

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0083019\  
 Data File : P0060109.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 30 Aug 2019 19:20  
 Operator : SM/AJ  
 Sample : K4555-01  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 TW-13

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 30 23:23:30 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0081719.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... | 4.124 | 3.499 | 1014416 | 870070 | 28.973 | 24.172   |
| 2)                          | SA Decachlor... | 9.582 | 8.352 | 719327  | 535470 | 13.521 | 13.280   |
| Target Compounds            |                 |       |       |         |        |        |          |
| 3)                          | L1 AR-1016-1    | 5.274 | 0.000 | 13540   | 0      | 8.442  | N.D. #   |
| 4)                          | L1 AR-1016-2    | 5.274 | 0.000 | 13540   | 0      | 5.659  | N.D. #   |
| 5)                          | L1 AR-1016-3    | 5.338 | 0.000 | 7415    | 0      | 4.978  | N.D. #   |
| 8)                          | L2 AR-1221-1    | 4.367 | 0.000 | 1284    | 0      | 3.032  | N.D. #   |
| 9)                          | L2 AR-1221-2    | 4.424 | 0.000 | 12828   | 0      | 39.497 | N.D. #   |
| 10)                         | L2 AR-1221-3    | 4.495 | 0.000 | 731     | 0      | 0.695  | N.D. #   |
| 11)                         | L3 AR-1232-1    | 4.495 | 0.000 | 731     | 0      | 0.586  | N.D. #   |
| 12)                         | L3 AR-1232-2    | 5.007 | 0.000 | 5877    | 0      | 8.320  | N.D. #   |
| 13)                         | L3 AR-1232-3    | 5.274 | 0.000 | 13540   | 0      | 8.842  | N.D. #   |
| 14)                         | L3 AR-1232-4    | 5.567 | 0.000 | 3461    | 0      | 4.426  | N.D. #   |
| 15)                         | L3 AR-1232-5    | 5.567 | 0.000 | 3461    | 0      | 5.757  | N.D. #   |
| 16)                         | L4 AR-1242-1    | 5.274 | 0.000 | 13540   | 0      | 10.665 | N.D. #   |
| 17)                         | L4 AR-1242-2    | 5.274 | 0.000 | 13540   | 0      | 7.297  | N.D. #   |
| 18)                         | L4 AR-1242-3    | 5.338 | 0.000 | 7415    | 0      | 6.344  | N.D. #   |
| 19)                         | L4 AR-1242-4    | 5.567 | 0.000 | 3461    | 0      | 3.575  | N.D. #   |
| 20)                         | L4 AR-1242-5    | 6.222 | 5.300 | 6355    | 32553  | 5.057  | 29.101 # |
| 21)                         | L5 AR-1248-1    | 5.274 | 0.000 | 13540   | 0      | 13.505 | N.D. #   |
| 22)                         | L5 AR-1248-2    | 5.567 | 0.000 | 3461    | 0      | 2.385  | N.D. #   |
| 23)                         | L5 AR-1248-3    | 5.651 | 0.000 | 4652    | 0      | 2.799  | N.D. #   |
| 24)                         | L5 AR-1248-4    | 6.134 | 0.000 | 45079   | 0      | 22.053 | N.D. #   |
| 25)                         | L5 AR-1248-5    | 6.183 | 5.300 | 22356   | 32553  | 11.273 | 22.744 # |
| 26)                         | L6 AR-1254-1    | 6.134 | 5.300 | 45079   | 32553  | 21.606 | 13.725 # |
| 27)                         | L6 AR-1254-2    | 6.377 | 0.000 | 6711    | 0      | 2.012  | N.D. #   |
| 28)                         | L6 AR-1254-3    | 6.724 | 0.000 | 8950    | 0      | 2.522  | N.D. #   |
| 29)                         | L6 AR-1254-4    | 6.952 | 0.000 | 9356    | 0      | 3.176  | N.D. #   |
| 31)                         | L7 AR-1260-1    | 6.879 | 0.000 | 8188    | 0      | 3.037  | N.D. #   |
| 32)                         | L7 AR-1260-2    | 7.095 | 0.000 | 10179   | 0      | 2.743  | N.D. #   |
| 35)                         | L7 AR-1260-5    | 0.000 | 7.026 | 0       | 824    | N.D.   | 0.150 #  |
| 37)                         | L8 AR-1262-2    | 0.000 | 7.026 | 0       | 824    | N.D.   | 0.140 #  |
| 45)                         | L9 AR-1268-5    | 9.297 | 0.000 | 59649   | 0      | 3.234  | N.D. #   |
| -----                       |                 |       |       |         |        |        |          |

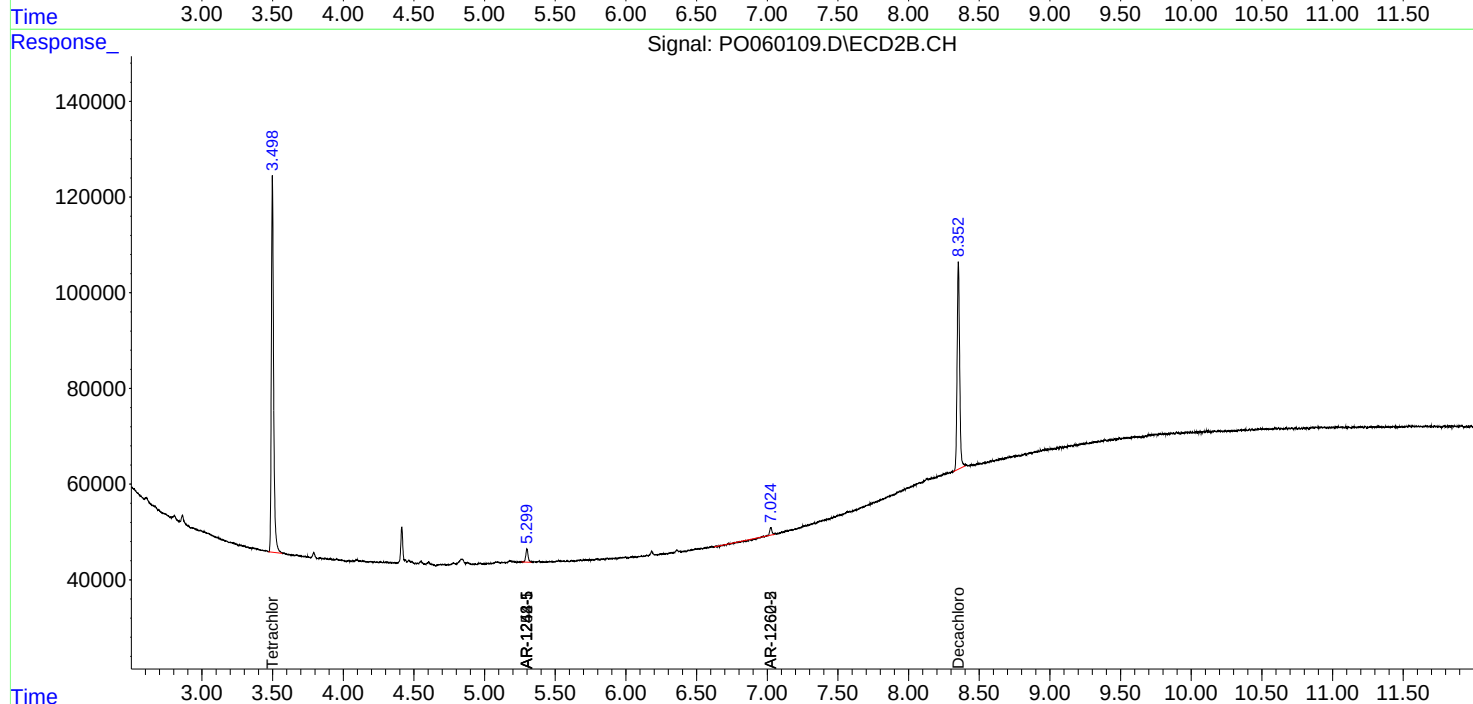
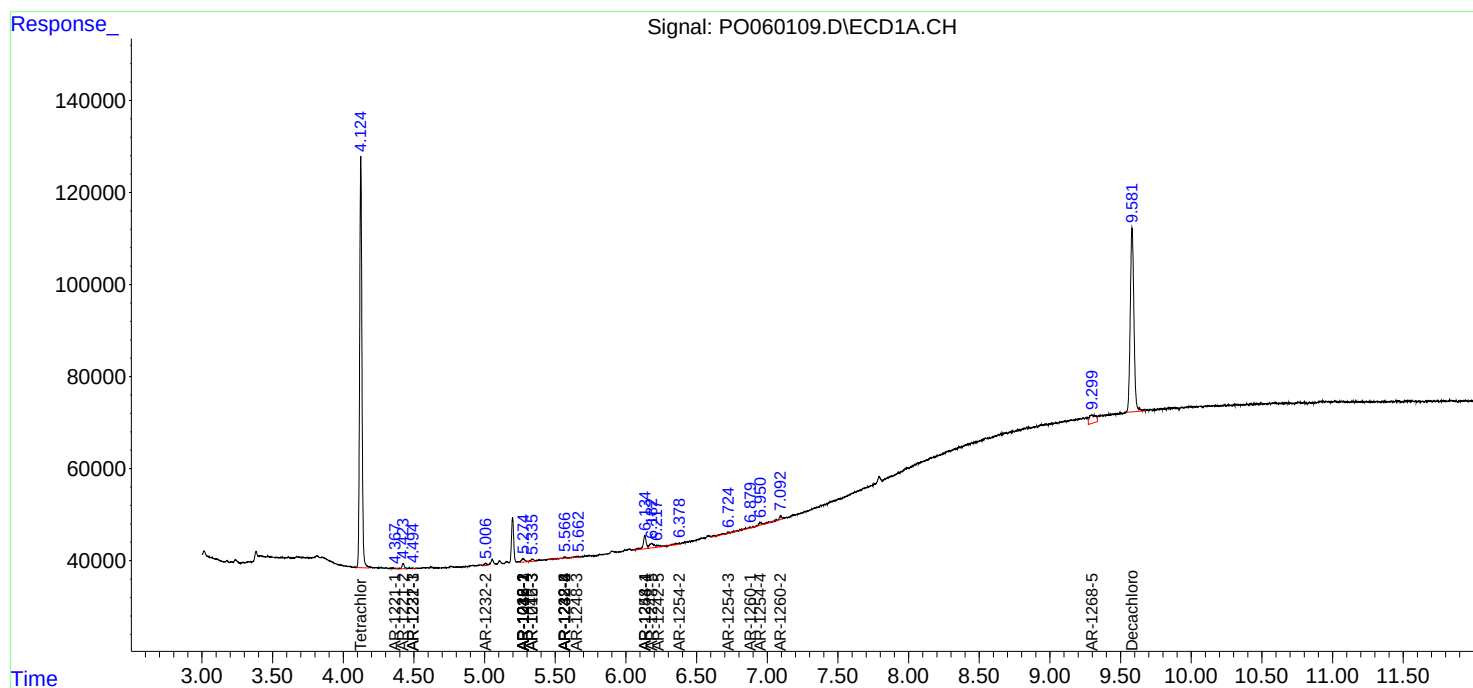
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

