Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO091819\
Data File : PO061104.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Sep 2019 23:10
Operator : SM/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 100 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: Sep 19 01:18:04 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091319.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 14 00:06:36 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... | 4.362 | 3.525 | 2087542 | 1541136 | 56.741 | 55.194m |
| 2) | SA Decachlor... | 10.020 | 8.402 | 2276581 | 1632312 | 49.549 | 46.569m |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.525 | 4.580 | 925509 | 677006 | 579.115 | 547.632 |
| 4) | L1 AR-1016-2 | 5.548 | 4.598 | 1325390 | 941228 | 578.937 | 553.231 |
| 5) | L1 AR-1016-3 | 5.609 | 4.768 | 811232 | 521959 | 565.089 | 538.396 |
| 6) | L1 AR-1016-4 | 5.707 | 4.810 | 667604 | 429533 | 565.971 | 524.766 |
| 7) | L1 AR-1016-5 | 6.000 | 5.016 | 703973 | 561823 | 561.582 | 536.414 |
| 31) | L7 AR-1260-1 | 7.120 | 6.026 | 1310543 | 1008652 | 538.296 | 479.535 |
| 32) | L7 AR-1260-2 | 7.377 | 6.211 | 1607440 | 1218292 | 531.676 | 472.298 |
| 33) | L7 AR-1260-3 | 7.735 | 6.360 | 1208028 | 1139261 | 506.206 | 473.101m |
| 34) | L7 AR-1260-4 | 7.960 | 6.825 | 1388217 | 957283 | 496.201 | 447.278 |
| 35) | L7 AR-1260-5 | 8.273 | 7.064 | 2644593 | 2121911 | 485.662 | 439.093 |

