

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP082321\  
 Data File : PP038763.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 23 Aug 2021 10:11  
 Operator : AJ\MA  
 Sample : AR1254CCC500  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 23 14:38:47 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP081721.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Aug 18 04:51:26 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... | 4.889  | 3.869 | 1945073 | 1281783 | 48.196   | 53.488     |
| 2)                          | SA Decachlor... | 10.877 | 9.130 | 1267231 | 1228110 | 51.506   | 50.424     |
|                             |                 |        |       |         |         |          |            |
| Target Compounds            |                 |        |       |         |         |          |            |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.376 | 0       | 247669  | N.D.     | 472.936 #  |
| 7)                          | L1 AR-1016-5    | 6.718  | 5.602 | 184892  | 147899  | 218.113  | 222.989    |
| 9)                          | L2 AR-1221-2    | 5.241  | 0.000 | 27002   | 0       | 76.221   | N.D. #     |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.418 | 0       | 65685   | N.D.     | 265.481 #  |
| 15)                         | L3 AR-1232-5    | 6.501  | 5.602 | 307489  | 147899  | 1144.300 | 547.027 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.418 | 0       | 65685   | N.D.     | 137.416 #  |
| 20)                         | L4 AR-1242-5    | 7.189  | 5.980 | 159527  | 620636  | 223.128  | 1002.565 # |
| 22)                         | L5 AR-1248-2    | 6.501  | 5.376 | 307489  | 247669  | 313.621  | 333.237    |
| 23)                         | L5 AR-1248-3    | 6.718  | 5.418 | 184892  | 65685   | 160.174  | 86.500 #   |
| 24)                         | L5 AR-1248-4    | 7.148  | 5.602 | 268746  | 147899  | 217.633  | 159.897 #  |
| 25)                         | L5 AR-1248-5    | 7.189  | 6.023 | 159527  | 71829   | 130.474  | 79.554 #   |
| 26)                         | L6 AR-1254-1    | 7.116  | 5.980 | 488804  | 620636  | 428.393  | 472.582    |
| 27)                         | L6 AR-1254-2    | 7.346  | 6.141 | 722436  | 540219  | 418.353  | 470.667    |
| 28)                         | L6 AR-1254-3    | 7.728  | 6.558 | 753346  | 880214  | 419.663  | 473.042    |
| 29)                         | L6 AR-1254-4    | 8.025  | 6.799 | 540339  | 547524  | 418.766  | 468.519    |
| 30)                         | L6 AR-1254-5    | 8.454  | 7.226 | 559801  | 757538  | 452.616  | 468.683    |
| 31)                         | L7 AR-1260-1    | 7.894  | 6.697 | 288759  | 417040  | 241.276  | 356.387 #  |
| 32)                         | L7 AR-1260-2    | 8.160  | 6.894 | 340238  | 318417  | 231.898  | 223.691    |
| 33)                         | L7 AR-1260-3    | 8.514  | 7.044 | 74483   | 358696  | 77.627   | 249.413 #  |
| 34)                         | L7 AR-1260-4    | 8.751  | 7.528 | 232950  | 33355   | 204.856  | 29.700 #   |
| 35)                         | L7 AR-1260-5    | 9.081  | 7.778 | 103158  | 64958   | 45.971   | 23.981 #   |
| 36)                         | L8 AR-1262-1    | 8.514  | 7.226 | 74483   | 757538  | 50.105   | 838.098 #  |
| 37)                         | L8 AR-1262-2    | 9.081  | 7.778 | 103158  | 64958   | 38.746   | 21.025 #   |
| 38)                         | L8 AR-1262-3    | 9.411f | 0.000 | 66321   | 0       | 55.663   | N.D. #     |
| 39)                         | L8 AR-1262-4    | 0.000  | 8.122 | 0       | 87374   | N.D.     | 36.970 #   |
| 41)                         | L9 AR-1268-1    | 9.411f | 0.000 | 66321   | 0       | 20.676   | N.D. #     |
| 42)                         | L9 AR-1268-2    | 0.000  | 8.122 | 0       | 87374   | N.D.     | 25.327 #   |
| -----                       |                 |        |       |         |         |          |            |

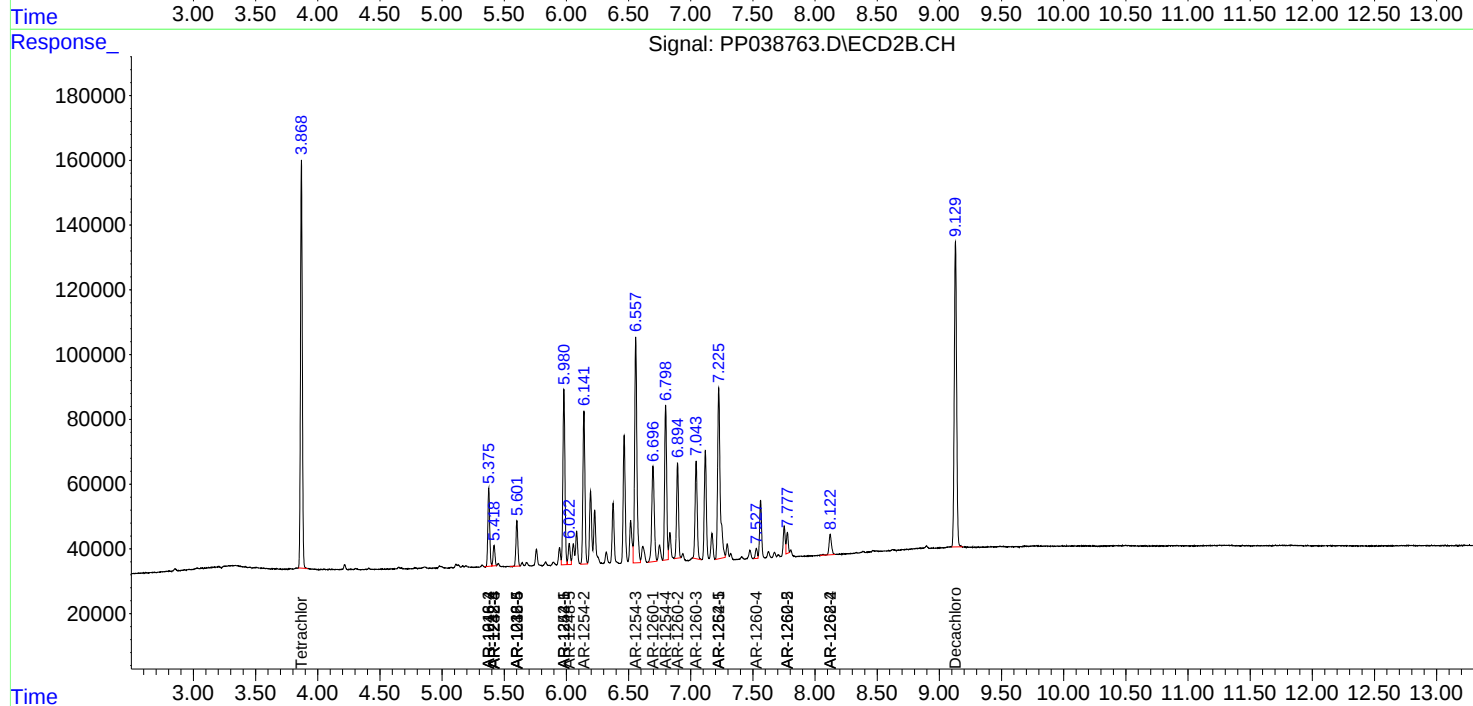
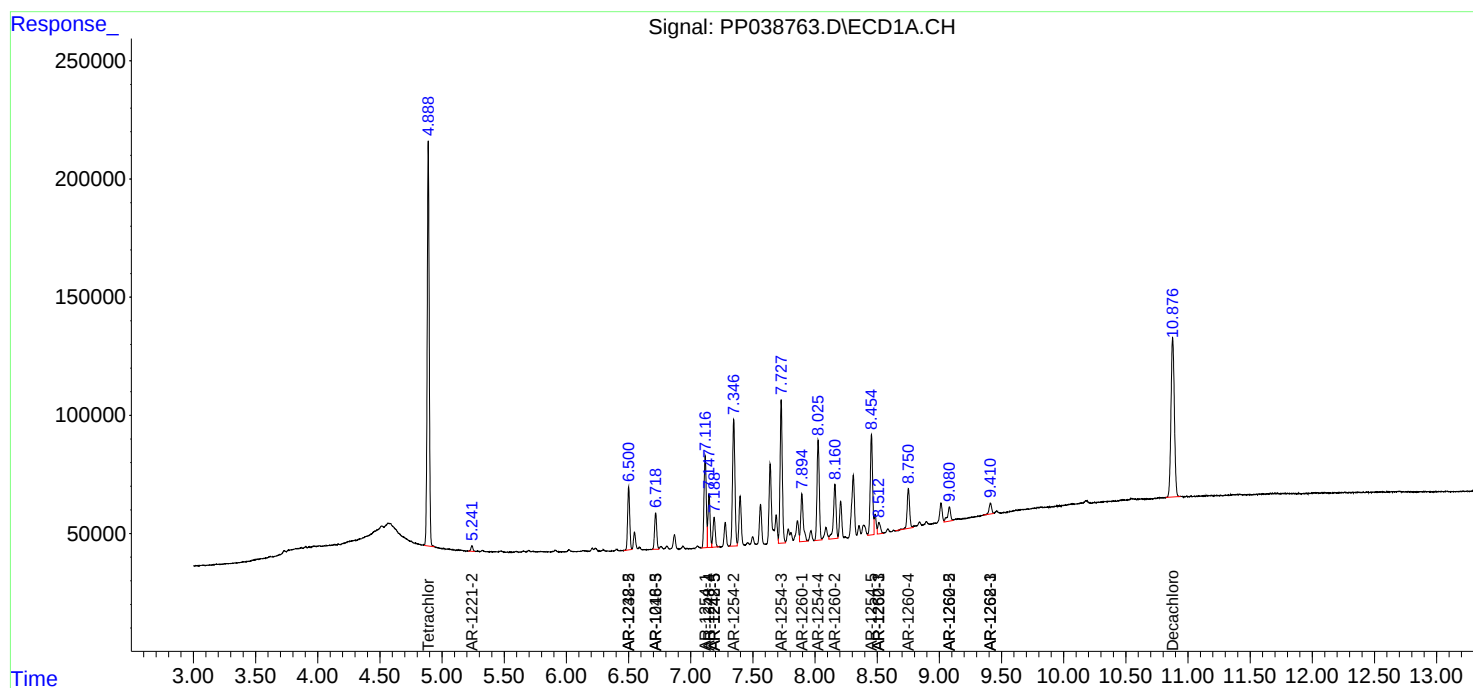
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

