Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO053019\
Data File : PO056716.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 30 May 2019 8:20
Operator : SM/SJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
Ankita
5/31/2019 9:11:35 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 31 01:11:16 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... | 4.252 | 3.569 | 2276463 | 1782859 | 59.464 | 54.061 |
| 2) | SA Decachlor... | 9.831 | 8.505 | 2797898 | 2012966 | 57.002 | 56.454 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.413 | 4.638 | 998050 | 637724 | 554.897m | 506.739 |
| 4) | L1 AR-1016-2 | 5.436 | 4.656 | 1321141 | 923375 | 526.126m | 512.524 |
| 5) | L1 AR-1016-3 | 5.497 | 4.831 | 867247 | 510387 | 539.569 | 517.662 |
| 6) | L1 AR-1016-4 | 5.596 | 4.871 | 719387 | 430434 | 548.398 | 519.947 |
| 7) | L1 AR-1016-5 | 5.886 | 5.082 | 734393 | 557538 | 531.549 | 519.741m |
| 31) | L7 AR-1260-1 | 7.004 | 6.104 | 1328558 | 1058347 | 517.719 | 529.072 |
| 32) | L7 AR-1260-2 | 7.260 | 6.292 | 1662841 | 1349464 | 549.852 | 547.459 |
| 33) | L7 AR-1260-3 | 7.617 | 6.444 | 1354222 | 1228614 | 562.139 | 547.699 |
| 34) | L7 AR-1260-4 | 7.841 | 6.911 | 1490227 | 1071830 | 568.960 | 575.937 |
| 35) | L7 AR-1260-5 | 8.149 | 7.152 | 2838496 | 2582804 | 593.569 | 598.934m |

