

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO121419\  
 Data File : PO064643.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 14 Dec 2019 1:39  
 Operator : SM/AJ  
 Sample : K6144-09  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 15F

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 14 03:03:01 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO121319.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Dec 13 08:19:24 2019  
 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... | 4.182 | 3.460 | 345089  | 432608  | 14.175  | 17.066    |
| 2)                          | SA Decachlor... | 9.701 | 8.385 | 214782  | 262429  | 6.998   | 7.557     |
|                             |                 |       |       |         |         |         |           |
| Target Compounds            |                 |       |       |         |         |         |           |
| 3)                          | L1 AR-1016-1    | 5.271 | 4.459 | 7014    | 27888   | 7.029   | 25.787 #  |
| 6)                          | L1 AR-1016-4    | 5.487 | 0.000 | 34300   | 0       | 47.355  | N.D. #    |
| 7)                          | L1 AR-1016-5    | 5.785 | 4.926 | 159550  | 251007  | 218.930 | 287.667 # |
| 14)                         | L3 AR-1232-4    | 5.487 | 0.000 | 34300   | 0       | 61.700  | N.D. #    |
| 15)                         | L3 AR-1232-5    | 5.604 | 4.926 | 29846   | 251007  | 71.920  | 395.480 # |
| 16)                         | L4 AR-1242-1    | 5.271 | 4.459 | 7014    | 27888   | 8.950   | 32.095 #  |
| 19)                         | L4 AR-1242-4    | 5.487 | 0.000 | 34300   | 0       | 60.840  | N.D. #    |
| 20)                         | L4 AR-1242-5    | 6.207 | 5.317 | 157602  | 231918  | 226.138 | 260.890   |
| 21)                         | L5 AR-1248-1    | 5.271 | 4.459 | 7014    | 27888   | 10.867  | 38.960 #  |
| 22)                         | L5 AR-1248-2    | 5.604 | 0.000 | 29846   | 0       | 32.298  | N.D. #    |
| 23)                         | L5 AR-1248-3    | 5.785 | 0.000 | 159550  | 0       | 150.182 | N.D. #    |
| 24)                         | L5 AR-1248-4    | 6.207 | 4.926 | 157602  | 251007  | 120.852 | 195.031 # |
| 25)                         | L5 AR-1248-5    | 6.207 | 5.317 | 157602  | 231918  | 126.655 | 121.995   |
| 26)                         | L6 AR-1254-1    | 6.177 | 5.317 | 108247  | 231918  | 84.997  | 114.205 # |
| 27)                         | L6 AR-1254-2    | 6.394 | 5.463 | 298137  | 377962  | 143.332 | 207.286 # |
| 28)                         | L6 AR-1254-3    | 6.757 | 5.863 | 402049  | 869020  | 168.377 | 279.749 # |
| 29)                         | L6 AR-1254-4    | 7.040 | 6.090 | 384591  | 361037  | 205.670 | 175.770   |
| 30)                         | L6 AR-1254-5    | 7.454 | 6.504 | 985894  | 1002626 | 468.575 | 335.901 # |
| 31)                         | L7 AR-1260-1    | 6.918 | 5.992 | 512060  | 650904  | 333.306 | 352.507   |
| 32)                         | L7 AR-1260-2    | 7.173 | 6.179 | 772960  | 889075  | 391.571 | 382.134   |
| 33)                         | L7 AR-1260-3    | 7.530 | 6.331 | 670246  | 522048  | 446.055 | 246.561 # |
| 34)                         | L7 AR-1260-4    | 7.751 | 6.799 | 800124  | 661493  | 433.149 | 351.130   |
| 35)                         | L7 AR-1260-5    | 8.059 | 7.041 | 1023481 | 1480649 | 274.266 | 315.702   |
| 36)                         | L8 AR-1262-1    | 7.530 | 6.595 | 670246  | 307485  | 291.482 | 268.019   |
| 37)                         | L8 AR-1262-2    | 8.059 | 7.041 | 1023481 | 1480649 | 235.791 | 270.967   |
| 38)                         | L8 AR-1262-3    | 8.346 | 7.321 | 850907  | 603105  | 292.409 | 289.563   |
| 39)                         | L8 AR-1262-4    | 8.429 | 7.385 | 528864  | 1001175 | 244.355 | 251.484   |
| 40)                         | L8 AR-1262-5    | 9.028 | 7.877 | 363306  | 439634  | 247.679 | 252.144   |
| 41)                         | L9 AR-1268-1    | 8.346 | 7.321 | 850907  | 603105  | 164.647 | 94.316 #  |
| 42)                         | L9 AR-1268-2    | 8.429 | 7.385 | 528864  | 1001175 | 112.466 | 171.774 # |
| 43)                         | L9 AR-1268-3    | 8.637 | 0.000 | 28931   | 0       | 7.505   | N.D. #    |
| 44)                         | L9 AR-1268-4    | 9.028 | 7.877 | 363306  | 439634  | 216.099 | 218.409   |
| 45)                         | L9 AR-1268-5    | 9.401 | 8.149 | 105898  | 150657  | 8.924   | 10.414    |
| -----                       |                 |       |       |         |         |         |           |

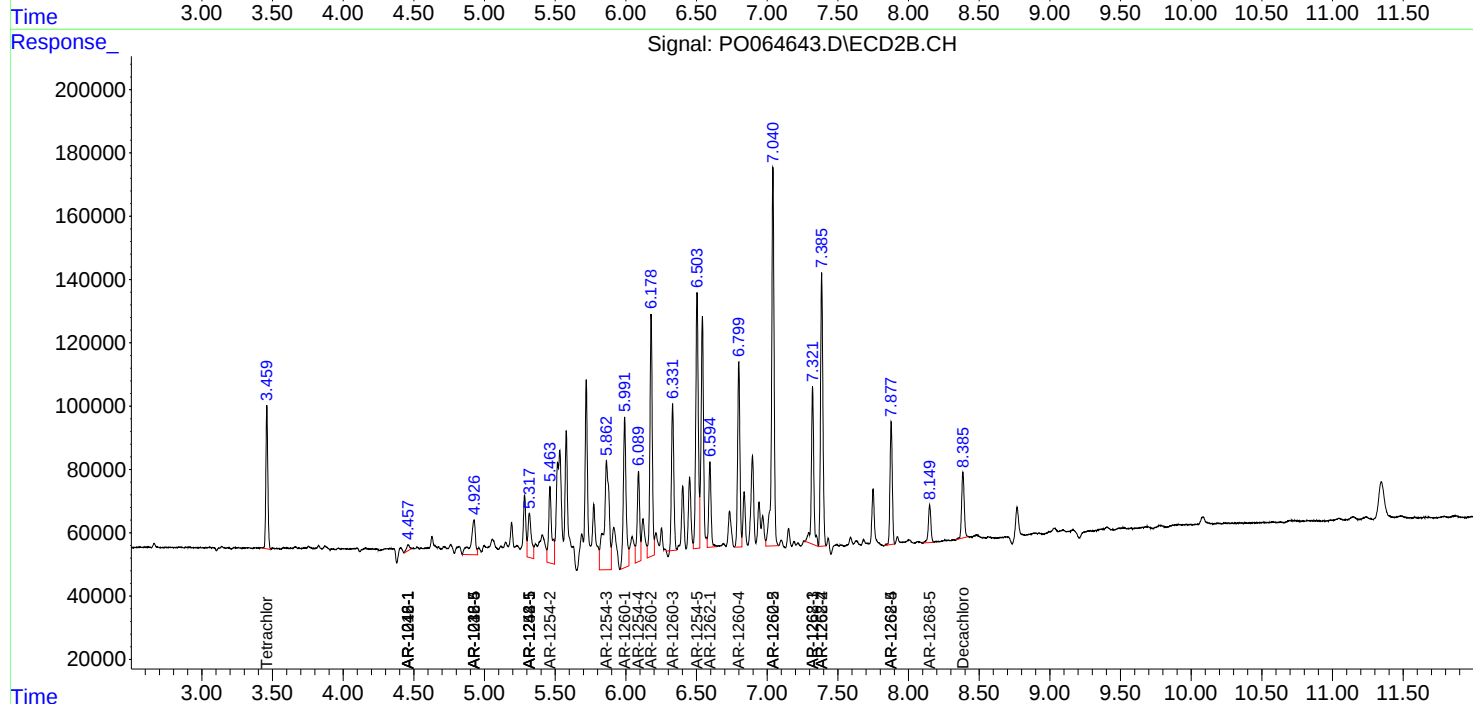
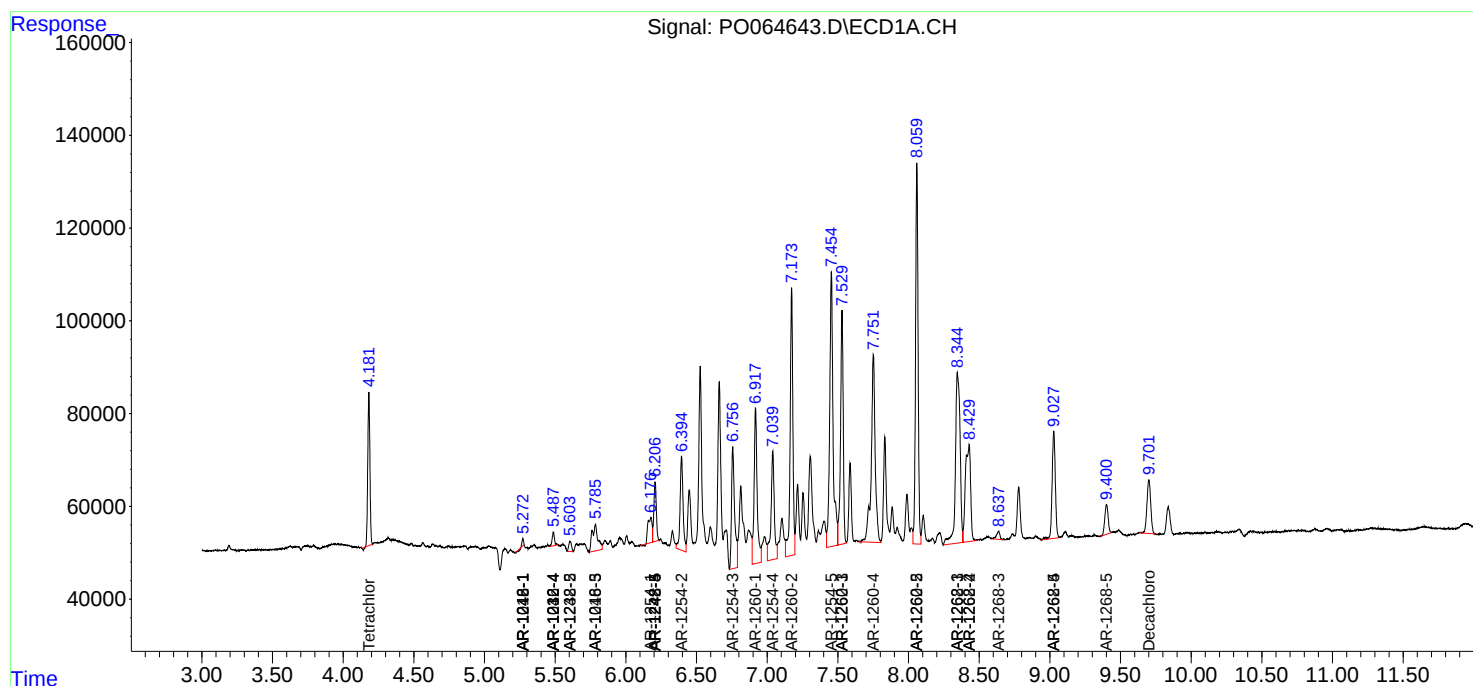
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