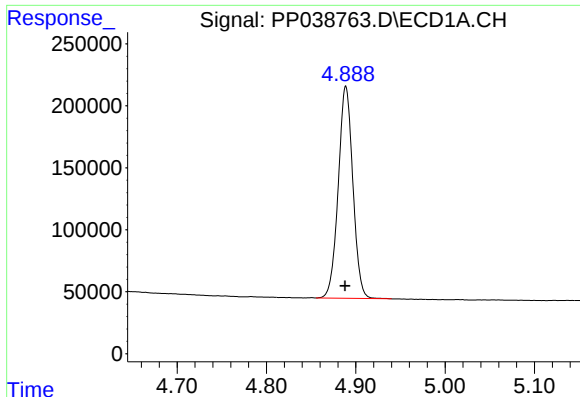
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP082321\  
Data File : PP038763.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 23 Aug 2021 10:11  
Operator : AJ\MA  
Sample : AR1254CCC500  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 23 14:38:47 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP081721.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Aug 18 04:51:26 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

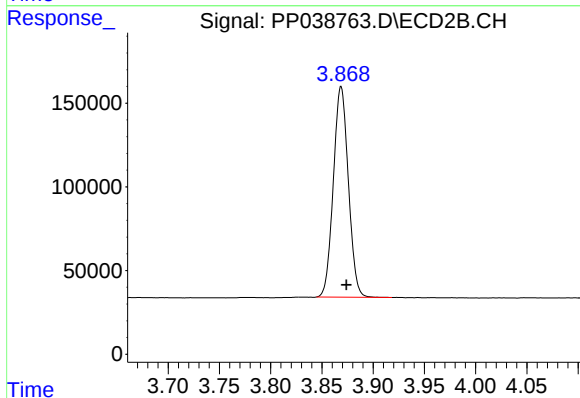




#1 Tetrachloro-m-xylene

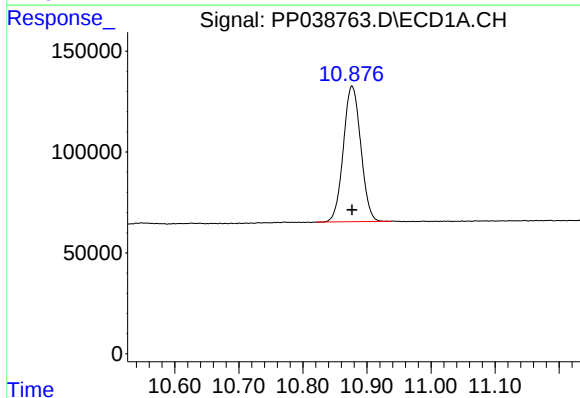
R.T.: 4.889 min  
Delta R.T.: 0.000 min  
Response: 1945073  
Conc: 48.20 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



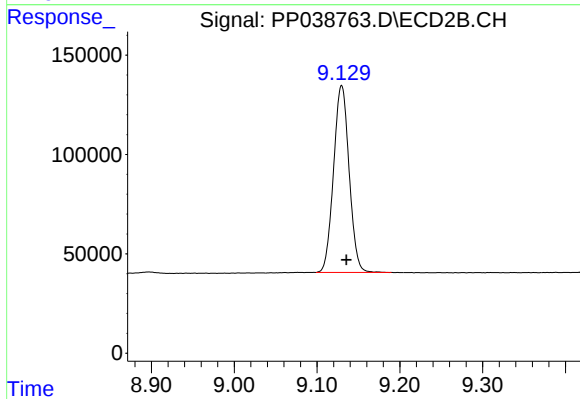
#1 Tetrachloro-m-xylene

R.T.: 3.869 min  
Delta R.T.: -0.005 min  
Response: 1281783  
Conc: 53.49 ng/ml



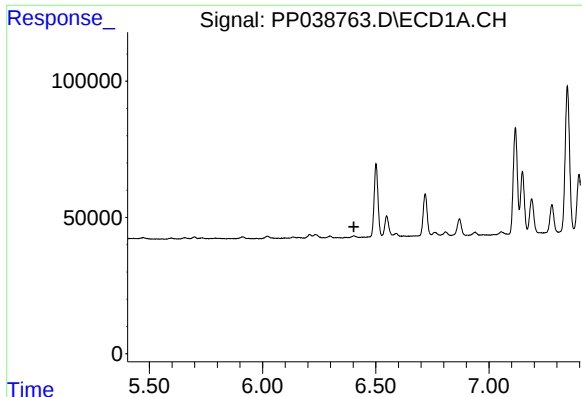
#2 Decachlorobiphenyl

R.T.: 10.877 min  
Delta R.T.: 0.000 min  
Response: 1267231  
Conc: 51.51 ng/ml



#2 Decachlorobiphenyl

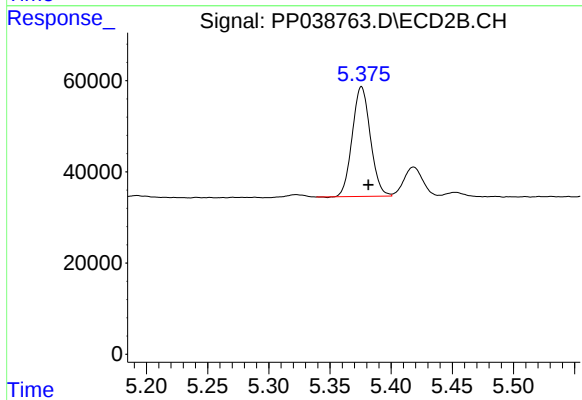
R.T.: 9.130 min  
Delta R.T.: -0.006 min  
Response: 1228110  
Conc: 50.42 ng/ml