(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\PO053019\
Data File : PO056716.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 30 May 2019 8:20
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: May 31 01:11:16 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO052319.M
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QLast Update : Fri May 24 00:11:05 2019
Response via : Initial Calibration
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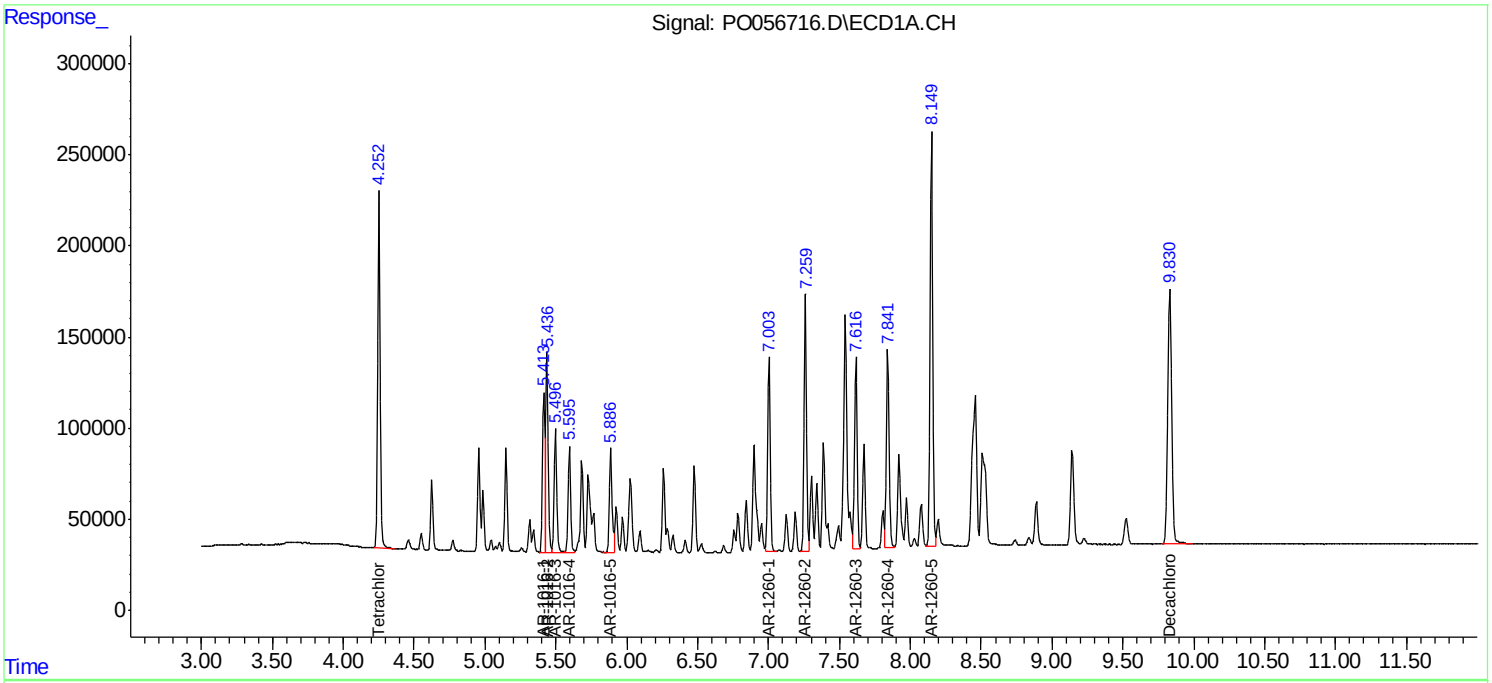
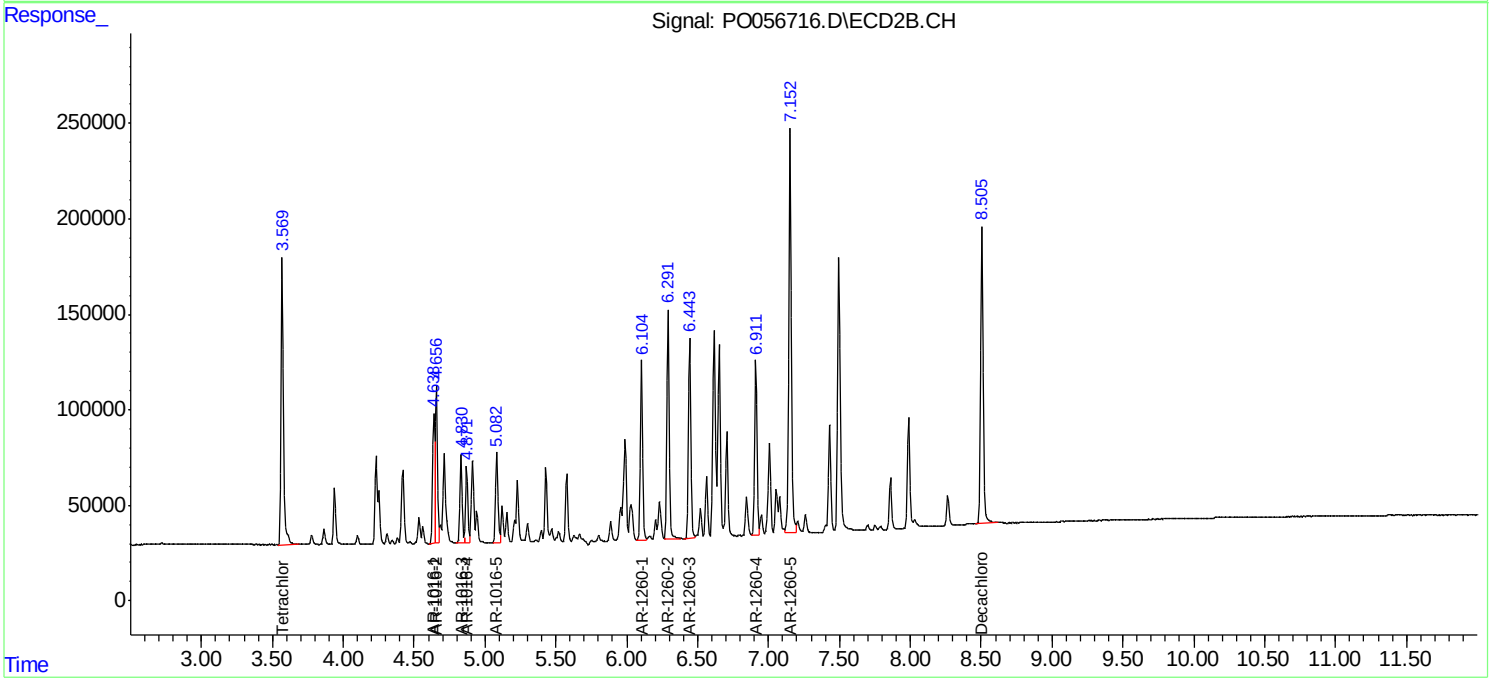
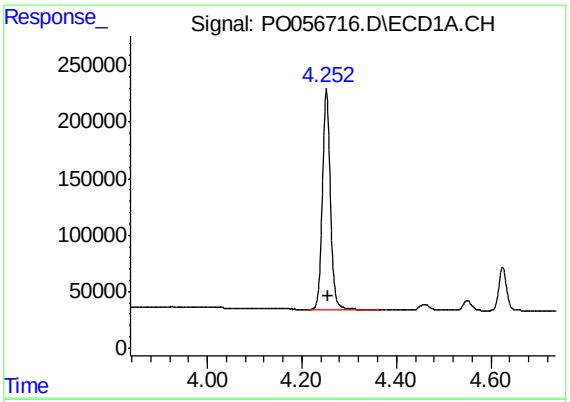
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm






