Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061019\
Data File : PO057063.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Jun 2019 22:51
Operator : SM/SJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
Ankita
6/11/2019 2:44:51 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 06:01:26 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO052319.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 24 00:11:05 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... | 4.244 | 3.564 | 2527924 | 2029721 | 66.032 | 61.547 |
| 2) | SA Decachlor... | 9.811 | 8.494 | 2218348 | 1621711 | 45.195 | 45.481 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.404 | 4.631 | 927936 | 661620 | 515.915m | 525.727m |
| 4) | L1 AR-1016-2 | 5.426 | 4.649 | 1383108 | 1004006 | 550.803 | 557.279 |
| 5) | L1 AR-1016-3 | 5.487 | 4.823 | 846269 | 538176 | 526.517 | 545.847 |
| 6) | L1 AR-1016-4 | 5.585 | 4.864 | 688543 | 444221 | 524.885 | 536.601 |
| 7) | L1 AR-1016-5 | 5.876 | 5.074 | 695348 | 559674 | 503.289 | 521.732m |
| 31) | L7 AR-1260-1 | 6.992 | 6.095 | 1136080 | 967437 | 442.713 | 483.626 |
| 32) | L7 AR-1260-2 | 7.248 | 6.283 | 1340337 | 1196629 | 443.209 | 485.456 |
| 33) | L7 AR-1260-3 | 7.604 | 6.434 | 1073518 | 1070522 | 445.619 | 477.224 |
| 34) | L7 AR-1260-4 | 7.830 | 6.901 | 1117836 | 887847 | 426.784 | 477.076 |
| 35) | L7 AR-1260-5 | 8.137 | 7.143 | 2163241 | 2139182 | 452.364m | 496.062 |

