

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0073119\  
 Data File : P0058632.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 30 Jul 2019 22:02  
 Operator : SM/AJ  
 Sample : K4078-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 INFO-BOX-4-073019

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 31 05:23:49 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0072819.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Jul 27 06:49:05 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... | 4.172 | 3.521 | 809215 | 712193 | 19.174 | 17.827    |
| 2)                          | SA Decachlor... | 9.656 | 8.410 | 944419 | 731710 | 17.439 | 18.537    |
| Target Compounds            |                 |       |       |        |        |        |           |
| 3)                          | L1 AR-1016-1    | 0.000 | 4.579 | 0      | 39219  | N.D.   | 26.899 #  |
| 4)                          | L1 AR-1016-2    | 0.000 | 4.596 | 0      | 48868  | N.D.   | 22.765 #  |
| 5)                          | L1 AR-1016-3    | 0.000 | 4.770 | 0      | 20694  | N.D.   | 18.221 #  |
| 6)                          | L1 AR-1016-4    | 0.000 | 4.811 | 0      | 94275  | N.D.   | 99.941 #  |
| 7)                          | L1 AR-1016-5    | 0.000 | 5.019 | 0      | 94691  | N.D.   | 76.895 #  |
| 12)                         | L3 AR-1232-2    | 0.000 | 4.596 | 0      | 48868  | N.D.   | 57.799 #  |
| 13)                         | L3 AR-1232-3    | 0.000 | 4.770 | 0      | 20694  | N.D.   | 47.056 #  |
| 14)                         | L3 AR-1232-4    | 0.000 | 4.850 | 0      | 89921  | N.D.   | 227.493 # |
| 15)                         | L3 AR-1232-5    | 0.000 | 5.019 | 0      | 94691  | N.D.   | 215.084 # |
| 16)                         | L4 AR-1242-1    | 0.000 | 4.579 | 0      | 39219  | N.D.   | 38.633 #  |
| 17)                         | L4 AR-1242-2    | 0.000 | 4.596 | 0      | 48868  | N.D.   | 32.370 #  |
| 18)                         | L4 AR-1242-3    | 0.000 | 4.770 | 0      | 20694  | N.D.   | 25.411 #  |
| 19)                         | L4 AR-1242-4    | 0.000 | 4.850 | 0      | 89921  | N.D.   | 111.147 # |
| 20)                         | L4 AR-1242-5    | 0.000 | 5.365 | 0      | 68688  | N.D.   | 64.033 #  |
| 21)                         | L5 AR-1248-1    | 0.000 | 4.579 | 0      | 39219  | N.D.   | 49.045 #  |
| 22)                         | L5 AR-1248-2    | 0.000 | 4.811 | 0      | 94275  | N.D.   | 85.086 #  |
| 23)                         | L5 AR-1248-3    | 0.000 | 4.850 | 0      | 89921  | N.D.   | 79.006 #  |
| 24)                         | L5 AR-1248-4    | 0.000 | 5.019 | 0      | 94691  | N.D.   | 67.782 #  |
| 25)                         | L5 AR-1248-5    | 0.000 | 5.405 | 0      | 36860  | N.D.   | 26.609 #  |
| 26)                         | L6 AR-1254-1    | 0.000 | 5.365 | 0      | 68688  | N.D.   | 26.515 #  |
| 27)                         | L6 AR-1254-2    | 0.000 | 5.510 | 0      | 32243  | N.D.   | 14.083 #  |
| 28)                         | L6 AR-1254-3    | 0.000 | 5.907 | 0      | 70092  | N.D.   | 19.050 #  |
| 29)                         | L6 AR-1254-4    | 0.000 | 6.134 | 0      | 23419  | N.D.   | 10.072 #  |
| 30)                         | L6 AR-1254-5    | 0.000 | 6.545 | 0      | 16209  | N.D.   | 4.699 #   |
| 32)                         | L7 AR-1260-2    | 0.000 | 6.220 | 0      | 23217  | N.D.   | 7.664 #   |
| 33)                         | L7 AR-1260-3    | 0.000 | 6.373 | 0      | 35603  | N.D.   | 13.187 #  |
| 36)                         | L8 AR-1262-1    | 0.000 | 6.545 | 0      | 16209  | N.D.   | 4.538 #   |
| 38)                         | L8 AR-1262-3    | 0.000 | 7.352 | 0      | 7069   | N.D.   | 2.864 #   |
| 41)                         | L9 AR-1268-1    | 0.000 | 7.352 | 0      | 7069   | N.D.   | 0.868 #   |
| -----                       |                 |       |       |        |        |        |           |

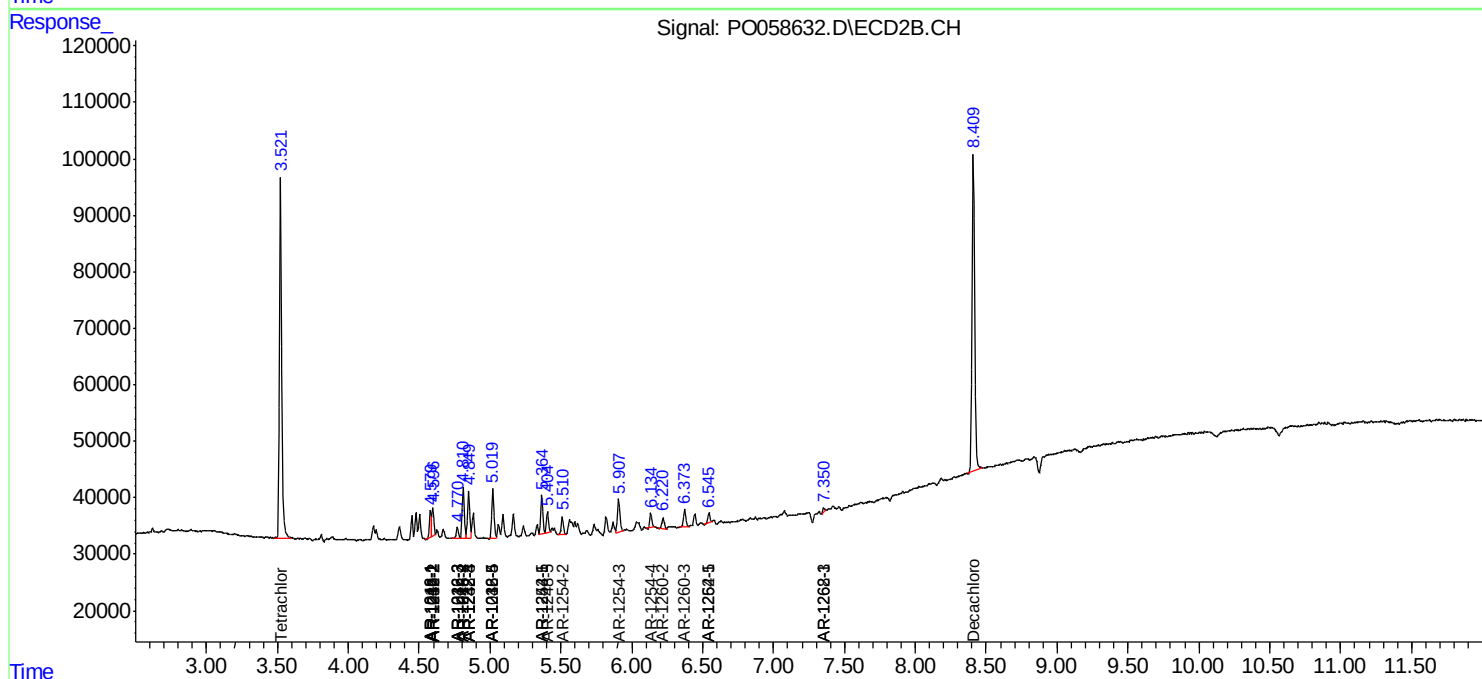
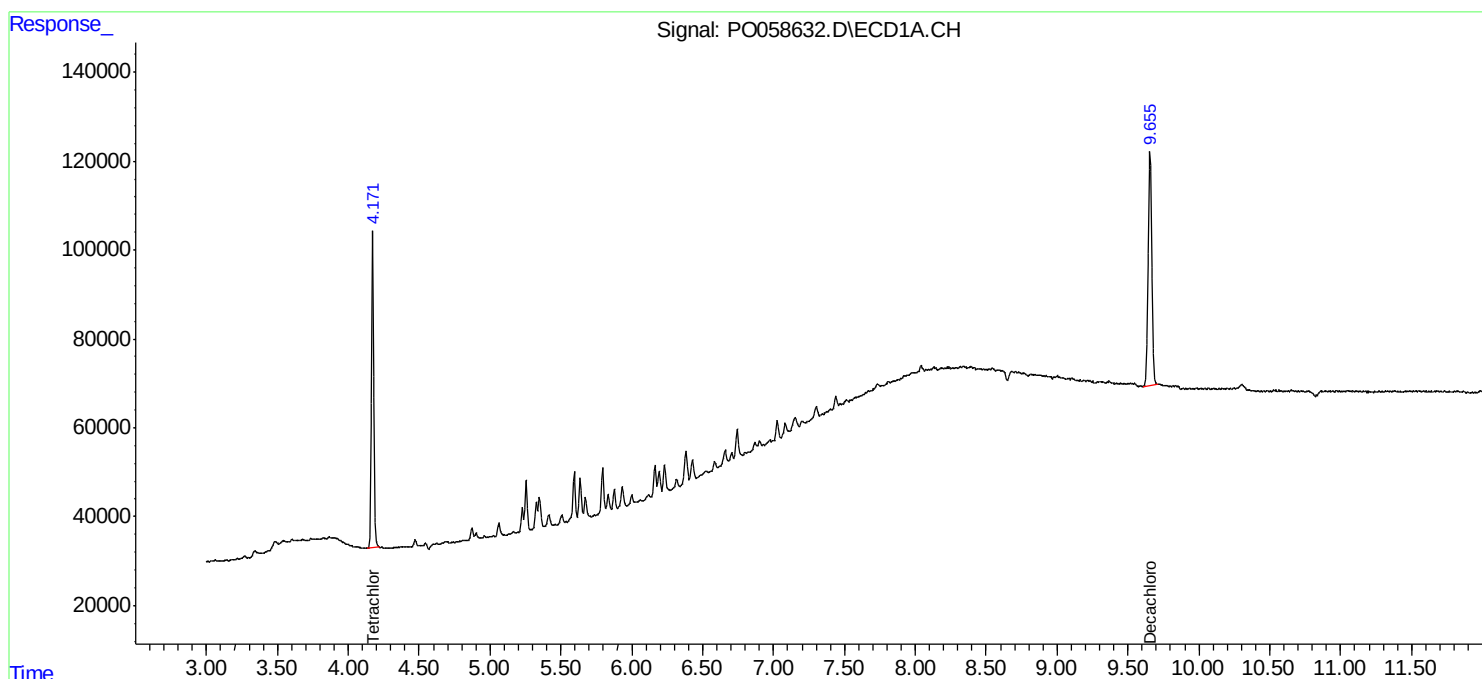
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