#1 Tetrachloro-m-xylene

R.T.: 4.252 min
Delta R.T.: -0.004 min
Response: 2276463
Conc: 59.46 ng/ml

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

**Manual Integrations APPROVED**
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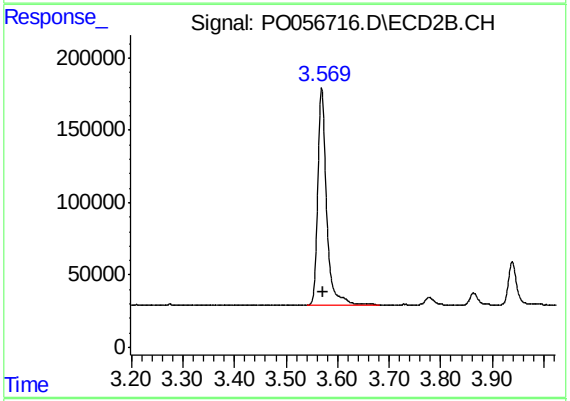
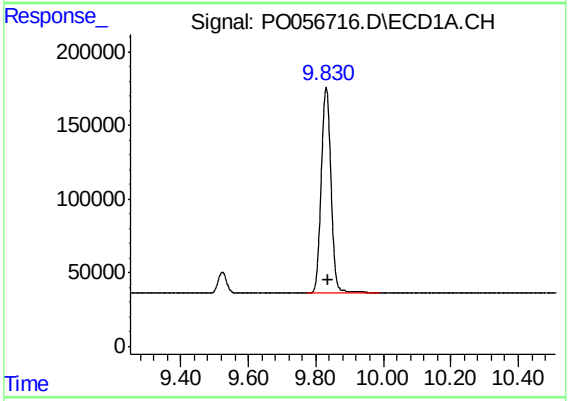