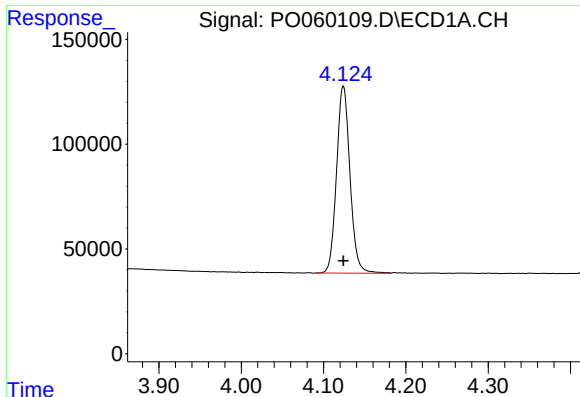
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO083019\  
Data File : PO060109.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 30 Aug 2019 19:20  
Operator : SM/AJ  
Sample : K4555-01  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
TW-13

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 30 23:23:30 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

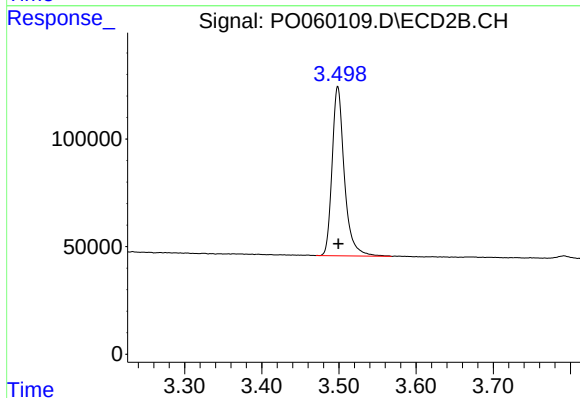




#1 Tetrachloro-m-xylene

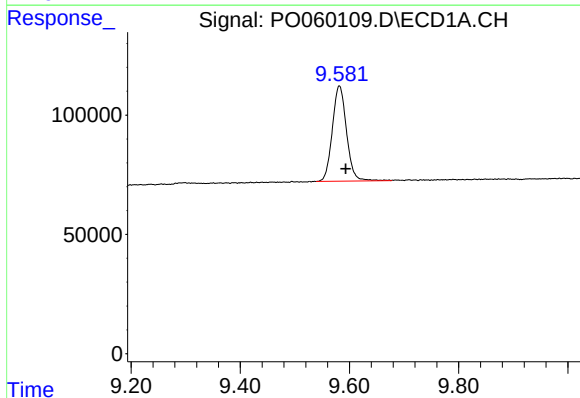
R.T.: 4.124 min  
Delta R.T.: 0.000 min  
Response: 1014416  
Conc: 28.97 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
TW-13



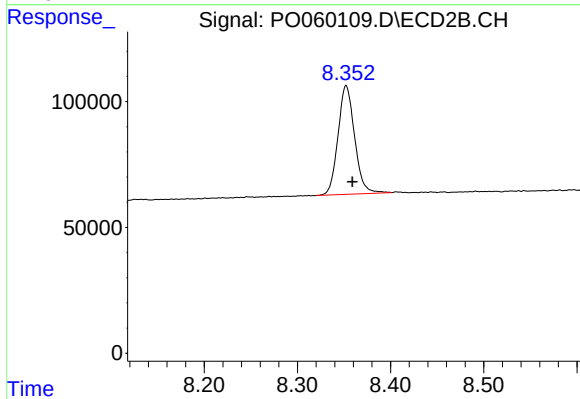
#1 Tetrachloro-m-xylene

R.T.: 3.499 min  
Delta R.T.: 0.000 min  
Response: 870070  
Conc: 24.17 ng/ml



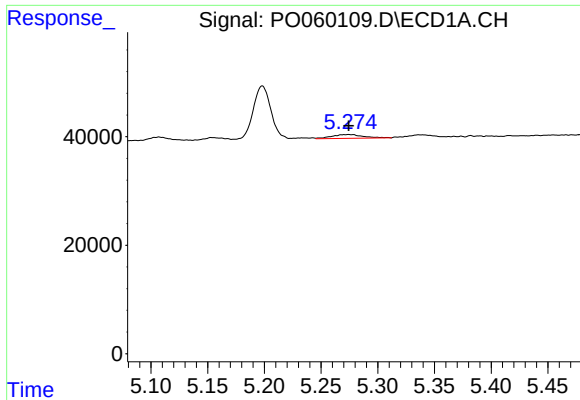
#2 Decachlorobiphenyl

R.T.: 9.582 min  
Delta R.T.: -0.012 min  
Response: 719327  
Conc: 13.52 ng/ml



#2 Decachlorobiphenyl

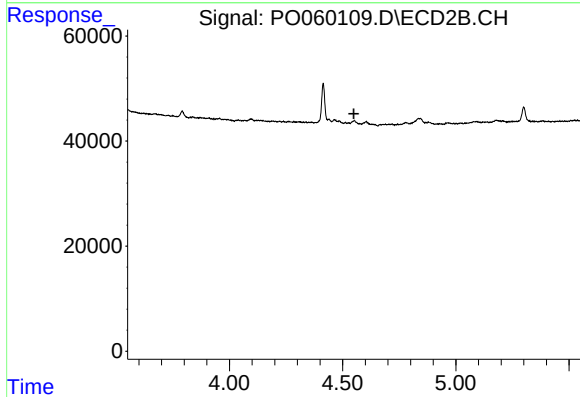
R.T.: 8.352 min  
Delta R.T.: -0.007 min  
Response: 535470  
Conc: 13.28 ng/ml



#3 AR-1016-1

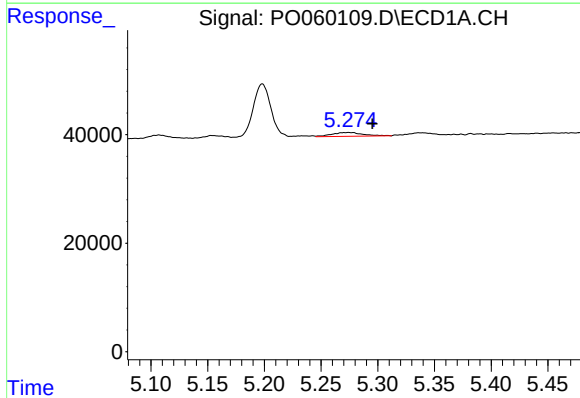
R.T.: 5.274 min  
Delta R.T.: 0.000 min  
Response: 13540  
Conc: 8.44 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
TW-13



