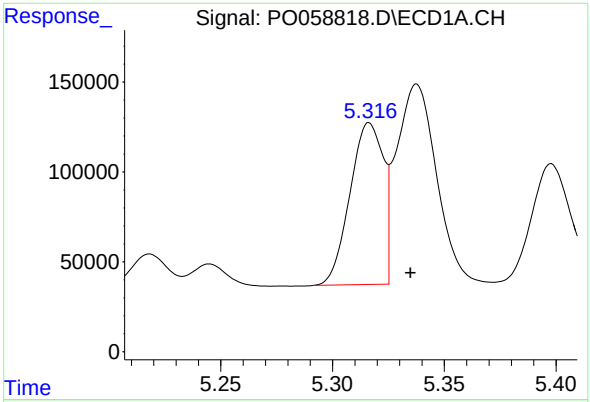

#2 Decachlorobiphenyl

R.T.: 9.637 min
Delta R.T.: -0.036 min
Response: 2368244
Conc: 43.73 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.400 min
Delta R.T.: -0.014 min
Response: 1783720
Conc: 45.19 ng/ml




#3 AR-1016-1

R.T.: 5.316 min
Delta R.T.: -0.019 min
Response: 918305
Conc: 490.04 ng/ml m

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

**Manual Integrations APPROVED**
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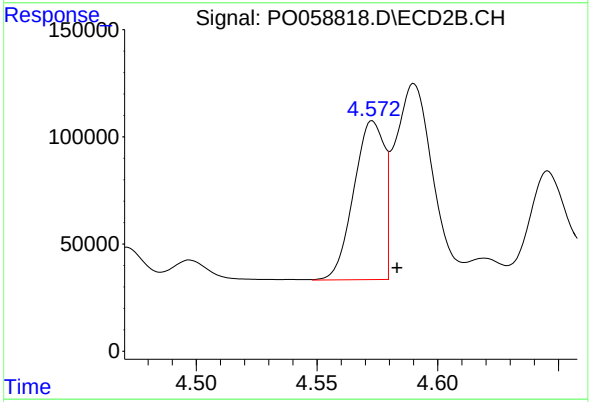
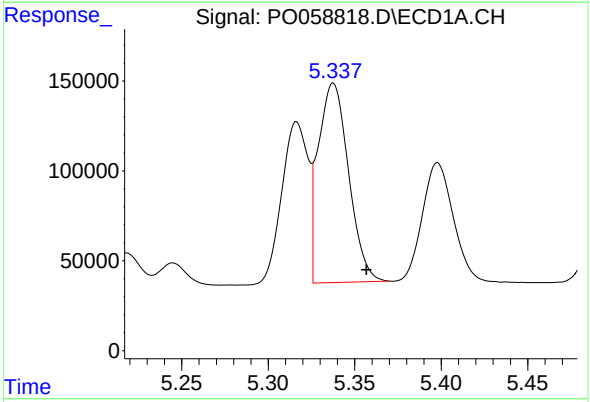


