

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0081621\  
 Data File : P0080451.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 16 Aug 2021 9:30  
 Operator : DD\AJ  
 Sample : AR1248CCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1248CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 17 01:43:35 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0081021.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Aug 11 05:48:32 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... | 4.993  | 4.108 | 3754661 | 1231948 | 54.222   | 49.429     |
| 2)                          | SA Decachlor... | 11.095 | 9.508 | 2450920 | 970860  | 47.349   | 42.804     |
| Target Compounds            |                 |        |       |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 6.324  | 5.382 | 760759  | 291594  | 296.951  | 283.410    |
| 4)                          | L1 AR-1016-2    | 6.348  | 5.403 | 870239  | 280021  | 245.893  | 200.635    |
| 5)                          | L1 AR-1016-3    | 6.414  | 5.599 | 420076  | 191165  | 194.785  | 256.847 #  |
| 6)                          | L1 AR-1016-4    | 6.520  | 5.649 | 482304  | 402175  | 272.072  | 652.233 #  |
| 7)                          | L1 AR-1016-5    | 6.838  | 5.882 | 1164653 | 482223  | 676.735  | 646.905    |
| 9)                          | L2 AR-1221-2    | 5.349  | 4.467 | 52348   | 18359   | 95.630   | 78.922     |
| 10)                         | L2 AR-1221-3    | 5.433  | 4.561 | 62328   | 24082   | 37.799   | 34.582     |
| 11)                         | L3 AR-1232-1    | 5.433  | 4.561 | 62328   | 24082   | 39.687   | 37.848     |
| 12)                         | L3 AR-1232-2    | 6.026  | 5.403 | 319423  | 280021  | 379.715  | 445.235    |
| 13)                         | L3 AR-1232-3    | 6.348  | 5.599 | 870239  | 191165  | 535.360  | 610.823    |
| 14)                         | L3 AR-1232-4    | 6.520  | 5.694 | 482304  | 414521  | 648.847  | 1440.380 # |
| 15)                         | L3 AR-1232-5    | 6.620  | 5.882 | 994001  | 482223  | 1905.289 | 1588.199   |
| 16)                         | L4 AR-1242-1    | 6.324  | 5.382 | 760759  | 291594  | 389.996  | 365.364    |
| 17)                         | L4 AR-1242-2    | 6.348  | 5.403 | 870239  | 280021  | 322.757  | 257.788    |
| 18)                         | L4 AR-1242-3    | 6.414  | 5.599 | 420076  | 191165  | 251.808  | 333.672 #  |
| 19)                         | L4 AR-1242-4    | 6.520  | 5.694 | 482304  | 414521  | 358.634  | 746.291 #  |
| 20)                         | L4 AR-1242-5    | 7.309  | 6.267 | 1234459 | 680526  | 842.948  | 976.619    |
| 21)                         | L5 AR-1248-1    | 6.324  | 5.382 | 760759  | 291594  | 502.703  | 463.747    |
| 22)                         | L5 AR-1248-2    | 6.620  | 5.649 | 994001  | 402175  | 490.035  | 463.863    |
| 23)                         | L5 AR-1248-3    | 6.838  | 5.694 | 1164653 | 414521  | 492.116  | 464.072    |
| 24)                         | L5 AR-1248-4    | 7.269  | 5.882 | 1272794 | 482223  | 468.033  | 471.946    |
| 25)                         | L5 AR-1248-5    | 7.309  | 6.311 | 1234459 | 484314  | 468.114  | 467.164    |
| 26)                         | L6 AR-1254-1    | 7.238  | 6.267 | 987903  | 680526  | 381.090  | 463.867    |
| 27)                         | L6 AR-1254-2    | 7.473  | 6.428 | 1260301 | 197824  | 321.172  | 153.137 #  |
| 28)                         | L6 AR-1254-3    | 7.852  | 6.855 | 737683  | 301134  | 180.740  | 149.348    |
| 29)                         | L6 AR-1254-4    | 8.149  | 7.097 | 536610  | 222818  | 179.737  | 171.214    |
| 30)                         | L6 AR-1254-5    | 8.578  | 7.532 | 111958  | 60796   | 36.185   | 34.653     |
| 31)                         | L7 AR-1260-1    | 8.019  | 7.005 | 128566  | 156128  | 44.992   | 116.489 #  |
| 32)                         | L7 AR-1260-2    | 8.281  | 7.191 | 157129  | 31078   | 47.282   | 18.699 #   |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.348 | 0       | 35762   | N.D.     | 23.393 #   |
| 34)                         | L7 AR-1260-4    | 8.876  | 0.000 | 60803   | 0       | 21.019   | N.D. #     |
| 35)                         | L7 AR-1260-5    | 9.219  | 0.000 | 48498   | 0       | 8.514    | N.D. #     |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.532 | 0       | 60796   | N.D.     | 60.568 #   |
| 37)                         | L8 AR-1262-2    | 9.219  | 0.000 | 48498   | 0       | 7.169    | N.D. #     |
| 38)                         | L8 AR-1262-3    | 9.559f | 0.000 | 21593   | 0       | 7.215    | N.D. #     |
| 41)                         | L9 AR-1268-1    | 9.559f | 0.000 | 21593   | 0       | 2.704    | N.D. #     |
| 45)                         | L9 AR-1268-5    | 10.751 | 0.000 | 20585   | 0       | 1.024    | N.D. #     |
| -----                       |                 |        |       |         |         |          |            |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0081621\  
Data File : P0080451.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 16 Aug 2021 9:30  
Operator : DD\AJ  
Sample : AR1248CCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

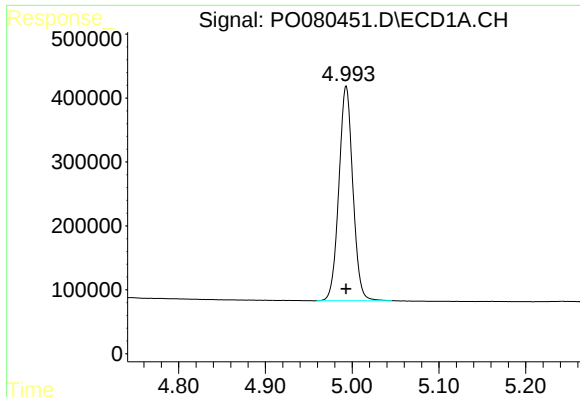
Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 17 01:43:35 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0081021.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Aug 11 05:48:32 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 |
|-----------------------------------------------------------------------|------|------|--------|--------|-------|-------|
| -----                                                                 |      |      |        |        |       |       |
| (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int. |      |      |        |        |       |       |

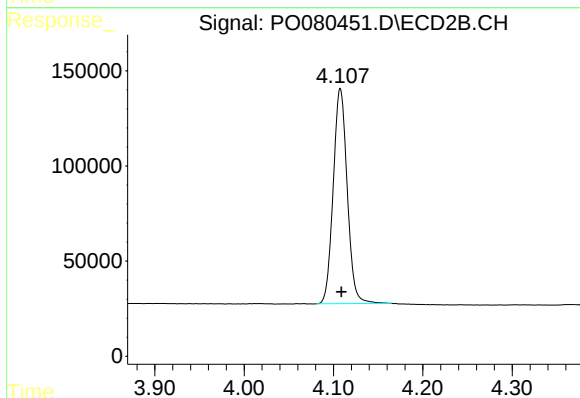




#1 Tetrachloro-m-xylene

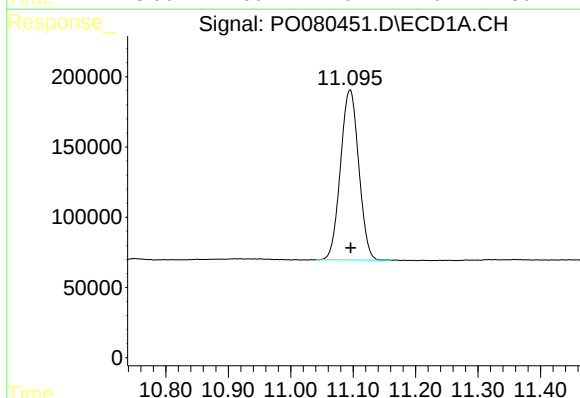
R.T.: 4.993 min  
Delta R.T.: 0.000 min  
Response: 3754661  
Conc: 54.22 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



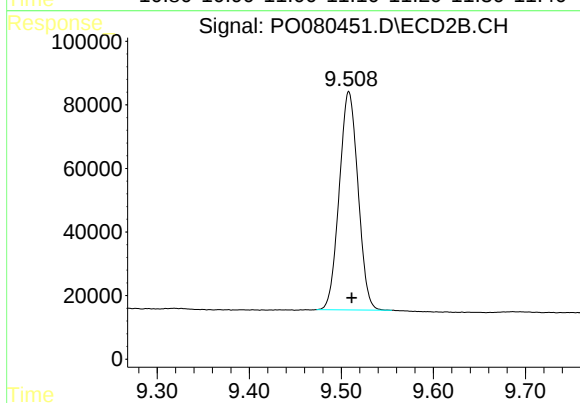
#1 Tetrachloro-m-xylene

R.T.: 4.108 min  
Delta R.T.: -0.001 min  
Response: 1231948  
Conc: 49.43 ng/ml



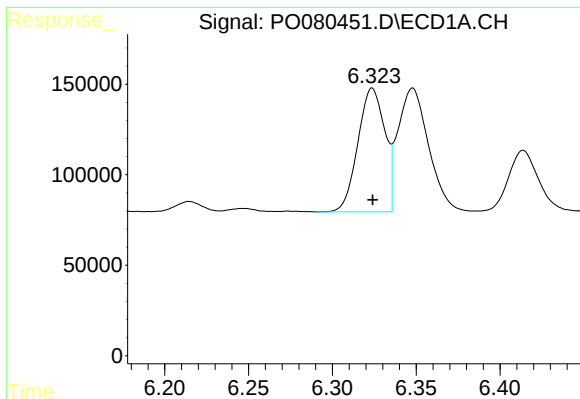
#2 Decachlorobiphenyl

R.T.: 11.095 min  
Delta R.T.: -0.001 min  
Response: 2450920  
Conc: 47.35 ng/ml



