Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO083119\
Data File : PO060171.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 31 Aug 2019 14:02
Operator : SM/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

**Manual Integrations APPROVED**
Ankita
9/3/2019 4:34:09 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 31 23:07:51 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081719.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 30 18:12:46 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... | 4.122 | 3.496 | 1767191 | 1550609 | 50.473 | 43.078 |
| 2) | SA Decachlor... | 9.574 | 8.350 | 2296213 | 1905221 | 43.162 | 47.251 |
| | Target Compounds | | | | | | |
| 3) | L1 AR-1016-1 | 5.269 | 4.545 | 820826 | 582123 | 511.777 | 430.583 |
| 4) | L1 AR-1016-2 | 5.290 | 4.562 | 1214157 | 888555 | 507.486 | 443.610 |
| 5) | L1 AR-1016-3 | 5.351 | 4.734 | 772451 | 467513 | 518.589 | 432.139m |
| 6) | L1 AR-1016-4 | 5.448 | 4.774 | 658400 | 396997 | 544.245m | 439.647m |
| 7) | L1 AR-1016-5 | 5.735 | 4.982 | 684019 | 518343 | 532.668m | 449.979 |
| 31) | L7 AR-1260-1 | 6.841 | 5.989 | 1415066 | 1068501 | 524.911 | 468.866 |
| 32) | L7 AR-1260-2 | 7.095 | 6.176 | 1786330 | 1346621 | 481.428 | 459.617 |
| 33) | L7 AR-1260-3 | 7.449 | 6.325 | 1525622 | 1216872 | 465.649 | 459.347 |
| 34) | L7 AR-1260-4 | 7.676 | 6.787 | 1527682 | 1023167 | 497.402 | 452.213 |
| 35) | L7 AR-1260-5 | 7.982 | 7.030 | 3101971 | 2486703 | 438.075 | 451.855 |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Quantitation Report (QT Reviewed)

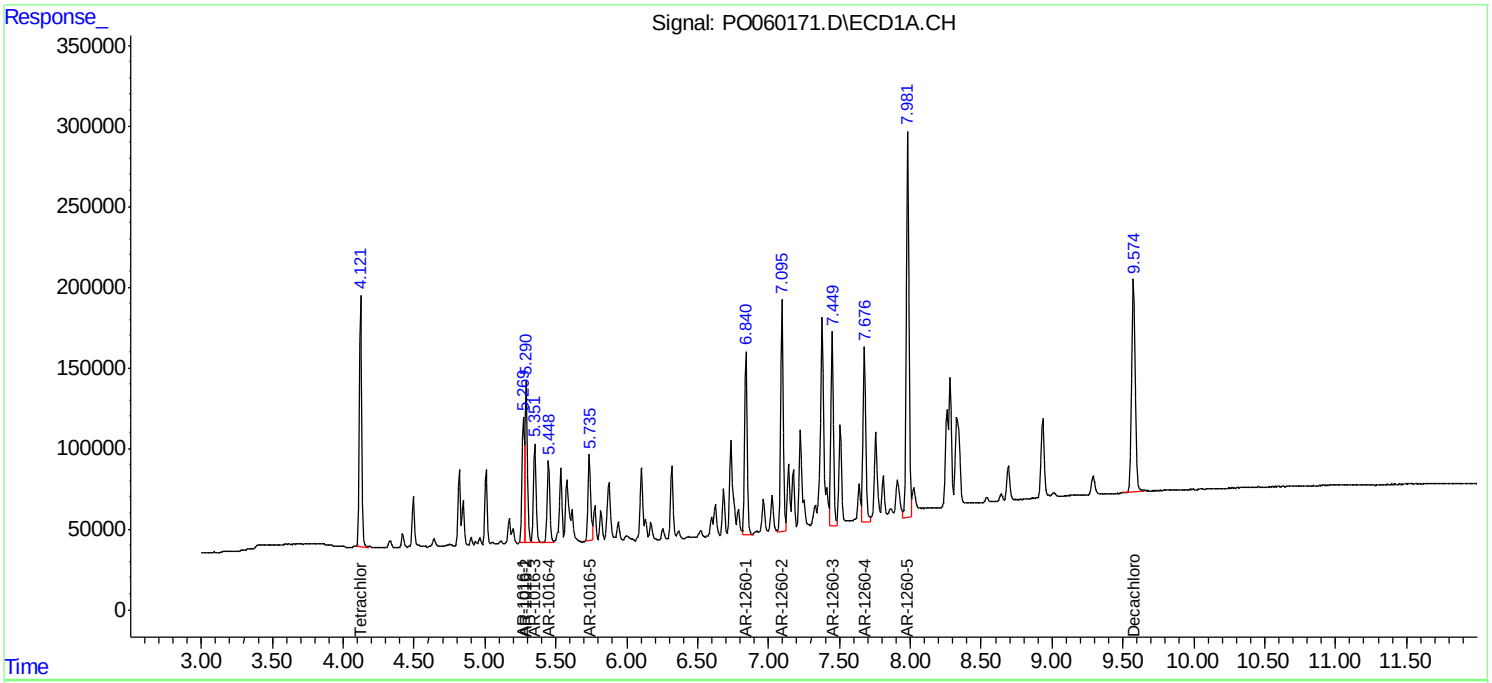
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO083119\
Data File : PO060171.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 31 Aug 2019 14:02
Operator : SM/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

