

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0091021\  
 Data File : P0081143.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 11 Sep 2021 21:26  
 Operator : DD\AJ  
 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: Sep 13 01:45:33 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0090221.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Sep 03 07:15:29 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... | 4.926  | 4.052  | 3993149 | 1195796 | 50.583   | 48.389     |
| 2)                          | SA Decachlor... | 10.988 | 9.412  | 2926628 | 1145793 | 49.290   | 49.083     |
|                             |                 |        |        |         |         |          |            |
| Target Compounds            |                 |        |        |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 6.258  | 5.322  | 36499   | 5161    | 12.870   | 5.350 #    |
| 4)                          | L1 AR-1016-2    | 6.285  | 5.322f | 40498   | 5161    | 10.150   | 3.858 #    |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.589  | 0       | 316115  | N.D.     | 525.886 #  |
| 7)                          | L1 AR-1016-5    | 6.771  | 5.822  | 534997  | 148988  | 272.526  | 197.923 #  |
| 9)                          | L2 AR-1221-2    | 5.280  | 4.410  | 53438   | 16812   | 72.693   | 68.199     |
| 12)                         | L3 AR-1232-2    | 0.000  | 5.322f | 0       | 5161    | N.D.     | 8.419 #    |
| 13)                         | L3 AR-1232-3    | 6.285  | 0.000  | 40498   | 0       | 22.375   | N.D. #     |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.633  | 0       | 97623   | N.D.     | 323.702 #  |
| 15)                         | L3 AR-1232-5    | 6.553  | 5.822  | 940641  | 148988  | 1404.236 | 447.805 #  |
| 16)                         | L4 AR-1242-1    | 6.258  | 5.322  | 36499   | 5161    | 16.677   | 6.928 #    |
| 17)                         | L4 AR-1242-2    | 6.285  | 5.322f | 40498   | 5161    | 13.240   | 5.059 #    |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.633  | 0       | 97623   | N.D.     | 172.555 #  |
| 20)                         | L4 AR-1242-5    | 7.244  | 6.203  | 554637  | 763022  | 346.182  | 1053.539 # |
| 21)                         | L5 AR-1248-1    | 6.258  | 5.322  | 36499   | 5161    | 21.154   | 8.717 #    |
| 22)                         | L5 AR-1248-2    | 6.553  | 5.589  | 940641  | 316115  | 422.935  | 380.604    |
| 23)                         | L5 AR-1248-3    | 6.771  | 5.633  | 534997  | 97623   | 202.157  | 115.023 #  |
| 24)                         | L5 AR-1248-4    | 7.202  | 5.822  | 861088  | 148988  | 298.973  | 150.692 #  |
| 25)                         | L5 AR-1248-5    | 7.244  | 6.246  | 554637  | 99455   | 201.678  | 109.698 #  |
| 26)                         | L6 AR-1254-1    | 7.172  | 6.203  | 1807303 | 763022  | 559.228  | 482.351    |
| 27)                         | L6 AR-1254-2    | 7.402  | 6.363  | 2498232 | 683604  | 501.960  | 472.831    |
| 28)                         | L6 AR-1254-3    | 7.785  | 6.788  | 2640901 | 1037367 | 522.293  | 463.671    |
| 29)                         | L6 AR-1254-4    | 8.083  | 7.028  | 1907140 | 674937  | 510.333  | 476.793    |
| 30)                         | L6 AR-1254-5    | 8.513  | 7.461  | 2020444 | 989681  | 488.434  | 469.058    |
| 31)                         | L7 AR-1260-1    | 7.952  | 6.925  | 1067454 | 563968  | 307.089  | 384.281 #  |
| 32)                         | L7 AR-1260-2    | 8.220  | 7.122  | 1339754 | 486319  | 300.616  | 277.057    |
| 33)                         | L7 AR-1260-3    | 8.574f | 7.278  | 257455  | 497691  | 98.108   | 271.861 #  |
| 34)                         | L7 AR-1260-4    | 8.811  | 7.765  | 795136  | 58975   | 248.399  | 49.920 #   |
| 35)                         | L7 AR-1260-5    | 9.147  | 8.014  | 290015  | 123661  | 48.444   | 43.685     |
| 36)                         | L8 AR-1262-1    | 8.574f | 7.461  | 257455  | 989681  | 57.777   | 931.817 #  |
| 37)                         | L8 AR-1262-2    | 9.147  | 8.014  | 290015  | 123661  | 37.846   | 37.573     |
| 38)                         | L8 AR-1262-3    | 9.483f | 0.000  | 259361  | 0       | 76.091   | N.D. #     |
| 39)                         | L8 AR-1262-4    | 0.000  | 8.365  | 0       | 120497  | N.D.     | 50.794 #   |
| 41)                         | L9 AR-1268-1    | 9.483f | 0.000  | 259361  | 0       | 28.099   | N.D. #     |
| 42)                         | L9 AR-1268-2    | 0.000  | 8.365  | 0       | 120497  | N.D.     | 35.502 #   |
| -----                       |                 |        |        |         |         |          |            |

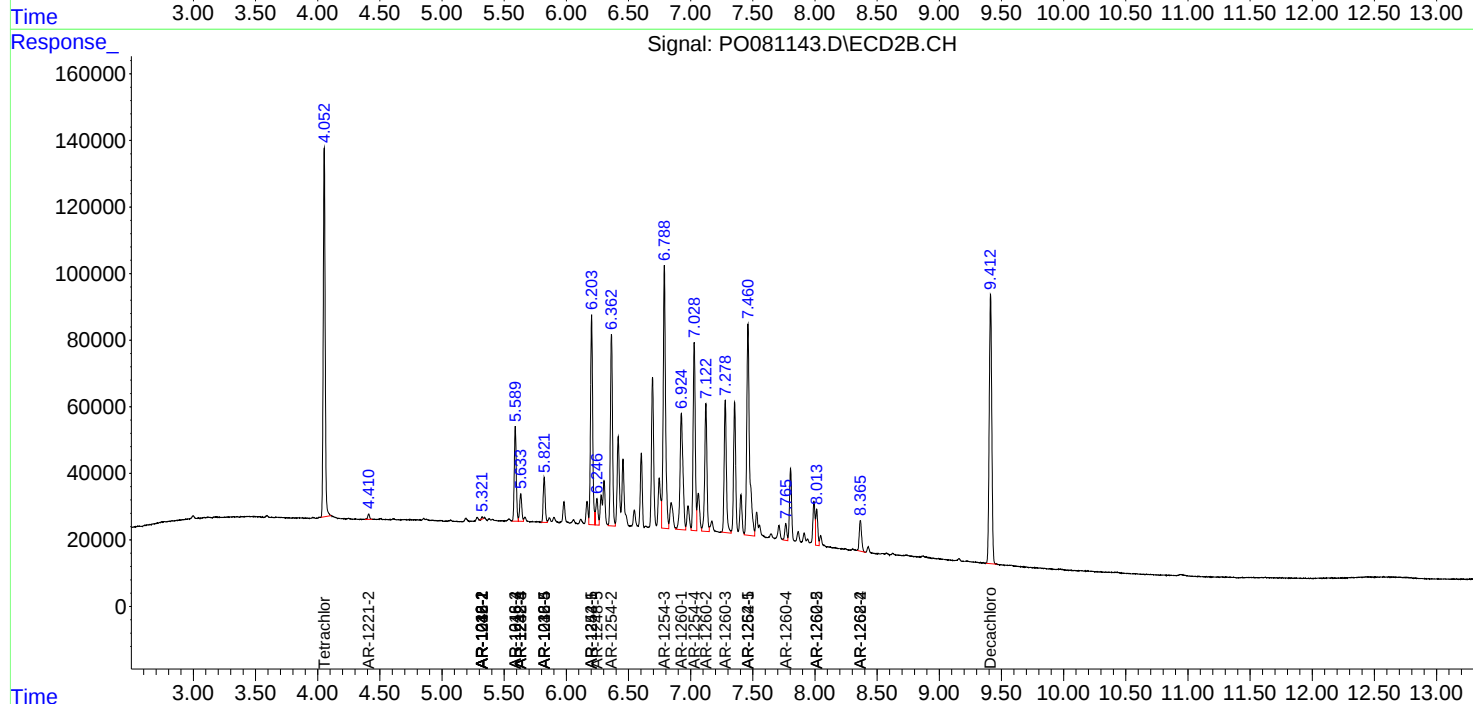
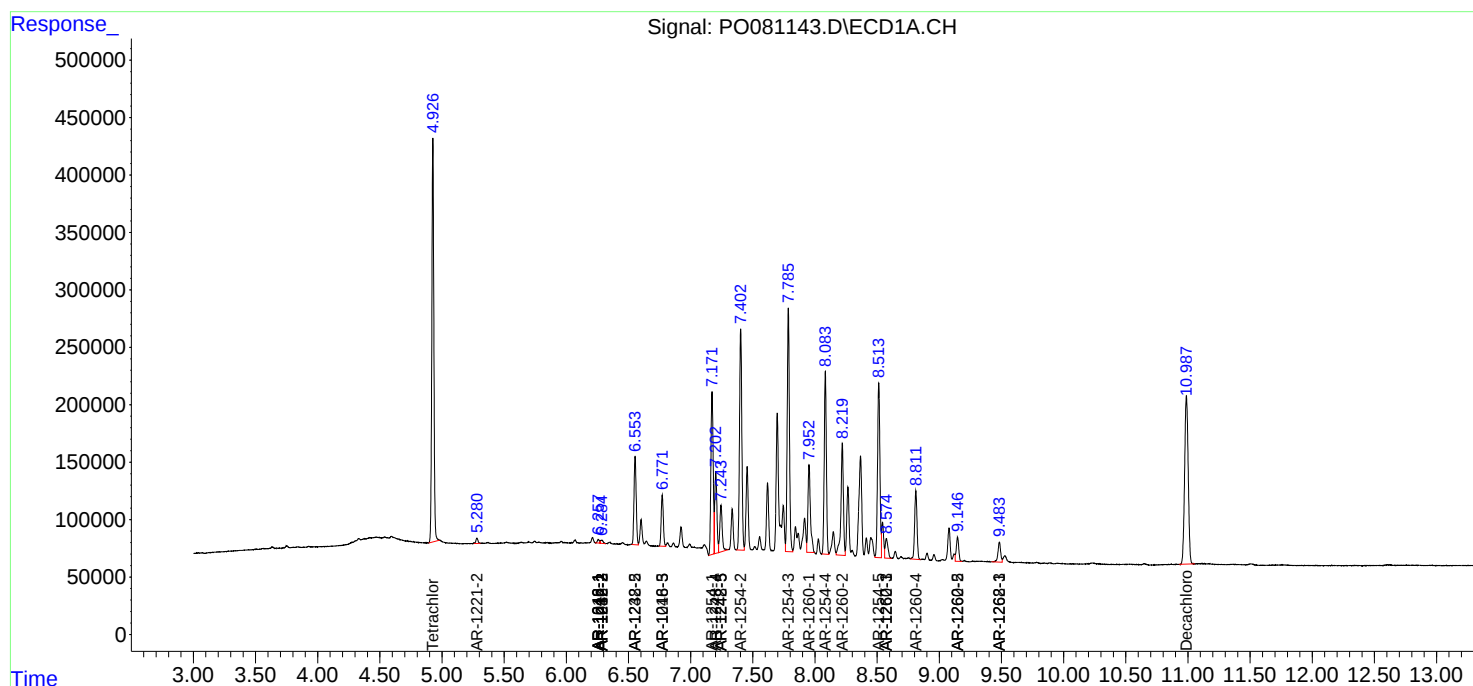
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