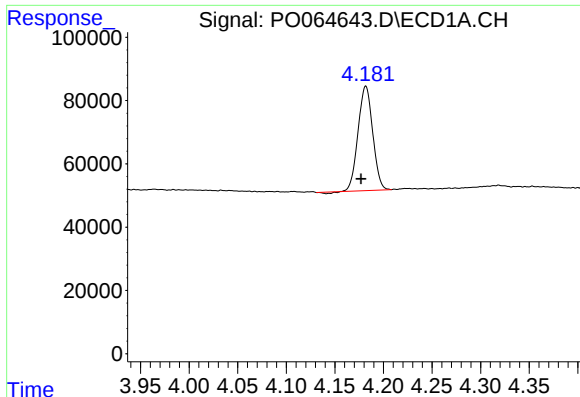
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO121419\  
Data File : P0064643.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 14 Dec 2019 1:39  
Operator : SM/AJ  
Sample : K6144-09  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :  
15F

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 14 03:03:01 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO121319.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Dec 13 08:19:24 2019  
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

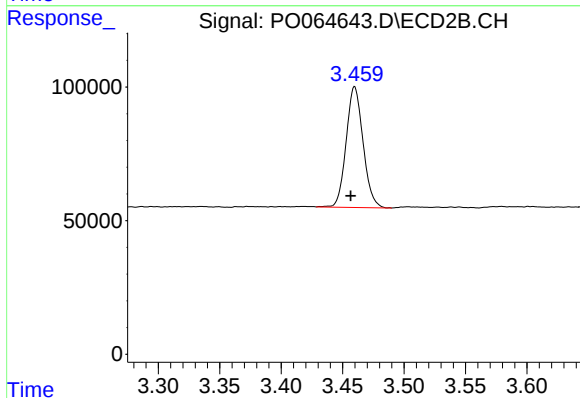




#1 Tetrachloro-m-xylene

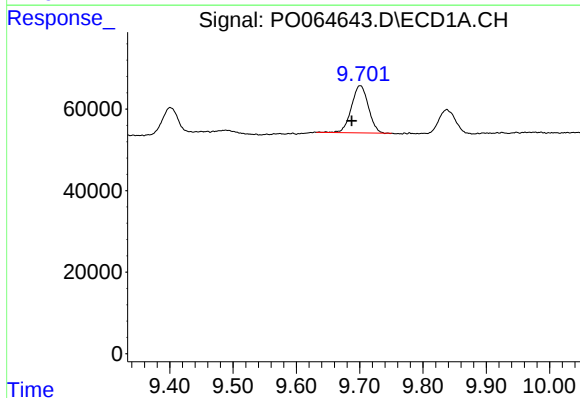
R.T.: 4.182 min  
Delta R.T.: 0.005 min  
Response: 345089  
Conc: 14.17 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
15F



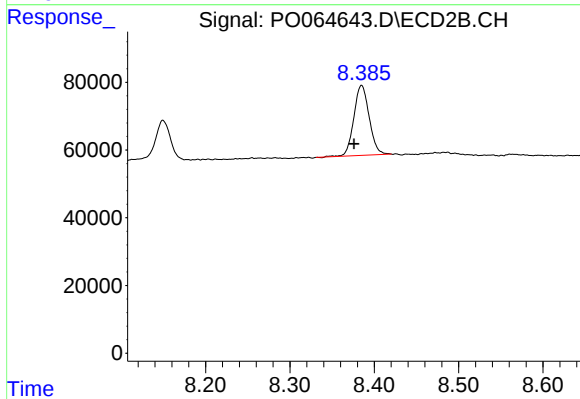
#1 Tetrachloro-m-xylene

R.T.: 3.460 min  
Delta R.T.: 0.003 min  
Response: 432608  
Conc: 17.07 ng/ml



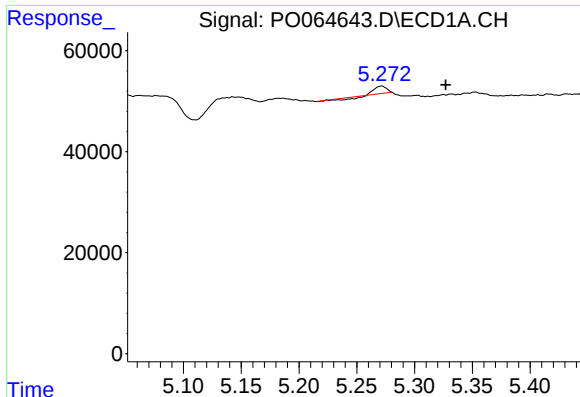
#2 Decachlorobiphenyl

R.T.: 9.701 min  
Delta R.T.: 0.013 min  
Response: 214782  
Conc: 7.00 ng/ml



#2 Decachlorobiphenyl

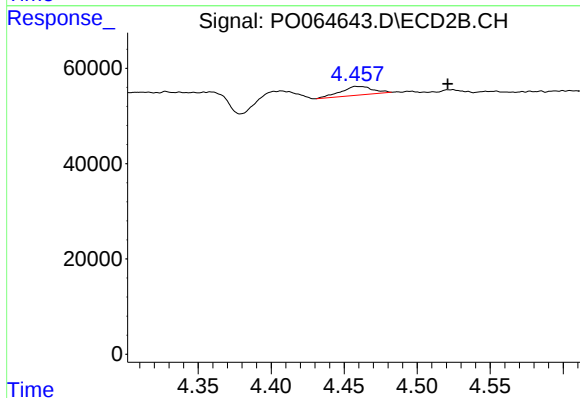
R.T.: 8.385 min  
Delta R.T.: 0.009 min  
Response: 262429  
Conc: 7.56 ng/ml



#3 AR-1016-1

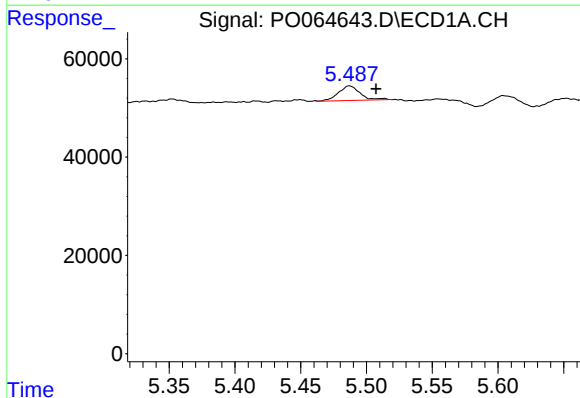
R.T.: 5.271 min  
Delta R.T.: -0.056 min  
Response: 7014  
Conc: 7.03 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
15F



