

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0030921\  
 Data File : P0075982.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 09 Mar 2021 15:29  
 Operator : DD\AJ  
 Sample : AR1254CCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 09 17:04:45 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0030421.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Mar 05 08:07:39 2021  
 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... | 4.932  | 3.940  | 2954601 | 2153669 | 49.568   | 48.280    |
| 2)                          | SA Decachlor... | 10.938 | 9.216  | 1772731 | 1769498 | 53.962   | 48.665    |
|                             |                 |        |        |         |         |          |           |
| Target Compounds            |                 |        |        |         |         |          |           |
| 3)                          | L1 AR-1016-1    | 6.256  | 5.191  | 24385   | 2312    | 13.425   | 1.540 #   |
| 4)                          | L1 AR-1016-2    | 6.282  | 5.191f | 30300   | 2312    | 10.820   | 0.969 #   |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.453  | 0       | 483723  | N.D.     | 460.908 # |
| 7)                          | L1 AR-1016-5    | 6.768  | 5.680  | 307688  | 293531  | 233.677  | 230.821   |
| 9)                          | L2 AR-1221-2    | 5.284  | 4.291  | 35045   | 27519   | 76.411   | 73.886    |
| 12)                         | L3 AR-1232-2    | 0.000  | 5.191f | 0       | 2312    | N.D.     | 2.127 #   |
| 13)                         | L3 AR-1232-3    | 6.282  | 0.000  | 30300   | 0       | 25.992   | N.D. #    |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.496  | 0       | 131418  | N.D.     | 285.051 # |
| 15)                         | L3 AR-1232-5    | 6.550  | 5.680  | 535248  | 293531  | 1339.337 | 587.690 # |
| 16)                         | L4 AR-1242-1    | 6.256  | 5.191  | 24385   | 2312    | 16.751   | 1.944 #   |
| 17)                         | L4 AR-1242-2    | 6.282  | 5.191f | 30300   | 2312    | 13.583   | 1.190 #   |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.496  | 0       | 131418  | N.D.     | 133.951 # |
| 20)                         | L4 AR-1242-5    | 7.239  | 6.059  | 329857  | 1178736 | 307.776  | 996.751 # |
| 21)                         | L5 AR-1248-1    | 6.256  | 5.191  | 24385   | 2312    | 22.372   | 2.505 #   |
| 22)                         | L5 AR-1248-2    | 6.550  | 5.453  | 535248  | 483723  | 341.361  | 338.087   |
| 23)                         | L5 AR-1248-3    | 6.768  | 5.496  | 307688  | 131418  | 171.297  | 89.247 #  |
| 24)                         | L5 AR-1248-4    | 7.198  | 5.680  | 499212  | 293531  | 261.283  | 173.750 # |
| 25)                         | L5 AR-1248-5    | 7.239  | 6.102  | 329857  | 184520  | 174.229  | 110.705 # |
| 26)                         | L6 AR-1254-1    | 7.167  | 6.059  | 971850  | 1178736 | 467.516  | 453.336   |
| 27)                         | L6 AR-1254-2    | 7.398  | 6.218  | 1351763 | 1042933 | 428.449  | 454.320   |
| 28)                         | L6 AR-1254-3    | 7.780  | 6.637  | 1392959 | 1522848 | 446.478  | 437.697   |
| 29)                         | L6 AR-1254-4    | 8.077  | 6.876  | 1001636 | 898518  | 458.182  | 424.775   |
| 30)                         | L6 AR-1254-5    | 8.505  | 7.304  | 1026918 | 1293799 | 451.158  | 416.197   |
| 31)                         | L7 AR-1260-1    | 7.947  | 6.775  | 581687  | 740238  | 273.461  | 326.166   |
| 32)                         | L7 AR-1260-2    | 8.212  | 6.971  | 611497  | 561809  | 252.219  | 203.006   |
| 33)                         | L7 AR-1260-3    | 8.567  | 7.123  | 126914  | 589428  | 69.812   | 227.835 # |
| 34)                         | L7 AR-1260-4    | 8.801  | 7.606  | 379940  | 60629   | 174.778  | 28.714 #  |
| 35)                         | L7 AR-1260-5    | 9.134  | 7.853  | 147412  | 124133  | 38.719   | 24.740 #  |
| 36)                         | L8 AR-1262-1    | 8.567  | 7.304  | 126914  | 1293799 | 44.581   | 751.682 # |
| 37)                         | L8 AR-1262-2    | 9.134  | 7.853  | 147412  | 124133  | 32.348   | 22.272 #  |
| 38)                         | L8 AR-1262-3    | 9.466f | 0.000  | 113775  | 0       | 37.626   | N.D. #    |
| 39)                         | L8 AR-1262-4    | 9.513f | 8.200  | 31036   | 146194  | 13.585   | 34.781 #  |
| 41)                         | L9 AR-1268-1    | 9.466f | 0.000  | 113775  | 0       | 21.646   | N.D. #    |
| 42)                         | L9 AR-1268-2    | 9.513f | 8.200  | 31036   | 146194  | 6.642    | 24.685 #  |
| -----                       |                 |        |        |         |         |          |           |

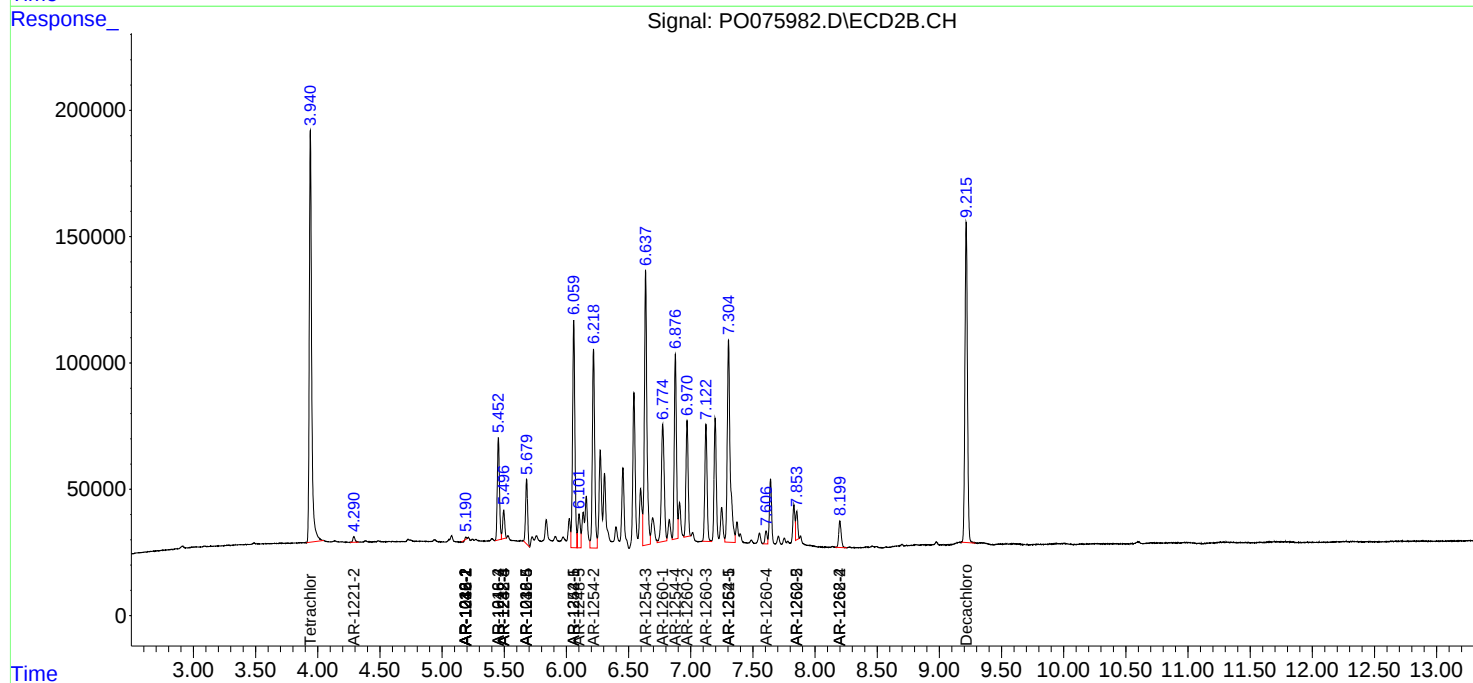
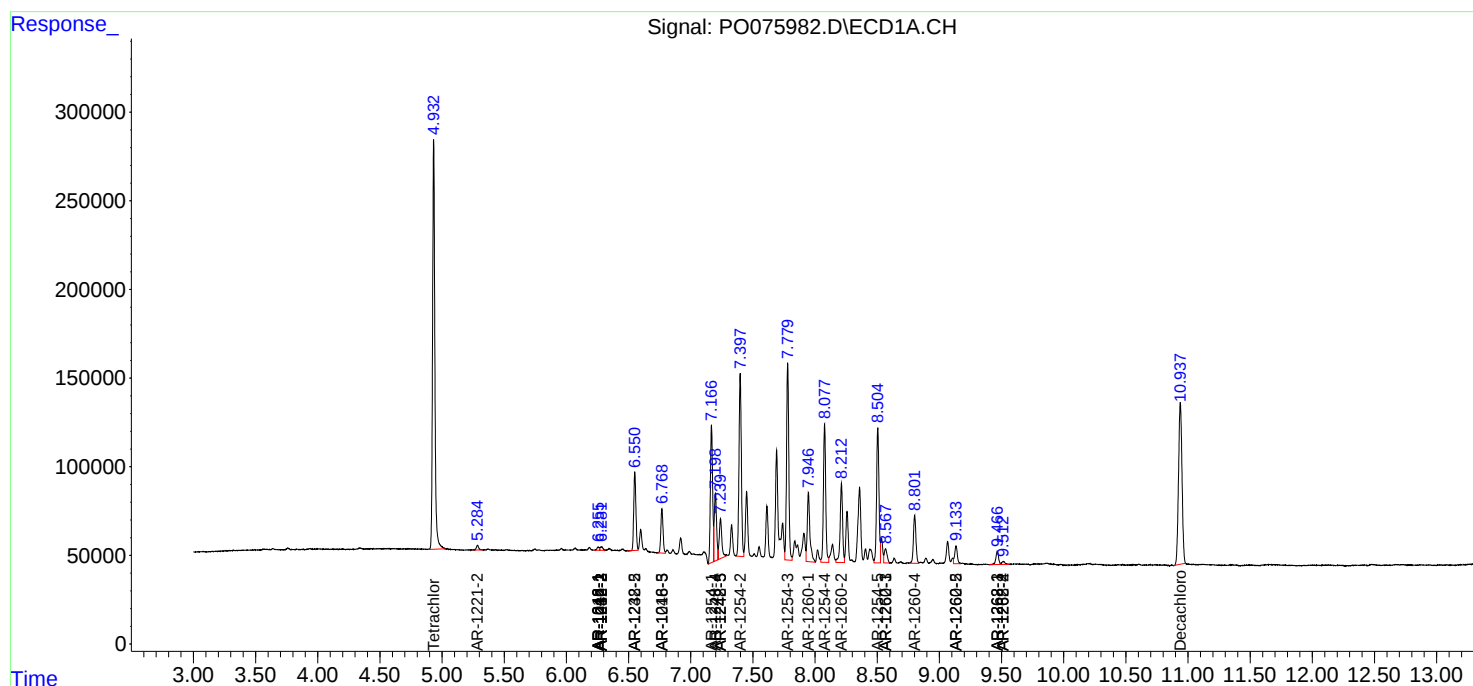
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

