

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP101321\  
 Data File : PP040025.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 13 Oct 2021 14:14  
 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: Oct 14 02:28:21 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP101221.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Oct 13 08:03:59 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... | 4.895   | 3.984  | 1407830 | 870374 | 46.358  | 51.483    |
| 2)                          | SA Decachlor... | 10.915  | 9.312  | 1097239 | 944701 | 44.393  | 44.513    |
| Target Compounds            |                 |         |        |         |        |         |           |
| 6)                          | L1 AR-1016-4    | 0.000   | 5.512  | 0       | 182936 | N.D.    | 446.781 # |
| 7)                          | L1 AR-1016-5    | 6.731   | 5.743  | 110814  | 99301  | 173.256 | 198.338   |
| 9)                          | L2 AR-1221-2    | 0.000   | 4.339  | 0       | 11898  | N.D.    | 70.731 #  |
| 14)                         | L3 AR-1232-4    | 0.000   | 5.557  | 0       | 50147  | N.D.    | 265.032 # |
| 15)                         | L3 AR-1232-5    | 6.512   | 5.743  | 213055  | 99301  | 908.586 | 480.965 # |
| 19)                         | L4 AR-1242-4    | 0.000   | 5.557  | 0       | 50147  | N.D.    | 135.376 # |
| 20)                         | L4 AR-1242-5    | 7.202   | 6.124  | 101133  | 445197 | 193.371 | 933.398 # |
| 22)                         | L5 AR-1248-2    | 6.512   | 5.512  | 213055  | 182936 | 266.147 | 340.347 # |
| 23)                         | L5 AR-1248-3    | 6.731   | 5.557  | 110814  | 50147  | 123.587 | 88.710 #  |
| 24)                         | L5 AR-1248-4    | 7.160   | 5.743  | 173067  | 99301  | 188.067 | 155.385   |
| 25)                         | L5 AR-1248-5    | 7.202   | 6.167  | 101133  | 50718  | 114.326 | 81.300 #  |
| 26)                         | L6 AR-1254-1    | 7.129   | 6.124  | 367929  | 445197 | 396.563 | 464.702   |
| 27)                         | L6 AR-1254-2    | 7.359   | 6.284  | 561900  | 405757 | 405.889 | 459.730   |
| 28)                         | L6 AR-1254-3    | 7.742   | 6.707  | 585160  | 620670 | 410.736 | 455.247   |
| 29)                         | L6 AR-1254-4    | 8.039   | 6.947  | 434015  | 392987 | 410.151 | 458.174   |
| 30)                         | L6 AR-1254-5    | 8.468   | 7.378  | 494242  | 579563 | 422.848 | 448.992   |
| 31)                         | L7 AR-1260-1    | 7.909   | 6.845  | 247676  | 321701 | 226.729 | 321.175 # |
| 32)                         | L7 AR-1260-2    | 8.175   | 7.041  | 278822  | 271750 | 204.001 | 229.498   |
| 33)                         | L7 AR-1260-3    | 8.529   | 7.196  | 58868   | 277524 | 64.602  | 234.890 # |
| 34)                         | L7 AR-1260-4    | 8.765   | 7.683  | 203504  | 28055  | 192.802 | 31.920 #  |
| 35)                         | L7 AR-1260-5    | 9.096   | 7.931  | 59583   | 63242  | 28.772  | 30.945    |
| 36)                         | L8 AR-1262-1    | 8.529   | 7.378  | 58868   | 579563 | 43.169  | 825.033 # |
| 37)                         | L8 AR-1262-2    | 9.096   | 7.931  | 59583   | 63242  | 24.027  | 28.102    |
| 38)                         | L8 AR-1262-3    | 9.430f  | 8.190f | 66388   | 10287  | 57.724  | 10.563 #  |
| 39)                         | L8 AR-1262-4    | 9.476f  | 8.280  | 10747   | 67425  | 13.152  | 38.033 #  |
| 41)                         | L9 AR-1268-1    | 9.430f  | 8.190f | 66388   | 10287  | 22.481  | 3.812 #   |
| 42)                         | L9 AR-1268-2    | 9.476f  | 8.280  | 10747   | 67425  | 3.806   | 26.930 #  |
| 43)                         | L9 AR-1268-3    | 0.000   | 8.516f | 0       | 7741   | N.D.    | 3.535 #   |
| 45)                         | L9 AR-1268-5    | 10.593f | 0.000  | 39903   | 0      | 4.639   | N.D. #    |
| -----                       |                 |         |        |         |        |         |           |

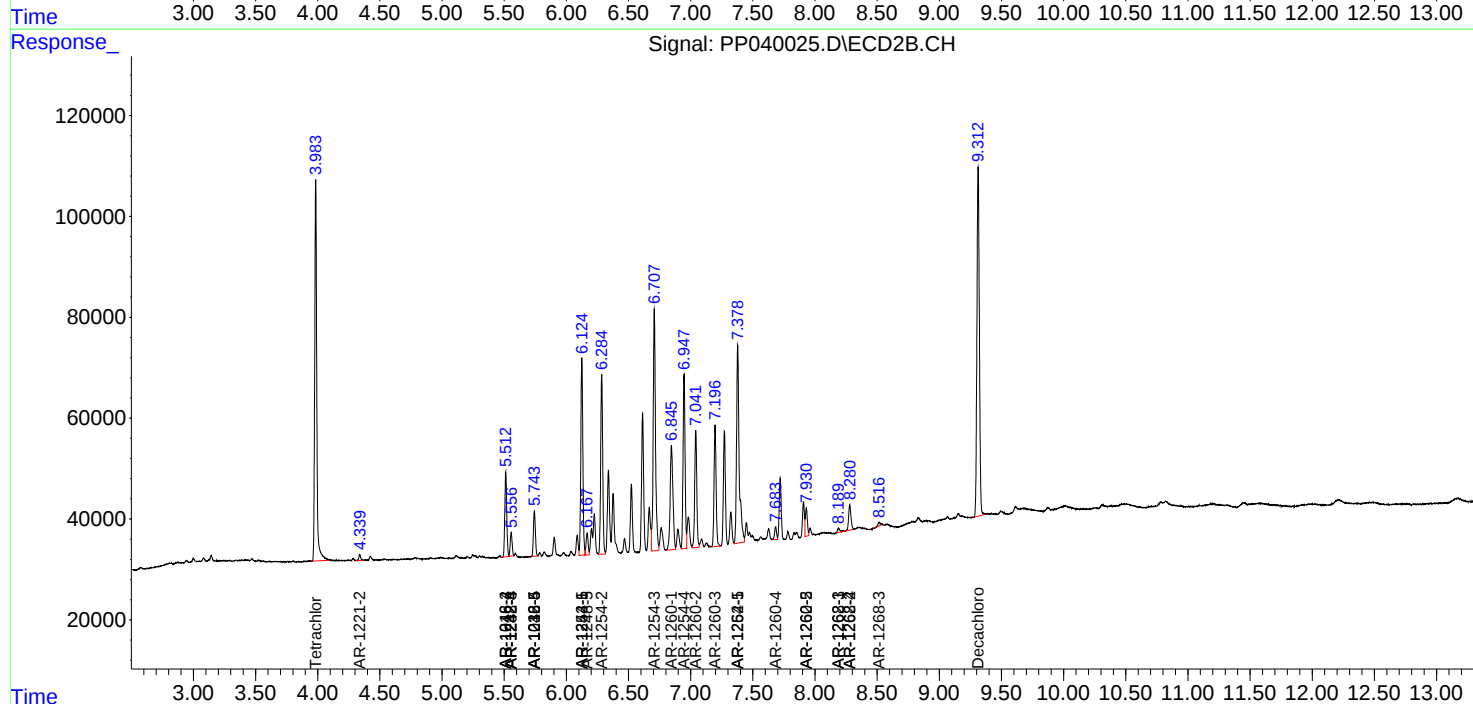
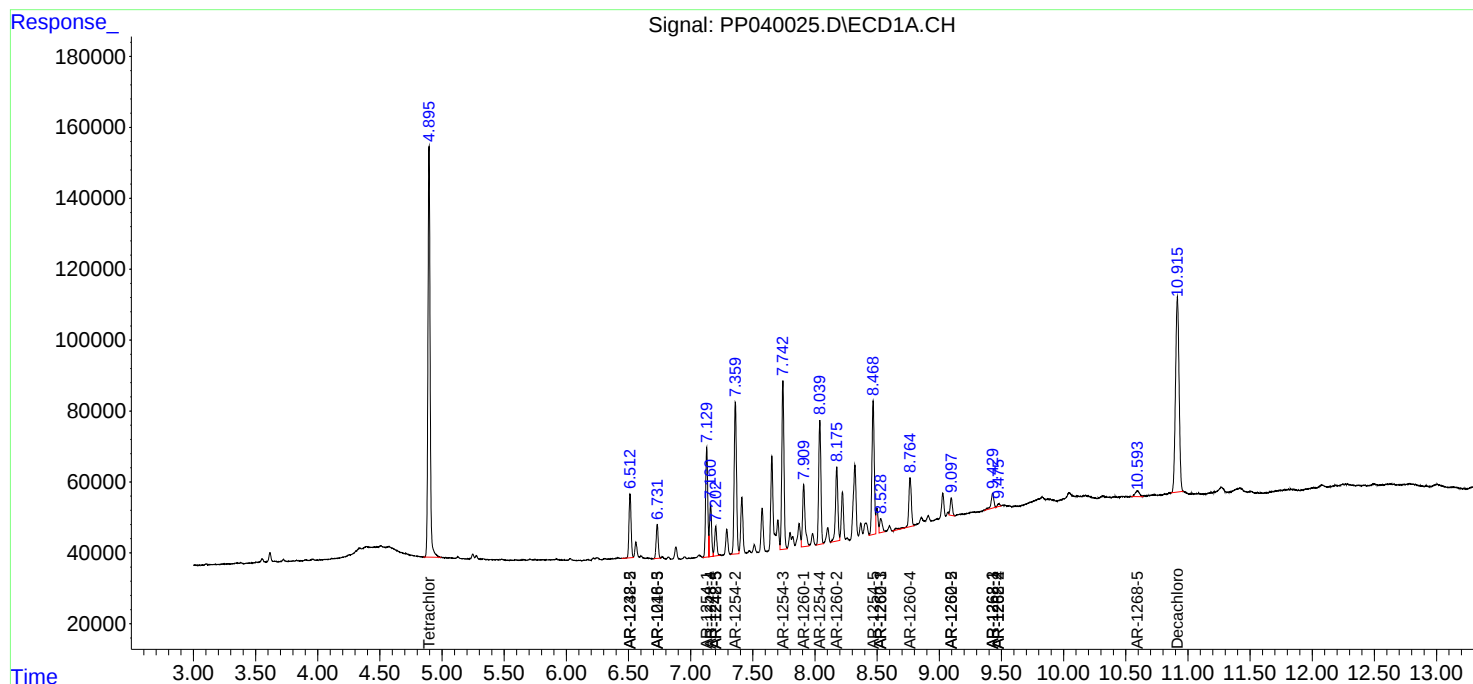
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

