Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO122319\
Data File : PO064896.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Dec 2019 23:57
Operator : SM/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 100 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
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12/24/2019 2:09:26 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 24 08:37:09 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO121319.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Dec 13 08:19:24 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... | 4.175 | 3.449 | 1194236 | 1475084 | 49.054 | 58.190 |
| 2) | SA Decachlor... | 9.692 | 8.366 | 1325783 | 1722297 | 43.199 | 49.593 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.327 | 4.512 | 509672 | 625569 | 510.779 | 578.436 |
| 4) | L1 AR-1016-2 | 5.348 | 4.530 | 739907 | 888856 | 509.480 | 591.041 |
| 5) | L1 AR-1016-3 | 5.410 | 4.703 | 453476 | 458552 | 512.519 | 589.879 |
| 6) | L1 AR-1016-4 | 5.506 | 4.745 | 370736 | 390878 | 511.839 | 594.500 |
| 7) | L1 AR-1016-5 | 5.797 | 4.954 | 384078 | 507458 | 527.020m | 581.573m |
| 31) | L7 AR-1260-1 | 6.911 | 5.976 | 707547 | 987638 | 460.550 | 534.870 |
| 32) | L7 AR-1260-2 | 7.168 | 6.164 | 886852 | 1204859 | 449.267m | 517.861 |
| 33) | L7 AR-1260-3 | 7.522 | 6.315 | 688188 | 1118718 | 457.995m | 528.365 |
| 34) | L7 AR-1260-4 | 7.747 | 6.783 | 797879 | 927545 | 431.934 | 492.354 |
| 35) | L7 AR-1260-5 | 8.052 | 7.025 | 1524606 | 2189792 | 408.555m | 466.904 |

