

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0011521\  
 Data File : P0074775.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 15 Jan 2021 22:22  
 Operator : AJ/MA  
 Sample : M1088-09  
 Misc :  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 S5-01-C

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 15 23:46:38 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0011121.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Jan 12 06:02:45 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  | 4.004 | 2147217  | 1362067  | 20.349   | 24.214     |
| 2)                          | SA Decachlor... | 10.952 | 9.259 | 1737494  | 949823   | 17.119   | 17.300     |
|                             |                 |        |       |          |          |          |            |
| Target Compounds            |                 |        |       |          |          |          |            |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.511 | 0        | 530623   | N.D.     | 377.556 #  |
| 7)                          | L1 AR-1016-5    | 6.768  | 5.737 | 252646   | 152724   | 92.374   | 88.814     |
| 8)                          | L2 AR-1221-1    | 5.186  | 0.000 | 76343    | 0        | 62.154   | N.D. #     |
| 10)                         | L2 AR-1221-3    | 5.388f | 0.000 | 156525   | 0        | 55.559   | N.D. #     |
| 11)                         | L3 AR-1232-1    | 5.388f | 0.000 | 156525   | 0        | 68.344   | N.D. #     |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.553 | 0        | 130218   | N.D.     | 204.760 #  |
| 15)                         | L3 AR-1232-5    | 6.550  | 5.737 | 905954   | 152724   | 1113.438 | 219.936 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.553 | 0        | 130218   | N.D.     | 99.634 #   |
| 20)                         | L4 AR-1242-5    | 7.240  | 6.114 | 706654   | 2039500  | 280.810  | 1164.875 # |
| 22)                         | L5 AR-1248-2    | 6.550  | 5.511 | 905954   | 530623   | 291.298  | 282.344    |
| 23)                         | L5 AR-1248-3    | 6.768  | 5.553 | 252646   | 130218   | 69.767   | 68.985     |
| 24)                         | L5 AR-1248-4    | 7.198  | 5.737 | 1160454  | 152724   | 260.222  | 67.806 #   |
| 25)                         | L5 AR-1248-5    | 7.240  | 6.156 | 706654   | 178744   | 167.686  | 76.029 #   |
| 26)                         | L6 AR-1254-1    | 7.167  | 6.114 | 2822743  | 2039500  | 641.804  | 564.645    |
| 27)                         | L6 AR-1254-2    | 7.396  | 6.273 | 6136490  | 2958655  | 900.998  | 949.341    |
| 28)                         | L6 AR-1254-3    | 7.781  | 6.689 | 7905388  | 5213874  | 1127.034 | 1063.205   |
| 29)                         | L6 AR-1254-4    | 8.077  | 6.927 | 6985661  | 3491217  | 1151.861 | 1006.759   |
| 30)                         | L6 AR-1254-5    | 8.507  | 7.353 | 10652559 | 17675825 | 1833.822 | 3905.447 # |
| 31)                         | L7 AR-1260-1    | 7.948  | 6.825 | 4464888  | 2775882  | 894.994  | 870.105    |
| 32)                         | L7 AR-1260-2    | 8.214  | 7.021 | 7556483  | 3451699  | 1110.904 | 811.964 #  |
| 33)                         | L7 AR-1260-3    | 8.566  | 7.172 | 1518775  | 2464139  | 264.977  | 683.824 #  |
| 34)                         | L7 AR-1260-4    | 8.805  | 7.652 | 4171412  | 707539   | 762.415  | 225.956 #  |
| 35)                         | L7 AR-1260-5    | 9.137  | 7.900 | 2147968  | 918214   | 171.907  | 115.518 #  |
| 36)                         | L8 AR-1262-1    | 8.566  | 7.353 | 1518775  | 17675825 | 170.569  | 6946.465 # |
| 37)                         | L8 AR-1262-2    | 9.137  | 7.900 | 2147968  | 918214   | 140.296  | 99.867 #   |
| 38)                         | L8 AR-1262-3    | 9.471f | 8.186 | 1382707  | 53469    | 138.053  | 13.522 #   |
| 39)                         | L8 AR-1262-4    | 9.520f | 8.244 | 426650   | 989359   | 57.289   | 149.333 #  |
| 40)                         | L8 AR-1262-5    | 10.208 | 8.743 | 69224    | 114159   | 13.232   | 36.975 #   |
| 41)                         | L9 AR-1268-1    | 9.471f | 8.186 | 1382707  | 53469    | 74.007   | 4.776 #    |
| 42)                         | L9 AR-1268-2    | 9.520f | 8.244 | 426650   | 989359   | 26.741   | 103.411 #  |
| 43)                         | L9 AR-1268-3    | 0.000  | 8.456 | 0        | 9678     | N.D.     | 1.165 #    |
| 44)                         | L9 AR-1268-4    | 10.208 | 8.743 | 69224    | 114159   | 11.816   | 32.907 #   |
| 45)                         | L9 AR-1268-5    | 10.616 | 9.018 | 128602   | 93364    | 3.077    | 3.943 #    |
| -----                       |                 |        |       |          |          |          |            |

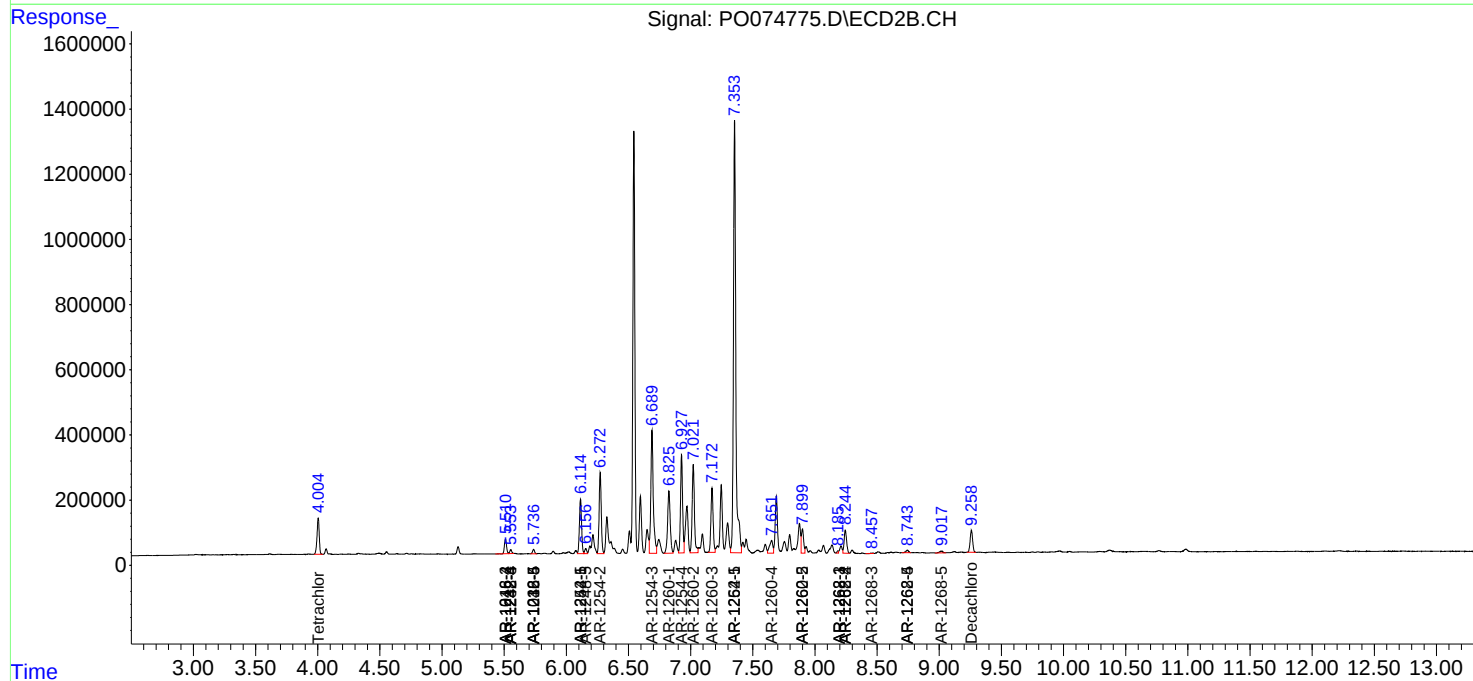
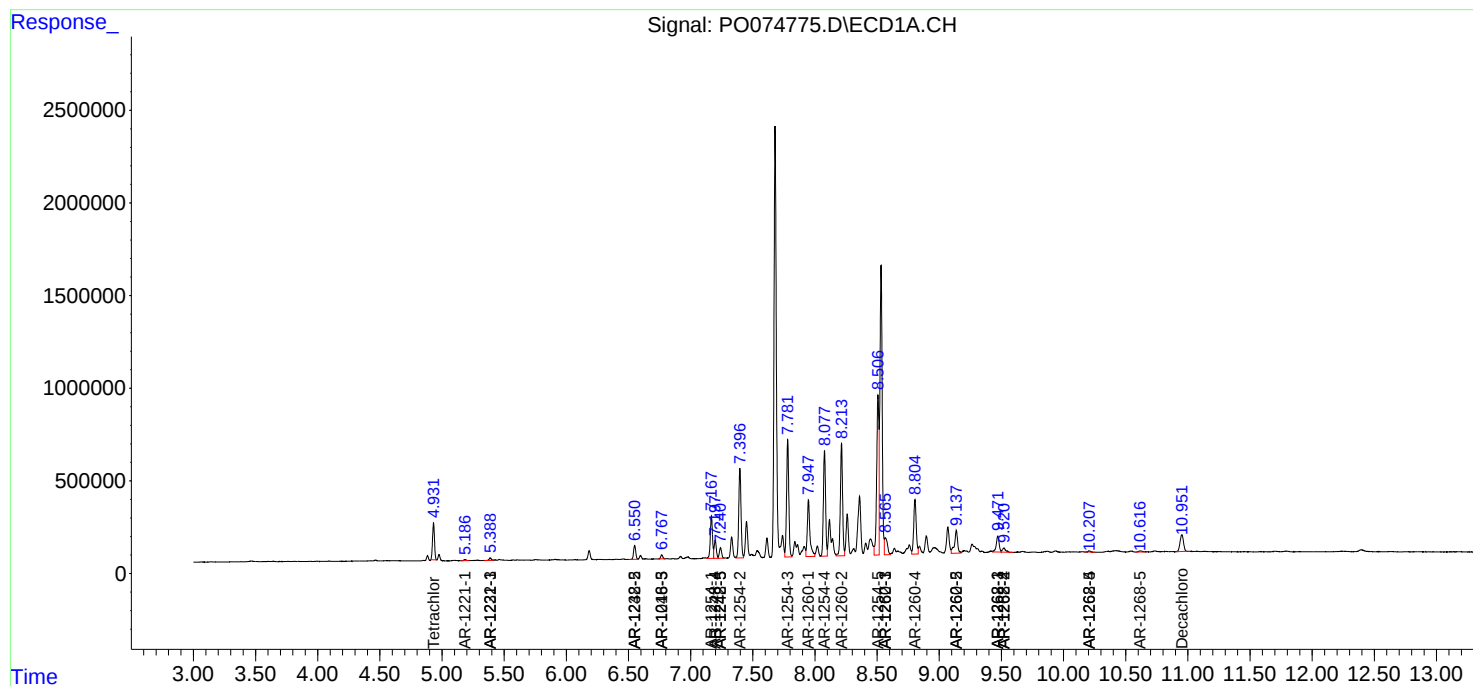
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

