Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061819\
Data File : PO057221.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Jun 2019 14:16
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 19 01:21:47 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... | 4.243 | 3.560 | 2309732 | 1913510 | 60.333 | 58.023 |
| 2) | SA Decachlor... | 9.805 | 8.488 | 2271571 | 1523710 | 46.279 | 42.733 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.403 | 4.627 | 881399 | 690484 | 490.042m | 548.662m |
| 4) | L1 AR-1016-2 | 5.425 | 4.645 | 1282905 | 927198 | 510.899m | 514.646m |
| 5) | L1 AR-1016-3 | 5.487 | 4.819 | 784463 | 531154 | 488.064 | 538.726 |
| 6) | L1 AR-1016-4 | 5.585 | 4.860 | 646630 | 437916 | 492.934 | 528.986 |
| 7) | L1 AR-1016-5 | 5.876 | 5.070 | 667829 | 547354 | 483.371 | 510.247m |
| 31) | L7 AR-1260-1 | 6.990 | 6.091 | 1252627 | 950708 | 488.129 | 475.263 |
| 32) | L7 AR-1260-2 | 7.247 | 6.279 | 1513131 | 1222731 | 500.347 | 496.045 |
| 33) | L7 AR-1260-3 | 7.601 | 6.431 | 1218348 | 1065809 | 505.737 | 475.123 |
| 34) | L7 AR-1260-4 | 7.826 | 6.897 | 1245414 | 882478 | 475.492 | 474.190m |
| 35) | L7 AR-1260-5 | 8.134 | 7.139 | 2412650 | 2111860 | 504.518m | 489.726 |

