

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP013122\  
 Data File : PP043345.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 31 Jan 2022 11:29  
 Operator : AJ\MA  
 Sample : AR1254CCC500  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 01 00:15:41 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP012422.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Jan 25 03:09:04 2022  
 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... | 4.865  | 4.032 | 1137828 | 1156051 | 49.501   | 51.882     |
| 2)                          | SA Decachlor... | 10.781 | 9.356 | 711261  | 939626  | 50.218   | 50.401     |
| Target Compounds            |                 |        |       |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 0.000  | 5.295 | 0       | 12645   | N.D.     | 13.944 #   |
| 4)                          | L1 AR-1016-2    | 0.000  | 5.315 | 0       | 9590    | N.D.     | 7.435 #    |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.559 | 0       | 285841  | N.D.     | 517.960 #  |
| 7)                          | L1 AR-1016-5    | 6.676  | 5.790 | 119670  | 166456  | 238.344  | 248.694    |
| 9)                          | L2 AR-1221-2    | 5.212  | 4.388 | 15905   | 18152   | 82.944   | 75.484     |
| 12)                         | L3 AR-1232-2    | 0.000  | 5.315 | 0       | 9590    | N.D.     | 16.746 #   |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.602 | 0       | 87911   | N.D.     | 364.214 #  |
| 15)                         | L3 AR-1232-5    | 6.462  | 5.790 | 206374  | 166456  | 1489.138 | 603.062 #  |
| 16)                         | L4 AR-1242-1    | 0.000  | 5.295 | 0       | 12645   | N.D.     | 17.103 #   |
| 17)                         | L4 AR-1242-2    | 0.000  | 5.315 | 0       | 9590    | N.D.     | 9.240 #    |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.602 | 0       | 87911   | N.D.     | 175.860 #  |
| 20)                         | L4 AR-1242-5    | 7.143  | 6.170 | 103613  | 677443  | 283.917  | 1059.575 # |
| 21)                         | L5 AR-1248-1    | 0.000  | 5.295 | 0       | 12645   | N.D.     | 23.101 #   |
| 22)                         | L5 AR-1248-2    | 6.462  | 5.559 | 206374  | 285841  | 379.258  | 375.595    |
| 23)                         | L5 AR-1248-3    | 6.676  | 5.602 | 119670  | 87911   | 184.182  | 115.135 #  |
| 24)                         | L5 AR-1248-4    | 7.100  | 5.790 | 164797  | 166456  | 264.961  | 181.599 #  |
| 25)                         | L5 AR-1248-5    | 7.143  | 6.214 | 103613  | 89678   | 170.438  | 101.513 #  |
| 26)                         | L6 AR-1254-1    | 7.073  | 6.170 | 373906  | 677443  | 522.452  | 477.743    |
| 27)                         | L6 AR-1254-2    | 7.301  | 6.329 | 539364  | 594698  | 512.965  | 480.984    |
| 28)                         | L6 AR-1254-3    | 7.679  | 6.752 | 586332  | 922844  | 545.166  | 480.205    |
| 29)                         | L6 AR-1254-4    | 7.973  | 6.992 | 389738  | 557611  | 552.903  | 504.401    |
| 30)                         | L6 AR-1254-5    | 8.401  | 7.423 | 443085  | 772807  | 548.556  | 500.279    |
| 31)                         | L7 AR-1260-1    | 7.849  | 6.889 | 228841  | 462901  | 296.465  | 395.697 #  |
| 32)                         | L7 AR-1260-2    | 8.112  | 7.085 | 245236  | 370540  | 288.048  | 281.708    |
| 33)                         | L7 AR-1260-3    | 8.460f | 7.241 | 52003   | 351177  | 78.852   | 282.113 #  |
| 34)                         | L7 AR-1260-4    | 8.693f | 7.726 | 167475  | 39074   | 219.040  | 39.835 #   |
| 35)                         | L7 AR-1260-5    | 9.022  | 7.974 | 57733   | 86840   | 43.720   | 39.243     |
| 36)                         | L8 AR-1262-1    | 8.460f | 7.423 | 52003   | 772807  | 52.350   | 922.836 #  |
| 37)                         | L8 AR-1262-2    | 9.022  | 7.726 | 57733   | 39074   | 37.561   | 28.194     |
| 38)                         | L8 AR-1262-3    | 9.342  | 0.000 | 48652   | 0       | 43.917   | N.D. #     |
| 39)                         | L8 AR-1262-4    | 0.000  | 8.323 | 0       | 80780   | N.D.     | 42.921 #   |
| 41)                         | L9 AR-1268-1    | 9.342  | 0.000 | 48652   | 0       | 25.482   | N.D. #     |
| 42)                         | L9 AR-1268-2    | 0.000  | 8.323 | 0       | 80780   | N.D.     | 30.231 #   |
| -----                       |                 |        |       |         |         |          |            |

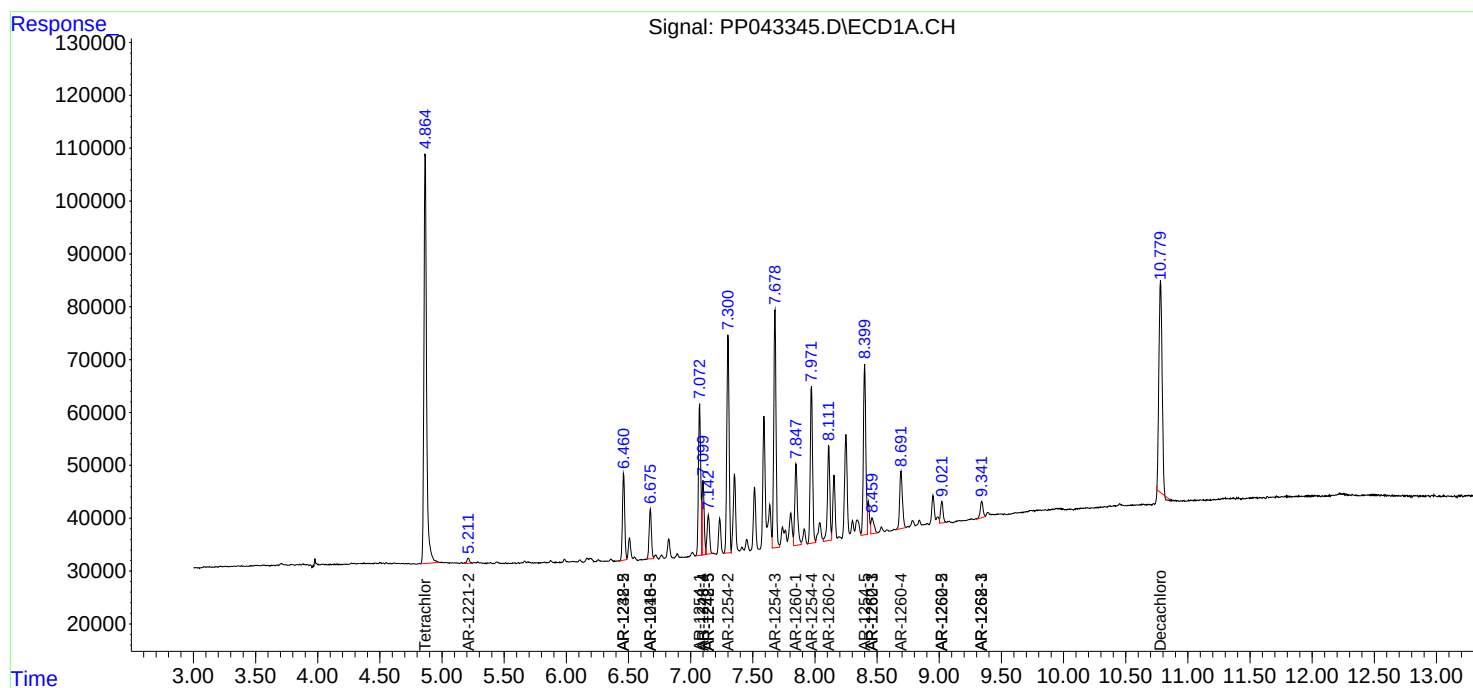
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

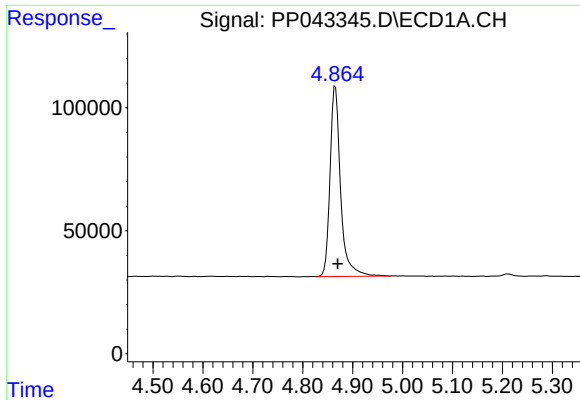
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP013122\  
Data File : PP043345.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 31 Jan 2022 11:29  
Operator : AJ\MA  
Sample : AR1254CCC500  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 01 00:15:41 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP012422.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Jan 25 03:09:04 2022  
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