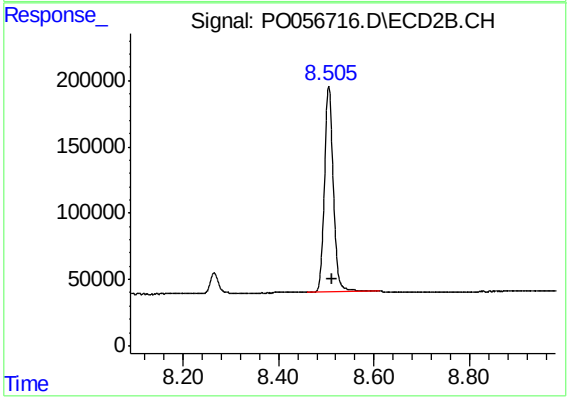

#1 Tetrachloro-m-xylene

R.T.: 3.569 min
Delta R.T.: -0.004 min
Response: 1782859
Conc: 54.06 ng/ml



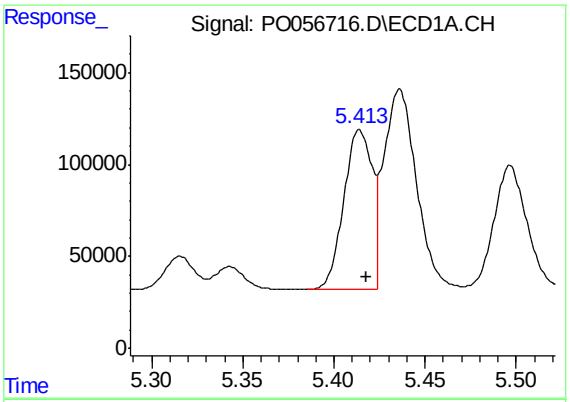

#2 Decachlorobiphenyl

R.T.: 9.831 min
Delta R.T.: -0.005 min
Response: 2797898
Conc: 57.00 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.505 min
Delta R.T.: -0.008 min
Response: 2012966
Conc: 56.45 ng/ml




#3 AR-1016-1

R.T.: 5.413 min
Delta R.T.: -0.005 min
Response: 998050
Conc: 554.90 ng/ml m

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

**Manual Integrations APPROVED**
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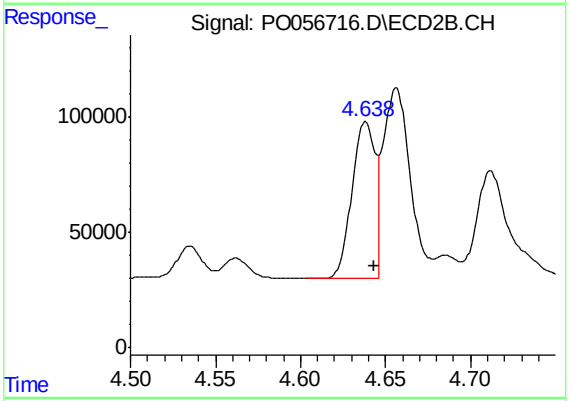
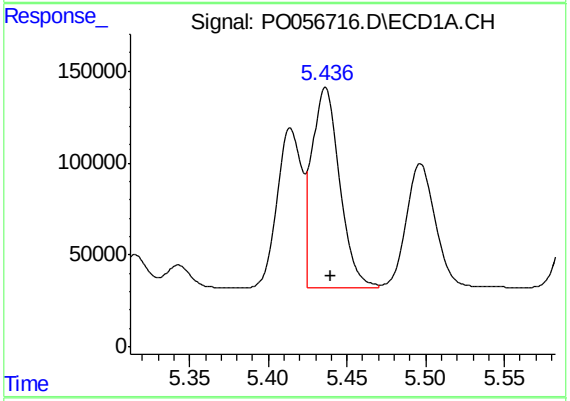
5/31/2019 9:11:35 AM



