

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP080922\  
 Data File : PP050385.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Aug 2022 16:34  
 Operator : YP\AJ  
 Sample : N3980-01  
 Misc : AR1248 LOD 25 PPB  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 10 01:42:53 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP080622.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Aug 09 11:38:04 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

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... | 4.348  | 3.594 | 27773314 | 52408107 | 17.254 | 16.732   |
| 2)                          | SA Decachlor... | 10.096 | 8.558 | 31049100 | 26719004 | 17.633 | 17.360   |
| Target Compounds            |                 |        |       |          |          |        |          |
| 3)                          | L1 AR-1016-1    | 0.000  | 4.667 | 0        | 1425612  | N.D.   | 14.025 # |
| 4)                          | L1 AR-1016-2    | 0.000  | 4.685 | 0        | 1427393  | N.D.   | 9.868 #  |
| 5)                          | L1 AR-1016-3    | 0.000  | 4.859 | 0        | 827920   | N.D.   | 10.910 # |
| 6)                          | L1 AR-1016-4    | 0.000  | 4.900 | 0        | 1837533  | N.D.   | 31.537 # |
| 7)                          | L1 AR-1016-5    | 6.003  | 5.112 | 1057685  | 2824309  | 23.672 | 36.965 # |
| 9)                          | L2 AR-1221-2    | 0.000  | 3.890 | 0        | 718197   | N.D.   | 25.151 # |
| 12)                         | L3 AR-1232-2    | 0.000  | 4.685 | 0        | 1427393  | N.D.   | 22.202 # |
| 13)                         | L3 AR-1232-3    | 0.000  | 4.859 | 0        | 827920   | N.D.   | 24.684 # |
| 14)                         | L3 AR-1232-4    | 0.000  | 4.942 | 0        | 1866875  | N.D.   | 63.370 # |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.112 | 0        | 2824309  | N.D.   | 85.766 # |
| 16)                         | L4 AR-1242-1    | 0.000  | 4.667 | 0        | 1425612  | N.D.   | 17.197 # |
| 17)                         | L4 AR-1242-2    | 0.000  | 4.685 | 0        | 1427393  | N.D.   | 12.223 # |
| 18)                         | L4 AR-1242-3    | 0.000  | 4.859 | 0        | 827920   | N.D.   | 13.501 # |
| 19)                         | L4 AR-1242-4    | 0.000  | 4.942 | 0        | 1866875  | N.D.   | 31.891 # |
| 20)                         | L4 AR-1242-5    | 6.450  | 5.461 | 1531798  | 3557080  | 36.297 | 51.174 # |
| 21)                         | L5 AR-1248-1    | 0.000  | 4.667 | 0        | 1425612  | N.D.   | 21.331 # |
| 22)                         | L5 AR-1248-2    | 0.000  | 4.900 | 0        | 1837533  | N.D.   | 21.272 # |
| 23)                         | L5 AR-1248-3    | 6.003  | 4.942 | 1057685  | 1866875  | 16.534 | 20.593   |
| 24)                         | L5 AR-1248-4    | 6.410  | 5.112 | 1690166  | 2824309  | 21.367 | 26.796 # |
| 25)                         | L5 AR-1248-5    | 6.450  | 5.502 | 1531798  | 2868021  | 20.178 | 28.886 # |
| 26)                         | L6 AR-1254-1    | 6.383  | 5.461 | 1400978  | 3557080  | 18.936 | 25.028 # |
| 27)                         | L6 AR-1254-2    | 6.607  | 5.607 | 1529096  | 996313   | 13.162 | 8.419 #  |
| 28)                         | L6 AR-1254-3    | 0.000  | 6.010 | 0        | 1352796  | N.D.   | 7.862 #  |
| 29)                         | L6 AR-1254-4    | 0.000  | 6.237 | 0        | 789673   | N.D.   | 7.485 #  |
| 30)                         | L6 AR-1254-5    | 0.000  | 6.655 | 0        | 180197   | N.D.   | 1.353 #  |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.127 | 0        | 81806    | N.D.   | 0.722 #  |
| 32)                         | L7 AR-1260-2    | 0.000  | 6.317 | 0        | 348548   | N.D.   | 2.595 #  |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.472 | 0        | 89315    | N.D.   | 1.231 #  |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.472 | 0        | 89315    | N.D.   | 0.406 #  |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.303 | 0        | 25809    | N.D.   | 0.047 #  |
| -----                       |                 |        |       |          |          |        |          |

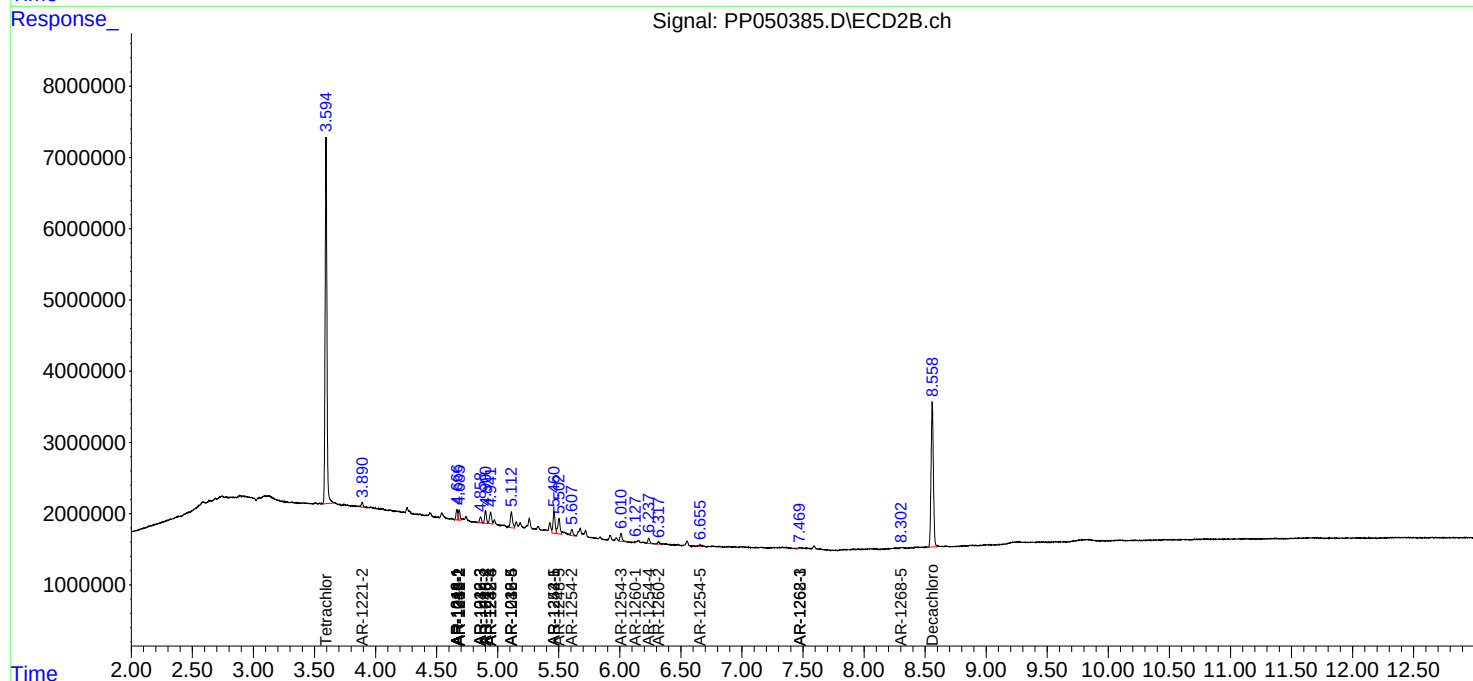
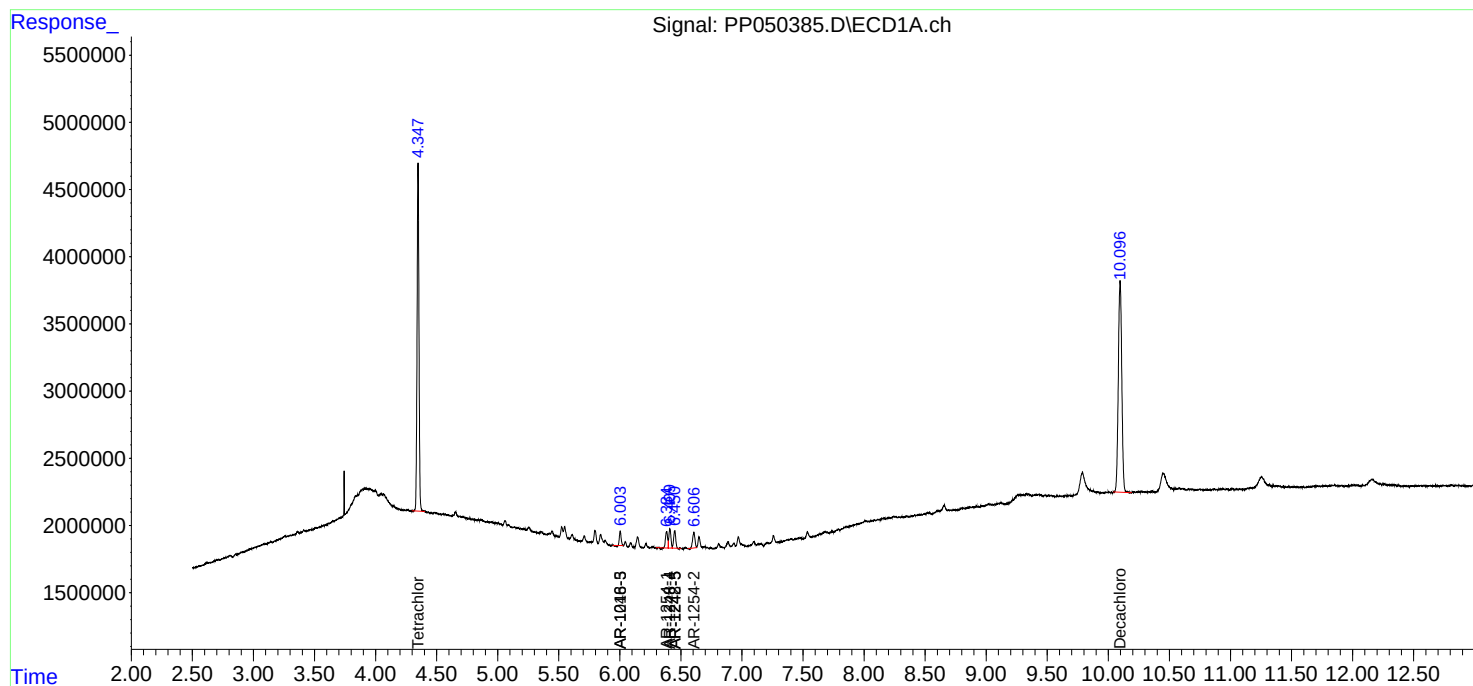
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