#6 AR-1016-4

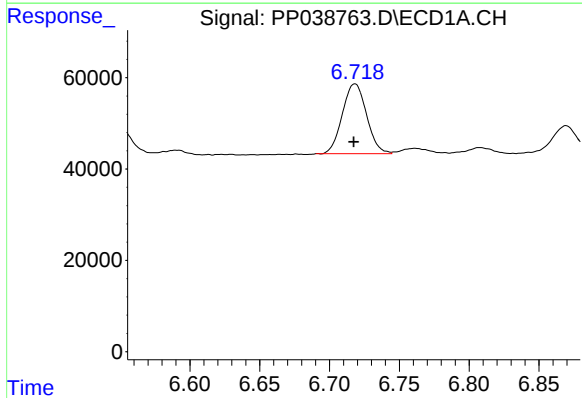
R.T.: 0.000 min  
Exp R.T.: 6.403 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



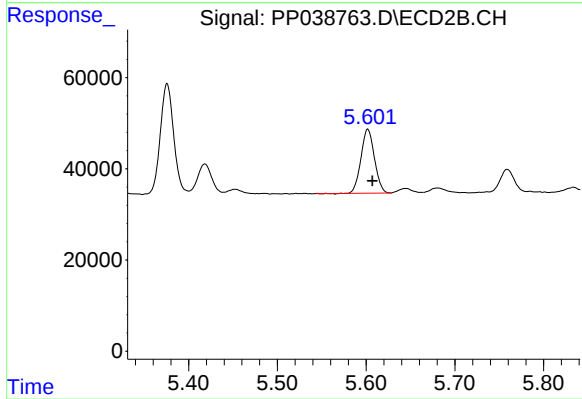
#6 AR-1016-4

R.T.: 5.376 min  
Delta R.T.: -0.006 min  
Response: 247669  
Conc: 472.94 ng/ml



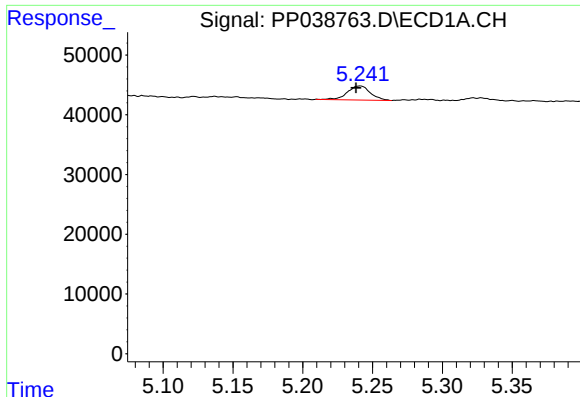
#7 AR-1016-5

R.T.: 6.718 min  
Delta R.T.: 0.000 min  
Response: 184892  
Conc: 218.11 ng/ml



#7 AR-1016-5

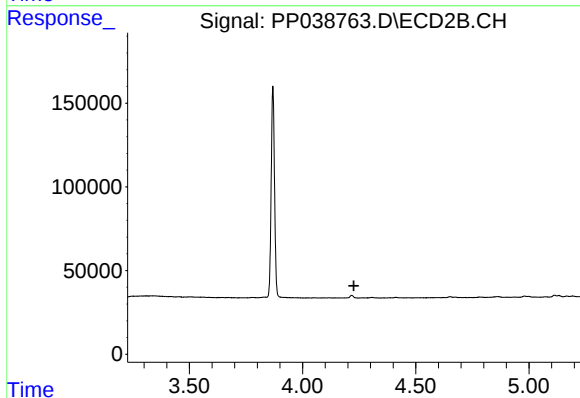
R.T.: 5.602 min  
Delta R.T.: -0.005 min  
Response: 147899  
Conc: 222.99 ng/ml



#9 AR-1221-2

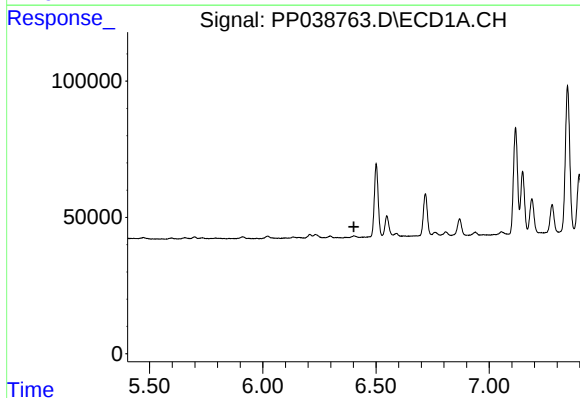
R.T.: 5.241 min  
Delta R.T.: 0.003 min  
Response: 27002  
Conc: 76.22 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



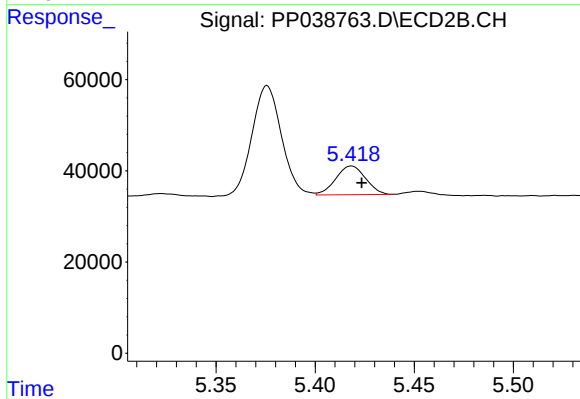
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T. : 4.227 min  
Response: 0  
Conc: N.D.



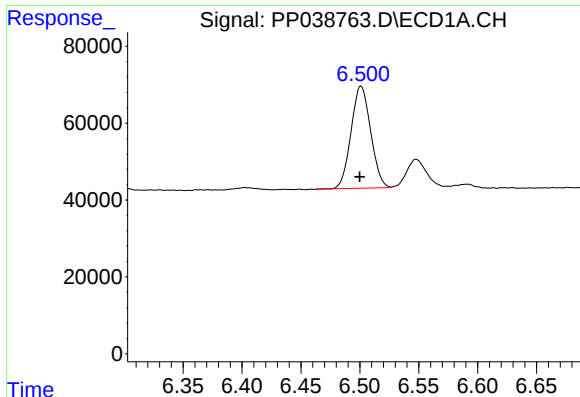
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 6.402 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

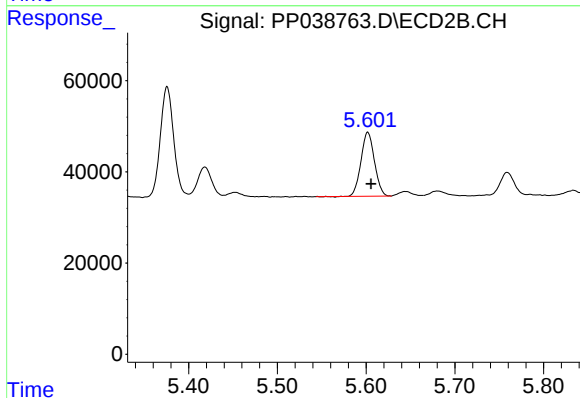
R.T.: 5.418 min  
Delta R.T.: -0.005 min  
Response: 65685  
Conc: 265.48 ng/ml



#15 AR-1232-5

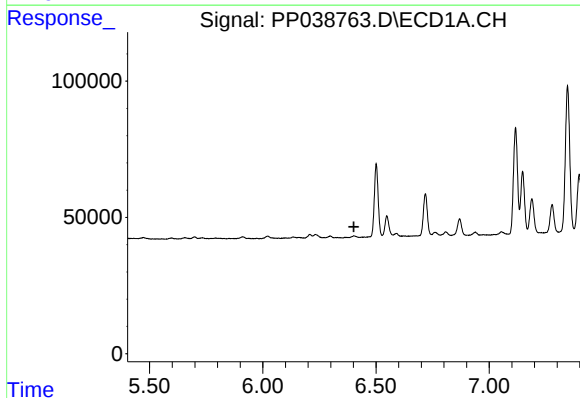
R.T.: 6.501 min  
Delta R.T.: 0.001 min  
Response: 307489  
Conc: 1144.30 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