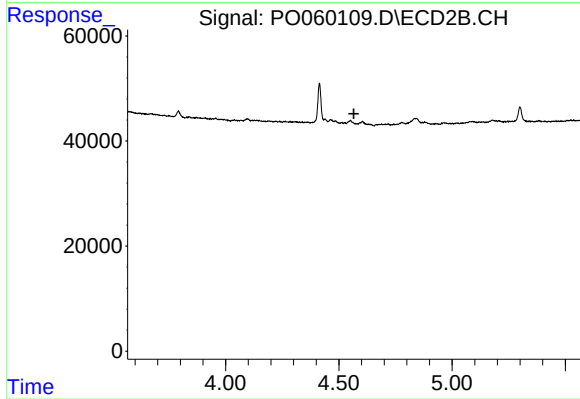
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 4.550 min  
Response: 0  
Conc: N.D.



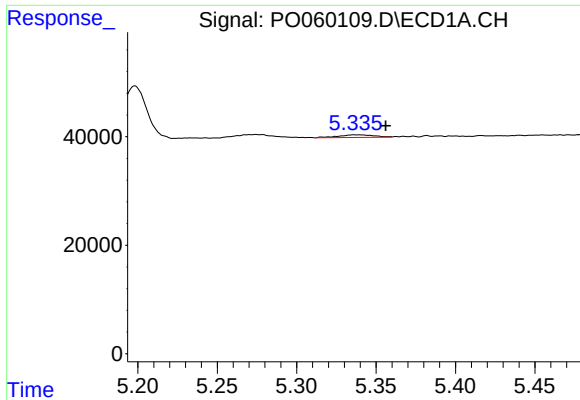
#4 AR-1016-2

R.T.: 5.274 min  
Delta R.T.: -0.021 min  
Response: 13540  
Conc: 5.66 ng/ml



#4 AR-1016-2

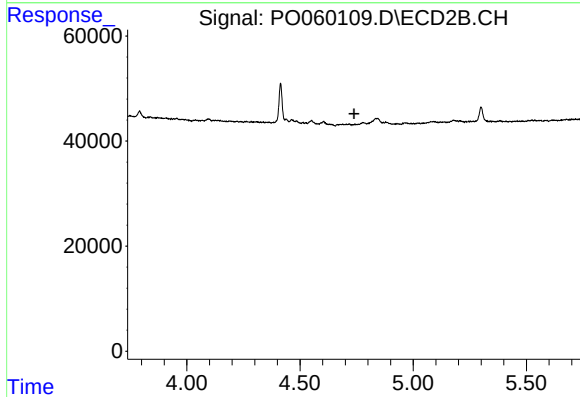
R.T.: 0.000 min  
Exp R.T. : 4.566 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

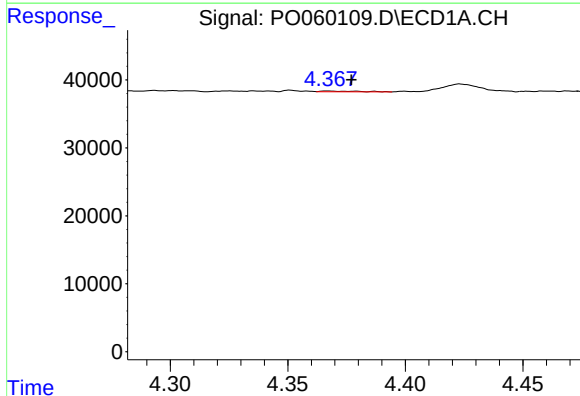
R.T.: 5.338 min  
Delta R.T.: -0.018 min  
Response: 7415  
Conc: 4.98 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
TW-13



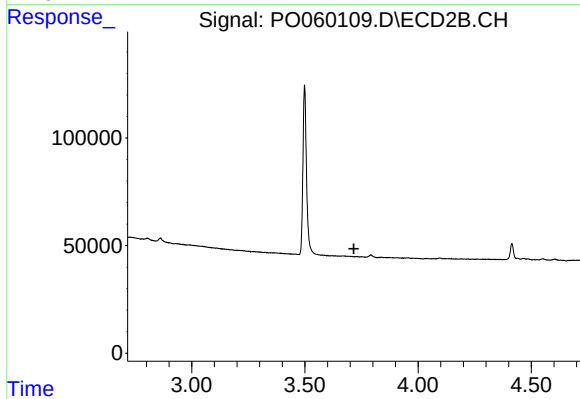
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 4.738 min  
Response: 0  
Conc: N.D.



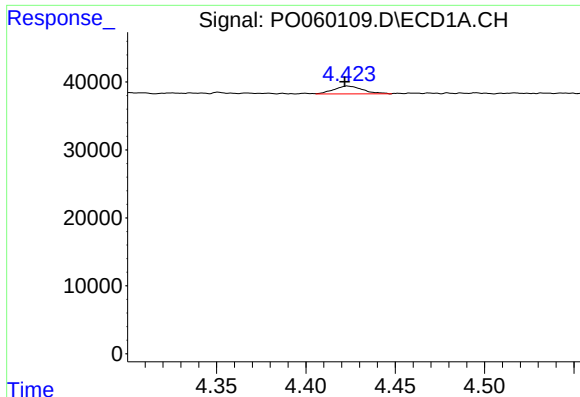
#8 AR-1221-1

R.T.: 4.367 min  
Delta R.T.: -0.010 min  
Response: 1284  
Conc: 3.03 ng/ml



#8 AR-1221-1

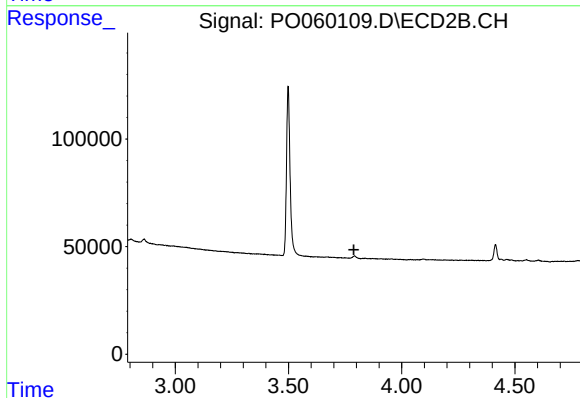
R.T.: 0.000 min  
Exp R.T. : 3.717 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

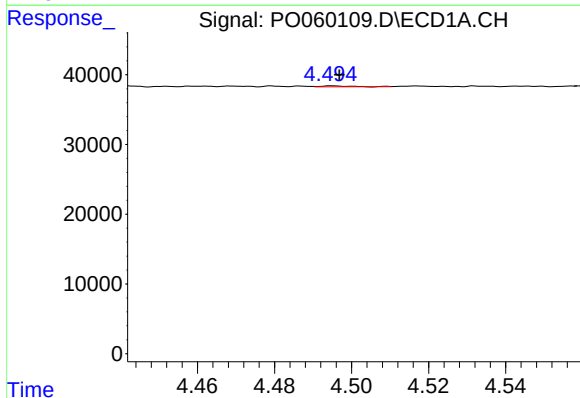
R.T.: 4.424 min  
Delta R.T.: 0.002 min  
Response: 12828  
Conc: 39.50 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
TW-13



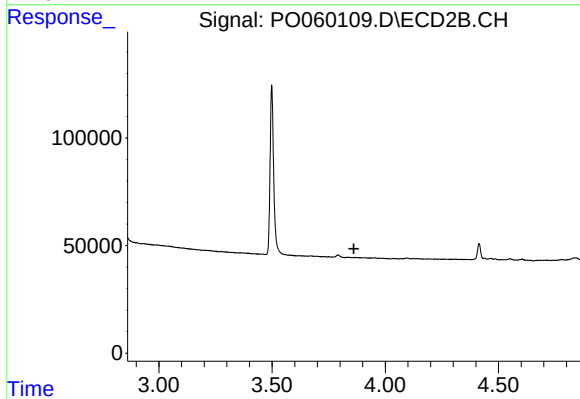
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T. : 3.789 min  
Response: 0  
Conc: N.D.