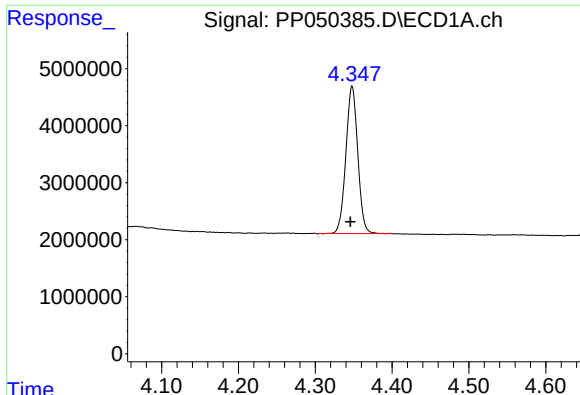
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP080922\  
Data File : PP050385.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Aug 2022 16:34  
Operator : YP\AJ  
Sample : N3980-01  
Misc : AR1248 LOD 25 PPB  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 10 01:42:53 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP080622.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Aug 09 11:38:04 2022  
Response via : Initial Calibration  
Integrator: ChemStation

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

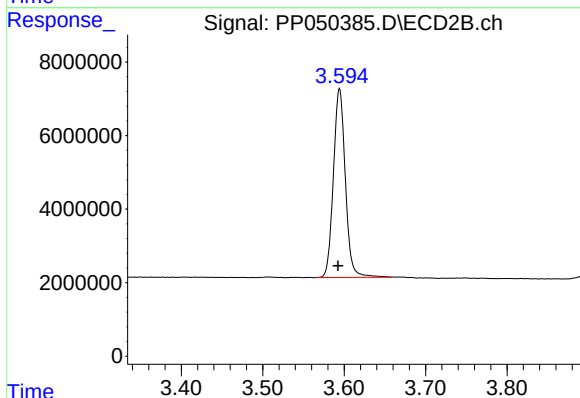




#1 Tetrachloro-m-xylene

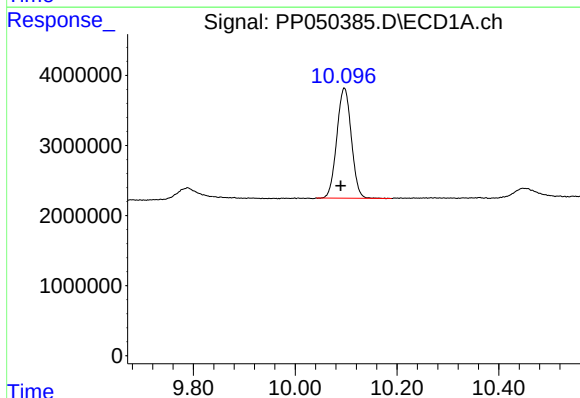
R.T.: 4.348 min  
Delta R.T.: 0.002 min  
Response: 27773314  
Conc: 17.25 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



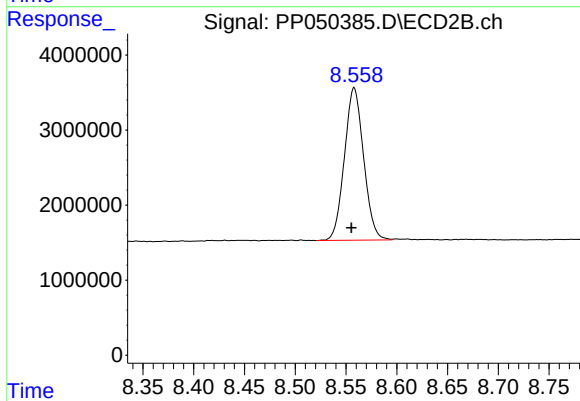
#1 Tetrachloro-m-xylene

R.T.: 3.594 min  
Delta R.T.: 0.002 min  
Response: 52408107  
Conc: 16.73 ng/ml



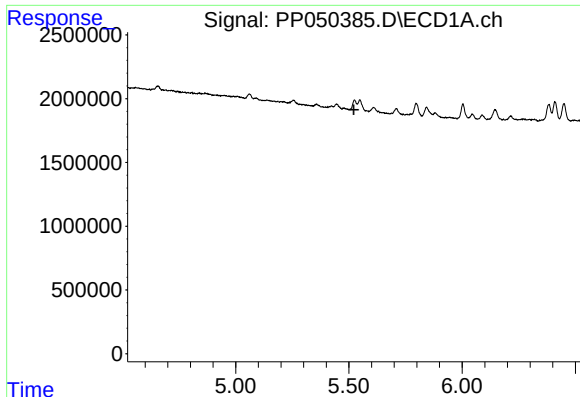
#2 Decachlorobiphenyl

R.T.: 10.096 min  
Delta R.T.: 0.007 min  
Response: 31049100  
Conc: 17.63 ng/ml



#2 Decachlorobiphenyl

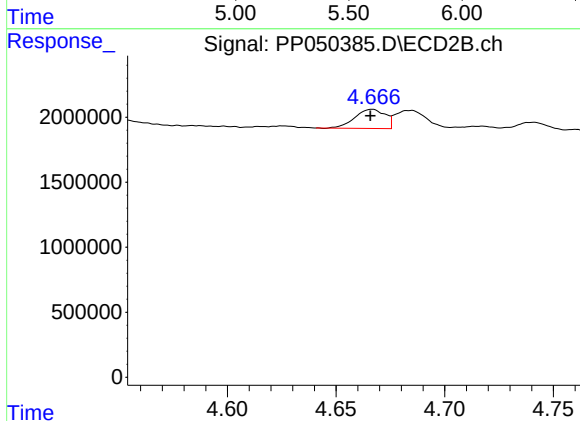
R.T.: 8.558 min  
Delta R.T.: 0.003 min  
Response: 26719004  
Conc: 17.36 ng/ml



#3 AR-1016-1

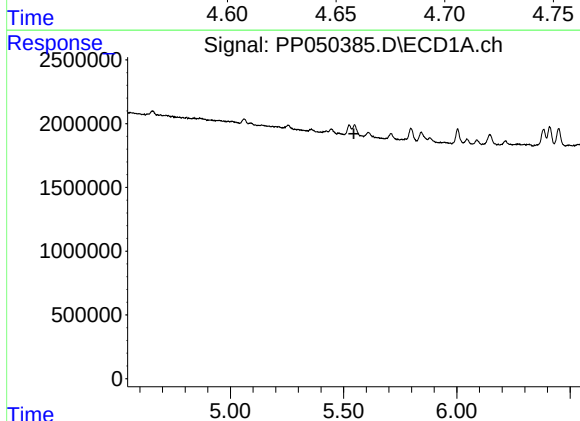
R.T.: 0.000 min  
Exp R.T.: 5.522 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