(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\PO091819\
Data File : PO061104.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Sep 2019 23:10
Operator : SM/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 100 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
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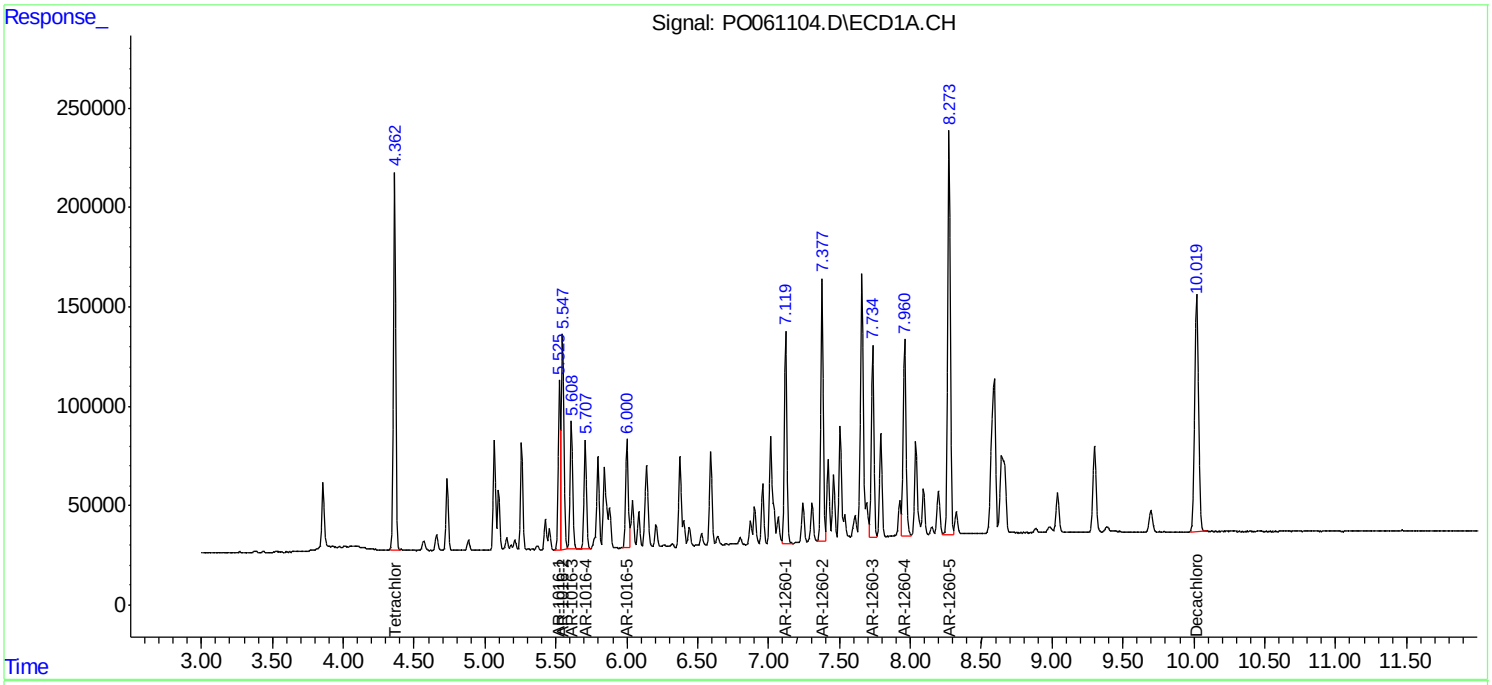
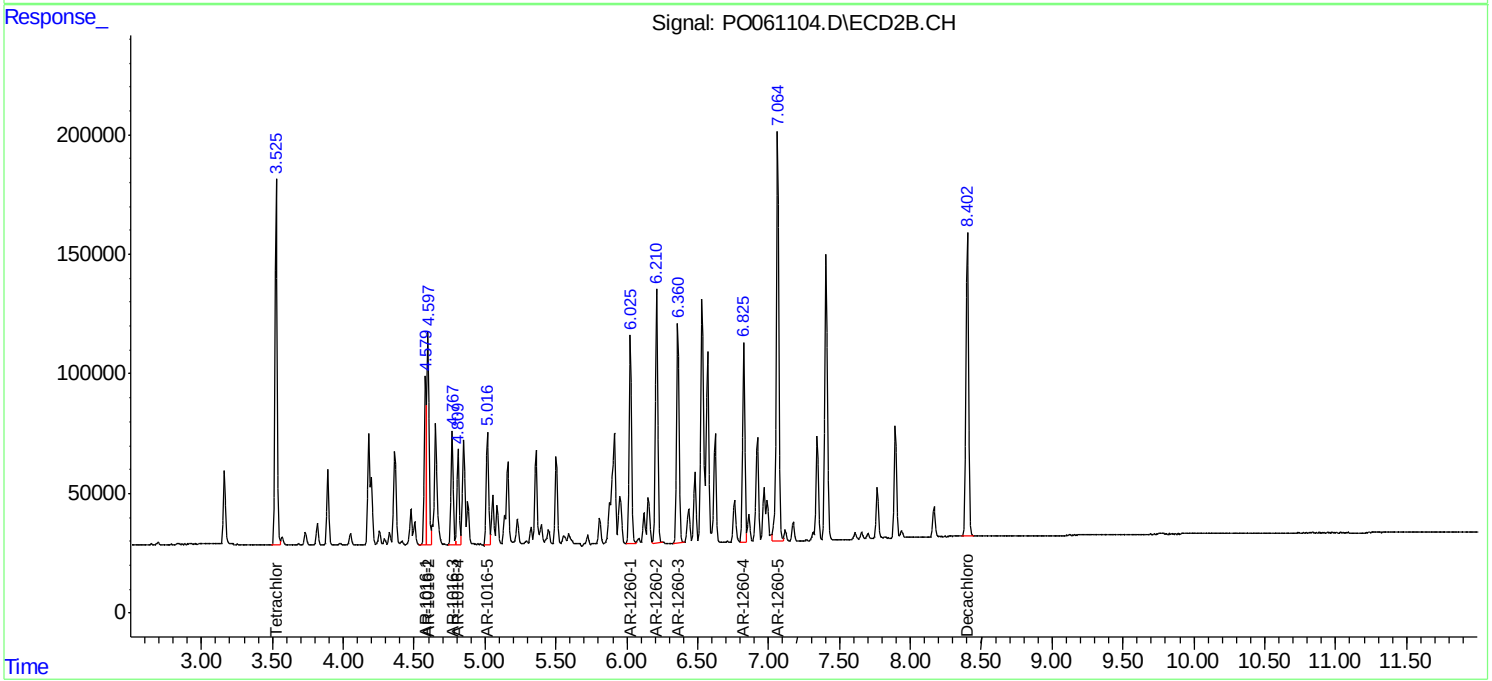
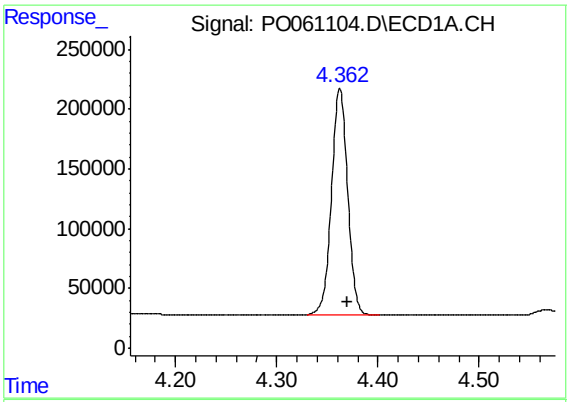
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 19 01:18:04 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO091319.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Sep 14 00:06:36 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 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.: 4.362 min
Delta R.T.: -0.008 min
Response: 2087542
Conc: 56.74 ng/ml

