

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0071321\  
 Data File : P0079518.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 13 Jul 2021 11:09  
 Operator : DD\AJ  
 Sample : AR1248CCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 14 02:31:10 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0070821.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Jul 10 00:52:22 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1   | RT#2  | Resp#1  | Resp#2  | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|-------|---------|---------|----------|------------|
| -----                       |                 |        |       |         |         |          |            |
| System Monitoring Compounds |                 |        |       |         |         |          |            |
| 1)                          | SA Tetrachlo... | 5.019  | 4.228 | 3462645 | 1311388 | 51.790   | 45.730     |
| 2)                          | SA Decachlor... | 11.143 | 9.679 | 2442578 | 1154164 | 48.025   | 43.610     |
| Target Compounds            |                 |        |       |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 6.349  | 5.509 | 686215  | 293417  | 289.843  | 245.546    |
| 4)                          | L1 AR-1016-2    | 6.374  | 5.530 | 787701  | 284879  | 238.158  | 179.793    |
| 5)                          | L1 AR-1016-3    | 6.439  | 5.729 | 380258  | 203003  | 187.374  | 237.697 #  |
| 6)                          | L1 AR-1016-4    | 6.546  | 5.778 | 433090  | 429155  | 264.324  | 596.804 #  |
| 7)                          | L1 AR-1016-5    | 6.864  | 6.013 | 1061404 | 512706  | 659.359  | 577.160    |
| 8)                          | L2 AR-1221-1    | 5.268  | 0.000 | 14962   | 0       | 21.116   | N.D. #     |
| 9)                          | L2 AR-1221-2    | 5.374  | 4.590 | 50224   | 22091   | 96.874   | 86.828     |
| 10)                         | L2 AR-1221-3    | 5.459  | 4.683 | 63856   | 27593   | 38.121   | 34.384     |
| 11)                         | L3 AR-1232-1    | 5.459  | 4.683 | 63856   | 27593   | 43.530   | 38.830     |
| 12)                         | L3 AR-1232-2    | 6.053  | 5.530 | 294782  | 284879  | 409.094  | 422.172    |
| 13)                         | L3 AR-1232-3    | 6.374  | 5.729 | 787701  | 203003  | 560.117  | 573.191    |
| 14)                         | L3 AR-1232-4    | 6.546  | 5.823 | 433090  | 448137  | 639.288  | 1369.353 # |
| 15)                         | L3 AR-1232-5    | 6.645  | 6.013 | 909114  | 512706  | 1917.315 | 1497.689   |
| 16)                         | L4 AR-1242-1    | 6.349  | 5.509 | 686215  | 293417  | 379.857  | 328.757    |
| 17)                         | L4 AR-1242-2    | 6.374  | 5.530 | 787701  | 284879  | 314.412  | 241.101    |
| 18)                         | L4 AR-1242-3    | 6.439  | 5.729 | 380258  | 203003  | 246.721  | 318.741 #  |
| 19)                         | L4 AR-1242-4    | 6.546  | 5.823 | 433090  | 448137  | 351.375  | 701.992 #  |
| 20)                         | L4 AR-1242-5    | 7.334  | 6.399 | 1117859 | 715478  | 849.704  | 917.179    |
| 21)                         | L5 AR-1248-1    | 6.349  | 5.509 | 686215  | 293417  | 494.276  | 433.894    |
| 22)                         | L5 AR-1248-2    | 6.645  | 5.778 | 909114  | 429155  | 489.018  | 450.199    |
| 23)                         | L5 AR-1248-3    | 6.864  | 5.823 | 1061404 | 448137  | 501.593  | 458.900    |
| 24)                         | L5 AR-1248-4    | 7.295  | 6.013 | 1155592 | 512706  | 475.260  | 443.417    |
| 25)                         | L5 AR-1248-5    | 7.334  | 6.443 | 1117859 | 508350  | 470.994  | 458.723    |
| 26)                         | L6 AR-1254-1    | 7.264  | 6.399 | 915136  | 715478  | 396.168  | 425.812    |
| 27)                         | L6 AR-1254-2    | 7.499  | 6.559 | 1143100 | 210144  | 317.871  | 141.998 #  |
| 28)                         | L6 AR-1254-3    | 7.878  | 6.991 | 607929  | 330938  | 161.646  | 141.624    |
| 29)                         | L6 AR-1254-4    | 8.176  | 7.232 | 404572  | 224927  | 149.130  | 153.467    |
| 30)                         | L6 AR-1254-5    | 8.606  | 7.669 | 88846   | 66585   | 32.064   | 33.399     |
| 31)                         | L7 AR-1260-1    | 8.046  | 7.143 | 45025   | 127195  | 17.208   | 81.784 #   |
| 32)                         | L7 AR-1260-2    | 8.310  | 7.326 | 99467   | 31127   | 31.582   | 16.491 #   |
| 33)                         | L7 AR-1260-3    | 8.674  | 7.486 | 15864   | 46319   | 6.900    | 25.884 #   |
| 34)                         | L7 AR-1260-4    | 8.904  | 0.000 | 42554   | 0       | 15.979   | N.D. #     |
| 35)                         | L7 AR-1260-5    | 9.250  | 0.000 | 19463   | 0       | 3.688    | N.D. #     |
| 36)                         | L8 AR-1262-1    | 8.674  | 7.669 | 15864   | 66585   | 4.509    | 59.227 #   |
| 37)                         | L8 AR-1262-2    | 9.250  | 0.000 | 19463   | 0       | 3.148    | N.D. #     |
| -----                       |                 |        |       |         |         |          |            |

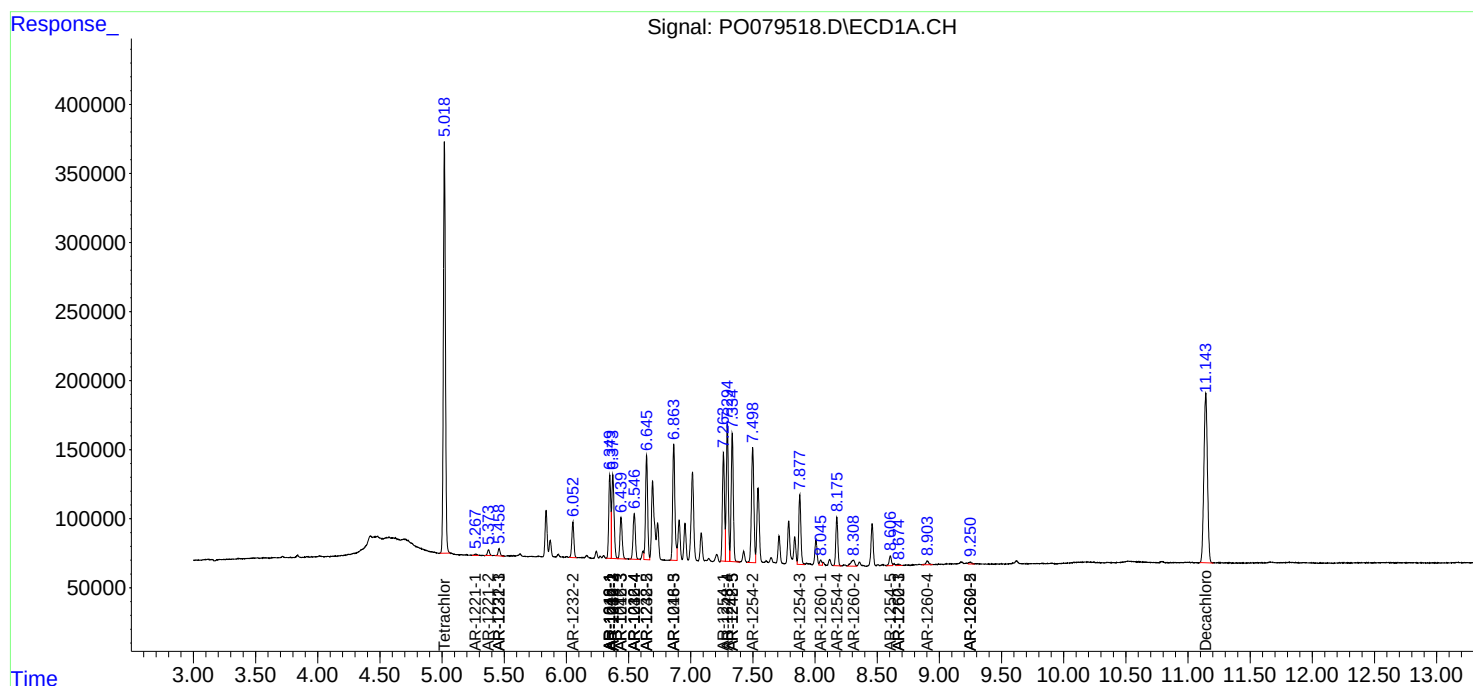
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

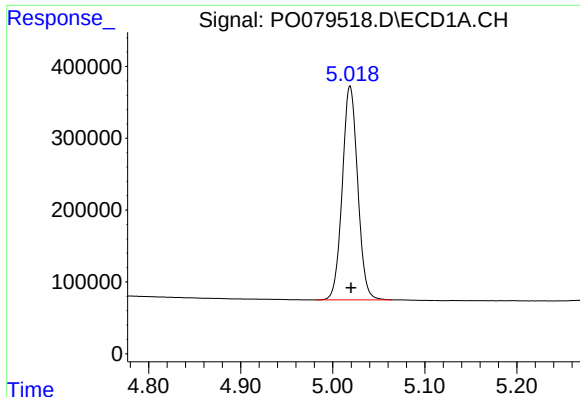
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO071321\  
Data File : PO079518.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 13 Jul 2021 11:09  
Operator : DD\AJ  
Sample : AR1248CCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 14 02:31:10 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO070821.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Jul 10 00:52:22 2021  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