(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\PO122319\
Data File : PO064896.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Dec 2019 23:57
Operator : SM/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 100 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
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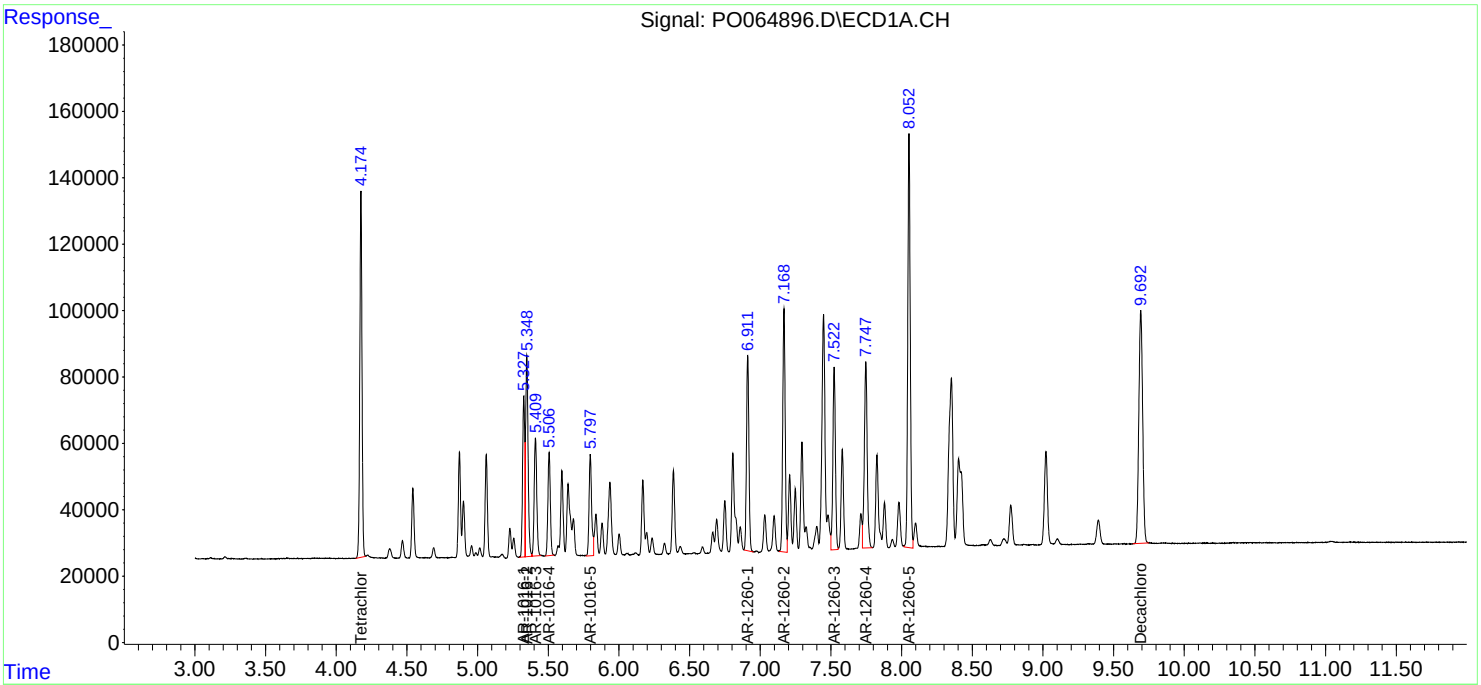
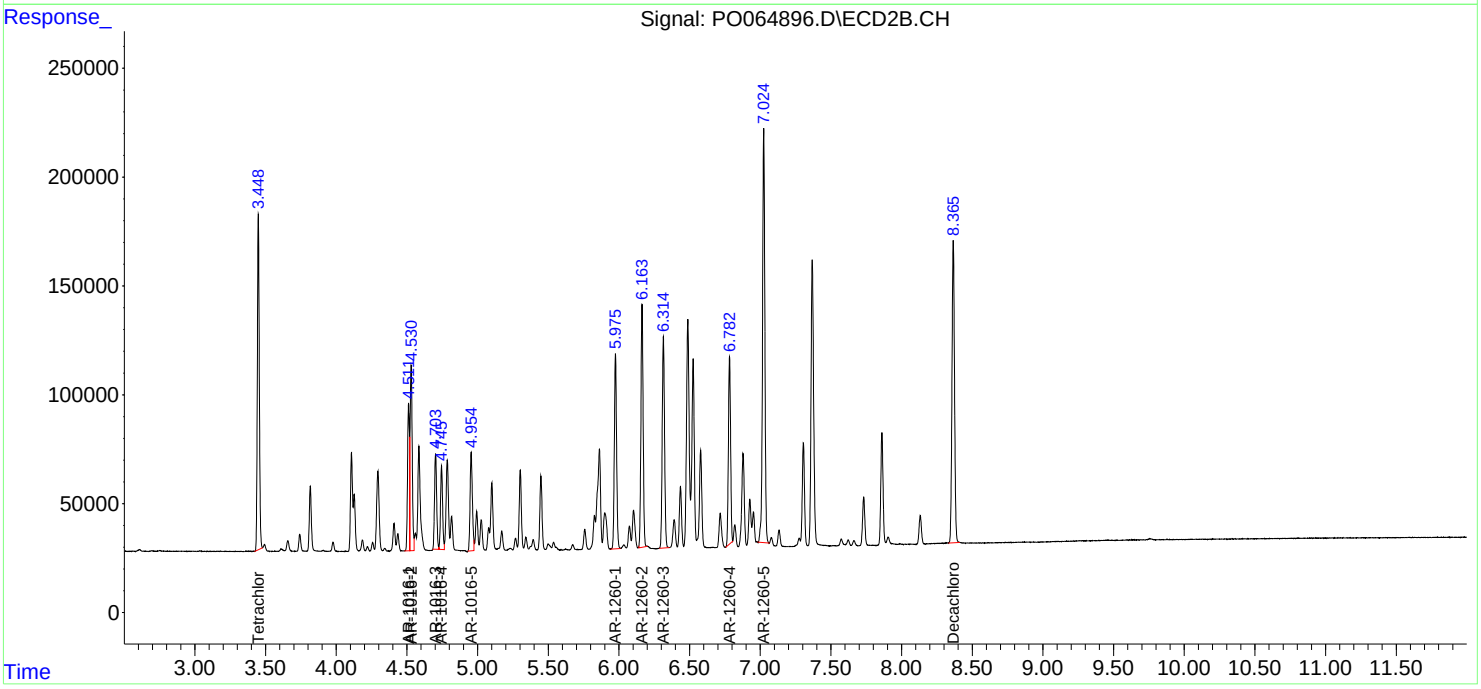
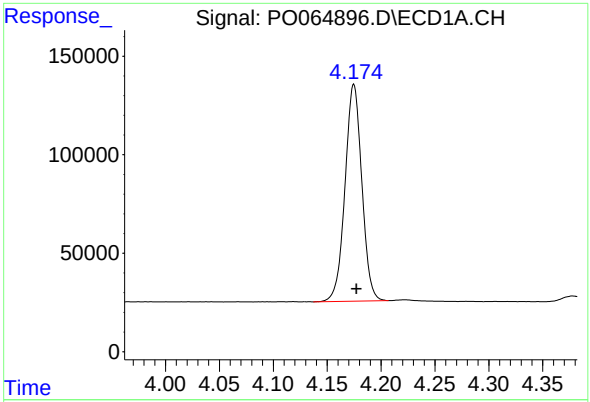
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 24 08:37:09 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO121319.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Dec 13 08:19:24 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 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.: 4.175 min
Delta R.T.: -0.002 min
Response: 1194236
Conc: 49.05 ng/ml