(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\PO061019\
Data File : PO057063.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 10 Jun 2019 22:51
Operator : SM/SJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
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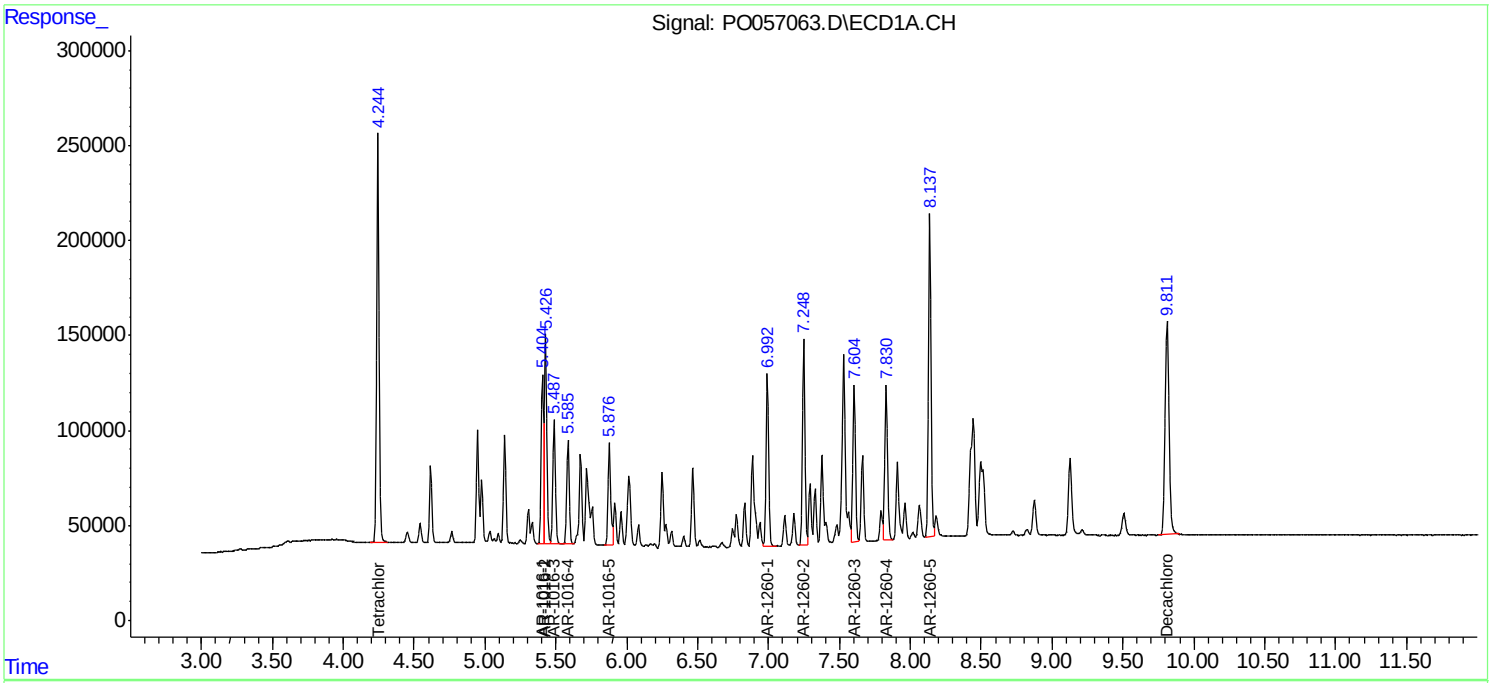
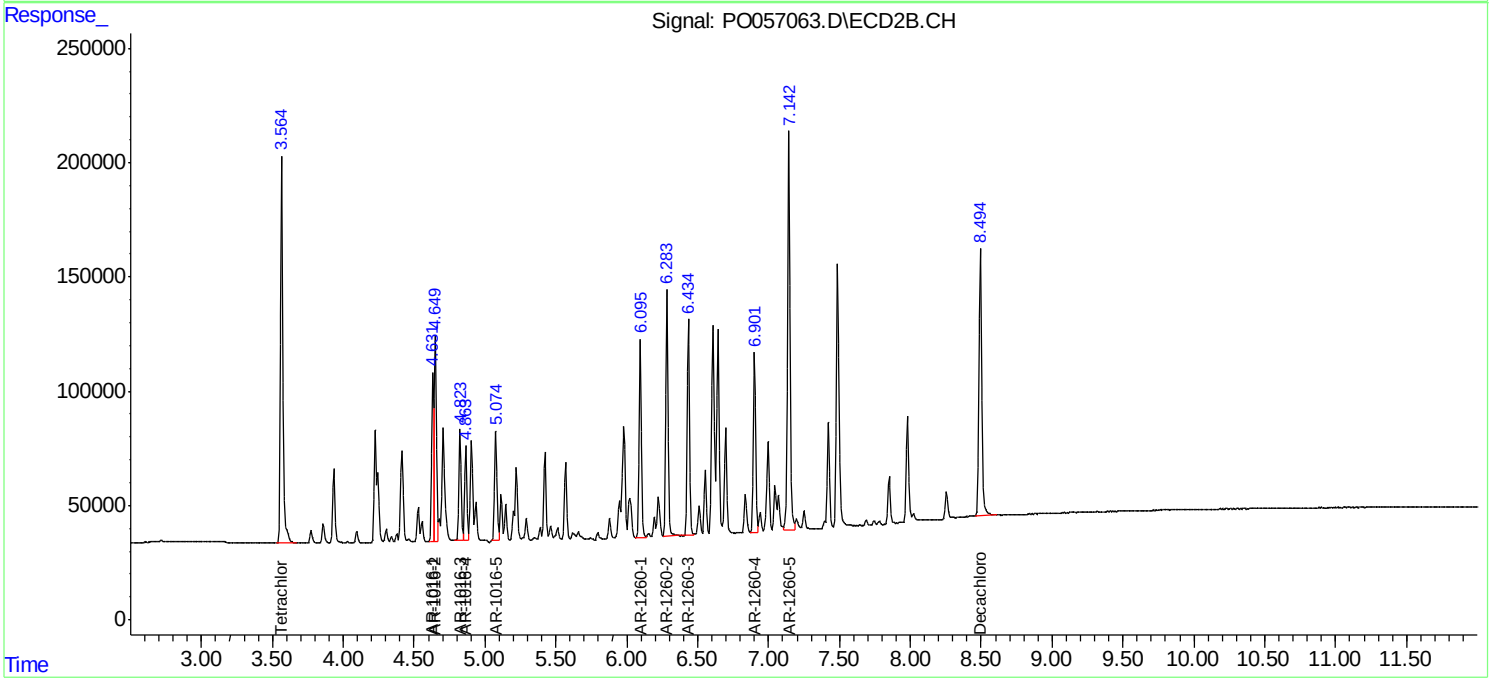
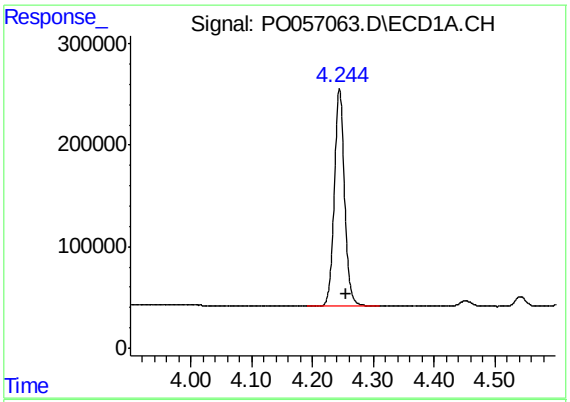
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 06:01:26 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO052319.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 24 00:11:05 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 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






