

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0011719\  
 Data File : P0053485.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 17 Jan 2019 18:22  
 Operator : SM/SJ  
 Sample : K1164-04  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 011519-BLST-E-U-B

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 17 23:53:39 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0010819.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jan 09 03:34:05 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... | 4.186 | 3.196 | 378349   | 4317767 | 0.283   | 17.268 # |
| 2)                          | SA Decachlor... | 9.594 | 7.832 | 15870226 | 4586461 | 20.093  | 20.028   |
|                             |                 |       |       |          |         |         |          |
| Target Compounds            |                 |       |       |          |         |         |          |
| 3)                          | L1 AR-1016-1    | 0.000 | 4.178 | 0        | 19071   | N.D.    | 1.934 #  |
| 4)                          | L1 AR-1016-2    | 0.000 | 4.178 | 0        | 19071   | N.D.    | 1.287 #  |
| 5)                          | L1 AR-1016-3    | 5.452 | 0.000 | 82098    | 0       | 2.564   | N.D. #   |
| 6)                          | L1 AR-1016-4    | 5.522 | 4.481 | 232643   | 207696  | 9.010   | 34.390 # |
| 7)                          | L1 AR-1016-5    | 5.777 | 0.000 | 508801   | 0       | 21.549  | N.D. #   |
| 8)                          | L2 AR-1221-1    | 4.370 | 3.345 | 336427   | 110683  | 22.449  | 34.846 # |
| 9)                          | L2 AR-1221-2    | 4.438 | 0.000 | 1400504  | 0       | 127.611 | N.D. #   |
| 10)                         | L2 AR-1221-3    | 4.542 | 3.561 | 3249337  | 172602  | 93.253  | 22.567 # |
| 11)                         | L3 AR-1232-1    | 4.542 | 3.561 | 3249337  | 172602  | 114.050 | 28.270 # |
| 12)                         | L3 AR-1232-2    | 0.000 | 4.178 | 0        | 19071   | N.D.    | 2.575 #  |
| 14)                         | L3 AR-1232-4    | 5.522 | 4.481 | 232643   | 207696  | 18.177  | 61.316 # |
| 15)                         | L3 AR-1232-5    | 5.560 | 0.000 | 556867   | 0       | 70.037  | N.D. #   |
| 16)                         | L4 AR-1242-1    | 0.000 | 4.178 | 0        | 19071   | N.D.    | 2.222 #  |
| 17)                         | L4 AR-1242-2    | 0.000 | 4.178 | 0        | 19071   | N.D.    | 1.440 #  |
| 18)                         | L4 AR-1242-3    | 5.452 | 0.000 | 82098    | 0       | 2.771   | N.D. #   |
| 19)                         | L4 AR-1242-4    | 5.522 | 4.481 | 232643   | 207696  | 9.807   | 30.780 # |
| 21)                         | L5 AR-1248-1    | 0.000 | 4.178 | 0        | 19071   | N.D.    | 2.855 #  |
| 22)                         | L5 AR-1248-2    | 5.560 | 4.481 | 556867   | 207696  | 18.207  | 23.176 # |
| 23)                         | L5 AR-1248-3    | 5.777 | 4.481 | 508801   | 207696  | 14.858  | 22.471 # |
| 30)                         | L6 AR-1254-5    | 7.386 | 0.000 | 215980   | 0       | 4.662   | N.D. #   |
| 31)                         | L7 AR-1260-1    | 0.000 | 5.534 | 0        | 175405  | N.D.    | 11.806 # |
| 38)                         | L8 AR-1262-3    | 0.000 | 6.867 | 0        | 398359  | N.D.    | 28.097 # |
| 39)                         | L8 AR-1262-4    | 0.000 | 6.867 | 0        | 398359  | N.D.    | 15.084 # |
| 41)                         | L9 AR-1268-1    | 0.000 | 6.867 | 0        | 398359  | N.D.    | 9.445 #  |
| 42)                         | L9 AR-1268-2    | 0.000 | 6.867 | 0        | 398359  | N.D.    | 9.995 #  |
| -----                       |                 |       |       |          |         |         |          |

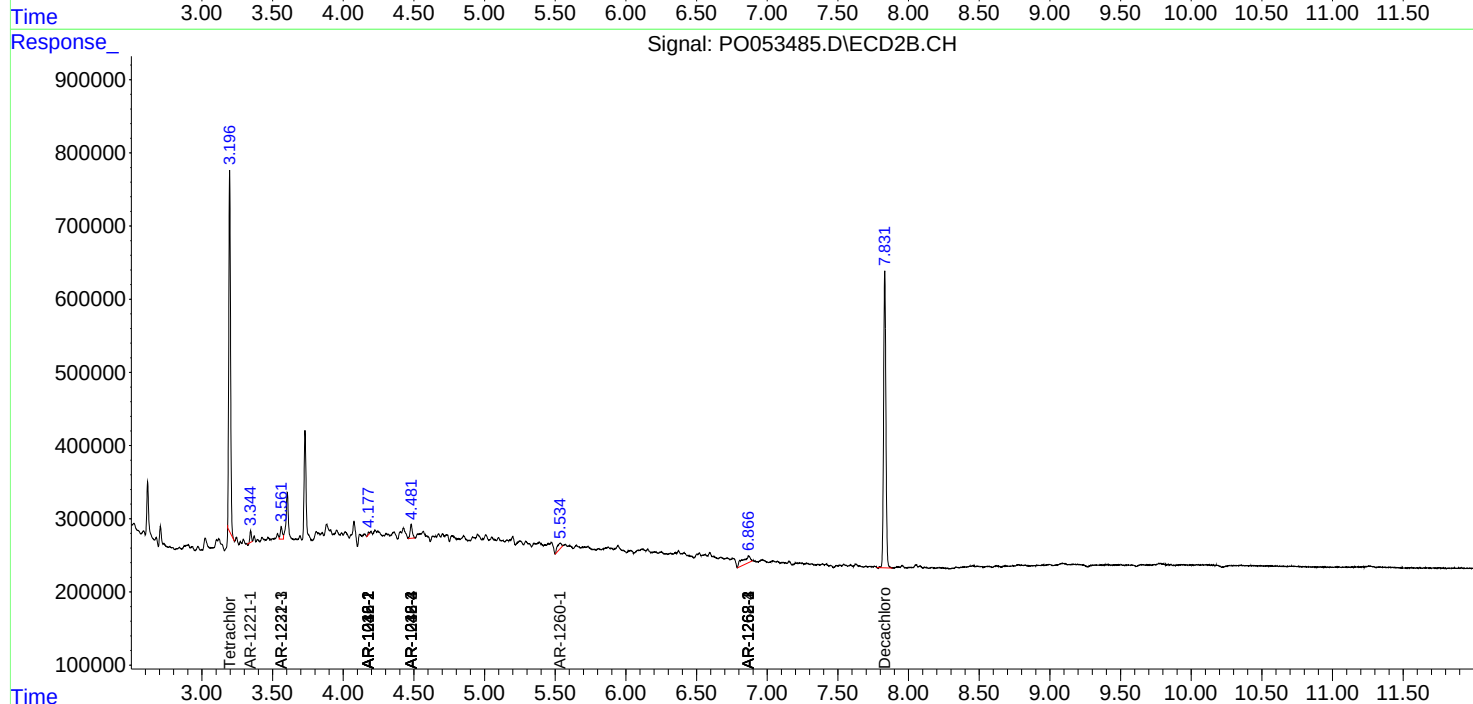
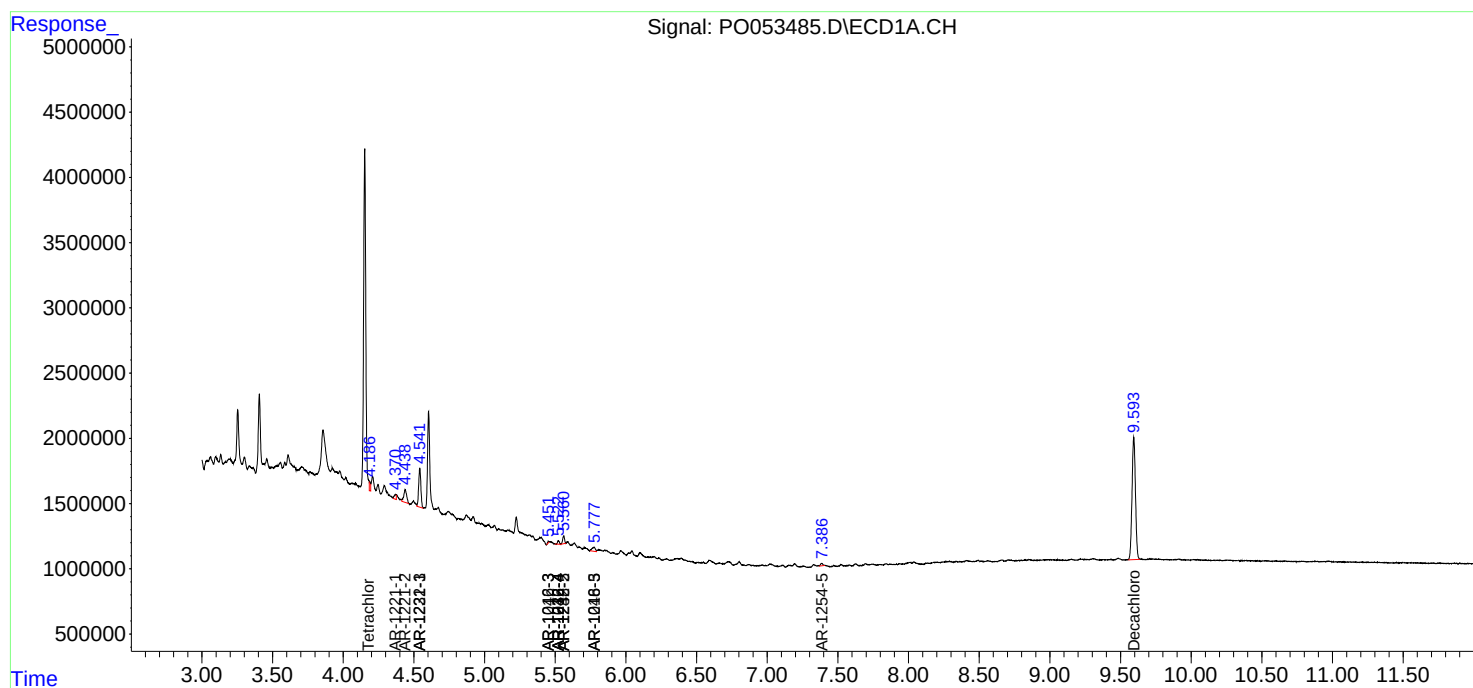
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

