

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP121120\  
 Data File : PP031984.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 11 Dec 2020 14:07  
 Operator : DD\AJ  
 Sample : AR1254CCC500  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1254CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 12 05:19:36 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP121120.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Dec 12 05:15:55 2020  
 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... | 4.786  | 4.054  | 2695005 | 2464643 | 52.317   | 52.111     |
| 2)                          | SA Decachlor... | 10.651 | 9.349  | 1734957 | 1813444 | 55.325   | 54.074     |
| Target Compounds            |                 |        |        |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 0.000  | 5.305  | 0       | 4070    | N.D.     | 3.113 #    |
| 4)                          | L1 AR-1016-2    | 0.000  | 5.305f | 0       | 4070    | N.D.     | 2.055 #    |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.569  | 0       | 437788  | N.D.     | 515.947 #  |
| 7)                          | L1 AR-1016-5    | 6.597  | 5.797  | 271934  | 245531  | 254.861  | 225.959    |
| 9)                          | L2 AR-1221-2    | 0.000  | 4.406  | 0       | 28475   | N.D.     | 79.127 #   |
| 12)                         | L3 AR-1232-2    | 0.000  | 5.305f | 0       | 4070    | N.D.     | 4.743 #    |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.613  | 0       | 112978  | N.D.     | 287.968 #  |
| 15)                         | L3 AR-1232-5    | 6.383  | 5.797  | 440239  | 245531  | 1446.304 | 567.661 #  |
| 16)                         | L4 AR-1242-1    | 0.000  | 5.305  | 0       | 4070    | N.D.     | 3.929 #    |
| 17)                         | L4 AR-1242-2    | 0.000  | 5.305f | 0       | 4070    | N.D.     | 2.633 #    |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.613  | 0       | 112978  | N.D.     | 139.288 #  |
| 20)                         | L4 AR-1242-5    | 7.064  | 6.177  | 257636  | 1079035 | 297.027  | 1213.311 # |
| 21)                         | L5 AR-1248-1    | 0.000  | 5.305  | 0       | 4070    | N.D.     | 5.201 #    |
| 22)                         | L5 AR-1248-2    | 6.383  | 5.569  | 440239  | 437788  | 371.658  | 378.928    |
| 23)                         | L5 AR-1248-3    | 6.597  | 5.613  | 271934  | 112978  | 186.395  | 92.490 #   |
| 24)                         | L5 AR-1248-4    | 7.022  | 5.797  | 390169  | 245531  | 272.733  | 167.442 #  |
| 25)                         | L5 AR-1248-5    | 7.064  | 6.220  | 257636  | 129065  | 173.622  | 102.871 #  |
| 26)                         | L6 AR-1254-1    | 6.993  | 6.177  | 771834  | 1079035 | 496.919  | 522.022    |
| 27)                         | L6 AR-1254-2    | 7.222  | 6.335  | 1216218 | 931818  | 528.724  | 519.778    |
| 28)                         | L6 AR-1254-3    | 7.600  | 6.756  | 1320291 | 1529273 | 542.230  | 535.083    |
| 29)                         | L6 AR-1254-4    | 7.894  | 6.995  | 863610  | 779502  | 561.073  | 564.062    |
| 30)                         | L6 AR-1254-5    | 8.321  | 7.423  | 961999  | 1304662 | 561.305  | 548.404    |
| 31)                         | L7 AR-1260-1    | 7.768  | 6.892  | 515317  | 740048  | 297.339  | 390.351 #  |
| 32)                         | L7 AR-1260-2    | 8.032  | 7.088  | 565010  | 626971  | 274.998  | 288.213    |
| 33)                         | L7 AR-1260-3    | 8.381  | 7.242  | 154574  | 609874  | 88.583   | 287.044 #  |
| 34)                         | L7 AR-1260-4    | 8.615  | 7.726  | 363635  | 60556   | 201.794  | 34.085 #   |
| 35)                         | L7 AR-1260-5    | 8.940  | 7.972  | 133367  | 144968  | 37.099   | 37.895     |
| 36)                         | L8 AR-1262-1    | 8.381  | 0.000  | 154574  | 0       | 57.285   | N.D. #     |
| 37)                         | L8 AR-1262-2    | 8.940  | 7.972  | 133367  | 144968  | 32.888   | 34.767     |
| 38)                         | L8 AR-1262-3    | 9.254f | 0.000  | 84539   | 0       | 29.503   | N.D. #     |
| 39)                         | L8 AR-1262-4    | 0.000  | 8.319  | 0       | 129103  | N.D.     | 38.374 #   |
| 41)                         | L9 AR-1268-1    | 9.254f | 0.000  | 84539   | 0       | 16.269   | N.D. #     |
| 42)                         | L9 AR-1268-2    | 0.000  | 8.319  | 0       | 129103  | N.D.     | 25.251 #   |
| -----                       |                 |        |        |         |         |          |            |

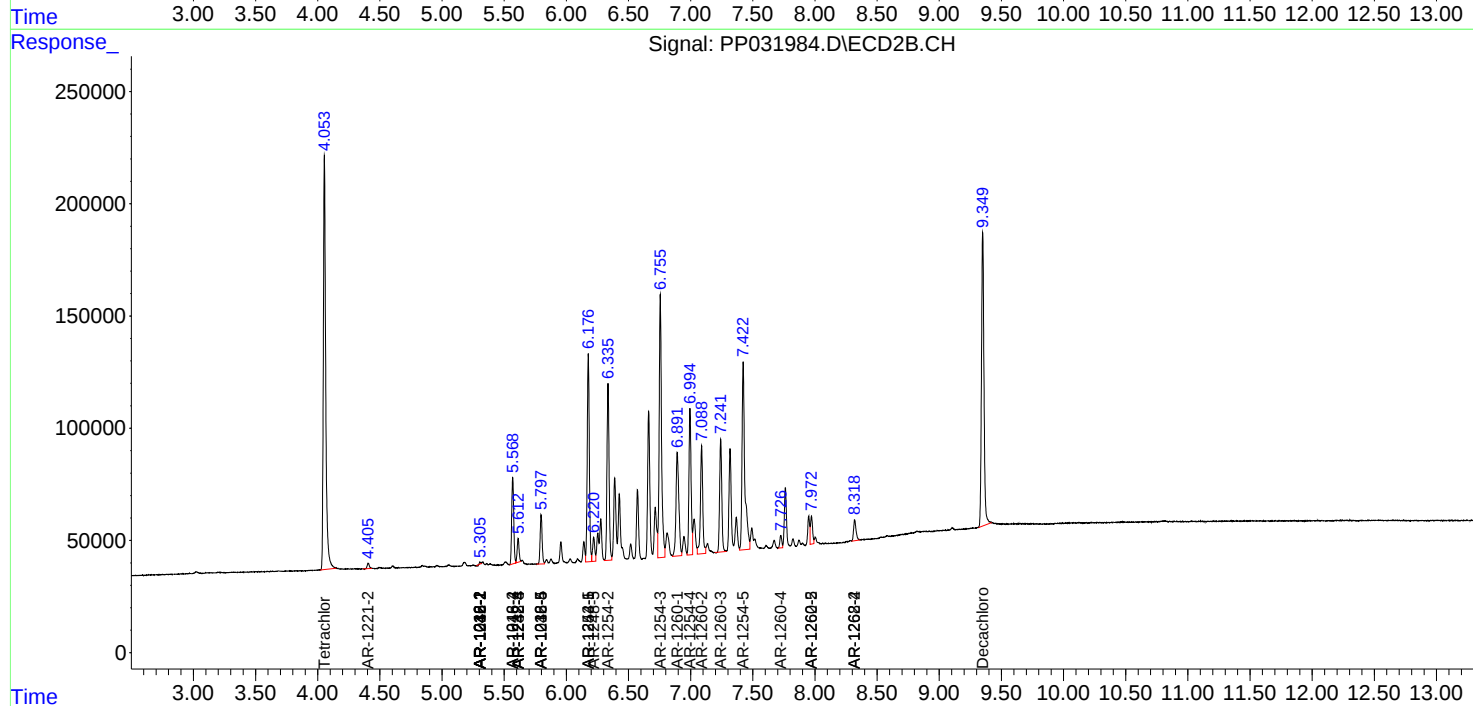
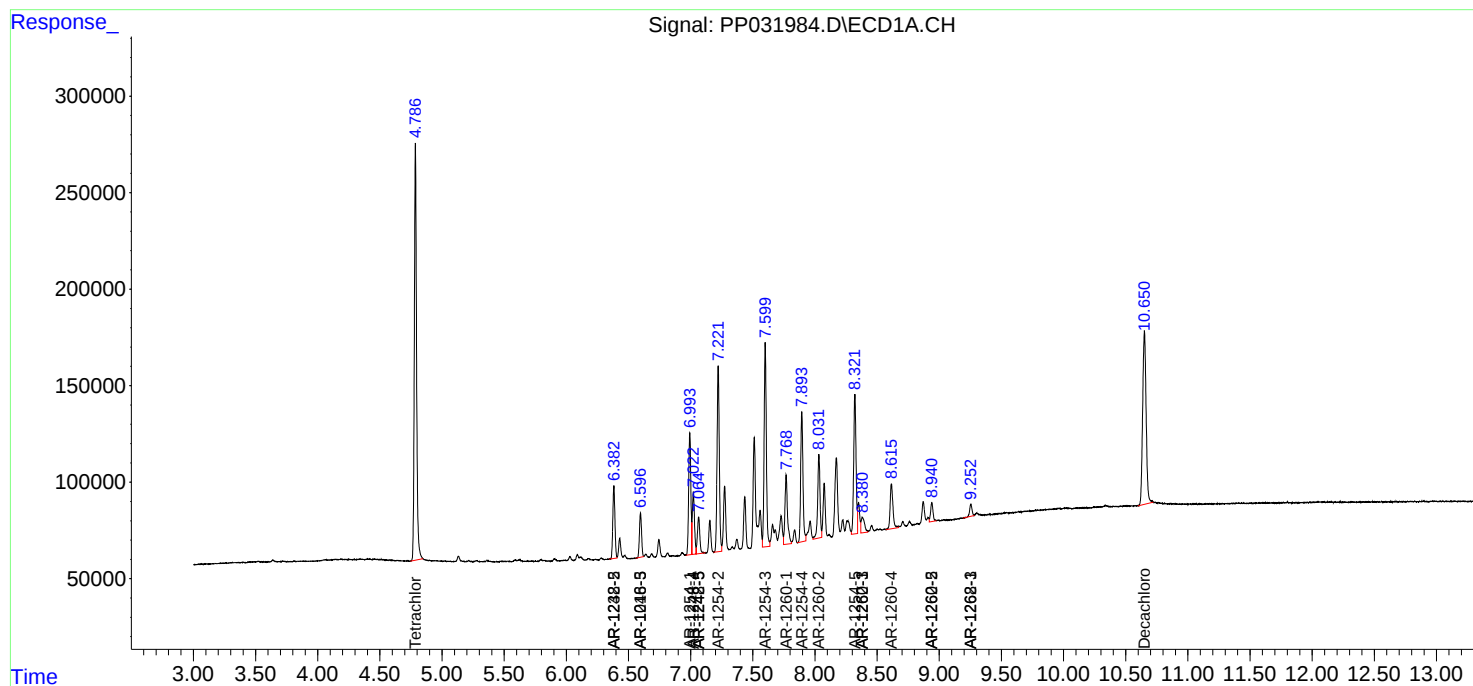
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