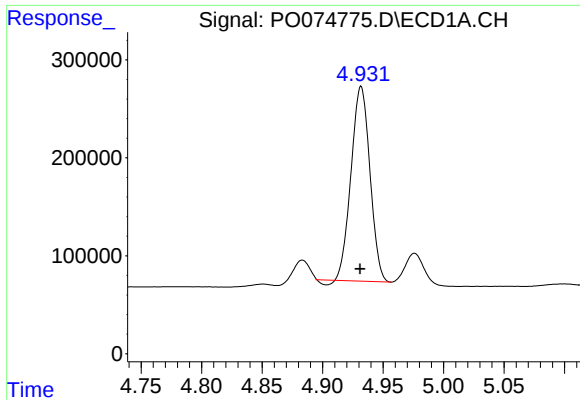
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0011521\  
Data File : P0074775.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 15 Jan 2021 22:22  
Operator : AJ/MA  
Sample : M1088-09  
Misc :  
ALS Vial : 44 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
S5-01-C

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 15 23:46:38 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0011121.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Jan 12 06:02:45 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

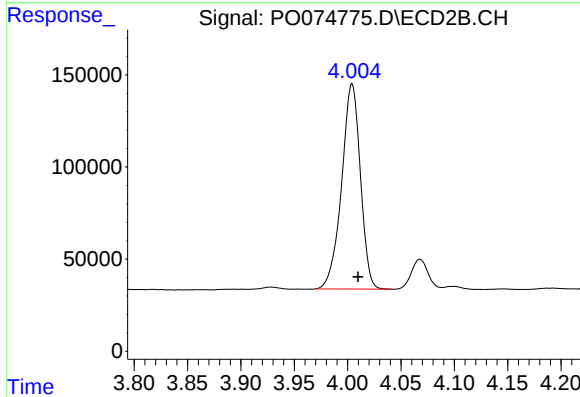




#1 Tetrachloro-m-xylene

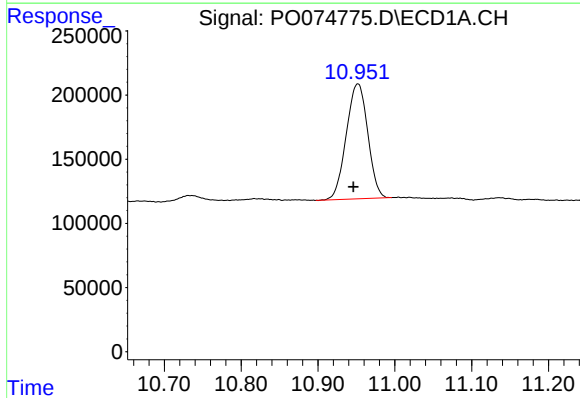
R.T.: 4.932 min  
Delta R.T.: 0.000 min  
Response: 2147217  
Conc: 20.35 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S5-01-C



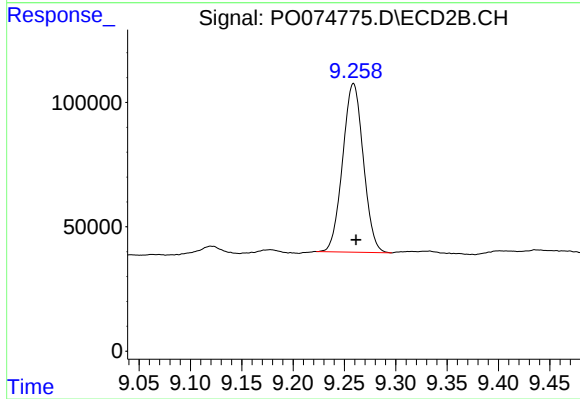
#1 Tetrachloro-m-xylene

R.T.: 4.004 min  
Delta R.T.: -0.006 min  
Response: 1362067  
Conc: 24.21 ng/ml



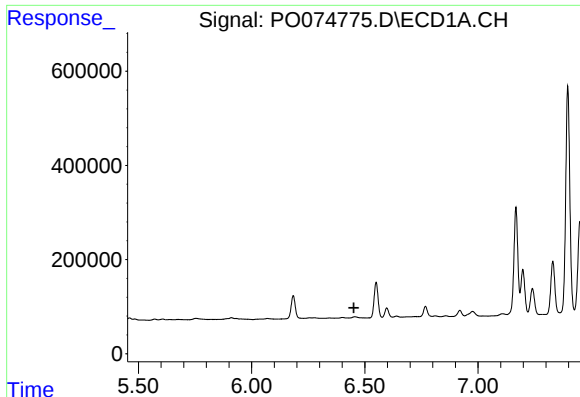
#2 Decachlorobiphenyl

R.T.: 10.952 min  
Delta R.T.: 0.006 min  
Response: 1737494  
Conc: 17.12 ng/ml



#2 Decachlorobiphenyl

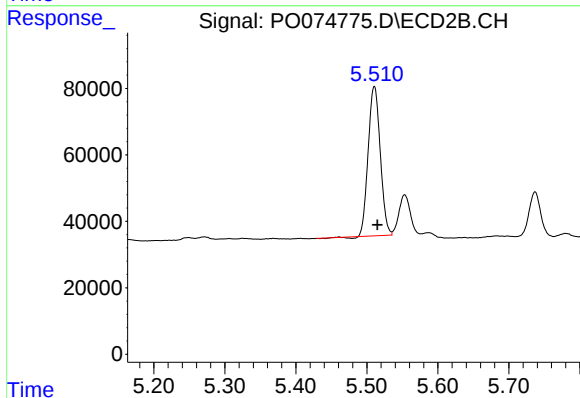
R.T.: 9.259 min  
Delta R.T.: -0.003 min  
Response: 949823  
Conc: 17.30 ng/ml



#6 AR-1016-4

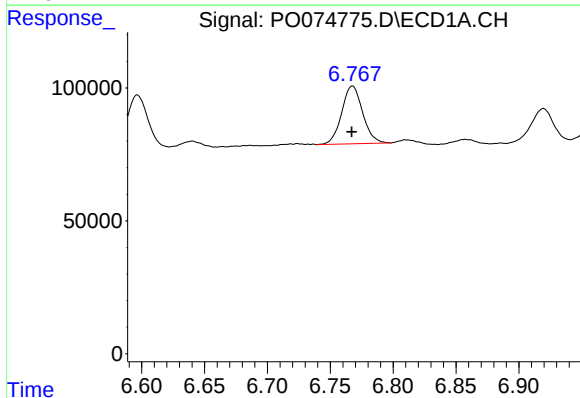
R.T.: 0.000 min  
Exp R.T.: 6.452 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S5-01-C



