Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO083019\
Data File : PO060097.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 30 Aug 2019 15:53
Operator : SM/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 30 16:58:21 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081719.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 28 13:30:59 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... | 4.122 | 3.496 | 2037396 | 1769936 | 58.190m | 49.171 |
| 2) | SA Decachlor... | 9.581 | 8.353 | 2432283 | 1996672 | 45.719m | 49.519 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.272 | 4.546 | 935266 | 667975 | 583.129 | 494.086 |
| 4) | L1 AR-1016-2 | 5.293 | 4.563 | 1381200 | 997083 | 577.305 | 497.792 |
| 5) | L1 AR-1016-3 | 5.353 | 4.734 | 857276 | 530274 | 575.537 | 490.151m |
| 6) | L1 AR-1016-4 | 5.451 | 4.775 | 714202 | 446919 | 590.371m | 494.931m |
| 7) | L1 AR-1016-5 | 5.737 | 4.983 | 738660 | 582165 | 575.219m | 505.383 |
| 31) | L7 AR-1260-1 | 6.844 | 5.991 | 1439633 | 1130135 | 534.024 | 495.911 |
| 32) | L7 AR-1260-2 | 7.100 | 6.178 | 1759460 | 1419455 | 474.187 | 484.476 |
| 33) | L7 AR-1260-3 | 7.454 | 6.326 | 1508188 | 1276277 | 460.328 | 481.771 |
| 34) | L7 AR-1260-4 | 7.681 | 6.789 | 1482249 | 1055480 | 482.610 | 466.494 |
| 35) | L7 AR-1260-5 | 7.987 | 7.032 | 3005988 | 2471089 | 424.520 | 449.018 |

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

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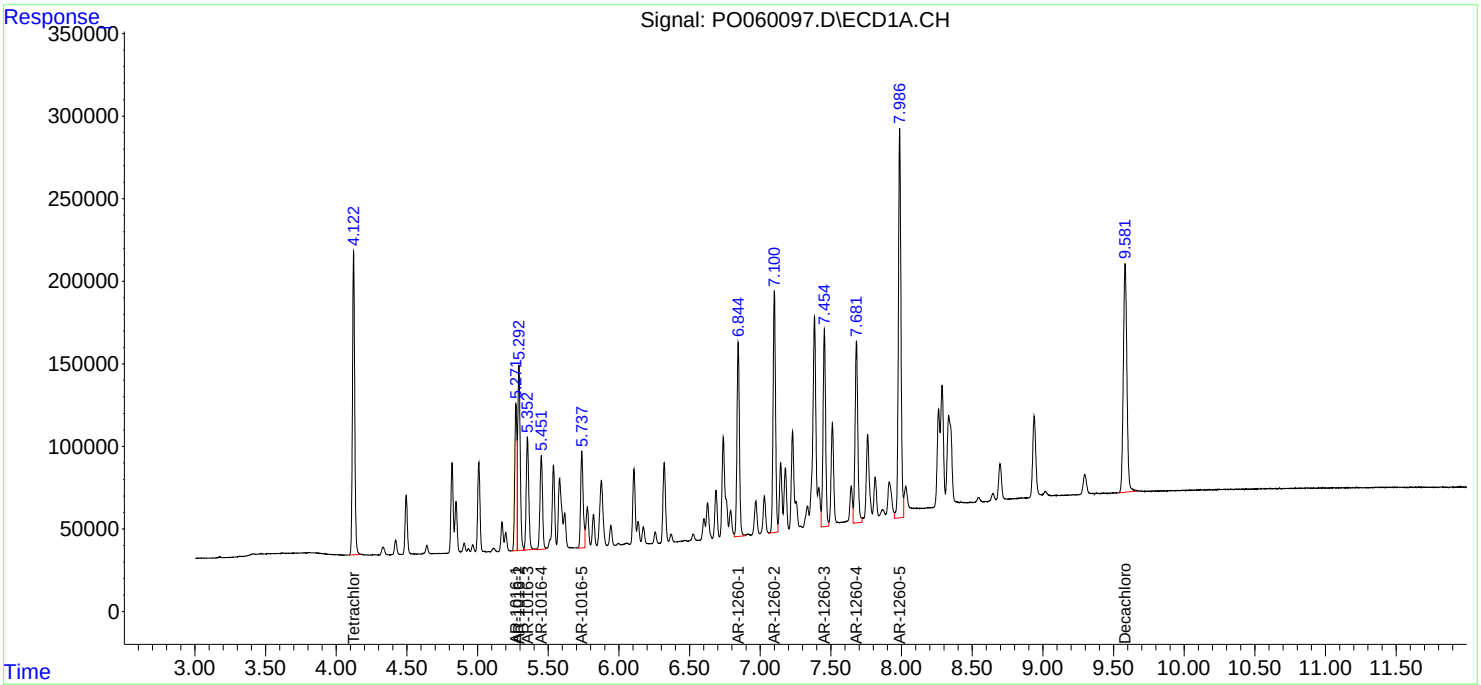