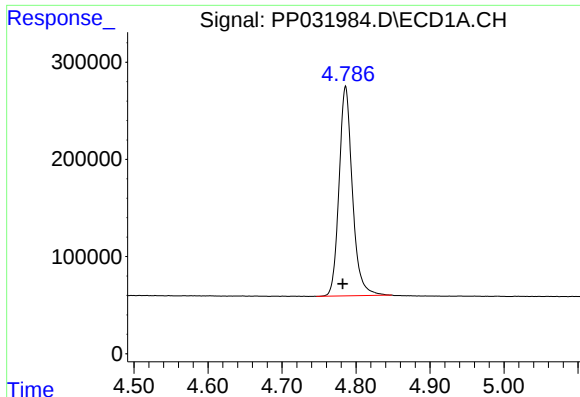
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP121120\  
Data File : PP031984.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 11 Dec 2020 14:07  
Operator : DD\AJ  
Sample : AR1254CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 12 05:19:36 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP121120.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat Dec 12 05:15:55 2020  
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

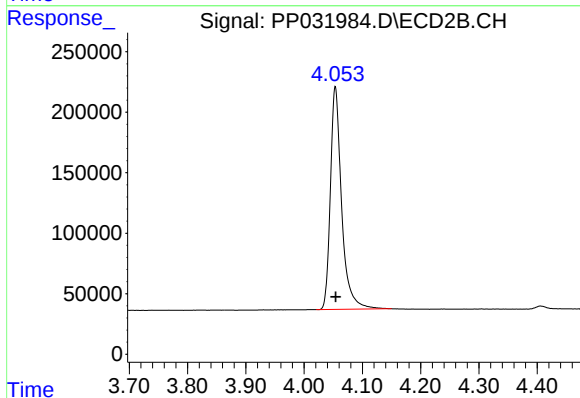




#1 Tetrachloro-m-xylene

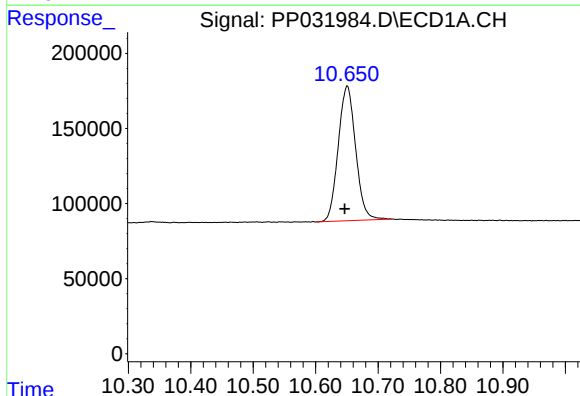
R.T.: 4.786 min  
Delta R.T.: 0.004 min  
Response: 2695005  
Conc: 52.32 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



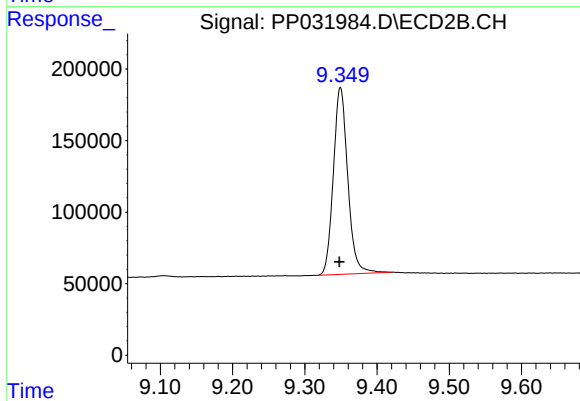
#1 Tetrachloro-m-xylene

R.T.: 4.054 min  
Delta R.T.: 0.000 min  
Response: 2464643  
Conc: 52.11 ng/ml



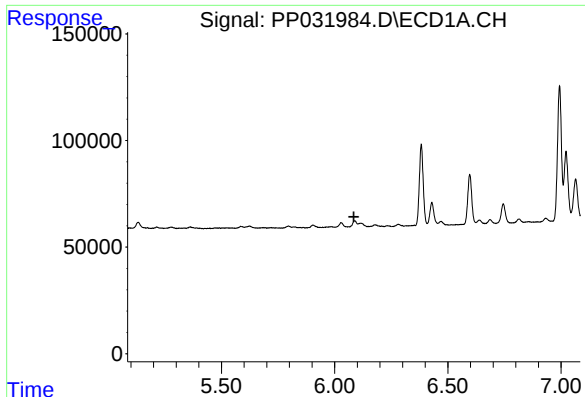
#2 Decachlorobiphenyl

R.T.: 10.651 min  
Delta R.T.: 0.004 min  
Response: 1734957  
Conc: 55.32 ng/ml



#2 Decachlorobiphenyl

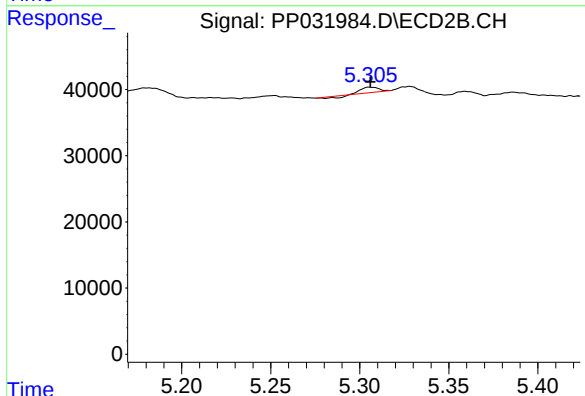
R.T.: 9.349 min  
Delta R.T.: 0.002 min  
Response: 1813444  
Conc: 54.07 ng/ml



#3 AR-1016-1

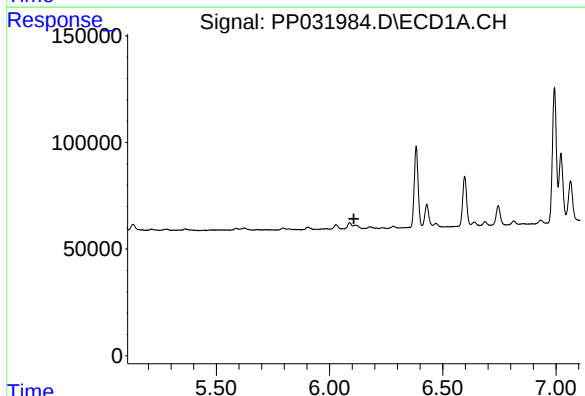
R.T.: 0.000 min  
Exp R.T.: 6.085 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



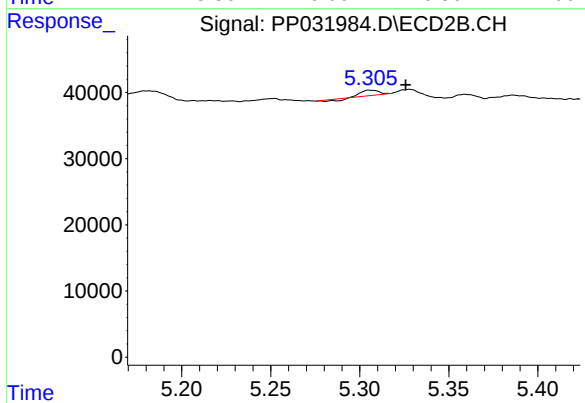
#3 AR-1016-1

R.T.: 5.305 min  
Delta R.T.: 0.000 min  
Response: 4070  
Conc: 3.11 ng/ml



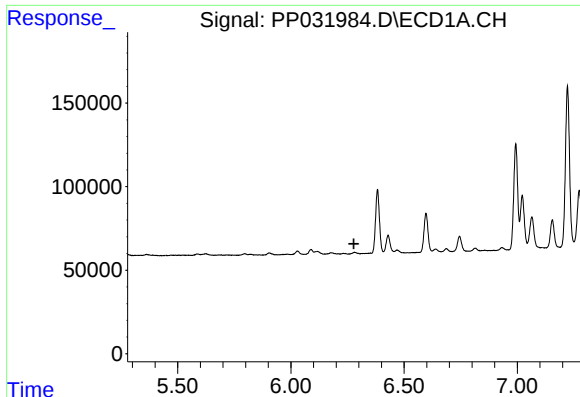
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 6.108 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

