

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\P0072921\  
 Data File : P0079975.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 30 Jul 2021 1:03  
 Operator : DD\AJ  
 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: Jul 30 03:07:48 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\P0072821.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jul 28 18:45:36 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... | 5.003  | 4.120 | 3447901 | 1313972 | 57.219   | 57.376     |
| 2)                          | SA Decachlor... | 11.117 | 9.530 | 2452638 | 1080059 | 52.284   | 51.972     |
| Target Compounds            |                 |        |       |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 6.334  | 5.398 | 23624   | 13794   | 10.747   | 14.676 #   |
| 4)                          | L1 AR-1016-2    | 6.359  | 5.419 | 36427   | 11041   | 11.939   | 8.679 #    |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.665 | 0       | 321582  | N.D.     | 532.187 #  |
| 7)                          | L1 AR-1016-5    | 6.848  | 5.899 | 385323  | 171648  | 254.689  | 233.075    |
| 9)                          | L2 AR-1221-2    | 5.357  | 4.480 | 42628   | 20385   | 92.835   | 95.047     |
| 12)                         | L3 AR-1232-2    | 0.000  | 5.419 | 0       | 11041   | N.D.     | 19.634 #   |
| 13)                         | L3 AR-1232-3    | 6.359  | 0.000 | 36427   | 0       | 27.332   | N.D. #     |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.710 | 0       | 100408  | N.D.     | 352.718 #  |
| 15)                         | L3 AR-1232-5    | 6.630  | 5.899 | 678541  | 171648  | 1519.501 | 571.564 #  |
| 16)                         | L4 AR-1242-1    | 6.334  | 5.398 | 23624   | 13794   | 14.174   | 19.369 #   |
| 17)                         | L4 AR-1242-2    | 6.359  | 5.419 | 36427   | 11041   | 15.839   | 11.402 #   |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.710 | 0       | 100408  | N.D.     | 178.815 #  |
| 20)                         | L4 AR-1242-5    | 7.321  | 6.284 | 417839  | 740302  | 329.115  | 1137.714 # |
| 21)                         | L5 AR-1248-1    | 6.334  | 5.398 | 23624   | 13794   | 18.635   | 24.981 #   |
| 22)                         | L5 AR-1248-2    | 6.630  | 5.665 | 678541  | 321582  | 389.218  | 390.323    |
| 23)                         | L5 AR-1248-3    | 6.848  | 5.710 | 385323  | 100408  | 188.007  | 120.989 #  |
| 24)                         | L5 AR-1248-4    | 7.279  | 5.899 | 610653  | 171648  | 260.863  | 181.652 #  |
| 25)                         | L5 AR-1248-5    | 7.321  | 6.327 | 417839  | 101836  | 183.745  | 111.066 #  |
| 26)                         | L6 AR-1254-1    | 7.249  | 6.284 | 1200825 | 740302  | 549.730  | 545.917    |
| 27)                         | L6 AR-1254-2    | 7.479  | 6.445 | 1759210 | 648643  | 535.731  | 540.962    |
| 28)                         | L6 AR-1254-3    | 7.862  | 6.872 | 1754924 | 1019639 | 509.685  | 544.950    |
| 29)                         | L6 AR-1254-4    | 8.160  | 7.114 | 1341743 | 631727  | 527.543  | 533.603    |
| 30)                         | L6 AR-1254-5    | 8.590  | 7.549 | 1335568 | 849759  | 502.197  | 530.471    |
| 31)                         | L7 AR-1260-1    | 8.030  | 7.011 | 584546  | 504701  | 238.254  | 389.922 #  |
| 32)                         | L7 AR-1260-2    | 8.297  | 7.208 | 782257  | 391792  | 254.544  | 256.114    |
| 33)                         | L7 AR-1260-3    | 8.652  | 7.366 | 158008  | 406236  | 71.261   | 278.232 #  |
| 34)                         | L7 AR-1260-4    | 8.889  | 7.856 | 526876  | 42257   | 205.243  | 35.661 #   |
| 35)                         | L7 AR-1260-5    | 9.231  | 8.106 | 181065  | 99190   | 35.413   | 37.548     |
| 36)                         | L8 AR-1262-1    | 8.652  | 7.549 | 158008  | 849759  | 49.413   | 1009.515 # |
| 37)                         | L8 AR-1262-2    | 9.231  | 8.106 | 181065  | 99190   | 33.432   | 36.941     |
| 38)                         | L8 AR-1262-3    | 9.574f | 0.000 | 138740  | 0       | 36.683   | N.D. #     |
| 39)                         | L8 AR-1262-4    | 9.624f | 8.459 | 32361   | 92469   | 11.453   | 46.248 #   |
| 41)                         | L9 AR-1268-1    | 9.574f | 0.000 | 138740  | 0       | 21.430   | N.D. #     |
| 42)                         | L9 AR-1268-2    | 9.624f | 8.459 | 32361   | 92469   | 5.438    | 33.984 #   |
| -----                       |                 |        |       |         |         |          |            |

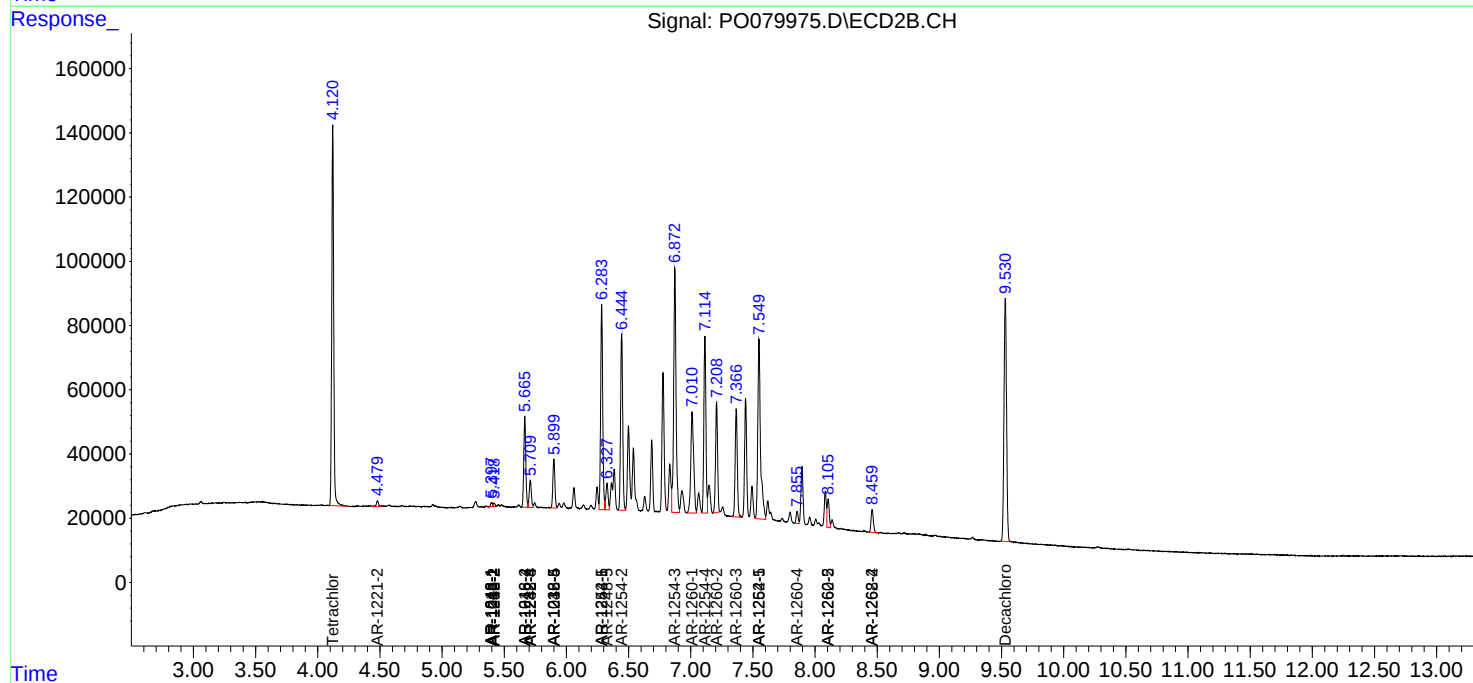
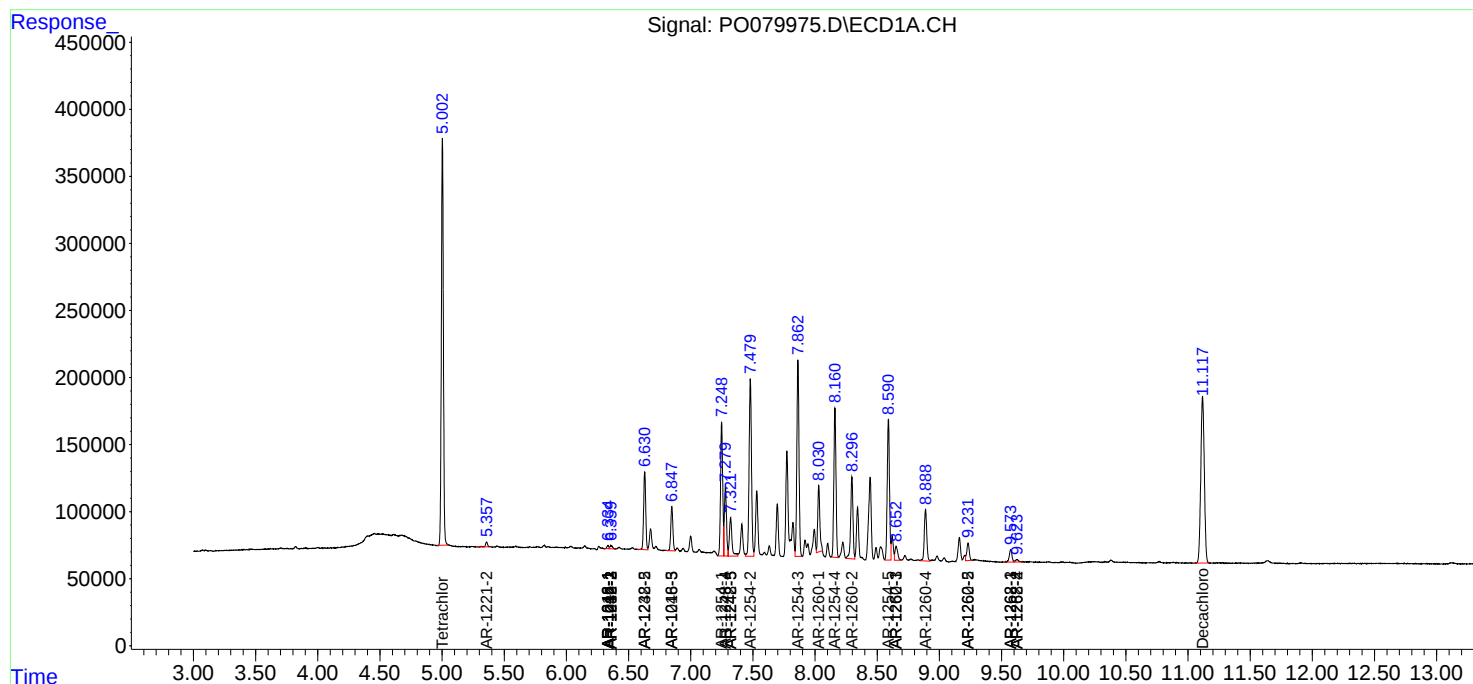
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