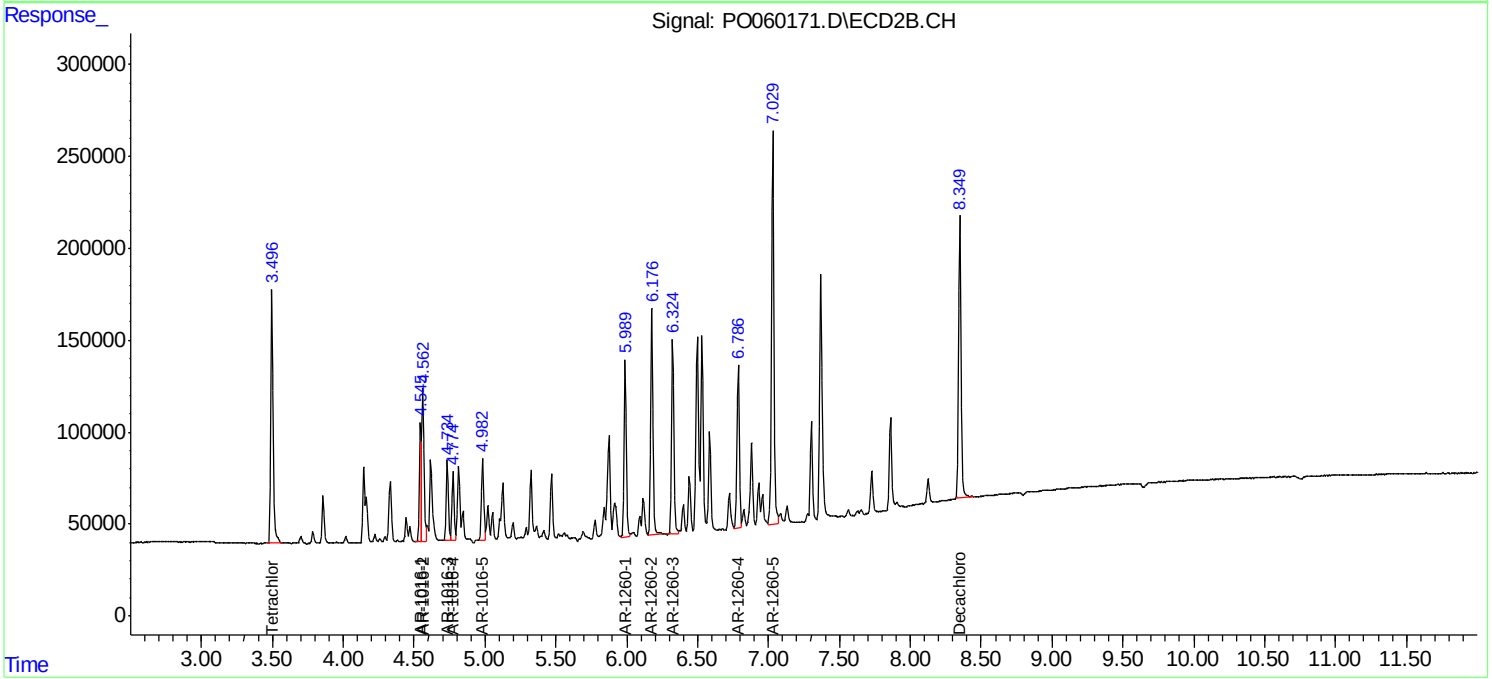
**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

