

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0052019\  
 Data File : P0056395.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 20 May 2019 21:23  
 Operator : SM/SJ  
 Sample : K2241-08  
 Misc : AR1242 LOQ 100PPB  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2019

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 21 03:59:09 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0052019.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue May 21 03:48:44 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... | 4.259 | 3.574 | 443578 | 400818 | 15.402  | 14.862   |
| 2)                          | SA Decachlor... | 9.847 | 8.515 | 873838 | 707691 | 17.125  | 16.109   |
| Target Compounds            |                 |       |       |        |        |         |          |
| 3)                          | L1 AR-1016-1    | 5.421 | 4.643 | 105143 | 81994  | 68.171  | 60.570   |
| 4)                          | L1 AR-1016-2    | 5.443 | 4.662 | 144346 | 105229 | 66.815  | 56.147   |
| 5)                          | L1 AR-1016-3    | 5.504 | 4.836 | 95508  | 64337  | 68.615  | 60.330   |
| 6)                          | L1 AR-1016-4    | 5.603 | 4.877 | 76243  | 48108  | 66.340  | 55.605   |
| 7)                          | L1 AR-1016-5    | 5.894 | 5.088 | 64837  | 67403  | 53.062  | 58.211   |
| 10)                         | L2 AR-1221-3    | 4.632 | 3.943 | 45636  | 33185  | 51.621  | 43.186   |
| 11)                         | L3 AR-1232-1    | 4.632 | 3.943 | 45636  | 33185  | 40.566  | 33.713   |
| 12)                         | L3 AR-1232-2    | 5.155 | 4.662 | 65855  | 105229 | 99.571  | 84.763   |
| 13)                         | L3 AR-1232-3    | 5.443 | 4.836 | 144346 | 64337  | 101.547 | 90.572   |
| 14)                         | L3 AR-1232-4    | 5.603 | 4.917 | 76243  | 55323  | 101.832 | 89.355   |
| 15)                         | L3 AR-1232-5    | 5.691 | 5.088 | 65580  | 67403  | 111.040 | 94.678   |
| 16)                         | L4 AR-1242-1    | 5.421 | 4.643 | 105143 | 81994  | 89.787  | 78.634   |
| 17)                         | L4 AR-1242-2    | 5.443 | 4.662 | 144346 | 105229 | 88.387  | 74.094   |
| 18)                         | L4 AR-1242-3    | 5.504 | 4.836 | 95508  | 64337  | 88.884  | 77.735   |
| 19)                         | L4 AR-1242-4    | 5.603 | 4.917 | 76243  | 55323  | 85.797  | 68.909   |
| 20)                         | L4 AR-1242-5    | 6.333 | 5.436 | 99504  | 91034  | 87.345  | 82.223   |
| 21)                         | L5 AR-1248-1    | 5.421 | 4.643 | 105143 | 81994  | 116.124 | 102.342  |
| 22)                         | L5 AR-1248-2    | 5.691 | 4.877 | 65580  | 48108  | 49.790  | 44.494   |
| 23)                         | L5 AR-1248-3    | 5.894 | 4.917 | 64837  | 55323  | 43.593  | 49.155   |
| 24)                         | L5 AR-1248-4    | 6.296 | 5.088 | 95865  | 67403  | 52.572  | 47.344   |
| 25)                         | L5 AR-1248-5    | 6.333 | 5.477 | 99504  | 73833  | 56.675  | 48.213   |
| 26)                         | L6 AR-1254-1    | 6.267 | 5.436 | 70725  | 91034  | 30.239  | 30.258   |
| 27)                         | L6 AR-1254-2    | 6.490 | 5.650 | 88481  | 43319  | 23.649  | 16.046 # |
| -----                       |                 |       |       |        |        |         |          |

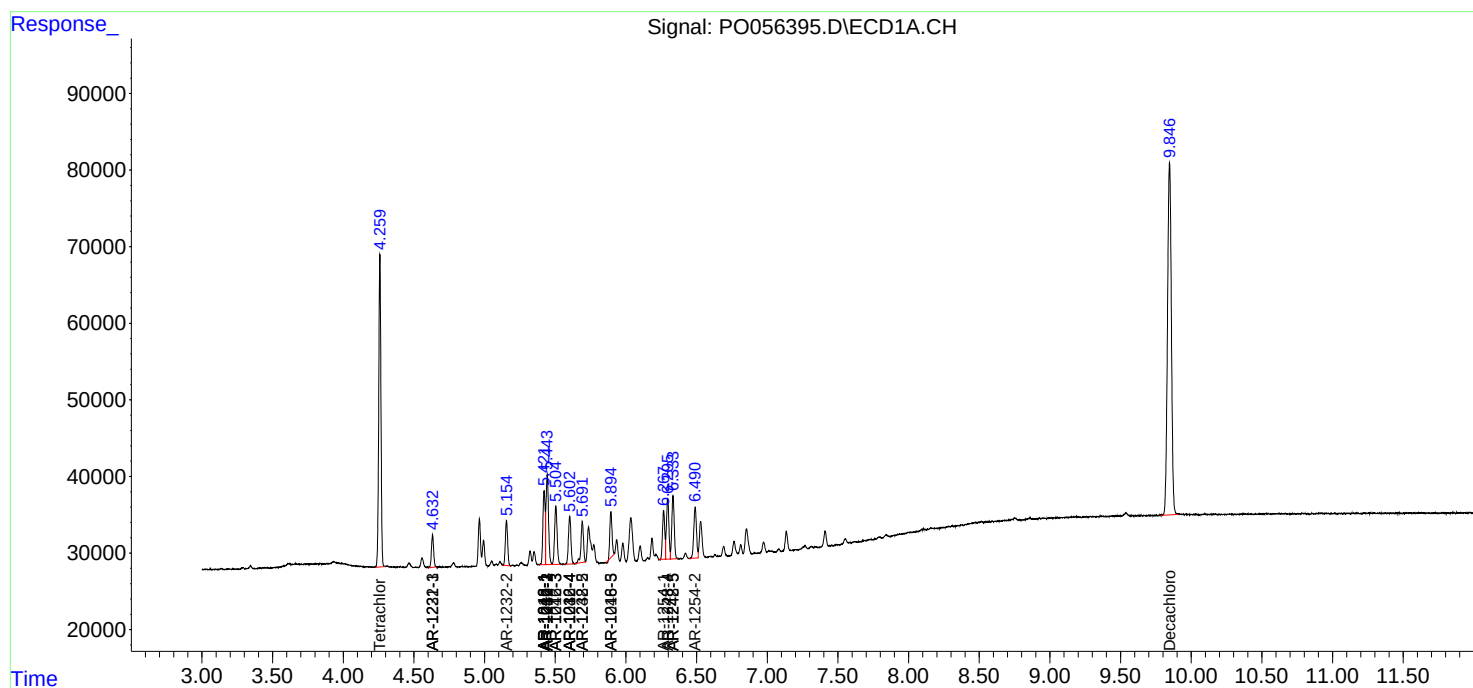
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