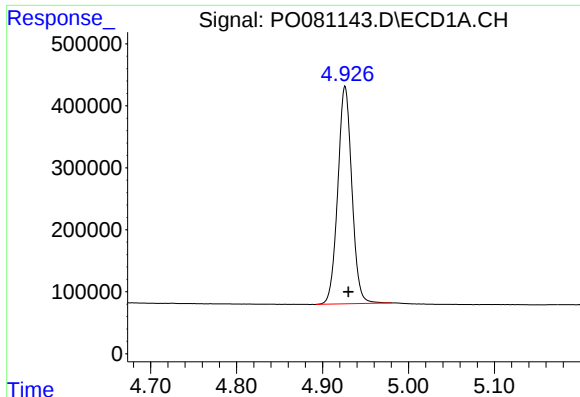
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0091021\  
Data File : P0081143.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 11 Sep 2021 21:26  
Operator : DD\AJ  
Sample : AR1254CCC500  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 13 01:45:33 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0090221.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Sep 03 07:15:29 2021  
Response via : Initial Calibration  
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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

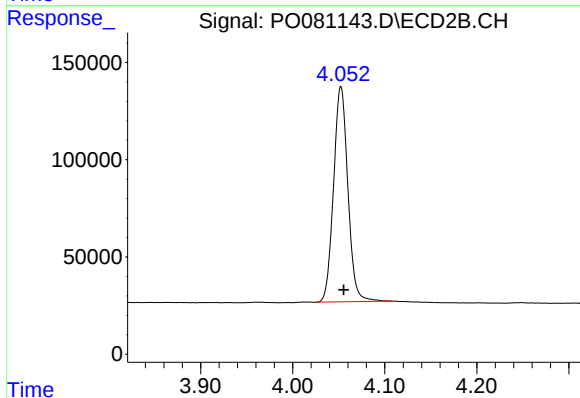




#1 Tetrachloro-m-xylene

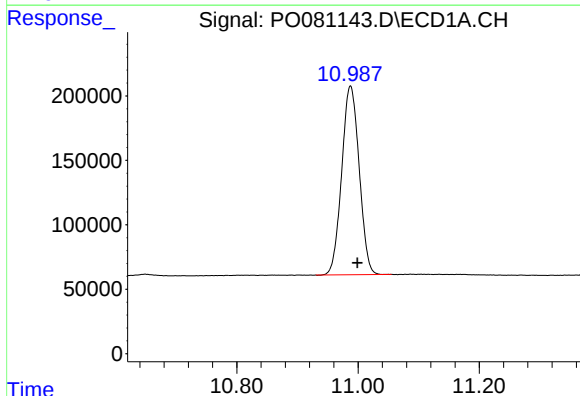
R.T.: 4.926 min  
Delta R.T.: -0.004 min  
Response: 3993149  
Conc: 50.58 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



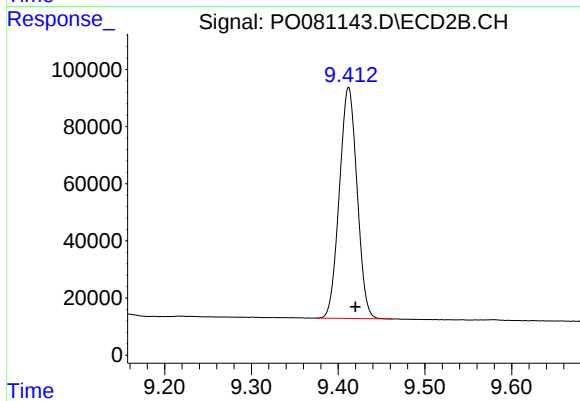
#1 Tetrachloro-m-xylene

R.T.: 4.052 min  
Delta R.T.: -0.003 min  
Response: 1195796  
Conc: 48.39 ng/ml



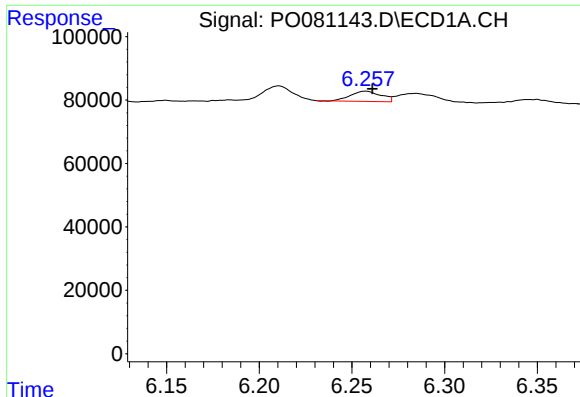
#2 Decachlorobiphenyl

R.T.: 10.988 min  
Delta R.T.: -0.011 min  
Response: 2926628  
Conc: 49.29 ng/ml



#2 Decachlorobiphenyl

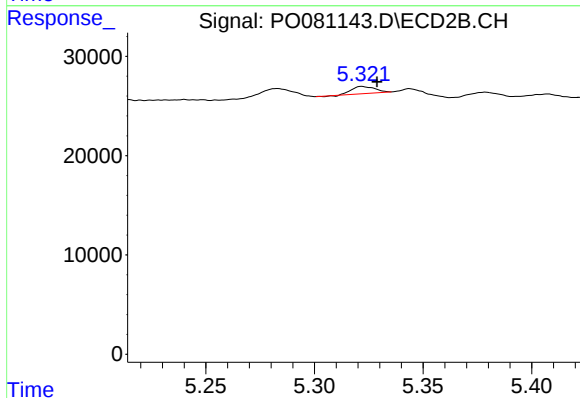
R.T.: 9.412 min  
Delta R.T.: -0.008 min  
Response: 1145793  
Conc: 49.08 ng/ml



#3 AR-1016-1

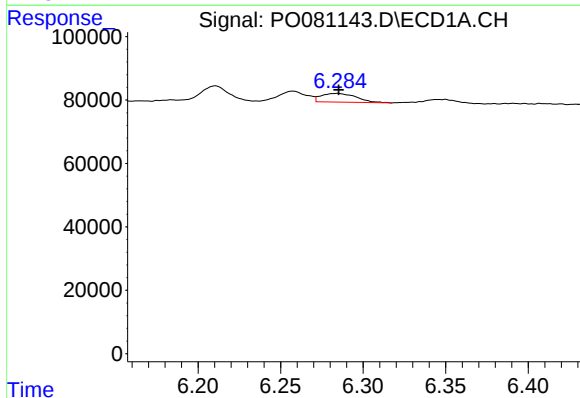
R.T.: 6.258 min  
Delta R.T.: -0.003 min  
Response: 36499  
Conc: 12.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