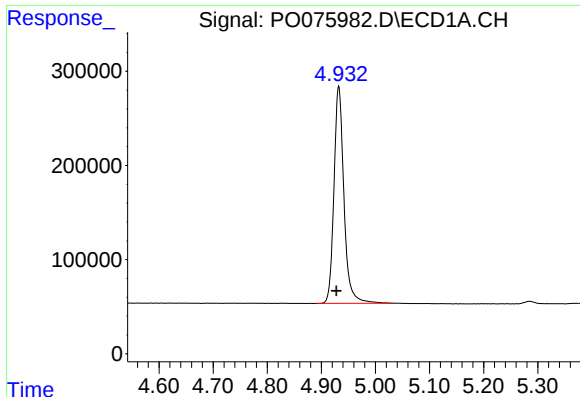
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0030921\  
Data File : P0075982.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 09 Mar 2021 15:29  
Operator : DD\AJ  
Sample : AR1254CCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 09 17:04:45 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0030421.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Mar 05 08:07:39 2021  
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

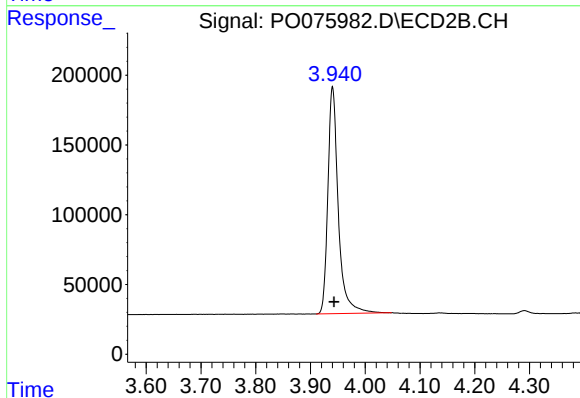




#1 Tetrachloro-m-xylene

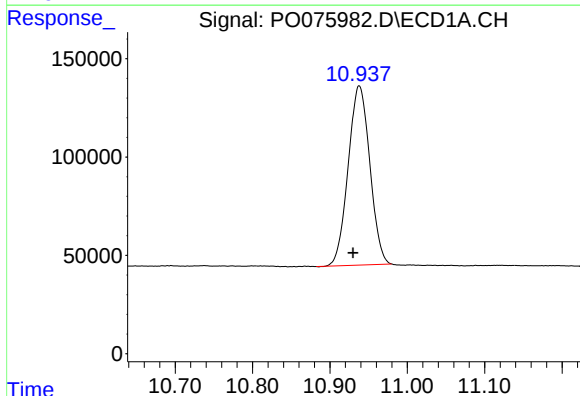
R.T.: 4.932 min  
Delta R.T.: 0.004 min  
Response: 2954601  
Conc: 49.57 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



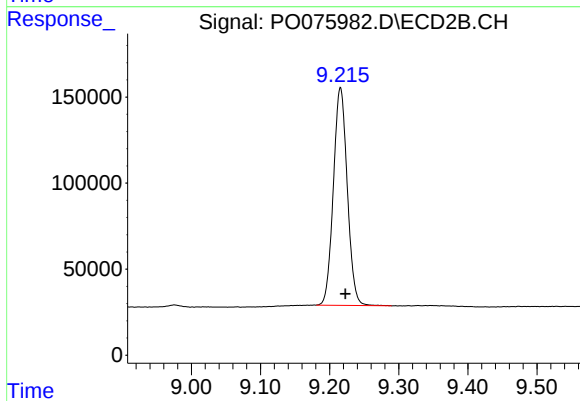
#1 Tetrachloro-m-xylene

R.T.: 3.940 min  
Delta R.T.: -0.003 min  
Response: 2153669  
Conc: 48.28 ng/ml



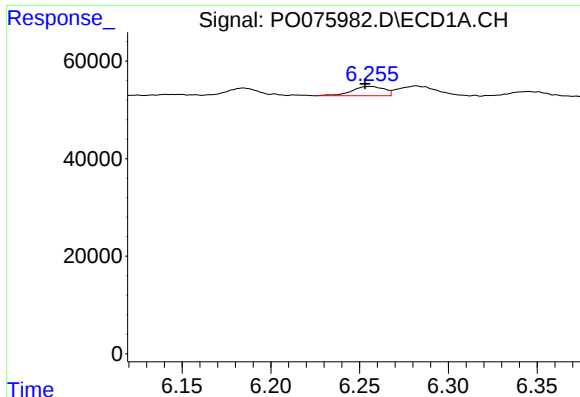
#2 Decachlorobiphenyl

R.T.: 10.938 min  
Delta R.T.: 0.008 min  
Response: 1772731  
Conc: 53.96 ng/ml



#2 Decachlorobiphenyl

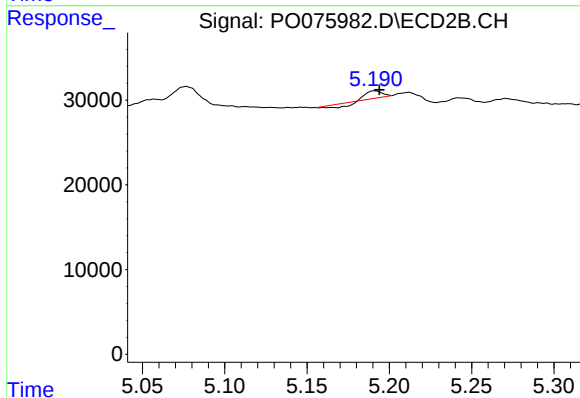
R.T.: 9.216 min  
Delta R.T.: -0.007 min  
Response: 1769498  
Conc: 48.66 ng/ml



#3 AR-1016-1

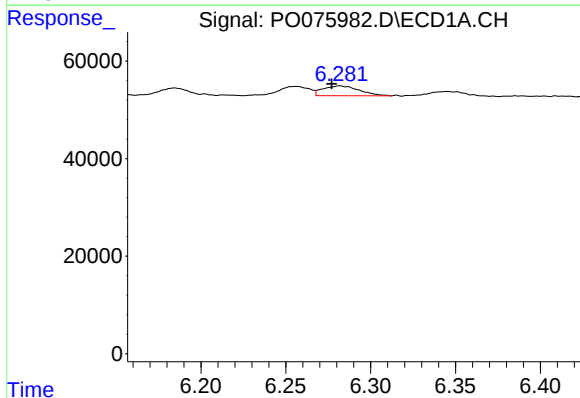
R.T.: 6.256 min  
Delta R.T.: 0.003 min  
Response: 24385  
Conc: 13.43 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



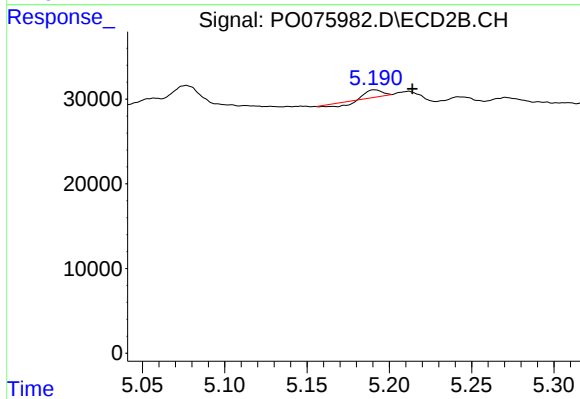
#3 AR-1016-1

R.T.: 5.191 min  
Delta R.T.: -0.003 min  
Response: 2312  
Conc: 1.54 ng/ml



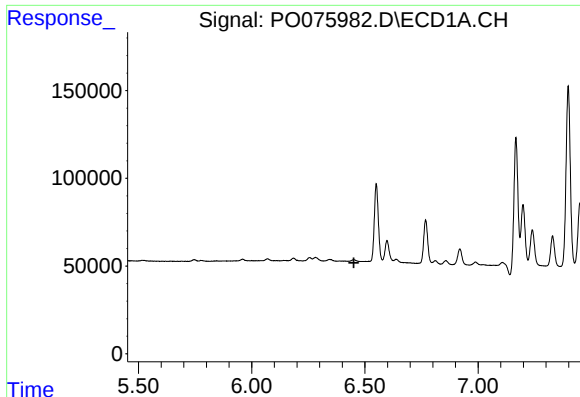
#4 AR-1016-2

R.T.: 6.282 min  
Delta R.T.: 0.005 min  
Response: 30300  
Conc: 10.82 ng/ml



#4 AR-1016-2

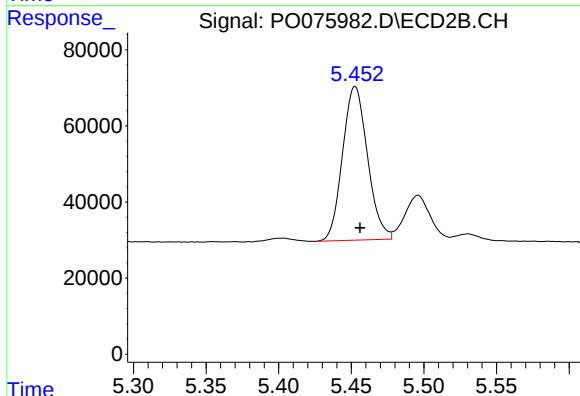
R.T.: 5.191 min  
Delta R.T.: -0.023 min  
Response: 2312  
Conc: 0.97 ng/ml