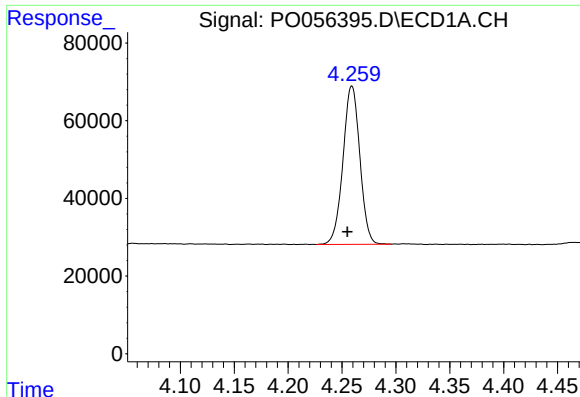
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO052019\  
Data File : PO056395.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 20 May 2019 21:23  
Operator : SM/SJ  
Sample : K2241-08  
Misc : AR1242 LOQ 100PPB  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
LOQ-WATER-02-QT2-2019

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 21 03:59:09 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO052019.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue May 21 03:48:44 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

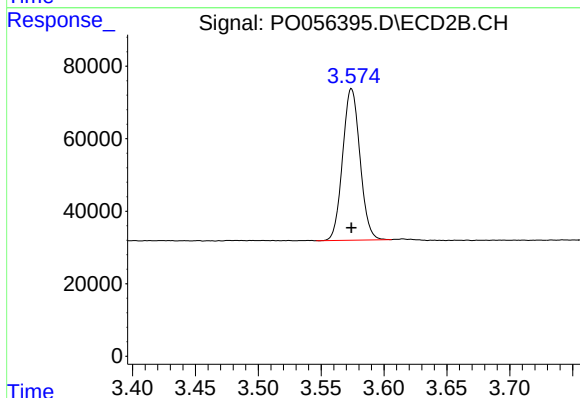




#1 Tetrachloro-m-xylene

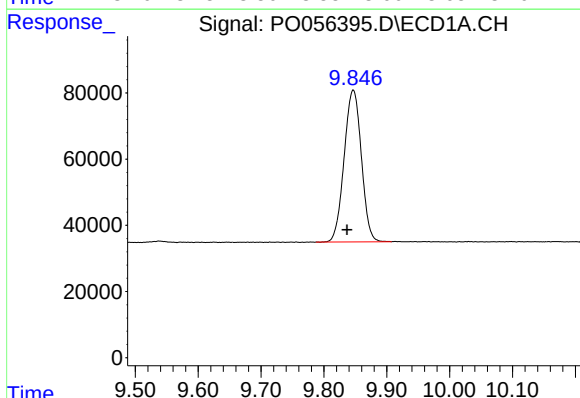
R.T.: 4.259 min  
Delta R.T.: 0.004 min  
Response: 443578  
Conc: 15.40 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOQ-WATER-02-QT2-2019



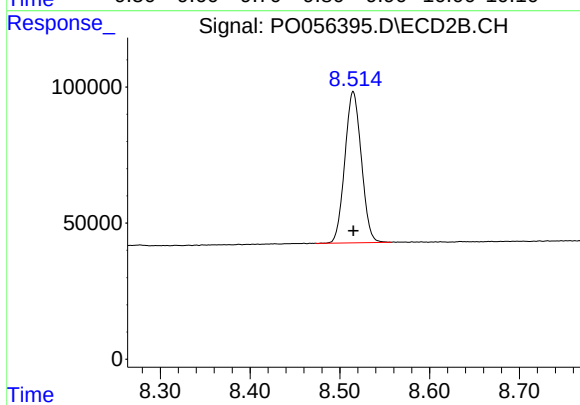
#1 Tetrachloro-m-xylene

R.T.: 3.574 min  
Delta R.T.: 0.000 min  
Response: 400818  
Conc: 14.86 ng/ml



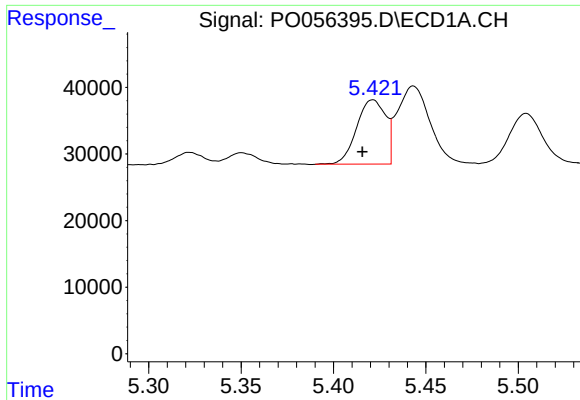
#2 Decachlorobiphenyl

R.T.: 9.847 min  
Delta R.T.: 0.010 min  
Response: 873838  
Conc: 17.13 ng/ml



#2 Decachlorobiphenyl

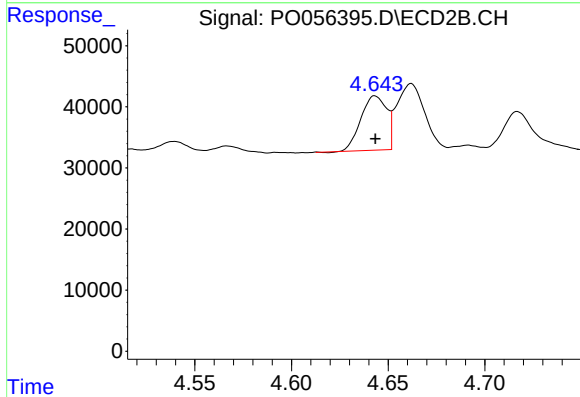
R.T.: 8.515 min  
Delta R.T.: 0.000 min  
Response: 707691  
Conc: 16.11 ng/ml



#3 AR-1016-1

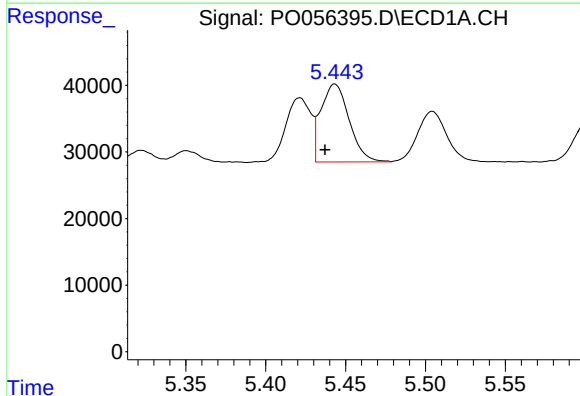
R.T.: 5.421 min  
Delta R.T.: 0.006 min  
Response: 105143  
Conc: 68.17 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOQ-WATER-02-QT2-2019



