

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_0\Data\PO122021\  
 Data File : PO083860.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 20 Dec 2021 12:34  
 Operator : AJ\MA  
 Sample : AR1254CCC500  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_0  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 20 13:10:58 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_0\methods\PO121521.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Dec 16 04:05:27 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... | 4.934  | 3.941  | 4992586 | 1555015 | 52.405   | 53.012     |
| 2)                          | SA Decachlor... | 11.009 | 9.236  | 3703328 | 1526407 | 54.068   | 54.361     |
| Target Compounds            |                 |        |        |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 6.269  | 5.194  | 42530   | 4606    | 13.364   | 3.743 #    |
| 4)                          | L1 AR-1016-2    | 6.294  | 5.194  | 60975   | 4606    | 13.398   | 2.682 #    |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.458  | 0       | 381440  | N.D.     | 516.372 #  |
| 7)                          | L1 AR-1016-5    | 6.782  | 5.685  | 530082  | 221612  | 249.626  | 244.417    |
| 9)                          | L2 AR-1221-2    | 5.289  | 4.292  | 61912   | 20235   | 86.648   | 77.091     |
| 12)                         | L3 AR-1232-2    | 0.000  | 5.194f | 0       | 4606    | N.D.     | 6.429 #    |
| 13)                         | L3 AR-1232-3    | 6.294  | 0.000  | 60975   | 0       | 33.387   | N.D. #     |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.500  | 0       | 100611  | N.D.     | 309.672 #  |
| 15)                         | L3 AR-1232-5    | 6.563  | 5.685  | 931460  | 221612  | 1542.290 | 634.183 #  |
| 16)                         | L4 AR-1242-1    | 6.269  | 5.194  | 42530   | 4606    | 17.854   | 4.873 #    |
| 17)                         | L4 AR-1242-2    | 6.294  | 5.194  | 60975   | 4606    | 17.906   | 3.515 #    |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.500  | 0       | 100611  | N.D.     | 153.189 #  |
| 20)                         | L4 AR-1242-5    | 7.255  | 6.066  | 460502  | 915456  | 265.703  | 1042.172 # |
| 21)                         | L5 AR-1248-1    | 6.269  | 5.194  | 42530   | 4606    | 24.366   | 6.617 #    |
| 22)                         | L5 AR-1248-2    | 6.563  | 5.458  | 931460  | 381440  | 403.288  | 382.276    |
| 23)                         | L5 AR-1248-3    | 6.782  | 5.500  | 530082  | 100611  | 196.400  | 100.346 #  |
| 24)                         | L5 AR-1248-4    | 7.214  | 5.685  | 777279  | 221612  | 263.980  | 191.124 #  |
| 25)                         | L5 AR-1248-5    | 7.255  | 6.109  | 460502  | 113347  | 162.186  | 97.049 #   |
| 26)                         | L6 AR-1254-1    | 7.182  | 6.066  | 1559249 | 915456  | 506.222  | 498.893    |
| 27)                         | L6 AR-1254-2    | 7.413  | 6.226  | 2368406 | 801025  | 510.358  | 504.343    |
| 28)                         | L6 AR-1254-3    | 7.798  | 6.646  | 2391191 | 1231978 | 512.813  | 514.334    |
| 29)                         | L6 AR-1254-4    | 8.096  | 6.887  | 1754446 | 832849  | 513.250  | 495.685    |
| 30)                         | L6 AR-1254-5    | 8.527  | 7.315  | 1855033 | 1149589 | 520.342  | 541.419    |
| 31)                         | L7 AR-1260-1    | 7.965  | 6.783  | 920978  | 606265  | 284.234  | 361.714 #  |
| 32)                         | L7 AR-1260-2    | 8.232  | 6.981  | 1060609 | 544398  | 273.820  | 263.655    |
| 33)                         | L7 AR-1260-3    | 8.589  | 7.133  | 243975  | 522109  | 82.358   | 294.932 #  |
| 34)                         | L7 AR-1260-4    | 8.826  | 7.618  | 676156  | 56283   | 197.670  | 38.198 #   |
| 35)                         | L7 AR-1260-5    | 9.161  | 7.867  | 315780  | 115576  | 46.868   | 29.864 #   |
| 36)                         | L8 AR-1262-1    | 8.589  | 7.315  | 243975  | 1149589 | 60.491   | 1044.756 # |
| 37)                         | L8 AR-1262-2    | 9.161  | 7.867  | 315780  | 115576  | 45.131   | 28.123 #   |
| 38)                         | L8 AR-1262-3    | 9.500f | 0.000  | 207547  | 0       | 66.335   | N.D. #     |
| 39)                         | L8 AR-1262-4    | 9.552  | 8.215  | 51645   | 139810  | 25.965   | 47.194 #   |
| 41)                         | L9 AR-1268-1    | 9.500f | 0.000  | 207547  | 0       | 22.986   | N.D. #     |
| 42)                         | L9 AR-1268-2    | 9.552f | 8.215  | 51645   | 139810  | 6.153    | 30.420 #   |
| -----                       |                 |        |        |         |         |          |            |

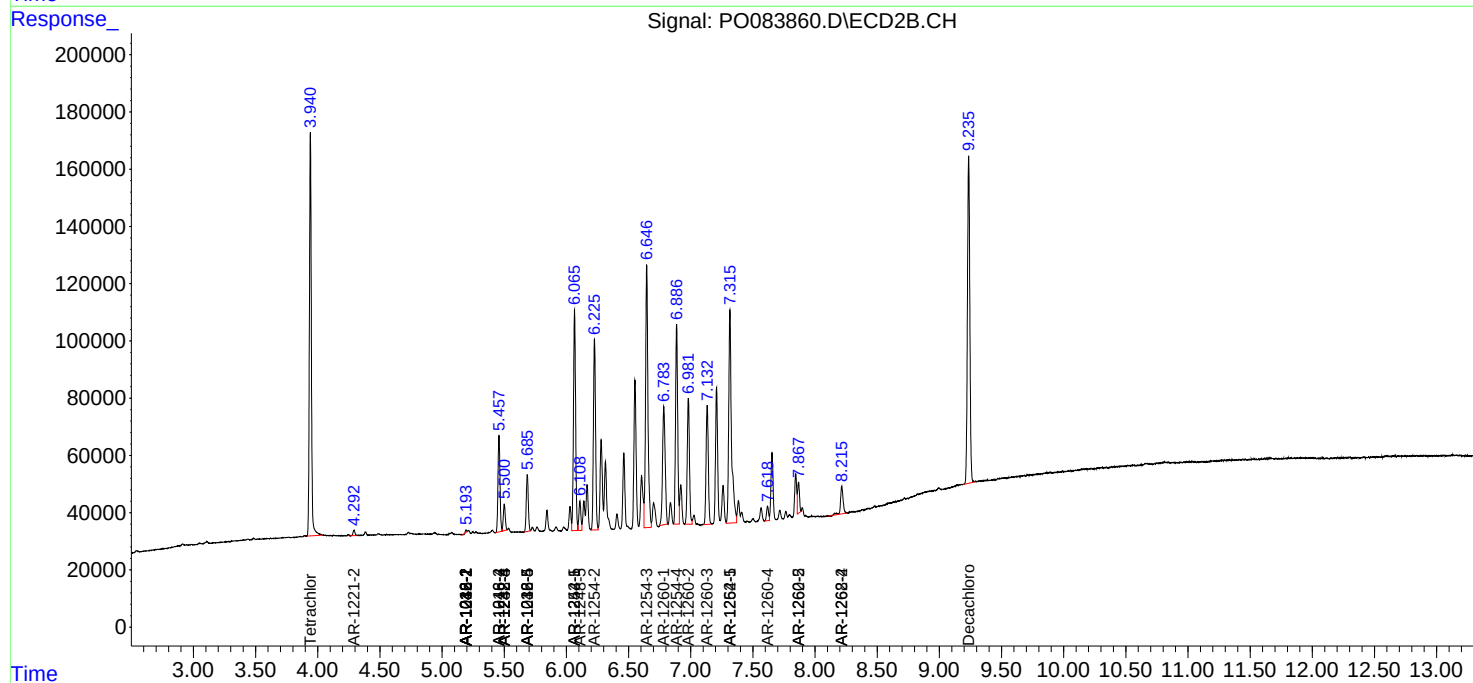
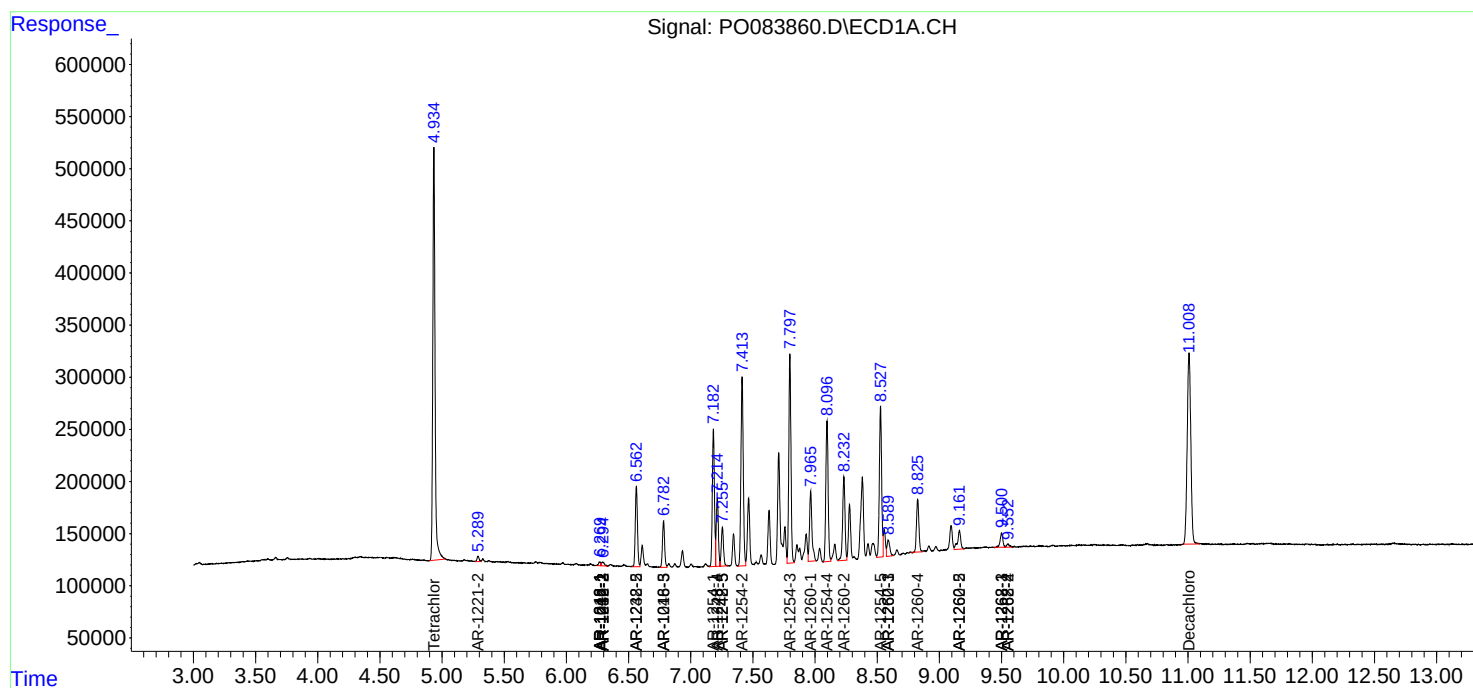
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