#2 Decachlorobiphenyl

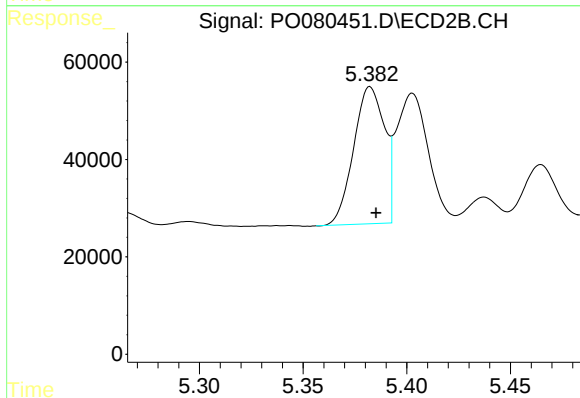
R.T.: 9.508 min  
Delta R.T.: -0.003 min  
Response: 970860  
Conc: 42.80 ng/ml



#3 AR-1016-1

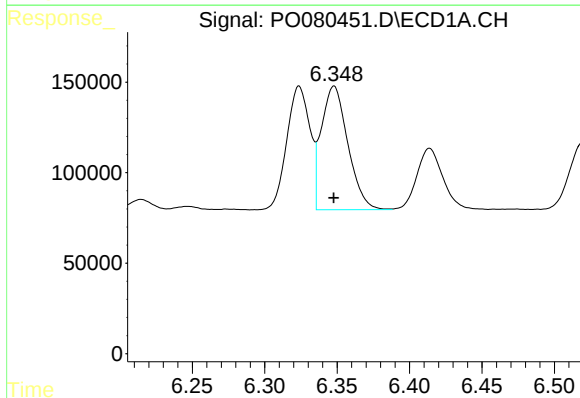
R.T.: 6.324 min  
Delta R.T.: 0.000 min  
Response: 760759  
Conc: 296.95 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



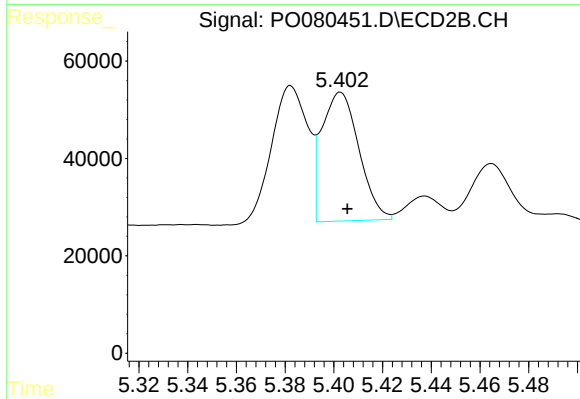
#3 AR-1016-1

R.T.: 5.382 min  
Delta R.T.: -0.003 min  
Response: 291594  
Conc: 283.41 ng/ml



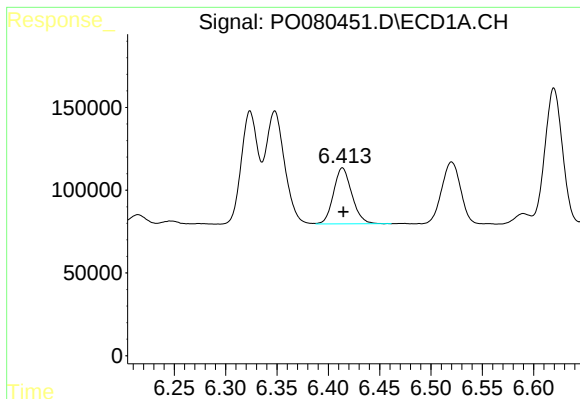
#4 AR-1016-2

R.T.: 6.348 min  
Delta R.T.: 0.000 min  
Response: 870239  
Conc: 245.89 ng/ml



#4 AR-1016-2

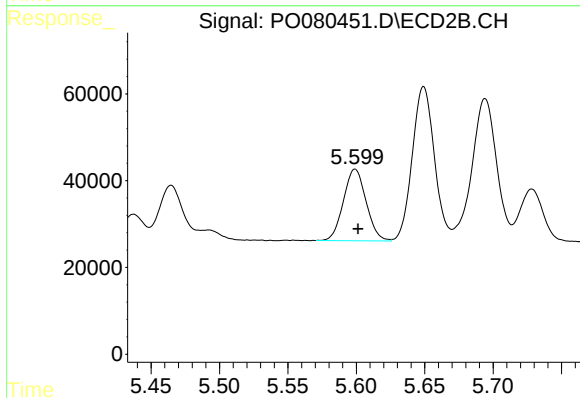
R.T.: 5.403 min  
Delta R.T.: -0.003 min  
Response: 280021  
Conc: 200.63 ng/ml



#5 AR-1016-3

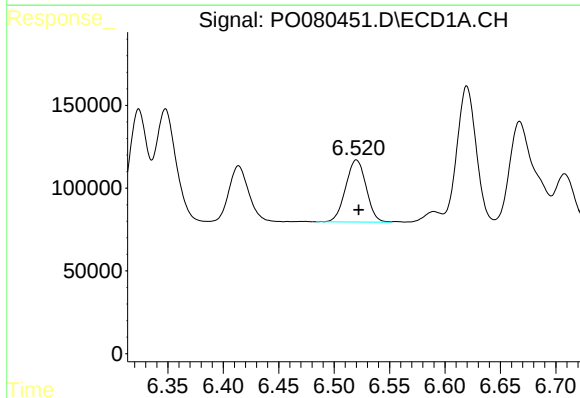
R.T.: 6.414 min  
Delta R.T.: 0.000 min  
Response: 420076  
Conc: 194.78 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



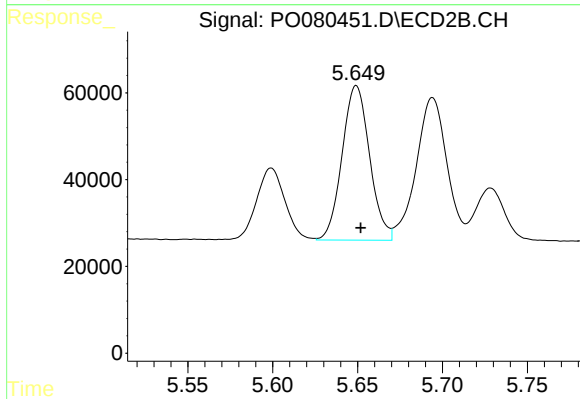
#5 AR-1016-3

R.T.: 5.599 min  
Delta R.T.: -0.002 min  
Response: 191165  
Conc: 256.85 ng/ml



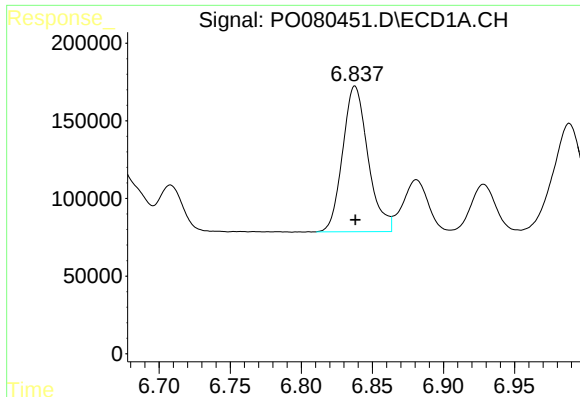
#6 AR-1016-4

R.T.: 6.520 min  
Delta R.T.: -0.002 min  
Response: 482304  
Conc: 272.07 ng/ml



#6 AR-1016-4

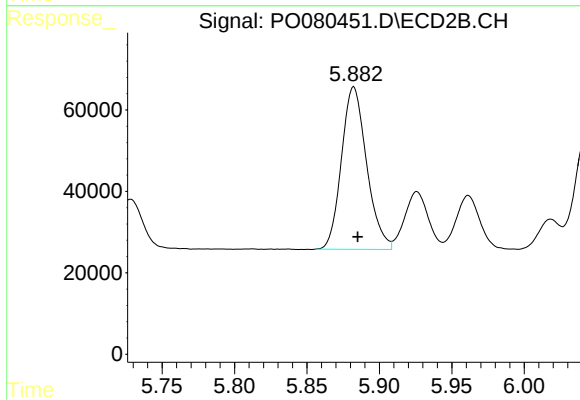
R.T.: 5.649 min  
Delta R.T.: -0.002 min  
Response: 402175  
Conc: 652.23 ng/ml



#7 AR-1016-5

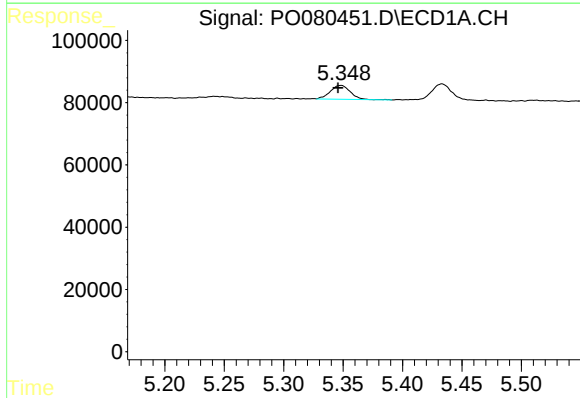
R.T.: 6.838 min  
Delta R.T.: 0.000 min  
Response: 1164653  
Conc: 676.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