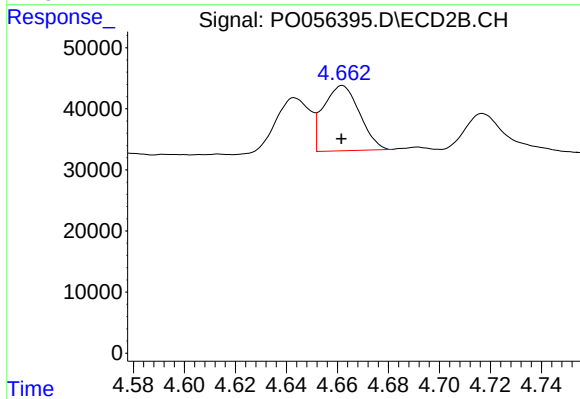
#3 AR-1016-1

R.T.: 4.643 min  
Delta R.T.: 0.000 min  
Response: 81994  
Conc: 60.57 ng/ml



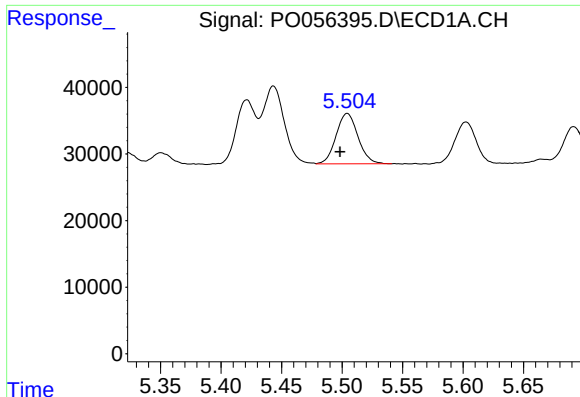
#4 AR-1016-2

R.T.: 5.443 min  
Delta R.T.: 0.006 min  
Response: 144346  
Conc: 66.82 ng/ml



#4 AR-1016-2

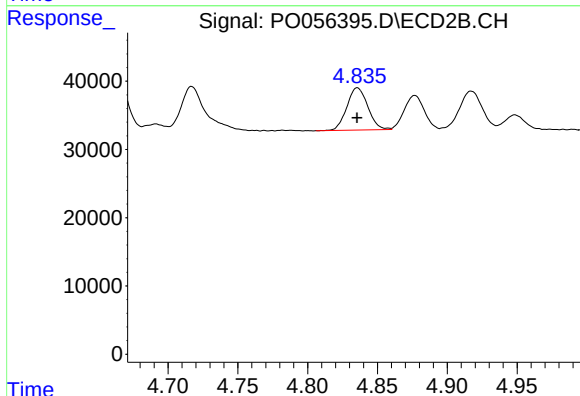
R.T.: 4.662 min  
Delta R.T.: 0.000 min  
Response: 105229  
Conc: 56.15 ng/ml



#5 AR-1016-3

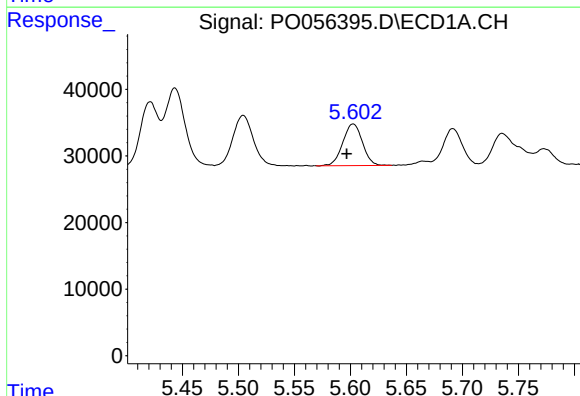
R.T.: 5.504 min  
Delta R.T.: 0.006 min  
Response: 95508  
Conc: 68.61 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOQ-WATER-02-QT2-2019



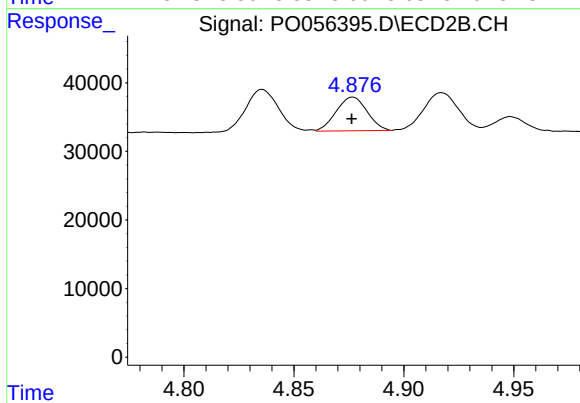
#5 AR-1016-3

R.T.: 4.836 min  
Delta R.T.: 0.000 min  
Response: 64337  
Conc: 60.33 ng/ml



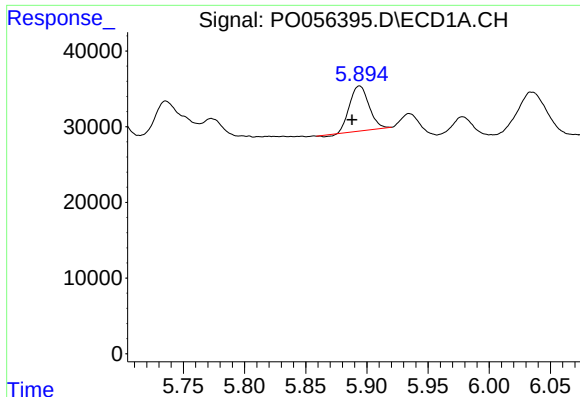
#6 AR-1016-4

R.T.: 5.603 min  
Delta R.T.: 0.006 min  
Response: 76243  
Conc: 66.34 ng/ml



#6 AR-1016-4

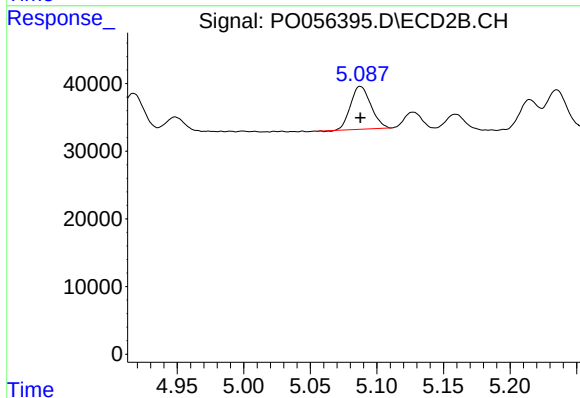
R.T.: 4.877 min  
Delta R.T.: 0.000 min  
Response: 48108  
Conc: 55.60 ng/ml