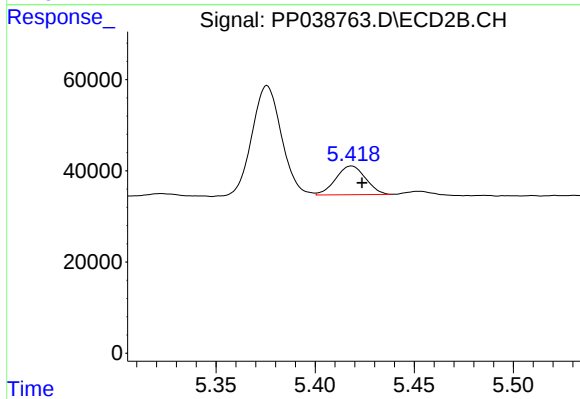
#15 AR-1232-5

R.T.: 5.602 min  
Delta R.T.: -0.004 min  
Response: 147899  
Conc: 547.03 ng/ml



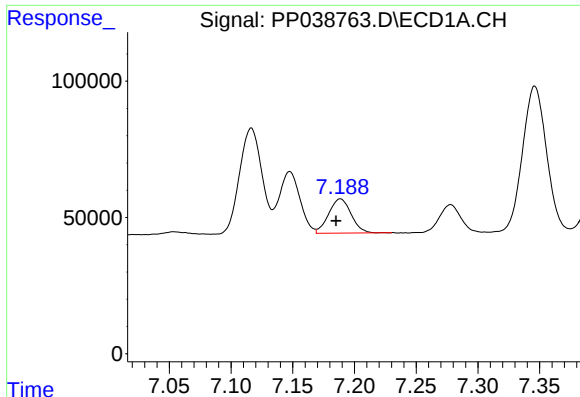
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 6.403 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

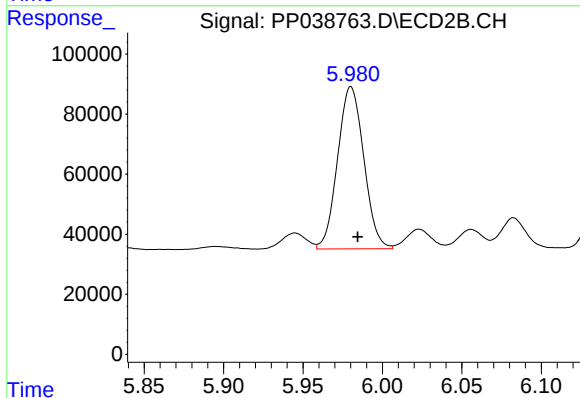
R.T.: 5.418 min  
Delta R.T.: -0.005 min  
Response: 65685  
Conc: 137.42 ng/ml



#20 AR-1242-5

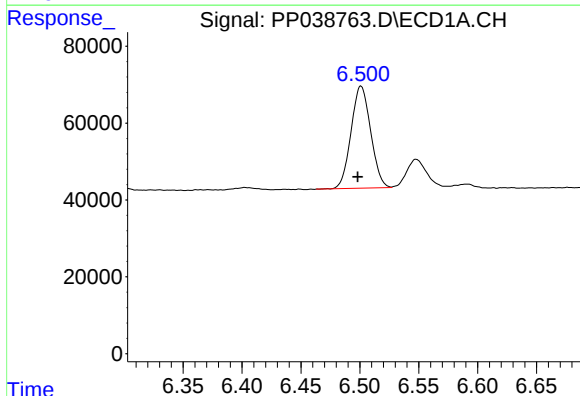
R.T.: 7.189 min  
Delta R.T.: 0.004 min  
Response: 159527  
Conc: 223.13 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



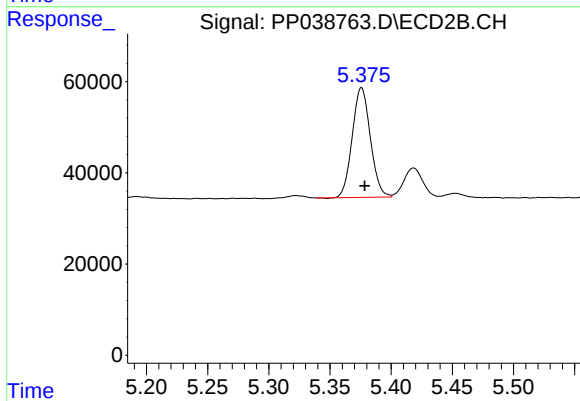
#20 AR-1242-5

R.T.: 5.980 min  
Delta R.T.: -0.004 min  
Response: 620636  
Conc: 1002.56 ng/ml



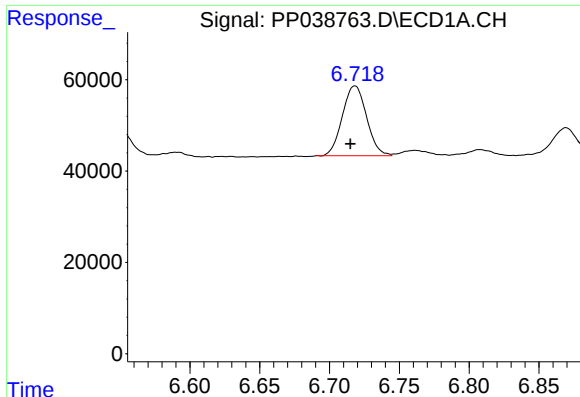
#22 AR-1248-2

R.T.: 6.501 min  
Delta R.T.: 0.003 min  
Response: 307489  
Conc: 313.62 ng/ml



#22 AR-1248-2

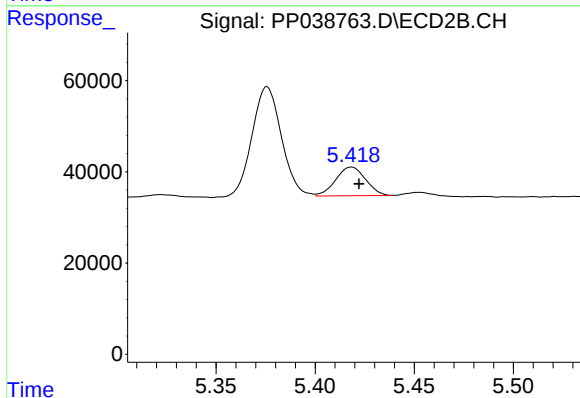
R.T.: 5.376 min  
Delta R.T.: -0.003 min  
Response: 247669  
Conc: 333.24 ng/ml



#23 AR-1248-3

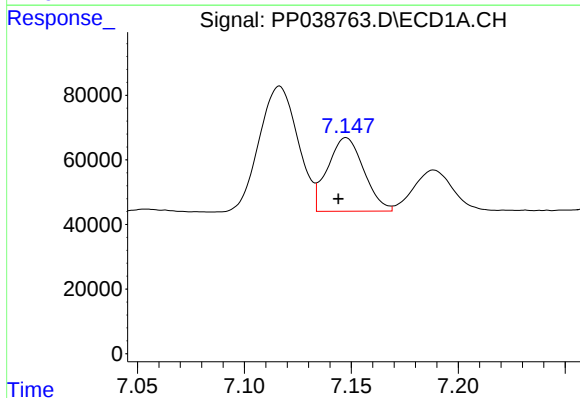
R.T.: 6.718 min  
Delta R.T.: 0.003 min  
Response: 184892  
Conc: 160.17 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