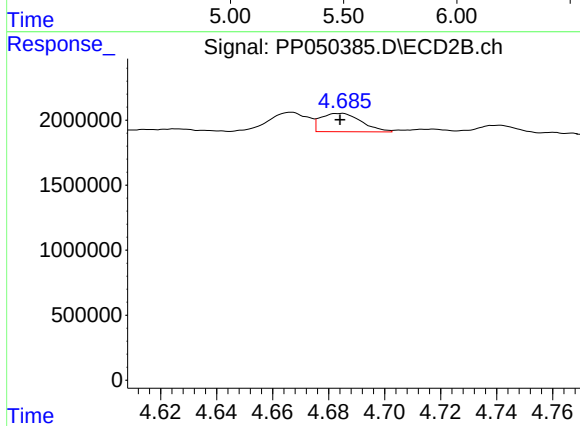
#3 AR-1016-1

R.T.: 4.667 min  
Delta R.T.: 0.001 min  
Response: 1425612  
Conc: 14.03 ng/ml



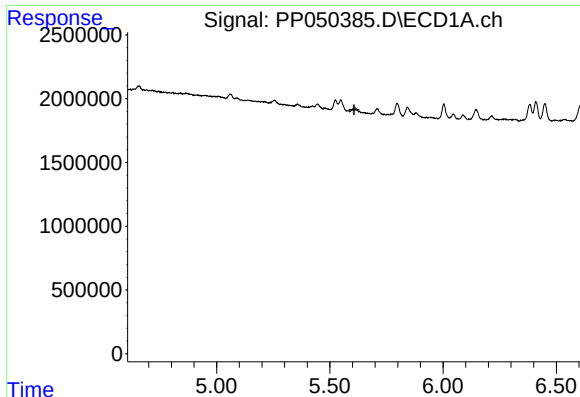
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.545 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

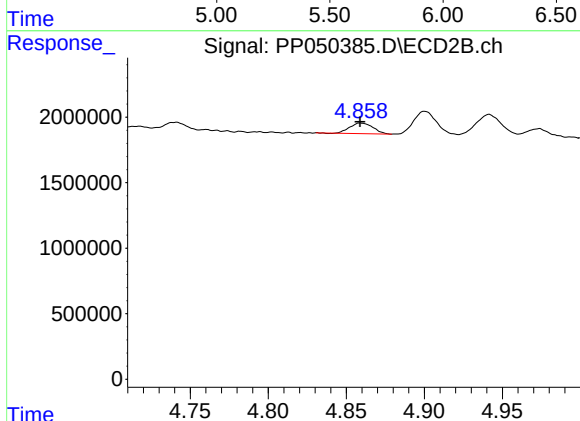
R.T.: 4.685 min  
Delta R.T.: 0.000 min  
Response: 1427393  
Conc: 9.87 ng/ml



#5 AR-1016-3

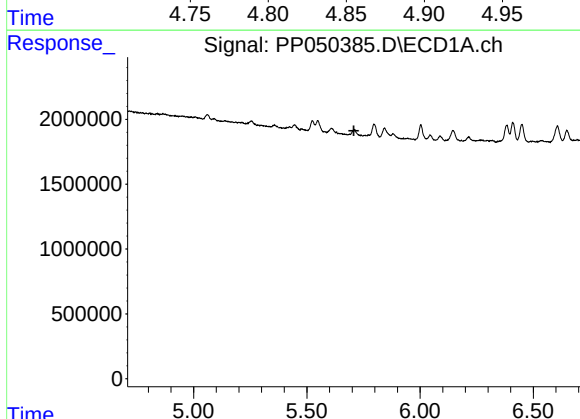
R.T.: 0.000 min  
Exp R.T.: 5.606 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



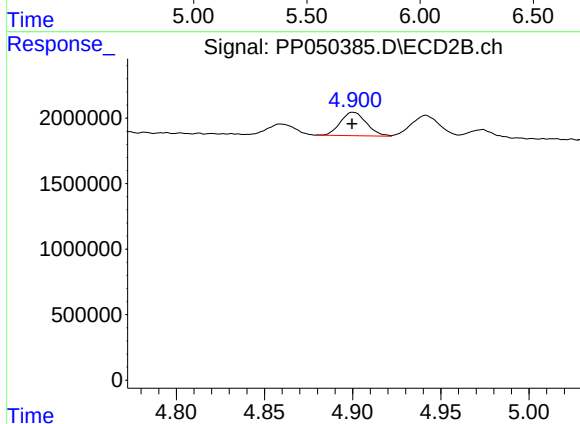
#5 AR-1016-3

R.T.: 4.859 min  
Delta R.T.: 0.000 min  
Response: 827920  
Conc: 10.91 ng/ml



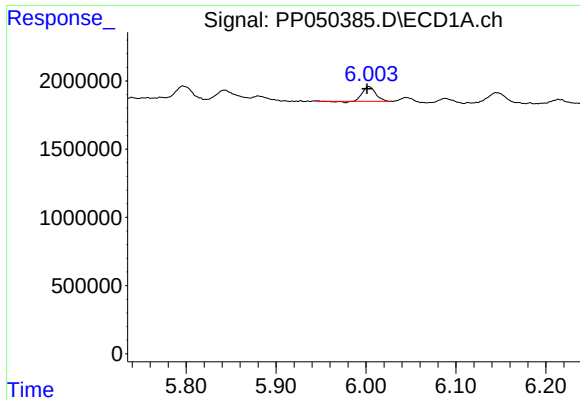
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.707 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

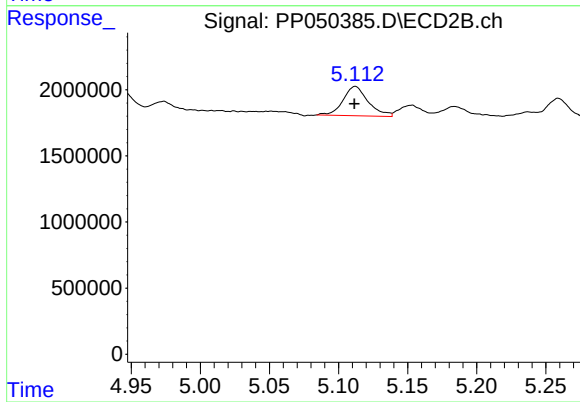
R.T.: 4.900 min  
Delta R.T.: 0.000 min  
Response: 1837533  
Conc: 31.54 ng/ml



#7 AR-1016-5

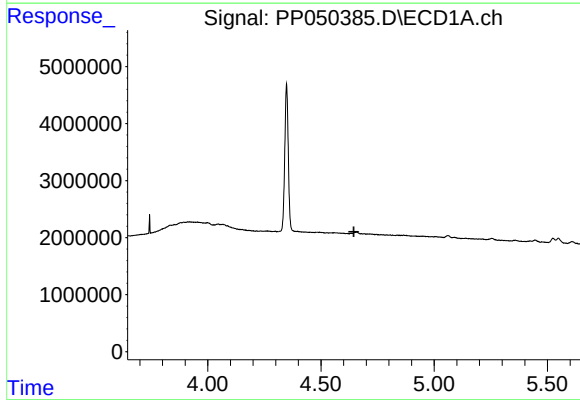
R.T.: 6.003 min  
Delta R.T.: 0.002 min  
Response: 1057685  
Conc: 23.67 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



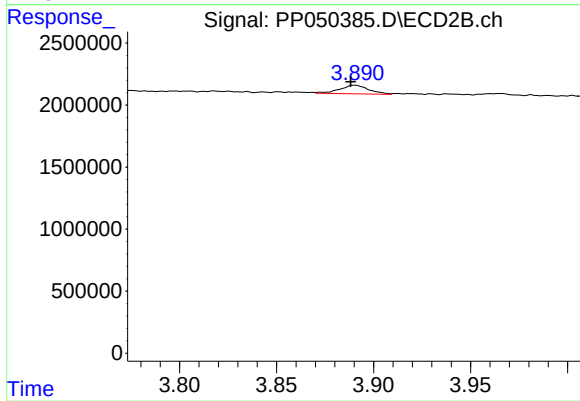
#7 AR-1016-5

R.T.: 5.112 min  
Delta R.T.: 0.000 min  
Response: 2824309  
Conc: 36.96 ng/ml



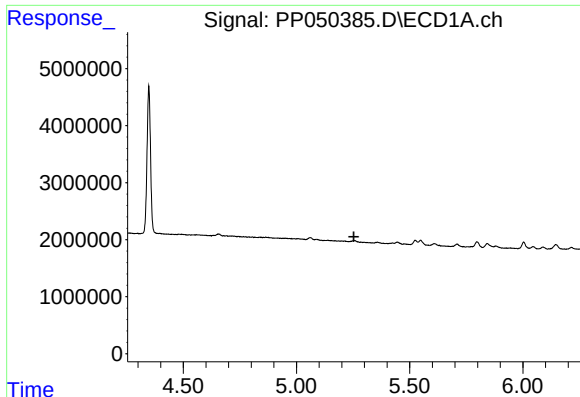
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T. : 4.646 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