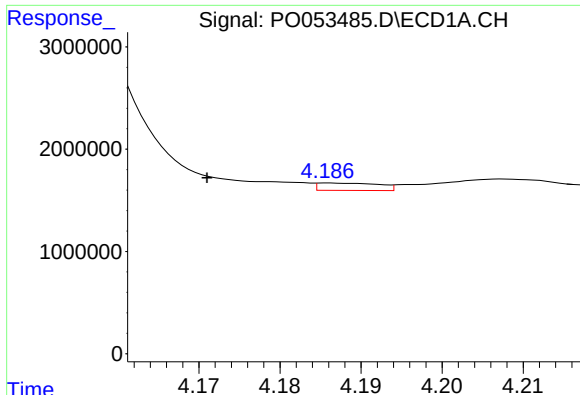
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO011719\  
Data File : PO053485.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 17 Jan 2019 18:22  
Operator : SM/SJ  
Sample : K1164-04  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
011519-BLST-E-U-B

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 17 23:53:39 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO010819.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jan 09 03:34:05 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

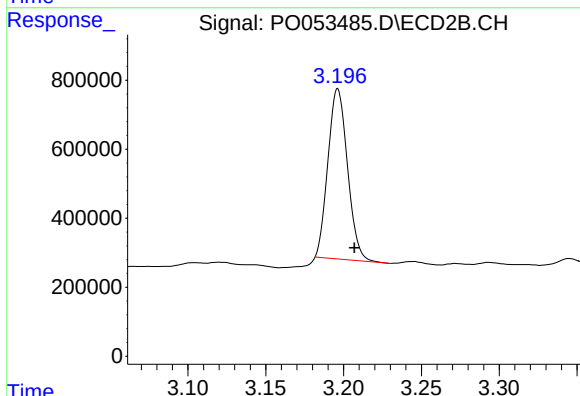




#1 Tetrachloro-m-xylene

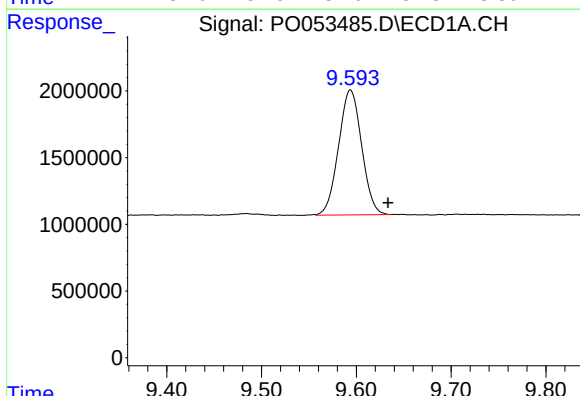
R.T.: 4.186 min  
Delta R.T.: 0.015 min  
Response: 378349  
Conc: 0.28 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
011519-BLST-E-U-B



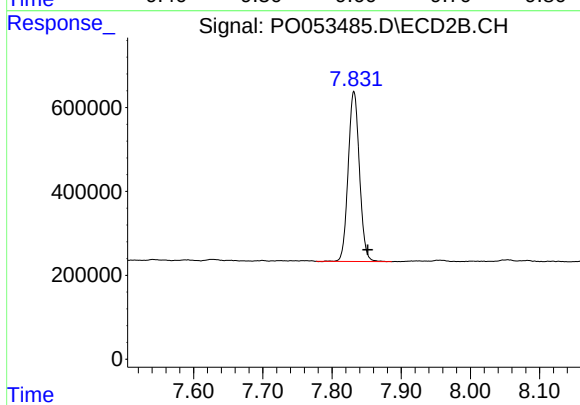
#1 Tetrachloro-m-xylene

R.T.: 3.196 min  
Delta R.T.: -0.011 min  
Response: 4317767  
Conc: 17.27 ng/ml



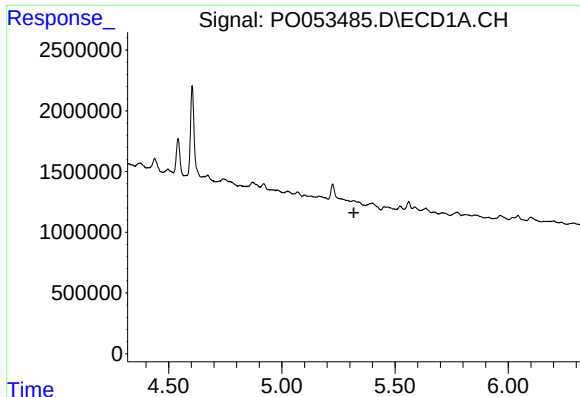
#2 Decachlorobiphenyl

R.T.: 9.594 min  
Delta R.T.: -0.040 min  
Response: 15870226  
Conc: 20.09 ng/ml