#7 AR-1016-5

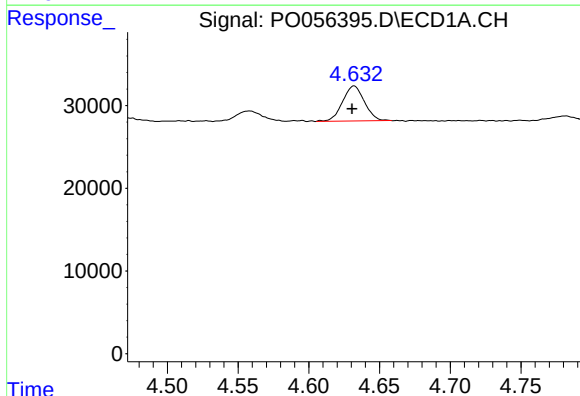
R.T.: 5.894 min  
Delta R.T.: 0.006 min  
Response: 64837  
Conc: 53.06 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOQ-WATER-02-QT2-2019



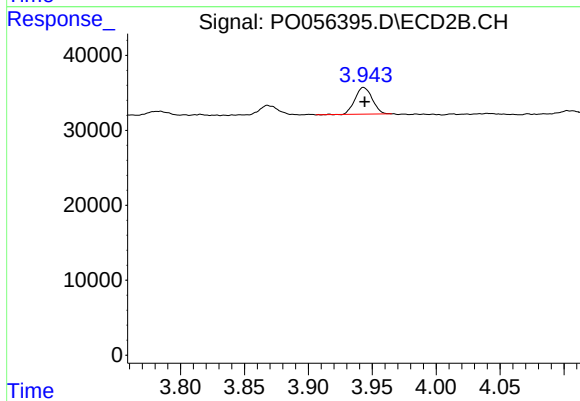
#7 AR-1016-5

R.T.: 5.088 min  
Delta R.T.: 0.000 min  
Response: 67403  
Conc: 58.21 ng/ml



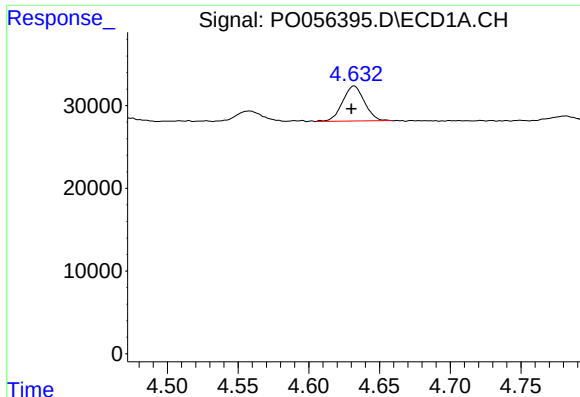
#10 AR-1221-3

R.T.: 4.632 min  
Delta R.T.: 0.001 min  
Response: 45636  
Conc: 51.62 ng/ml



#10 AR-1221-3

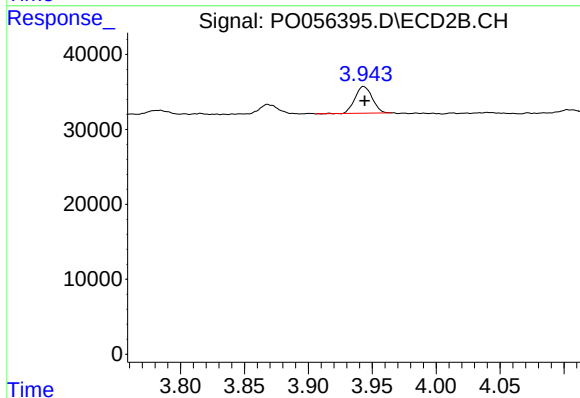
R.T.: 3.943 min  
Delta R.T.: 0.000 min  
Response: 33185  
Conc: 43.19 ng/ml



#11 AR-1232-1

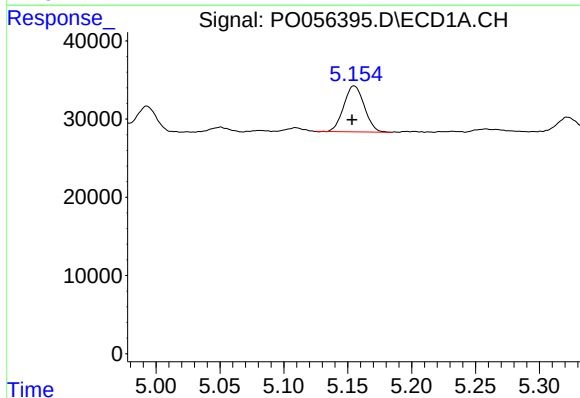
R.T.: 4.632 min  
Delta R.T.: 0.002 min  
Response: 45636  
Conc: 40.57 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOQ-WATER-02-QT2-2019



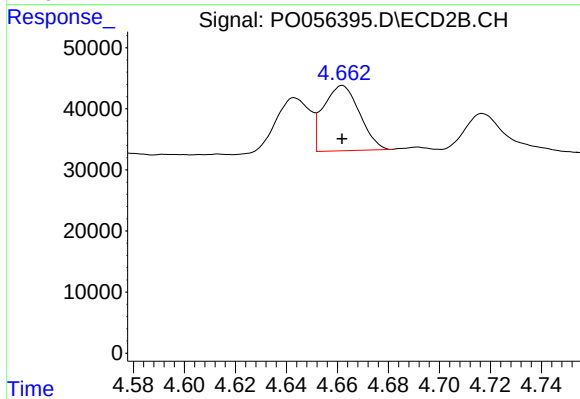
#11 AR-1232-1

R.T.: 3.943 min  
Delta R.T.: 0.000 min  
Response: 33185  
Conc: 33.71 ng/ml



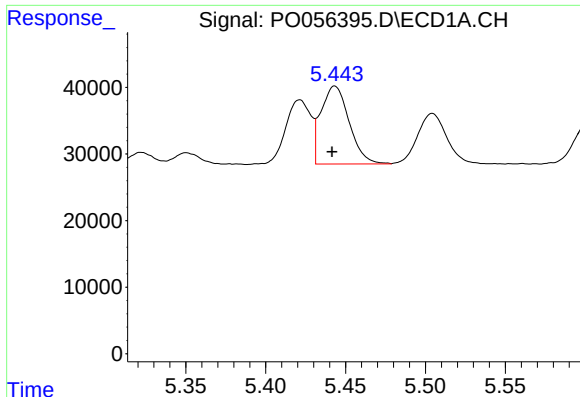
#12 AR-1232-2

R.T.: 5.155 min  
Delta R.T.: 0.002 min  
Response: 65855  
Conc: 99.57 ng/ml



#12 AR-1232-2

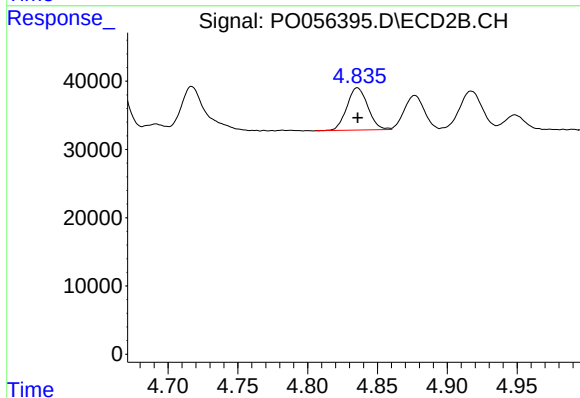
R.T.: 4.662 min  
Delta R.T.: 0.000 min  
Response: 105229  
Conc: 84.76 ng/ml