#6 AR-1016-4

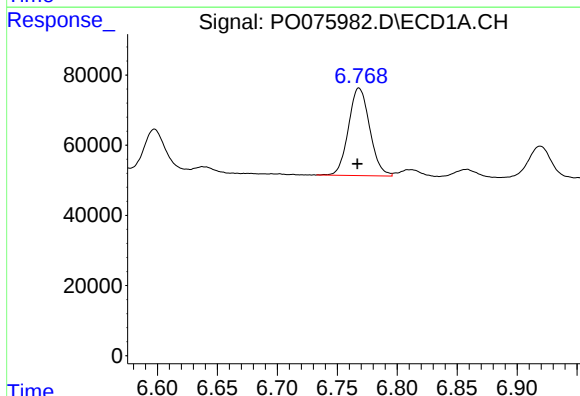
R.T.: 0.000 min  
Exp R.T.: 6.451 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



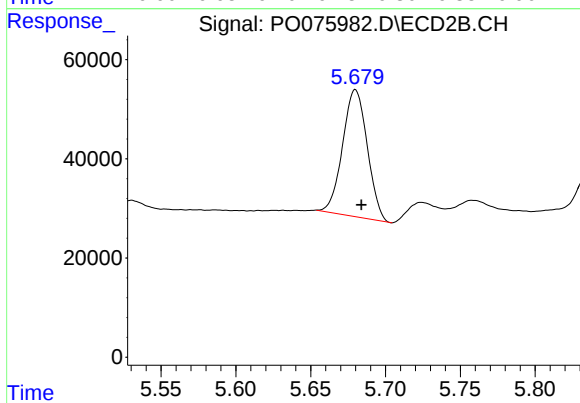
#6 AR-1016-4

R.T.: 5.453 min  
Delta R.T.: -0.003 min  
Response: 483723  
Conc: 460.91 ng/ml



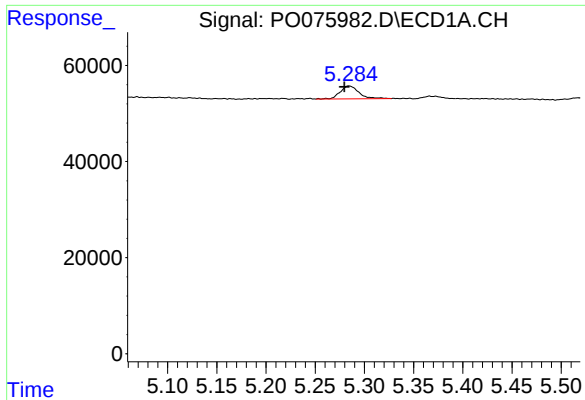
#7 AR-1016-5

R.T.: 6.768 min  
Delta R.T.: 0.001 min  
Response: 307688  
Conc: 233.68 ng/ml



#7 AR-1016-5

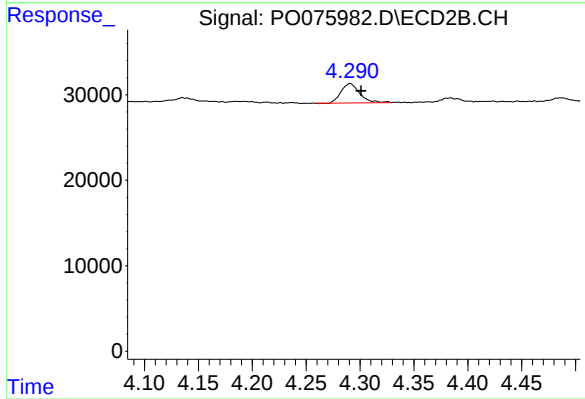
R.T.: 5.680 min  
Delta R.T.: -0.004 min  
Response: 293531  
Conc: 230.82 ng/ml



#9 AR-1221-2

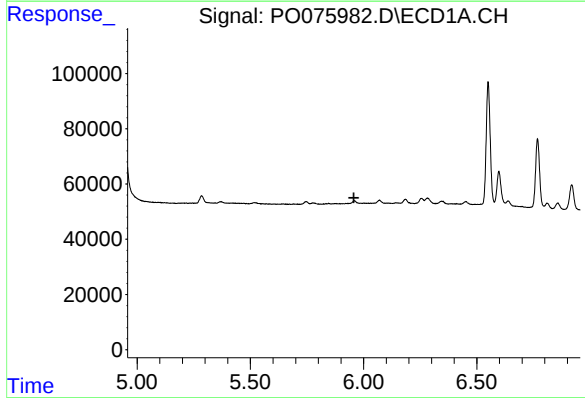
R.T.: 5.284 min  
Delta R.T.: 0.005 min  
Response: 35045  
Conc: 76.41 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



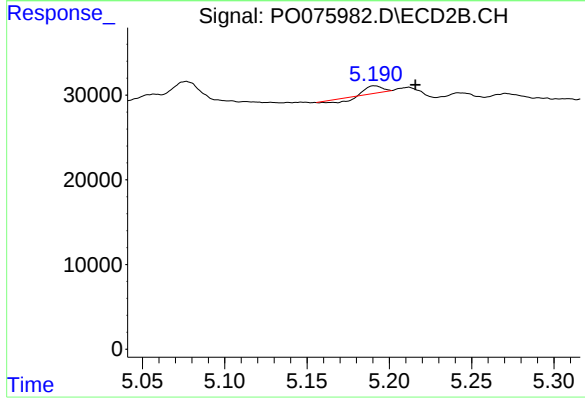
#9 AR-1221-2

R.T.: 4.291 min  
Delta R.T.: -0.010 min  
Response: 27519  
Conc: 73.89 ng/ml



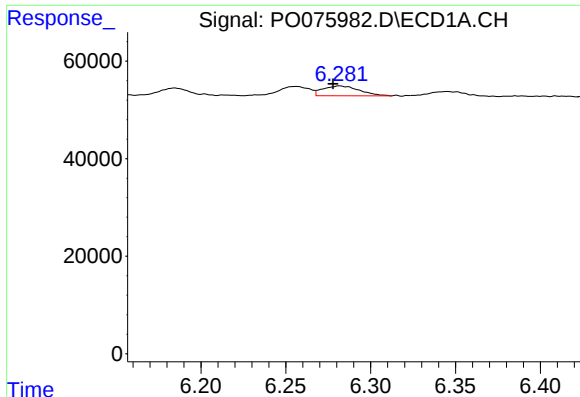
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.957 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

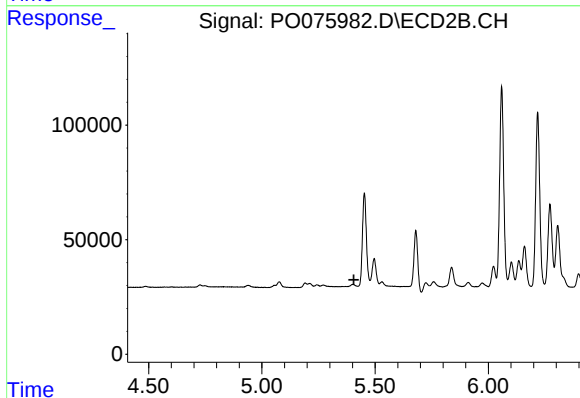
R.T.: 5.191 min  
Delta R.T.: -0.025 min  
Response: 2312  
Conc: 2.13 ng/ml



#13 AR-1232-3

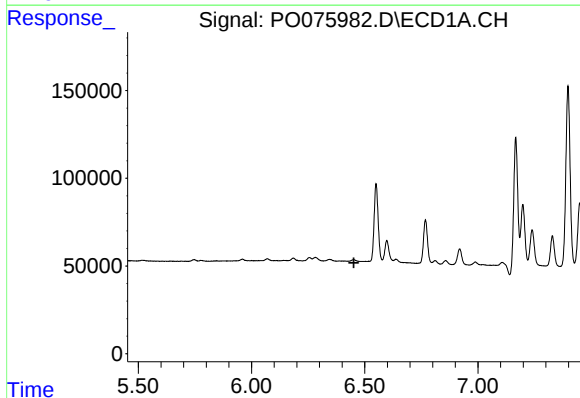
R.T.: 6.282 min  
Delta R.T.: 0.004 min  
Response: 30300  
Conc: 25.99 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



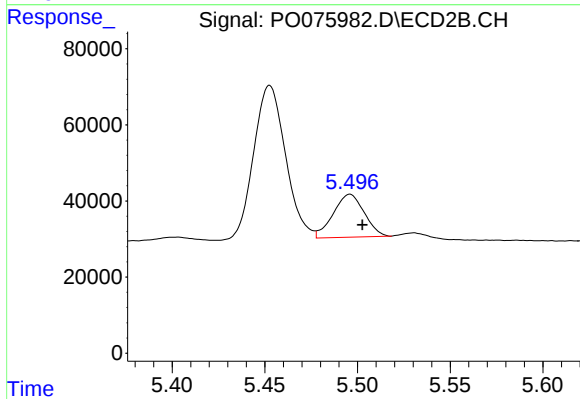
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.406 min  
Response: 0  
Conc: N.D.