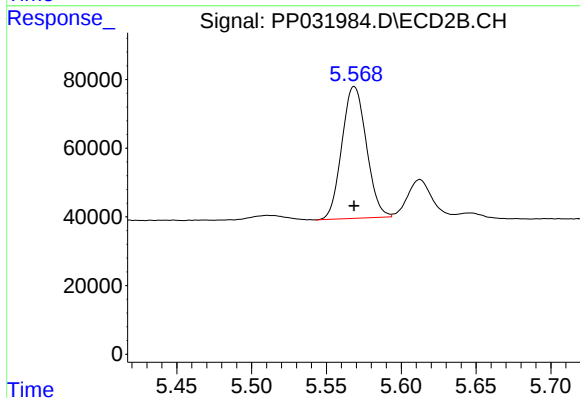
R.T.: 5.305 min  
Delta R.T.: -0.020 min  
Response: 4070  
Conc: 2.06 ng/ml



#6 AR-1016-4

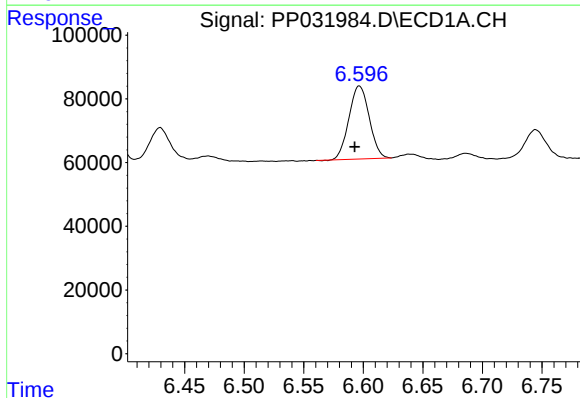
R.T.: 0.000 min  
Exp R.T.: 6.279 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



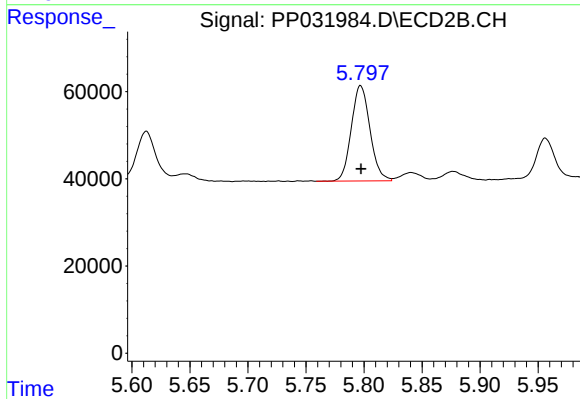
#6 AR-1016-4

R.T.: 5.569 min  
Delta R.T.: 0.000 min  
Response: 437788  
Conc: 515.95 ng/ml



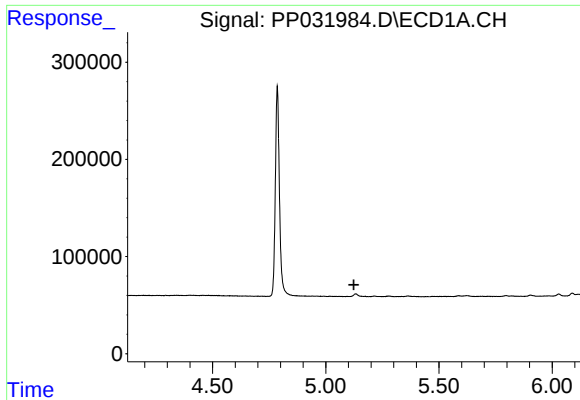
#7 AR-1016-5

R.T.: 6.597 min  
Delta R.T.: 0.004 min  
Response: 271934  
Conc: 254.86 ng/ml



#7 AR-1016-5

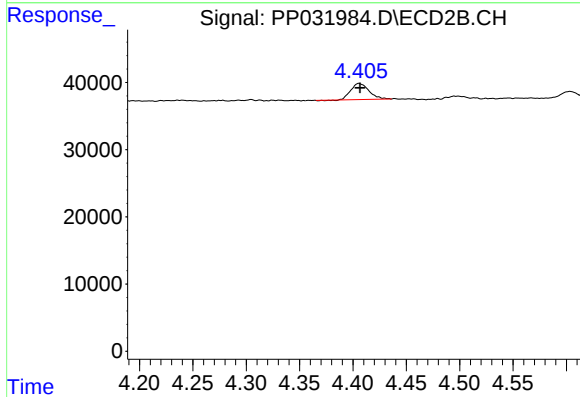
R.T.: 5.797 min  
Delta R.T.: 0.000 min  
Response: 245531  
Conc: 225.96 ng/ml



#9 AR-1221-2

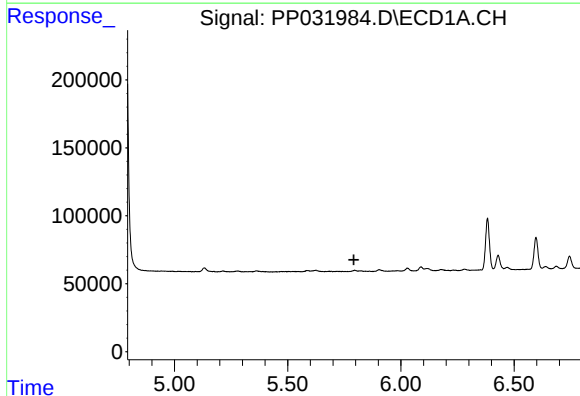
R.T.: 0.000 min  
Exp R.T. : 5.124 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



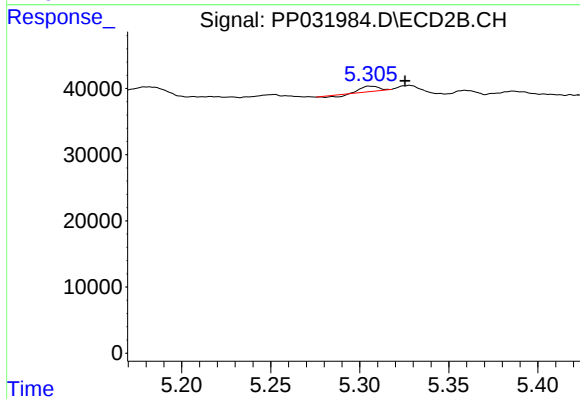
#9 AR-1221-2

R.T.: 4.406 min  
Delta R.T.: -0.001 min  
Response: 28475  
Conc: 79.13 ng/ml



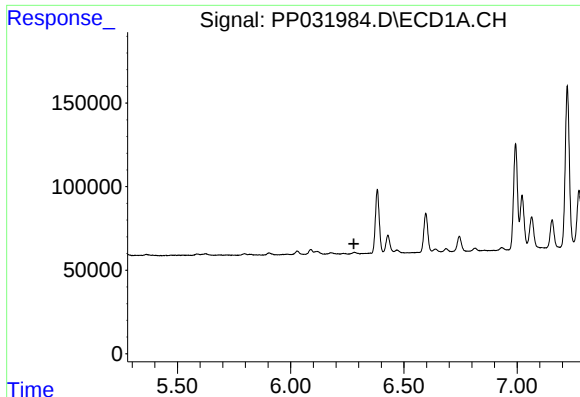
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.792 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

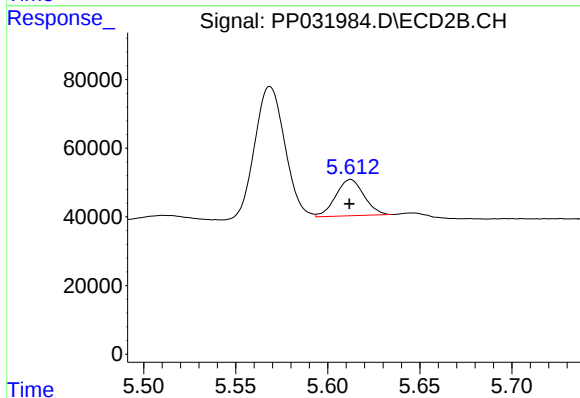
R.T.: 5.305 min  
Delta R.T.: -0.020 min  
Response: 4070  
Conc: 4.74 ng/ml



#14 AR-1232-4

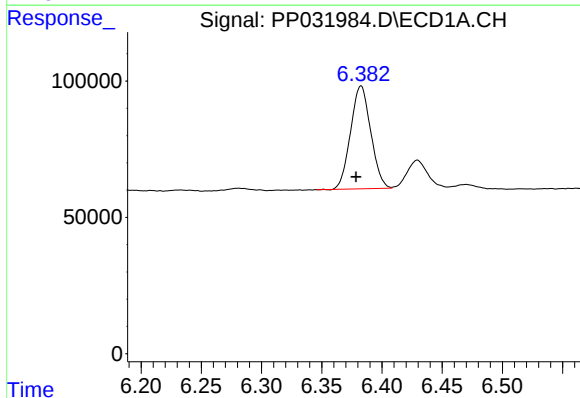
R.T.: 0.000 min  
Exp R.T.: 6.279 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



