

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP022221\  
 Data File : PP033537.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 22 Feb 2021 21:46  
 Operator : DD\AJ  
 Sample : AR1254CCC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 23 00:23:19 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP022121.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Feb 22 12:13:48 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... | 4.721  | 3.992 | 3819379 | 2348211 | 51.892   | 53.321     |
| 2)                          | SA Decachlor... | 10.538 | 9.252 | 2669713 | 1906212 | 57.400   | 60.328     |
|                             |                 |        |       |         |         |          |            |
| Target Compounds            |                 |        |       |         |         |          |            |
| 3)                          | L1 AR-1016-1    | 6.020  | 0.000 | 22393   | 0       | 11.700   | N.D. #     |
| 4)                          | L1 AR-1016-2    | 6.044  | 0.000 | 34881   | 0       | 11.885   | N.D. #     |
| 6)                          | L1 AR-1016-4    | 6.213  | 5.496 | 12157   | 403015  | 8.159    | 538.882 #  |
| 7)                          | L1 AR-1016-5    | 6.526  | 5.725 | 360886  | 227802  | 258.796  | 236.313    |
| 9)                          | L2 AR-1221-2    | 5.067  | 4.343 | 48919   | 28728   | 96.166   | 94.283     |
| 13)                         | L3 AR-1232-3    | 6.044  | 0.000 | 34881   | 0       | 28.595   | N.D. #     |
| 14)                         | L3 AR-1232-4    | 6.213  | 5.540 | 12157   | 111560  | 19.751   | 326.170 #  |
| 15)                         | L3 AR-1232-5    | 6.313  | 5.725 | 602948  | 227802  | 1535.739 | 592.473 #  |
| 16)                         | L4 AR-1242-1    | 6.020  | 0.000 | 22393   | 0       | 15.327   | N.D. #     |
| 17)                         | L4 AR-1242-2    | 6.044  | 0.000 | 34881   | 0       | 15.649   | N.D. #     |
| 19)                         | L4 AR-1242-4    | 6.213  | 5.540 | 12157   | 111560  | 10.479   | 163.071 #  |
| 20)                         | L4 AR-1242-5    | 6.993  | 6.102 | 323358  | 1000778 | 288.547  | 1320.517 # |
| 21)                         | L5 AR-1248-1    | 6.020  | 0.000 | 22393   | 0       | 20.264   | N.D. #     |
| 22)                         | L5 AR-1248-2    | 6.313  | 5.496 | 602948  | 403015  | 394.938  | 406.939    |