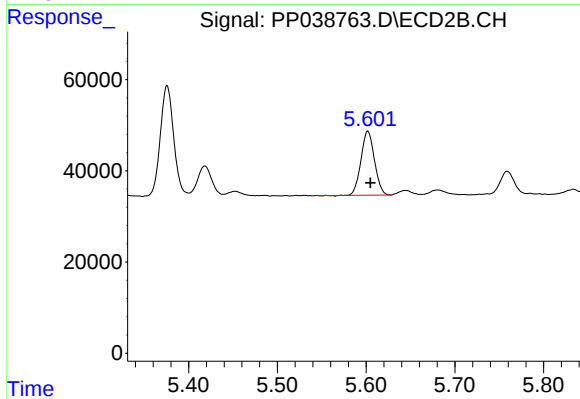
#23 AR-1248-3

R.T.: 5.418 min  
Delta R.T.: -0.004 min  
Response: 65685  
Conc: 86.50 ng/ml



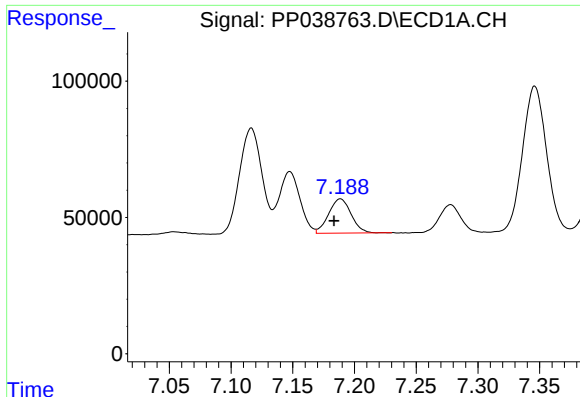
#24 AR-1248-4

R.T.: 7.148 min  
Delta R.T.: 0.004 min  
Response: 268746  
Conc: 217.63 ng/ml



#24 AR-1248-4

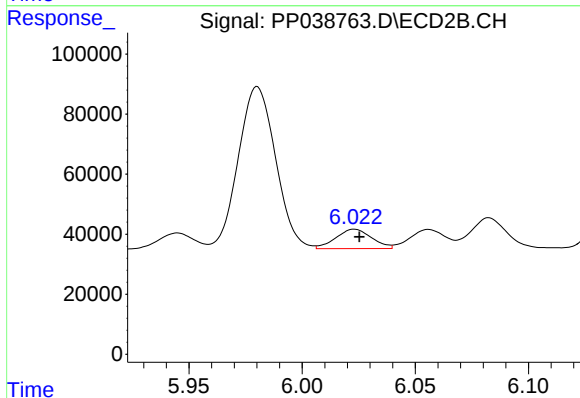
R.T.: 5.602 min  
Delta R.T.: -0.003 min  
Response: 147899  
Conc: 159.90 ng/ml



#25 AR-1248-5

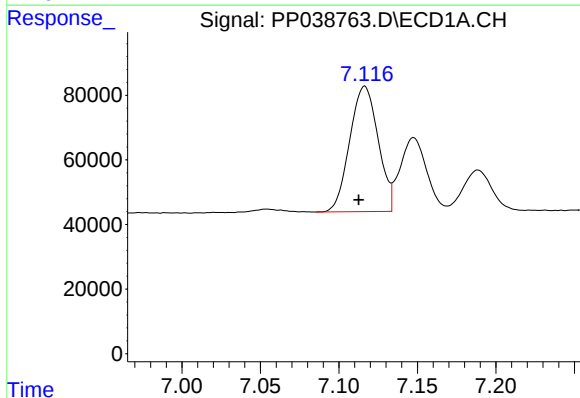
R.T.: 7.189 min  
Delta R.T.: 0.005 min  
Response: 159527  
Conc: 130.47 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



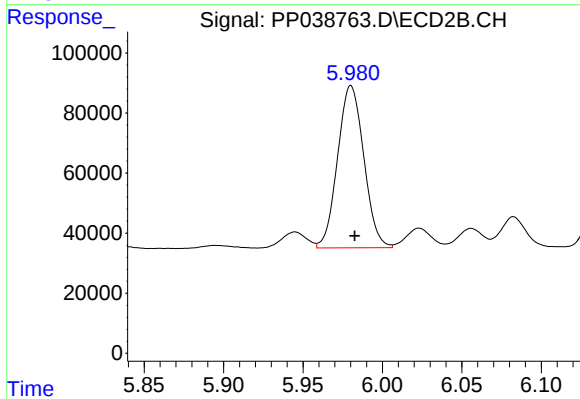
#25 AR-1248-5

R.T.: 6.023 min  
Delta R.T.: -0.002 min  
Response: 71829  
Conc: 79.55 ng/ml



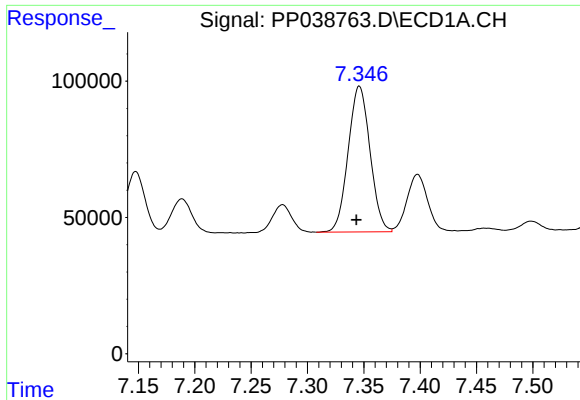
#26 AR-1254-1

R.T.: 7.116 min  
Delta R.T.: 0.004 min  
Response: 488804  
Conc: 428.39 ng/ml



#26 AR-1254-1

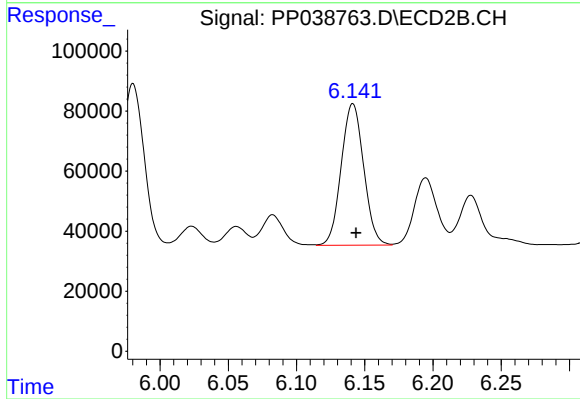
R.T.: 5.980 min  
Delta R.T.: -0.002 min  
Response: 620636  
Conc: 472.58 ng/ml



#27 AR-1254-2

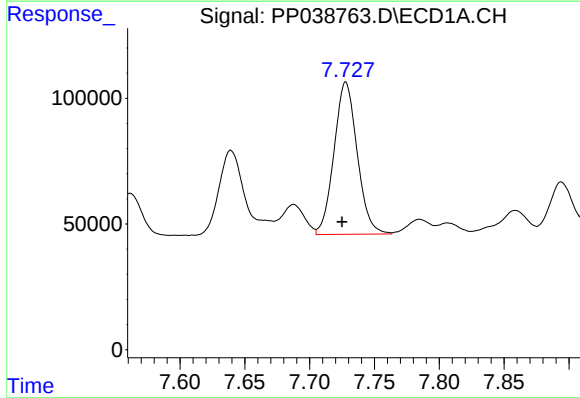
R.T.: 7.346 min  
Delta R.T.: 0.003 min  
Response: 722436  
Conc: 418.35 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