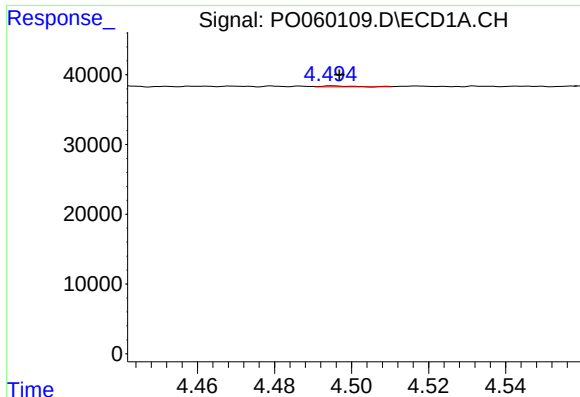
#10 AR-1221-3

R.T.: 4.495 min  
Delta R.T.: -0.002 min  
Response: 731  
Conc: 0.69 ng/ml



#10 AR-1221-3

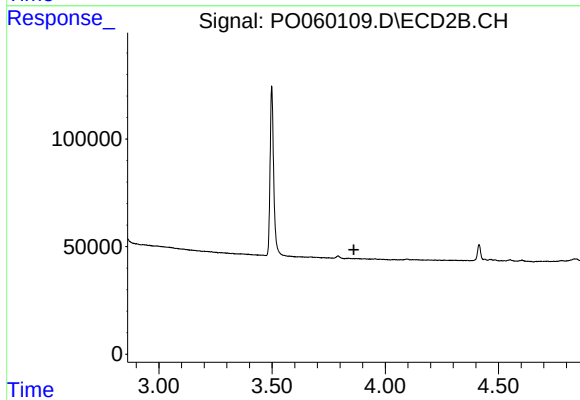
R.T.: 0.000 min  
Exp R.T. : 3.862 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

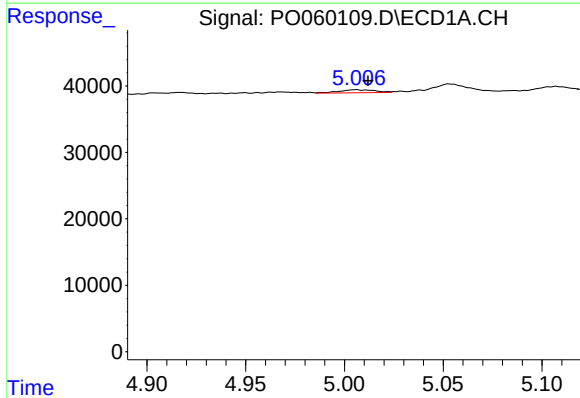
R.T.: 4.495 min  
Delta R.T.: -0.002 min  
Response: 731  
Conc: 0.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
TW-13



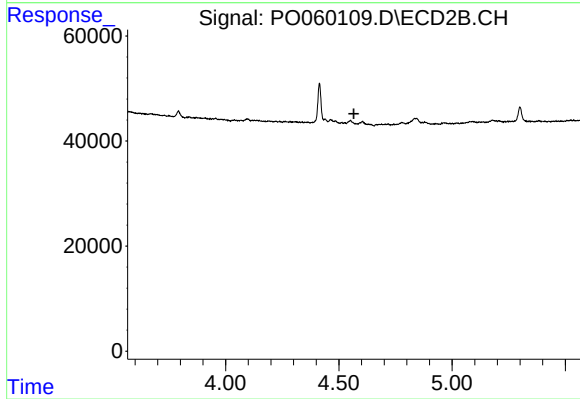
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 3.862 min  
Response: 0  
Conc: N.D.



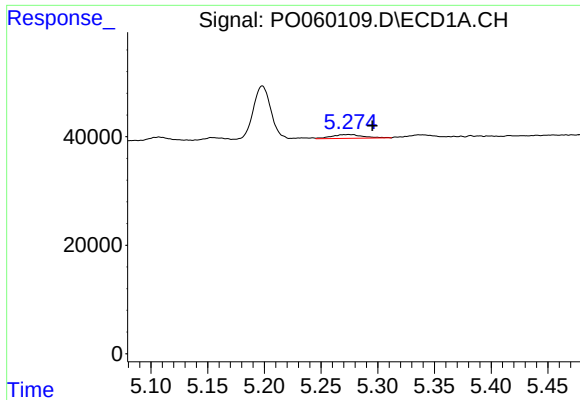
#12 AR-1232-2

R.T.: 5.007 min  
Delta R.T.: -0.005 min  
Response: 5877  
Conc: 8.32 ng/ml



#12 AR-1232-2

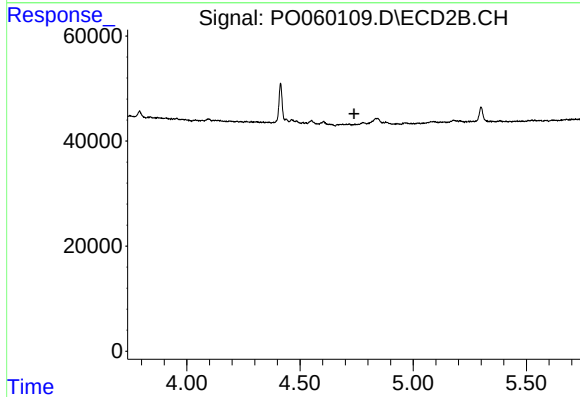
R.T.: 0.000 min  
Exp R.T. : 4.566 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

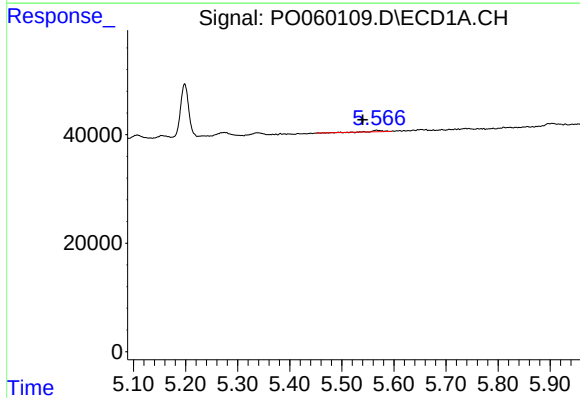
R.T.: 5.274 min  
Delta R.T.: -0.021 min  
Response: 13540  
Conc: 8.84 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
TW-13



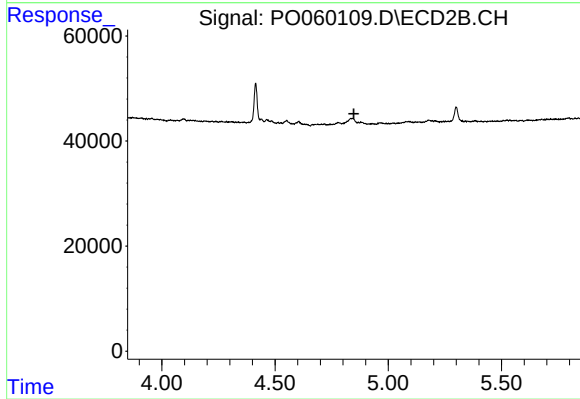
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 4.738 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

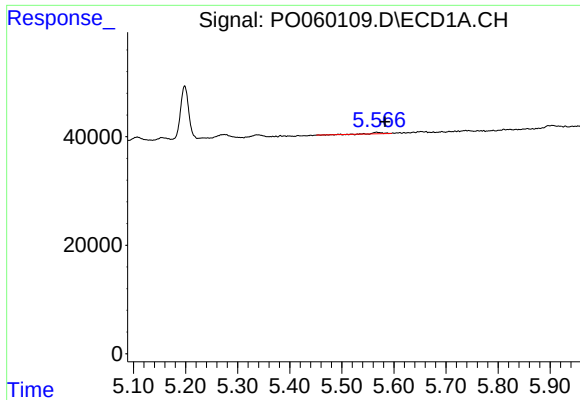
R.T.: 5.567 min  
Delta R.T.: 0.027 min  
Response: 3461  
Conc: 4.43 ng/ml



#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 4.848 min  
Response: 0  
Conc: N.D.