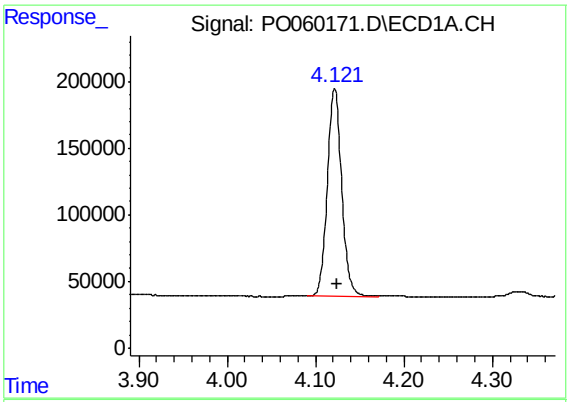
**Manual Integrations APPROVED**
Ankita
9/3/2019 4:34:09 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 31 23:07:51 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081719.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 30 18:12:46 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



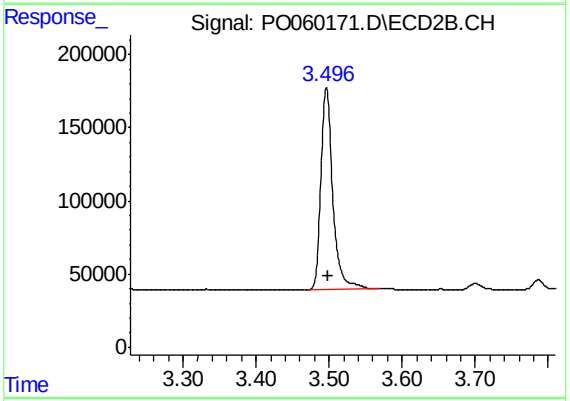



#1 Tetrachloro-m-xylene

R.T.: 4.122 min
Delta R.T.: -0.002 min
Response: 1767191
Conc: 50.47 ng/ml

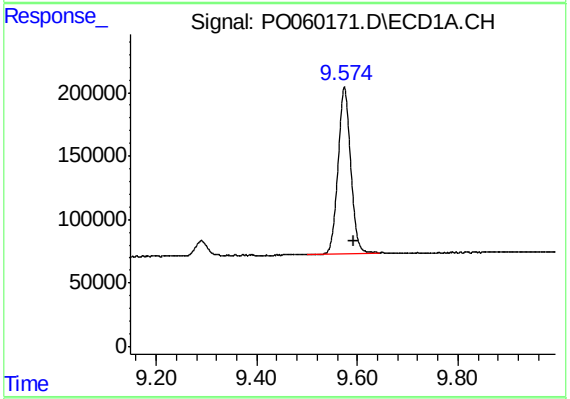
**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