(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\PO061819\
Data File : PO057221.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Jun 2019 14:16
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
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Response via : Initial Calibration
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Volume Inj. : 2 µl
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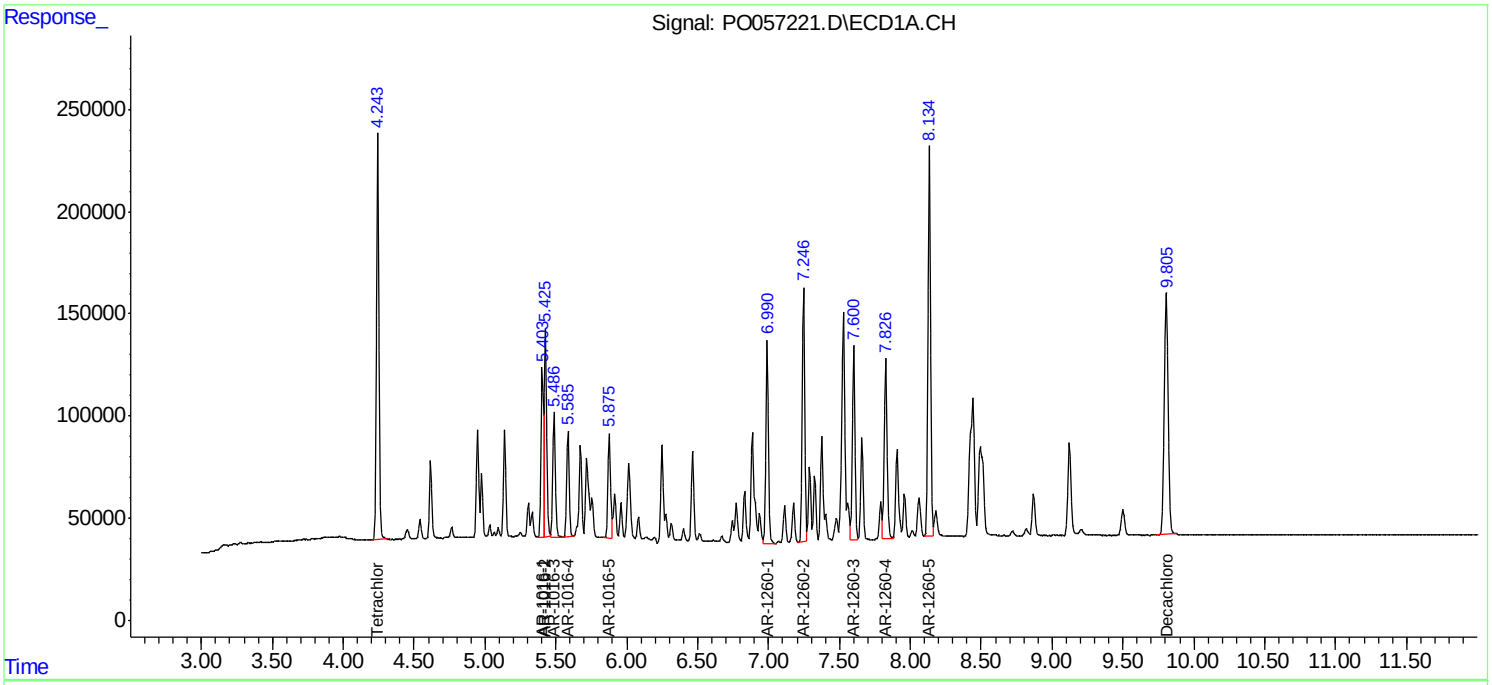
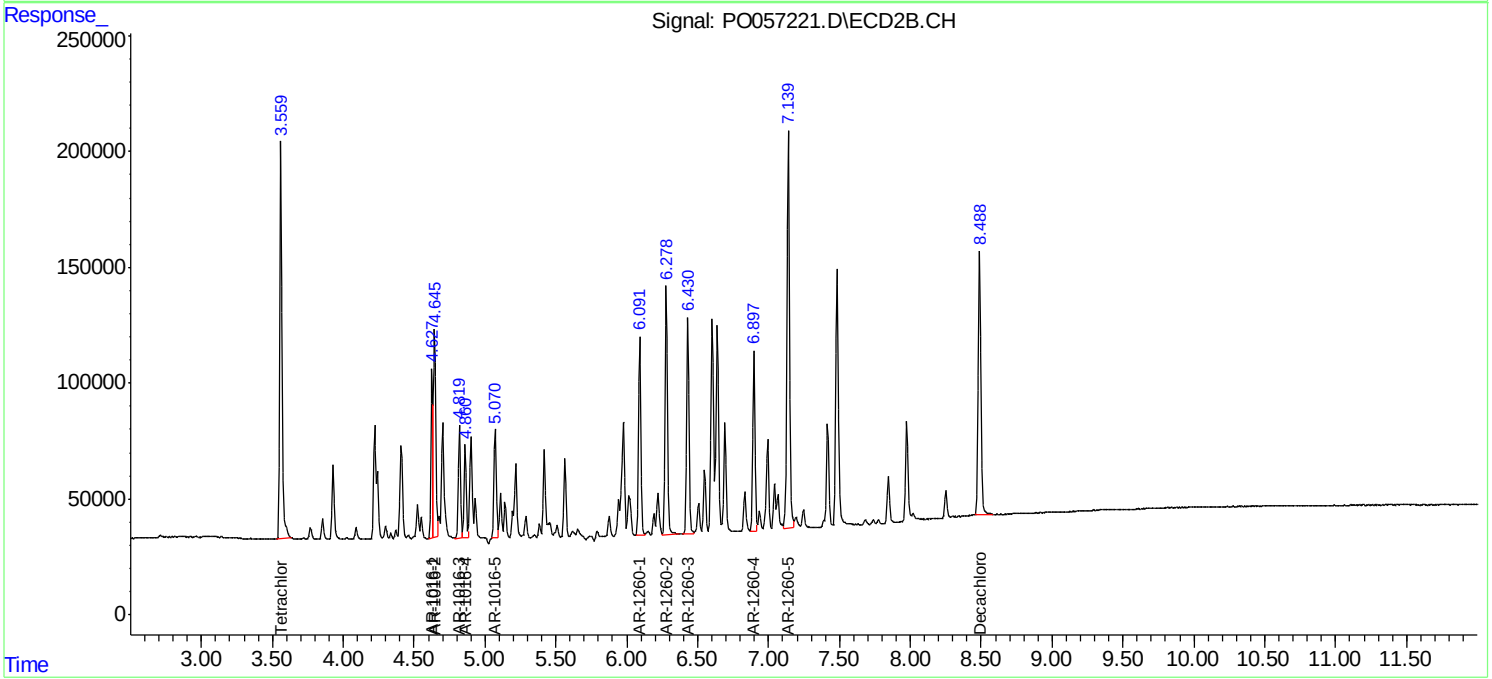
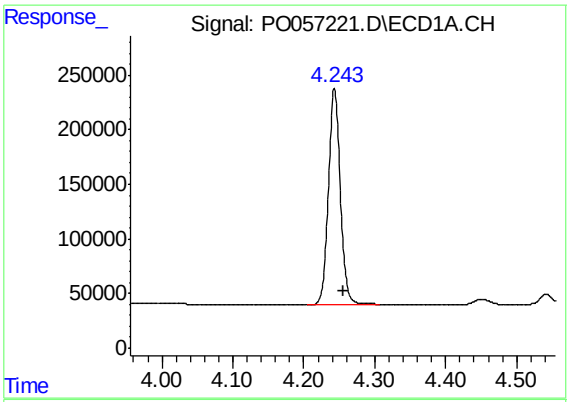
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm