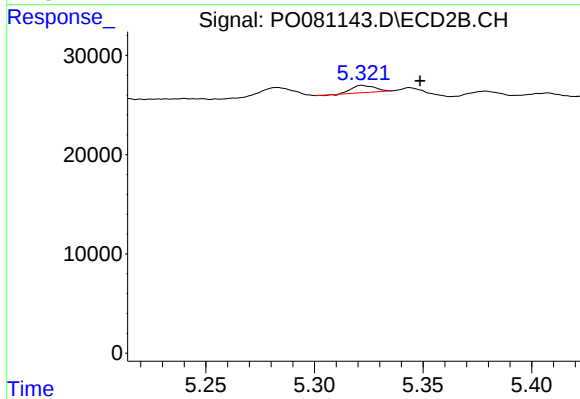
#3 AR-1016-1

R.T.: 5.322 min  
Delta R.T.: -0.007 min  
Response: 5161  
Conc: 5.35 ng/ml



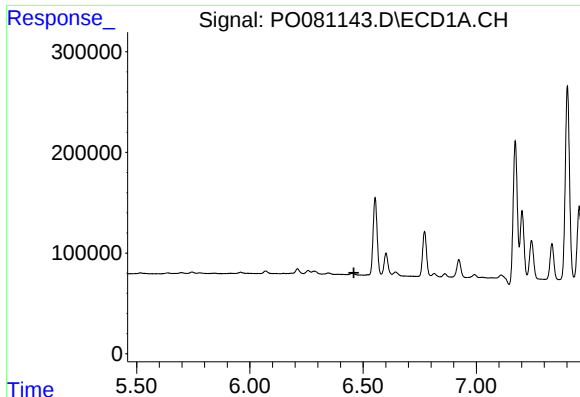
#4 AR-1016-2

R.T.: 6.285 min  
Delta R.T.: 0.000 min  
Response: 40498  
Conc: 10.15 ng/ml



#4 AR-1016-2

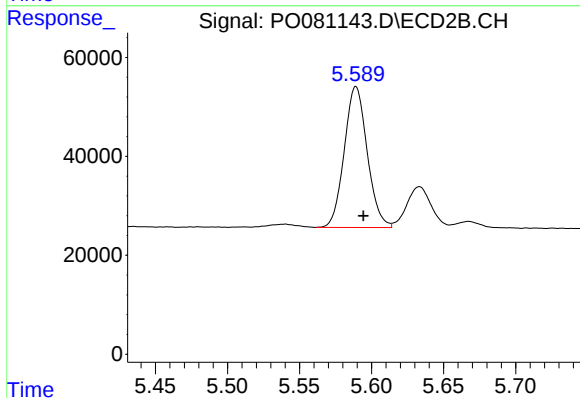
R.T.: 5.322 min  
Delta R.T.: -0.027 min  
Response: 5161  
Conc: 3.86 ng/ml



#6 AR-1016-4

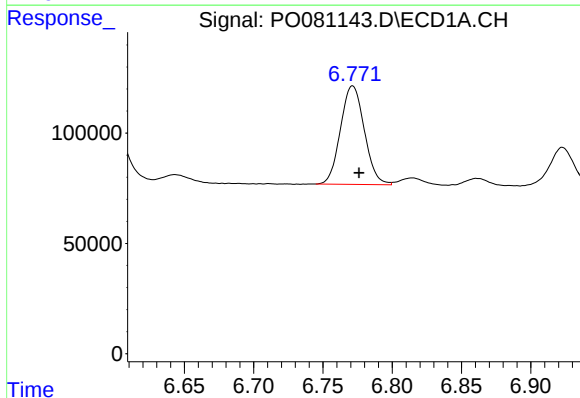
R.T.: 0.000 min  
Exp R.T.: 6.459 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



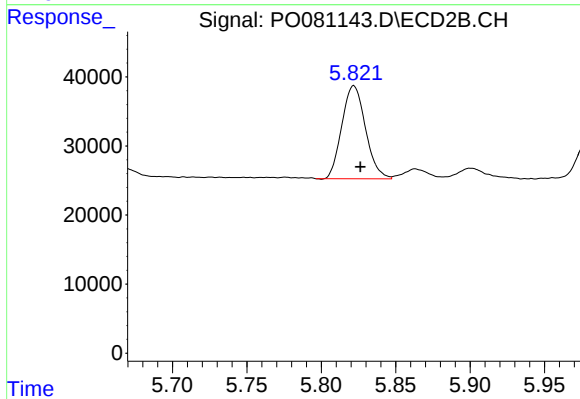
#6 AR-1016-4

R.T.: 5.589 min  
Delta R.T.: -0.005 min  
Response: 316115  
Conc: 525.89 ng/ml



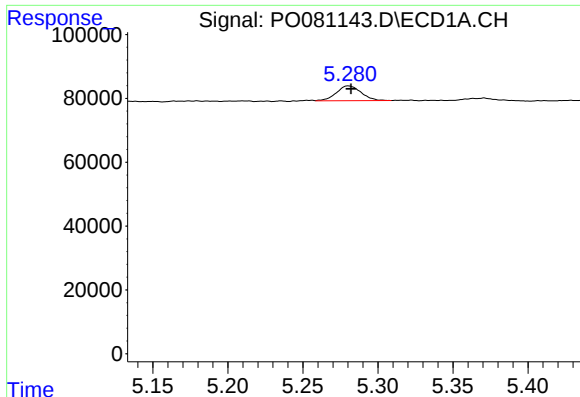
#7 AR-1016-5

R.T.: 6.771 min  
Delta R.T.: -0.005 min  
Response: 534997  
Conc: 272.53 ng/ml



#7 AR-1016-5

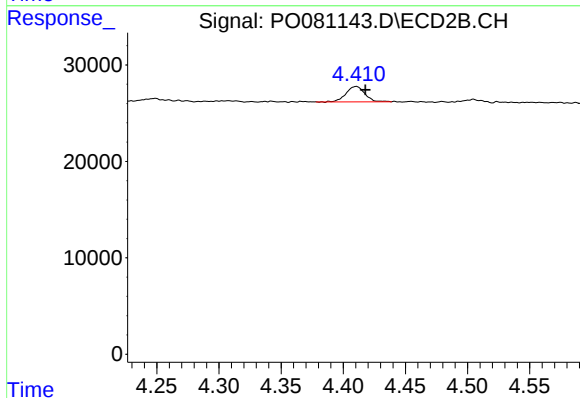
R.T.: 5.822 min  
Delta R.T.: -0.004 min  
Response: 148988  
Conc: 197.92 ng/ml



#9 AR-1221-2

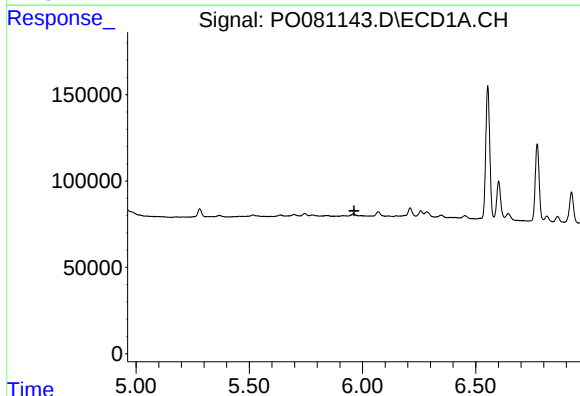
R.T.: 5.280 min  
Delta R.T.: -0.002 min  
Response: 53438  
Conc: 72.69 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



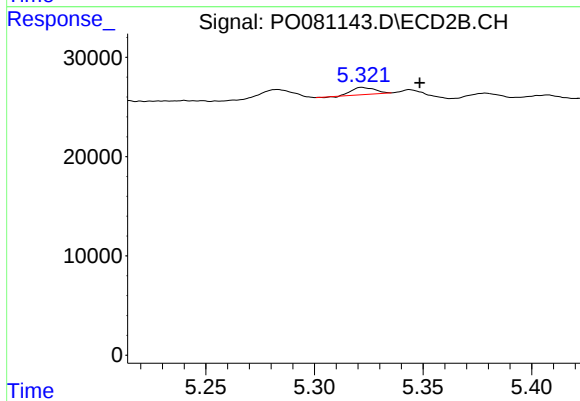
#9 AR-1221-2

R.T.: 4.410 min  
Delta R.T.: -0.007 min  
Response: 16812  
Conc: 68.20 ng/ml



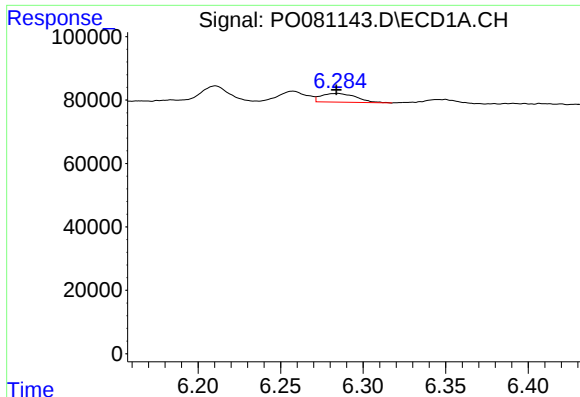
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.962 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

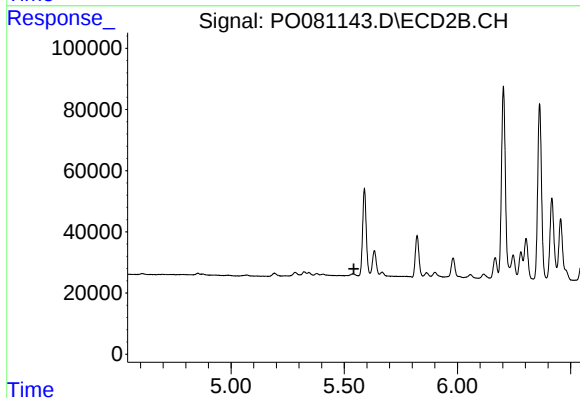
R.T.: 5.322 min  
Delta R.T.: -0.026 min  
Response: 5161  
Conc: 8.42 ng/ml



#13 AR-1232-3

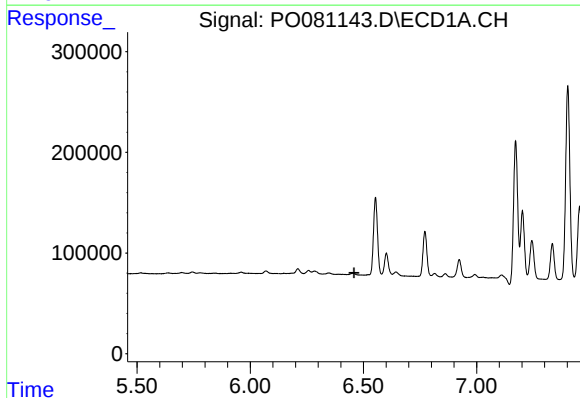
R.T.: 6.285 min  
Delta R.T.: 0.001 min  
Response: 40498  
Conc: 22.37 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



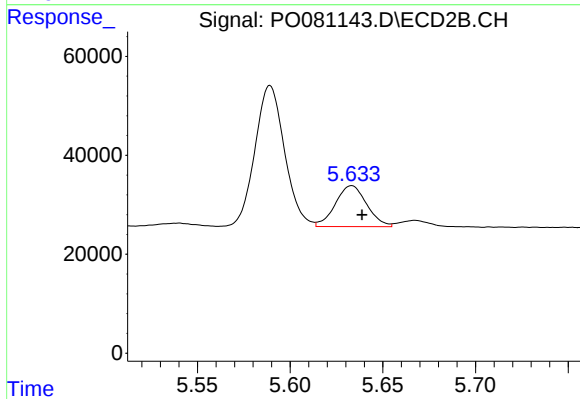
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.543 min  
Response: 0  
Conc: N.D.