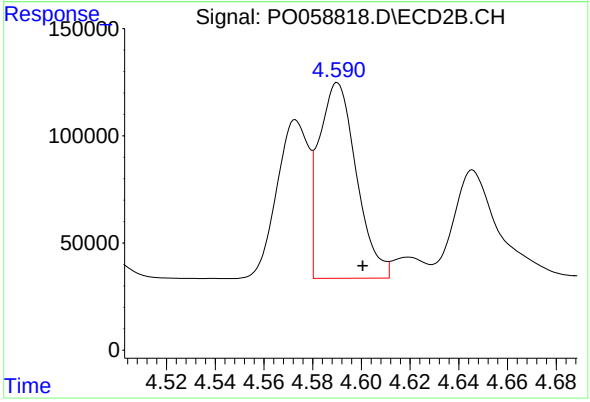

#3 AR-1016-1

R.T.: 4.572 min
Delta R.T.: -0.011 min
Response: 684139
Conc: 469.24 ng/ml m



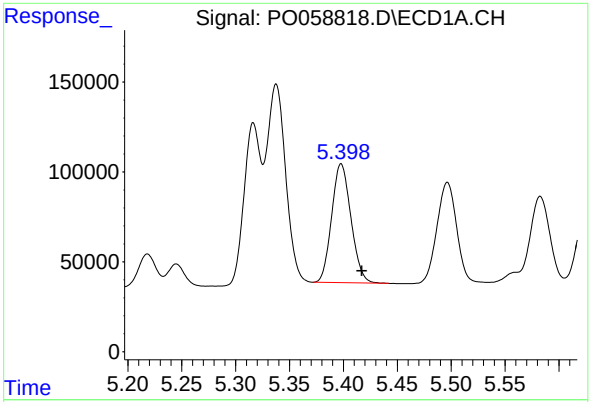

#4 AR-1016-2

R.T.: 5.337 min
Delta R.T.: -0.019 min
Response: 1335270
Conc: 485.28 ng/ml m




#4 AR-1016-2

R.T.: 4.590 min
Delta R.T.: -0.010 min
Response: 972681
Conc: 453.13 ng/ml




#5 AR-1016-3

R.T.: 5.398 min
Delta R.T.: -0.019 min
Response: 824246
Conc: 485.44 ng/ml

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

**Manual Integrations APPROVED**
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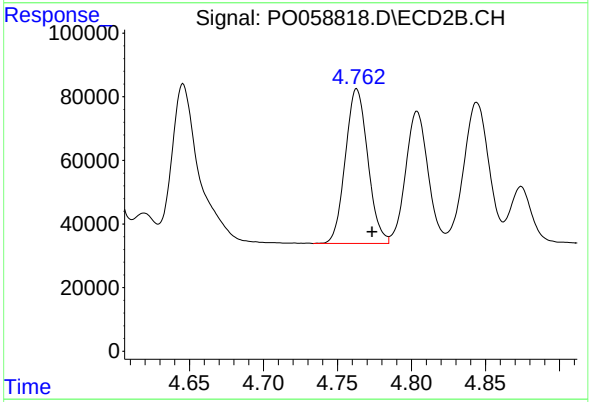
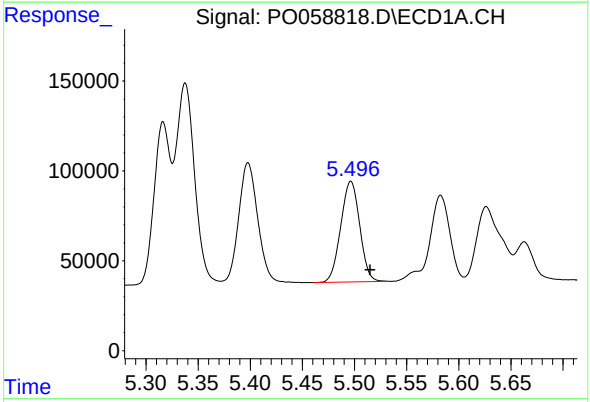