#1 Tetrachloro-m-xylene

R.T.: 4.243 min
Delta R.T.: -0.013 min
Response: 2309732
Conc: 60.33 ng/ml

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

**Manual Integrations APPROVED**
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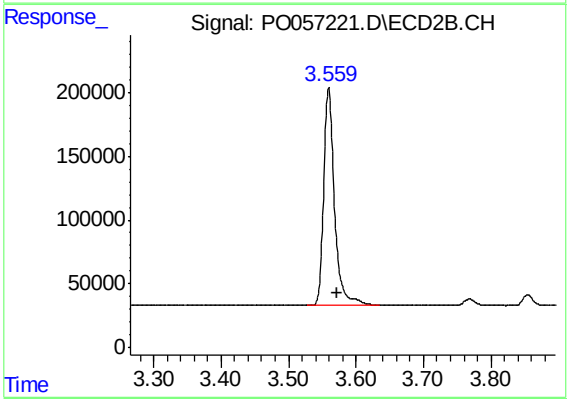
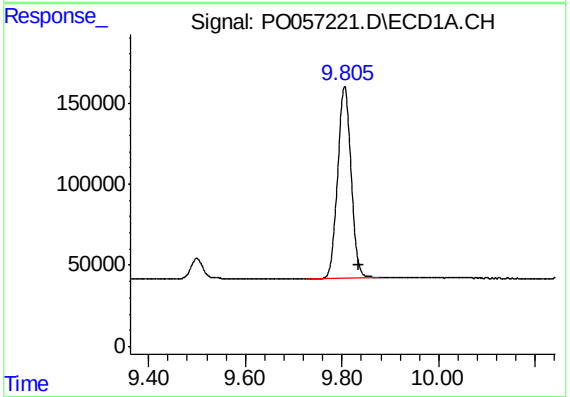