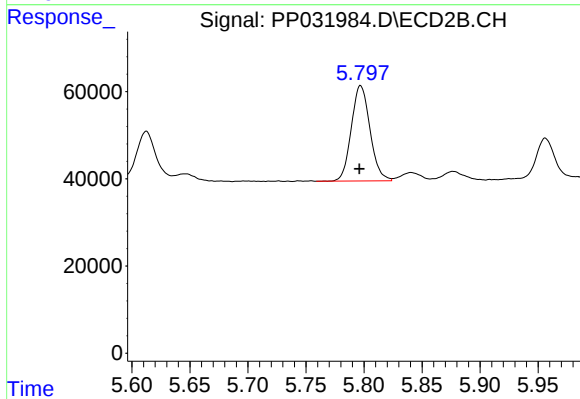
#14 AR-1232-4

R.T.: 5.613 min  
Delta R.T.: 0.000 min  
Response: 112978  
Conc: 287.97 ng/ml



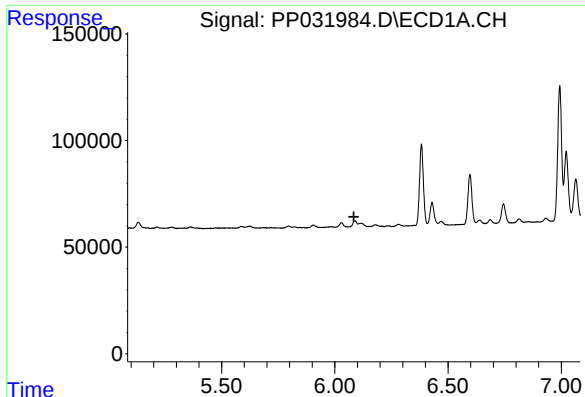
#15 AR-1232-5

R.T.: 6.383 min  
Delta R.T.: 0.004 min  
Response: 440239  
Conc: 1446.30 ng/ml



#15 AR-1232-5

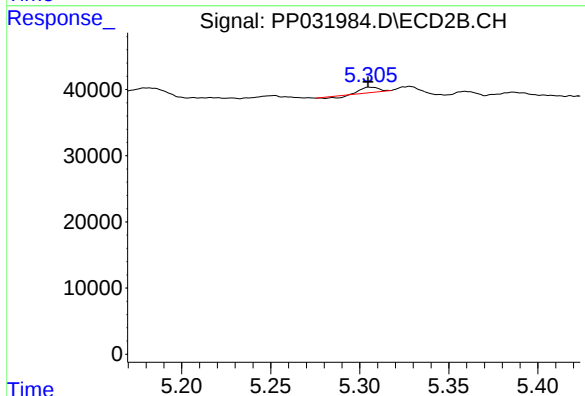
R.T.: 5.797 min  
Delta R.T.: 0.000 min  
Response: 245531  
Conc: 567.66 ng/ml



#16 AR-1242-1

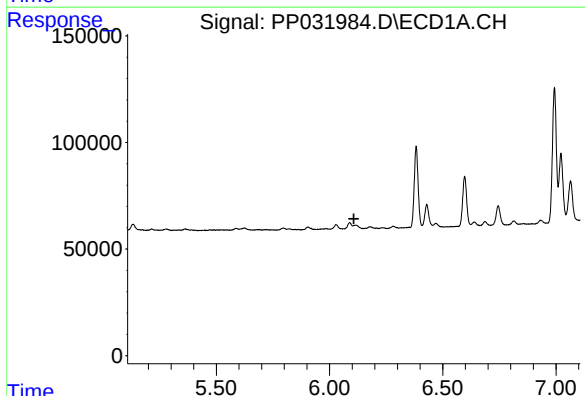
R.T.: 0.000 min  
Exp R.T.: 6.084 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



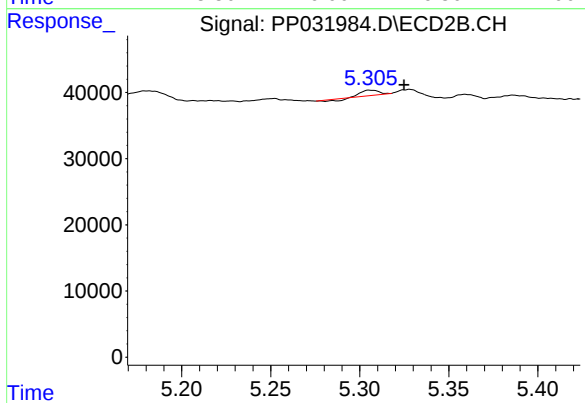
#16 AR-1242-1

R.T.: 5.305 min  
Delta R.T.: 0.000 min  
Response: 4070  
Conc: 3.93 ng/ml



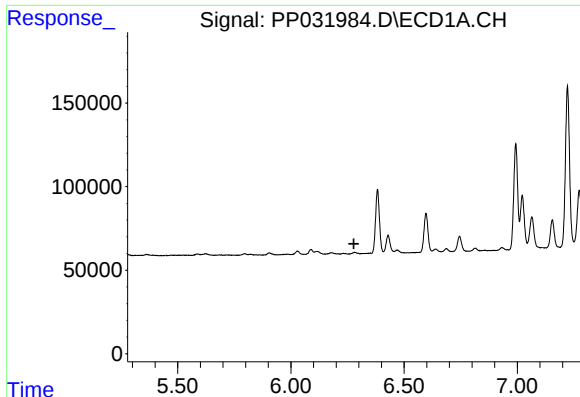
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T.: 6.107 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

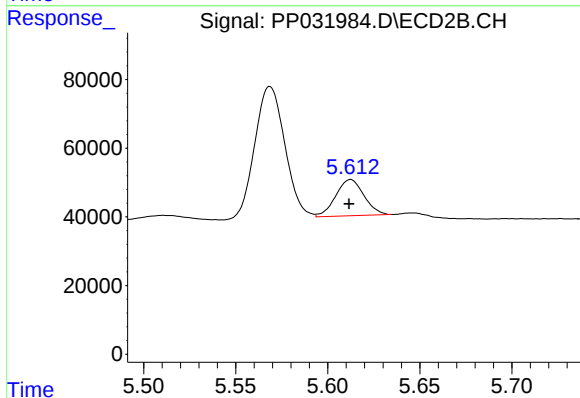
R.T.: 5.305 min  
Delta R.T.: -0.020 min  
Response: 4070  
Conc: 2.63 ng/ml



#19 AR-1242-4

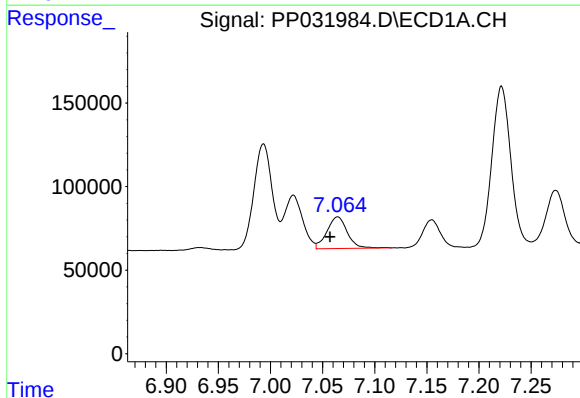
R.T.: 0.000 min  
Exp R.T.: 6.278 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



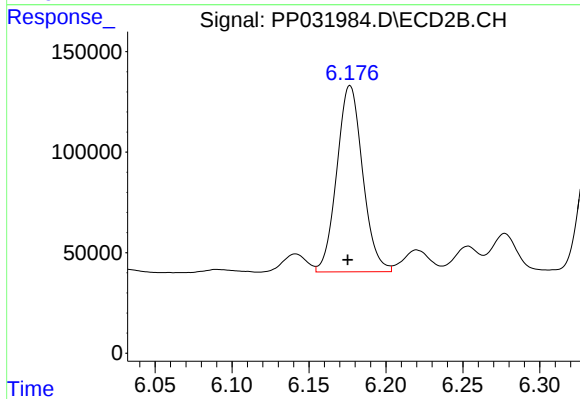
#19 AR-1242-4

R.T.: 5.613 min  
Delta R.T.: 0.001 min  
Response: 112978  
Conc: 139.29 ng/ml



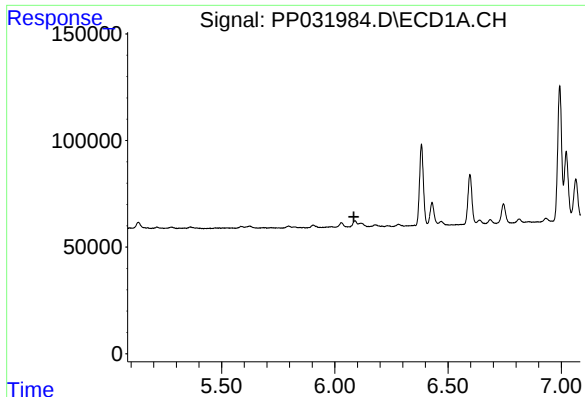
#20 AR-1242-5

R.T.: 7.064 min  
Delta R.T.: 0.007 min  
Response: 257636  
Conc: 297.03 ng/ml



#20 AR-1242-5

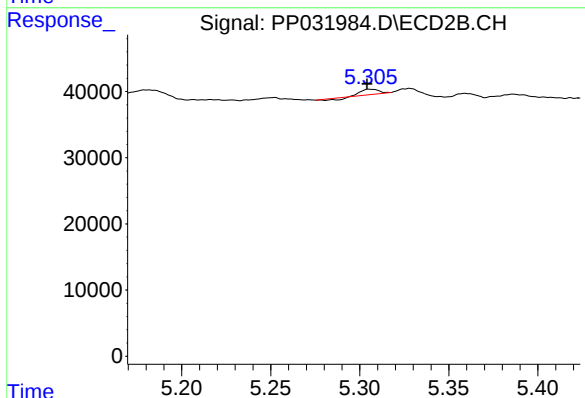
R.T.: 6.177 min  
Delta R.T.: 0.002 min  
Response: 1079035  
Conc: 1213.31 ng/ml