#2 Decachlorobiphenyl

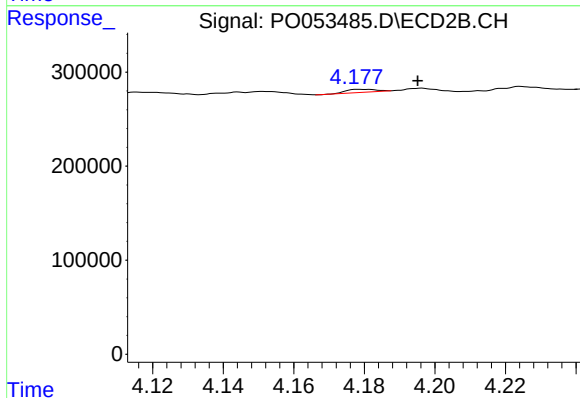
R.T.: 7.832 min  
Delta R.T.: -0.020 min  
Response: 4586461  
Conc: 20.03 ng/ml



#3 AR-1016-1

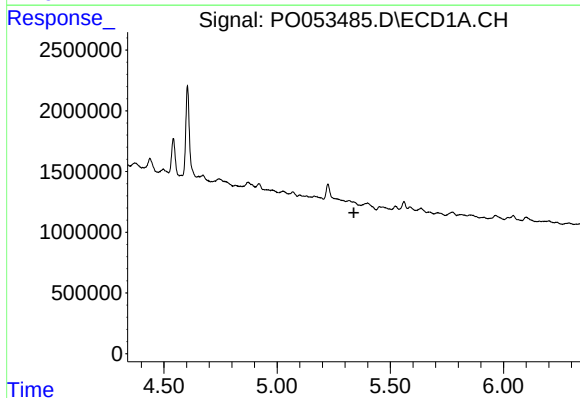
R.T.: 0.000 min  
Exp R.T.: 5.318 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
011519-BLST-E-U-B



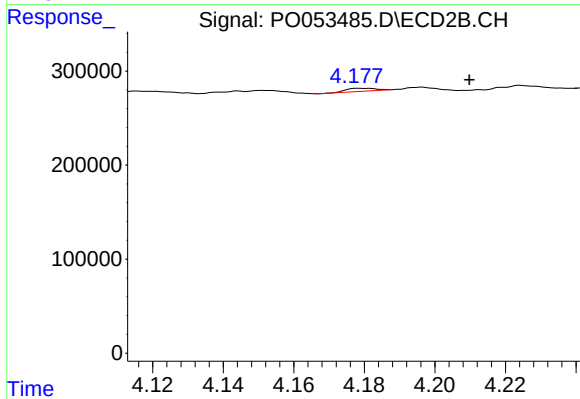
#3 AR-1016-1

R.T.: 4.178 min  
Delta R.T.: -0.017 min  
Response: 19071  
Conc: 1.93 ng/ml



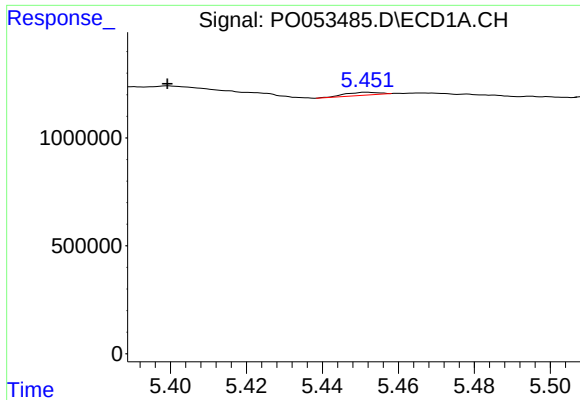
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.339 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

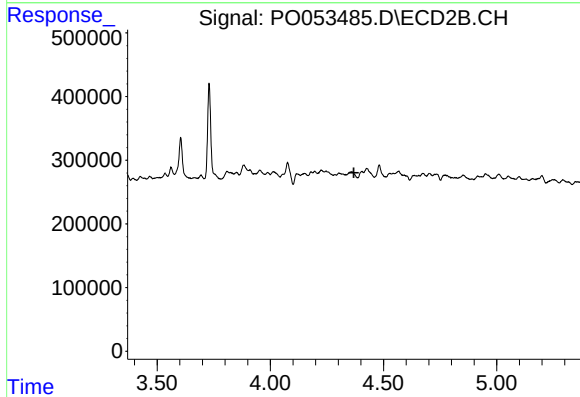
R.T.: 4.178 min  
Delta R.T.: -0.031 min  
Response: 19071  
Conc: 1.29 ng/ml



#5 AR-1016-3

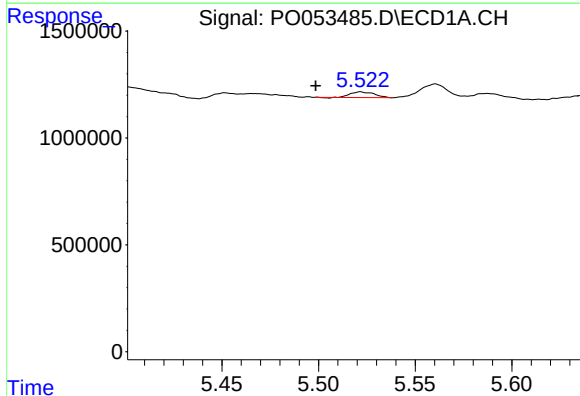
R.T.: 5.452 min  
Delta R.T.: 0.052 min  
Response: 82098  
Conc: 2.56 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
011519-BLST-E-U-B



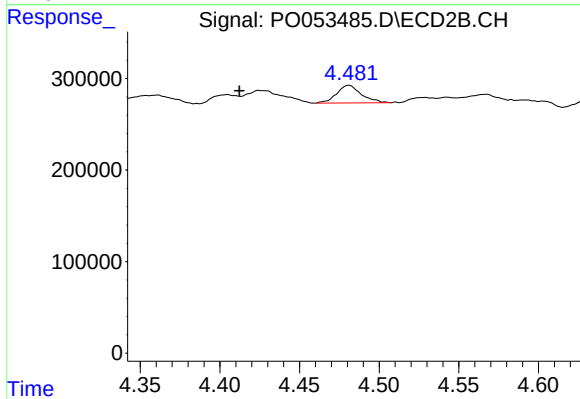
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 4.369 min  
Response: 0  
Conc: N.D.