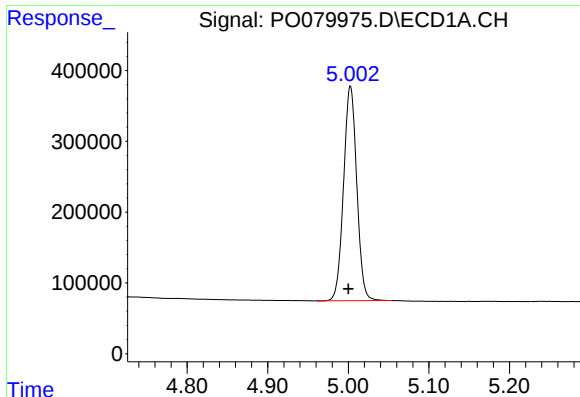
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\P0072921\  
Data File : P0079975.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 30 Jul 2021 1:03  
Operator : DD\AJ  
Sample : AR1254CCC500  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 30 03:07:48 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\P0072821.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jul 28 18:45:36 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

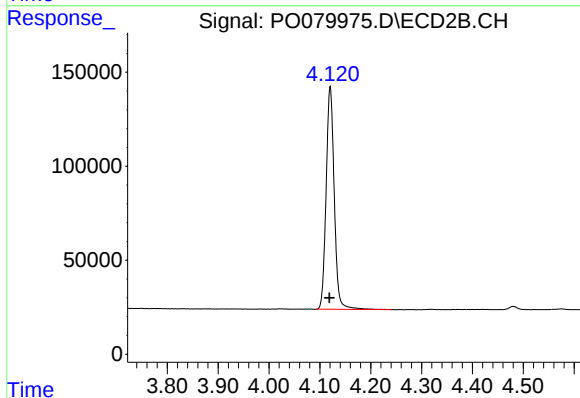




#1 Tetrachloro-m-xylene

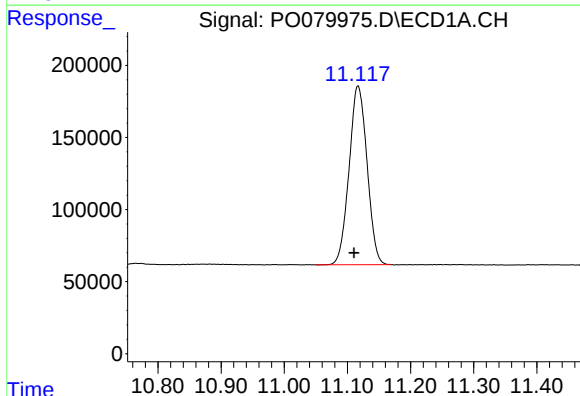
R.T.: 5.003 min  
Delta R.T.: 0.003 min  
Response: 3447901  
Conc: 57.22 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



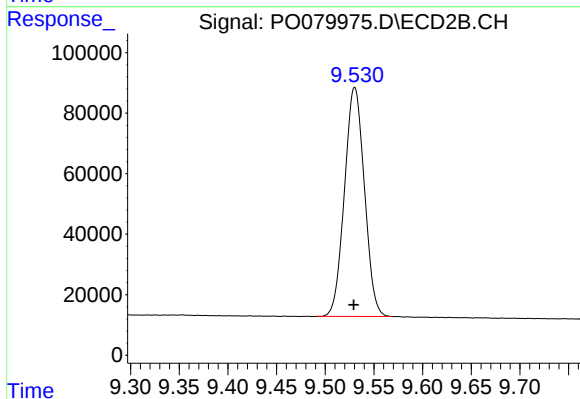
#1 Tetrachloro-m-xylene

R.T.: 4.120 min  
Delta R.T.: 0.001 min  
Response: 1313972  
Conc: 57.38 ng/ml



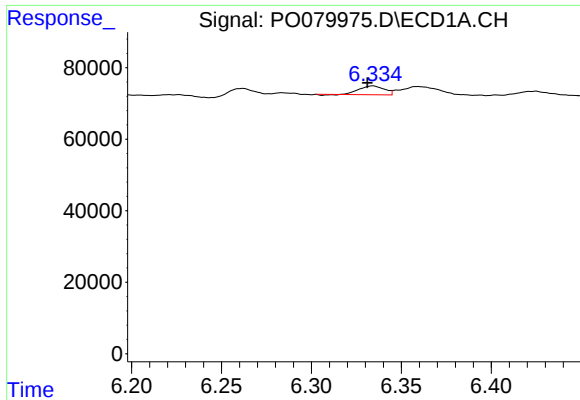
#2 Decachlorobiphenyl

R.T.: 11.117 min  
Delta R.T.: 0.006 min  
Response: 2452638  
Conc: 52.28 ng/ml



#2 Decachlorobiphenyl

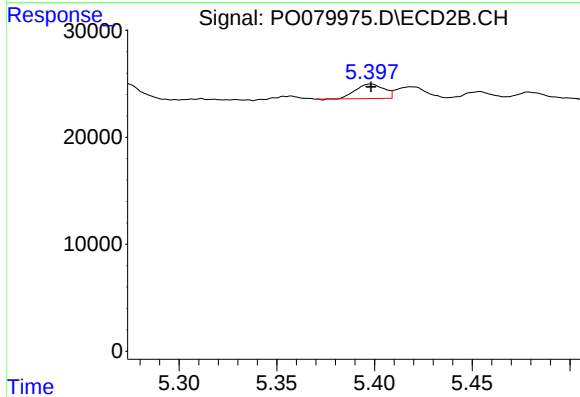
R.T.: 9.530 min  
Delta R.T.: 0.000 min  
Response: 1080059  
Conc: 51.97 ng/ml



#3 AR-1016-1

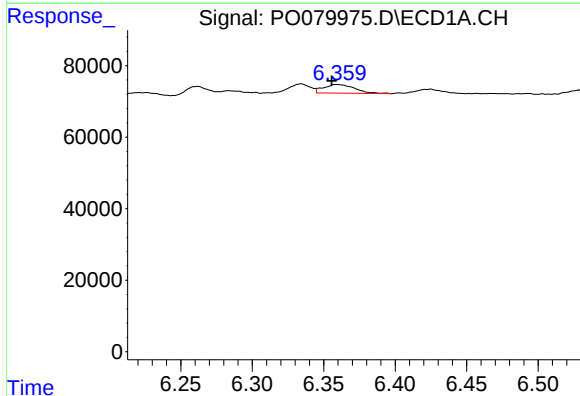
R.T.: 6.334 min  
Delta R.T.: 0.003 min  
Response: 23624  
Conc: 10.75 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



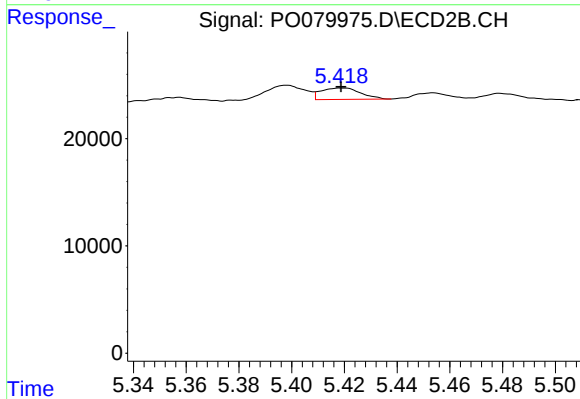
#3 AR-1016-1

R.T.: 5.398 min  
Delta R.T.: 0.000 min  
Response: 13794  
Conc: 14.68 ng/ml



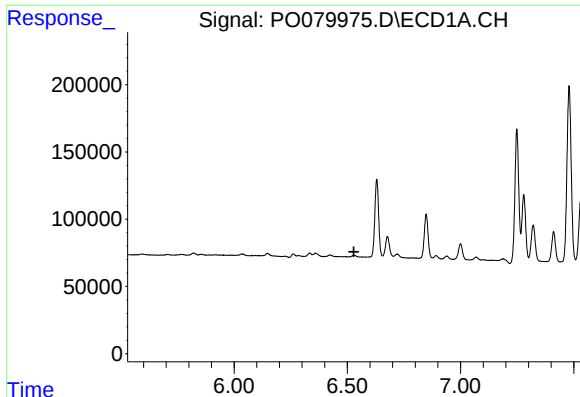
#4 AR-1016-2

R.T.: 6.359 min  
Delta R.T.: 0.004 min  
Response: 36427  
Conc: 11.94 ng/ml



#4 AR-1016-2

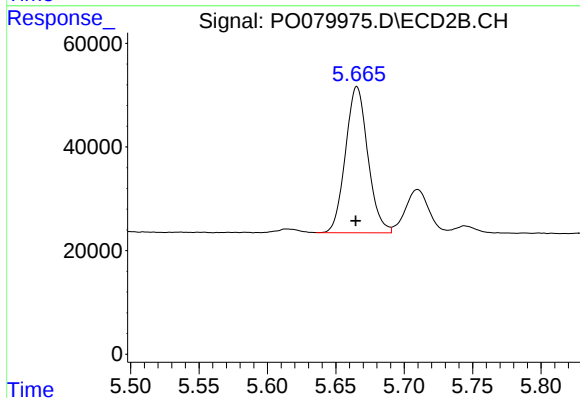
R.T.: 5.419 min  
Delta R.T.: 0.000 min  
Response: 11041  
Conc: 8.68 ng/ml



