Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081519\
Data File : PO059333.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 15 Aug 2019 10:45
Operator : SM/SJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
Ankita
8/16/2019 2:48:44 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 15 14:26:54 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072819.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 14 09:07:26 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... | 4.160 | 3.511 | 2390729 | 2166961 | 56.649 | 54.242 |
| 2) SA | Decachlor... | 9.660 | 8.389 | 2508687 | 1968851 | 46.324 | 49.878 |
| | Target Compounds | | | | | | |
| 3) L1 | AR-1016-1 | 5.315 | 4.565 | 971644 | 718547 | 518.501m | 492.837m |
| 4) L1 | AR-1016-2 | 5.336 | 4.582 | 1426824 | 1065792 | 518.555 | 496.503m |
| 5) L1 | AR-1016-3 | 5.397 | 4.755 | 883846 | 580130 | 520.543 | 510.799 |
| 6) L1 | AR-1016-4 | 5.495 | 4.796 | 723274 | 497180 | 516.919 | 527.063 |
| 7) L1 | AR-1016-5 | 5.783 | 5.004 | 742535 | 606890 | 518.374 | 492.831m |
| 31) L7 | AR-1260-1 | 6.894 | 6.016 | 1413195 | 1130136 | 490.838 | 474.838 |
| 32) L7 | AR-1260-2 | 7.150 | 6.205 | 1810245 | 1383275 | 435.149 | 456.632 |
| 33) L7 | AR-1260-3 | 7.504 | 6.353 | 1604511 | 1270311 | 430.861 | 470.513 |
| 34) L7 | AR-1260-4 | 7.730 | 6.816 | 1489595 | 1088764 | 437.116 | 481.855m |
| 35) L7 | AR-1260-5 | 8.038 | 7.061 | 3128118 | 2471003 | 425.319 | 458.838 |