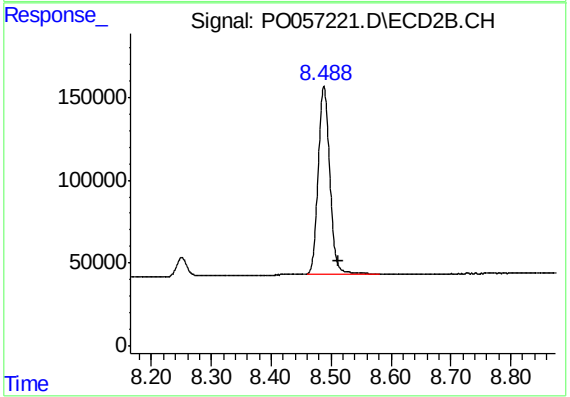

#1 Tetrachloro-m-xylene

R.T.: 3.560 min
Delta R.T.: -0.013 min
Response: 1913510
Conc: 58.02 ng/ml



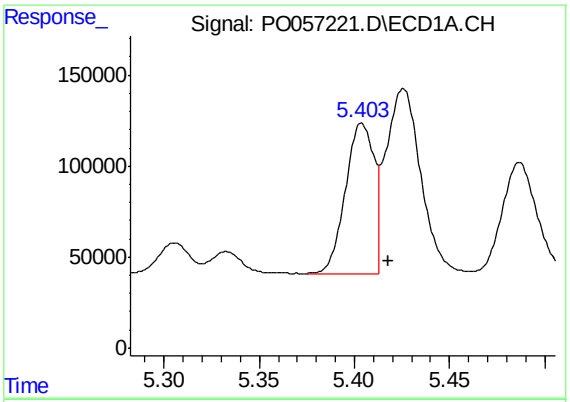

#2 Decachlorobiphenyl

R.T.: 9.805 min
Delta R.T.: -0.031 min
Response: 2271571
Conc: 46.28 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.488 min
Delta R.T.: -0.025 min
Response: 1523710
Conc: 42.73 ng/ml




#3 AR-1016-1

R.T.: 5.403 min
Delta R.T.: -0.015 min
Response: 881399
Conc: 490.04 ng/ml m

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

**Manual Integrations APPROVED**
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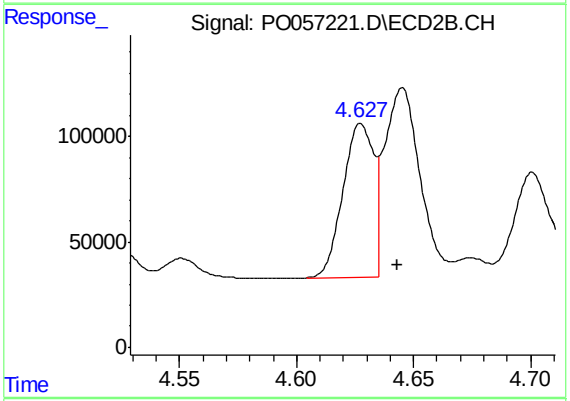
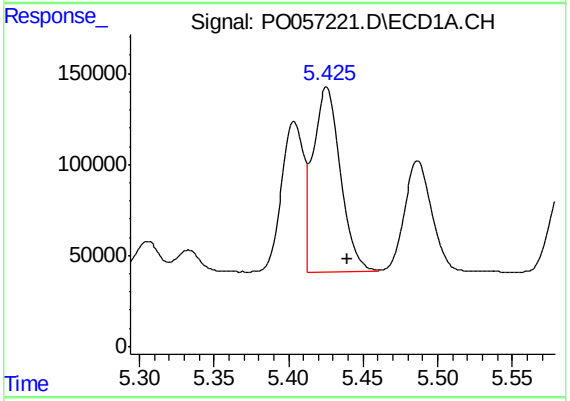