#6 AR-1016-4

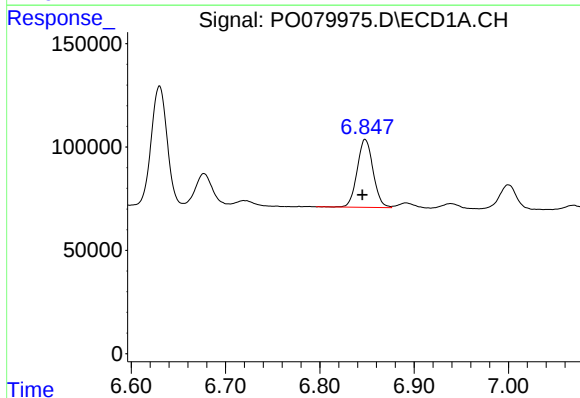
R.T.: 0.000 min  
Exp R.T.: 6.529 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



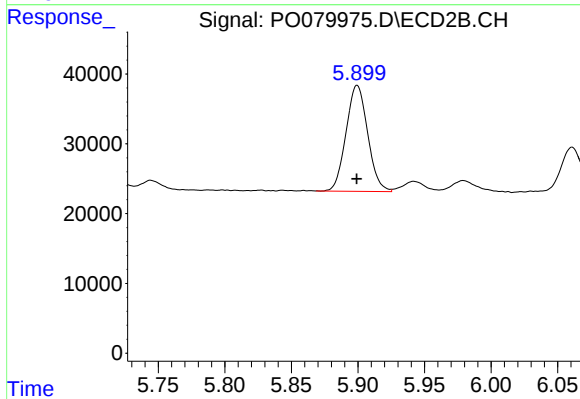
#6 AR-1016-4

R.T.: 5.665 min  
Delta R.T.: 0.000 min  
Response: 321582  
Conc: 532.19 ng/ml



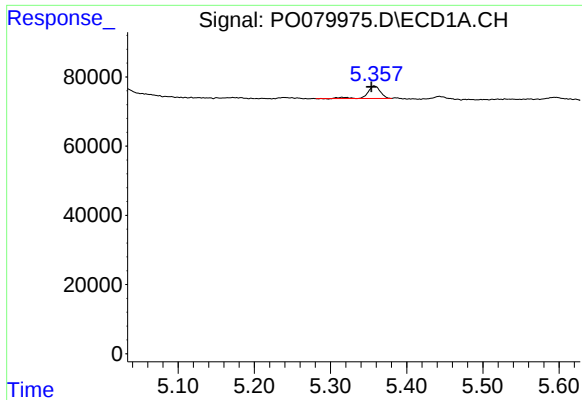
#7 AR-1016-5

R.T.: 6.848 min  
Delta R.T.: 0.003 min  
Response: 385323  
Conc: 254.69 ng/ml



#7 AR-1016-5

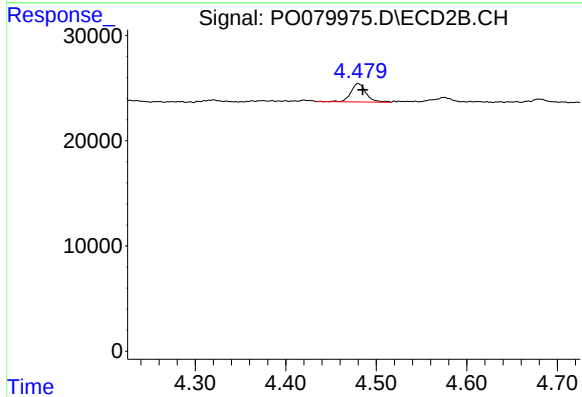
R.T.: 5.899 min  
Delta R.T.: 0.000 min  
Response: 171648  
Conc: 233.07 ng/ml



#9 AR-1221-2

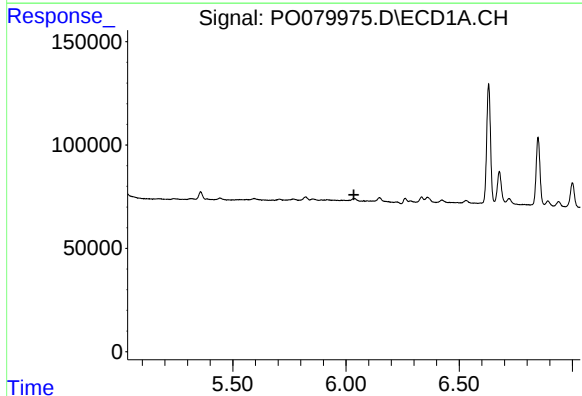
R.T.: 5.357 min  
Delta R.T.: 0.004 min  
Response: 42628  
Conc: 92.84 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



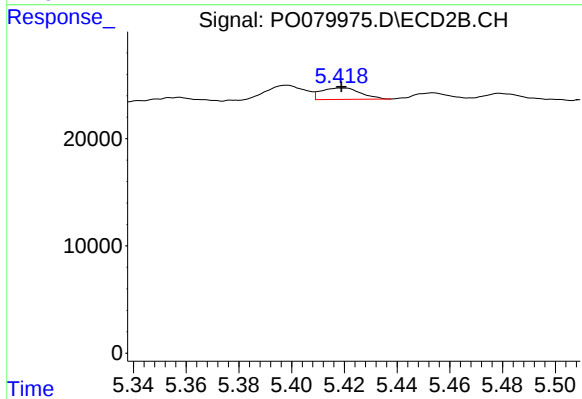
#9 AR-1221-2

R.T.: 4.480 min  
Delta R.T.: -0.005 min  
Response: 20385  
Conc: 95.05 ng/ml



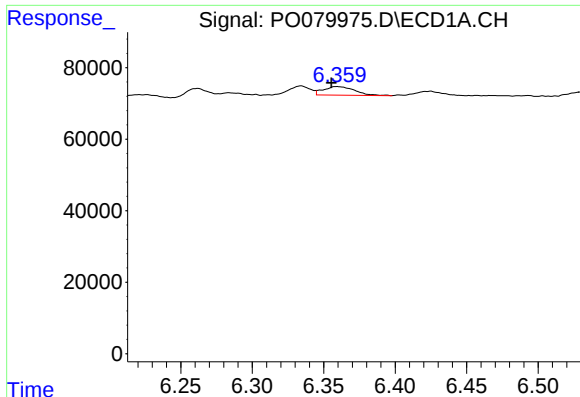
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 6.035 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

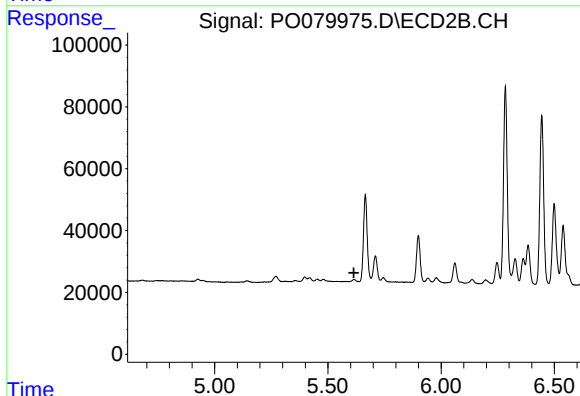
R.T.: 5.419 min  
Delta R.T.: 0.000 min  
Response: 11041  
Conc: 19.63 ng/ml



#13 AR-1232-3

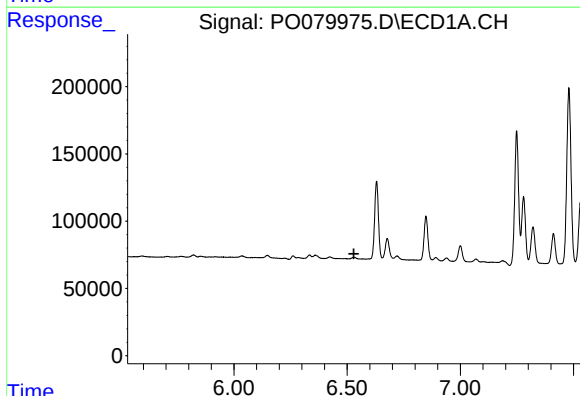
R.T.: 6.359 min  
Delta R.T.: 0.004 min  
Response: 36427  
Conc: 27.33 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



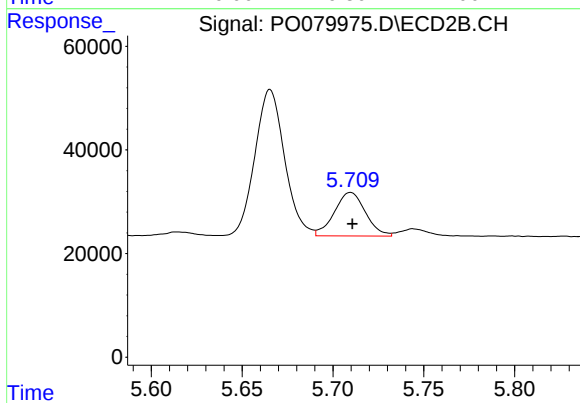
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.615 min  
Response: 0  
Conc: N.D.