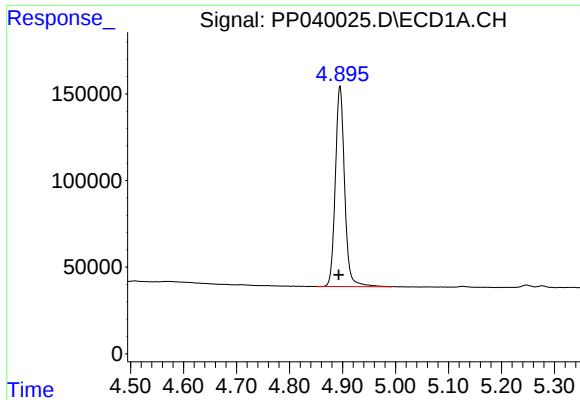
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP101321\  
Data File : PP040025.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 13 Oct 2021 14:14  
Operator : AJ\MA  
Sample : AR1254CCC500  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 14 02:28:21 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP101221.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Oct 13 08:03:59 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

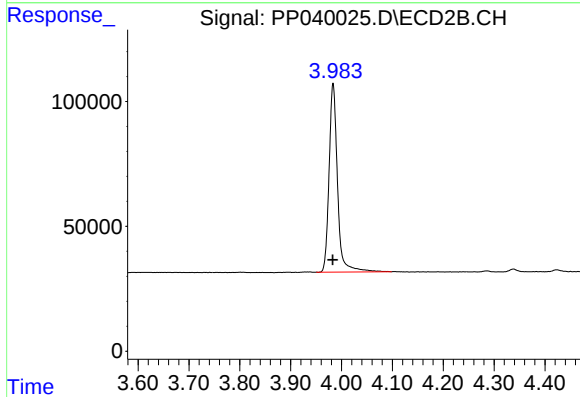




#1 Tetrachloro-m-xylene

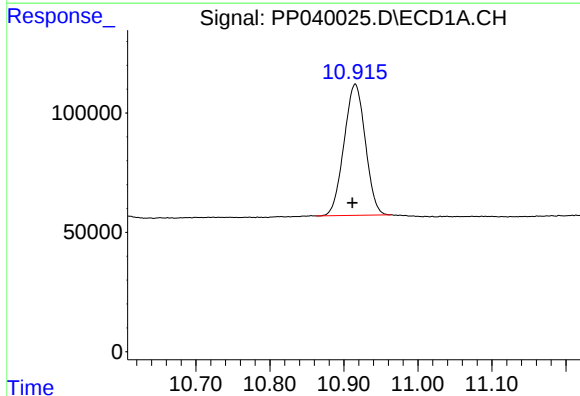
R.T.: 4.895 min  
Delta R.T.: 0.002 min  
Response: 1407830  
Conc: 46.36 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



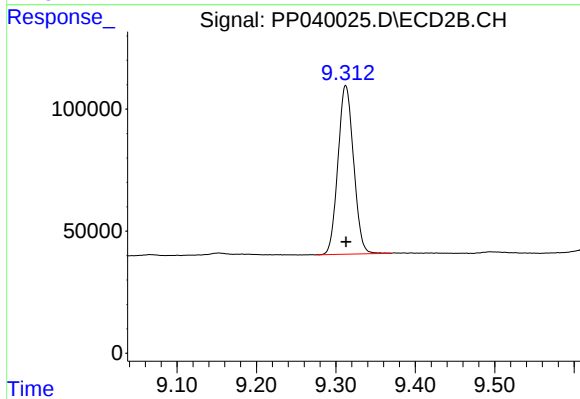
#1 Tetrachloro-m-xylene

R.T.: 3.984 min  
Delta R.T.: 0.001 min  
Response: 870374  
Conc: 51.48 ng/ml



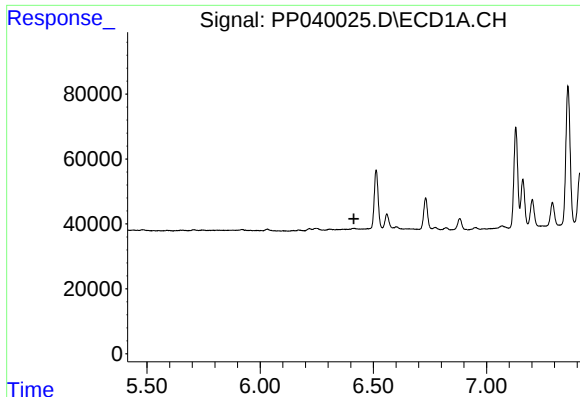
#2 Decachlorobiphenyl

R.T.: 10.915 min  
Delta R.T.: 0.004 min  
Response: 1097239  
Conc: 44.39 ng/ml



#2 Decachlorobiphenyl

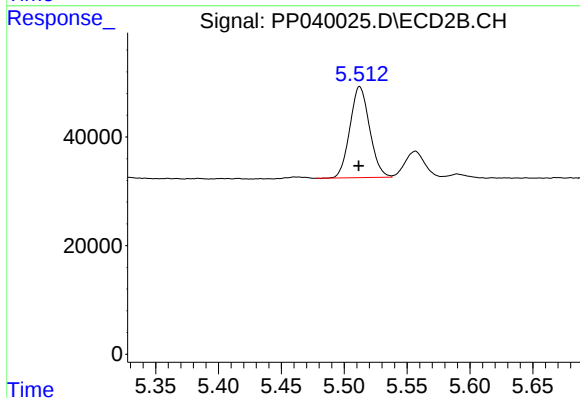
R.T.: 9.312 min  
Delta R.T.: 0.000 min  
Response: 944701  
Conc: 44.51 ng/ml



#6 AR-1016-4

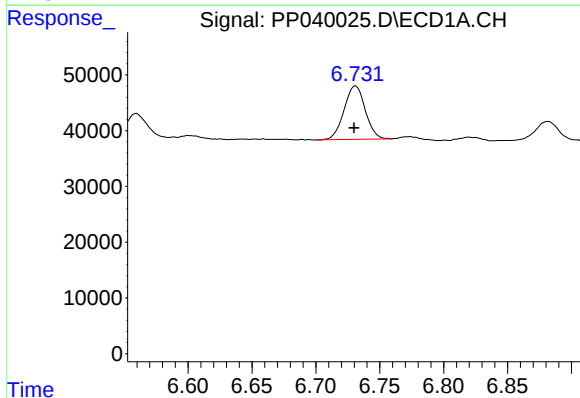
R.T.: 0.000 min  
Exp R.T.: 6.414 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