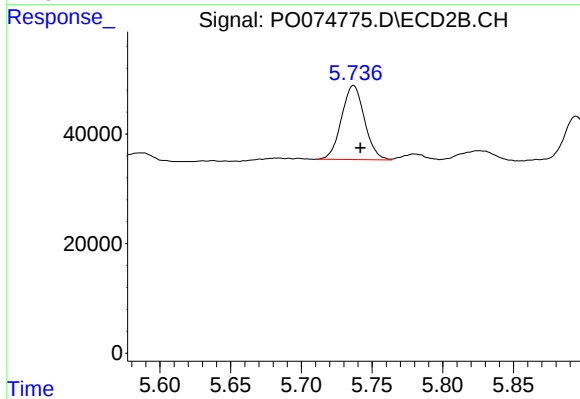
#6 AR-1016-4

R.T.: 5.511 min  
Delta R.T.: -0.004 min  
Response: 530623  
Conc: 377.56 ng/ml



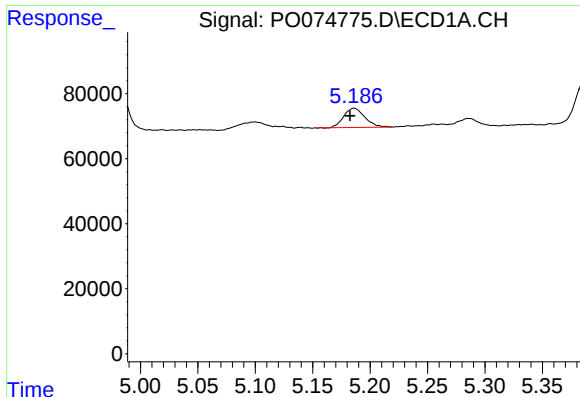
#7 AR-1016-5

R.T.: 6.768 min  
Delta R.T.: 0.000 min  
Response: 252646  
Conc: 92.37 ng/ml



#7 AR-1016-5

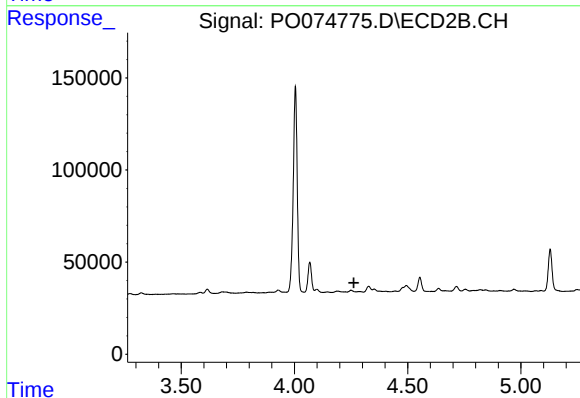
R.T.: 5.737 min  
Delta R.T.: -0.005 min  
Response: 152724  
Conc: 88.81 ng/ml



#8 AR-1221-1

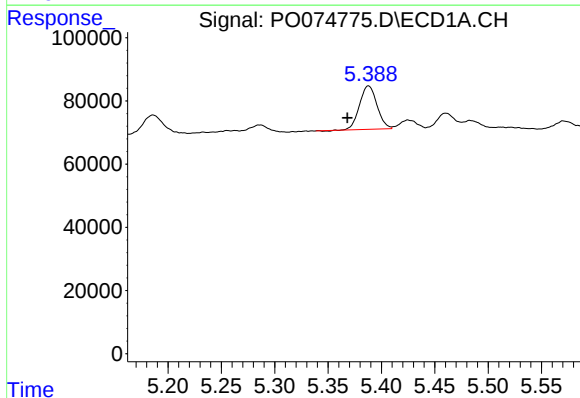
R.T.: 5.186 min  
Delta R.T.: 0.003 min  
Response: 76343  
Conc: 62.15 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S5-01-C



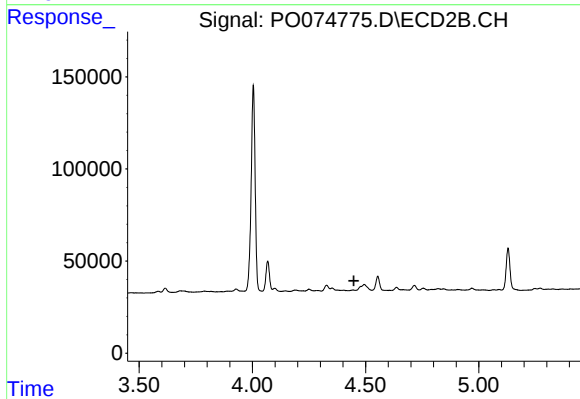
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 4.263 min  
Response: 0  
Conc: N.D.



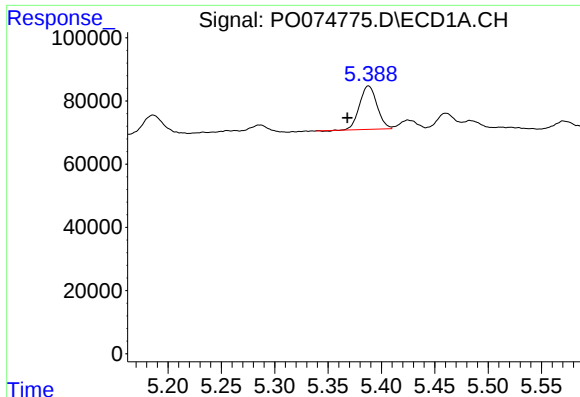
#10 AR-1221-3

R.T.: 5.388 min  
Delta R.T.: 0.020 min  
Response: 156525  
Conc: 55.56 ng/ml



#10 AR-1221-3

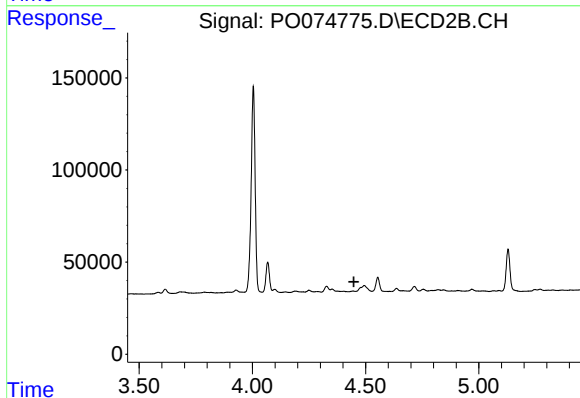
R.T.: 0.000 min  
Exp R.T. : 4.449 min  
Response: 0  
Conc: N.D.



#11 AR-1232-1

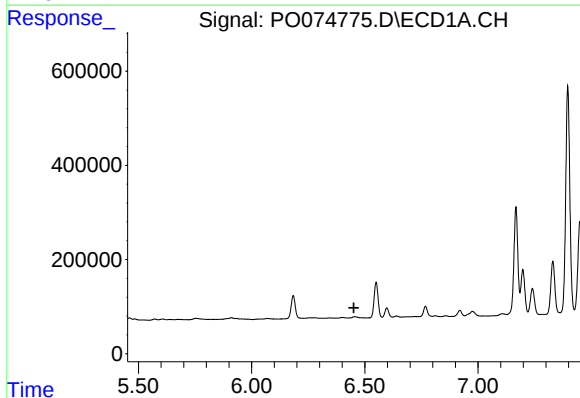
R.T.: 5.388 min  
Delta R.T.: 0.020 min  
Response: 156525  
Conc: 68.34 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S5-01-C



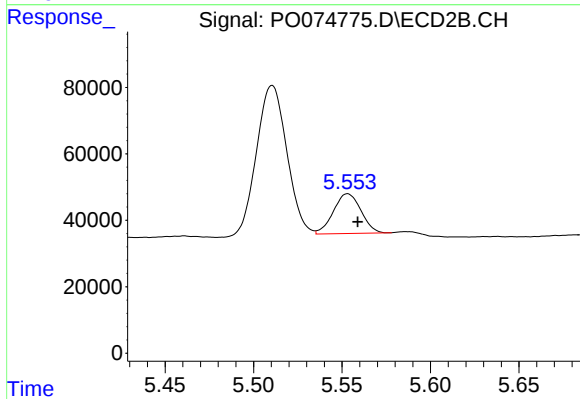
#11 AR-1232-1

R.T.: 0.000 min  
Exp R.T. : 4.448 min  
Response: 0  
Conc: N.D.



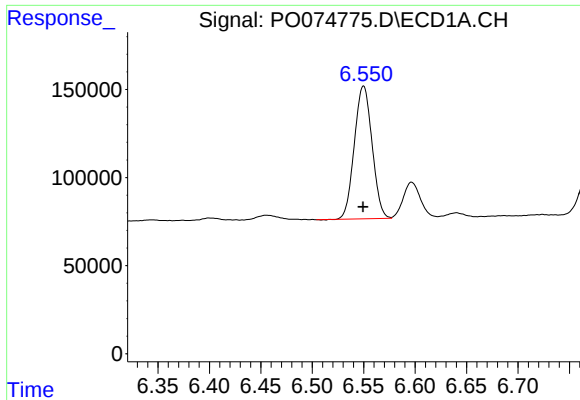
#14 AR-1232-4

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



#14 AR-1232-4

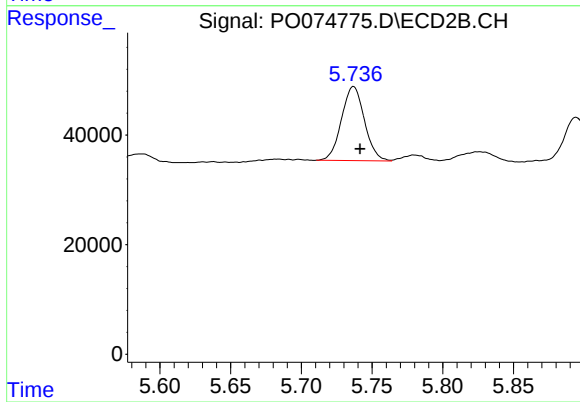
R.T.: 5.553 min  
Delta R.T.: -0.006 min  
Response: 130218  
Conc: 204.76 ng/ml



#15 AR-1232-5

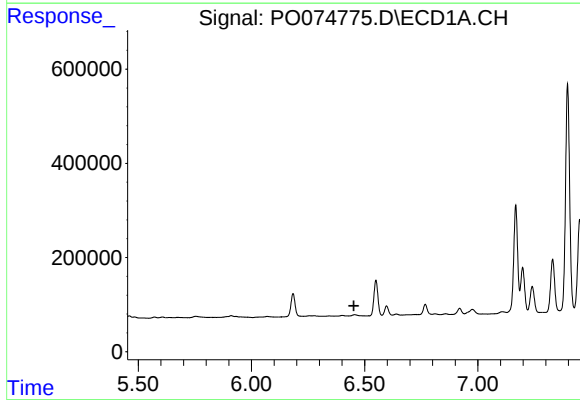
R.T.: 6.550 min  
Delta R.T.: 0.000 min  
Response: 905954  
Conc: 1113.44 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S5-01-C