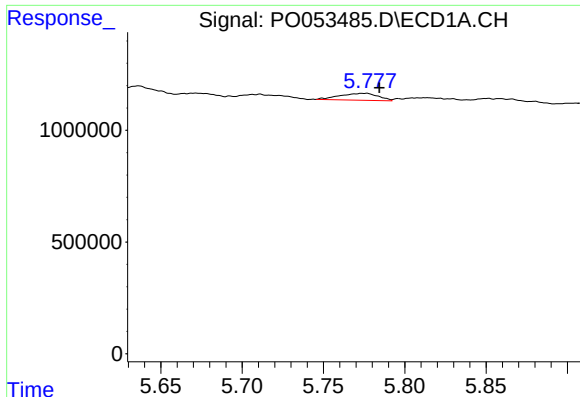
#6 AR-1016-4

R.T.: 5.522 min  
Delta R.T.: 0.023 min  
Response: 232643  
Conc: 9.01 ng/ml



#6 AR-1016-4

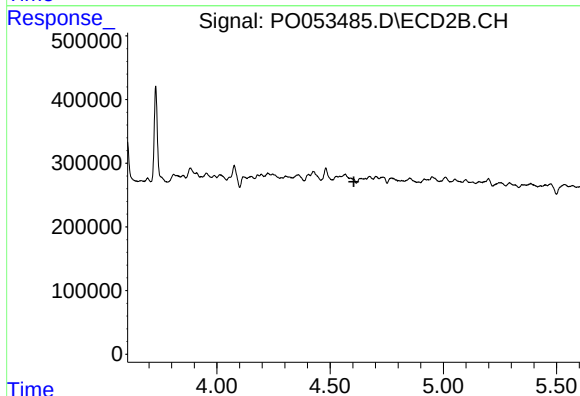
R.T.: 4.481 min  
Delta R.T.: 0.069 min  
Response: 207696  
Conc: 34.39 ng/ml



#7 AR-1016-5

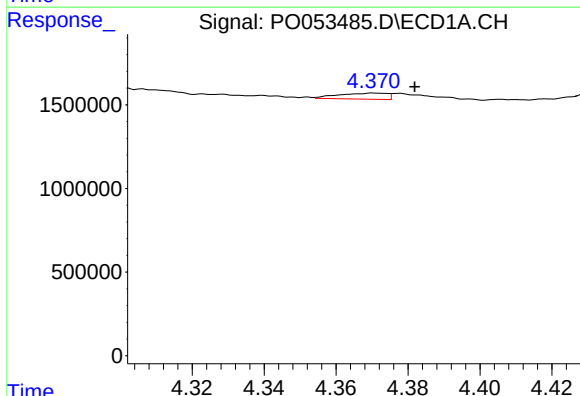
R.T.: 5.777 min  
Delta R.T.: -0.007 min  
Response: 508801  
Conc: 21.55 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
011519-BLST-E-U-B



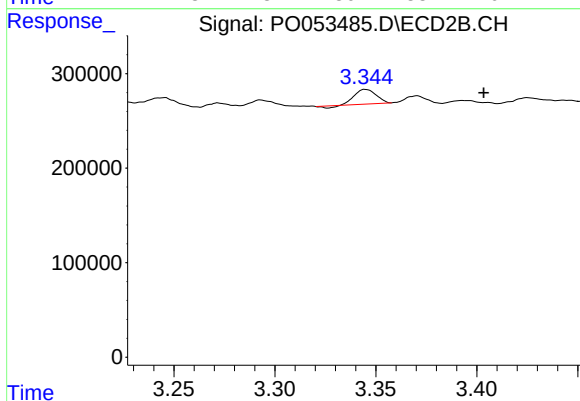
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 4.605 min  
Response: 0  
Conc: N.D.



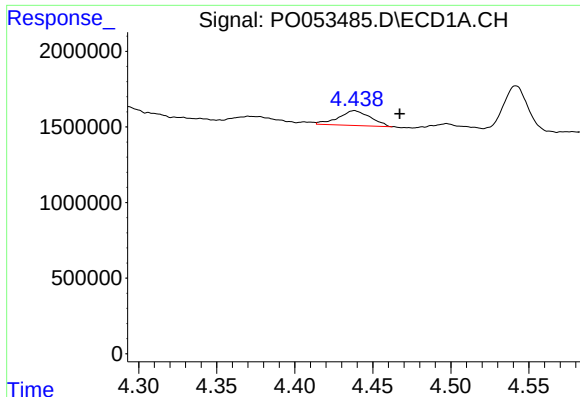
#8 AR-1221-1

R.T.: 4.370 min  
Delta R.T.: -0.012 min  
Response: 336427  
Conc: 22.45 ng/ml



#8 AR-1221-1

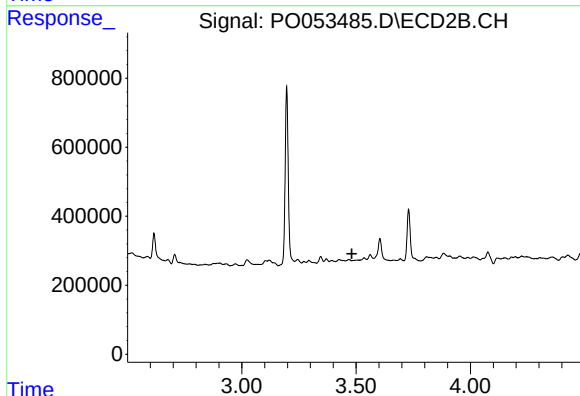
R.T.: 3.345 min  
Delta R.T.: -0.059 min  
Response: 110683  
Conc: 34.85 ng/ml



#9 AR-1221-2

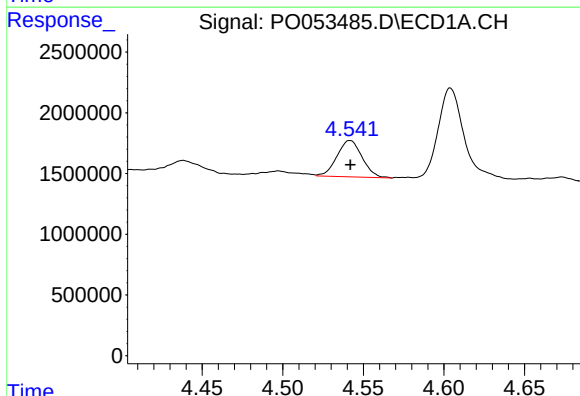
R.T.: 4.438 min  
Delta R.T.: -0.029 min  
Response: 1400504  
Conc: 127.61 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
011519-BLST-E-U-B



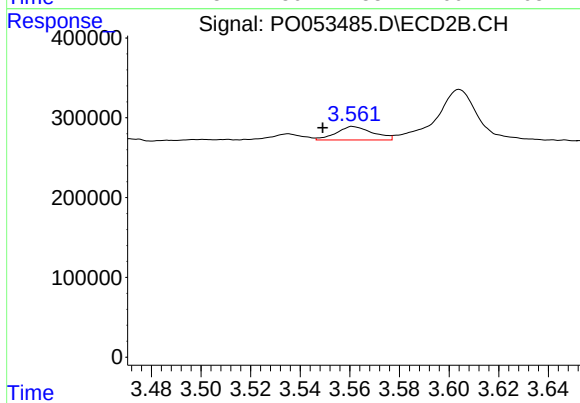
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T. : 3.481 min  
Response: 0  
Conc: N.D.



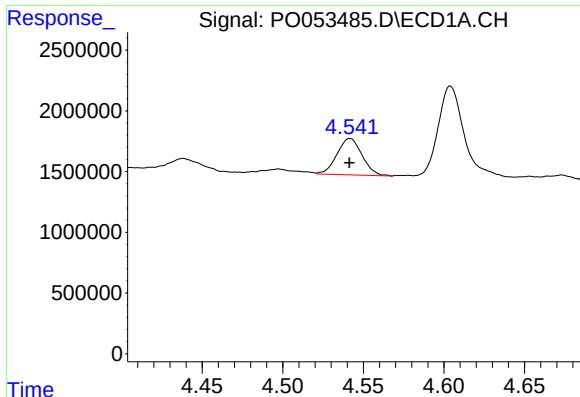
#10 AR-1221-3

R.T.: 4.542 min  
Delta R.T.: 0.000 min  
Response: 3249337  
Conc: 93.25 ng/ml



#10 AR-1221-3

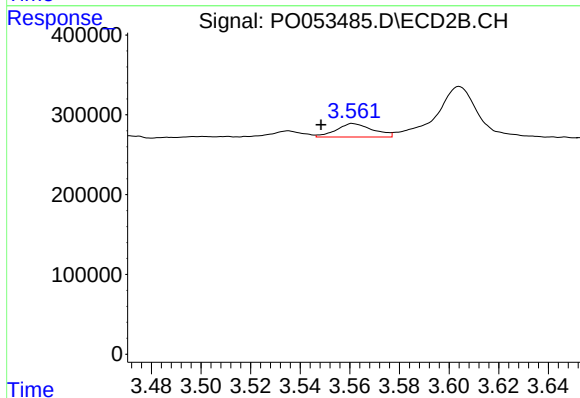
R.T.: 3.561 min  
Delta R.T.: 0.012 min  
Response: 172602  
Conc: 22.57 ng/ml