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

**Manual Integrations APPROVED**
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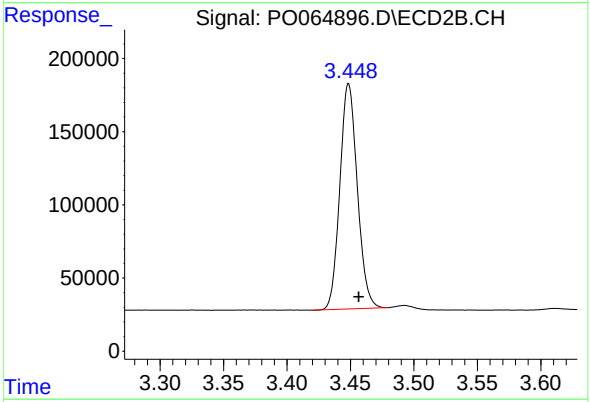
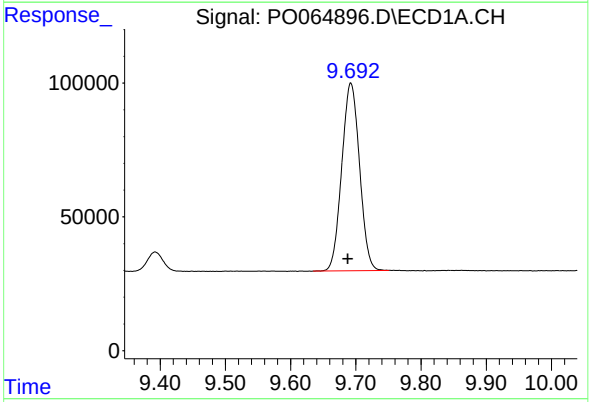