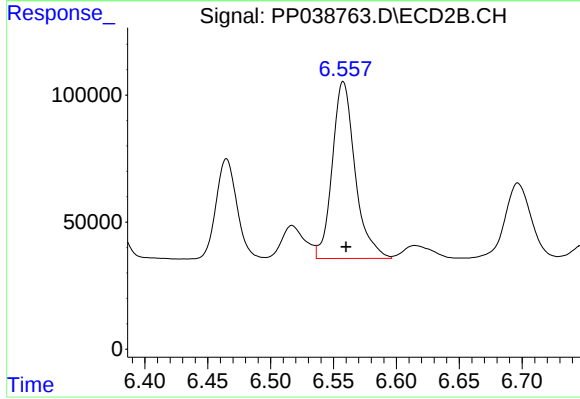
#27 AR-1254-2

R.T.: 6.141 min  
Delta R.T.: -0.002 min  
Response: 540219  
Conc: 470.67 ng/ml



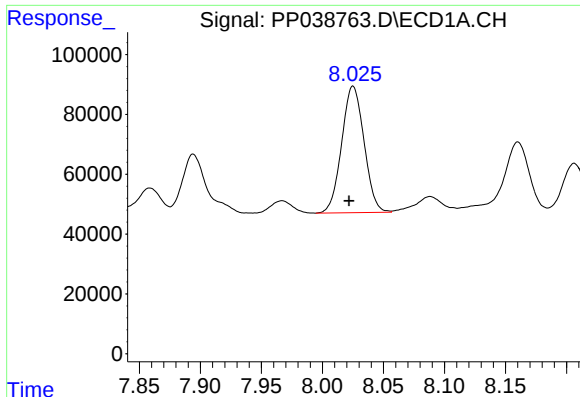
#28 AR-1254-3

R.T.: 7.728 min  
Delta R.T.: 0.003 min  
Response: 753346  
Conc: 419.66 ng/ml



#28 AR-1254-3

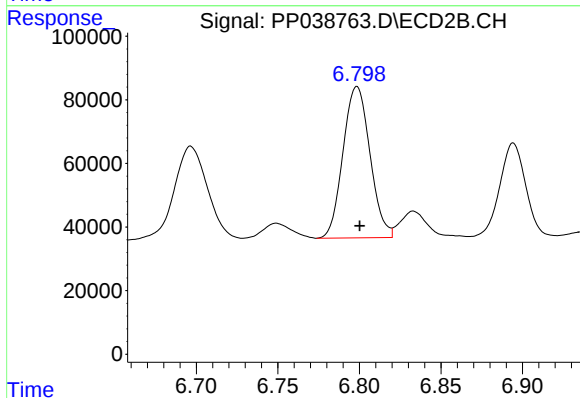
R.T.: 6.558 min  
Delta R.T.: -0.002 min  
Response: 880214  
Conc: 473.04 ng/ml



#29 AR-1254-4

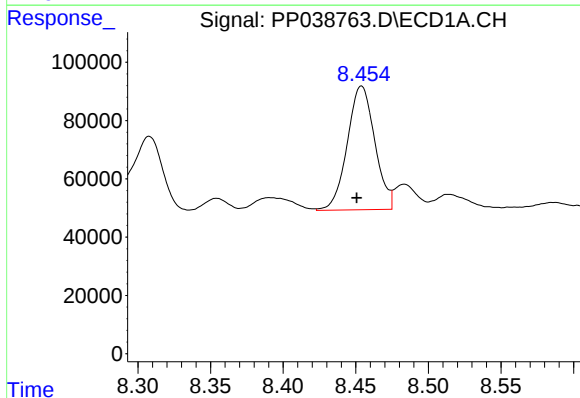
R.T.: 8.025 min  
Delta R.T.: 0.003 min  
Response: 540339  
Conc: 418.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



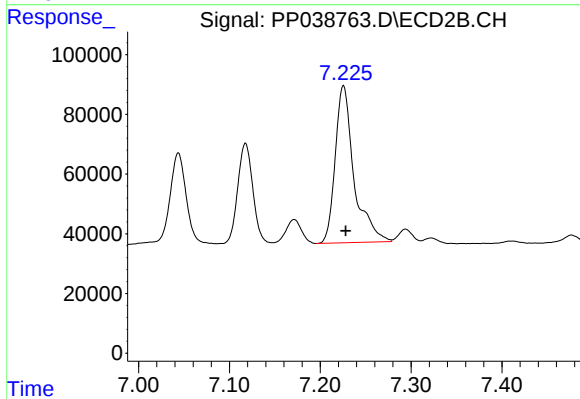
#29 AR-1254-4

R.T.: 6.799 min  
Delta R.T.: -0.002 min  
Response: 547524  
Conc: 468.52 ng/ml



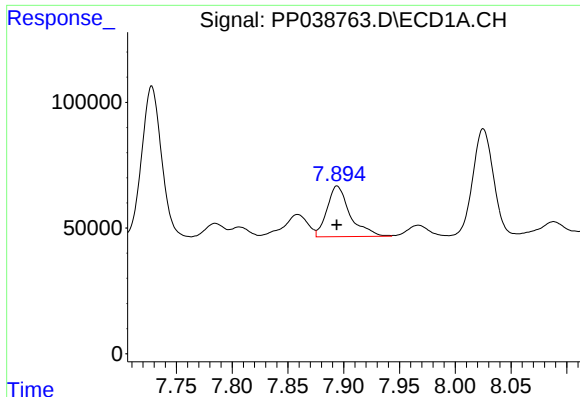
#30 AR-1254-5

R.T.: 8.454 min  
Delta R.T.: 0.003 min  
Response: 559801  
Conc: 452.62 ng/ml



#30 AR-1254-5

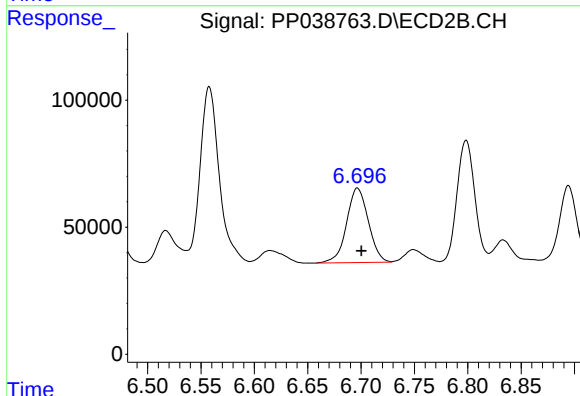
R.T.: 7.226 min  
Delta R.T.: -0.002 min  
Response: 757538  
Conc: 468.68 ng/ml



#31 AR-1260-1

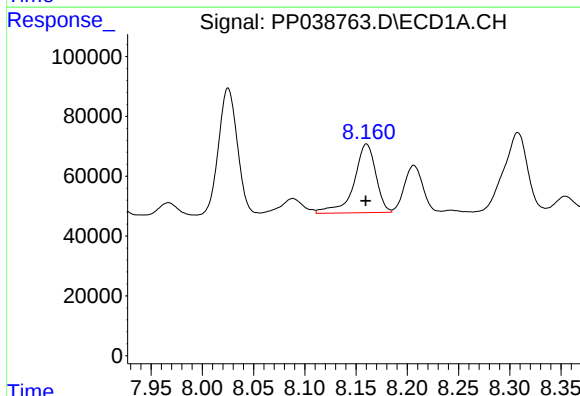
R.T.: 7.894 min  
Delta R.T.: 0.000 min  
Response: 288759  
Conc: 241.28 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



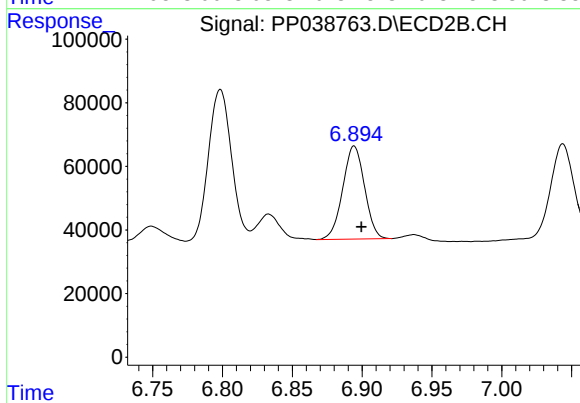
#31 AR-1260-1

R.T.: 6.697 min  
Delta R.T.: -0.004 min  
Response: 417040  
Conc: 356.39 ng/ml



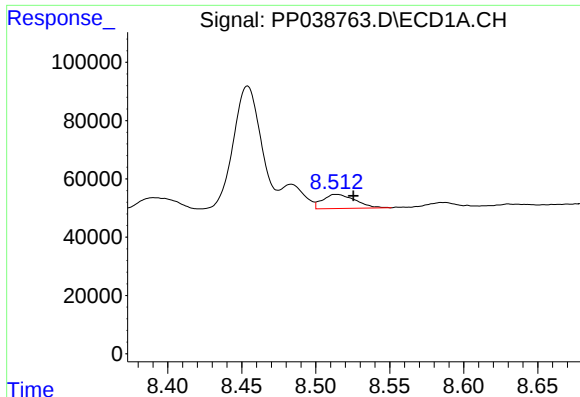
#32 AR-1260-2

R.T.: 8.160 min  
Delta R.T.: 0.000 min  
Response: 340238  
Conc: 231.90 ng/ml



#32 AR-1260-2

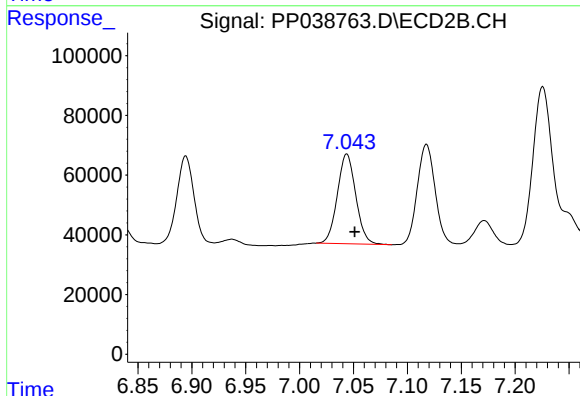
R.T.: 6.894 min  
Delta R.T.: -0.005 min  
Response: 318417  
Conc: 223.69 ng/ml