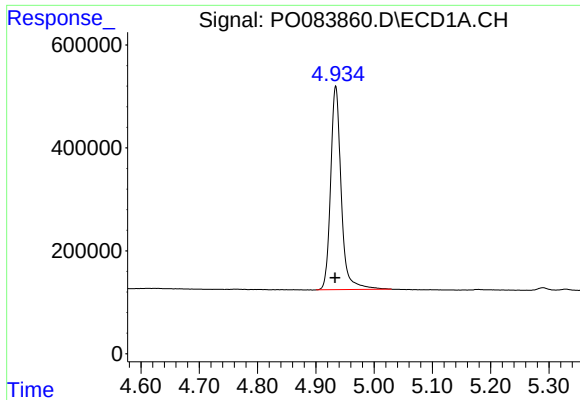
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO122021\  
Data File : PO083860.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 20 Dec 2021 12:34  
Operator : AJ\MA  
Sample : AR1254CCC500  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 20 13:10:58 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO121521.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Dec 16 04:05:27 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

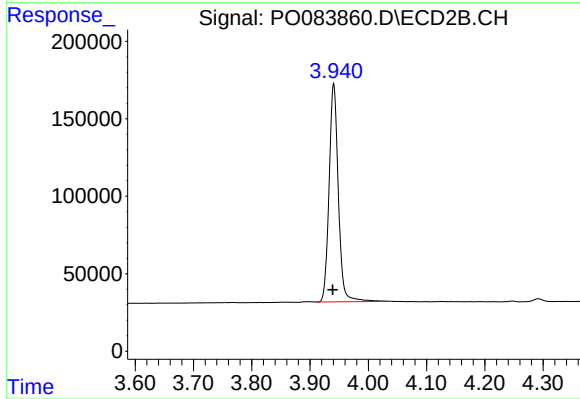




#1 Tetrachloro-m-xylene

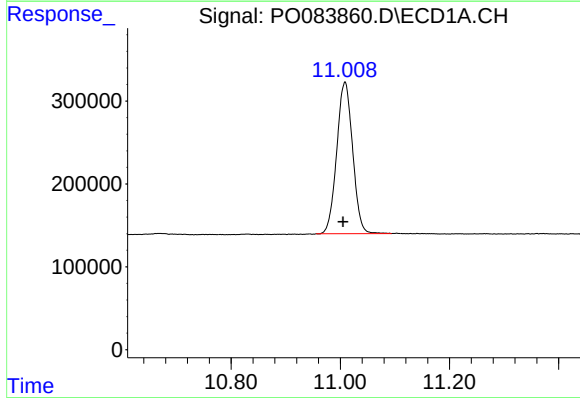
R.T.: 4.934 min  
Delta R.T.: 0.001 min  
Response: 4992586  
Conc: 52.41 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



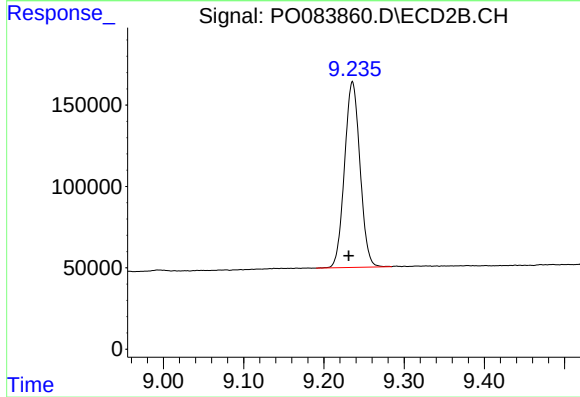
#1 Tetrachloro-m-xylene

R.T.: 3.941 min  
Delta R.T.: 0.002 min  
Response: 1555015  
Conc: 53.01 ng/ml



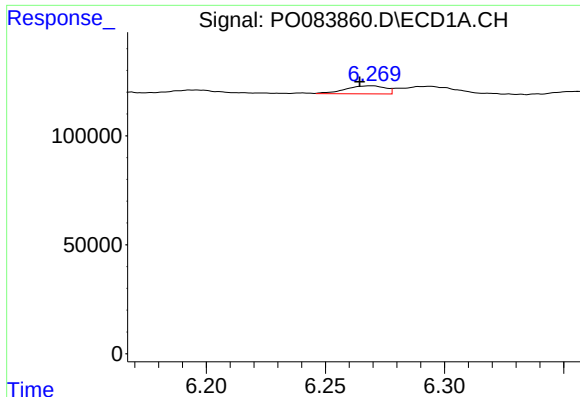
#2 Decachlorobiphenyl

R.T.: 11.009 min  
Delta R.T.: 0.004 min  
Response: 3703328  
Conc: 54.07 ng/ml



#2 Decachlorobiphenyl

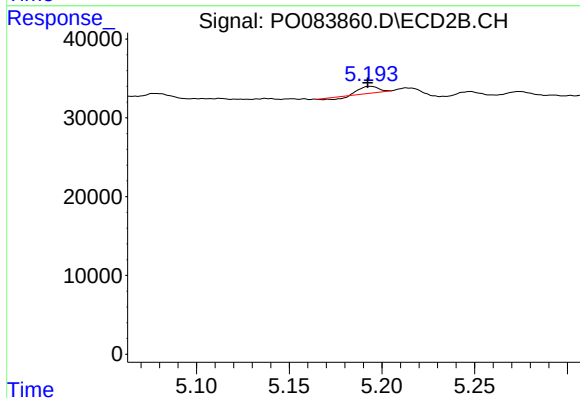
R.T.: 9.236 min  
Delta R.T.: 0.005 min  
Response: 1526407  
Conc: 54.36 ng/ml



#3 AR-1016-1

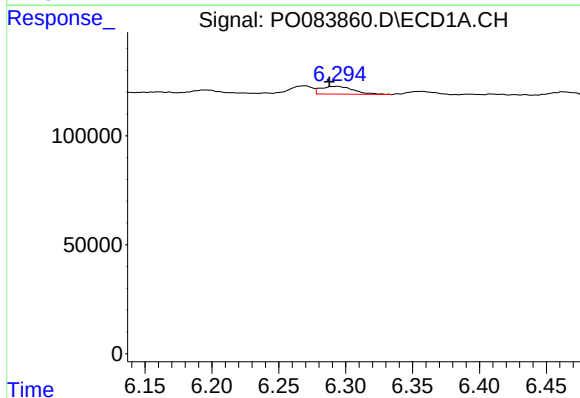
R.T.: 6.269 min  
Delta R.T.: 0.005 min  
Response: 42530  
Conc: 13.36 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



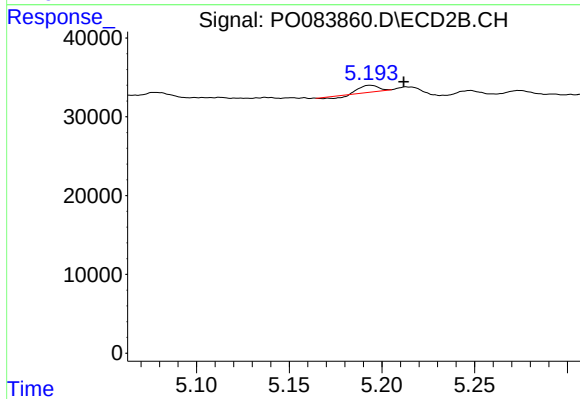
#3 AR-1016-1

R.T.: 5.194 min  
Delta R.T.: 0.001 min  
Response: 4606  
Conc: 3.74 ng/ml



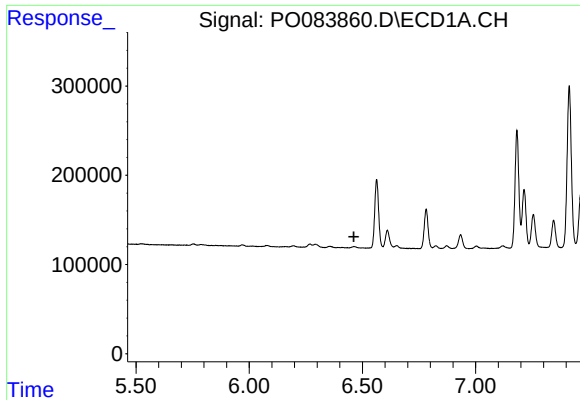
#4 AR-1016-2

R.T.: 6.294 min  
Delta R.T.: 0.006 min  
Response: 60975  
Conc: 13.40 ng/ml



#4 AR-1016-2

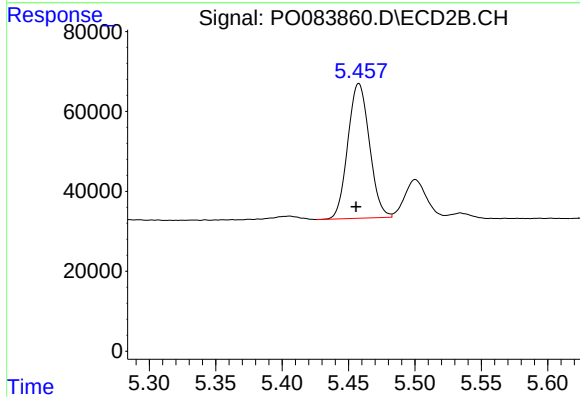
R.T.: 5.194 min  
Delta R.T.: -0.018 min  
Response: 4606  
Conc: 2.68 ng/ml