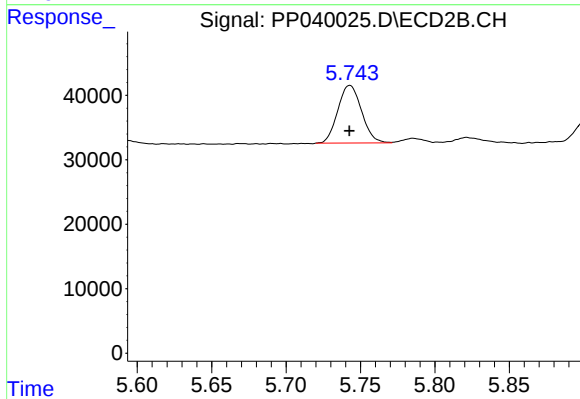
#6 AR-1016-4

R.T.: 5.512 min  
Delta R.T.: 0.000 min  
Response: 182936  
Conc: 446.78 ng/ml



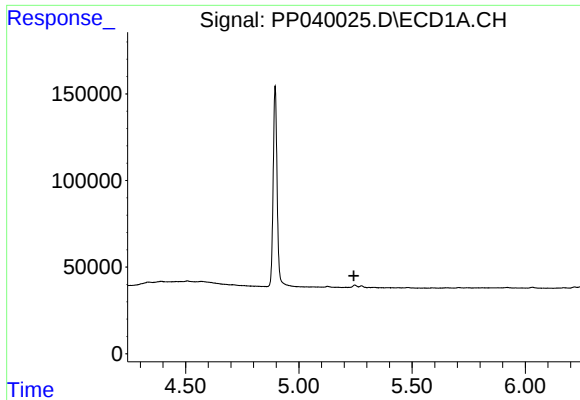
#7 AR-1016-5

R.T.: 6.731 min  
Delta R.T.: 0.001 min  
Response: 110814  
Conc: 173.26 ng/ml



#7 AR-1016-5

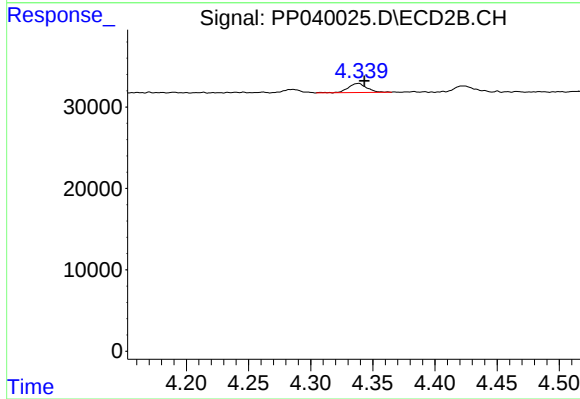
R.T.: 5.743 min  
Delta R.T.: 0.000 min  
Response: 99301  
Conc: 198.34 ng/ml



#9 AR-1221-2

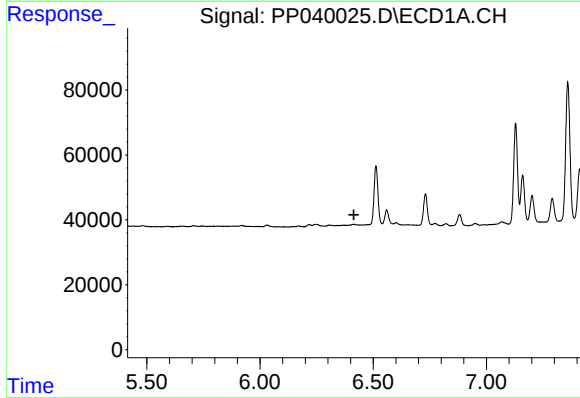
R.T.: 0.000 min  
Exp R.T.: 5.243 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



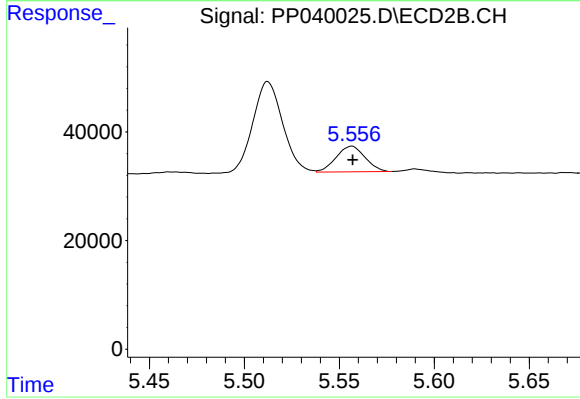
#9 AR-1221-2

R.T.: 4.339 min  
Delta R.T.: -0.004 min  
Response: 11898  
Conc: 70.73 ng/ml



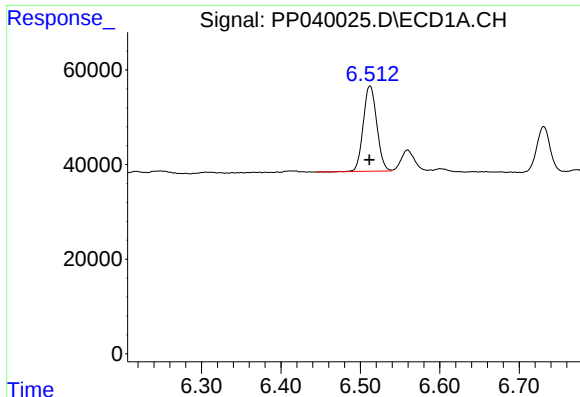
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 6.414 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

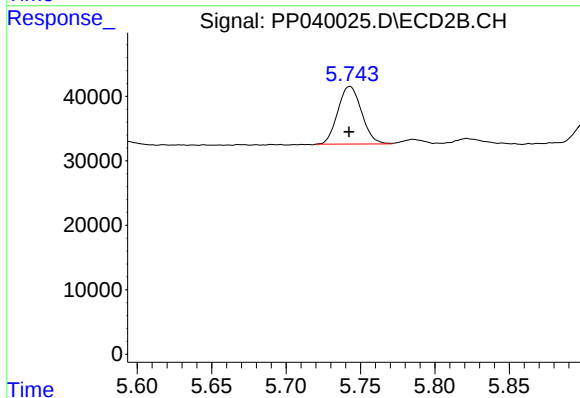
R.T.: 5.557 min  
Delta R.T.: 0.000 min  
Response: 50147  
Conc: 265.03 ng/ml



#15 AR-1232-5

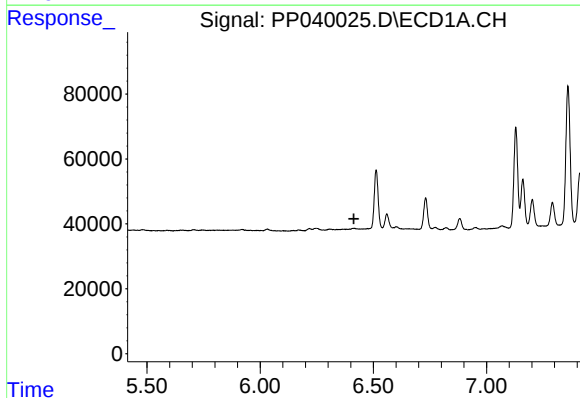
R.T.: 6.512 min  
Delta R.T.: 0.000 min  
Response: 213055  
Conc: 908.59 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



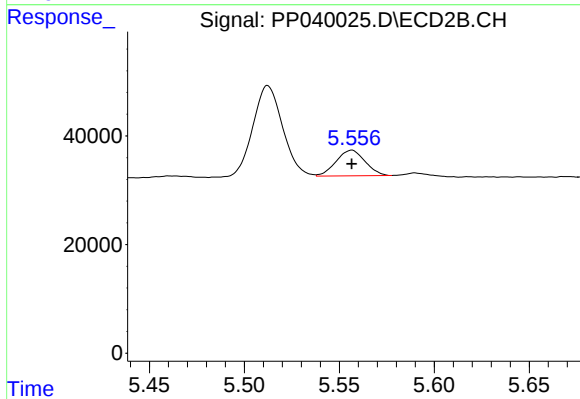
#15 AR-1232-5

R.T.: 5.743 min  
Delta R.T.: 0.000 min  
Response: 99301  
Conc: 480.97 ng/ml



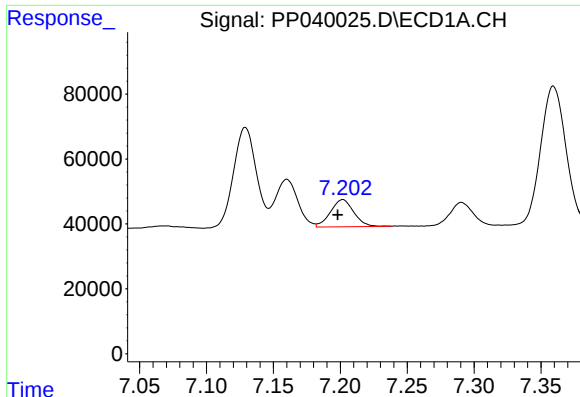
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 6.414 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