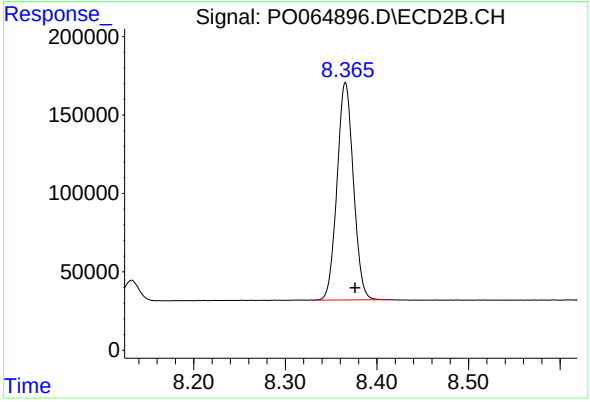

#1 Tetrachloro-m-xylene

R.T.: 3.449 min
Delta R.T.: -0.008 min
Response: 1475084
Conc: 58.19 ng/ml



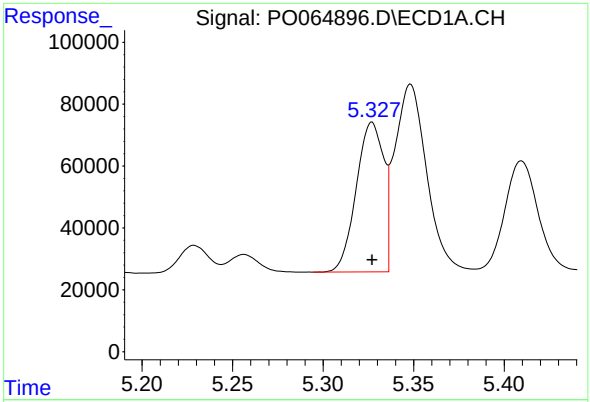

#2 Decachlorobiphenyl

R.T.: 9.692 min
Delta R.T.: 0.005 min
Response: 1325783
Conc: 43.20 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.366 min
Delta R.T.: -0.011 min
Response: 1722297
Conc: 49.59 ng/ml




#3 AR-1016-1

R.T.: 5.327 min
Delta R.T.: 0.000 min
Response: 509672
Conc: 510.78 ng/ml

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

**Manual Integrations APPROVED**
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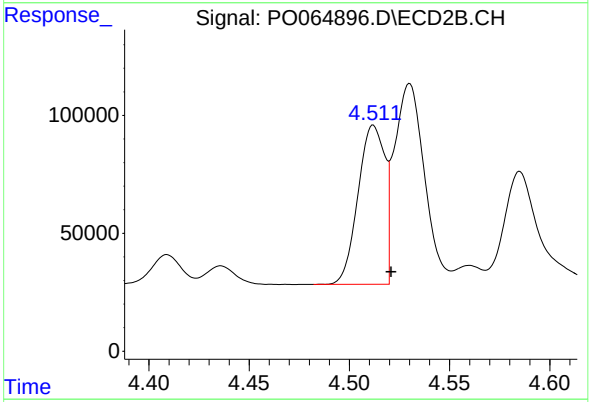
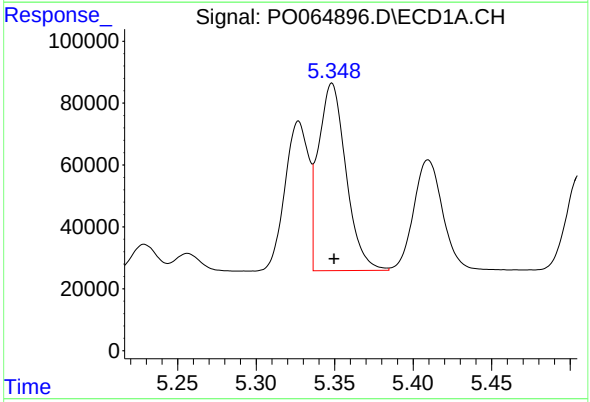