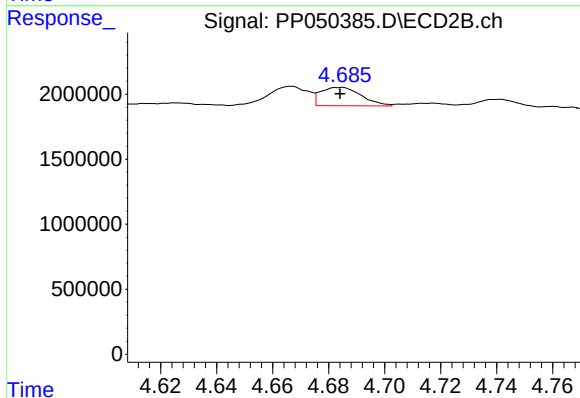
R.T.: 3.890 min  
Delta R.T.: 0.002 min  
Response: 718197  
Conc: 25.15 ng/ml



#12 AR-1232-2

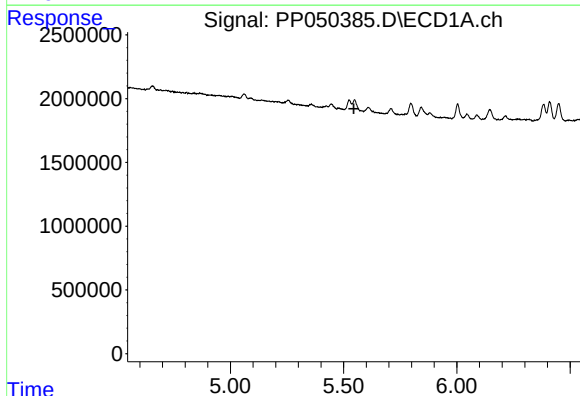
R.T.: 0.000 min  
Exp R.T. : 5.254 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



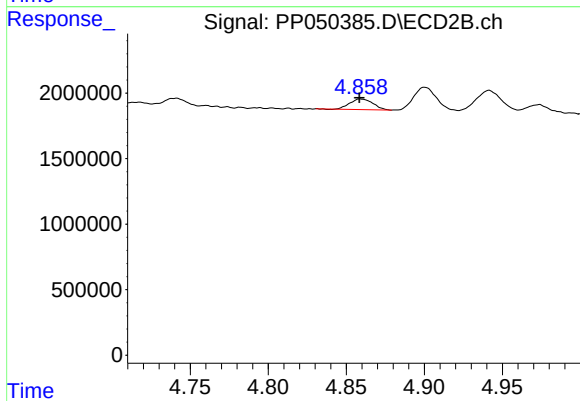
#12 AR-1232-2

R.T.: 4.685 min  
Delta R.T.: 0.000 min  
Response: 1427393  
Conc: 22.20 ng/ml



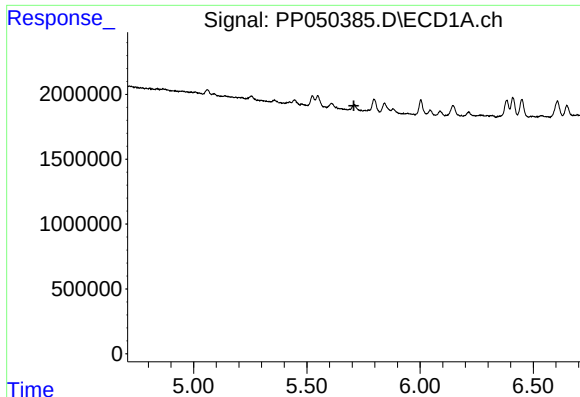
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.545 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

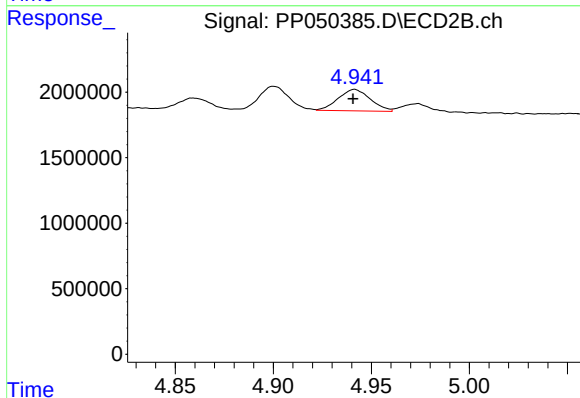
R.T.: 4.859 min  
Delta R.T.: 0.000 min  
Response: 827920  
Conc: 24.68 ng/ml



#14 AR-1232-4

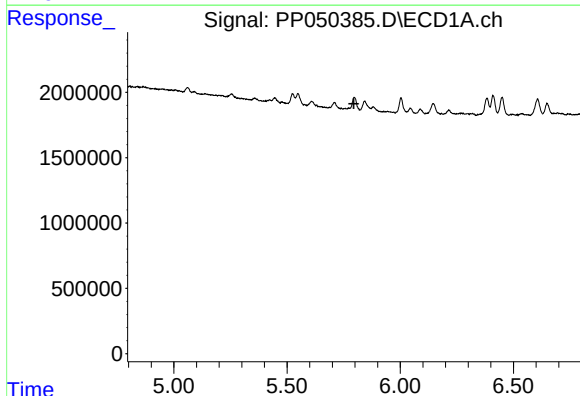
R.T.: 0.000 min  
Exp R.T.: 5.708 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



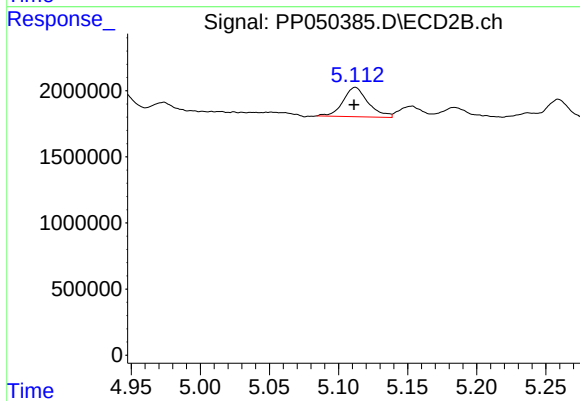
#14 AR-1232-4

R.T.: 4.942 min  
Delta R.T.: 0.000 min  
Response: 1866875  
Conc: 63.37 ng/ml



#15 AR-1232-5

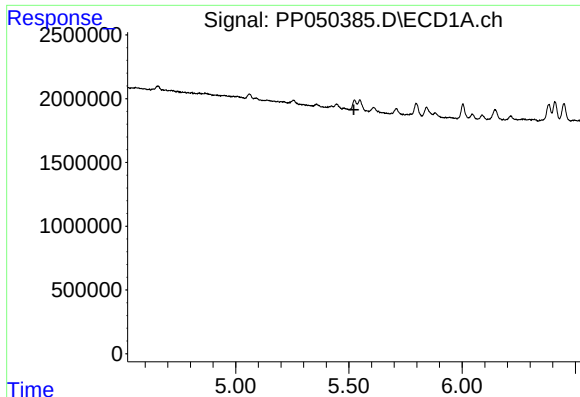
R.T.: 0.000 min  
Exp R.T.: 5.795 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

R.T.: 5.112 min  
Delta R.T.: 0.000 min  
Response: 2824309  
Conc: 85.77 ng/ml

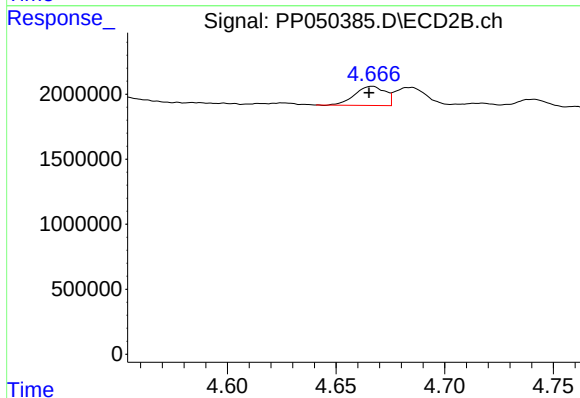




#16 AR-1242-1

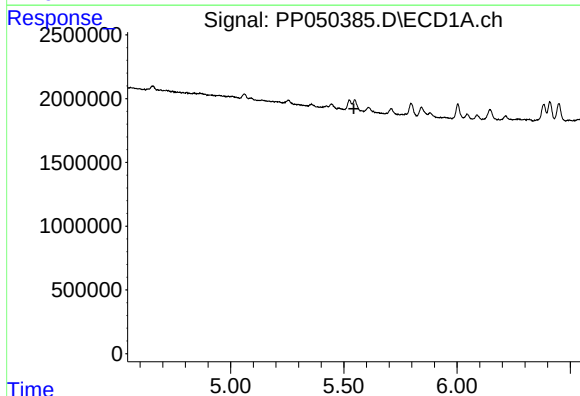
R.T.: 0.000 min  
Exp R.T.: 5.522 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