#1 Tetrachloro-m-xylene

R.T.: 4.244 min
Delta R.T.: -0.012 min
Response: 2527924
Conc: 66.03 ng/ml

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

**Manual Integrations APPROVED**
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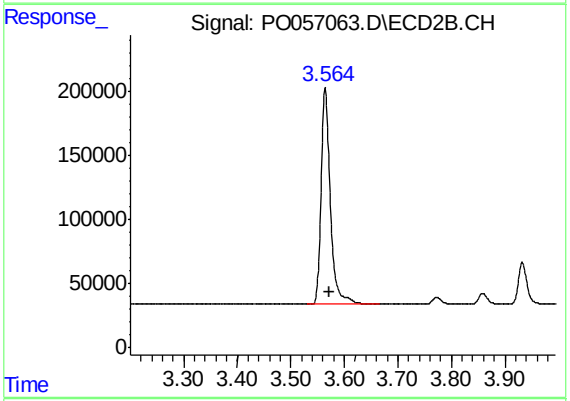
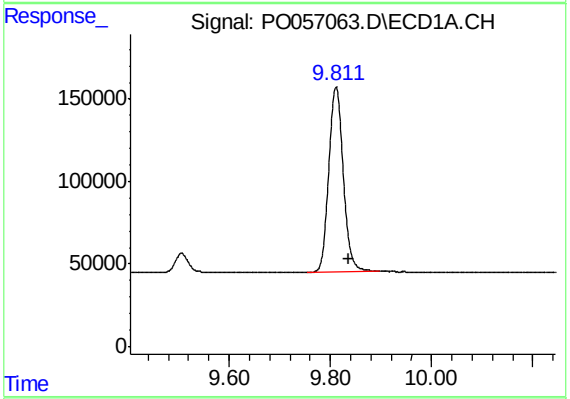