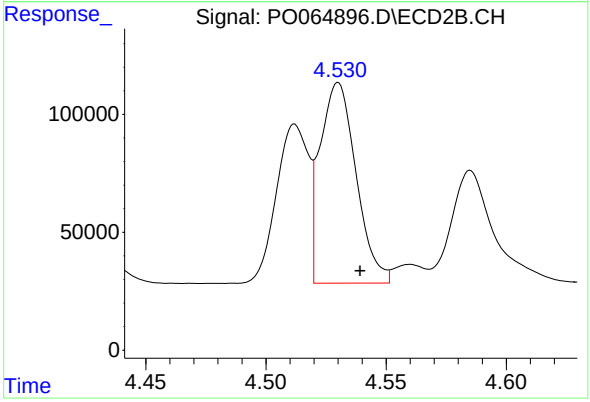

#3 AR-1016-1

R.T.: 4.512 min
Delta R.T.: -0.009 min
Response: 625569
Conc: 578.44 ng/ml



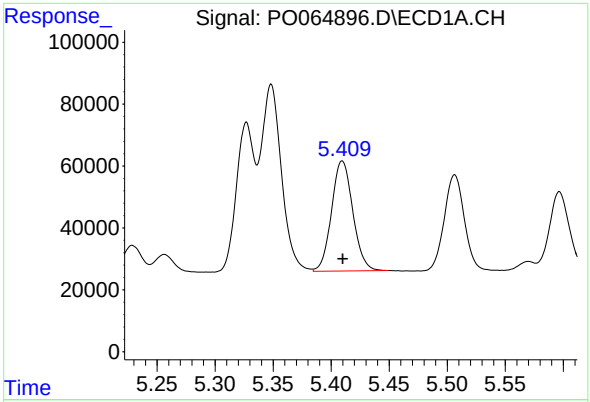

#4 AR-1016-2

R.T.: 5.348 min
Delta R.T.: -0.001 min
Response: 739907
Conc: 509.48 ng/ml




#4 AR-1016-2

R.T.: 4.530 min
Delta R.T.: -0.009 min
Response: 888856
Conc: 591.04 ng/ml




#5 AR-1016-3

R.T.: 5.410 min
Delta R.T.: 0.000 min
Response: 453476
Conc: 512.52 ng/ml

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

**Manual Integrations APPROVED**
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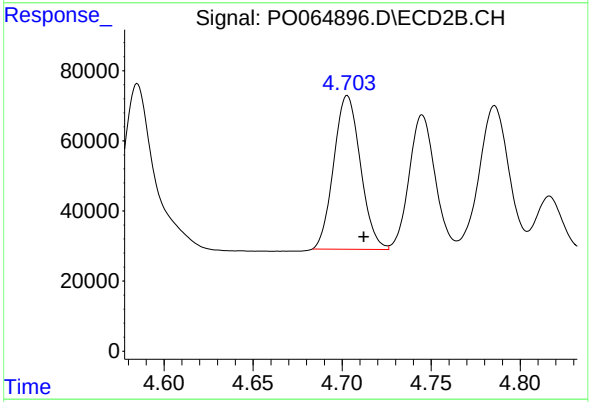
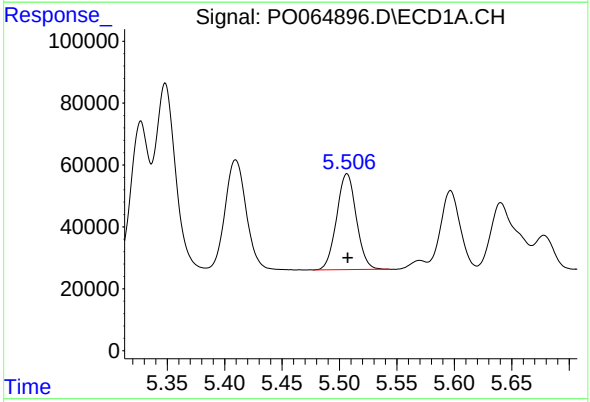