#6 AR-1016-4

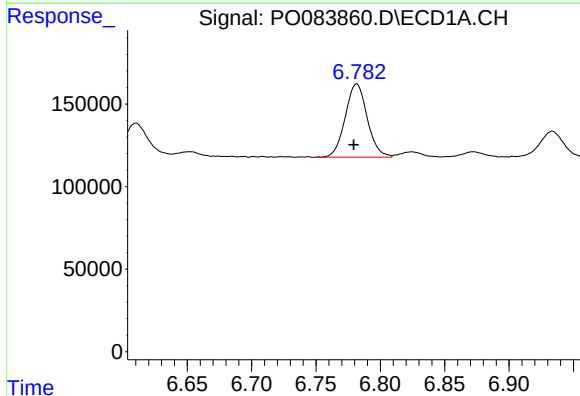
R.T.: 0.000 min  
Exp R.T.: 6.462 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



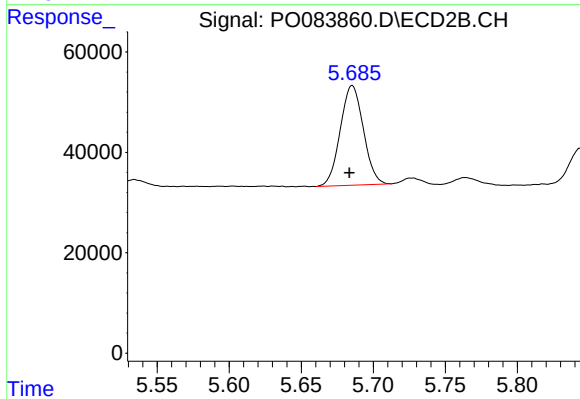
#6 AR-1016-4

R.T.: 5.458 min  
Delta R.T.: 0.002 min  
Response: 381440  
Conc: 516.37 ng/ml



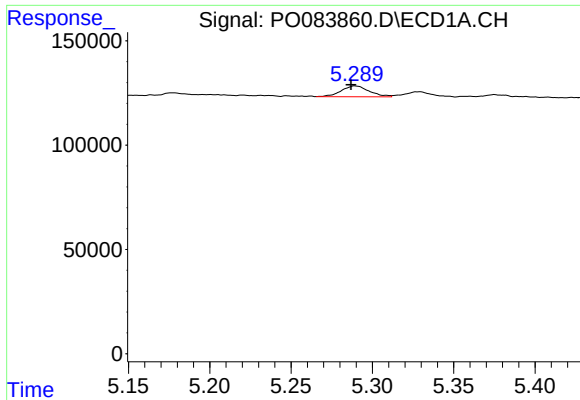
#7 AR-1016-5

R.T.: 6.782 min  
Delta R.T.: 0.002 min  
Response: 530082  
Conc: 249.63 ng/ml



#7 AR-1016-5

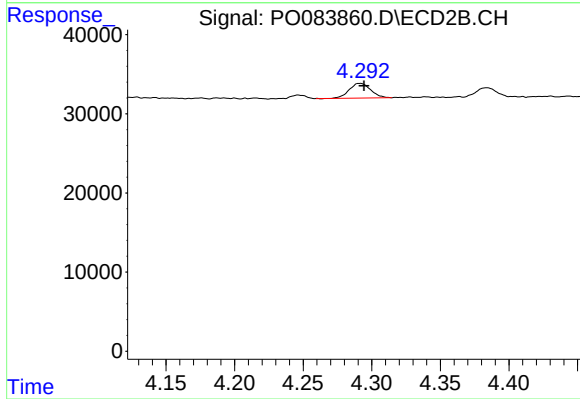
R.T.: 5.685 min  
Delta R.T.: 0.002 min  
Response: 221612  
Conc: 244.42 ng/ml



#9 AR-1221-2

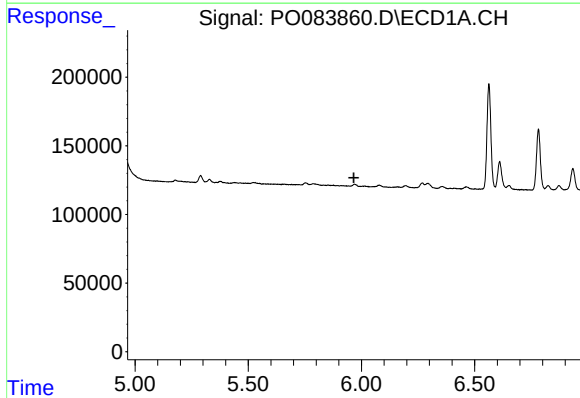
R.T.: 5.289 min  
Delta R.T.: 0.002 min  
Response: 61912  
Conc: 86.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



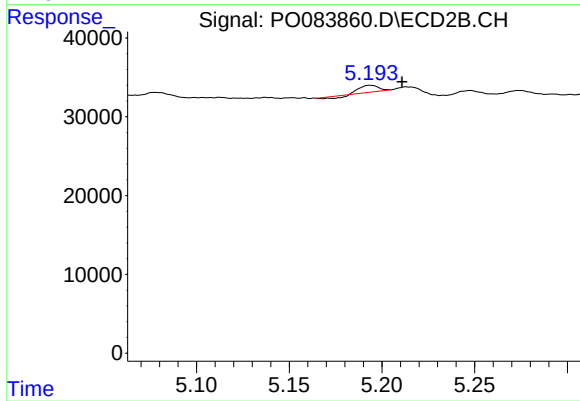
#9 AR-1221-2

R.T.: 4.292 min  
Delta R.T.: -0.003 min  
Response: 20235  
Conc: 77.09 ng/ml



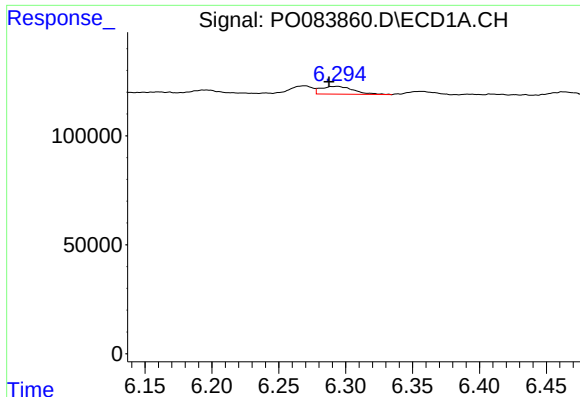
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.967 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

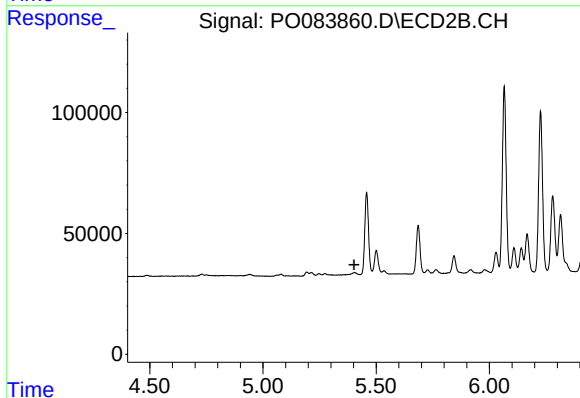
R.T.: 5.194 min  
Delta R.T.: -0.017 min  
Response: 4606  
Conc: 6.43 ng/ml



#13 AR-1232-3

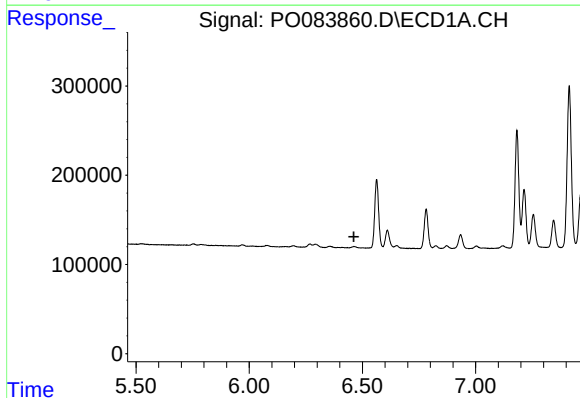
R.T.: 6.294 min  
Delta R.T.: 0.006 min  
Response: 60975  
Conc: 33.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



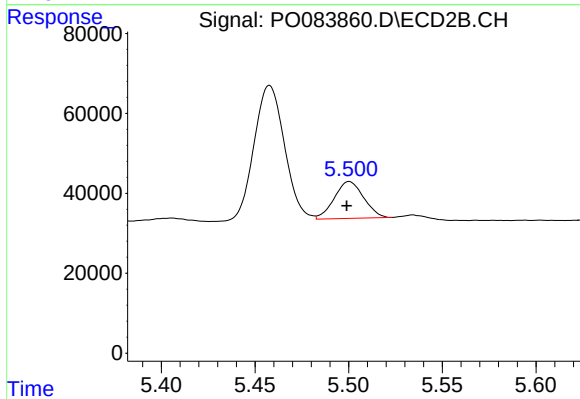
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.402 min  
Response: 0  
Conc: N.D.