**Manual Integrations APPROVED**
Ankita
9/3/2019 4:34:09 PM



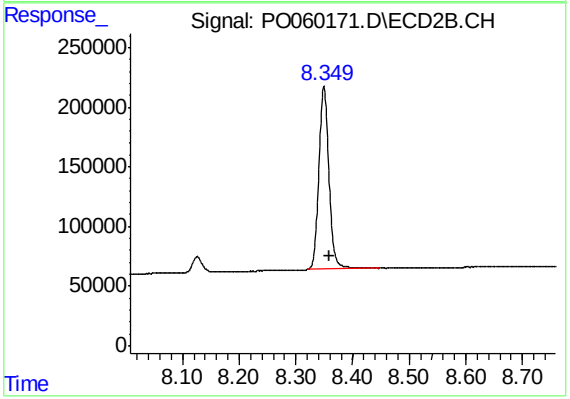

#1 Tetrachloro-m-xylene

R.T.: 3.496 min
Delta R.T.: -0.003 min
Response: 1550609
Conc: 43.08 ng/ml



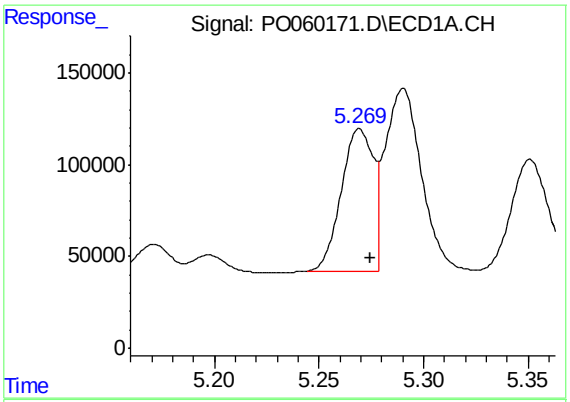

#2 Decachlorobiphenyl

R.T.: 9.574 min
Delta R.T.: -0.019 min
Response: 2296213
Conc: 43.16 ng/ml




#2 Decachlorobiphenyl

R.T.: 8.350 min
Delta R.T.: -0.009 min
Response: 1905221
Conc: 47.25 ng/ml

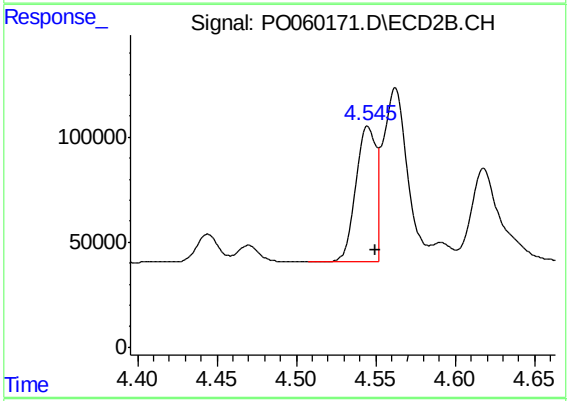



#3 AR-1016-1

R.T.: 5.269 min
Delta R.T.: -0.005 min
Response: 820826
Conc: 511.78 ng/ml

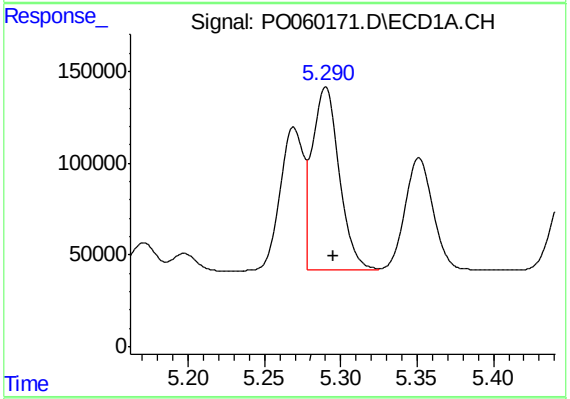
**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