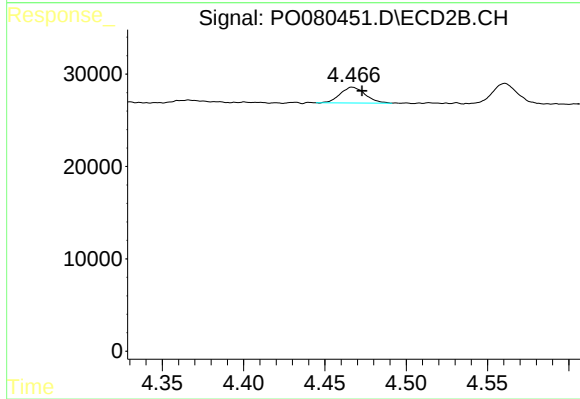
#7 AR-1016-5

R.T.: 5.882 min  
Delta R.T.: -0.003 min  
Response: 482223  
Conc: 646.90 ng/ml



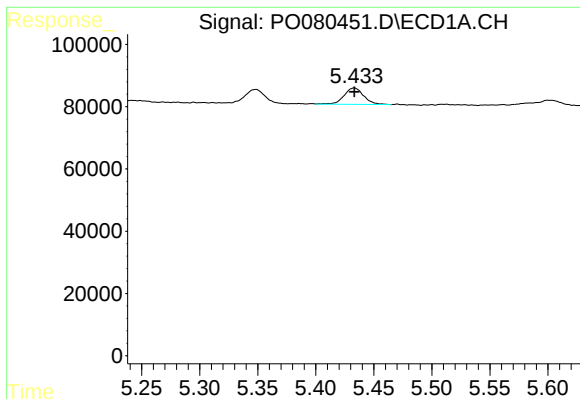
#9 AR-1221-2

R.T.: 5.349 min  
Delta R.T.: 0.003 min  
Response: 52348  
Conc: 95.63 ng/ml



#9 AR-1221-2

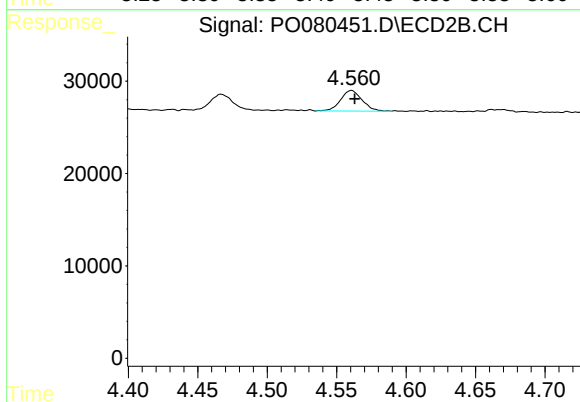
R.T.: 4.467 min  
Delta R.T.: -0.006 min  
Response: 18359  
Conc: 78.92 ng/ml



#10 AR-1221-3

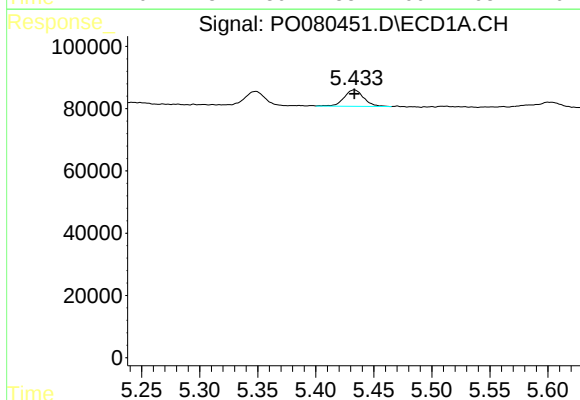
R.T.: 5.433 min  
Delta R.T.: 0.000 min  
Response: 62328  
Conc: 37.80 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



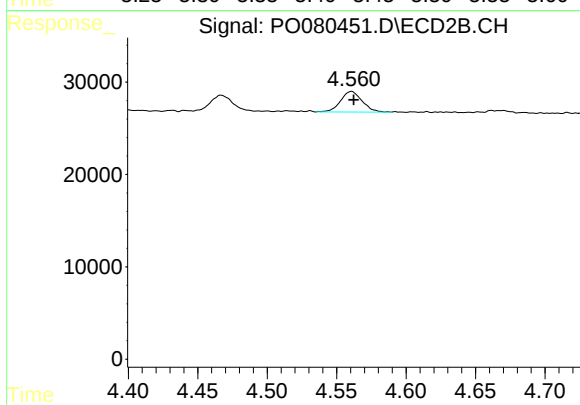
#10 AR-1221-3

R.T.: 4.561 min  
Delta R.T.: -0.002 min  
Response: 24082  
Conc: 34.58 ng/ml



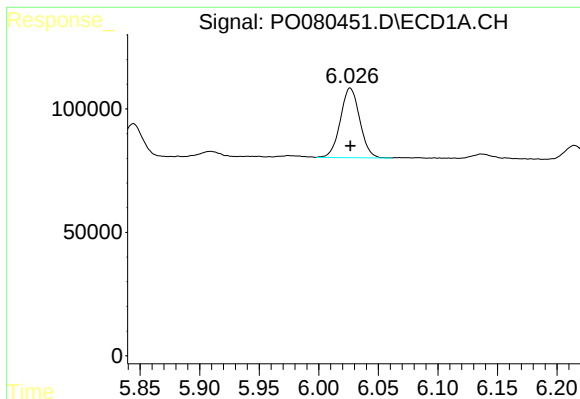
#11 AR-1232-1

R.T.: 5.433 min  
Delta R.T.: 0.000 min  
Response: 62328  
Conc: 39.69 ng/ml



#11 AR-1232-1

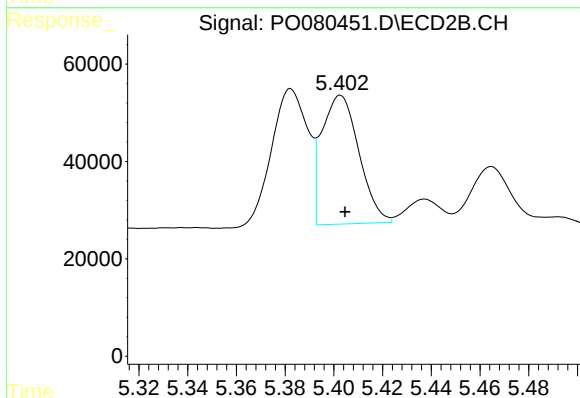
R.T.: 4.561 min  
Delta R.T.: -0.001 min  
Response: 24082  
Conc: 37.85 ng/ml



#12 AR-1232-2

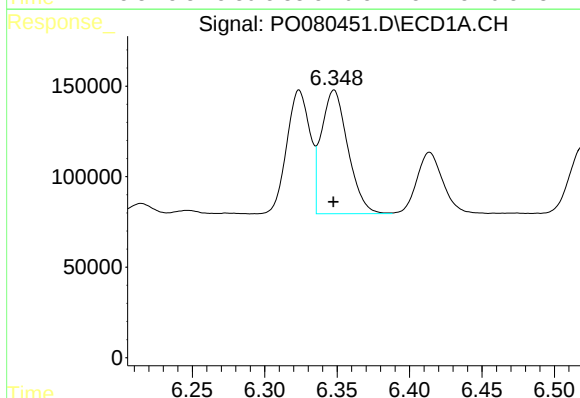
R.T.: 6.026 min  
Delta R.T.: 0.000 min  
Response: 319423  
Conc: 379.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



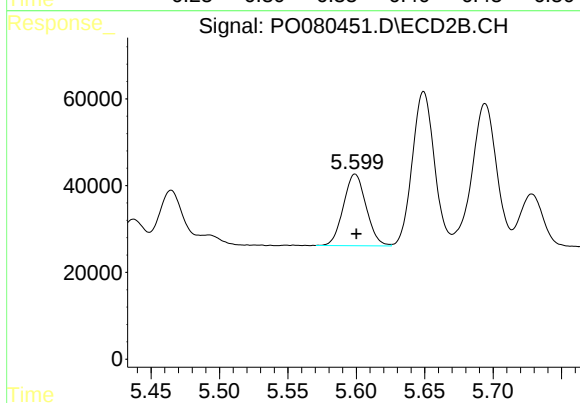
#12 AR-1232-2

R.T.: 5.403 min  
Delta R.T.: -0.002 min  
Response: 280021  
Conc: 445.23 ng/ml



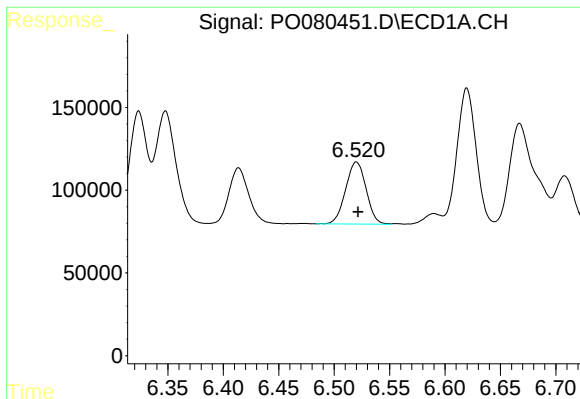
#13 AR-1232-3

R.T.: 6.348 min  
Delta R.T.: 0.000 min  
Response: 870239  
Conc: 535.36 ng/ml



#13 AR-1232-3

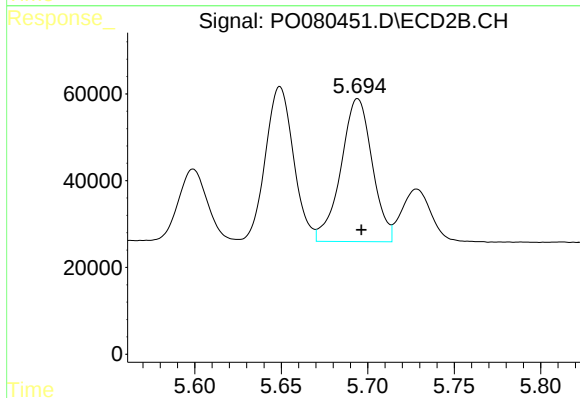
R.T.: 5.599 min  
Delta R.T.: 0.000 min  
Response: 191165  
Conc: 610.82 ng/ml