#33 AR-1260-3

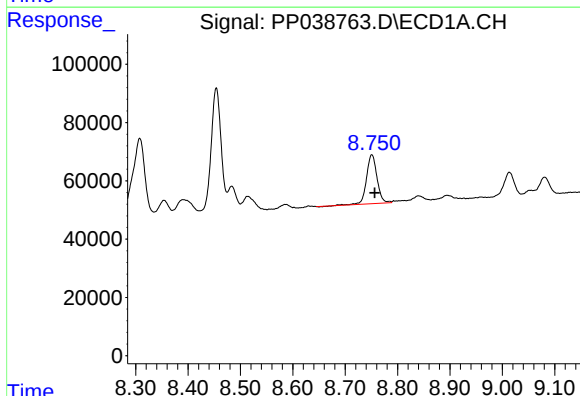
R.T.: 8.514 min  
Delta R.T.: -0.012 min  
Response: 74483  
Conc: 77.63 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



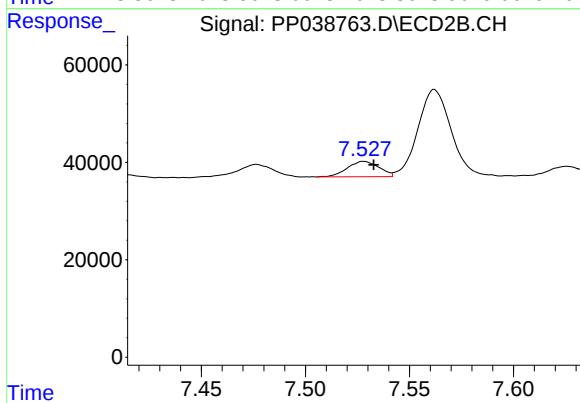
#33 AR-1260-3

R.T.: 7.044 min  
Delta R.T.: -0.007 min  
Response: 358696  
Conc: 249.41 ng/ml



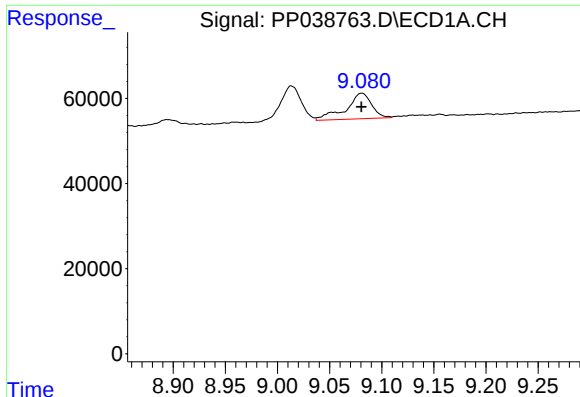
#34 AR-1260-4

R.T.: 8.751 min  
Delta R.T.: -0.005 min  
Response: 232950  
Conc: 204.86 ng/ml



#34 AR-1260-4

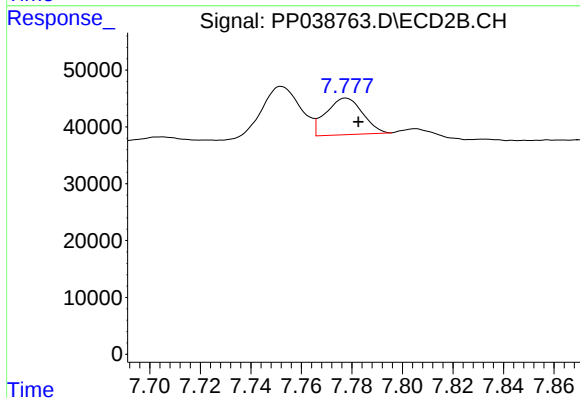
R.T.: 7.528 min  
Delta R.T.: -0.005 min  
Response: 33355  
Conc: 29.70 ng/ml



#35 AR-1260-5

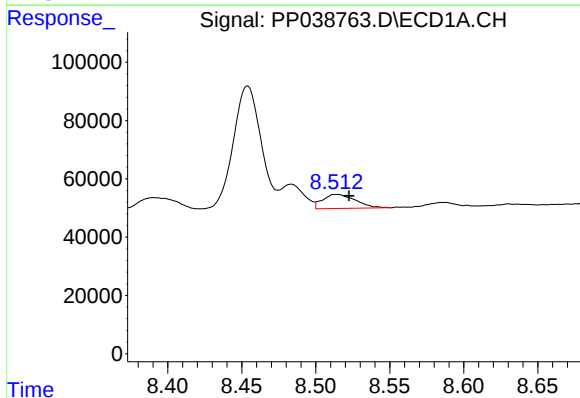
R.T.: 9.081 min  
Delta R.T.: 0.000 min  
Response: 103158  
Conc: 45.97 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



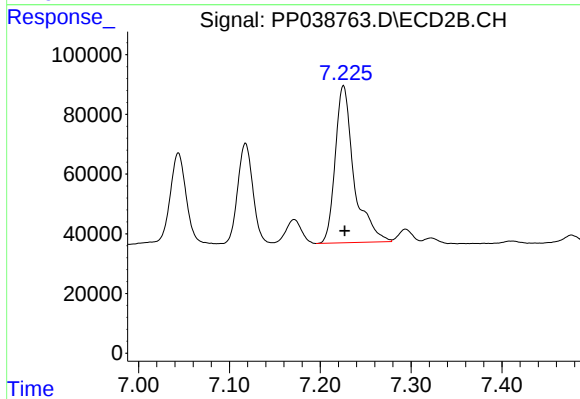
#35 AR-1260-5

R.T.: 7.778 min  
Delta R.T.: -0.005 min  
Response: 64958  
Conc: 23.98 ng/ml



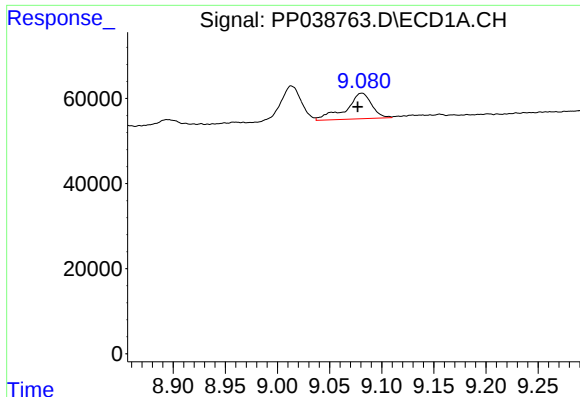
#36 AR-1262-1

R.T.: 8.514 min  
Delta R.T.: -0.009 min  
Response: 74483  
Conc: 50.11 ng/ml



#36 AR-1262-1

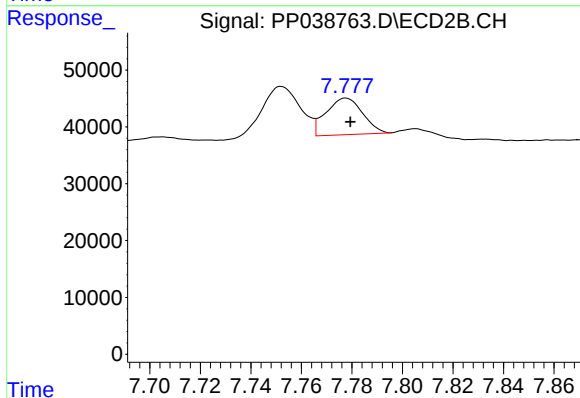
R.T.: 7.226 min  
Delta R.T.: -0.001 min  
Response: 757538  
Conc: 838.10 ng/ml