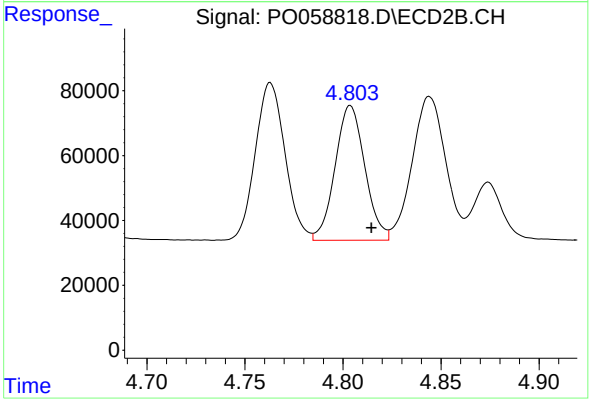

#5 AR-1016-3

R.T.: 4.763 min
Delta R.T.: -0.010 min
Response: 514343
Conc: 452.87 ng/ml



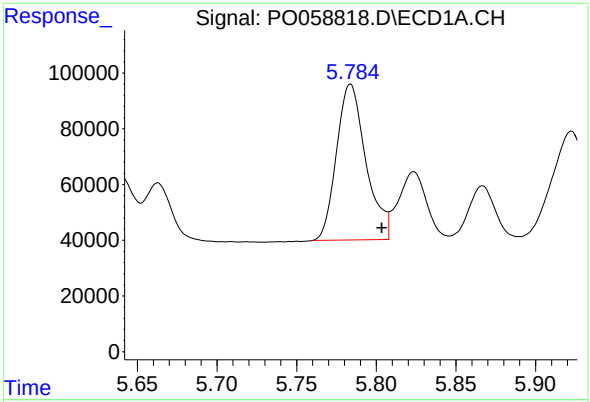

#6 AR-1016-4

R.T.: 5.497 min
Delta R.T.: -0.018 min
Response: 708449
Conc: 506.32 ng/ml




#6 AR-1016-4

R.T.: 4.804 min
Delta R.T.: -0.011 min
Response: 438802
Conc: 465.18 ng/ml




#7 AR-1016-5

R.T.: 5.784 min
Delta R.T.: -0.020 min
Response: 719045
Conc: 501.97 ng/ml

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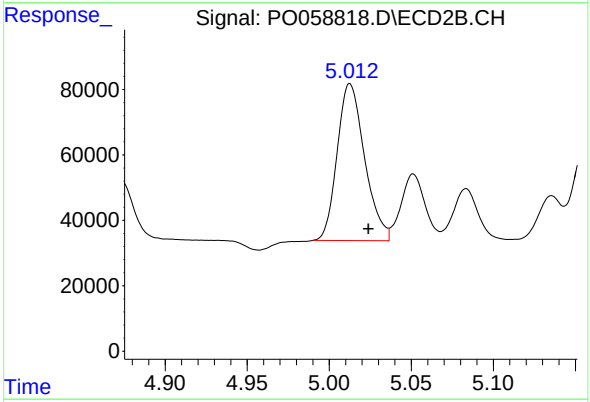
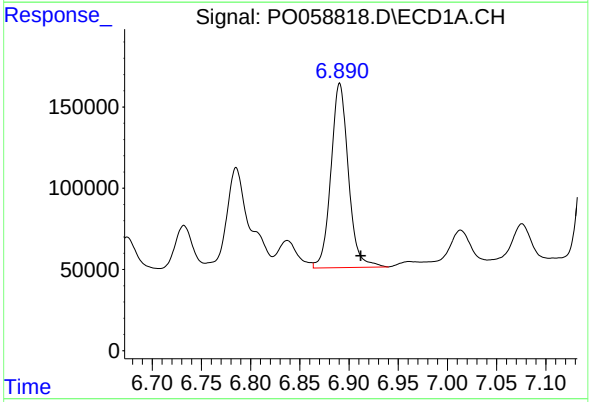