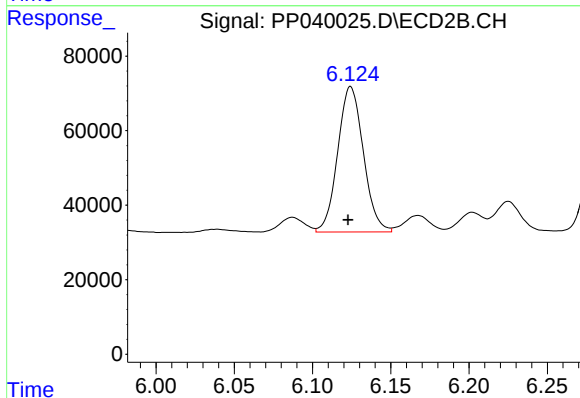
R.T.: 5.557 min  
Delta R.T.: 0.000 min  
Response: 50147  
Conc: 135.38 ng/ml



#20 AR-1242-5

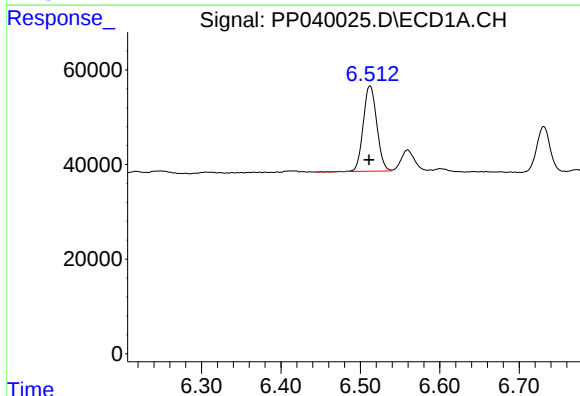
R.T.: 7.202 min  
Delta R.T.: 0.004 min  
Response: 101133  
Conc: 193.37 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



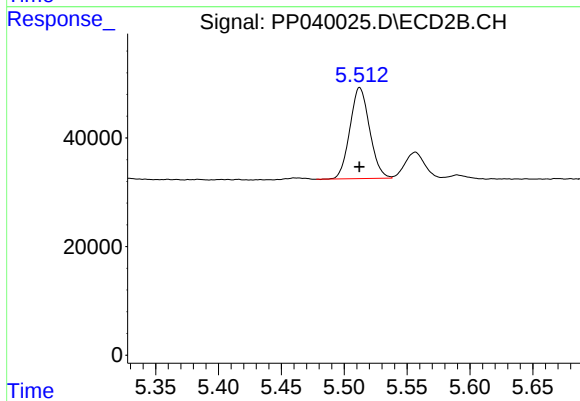
#20 AR-1242-5

R.T.: 6.124 min  
Delta R.T.: 0.002 min  
Response: 445197  
Conc: 933.40 ng/ml



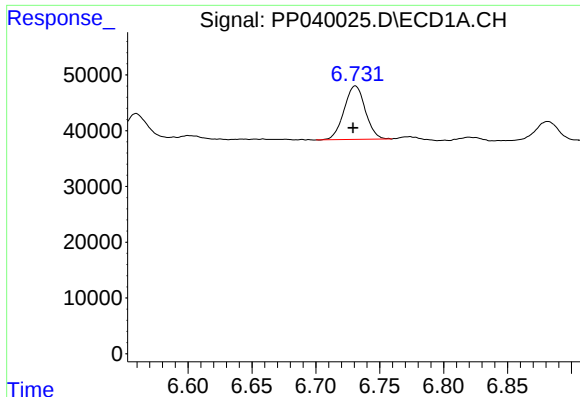
#22 AR-1248-2

R.T.: 6.512 min  
Delta R.T.: 0.001 min  
Response: 213055  
Conc: 266.15 ng/ml



#22 AR-1248-2

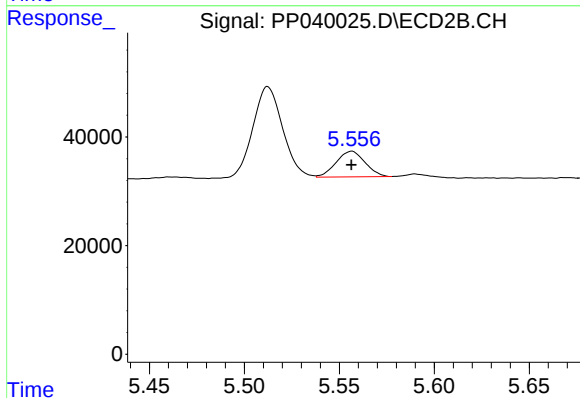
R.T.: 5.512 min  
Delta R.T.: 0.000 min  
Response: 182936  
Conc: 340.35 ng/ml



#23 AR-1248-3

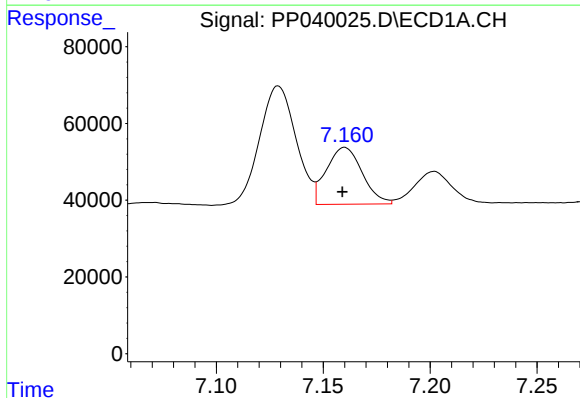
R.T.: 6.731 min  
Delta R.T.: 0.002 min  
Response: 110814  
Conc: 123.59 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



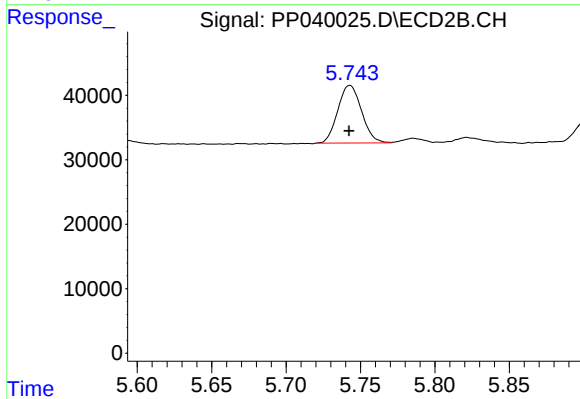
#23 AR-1248-3

R.T.: 5.557 min  
Delta R.T.: 0.000 min  
Response: 50147  
Conc: 88.71 ng/ml



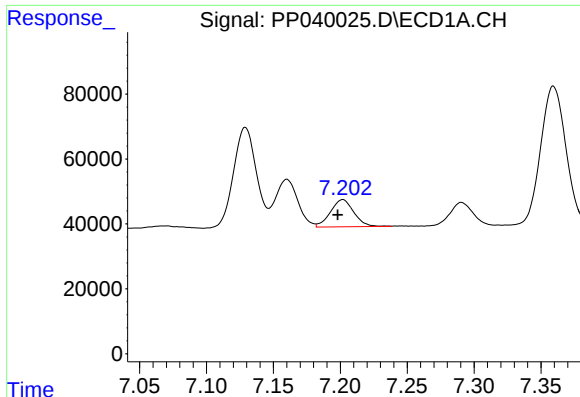
#24 AR-1248-4

R.T.: 7.160 min  
Delta R.T.: 0.001 min  
Response: 173067  
Conc: 188.07 ng/ml



#24 AR-1248-4

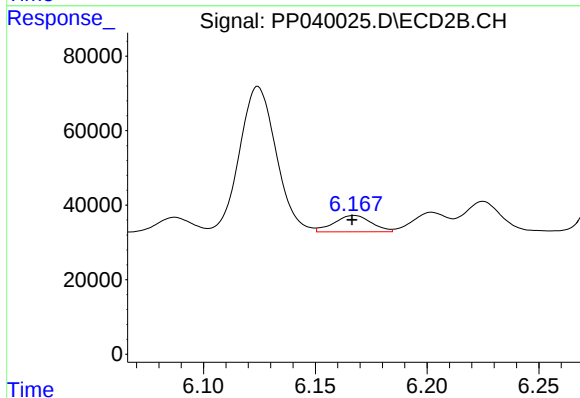
R.T.: 5.743 min  
Delta R.T.: 0.000 min  
Response: 99301  
Conc: 155.38 ng/ml