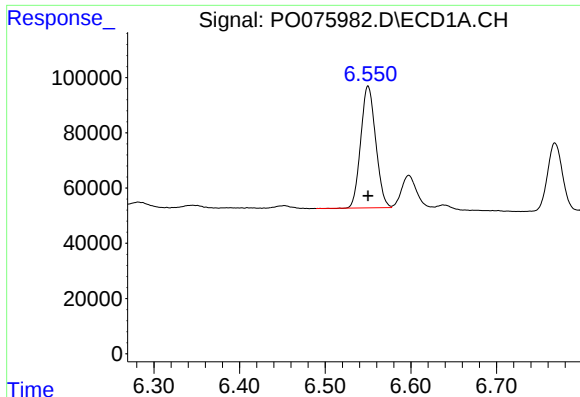
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 6.452 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

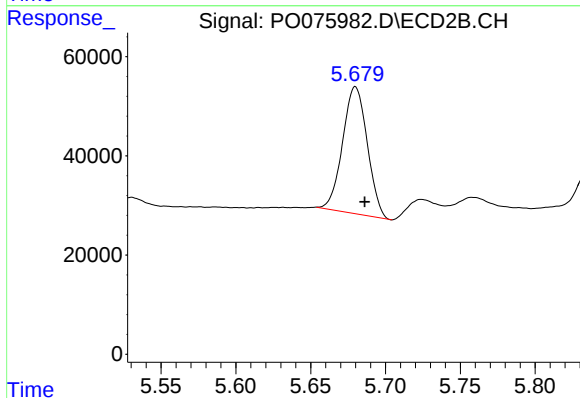
R.T.: 5.496 min  
Delta R.T.: -0.007 min  
Response: 131418  
Conc: 285.05 ng/ml



#15 AR-1232-5

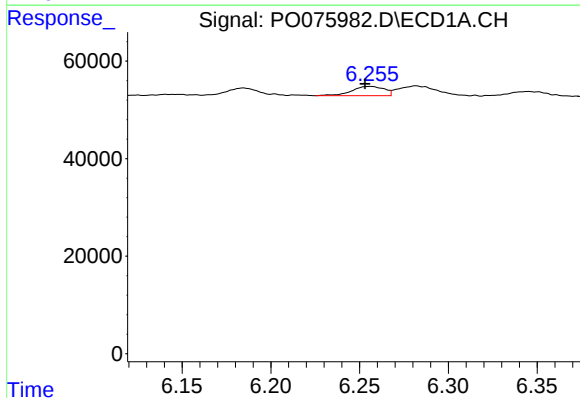
R.T.: 6.550 min  
Delta R.T.: 0.000 min  
Response: 535248  
Conc: 1339.34 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



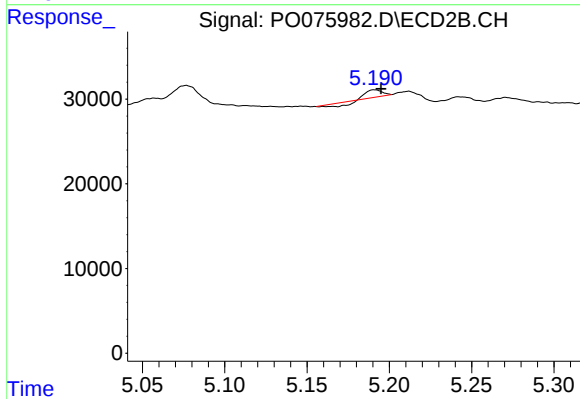
#15 AR-1232-5

R.T.: 5.680 min  
Delta R.T.: -0.006 min  
Response: 293531  
Conc: 587.69 ng/ml



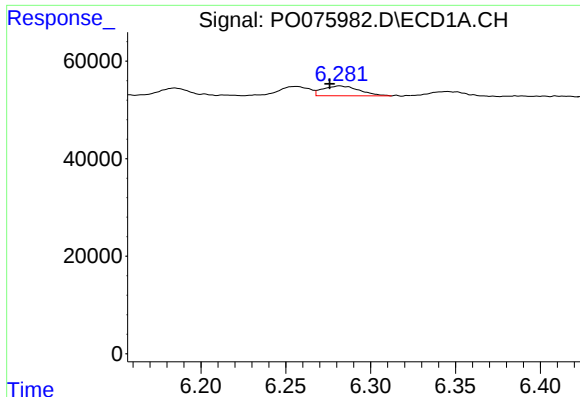
#16 AR-1242-1

R.T.: 6.256 min  
Delta R.T.: 0.003 min  
Response: 24385  
Conc: 16.75 ng/ml



#16 AR-1242-1

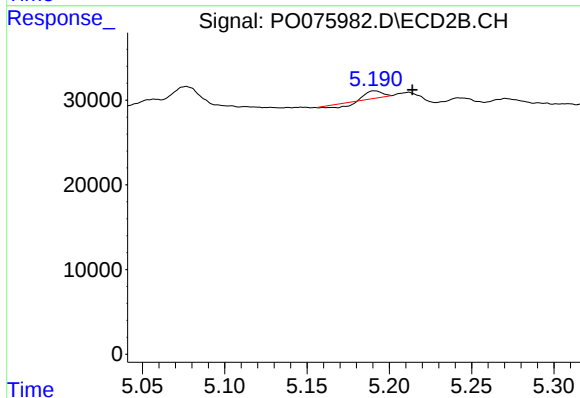
R.T.: 5.191 min  
Delta R.T.: -0.004 min  
Response: 2312  
Conc: 1.94 ng/ml



#17 AR-1242-2

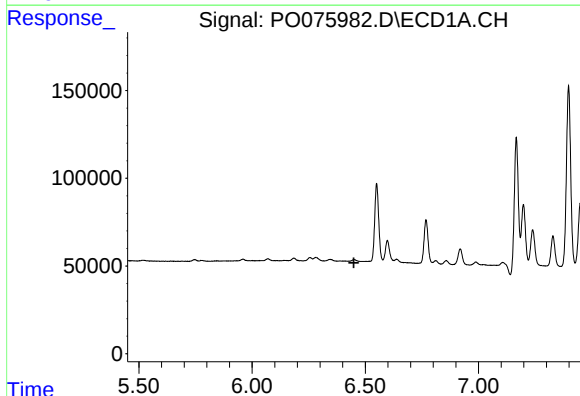
R.T.: 6.282 min  
Delta R.T.: 0.006 min  
Response: 30300  
Conc: 13.58 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



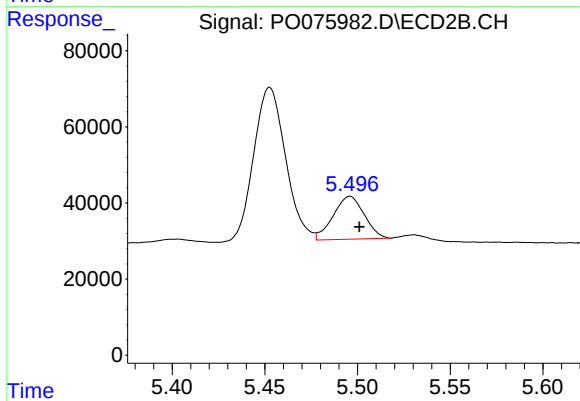
#17 AR-1242-2

R.T.: 5.191 min  
Delta R.T.: -0.023 min  
Response: 2312  
Conc: 1.19 ng/ml



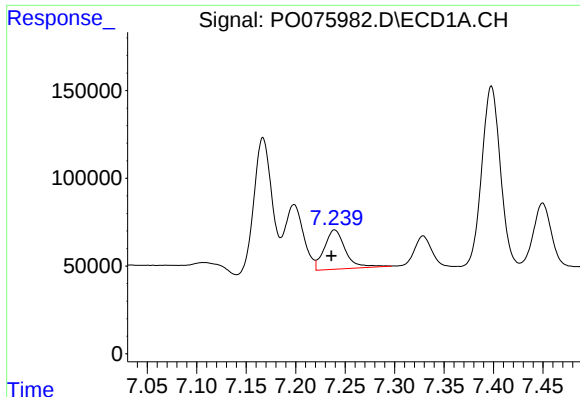
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 6.450 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

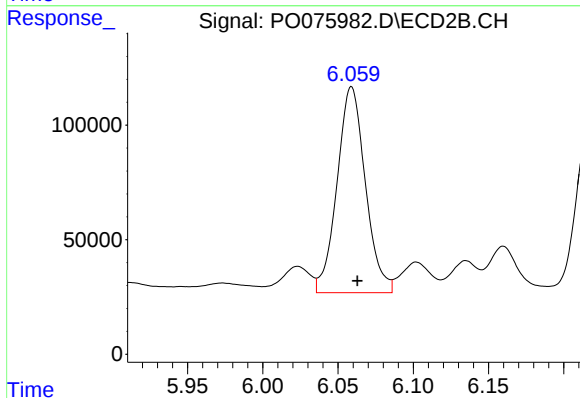
R.T.: 5.496 min  
Delta R.T.: -0.005 min  
Response: 131418  
Conc: 133.95 ng/ml