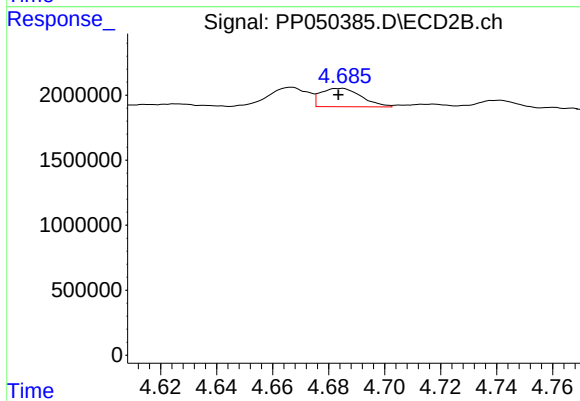
#16 AR-1242-1

R.T.: 4.667 min  
Delta R.T.: 0.002 min  
Response: 1425612  
Conc: 17.20 ng/ml



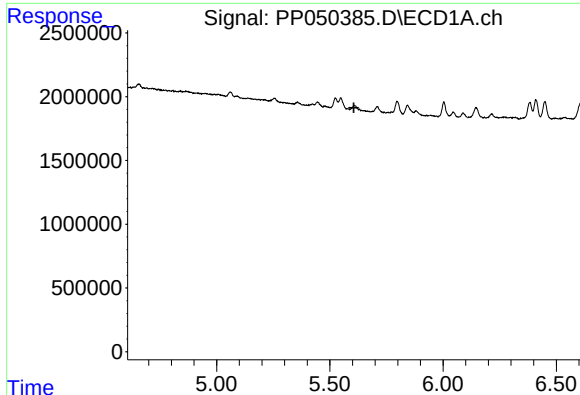
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T.: 5.545 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

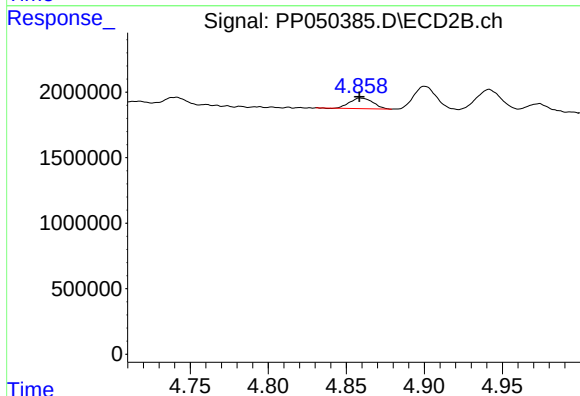
R.T.: 4.685 min  
Delta R.T.: 0.001 min  
Response: 1427393  
Conc: 12.22 ng/ml



#18 AR-1242-3

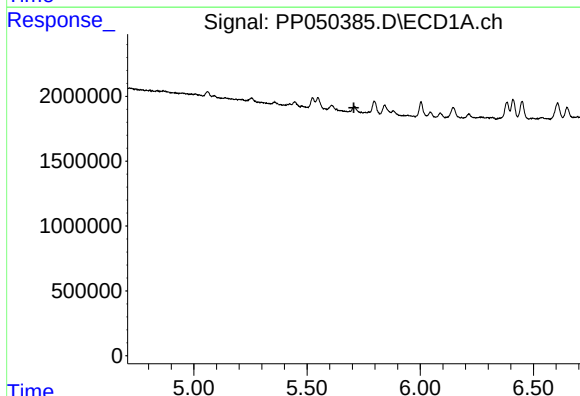
R.T.: 0.000 min  
Exp R.T.: 5.606 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



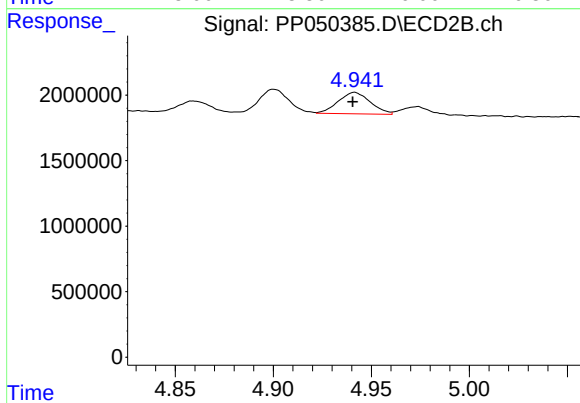
#18 AR-1242-3

R.T.: 4.859 min  
Delta R.T.: 0.000 min  
Response: 827920  
Conc: 13.50 ng/ml



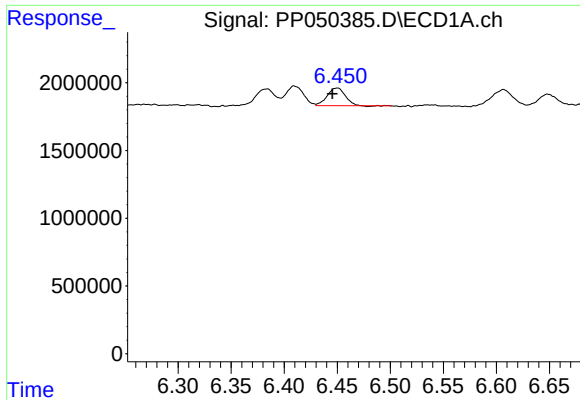
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 5.707 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

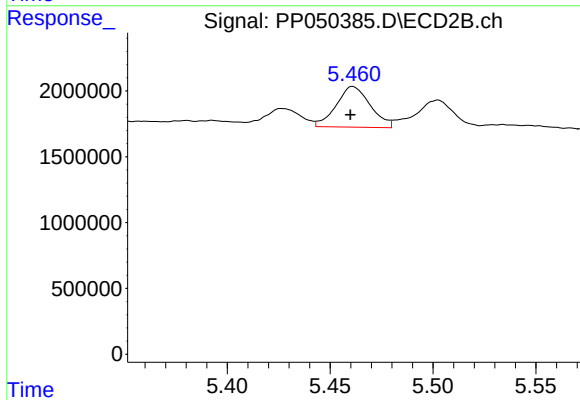
R.T.: 4.942 min  
Delta R.T.: 0.001 min  
Response: 1866875  
Conc: 31.89 ng/ml



#20 AR-1242-5

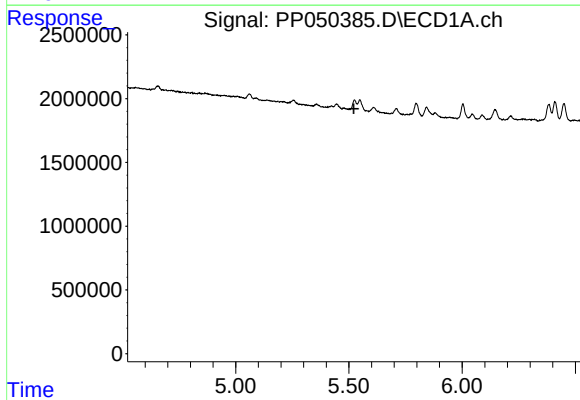
R.T.: 6.450 min  
Delta R.T.: 0.004 min  
Response: 1531798  
Conc: 36.30 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