(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\PO081519\
Data File : PO059333.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 15 Aug 2019 10:45
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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Quant Time: Aug 15 14:26:54 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072819.M
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QLast Update : Wed Aug 14 09:07:26 2019
Response via : Initial Calibration
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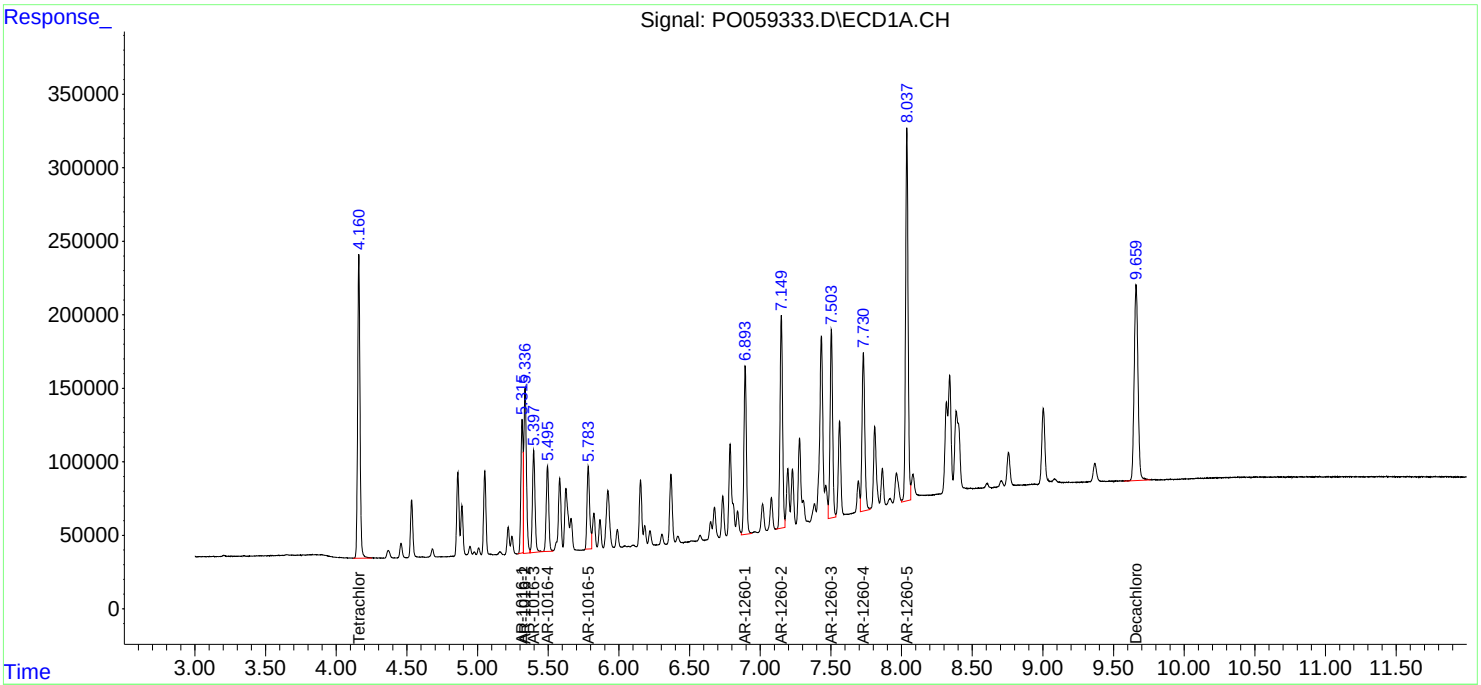
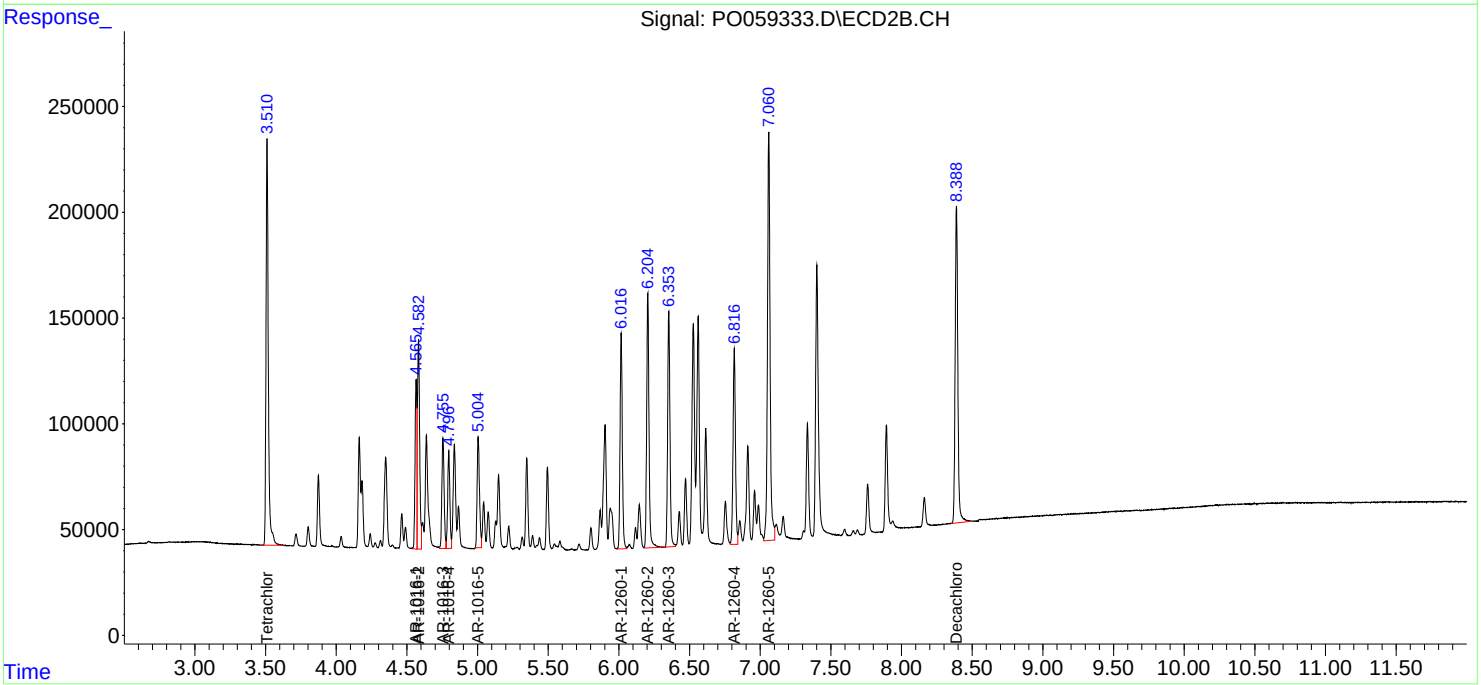
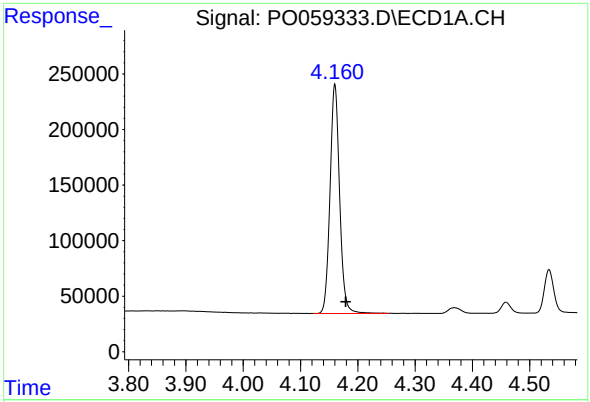
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm