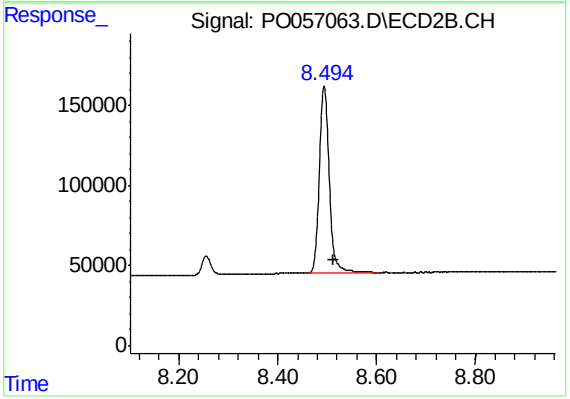

#1 Tetrachloro-m-xylene

R.T.: 3.564 min
Delta R.T.: -0.009 min
Response: 2029721
Conc: 61.55 ng/ml



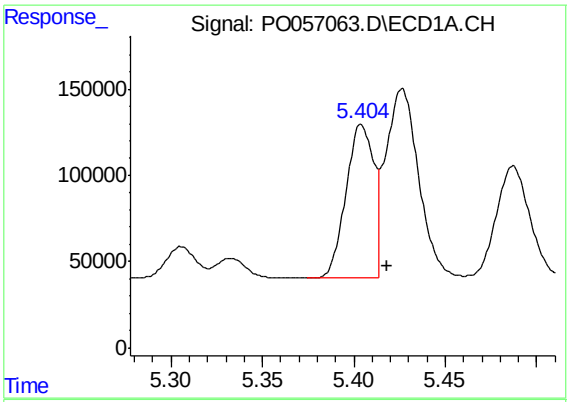

#2 Decachlorobiphenyl

R.T.: 9.811 min
Delta R.T.: -0.025 min
Response: 2218348
Conc: 45.20 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.494 min
Delta R.T.: -0.019 min
Response: 1621711
Conc: 45.48 ng/ml




#3 AR-1016-1

R.T.: 5.404 min
Delta R.T.: -0.015 min
Response: 927936
Conc: 515.92 ng/ml m

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

**Manual Integrations APPROVED**
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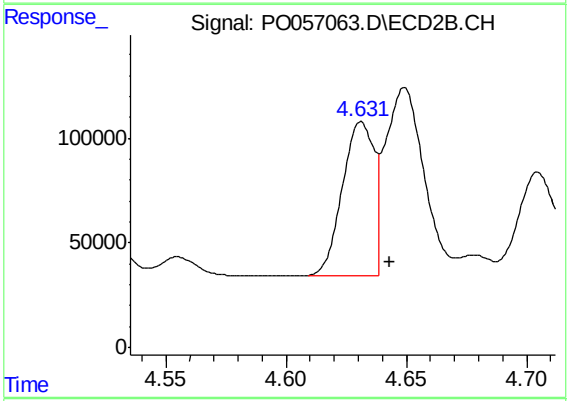
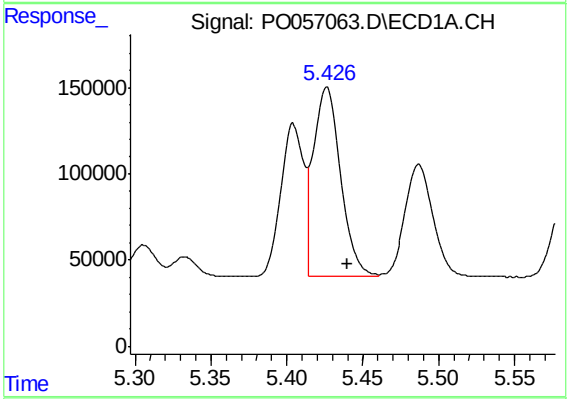