#13 AR-1232-3

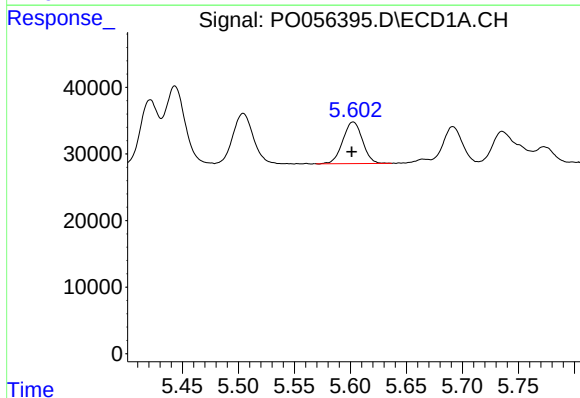
R.T.: 5.443 min  
Delta R.T.: 0.002 min  
Response: 144346  
Conc: 101.55 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOQ-WATER-02-QT2-2019



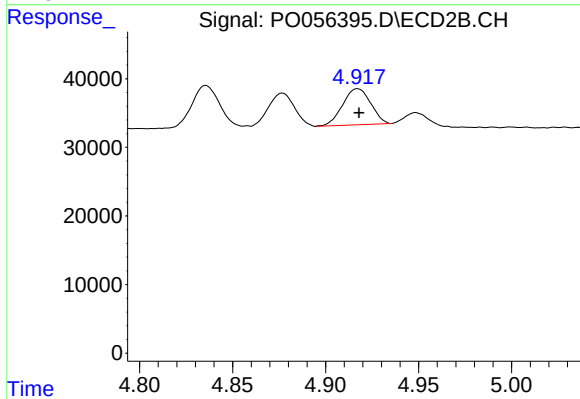
#13 AR-1232-3

R.T.: 4.836 min  
Delta R.T.: 0.000 min  
Response: 64337  
Conc: 90.57 ng/ml



#14 AR-1232-4

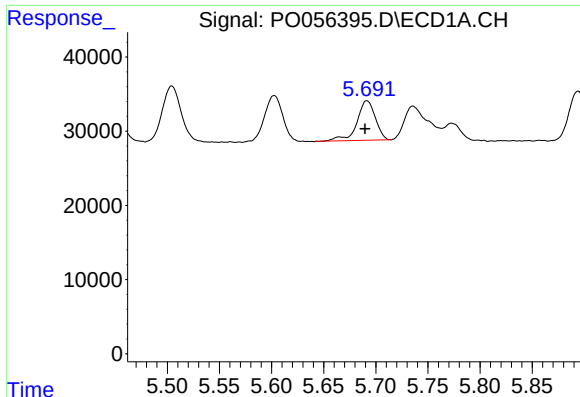
R.T.: 5.603 min  
Delta R.T.: 0.001 min  
Response: 76243  
Conc: 101.83 ng/ml



#14 AR-1232-4

R.T.: 4.917 min  
Delta R.T.: 0.000 min  
Response: 55323  
Conc: 89.36 ng/ml

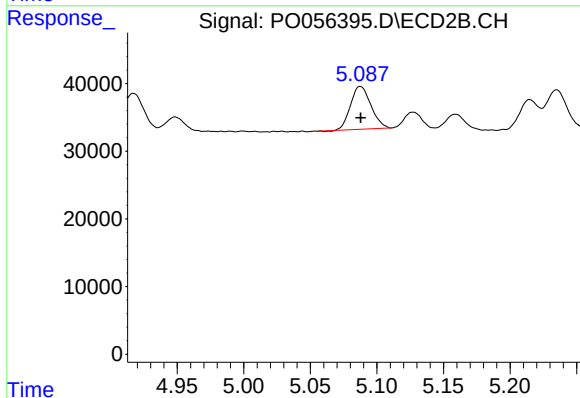




#15 AR-1232-5

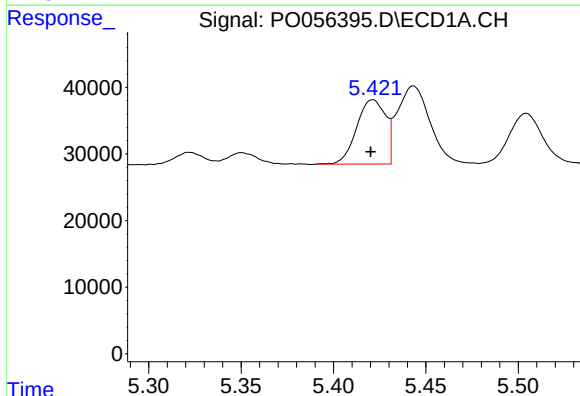
R.T.: 5.691 min  
Delta R.T.: 0.002 min  
Response: 65580  
Conc: 111.04 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOQ-WATER-02-QT2-2019