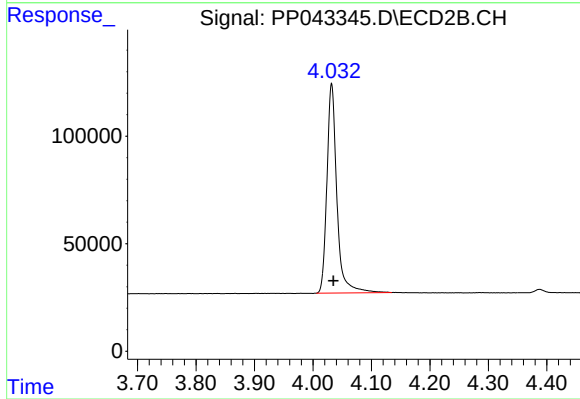




#1 Tetrachloro-m-xylene

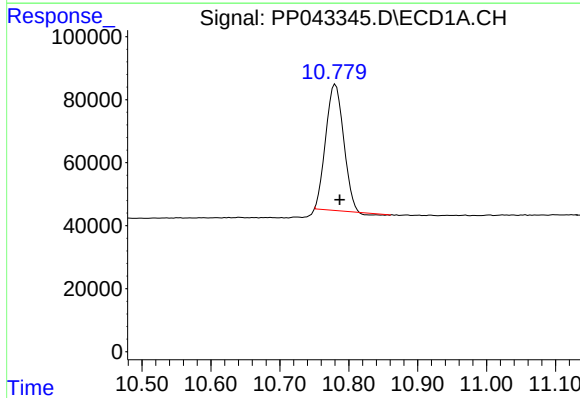
R.T.: 4.865 min  
Delta R.T.: -0.005 min  
Response: 1137828  
Conc: 49.50 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



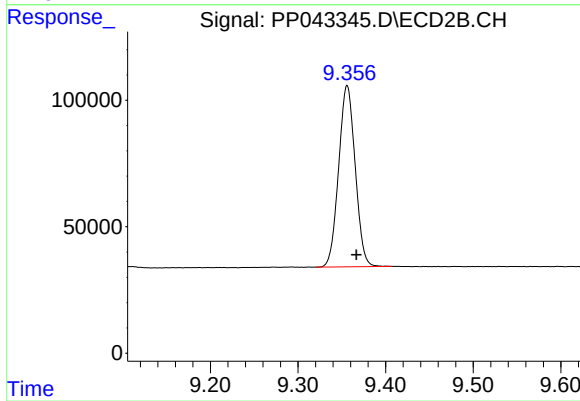
#1 Tetrachloro-m-xylene

R.T.: 4.032 min  
Delta R.T.: -0.003 min  
Response: 1156051  
Conc: 51.88 ng/ml



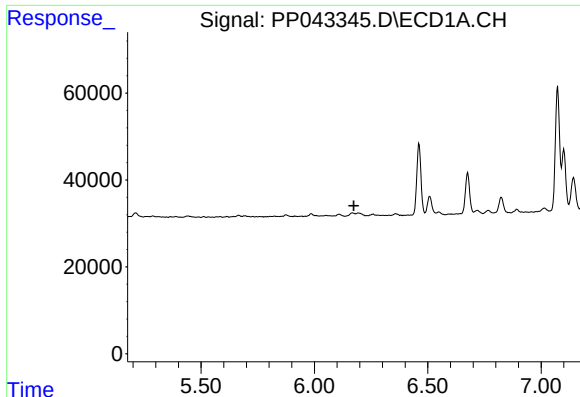
#2 Decachlorobiphenyl

R.T.: 10.781 min  
Delta R.T.: -0.006 min  
Response: 711261  
Conc: 50.22 ng/ml



#2 Decachlorobiphenyl

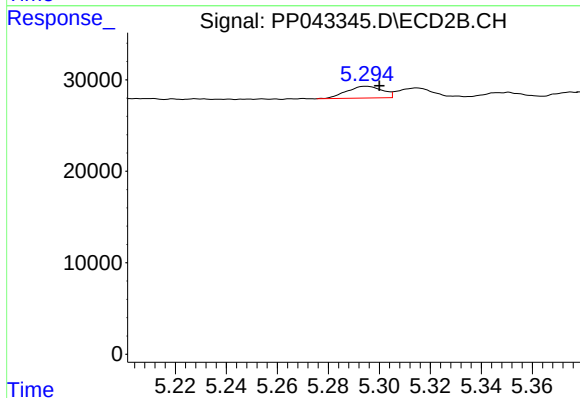
R.T.: 9.356 min  
Delta R.T.: -0.010 min  
Response: 939626  
Conc: 50.40 ng/ml



#3 AR-1016-1

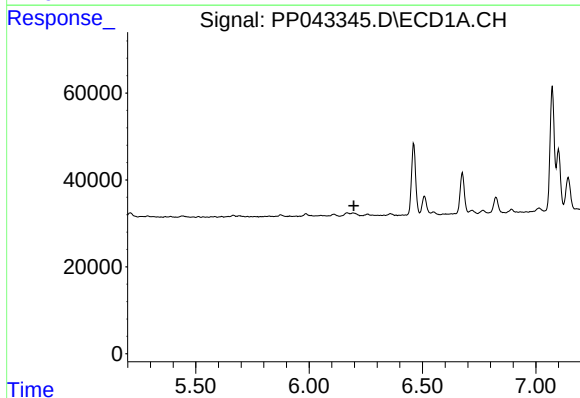
R.T.: 0.000 min  
Exp R.T.: 6.174 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



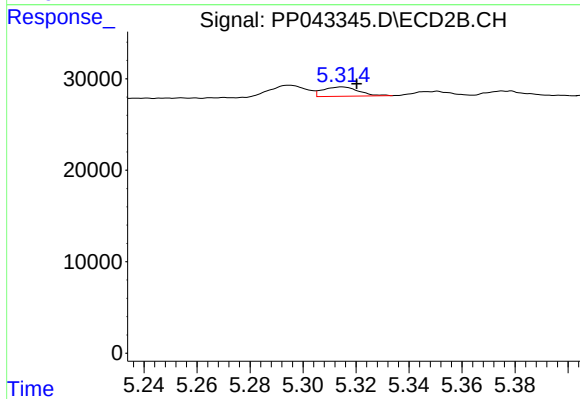
#3 AR-1016-1

R.T.: 5.295 min  
Delta R.T.: -0.005 min  
Response: 12645  
Conc: 13.94 ng/ml



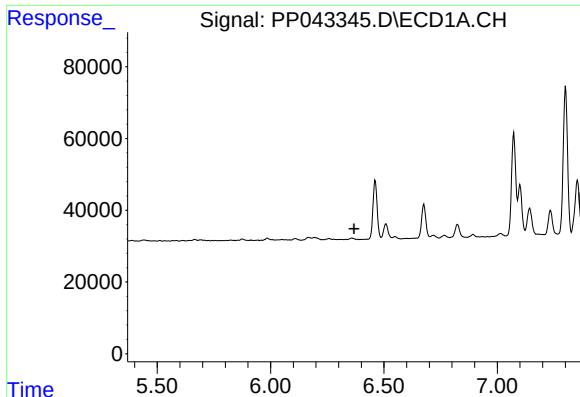
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 6.197 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

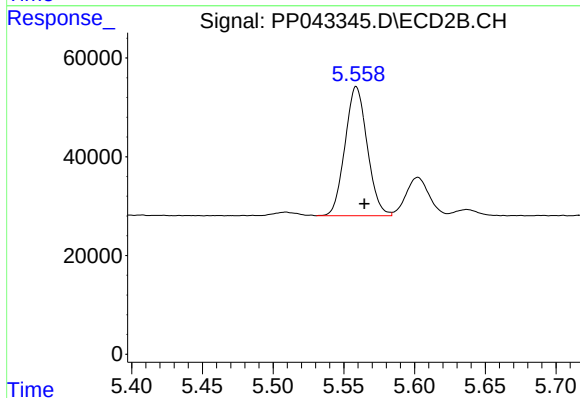
R.T.: 5.315 min  
Delta R.T.: -0.005 min  
Response: 9590  
Conc: 7.44 ng/ml



#6 AR-1016-4

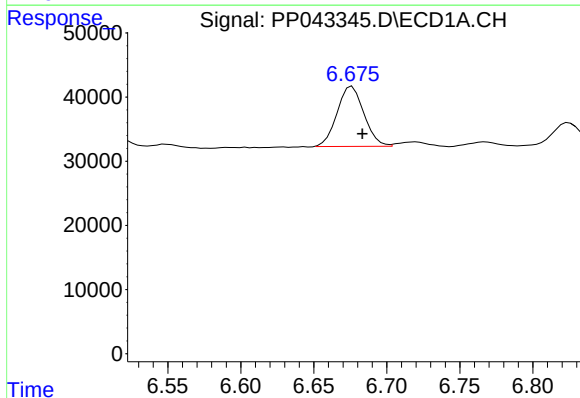
R.T.: 0.000 min  
Exp R.T.: 6.368 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