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

**Manual Integrations APPROVED**
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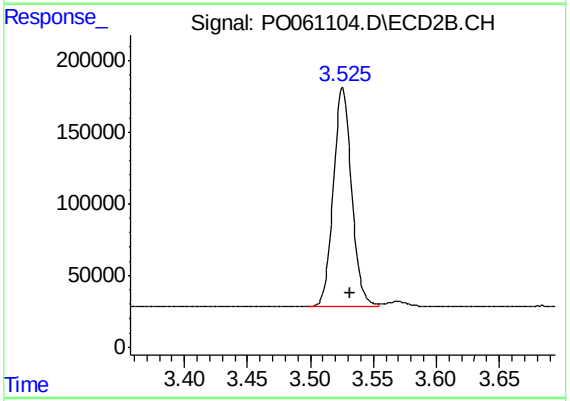
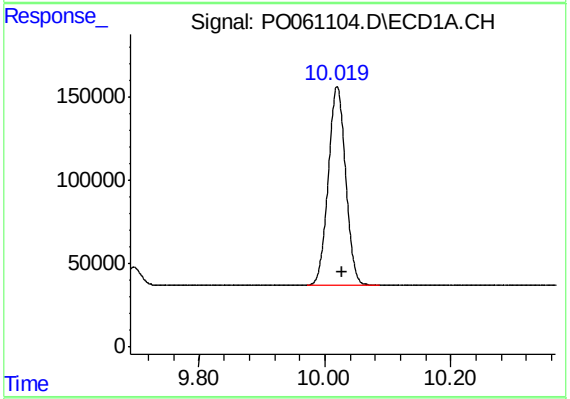