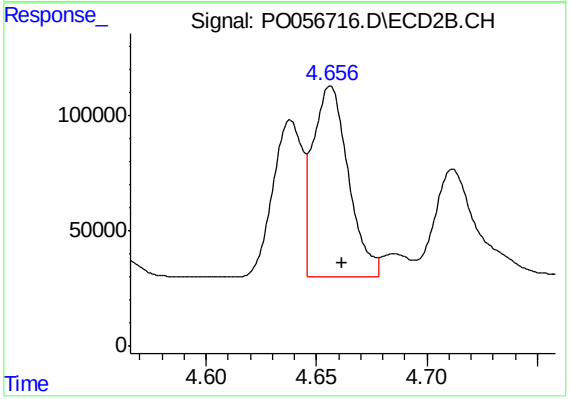

#3 AR-1016-1

R.T.: 4.638 min
Delta R.T.: -0.005 min
Response: 637724
Conc: 506.74 ng/ml



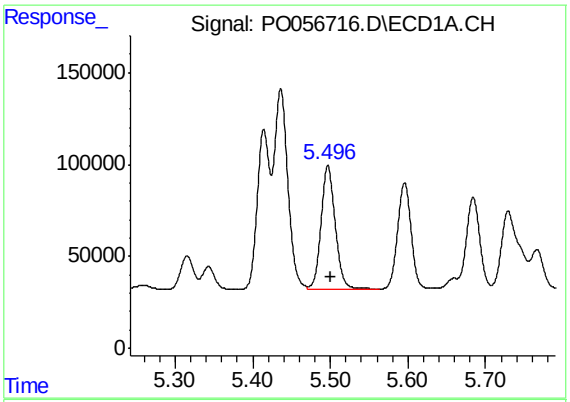

#4 AR-1016-2

R.T.: 5.436 min
Delta R.T.: -0.004 min
Response: 1321141
Conc: 526.13 ng/ml m




#4 AR-1016-2

R.T.: 4.656 min
Delta R.T.: -0.006 min
Response: 923375
Conc: 512.52 ng/ml




#5 AR-1016-3

R.T.: 5.497 min
Delta R.T.: -0.003 min
Response: 867247
Conc: 539.57 ng/ml

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

**Manual Integrations APPROVED**
Ankita
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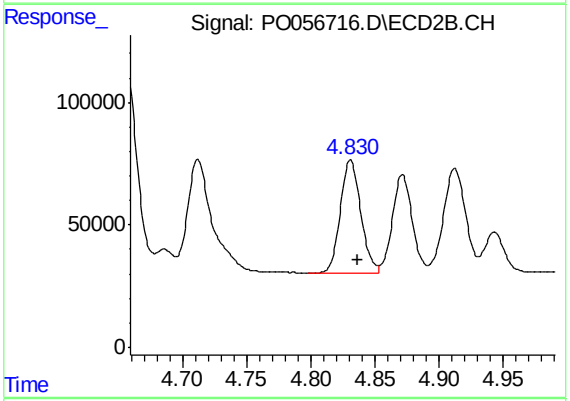
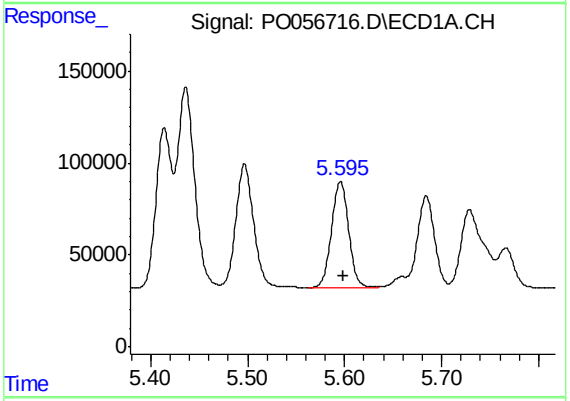