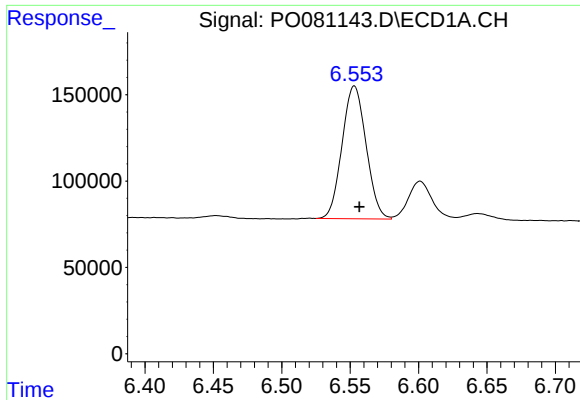
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 6.458 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

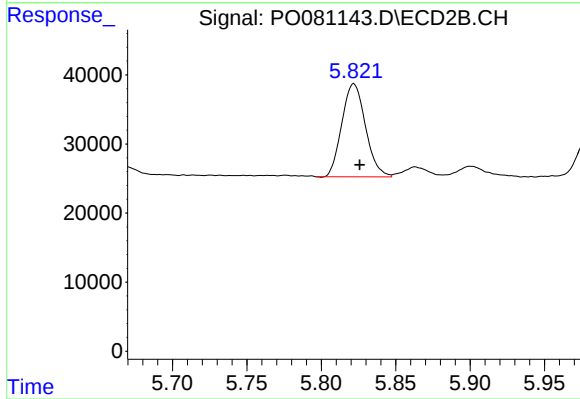
R.T.: 5.633 min  
Delta R.T.: -0.006 min  
Response: 97623  
Conc: 323.70 ng/ml



#15 AR-1232-5

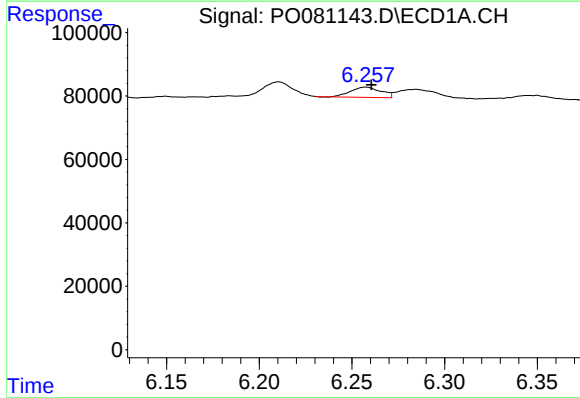
R.T.: 6.553 min  
Delta R.T.: -0.004 min  
Response: 940641  
Conc: 1404.24 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



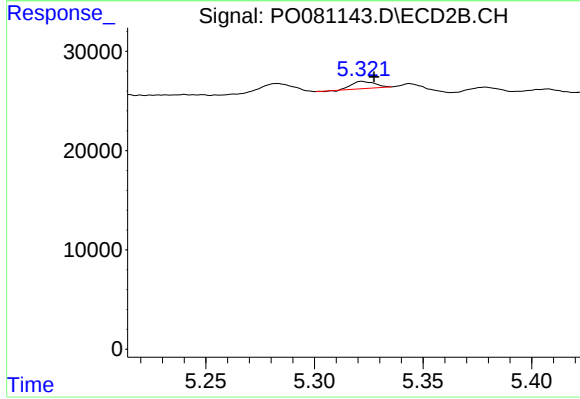
#15 AR-1232-5

R.T.: 5.822 min  
Delta R.T.: -0.004 min  
Response: 148988  
Conc: 447.81 ng/ml



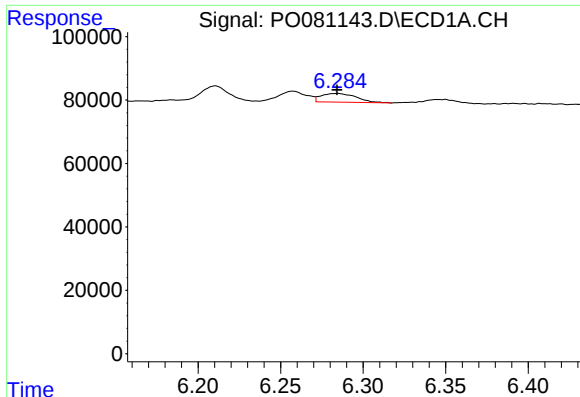
#16 AR-1242-1

R.T.: 6.258 min  
Delta R.T.: -0.003 min  
Response: 36499  
Conc: 16.68 ng/ml



#16 AR-1242-1

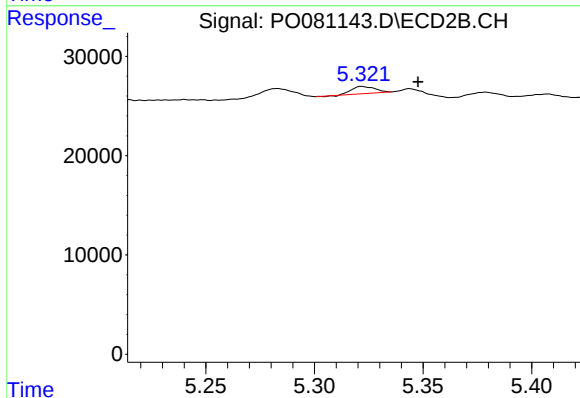
R.T.: 5.322 min  
Delta R.T.: -0.005 min  
Response: 5161  
Conc: 6.93 ng/ml



#17 AR-1242-2

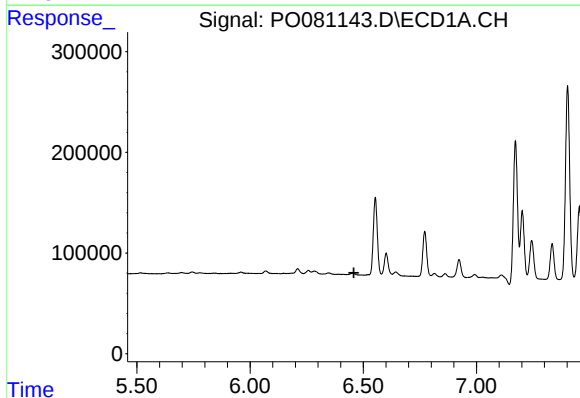
R.T.: 6.285 min  
Delta R.T.: 0.000 min  
Response: 40498  
Conc: 13.24 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



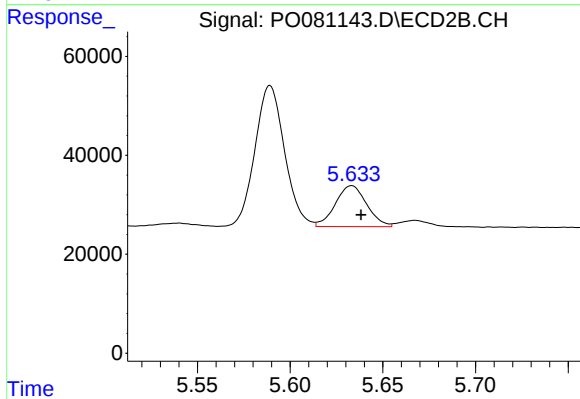
#17 AR-1242-2

R.T.: 5.322 min  
Delta R.T.: -0.026 min  
Response: 5161  
Conc: 5.06 ng/ml



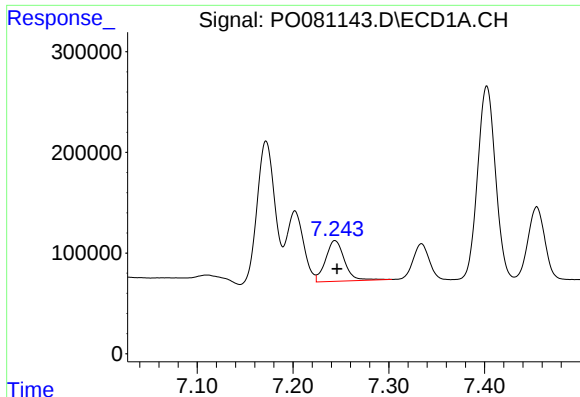
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 6.458 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

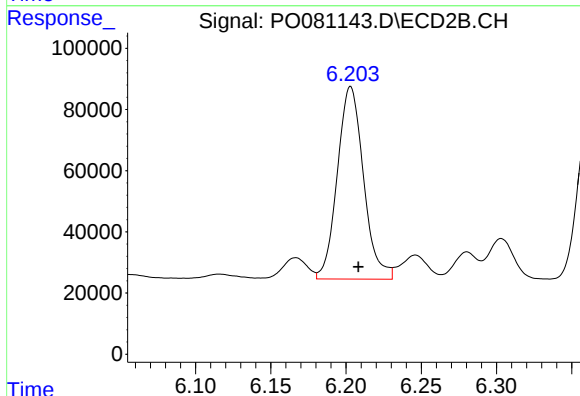
R.T.: 5.633 min  
Delta R.T.: -0.005 min  
Response: 97623  
Conc: 172.56 ng/ml