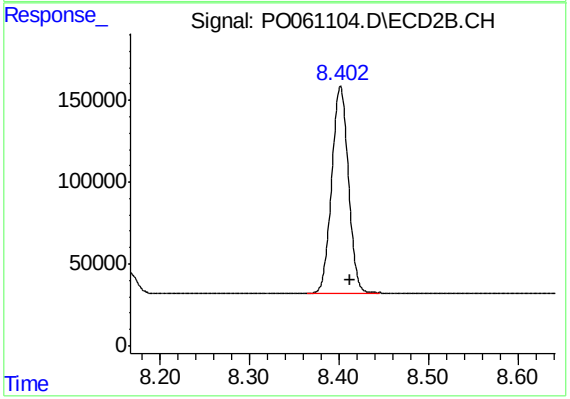

#1 Tetrachloro-m-xylene

R.T.: 3.525 min
Delta R.T.: -0.006 min
Response: 1541136
Conc: 55.19 ng/ml m



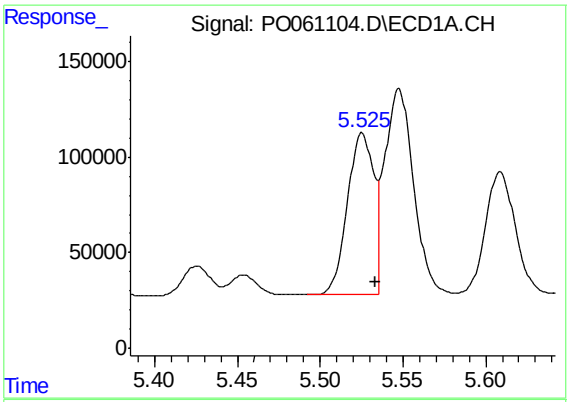

#2 Decachlorobiphenyl

R.T.: 10.020 min
Delta R.T.: -0.008 min
Response: 2276581
Conc: 49.55 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.402 min
Delta R.T.: -0.012 min
Response: 1632312
Conc: 46.57 ng/ml m




#3 AR-1016-1

R.T.: 5.525 min
Delta R.T.: -0.008 min
Response: 925509
Conc: 579.11 ng/ml

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

**Manual Integrations APPROVED**
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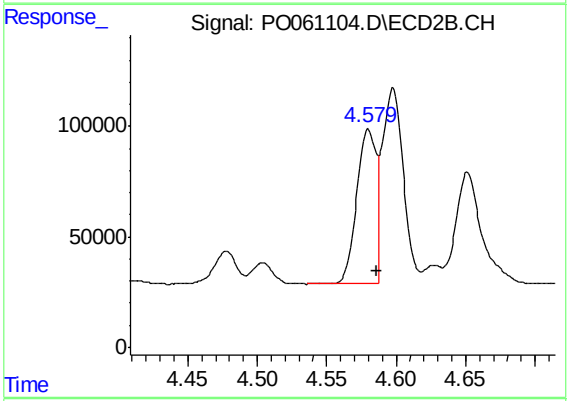
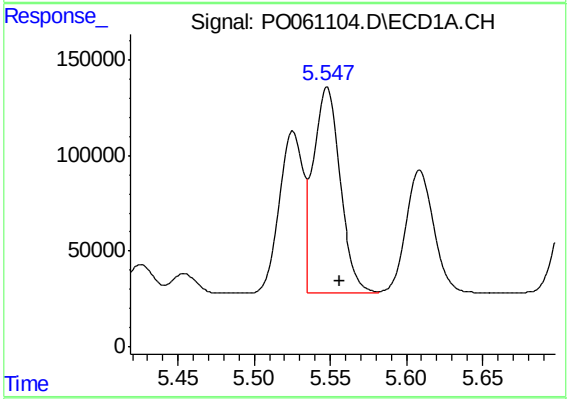