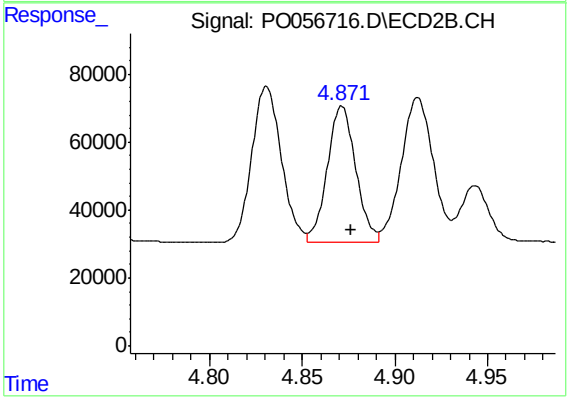

#5 AR-1016-3

R.T.: 4.831 min
Delta R.T.: -0.005 min
Response: 510387
Conc: 517.66 ng/ml



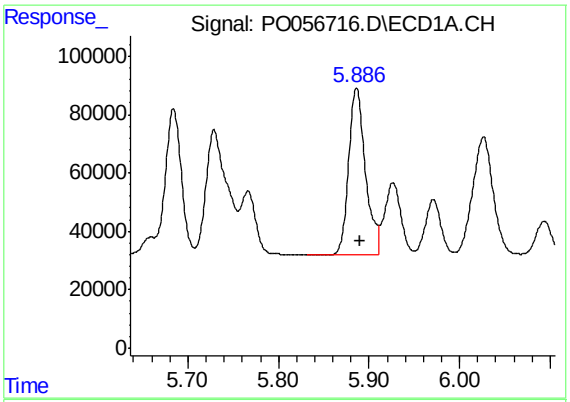

#6 AR-1016-4

R.T.: 5.596 min
Delta R.T.: -0.003 min
Response: 719387
Conc: 548.40 ng/ml




#6 AR-1016-4

R.T.: 4.871 min
Delta R.T.: -0.005 min
Response: 430434
Conc: 519.95 ng/ml




#7 AR-1016-5

R.T.: 5.886 min
Delta R.T.: -0.004 min
Response: 734393
Conc: 531.55 ng/ml

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

**Manual Integrations APPROVED**
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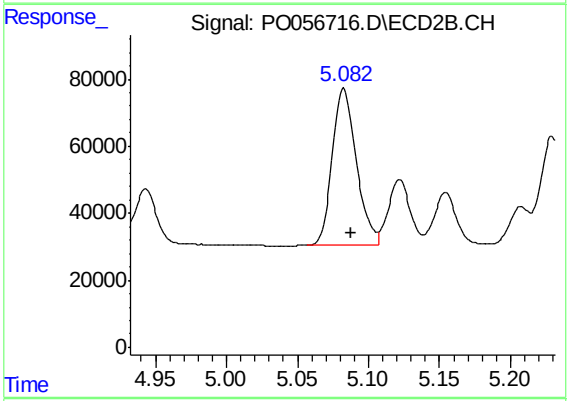
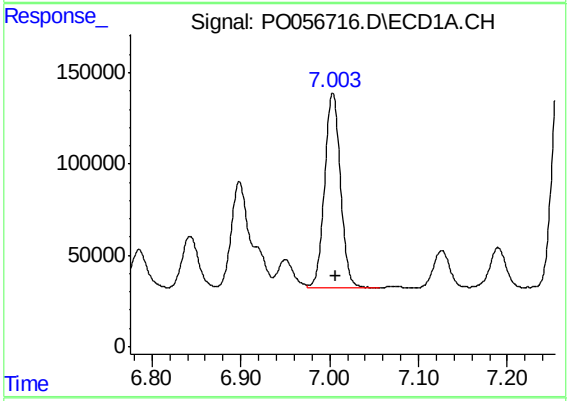