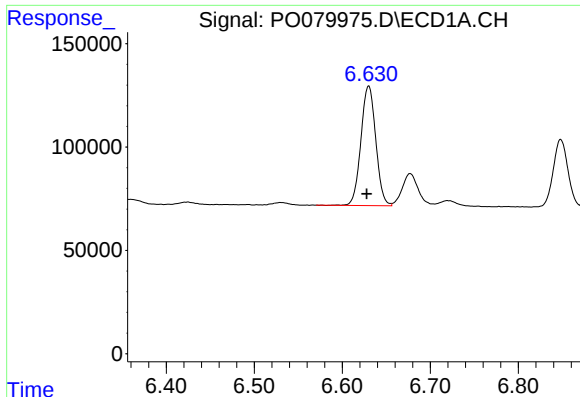
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 5.615 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

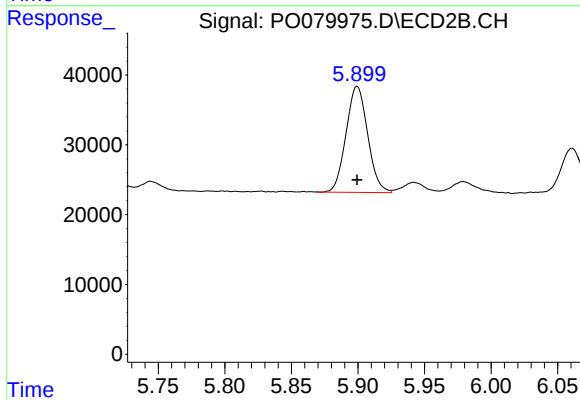
R.T.: 5.710 min  
Delta R.T.: -0.001 min  
Response: 100408  
Conc: 352.72 ng/ml



#15 AR-1232-5

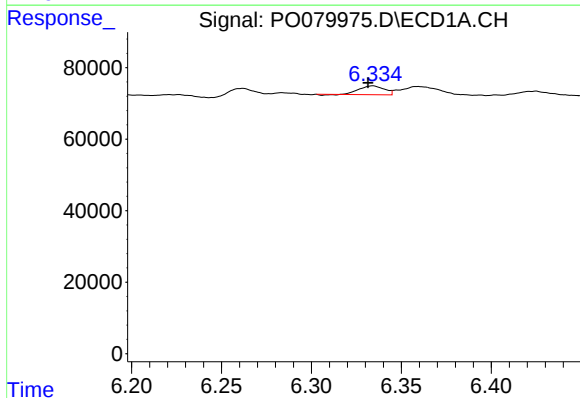
R.T.: 6.630 min  
Delta R.T.: 0.002 min  
Response: 678541  
Conc: 1519.50 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



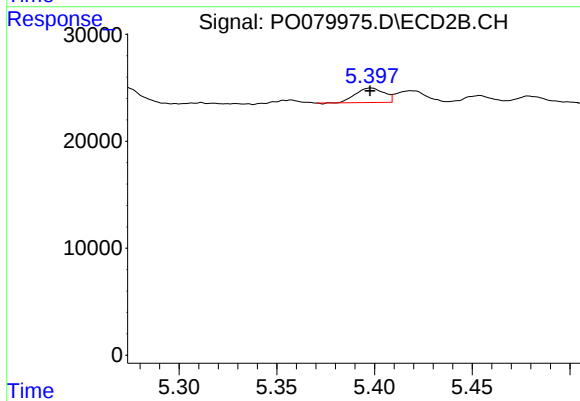
#15 AR-1232-5

R.T.: 5.899 min  
Delta R.T.: 0.000 min  
Response: 171648  
Conc: 571.56 ng/ml



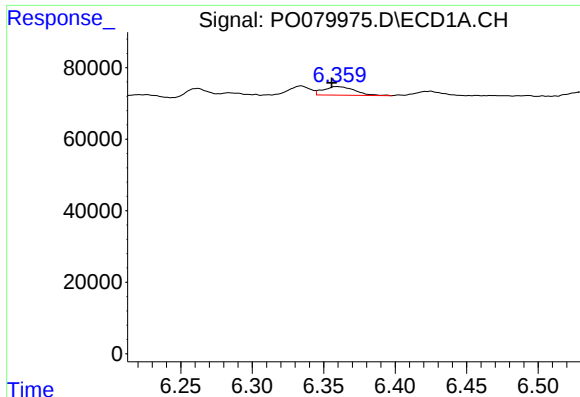
#16 AR-1242-1

R.T.: 6.334 min  
Delta R.T.: 0.002 min  
Response: 23624  
Conc: 14.17 ng/ml



#16 AR-1242-1

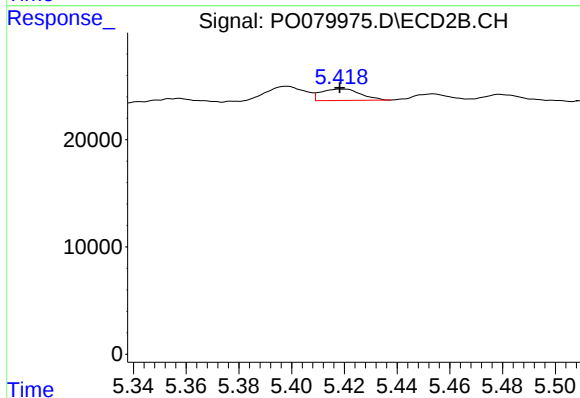
R.T.: 5.398 min  
Delta R.T.: 0.000 min  
Response: 13794  
Conc: 19.37 ng/ml



#17 AR-1242-2

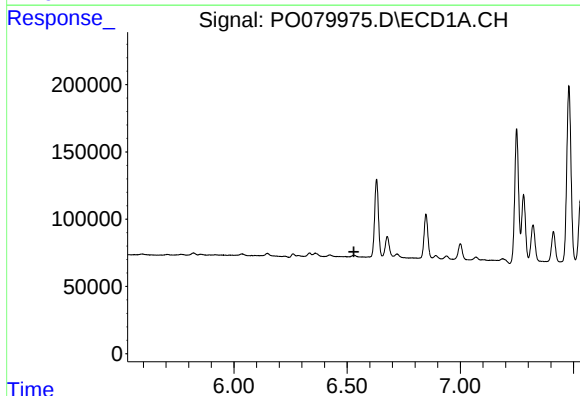
R.T.: 6.359 min  
Delta R.T.: 0.004 min  
Response: 36427  
Conc: 15.84 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



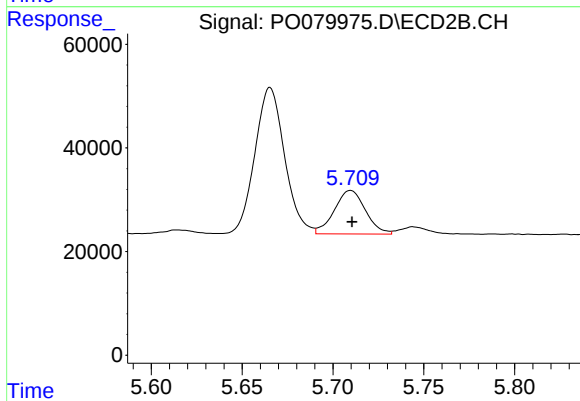
#17 AR-1242-2

R.T.: 5.419 min  
Delta R.T.: 0.000 min  
Response: 11041  
Conc: 11.40 ng/ml



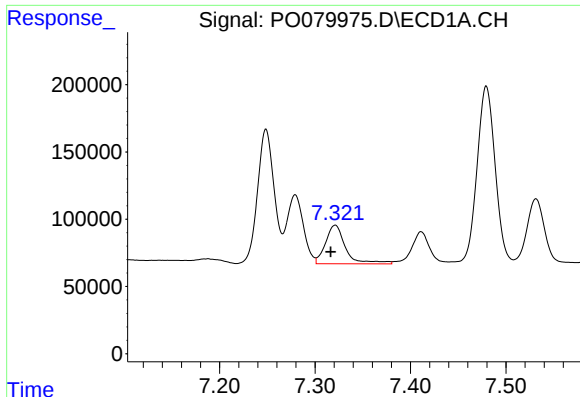
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 6.529 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

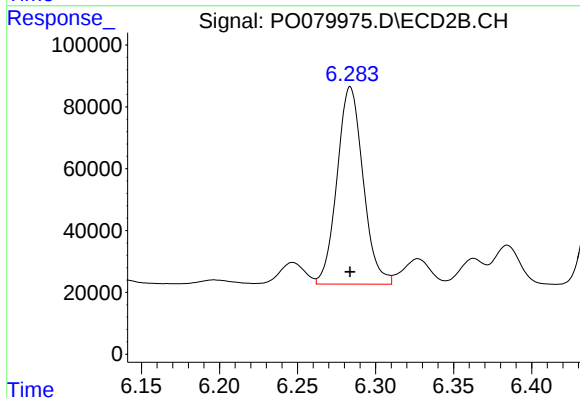
R.T.: 5.710 min  
Delta R.T.: 0.000 min  
Response: 100408  
Conc: 178.82 ng/ml