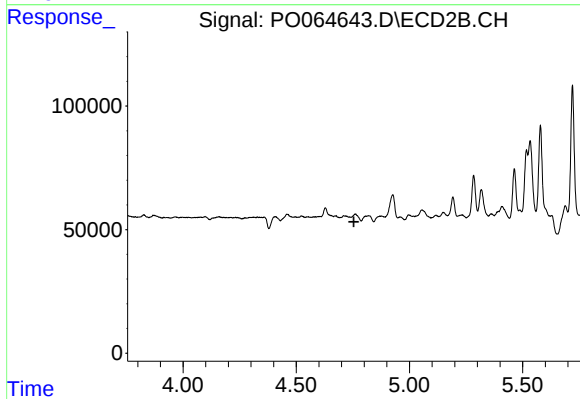
#3 AR-1016-1

R.T.: 4.459 min  
Delta R.T.: -0.062 min  
Response: 27888  
Conc: 25.79 ng/ml



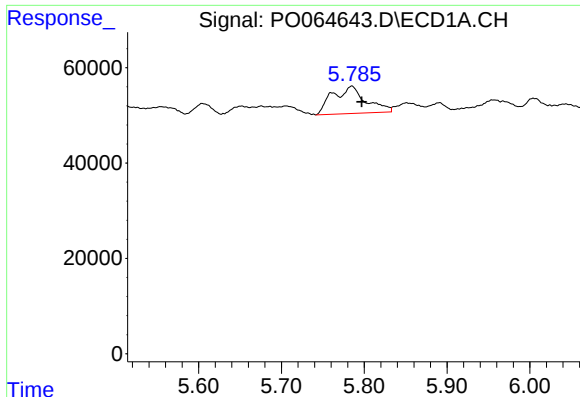
#6 AR-1016-4

R.T.: 5.487 min  
Delta R.T.: -0.020 min  
Response: 34300  
Conc: 47.35 ng/ml



#6 AR-1016-4

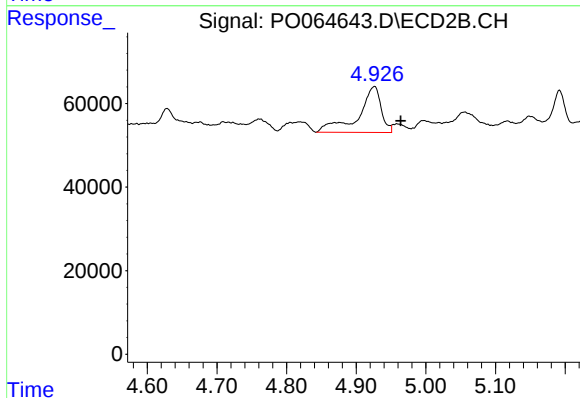
R.T.: 0.000 min  
Exp R.T.: 4.754 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

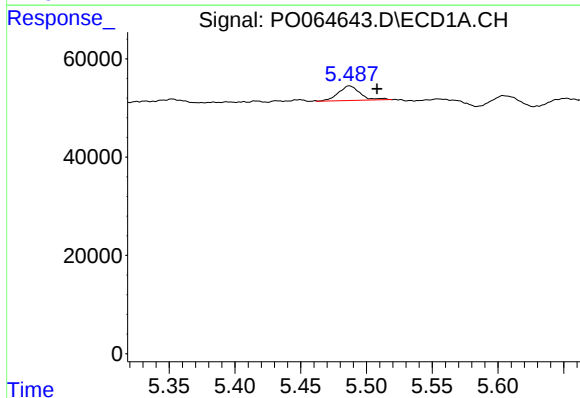
R.T.: 5.785 min  
Delta R.T.: -0.012 min  
Response: 159550  
Conc: 218.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
15F



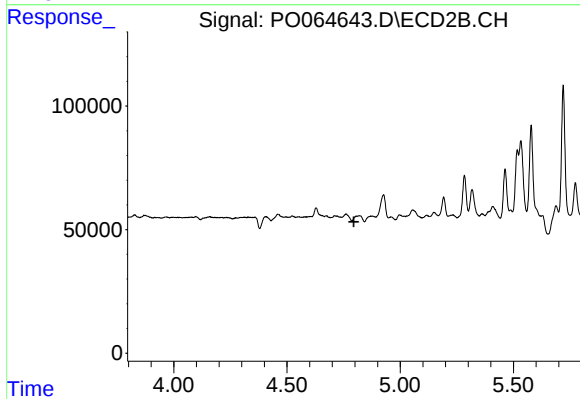
#7 AR-1016-5

R.T.: 4.926 min  
Delta R.T.: -0.038 min  
Response: 251007  
Conc: 287.67 ng/ml



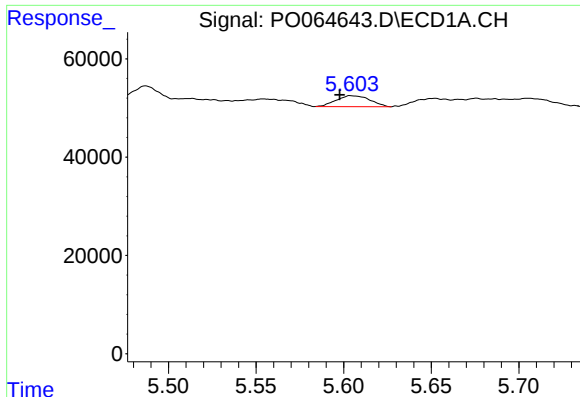
#14 AR-1232-4

R.T.: 5.487 min  
Delta R.T.: -0.021 min  
Response: 34300  
Conc: 61.70 ng/ml



#14 AR-1232-4

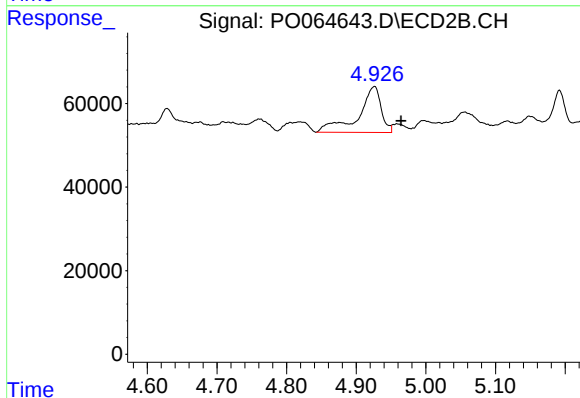
R.T.: 0.000 min  
Exp R.T.: 4.795 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

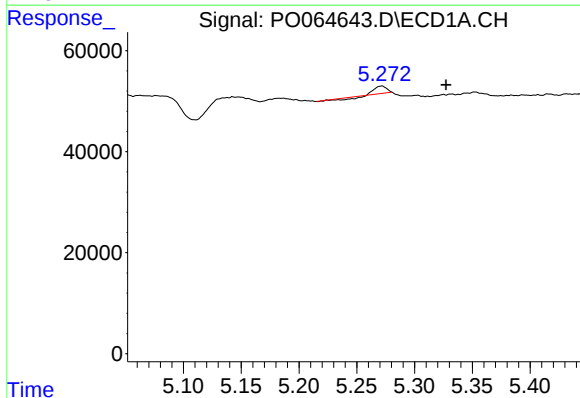
R.T.: 5.604 min  
Delta R.T.: 0.007 min  
Response: 29846  
Conc: 71.92 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
15F



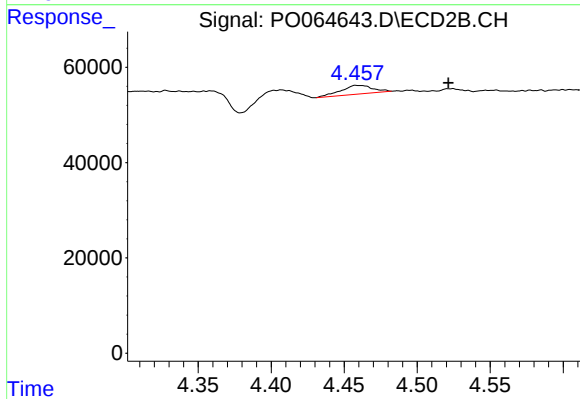
#15 AR-1232-5

R.T.: 4.926 min  
Delta R.T.: -0.038 min  
Response: 251007  
Conc: 395.48 ng/ml



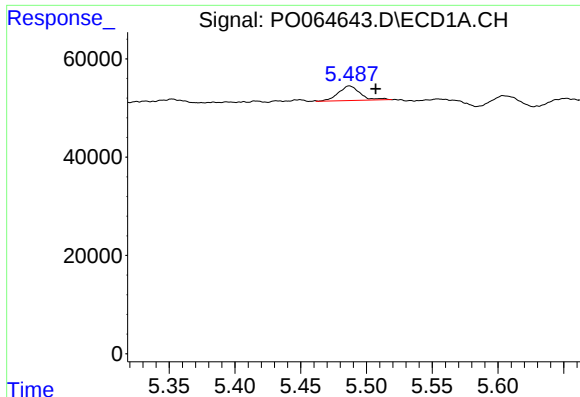
#16 AR-1242-1

R.T.: 5.271 min  
Delta R.T.: -0.056 min  
Response: 7014  
Conc: 8.95 ng/ml



#16 AR-1242-1

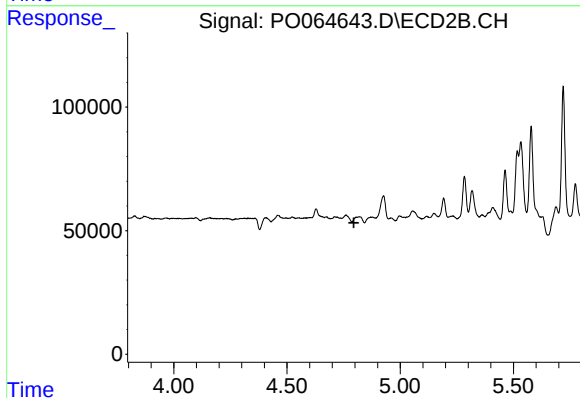
R.T.: 4.459 min  
Delta R.T.: -0.063 min  
Response: 27888  
Conc: 32.10 ng/ml



#19 AR-1242-4

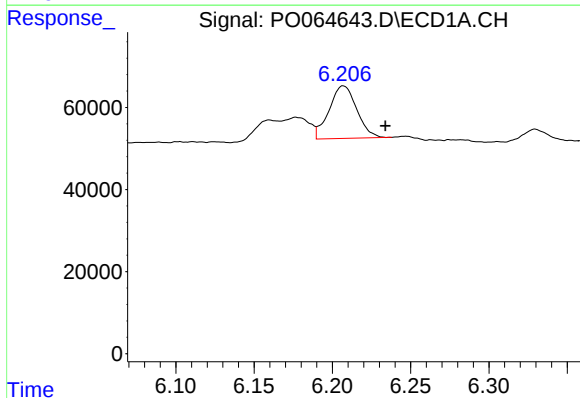
R.T.: 5.487 min  
Delta R.T.: -0.020 min  
Response: 34300  
Conc: 60.84 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
15F



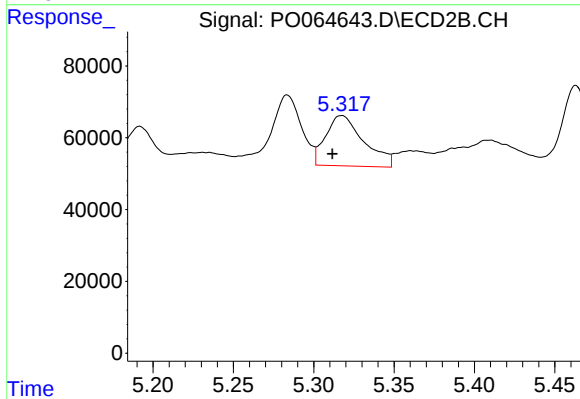
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 4.795 min  
Response: 0  
Conc: N.D.