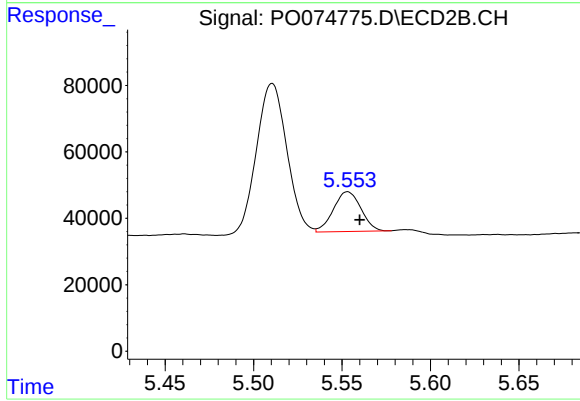
#15 AR-1232-5

R.T.: 5.737 min  
Delta R.T.: -0.004 min  
Response: 152724  
Conc: 219.94 ng/ml



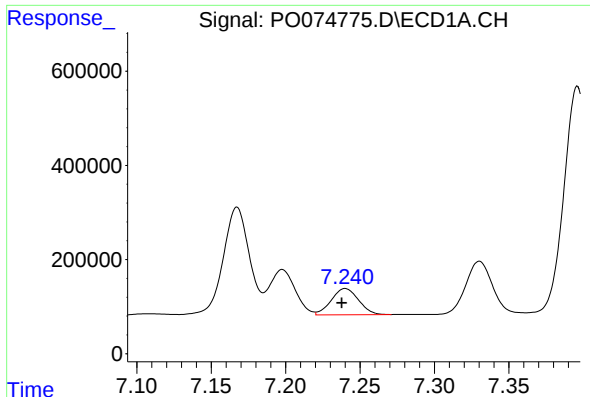
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 6.453 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

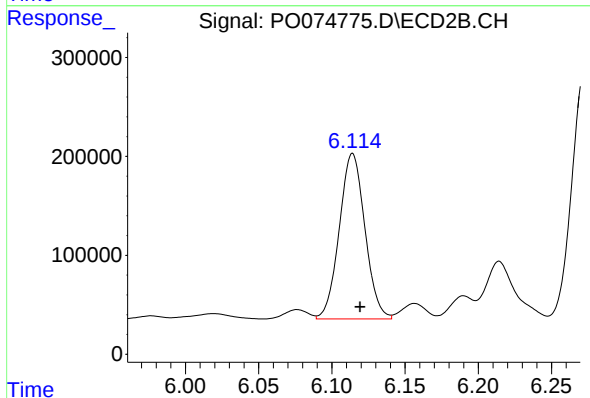
R.T.: 5.553 min  
Delta R.T.: -0.007 min  
Response: 130218  
Conc: 99.63 ng/ml



#20 AR-1242-5

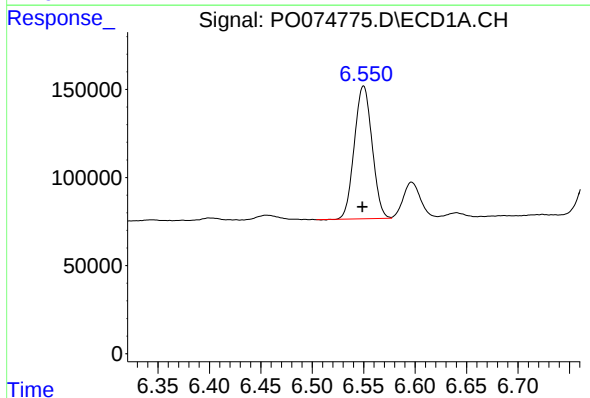
R.T.: 7.240 min  
Delta R.T.: 0.002 min  
Response: 706654  
Conc: 280.81 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S5-01-C



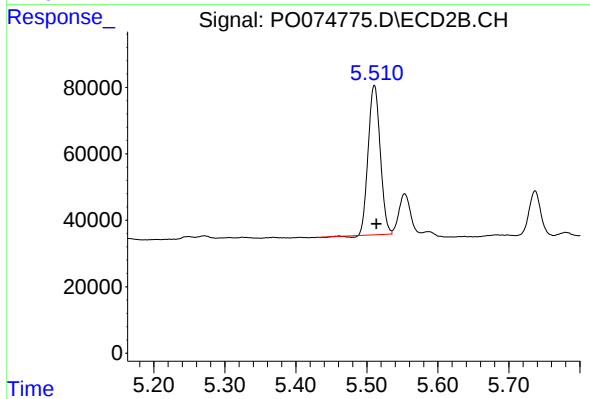
#20 AR-1242-5

R.T.: 6.114 min  
Delta R.T.: -0.005 min  
Response: 2039500  
Conc: 1164.87 ng/ml



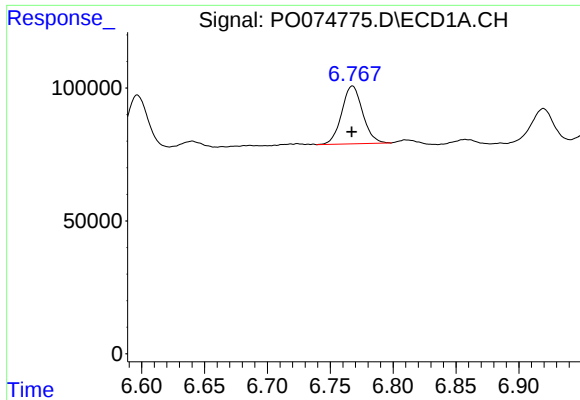
#22 AR-1248-2

R.T.: 6.550 min  
Delta R.T.: 0.001 min  
Response: 905954  
Conc: 291.30 ng/ml



#22 AR-1248-2

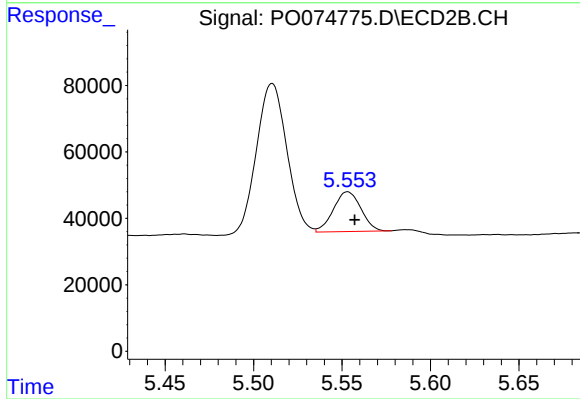
R.T.: 5.511 min  
Delta R.T.: -0.003 min  
Response: 530623  
Conc: 282.34 ng/ml



#23 AR-1248-3

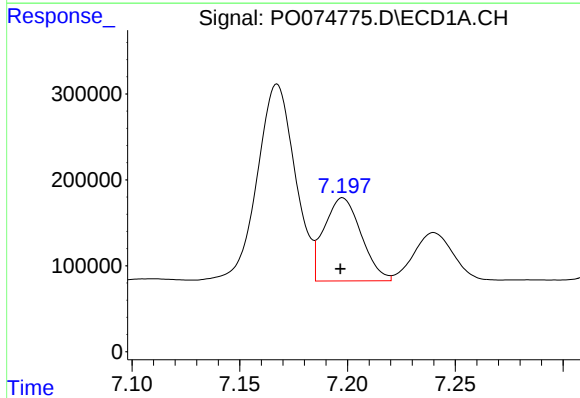
R.T.: 6.768 min  
Delta R.T.: 0.000 min  
Response: 252646  
Conc: 69.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S5-01-C



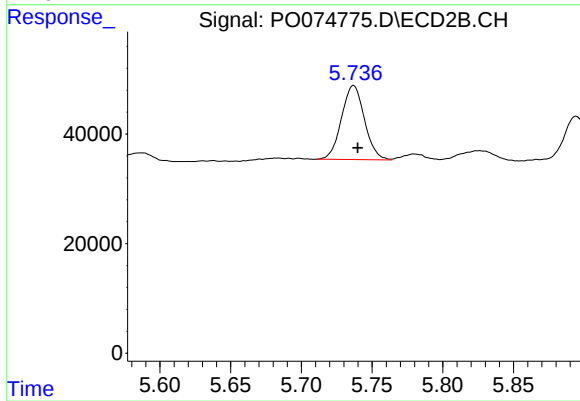
#23 AR-1248-3

R.T.: 5.553 min  
Delta R.T.: -0.004 min  
Response: 130218  
Conc: 68.99 ng/ml



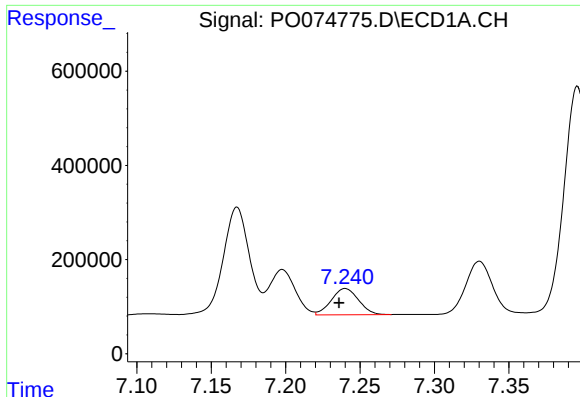
#24 AR-1248-4

R.T.: 7.198 min  
Delta R.T.: 0.001 min  
Response: 1160454  
Conc: 260.22 ng/ml



#24 AR-1248-4

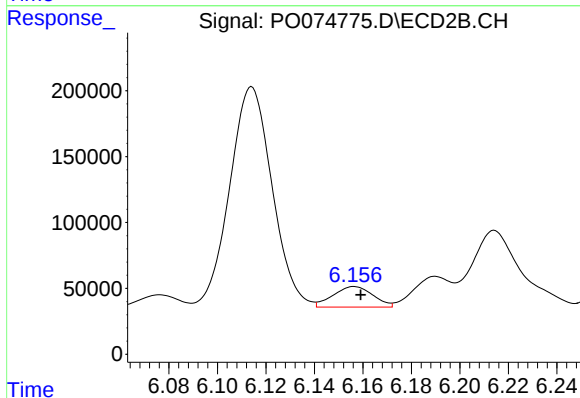
R.T.: 5.737 min  
Delta R.T.: -0.003 min  
Response: 152724  
Conc: 67.81 ng/ml