#25 AR-1248-5

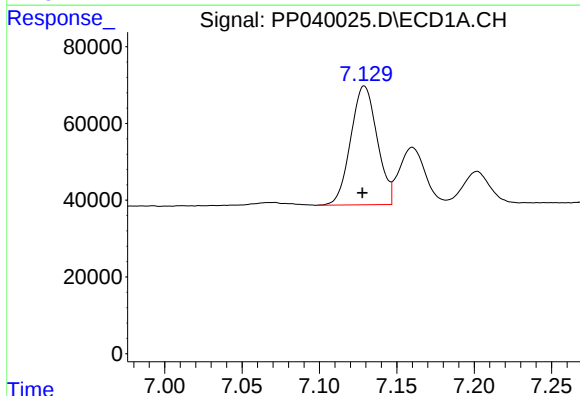
R.T.: 7.202 min  
Delta R.T.: 0.004 min  
Response: 101133  
Conc: 114.33 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



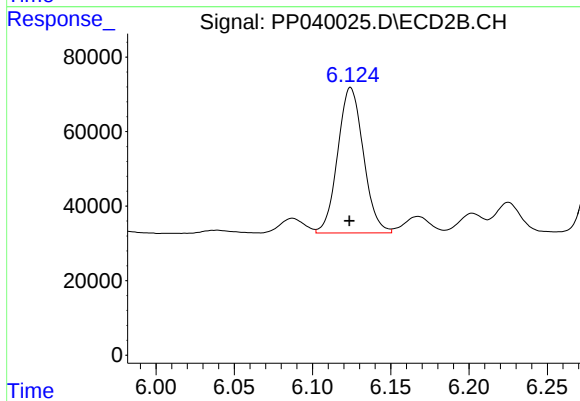
#25 AR-1248-5

R.T.: 6.167 min  
Delta R.T.: 0.000 min  
Response: 50718  
Conc: 81.30 ng/ml



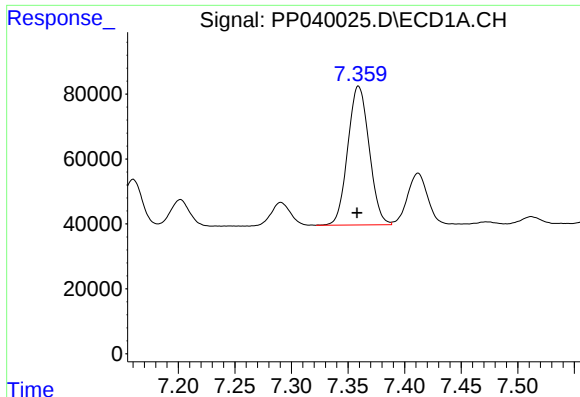
#26 AR-1254-1

R.T.: 7.129 min  
Delta R.T.: 0.001 min  
Response: 367929  
Conc: 396.56 ng/ml



#26 AR-1254-1

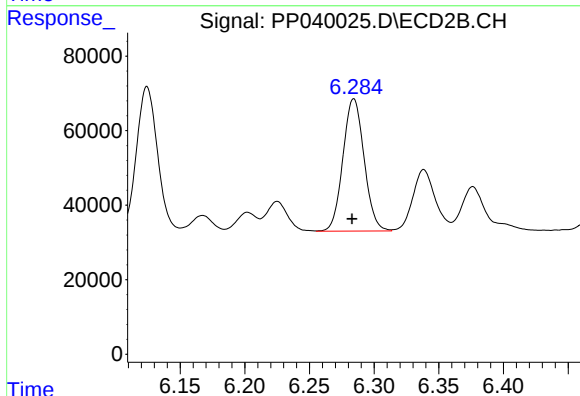
R.T.: 6.124 min  
Delta R.T.: 0.000 min  
Response: 445197  
Conc: 464.70 ng/ml



#27 AR-1254-2

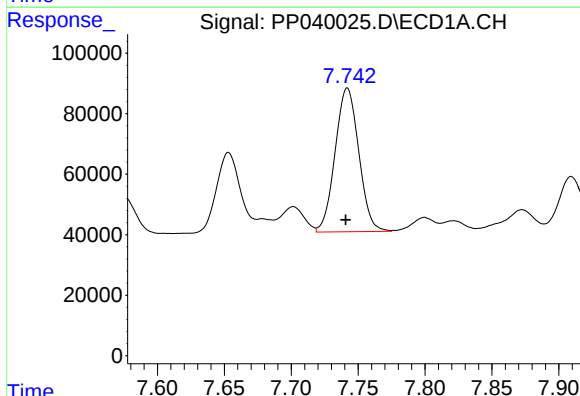
R.T.: 7.359 min  
Delta R.T.: 0.001 min  
Response: 561900  
Conc: 405.89 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



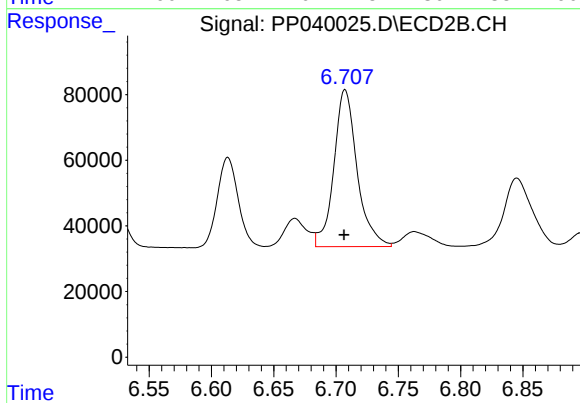
#27 AR-1254-2

R.T.: 6.284 min  
Delta R.T.: 0.001 min  
Response: 405757  
Conc: 459.73 ng/ml



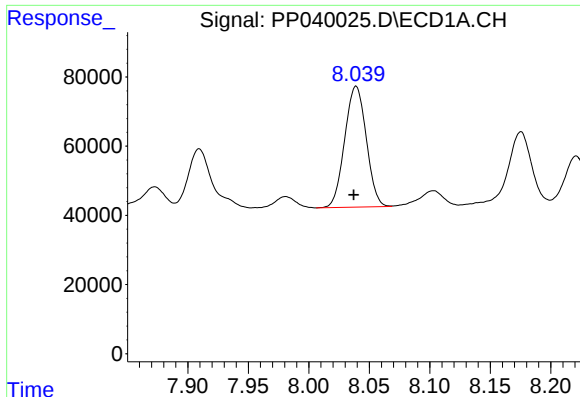
#28 AR-1254-3

R.T.: 7.742 min  
Delta R.T.: 0.001 min  
Response: 585160  
Conc: 410.74 ng/ml



#28 AR-1254-3

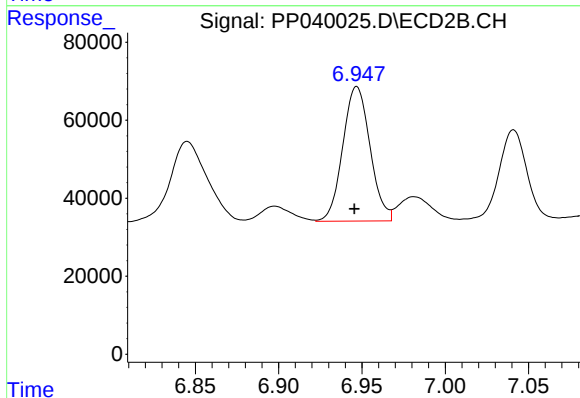
R.T.: 6.707 min  
Delta R.T.: 0.000 min  
Response: 620670  
Conc: 455.25 ng/ml



#29 AR-1254-4

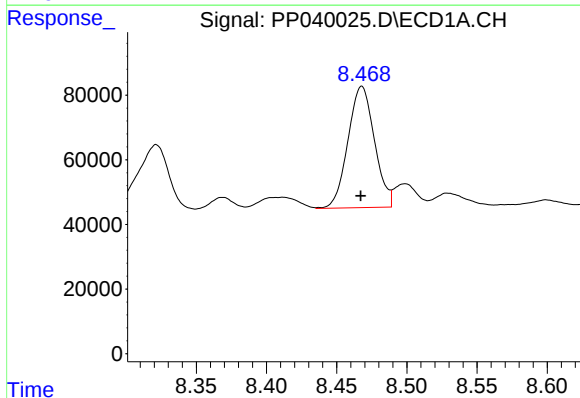
R.T.: 8.039 min  
Delta R.T.: 0.002 min  
Response: 434015  
Conc: 410.15 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