#1 Tetrachloro-m-xylene

R.T.: 4.160 min
Delta R.T.: -0.019 min
Response: 2390729
Conc: 56.65 ng/ml

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

**Manual Integrations APPROVED**
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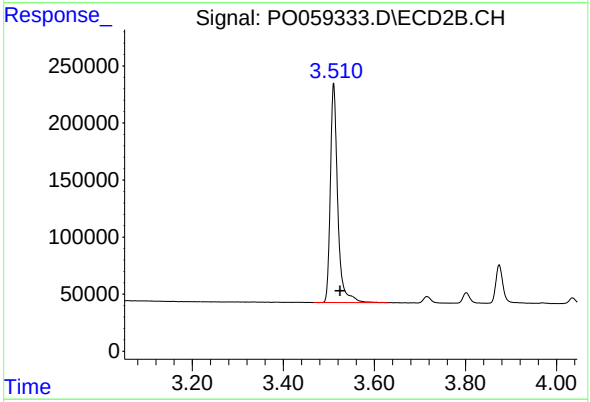
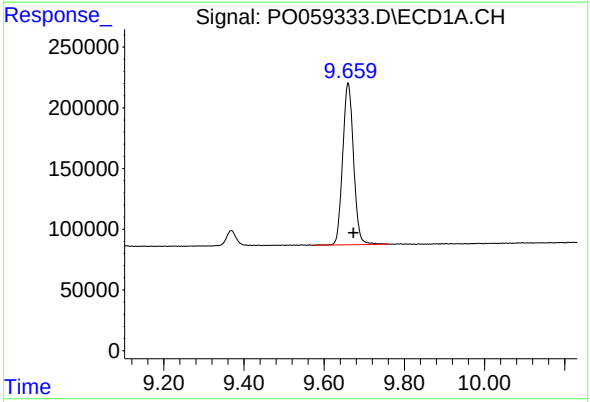