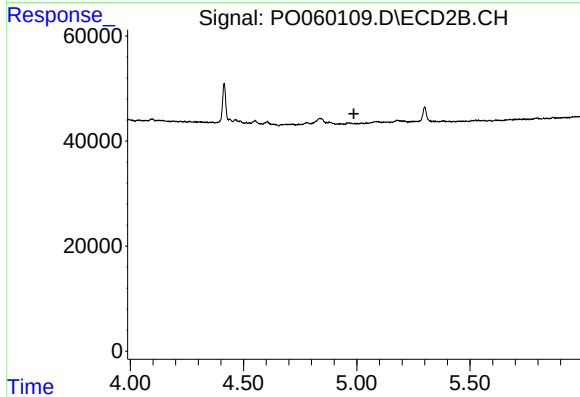




#15 AR-1232-5

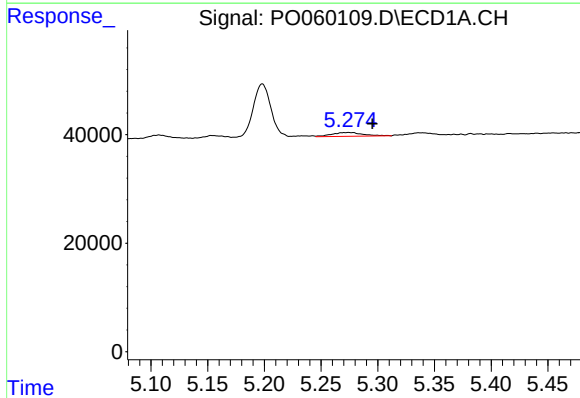
R.T.: 5.567 min  
Delta R.T.: -0.016 min  
Response: 3461  
Conc: 5.76 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
TW-13



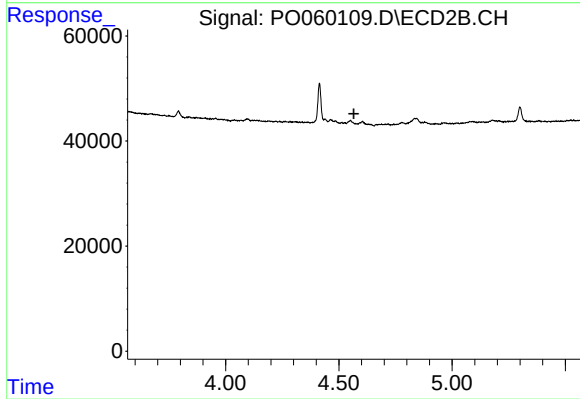
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 4.987 min  
Response: 0  
Conc: N.D.



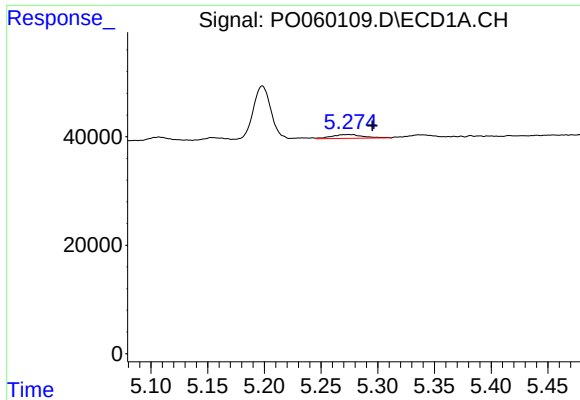
#16 AR-1242-1

R.T.: 5.274 min  
Delta R.T.: -0.021 min  
Response: 13540  
Conc: 10.67 ng/ml



#16 AR-1242-1

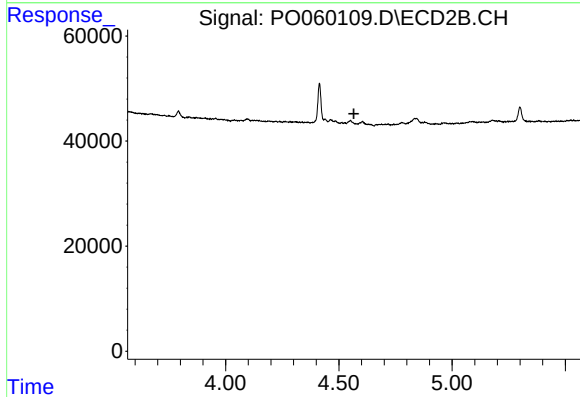
R.T.: 0.000 min  
Exp R.T. : 4.566 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

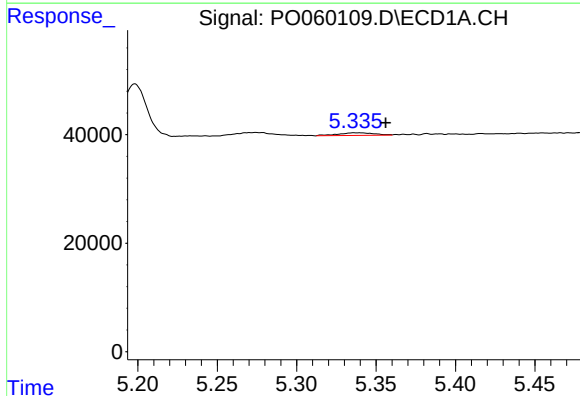
R.T.: 5.274 min  
Delta R.T.: -0.021 min  
Response: 13540  
Conc: 7.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
TW-13



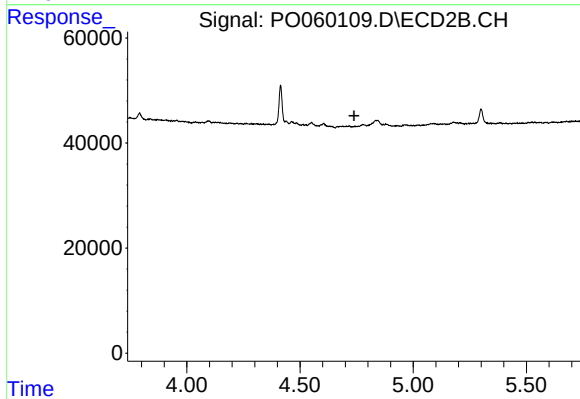
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 4.566 min  
Response: 0  
Conc: N.D.



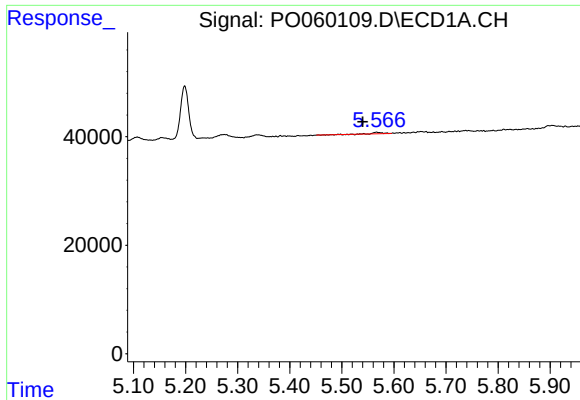
#18 AR-1242-3

R.T.: 5.338 min  
Delta R.T.: -0.018 min  
Response: 7415  
Conc: 6.34 ng/ml



#18 AR-1242-3

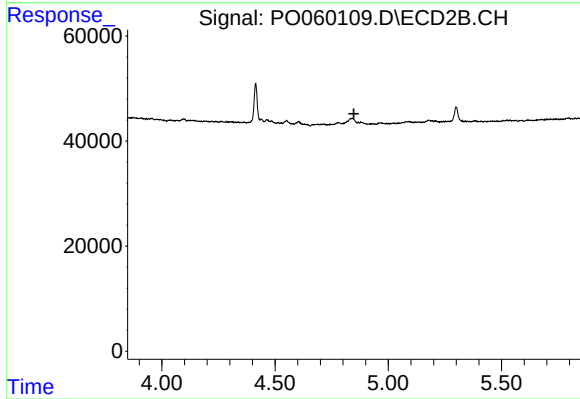
R.T.: 0.000 min  
Exp R.T. : 4.738 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

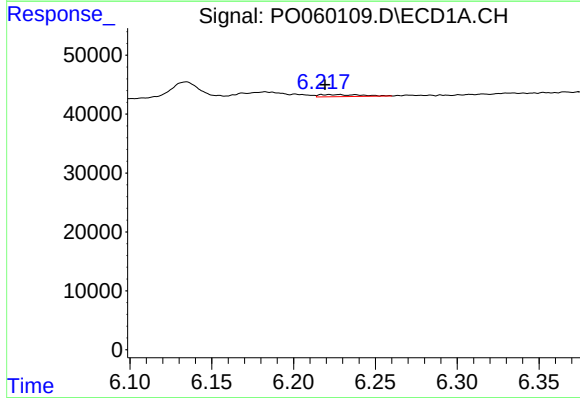
R.T.: 5.567 min  
Delta R.T.: 0.027 min  
Response: 3461  
Conc: 3.58 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
TW-13



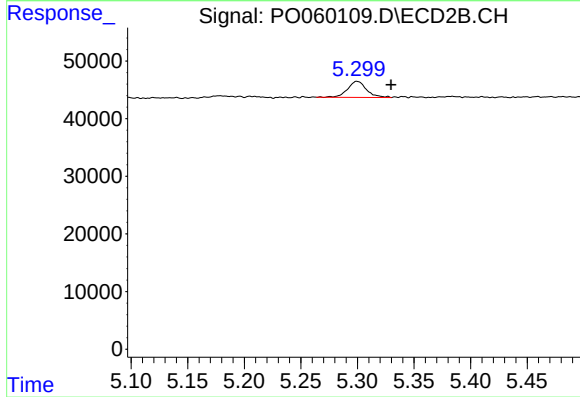
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 4.848 min  
Response: 0  
Conc: N.D.