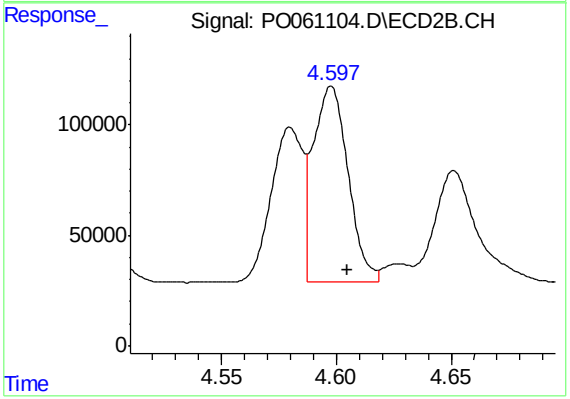

#3 AR-1016-1

R.T.: 4.580 min
Delta R.T.: -0.006 min
Response: 677006
Conc: 547.63 ng/ml



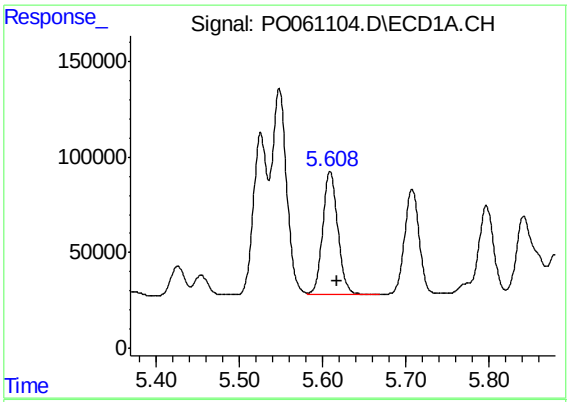

#4 AR-1016-2

R.T.: 5.548 min
Delta R.T.: -0.008 min
Response: 1325390
Conc: 578.94 ng/ml




#4 AR-1016-2

R.T.: 4.598 min
Delta R.T.: -0.007 min
Response: 941228
Conc: 553.23 ng/ml




#5 AR-1016-3

R.T.: 5.609 min
Delta R.T.: -0.009 min
Response: 811232
Conc: 565.09 ng/ml

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

**Manual Integrations APPROVED**
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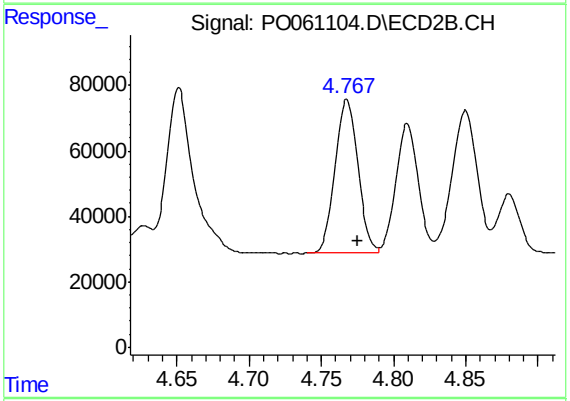
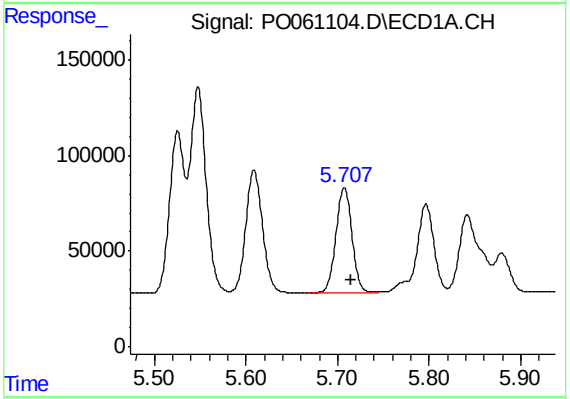