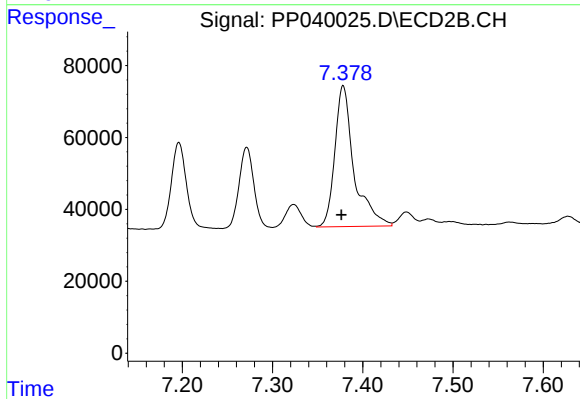
#29 AR-1254-4

R.T.: 6.947 min  
Delta R.T.: 0.001 min  
Response: 392987  
Conc: 458.17 ng/ml



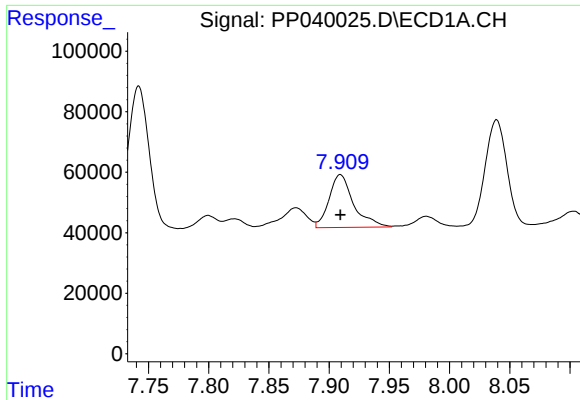
#30 AR-1254-5

R.T.: 8.468 min  
Delta R.T.: 0.000 min  
Response: 494242  
Conc: 422.85 ng/ml



#30 AR-1254-5

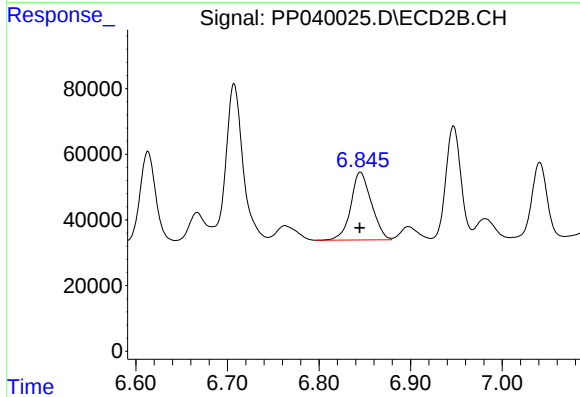
R.T.: 7.378 min  
Delta R.T.: 0.002 min  
Response: 579563  
Conc: 448.99 ng/ml



#31 AR-1260-1

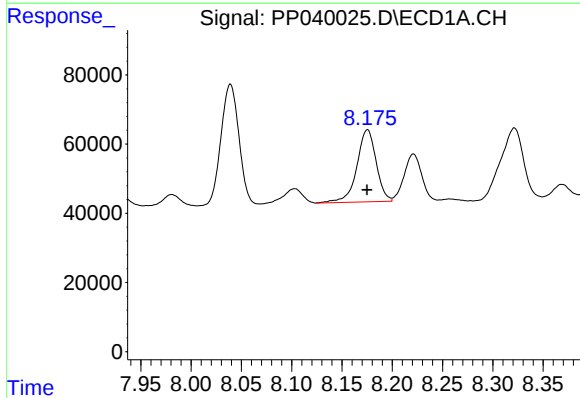
R.T.: 7.909 min  
Delta R.T.: 0.000 min  
Response: 247676  
Conc: 226.73 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



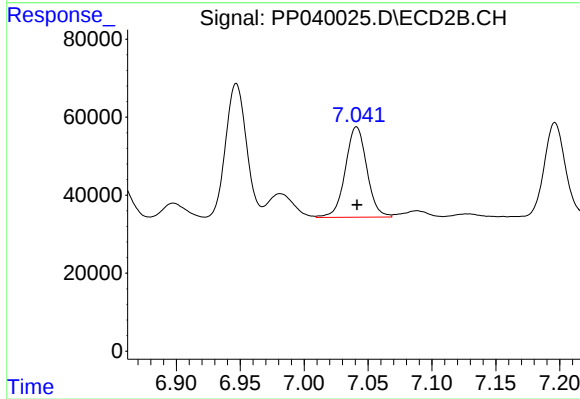
#31 AR-1260-1

R.T.: 6.845 min  
Delta R.T.: 0.000 min  
Response: 321701  
Conc: 321.17 ng/ml



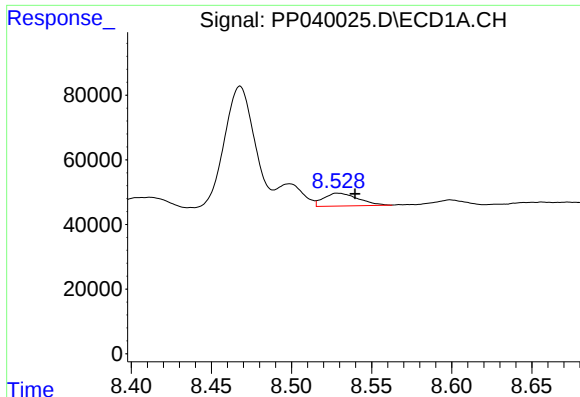
#32 AR-1260-2

R.T.: 8.175 min  
Delta R.T.: 0.000 min  
Response: 278822  
Conc: 204.00 ng/ml



#32 AR-1260-2

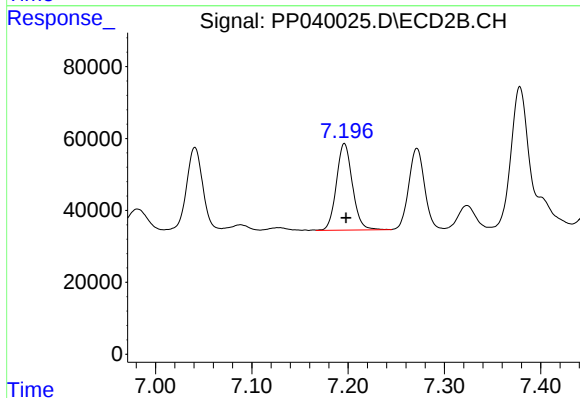
R.T.: 7.041 min  
Delta R.T.: 0.000 min  
Response: 271750  
Conc: 229.50 ng/ml



#33 AR-1260-3

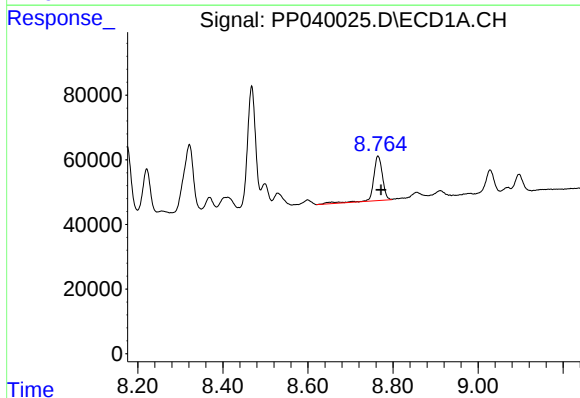
R.T.: 8.529 min  
Delta R.T.: -0.011 min  
Response: 58868  
Conc: 64.60 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