#25 AR-1248-5

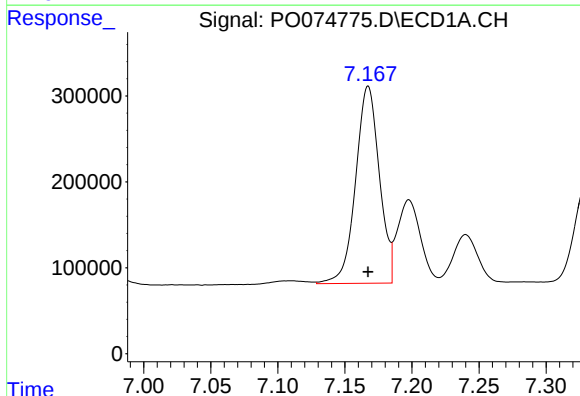
R.T.: 7.240 min  
Delta R.T.: 0.004 min  
Response: 706654  
Conc: 167.69 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S5-01-C



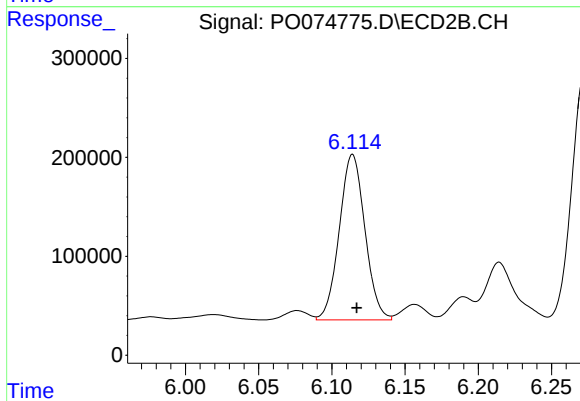
#25 AR-1248-5

R.T.: 6.156 min  
Delta R.T.: -0.003 min  
Response: 178744  
Conc: 76.03 ng/ml



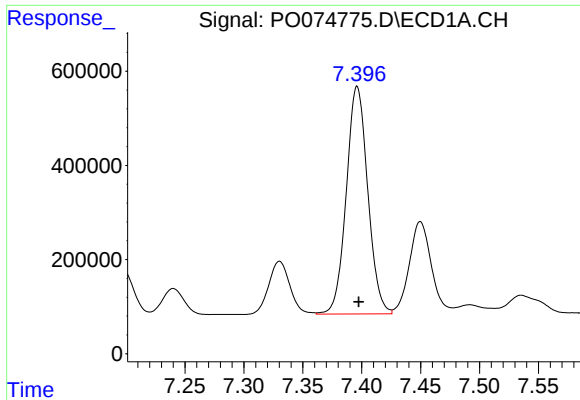
#26 AR-1254-1

R.T.: 7.167 min  
Delta R.T.: 0.000 min  
Response: 2822743  
Conc: 641.80 ng/ml



#26 AR-1254-1

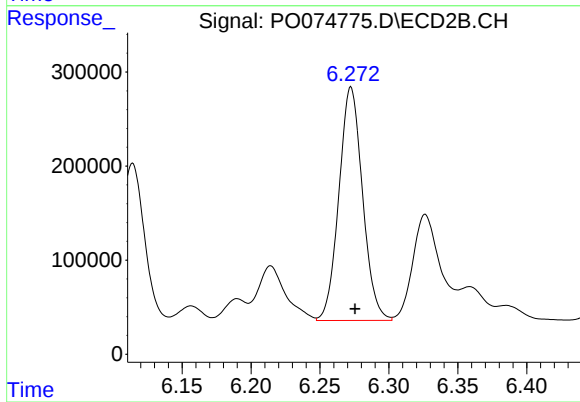
R.T.: 6.114 min  
Delta R.T.: -0.003 min  
Response: 2039500  
Conc: 564.64 ng/ml



#27 AR-1254-2

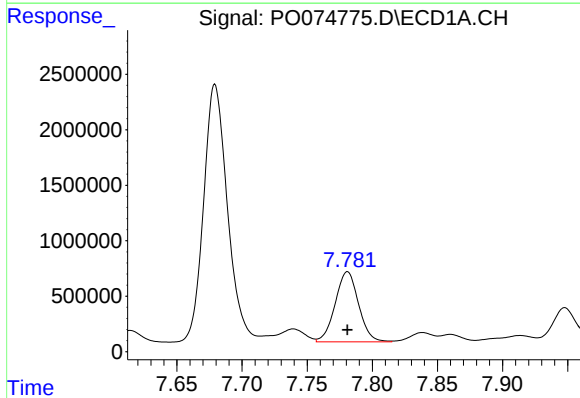
R.T.: 7.396 min  
Delta R.T.: -0.001 min  
Response: 6136490  
Conc: 901.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S5-01-C



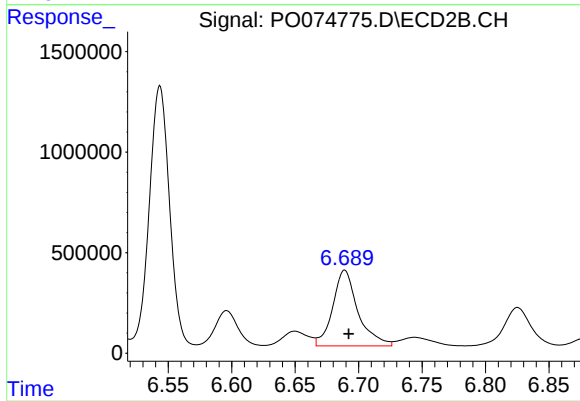
#27 AR-1254-2

R.T.: 6.273 min  
Delta R.T.: -0.003 min  
Response: 2958655  
Conc: 949.34 ng/ml



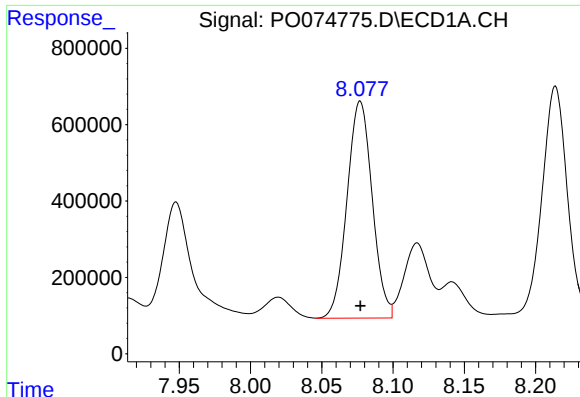
#28 AR-1254-3

R.T.: 7.781 min  
Delta R.T.: 0.000 min  
Response: 7905388  
Conc: 1127.03 ng/ml



#28 AR-1254-3

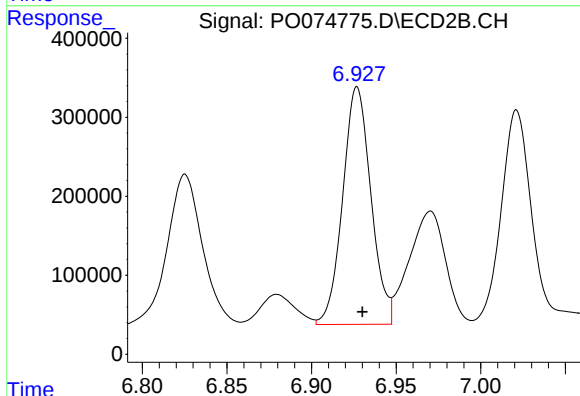
R.T.: 6.689 min  
Delta R.T.: -0.003 min  
Response: 5213874  
Conc: 1063.20 ng/ml



#29 AR-1254-4

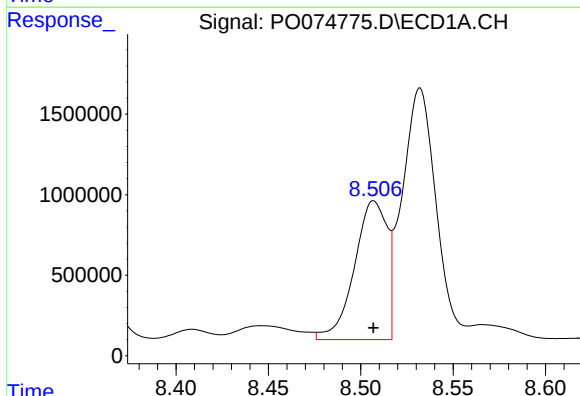
R.T.: 8.077 min  
Delta R.T.: 0.000 min  
Response: 6985661  
Conc: 1151.86 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S5-01-C



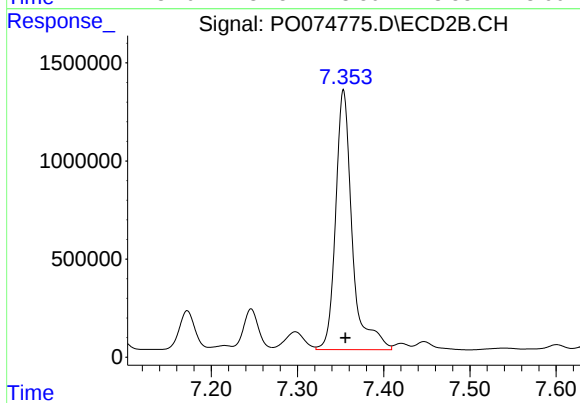
#29 AR-1254-4

R.T.: 6.927 min  
Delta R.T.: -0.003 min  
Response: 3491217  
Conc: 1006.76 ng/ml