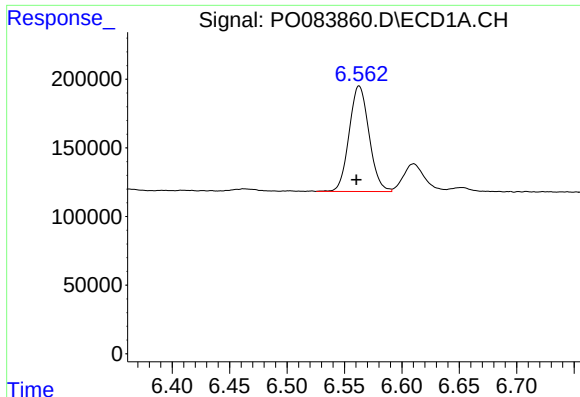
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 6.462 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

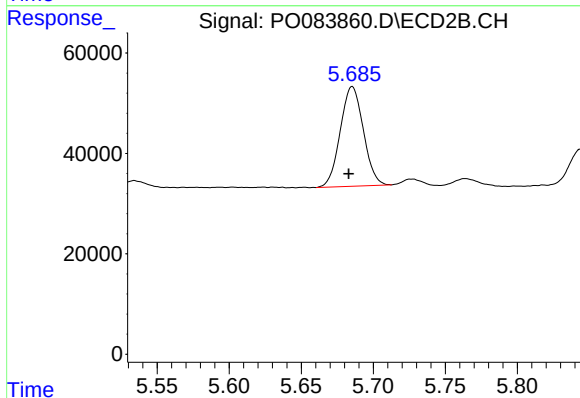
R.T.: 5.500 min  
Delta R.T.: 0.001 min  
Response: 100611  
Conc: 309.67 ng/ml



#15 AR-1232-5

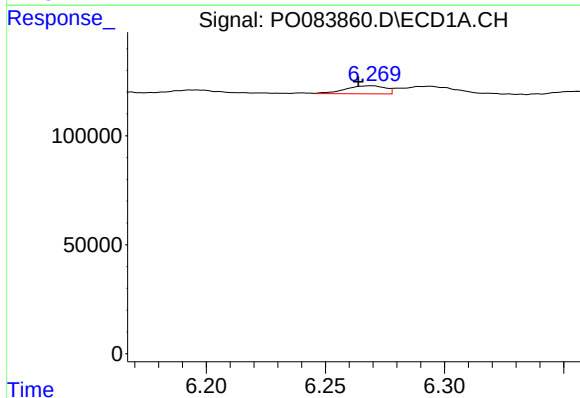
R.T.: 6.563 min  
Delta R.T.: 0.003 min  
Response: 931460  
Conc: 1542.29 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



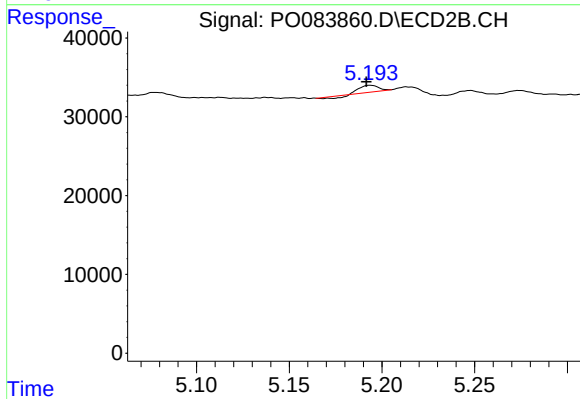
#15 AR-1232-5

R.T.: 5.685 min  
Delta R.T.: 0.003 min  
Response: 221612  
Conc: 634.18 ng/ml



#16 AR-1242-1

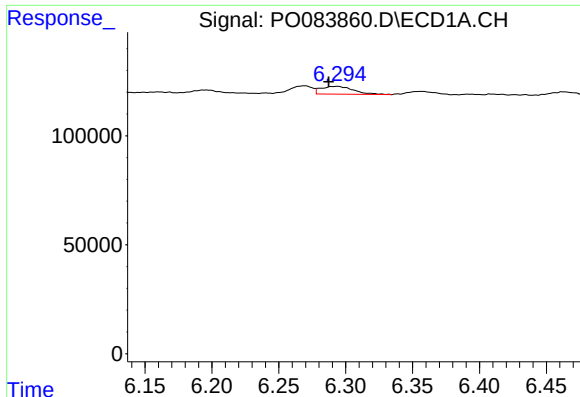
R.T.: 6.269 min  
Delta R.T.: 0.006 min  
Response: 42530  
Conc: 17.85 ng/ml



#16 AR-1242-1

R.T.: 5.194 min  
Delta R.T.: 0.002 min  
Response: 4606  
Conc: 4.87 ng/ml

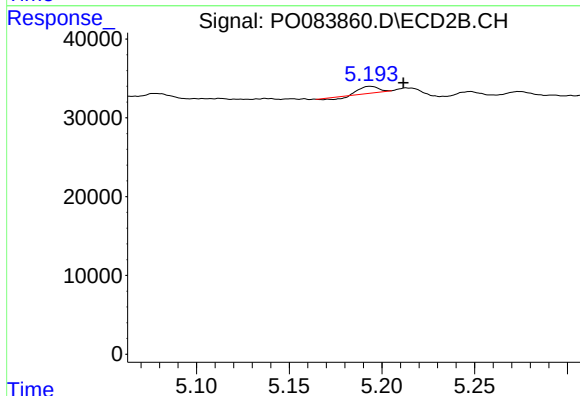




#17 AR-1242-2

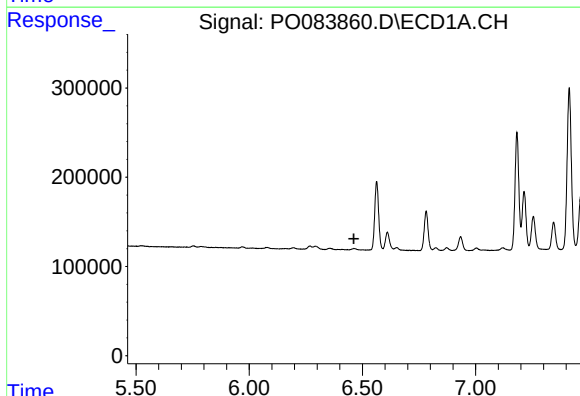
R.T.: 6.294 min  
Delta R.T.: 0.007 min  
Response: 60975  
Conc: 17.91 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



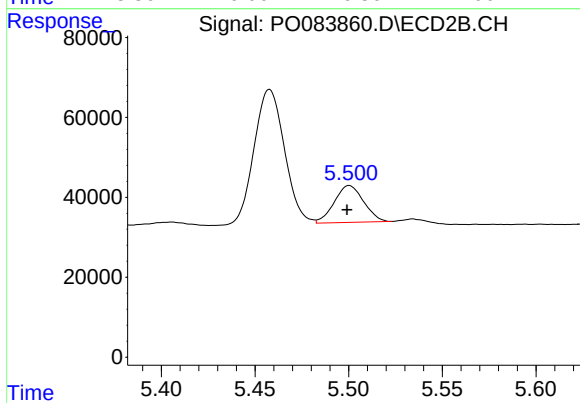
#17 AR-1242-2

R.T.: 5.194 min  
Delta R.T.: -0.018 min  
Response: 4606  
Conc: 3.52 ng/ml



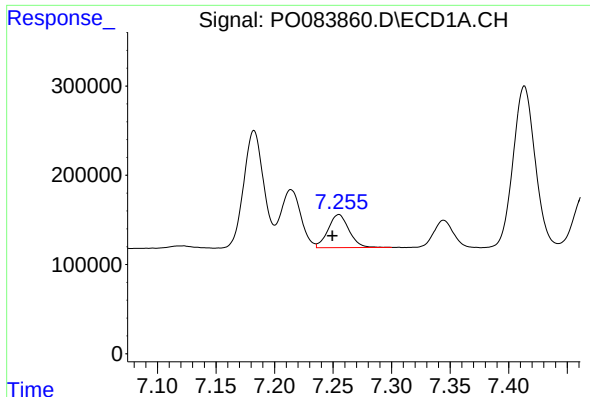
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 6.462 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

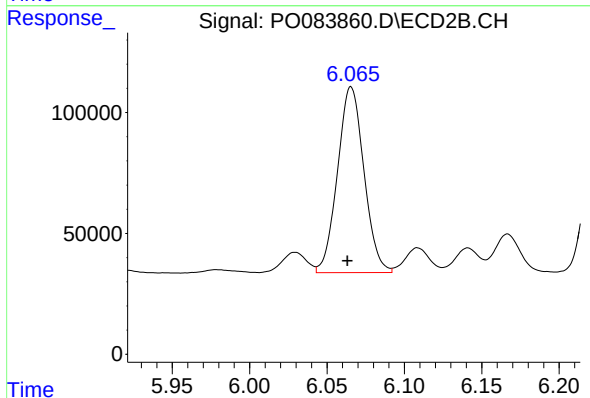
R.T.: 5.500 min  
Delta R.T.: 0.001 min  
Response: 100611  
Conc: 153.19 ng/ml