#11 AR-1232-1

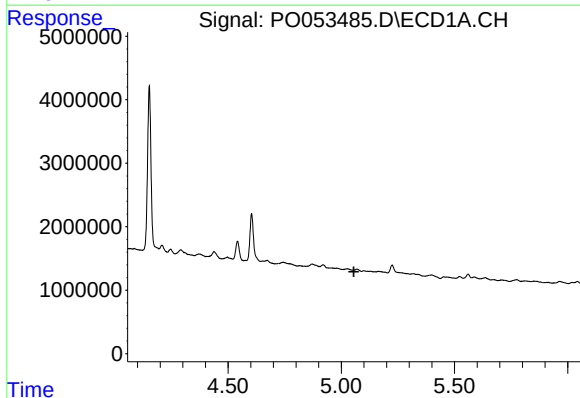
R.T.: 4.542 min  
Delta R.T.: 0.000 min  
Response: 3249337  
Conc: 114.05 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
011519-BLST-E-U-B



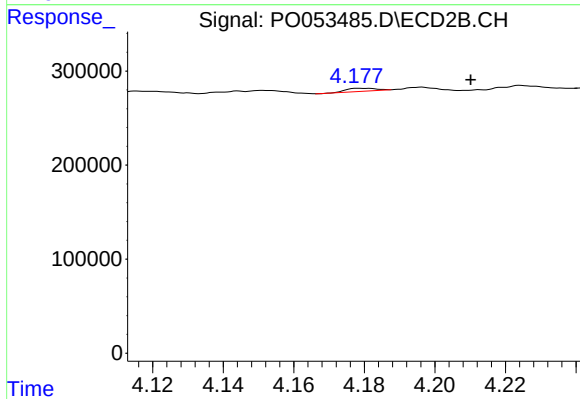
#11 AR-1232-1

R.T.: 3.561 min  
Delta R.T.: 0.013 min  
Response: 172602  
Conc: 28.27 ng/ml



#12 AR-1232-2

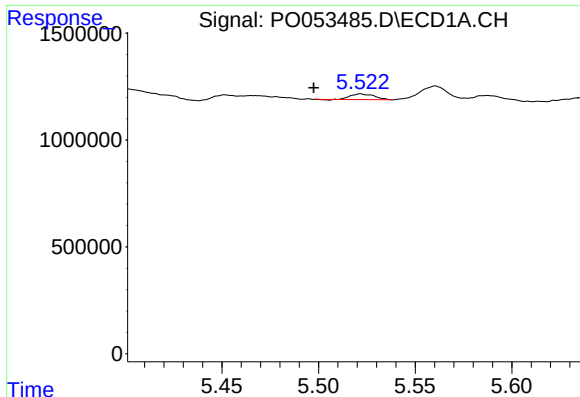
R.T.: 0.000 min  
Exp R.T. : 5.056 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

R.T.: 4.178 min  
Delta R.T.: -0.032 min  
Response: 19071  
Conc: 2.57 ng/ml

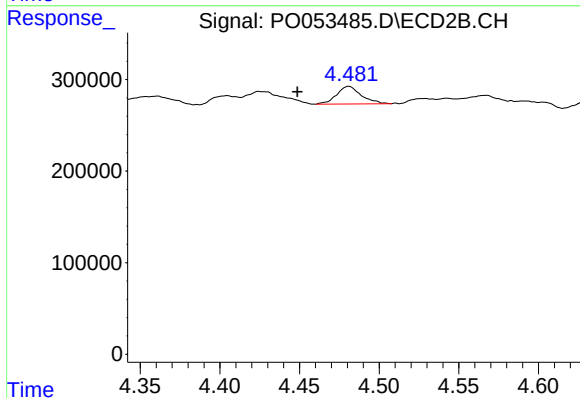




#14 AR-1232-4

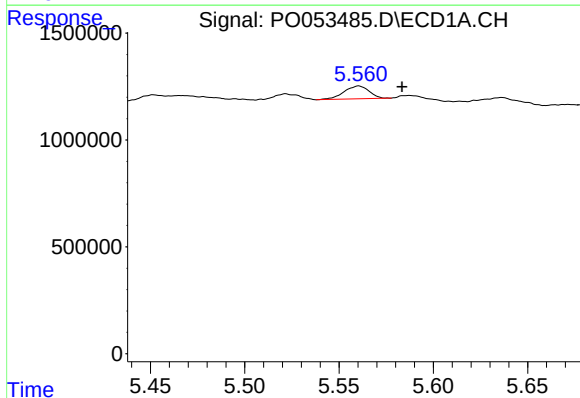
R.T.: 5.522 min  
Delta R.T.: 0.024 min  
Response: 232643  
Conc: 18.18 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
011519-BLST-E-U-B



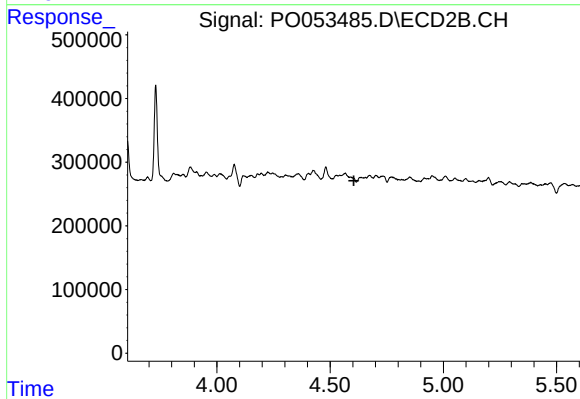
#14 AR-1232-4

R.T.: 4.481 min  
Delta R.T.: 0.032 min  
Response: 207696  
Conc: 61.32 ng/ml



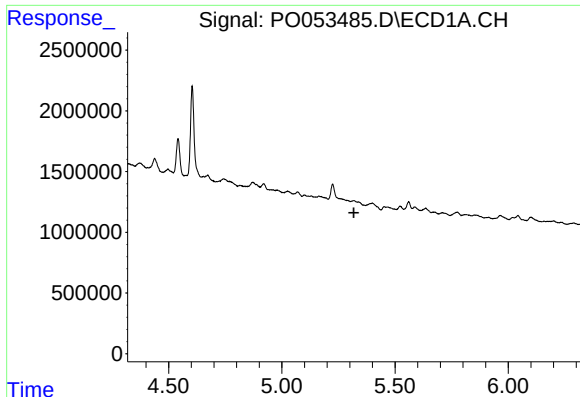
#15 AR-1232-5

R.T.: 5.560 min  
Delta R.T.: -0.023 min  
Response: 556867  
Conc: 70.04 ng/ml



#15 AR-1232-5

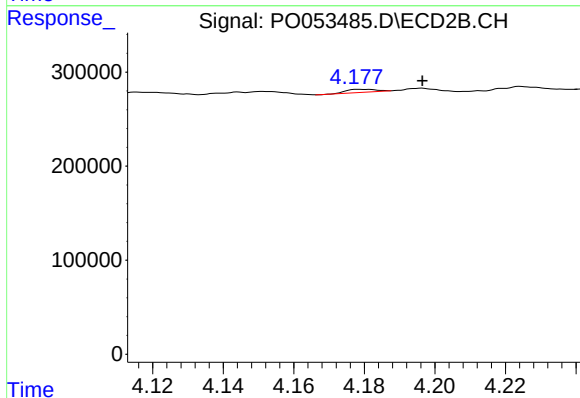
R.T.: 0.000 min  
Exp R.T.: 4.605 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