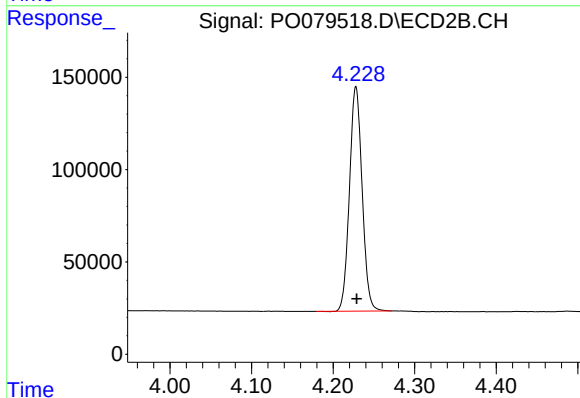




#1 Tetrachloro-m-xylene

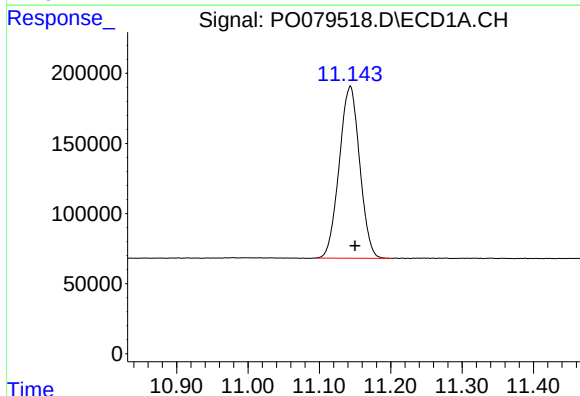
R.T.: 5.019 min  
Delta R.T.: -0.001 min  
Response: 3462645  
Conc: 51.79 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



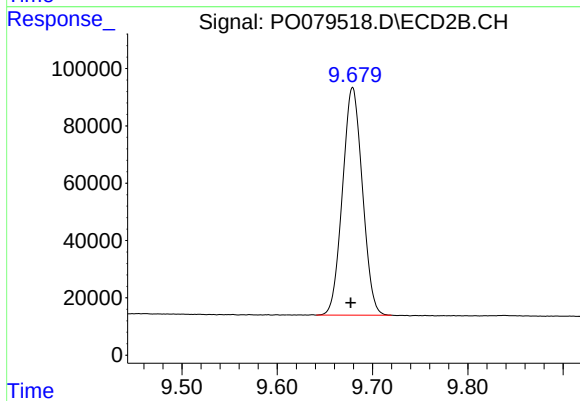
#1 Tetrachloro-m-xylene

R.T.: 4.228 min  
Delta R.T.: 0.000 min  
Response: 1311388  
Conc: 45.73 ng/ml



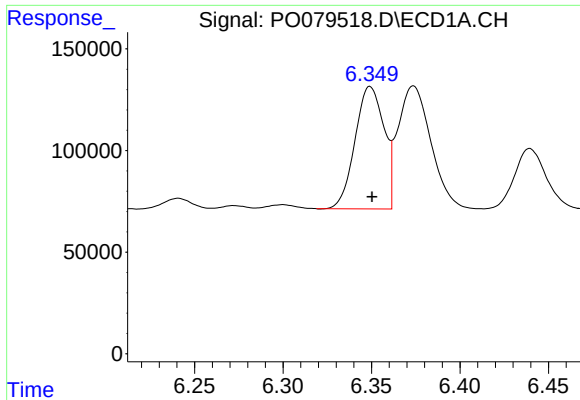
#2 Decachlorobiphenyl

R.T.: 11.143 min  
Delta R.T.: -0.006 min  
Response: 2442578  
Conc: 48.02 ng/ml



#2 Decachlorobiphenyl

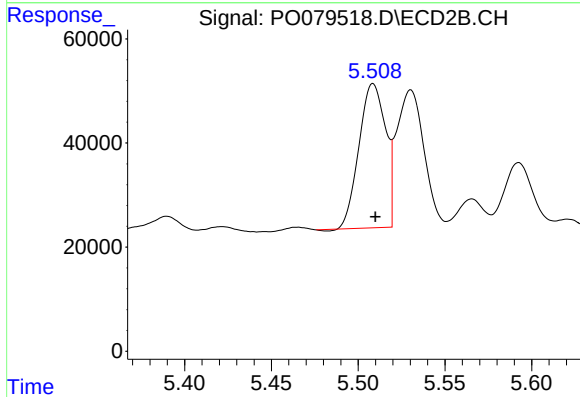
R.T.: 9.679 min  
Delta R.T.: 0.002 min  
Response: 1154164  
Conc: 43.61 ng/ml



#3 AR-1016-1

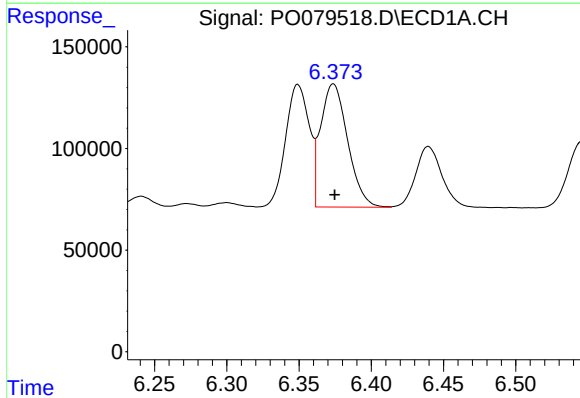
R.T.: 6.349 min  
Delta R.T.: -0.001 min  
Response: 686215  
Conc: 289.84 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



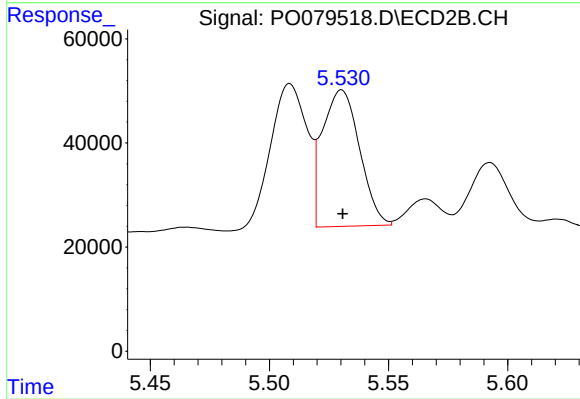
#3 AR-1016-1

R.T.: 5.509 min  
Delta R.T.: -0.001 min  
Response: 293417  
Conc: 245.55 ng/ml



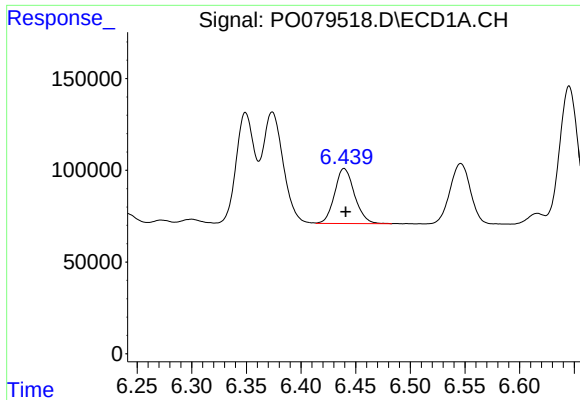
#4 AR-1016-2

R.T.: 6.374 min  
Delta R.T.: 0.000 min  
Response: 787701  
Conc: 238.16 ng/ml



#4 AR-1016-2

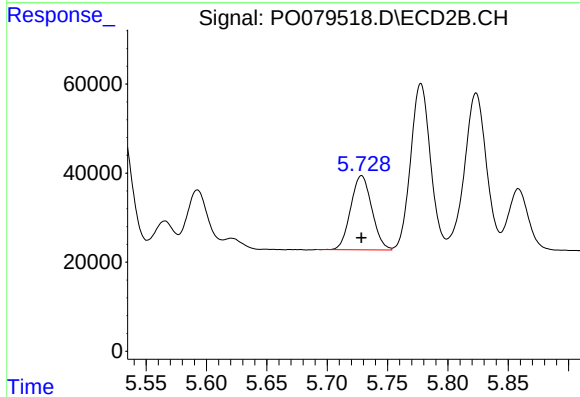
R.T.: 5.530 min  
Delta R.T.: 0.000 min  
Response: 284879  
Conc: 179.79 ng/ml



#5 AR-1016-3

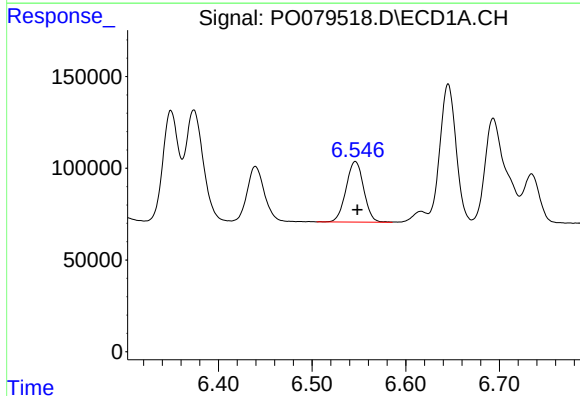
R.T.: 6.439 min  
Delta R.T.: -0.002 min  
Response: 380258  
Conc: 187.37 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