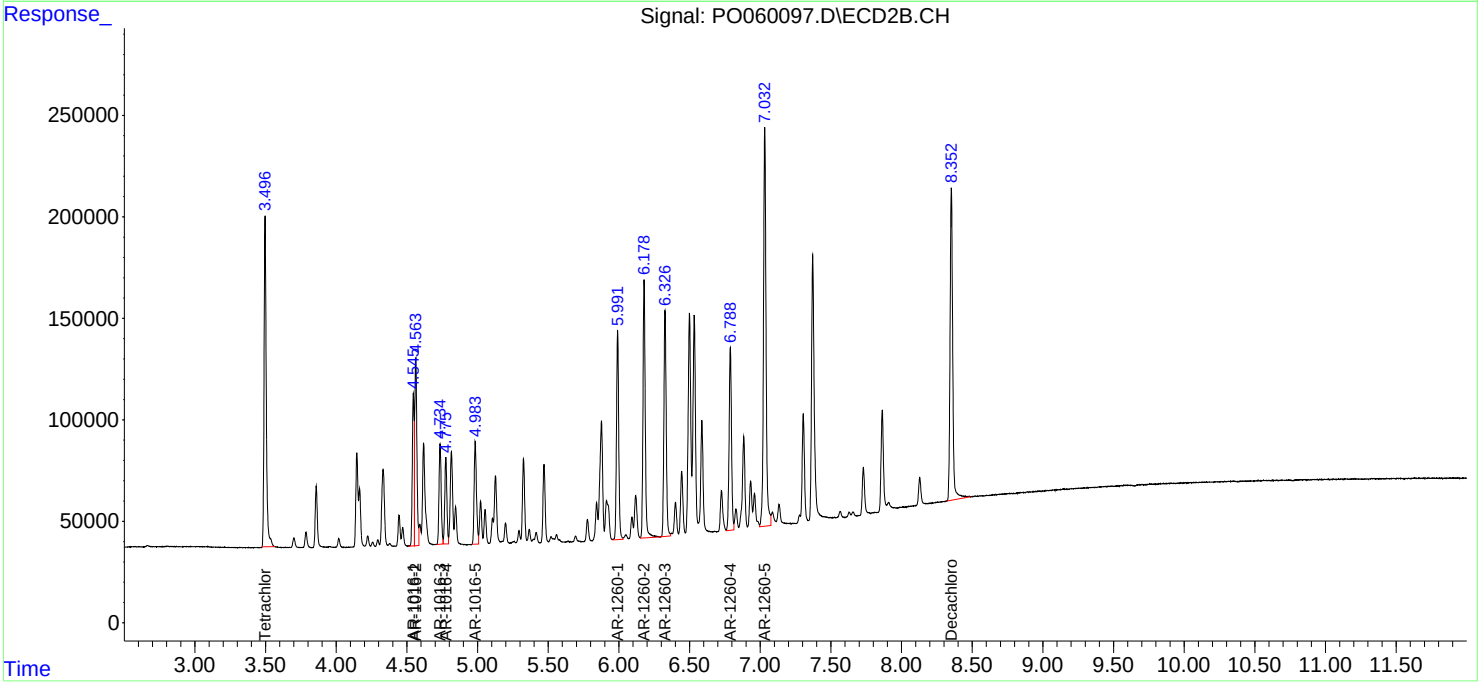

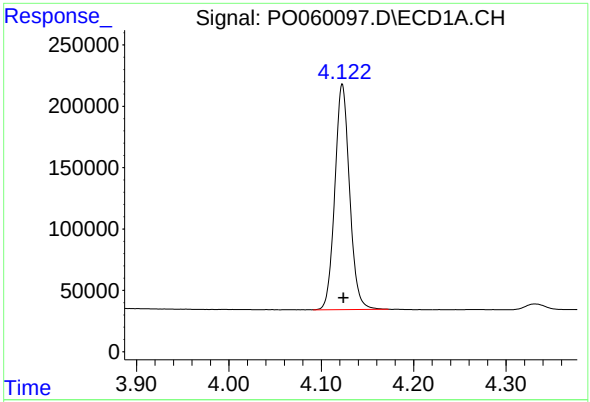


#1 Tetrachloro-m-xylene

R.T.: 4.122 min
Delta R.T.: -0.002 min
Response: 2037396
Conc: 58.19 ng/ml m