#14 AR-1232-4

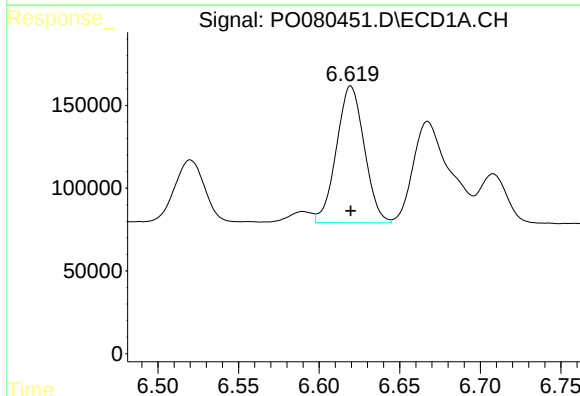
R.T.: 6.520 min  
Delta R.T.: -0.002 min  
Response: 482304  
Conc: 648.85 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



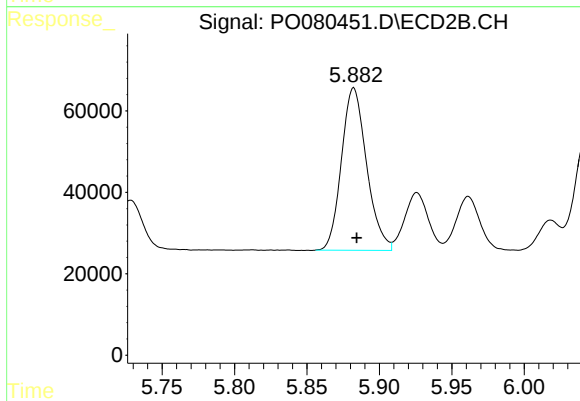
#14 AR-1232-4

R.T.: 5.694 min  
Delta R.T.: -0.002 min  
Response: 414521  
Conc: 1440.38 ng/ml



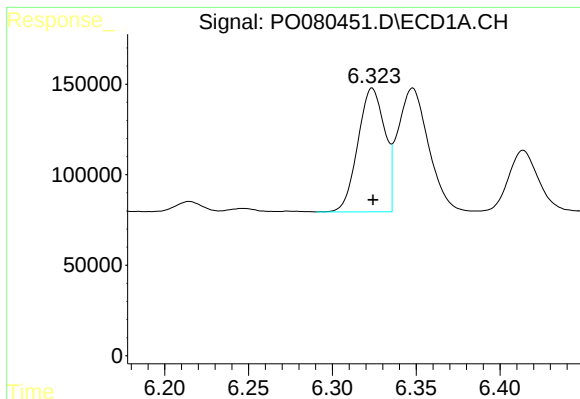
#15 AR-1232-5

R.T.: 6.620 min  
Delta R.T.: 0.000 min  
Response: 994001  
Conc: 1905.29 ng/ml



#15 AR-1232-5

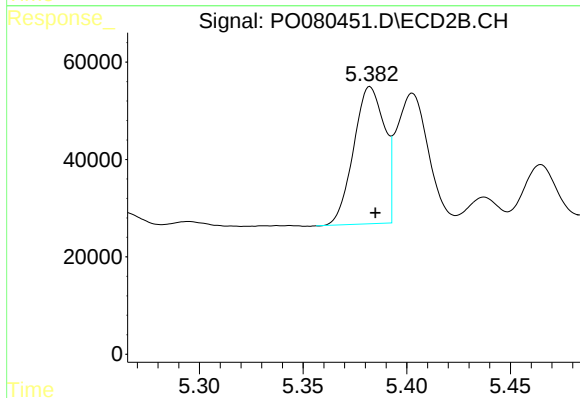
R.T.: 5.882 min  
Delta R.T.: -0.002 min  
Response: 482223  
Conc: 1588.20 ng/ml



#16 AR-1242-1

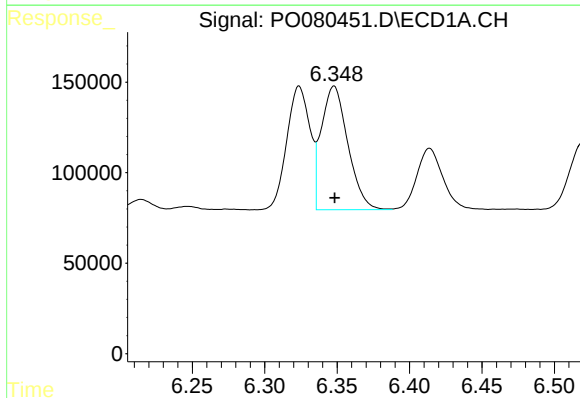
R.T.: 6.324 min  
Delta R.T.: 0.000 min  
Response: 760759  
Conc: 390.00 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



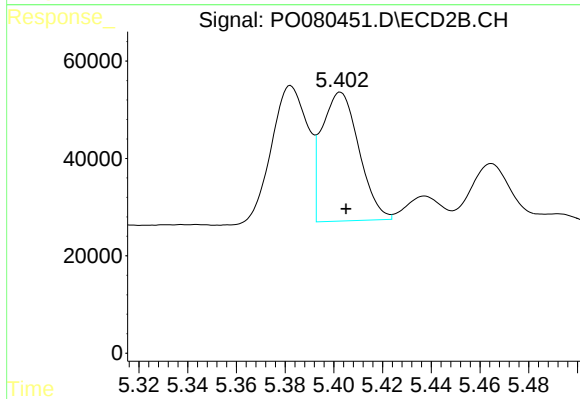
#16 AR-1242-1

R.T.: 5.382 min  
Delta R.T.: -0.003 min  
Response: 291594  
Conc: 365.36 ng/ml



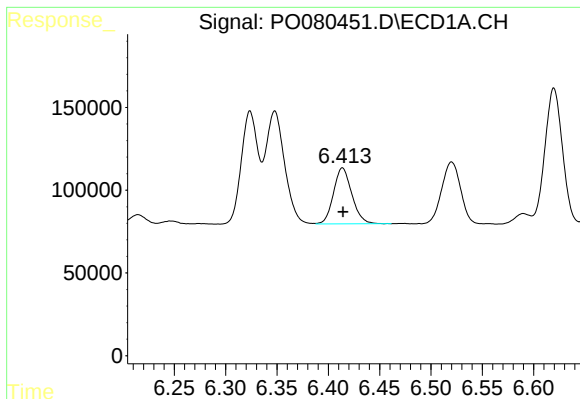
#17 AR-1242-2

R.T.: 6.348 min  
Delta R.T.: 0.000 min  
Response: 870239  
Conc: 322.76 ng/ml



#17 AR-1242-2

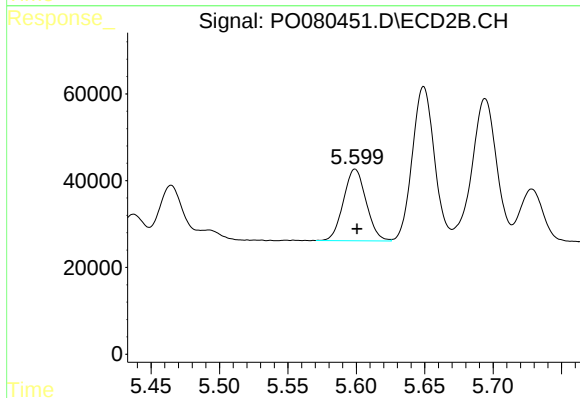
R.T.: 5.403 min  
Delta R.T.: -0.002 min  
Response: 280021  
Conc: 257.79 ng/ml



#18 AR-1242-3

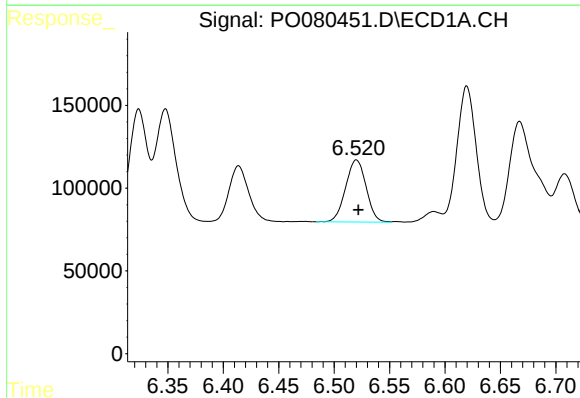
R.T.: 6.414 min  
Delta R.T.: 0.000 min  
Response: 420076  
Conc: 251.81 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