**Manual Integrations APPROVED**
Ankita
9/3/2019 4:34:09 PM



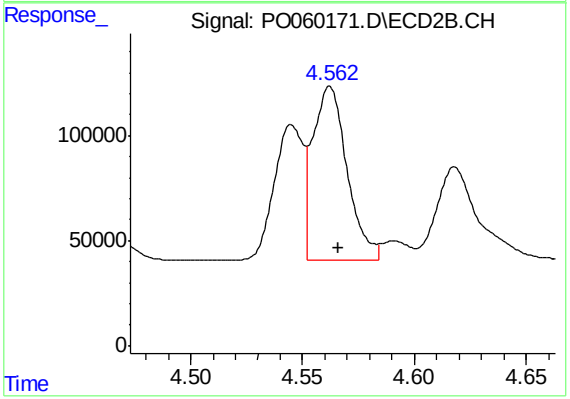

#3 AR-1016-1

R.T.: 4.545 min
Delta R.T.: -0.004 min
Response: 582123
Conc: 430.58 ng/ml



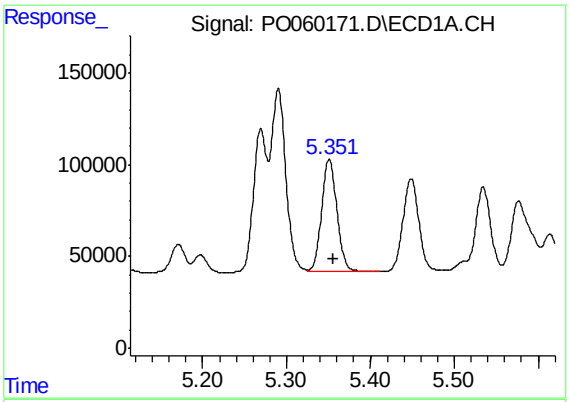

#4 AR-1016-2

R.T.: 5.290 min
Delta R.T.: -0.005 min
Response: 1214157
Conc: 507.49 ng/ml




#4 AR-1016-2

R.T.: 4.562 min
Delta R.T.: -0.004 min
Response: 888555
Conc: 443.61 ng/ml

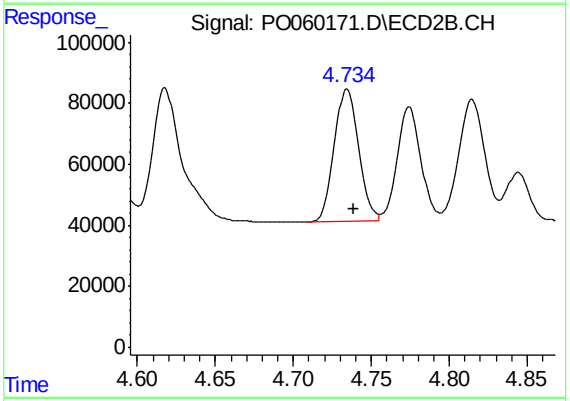



#5 AR-1016-3

R.T.: 5.351 min
Delta R.T.: -0.005 min
Response: 772451
Conc: 518.59 ng/ml

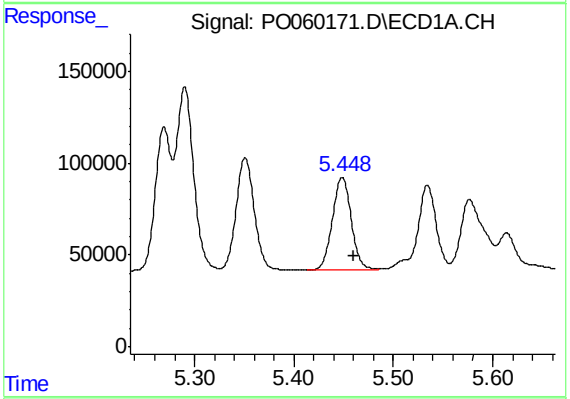
**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