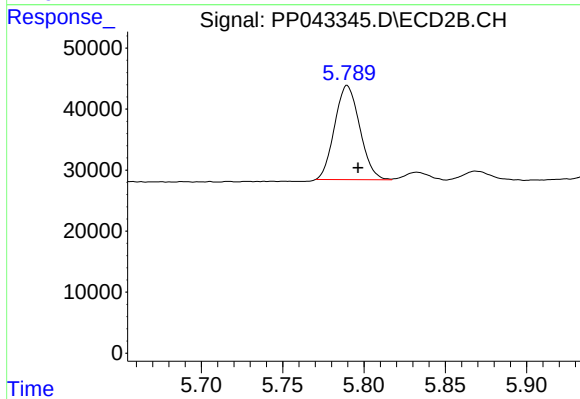
#6 AR-1016-4

R.T.: 5.559 min  
Delta R.T.: -0.006 min  
Response: 285841  
Conc: 517.96 ng/ml



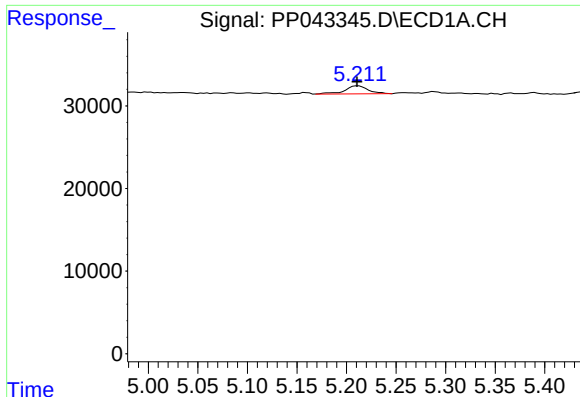
#7 AR-1016-5

R.T.: 6.676 min  
Delta R.T.: -0.007 min  
Response: 119670  
Conc: 238.34 ng/ml



#7 AR-1016-5

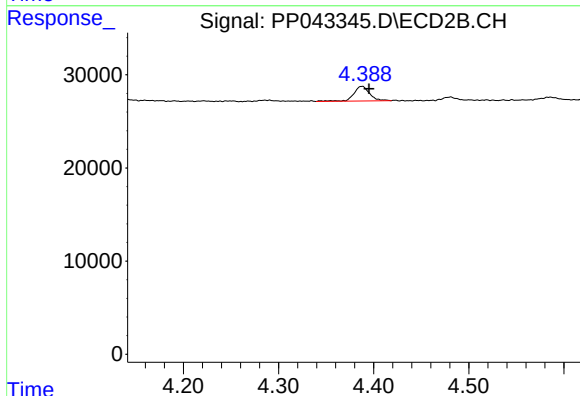
R.T.: 5.790 min  
Delta R.T.: -0.007 min  
Response: 166456  
Conc: 248.69 ng/ml



#9 AR-1221-2

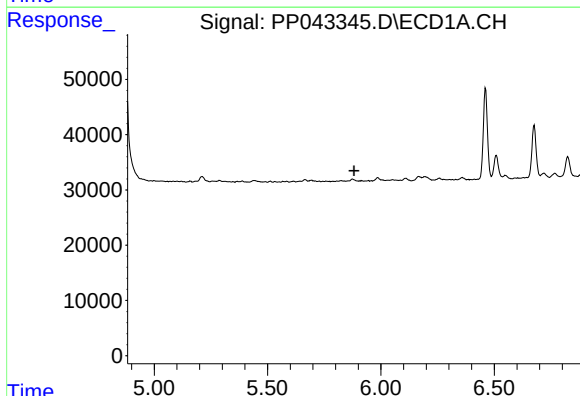
R.T.: 5.212 min  
Delta R.T.: 0.001 min  
Response: 15905  
Conc: 82.94 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



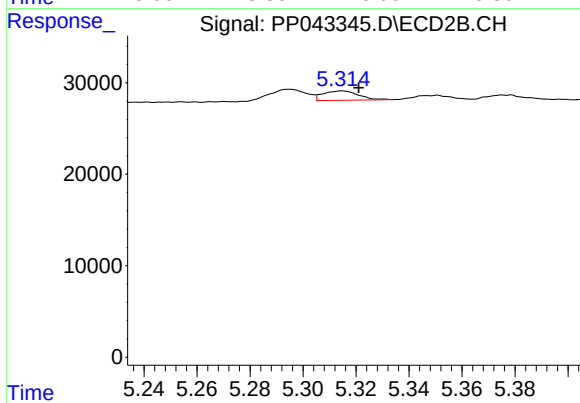
#9 AR-1221-2

R.T.: 4.388 min  
Delta R.T.: -0.007 min  
Response: 18152  
Conc: 75.48 ng/ml



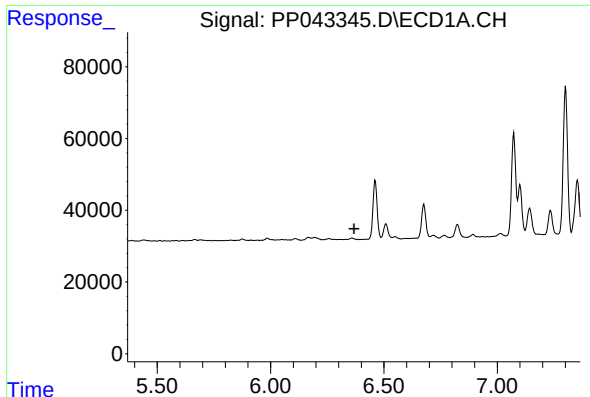
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.882 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

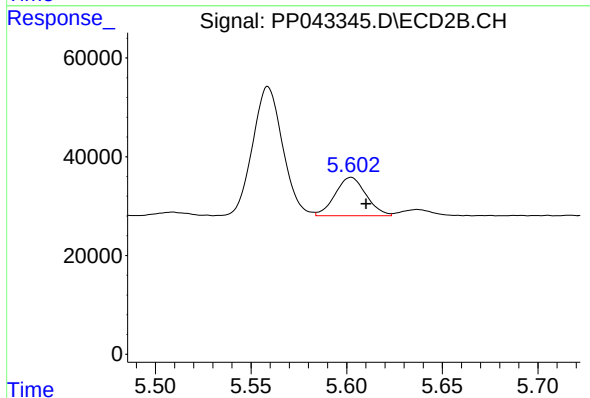
R.T.: 5.315 min  
Delta R.T.: -0.006 min  
Response: 9590  
Conc: 16.75 ng/ml



#14 AR-1232-4

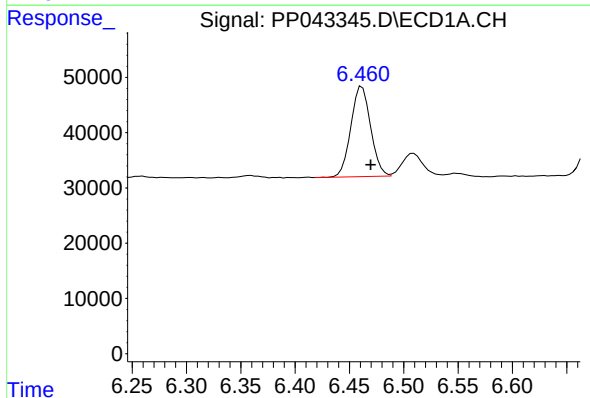
R.T.: 0.000 min  
Exp R.T.: 6.369 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



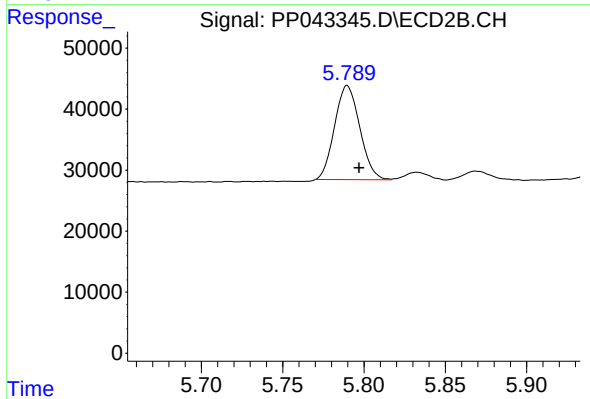
#14 AR-1232-4

R.T.: 5.602 min  
Delta R.T.: -0.008 min  
Response: 87911  
Conc: 364.21 ng/ml



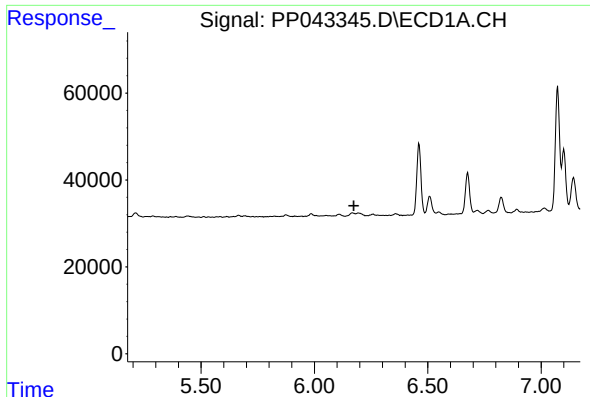
#15 AR-1232-5

R.T.: 6.462 min  
Delta R.T.: -0.008 min  
Response: 206374  
Conc: 1489.14 ng/ml