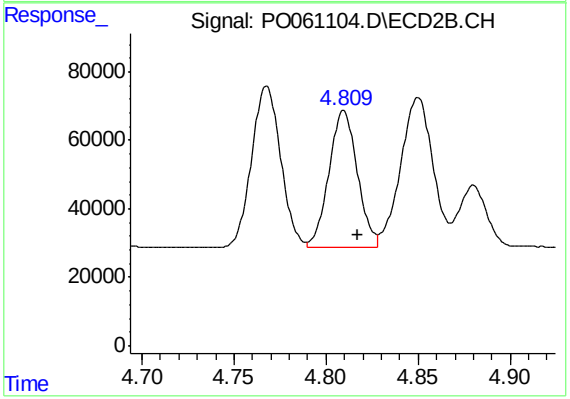

#5 AR-1016-3

R.T.: 4.768 min
Delta R.T.: -0.008 min
Response: 521959
Conc: 538.40 ng/ml



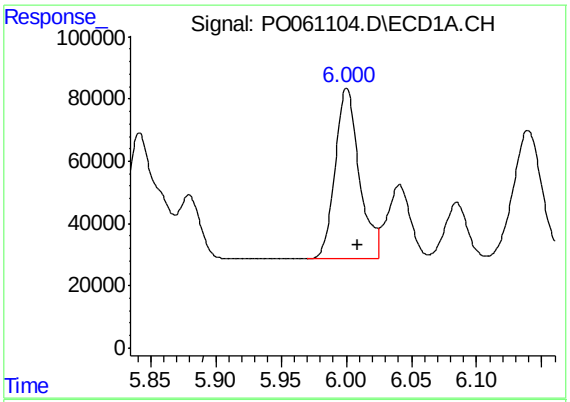

#6 AR-1016-4

R.T.: 5.707 min
Delta R.T.: -0.008 min
Response: 667604
Conc: 565.97 ng/ml




#6 AR-1016-4

R.T.: 4.810 min
Delta R.T.: -0.008 min
Response: 429533
Conc: 524.77 ng/ml




#7 AR-1016-5

R.T.: 6.000 min
Delta R.T.: -0.008 min
Response: 703973
Conc: 561.58 ng/ml

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

**Manual Integrations APPROVED**
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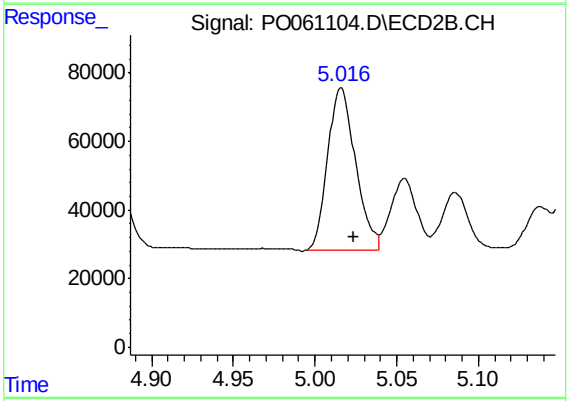
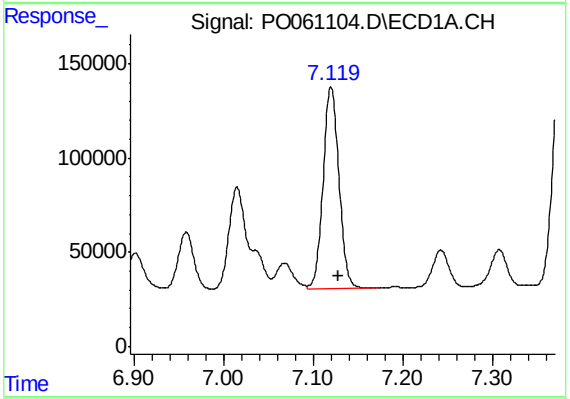