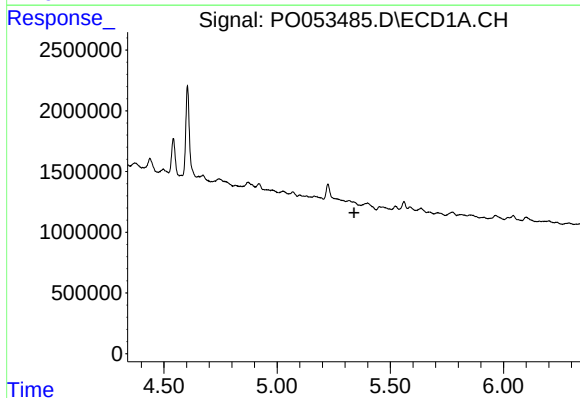
R.T.: 0.000 min  
Exp R.T. : 5.318 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
011519-BLST-E-U-B



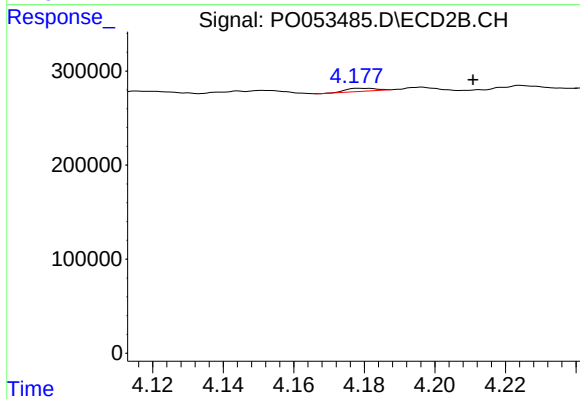
#16 AR-1242-1

R.T.: 4.178 min  
Delta R.T.: -0.018 min  
Response: 19071  
Conc: 2.22 ng/ml



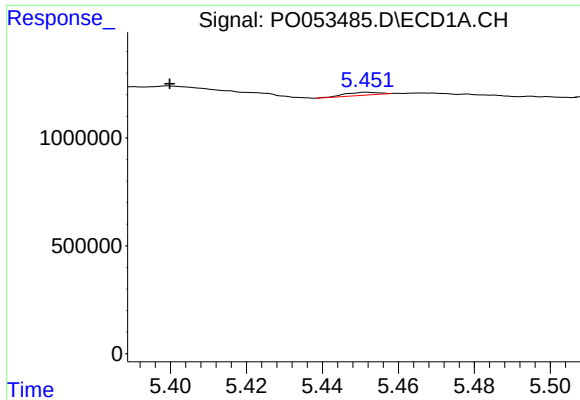
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 5.340 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

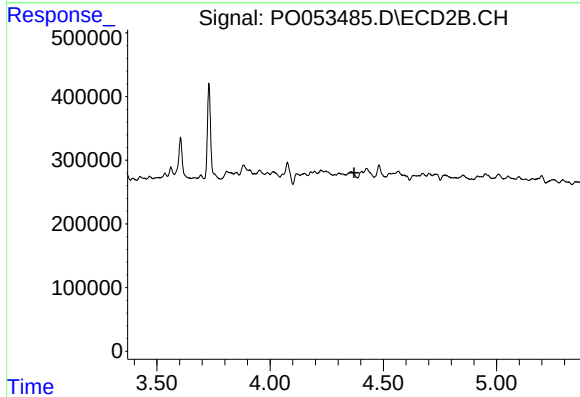
R.T.: 4.178 min  
Delta R.T.: -0.032 min  
Response: 19071  
Conc: 1.44 ng/ml



#18 AR-1242-3

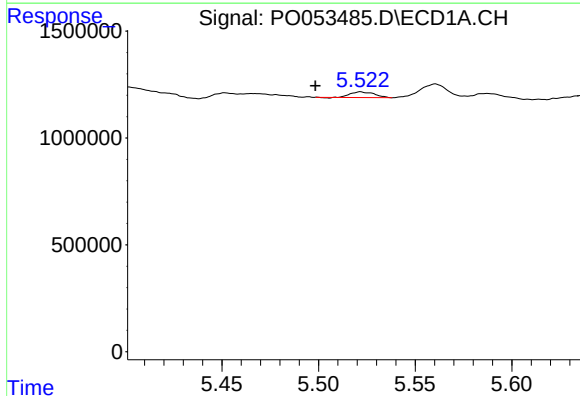
R.T.: 5.452 min  
Delta R.T.: 0.052 min  
Response: 82098  
Conc: 2.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
011519-BLST-E-U-B



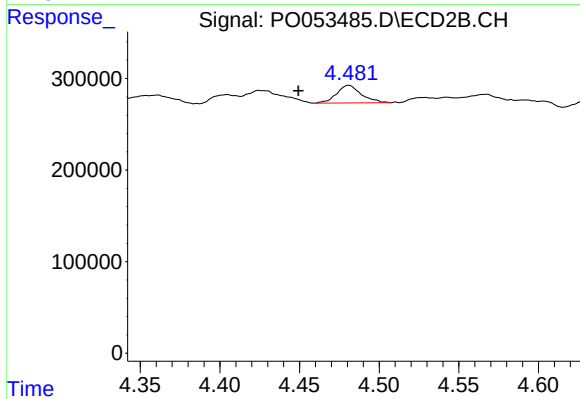
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 4.370 min  
Response: 0  
Conc: N.D.



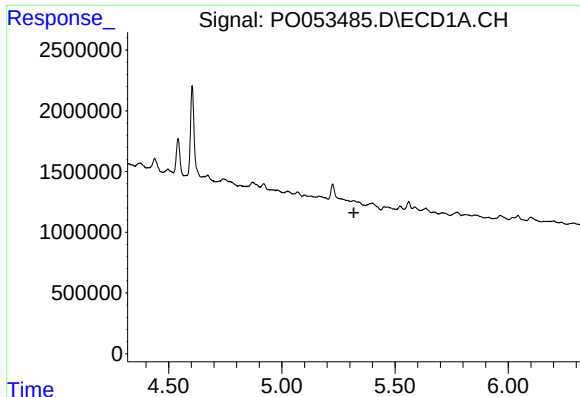
#19 AR-1242-4

R.T.: 5.522 min  
Delta R.T.: 0.023 min  
Response: 232643  
Conc: 9.81 ng/ml



#19 AR-1242-4

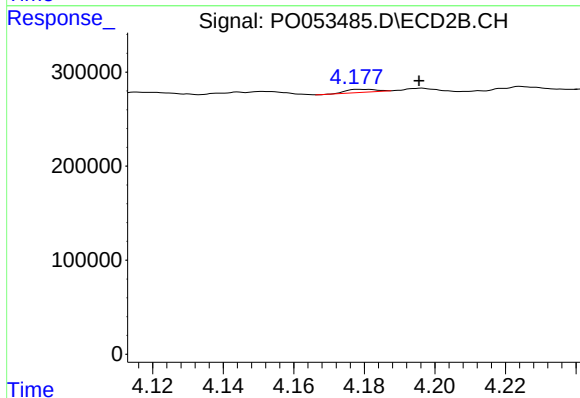
R.T.: 4.481 min  
Delta R.T.: 0.032 min  
Response: 207696  
Conc: 30.78 ng/ml