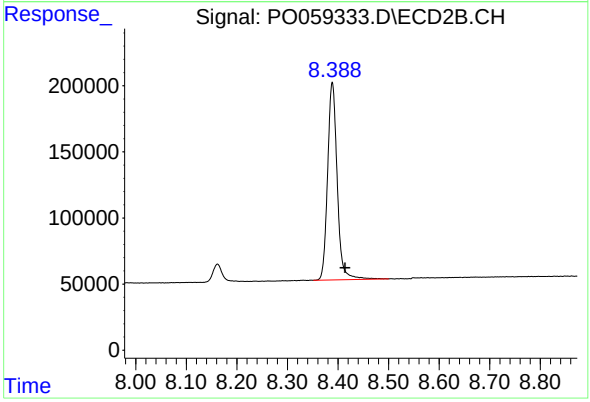

#1 Tetrachloro-m-xylene

R.T.: 3.511 min
Delta R.T.: -0.014 min
Response: 2166961
Conc: 54.24 ng/ml



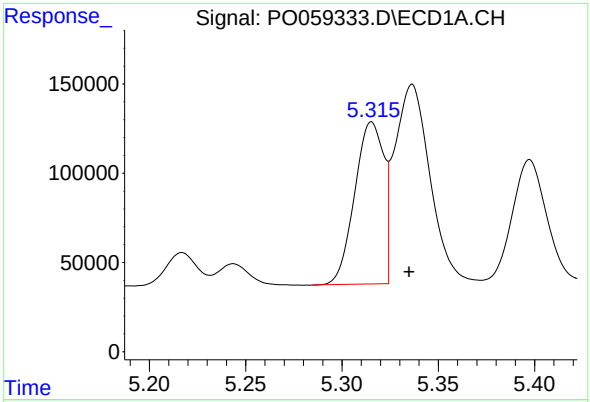

#2 Decachlorobiphenyl

R.T.: 9.660 min
Delta R.T.: -0.013 min
Response: 2508687
Conc: 46.32 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.389 min
Delta R.T.: -0.025 min
Response: 1968851
Conc: 49.88 ng/ml




#3 AR-1016-1

R.T.: 5.315 min
Delta R.T.: -0.020 min
Response: 971644
Conc: 518.50 ng/ml m

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

**Manual Integrations APPROVED**
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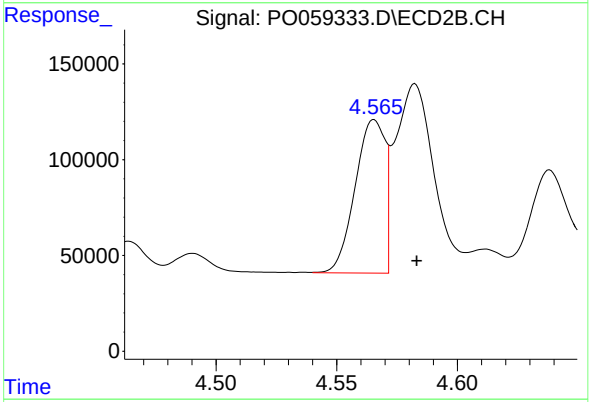
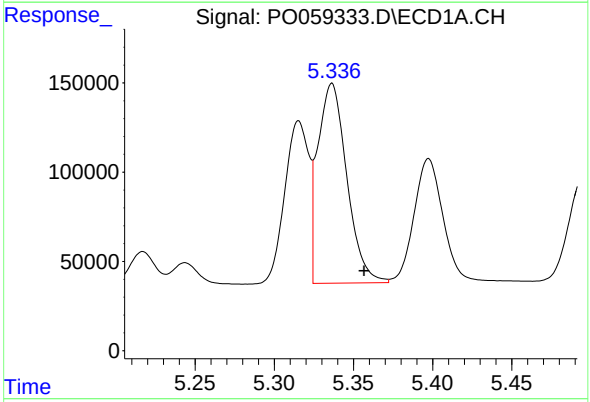