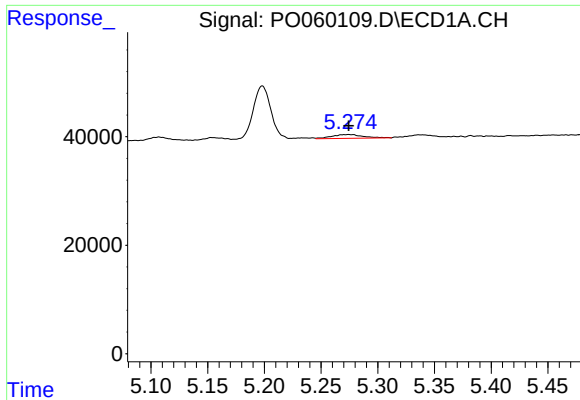
#20 AR-1242-5

R.T.: 6.222 min  
Delta R.T.: 0.003 min  
Response: 6355  
Conc: 5.06 ng/ml



#20 AR-1242-5

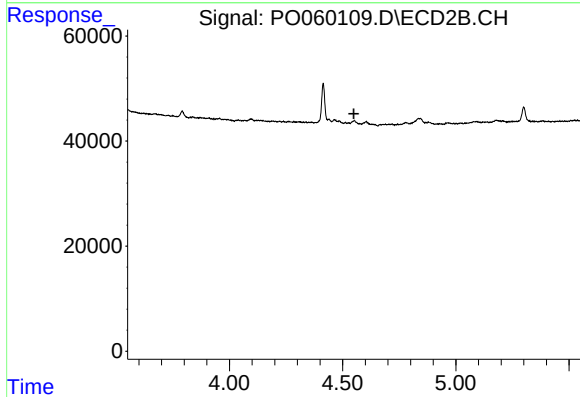
R.T.: 5.300 min  
Delta R.T.: -0.030 min  
Response: 32553  
Conc: 29.10 ng/ml



#21 AR-1248-1

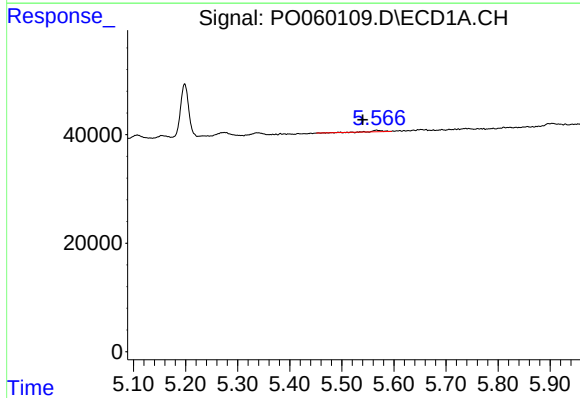
R.T.: 5.274 min  
Delta R.T.: 0.000 min  
Response: 13540  
Conc: 13.51 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
TW-13



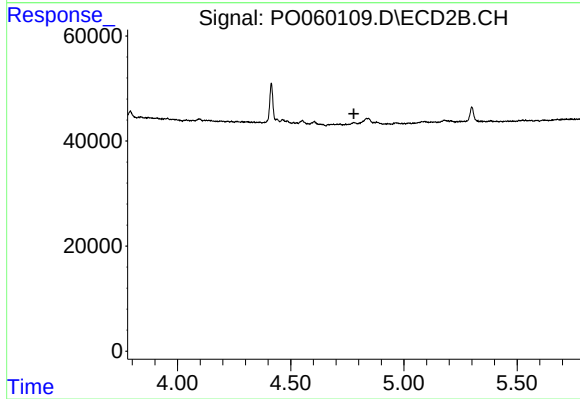
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 4.550 min  
Response: 0  
Conc: N.D.



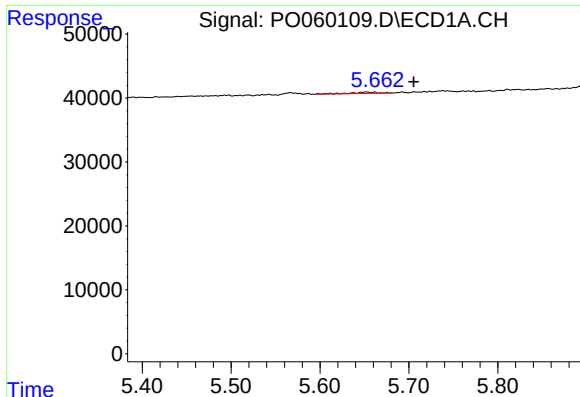
#22 AR-1248-2

R.T.: 5.567 min  
Delta R.T.: 0.027 min  
Response: 3461  
Conc: 2.39 ng/ml



#22 AR-1248-2

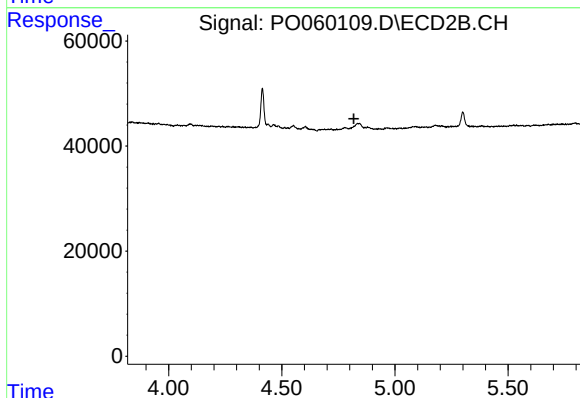
R.T.: 0.000 min  
Exp R.T. : 4.779 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

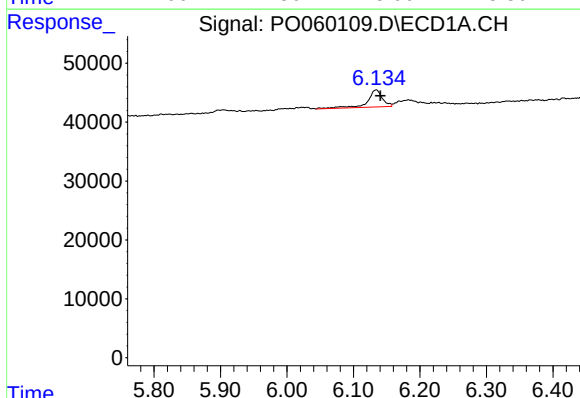
R.T.: 5.651 min  
Delta R.T.: -0.054 min  
Response: 4652  
Conc: 2.80 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
TW-13



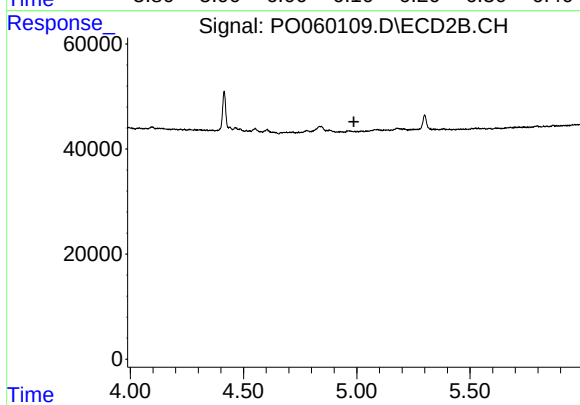
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 4.819 min  
Response: 0  
Conc: N.D.