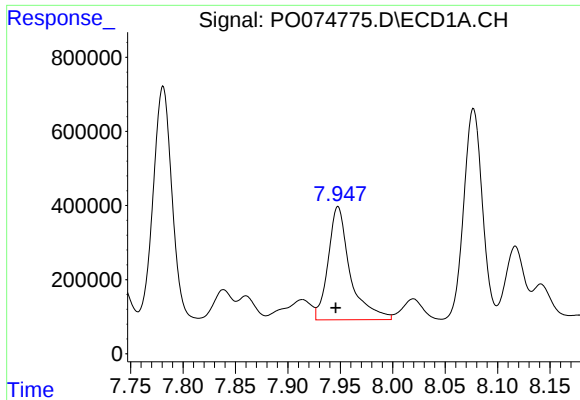
#30 AR-1254-5

R.T.: 8.507 min  
Delta R.T.: 0.000 min  
Response: 10652559  
Conc: 1833.82 ng/ml



#30 AR-1254-5

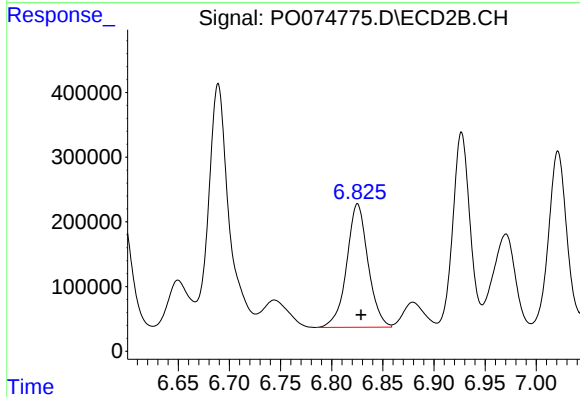
R.T.: 7.353 min  
Delta R.T.: -0.002 min  
Response: 17675825  
Conc: 3905.45 ng/ml



#31 AR-1260-1

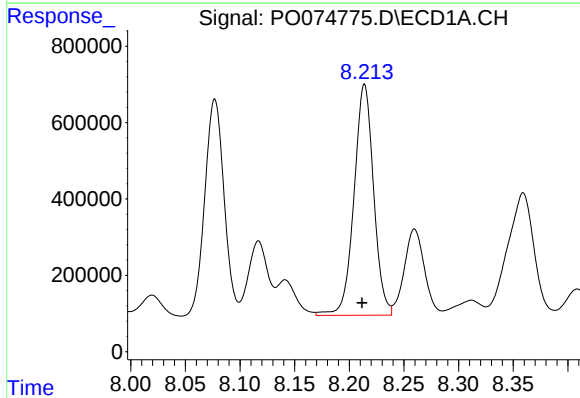
R.T.: 7.948 min  
Delta R.T.: 0.002 min  
Response: 4464888  
Conc: 894.99 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S5-01-C



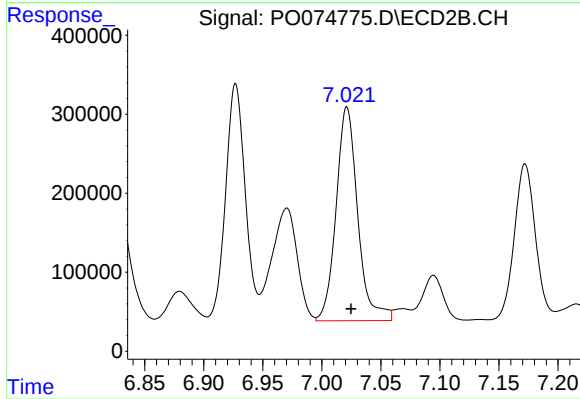
#31 AR-1260-1

R.T.: 6.825 min  
Delta R.T.: -0.004 min  
Response: 2775882  
Conc: 870.11 ng/ml



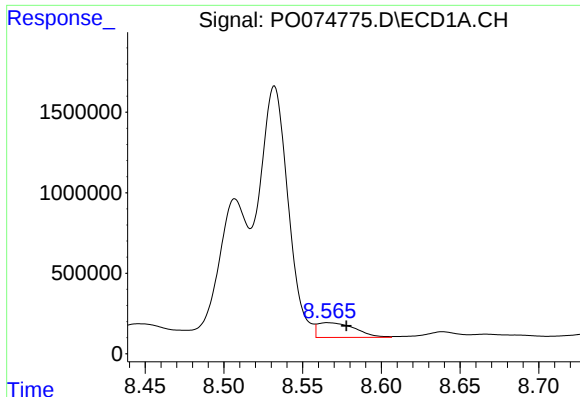
#32 AR-1260-2

R.T.: 8.214 min  
Delta R.T.: 0.002 min  
Response: 7556483  
Conc: 1110.90 ng/ml



#32 AR-1260-2

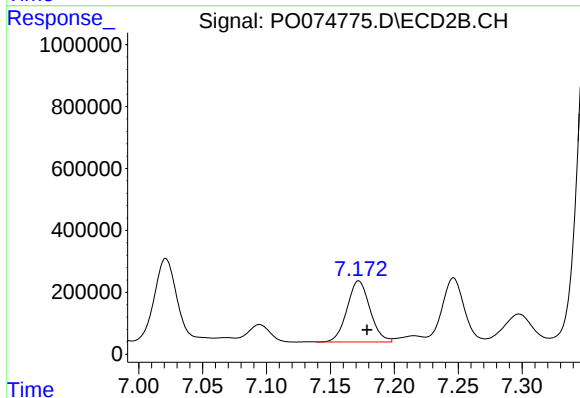
R.T.: 7.021 min  
Delta R.T.: -0.003 min  
Response: 3451699  
Conc: 811.96 ng/ml



#33 AR-1260-3

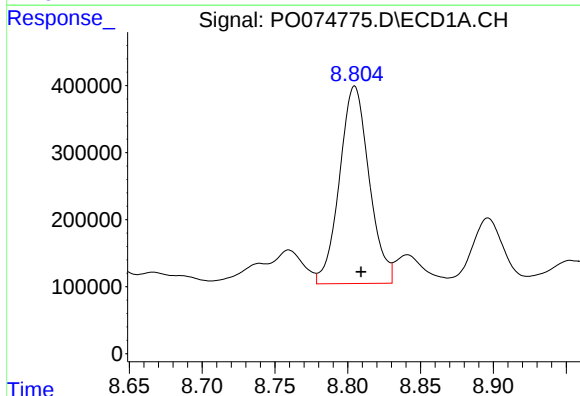
R.T.: 8.566 min  
Delta R.T.: -0.012 min  
Response: 1518775  
Conc: 264.98 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S5-01-C



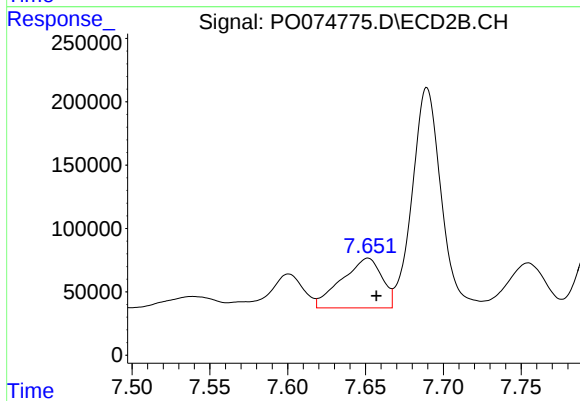
#33 AR-1260-3

R.T.: 7.172 min  
Delta R.T.: -0.006 min  
Response: 2464139  
Conc: 683.82 ng/ml



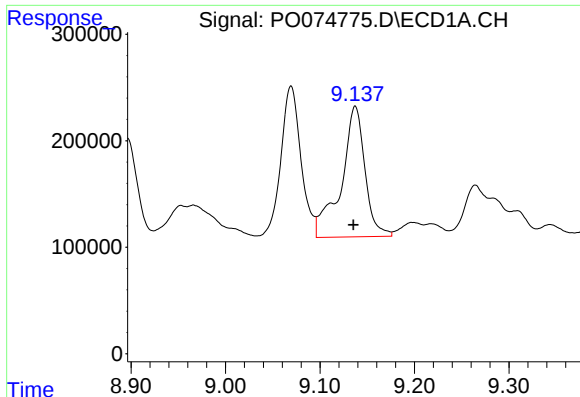
#34 AR-1260-4

R.T.: 8.805 min  
Delta R.T.: -0.005 min  
Response: 4171412  
Conc: 762.42 ng/ml



#34 AR-1260-4

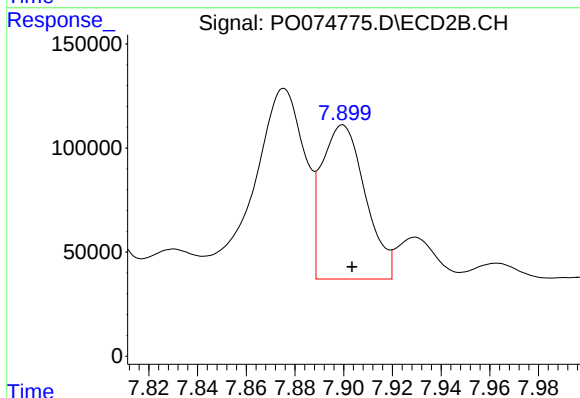
R.T.: 7.652 min  
Delta R.T.: -0.005 min  
Response: 707539  
Conc: 225.96 ng/ml