#15 AR-1232-5

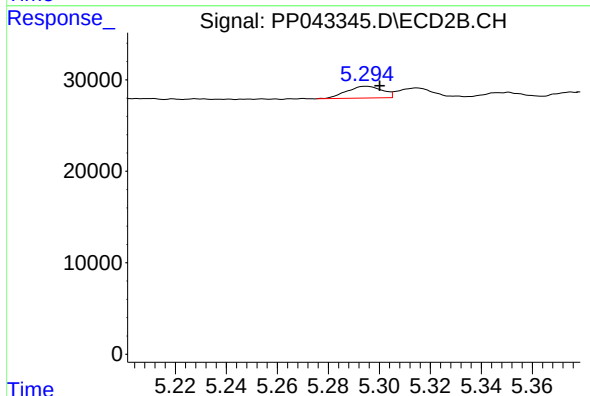
R.T.: 5.790 min  
Delta R.T.: -0.007 min  
Response: 166456  
Conc: 603.06 ng/ml



#16 AR-1242-1

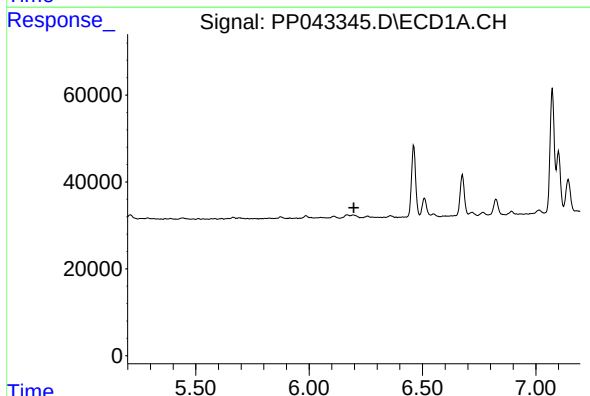
R.T.: 0.000 min  
Exp R.T.: 6.174 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



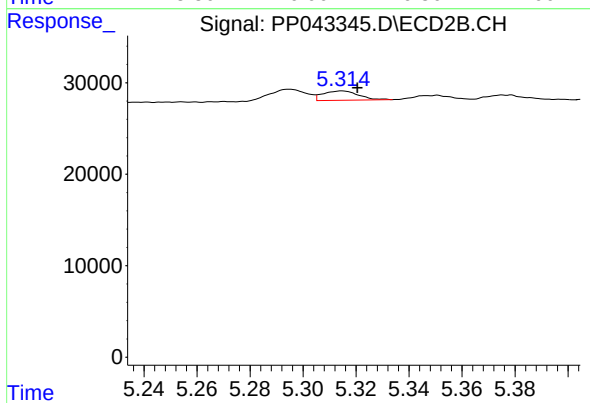
#16 AR-1242-1

R.T.: 5.295 min  
Delta R.T.: -0.005 min  
Response: 12645  
Conc: 17.10 ng/ml



#17 AR-1242-2

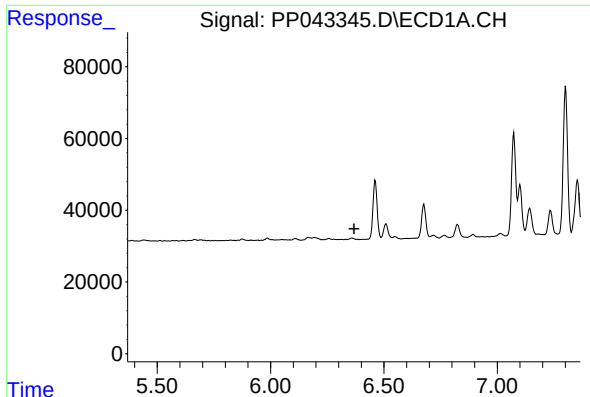
R.T.: 0.000 min  
Exp R.T.: 6.197 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

R.T.: 5.315 min  
Delta R.T.: -0.006 min  
Response: 9590  
Conc: 9.24 ng/ml

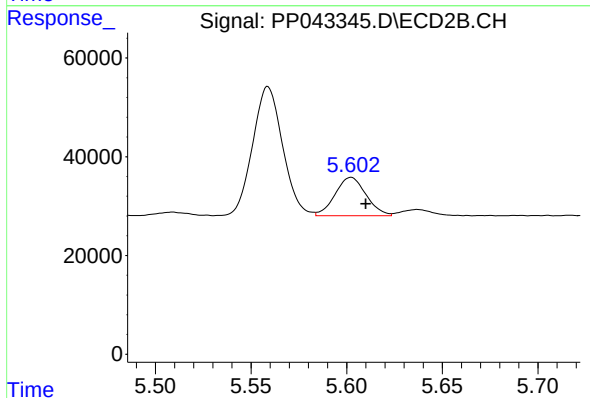




#19 AR-1242-4

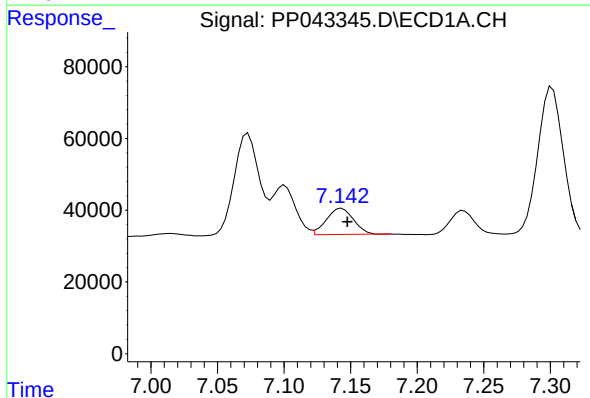
R.T.: 0.000 min  
Exp R.T.: 6.368 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



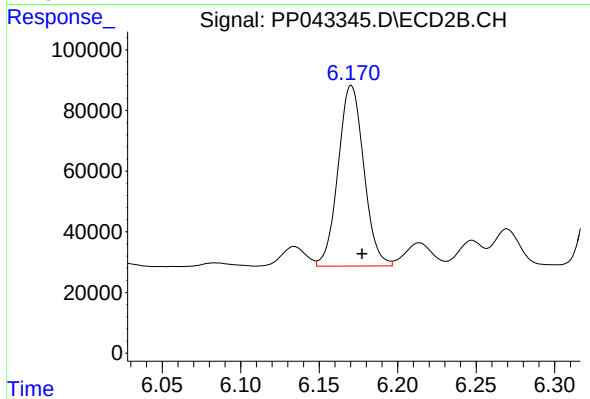
#19 AR-1242-4

R.T.: 5.602 min  
Delta R.T.: -0.007 min  
Response: 87911  
Conc: 175.86 ng/ml



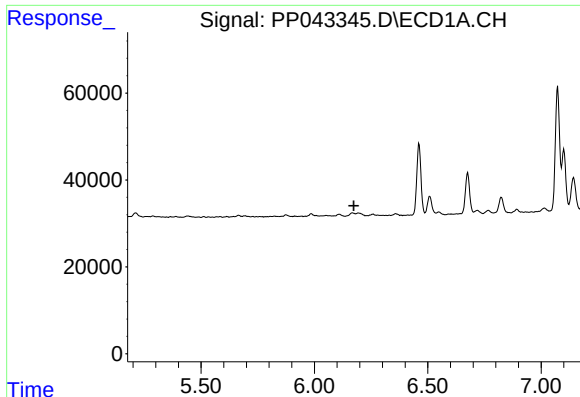
#20 AR-1242-5

R.T.: 7.143 min  
Delta R.T.: -0.004 min  
Response: 103613  
Conc: 283.92 ng/ml



#20 AR-1242-5

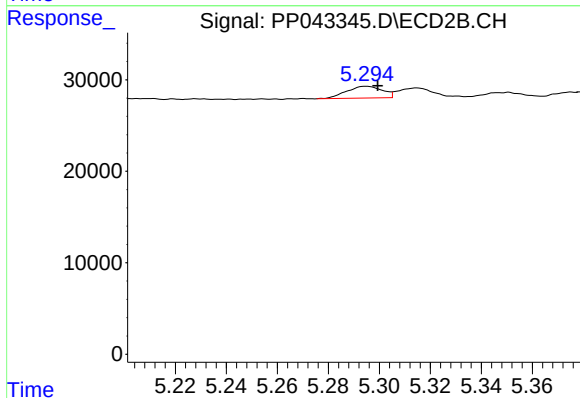
R.T.: 6.170 min  
Delta R.T.: -0.007 min  
Response: 677443  
Conc: 1059.58 ng/ml



#21 AR-1248-1

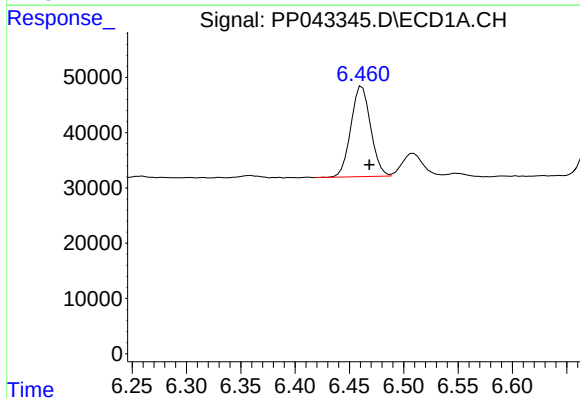
R.T.: 0.000 min  
Exp R.T.: 6.174 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