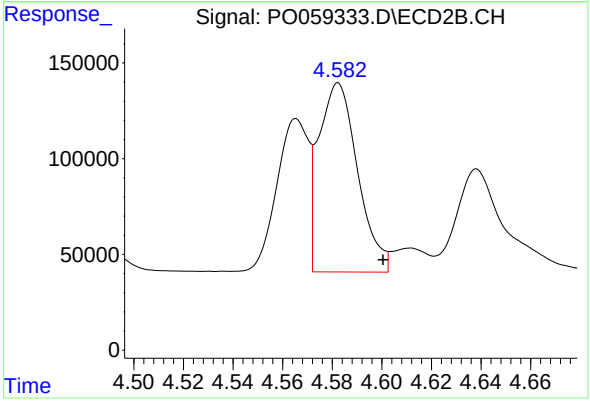

#3 AR-1016-1

R.T.: 4.565 min
Delta R.T.: -0.018 min
Response: 718547
Conc: 492.84 ng/ml m



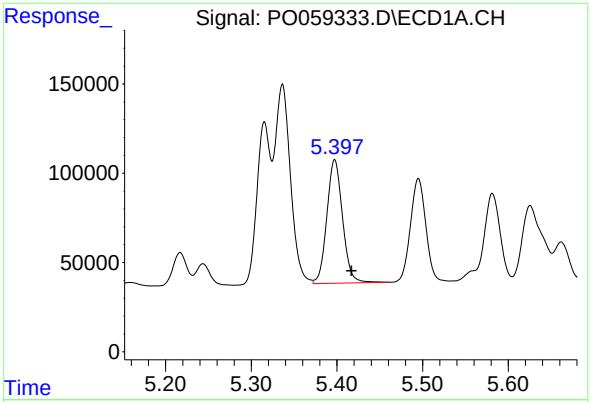

#4 AR-1016-2

R.T.: 5.336 min
Delta R.T.: -0.020 min
Response: 1426824
Conc: 518.56 ng/ml




#4 AR-1016-2

R.T.: 4.582 min
Delta R.T.: -0.018 min
Response: 1065792
Conc: 496.50 ng/ml m




#5 AR-1016-3

R.T.: 5.397 min
Delta R.T.: -0.020 min
Response: 883846
Conc: 520.54 ng/ml

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

**Manual Integrations APPROVED**
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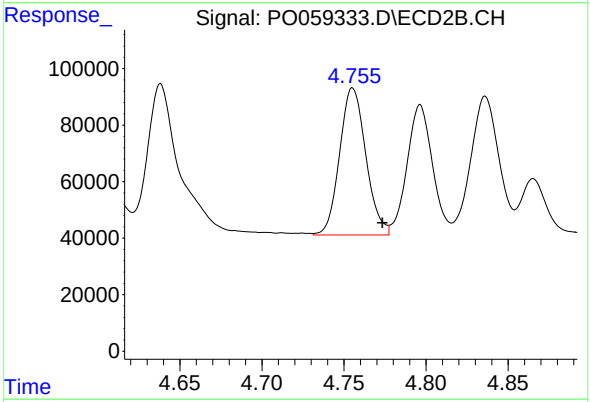
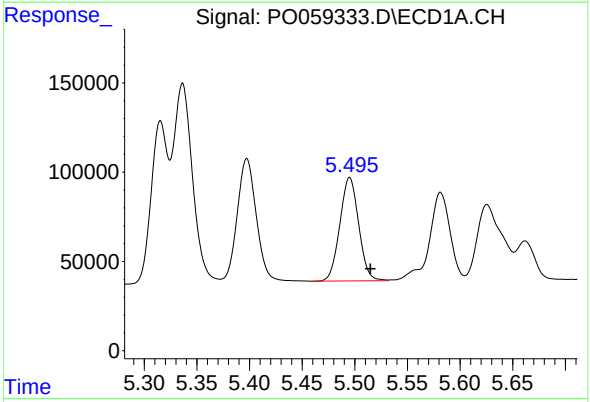
8/16/2019 2:48:44 PM