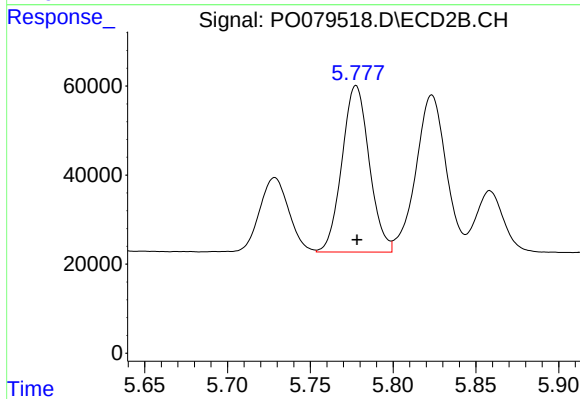
#5 AR-1016-3

R.T.: 5.729 min  
Delta R.T.: 0.000 min  
Response: 203003  
Conc: 237.70 ng/ml



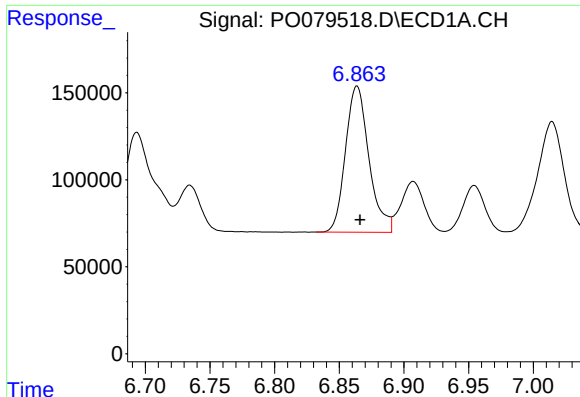
#6 AR-1016-4

R.T.: 6.546 min  
Delta R.T.: -0.002 min  
Response: 433090  
Conc: 264.32 ng/ml



#6 AR-1016-4

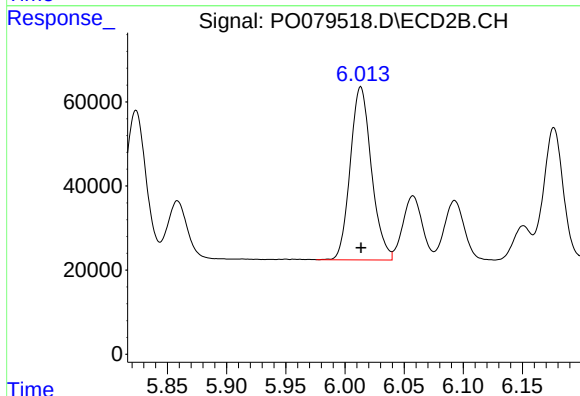
R.T.: 5.778 min  
Delta R.T.: 0.000 min  
Response: 429155  
Conc: 596.80 ng/ml



#7 AR-1016-5

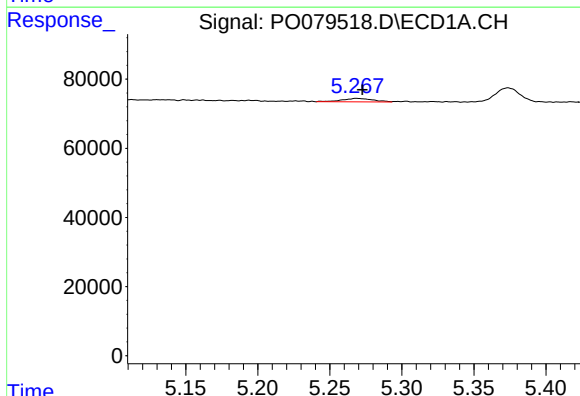
R.T.: 6.864 min  
Delta R.T.: -0.002 min  
Response: 1061404  
Conc: 659.36 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



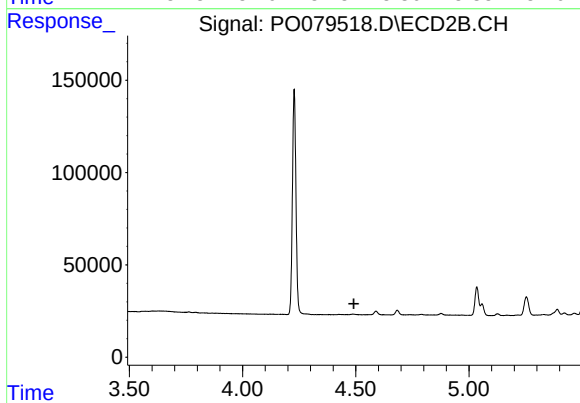
#7 AR-1016-5

R.T.: 6.013 min  
Delta R.T.: 0.000 min  
Response: 512706  
Conc: 577.16 ng/ml



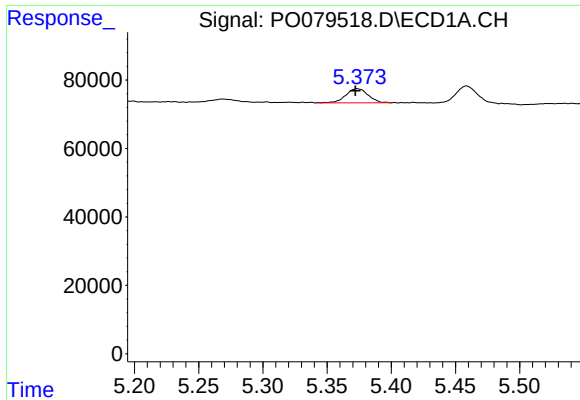
#8 AR-1221-1

R.T.: 5.268 min  
Delta R.T.: -0.004 min  
Response: 14962  
Conc: 21.12 ng/ml



#8 AR-1221-1

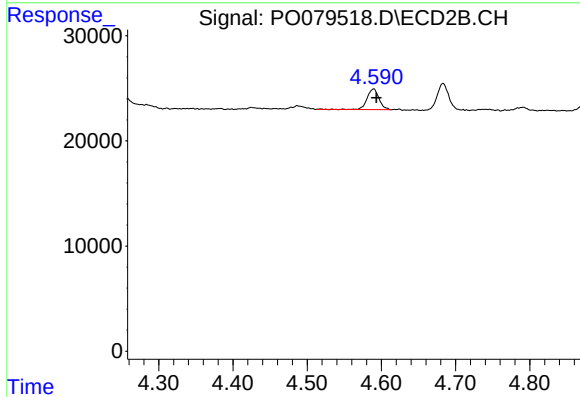
R.T.: 0.000 min  
Exp R.T.: 4.492 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

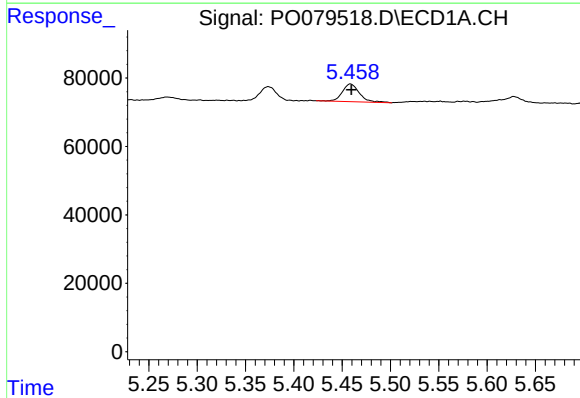
R.T.: 5.374 min  
Delta R.T.: 0.002 min  
Response: 50224  
Conc: 96.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



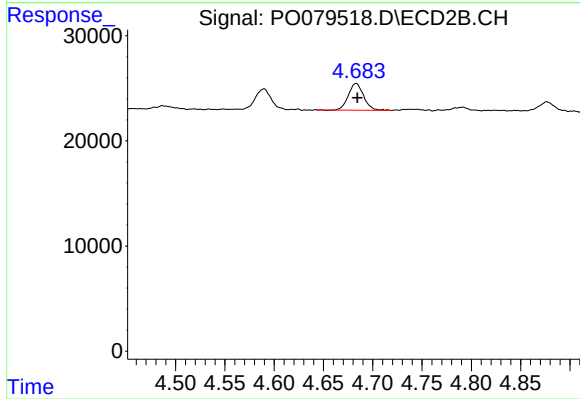
#9 AR-1221-2

R.T.: 4.590 min  
Delta R.T.: -0.004 min  
Response: 22091  
Conc: 86.83 ng/ml



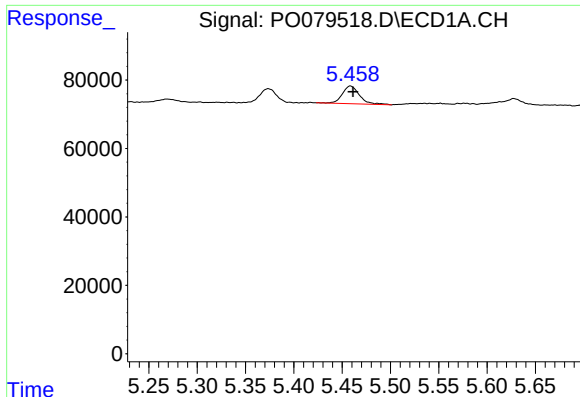
#10 AR-1221-3

R.T.: 5.459 min  
Delta R.T.: 0.000 min  
Response: 63856  
Conc: 38.12 ng/ml



#10 AR-1221-3

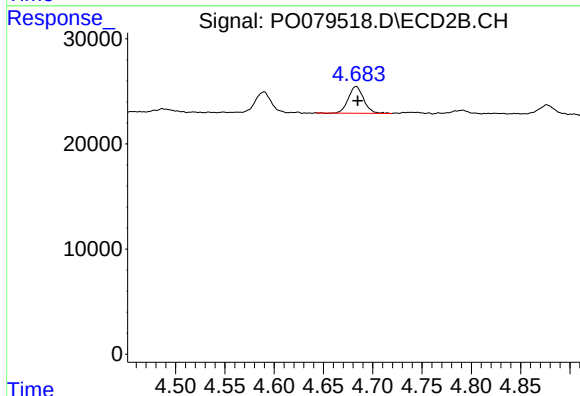
R.T.: 4.683 min  
Delta R.T.: -0.001 min  
Response: 27593  
Conc: 34.38 ng/ml