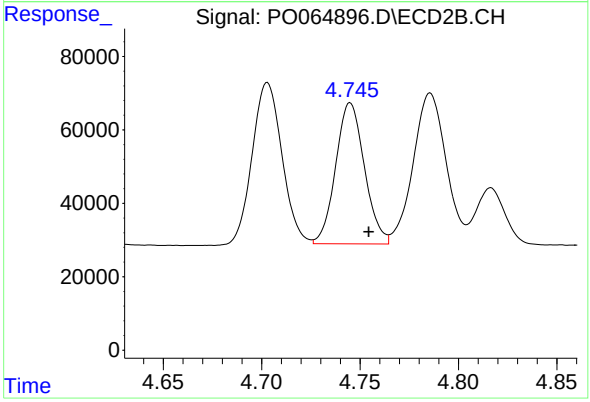

#5 AR-1016-3

R.T.: 4.703 min
Delta R.T.: -0.009 min
Response: 458552
Conc: 589.88 ng/ml



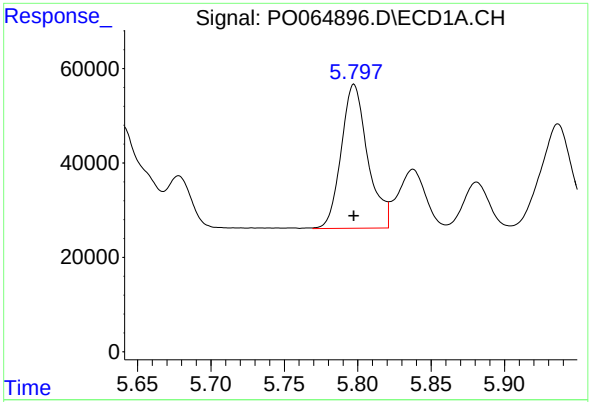

#6 AR-1016-4

R.T.: 5.506 min
Delta R.T.: 0.000 min
Response: 370736
Conc: 511.84 ng/ml




#6 AR-1016-4

R.T.: 4.745 min
Delta R.T.: -0.009 min
Response: 390878
Conc: 594.50 ng/ml




#7 AR-1016-5

R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 384078
Conc: 527.02 ng/ml m

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

**Manual Integrations APPROVED**
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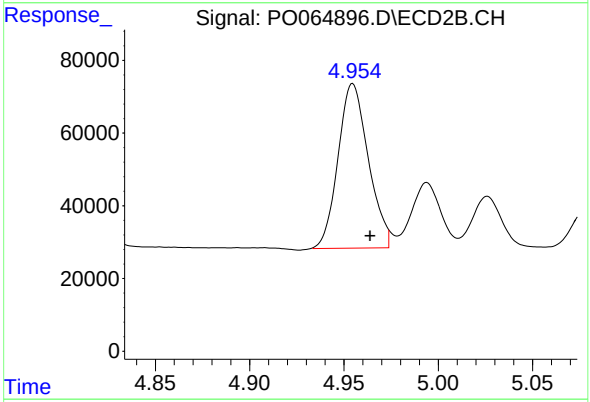
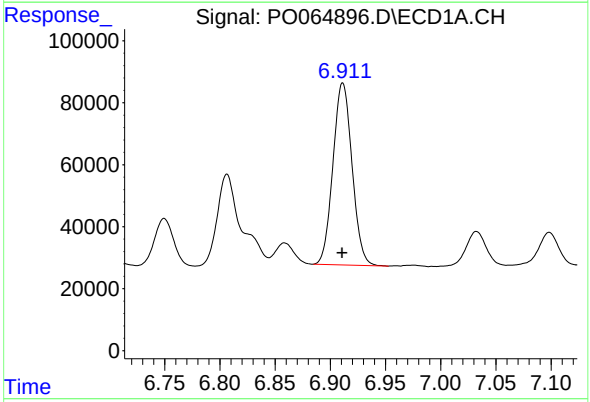