**Manual Integrations APPROVED**
Ankita
9/3/2019 4:34:09 PM



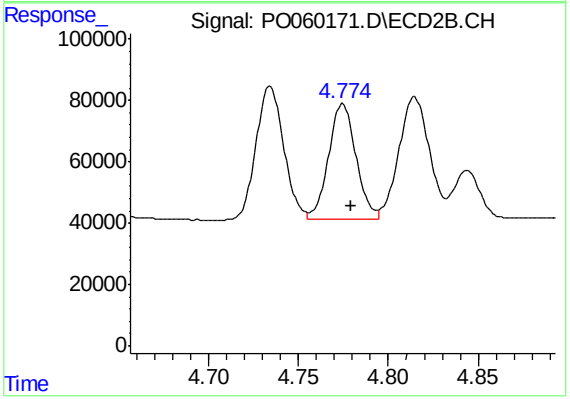

#5 AR-1016-3

R.T.: 4.734 min
Delta R.T.: -0.005 min
Response: 467513
Conc: 432.14 ng/ml m



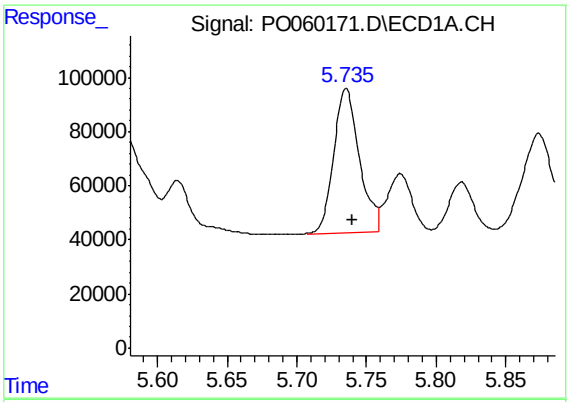

#6 AR-1016-4

R.T.: 5.448 min
Delta R.T.: -0.012 min
Response: 658400
Conc: 544.24 ng/ml m




#6 AR-1016-4

R.T.: 4.774 min
Delta R.T.: -0.005 min
Response: 396997
Conc: 439.65 ng/ml m

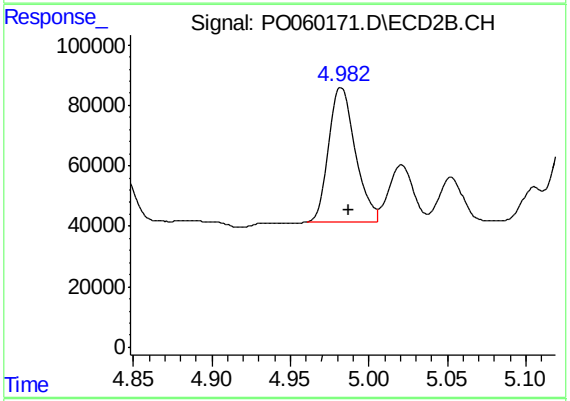



#7 AR-1016-5

R.T.: 5.735 min
Delta R.T.: -0.005 min
Response: 684019
Conc: 532.67 ng/ml m

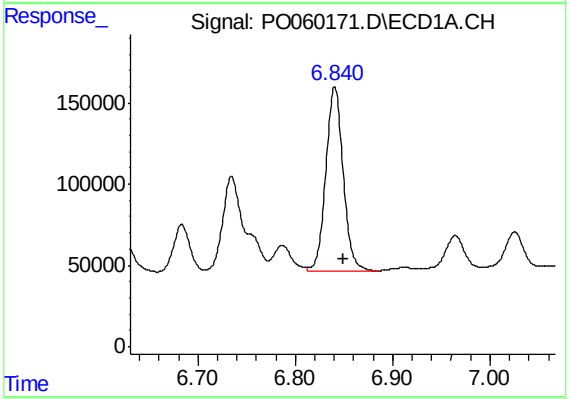
**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