#21 AR-1248-1

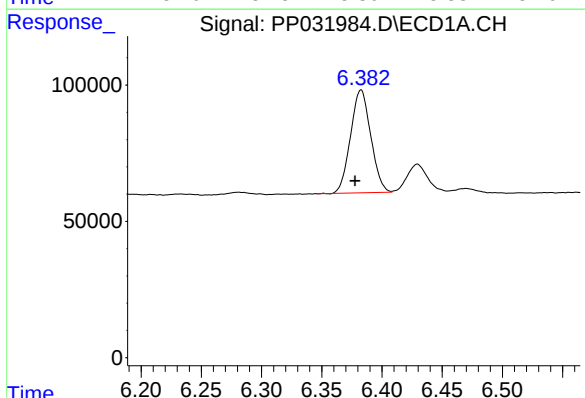
R.T.: 0.000 min  
Exp R.T.: 6.084 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



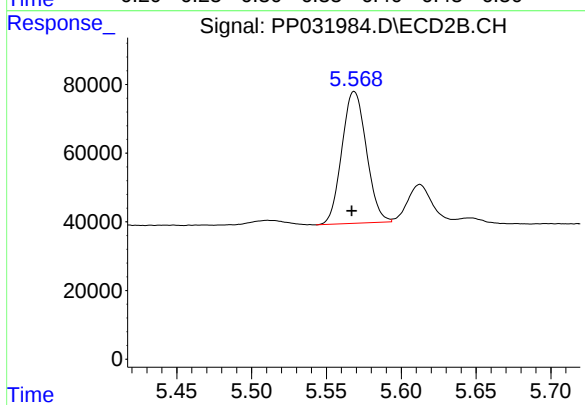
#21 AR-1248-1

R.T.: 5.305 min  
Delta R.T.: 0.001 min  
Response: 4070  
Conc: 5.20 ng/ml



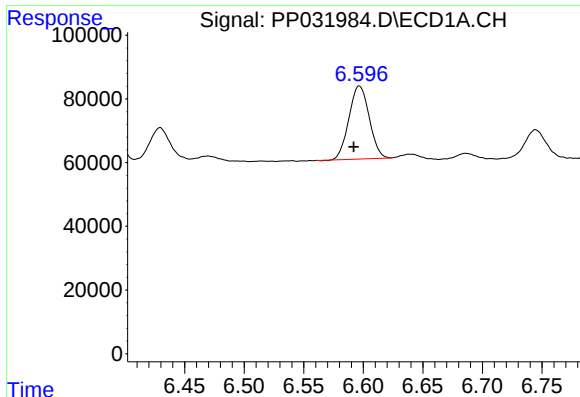
#22 AR-1248-2

R.T.: 6.383 min  
Delta R.T.: 0.005 min  
Response: 440239  
Conc: 371.66 ng/ml



#22 AR-1248-2

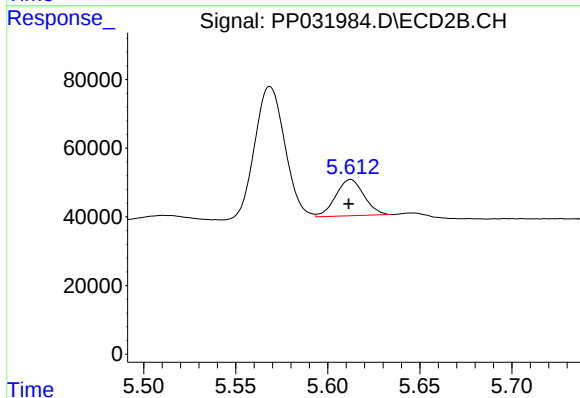
R.T.: 5.569 min  
Delta R.T.: 0.002 min  
Response: 437788  
Conc: 378.93 ng/ml



#23 AR-1248-3

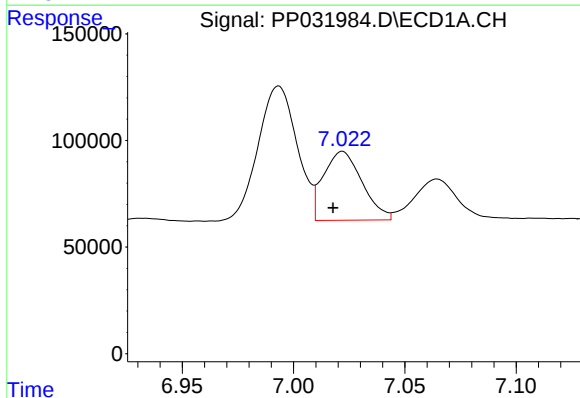
R.T.: 6.597 min  
Delta R.T.: 0.005 min  
Response: 271934  
Conc: 186.40 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



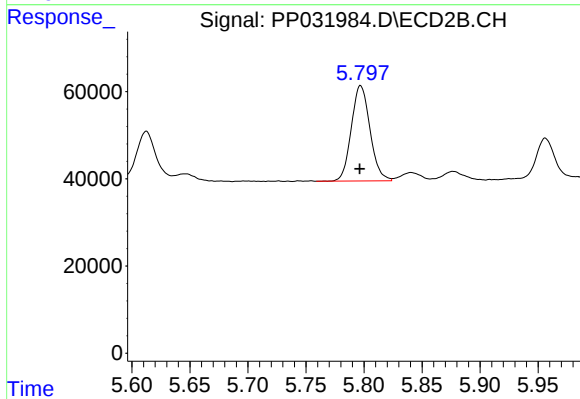
#23 AR-1248-3

R.T.: 5.613 min  
Delta R.T.: 0.001 min  
Response: 112978  
Conc: 92.49 ng/ml



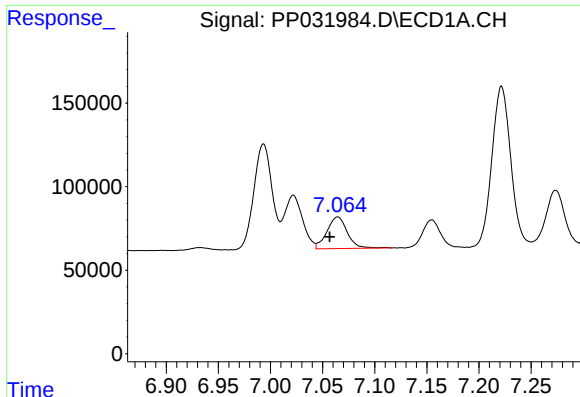
#24 AR-1248-4

R.T.: 7.022 min  
Delta R.T.: 0.004 min  
Response: 390169  
Conc: 272.73 ng/ml



#24 AR-1248-4

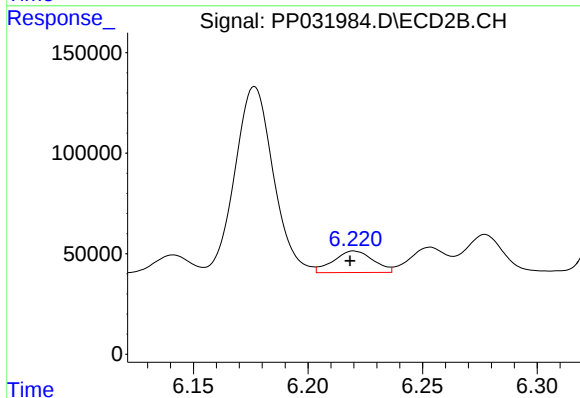
R.T.: 5.797 min  
Delta R.T.: 0.000 min  
Response: 245531  
Conc: 167.44 ng/ml



#25 AR-1248-5

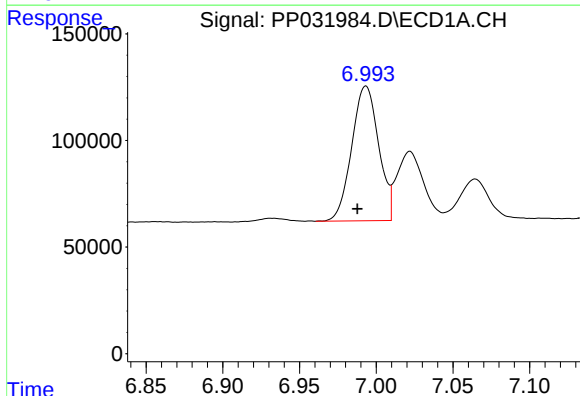
R.T.: 7.064 min  
Delta R.T.: 0.007 min  
Response: 257636  
Conc: 173.62 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