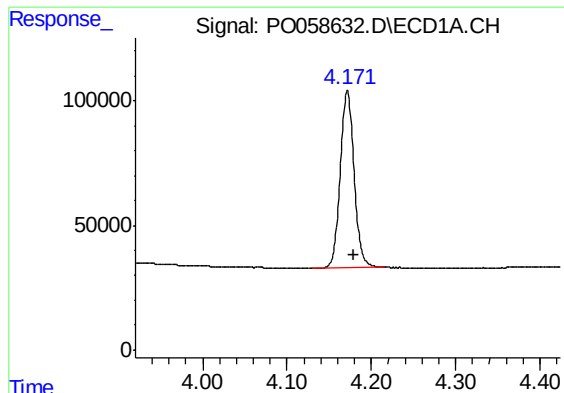
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO073119\  
Data File : PO058632.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 30 Jul 2019 22:02  
Operator : SM/AJ  
Sample : K4078-01  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
INFO-BOX-4-073019

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 31 05:23:49 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO072819.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Jul 27 06:49:05 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

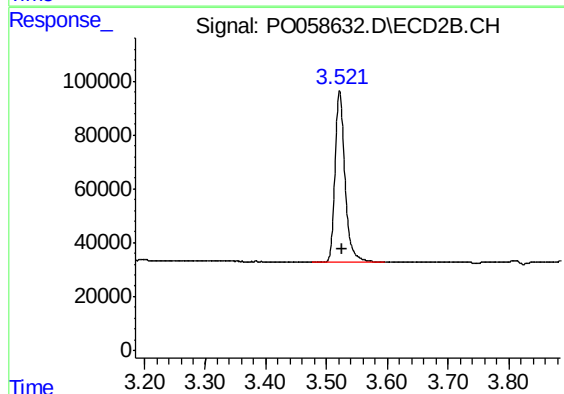




#1 Tetrachloro-m-xylene

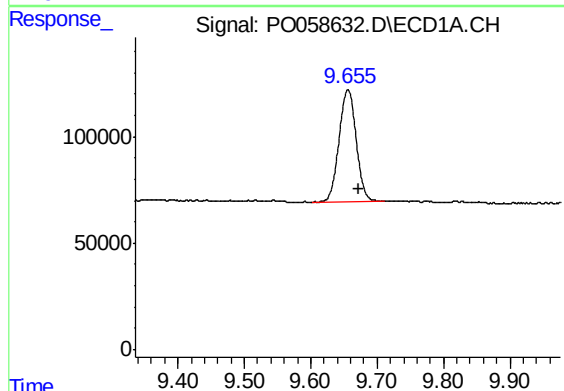
R.T.: 4.172 min  
Delta R.T.: -0.007 min  
Response: 809215  
Conc: 19.17 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
INFO-BOX-4-073019



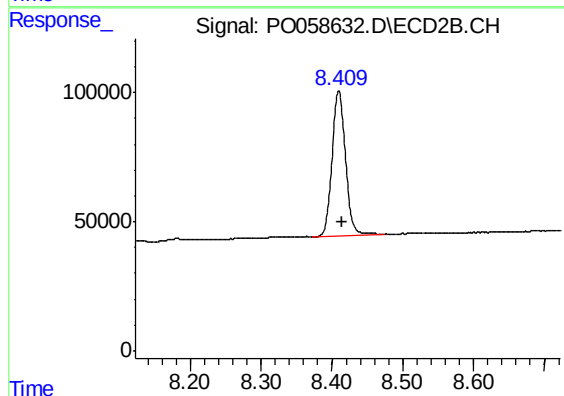
#1 Tetrachloro-m-xylene

R.T.: 3.521 min  
Delta R.T.: -0.003 min  
Response: 712193  
Conc: 17.83 ng/ml



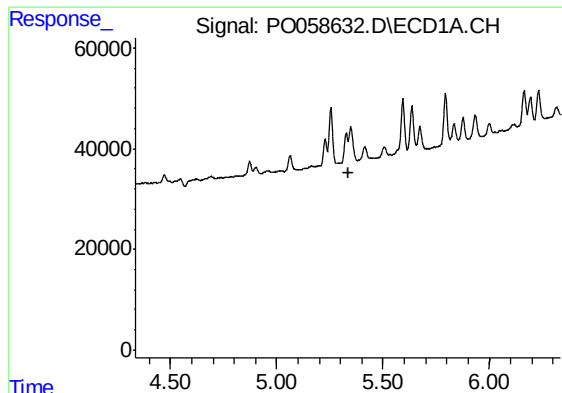
#2 Decachlorobiphenyl

R.T.: 9.656 min  
Delta R.T.: -0.016 min  
Response: 944419  
Conc: 17.44 ng/ml



#2 Decachlorobiphenyl

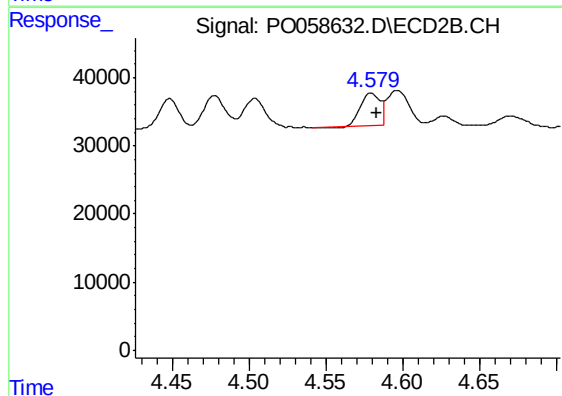
R.T.: 8.410 min  
Delta R.T.: -0.004 min  
Response: 731710  
Conc: 18.54 ng/ml