#20 AR-1242-5

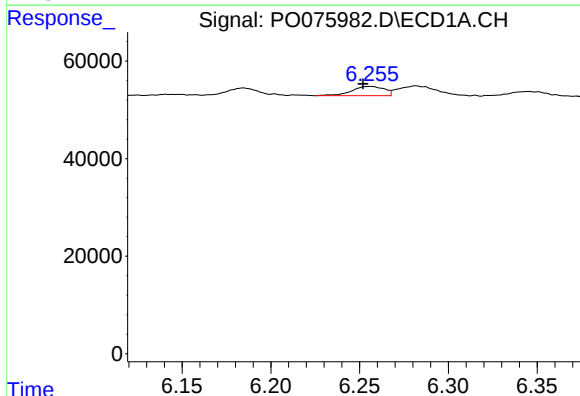
R.T.: 7.239 min  
Delta R.T.: 0.003 min  
Response: 329857  
Conc: 307.78 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



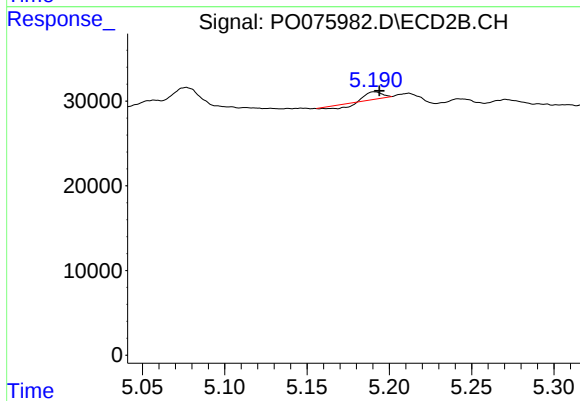
#20 AR-1242-5

R.T.: 6.059 min  
Delta R.T.: -0.004 min  
Response: 1178736  
Conc: 996.75 ng/ml



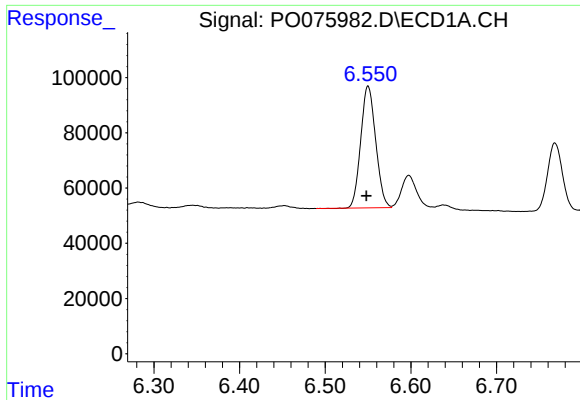
#21 AR-1248-1

R.T.: 6.256 min  
Delta R.T.: 0.004 min  
Response: 24385  
Conc: 22.37 ng/ml



#21 AR-1248-1

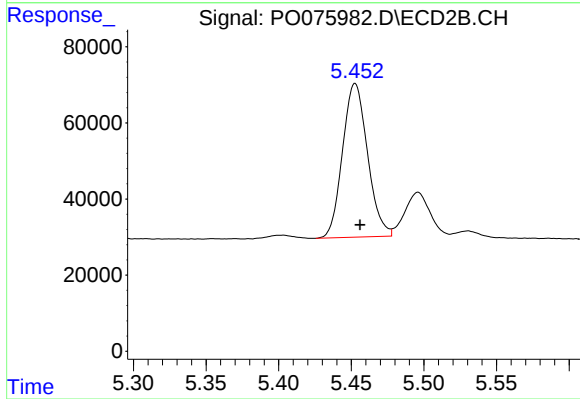
R.T.: 5.191 min  
Delta R.T.: -0.003 min  
Response: 2312  
Conc: 2.50 ng/ml



#22 AR-1248-2

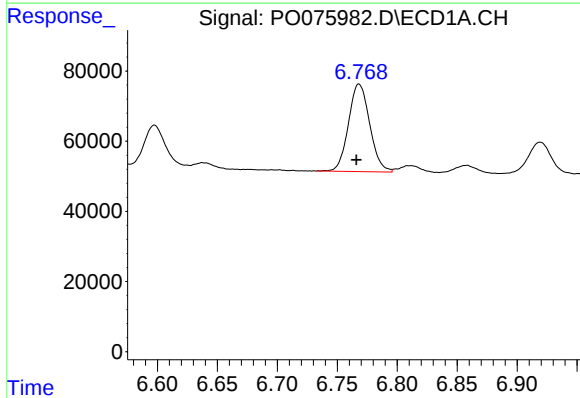
R.T.: 6.550 min  
Delta R.T.: 0.002 min  
Response: 535248  
Conc: 341.36 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



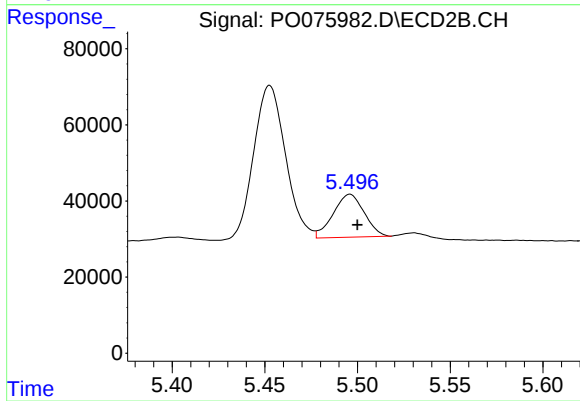
#22 AR-1248-2

R.T.: 5.453 min  
Delta R.T.: -0.003 min  
Response: 483723  
Conc: 338.09 ng/ml



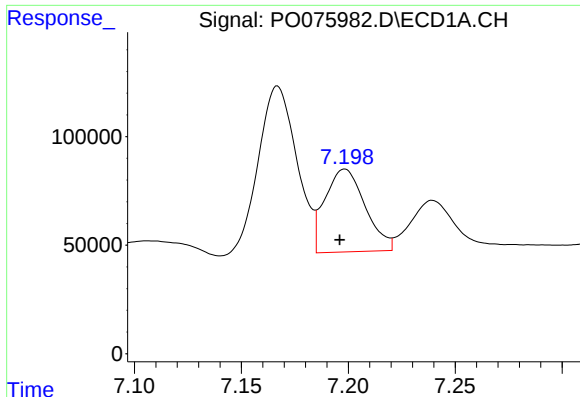
#23 AR-1248-3

R.T.: 6.768 min  
Delta R.T.: 0.002 min  
Response: 307688  
Conc: 171.30 ng/ml



#23 AR-1248-3

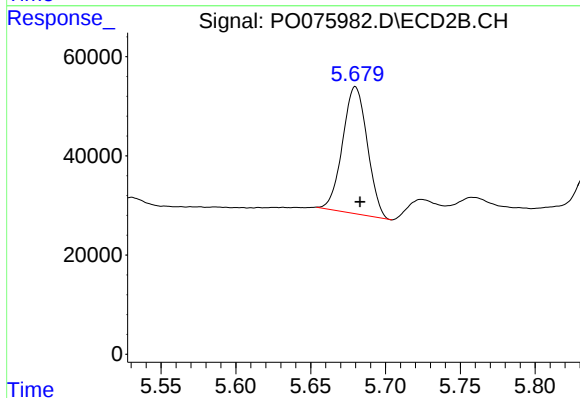
R.T.: 5.496 min  
Delta R.T.: -0.004 min  
Response: 131418  
Conc: 89.25 ng/ml



#24 AR-1248-4

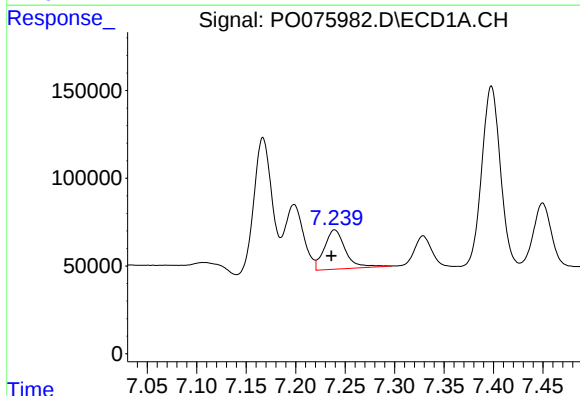
R.T.: 7.198 min  
Delta R.T.: 0.002 min  
Response: 499212  
Conc: 261.28 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



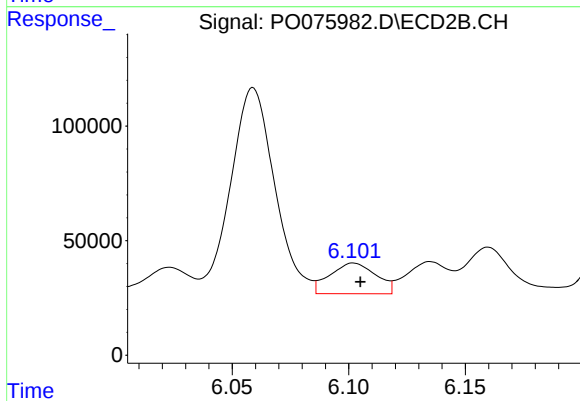
#24 AR-1248-4

R.T.: 5.680 min  
Delta R.T.: -0.003 min  
Response: 293531  
Conc: 173.75 ng/ml



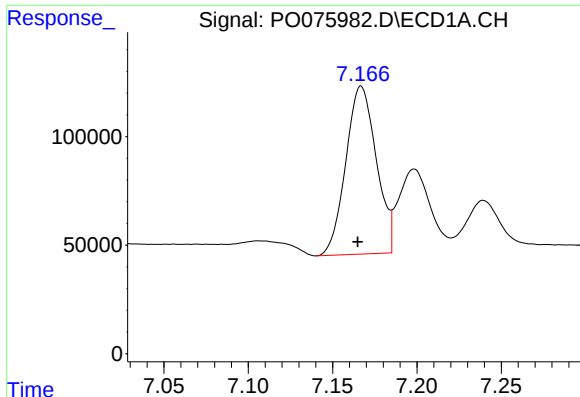
#25 AR-1248-5

R.T.: 7.239 min  
Delta R.T.: 0.003 min  
Response: 329857  
Conc: 174.23 ng/ml



#25 AR-1248-5

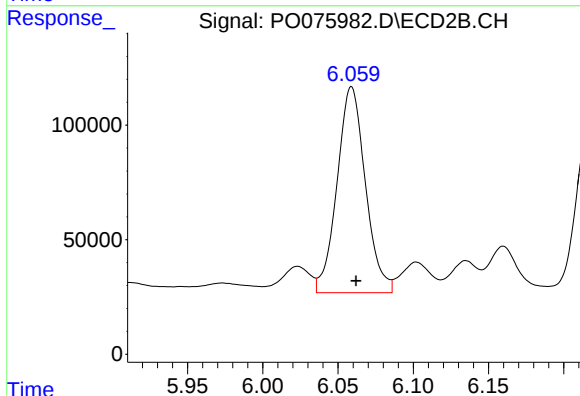
R.T.: 6.102 min  
Delta R.T.: -0.003 min  
Response: 184520  
Conc: 110.70 ng/ml