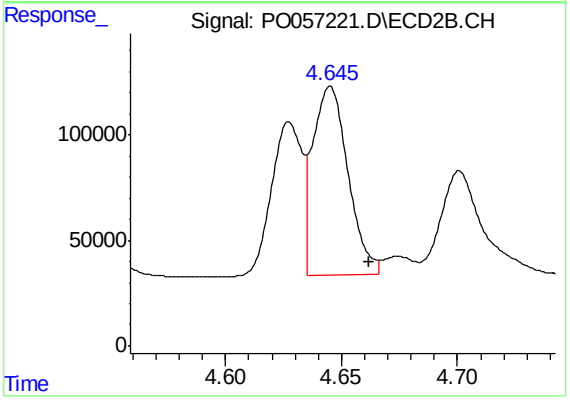

#3 AR-1016-1

R.T.: 4.627 min
Delta R.T.: -0.016 min
Response: 690484
Conc: 548.66 ng/ml m



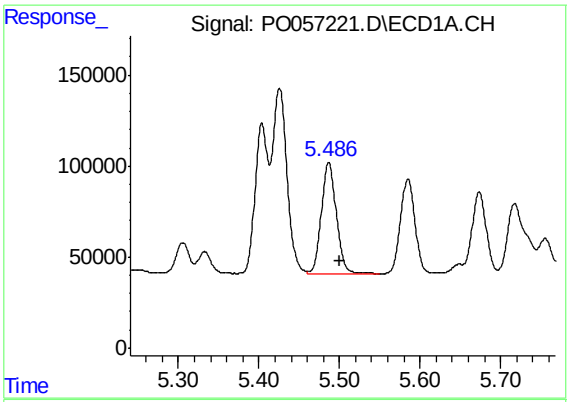

#4 AR-1016-2

R.T.: 5.425 min
Delta R.T.: -0.014 min
Response: 1282905
Conc: 510.90 ng/ml m




#4 AR-1016-2

R.T.: 4.645 min
Delta R.T.: -0.017 min
Response: 927198
Conc: 514.65 ng/ml m




#5 AR-1016-3

R.T.: 5.487 min
Delta R.T.: -0.013 min
Response: 784463
Conc: 488.06 ng/ml

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

**Manual Integrations APPROVED**
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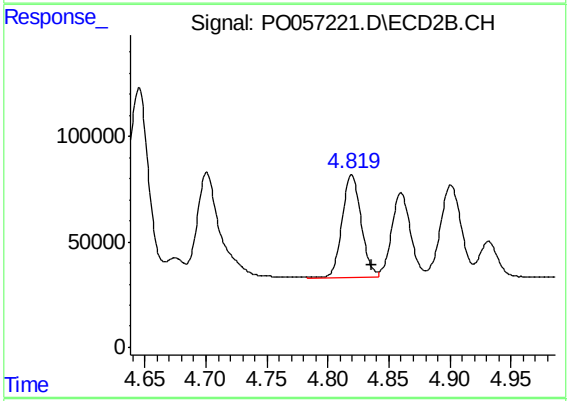
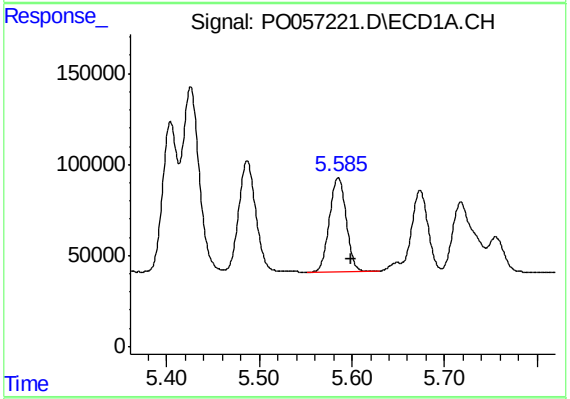