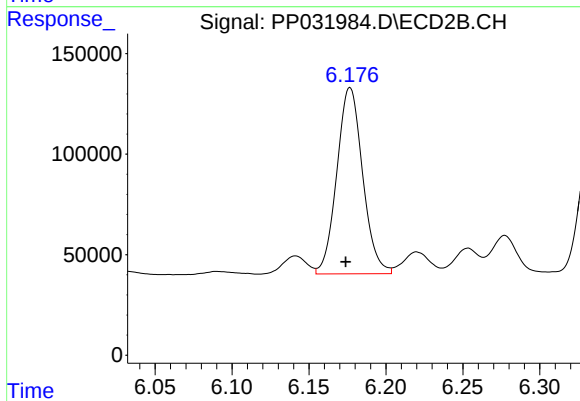
#25 AR-1248-5

R.T.: 6.220 min  
Delta R.T.: 0.002 min  
Response: 129065  
Conc: 102.87 ng/ml



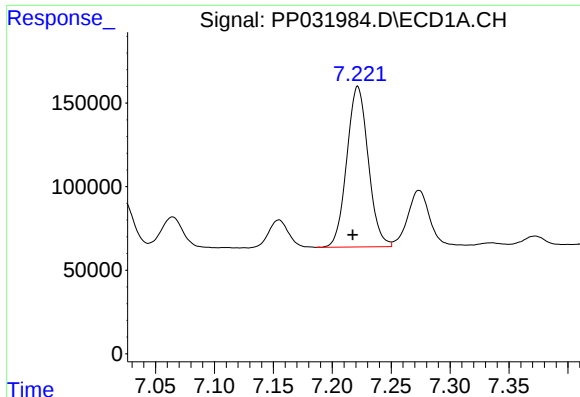
#26 AR-1254-1

R.T.: 6.993 min  
Delta R.T.: 0.005 min  
Response: 771834  
Conc: 496.92 ng/ml



#26 AR-1254-1

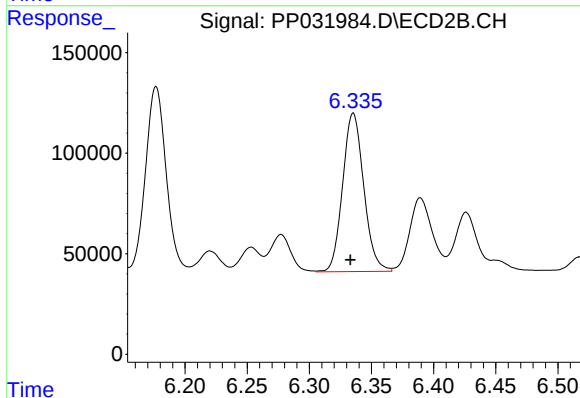
R.T.: 6.177 min  
Delta R.T.: 0.003 min  
Response: 1079035  
Conc: 522.02 ng/ml



#27 AR-1254-2

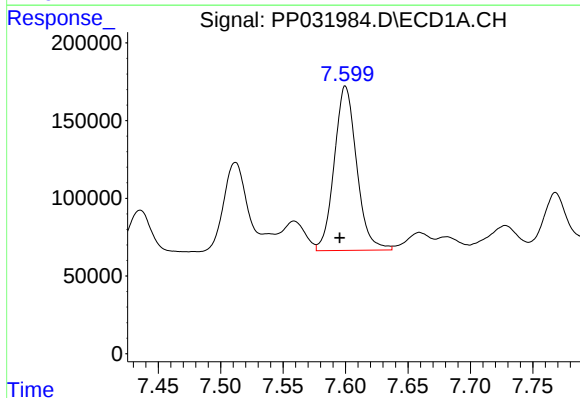
R.T.: 7.222 min  
Delta R.T.: 0.004 min  
Response: 1216218  
Conc: 528.72 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



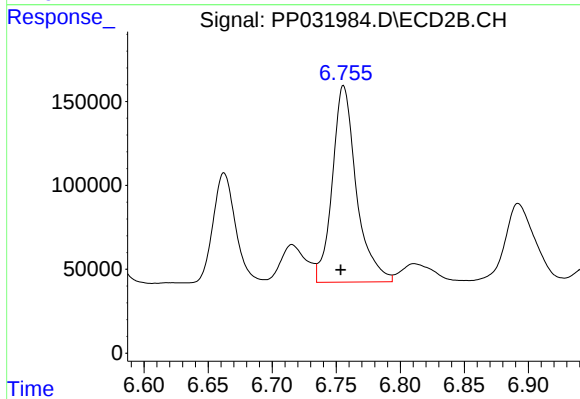
#27 AR-1254-2

R.T.: 6.335 min  
Delta R.T.: 0.002 min  
Response: 931818  
Conc: 519.78 ng/ml



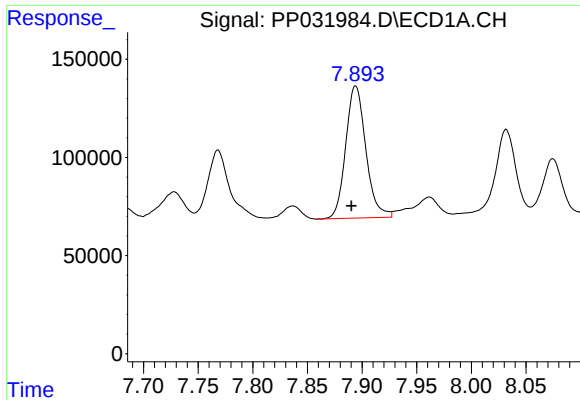
#28 AR-1254-3

R.T.: 7.600 min  
Delta R.T.: 0.005 min  
Response: 1320291  
Conc: 542.23 ng/ml



#28 AR-1254-3

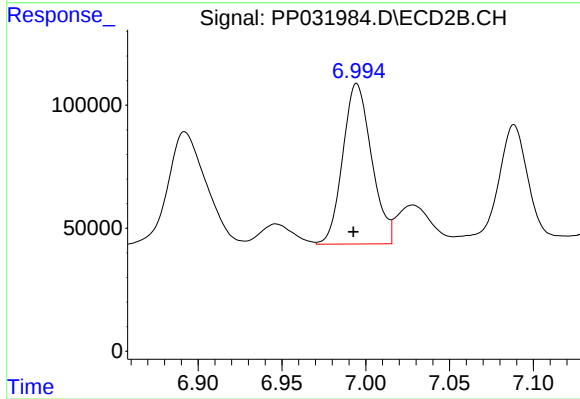
R.T.: 6.756 min  
Delta R.T.: 0.002 min  
Response: 1529273  
Conc: 535.08 ng/ml



#29 AR-1254-4

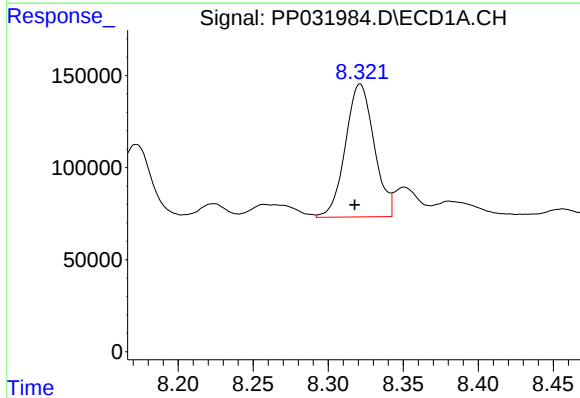
R.T.: 7.894 min  
Delta R.T.: 0.004 min  
Response: 863610  
Conc: 561.07 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



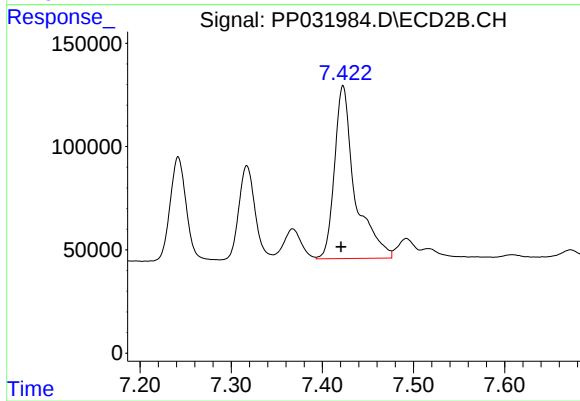
#29 AR-1254-4

R.T.: 6.995 min  
Delta R.T.: 0.002 min  
Response: 779502  
Conc: 564.06 ng/ml



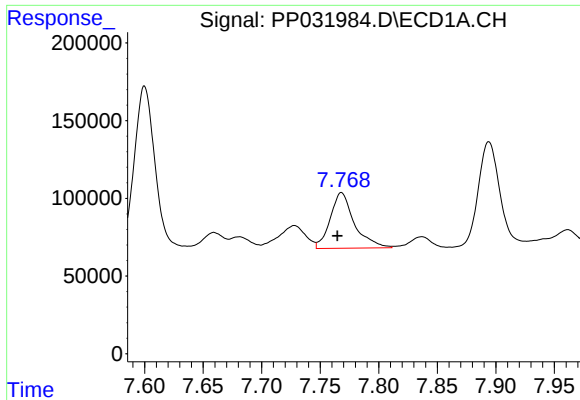
#30 AR-1254-5

R.T.: 8.321 min  
Delta R.T.: 0.004 min  
Response: 961999  
Conc: 561.30 ng/ml



#30 AR-1254-5

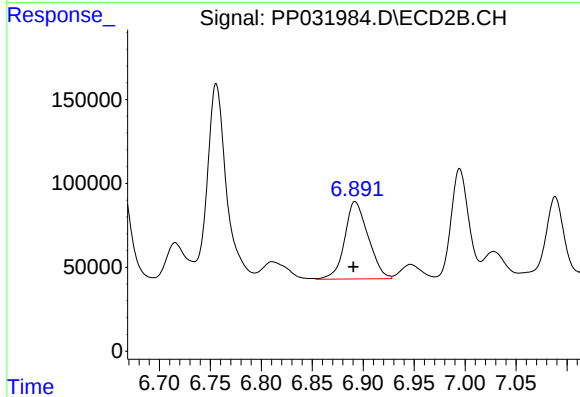
R.T.: 7.423 min  
Delta R.T.: 0.002 min  
Response: 1304662  
Conc: 548.40 ng/ml