#20 AR-1242-5

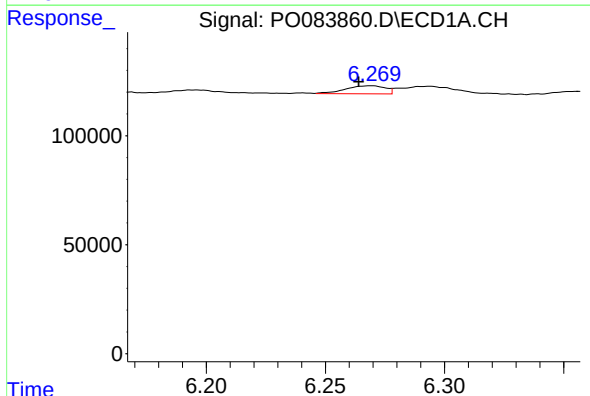
R.T.: 7.255 min  
Delta R.T.: 0.006 min  
Response: 460502  
Conc: 265.70 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



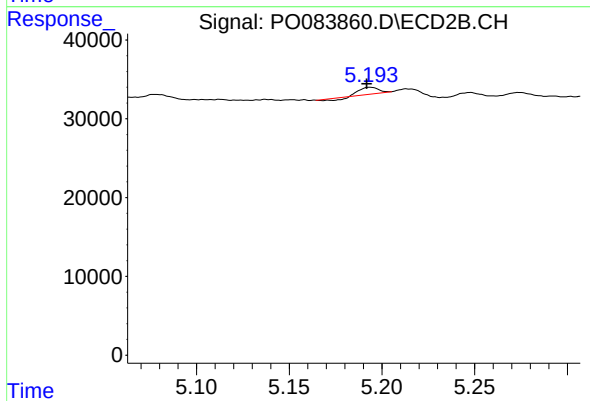
#20 AR-1242-5

R.T.: 6.066 min  
Delta R.T.: 0.002 min  
Response: 915456  
Conc: 1042.17 ng/ml



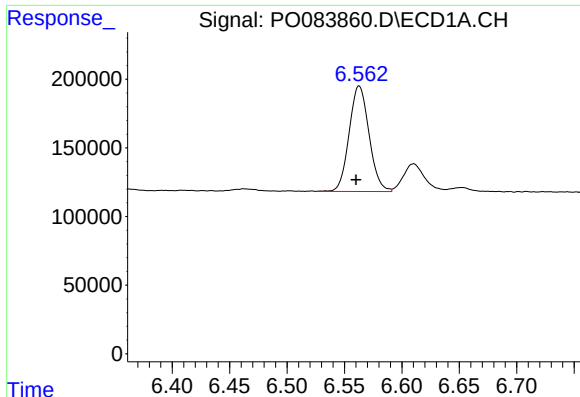
#21 AR-1248-1

R.T.: 6.269 min  
Delta R.T.: 0.005 min  
Response: 42530  
Conc: 24.37 ng/ml



#21 AR-1248-1

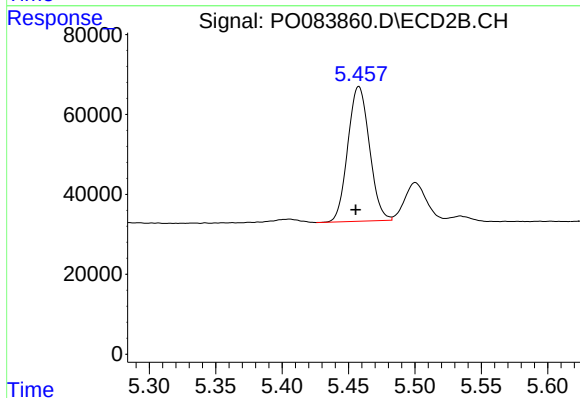
R.T.: 5.194 min  
Delta R.T.: 0.002 min  
Response: 4606  
Conc: 6.62 ng/ml



#22 AR-1248-2

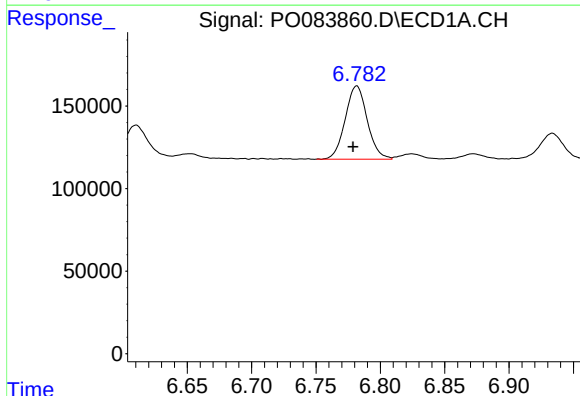
R.T.: 6.563 min  
Delta R.T.: 0.003 min  
Response: 931460  
Conc: 403.29 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



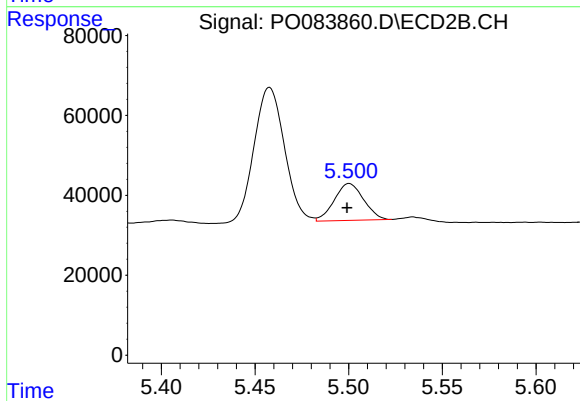
#22 AR-1248-2

R.T.: 5.458 min  
Delta R.T.: 0.002 min  
Response: 381440  
Conc: 382.28 ng/ml



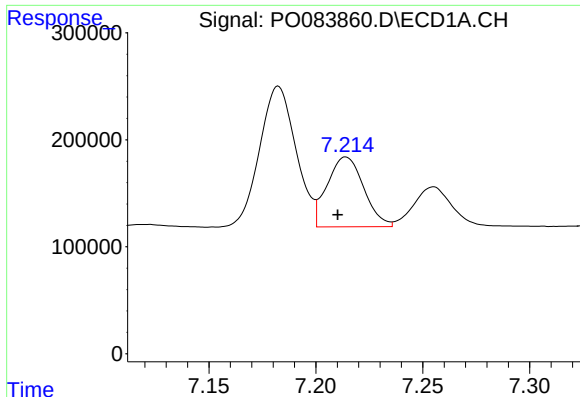
#23 AR-1248-3

R.T.: 6.782 min  
Delta R.T.: 0.003 min  
Response: 530082  
Conc: 196.40 ng/ml



#23 AR-1248-3

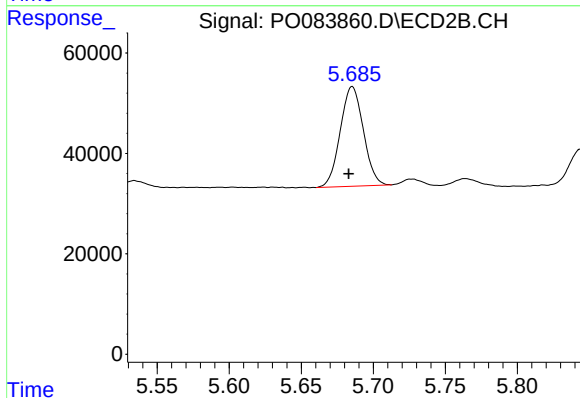
R.T.: 5.500 min  
Delta R.T.: 0.001 min  
Response: 100611  
Conc: 100.35 ng/ml



#24 AR-1248-4

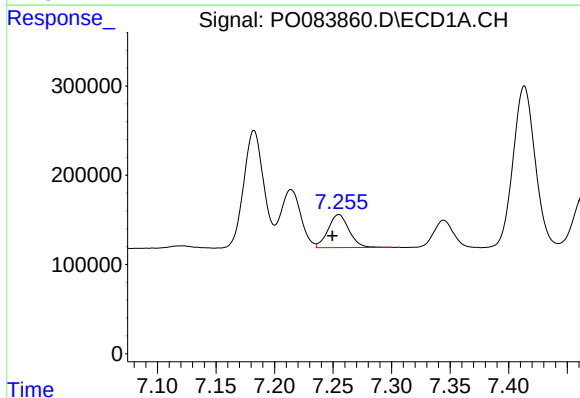
R.T.: 7.214 min  
Delta R.T.: 0.004 min  
Response: 777279  
Conc: 263.98 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



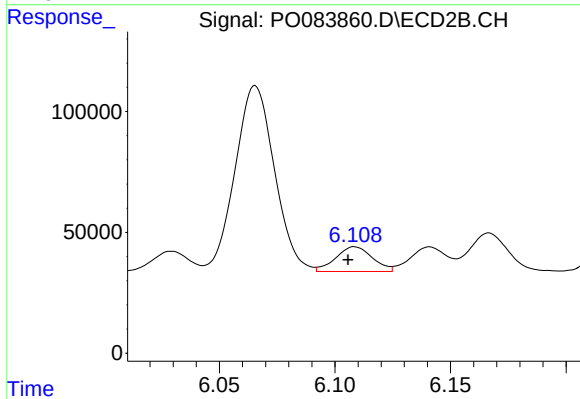
#24 AR-1248-4

R.T.: 5.685 min  
Delta R.T.: 0.003 min  
Response: 221612  
Conc: 191.12 ng/ml



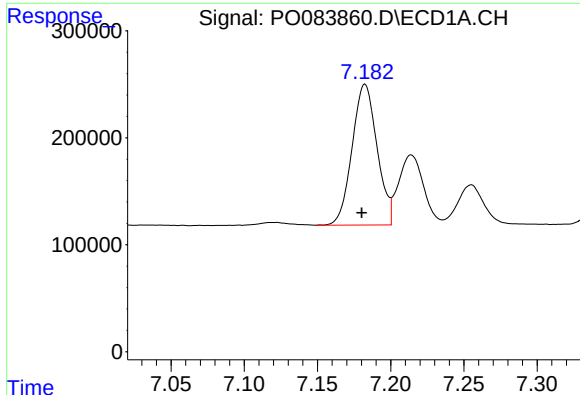
#25 AR-1248-5

R.T.: 7.255 min  
Delta R.T.: 0.006 min  
Response: 460502  
Conc: 162.19 ng/ml



#25 AR-1248-5

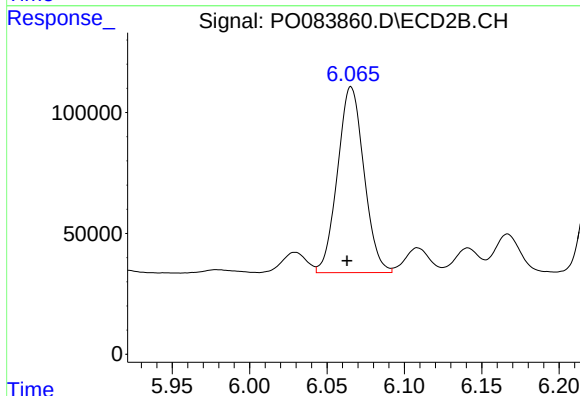
R.T.: 6.109 min  
Delta R.T.: 0.003 min  
Response: 113347  
Conc: 97.05 ng/ml