#20 AR-1242-5

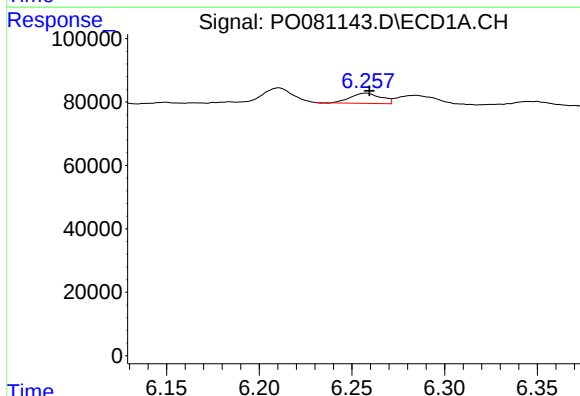
R.T.: 7.244 min  
Delta R.T.: -0.002 min  
Response: 554637  
Conc: 346.18 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



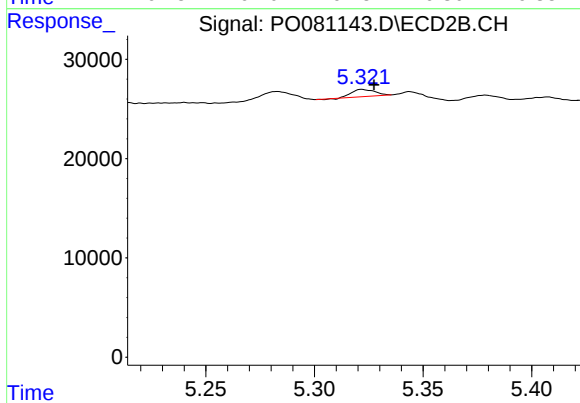
#20 AR-1242-5

R.T.: 6.203 min  
Delta R.T.: -0.005 min  
Response: 763022  
Conc: 1053.54 ng/ml



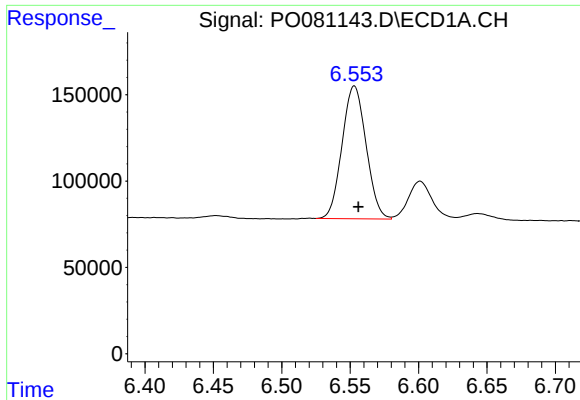
#21 AR-1248-1

R.T.: 6.258 min  
Delta R.T.: -0.002 min  
Response: 36499  
Conc: 21.15 ng/ml



#21 AR-1248-1

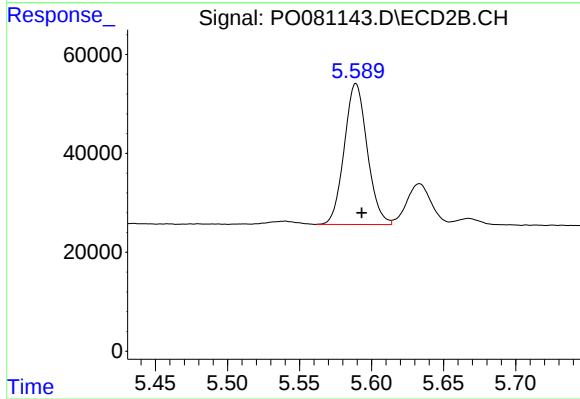
R.T.: 5.322 min  
Delta R.T.: -0.005 min  
Response: 5161  
Conc: 8.72 ng/ml



#22 AR-1248-2

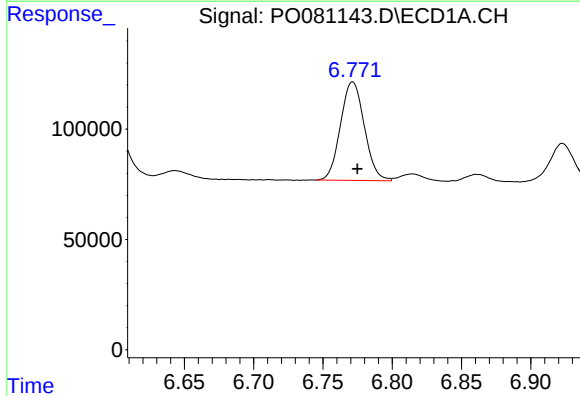
R.T.: 6.553 min  
Delta R.T.: -0.003 min  
Response: 940641  
Conc: 422.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



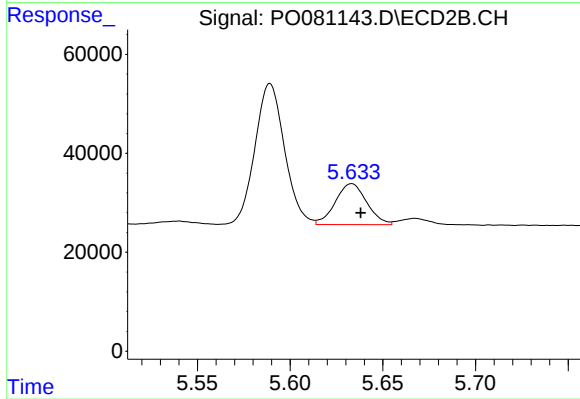
#22 AR-1248-2

R.T.: 5.589 min  
Delta R.T.: -0.004 min  
Response: 316115  
Conc: 380.60 ng/ml



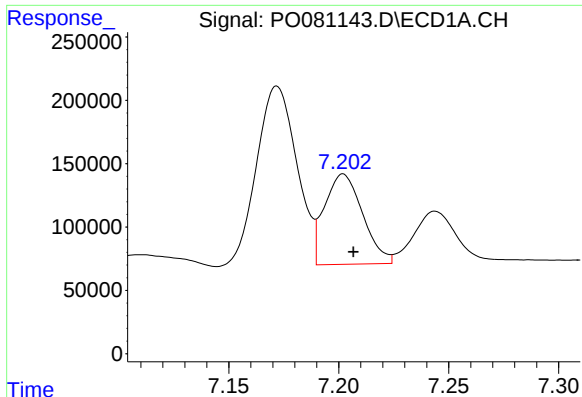
#23 AR-1248-3

R.T.: 6.771 min  
Delta R.T.: -0.003 min  
Response: 534997  
Conc: 202.16 ng/ml



#23 AR-1248-3

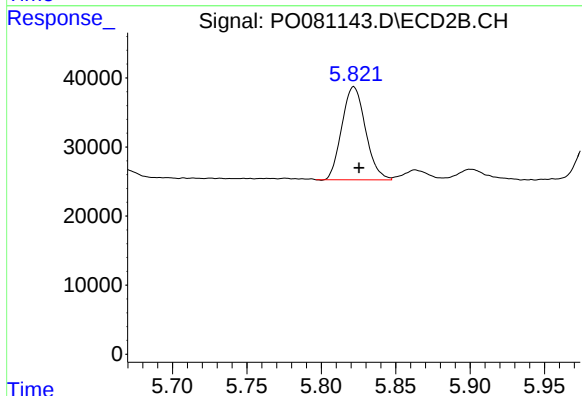
R.T.: 5.633 min  
Delta R.T.: -0.005 min  
Response: 97623  
Conc: 115.02 ng/ml



#24 AR-1248-4

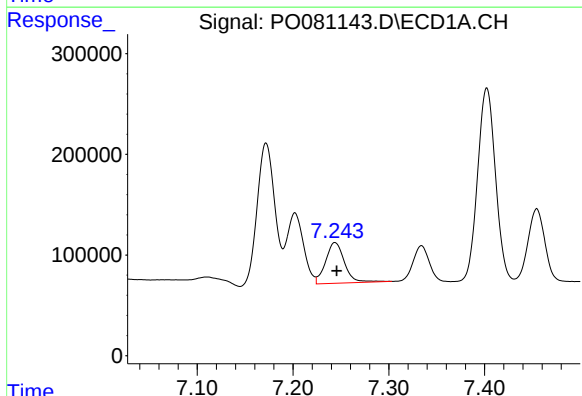
R.T.: 7.202 min  
Delta R.T.: -0.005 min  
Response: 861088  
Conc: 298.97 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