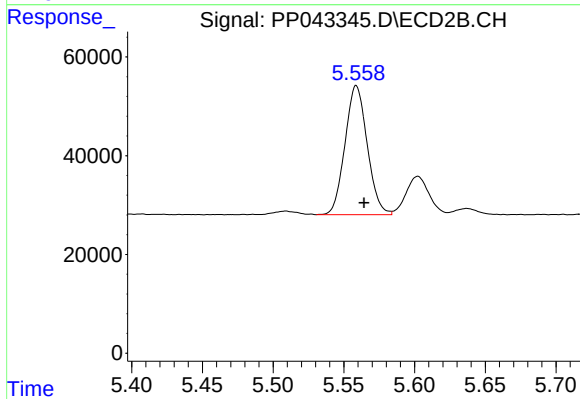
#21 AR-1248-1

R.T.: 5.295 min  
Delta R.T.: -0.004 min  
Response: 12645  
Conc: 23.10 ng/ml



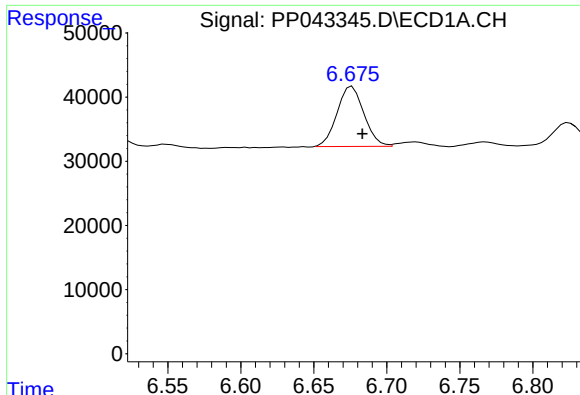
#22 AR-1248-2

R.T.: 6.462 min  
Delta R.T.: -0.007 min  
Response: 206374  
Conc: 379.26 ng/ml



#22 AR-1248-2

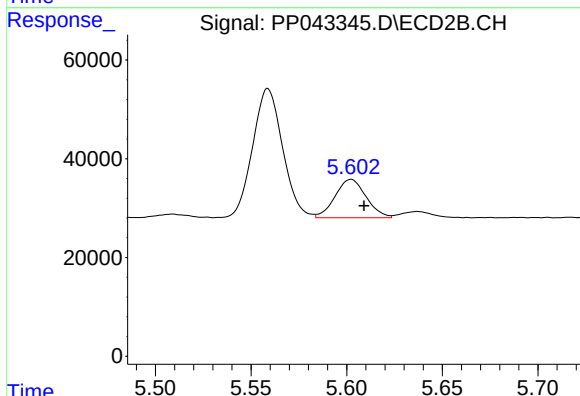
R.T.: 5.559 min  
Delta R.T.: -0.006 min  
Response: 285841  
Conc: 375.60 ng/ml



#23 AR-1248-3

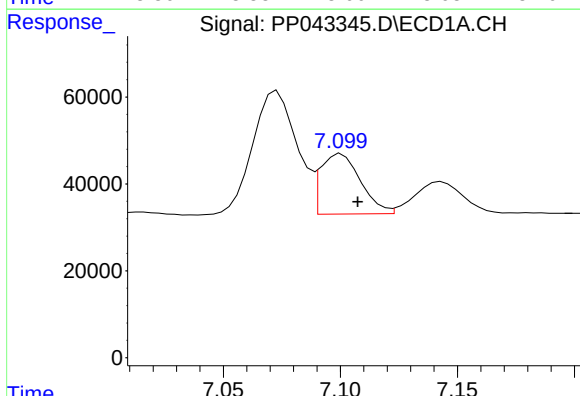
R.T.: 6.676 min  
Delta R.T.: -0.007 min  
Response: 119670  
Conc: 184.18 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



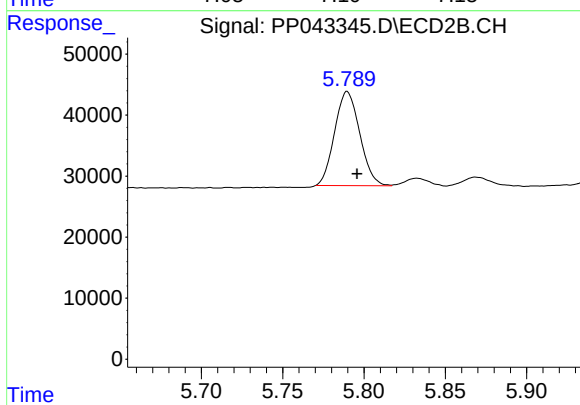
#23 AR-1248-3

R.T.: 5.602 min  
Delta R.T.: -0.007 min  
Response: 87911  
Conc: 115.13 ng/ml



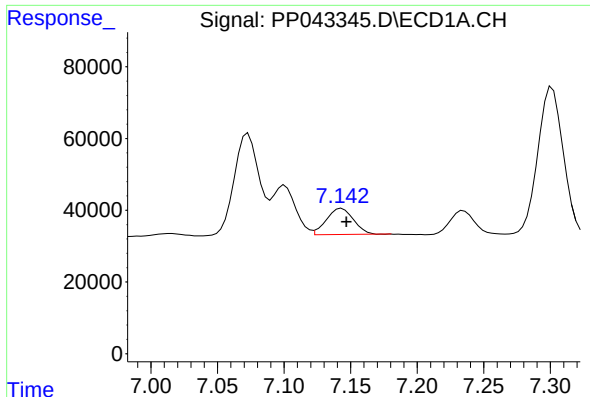
#24 AR-1248-4

R.T.: 7.100 min  
Delta R.T.: -0.007 min  
Response: 164797  
Conc: 264.96 ng/ml



#24 AR-1248-4

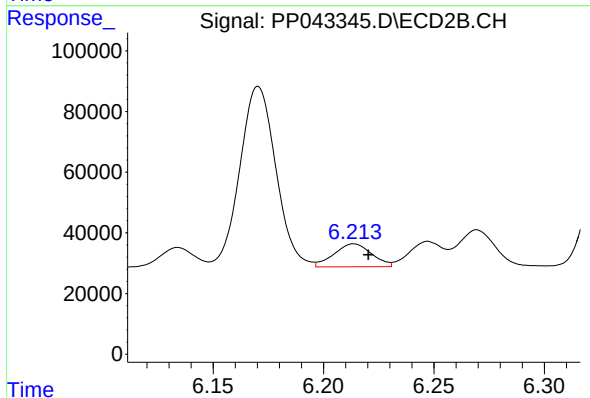
R.T.: 5.790 min  
Delta R.T.: -0.006 min  
Response: 166456  
Conc: 181.60 ng/ml



#25 AR-1248-5

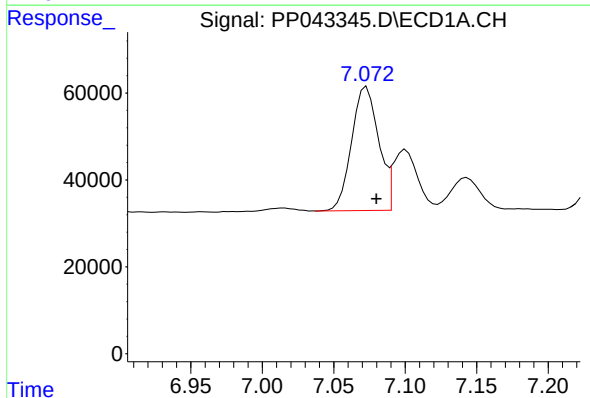
R.T.: 7.143 min  
Delta R.T.: -0.004 min  
Response: 103613  
Conc: 170.44 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



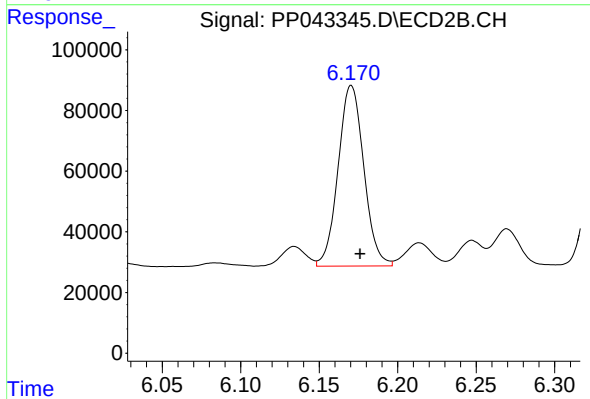
#25 AR-1248-5

R.T.: 6.214 min  
Delta R.T.: -0.007 min  
Response: 89678  
Conc: 101.51 ng/ml



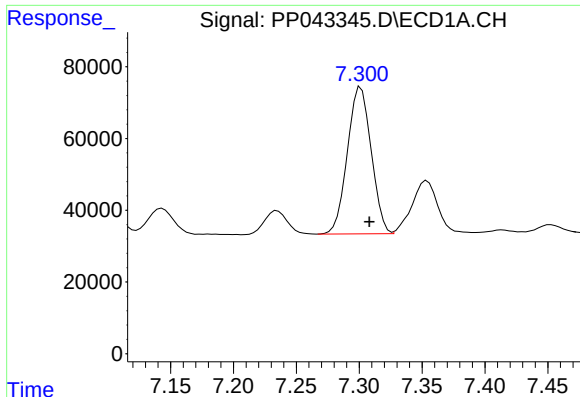
#26 AR-1254-1

R.T.: 7.073 min  
Delta R.T.: -0.007 min  
Response: 373906  
Conc: 522.45 ng/ml



#26 AR-1254-1

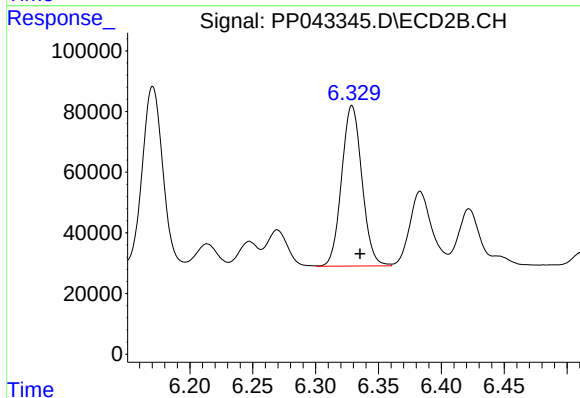
R.T.: 6.170 min  
Delta R.T.: -0.006 min  
Response: 677443  
Conc: 477.74 ng/ml