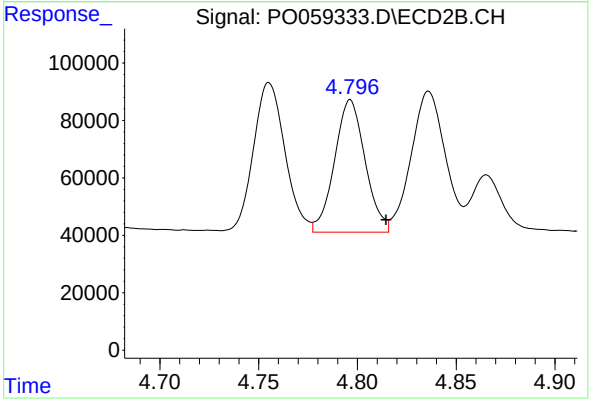

#5 AR-1016-3

R.T.: 4.755 min
Delta R.T.: -0.018 min
Response: 580130
Conc: 510.80 ng/ml



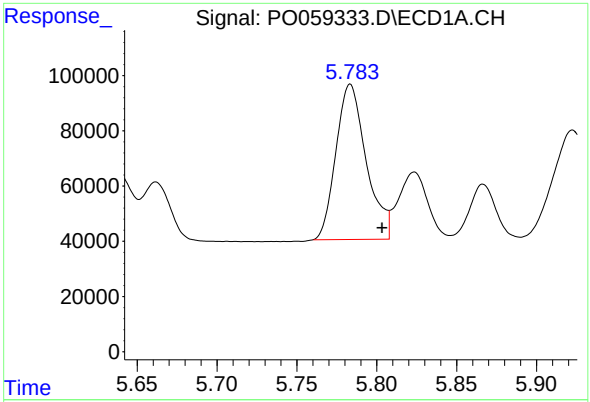

#6 AR-1016-4

R.T.: 5.495 min
Delta R.T.: -0.020 min
Response: 723274
Conc: 516.92 ng/ml




#6 AR-1016-4

R.T.: 4.796 min
Delta R.T.: -0.018 min
Response: 497180
Conc: 527.06 ng/ml




#7 AR-1016-5

R.T.: 5.783 min
Delta R.T.: -0.020 min
Response: 742535
Conc: 518.37 ng/ml

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

**Manual Integrations APPROVED**
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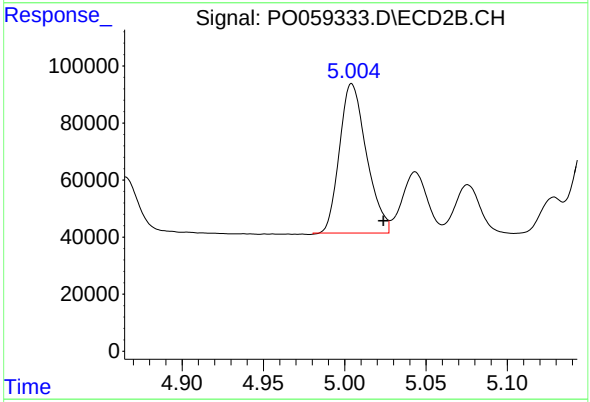
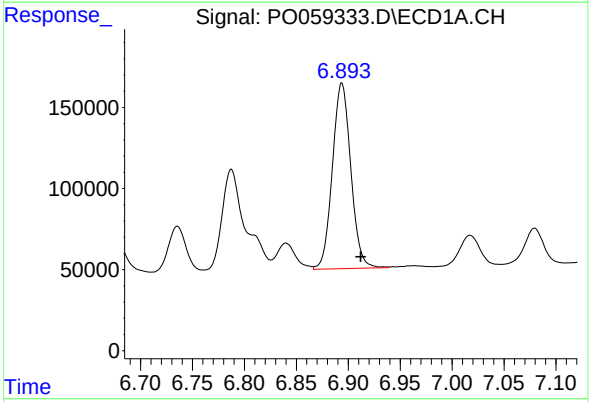