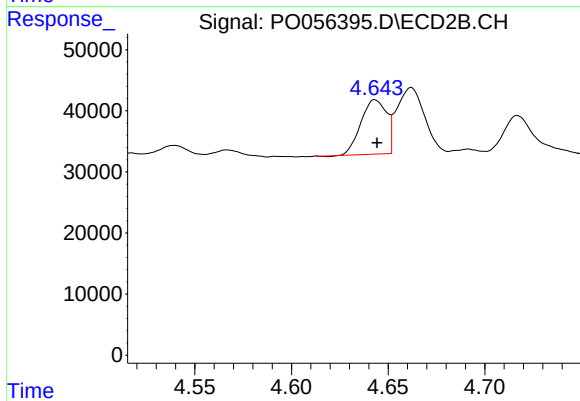
#15 AR-1232-5

R.T.: 5.088 min  
Delta R.T.: 0.000 min  
Response: 67403  
Conc: 94.68 ng/ml



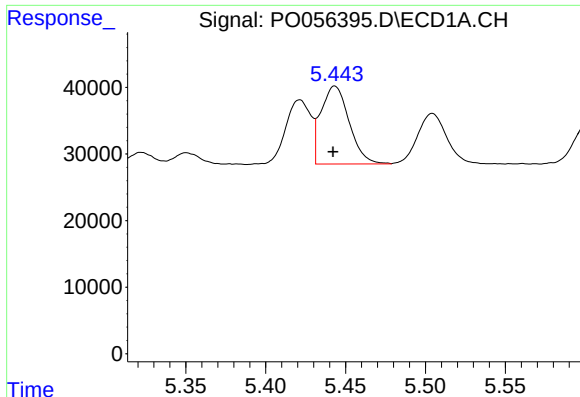
#16 AR-1242-1

R.T.: 5.421 min  
Delta R.T.: 0.001 min  
Response: 105143  
Conc: 89.79 ng/ml



#16 AR-1242-1

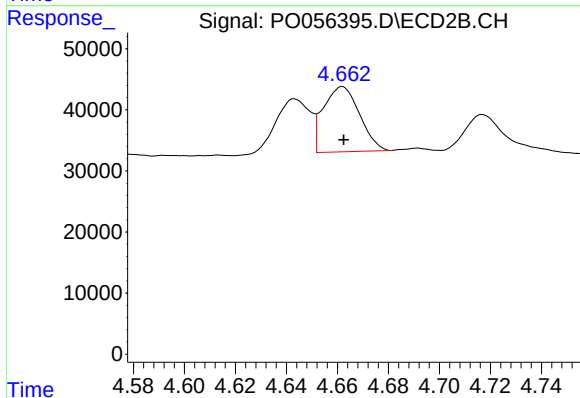
R.T.: 4.643 min  
Delta R.T.: -0.001 min  
Response: 81994  
Conc: 78.63 ng/ml



#17 AR-1242-2

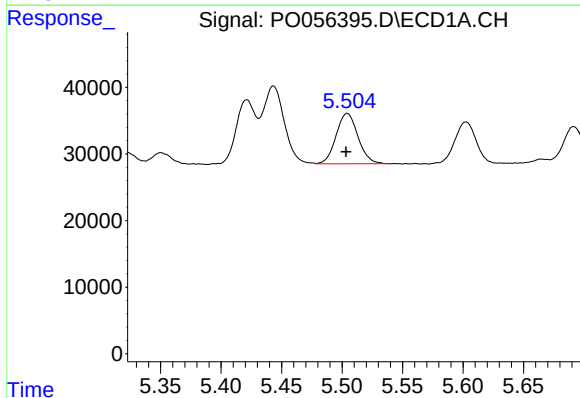
R.T.: 5.443 min  
Delta R.T.: 0.001 min  
Response: 144346  
Conc: 88.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOQ-WATER-02-QT2-2019



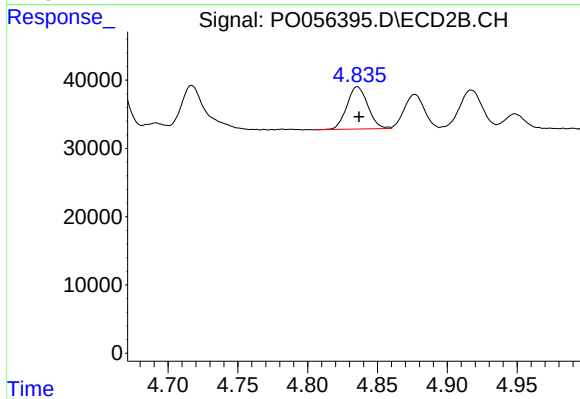
#17 AR-1242-2

R.T.: 4.662 min  
Delta R.T.: 0.000 min  
Response: 105229  
Conc: 74.09 ng/ml



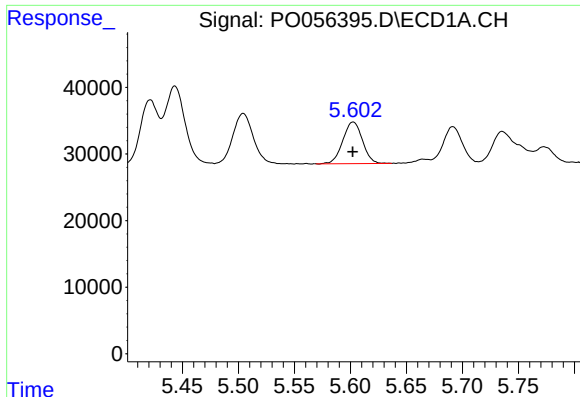
#18 AR-1242-3

R.T.: 5.504 min  
Delta R.T.: 0.001 min  
Response: 95508  
Conc: 88.88 ng/ml



#18 AR-1242-3

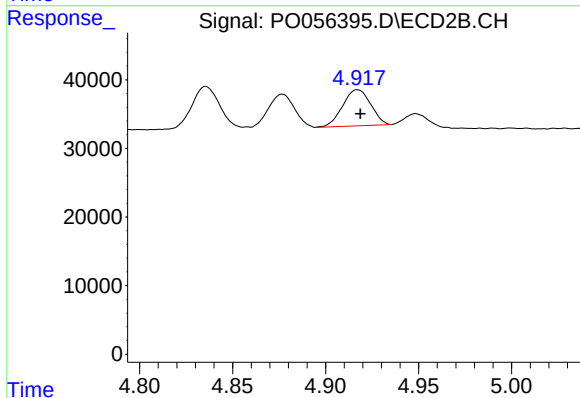
R.T.: 4.836 min  
Delta R.T.: -0.001 min  
Response: 64337  
Conc: 77.73 ng/ml



#19 AR-1242-4

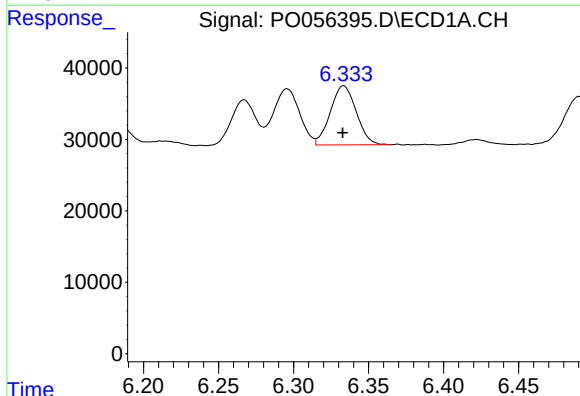
R.T.: 5.603 min  
Delta R.T.: 0.000 min  
Response: 76243  
Conc: 85.80 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOQ-WATER-02-QT2-2019