#27 AR-1254-2

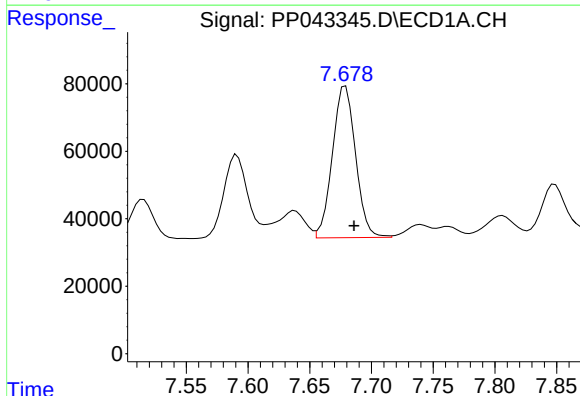
R.T.: 7.301 min  
Delta R.T.: -0.007 min  
Response: 539364  
Conc: 512.96 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



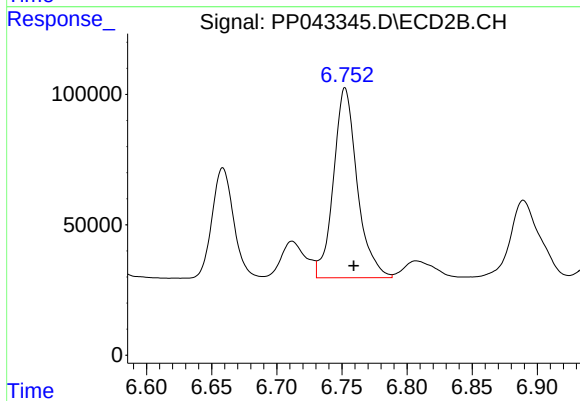
#27 AR-1254-2

R.T.: 6.329 min  
Delta R.T.: -0.006 min  
Response: 594698  
Conc: 480.98 ng/ml



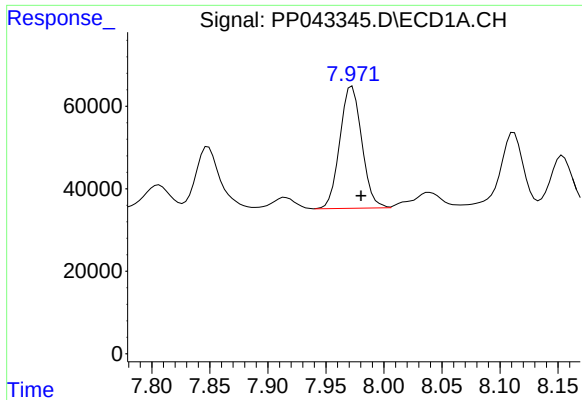
#28 AR-1254-3

R.T.: 7.679 min  
Delta R.T.: -0.007 min  
Response: 586332  
Conc: 545.17 ng/ml



#28 AR-1254-3

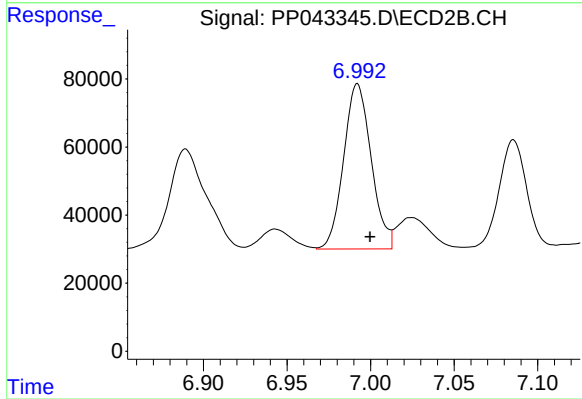
R.T.: 6.752 min  
Delta R.T.: -0.007 min  
Response: 922844  
Conc: 480.21 ng/ml



#29 AR-1254-4

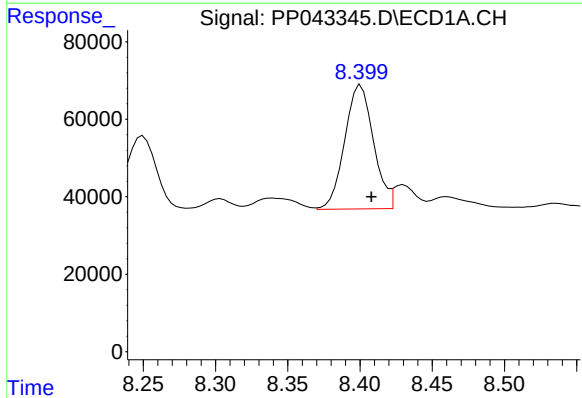
R.T.: 7.973 min  
Delta R.T.: -0.008 min  
Response: 389738  
Conc: 552.90 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



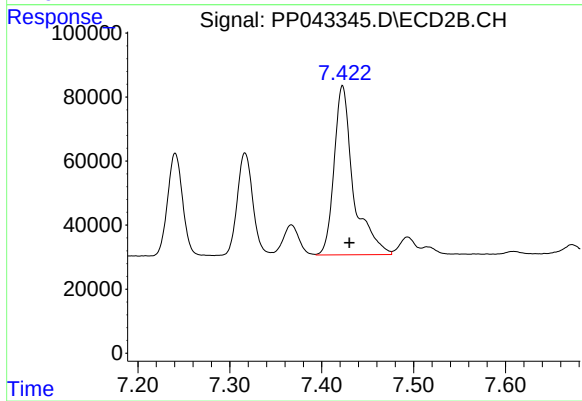
#29 AR-1254-4

R.T.: 6.992 min  
Delta R.T.: -0.008 min  
Response: 557611  
Conc: 504.40 ng/ml



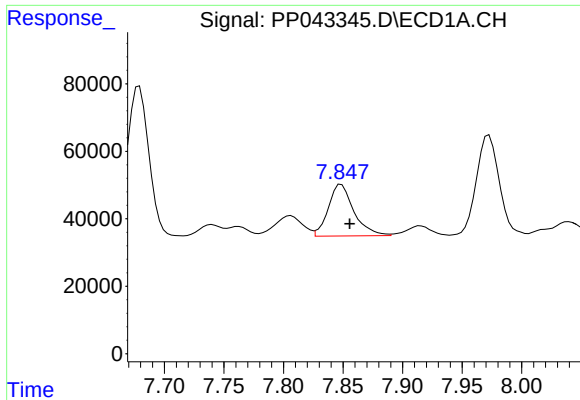
#30 AR-1254-5

R.T.: 8.401 min  
Delta R.T.: -0.007 min  
Response: 443085  
Conc: 548.56 ng/ml



#30 AR-1254-5

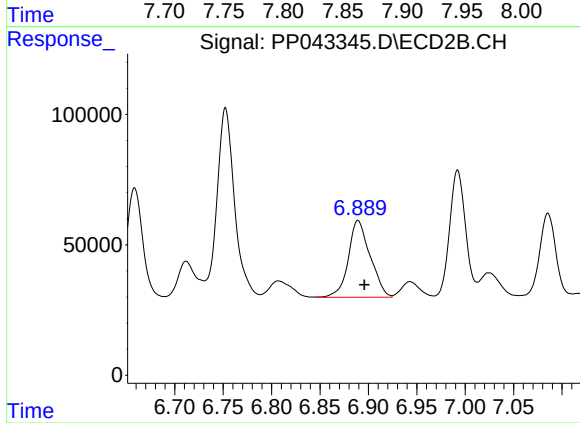
R.T.: 7.423 min  
Delta R.T.: -0.007 min  
Response: 772807  
Conc: 500.28 ng/ml



#31 AR-1260-1

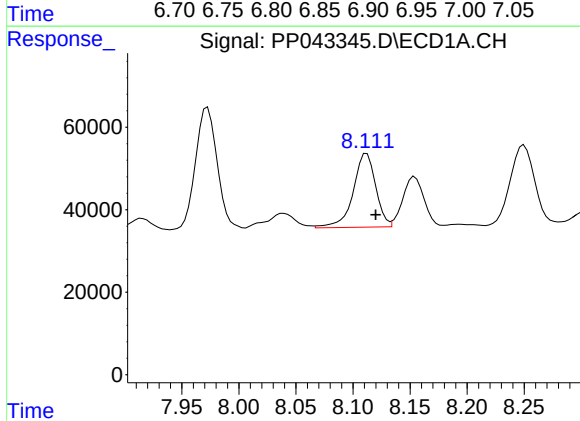
R.T.: 7.849 min  
Delta R.T.: -0.007 min  
Response: 228841  
Conc: 296.46 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