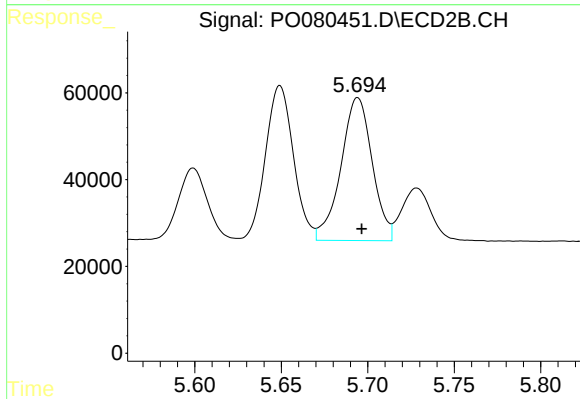
#18 AR-1242-3

R.T.: 5.599 min  
Delta R.T.: -0.001 min  
Response: 191165  
Conc: 333.67 ng/ml



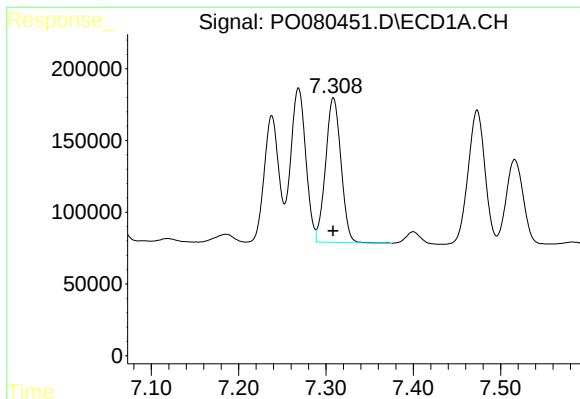
#19 AR-1242-4

R.T.: 6.520 min  
Delta R.T.: -0.002 min  
Response: 482304  
Conc: 358.63 ng/ml



#19 AR-1242-4

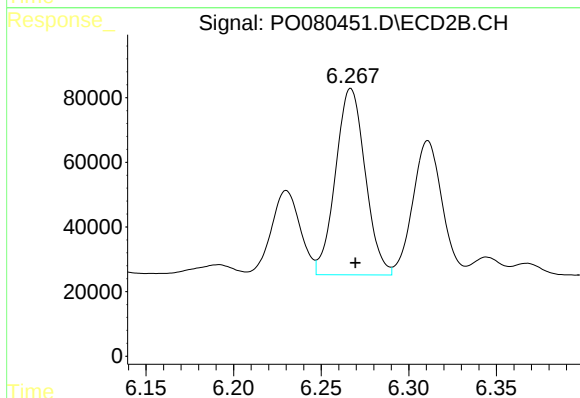
R.T.: 5.694 min  
Delta R.T.: -0.002 min  
Response: 414521  
Conc: 746.29 ng/ml



#20 AR-1242-5

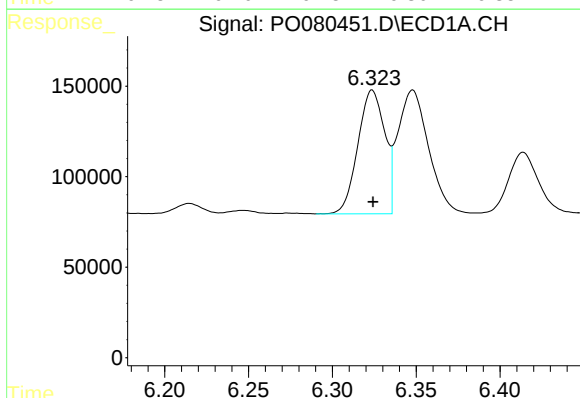
R.T.: 7.309 min  
Delta R.T.: 0.000 min  
Response: 1234459  
Conc: 842.95 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



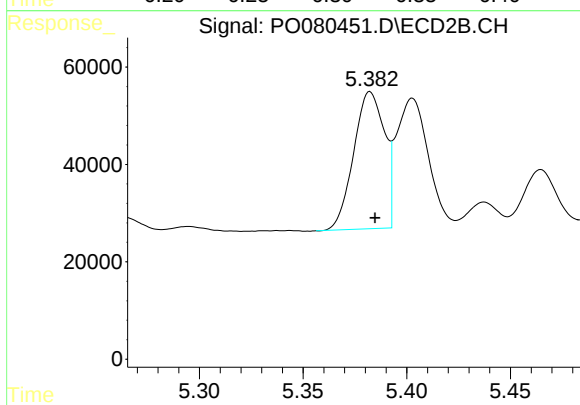
#20 AR-1242-5

R.T.: 6.267 min  
Delta R.T.: -0.003 min  
Response: 680526  
Conc: 976.62 ng/ml



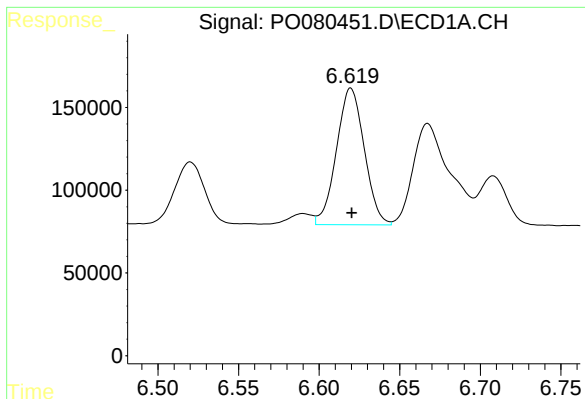
#21 AR-1248-1

R.T.: 6.324 min  
Delta R.T.: 0.000 min  
Response: 760759  
Conc: 502.70 ng/ml



#21 AR-1248-1

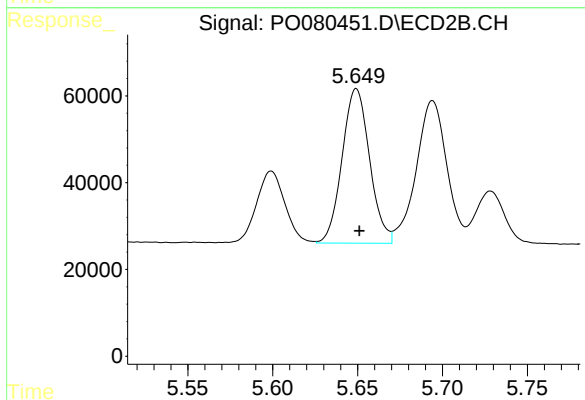
R.T.: 5.382 min  
Delta R.T.: -0.002 min  
Response: 291594  
Conc: 463.75 ng/ml



#22 AR-1248-2

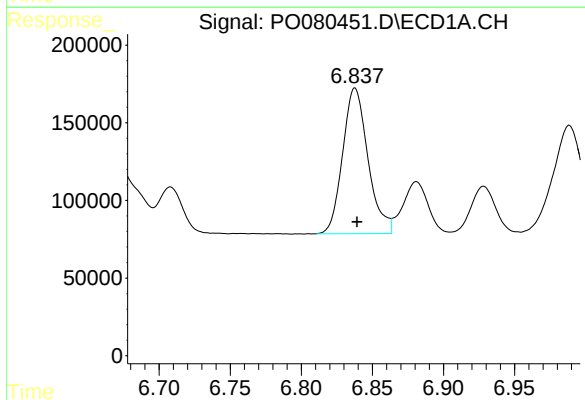
R.T.: 6.620 min  
Delta R.T.: 0.000 min  
Response: 994001  
Conc: 490.03 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



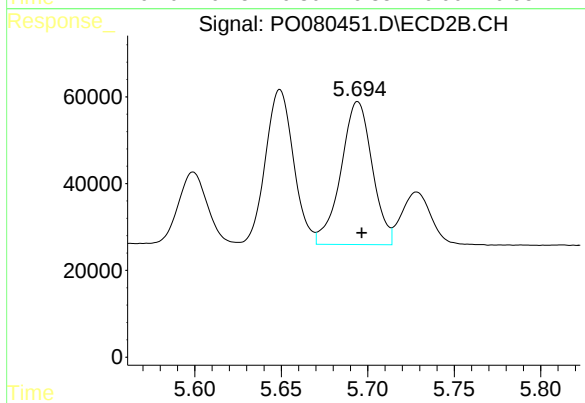
#22 AR-1248-2

R.T.: 5.649 min  
Delta R.T.: -0.002 min  
Response: 402175  
Conc: 463.86 ng/ml



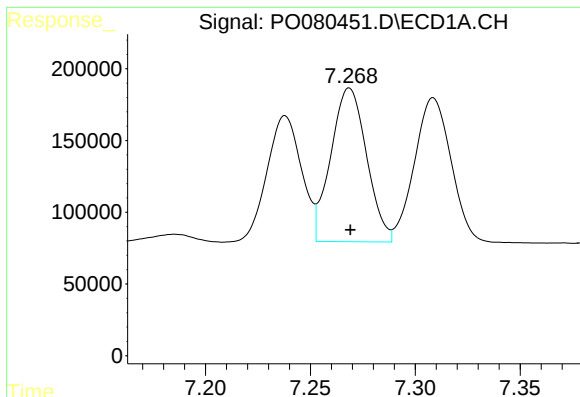
#23 AR-1248-3

R.T.: 6.838 min  
Delta R.T.: -0.001 min  
Response: 1164653  
Conc: 492.12 ng/ml



#23 AR-1248-3

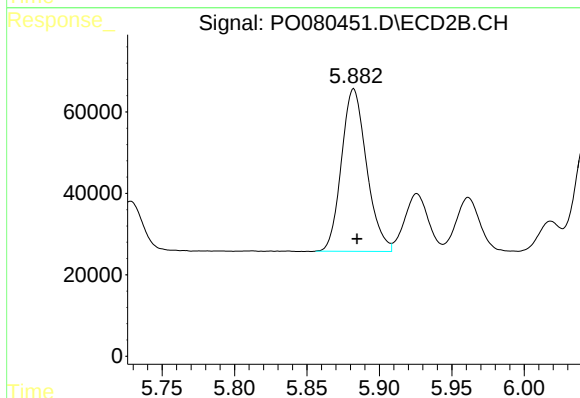
R.T.: 5.694 min  
Delta R.T.: -0.002 min  
Response: 414521  
Conc: 464.07 ng/ml