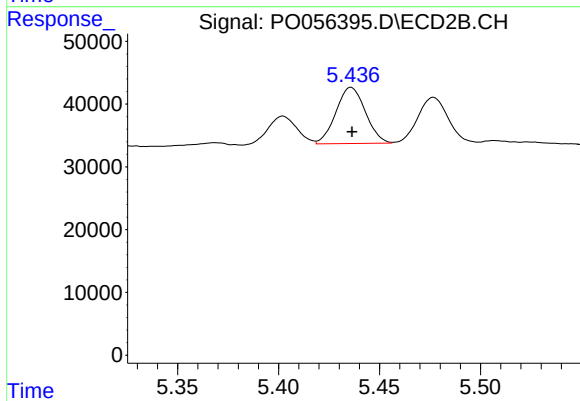
#19 AR-1242-4

R.T.: 4.917 min  
Delta R.T.: -0.002 min  
Response: 55323  
Conc: 68.91 ng/ml



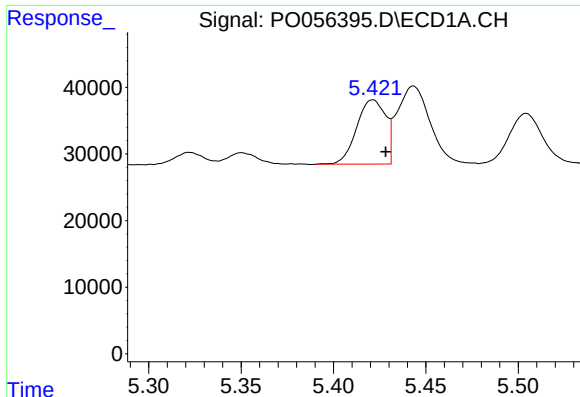
#20 AR-1242-5

R.T.: 6.333 min  
Delta R.T.: 0.000 min  
Response: 99504  
Conc: 87.34 ng/ml



#20 AR-1242-5

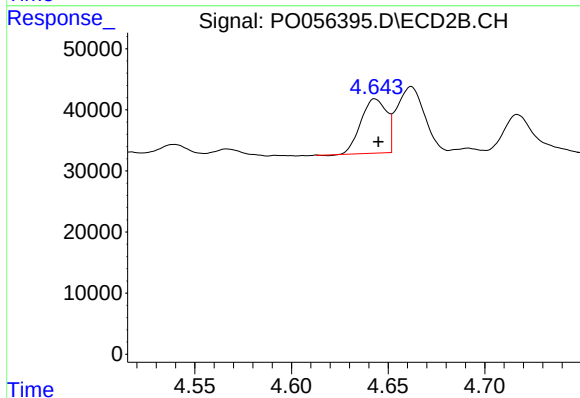
R.T.: 5.436 min  
Delta R.T.: 0.000 min  
Response: 91034  
Conc: 82.22 ng/ml



#21 AR-1248-1

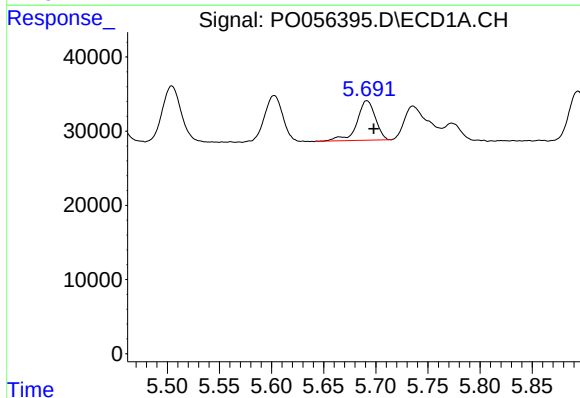
R.T.: 5.421 min  
Delta R.T.: -0.007 min  
Response: 105143  
Conc: 116.12 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOQ-WATER-02-QT2-2019



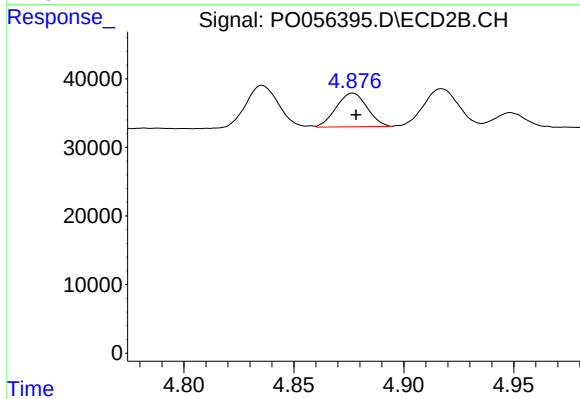
#21 AR-1248-1

R.T.: 4.643 min  
Delta R.T.: -0.002 min  
Response: 81994  
Conc: 102.34 ng/ml



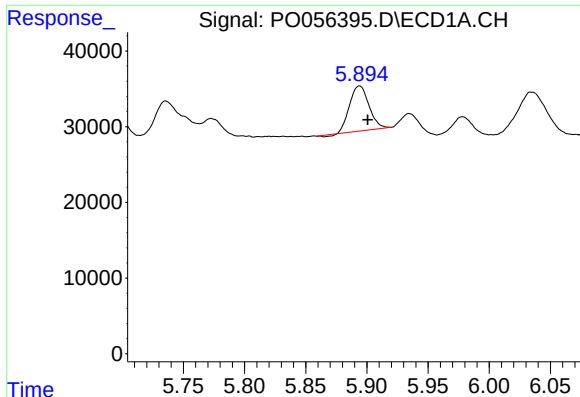
#22 AR-1248-2

R.T.: 5.691 min  
Delta R.T.: -0.007 min  
Response: 65580  
Conc: 49.79 ng/ml



#22 AR-1248-2

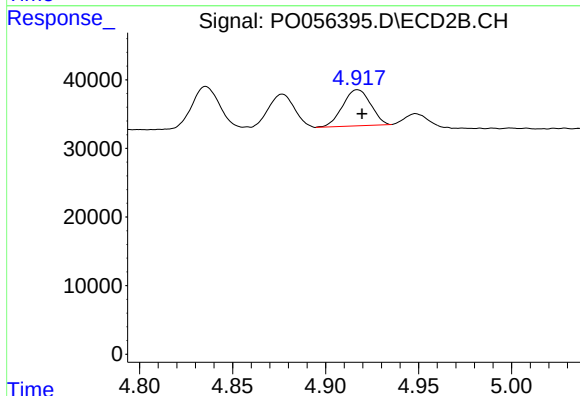
R.T.: 4.877 min  
Delta R.T.: -0.002 min  
Response: 48108  
Conc: 44.49 ng/ml



#23 AR-1248-3

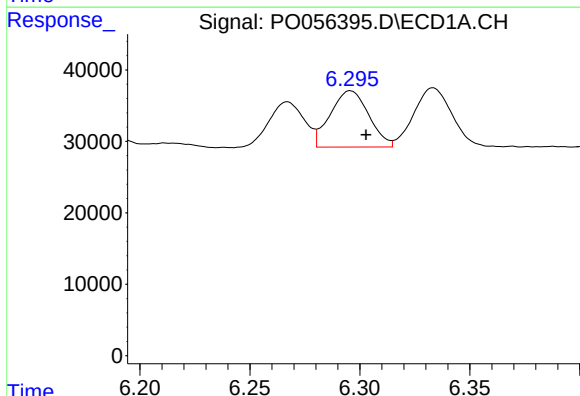
R.T.: 5.894 min  
Delta R.T.: -0.007 min  
Response: 64837  
Conc: 43.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOQ-WATER-02-QT2-2019