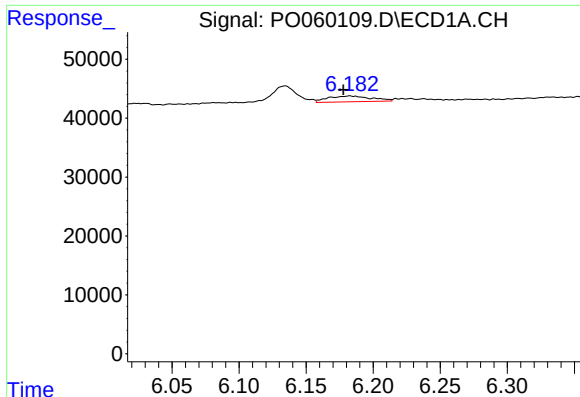
#24 AR-1248-4

R.T.: 6.134 min  
Delta R.T.: -0.007 min  
Response: 45079  
Conc: 22.05 ng/ml



#24 AR-1248-4

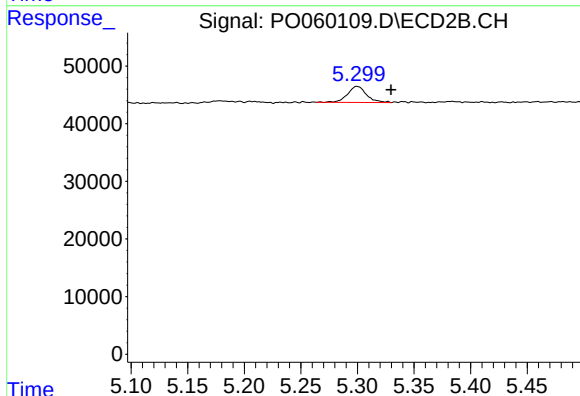
R.T.: 0.000 min  
Exp R.T. : 4.987 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

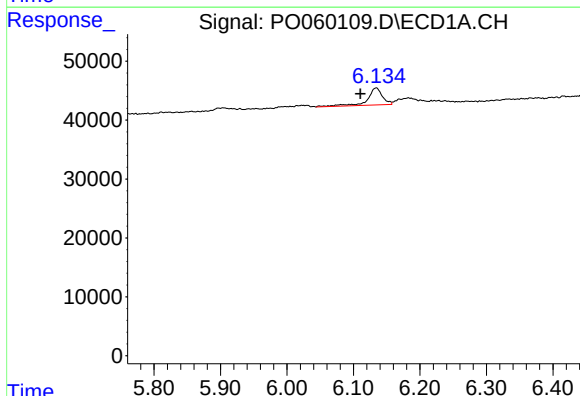
R.T.: 6.183 min  
Delta R.T.: 0.005 min  
Response: 22356  
Conc: 11.27 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
TW-13



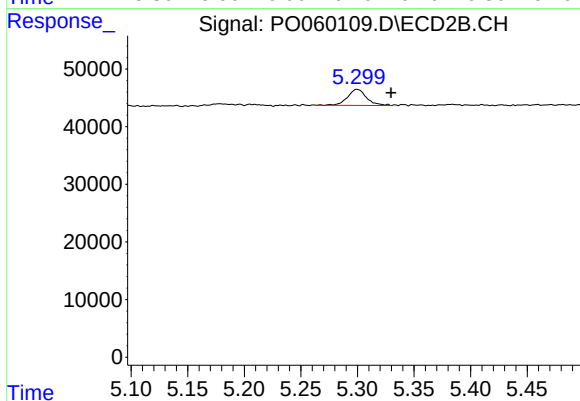
#25 AR-1248-5

R.T.: 5.300 min  
Delta R.T.: -0.030 min  
Response: 32553  
Conc: 22.74 ng/ml



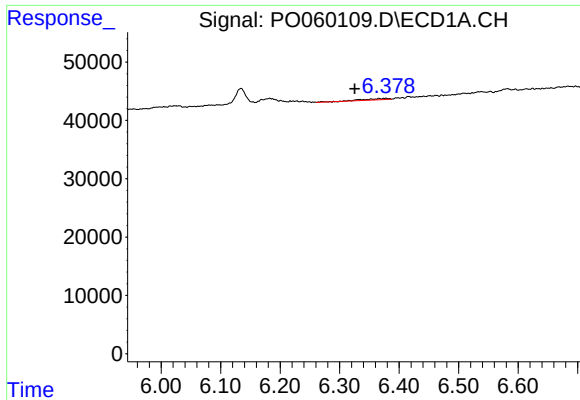
#26 AR-1254-1

R.T.: 6.134 min  
Delta R.T.: 0.023 min  
Response: 45079  
Conc: 21.61 ng/ml



#26 AR-1254-1

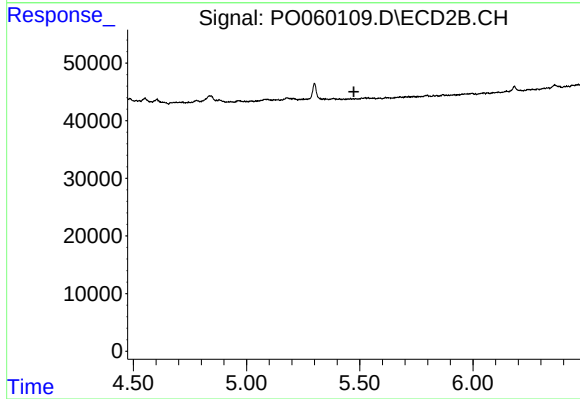
R.T.: 5.300 min  
Delta R.T.: -0.030 min  
Response: 32553  
Conc: 13.72 ng/ml



#27 AR-1254-2

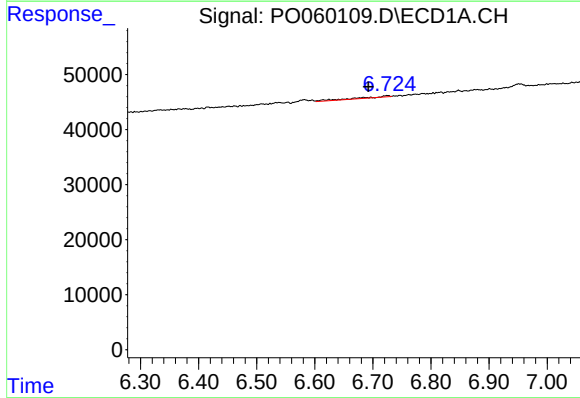
R.T.: 6.377 min  
Delta R.T.: 0.052 min  
Response: 6711  
Conc: 2.01 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
TW-13



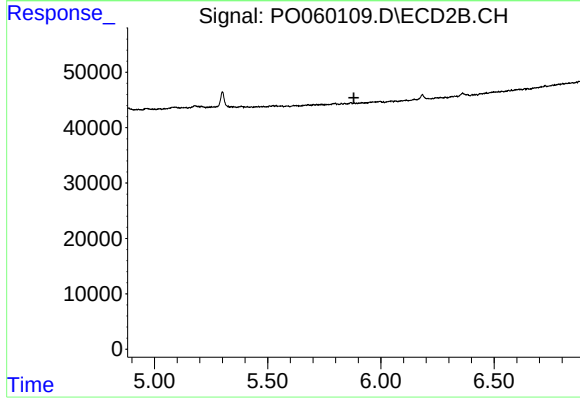
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 5.474 min  
Response: 0  
Conc: N.D.



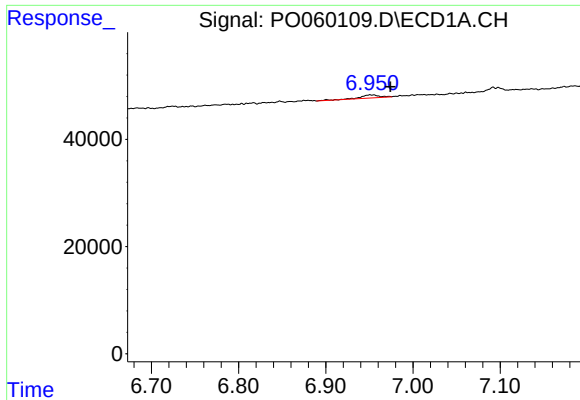
#28 AR-1254-3

R.T.: 6.724 min  
Delta R.T.: 0.032 min  
Response: 8950  
Conc: 2.52 ng/ml



#28 AR-1254-3

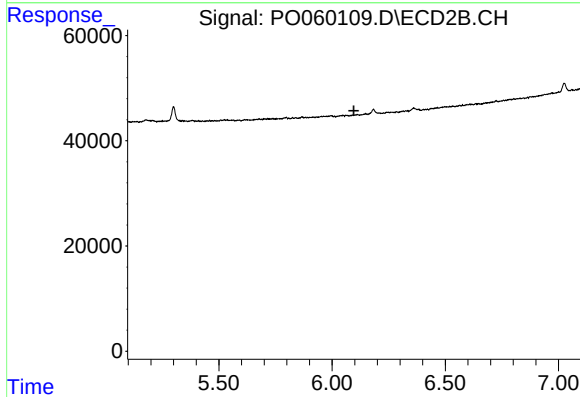
R.T.: 0.000 min  
Exp R.T. : 5.881 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

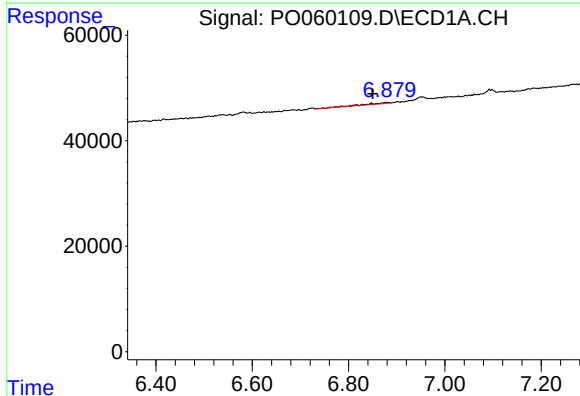
R.T.: 6.952 min  
Delta R.T.: -0.022 min  
Response: 9356  
Conc: 3.18 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
TW-13