#11 AR-1232-1

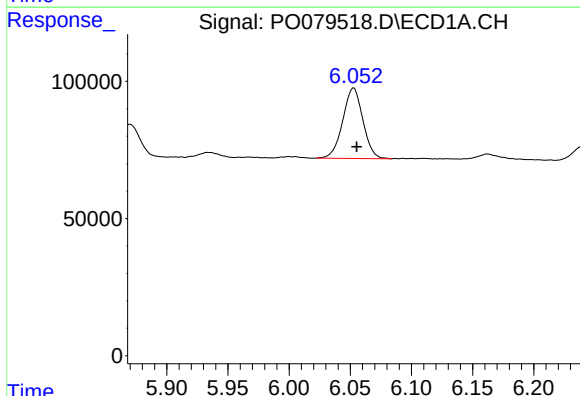
R.T.: 5.459 min  
Delta R.T.: -0.003 min  
Response: 63856  
Conc: 43.53 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



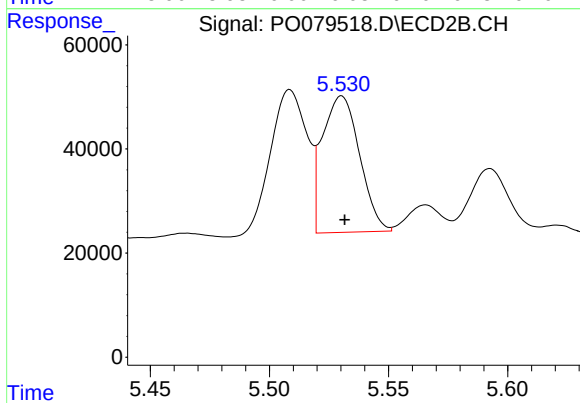
#11 AR-1232-1

R.T.: 4.683 min  
Delta R.T.: -0.002 min  
Response: 27593  
Conc: 38.83 ng/ml



#12 AR-1232-2

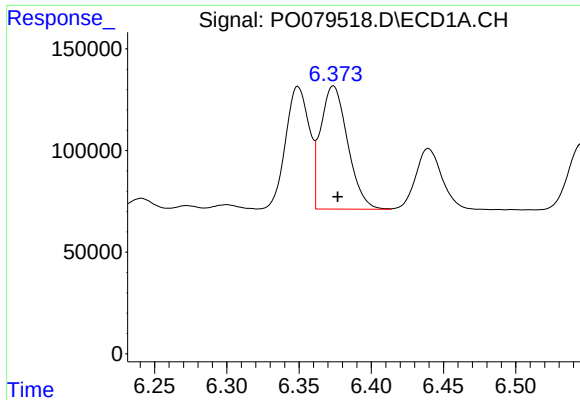
R.T.: 6.053 min  
Delta R.T.: -0.002 min  
Response: 294782  
Conc: 409.09 ng/ml



#12 AR-1232-2

R.T.: 5.530 min  
Delta R.T.: -0.001 min  
Response: 284879  
Conc: 422.17 ng/ml

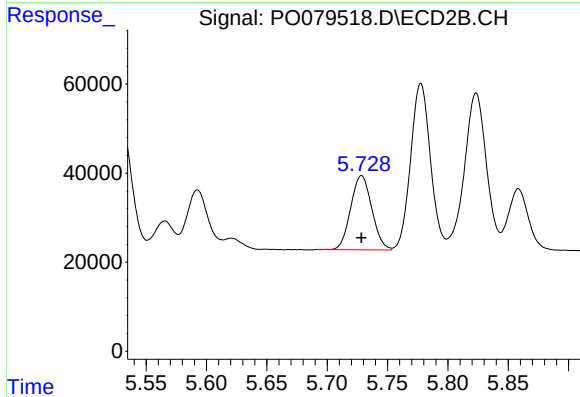




#13 AR-1232-3

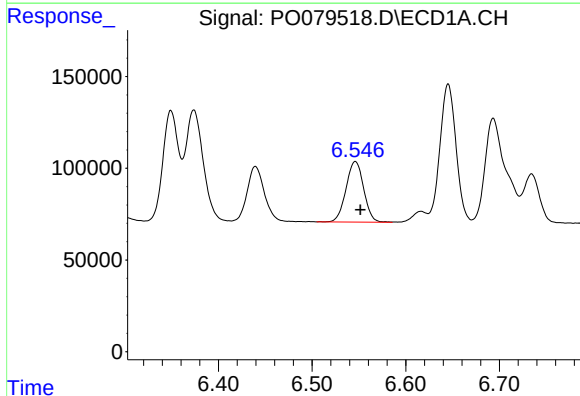
R.T.: 6.374 min  
Delta R.T.: -0.003 min  
Response: 787701  
Conc: 560.12 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



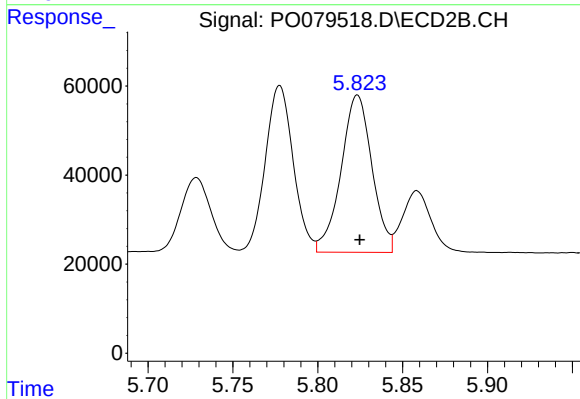
#13 AR-1232-3

R.T.: 5.729 min  
Delta R.T.: 0.000 min  
Response: 203003  
Conc: 573.19 ng/ml



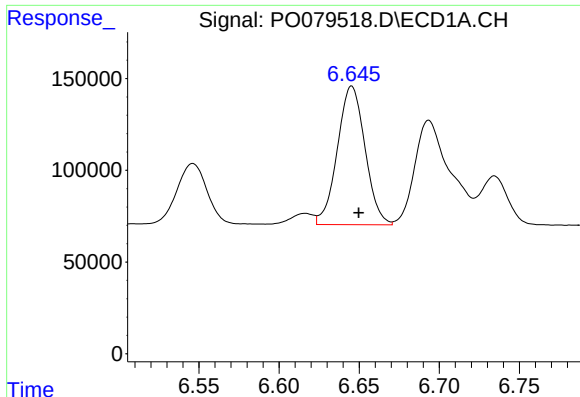
#14 AR-1232-4

R.T.: 6.546 min  
Delta R.T.: -0.005 min  
Response: 433090  
Conc: 639.29 ng/ml



#14 AR-1232-4

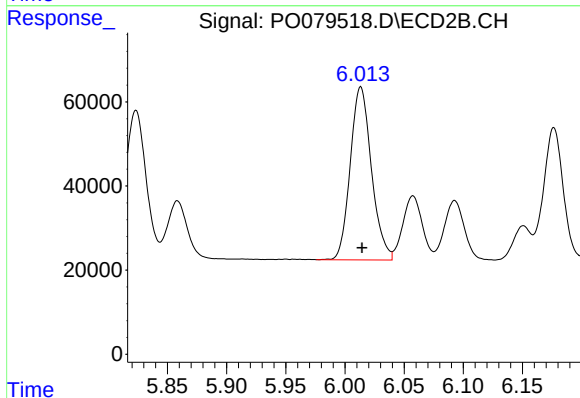
R.T.: 5.823 min  
Delta R.T.: -0.001 min  
Response: 448137  
Conc: 1369.35 ng/ml



#15 AR-1232-5

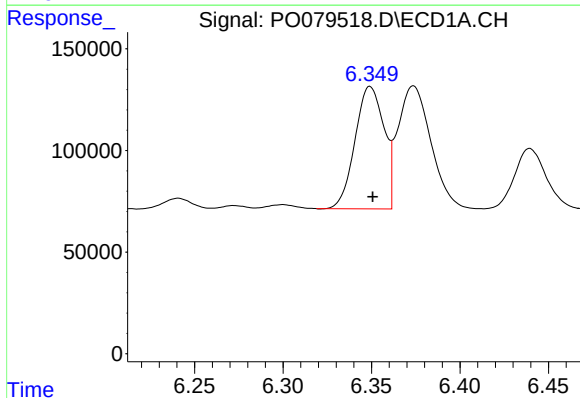
R.T.: 6.645 min  
Delta R.T.: -0.004 min  
Response: 909114  
Conc: 1917.31 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



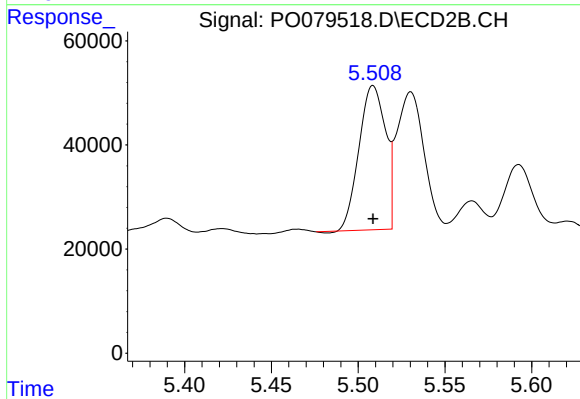
#15 AR-1232-5

R.T.: 6.013 min  
Delta R.T.: -0.001 min  
Response: 512706  
Conc: 1497.69 ng/ml