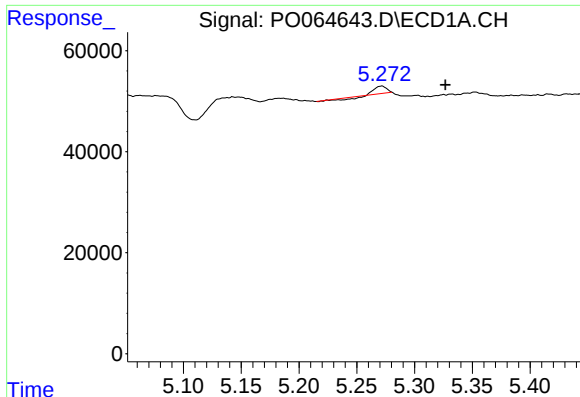
#20 AR-1242-5

R.T.: 6.207 min  
Delta R.T.: -0.027 min  
Response: 157602  
Conc: 226.14 ng/ml



#20 AR-1242-5

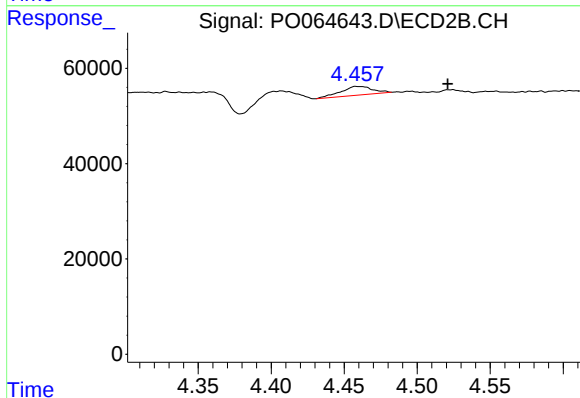
R.T.: 5.317 min  
Delta R.T.: 0.006 min  
Response: 231918  
Conc: 260.89 ng/ml



#21 AR-1248-1

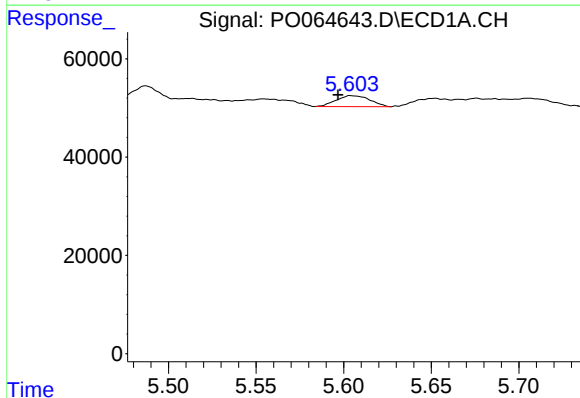
R.T.: 5.271 min  
Delta R.T.: -0.055 min  
Response: 7014  
Conc: 10.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
15F



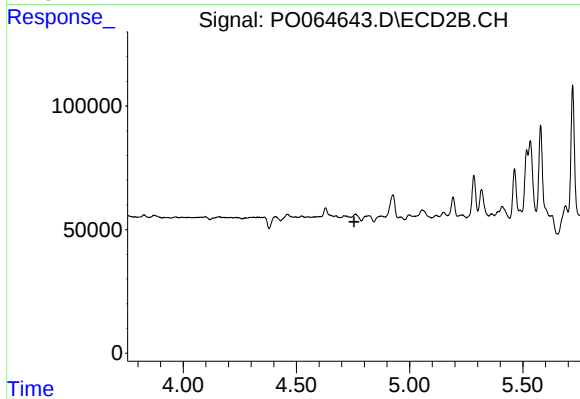
#21 AR-1248-1

R.T.: 4.459 min  
Delta R.T.: -0.062 min  
Response: 27888  
Conc: 38.96 ng/ml



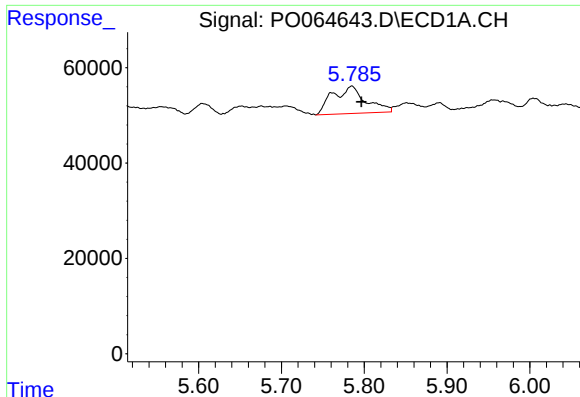
#22 AR-1248-2

R.T.: 5.604 min  
Delta R.T.: 0.008 min  
Response: 29846  
Conc: 32.30 ng/ml



#22 AR-1248-2

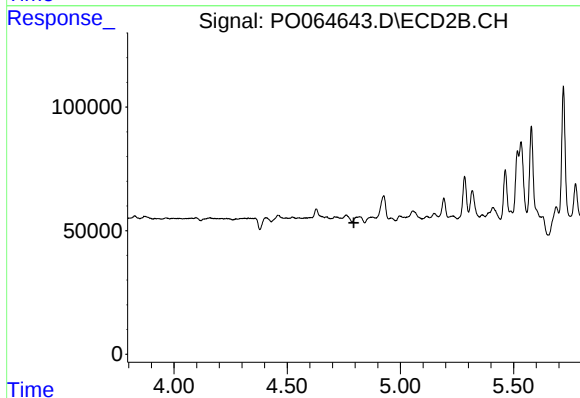
R.T.: 0.000 min  
Exp R.T.: 4.754 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

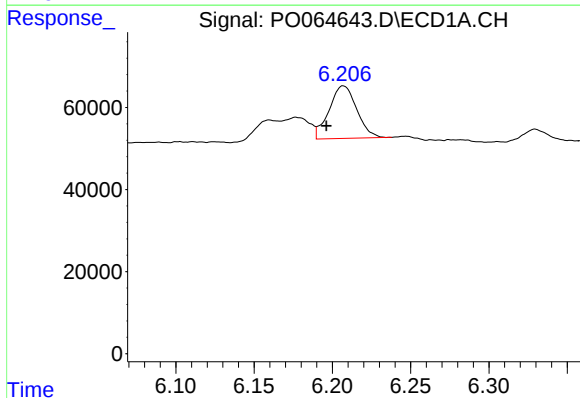
R.T.: 5.785 min  
Delta R.T.: -0.012 min  
Response: 159550  
Conc: 150.18 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
15F



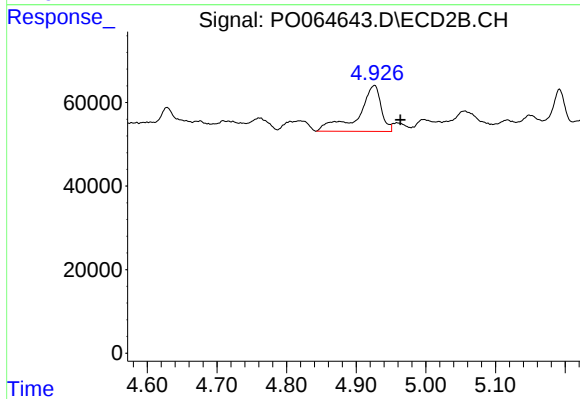
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 4.795 min  
Response: 0  
Conc: N.D.