#26 AR-1254-1

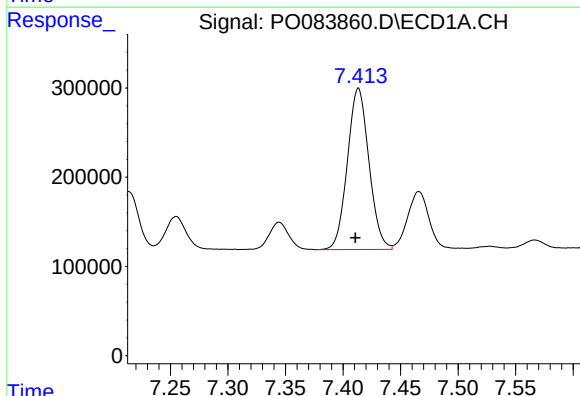
R.T.: 7.182 min  
Delta R.T.: 0.002 min  
Response: 1559249  
Conc: 506.22 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



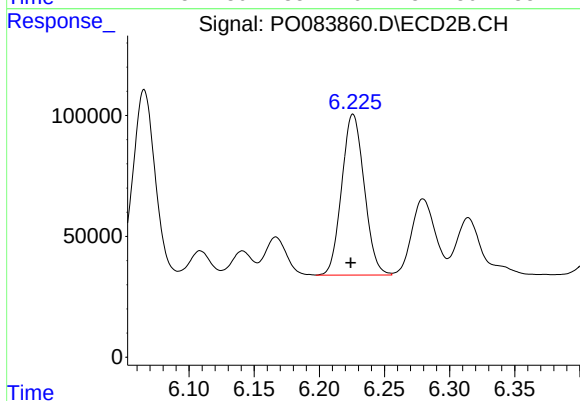
#26 AR-1254-1

R.T.: 6.066 min  
Delta R.T.: 0.003 min  
Response: 915456  
Conc: 498.89 ng/ml



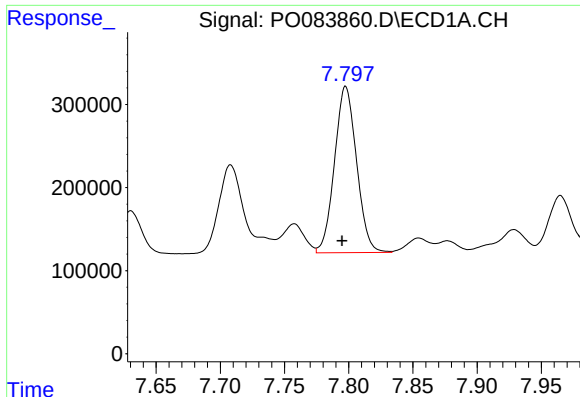
#27 AR-1254-2

R.T.: 7.413 min  
Delta R.T.: 0.003 min  
Response: 2368406  
Conc: 510.36 ng/ml



#27 AR-1254-2

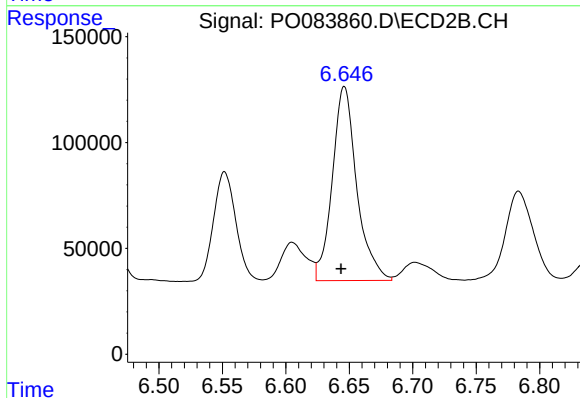
R.T.: 6.226 min  
Delta R.T.: 0.002 min  
Response: 801025  
Conc: 504.34 ng/ml



#28 AR-1254-3

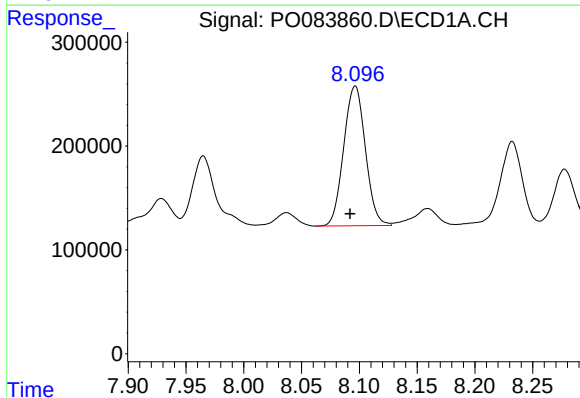
R.T.: 7.798 min  
Delta R.T.: 0.003 min  
Response: 2391191  
Conc: 512.81 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



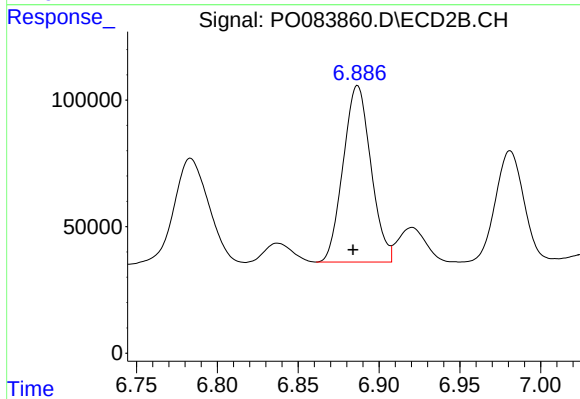
#28 AR-1254-3

R.T.: 6.646 min  
Delta R.T.: 0.003 min  
Response: 1231978  
Conc: 514.33 ng/ml



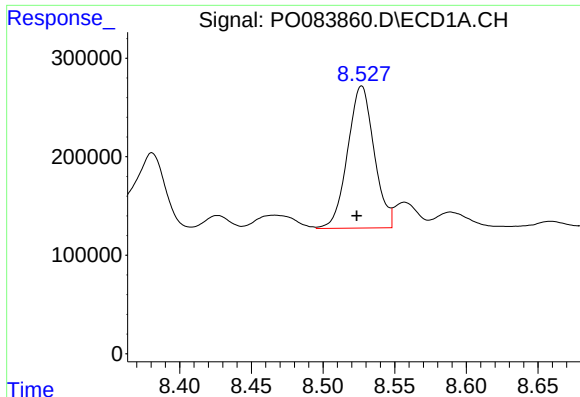
#29 AR-1254-4

R.T.: 8.096 min  
Delta R.T.: 0.004 min  
Response: 1754446  
Conc: 513.25 ng/ml



#29 AR-1254-4

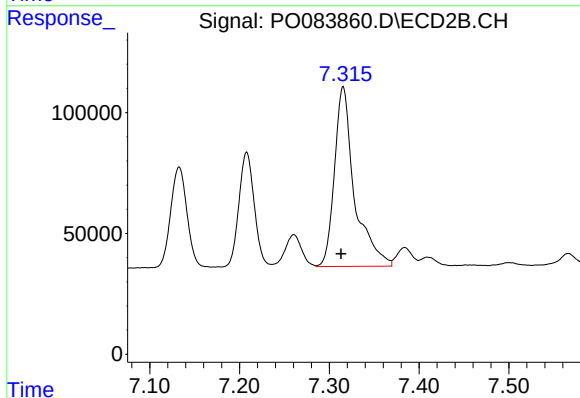
R.T.: 6.887 min  
Delta R.T.: 0.003 min  
Response: 832849  
Conc: 495.68 ng/ml



#30 AR-1254-5

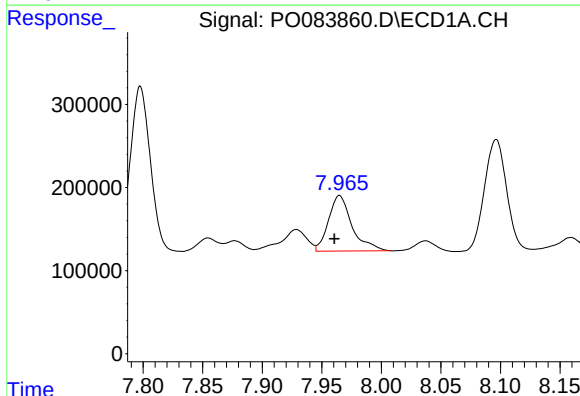
R.T.: 8.527 min  
Delta R.T.: 0.003 min  
Response: 1855033  
Conc: 520.34 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