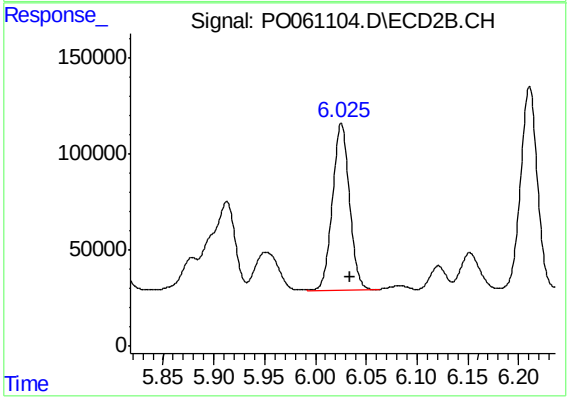

#7 AR-1016-5

R.T.: 5.016 min
Delta R.T.: -0.008 min
Response: 561823
Conc: 536.41 ng/ml



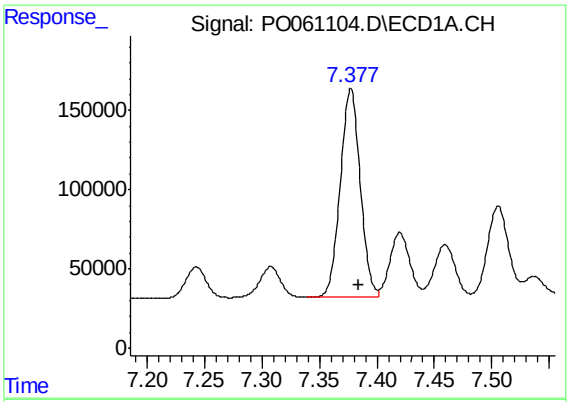

#31 AR-1260-1

R.T.: 7.120 min
Delta R.T.: -0.008 min
Response: 1310543
Conc: 538.30 ng/ml




#31 AR-1260-1

R.T.: 6.026 min
Delta R.T.: -0.009 min
Response: 1008652
Conc: 479.54 ng/ml




#32 AR-1260-2

R.T.: 7.377 min
Delta R.T.: -0.007 min
Response: 1607440
Conc: 531.68 ng/ml

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

**Manual Integrations APPROVED**
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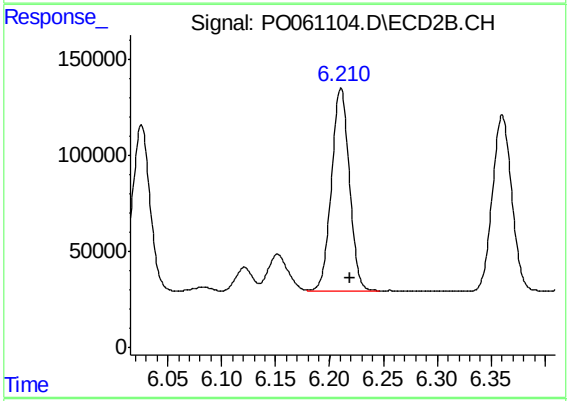
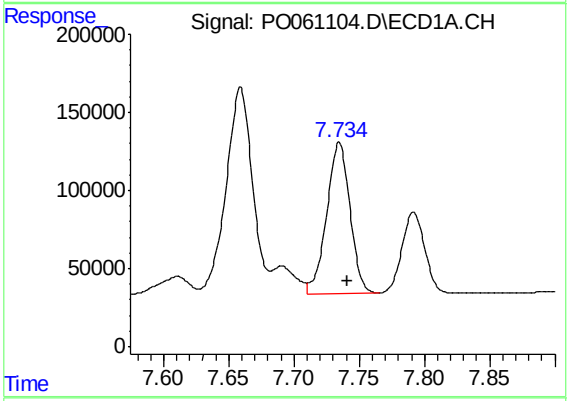