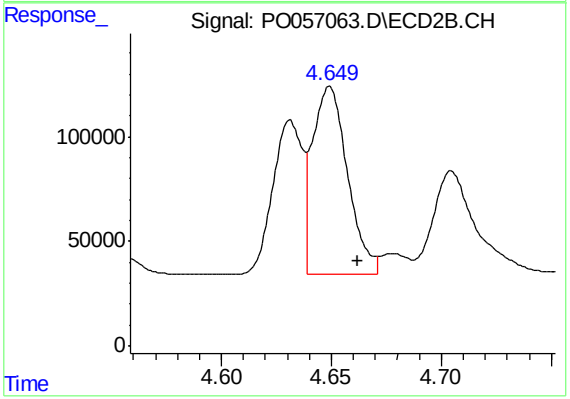

#3 AR-1016-1

R.T.: 4.631 min
Delta R.T.: -0.013 min
Response: 661620
Conc: 525.73 ng/ml m



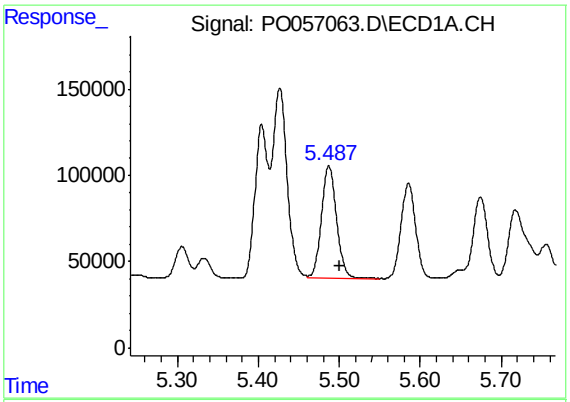

#4 AR-1016-2

R.T.: 5.426 min
Delta R.T.: -0.013 min
Response: 1383108
Conc: 550.80 ng/ml




#4 AR-1016-2

R.T.: 4.649 min
Delta R.T.: -0.013 min
Response: 1004006
Conc: 557.28 ng/ml




#5 AR-1016-3

R.T.: 5.487 min
Delta R.T.: -0.013 min
Response: 846269
Conc: 526.52 ng/ml

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

**Manual Integrations APPROVED**
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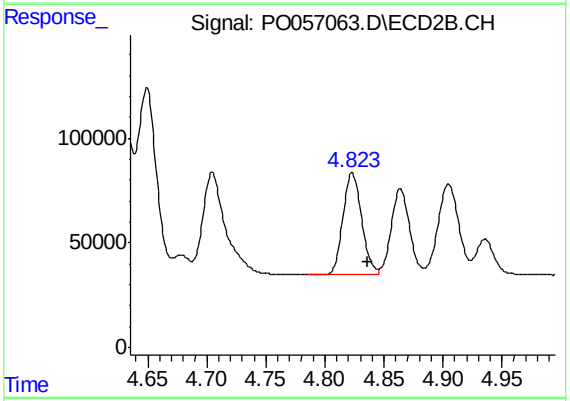
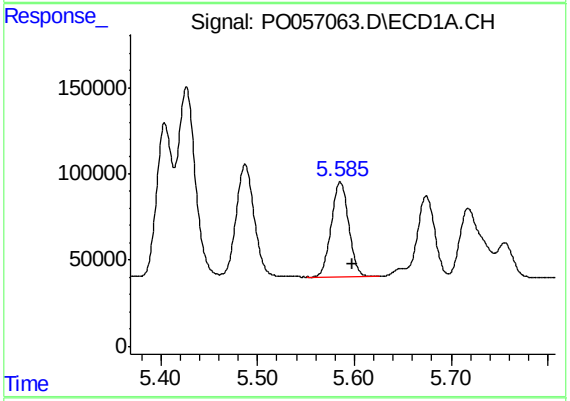