#20 AR-1242-5

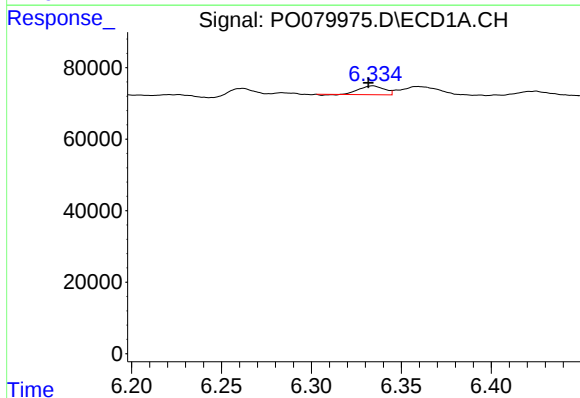
R.T.: 7.321 min  
Delta R.T.: 0.005 min  
Response: 417839  
Conc: 329.12 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



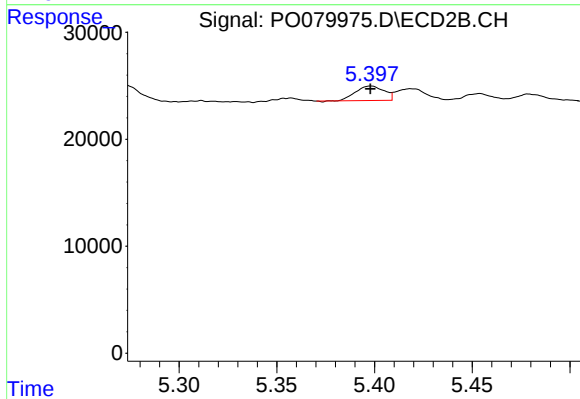
#20 AR-1242-5

R.T.: 6.284 min  
Delta R.T.: 0.000 min  
Response: 740302  
Conc: 1137.71 ng/ml



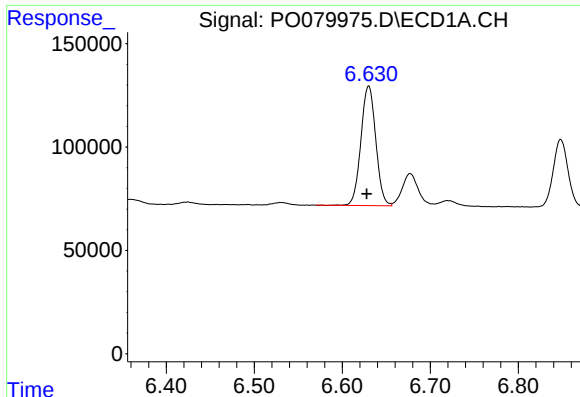
#21 AR-1248-1

R.T.: 6.334 min  
Delta R.T.: 0.002 min  
Response: 23624  
Conc: 18.64 ng/ml



#21 AR-1248-1

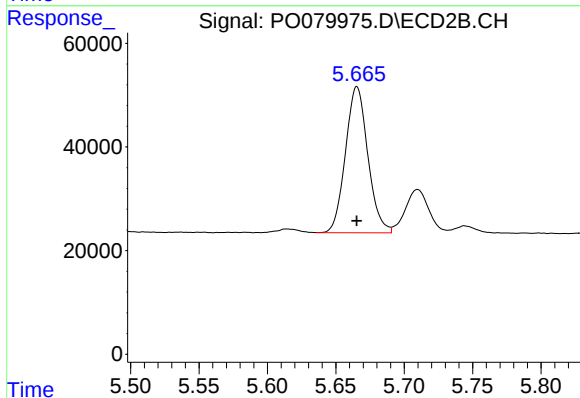
R.T.: 5.398 min  
Delta R.T.: 0.000 min  
Response: 13794  
Conc: 24.98 ng/ml



#22 AR-1248-2

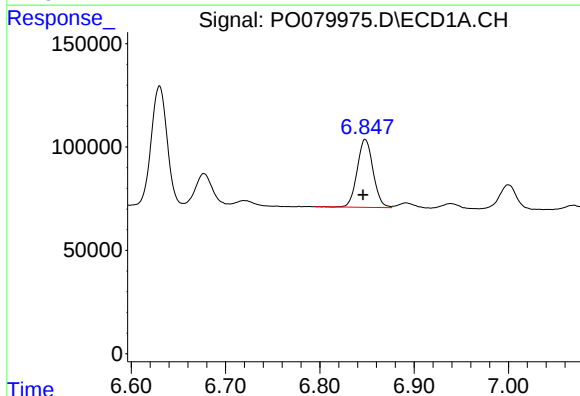
R.T.: 6.630 min  
Delta R.T.: 0.002 min  
Response: 678541  
Conc: 389.22 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



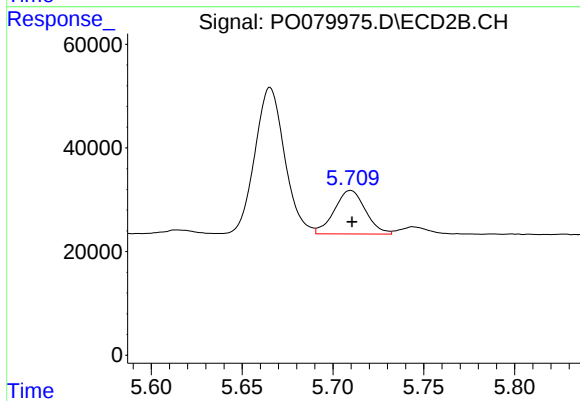
#22 AR-1248-2

R.T.: 5.665 min  
Delta R.T.: 0.000 min  
Response: 321582  
Conc: 390.32 ng/ml



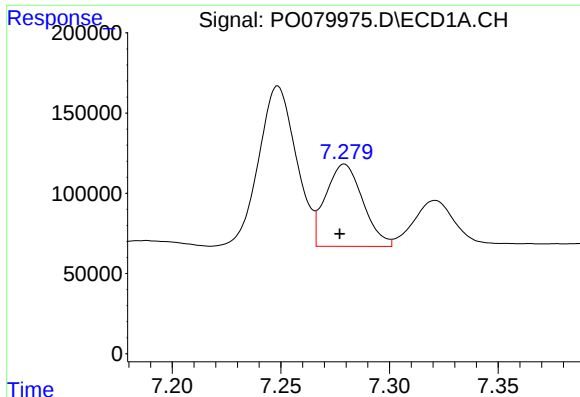
#23 AR-1248-3

R.T.: 6.848 min  
Delta R.T.: 0.002 min  
Response: 385323  
Conc: 188.01 ng/ml



#23 AR-1248-3

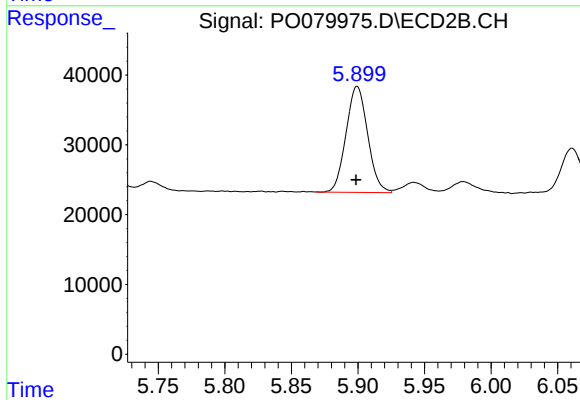
R.T.: 5.710 min  
Delta R.T.: 0.000 min  
Response: 100408  
Conc: 120.99 ng/ml



#24 AR-1248-4

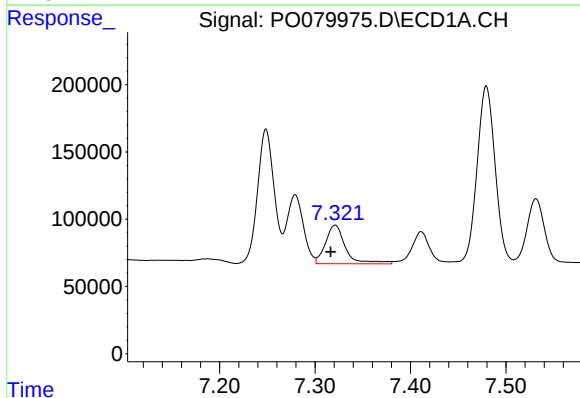
R.T.: 7.279 min  
Delta R.T.: 0.002 min  
Response: 610653  
Conc: 260.86 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



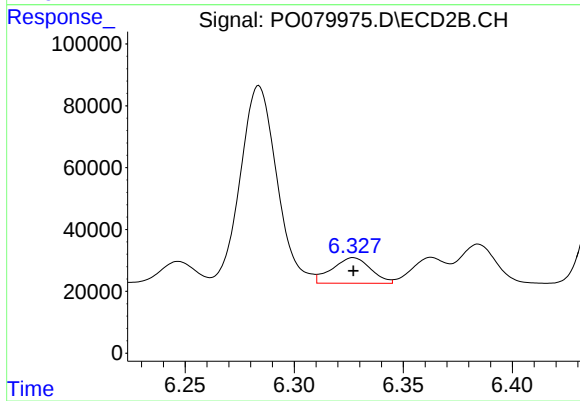
#24 AR-1248-4

R.T.: 5.899 min  
Delta R.T.: 0.000 min  
Response: 171648  
Conc: 181.65 ng/ml



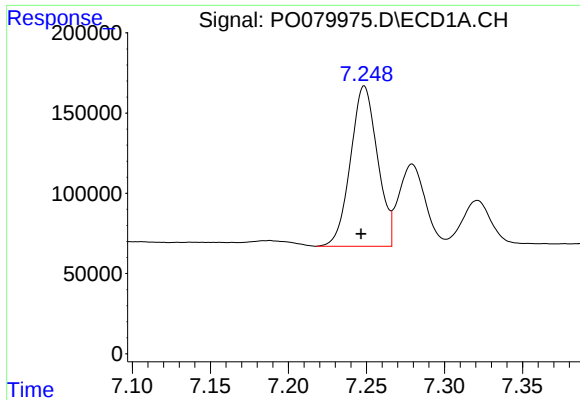
#25 AR-1248-5

R.T.: 7.321 min  
Delta R.T.: 0.005 min  
Response: 417839  
Conc: 183.74 ng/ml



#25 AR-1248-5

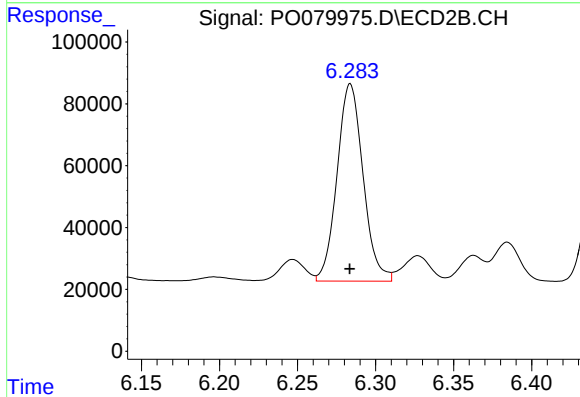
R.T.: 6.327 min  
Delta R.T.: 0.000 min  
Response: 101836  
Conc: 111.07 ng/ml