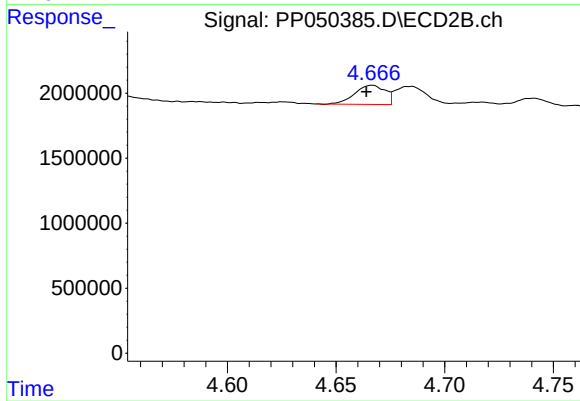
#20 AR-1242-5

R.T.: 5.461 min  
Delta R.T.: 0.001 min  
Response: 3557080  
Conc: 51.17 ng/ml



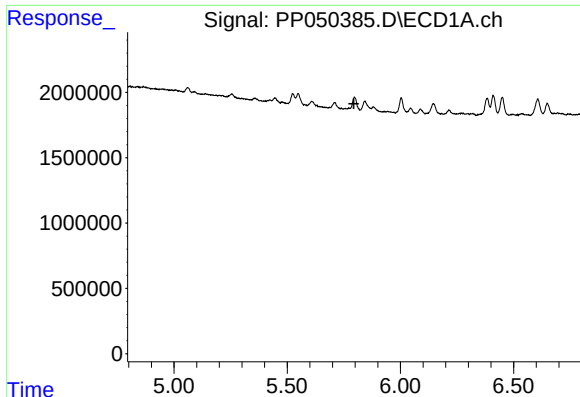
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 5.522 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

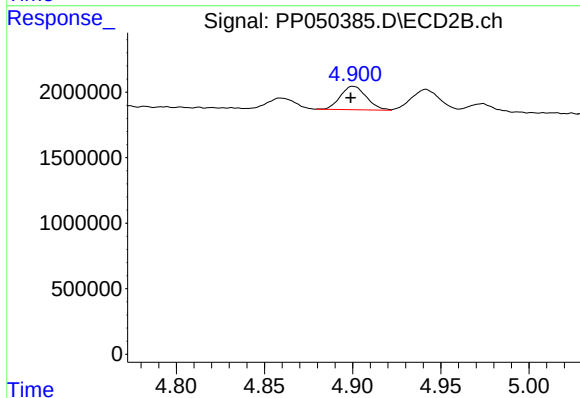
R.T.: 4.667 min  
Delta R.T.: 0.003 min  
Response: 1425612  
Conc: 21.33 ng/ml



#22 AR-1248-2

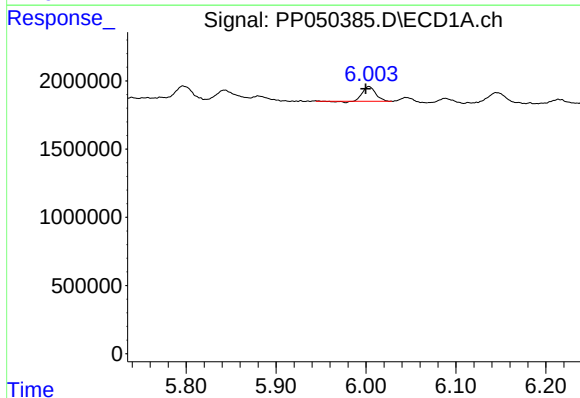
R.T.: 0.000 min  
Exp R.T.: 5.794 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



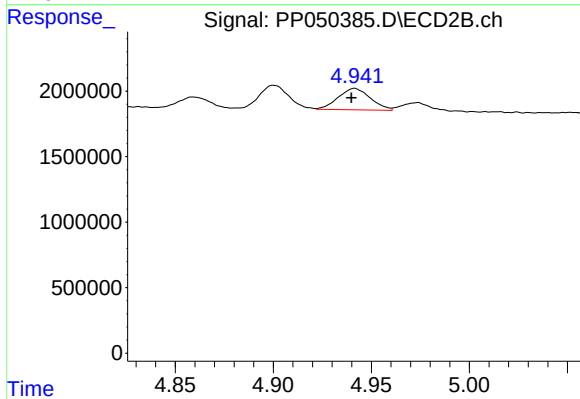
#22 AR-1248-2

R.T.: 4.900 min  
Delta R.T.: 0.001 min  
Response: 1837533  
Conc: 21.27 ng/ml



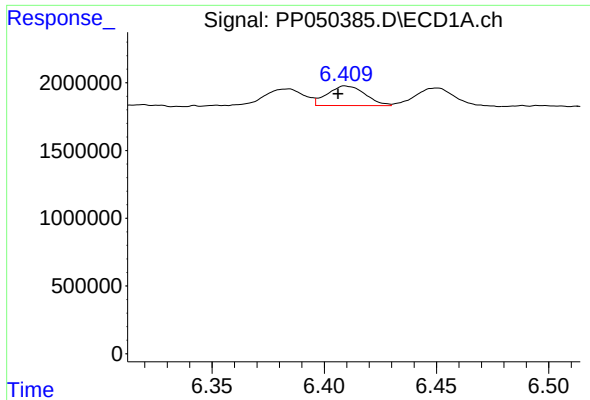
#23 AR-1248-3

R.T.: 6.003 min  
Delta R.T.: 0.004 min  
Response: 1057685  
Conc: 16.53 ng/ml



#23 AR-1248-3

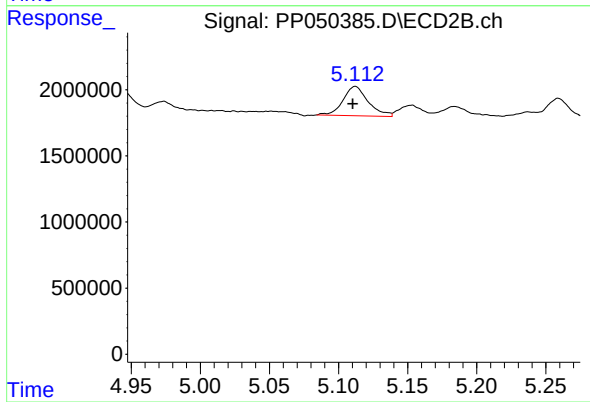
R.T.: 4.942 min  
Delta R.T.: 0.002 min  
Response: 1866875  
Conc: 20.59 ng/ml



#24 AR-1248-4

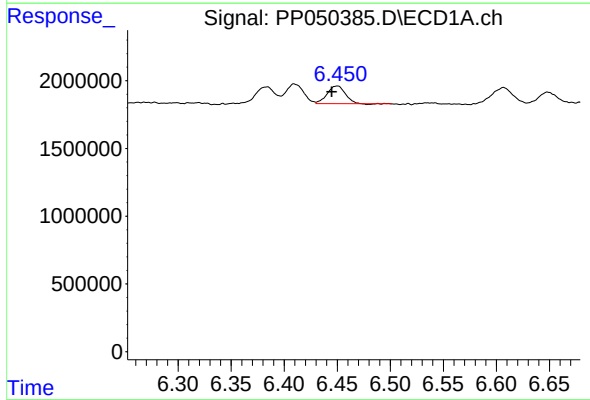
R.T.: 6.410 min  
Delta R.T.: 0.004 min  
Response: 1690166  
Conc: 21.37 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



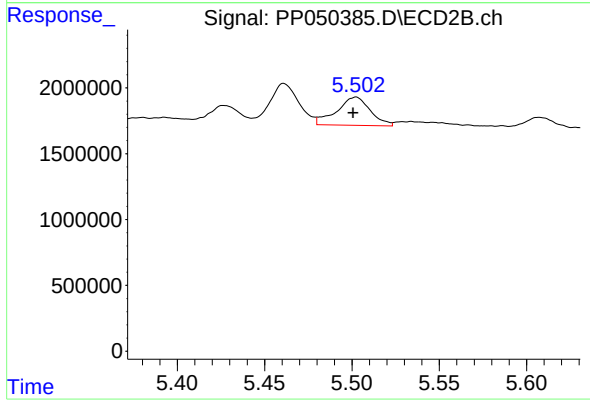
#24 AR-1248-4

R.T.: 5.112 min  
Delta R.T.: 0.002 min  
Response: 2824309  
Conc: 26.80 ng/ml



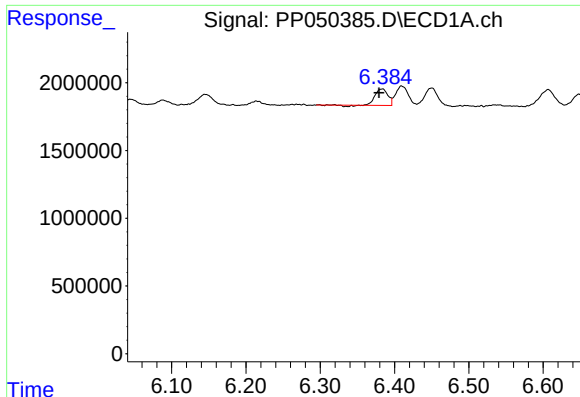
#25 AR-1248-5

R.T.: 6.450 min  
Delta R.T.: 0.005 min  
Response: 1531798  
Conc: 20.18 ng/ml



#25 AR-1248-5

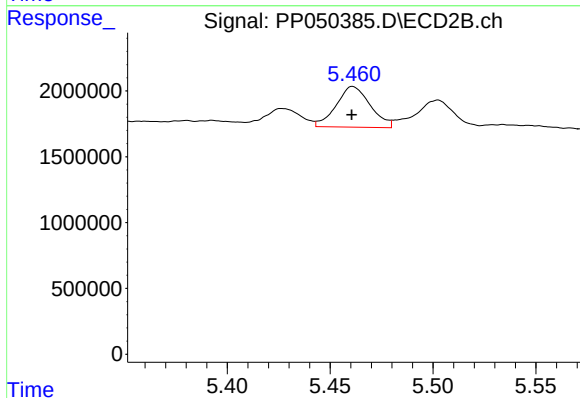
R.T.: 5.502 min  
Delta R.T.: 0.002 min  
Response: 2868021  
Conc: 28.89 ng/ml