#3 AR-1016-1

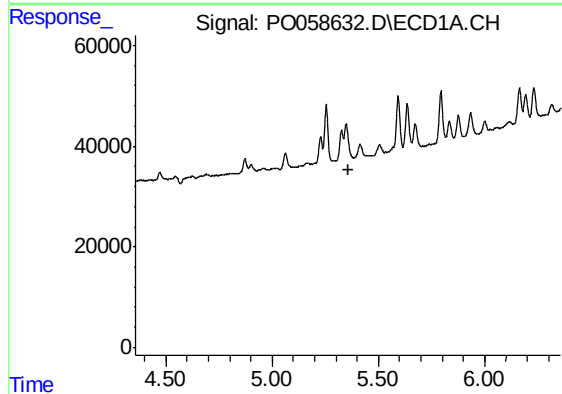
R.T.: 0.000 min  
Exp R.T. : 5.335 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
INFO-BOX-4-073019



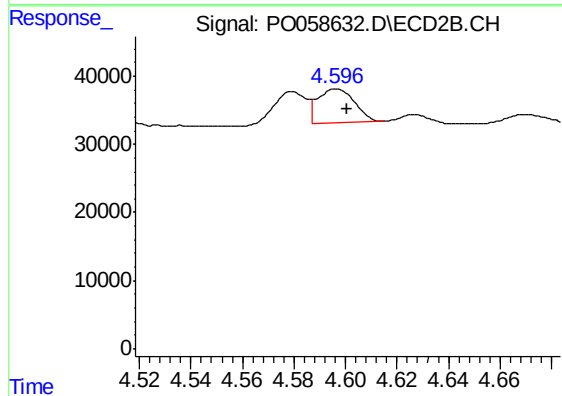
#3 AR-1016-1

R.T.: 4.579 min  
Delta R.T.: -0.004 min  
Response: 39219  
Conc: 26.90 ng/ml



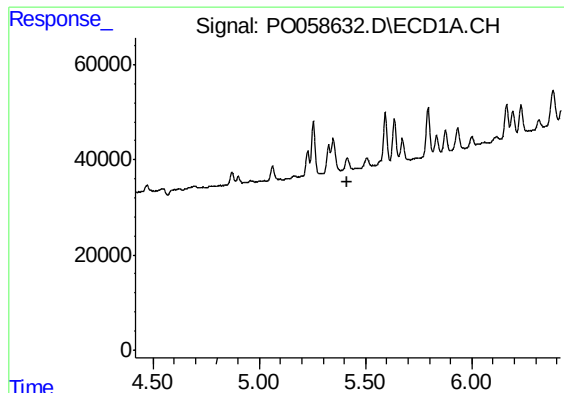
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T. : 5.357 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

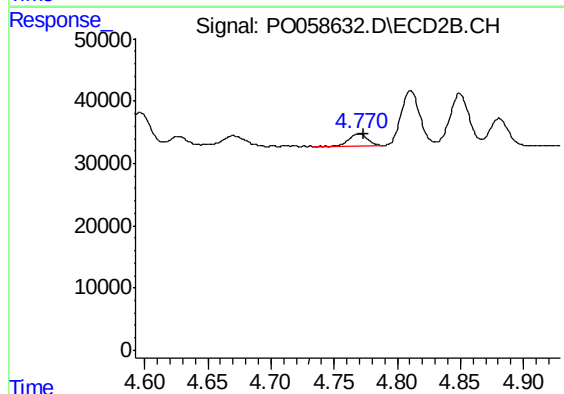
R.T.: 4.596 min  
Delta R.T.: -0.004 min  
Response: 48868  
Conc: 22.77 ng/ml



#5 AR-1016-3

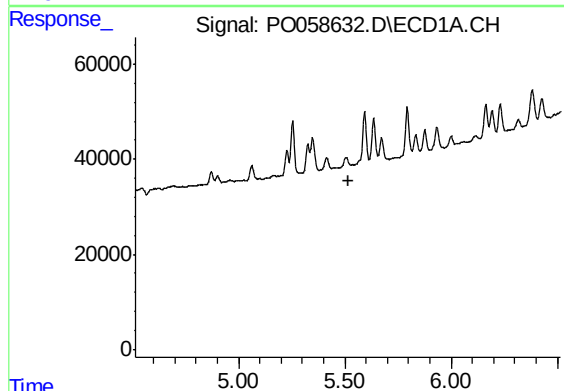
R.T.: 0.000 min  
Exp R.T. : 5.417 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
INFO-BOX-4-073019



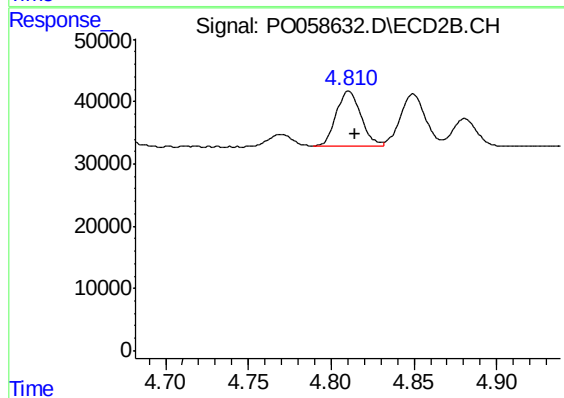
#5 AR-1016-3

R.T.: 4.770 min  
Delta R.T.: -0.004 min  
Response: 20694  
Conc: 18.22 ng/ml



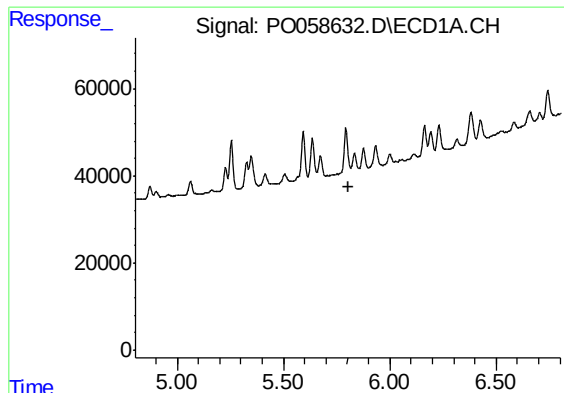
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 5.515 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

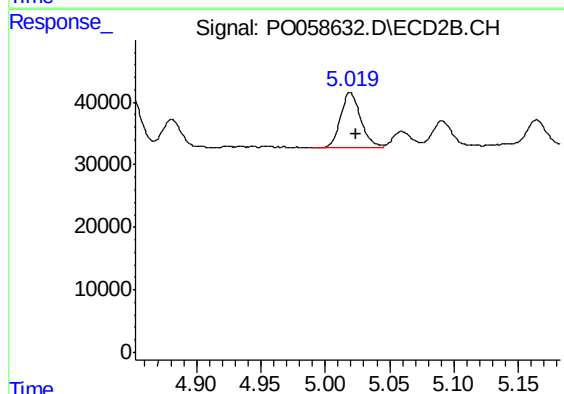
R.T.: 4.811 min  
Delta R.T.: -0.004 min  
Response: 94275  
Conc: 99.94 ng/ml



#7 AR-1016-5

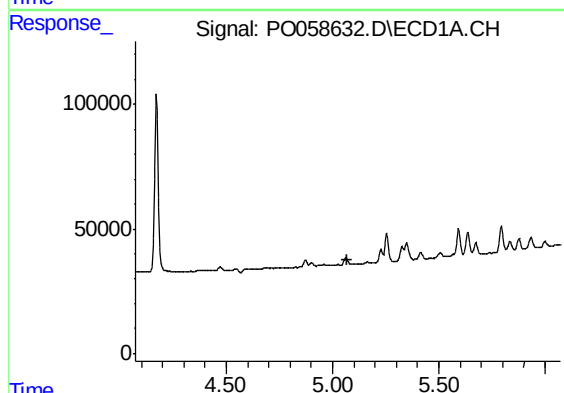
R.T.: 0.000 min  
Exp R.T. : 5.803 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
INFO-BOX-4-073019