#26 AR-1254-1

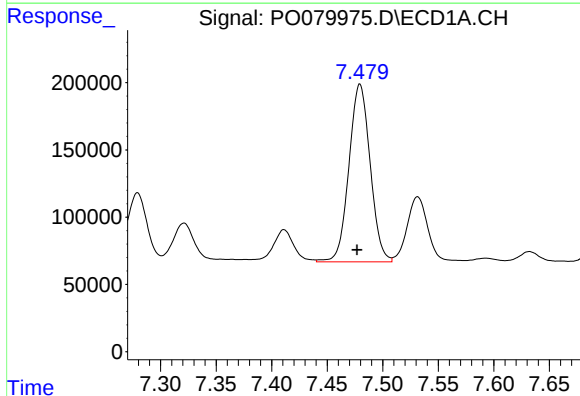
R.T.: 7.249 min  
Delta R.T.: 0.002 min  
Response: 1200825  
Conc: 549.73 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



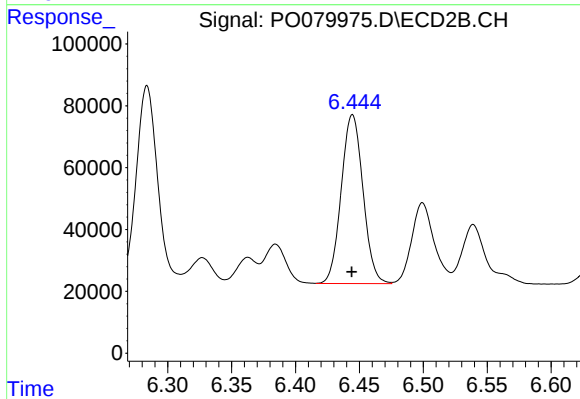
#26 AR-1254-1

R.T.: 6.284 min  
Delta R.T.: 0.000 min  
Response: 740302  
Conc: 545.92 ng/ml



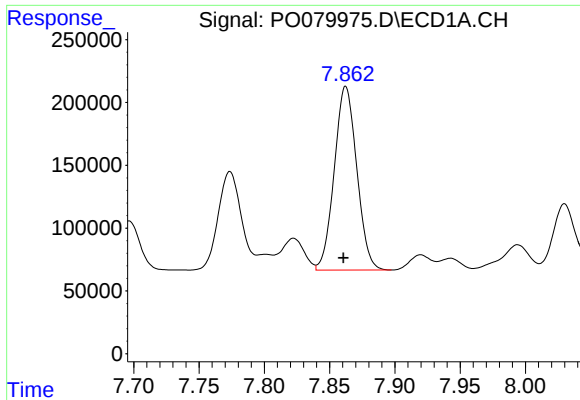
#27 AR-1254-2

R.T.: 7.479 min  
Delta R.T.: 0.003 min  
Response: 1759210  
Conc: 535.73 ng/ml



#27 AR-1254-2

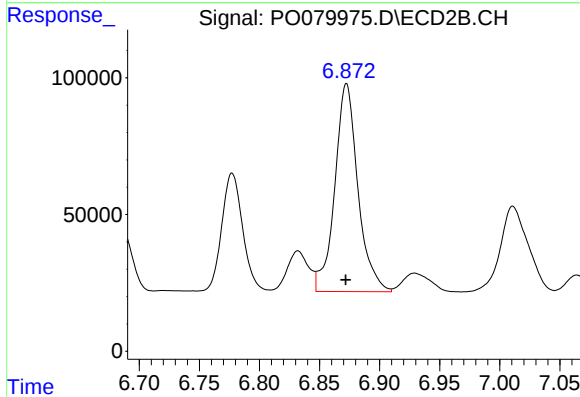
R.T.: 6.445 min  
Delta R.T.: 0.000 min  
Response: 648643  
Conc: 540.96 ng/ml



#28 AR-1254-3

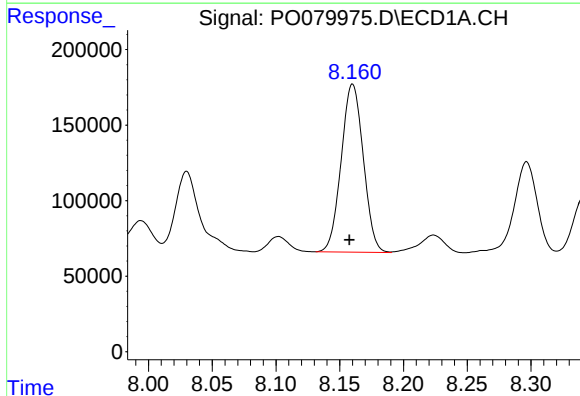
R.T.: 7.862 min  
Delta R.T.: 0.002 min  
Response: 1754924  
Conc: 509.68 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



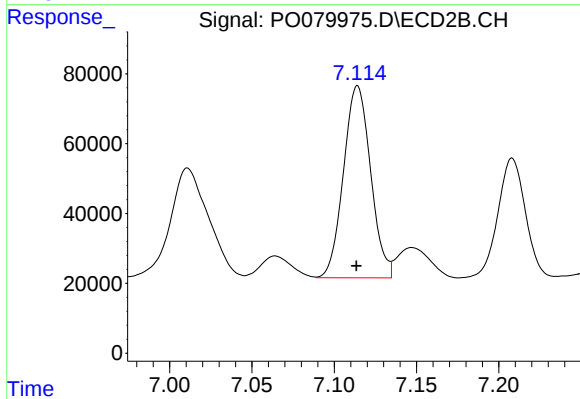
#28 AR-1254-3

R.T.: 6.872 min  
Delta R.T.: 0.000 min  
Response: 1019639  
Conc: 544.95 ng/ml



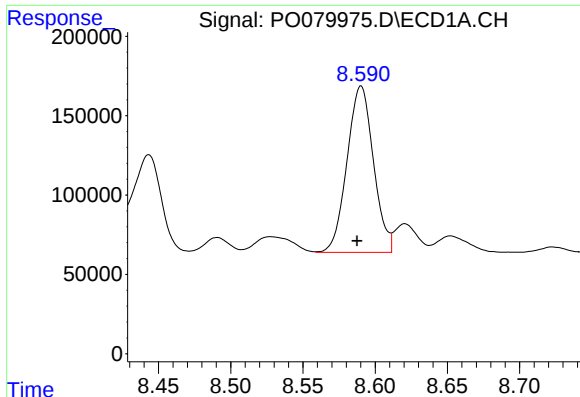
#29 AR-1254-4

R.T.: 8.160 min  
Delta R.T.: 0.002 min  
Response: 1341743  
Conc: 527.54 ng/ml



#29 AR-1254-4

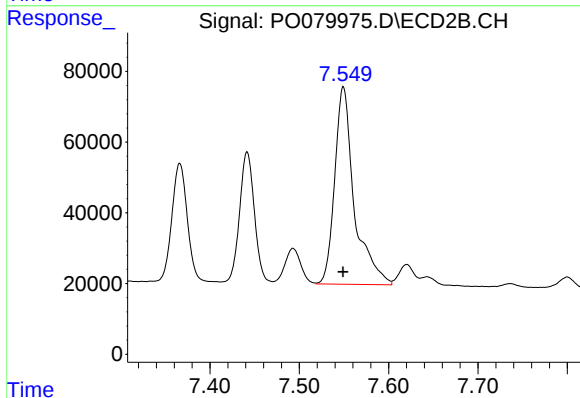
R.T.: 7.114 min  
Delta R.T.: 0.000 min  
Response: 631727  
Conc: 533.60 ng/ml



#30 AR-1254-5

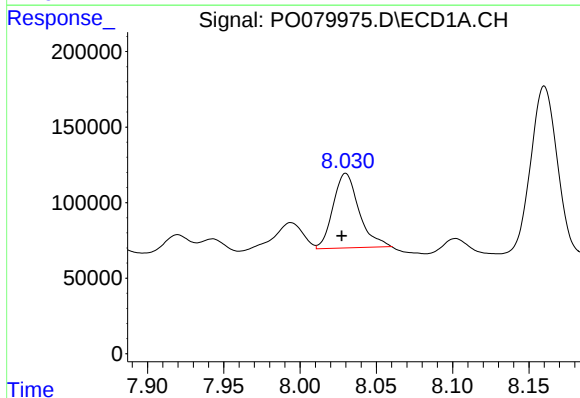
R.T.: 8.590 min  
Delta R.T.: 0.003 min  
Response: 1335568  
Conc: 502.20 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