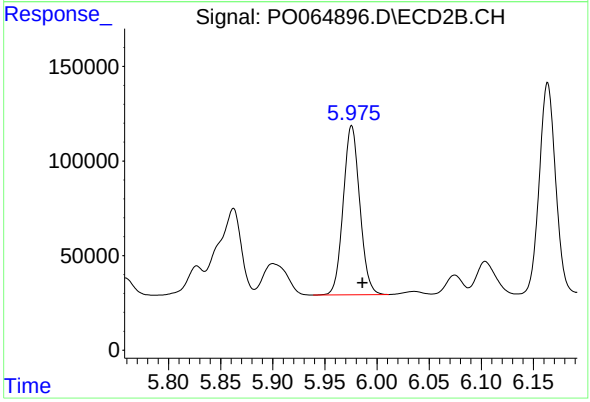

#7 AR-1016-5

R.T.: 4.954 min
Delta R.T.: -0.010 min
Response: 507458
Conc: 581.57 ng/ml m



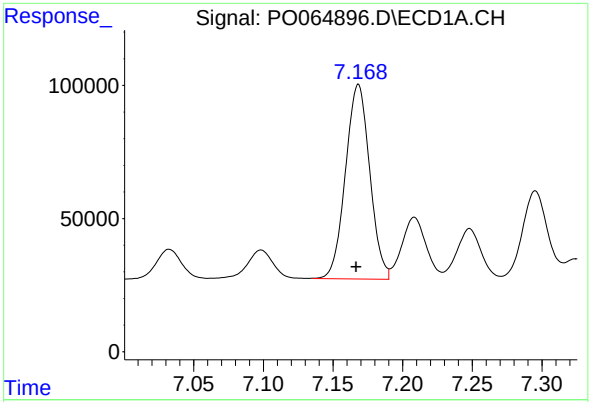

#31 AR-1260-1

R.T.: 6.911 min
Delta R.T.: 0.000 min
Response: 707547
Conc: 460.55 ng/ml




#31 AR-1260-1

R.T.: 5.976 min
Delta R.T.: -0.010 min
Response: 987638
Conc: 534.87 ng/ml




#32 AR-1260-2

R.T.: 7.168 min
Delta R.T.: 0.001 min
Response: 886852
Conc: 449.27 ng/ml m

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

**Manual Integrations APPROVED**
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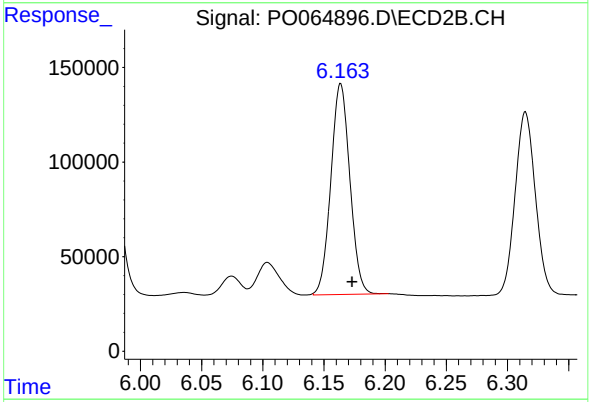
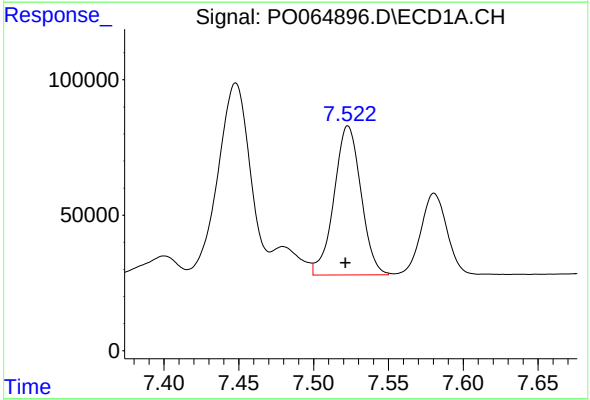