**Manual Integrations APPROVED**
Ankita
9/3/2019 4:34:09 PM



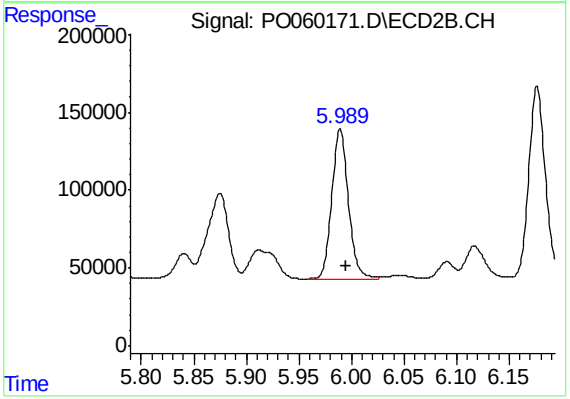

#7 AR-1016-5

R.T.: 4.982 min
Delta R.T.: -0.005 min
Response: 518343
Conc: 449.98 ng/ml



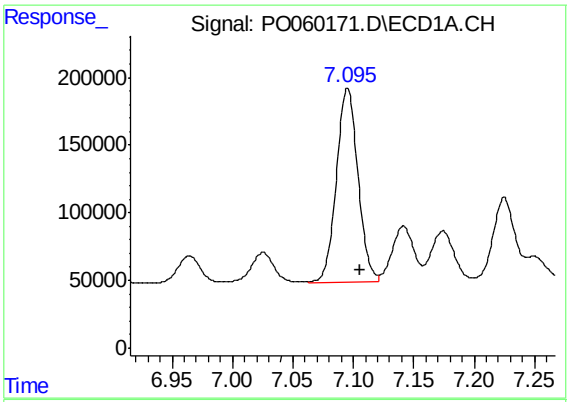

#31 AR-1260-1

R.T.: 6.841 min
Delta R.T.: -0.009 min
Response: 1415066
Conc: 524.91 ng/ml




#31 AR-1260-1

R.T.: 5.989 min
Delta R.T.: -0.006 min
Response: 1068501
Conc: 468.87 ng/ml

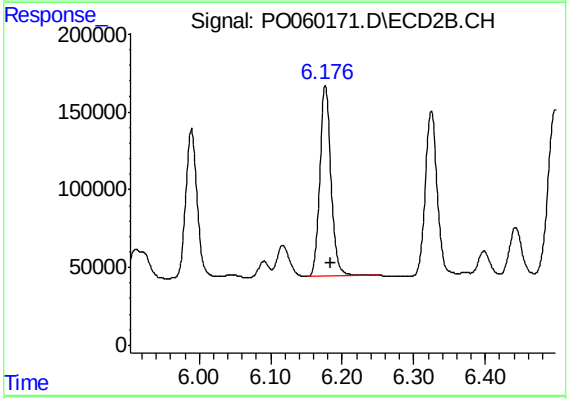



#32 AR-1260-2

R.T.: 7.095 min
Delta R.T.: -0.010 min
Response: 1786330
Conc: 481.43 ng/ml

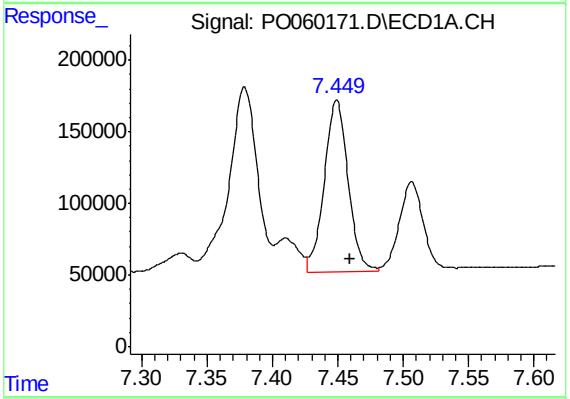
**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