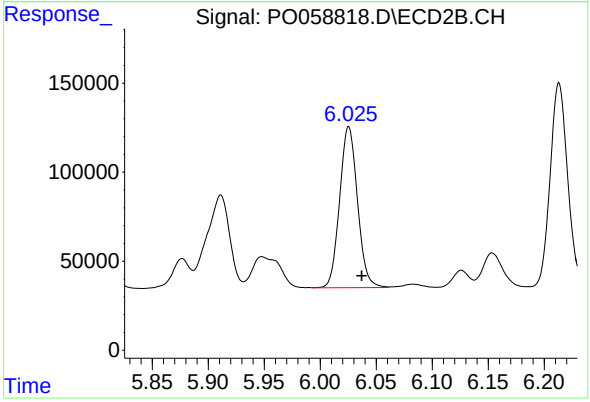

#7 AR-1016-5

R.T.: 5.013 min
Delta R.T.: -0.011 min
Response: 558785
Conc: 453.77 ng/ml



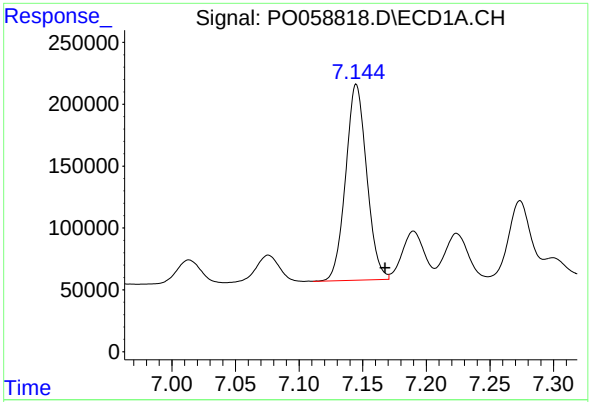

#31 AR-1260-1

R.T.: 6.891 min
Delta R.T.: -0.021 min
Response: 1400386
Conc: 486.39 ng/ml




#31 AR-1260-1

R.T.: 6.025 min
Delta R.T.: -0.012 min
Response: 1003229
Conc: 421.52 ng/ml




#32 AR-1260-2

R.T.: 7.145 min
Delta R.T.: -0.022 min
Response: 1825023
Conc: 438.70 ng/ml

**Instrument :**
ECD_O
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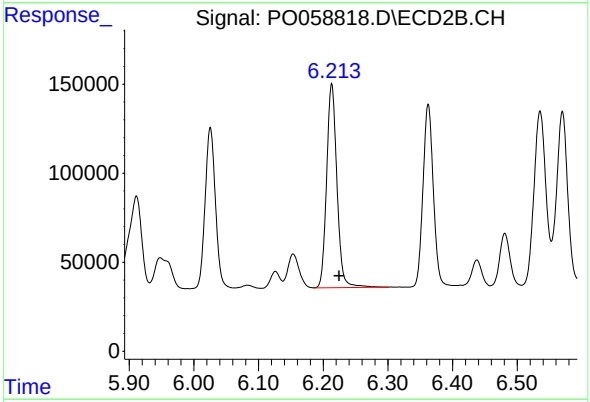
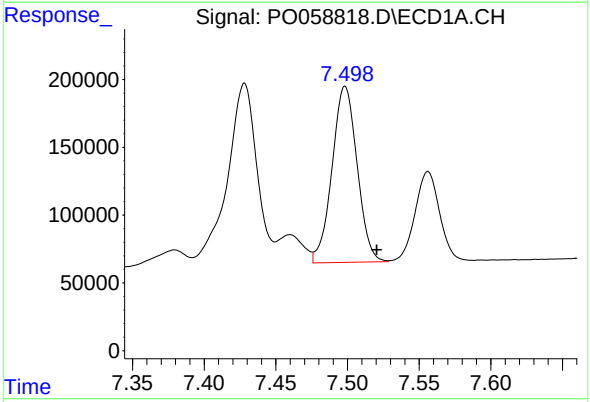