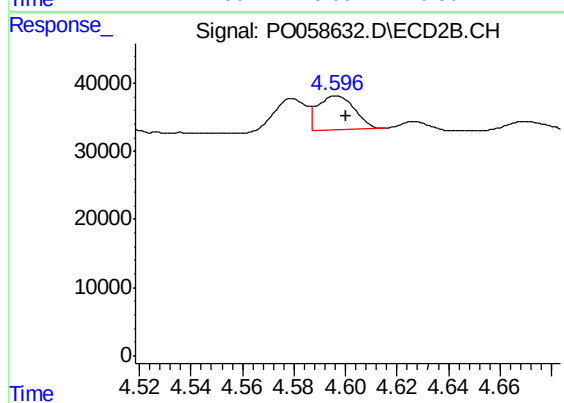
#7 AR-1016-5

R.T.: 5.019 min  
Delta R.T.: -0.004 min  
Response: 94691  
Conc: 76.89 ng/ml



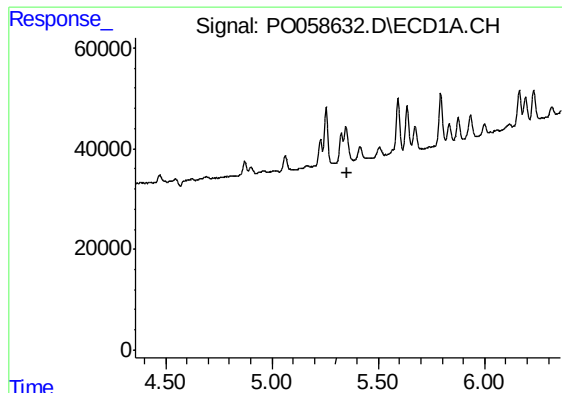
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.072 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

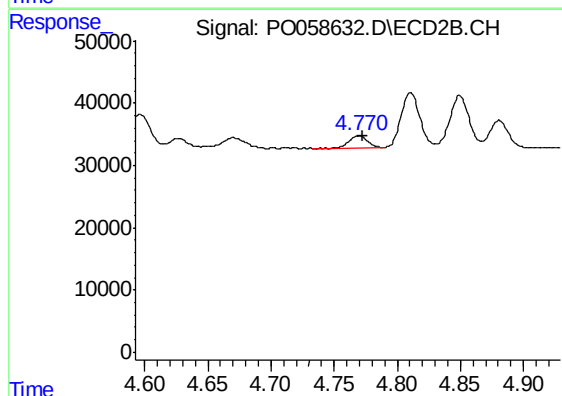
R.T.: 4.596 min  
Delta R.T.: -0.003 min  
Response: 48868  
Conc: 57.80 ng/ml



#13 AR-1232-3

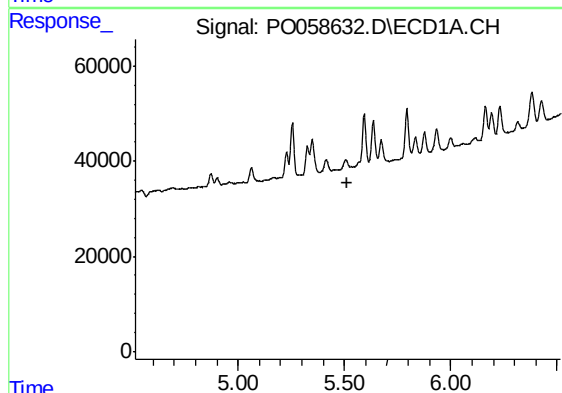
R.T.: 0.000 min  
Exp R.T. : 5.357 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
INFO-BOX-4-073019



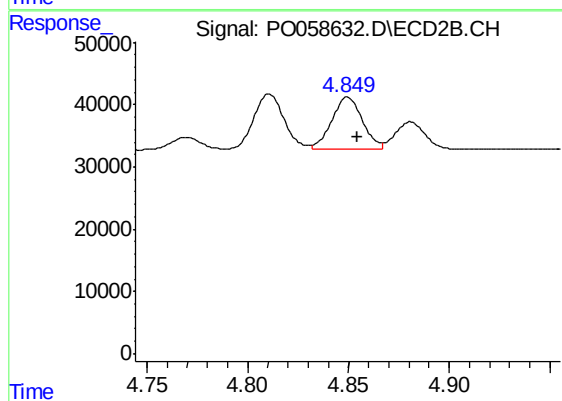
#13 AR-1232-3

R.T.: 4.770 min  
Delta R.T.: -0.003 min  
Response: 20694  
Conc: 47.06 ng/ml



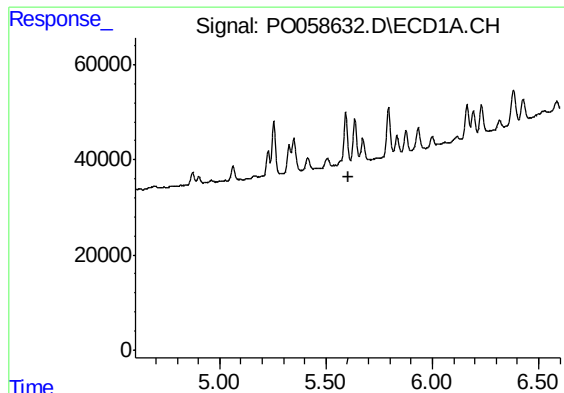
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.516 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

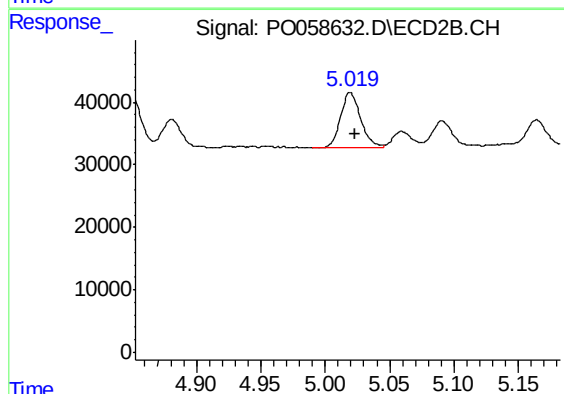
R.T.: 4.850 min  
Delta R.T.: -0.005 min  
Response: 89921  
Conc: 227.49 ng/ml



#15 AR-1232-5

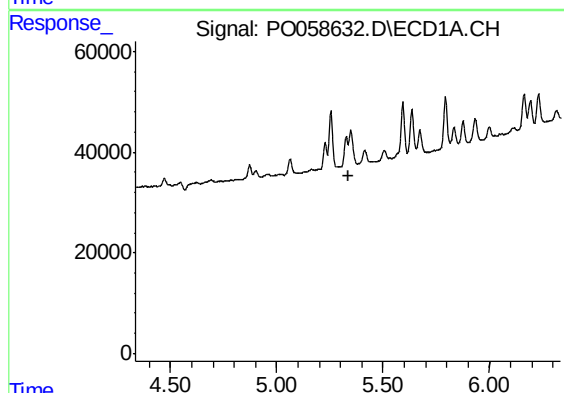
R.T.: 0.000 min  
Exp R.T. : 5.603 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
INFO-BOX-4-073019



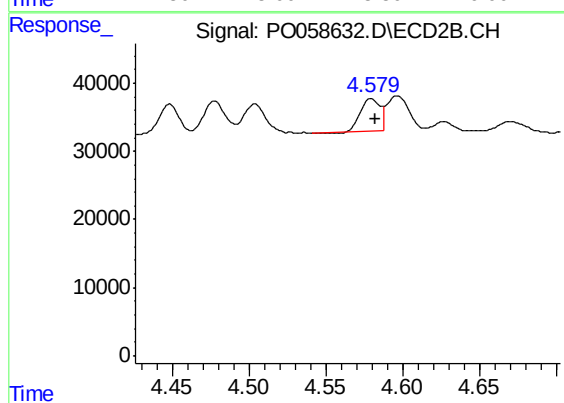
#15 AR-1232-5

R.T.: 5.019 min  
Delta R.T.: -0.004 min  
Response: 94691  
Conc: 215.08 ng/ml



#16 AR-1242-1

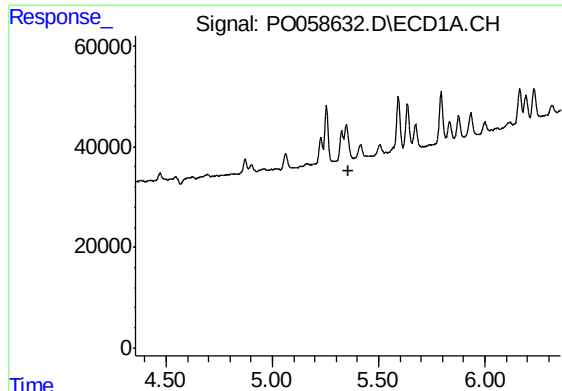
R.T.: 0.000 min  
Exp R.T. : 5.335 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