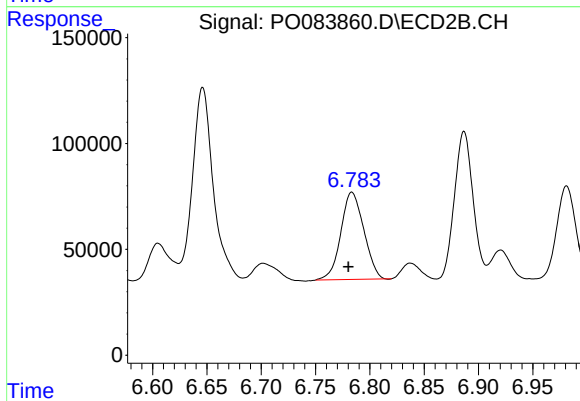
#30 AR-1254-5

R.T.: 7.315 min  
Delta R.T.: 0.002 min  
Response: 1149589  
Conc: 541.42 ng/ml



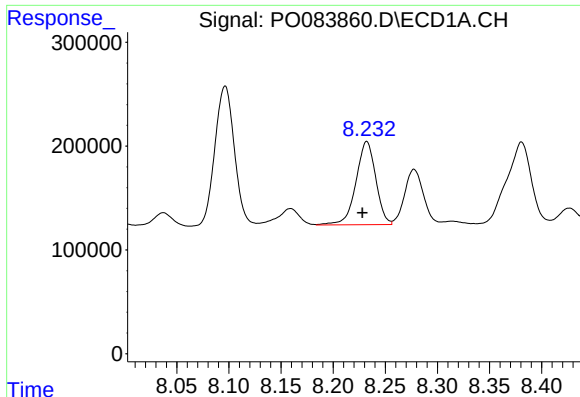
#31 AR-1260-1

R.T.: 7.965 min  
Delta R.T.: 0.004 min  
Response: 920978  
Conc: 284.23 ng/ml



#31 AR-1260-1

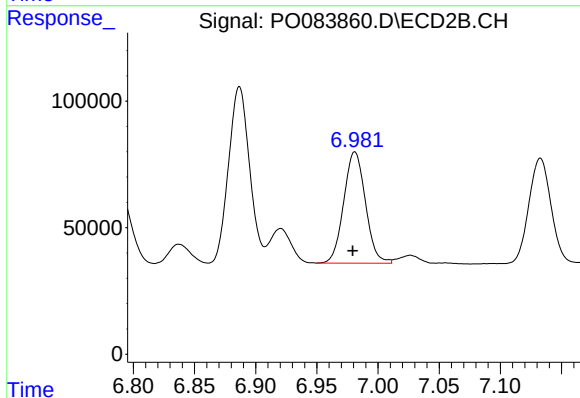
R.T.: 6.783 min  
Delta R.T.: 0.003 min  
Response: 606265  
Conc: 361.71 ng/ml



#32 AR-1260-2

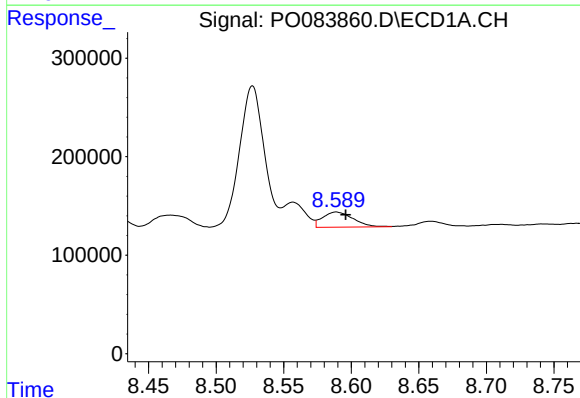
R.T.: 8.232 min  
Delta R.T.: 0.004 min  
Response: 1060609  
Conc: 273.82 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



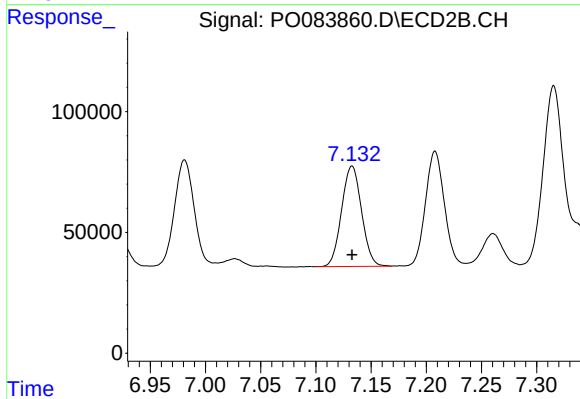
#32 AR-1260-2

R.T.: 6.981 min  
Delta R.T.: 0.002 min  
Response: 544398  
Conc: 263.66 ng/ml



#33 AR-1260-3

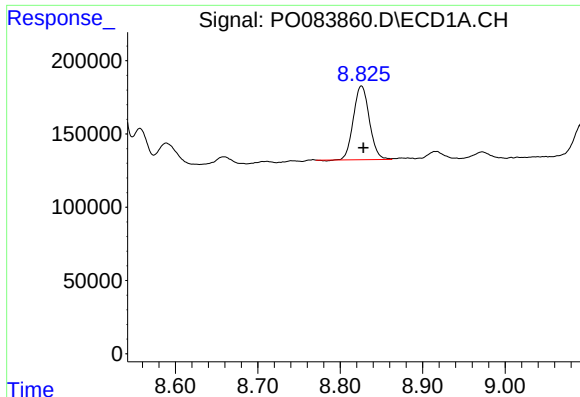
R.T.: 8.589 min  
Delta R.T.: -0.007 min  
Response: 243975  
Conc: 82.36 ng/ml



#33 AR-1260-3

R.T.: 7.133 min  
Delta R.T.: 0.000 min  
Response: 522109  
Conc: 294.93 ng/ml

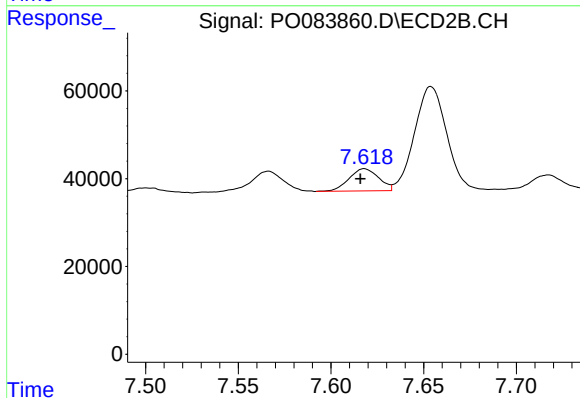




#34 AR-1260-4

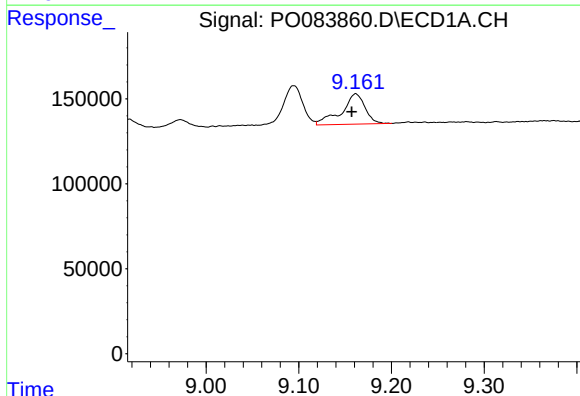
R.T.: 8.826 min  
Delta R.T.: -0.002 min  
Response: 676156  
Conc: 197.67 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



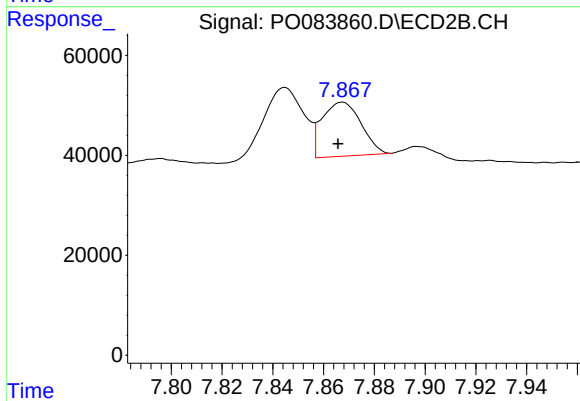
#34 AR-1260-4

R.T.: 7.618 min  
Delta R.T.: 0.002 min  
Response: 56283  
Conc: 38.20 ng/ml



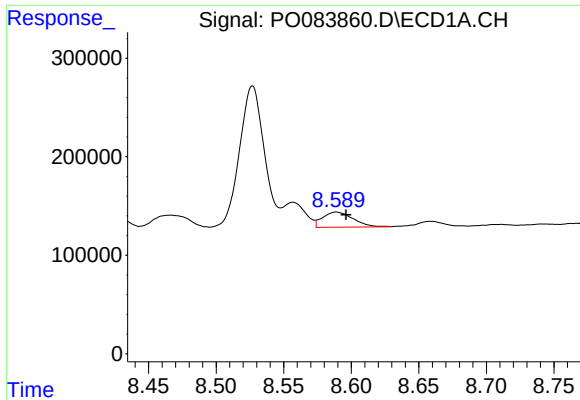
#35 AR-1260-5

R.T.: 9.161 min  
Delta R.T.: 0.004 min  
Response: 315780  
Conc: 46.87 ng/ml



#35 AR-1260-5

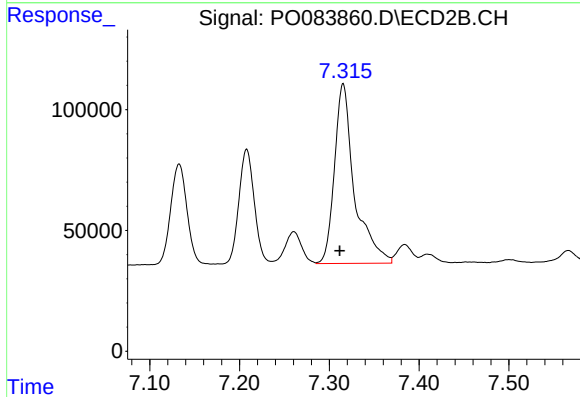
R.T.: 7.867 min  
Delta R.T.: 0.002 min  
Response: 115576  
Conc: 29.86 ng/ml