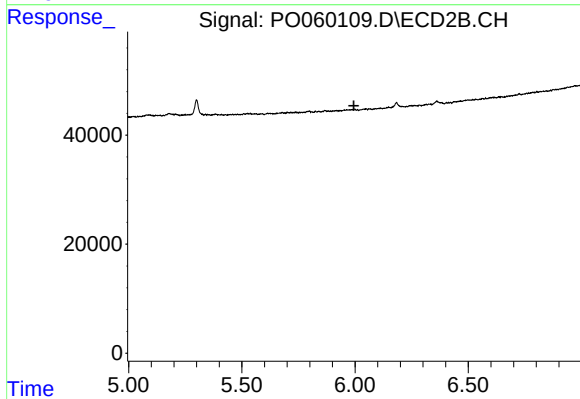
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 6.097 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

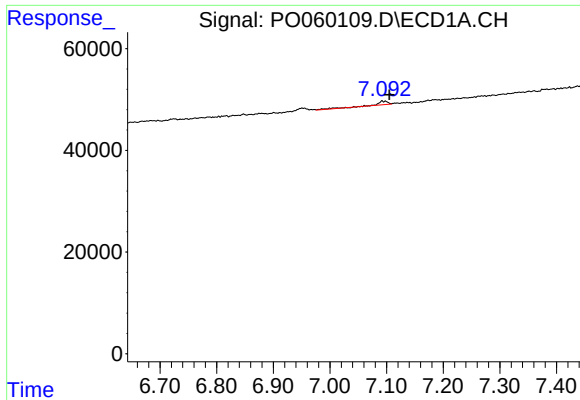
R.T.: 6.879 min  
Delta R.T.: 0.029 min  
Response: 8188  
Conc: 3.04 ng/ml



#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 5.995 min  
Response: 0  
Conc: N.D.

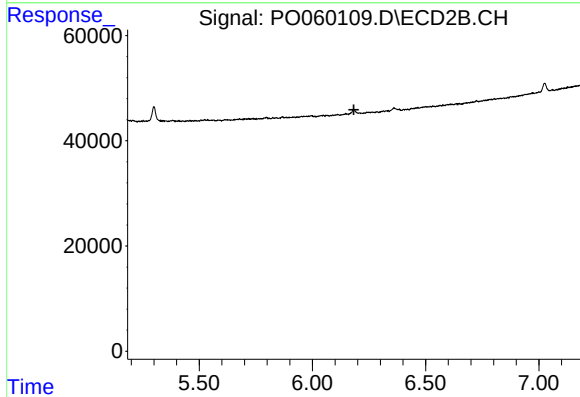




#32 AR-1260-2

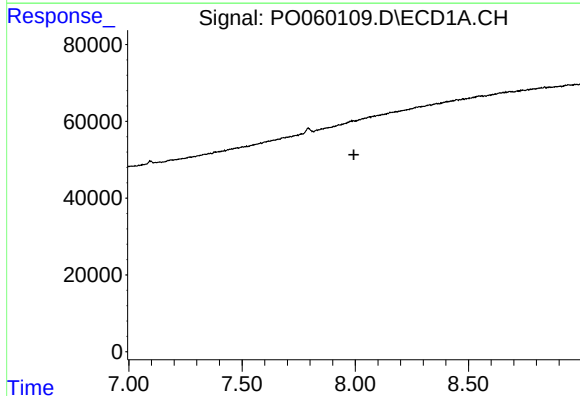
R.T.: 7.095 min  
Delta R.T.: -0.011 min  
Response: 10179  
Conc: 2.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
TW-13



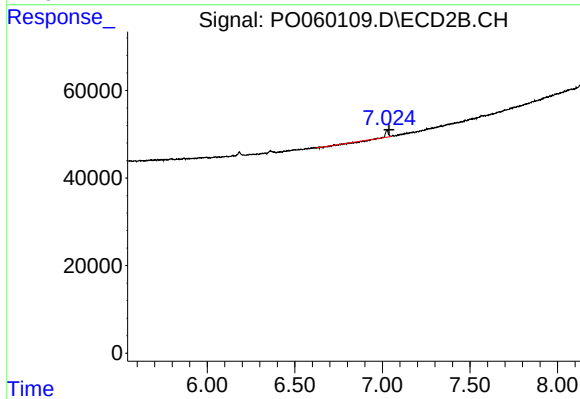
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T. : 6.183 min  
Response: 0  
Conc: N.D.



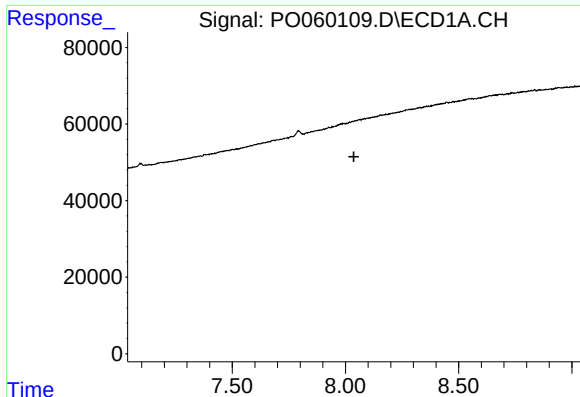
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 7.994 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

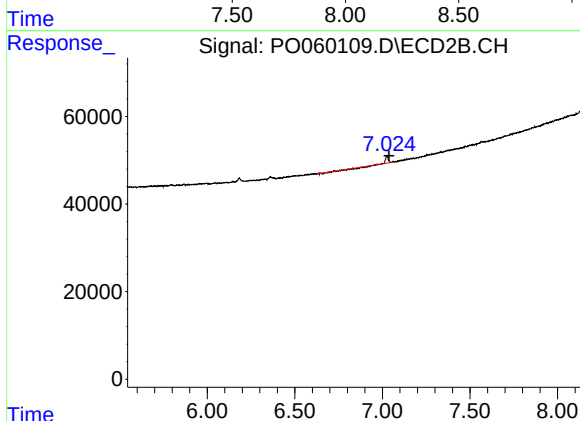
R.T.: 7.026 min  
Delta R.T.: -0.012 min  
Response: 824  
Conc: 0.15 ng/ml



#37 AR-1262-2

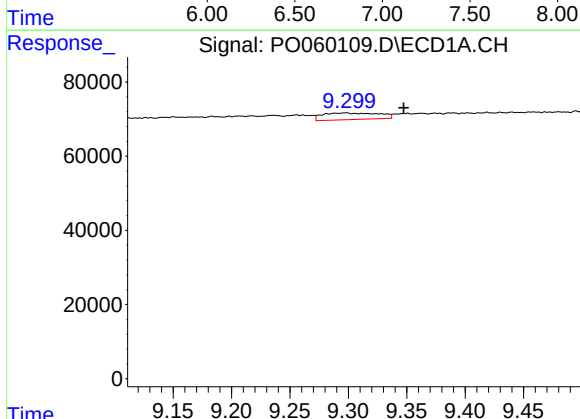
R.T.: 0.000 min  
Exp R.T.: 8.037 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
TW-13



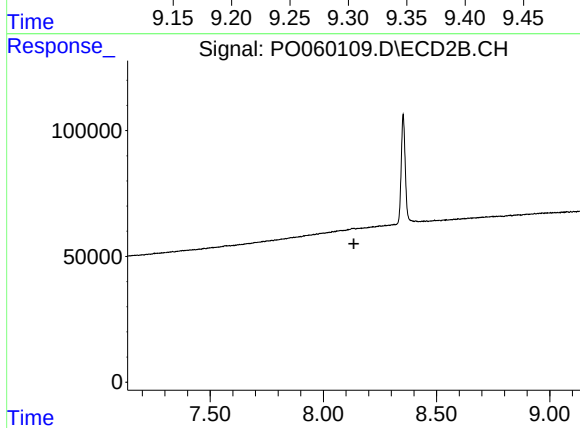
#37 AR-1262-2

R.T.: 7.026 min  
Delta R.T.: -0.012 min  
Response: 824  
Conc: 0.14 ng/ml



#45 AR-1268-5

R.T.: 9.297 min  
Delta R.T.: -0.050 min  
Response: 59649  
Conc: 3.23 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 8.135 min  
Response: 0  
Conc: N.D.