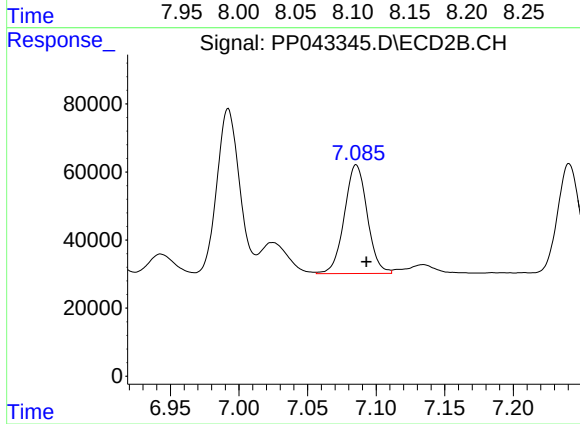
#31 AR-1260-1

R.T.: 6.889 min  
Delta R.T.: -0.006 min  
Response: 462901  
Conc: 395.70 ng/ml



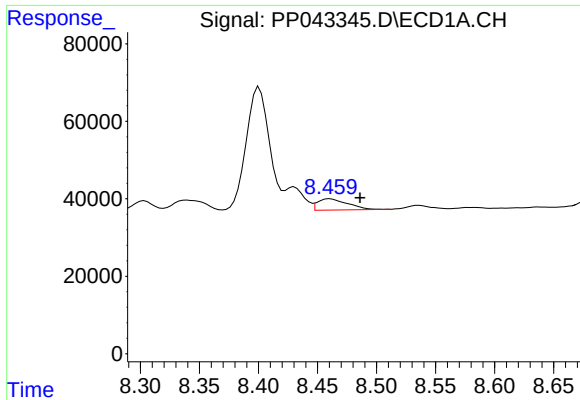
#32 AR-1260-2

R.T.: 8.112 min  
Delta R.T.: -0.008 min  
Response: 245236  
Conc: 288.05 ng/ml



#32 AR-1260-2

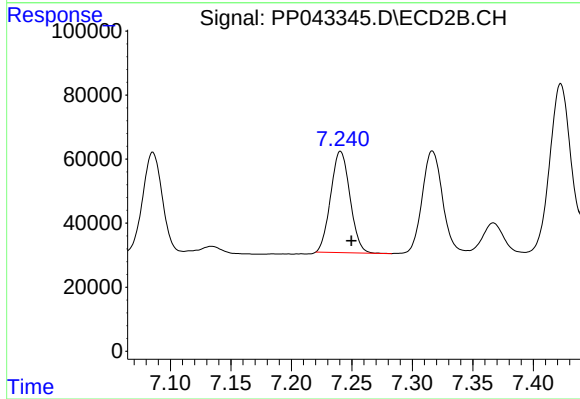
R.T.: 7.085 min  
Delta R.T.: -0.007 min  
Response: 370540  
Conc: 281.71 ng/ml



#33 AR-1260-3

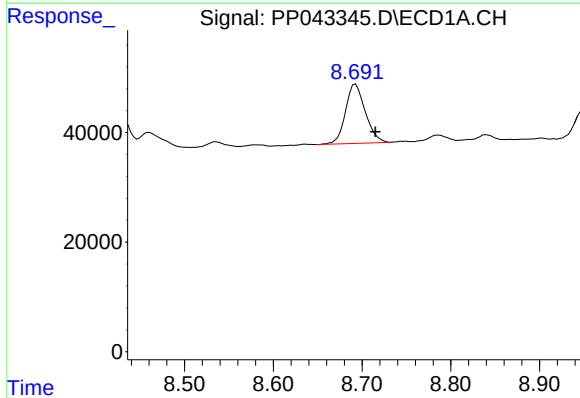
R.T.: 8.460 min  
Delta R.T.: -0.026 min  
Response: 52003  
Conc: 78.85 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



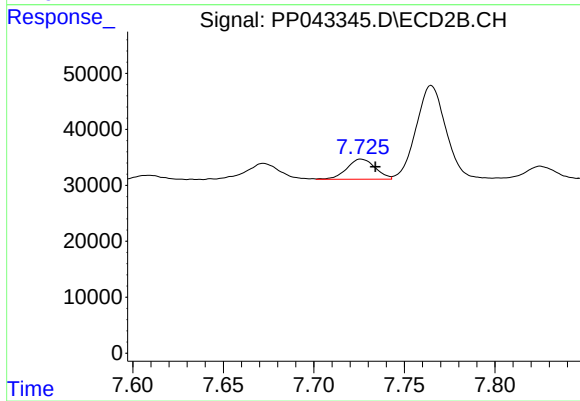
#33 AR-1260-3

R.T.: 7.241 min  
Delta R.T.: -0.009 min  
Response: 351177  
Conc: 282.11 ng/ml



#34 AR-1260-4

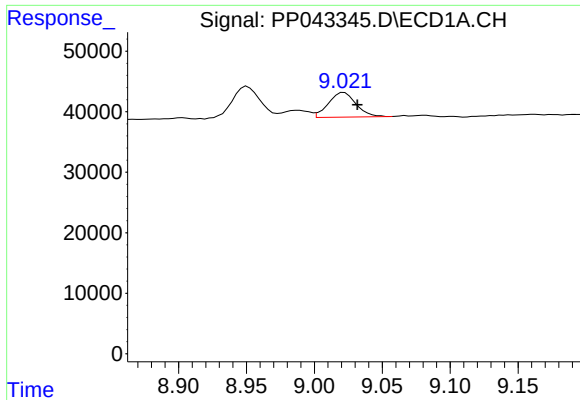
R.T.: 8.693 min  
Delta R.T.: -0.022 min  
Response: 167475  
Conc: 219.04 ng/ml



#34 AR-1260-4

R.T.: 7.726 min  
Delta R.T.: -0.008 min  
Response: 39074  
Conc: 39.83 ng/ml

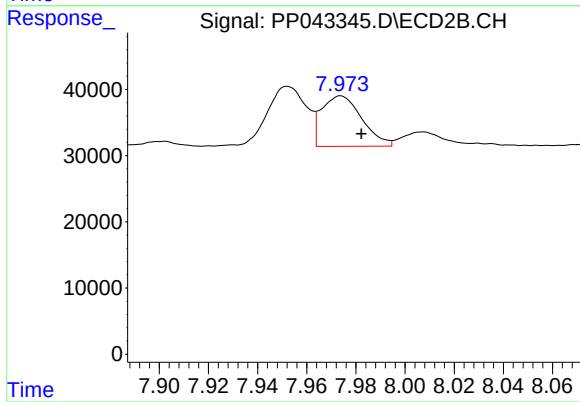




#35 AR-1260-5

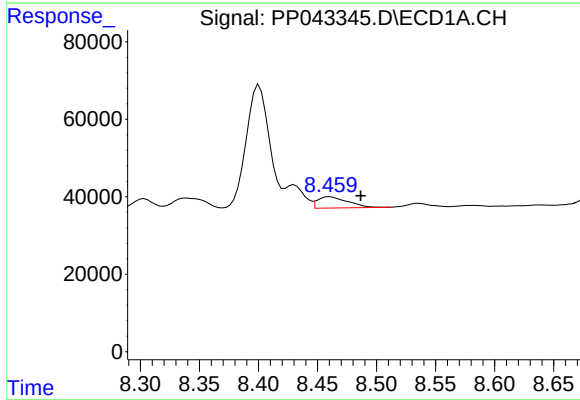
R.T.: 9.022 min  
Delta R.T.: -0.010 min  
Response: 57733  
Conc: 43.72 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