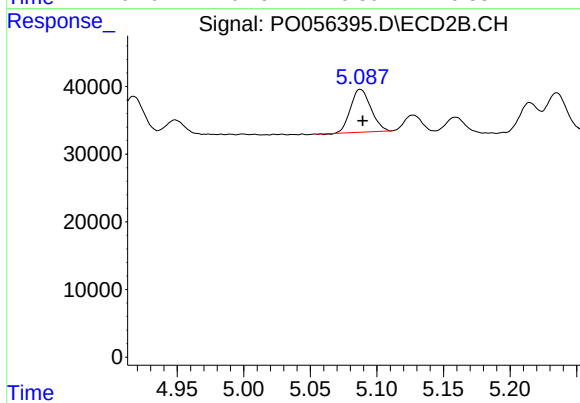
#23 AR-1248-3

R.T.: 4.917 min  
Delta R.T.: -0.003 min  
Response: 55323  
Conc: 49.15 ng/ml



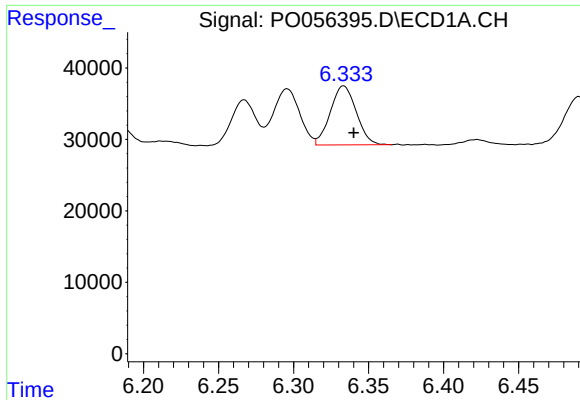
#24 AR-1248-4

R.T.: 6.296 min  
Delta R.T.: -0.007 min  
Response: 95865  
Conc: 52.57 ng/ml



#24 AR-1248-4

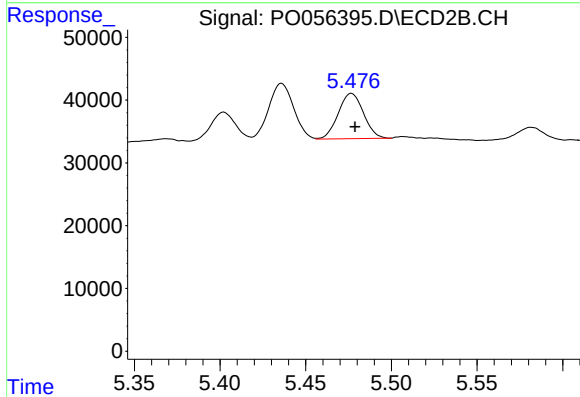
R.T.: 5.088 min  
Delta R.T.: -0.002 min  
Response: 67403  
Conc: 47.34 ng/ml



#25 AR-1248-5

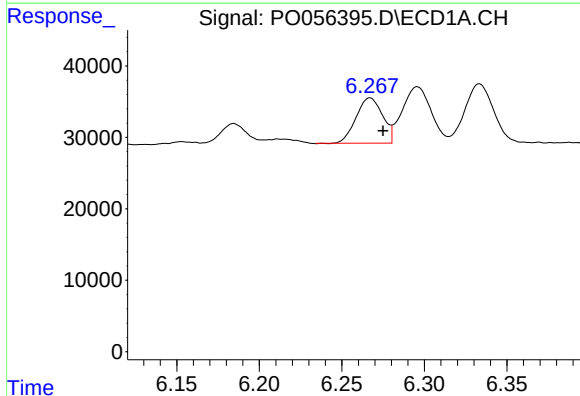
R.T.: 6.333 min  
Delta R.T.: -0.007 min  
Response: 99504  
Conc: 56.67 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOQ-WATER-02-QT2-2019



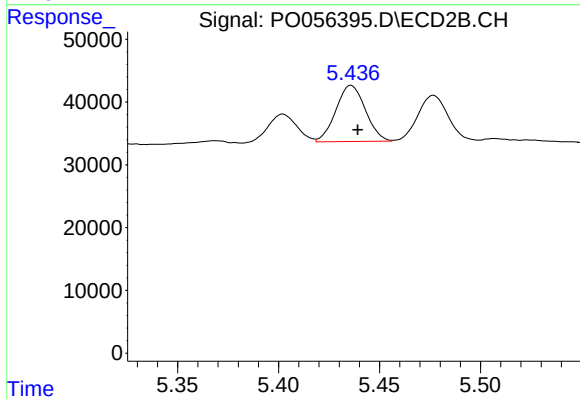
#25 AR-1248-5

R.T.: 5.477 min  
Delta R.T.: -0.002 min  
Response: 73833  
Conc: 48.21 ng/ml



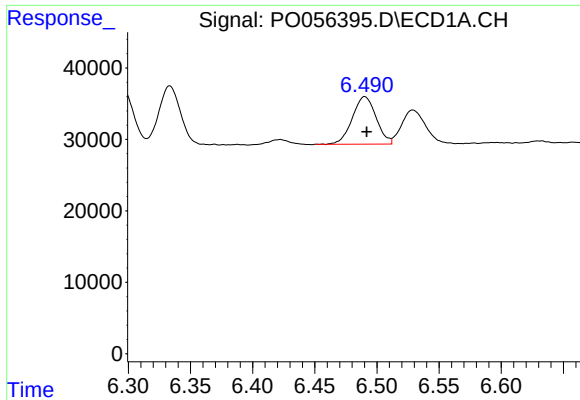
#26 AR-1254-1

R.T.: 6.267 min  
Delta R.T.: -0.008 min  
Response: 70725  
Conc: 30.24 ng/ml



#26 AR-1254-1

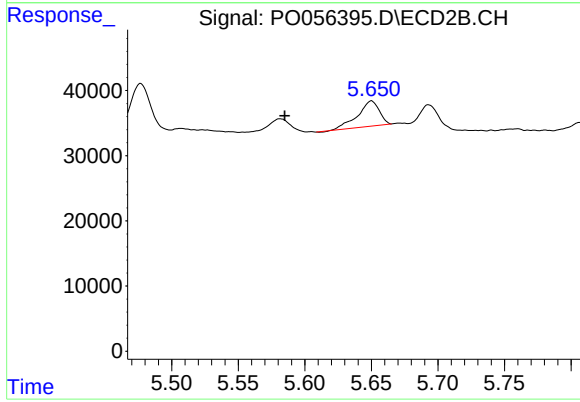
R.T.: 5.436 min  
Delta R.T.: -0.003 min  
Response: 91034  
Conc: 30.26 ng/ml



#27 AR-1254-2

R.T.: 6.490 min  
Delta R.T.: -0.002 min  
Response: 88481  
Conc: 23.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
LOQ-WATER-02-QT2-2019



#27 AR-1254-2

R.T.: 5.650 min  
Delta R.T.: 0.065 min  
Response: 43319  
Conc: 16.05 ng/ml