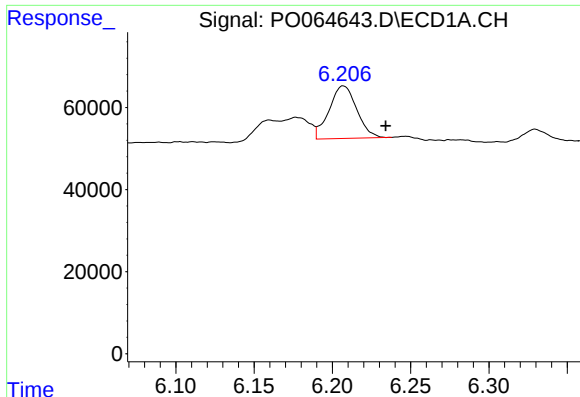
#24 AR-1248-4

R.T.: 6.207 min  
Delta R.T.: 0.011 min  
Response: 157602  
Conc: 120.85 ng/ml



#24 AR-1248-4

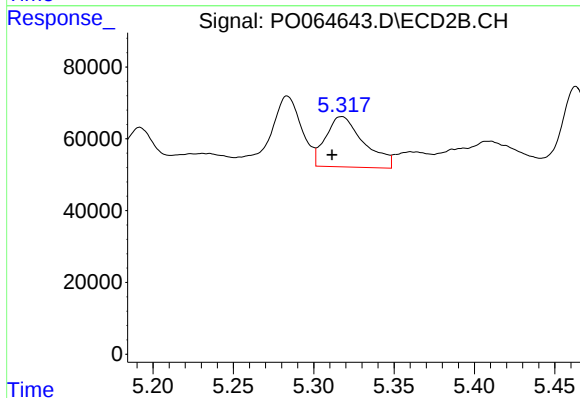
R.T.: 4.926 min  
Delta R.T.: -0.037 min  
Response: 251007  
Conc: 195.03 ng/ml



#25 AR-1248-5

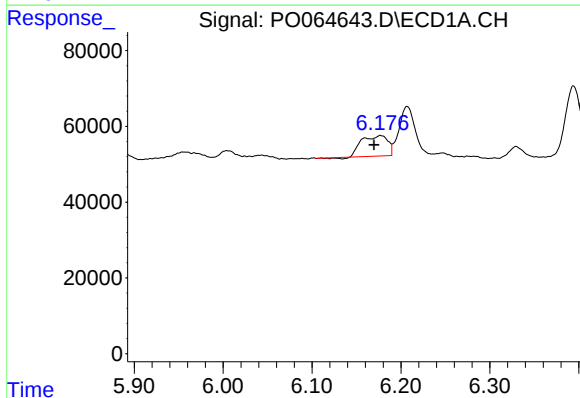
R.T.: 6.207 min  
Delta R.T.: -0.027 min  
Response: 157602  
Conc: 126.66 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
15F



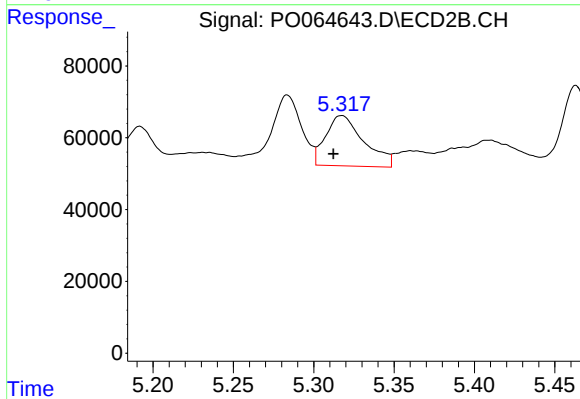
#25 AR-1248-5

R.T.: 5.317 min  
Delta R.T.: 0.006 min  
Response: 231918  
Conc: 122.00 ng/ml



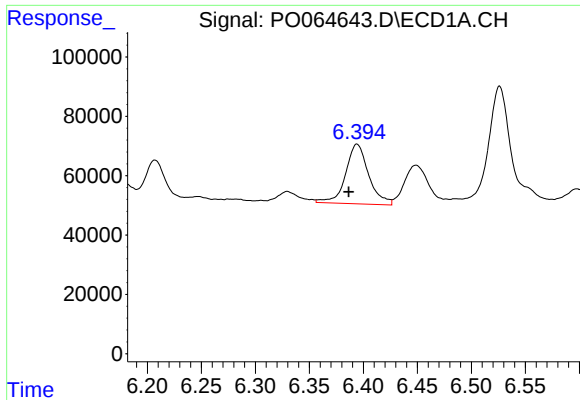
#26 AR-1254-1

R.T.: 6.177 min  
Delta R.T.: 0.007 min  
Response: 108247  
Conc: 85.00 ng/ml



#26 AR-1254-1

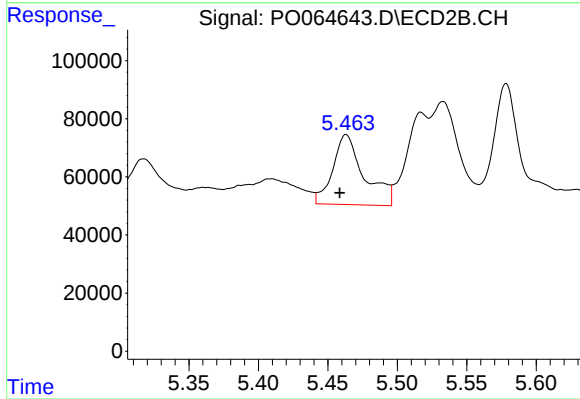
R.T.: 5.317 min  
Delta R.T.: 0.005 min  
Response: 231918  
Conc: 114.20 ng/ml



#27 AR-1254-2

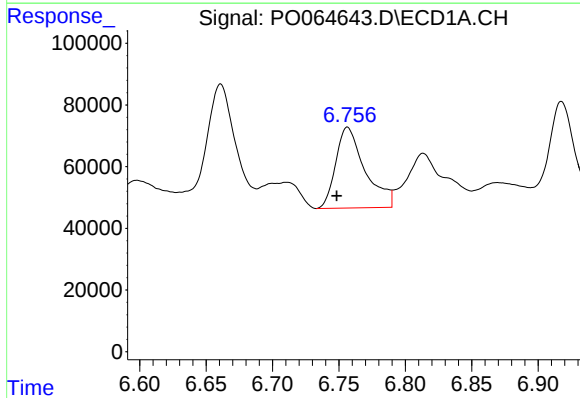
R.T.: 6.394 min  
Delta R.T.: 0.008 min  
Response: 298137  
Conc: 143.33 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
15F



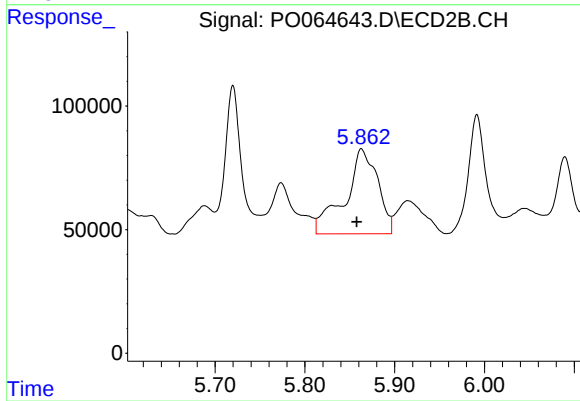
#27 AR-1254-2

R.T.: 5.463 min  
Delta R.T.: 0.005 min  
Response: 377962  
Conc: 207.29 ng/ml



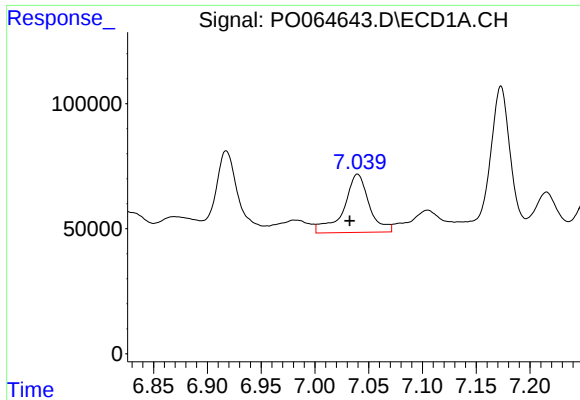
#28 AR-1254-3

R.T.: 6.757 min  
Delta R.T.: 0.008 min  
Response: 402049  
Conc: 168.38 ng/ml



#28 AR-1254-3

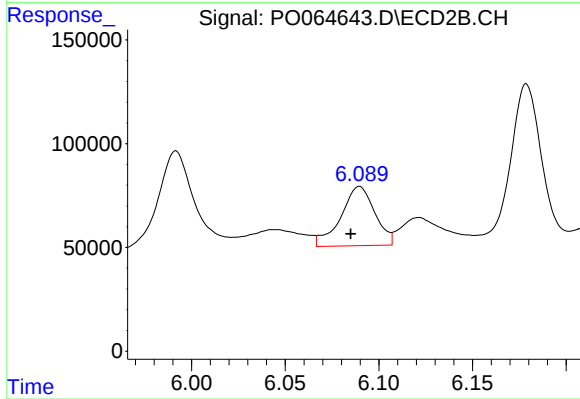
R.T.: 5.863 min  
Delta R.T.: 0.005 min  
Response: 869020  
Conc: 279.75 ng/ml



#29 AR-1254-4

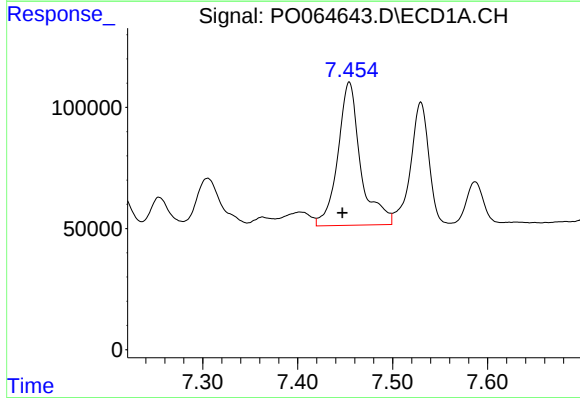
R.T.: 7.040 min  
Delta R.T.: 0.007 min  
Response: 384591  
Conc: 205.67 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
15F