R.T.: 4.579 min  
Delta R.T.: -0.003 min  
Response: 39219  
Conc: 38.63 ng/ml

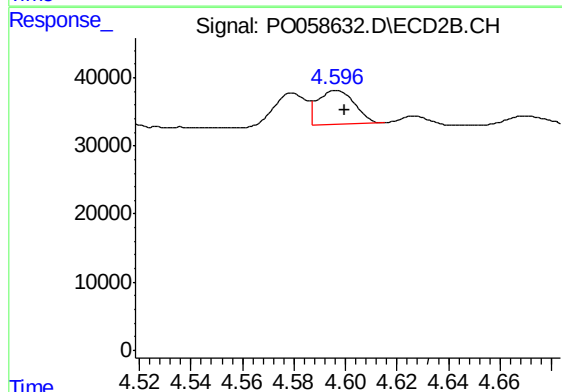




#17 AR-1242-2

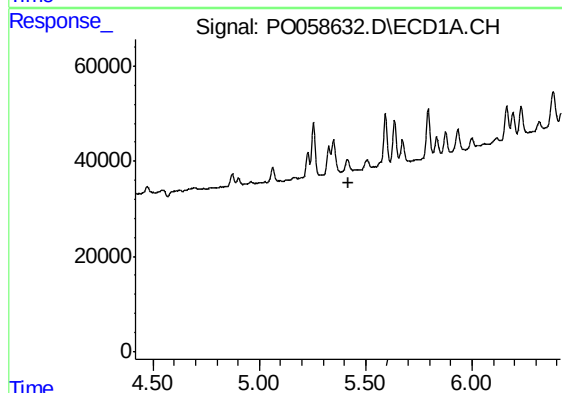
R.T.: 0.000 min  
Exp R.T. : 5.356 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
INFO-BOX-4-073019



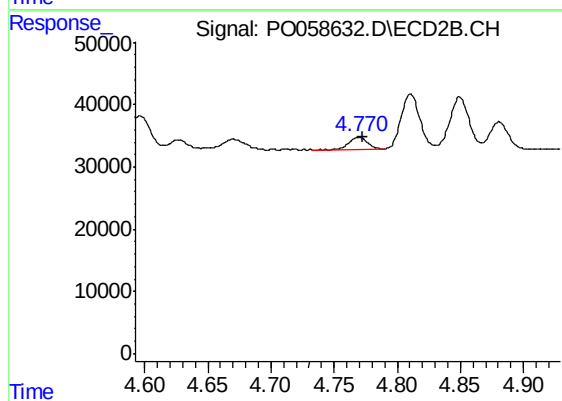
#17 AR-1242-2

R.T.: 4.596 min  
Delta R.T.: -0.003 min  
Response: 48868  
Conc: 32.37 ng/ml



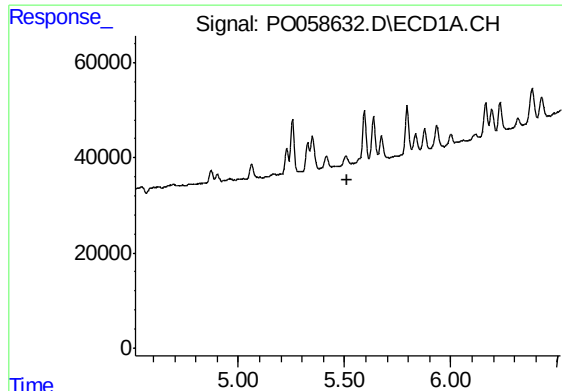
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 5.417 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

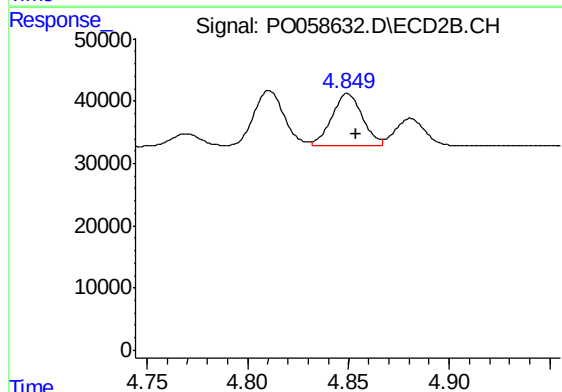
R.T.: 4.770 min  
Delta R.T.: -0.003 min  
Response: 20694  
Conc: 25.41 ng/ml



#19 AR-1242-4

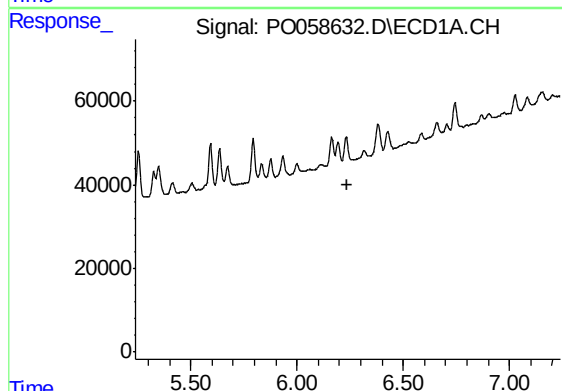
R.T.: 0.000 min  
Exp R.T. : 5.515 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
INFO-BOX-4-073019



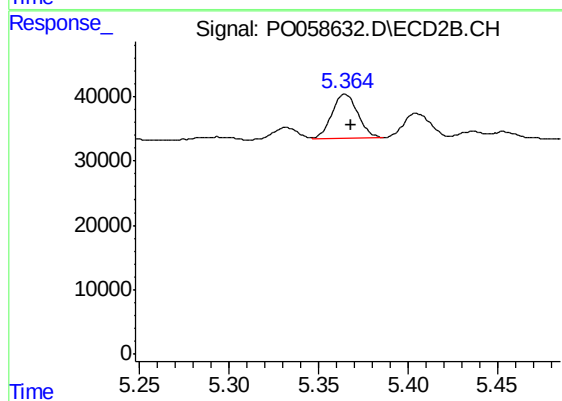
#19 AR-1242-4

R.T.: 4.850 min  
Delta R.T.: -0.004 min  
Response: 89921  
Conc: 111.15 ng/ml



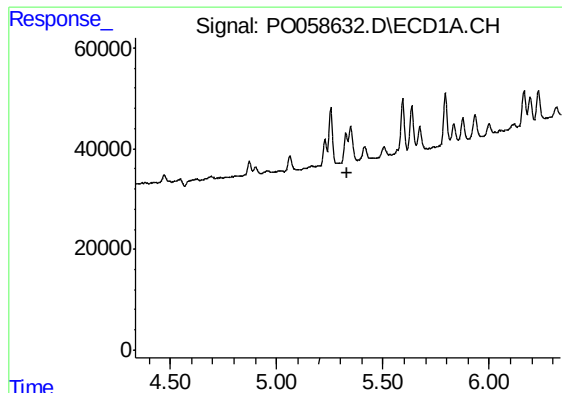
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T. : 6.239 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

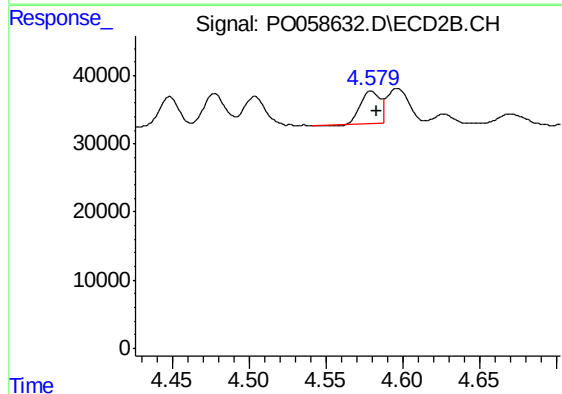
R.T.: 5.365 min  
Delta R.T.: -0.004 min  
Response: 68688  
Conc: 64.03 ng/ml