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

**Manual Integrations APPROVED**
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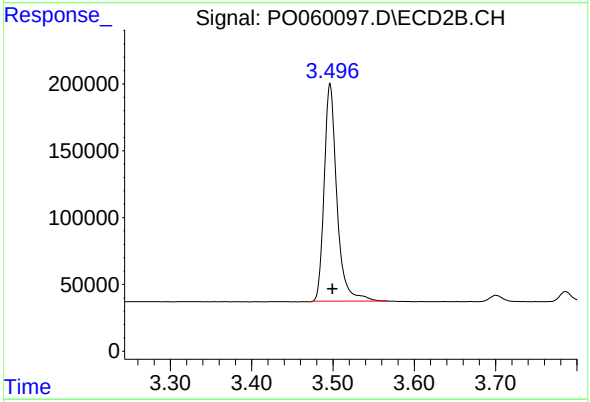
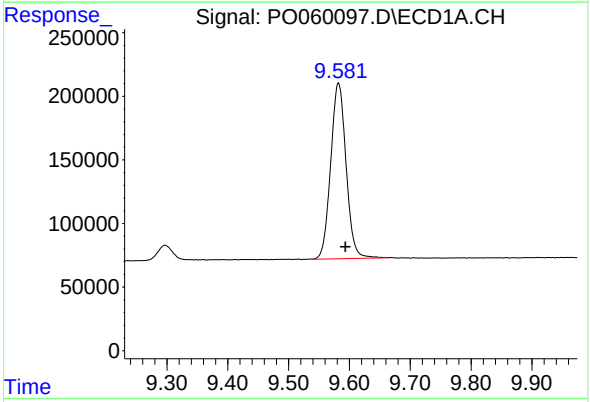