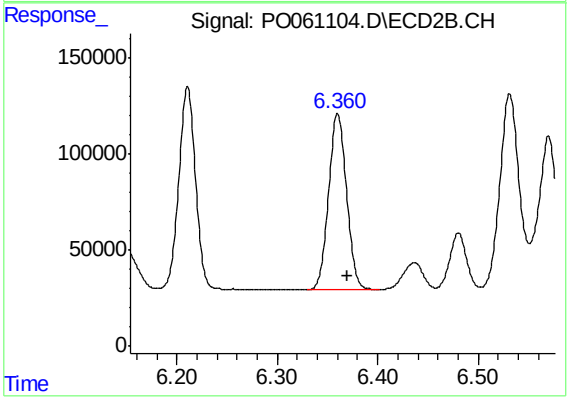

#32 AR-1260-2

R.T.: 6.211 min
Delta R.T.: -0.009 min
Response: 1218292
Conc: 472.30 ng/ml



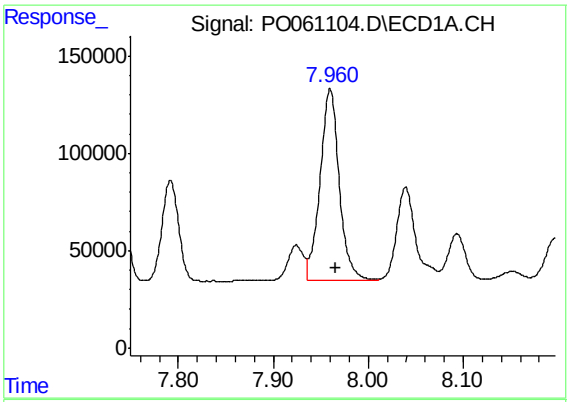

#33 AR-1260-3

R.T.: 7.735 min
Delta R.T.: -0.007 min
Response: 1208028
Conc: 506.21 ng/ml




#33 AR-1260-3

R.T.: 6.360 min
Delta R.T.: -0.010 min
Response: 1139261
Conc: 473.10 ng/ml m




#34 AR-1260-4

R.T.: 7.960 min
Delta R.T.: -0.005 min
Response: 1388217
Conc: 496.20 ng/ml

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

**Manual Integrations APPROVED**
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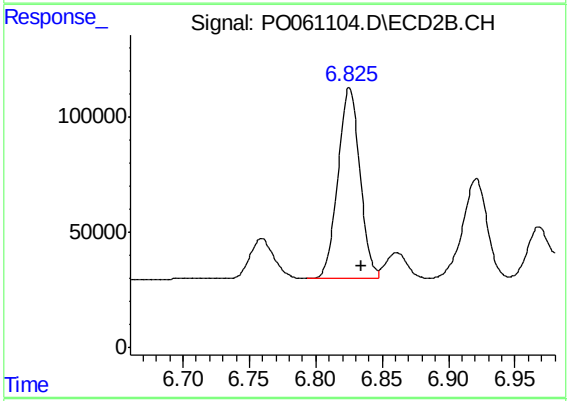
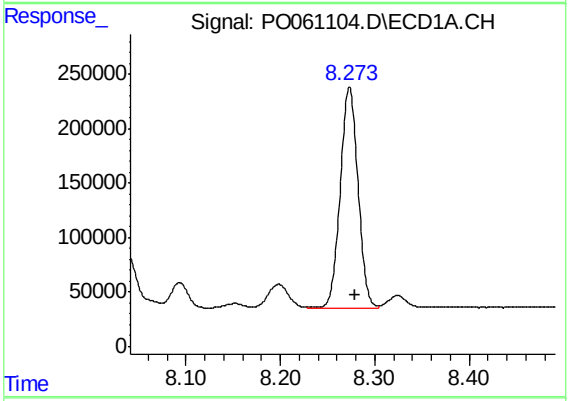


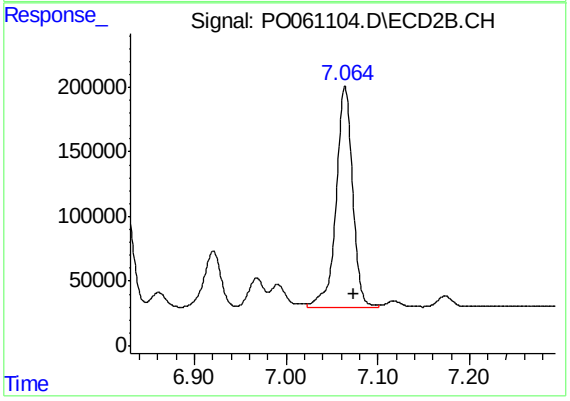

#34 AR-1260-4

R.T.: 6.825 min
Delta R.T.: -0.009 min
Response: 957283
Conc: 447.28 ng/ml




#35 AR-1260-5

R.T.: 8.273 min
Delta R.T.: -0.006 min
Response: 2644593
Conc: 485.66 ng/ml




#35 AR-1260-5

R.T.: 7.064 min
Delta R.T.: -0.009 min
Response: 2121911
Conc: 439.09 ng/ml