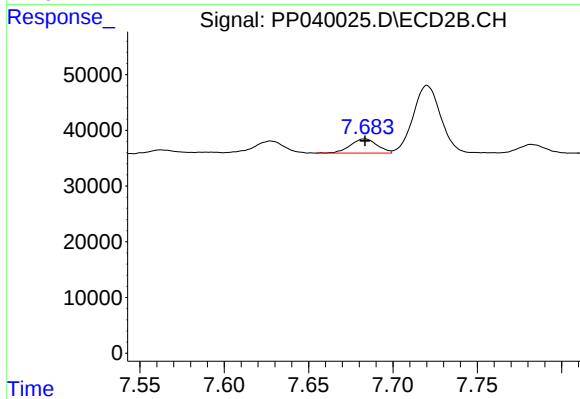
#33 AR-1260-3

R.T.: 7.196 min  
Delta R.T.: -0.002 min  
Response: 277524  
Conc: 234.89 ng/ml



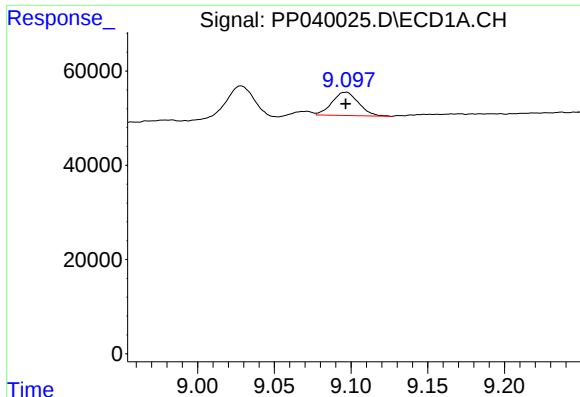
#34 AR-1260-4

R.T.: 8.765 min  
Delta R.T.: -0.007 min  
Response: 203504  
Conc: 192.80 ng/ml



#34 AR-1260-4

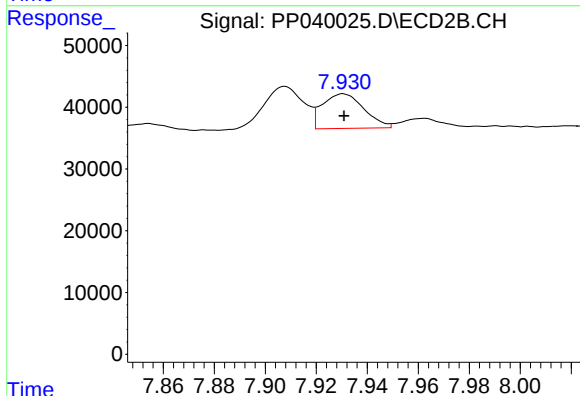
R.T.: 7.683 min  
Delta R.T.: 0.000 min  
Response: 28055  
Conc: 31.92 ng/ml



#35 AR-1260-5

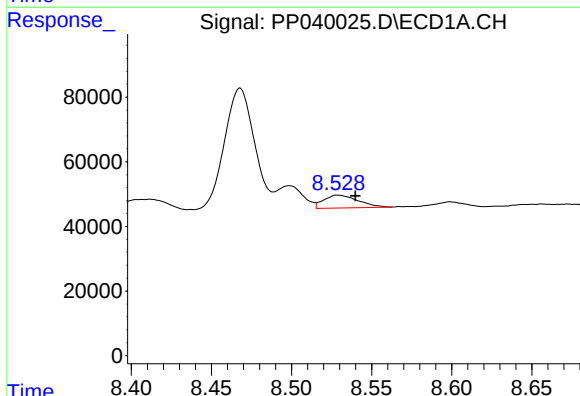
R.T.: 9.096 min  
Delta R.T.: 0.000 min  
Response: 59583  
Conc: 28.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



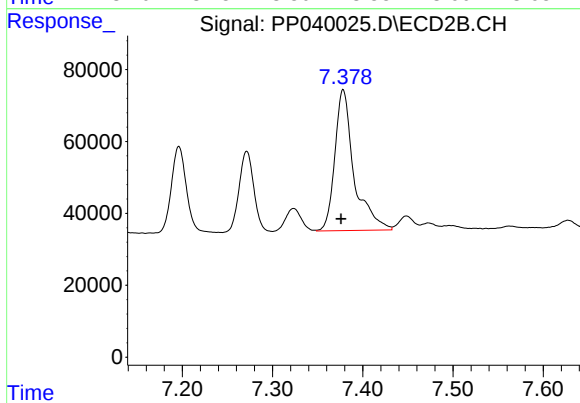
#35 AR-1260-5

R.T.: 7.931 min  
Delta R.T.: 0.000 min  
Response: 63242  
Conc: 30.94 ng/ml



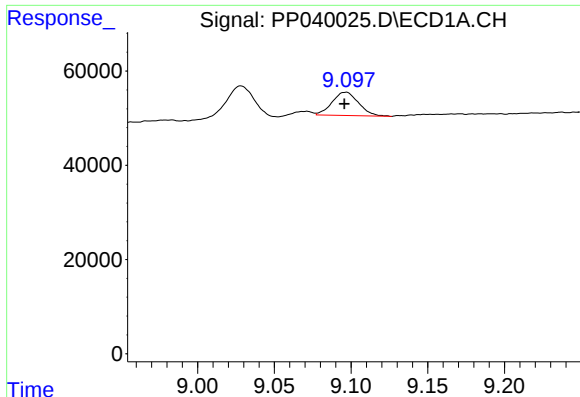
#36 AR-1262-1

R.T.: 8.529 min  
Delta R.T.: -0.011 min  
Response: 58868  
Conc: 43.17 ng/ml



#36 AR-1262-1

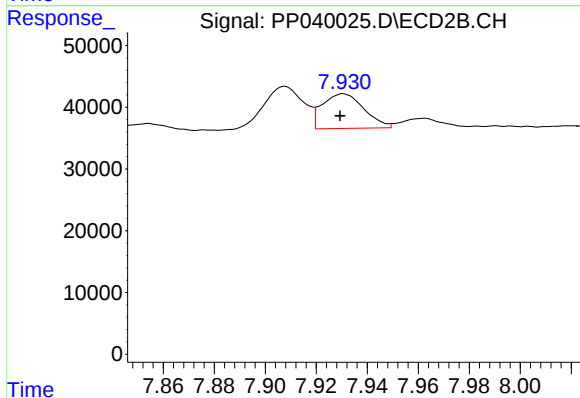
R.T.: 7.378 min  
Delta R.T.: 0.002 min  
Response: 579563  
Conc: 825.03 ng/ml



#37 AR-1262-2

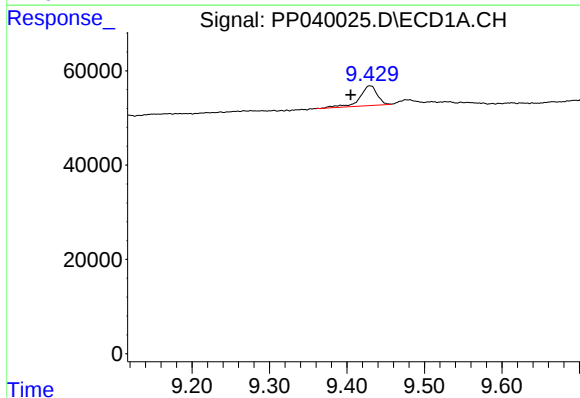
R.T.: 9.096 min  
Delta R.T.: 0.000 min  
Response: 59583  
Conc: 24.03 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



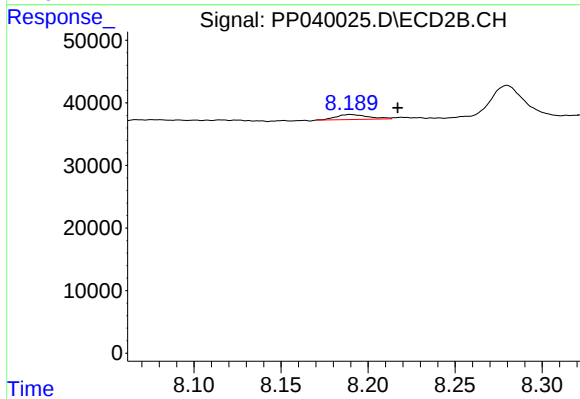
#37 AR-1262-2

R.T.: 7.931 min  
Delta R.T.: 0.001 min  
Response: 63242  
Conc: 28.10 ng/ml



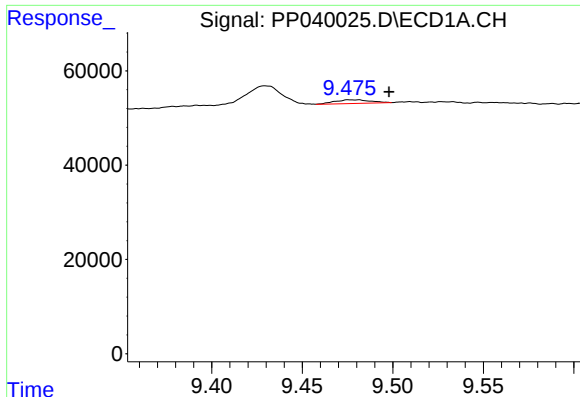
#38 AR-1262-3

R.T.: 9.430 min  
Delta R.T.: 0.025 min  
Response: 66388  
Conc: 57.72 ng/ml



#38 AR-1262-3

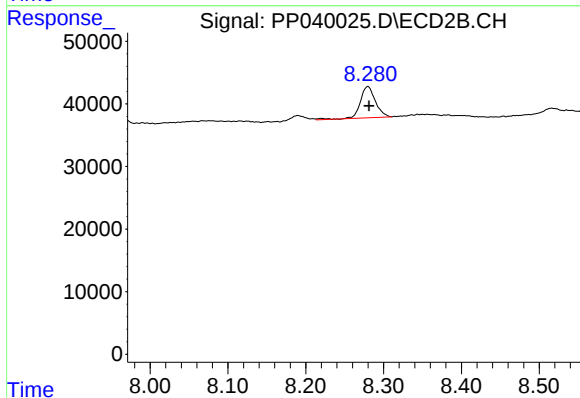
R.T.: 8.190 min  
Delta R.T.: -0.027 min  
Response: 10287  
Conc: 10.56 ng/ml