**Manual Integrations APPROVED**
Ankita
9/3/2019 4:34:09 PM



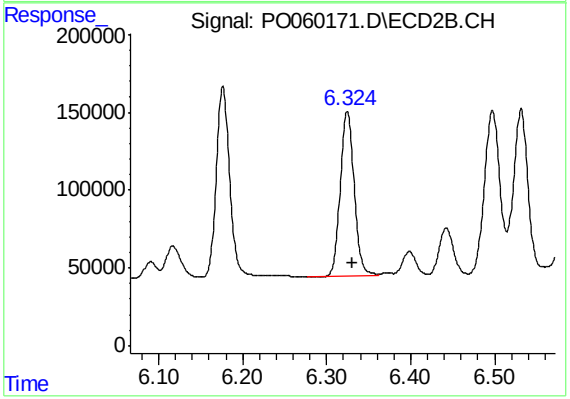

#32 AR-1260-2

R.T.: 6.176 min
Delta R.T.: -0.007 min
Response: 1346621
Conc: 459.62 ng/ml



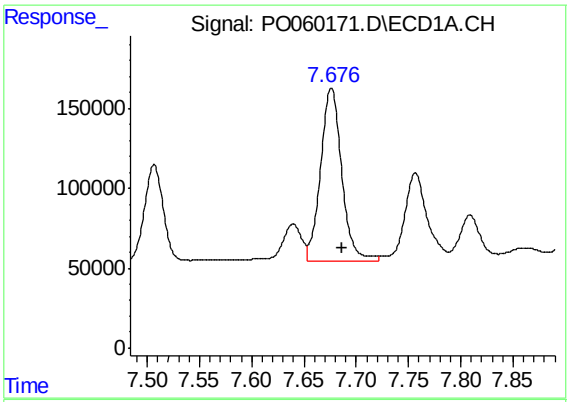

#33 AR-1260-3

R.T.: 7.449 min
Delta R.T.: -0.010 min
Response: 1525622
Conc: 465.65 ng/ml




#33 AR-1260-3

R.T.: 6.325 min
Delta R.T.: -0.006 min
Response: 1216872
Conc: 459.35 ng/ml

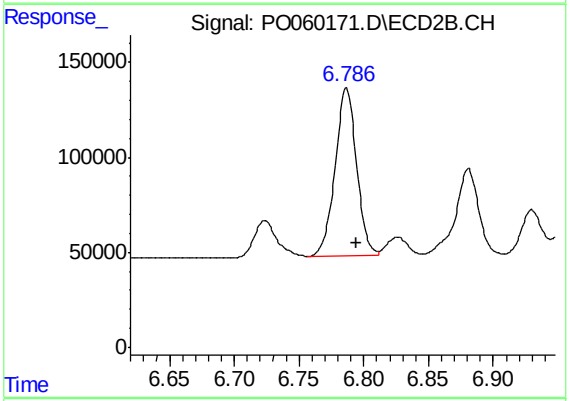



#34 AR-1260-4

R.T.: 7.676 min
Delta R.T.: -0.011 min
Response: 1527682
Conc: 497.40 ng/ml

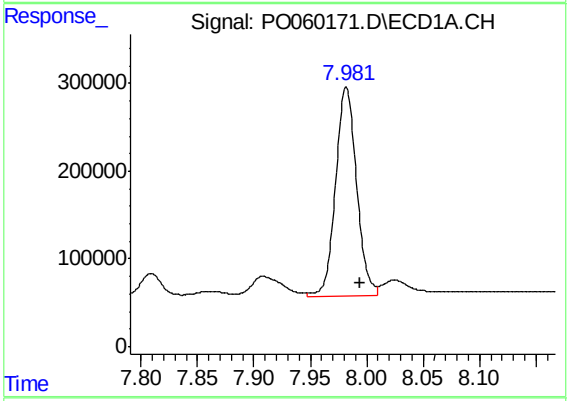
**Instrument :**
ECD_O
**ClientSampleId :**
AR1660CCC500

**Manual Integrations APPROVED**
Ankita
9/3/2019 4:34:09 PM



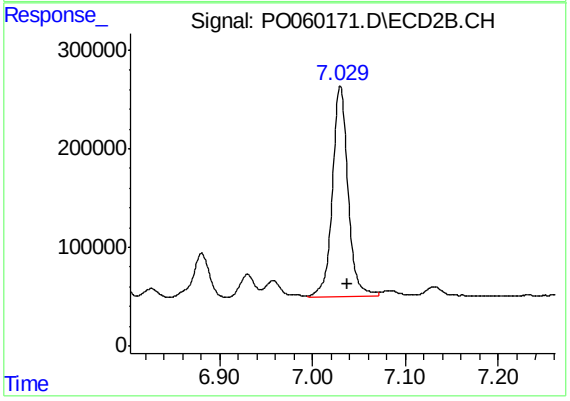

#34 AR-1260-4

R.T.: 6.787 min
Delta R.T.: -0.007 min
Response: 1023167
Conc: 452.21 ng/ml




#35 AR-1260-5

R.T.: 7.982 min
Delta R.T.: -0.012 min
Response: 3101971
Conc: 438.08 ng/ml




#35 AR-1260-5

R.T.: 7.030 min
Delta R.T.: -0.007 min
Response: 2486703
Conc: 451.86 ng/ml