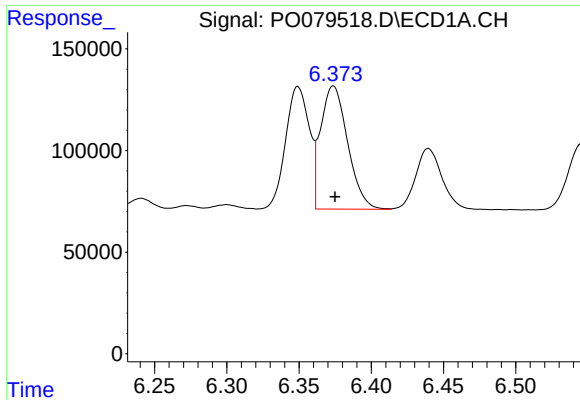
#16 AR-1242-1

R.T.: 6.349 min  
Delta R.T.: -0.002 min  
Response: 686215  
Conc: 379.86 ng/ml



#16 AR-1242-1

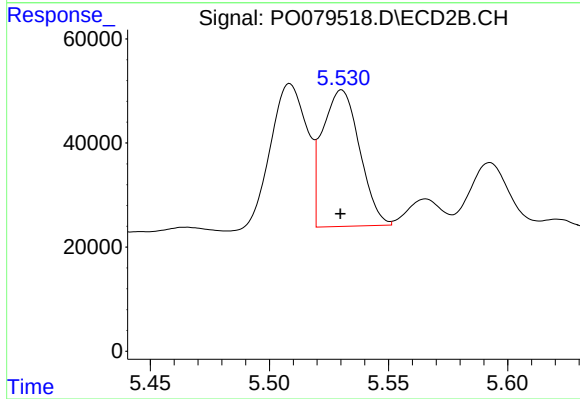
R.T.: 5.509 min  
Delta R.T.: 0.000 min  
Response: 293417  
Conc: 328.76 ng/ml



#17 AR-1242-2

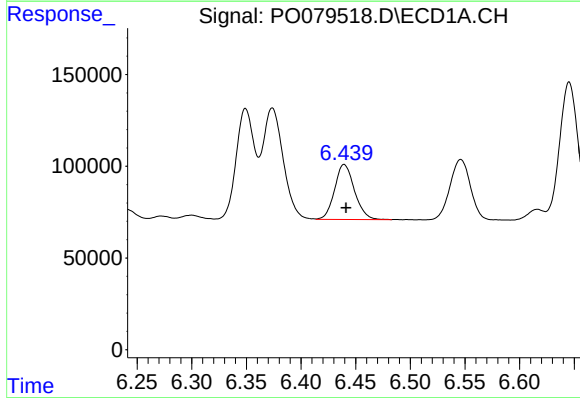
R.T.: 6.374 min  
Delta R.T.: -0.001 min  
Response: 787701  
Conc: 314.41 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



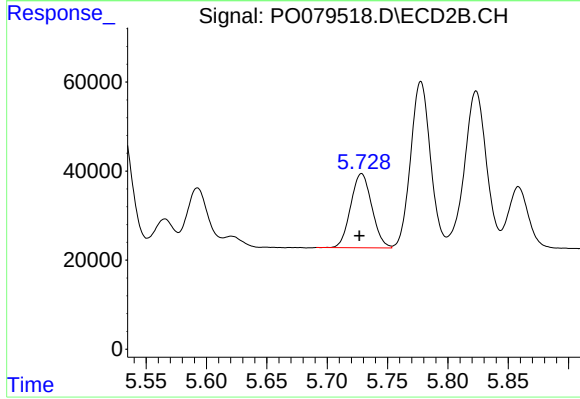
#17 AR-1242-2

R.T.: 5.530 min  
Delta R.T.: 0.000 min  
Response: 284879  
Conc: 241.10 ng/ml



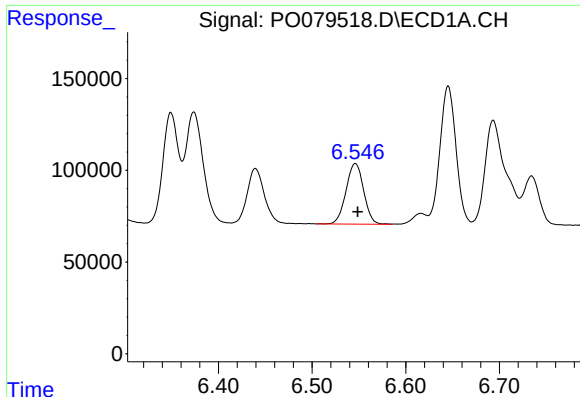
#18 AR-1242-3

R.T.: 6.439 min  
Delta R.T.: -0.002 min  
Response: 380258  
Conc: 246.72 ng/ml



#18 AR-1242-3

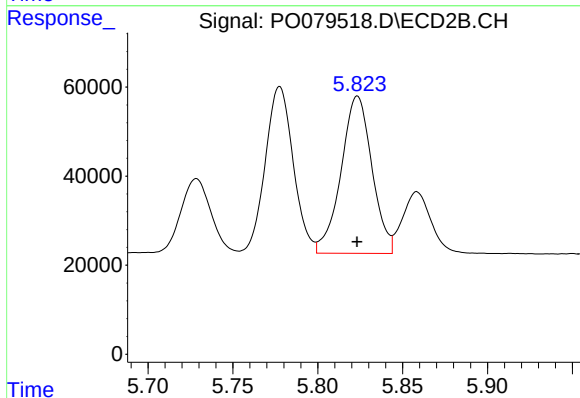
R.T.: 5.729 min  
Delta R.T.: 0.002 min  
Response: 203003  
Conc: 318.74 ng/ml



#19 AR-1242-4

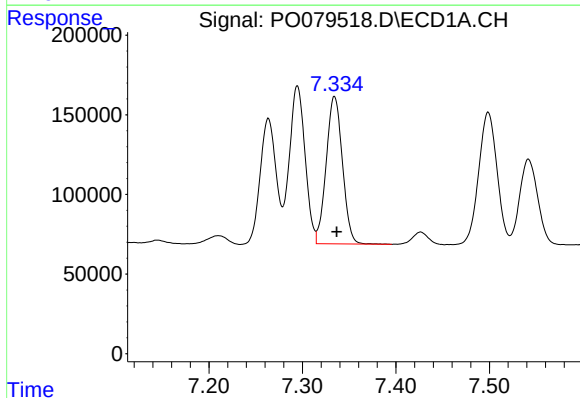
R.T.: 6.546 min  
Delta R.T.: -0.003 min  
Response: 433090  
Conc: 351.38 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



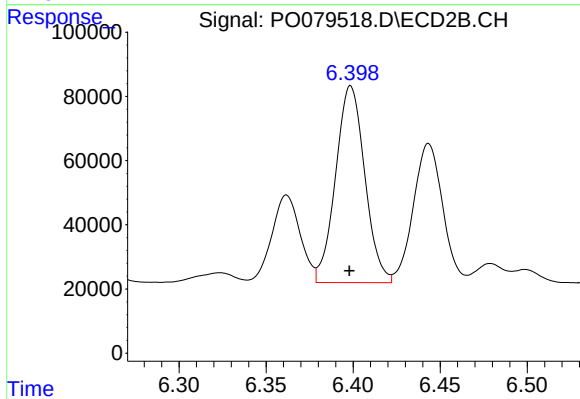
#19 AR-1242-4

R.T.: 5.823 min  
Delta R.T.: 0.000 min  
Response: 448137  
Conc: 701.99 ng/ml



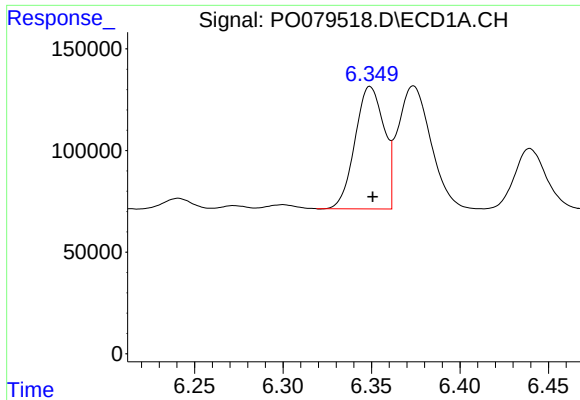
#20 AR-1242-5

R.T.: 7.334 min  
Delta R.T.: -0.002 min  
Response: 1117859  
Conc: 849.70 ng/ml



#20 AR-1242-5

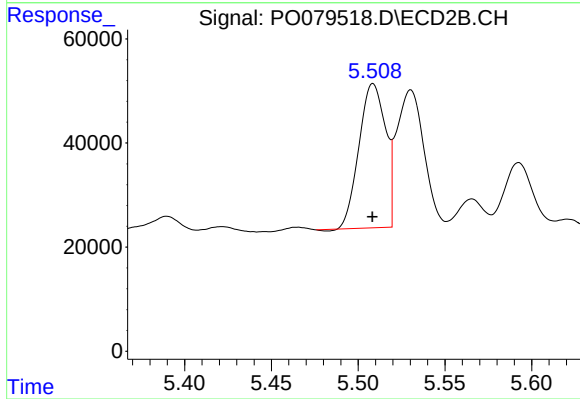
R.T.: 6.399 min  
Delta R.T.: 0.000 min  
Response: 715478  
Conc: 917.18 ng/ml



#21 AR-1248-1

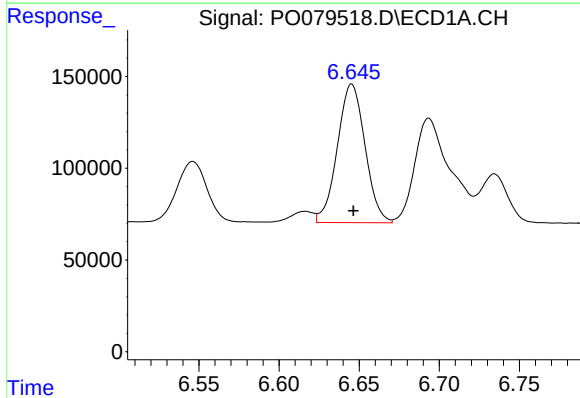
R.T.: 6.349 min  
Delta R.T.: -0.002 min  
Response: 686215  
Conc: 494.28 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