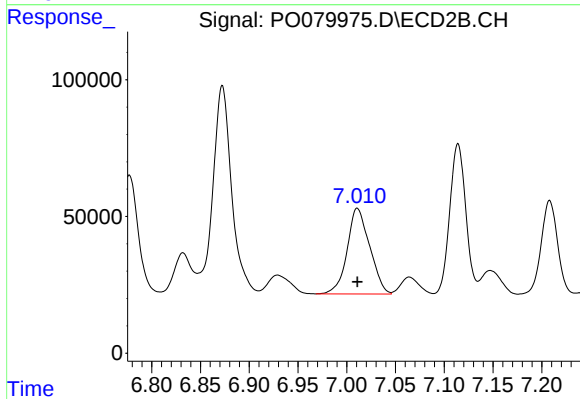
#30 AR-1254-5

R.T.: 7.549 min  
Delta R.T.: 0.000 min  
Response: 849759  
Conc: 530.47 ng/ml



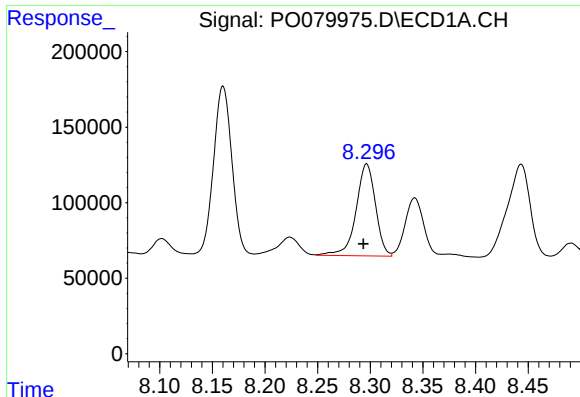
#31 AR-1260-1

R.T.: 8.030 min  
Delta R.T.: 0.003 min  
Response: 584546  
Conc: 238.25 ng/ml



#31 AR-1260-1

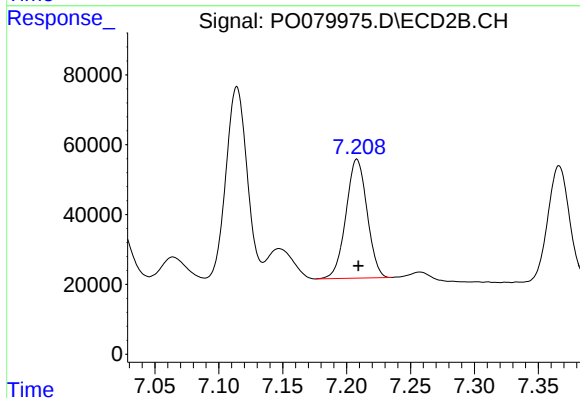
R.T.: 7.011 min  
Delta R.T.: 0.000 min  
Response: 504701  
Conc: 389.92 ng/ml



#32 AR-1260-2

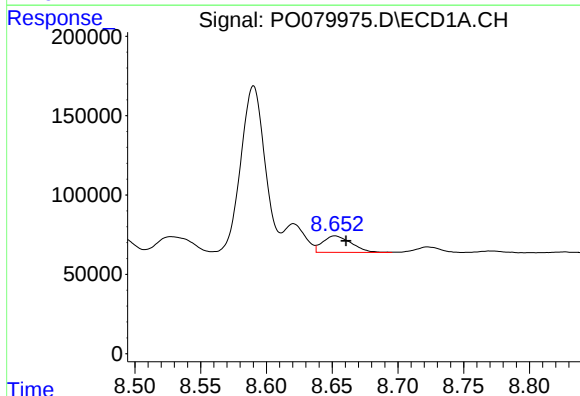
R.T.: 8.297 min  
Delta R.T.: 0.003 min  
Response: 782257  
Conc: 254.54 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



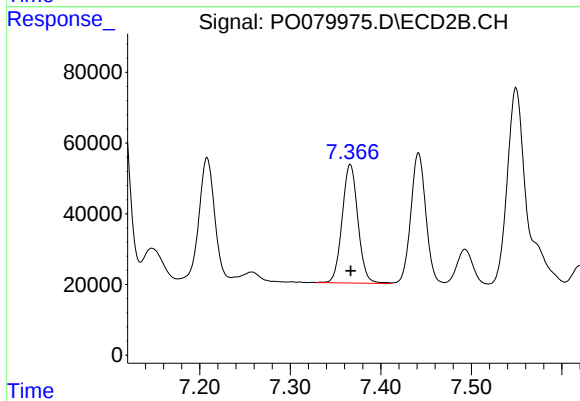
#32 AR-1260-2

R.T.: 7.208 min  
Delta R.T.: -0.001 min  
Response: 391792  
Conc: 256.11 ng/ml



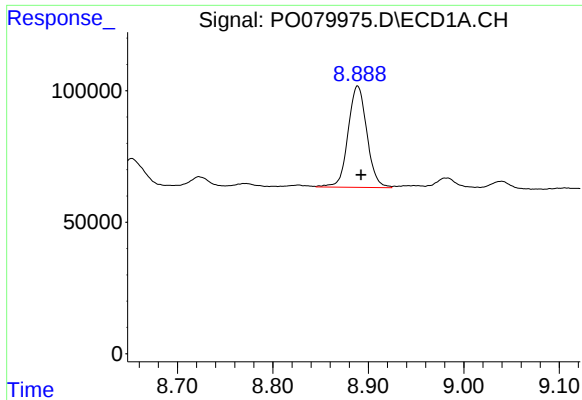
#33 AR-1260-3

R.T.: 8.652 min  
Delta R.T.: -0.008 min  
Response: 158008  
Conc: 71.26 ng/ml



#33 AR-1260-3

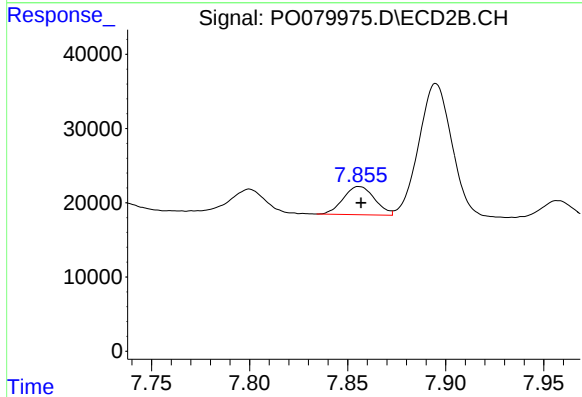
R.T.: 7.366 min  
Delta R.T.: 0.000 min  
Response: 406236  
Conc: 278.23 ng/ml



#34 AR-1260-4

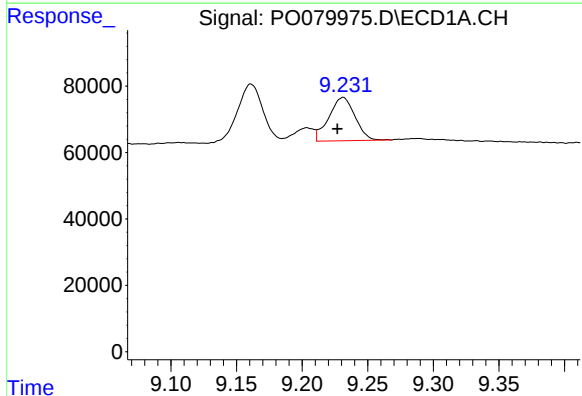
R.T.: 8.889 min  
Delta R.T.: -0.003 min  
Response: 526876  
Conc: 205.24 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



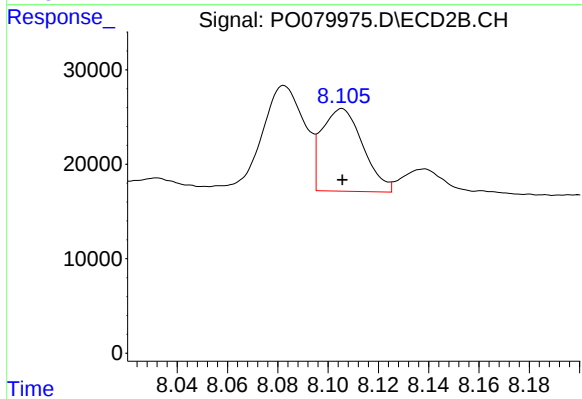
#34 AR-1260-4

R.T.: 7.856 min  
Delta R.T.: 0.000 min  
Response: 42257  
Conc: 35.66 ng/ml



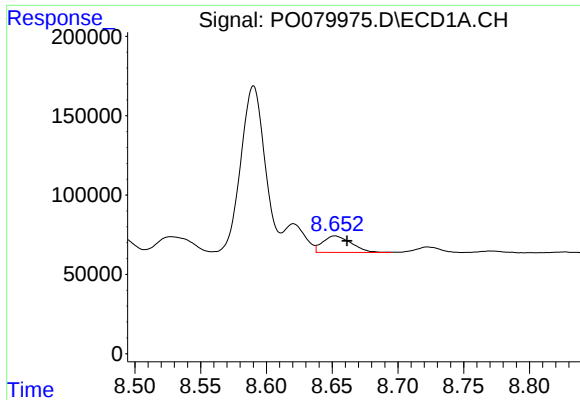
#35 AR-1260-5

R.T.: 9.231 min  
Delta R.T.: 0.004 min  
Response: 181065  
Conc: 35.41 ng/ml



#35 AR-1260-5

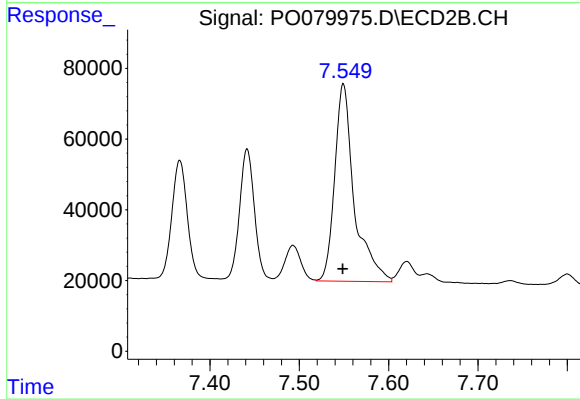
R.T.: 8.106 min  
Delta R.T.: 0.000 min  
Response: 99190  
Conc: 37.55 ng/ml