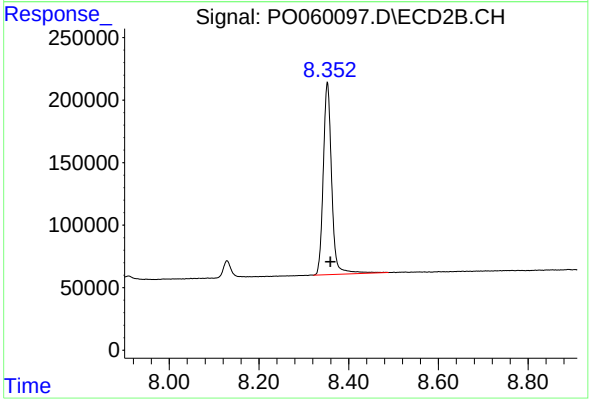

#1 Tetrachloro-m-xylene

R.T.: 3.496 min
Delta R.T.: -0.003 min
Response: 1769936
Conc: 49.17 ng/ml



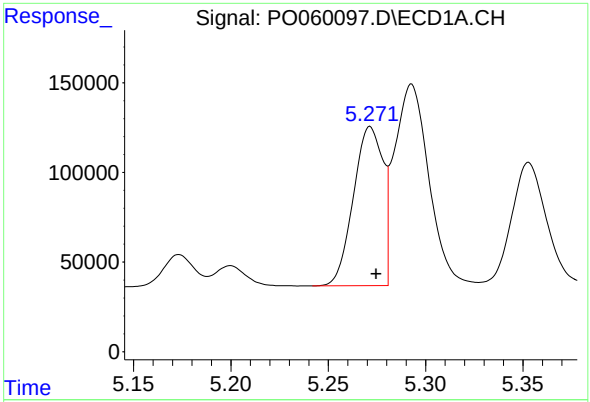

#2 Decachlorobiphenyl

R.T.: 9.581 min
Delta R.T.: -0.012 min
Response: 2432283
Conc: 45.72 ng/ml m




#2 Decachlorobiphenyl

R.T.: 8.353 min
Delta R.T.: -0.007 min
Response: 1996672
Conc: 49.52 ng/ml




#3 AR-1016-1

R.T.: 5.272 min
Delta R.T.: -0.003 min
Response: 935266
Conc: 583.13 ng/ml

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

**Manual Integrations APPROVED**
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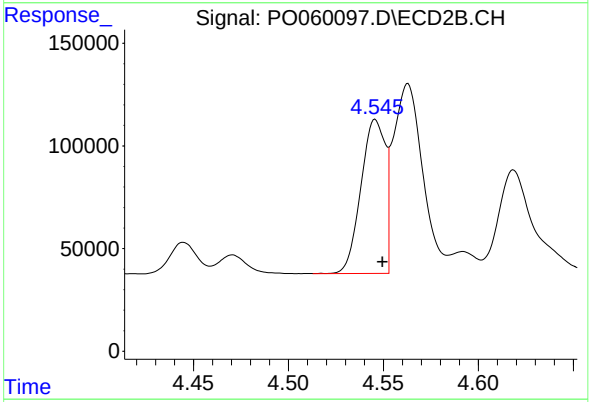
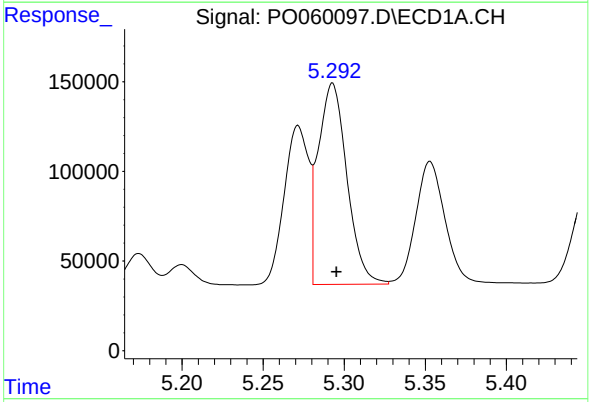