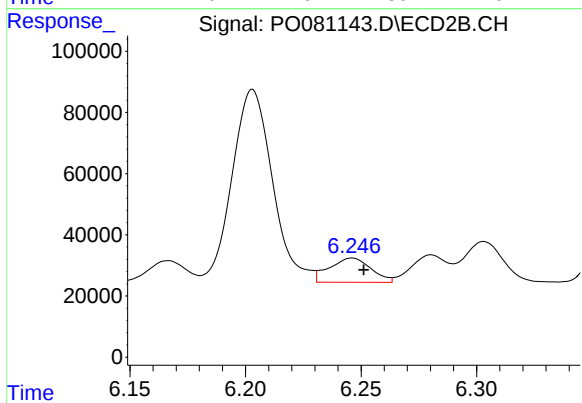
#24 AR-1248-4

R.T.: 5.822 min  
Delta R.T.: -0.003 min  
Response: 148988  
Conc: 150.69 ng/ml



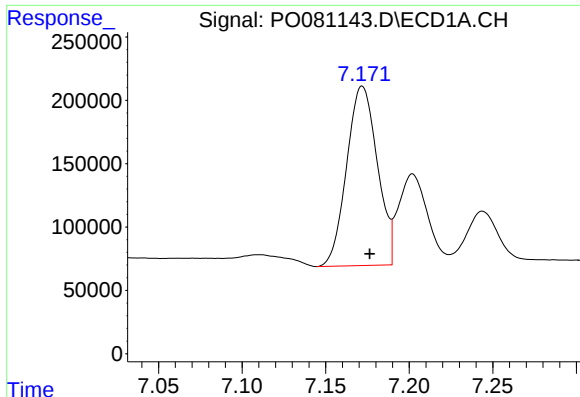
#25 AR-1248-5

R.T.: 7.244 min  
Delta R.T.: -0.002 min  
Response: 554637  
Conc: 201.68 ng/ml



#25 AR-1248-5

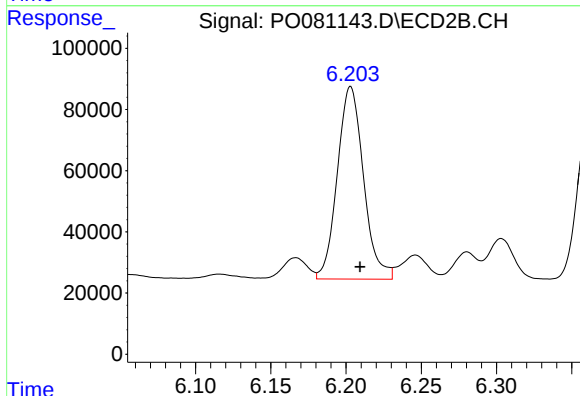
R.T.: 6.246 min  
Delta R.T.: -0.005 min  
Response: 99455  
Conc: 109.70 ng/ml



#26 AR-1254-1

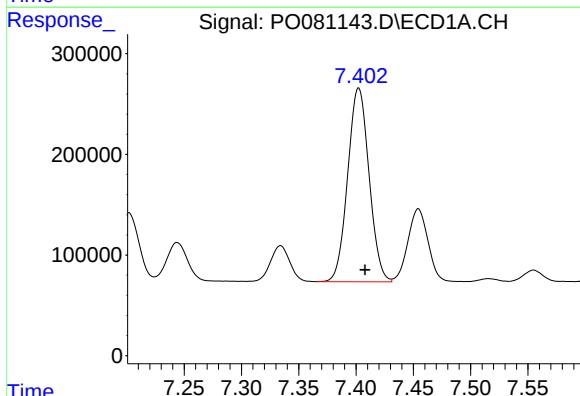
R.T.: 7.172 min  
Delta R.T.: -0.005 min  
Response: 1807303  
Conc: 559.23 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



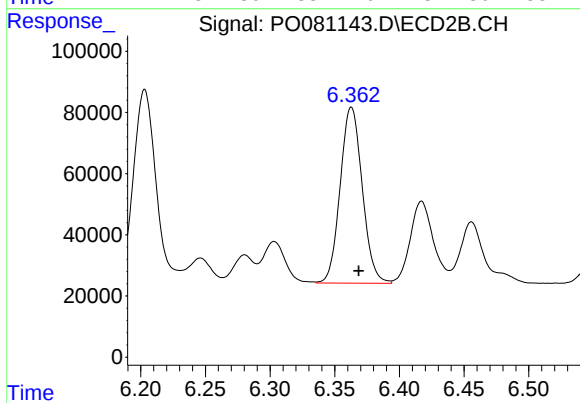
#26 AR-1254-1

R.T.: 6.203 min  
Delta R.T.: -0.006 min  
Response: 763022  
Conc: 482.35 ng/ml



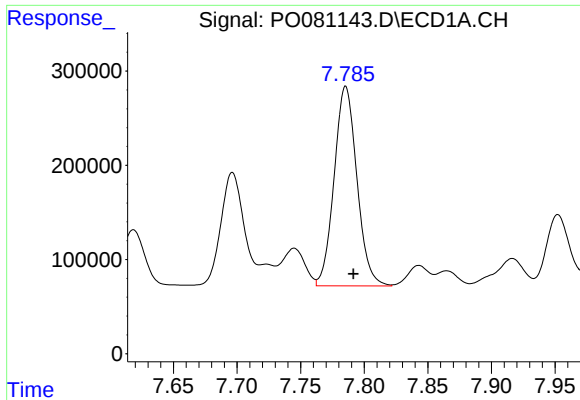
#27 AR-1254-2

R.T.: 7.402 min  
Delta R.T.: -0.005 min  
Response: 2498232  
Conc: 501.96 ng/ml



#27 AR-1254-2

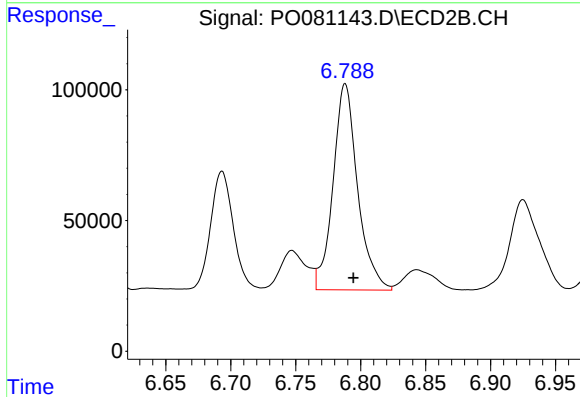
R.T.: 6.363 min  
Delta R.T.: -0.006 min  
Response: 683604  
Conc: 472.83 ng/ml



#28 AR-1254-3

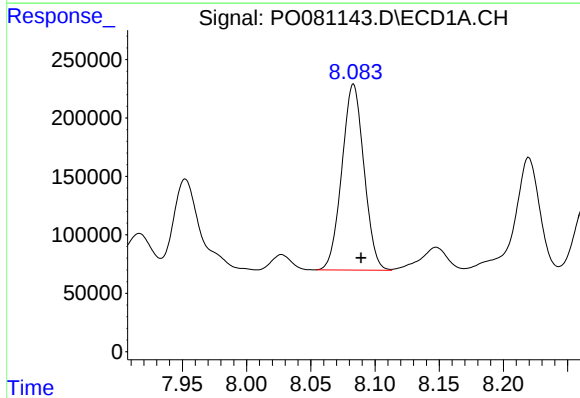
R.T.: 7.785 min  
Delta R.T.: -0.006 min  
Response: 2640901  
Conc: 522.29 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



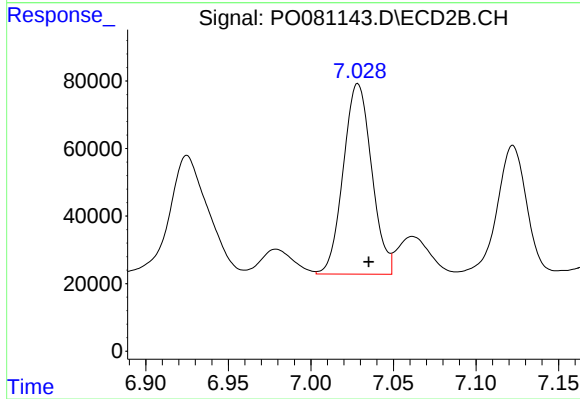
#28 AR-1254-3

R.T.: 6.788 min  
Delta R.T.: -0.006 min  
Response: 1037367  
Conc: 463.67 ng/ml



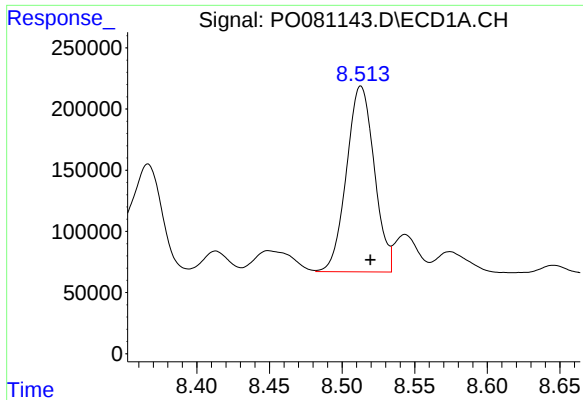
#29 AR-1254-4

R.T.: 8.083 min  
Delta R.T.: -0.006 min  
Response: 1907140  
Conc: 510.33 ng/ml



#29 AR-1254-4

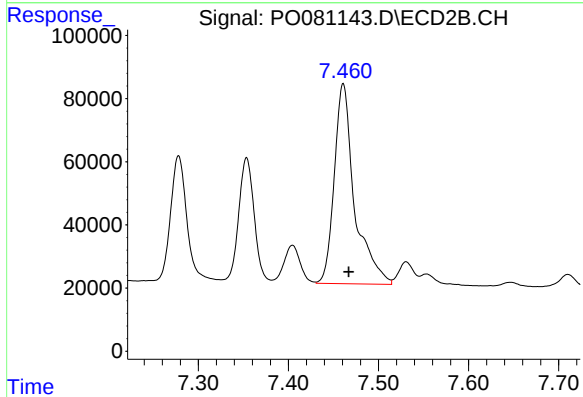
R.T.: 7.028 min  
Delta R.T.: -0.007 min  
Response: 674937  
Conc: 476.79 ng/ml



#30 AR-1254-5

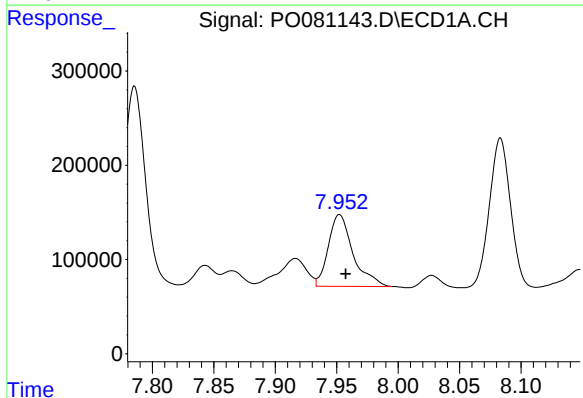
R.T.: 8.513 min  
Delta R.T.: -0.007 min  
Response: 2020444  
Conc: 488.43 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