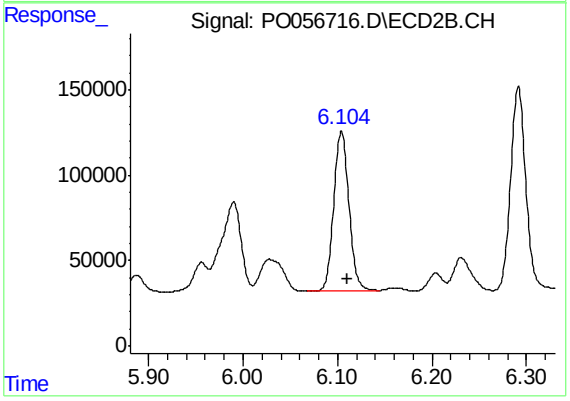

#7 AR-1016-5

R.T.: 5.082 min
Delta R.T.: -0.006 min
Response: 557538
Conc: 519.74 ng/ml m



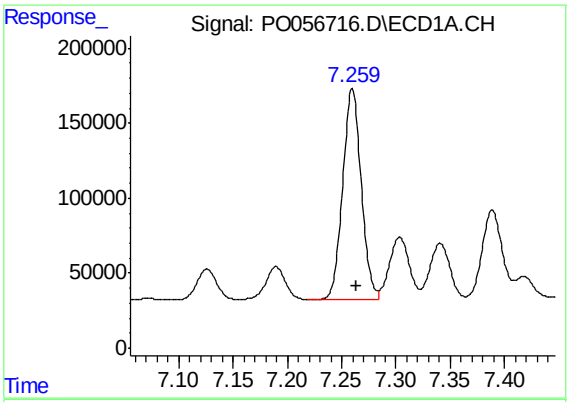

#31 AR-1260-1

R.T.: 7.004 min
Delta R.T.: -0.004 min
Response: 1328558
Conc: 517.72 ng/ml




#31 AR-1260-1

R.T.: 6.104 min
Delta R.T.: -0.006 min
Response: 1058347
Conc: 529.07 ng/ml

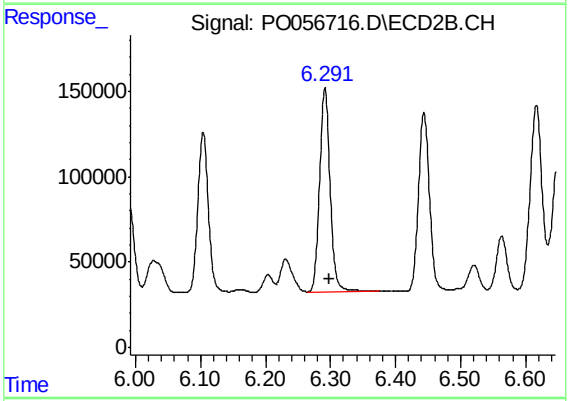



#32 AR-1260-2

R.T.: 7.260 min
Delta R.T.: -0.004 min
Response: 1662841
Conc: 549.85 ng/ml

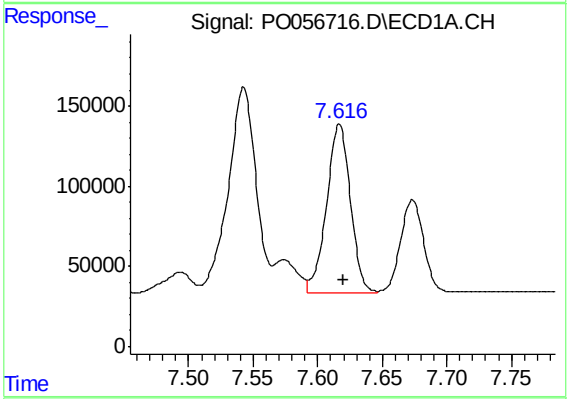
**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