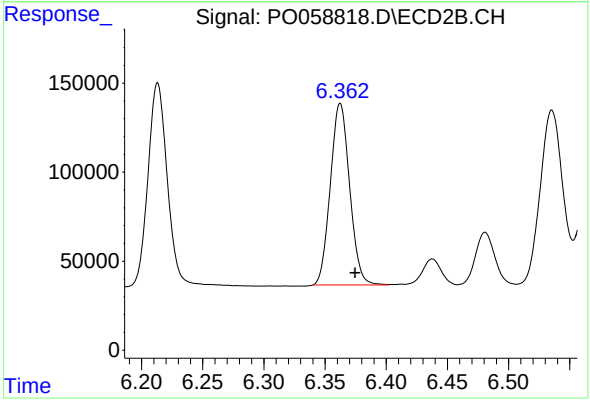

#32 AR-1260-2

R.T.: 6.213 min
Delta R.T.: -0.011 min
Response: 1270701
Conc: 419.47 ng/ml



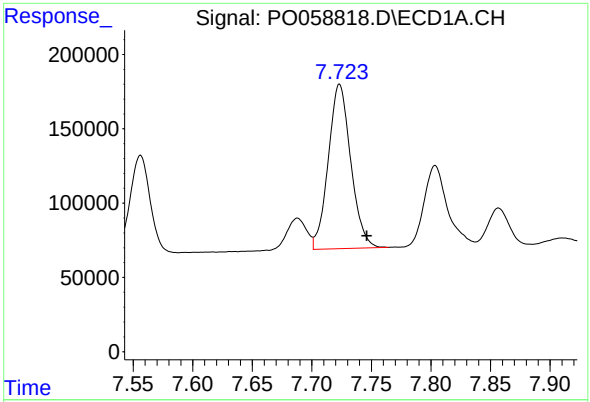

#33 AR-1260-3

R.T.: 7.498 min
Delta R.T.: -0.022 min
Response: 1582881
Conc: 425.05 ng/ml




#33 AR-1260-3

R.T.: 6.362 min
Delta R.T.: -0.012 min
Response: 1120346
Conc: 414.97 ng/ml




#34 AR-1260-4

R.T.: 7.723 min
Delta R.T.: -0.023 min
Response: 1454571
Conc: 426.84 ng/ml

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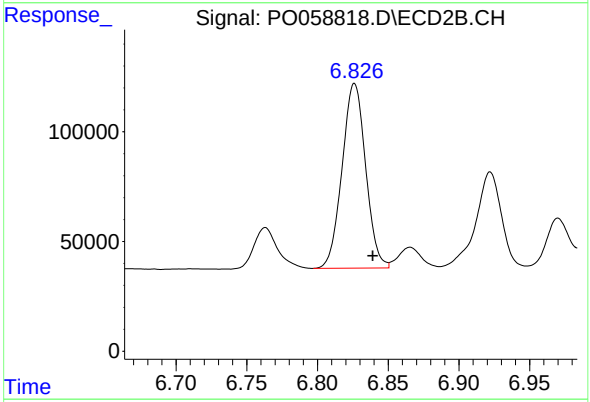
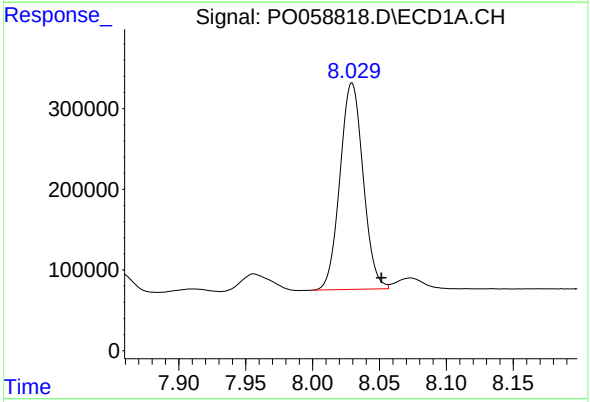


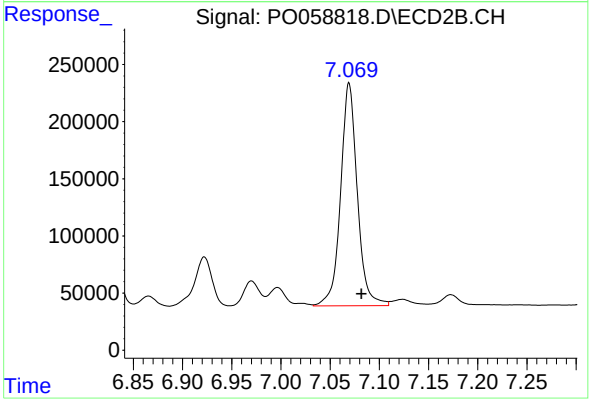

#34 AR-1260-4

R.T.: 6.826 min
Delta R.T.: -0.013 min
Response: 975118
Conc: 431.56 ng/ml




#35 AR-1260-5

R.T.: 8.029 min
Delta R.T.: -0.022 min
Response: 3089506
Conc: 420.07 ng/ml m




#35 AR-1260-5

R.T.: 7.069 min
Delta R.T.: -0.013 min
Response: 2305464
Conc: 428.10 ng/ml