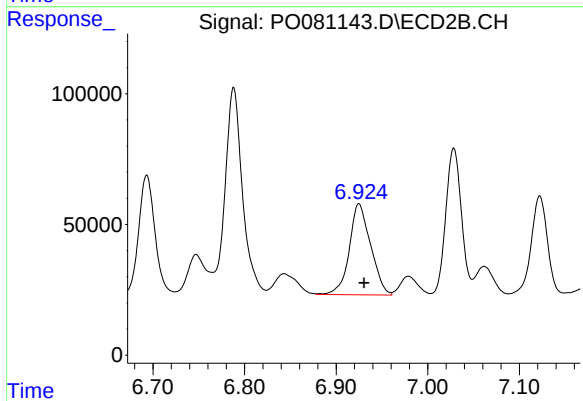
#30 AR-1254-5

R.T.: 7.461 min  
Delta R.T.: -0.006 min  
Response: 989681  
Conc: 469.06 ng/ml



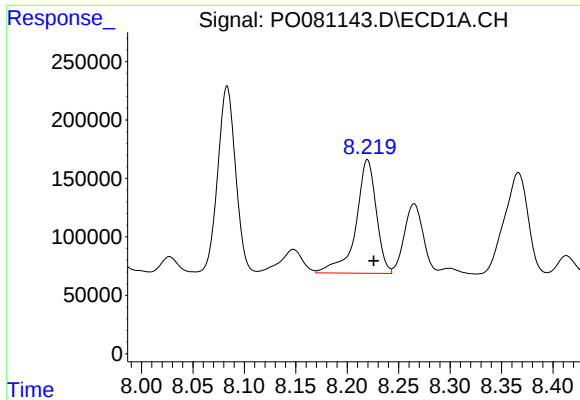
#31 AR-1260-1

R.T.: 7.952 min  
Delta R.T.: -0.005 min  
Response: 1067454  
Conc: 307.09 ng/ml



#31 AR-1260-1

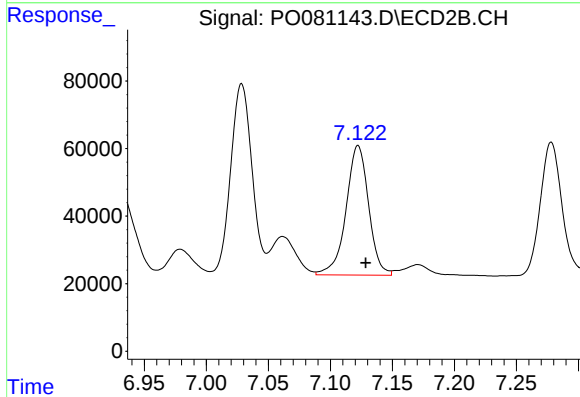
R.T.: 6.925 min  
Delta R.T.: -0.006 min  
Response: 563968  
Conc: 384.28 ng/ml



#32 AR-1260-2

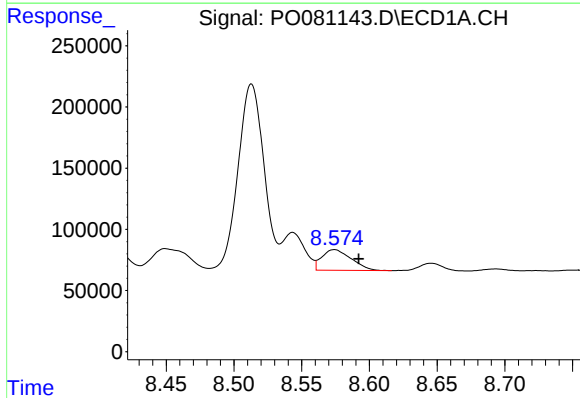
R.T.: 8.220 min  
Delta R.T.: -0.006 min  
Response: 1339754  
Conc: 300.62 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



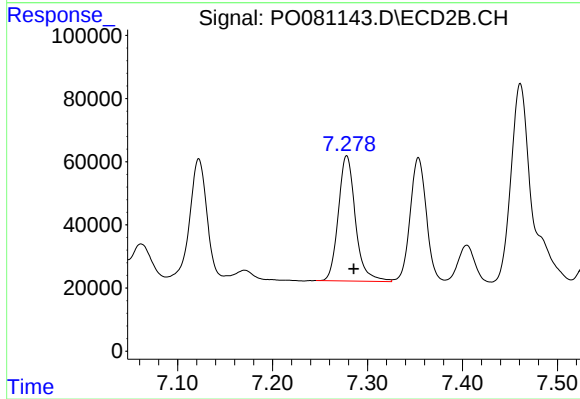
#32 AR-1260-2

R.T.: 7.122 min  
Delta R.T.: -0.006 min  
Response: 486319  
Conc: 277.06 ng/ml



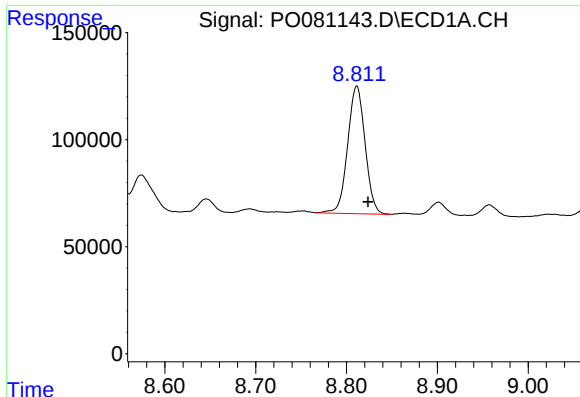
#33 AR-1260-3

R.T.: 8.574 min  
Delta R.T.: -0.018 min  
Response: 257455  
Conc: 98.11 ng/ml



#33 AR-1260-3

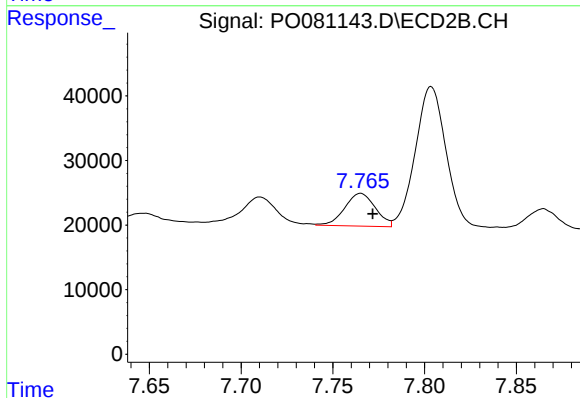
R.T.: 7.278 min  
Delta R.T.: -0.007 min  
Response: 497691  
Conc: 271.86 ng/ml



#34 AR-1260-4

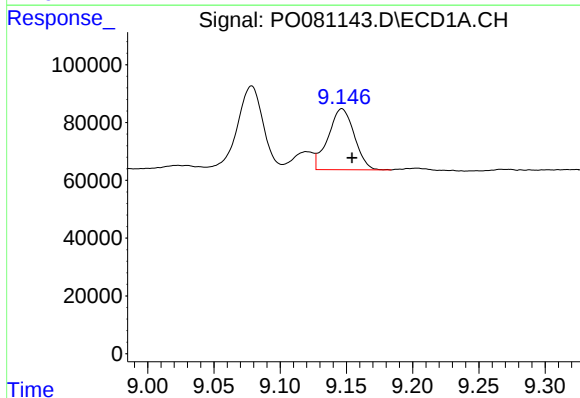
R.T.: 8.811 min  
Delta R.T.: -0.012 min  
Response: 795136  
Conc: 248.40 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



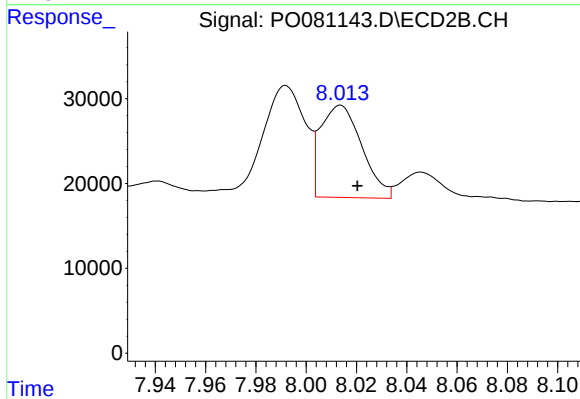
#34 AR-1260-4

R.T.: 7.765 min  
Delta R.T.: -0.007 min  
Response: 58975  
Conc: 49.92 ng/ml



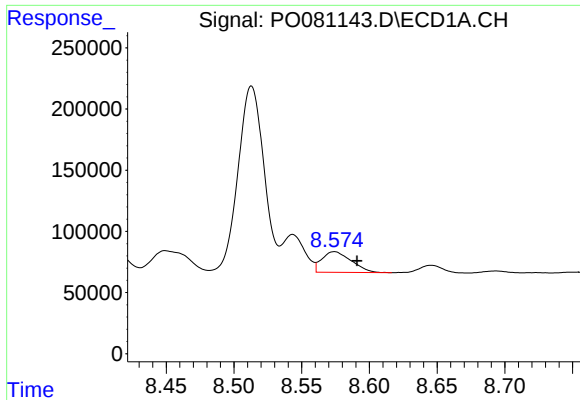
#35 AR-1260-5

R.T.: 9.147 min  
Delta R.T.: -0.008 min  
Response: 290015  
Conc: 48.44 ng/ml



#35 AR-1260-5

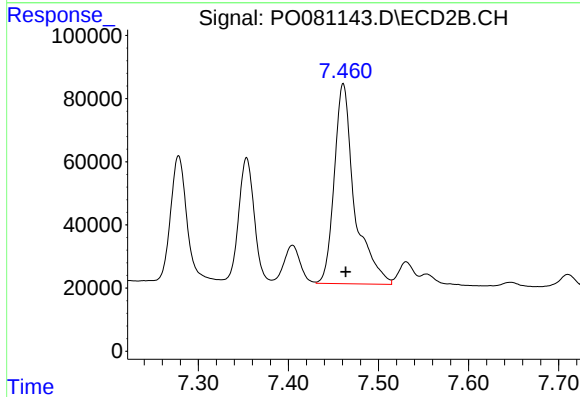
R.T.: 8.014 min  
Delta R.T.: -0.007 min  
Response: 123661  
Conc: 43.68 ng/ml