#26 AR-1254-1

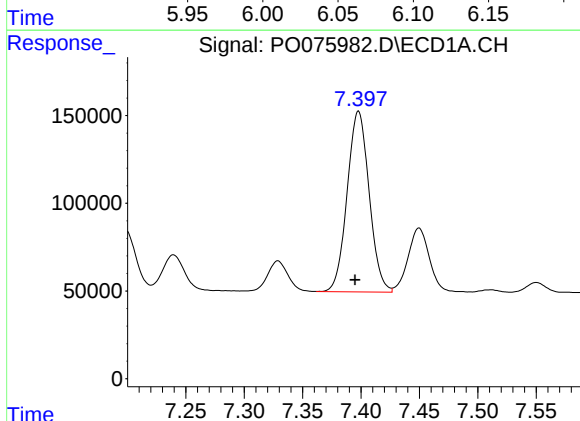
R.T.: 7.167 min  
Delta R.T.: 0.002 min  
Response: 971850  
Conc: 467.52 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



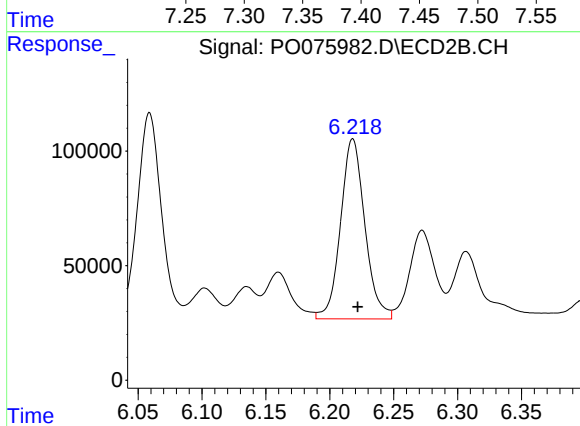
#26 AR-1254-1

R.T.: 6.059 min  
Delta R.T.: -0.003 min  
Response: 1178736  
Conc: 453.34 ng/ml



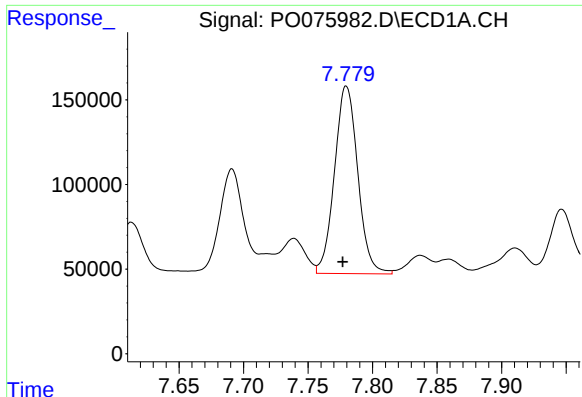
#27 AR-1254-2

R.T.: 7.398 min  
Delta R.T.: 0.003 min  
Response: 1351763  
Conc: 428.45 ng/ml



#27 AR-1254-2

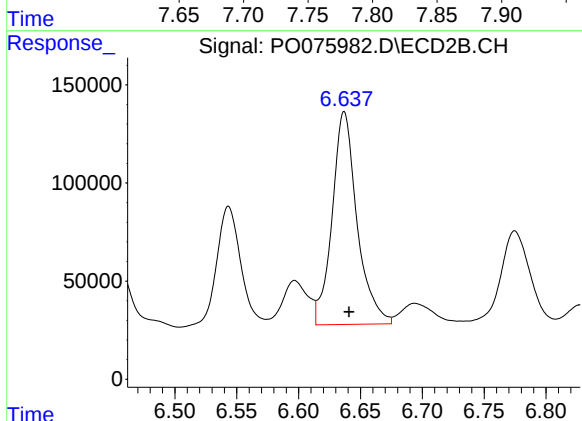
R.T.: 6.218 min  
Delta R.T.: -0.004 min  
Response: 1042933  
Conc: 454.32 ng/ml



#28 AR-1254-3

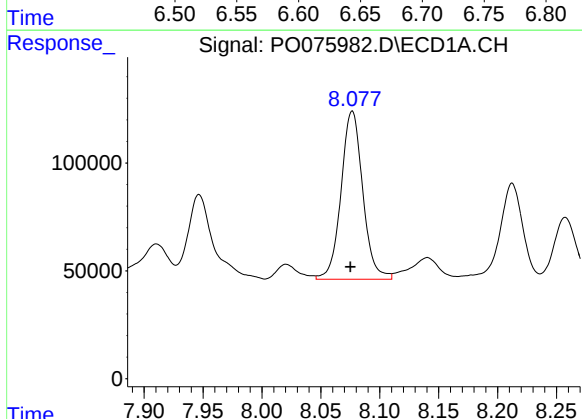
R.T.: 7.780 min  
Delta R.T.: 0.003 min  
Response: 1392959  
Conc: 446.48 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



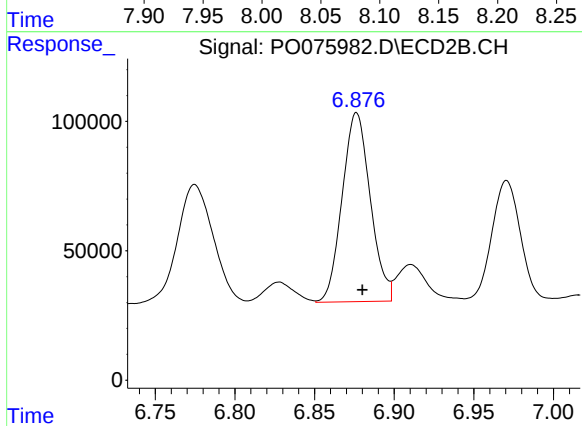
#28 AR-1254-3

R.T.: 6.637 min  
Delta R.T.: -0.004 min  
Response: 1522848  
Conc: 437.70 ng/ml



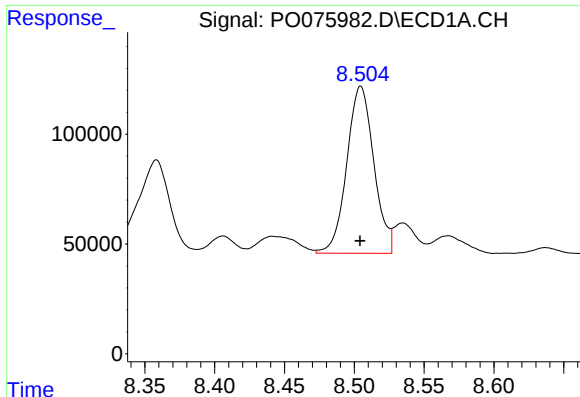
#29 AR-1254-4

R.T.: 8.077 min  
Delta R.T.: 0.002 min  
Response: 1001636  
Conc: 458.18 ng/ml



#29 AR-1254-4

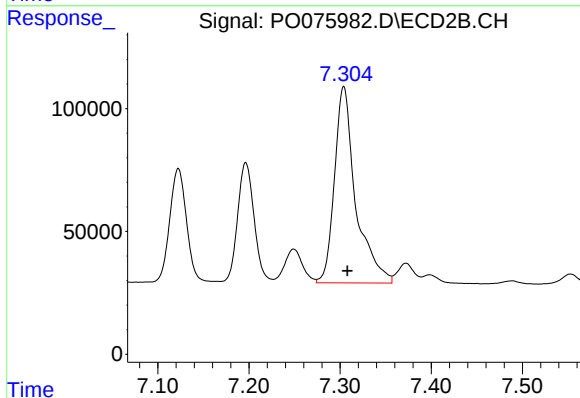
R.T.: 6.876 min  
Delta R.T.: -0.004 min  
Response: 898518  
Conc: 424.77 ng/ml



#30 AR-1254-5

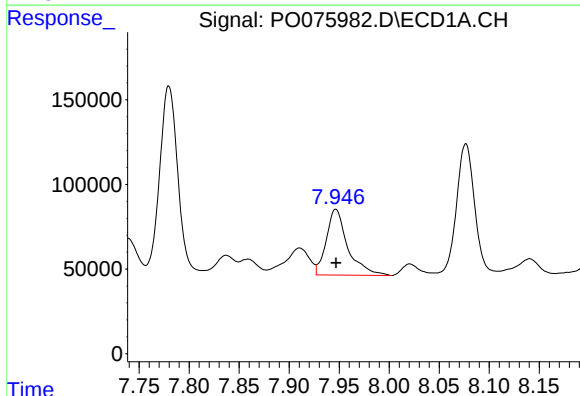
R.T.: 8.505 min  
Delta R.T.: 0.000 min  
Response: 1026918  
Conc: 451.16 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