#21 AR-1248-1

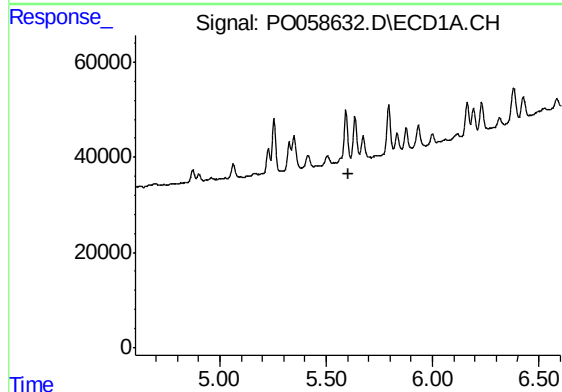
R.T.: 0.000 min  
Exp R.T. : 5.335 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
INFO-BOX-4-073019



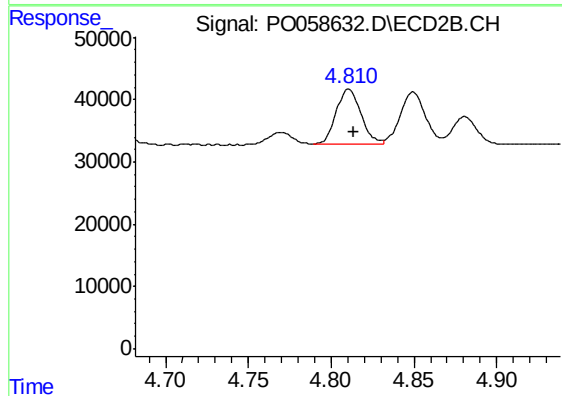
#21 AR-1248-1

R.T.: 4.579 min  
Delta R.T.: -0.003 min  
Response: 39219  
Conc: 49.05 ng/ml



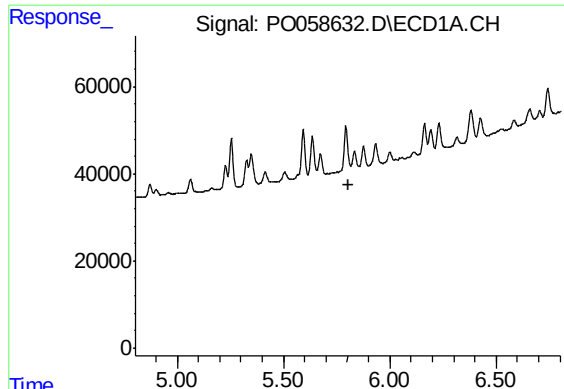
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 5.602 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

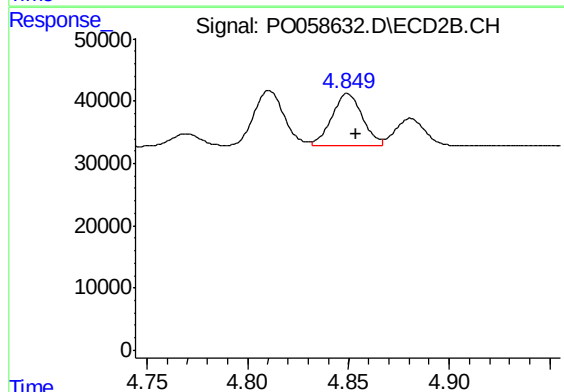
R.T.: 4.811 min  
Delta R.T.: -0.003 min  
Response: 94275  
Conc: 85.09 ng/ml



#23 AR-1248-3

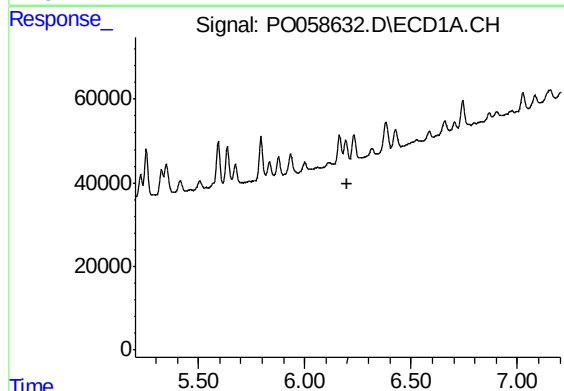
R.T.: 0.000 min  
Exp R.T.: 5.803 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
INFO-BOX-4-073019



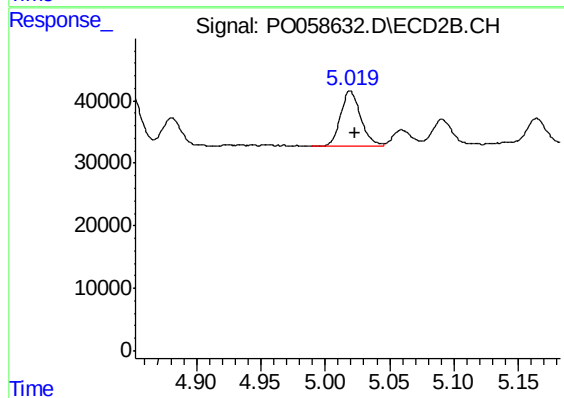
#23 AR-1248-3

R.T.: 4.850 min  
Delta R.T.: -0.004 min  
Response: 89921  
Conc: 79.01 ng/ml



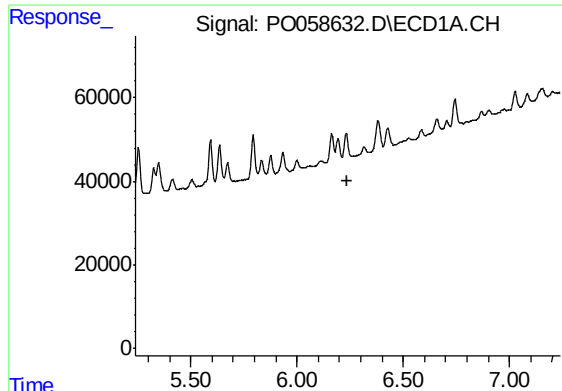
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T.: 6.203 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

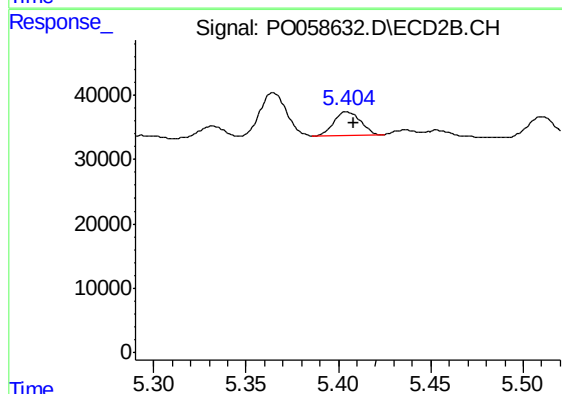
R.T.: 5.019 min  
Delta R.T.: -0.004 min  
Response: 94691  
Conc: 67.78 ng/ml



#25 AR-1248-5

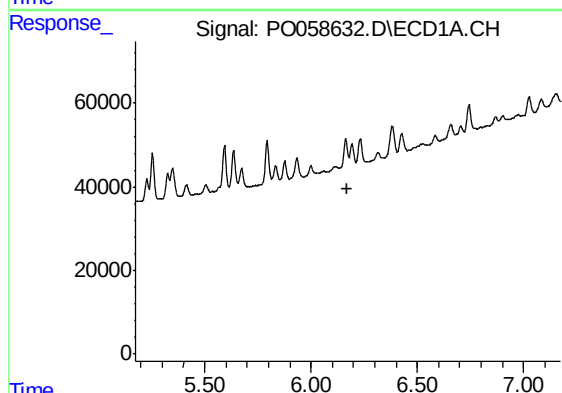
R.T.: 0.000 min  
Exp R.T. : 6.239 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
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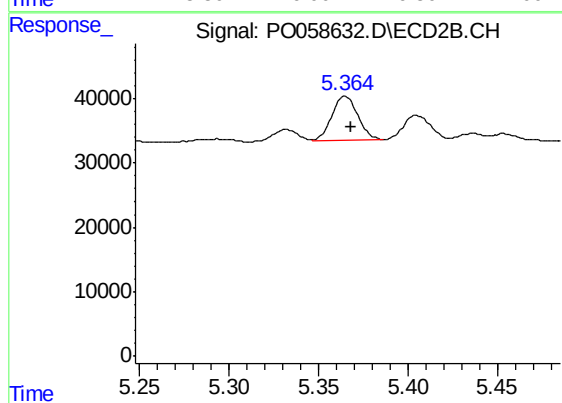
#25 AR-1248-5