#36 AR-1262-1

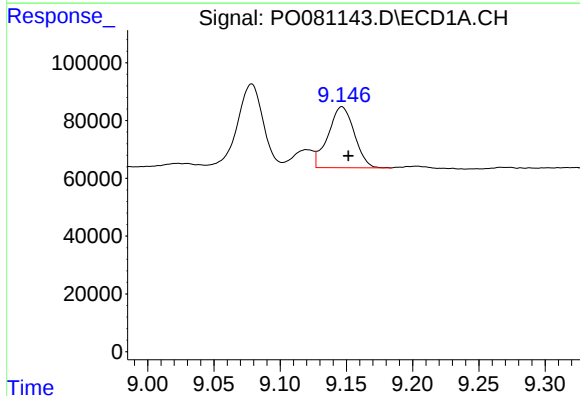
R.T.: 8.574 min  
Delta R.T.: -0.017 min  
Response: 257455  
Conc: 57.78 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



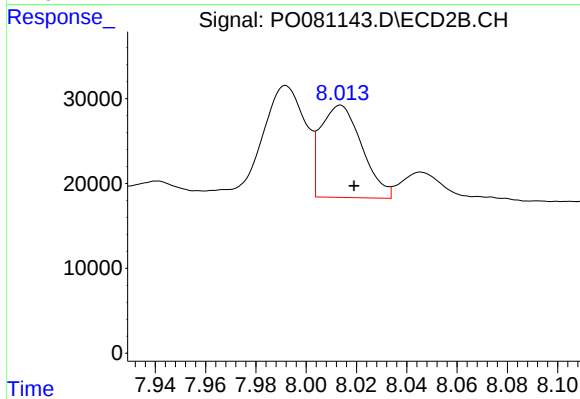
#36 AR-1262-1

R.T.: 7.461 min  
Delta R.T.: -0.003 min  
Response: 989681  
Conc: 931.82 ng/ml



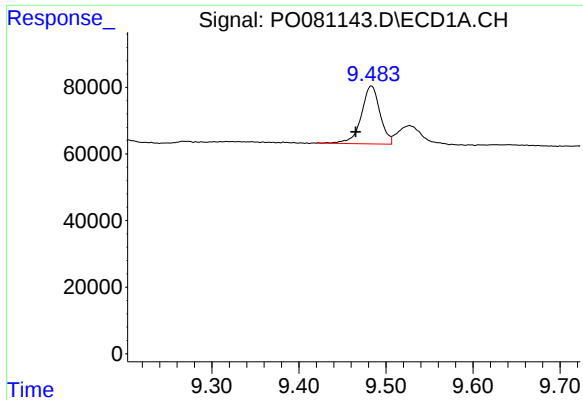
#37 AR-1262-2

R.T.: 9.147 min  
Delta R.T.: -0.005 min  
Response: 290015  
Conc: 37.85 ng/ml



#37 AR-1262-2

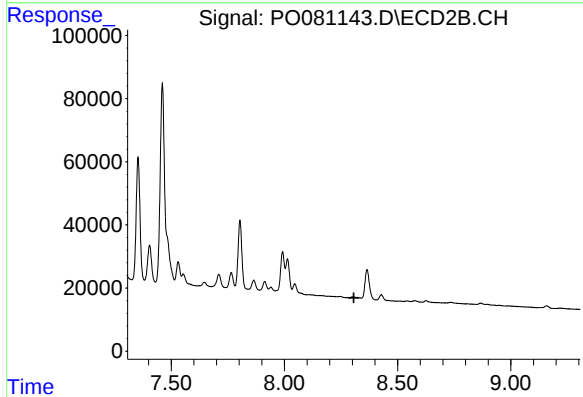
R.T.: 8.014 min  
Delta R.T.: -0.005 min  
Response: 123661  
Conc: 37.57 ng/ml



#38 AR-1262-3

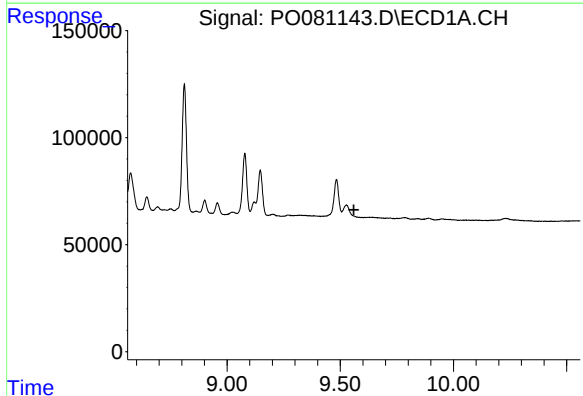
R.T.: 9.483 min  
Delta R.T.: 0.018 min  
Response: 259361  
Conc: 76.09 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



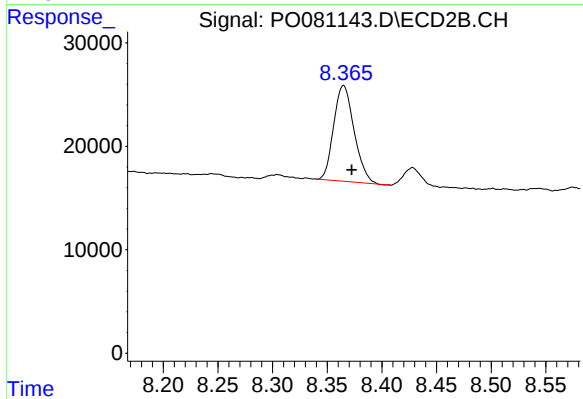
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 8.307 min  
Response: 0  
Conc: N.D.



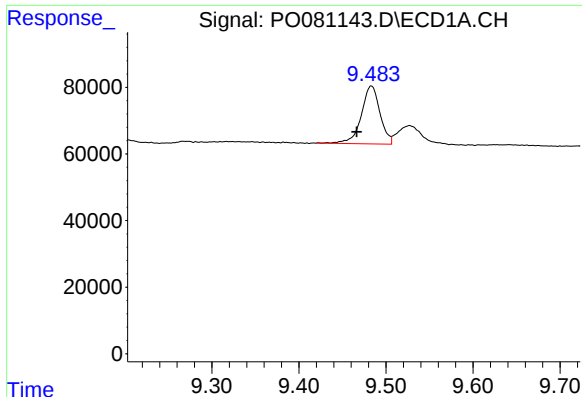
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 9.560 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

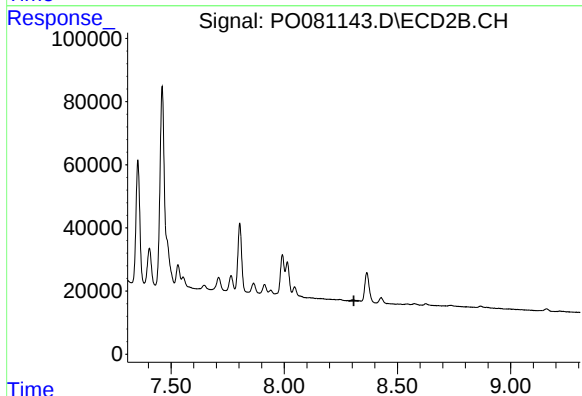
R.T.: 8.365 min  
Delta R.T.: -0.007 min  
Response: 120497  
Conc: 50.79 ng/ml



#41 AR-1268-1

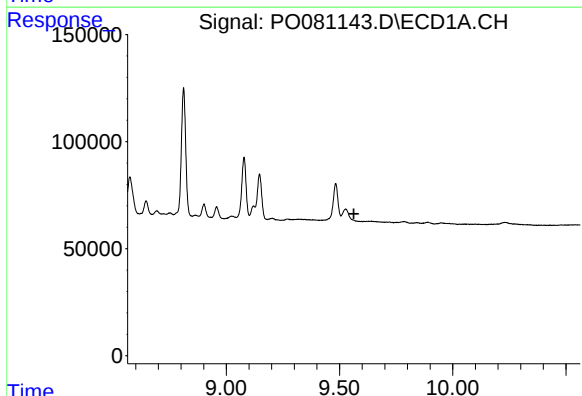
R.T.: 9.483 min  
Delta R.T.: 0.017 min  
Response: 259361  
Conc: 28.10 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



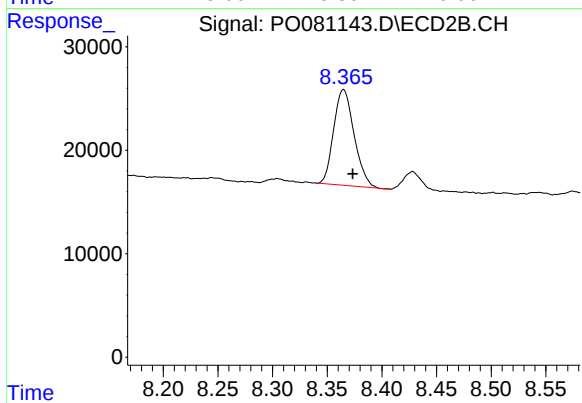
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 8.308 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 9.564 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 8.365 min  
Delta R.T.: -0.008 min  
Response: 120497  
Conc: 35.50 ng/ml