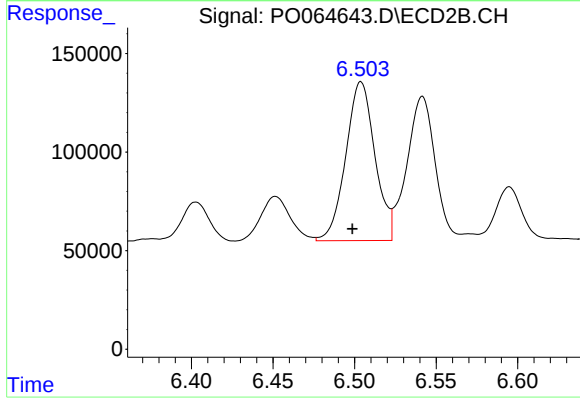
#29 AR-1254-4

R.T.: 6.090 min  
Delta R.T.: 0.005 min  
Response: 361037  
Conc: 175.77 ng/ml



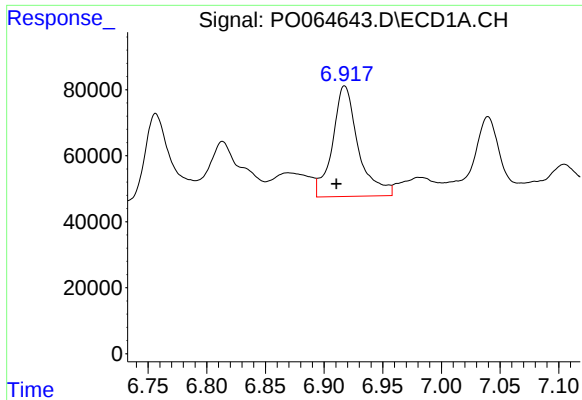
#30 AR-1254-5

R.T.: 7.454 min  
Delta R.T.: 0.007 min  
Response: 985894  
Conc: 468.58 ng/ml



#30 AR-1254-5

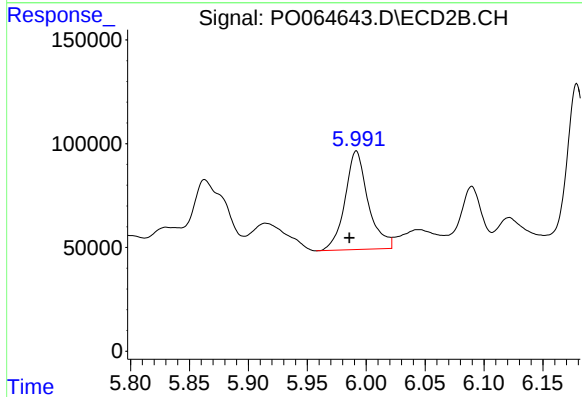
R.T.: 6.504 min  
Delta R.T.: 0.005 min  
Response: 1002626  
Conc: 335.90 ng/ml



#31 AR-1260-1

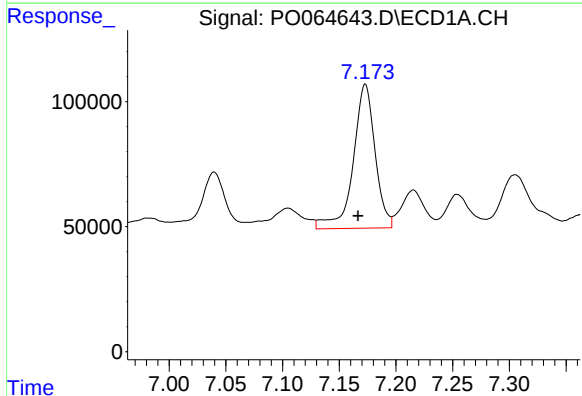
R.T.: 6.918 min  
Delta R.T.: 0.007 min  
Response: 512060  
Conc: 333.31 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
15F



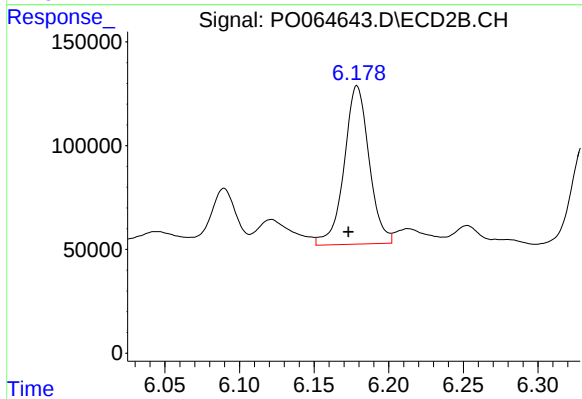
#31 AR-1260-1

R.T.: 5.992 min  
Delta R.T.: 0.006 min  
Response: 650904  
Conc: 352.51 ng/ml



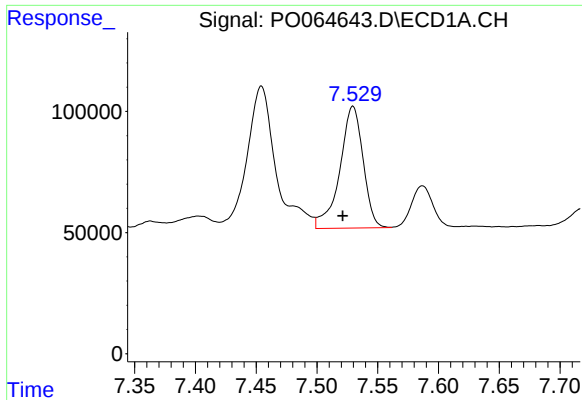
#32 AR-1260-2

R.T.: 7.173 min  
Delta R.T.: 0.006 min  
Response: 772960  
Conc: 391.57 ng/ml



#32 AR-1260-2

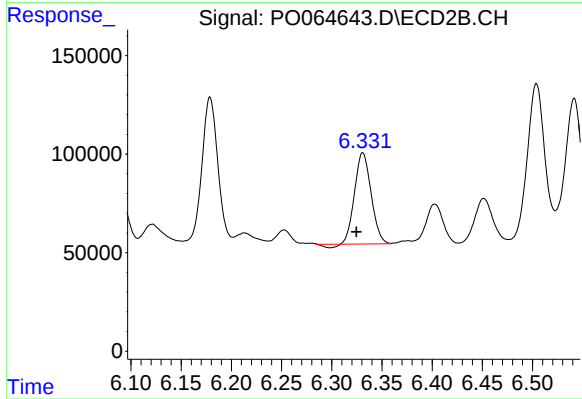
R.T.: 6.179 min  
Delta R.T.: 0.006 min  
Response: 889075  
Conc: 382.13 ng/ml



#33 AR-1260-3

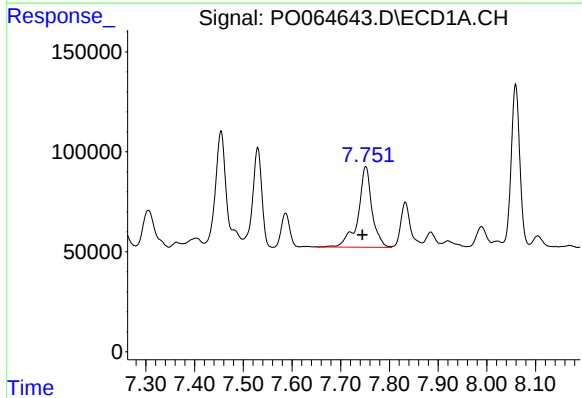
R.T.: 7.530 min  
Delta R.T.: 0.008 min  
Response: 670246  
Conc: 446.05 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
15F



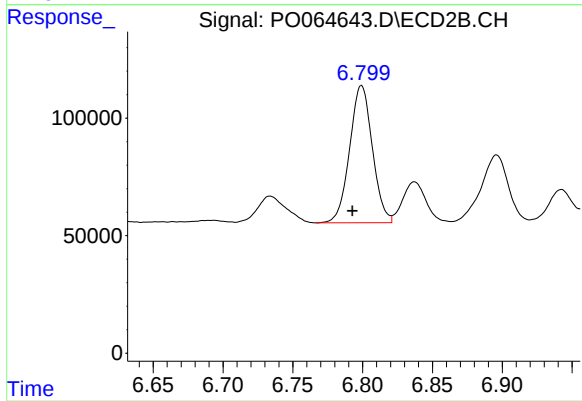
#33 AR-1260-3

R.T.: 6.331 min  
Delta R.T.: 0.006 min  
Response: 522048  
Conc: 246.56 ng/ml



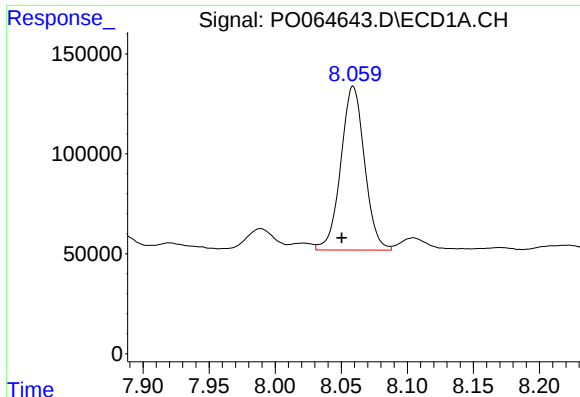
#34 AR-1260-4

R.T.: 7.751 min  
Delta R.T.: 0.007 min  
Response: 800124  
Conc: 433.15 ng/ml



#34 AR-1260-4

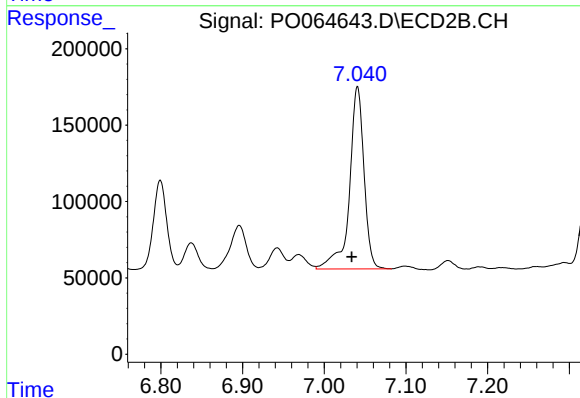
R.T.: 6.799 min  
Delta R.T.: 0.007 min  
Response: 661493  
Conc: 351.13 ng/ml