**Manual Integrations APPROVED**
Ankita
5/31/2019 9:11:35 AM



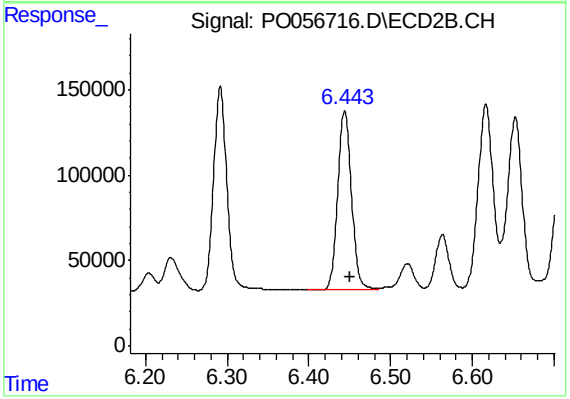

#32 AR-1260-2

R.T.: 6.292 min
Delta R.T.: -0.006 min
Response: 1349464
Conc: 547.46 ng/ml



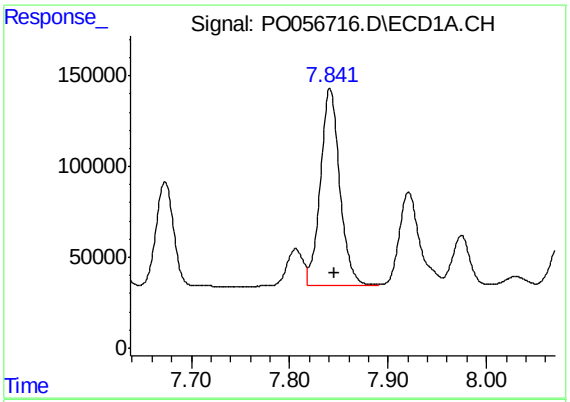

#33 AR-1260-3

R.T.: 7.617 min
Delta R.T.: -0.003 min
Response: 1354222
Conc: 562.14 ng/ml




#33 AR-1260-3

R.T.: 6.444 min
Delta R.T.: -0.006 min
Response: 1228614
Conc: 547.70 ng/ml




#34 AR-1260-4

R.T.: 7.841 min
Delta R.T.: -0.004 min
Response: 1490227
Conc: 568.96 ng/ml

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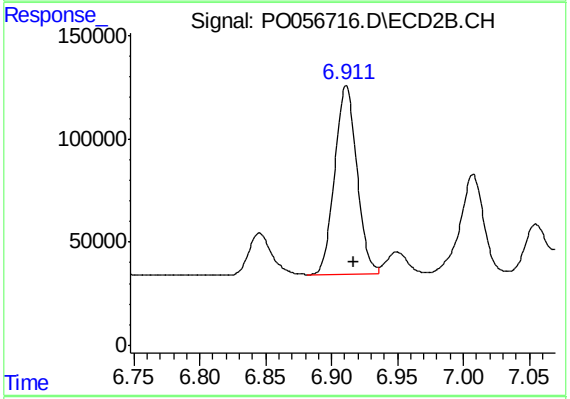
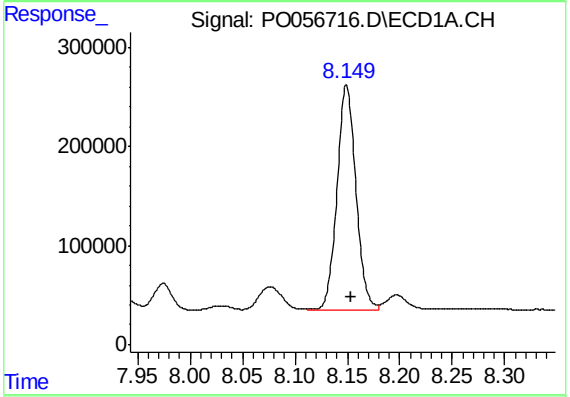


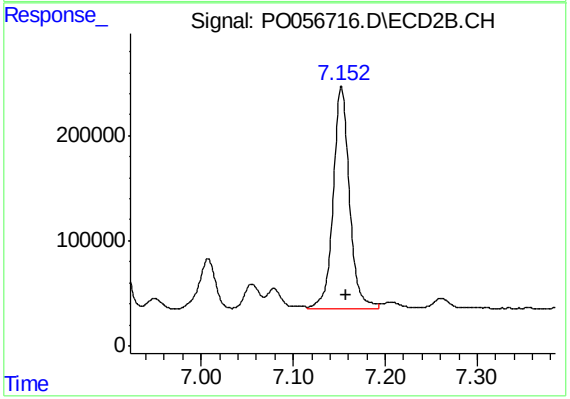

#34 AR-1260-4

R.T.: 6.911 min
Delta R.T.: -0.006 min
Response: 1071830
Conc: 575.94 ng/ml




#35 AR-1260-5

R.T.: 8.149 min
Delta R.T.: -0.004 min
Response: 2838496
Conc: 593.57 ng/ml




#35 AR-1260-5

R.T.: 7.152 min
Delta R.T.: -0.006 min
Response: 2582804
Conc: 598.93 ng/ml m