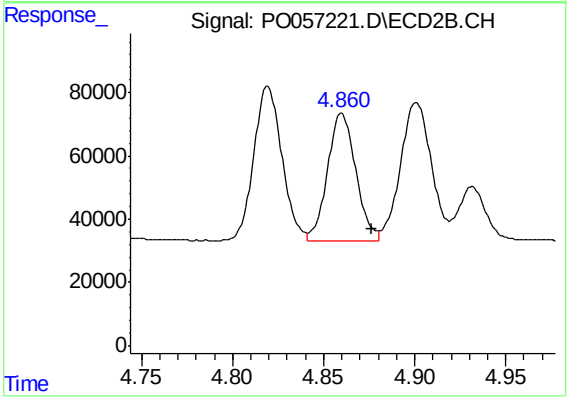

#5 AR-1016-3

R.T.: 4.819 min
Delta R.T.: -0.017 min
Response: 531154
Conc: 538.73 ng/ml



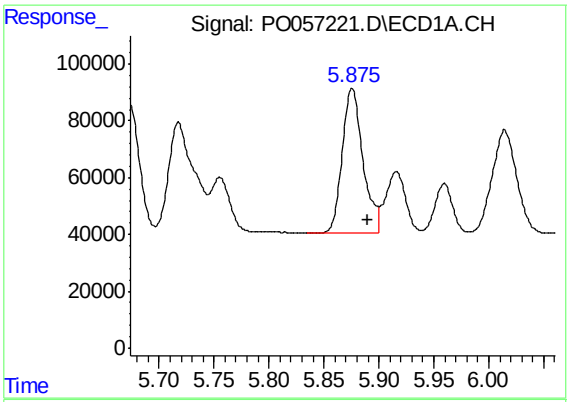

#6 AR-1016-4

R.T.: 5.585 min
Delta R.T.: -0.013 min
Response: 646630
Conc: 492.93 ng/ml




#6 AR-1016-4

R.T.: 4.860 min
Delta R.T.: -0.016 min
Response: 437916
Conc: 528.99 ng/ml




#7 AR-1016-5

R.T.: 5.876 min
Delta R.T.: -0.014 min
Response: 667829
Conc: 483.37 ng/ml

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

**Manual Integrations APPROVED**
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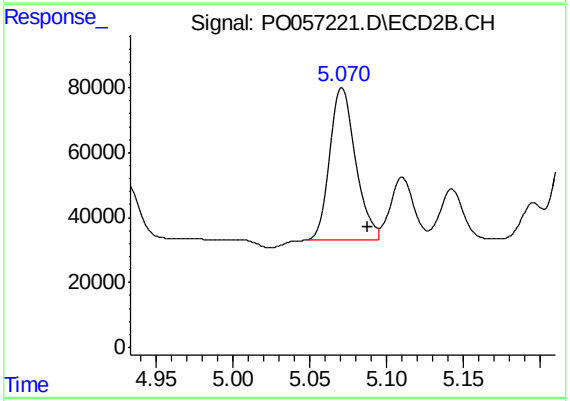
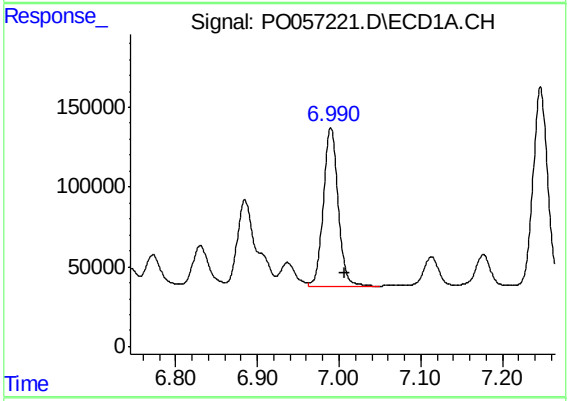