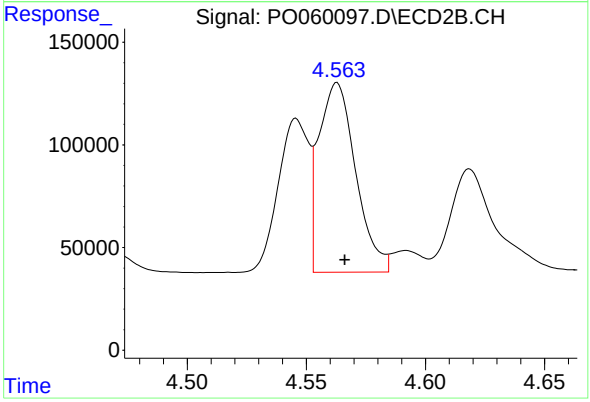

#3 AR-1016-1

R.T.: 4.546 min
Delta R.T.: -0.004 min
Response: 667975
Conc: 494.09 ng/ml



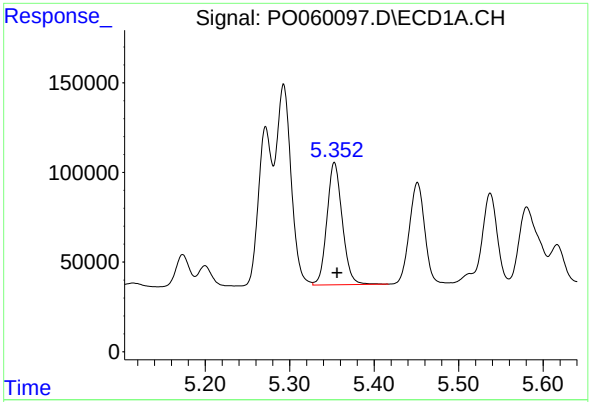

#4 AR-1016-2

R.T.: 5.293 min
Delta R.T.: -0.002 min
Response: 1381200
Conc: 577.31 ng/ml




#4 AR-1016-2

R.T.: 4.563 min
Delta R.T.: -0.003 min
Response: 997083
Conc: 497.79 ng/ml




#5 AR-1016-3

R.T.: 5.353 min
Delta R.T.: -0.003 min
Response: 857276
Conc: 575.54 ng/ml

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

**Manual Integrations APPROVED**
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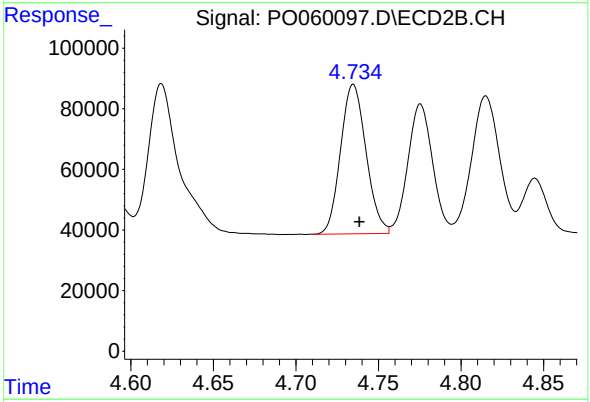
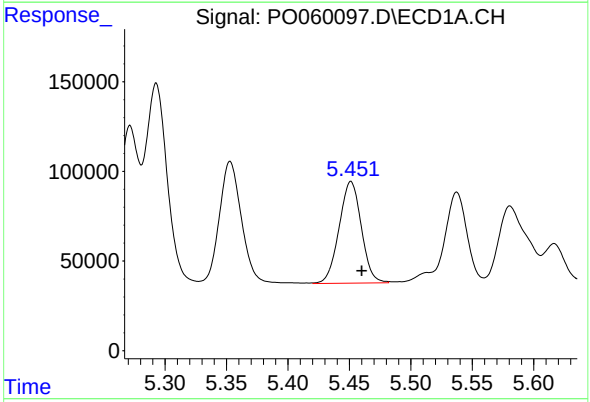