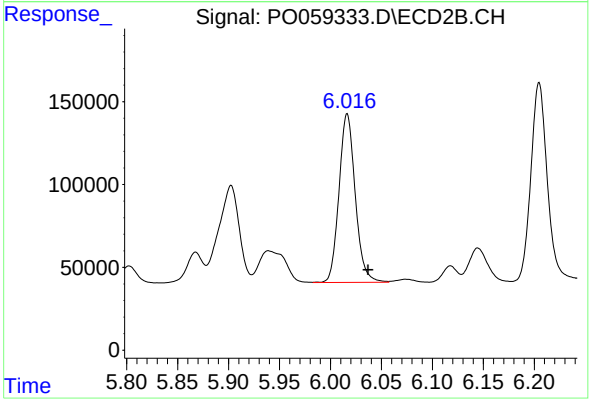

#7 AR-1016-5

R.T.: 5.004 min
Delta R.T.: -0.020 min
Response: 606890
Conc: 492.83 ng/ml m



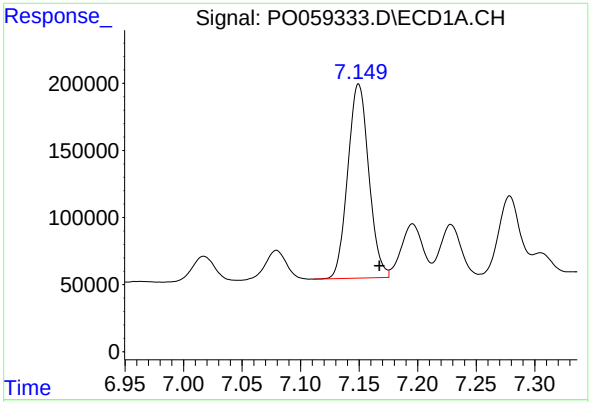

#31 AR-1260-1

R.T.: 6.894 min
Delta R.T.: -0.018 min
Response: 1413195
Conc: 490.84 ng/ml




#31 AR-1260-1

R.T.: 6.016 min
Delta R.T.: -0.021 min
Response: 1130136
Conc: 474.84 ng/ml




#32 AR-1260-2

R.T.: 7.150 min
Delta R.T.: -0.018 min
Response: 1810245
Conc: 435.15 ng/ml

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

**Manual Integrations APPROVED**
Ankita
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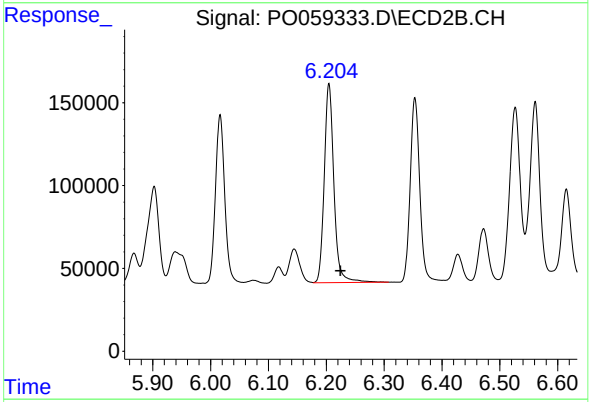
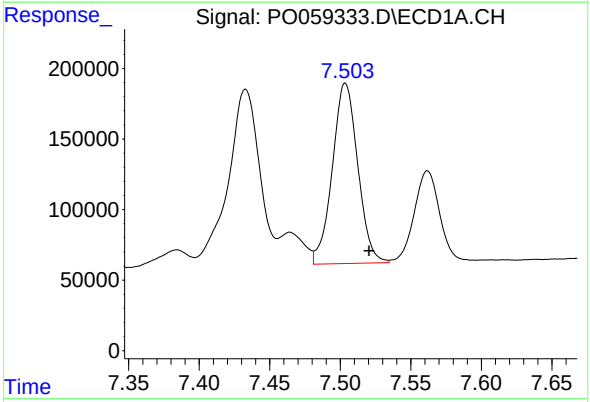