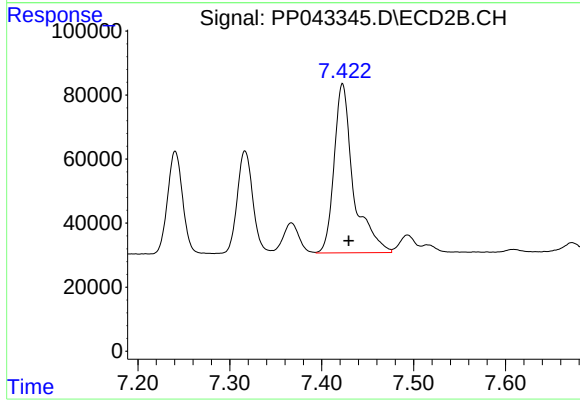
#35 AR-1260-5

R.T.: 7.974 min  
Delta R.T.: -0.008 min  
Response: 86840  
Conc: 39.24 ng/ml



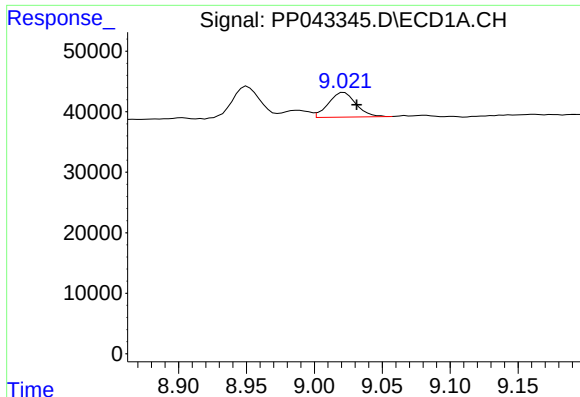
#36 AR-1262-1

R.T.: 8.460 min  
Delta R.T.: -0.026 min  
Response: 52003  
Conc: 52.35 ng/ml



#36 AR-1262-1

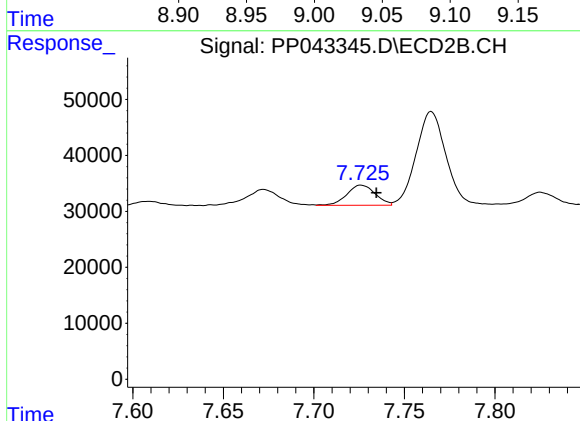
R.T.: 7.423 min  
Delta R.T.: -0.007 min  
Response: 772807  
Conc: 922.84 ng/ml



#37 AR-1262-2

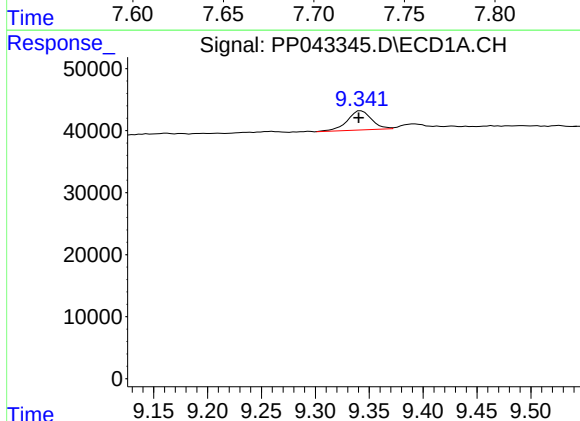
R.T.: 9.022 min  
Delta R.T.: -0.009 min  
Response: 57733  
Conc: 37.56 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



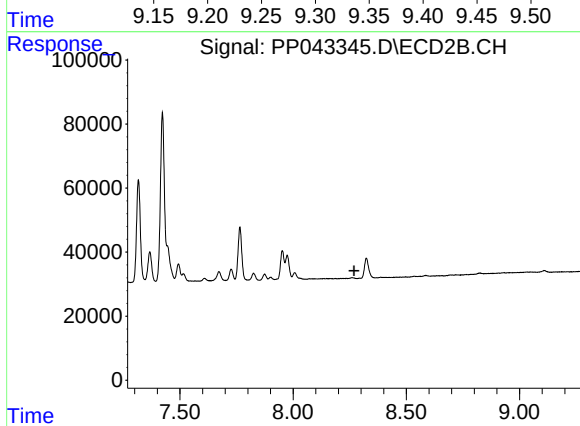
#37 AR-1262-2

R.T.: 7.726 min  
Delta R.T.: -0.008 min  
Response: 39074  
Conc: 28.19 ng/ml



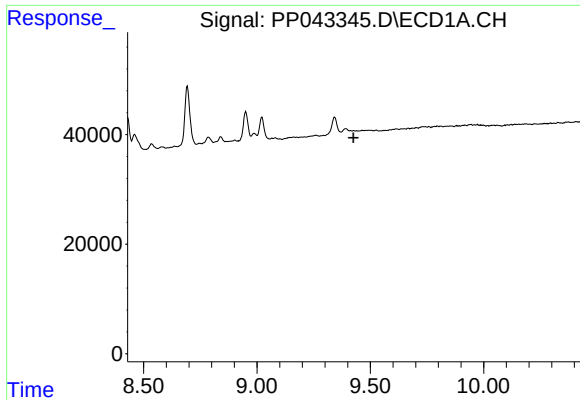
#38 AR-1262-3

R.T.: 9.342 min  
Delta R.T.: 0.002 min  
Response: 48652  
Conc: 43.92 ng/ml



#38 AR-1262-3

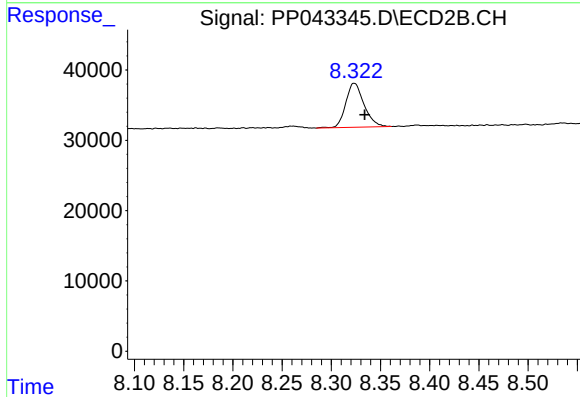
R.T.: 0.000 min  
Exp R.T. : 8.269 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

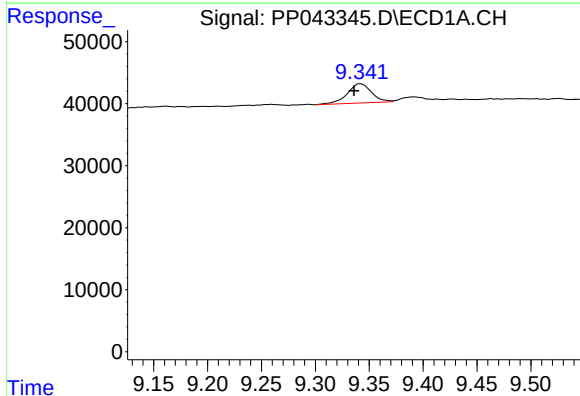
R.T.: 0.000 min  
Exp R.T.: 9.426 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



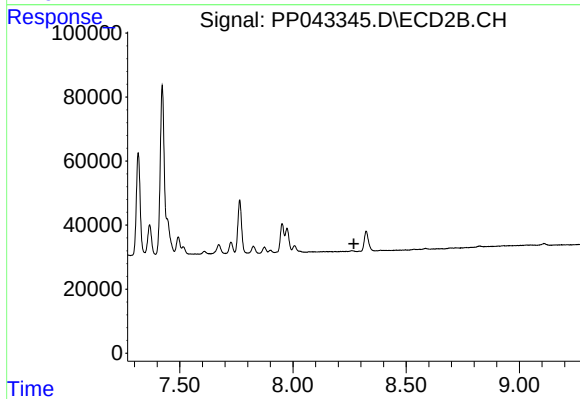
#39 AR-1262-4

R.T.: 8.323 min  
Delta R.T.: -0.011 min  
Response: 80780  
Conc: 42.92 ng/ml



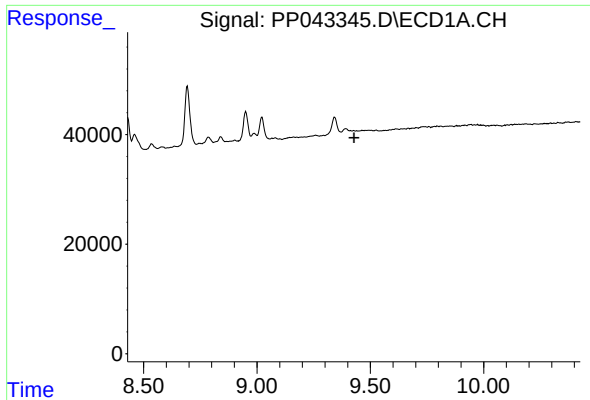
#41 AR-1268-1

R.T.: 9.342 min  
Delta R.T.: 0.006 min  
Response: 48652  
Conc: 25.48 ng/ml



#41 AR-1268-1

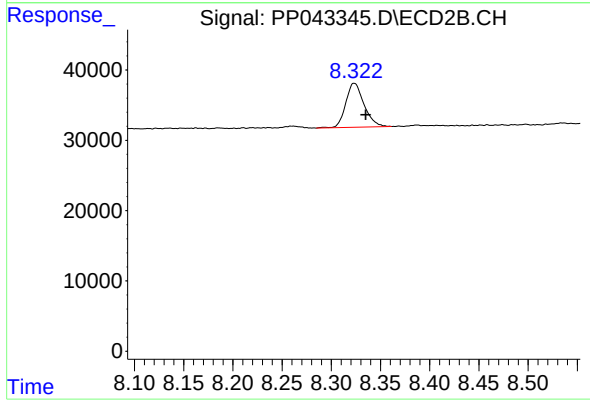
R.T.: 0.000 min  
Exp R.T.: 8.269 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 9.428 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



#42 AR-1268-2

R.T.: 8.323 min  
Delta R.T.: -0.012 min  
Response: 80780  
Conc: 30.23 ng/ml