#35 AR-1260-5

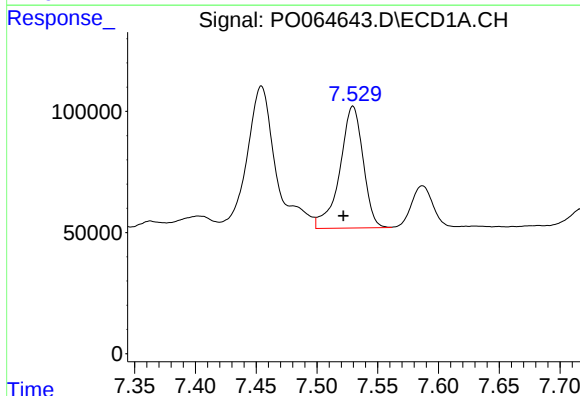
R.T.: 8.059 min  
Delta R.T.: 0.009 min  
Response: 1023481  
Conc: 274.27 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
15F



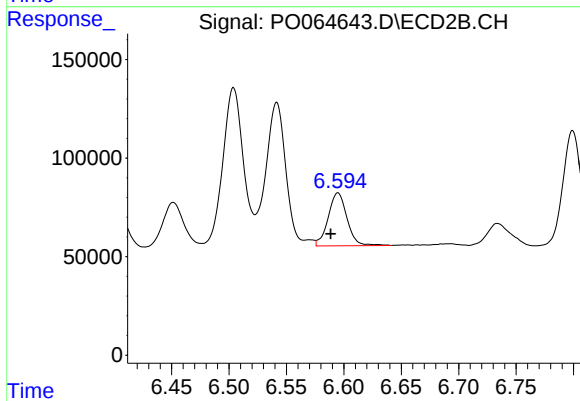
#35 AR-1260-5

R.T.: 7.041 min  
Delta R.T.: 0.007 min  
Response: 1480649  
Conc: 315.70 ng/ml



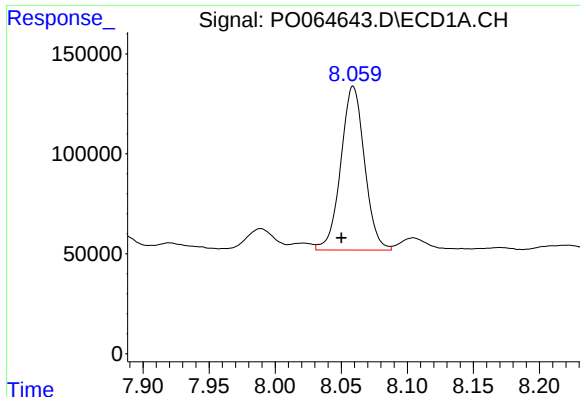
#36 AR-1262-1

R.T.: 7.530 min  
Delta R.T.: 0.008 min  
Response: 670246  
Conc: 291.48 ng/ml



#36 AR-1262-1

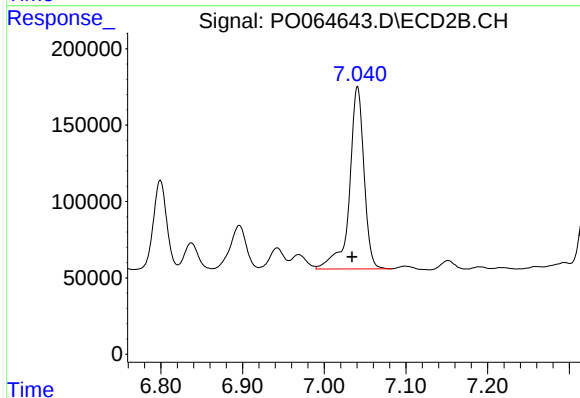
R.T.: 6.595 min  
Delta R.T.: 0.006 min  
Response: 307485  
Conc: 268.02 ng/ml



#37 AR-1262-2

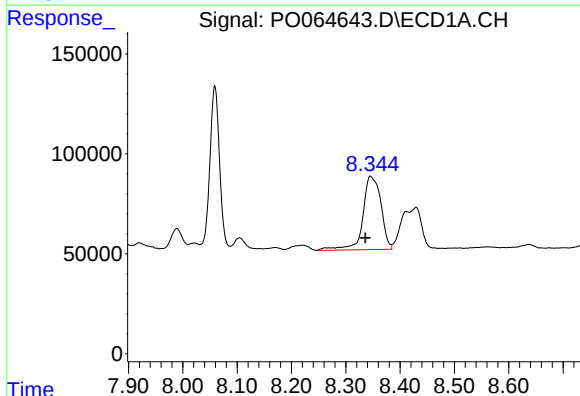
R.T.: 8.059 min  
Delta R.T.: 0.009 min  
Response: 1023481  
Conc: 235.79 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
15F



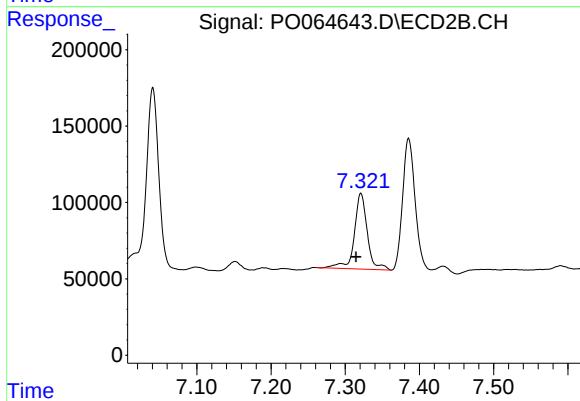
#37 AR-1262-2

R.T.: 7.041 min  
Delta R.T.: 0.007 min  
Response: 1480649  
Conc: 270.97 ng/ml



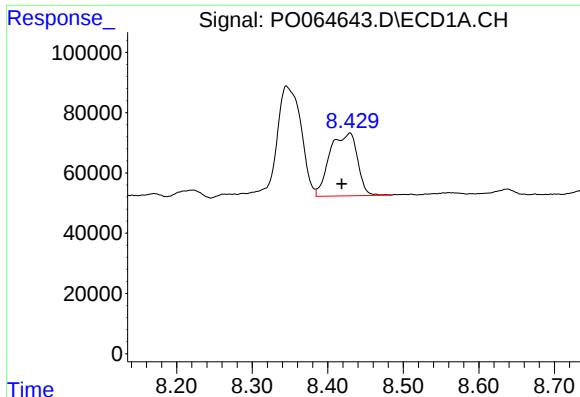
#38 AR-1262-3

R.T.: 8.346 min  
Delta R.T.: 0.010 min  
Response: 850907  
Conc: 292.41 ng/ml



#38 AR-1262-3

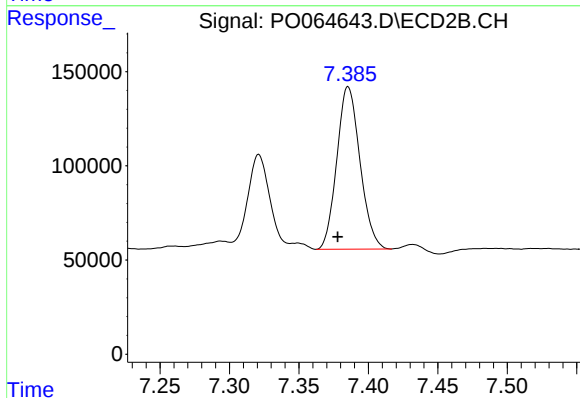
R.T.: 7.321 min  
Delta R.T.: 0.007 min  
Response: 603105  
Conc: 289.56 ng/ml



#39 AR-1262-4

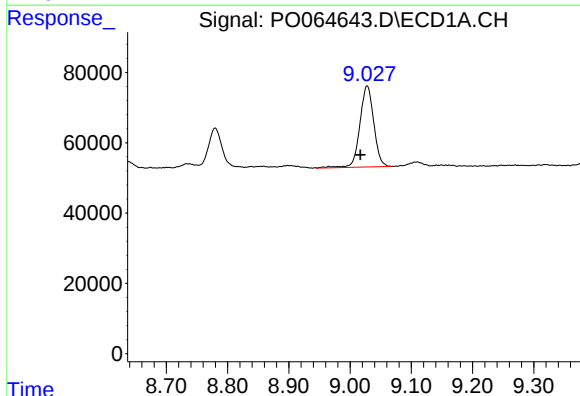
R.T.: 8.429 min  
Delta R.T.: 0.010 min  
Response: 528864  
Conc: 244.35 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
15F