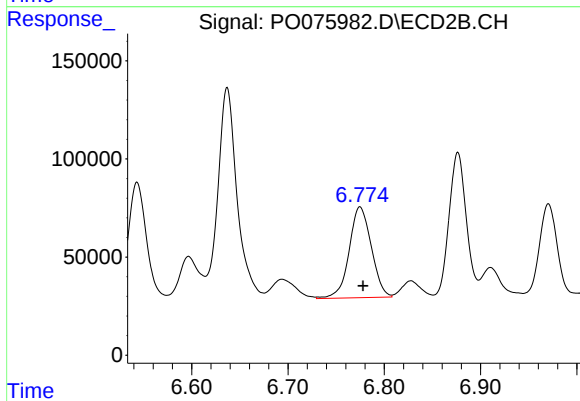
#30 AR-1254-5

R.T.: 7.304 min  
Delta R.T.: -0.004 min  
Response: 1293799  
Conc: 416.20 ng/ml



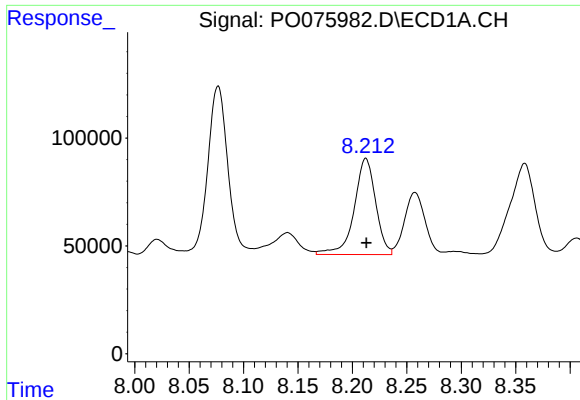
#31 AR-1260-1

R.T.: 7.947 min  
Delta R.T.: 0.000 min  
Response: 581687  
Conc: 273.46 ng/ml



#31 AR-1260-1

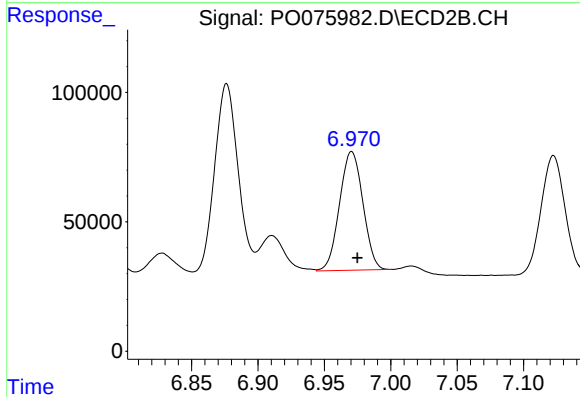
R.T.: 6.775 min  
Delta R.T.: -0.003 min  
Response: 740238  
Conc: 326.17 ng/ml



#32 AR-1260-2

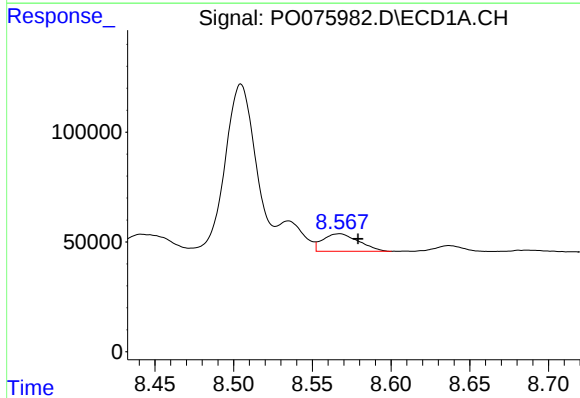
R.T.: 8.212 min  
Delta R.T.: 0.000 min  
Response: 611497  
Conc: 252.22 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



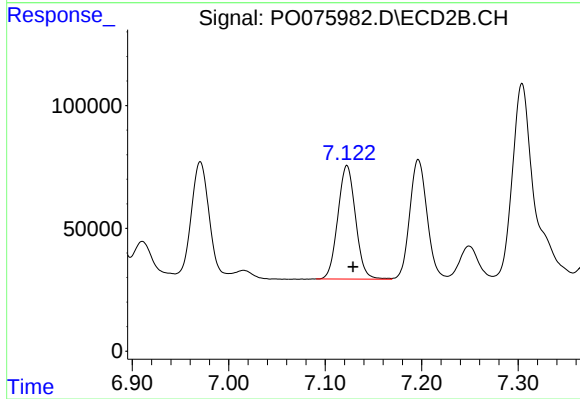
#32 AR-1260-2

R.T.: 6.971 min  
Delta R.T.: -0.004 min  
Response: 561809  
Conc: 203.01 ng/ml



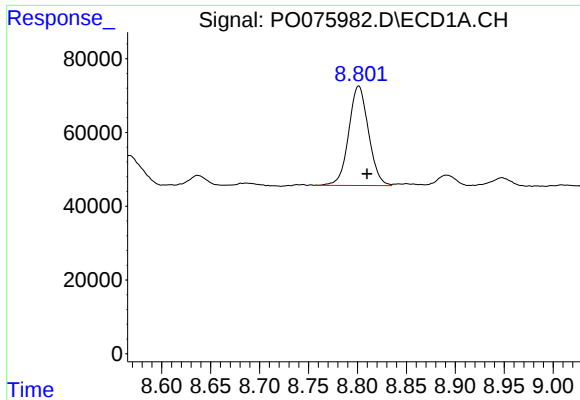
#33 AR-1260-3

R.T.: 8.567 min  
Delta R.T.: -0.012 min  
Response: 126914  
Conc: 69.81 ng/ml



#33 AR-1260-3

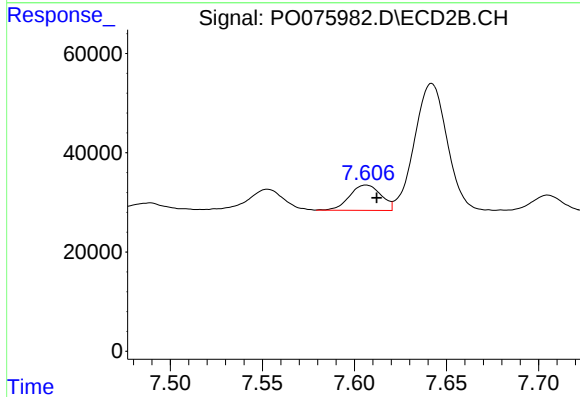
R.T.: 7.123 min  
Delta R.T.: -0.006 min  
Response: 589428  
Conc: 227.84 ng/ml



#34 AR-1260-4

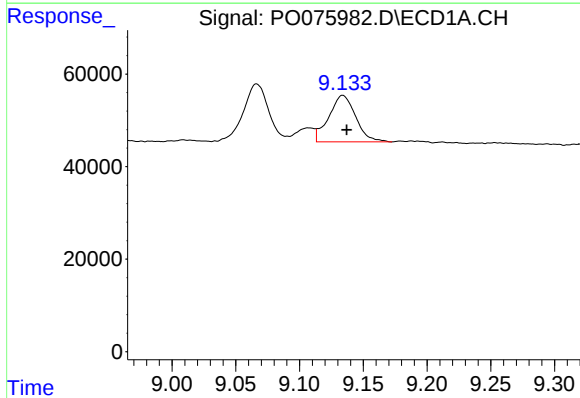
R.T.: 8.801 min  
Delta R.T.: -0.009 min  
Response: 379940  
Conc: 174.78 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



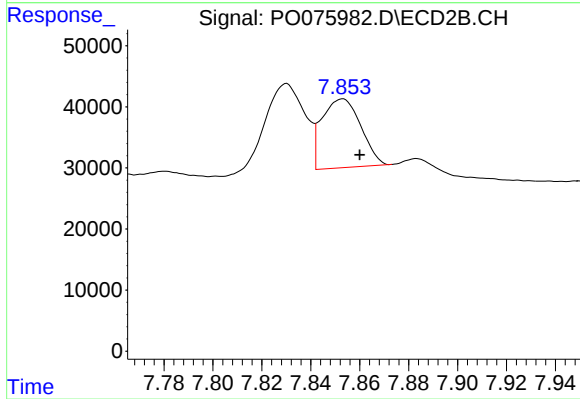
#34 AR-1260-4

R.T.: 7.606 min  
Delta R.T.: -0.006 min  
Response: 60629  
Conc: 28.71 ng/ml



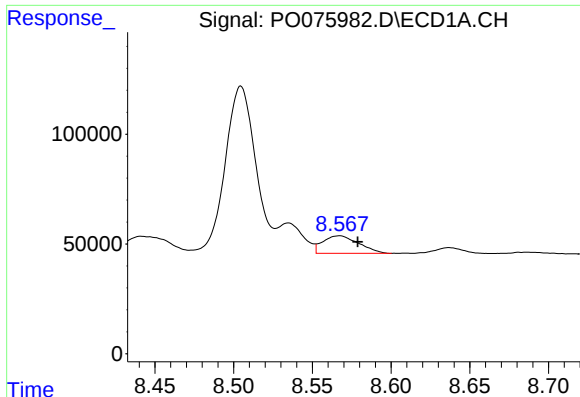
#35 AR-1260-5

R.T.: 9.134 min  
Delta R.T.: -0.003 min  
Response: 147412  
Conc: 38.72 ng/ml



#35 AR-1260-5

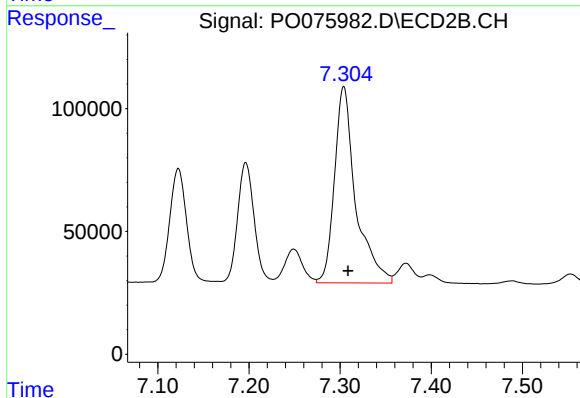
R.T.: 7.853 min  
Delta R.T.: -0.007 min  
Response: 124133  
Conc: 24.74 ng/ml