R.T.: 5.405 min  
Delta R.T.: -0.004 min  
Response: 36860  
Conc: 26.61 ng/ml



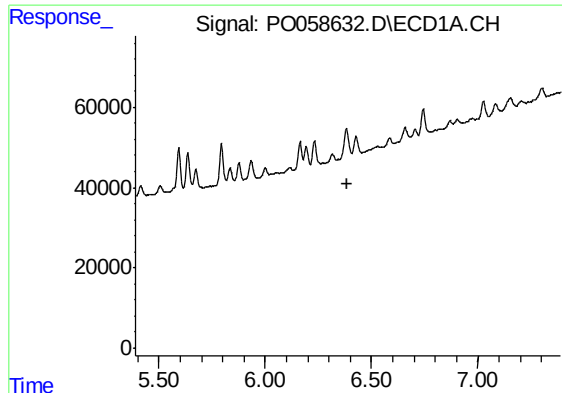
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T. : 6.173 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

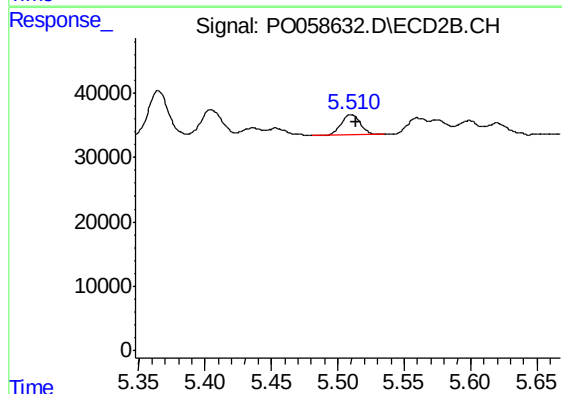
R.T.: 5.365 min  
Delta R.T.: -0.003 min  
Response: 68688  
Conc: 26.51 ng/ml



#27 AR-1254-2

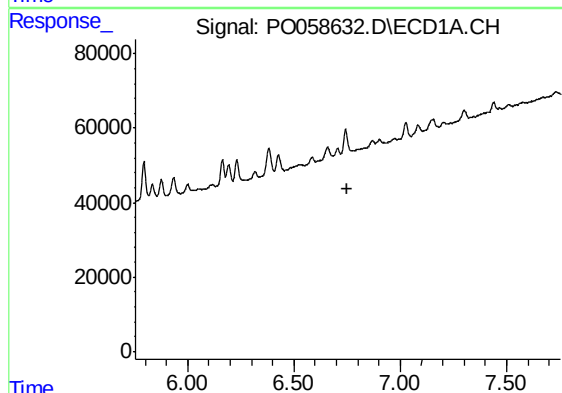
R.T.: 0.000 min  
Exp R.T. : 6.389 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
INFO-BOX-4-073019



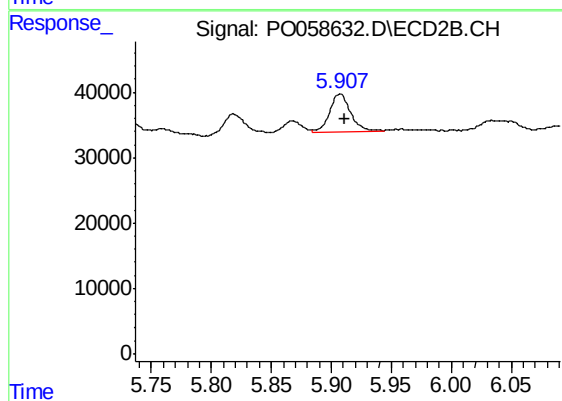
#27 AR-1254-2

R.T.: 5.510 min  
Delta R.T.: -0.003 min  
Response: 32243  
Conc: 14.08 ng/ml



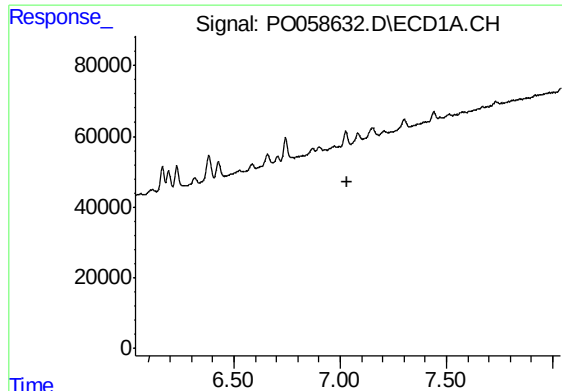
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 6.754 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

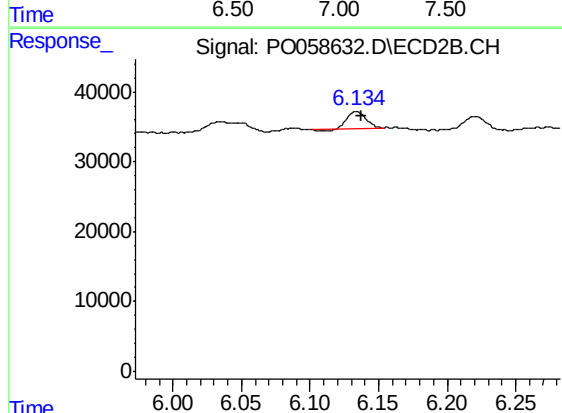
R.T.: 5.907 min  
Delta R.T.: -0.004 min  
Response: 70092  
Conc: 19.05 ng/ml



#29 AR-1254-4

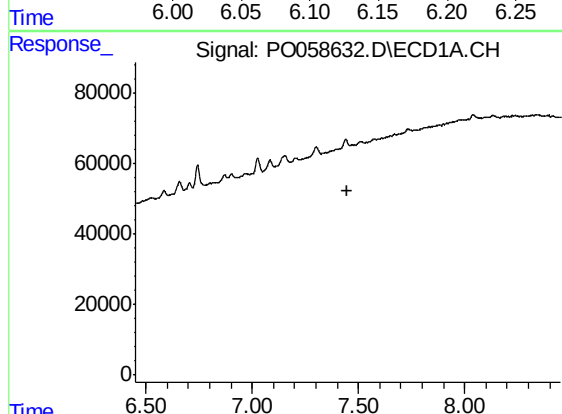
R.T.: 0.000 min  
Exp R.T. : 7.036 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
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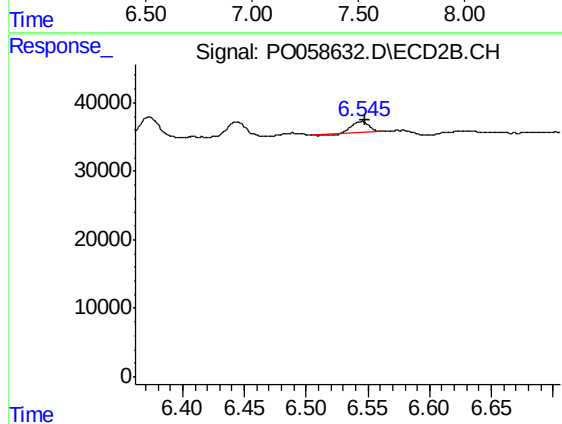
#29 AR-1254-4

R.T.: 6.134 min  
Delta R.T.: -0.004 min  
Response: 23419  
Conc: 10.07 ng/ml



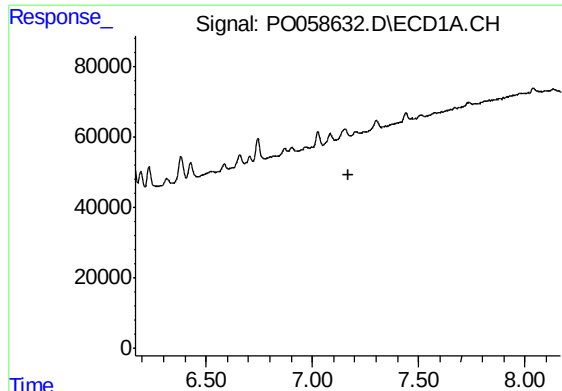
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 7.450 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