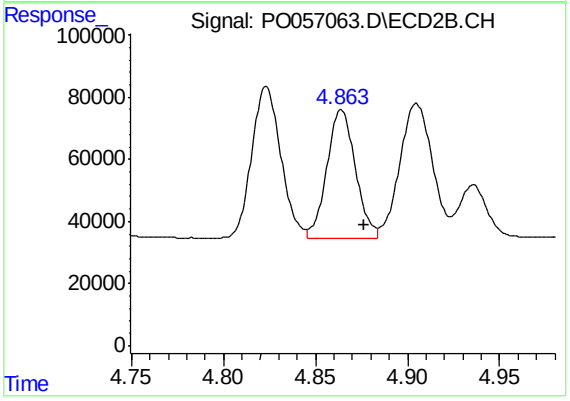

#5 AR-1016-3

R.T.: 4.823 min
Delta R.T.: -0.013 min
Response: 538176
Conc: 545.85 ng/ml



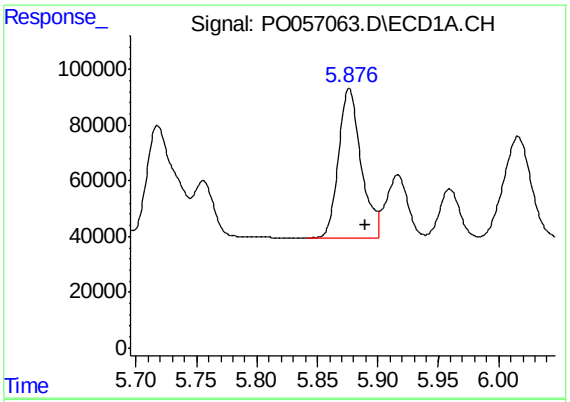

#6 AR-1016-4

R.T.: 5.585 min
Delta R.T.: -0.013 min
Response: 688543
Conc: 524.88 ng/ml




#6 AR-1016-4

R.T.: 4.864 min
Delta R.T.: -0.012 min
Response: 444221
Conc: 536.60 ng/ml




#7 AR-1016-5

R.T.: 5.876 min
Delta R.T.: -0.014 min
Response: 695348
Conc: 503.29 ng/ml

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

**Manual Integrations APPROVED**
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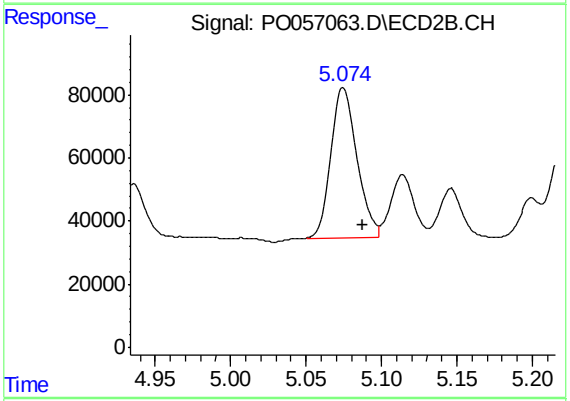
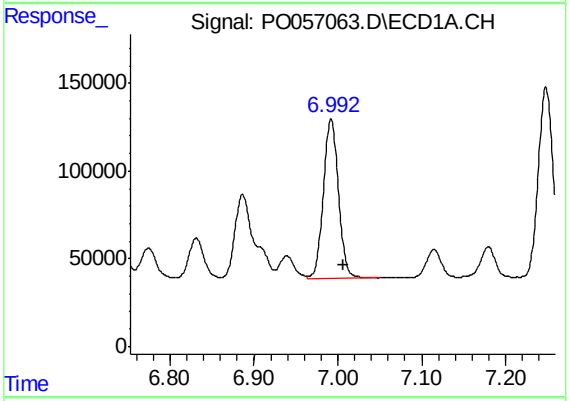