#36 AR-1262-1

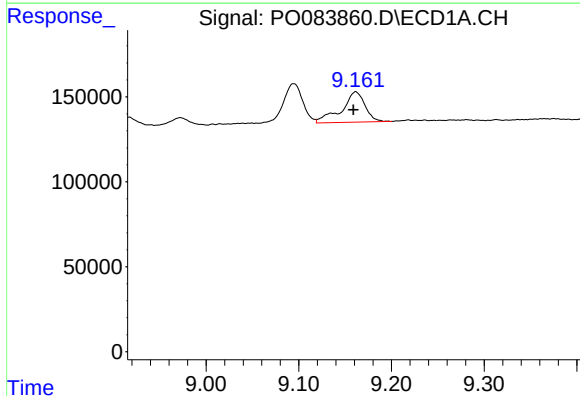
R.T.: 8.589 min  
Delta R.T.: -0.007 min  
Response: 243975  
Conc: 60.49 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



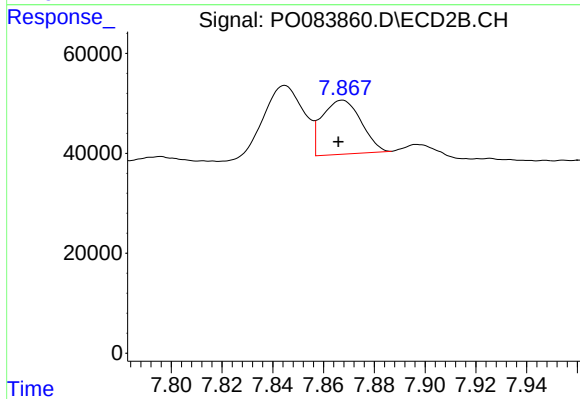
#36 AR-1262-1

R.T.: 7.315 min  
Delta R.T.: 0.004 min  
Response: 1149589  
Conc: 1044.76 ng/ml



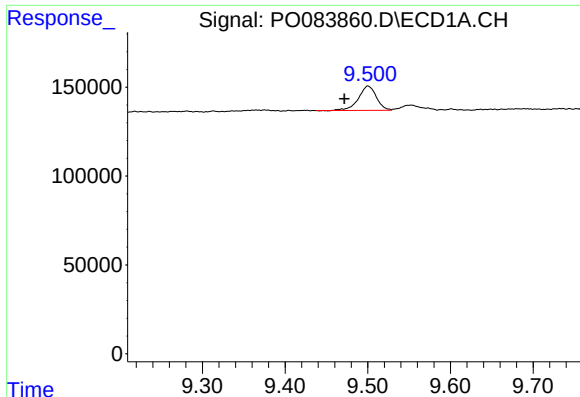
#37 AR-1262-2

R.T.: 9.161 min  
Delta R.T.: 0.002 min  
Response: 315780  
Conc: 45.13 ng/ml



#37 AR-1262-2

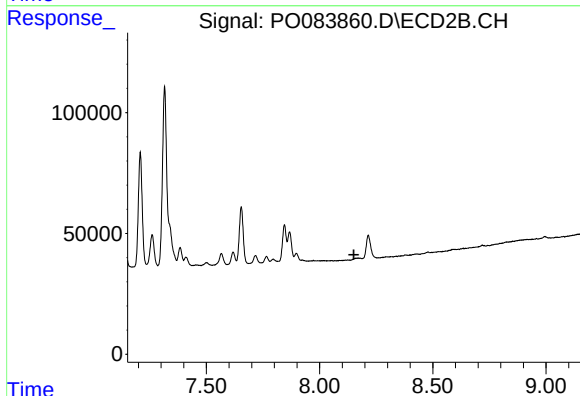
R.T.: 7.867 min  
Delta R.T.: 0.002 min  
Response: 115576  
Conc: 28.12 ng/ml



#38 AR-1262-3

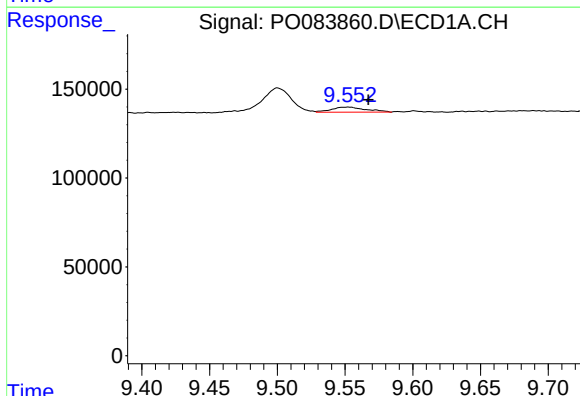
R.T.: 9.500 min  
Delta R.T.: 0.029 min  
Response: 207547  
Conc: 66.33 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



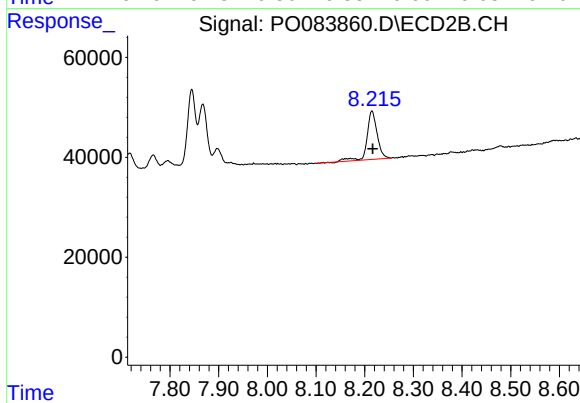
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 8.152 min  
Response: 0  
Conc: N.D.



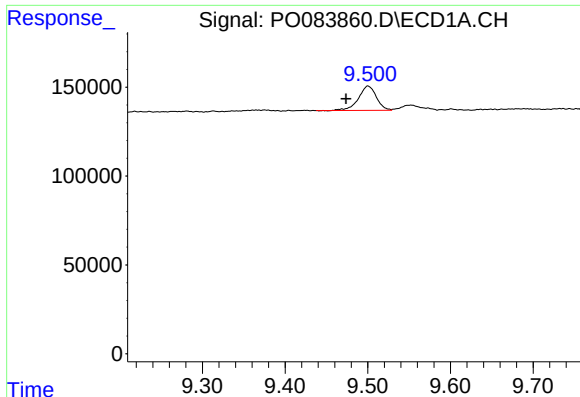
#39 AR-1262-4

R.T.: 9.552 min  
Delta R.T.: -0.015 min  
Response: 51645  
Conc: 25.97 ng/ml



#39 AR-1262-4

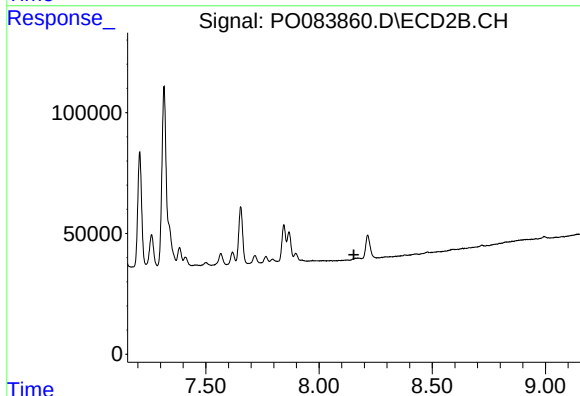
R.T.: 8.215 min  
Delta R.T.: -0.002 min  
Response: 139810  
Conc: 47.19 ng/ml



#41 AR-1268-1

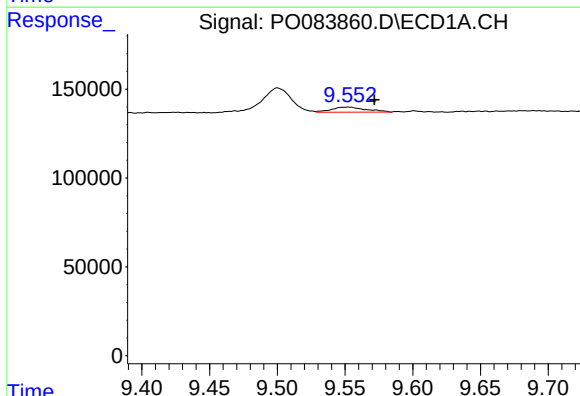
R.T.: 9.500 min  
Delta R.T.: 0.027 min  
Response: 207547  
Conc: 22.99 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



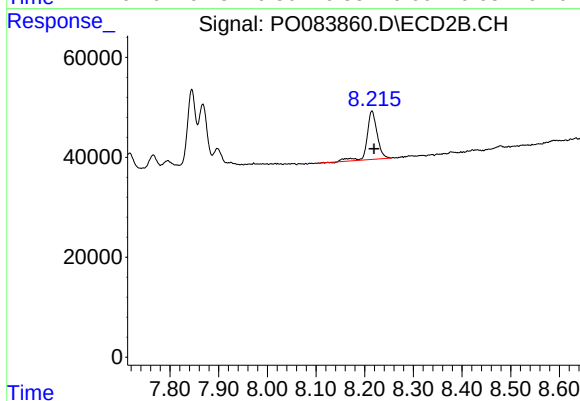
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 8.154 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 9.552 min  
Delta R.T.: -0.019 min  
Response: 51645  
Conc: 6.15 ng/ml



#42 AR-1268-2

R.T.: 8.215 min  
Delta R.T.: -0.004 min  
Response: 139810  
Conc: 30.42 ng/ml