#39 AR-1262-4

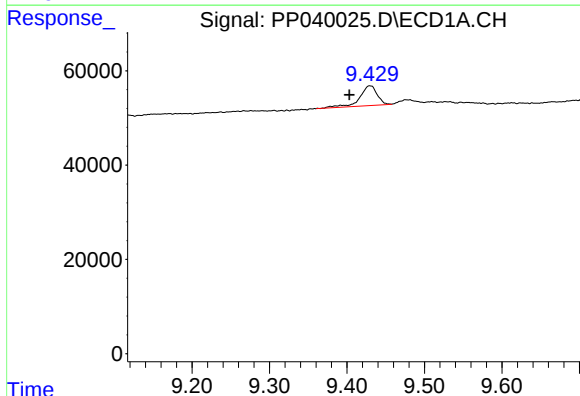
R.T.: 9.476 min  
Delta R.T.: -0.022 min  
Response: 10747  
Conc: 13.15 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



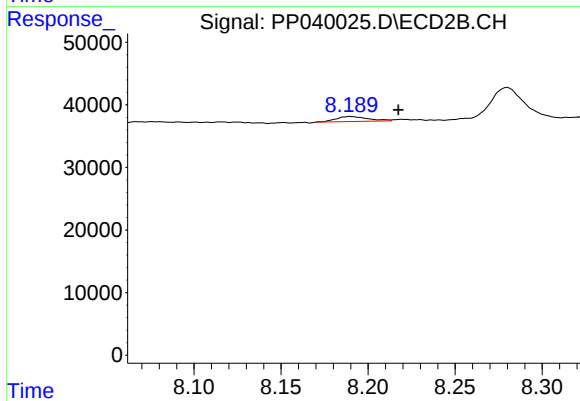
#39 AR-1262-4

R.T.: 8.280 min  
Delta R.T.: -0.002 min  
Response: 67425  
Conc: 38.03 ng/ml



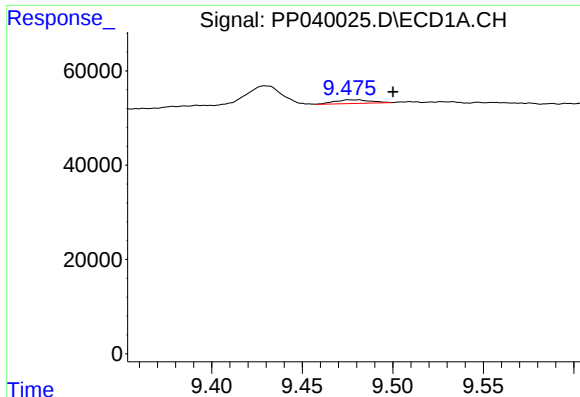
#41 AR-1268-1

R.T.: 9.430 min  
Delta R.T.: 0.027 min  
Response: 66388  
Conc: 22.48 ng/ml



#41 AR-1268-1

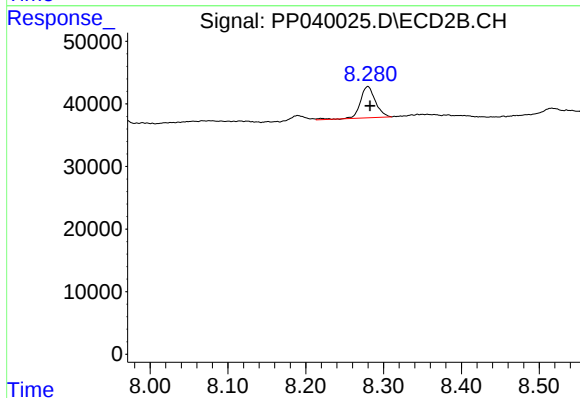
R.T.: 8.190 min  
Delta R.T.: -0.028 min  
Response: 10287  
Conc: 3.81 ng/ml



#42 AR-1268-2

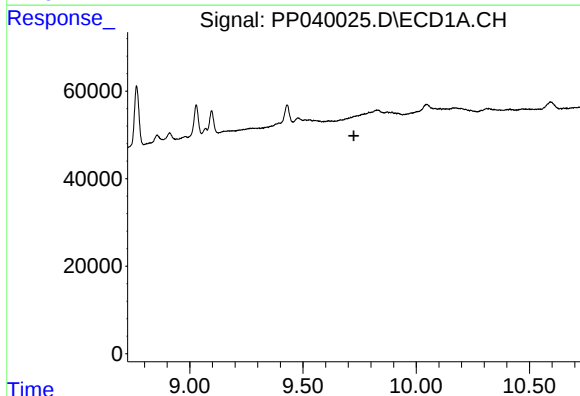
R.T.: 9.476 min  
Delta R.T.: -0.024 min  
Response: 10747  
Conc: 3.81 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



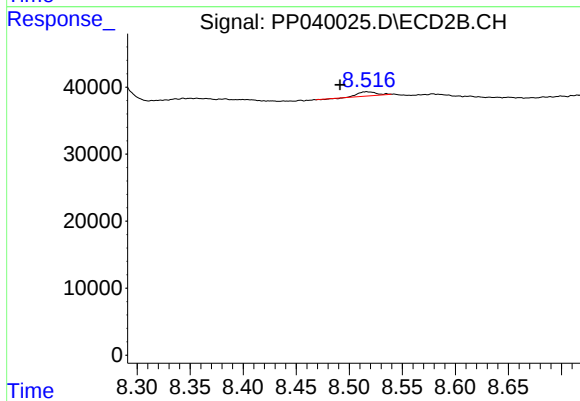
#42 AR-1268-2

R.T.: 8.280 min  
Delta R.T.: -0.003 min  
Response: 67425  
Conc: 26.93 ng/ml



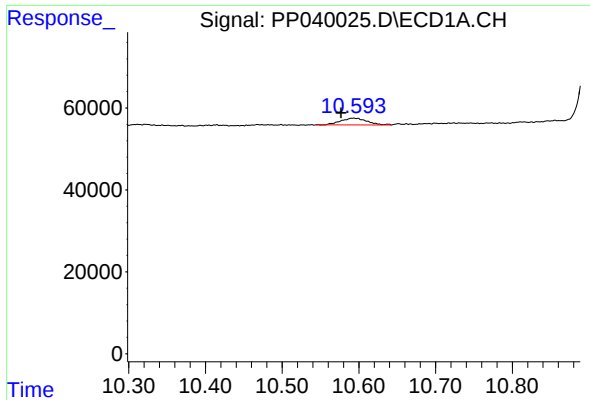
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T. : 9.725 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

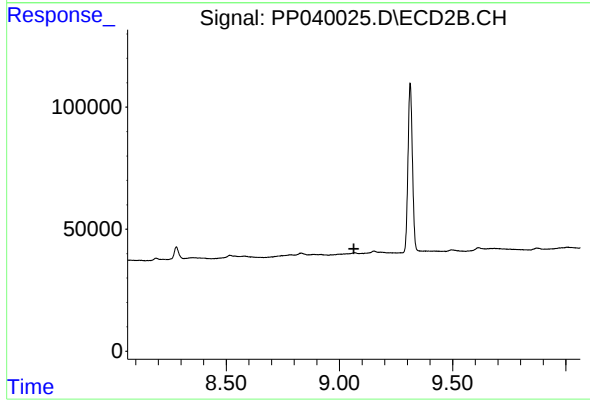
R.T.: 8.516 min  
Delta R.T.: 0.025 min  
Response: 7741  
Conc: 3.54 ng/ml



#45 AR-1268-5

R.T.: 10.593 min  
Delta R.T.: 0.016 min  
Response: 39903  
Conc: 4.64 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 9.064 min  
Response: 0  
Conc: N.D.