#36 AR-1262-1

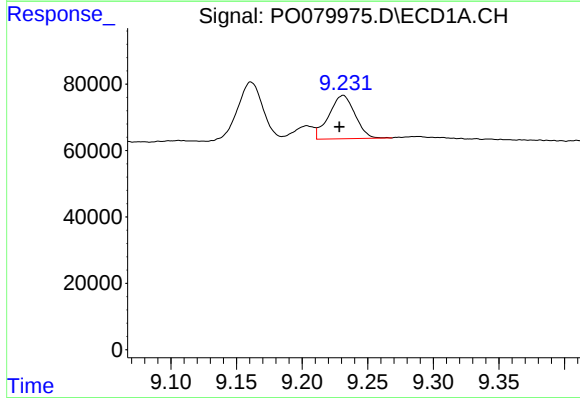
R.T.: 8.652 min  
Delta R.T.: -0.009 min  
Response: 158008  
Conc: 49.41 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



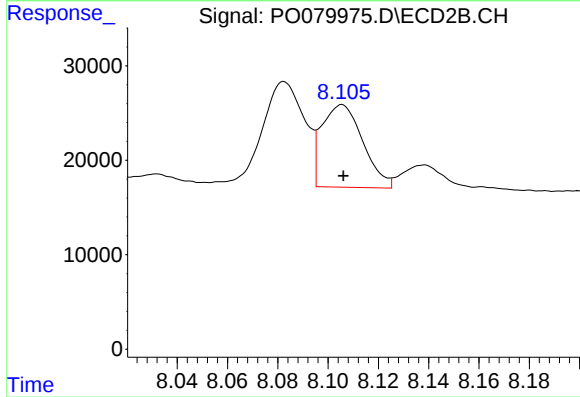
#36 AR-1262-1

R.T.: 7.549 min  
Delta R.T.: 0.000 min  
Response: 849759  
Conc: 1009.52 ng/ml



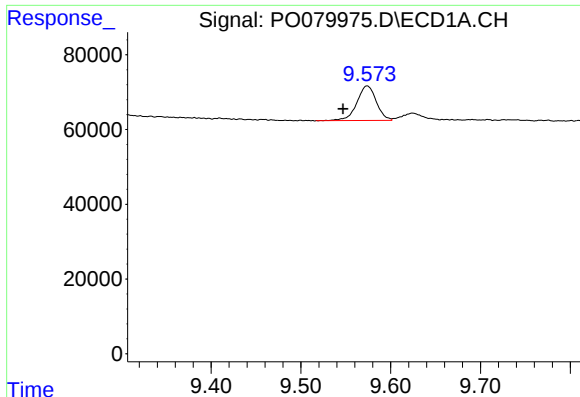
#37 AR-1262-2

R.T.: 9.231 min  
Delta R.T.: 0.003 min  
Response: 181065  
Conc: 33.43 ng/ml



#37 AR-1262-2

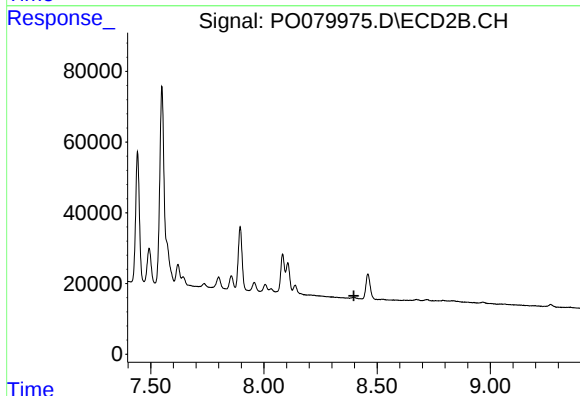
R.T.: 8.106 min  
Delta R.T.: 0.000 min  
Response: 99190  
Conc: 36.94 ng/ml



#38 AR-1262-3

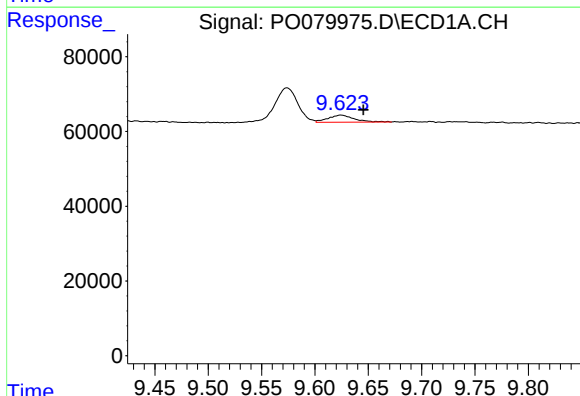
R.T.: 9.574 min  
Delta R.T.: 0.027 min  
Response: 138740  
Conc: 36.68 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



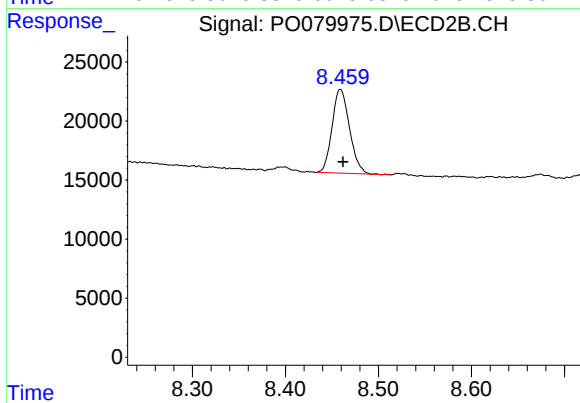
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 8.397 min  
Response: 0  
Conc: N.D.



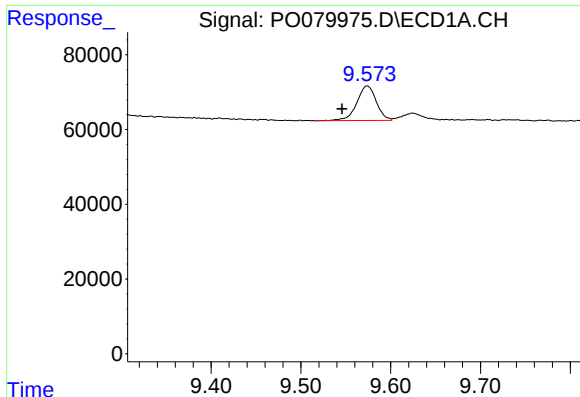
#39 AR-1262-4

R.T.: 9.624 min  
Delta R.T.: -0.021 min  
Response: 32361  
Conc: 11.45 ng/ml



#39 AR-1262-4

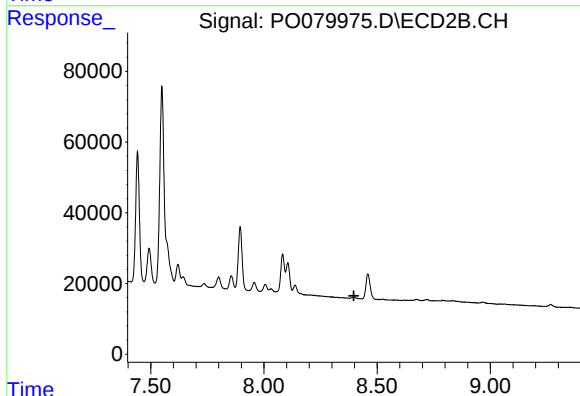
R.T.: 8.459 min  
Delta R.T.: -0.003 min  
Response: 92469  
Conc: 46.25 ng/ml



#41 AR-1268-1

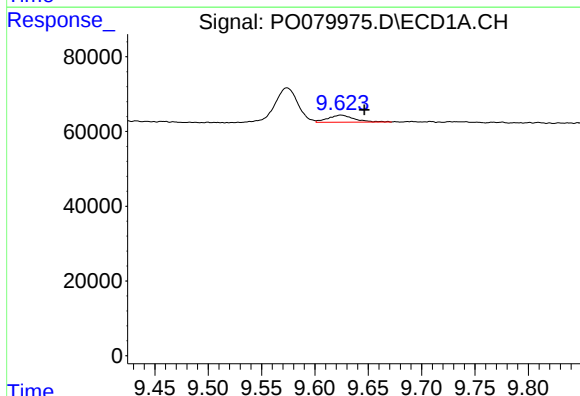
R.T.: 9.574 min  
Delta R.T.: 0.028 min  
Response: 138740  
Conc: 21.43 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



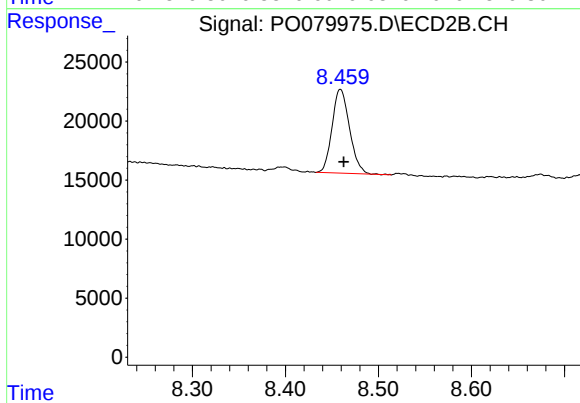
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 8.397 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 9.624 min  
Delta R.T.: -0.022 min  
Response: 32361  
Conc: 5.44 ng/ml



#42 AR-1268-2

R.T.: 8.459 min  
Delta R.T.: -0.003 min  
Response: 92469  
Conc: 33.98 ng/ml