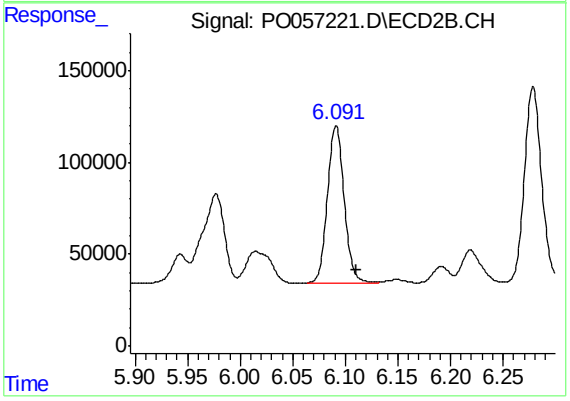

#7 AR-1016-5

R.T.: 5.070 min
Delta R.T.: -0.018 min
Response: 547354
Conc: 510.25 ng/ml m



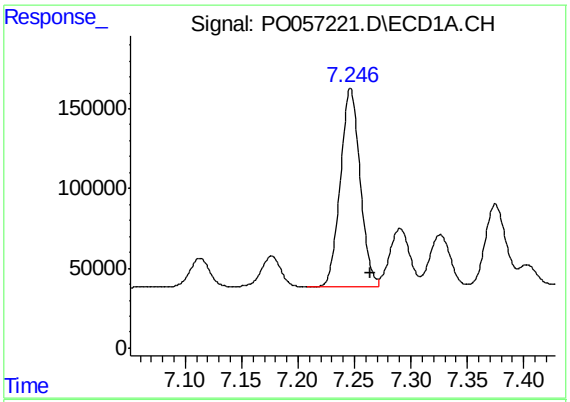

#31 AR-1260-1

R.T.: 6.990 min
Delta R.T.: -0.018 min
Response: 1252627
Conc: 488.13 ng/ml




#31 AR-1260-1

R.T.: 6.091 min
Delta R.T.: -0.019 min
Response: 950708
Conc: 475.26 ng/ml




#32 AR-1260-2

R.T.: 7.247 min
Delta R.T.: -0.017 min
Response: 1513131
Conc: 500.35 ng/ml

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

**Manual Integrations APPROVED**
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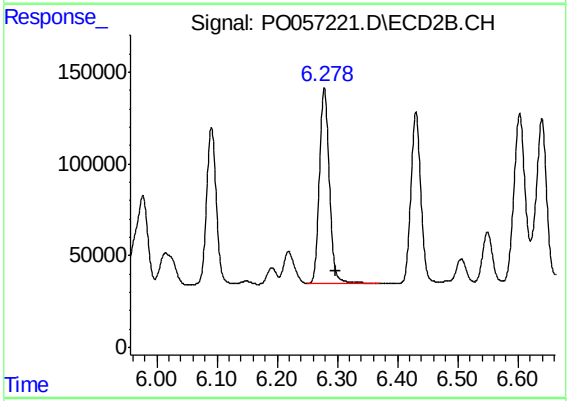
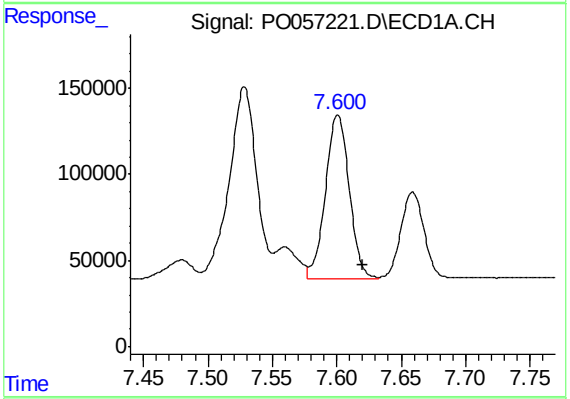