#35 AR-1260-5

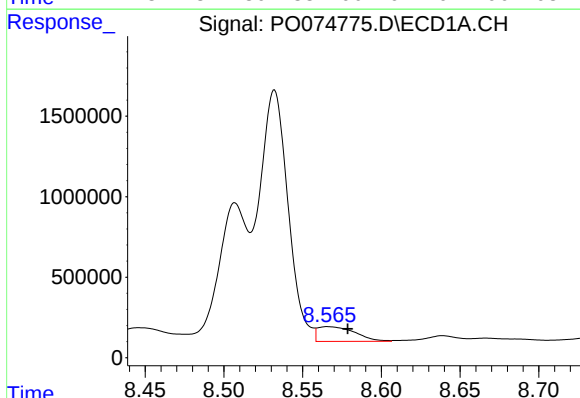
R.T.: 9.137 min  
Delta R.T.: 0.002 min  
Response: 2147968  
Conc: 171.91 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S5-01-C



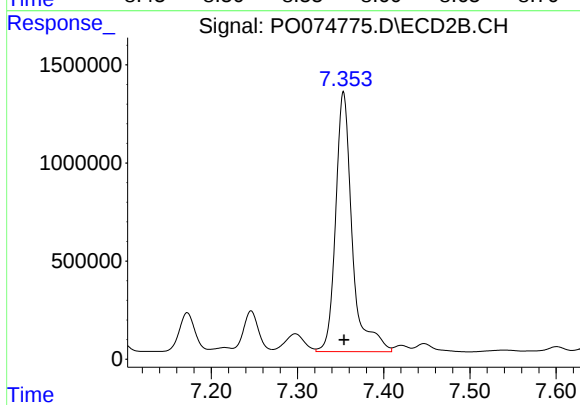
#35 AR-1260-5

R.T.: 7.900 min  
Delta R.T.: -0.004 min  
Response: 918214  
Conc: 115.52 ng/ml



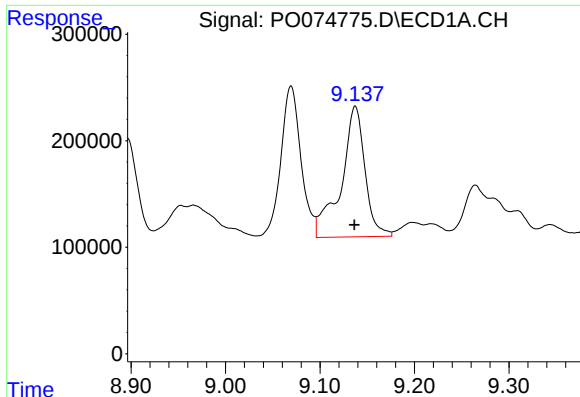
#36 AR-1262-1

R.T.: 8.566 min  
Delta R.T.: -0.013 min  
Response: 1518775  
Conc: 170.57 ng/ml



#36 AR-1262-1

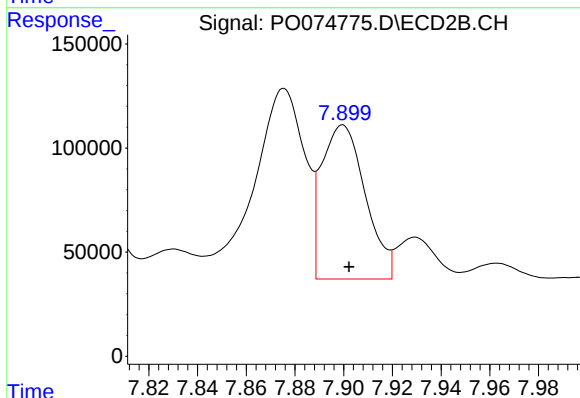
R.T.: 7.353 min  
Delta R.T.: 0.000 min  
Response: 17675825  
Conc: 6946.47 ng/ml



#37 AR-1262-2

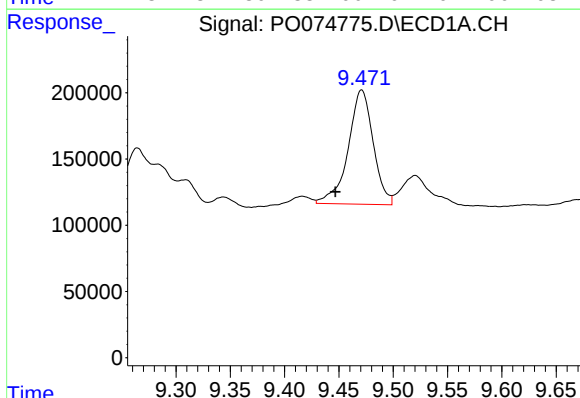
R.T.: 9.137 min  
Delta R.T.: 0.000 min  
Response: 2147968  
Conc: 140.30 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S5-01-C



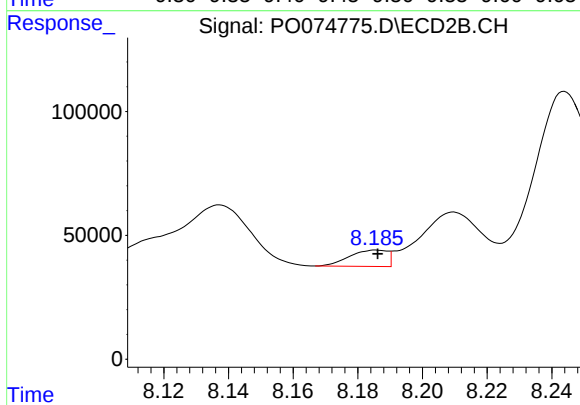
#37 AR-1262-2

R.T.: 7.900 min  
Delta R.T.: -0.003 min  
Response: 918214  
Conc: 99.87 ng/ml



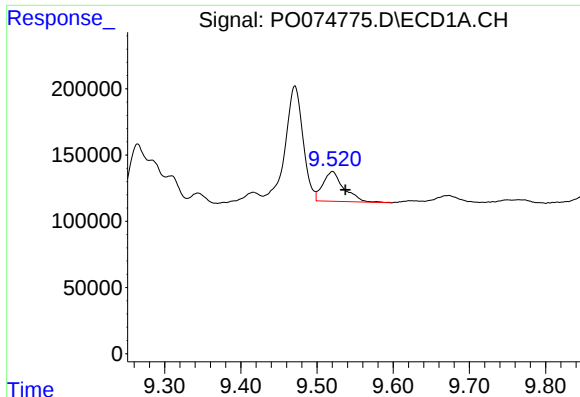
#38 AR-1262-3

R.T.: 9.471 min  
Delta R.T.: 0.024 min  
Response: 1382707  
Conc: 138.05 ng/ml



#38 AR-1262-3

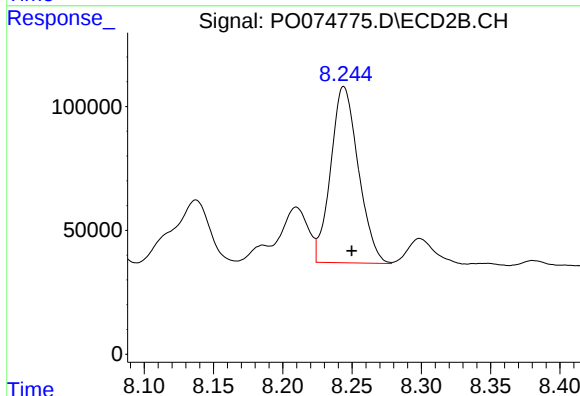
R.T.: 8.186 min  
Delta R.T.: 0.000 min  
Response: 53469  
Conc: 13.52 ng/ml



#39 AR-1262-4

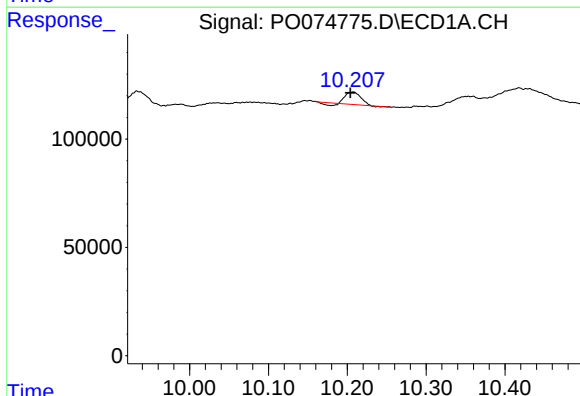
R.T.: 9.520 min  
Delta R.T.: -0.017 min  
Response: 426650  
Conc: 57.29 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S5-01-C