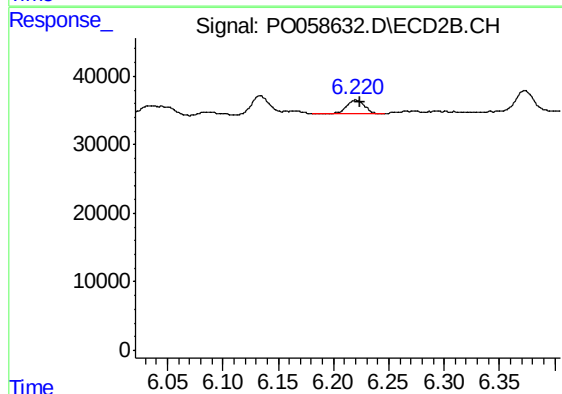
R.T.: 6.545 min  
Delta R.T.: -0.003 min  
Response: 16209  
Conc: 4.70 ng/ml



#32 AR-1260-2

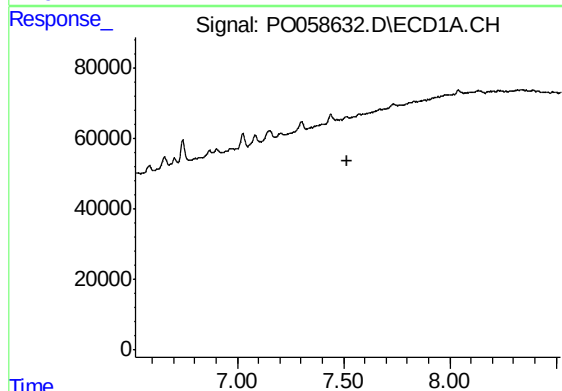
R.T.: 0.000 min  
Exp R.T. : 7.167 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
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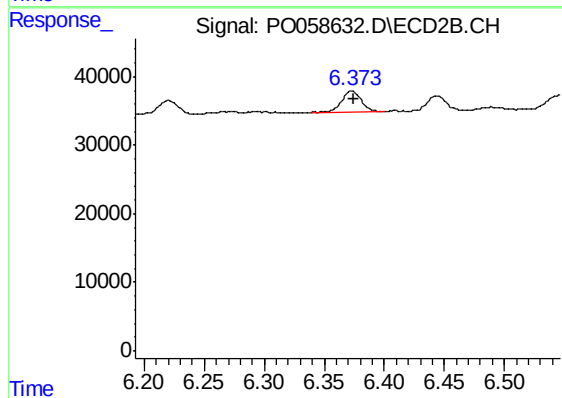
#32 AR-1260-2

R.T.: 6.220 min  
Delta R.T.: -0.004 min  
Response: 23217  
Conc: 7.66 ng/ml



#33 AR-1260-3

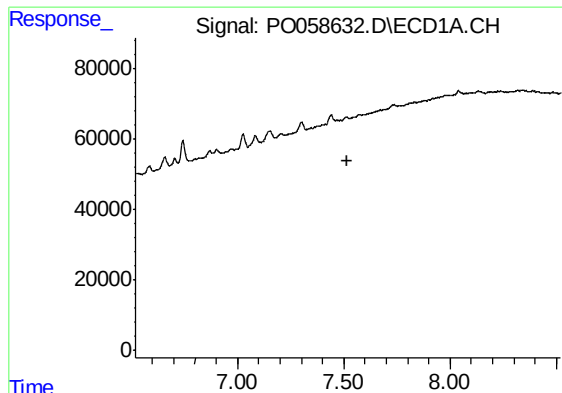
R.T.: 0.000 min  
Exp R.T. : 7.520 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

R.T.: 6.373 min  
Delta R.T.: -0.001 min  
Response: 35603  
Conc: 13.19 ng/ml

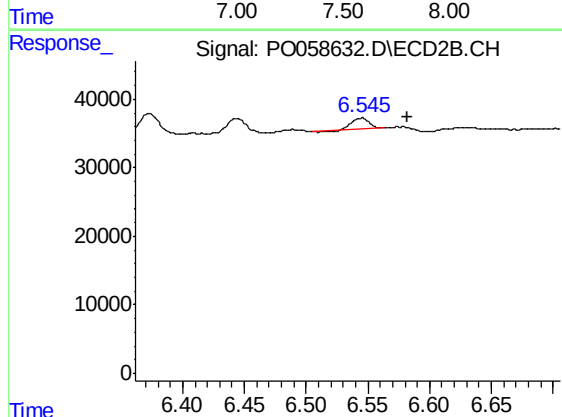




#36 AR-1262-1

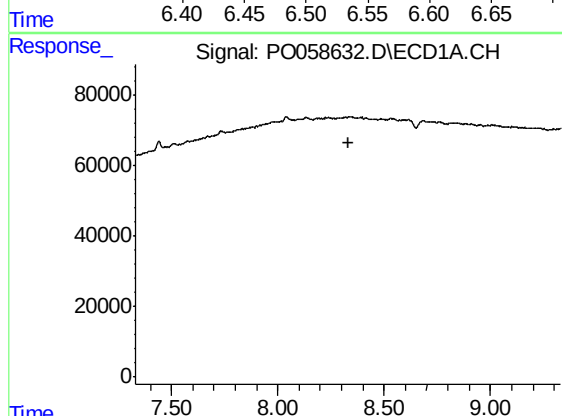
R.T.: 0.000 min  
Exp R.T. : 7.520 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
INFO-BOX-4-073019



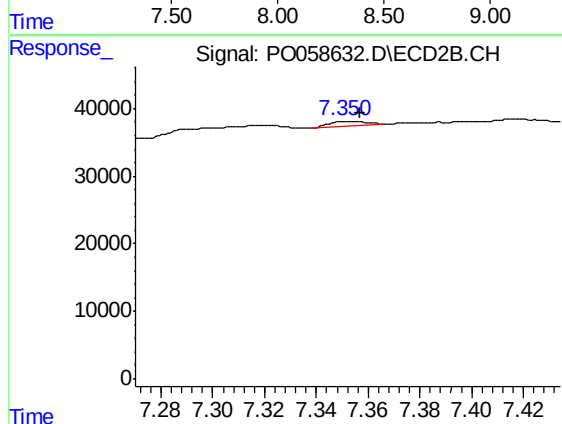
#36 AR-1262-1

R.T.: 6.545 min  
Delta R.T.: -0.037 min  
Response: 16209  
Conc: 4.54 ng/ml



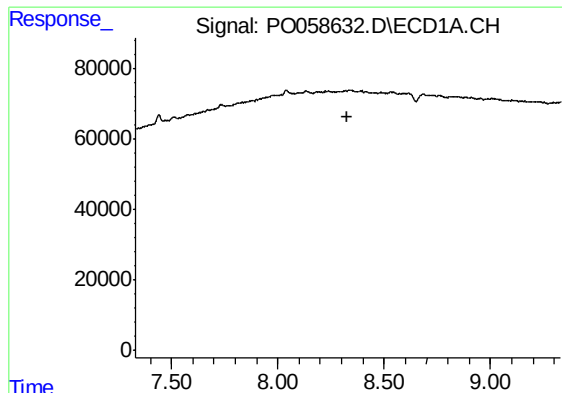
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 8.330 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

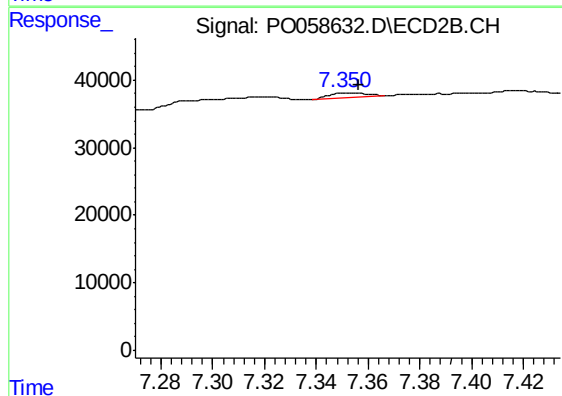
R.T.: 7.352 min  
Delta R.T.: -0.005 min  
Response: 7069  
Conc: 2.86 ng/ml



#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 8.330 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
INFO-BOX-4-073019



#41 AR-1268-1

R.T.: 7.352 min  
Delta R.T.: -0.005 min  
Response: 7069  
Conc: 0.87 ng/ml