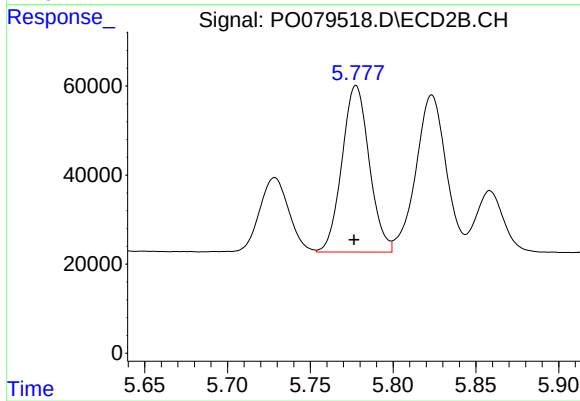
#21 AR-1248-1

R.T.: 5.509 min  
Delta R.T.: 0.000 min  
Response: 293417  
Conc: 433.89 ng/ml



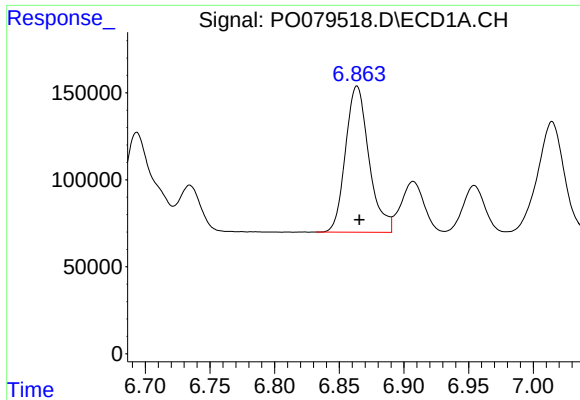
#22 AR-1248-2

R.T.: 6.645 min  
Delta R.T.: -0.001 min  
Response: 909114  
Conc: 489.02 ng/ml



#22 AR-1248-2

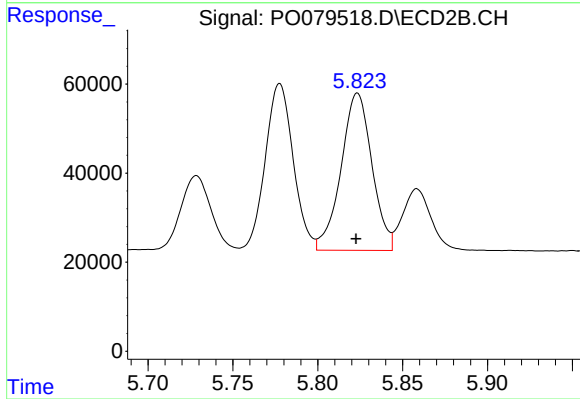
R.T.: 5.778 min  
Delta R.T.: 0.001 min  
Response: 429155  
Conc: 450.20 ng/ml



#23 AR-1248-3

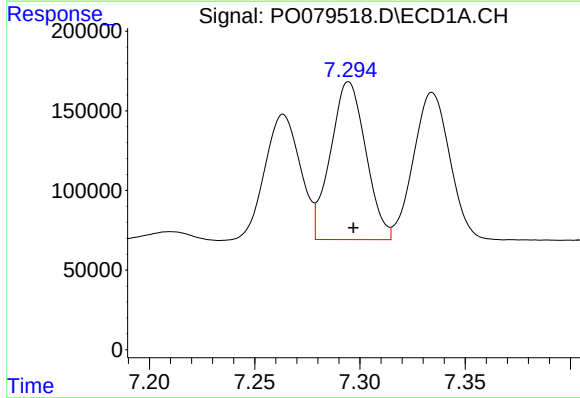
R.T.: 6.864 min  
Delta R.T.: -0.002 min  
Response: 1061404  
Conc: 501.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



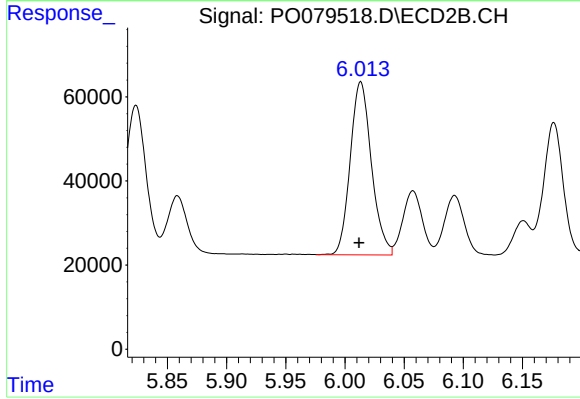
#23 AR-1248-3

R.T.: 5.823 min  
Delta R.T.: 0.000 min  
Response: 448137  
Conc: 458.90 ng/ml



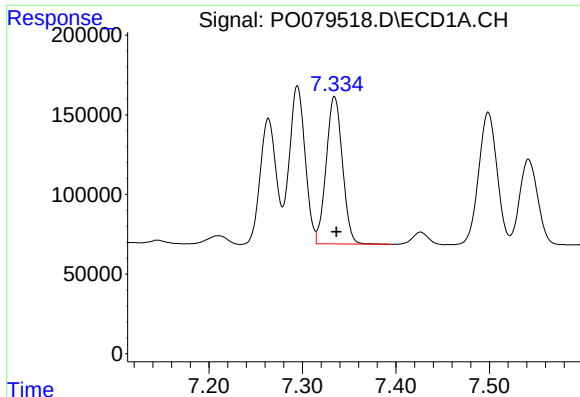
#24 AR-1248-4

R.T.: 7.295 min  
Delta R.T.: -0.002 min  
Response: 1155592  
Conc: 475.26 ng/ml



#24 AR-1248-4

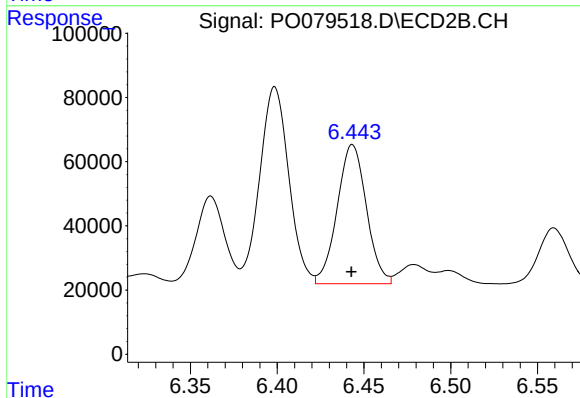
R.T.: 6.013 min  
Delta R.T.: 0.001 min  
Response: 512706  
Conc: 443.42 ng/ml



#25 AR-1248-5

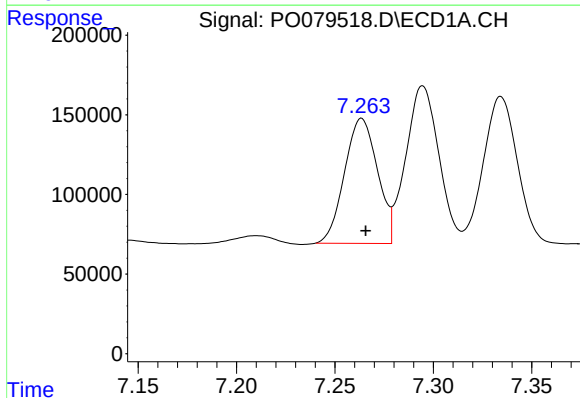
R.T.: 7.334 min  
Delta R.T.: -0.002 min  
Response: 1117859  
Conc: 470.99 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



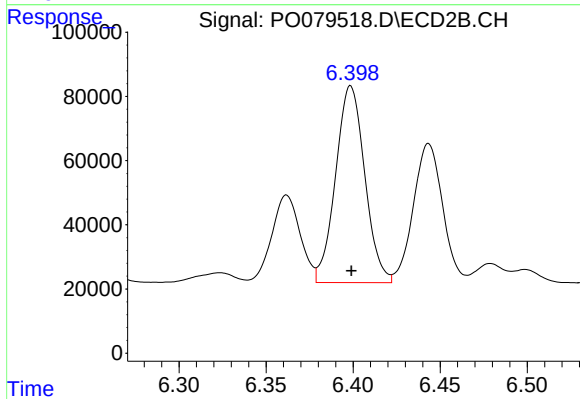
#25 AR-1248-5

R.T.: 6.443 min  
Delta R.T.: 0.000 min  
Response: 508350  
Conc: 458.72 ng/ml



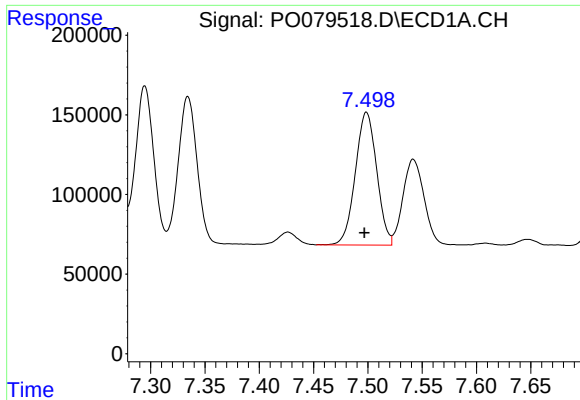
#26 AR-1254-1

R.T.: 7.264 min  
Delta R.T.: -0.002 min  
Response: 915136  
Conc: 396.17 ng/ml



#26 AR-1254-1

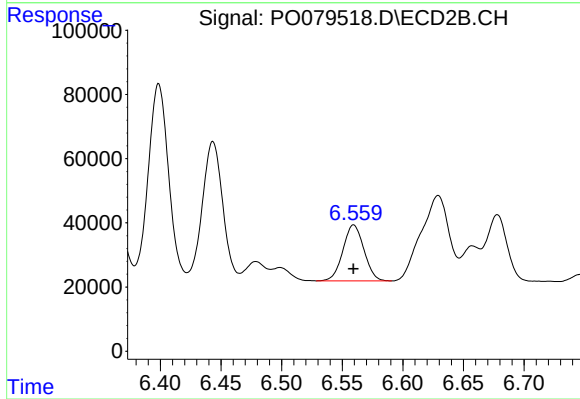
R.T.: 6.399 min  
Delta R.T.: 0.000 min  
Response: 715478  
Conc: 425.81 ng/ml