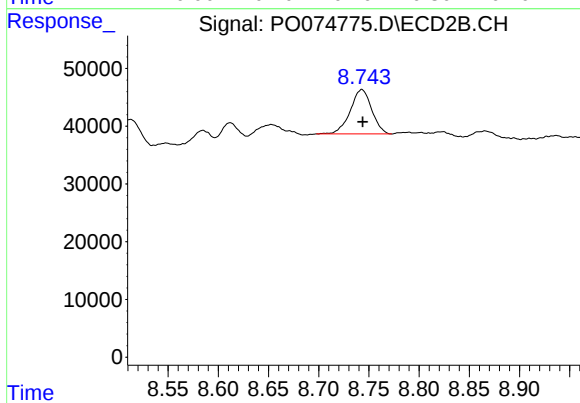
#39 AR-1262-4

R.T.: 8.244 min  
Delta R.T.: -0.006 min  
Response: 989359  
Conc: 149.33 ng/ml



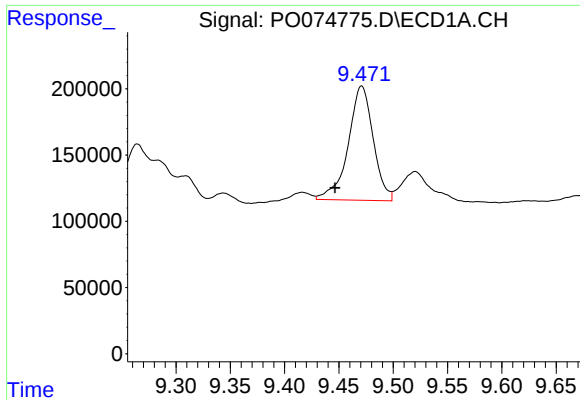
#40 AR-1262-5

R.T.: 10.208 min  
Delta R.T.: 0.003 min  
Response: 69224  
Conc: 13.23 ng/ml



#40 AR-1262-5

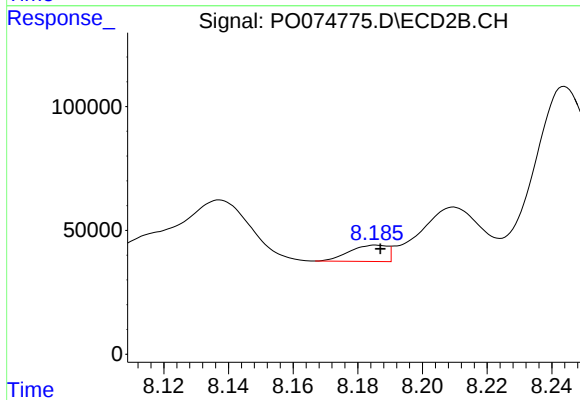
R.T.: 8.743 min  
Delta R.T.: 0.000 min  
Response: 114159  
Conc: 36.98 ng/ml



#41 AR-1268-1

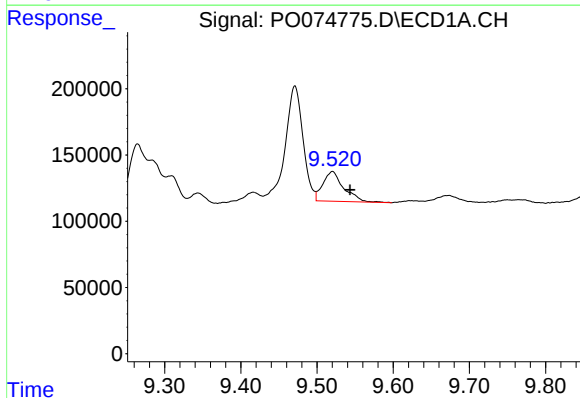
R.T.: 9.471 min  
Delta R.T.: 0.024 min  
Response: 1382707  
Conc: 74.01 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S5-01-C



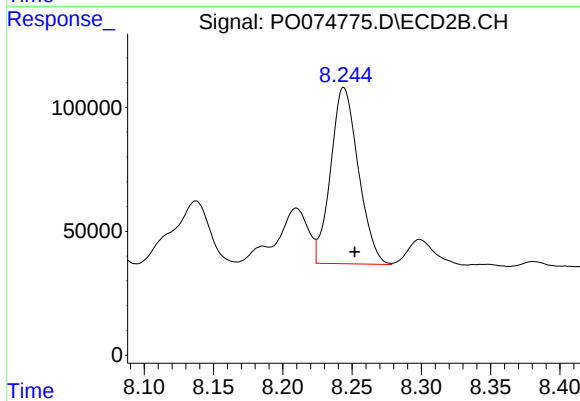
#41 AR-1268-1

R.T.: 8.186 min  
Delta R.T.: -0.001 min  
Response: 53469  
Conc: 4.78 ng/ml



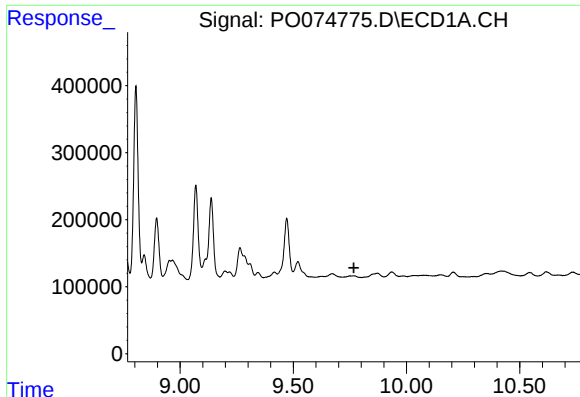
#42 AR-1268-2

R.T.: 9.520 min  
Delta R.T.: -0.023 min  
Response: 426650  
Conc: 26.74 ng/ml



#42 AR-1268-2

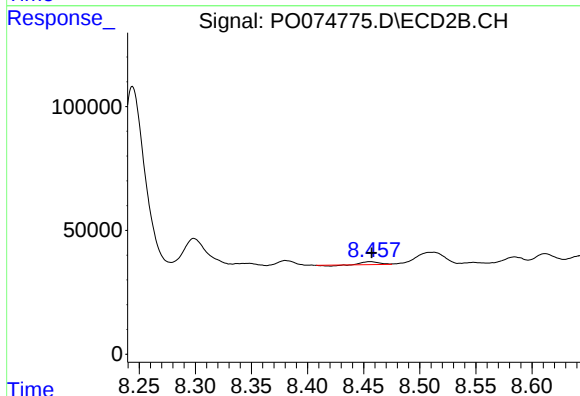
R.T.: 8.244 min  
Delta R.T.: -0.008 min  
Response: 989359  
Conc: 103.41 ng/ml



#43 AR-1268-3

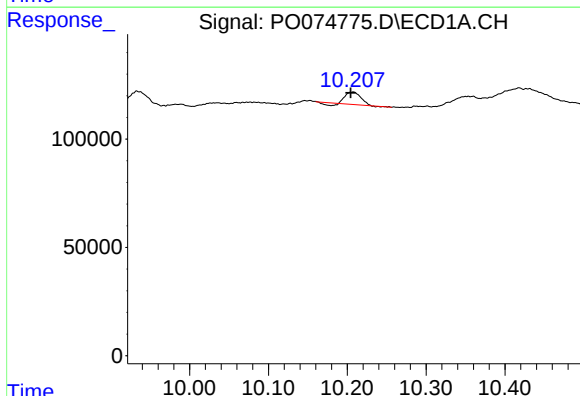
R.T.: 0.000 min  
Exp R.T.: 9.768 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
S5-01-C



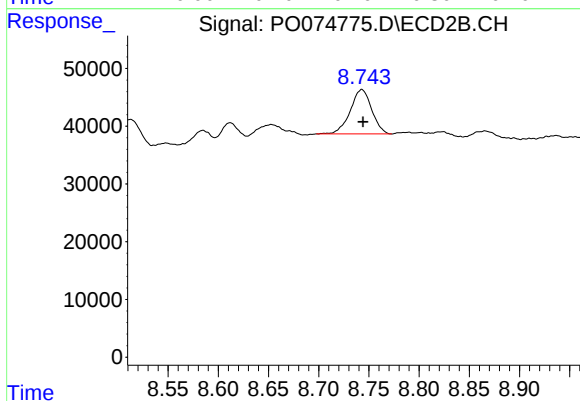
#43 AR-1268-3

R.T.: 8.456 min  
Delta R.T.: -0.001 min  
Response: 9678  
Conc: 1.16 ng/ml



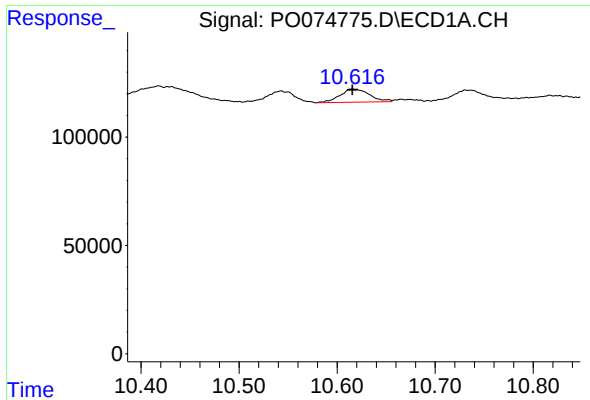
#44 AR-1268-4

R.T.: 10.208 min  
Delta R.T.: 0.003 min  
Response: 69224  
Conc: 11.82 ng/ml



#44 AR-1268-4

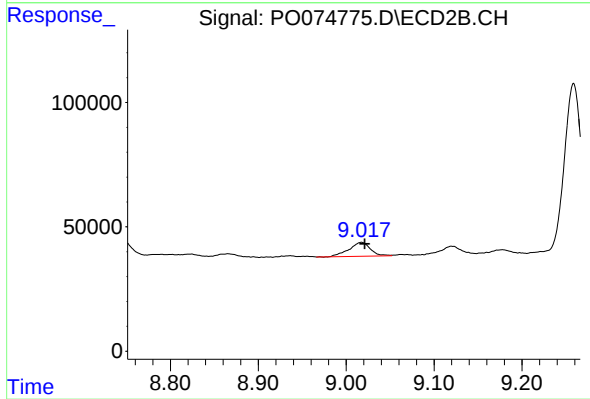
R.T.: 8.743 min  
Delta R.T.: -0.001 min  
Response: 114159  
Conc: 32.91 ng/ml



#45 AR-1268-5

R.T.: 10.616 min  
Delta R.T.: 0.000 min  
Response: 128602  
Conc: 3.08 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
S5-01-C



#45 AR-1268-5

R.T.: 9.018 min  
Delta R.T.: -0.004 min  
Response: 93364  
Conc: 3.94 ng/ml