#26 AR-1254-1

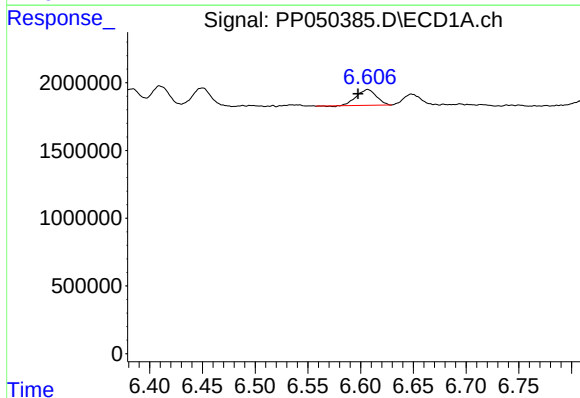
R.T.: 6.383 min  
Delta R.T.: 0.004 min  
Response: 1400978  
Conc: 18.94 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



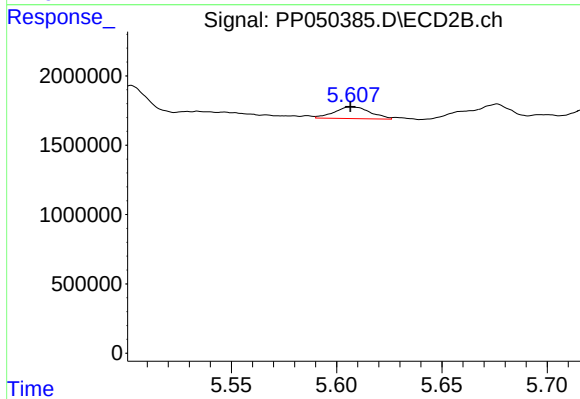
#26 AR-1254-1

R.T.: 5.461 min  
Delta R.T.: 0.000 min  
Response: 3557080  
Conc: 25.03 ng/ml



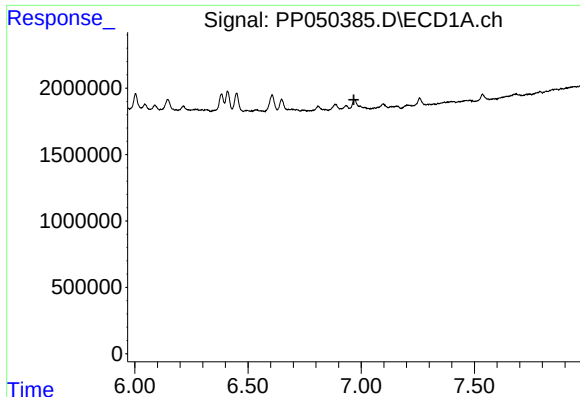
#27 AR-1254-2

R.T.: 6.607 min  
Delta R.T.: 0.009 min  
Response: 1529096  
Conc: 13.16 ng/ml



#27 AR-1254-2

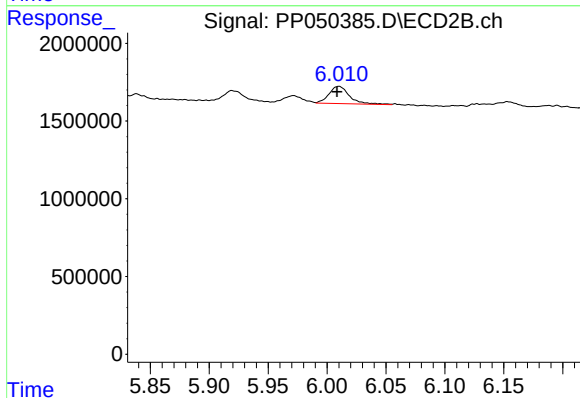
R.T.: 5.607 min  
Delta R.T.: 0.000 min  
Response: 996313  
Conc: 8.42 ng/ml



#28 AR-1254-3

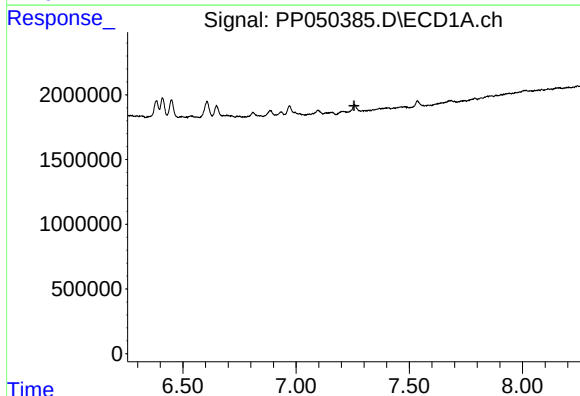
R.T.: 0.000 min  
Exp R.T.: 6.968 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



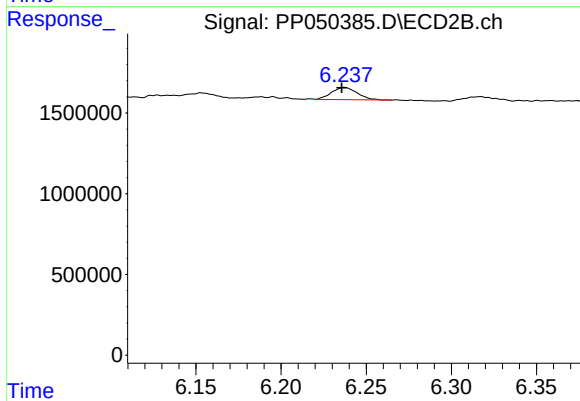
#28 AR-1254-3

R.T.: 6.010 min  
Delta R.T.: 0.002 min  
Response: 1352796  
Conc: 7.86 ng/ml



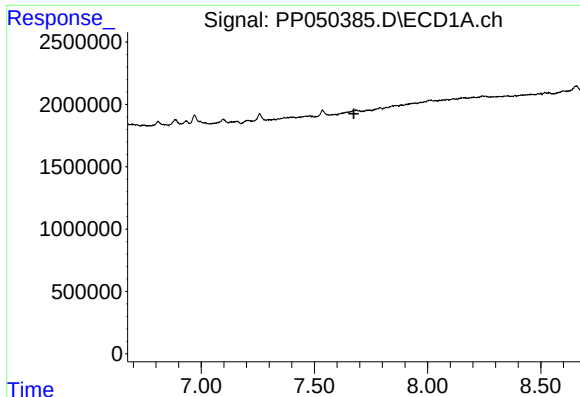
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T.: 7.256 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

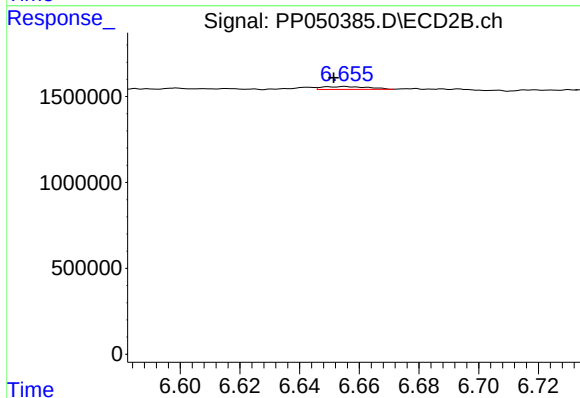
R.T.: 6.237 min  
Delta R.T.: 0.002 min  
Response: 789673  
Conc: 7.48 ng/ml