#21 AR-1248-1

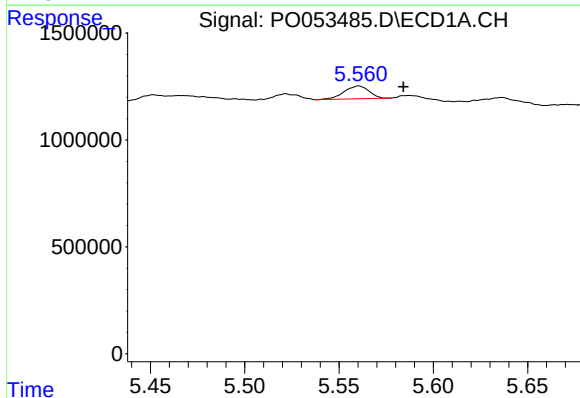
R.T.: 0.000 min  
Exp R.T.: 5.318 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
011519-BLST-E-U-B



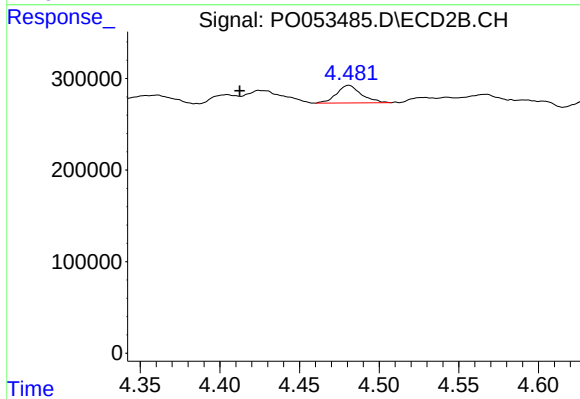
#21 AR-1248-1

R.T.: 4.178 min  
Delta R.T.: -0.017 min  
Response: 19071  
Conc: 2.85 ng/ml



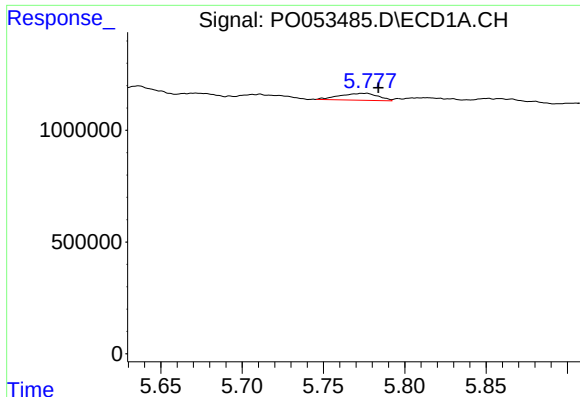
#22 AR-1248-2

R.T.: 5.560 min  
Delta R.T.: -0.024 min  
Response: 556867  
Conc: 18.21 ng/ml



#22 AR-1248-2

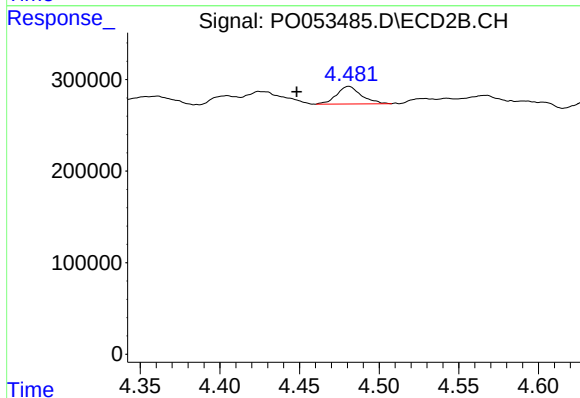
R.T.: 4.481 min  
Delta R.T.: 0.069 min  
Response: 207696  
Conc: 23.18 ng/ml



#23 AR-1248-3

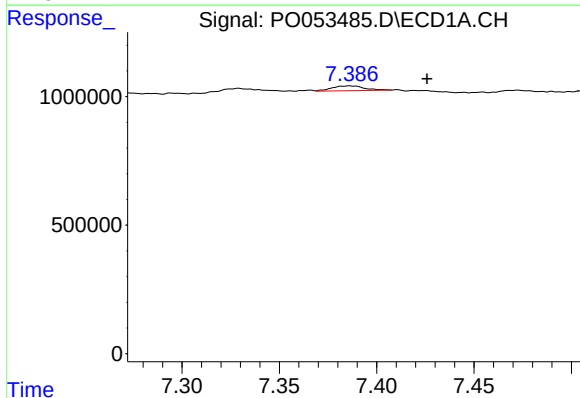
R.T.: 5.777 min  
Delta R.T.: -0.007 min  
Response: 508801  
Conc: 14.86 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
011519-BLST-E-U-B



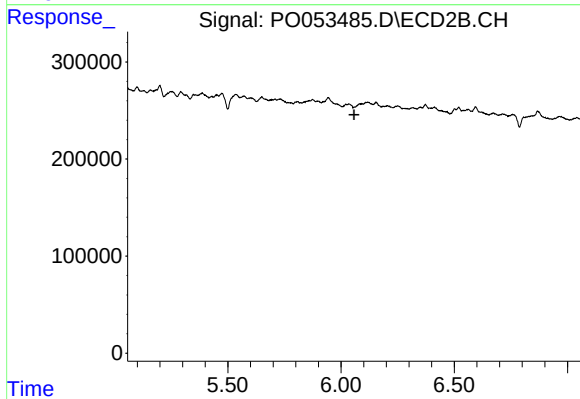
#23 AR-1248-3

R.T.: 4.481 min  
Delta R.T.: 0.033 min  
Response: 207696  
Conc: 22.47 ng/ml



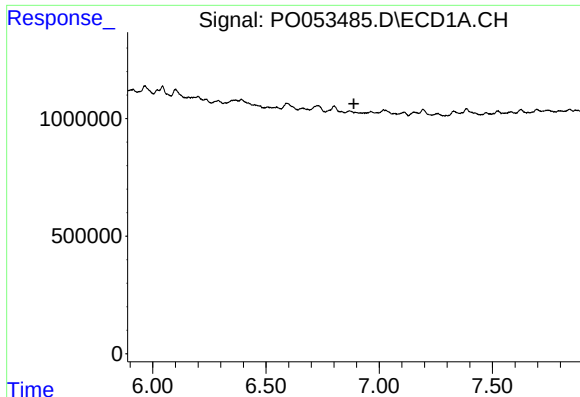
#30 AR-1254-5

R.T.: 7.386 min  
Delta R.T.: -0.040 min  
Response: 215980  
Conc: 4.66 ng/ml



#30 AR-1254-5

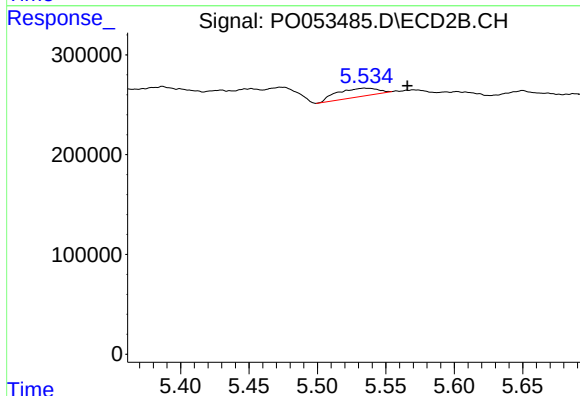
R.T.: 0.000 min  
Exp R.T.: 6.057 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