#24 AR-1248-4

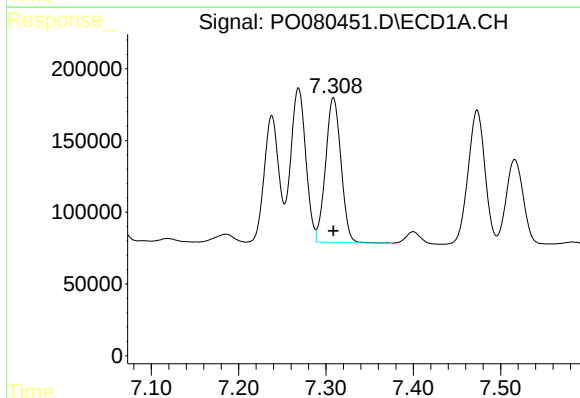
R.T.: 7.269 min  
Delta R.T.: 0.000 min  
Response: 1272794  
Conc: 468.03 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



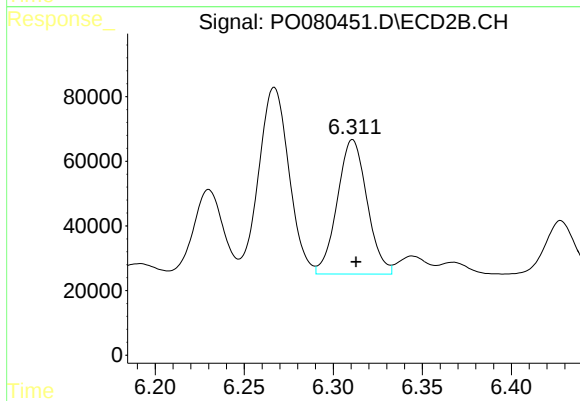
#24 AR-1248-4

R.T.: 5.882 min  
Delta R.T.: -0.002 min  
Response: 482223  
Conc: 471.95 ng/ml



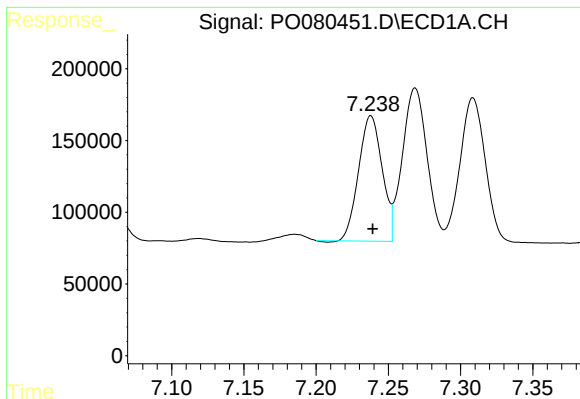
#25 AR-1248-5

R.T.: 7.309 min  
Delta R.T.: 0.000 min  
Response: 1234459  
Conc: 468.11 ng/ml



#25 AR-1248-5

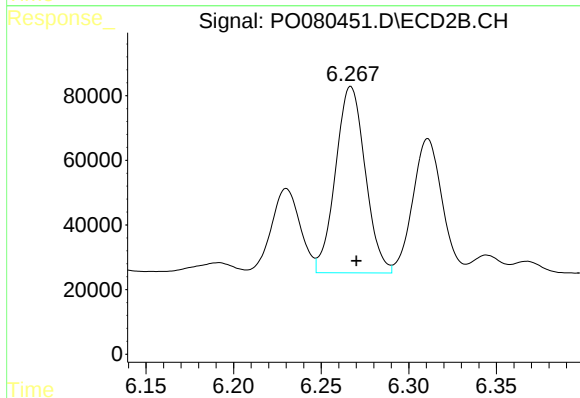
R.T.: 6.311 min  
Delta R.T.: -0.002 min  
Response: 484314  
Conc: 467.16 ng/ml



#26 AR-1254-1

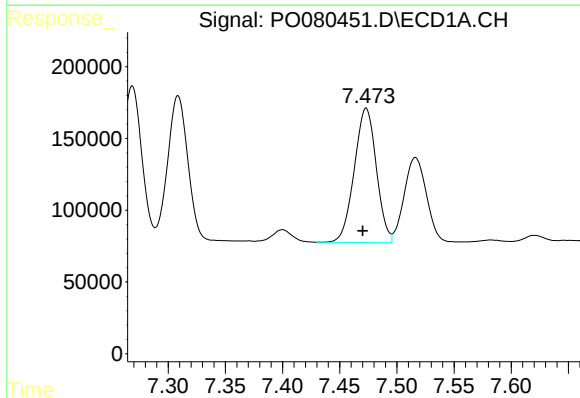
R.T.: 7.238 min  
Delta R.T.: -0.001 min  
Response: 987903  
Conc: 381.09 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



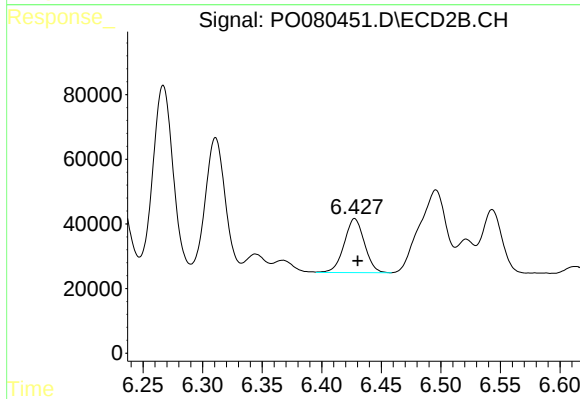
#26 AR-1254-1

R.T.: 6.267 min  
Delta R.T.: -0.003 min  
Response: 680526  
Conc: 463.87 ng/ml



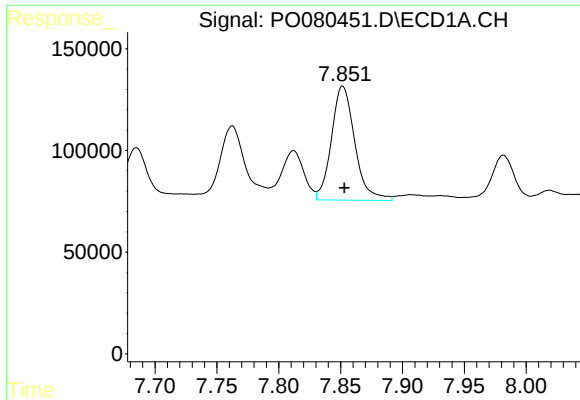
#27 AR-1254-2

R.T.: 7.473 min  
Delta R.T.: 0.003 min  
Response: 1260301  
Conc: 321.17 ng/ml



#27 AR-1254-2

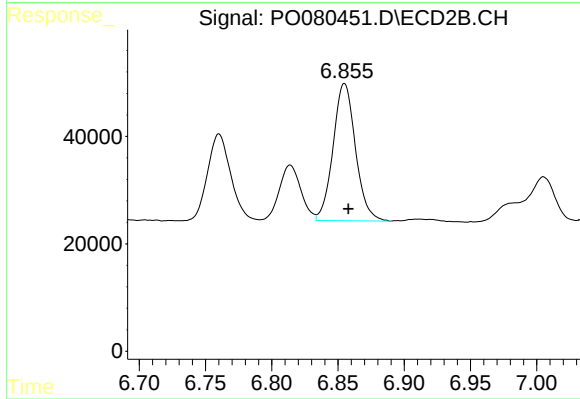
R.T.: 6.428 min  
Delta R.T.: -0.003 min  
Response: 197824  
Conc: 153.14 ng/ml



#28 AR-1254-3

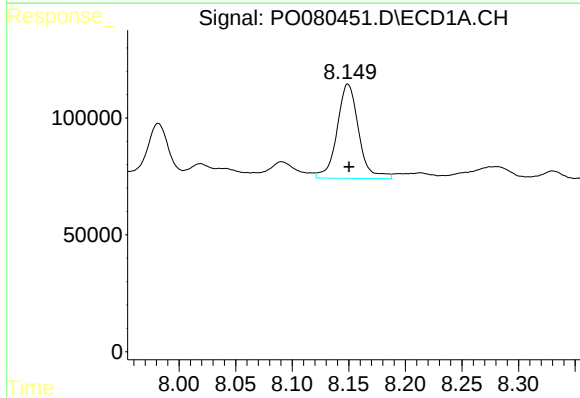
R.T.: 7.852 min  
Delta R.T.: -0.001 min  
Response: 737683  
Conc: 180.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



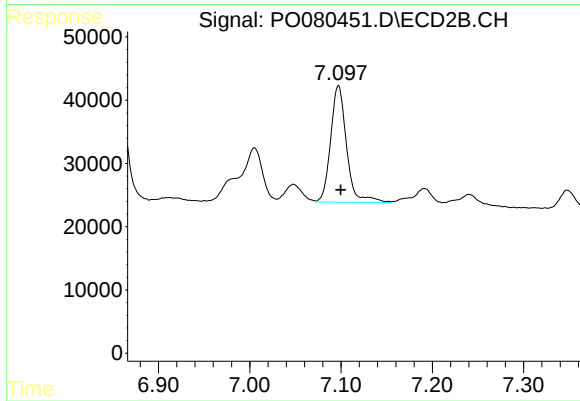
#28 AR-1254-3

R.T.: 6.855 min  
Delta R.T.: -0.003 min  
Response: 301134  
Conc: 149.35 ng/ml



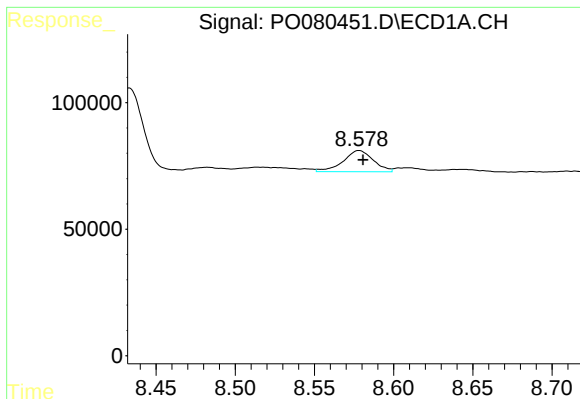
#29 AR-1254-4

R.T.: 8.149 min  
Delta R.T.: 0.000 min  
Response: 536610  
Conc: 179.74 ng/ml



#29 AR-1254-4

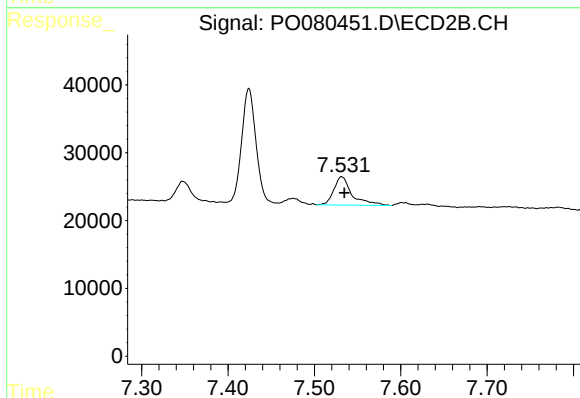
R.T.: 7.097 min  
Delta R.T.: -0.003 min  
Response: 222818  
Conc: 171.21 ng/ml