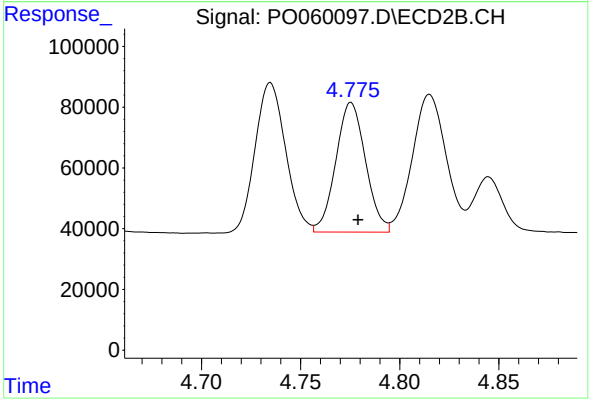

#5 AR-1016-3

R.T.: 4.734 min
Delta R.T.: -0.004 min
Response: 530274
Conc: 490.15 ng/ml m



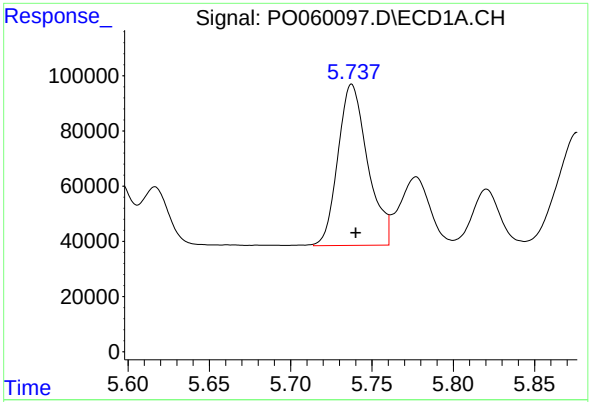

#6 AR-1016-4

R.T.: 5.451 min
Delta R.T.: -0.009 min
Response: 714202
Conc: 590.37 ng/ml m




#6 AR-1016-4

R.T.: 4.775 min
Delta R.T.: -0.004 min
Response: 446919
Conc: 494.93 ng/ml m




#7 AR-1016-5

R.T.: 5.737 min
Delta R.T.: -0.003 min
Response: 738660
Conc: 575.22 ng/ml m

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

**Manual Integrations APPROVED**
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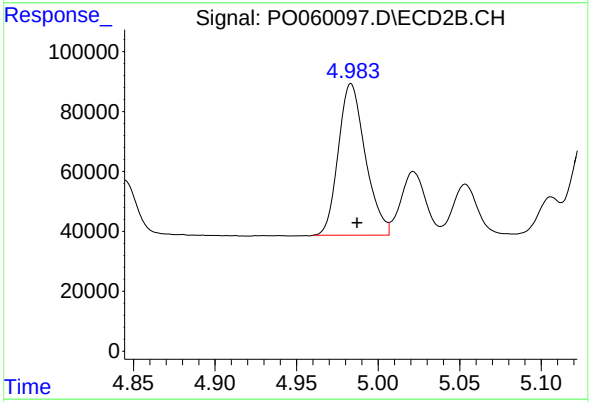
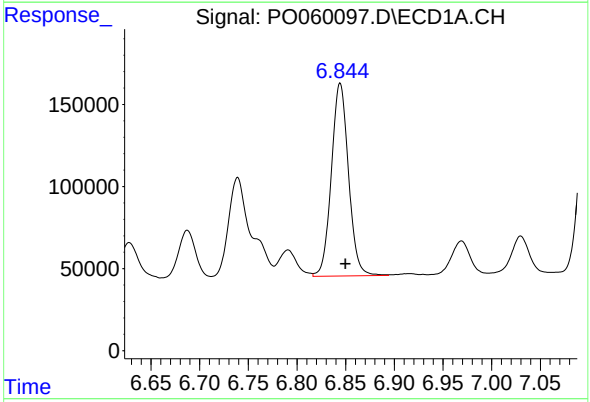