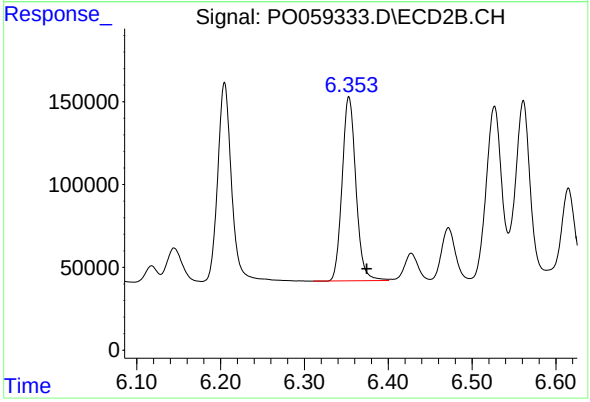

#32 AR-1260-2

R.T.: 6.205 min
Delta R.T.: -0.020 min
Response: 1383275
Conc: 456.63 ng/ml



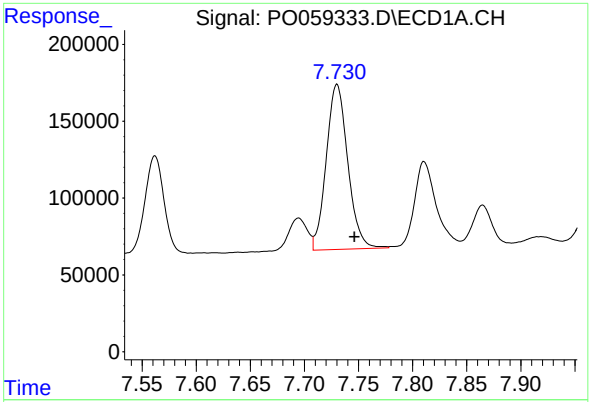

#33 AR-1260-3

R.T.: 7.504 min
Delta R.T.: -0.017 min
Response: 1604511
Conc: 430.86 ng/ml




#33 AR-1260-3

R.T.: 6.353 min
Delta R.T.: -0.021 min
Response: 1270311
Conc: 470.51 ng/ml




#34 AR-1260-4

R.T.: 7.730 min
Delta R.T.: -0.016 min
Response: 1489595
Conc: 437.12 ng/ml

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

**Manual Integrations APPROVED**
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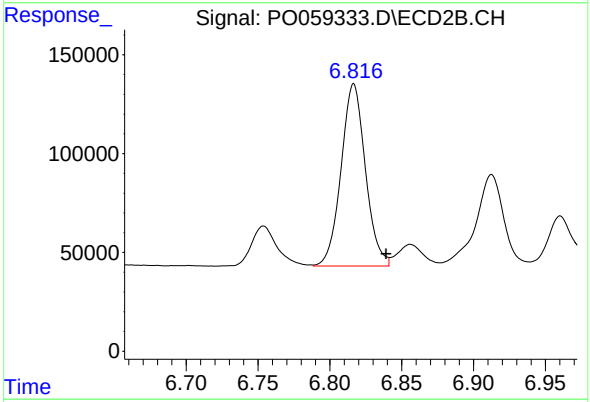
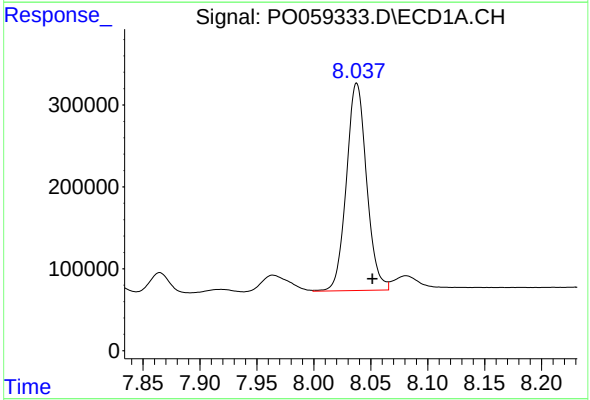


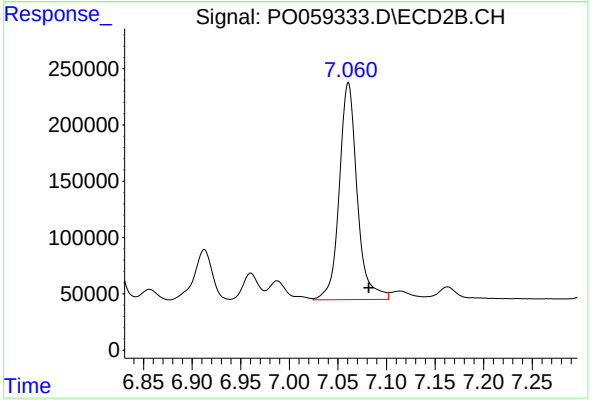

#34 AR-1260-4

R.T.: 6.816 min
Delta R.T.: -0.023 min
Response: 1088764
Conc: 481.85 ng/ml m




#35 AR-1260-5

R.T.: 8.038 min
Delta R.T.: -0.014 min
Response: 3128118
Conc: 425.32 ng/ml




#35 AR-1260-5

R.T.: 7.061 min
Delta R.T.: -0.021 min
Response: 2471003
Conc: 458.84 ng/ml