#30 AR-1254-5

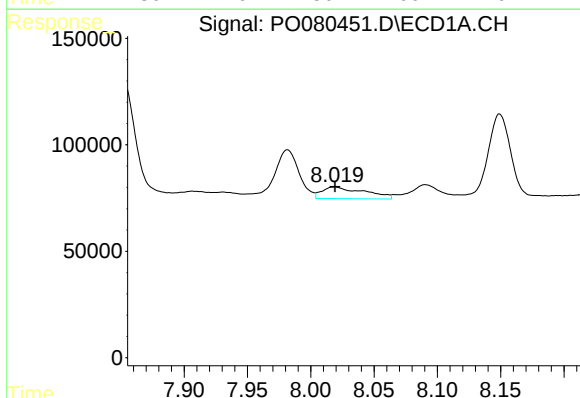
R.T.: 8.578 min  
Delta R.T.: -0.002 min  
Response: 111958  
Conc: 36.19 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



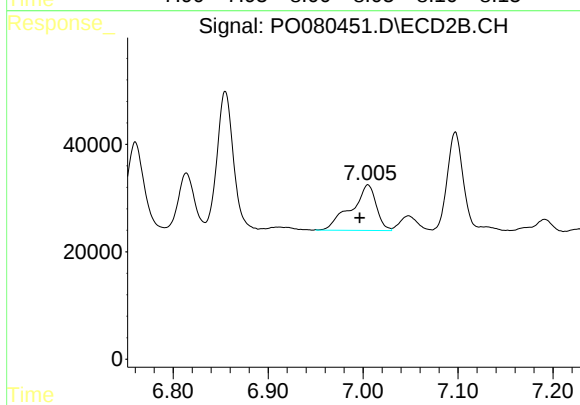
#30 AR-1254-5

R.T.: 7.532 min  
Delta R.T.: -0.003 min  
Response: 60796  
Conc: 34.65 ng/ml



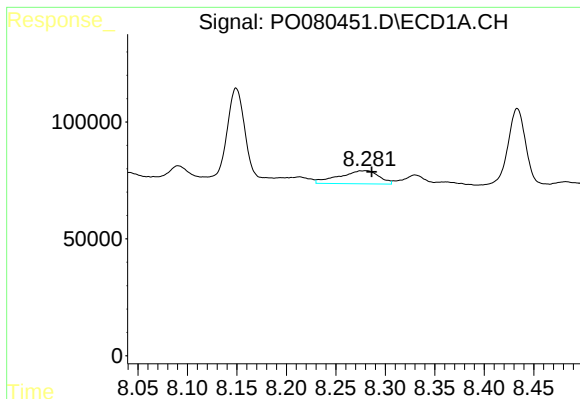
#31 AR-1260-1

R.T.: 8.019 min  
Delta R.T.: 0.000 min  
Response: 128566  
Conc: 44.99 ng/ml



#31 AR-1260-1

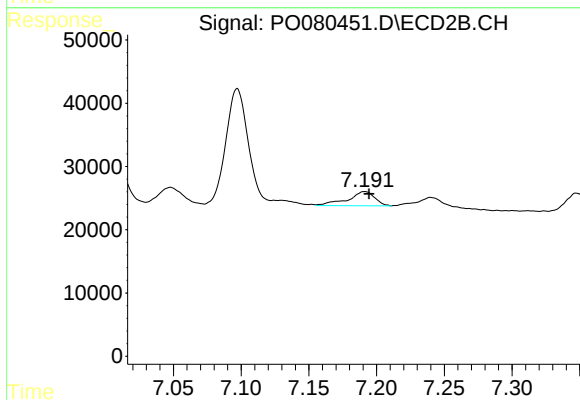
R.T.: 7.005 min  
Delta R.T.: 0.009 min  
Response: 156128  
Conc: 116.49 ng/ml



#32 AR-1260-2

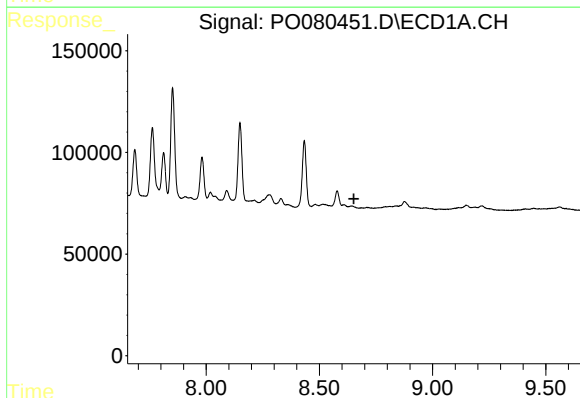
R.T.: 8.281 min  
Delta R.T.: -0.005 min  
Response: 157129  
Conc: 47.28 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



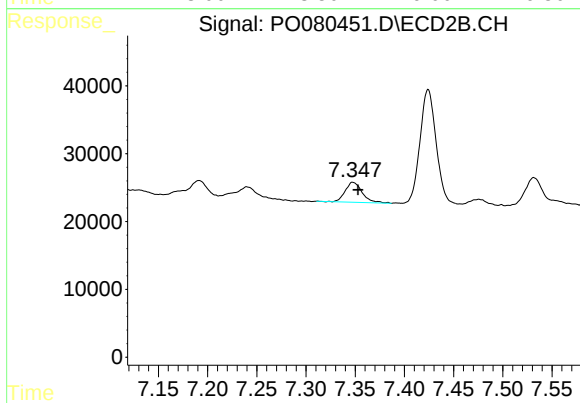
#32 AR-1260-2

R.T.: 7.191 min  
Delta R.T.: -0.003 min  
Response: 31078  
Conc: 18.70 ng/ml



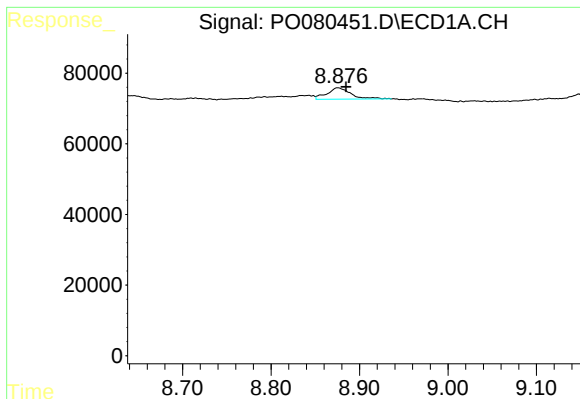
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 8.652 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

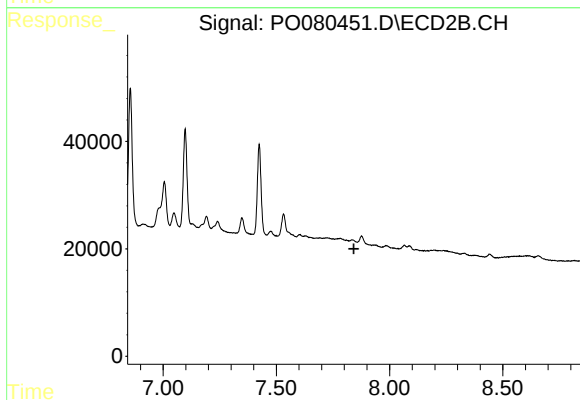
R.T.: 7.348 min  
Delta R.T.: -0.005 min  
Response: 35762  
Conc: 23.39 ng/ml



#34 AR-1260-4

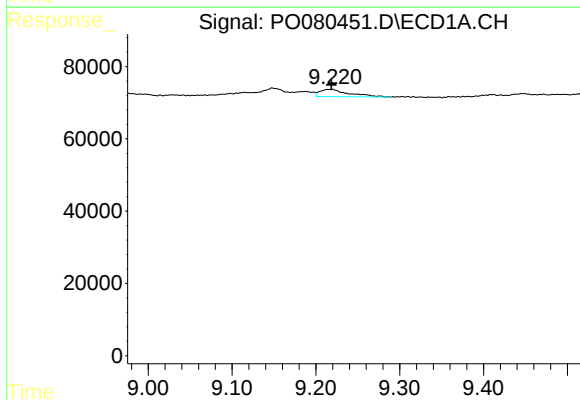
R.T.: 8.876 min  
Delta R.T.: -0.009 min  
Response: 60803  
Conc: 21.02 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



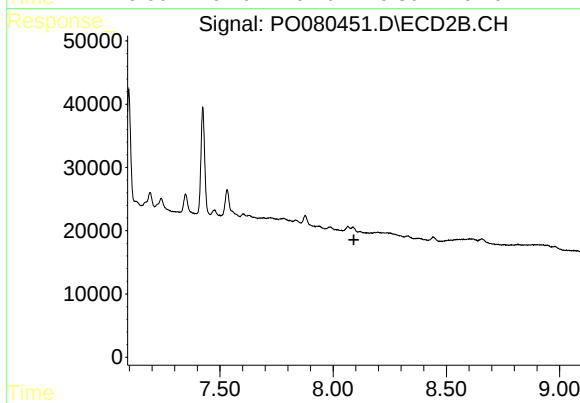
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 7.842 min  
Response: 0  
Conc: N.D.