#30 AR-1254-5

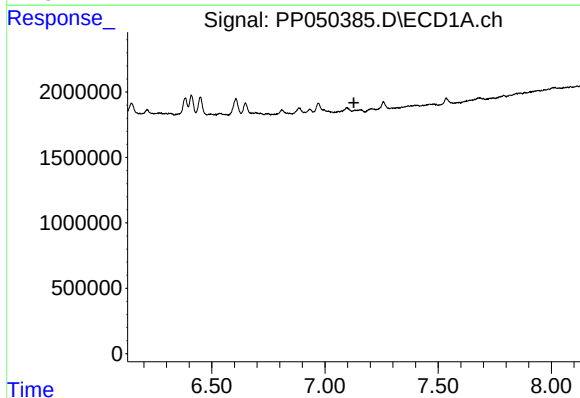
R.T.: 0.000 min  
Exp R.T.: 7.674 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



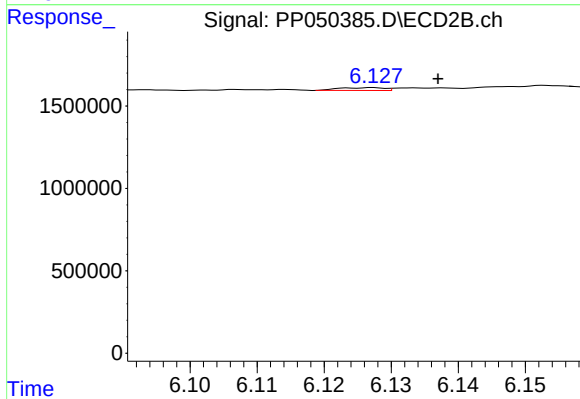
#30 AR-1254-5

R.T.: 6.655 min  
Delta R.T.: 0.004 min  
Response: 180197  
Conc: 1.35 ng/ml



#31 AR-1260-1

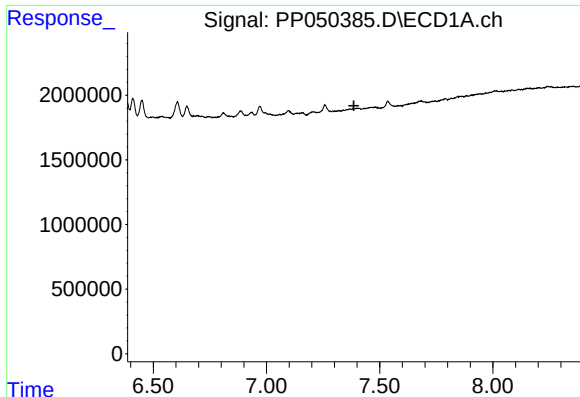
R.T.: 0.000 min  
Exp R.T.: 7.128 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

R.T.: 6.127 min  
Delta R.T.: -0.010 min  
Response: 81806  
Conc: 0.72 ng/ml

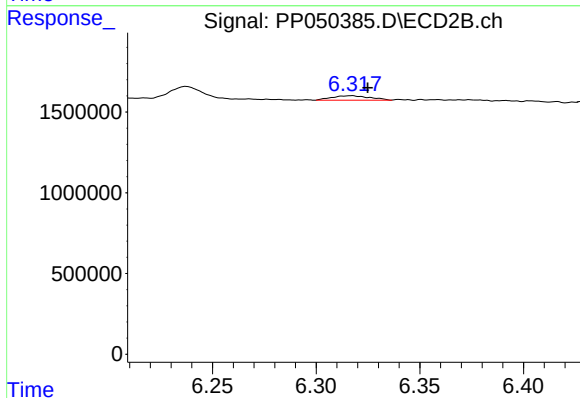




#32 AR-1260-2

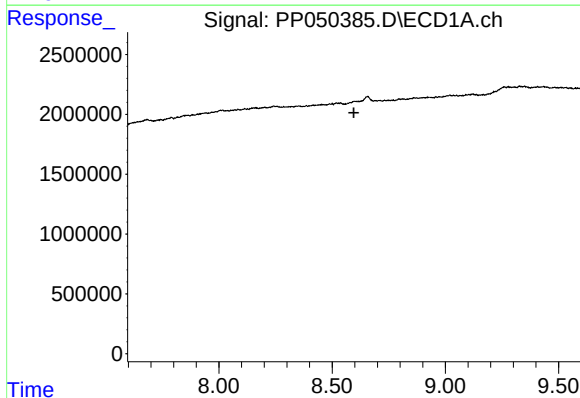
R.T.: 0.000 min  
Exp R.T.: 7.386 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



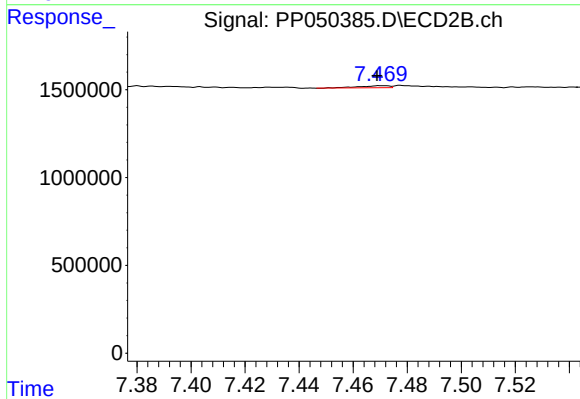
#32 AR-1260-2

R.T.: 6.317 min  
Delta R.T.: -0.007 min  
Response: 348548  
Conc: 2.59 ng/ml



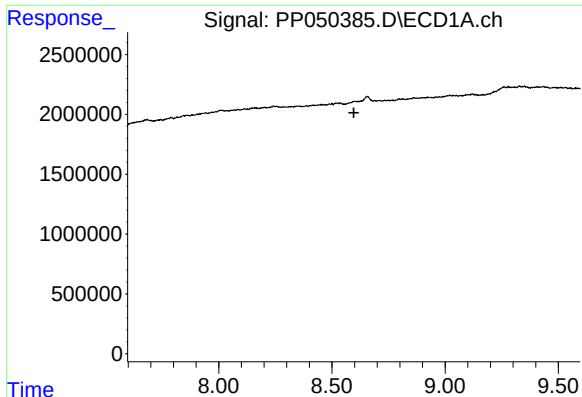
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T.: 8.596 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

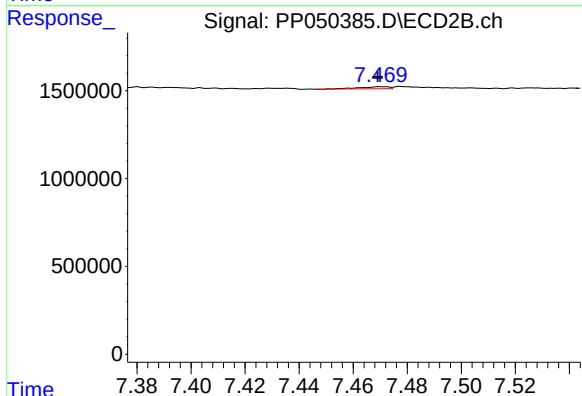
R.T.: 7.472 min  
Delta R.T.: 0.003 min  
Response: 89315  
Conc: 1.23 ng/ml



#41 AR-1268-1

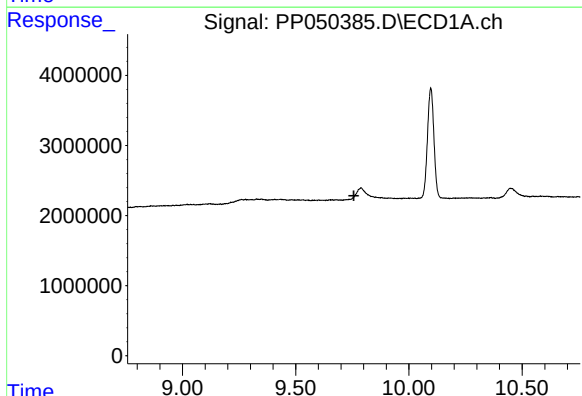
R.T.: 0.000 min  
Exp R.T.: 8.597 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



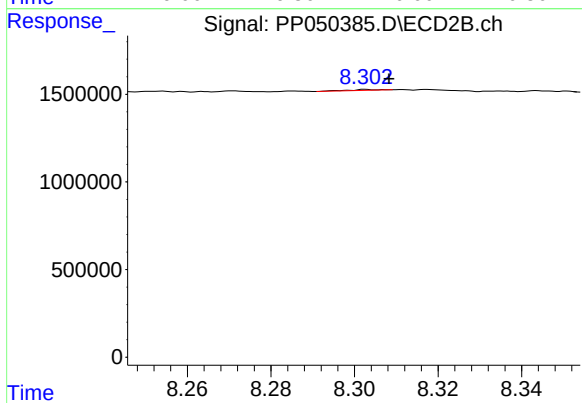
#41 AR-1268-1

R.T.: 7.472 min  
Delta R.T.: 0.003 min  
Response: 89315  
Conc: 0.41 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 9.757 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 8.303 min  
Delta R.T.: -0.006 min  
Response: 25809  
Conc: 0.05 ng/ml