#37 AR-1262-2

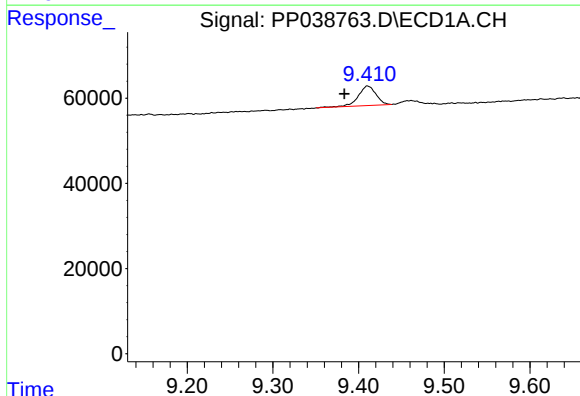
R.T.: 9.081 min  
Delta R.T.: 0.004 min  
Response: 103158  
Conc: 38.75 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



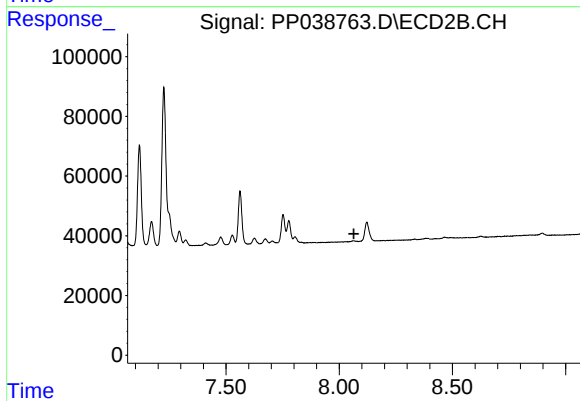
#37 AR-1262-2

R.T.: 7.778 min  
Delta R.T.: -0.002 min  
Response: 64958  
Conc: 21.02 ng/ml



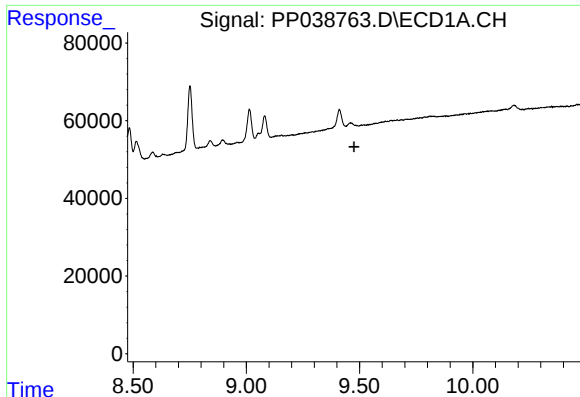
#38 AR-1262-3

R.T.: 9.411 min  
Delta R.T.: 0.027 min  
Response: 66321  
Conc: 55.66 ng/ml



#38 AR-1262-3

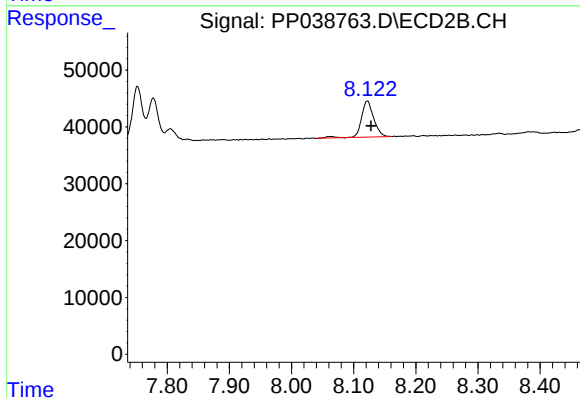
R.T.: 0.000 min  
Exp R.T.: 8.065 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

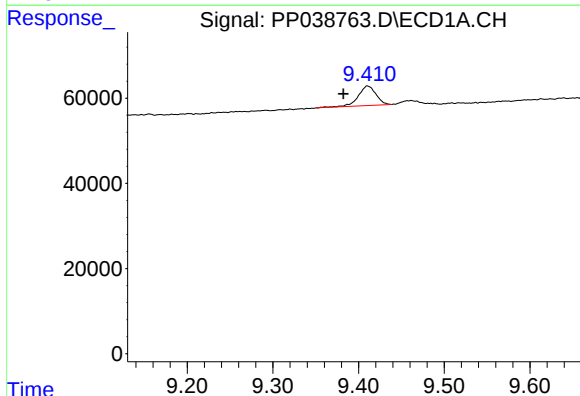
R.T.: 0.000 min  
Exp R.T.: 9.475 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



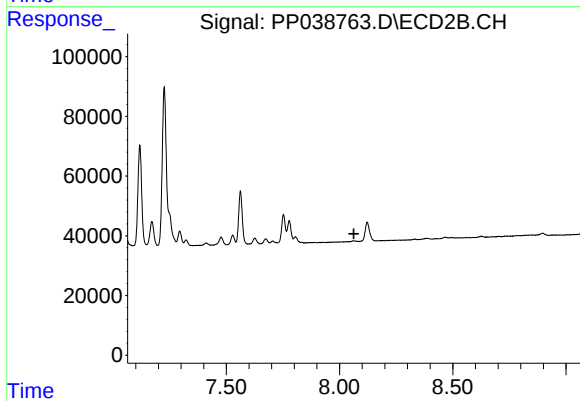
#39 AR-1262-4

R.T.: 8.122 min  
Delta R.T.: -0.006 min  
Response: 87374  
Conc: 36.97 ng/ml



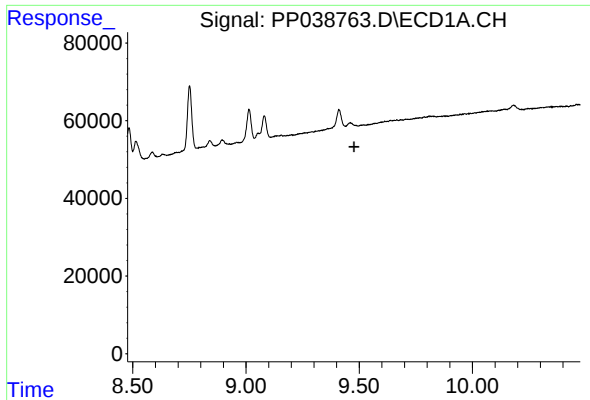
#41 AR-1268-1

R.T.: 9.411 min  
Delta R.T.: 0.028 min  
Response: 66321  
Conc: 20.68 ng/ml



#41 AR-1268-1

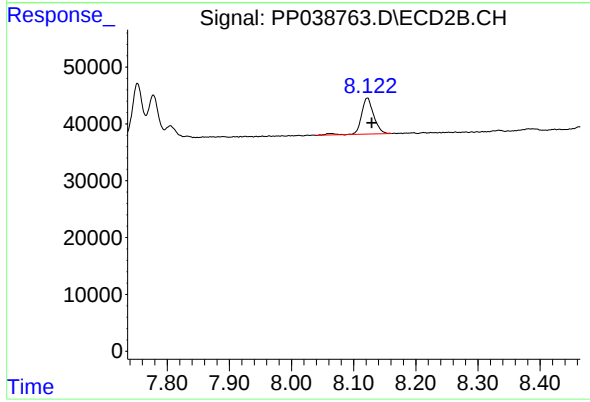
R.T.: 0.000 min  
Exp R.T.: 8.063 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 9.477 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



#42 AR-1268-2

R.T.: 8.122 min  
Delta R.T.: -0.007 min  
Response: 87374  
Conc: 25.33 ng/ml