#31 AR-1260-1

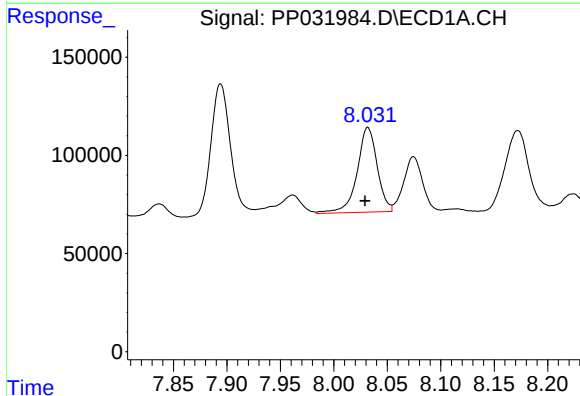
R.T.: 7.768 min  
Delta R.T.: 0.004 min  
Response: 515317  
Conc: 297.34 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



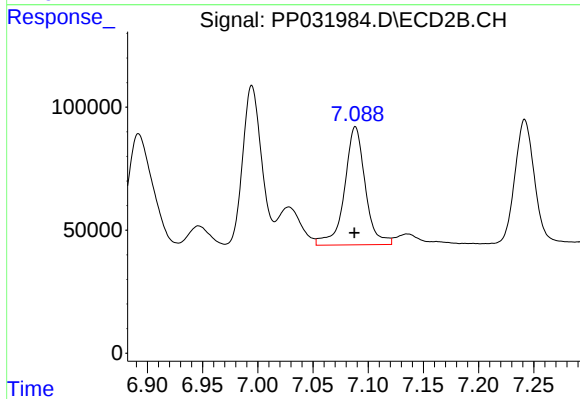
#31 AR-1260-1

R.T.: 6.892 min  
Delta R.T.: 0.002 min  
Response: 740048  
Conc: 390.35 ng/ml



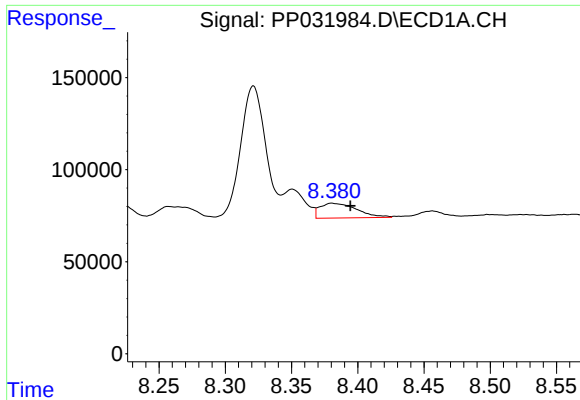
#32 AR-1260-2

R.T.: 8.032 min  
Delta R.T.: 0.003 min  
Response: 565010  
Conc: 275.00 ng/ml



#32 AR-1260-2

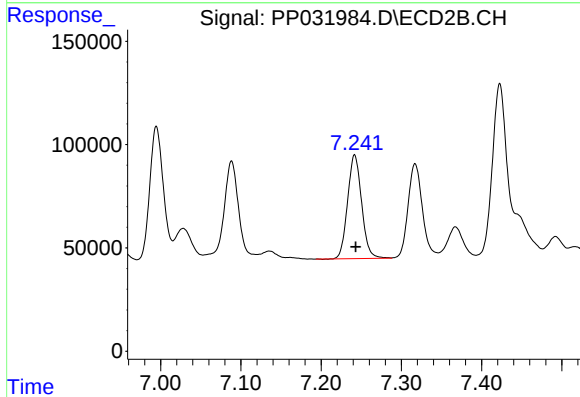
R.T.: 7.088 min  
Delta R.T.: 0.000 min  
Response: 626971  
Conc: 288.21 ng/ml



#33 AR-1260-3

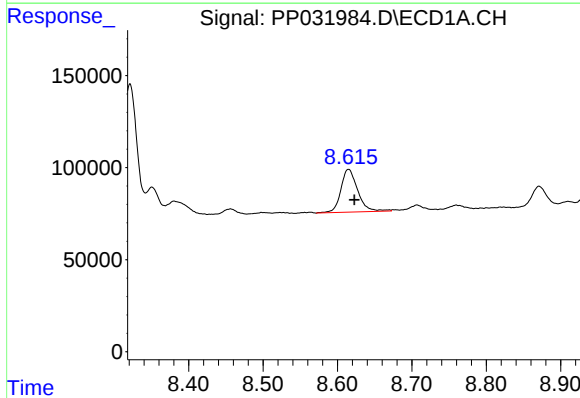
R.T.: 8.381 min  
Delta R.T.: -0.014 min  
Response: 154574  
Conc: 88.58 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



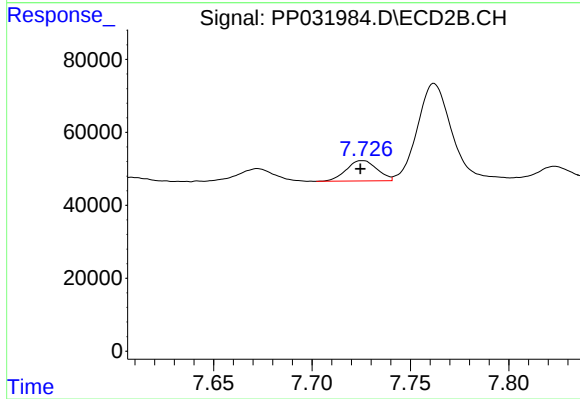
#33 AR-1260-3

R.T.: 7.242 min  
Delta R.T.: -0.001 min  
Response: 609874  
Conc: 287.04 ng/ml



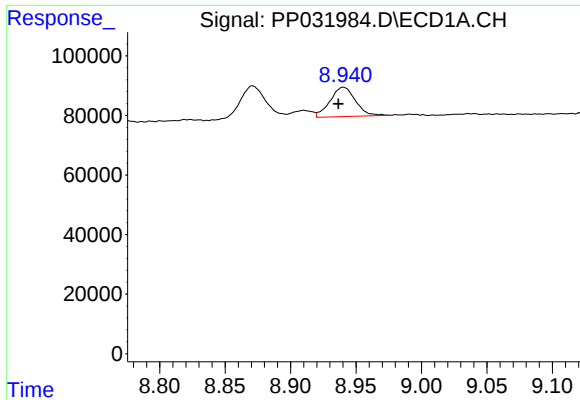
#34 AR-1260-4

R.T.: 8.615 min  
Delta R.T.: -0.008 min  
Response: 363635  
Conc: 201.79 ng/ml



#34 AR-1260-4

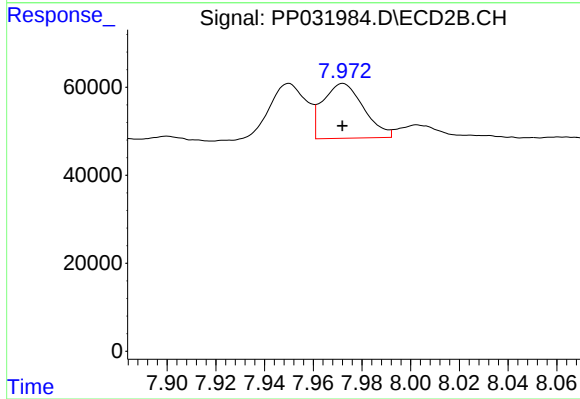
R.T.: 7.726 min  
Delta R.T.: 0.001 min  
Response: 60556  
Conc: 34.09 ng/ml



#35 AR-1260-5

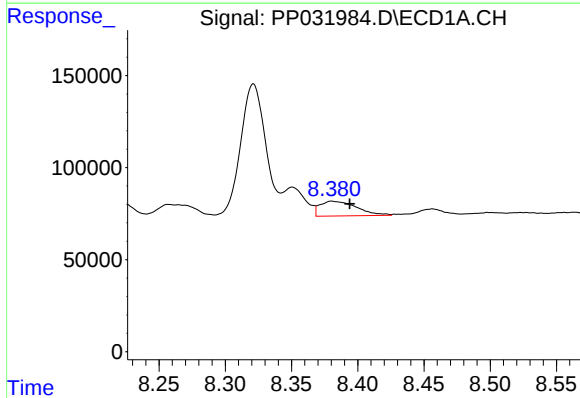
R.T.: 8.940 min  
Delta R.T.: 0.004 min  
Response: 133367  
Conc: 37.10 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