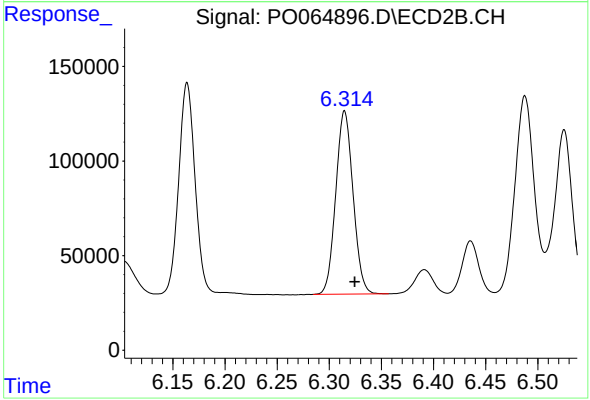

#32 AR-1260-2

R.T.: 6.164 min
Delta R.T.: -0.009 min
Response: 1204859
Conc: 517.86 ng/ml



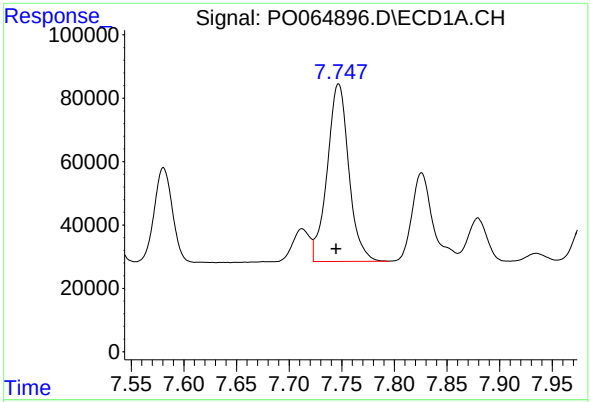

#33 AR-1260-3

R.T.: 7.522 min
Delta R.T.: 0.001 min
Response: 688188
Conc: 458.00 ng/ml m




#33 AR-1260-3

R.T.: 6.315 min
Delta R.T.: -0.010 min
Response: 1118718
Conc: 528.37 ng/ml




#34 AR-1260-4

R.T.: 7.747 min
Delta R.T.: 0.003 min
Response: 797879
Conc: 431.93 ng/ml

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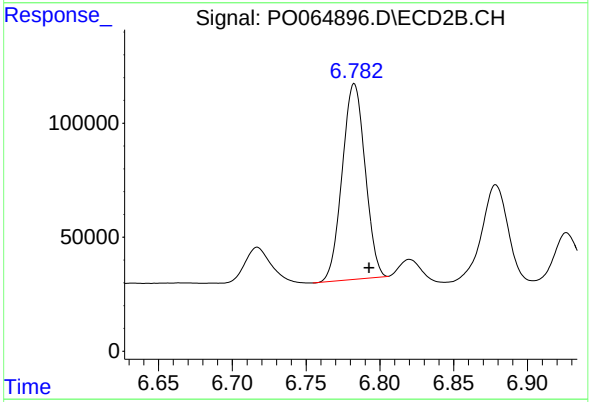
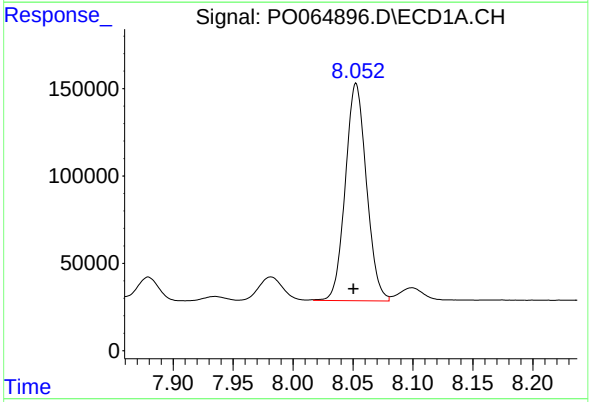


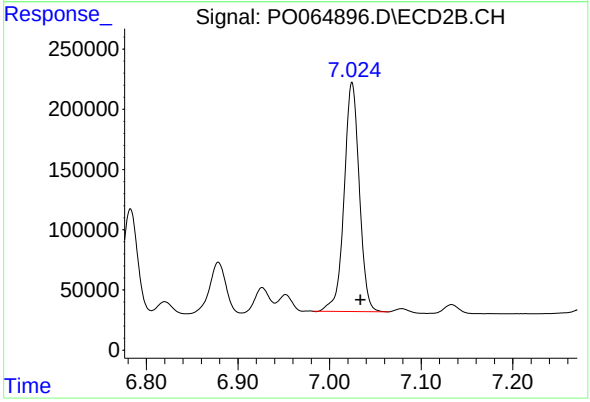

#34 AR-1260-4

R.T.: 6.783 min
Delta R.T.: -0.010 min
Response: 927545
Conc: 492.35 ng/ml




#35 AR-1260-5

R.T.: 8.052 min
Delta R.T.: 0.002 min
Response: 1524606
Conc: 408.55 ng/ml m




#35 AR-1260-5

R.T.: 7.025 min
Delta R.T.: -0.009 min
Response: 2189792
Conc: 466.90 ng/ml