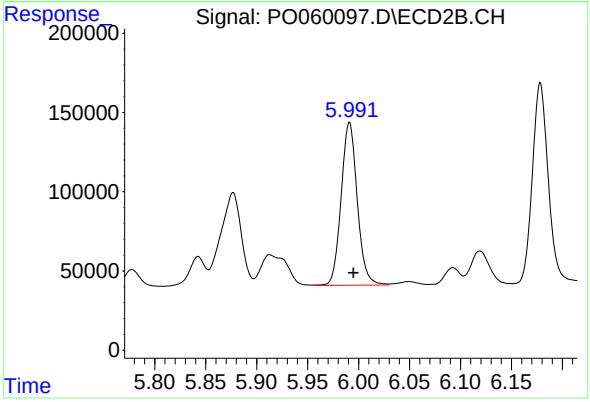

#7 AR-1016-5

R.T.: 4.983 min
Delta R.T.: -0.004 min
Response: 582165
Conc: 505.38 ng/ml



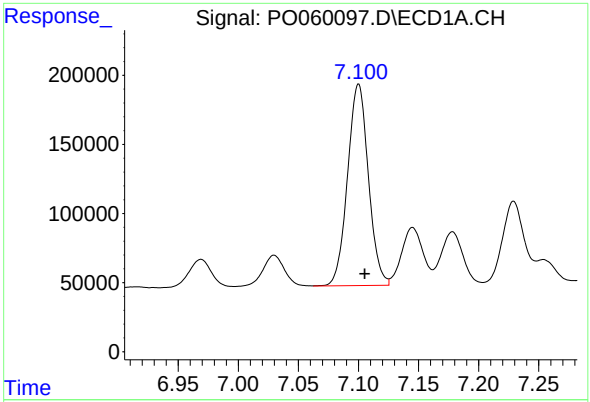

#31 AR-1260-1

R.T.: 6.844 min
Delta R.T.: -0.005 min
Response: 1439633
Conc: 534.02 ng/ml




#31 AR-1260-1

R.T.: 5.991 min
Delta R.T.: -0.004 min
Response: 1130135
Conc: 495.91 ng/ml




#32 AR-1260-2

R.T.: 7.100 min
Delta R.T.: -0.005 min
Response: 1759460
Conc: 474.19 ng/ml

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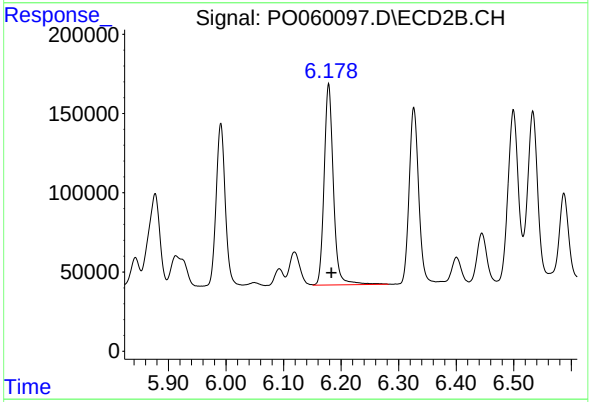
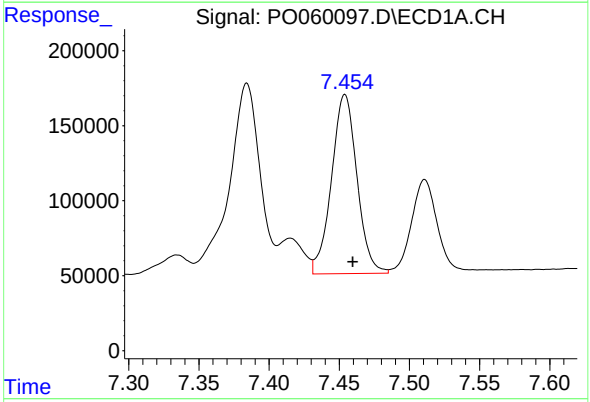