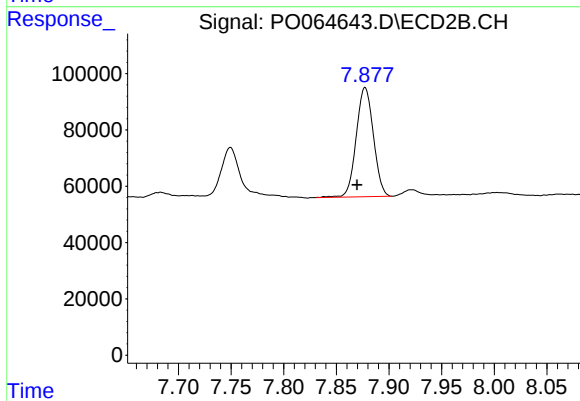
#39 AR-1262-4

R.T.: 7.385 min  
Delta R.T.: 0.008 min  
Response: 1001175  
Conc: 251.48 ng/ml



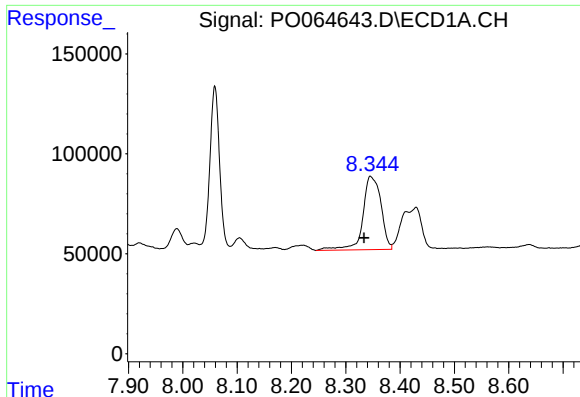
#40 AR-1262-5

R.T.: 9.028 min  
Delta R.T.: 0.011 min  
Response: 363306  
Conc: 247.68 ng/ml



#40 AR-1262-5

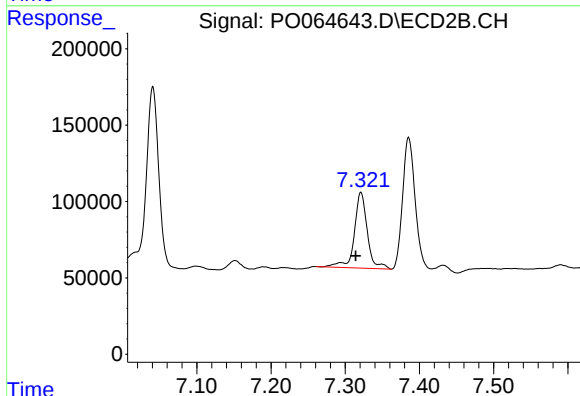
R.T.: 7.877 min  
Delta R.T.: 0.008 min  
Response: 439634  
Conc: 252.14 ng/ml



#41 AR-1268-1

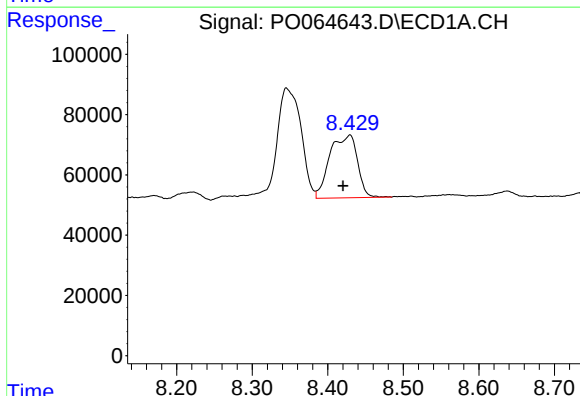
R.T.: 8.346 min  
Delta R.T.: 0.013 min  
Response: 850907  
Conc: 164.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
15F



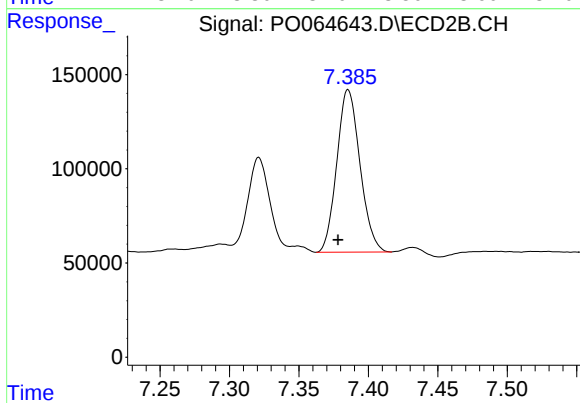
#41 AR-1268-1

R.T.: 7.321 min  
Delta R.T.: 0.007 min  
Response: 603105  
Conc: 94.32 ng/ml



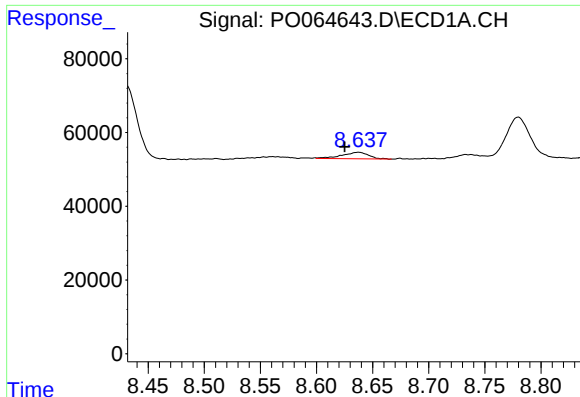
#42 AR-1268-2

R.T.: 8.429 min  
Delta R.T.: 0.009 min  
Response: 528864  
Conc: 112.47 ng/ml



#42 AR-1268-2

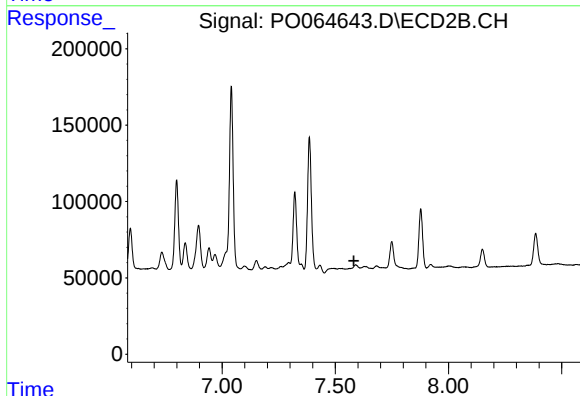
R.T.: 7.385 min  
Delta R.T.: 0.007 min  
Response: 1001175  
Conc: 171.77 ng/ml



#43 AR-1268-3

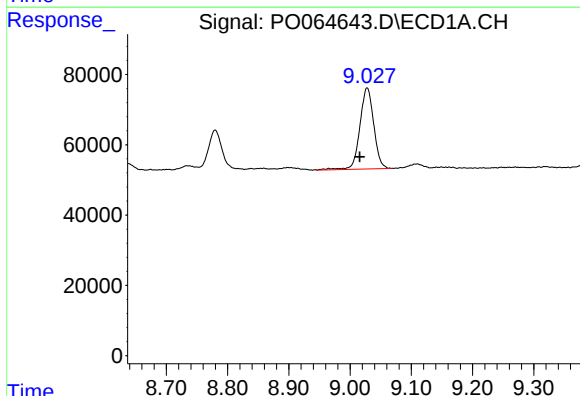
R.T.: 8.637 min  
Delta R.T.: 0.012 min  
Response: 28931  
Conc: 7.50 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
15F



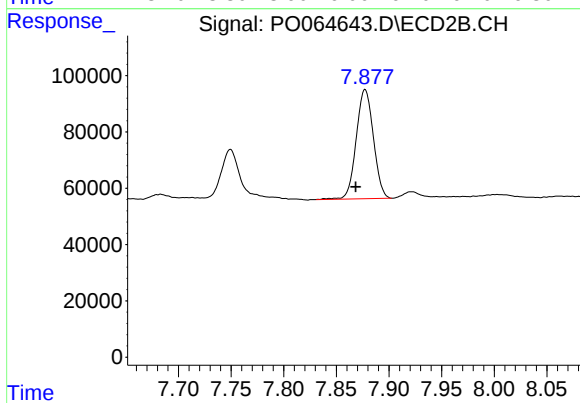
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T. : 7.582 min  
Response: 0  
Conc: N.D.



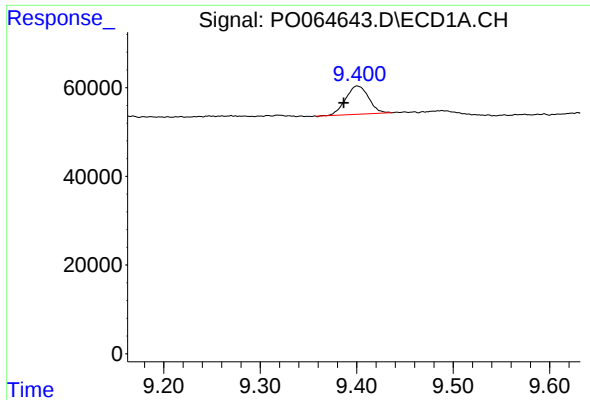
#44 AR-1268-4

R.T.: 9.028 min  
Delta R.T.: 0.012 min  
Response: 363306  
Conc: 216.10 ng/ml



#44 AR-1268-4

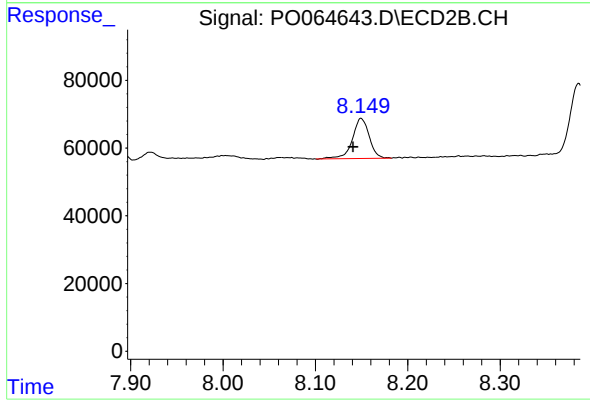
R.T.: 7.877 min  
Delta R.T.: 0.009 min  
Response: 439634  
Conc: 218.41 ng/ml



#45 AR-1268-5

R.T.: 9.401 min  
Delta R.T.: 0.015 min  
Response: 105898  
Conc: 8.92 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
15F



#45 AR-1268-5

R.T.: 8.149 min  
Delta R.T.: 0.009 min  
Response: 150657  
Conc: 10.41 ng/ml