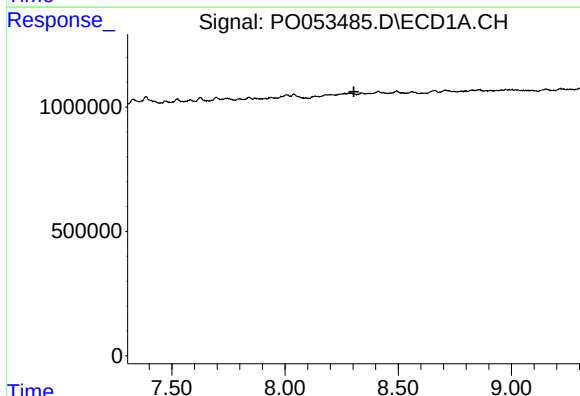
R.T.: 0.000 min  
Exp R.T.: 6.888 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
011519-BLST-E-U-B



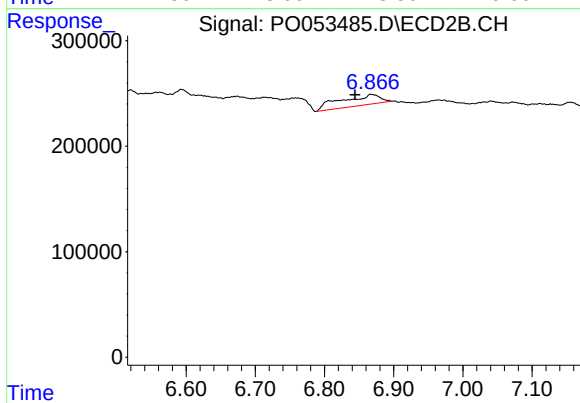
#31 AR-1260-1

R.T.: 5.534 min  
Delta R.T.: -0.031 min  
Response: 175405  
Conc: 11.81 ng/ml



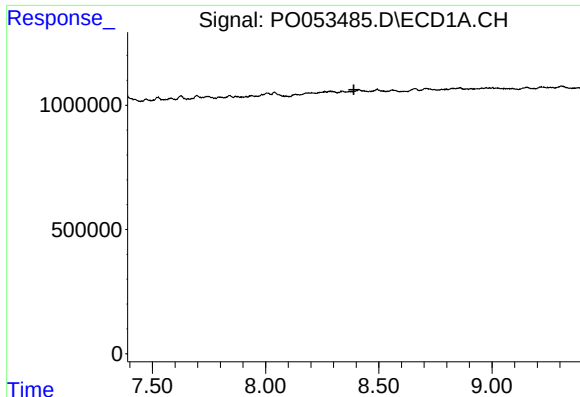
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T.: 8.304 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

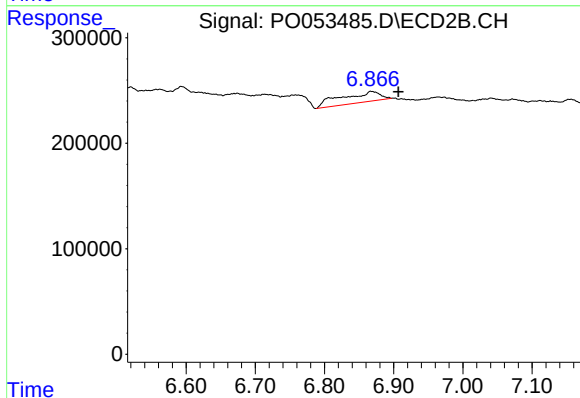
R.T.: 6.867 min  
Delta R.T.: 0.022 min  
Response: 398359  
Conc: 28.10 ng/ml



#39 AR-1262-4

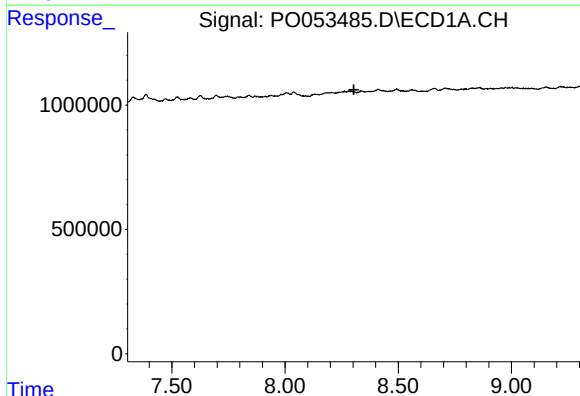
R.T.: 0.000 min  
Exp R.T. : 8.390 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
011519-BLST-E-U-B



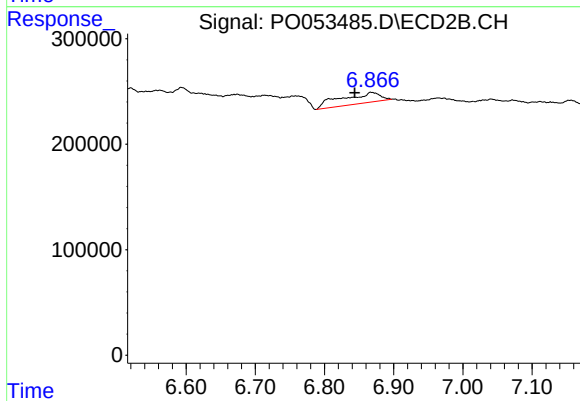
#39 AR-1262-4

R.T.: 6.867 min  
Delta R.T.: -0.040 min  
Response: 398359  
Conc: 15.08 ng/ml



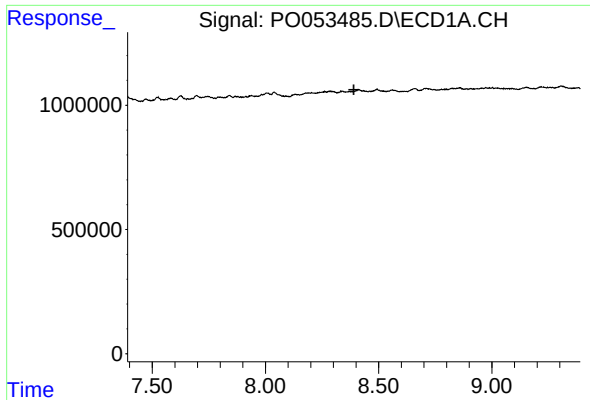
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 8.304 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

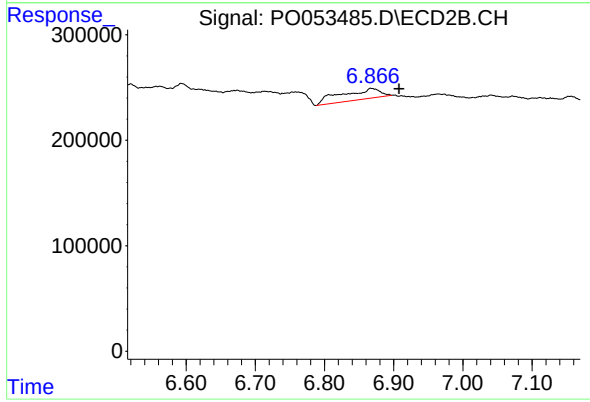
R.T.: 6.867 min  
Delta R.T.: 0.023 min  
Response: 398359  
Conc: 9.44 ng/ml



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 8.391 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
011519-BLST-E-U-B



#42 AR-1268-2

R.T.: 6.867 min  
Delta R.T.: -0.041 min  
Response: 398359  
Conc: 10.00 ng/ml