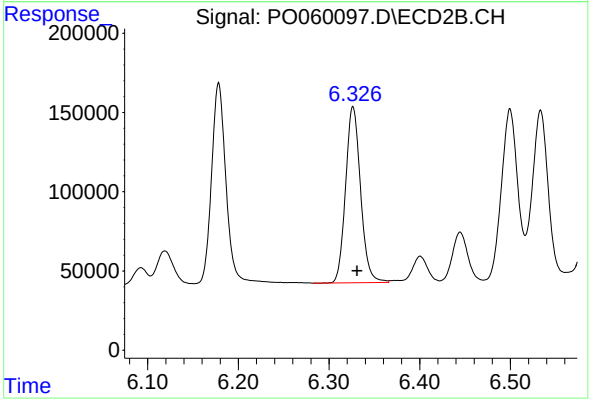

#32 AR-1260-2

R.T.: 6.178 min
Delta R.T.: -0.005 min
Response: 1419455
Conc: 484.48 ng/ml



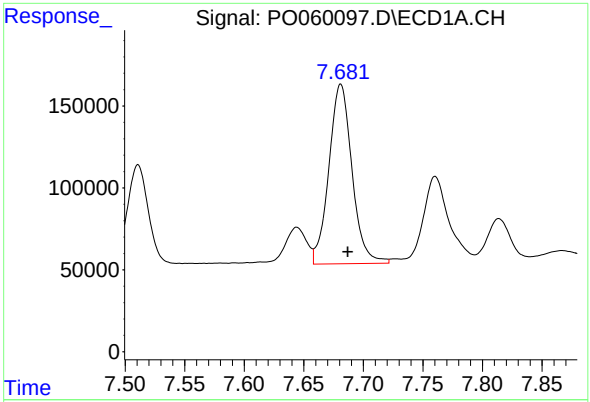

#33 AR-1260-3

R.T.: 7.454 min
Delta R.T.: -0.006 min
Response: 1508188
Conc: 460.33 ng/ml




#33 AR-1260-3

R.T.: 6.326 min
Delta R.T.: -0.004 min
Response: 1276277
Conc: 481.77 ng/ml




#34 AR-1260-4

R.T.: 7.681 min
Delta R.T.: -0.006 min
Response: 1482249
Conc: 482.61 ng/ml

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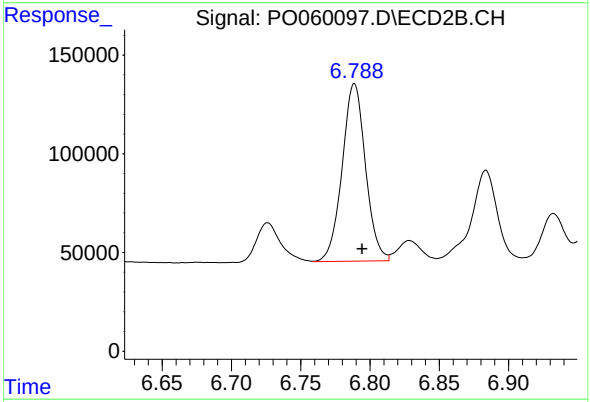
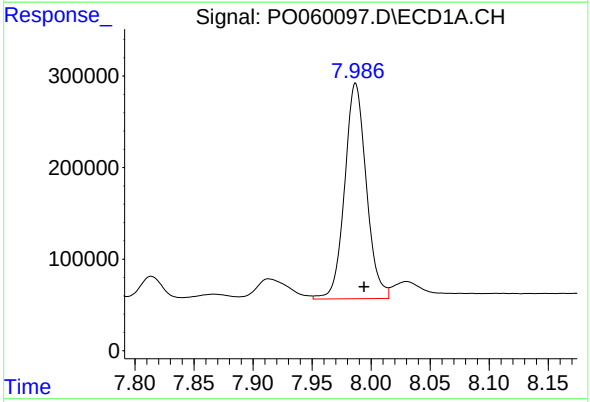


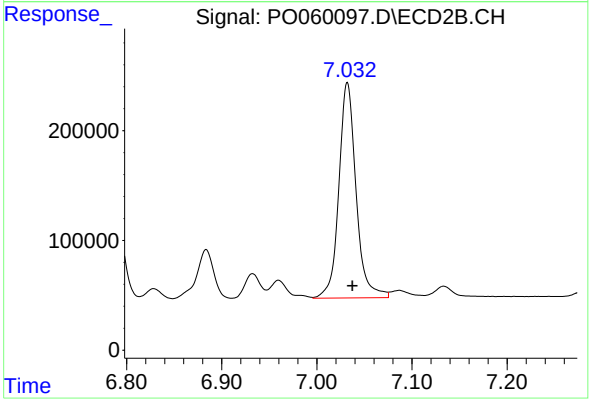

#34 AR-1260-4

R.T.: 6.789 min
Delta R.T.: -0.005 min
Response: 1055480
Conc: 466.49 ng/ml




#35 AR-1260-5

R.T.: 7.987 min
Delta R.T.: -0.007 min
Response: 3005988
Conc: 424.52 ng/ml




#35 AR-1260-5

R.T.: 7.032 min
Delta R.T.: -0.005 min
Response: 2471089
Conc: 449.02 ng/ml