#36 AR-1262-1

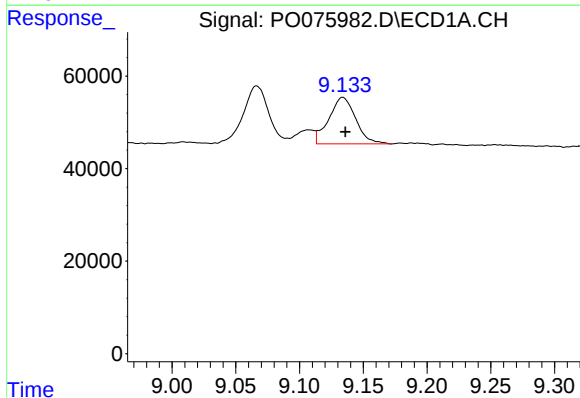
R.T.: 8.567 min  
Delta R.T.: -0.012 min  
Response: 126914  
Conc: 44.58 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



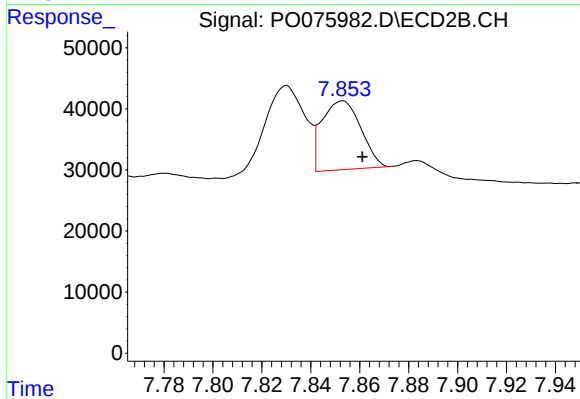
#36 AR-1262-1

R.T.: 7.304 min  
Delta R.T.: -0.005 min  
Response: 1293799  
Conc: 751.68 ng/ml



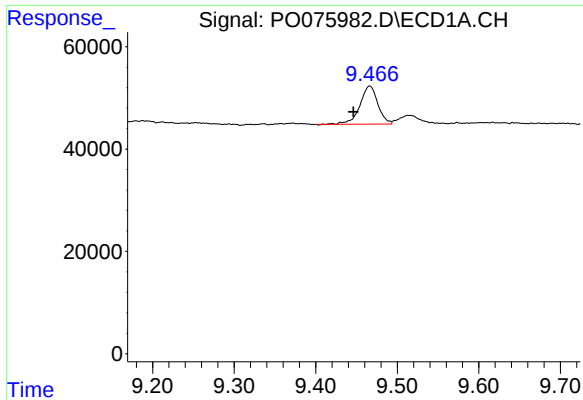
#37 AR-1262-2

R.T.: 9.134 min  
Delta R.T.: -0.002 min  
Response: 147412  
Conc: 32.35 ng/ml



#37 AR-1262-2

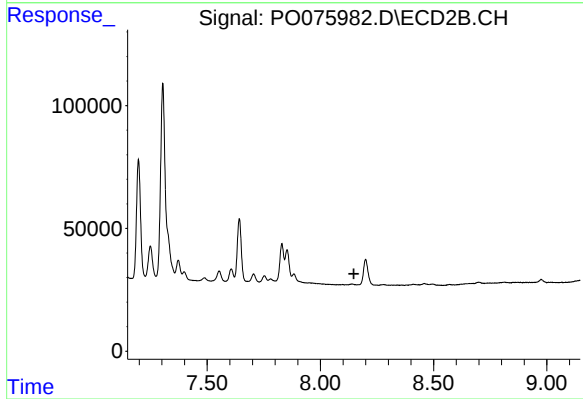
R.T.: 7.853 min  
Delta R.T.: -0.008 min  
Response: 124133  
Conc: 22.27 ng/ml



#38 AR-1262-3

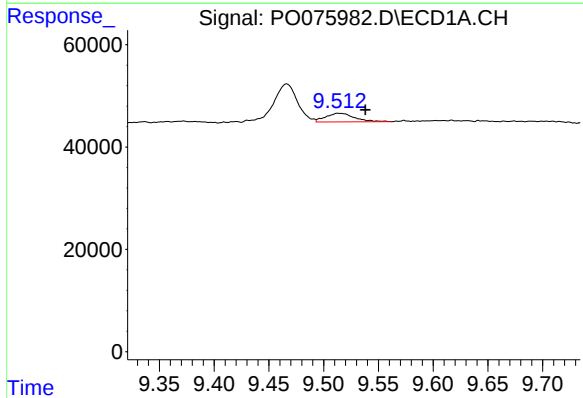
R.T.: 9.466 min  
Delta R.T.: 0.020 min  
Response: 113775  
Conc: 37.63 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



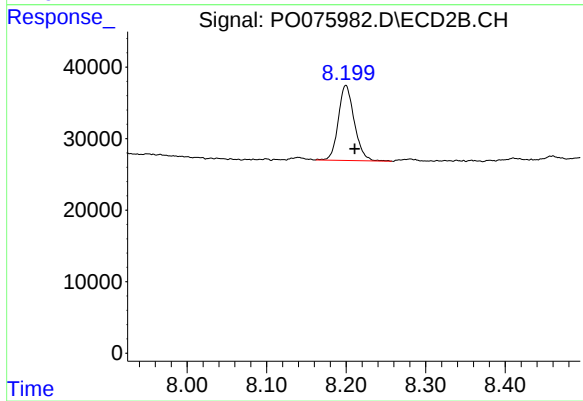
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 8.148 min  
Response: 0  
Conc: N.D.



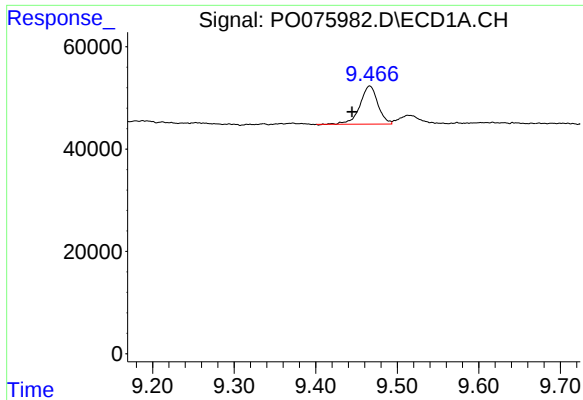
#39 AR-1262-4

R.T.: 9.513 min  
Delta R.T.: -0.025 min  
Response: 31036  
Conc: 13.59 ng/ml



#39 AR-1262-4

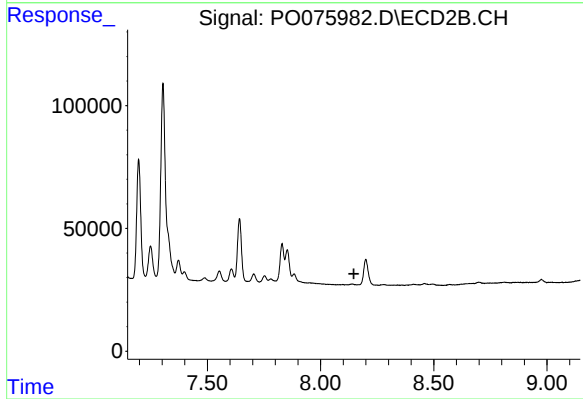
R.T.: 8.200 min  
Delta R.T.: -0.011 min  
Response: 146194  
Conc: 34.78 ng/ml



#41 AR-1268-1

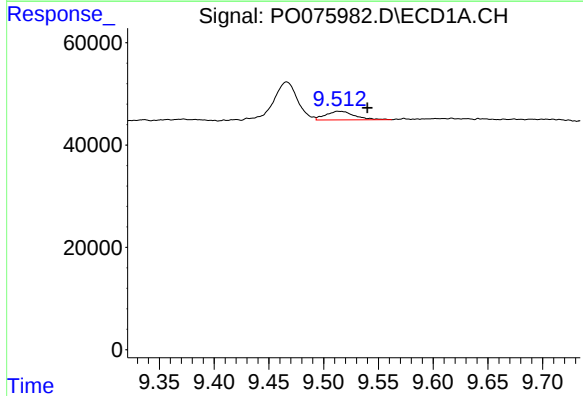
R.T.: 9.466 min  
Delta R.T.: 0.022 min  
Response: 113775  
Conc: 21.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



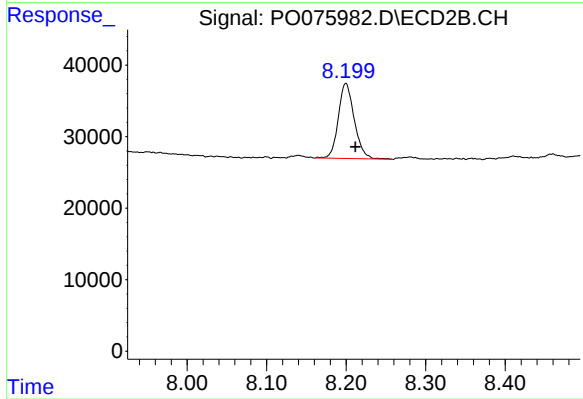
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 8.147 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 9.513 min  
Delta R.T.: -0.027 min  
Response: 31036  
Conc: 6.64 ng/ml



#42 AR-1268-2

R.T.: 8.200 min  
Delta R.T.: -0.012 min  
Response: 146194  
Conc: 24.68 ng/ml