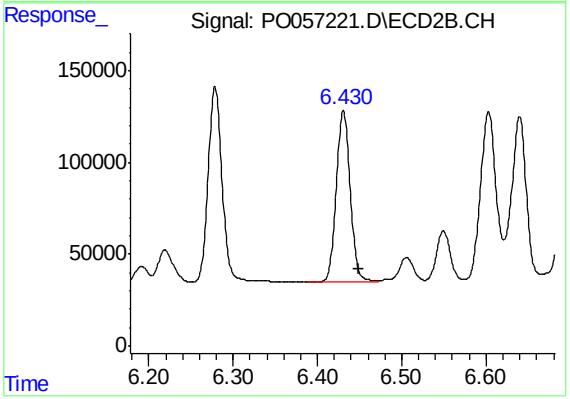

#32 AR-1260-2

R.T.: 6.279 min
Delta R.T.: -0.019 min
Response: 1222731
Conc: 496.05 ng/ml



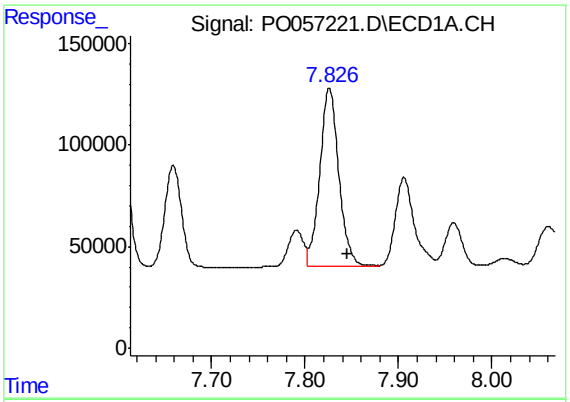

#33 AR-1260-3

R.T.: 7.601 min
Delta R.T.: -0.019 min
Response: 1218348
Conc: 505.74 ng/ml




#33 AR-1260-3

R.T.: 6.431 min
Delta R.T.: -0.019 min
Response: 1065809
Conc: 475.12 ng/ml




#34 AR-1260-4

R.T.: 7.826 min
Delta R.T.: -0.019 min
Response: 1245414
Conc: 475.49 ng/ml

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

**Manual Integrations APPROVED**
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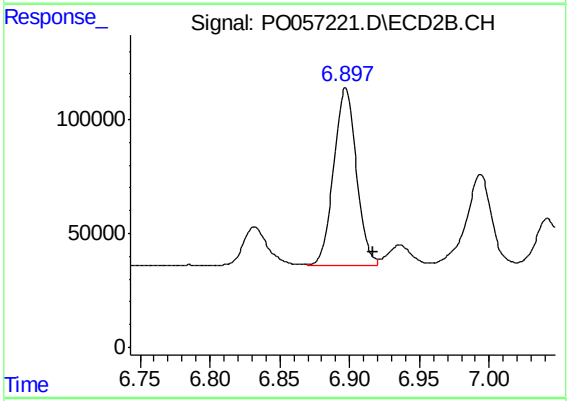
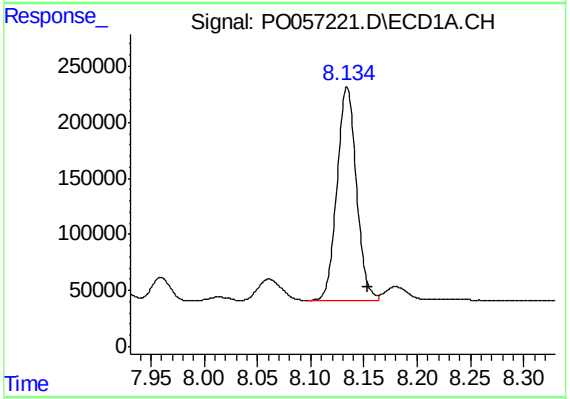


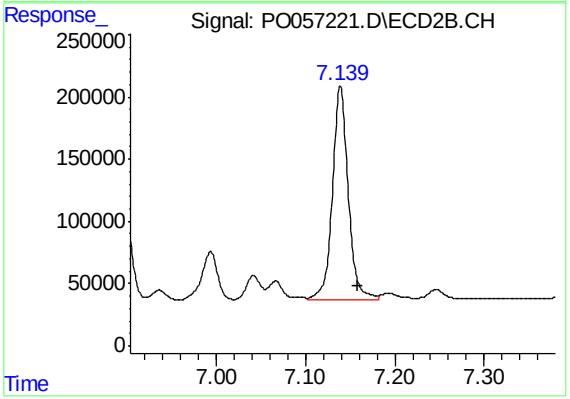

#34 AR-1260-4

R.T.: 6.897 min
Delta R.T.: -0.020 min
Response: 882478
Conc: 474.19 ng/ml m




#35 AR-1260-5

R.T.: 8.134 min
Delta R.T.: -0.020 min
Response: 2412650
Conc: 504.52 ng/ml m




#35 AR-1260-5

R.T.: 7.139 min
Delta R.T.: -0.019 min
Response: 2111860
Conc: 489.73 ng/ml