#27 AR-1254-2

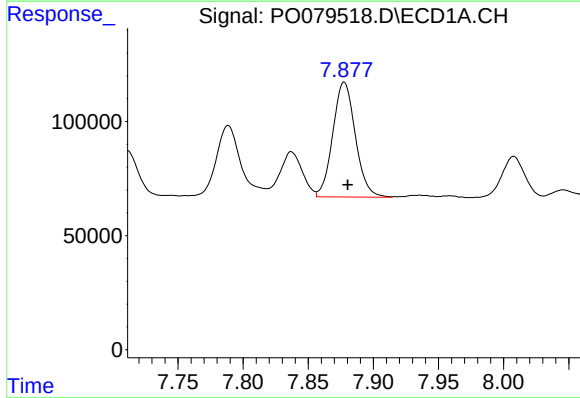
R.T.: 7.499 min  
Delta R.T.: 0.002 min  
Response: 1143100  
Conc: 317.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



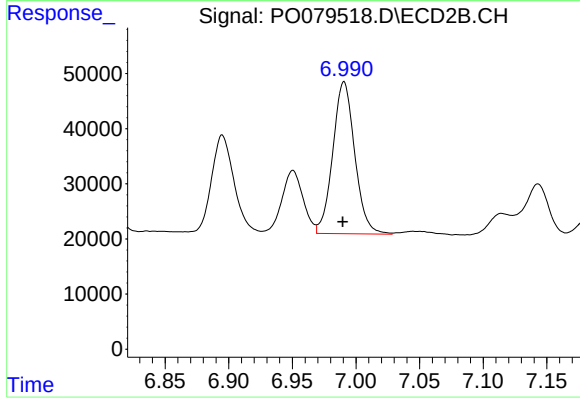
#27 AR-1254-2

R.T.: 6.559 min  
Delta R.T.: 0.000 min  
Response: 210144  
Conc: 142.00 ng/ml



#28 AR-1254-3

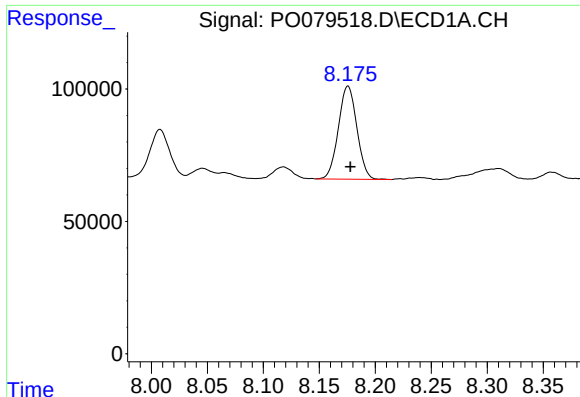
R.T.: 7.878 min  
Delta R.T.: -0.003 min  
Response: 607929  
Conc: 161.65 ng/ml



#28 AR-1254-3

R.T.: 6.991 min  
Delta R.T.: 0.001 min  
Response: 330938  
Conc: 141.62 ng/ml

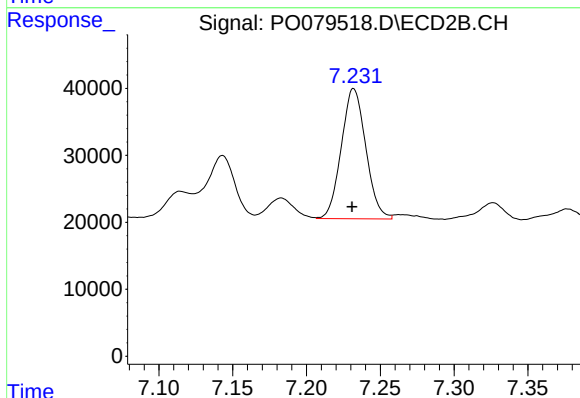




#29 AR-1254-4

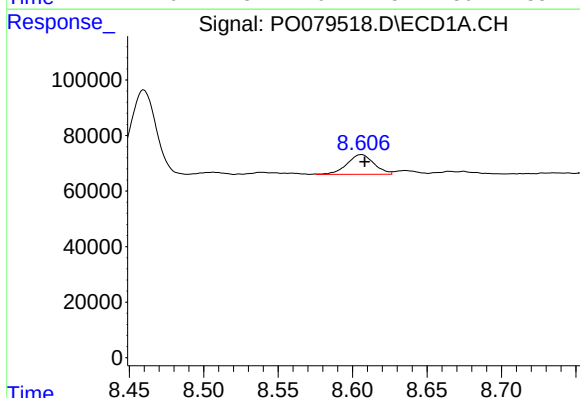
R.T.: 8.176 min  
Delta R.T.: -0.002 min  
Response: 404572  
Conc: 149.13 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



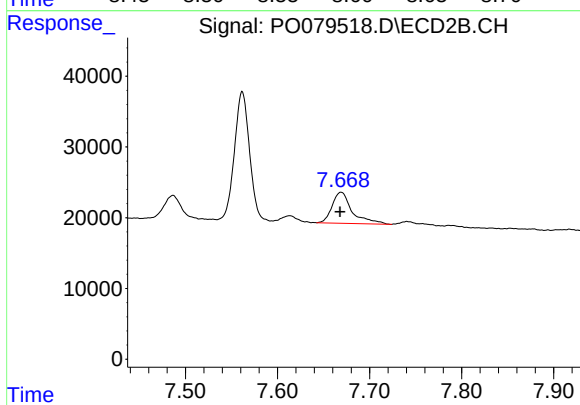
#29 AR-1254-4

R.T.: 7.232 min  
Delta R.T.: 0.001 min  
Response: 224927  
Conc: 153.47 ng/ml



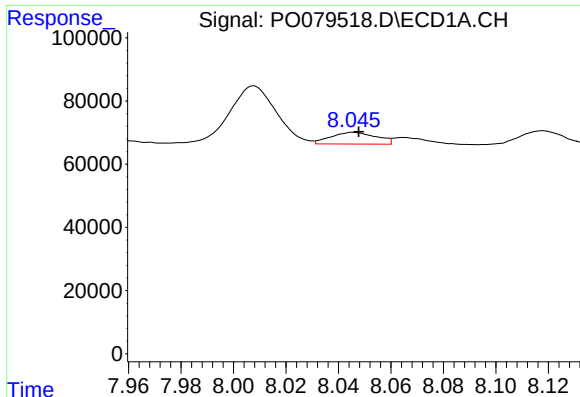
#30 AR-1254-5

R.T.: 8.606 min  
Delta R.T.: -0.002 min  
Response: 88846  
Conc: 32.06 ng/ml



#30 AR-1254-5

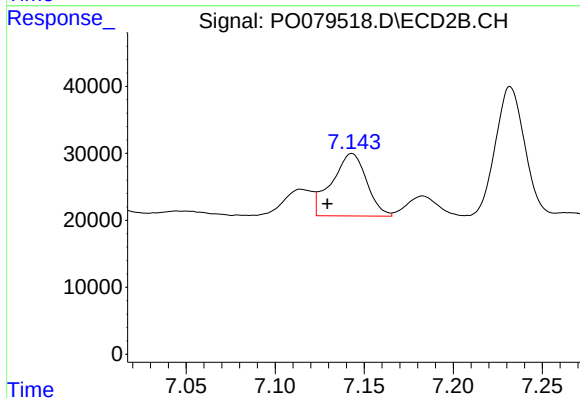
R.T.: 7.669 min  
Delta R.T.: 0.001 min  
Response: 66585  
Conc: 33.40 ng/ml



#31 AR-1260-1

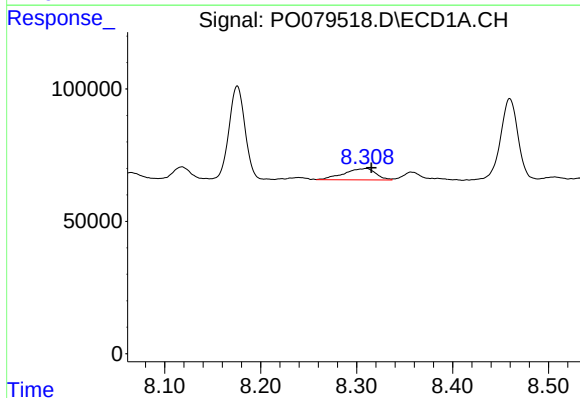
R.T.: 8.046 min  
Delta R.T.: -0.002 min  
Response: 45025  
Conc: 17.21 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