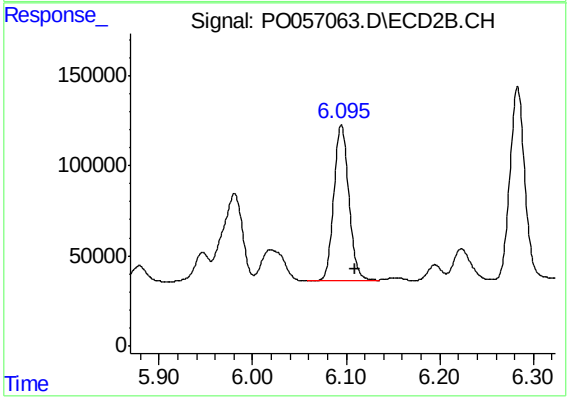

#7 AR-1016-5

R.T.: 5.074 min
Delta R.T.: -0.014 min
Response: 559674
Conc: 521.73 ng/ml m



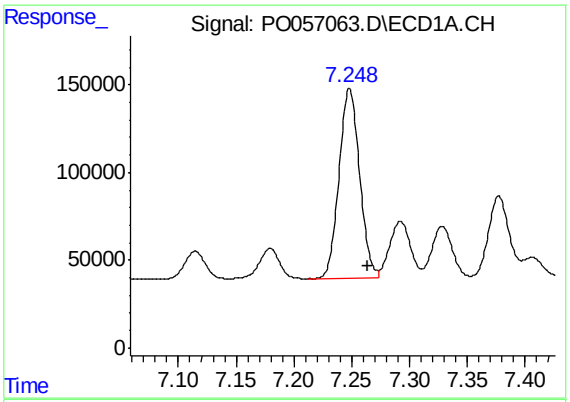

#31 AR-1260-1

R.T.: 6.992 min
Delta R.T.: -0.015 min
Response: 1136080
Conc: 442.71 ng/ml




#31 AR-1260-1

R.T.: 6.095 min
Delta R.T.: -0.015 min
Response: 967437
Conc: 483.63 ng/ml




#32 AR-1260-2

R.T.: 7.248 min
Delta R.T.: -0.016 min
Response: 1340337
Conc: 443.21 ng/ml

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

**Manual Integrations APPROVED**
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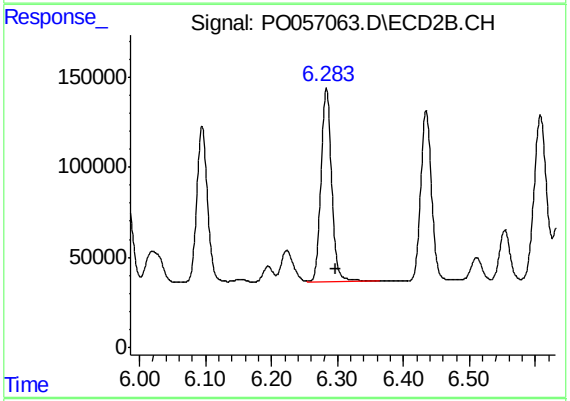
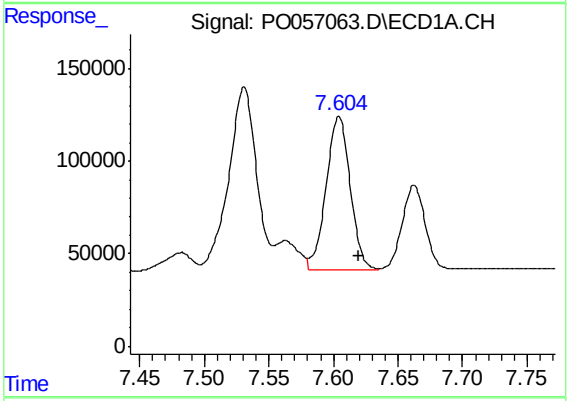