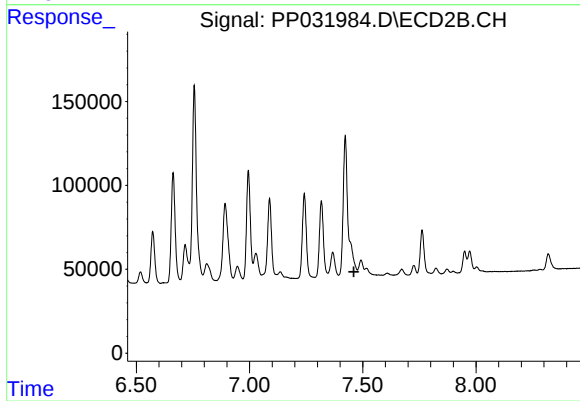
#35 AR-1260-5

R.T.: 7.972 min  
Delta R.T.: 0.000 min  
Response: 144968  
Conc: 37.90 ng/ml



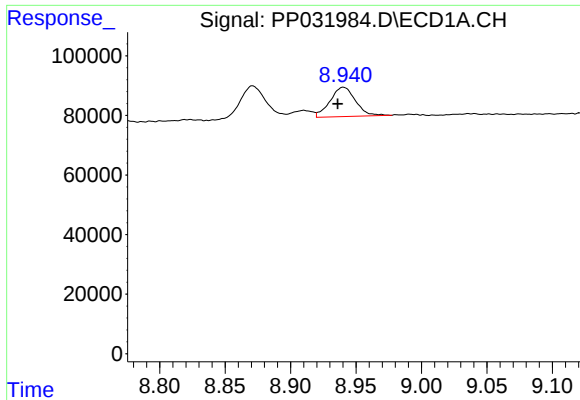
#36 AR-1262-1

R.T.: 8.381 min  
Delta R.T.: -0.013 min  
Response: 154574  
Conc: 57.29 ng/ml



#36 AR-1262-1

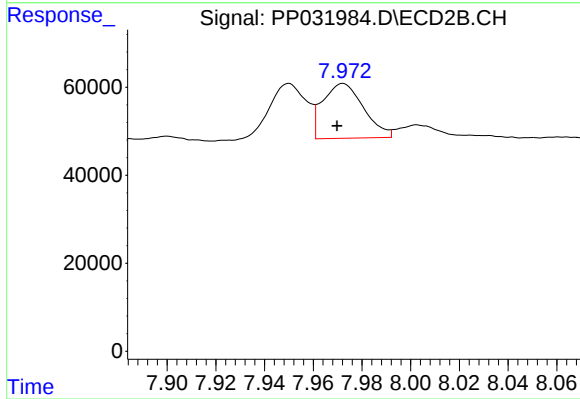
R.T.: 0.000 min  
Exp R.T.: 7.461 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

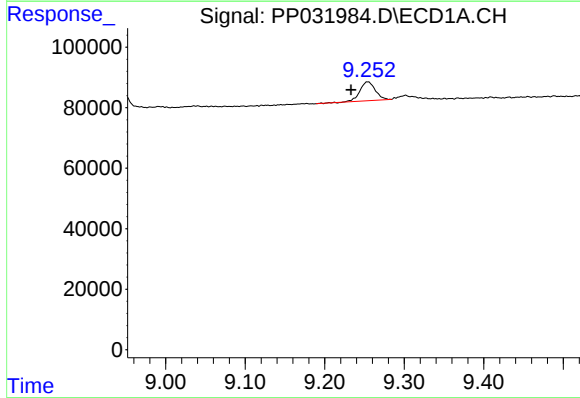
R.T.: 8.940 min  
Delta R.T.: 0.004 min  
Response: 133367  
Conc: 32.89 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



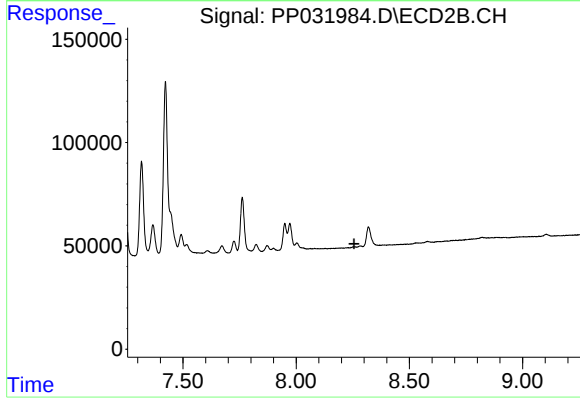
#37 AR-1262-2

R.T.: 7.972 min  
Delta R.T.: 0.002 min  
Response: 144968  
Conc: 34.77 ng/ml



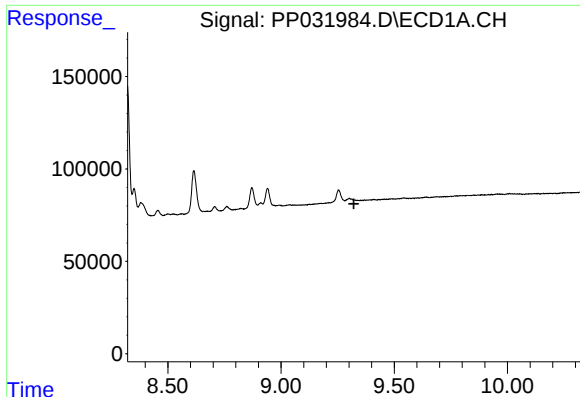
#38 AR-1262-3

R.T.: 9.254 min  
Delta R.T.: 0.021 min  
Response: 84539  
Conc: 29.50 ng/ml



#38 AR-1262-3

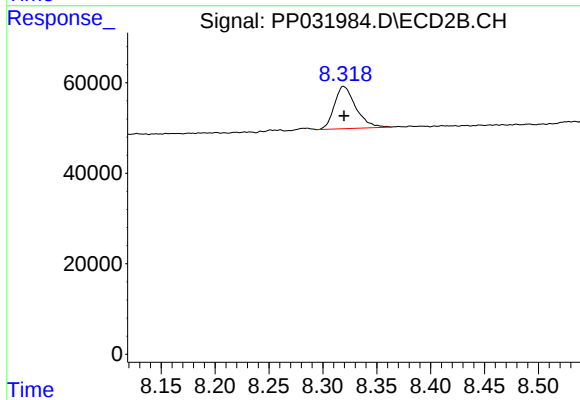
R.T.: 0.000 min  
Exp R.T.: 8.255 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

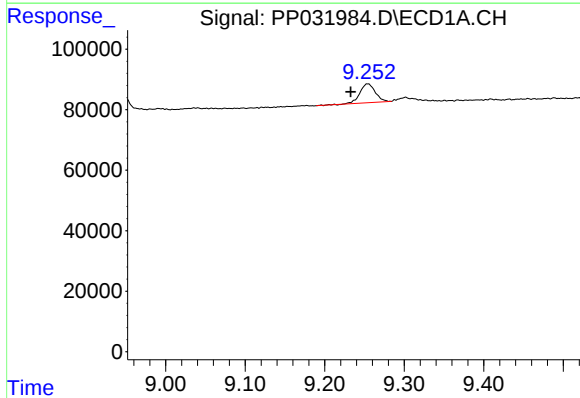
R.T.: 0.000 min  
Exp R.T.: 9.322 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



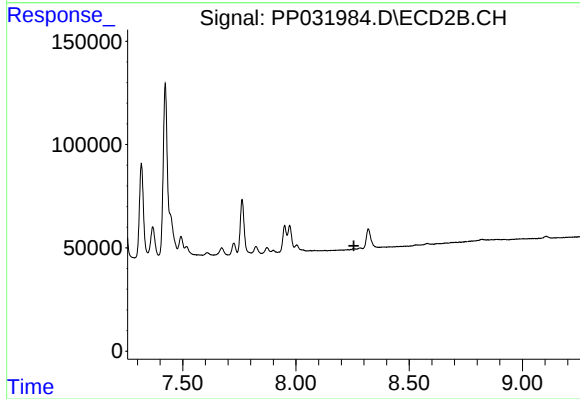
#39 AR-1262-4

R.T.: 8.319 min  
Delta R.T.: 0.000 min  
Response: 129103  
Conc: 38.37 ng/ml



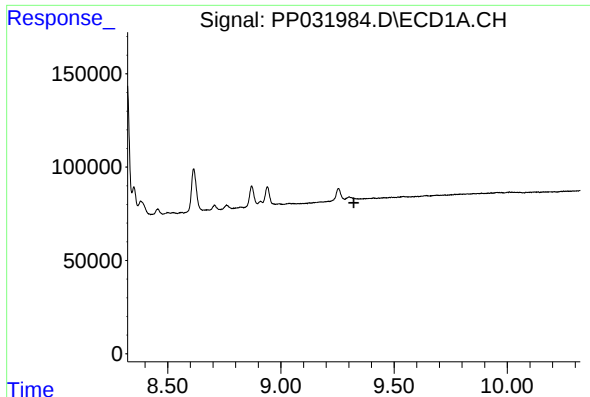
#41 AR-1268-1

R.T.: 9.254 min  
Delta R.T.: 0.021 min  
Response: 84539  
Conc: 16.27 ng/ml



#41 AR-1268-1

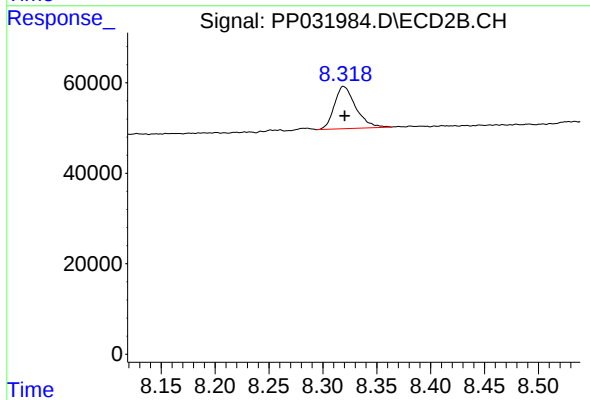
R.T.: 0.000 min  
Exp R.T.: 8.256 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 9.323 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254CCC500



#42 AR-1268-2

R.T.: 8.319 min  
Delta R.T.: 0.000 min  
Response: 129103  
Conc: 25.25 ng/ml