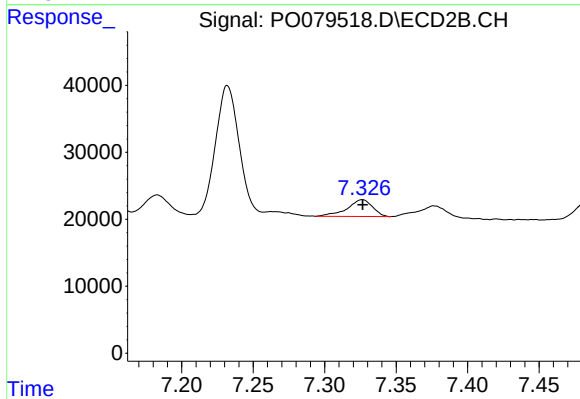
#31 AR-1260-1

R.T.: 7.143 min  
Delta R.T.: 0.014 min  
Response: 127195  
Conc: 81.78 ng/ml



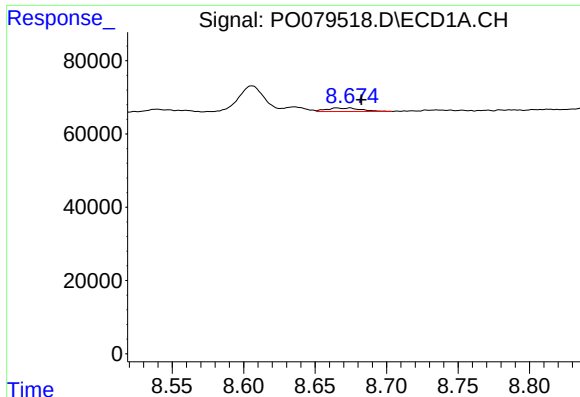
#32 AR-1260-2

R.T.: 8.310 min  
Delta R.T.: -0.005 min  
Response: 99467  
Conc: 31.58 ng/ml



#32 AR-1260-2

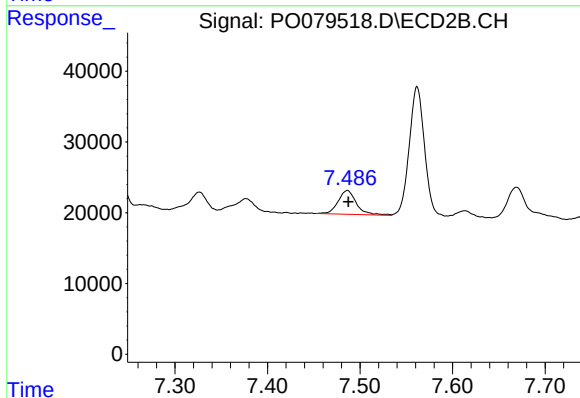
R.T.: 7.326 min  
Delta R.T.: 0.000 min  
Response: 31127  
Conc: 16.49 ng/ml



#33 AR-1260-3

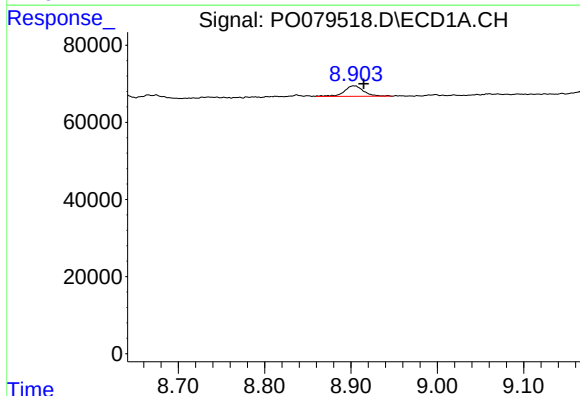
R.T.: 8.674 min  
Delta R.T.: -0.008 min  
Response: 15864  
Conc: 6.90 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



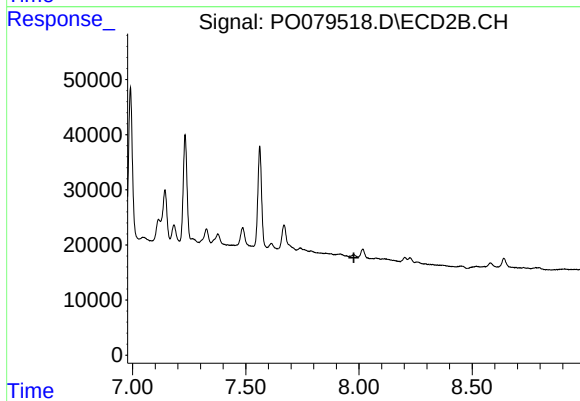
#33 AR-1260-3

R.T.: 7.486 min  
Delta R.T.: -0.001 min  
Response: 46319  
Conc: 25.88 ng/ml



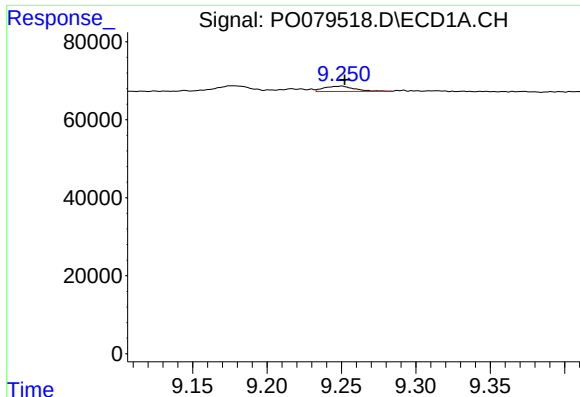
#34 AR-1260-4

R.T.: 8.904 min  
Delta R.T.: -0.011 min  
Response: 42554  
Conc: 15.98 ng/ml



#34 AR-1260-4

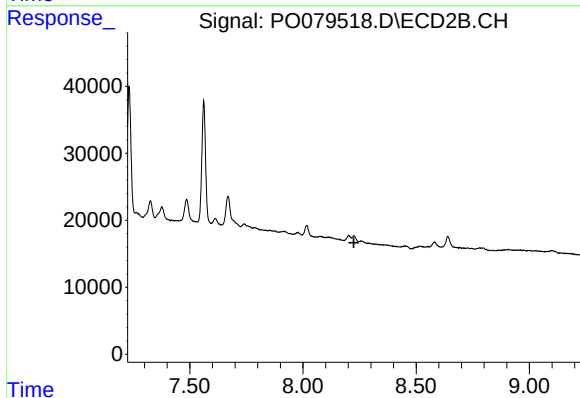
R.T.: 0.000 min  
Exp R.T. : 7.977 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

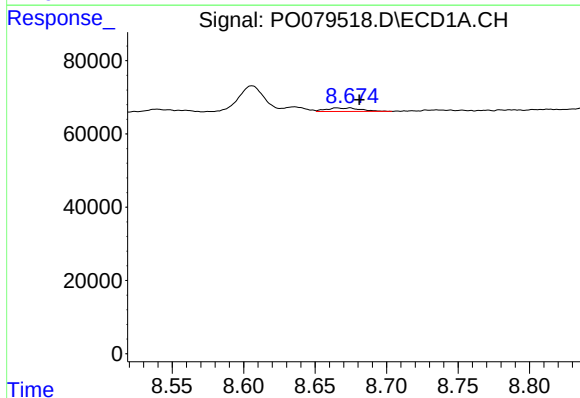
R.T.: 9.250 min  
Delta R.T.: -0.002 min  
Response: 19463  
Conc: 3.69 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



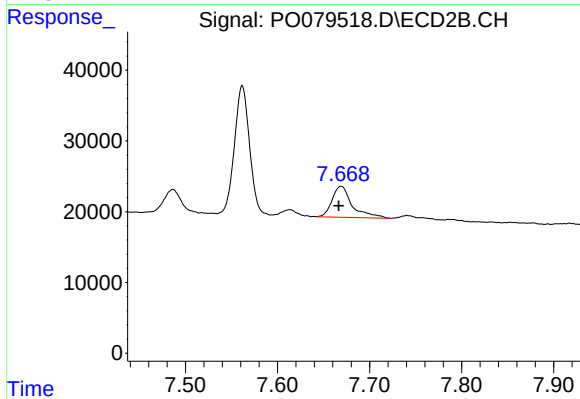
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 8.225 min  
Response: 0  
Conc: N.D.



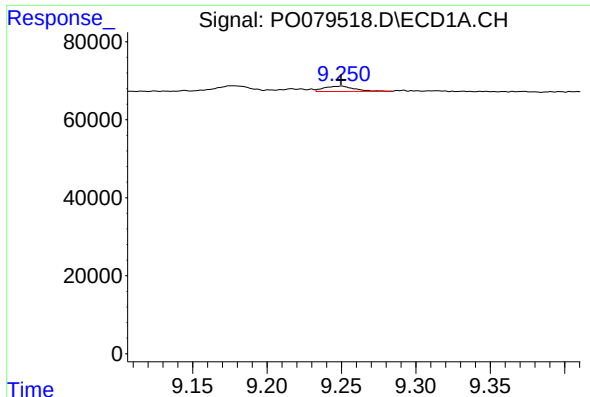
#36 AR-1262-1

R.T.: 8.674 min  
Delta R.T.: -0.007 min  
Response: 15864  
Conc: 4.51 ng/ml



#36 AR-1262-1

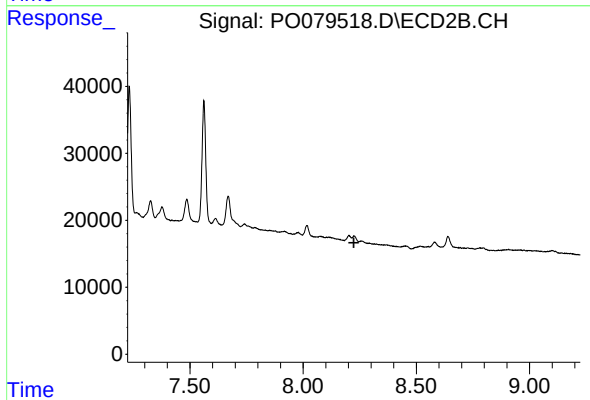
R.T.: 7.669 min  
Delta R.T.: 0.002 min  
Response: 66585  
Conc: 59.23 ng/ml



#37 AR-1262-2

R.T.: 9.250 min  
Delta R.T.: 0.000 min  
Response: 19463  
Conc: 3.15 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 8.224 min  
Response: 0  
Conc: N.D.