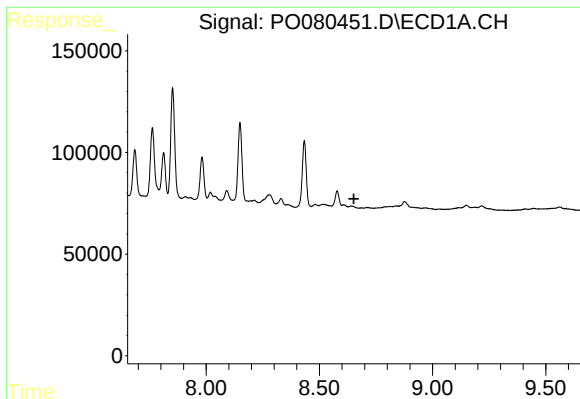
#35 AR-1260-5

R.T.: 9.219 min  
Delta R.T.: 0.000 min  
Response: 48498  
Conc: 8.51 ng/ml



#35 AR-1260-5

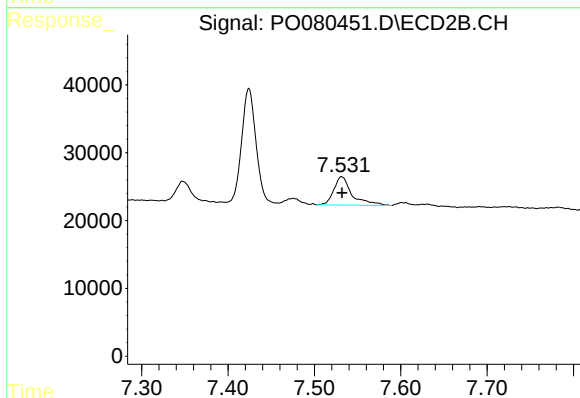
R.T.: 0.000 min  
Exp R.T. : 8.092 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

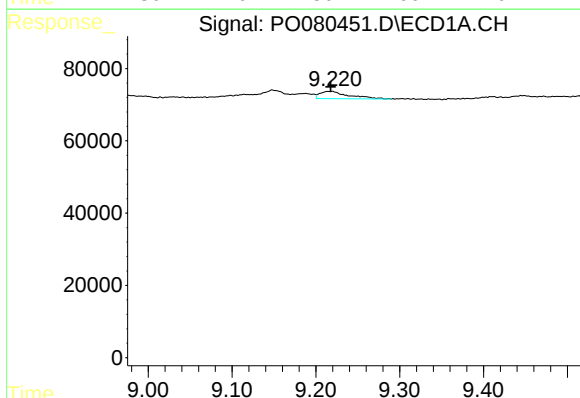
R.T.: 0.000 min  
Exp R.T.: 8.652 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



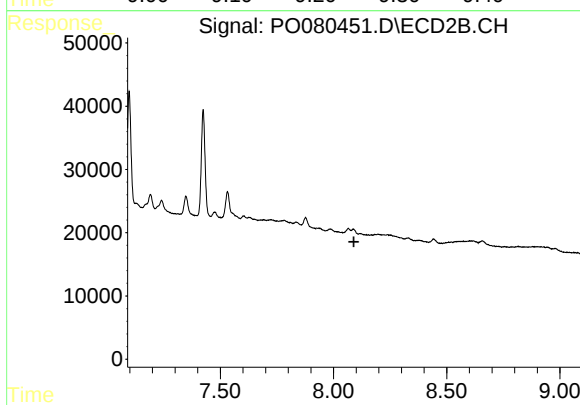
#36 AR-1262-1

R.T.: 7.532 min  
Delta R.T.: 0.000 min  
Response: 60796  
Conc: 60.57 ng/ml



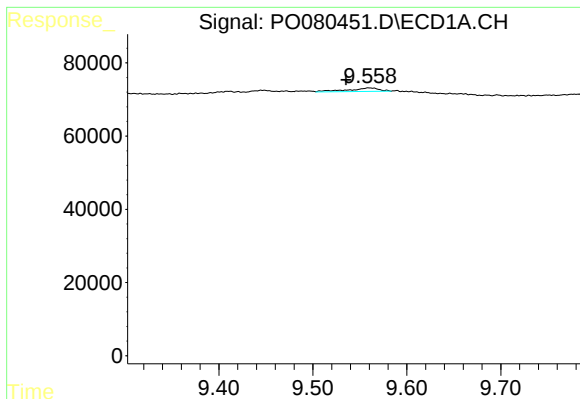
#37 AR-1262-2

R.T.: 9.219 min  
Delta R.T.: 0.001 min  
Response: 48498  
Conc: 7.17 ng/ml



#37 AR-1262-2

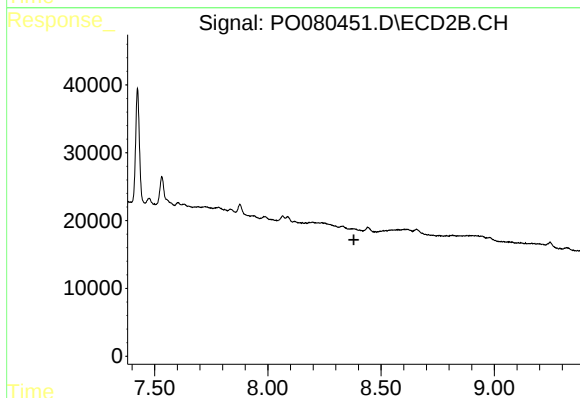
R.T.: 0.000 min  
Exp R.T.: 8.090 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

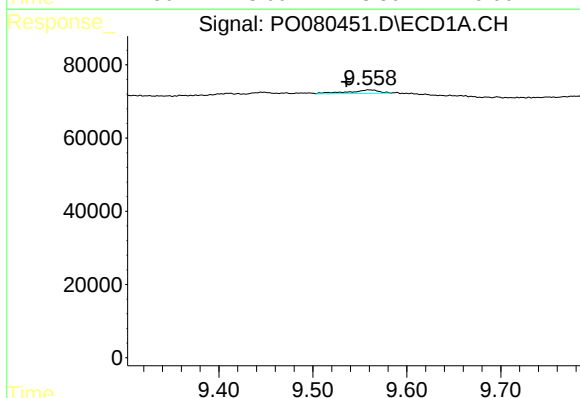
R.T.: 9.559 min  
Delta R.T.: 0.024 min  
Response: 21593  
Conc: 7.22 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



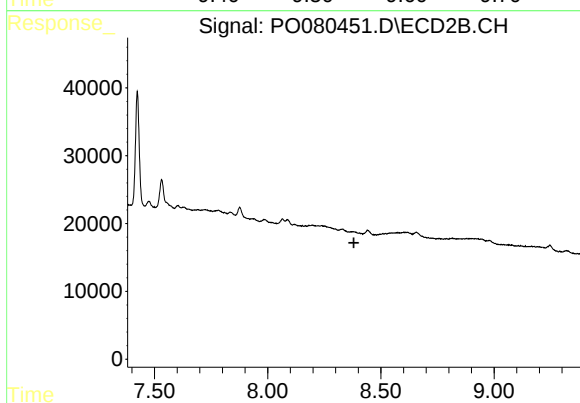
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 8.380 min  
Response: 0  
Conc: N.D.



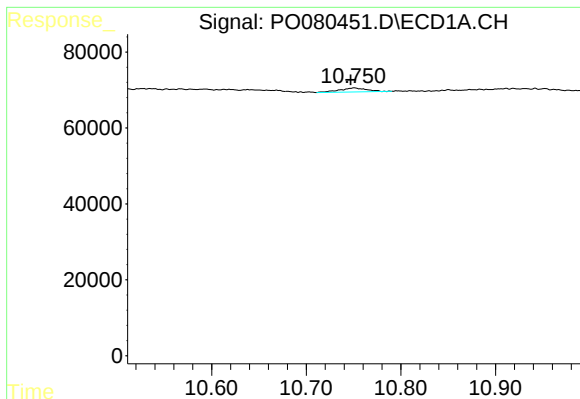
#41 AR-1268-1

R.T.: 9.559 min  
Delta R.T.: 0.024 min  
Response: 21593  
Conc: 2.70 ng/ml



#41 AR-1268-1

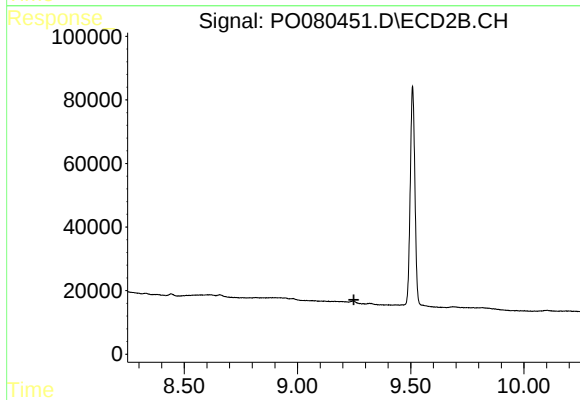
R.T.: 0.000 min  
Exp R.T. : 8.380 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 10.751 min  
Delta R.T.: 0.004 min  
Response: 20585  
Conc: 1.02 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248CCC500



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 9.249 min  
Response: 0  
Conc: N.D.