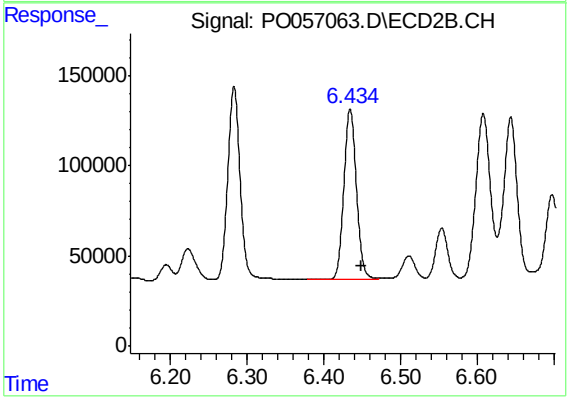

#32 AR-1260-2

R.T.: 6.283 min
Delta R.T.: -0.014 min
Response: 1196629
Conc: 485.46 ng/ml



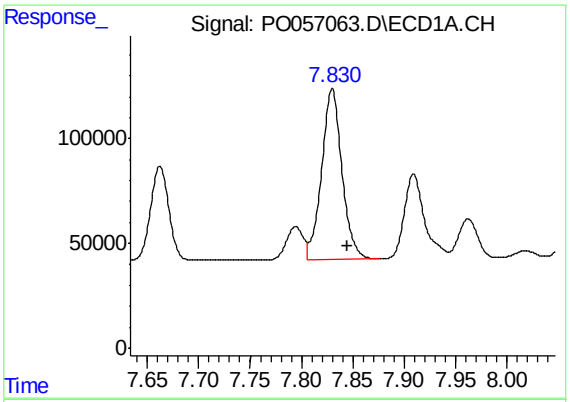

#33 AR-1260-3

R.T.: 7.604 min
Delta R.T.: -0.016 min
Response: 1073518
Conc: 445.62 ng/ml




#33 AR-1260-3

R.T.: 6.434 min
Delta R.T.: -0.015 min
Response: 1070522
Conc: 477.22 ng/ml




#34 AR-1260-4

R.T.: 7.830 min
Delta R.T.: -0.015 min
Response: 1117836
Conc: 426.78 ng/ml

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

**Manual Integrations APPROVED**
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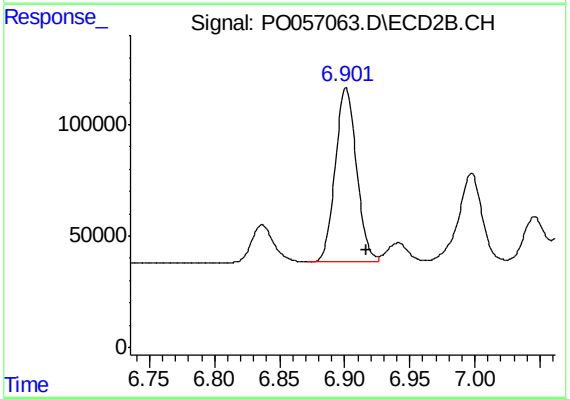
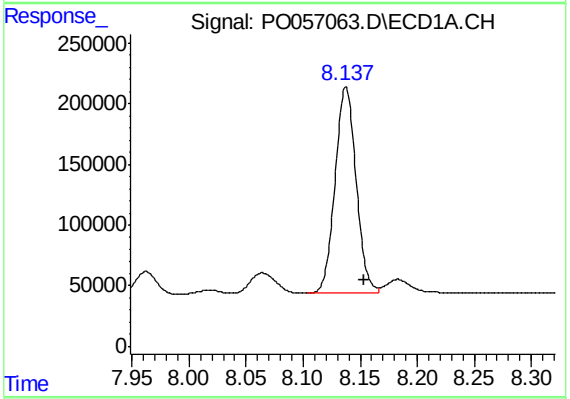


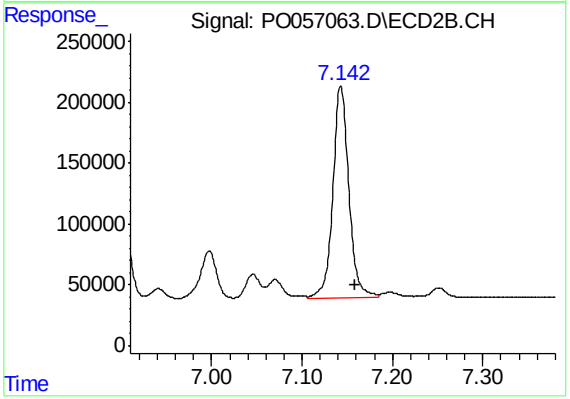

#34 AR-1260-4

R.T.: 6.901 min
Delta R.T.: -0.016 min
Response: 887847
Conc: 477.08 ng/ml




#35 AR-1260-5

R.T.: 8.137 min
Delta R.T.: -0.016 min
Response: 2163241
Conc: 452.36 ng/ml m




#35 AR-1260-5

R.T.: 7.143 min
Delta R.T.: -0.015 min
Response: 2139182
Conc: 496.06 ng/ml