| 23)                         | L5 AR-1248-3    | 6.526  | 5.540 | 360886  | 111560  | 199.953  | 105.929 #  |
| 24)                         | L5 AR-1248-4    | 6.952  | 5.725 | 516828  | 227802  | 272.987  | 179.228 #  |
| 25)                         | L5 AR-1248-5    | 6.993  | 6.147 | 323358  | 122997  | 175.405  | 109.316 #  |
| 26)                         | L6 AR-1254-1    | 6.923  | 6.102 | 1045122 | 1000778 | 536.129  | 549.657    |
| 27)                         | L6 AR-1254-2    | 7.151  | 6.261 | 1678128 | 858916  | 542.272  | 551.926    |
| 28)                         | L6 AR-1254-3    | 7.529  | 6.680 | 1754418 | 1403364 | 574.935  | 567.251    |
| 29)                         | L6 AR-1254-4    | 7.823  | 6.920 | 1366351 | 792043  | 610.129  | 623.983    |
| 30)                         | L6 AR-1254-5    | 8.250  | 7.346 | 1391649 | 1216292 | 593.453  | 583.958    |
| 31)                         | L7 AR-1260-1    | 7.696  | 6.815 | 702168  | 685803  | 306.491  | 397.223 #  |
| 32)                         | L7 AR-1260-2    | 7.960  | 7.012 | 944080  | 552799  | 296.548  | 280.968    |
| 33)                         | L7 AR-1260-3    | 8.311  | 7.164 | 186374  | 591245  | 64.227   | 293.432 #  |
| 34)                         | L7 AR-1260-4    | 8.544  | 7.646 | 542396  | 61253   | 207.843  | 37.811 #   |
| 35)                         | L7 AR-1260-5    | 8.866  | 7.894 | 241311  | 145830  | 40.857   | 40.496     |
| 36)                         | L8 AR-1262-1    | 8.311  | 7.346 | 186374  | 1216292 | 46.130   | 1090.996 # |
| 37)                         | L8 AR-1262-2    | 8.866  | 7.894 | 241311  | 145830  | 39.289   | 39.312     |
| 38)                         | L8 AR-1262-3    | 9.177f | 8.162 | 147524  | 34385   | 35.048   | 20.078 #   |
| 39)                         | L8 AR-1262-4    | 9.221f | 8.241 | 38810   | 142898  | 11.684   | 49.648 #   |
| 41)                         | L9 AR-1268-1    | 9.177f | 8.162 | 147524  | 34385   | 18.631   | 7.278 #    |
| 42)                         | L9 AR-1268-2    | 9.221f | 8.241 | 38810   | 142898  | 5.896    | 31.905 #   |
| 43)                         | L9 AR-1268-3    | 9.453  | 0.000 | 28828   | 0       | 4.435    | N.D. #     |
| 45)                         | L9 AR-1268-5    | 10.236 | 0.000 | 31311   | 0       | 1.883    | N.D. #     |
| -----                       |                 |        |       |         |         |          |            |

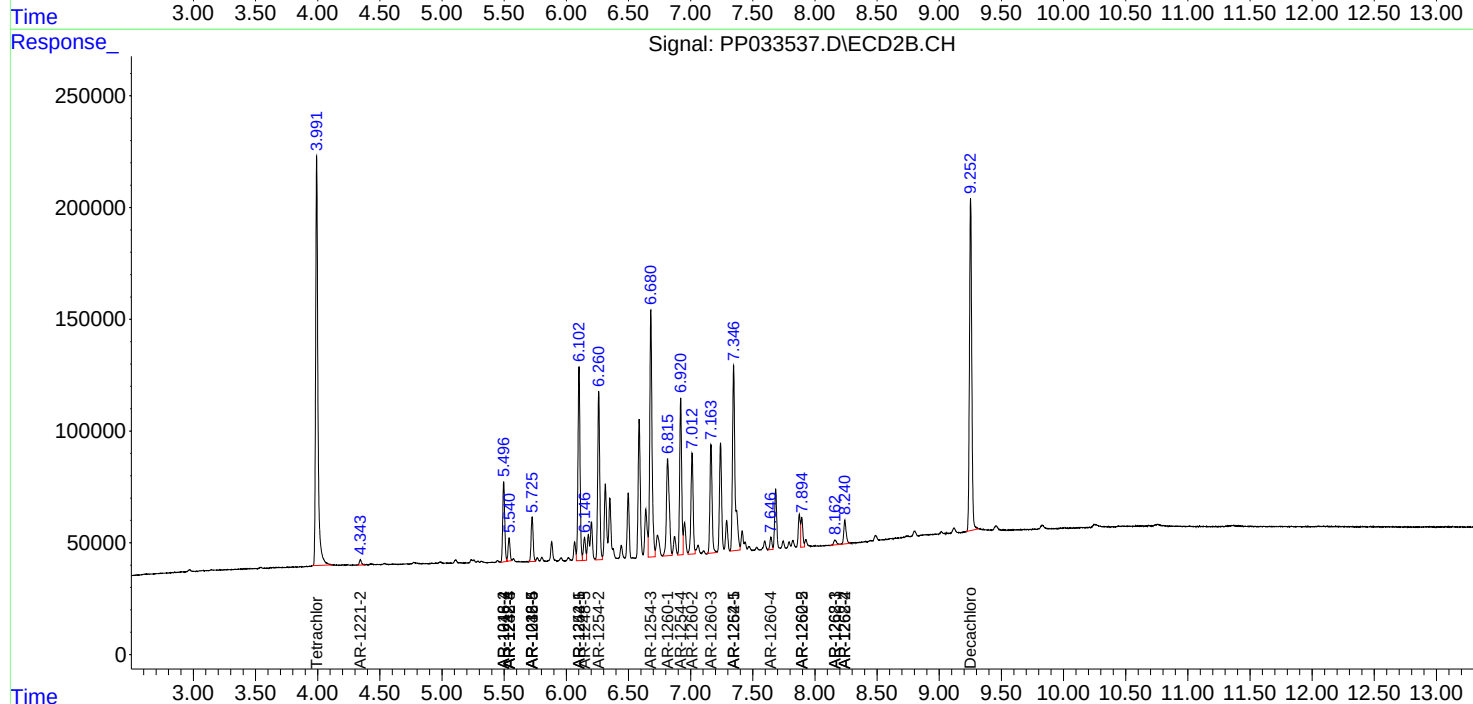
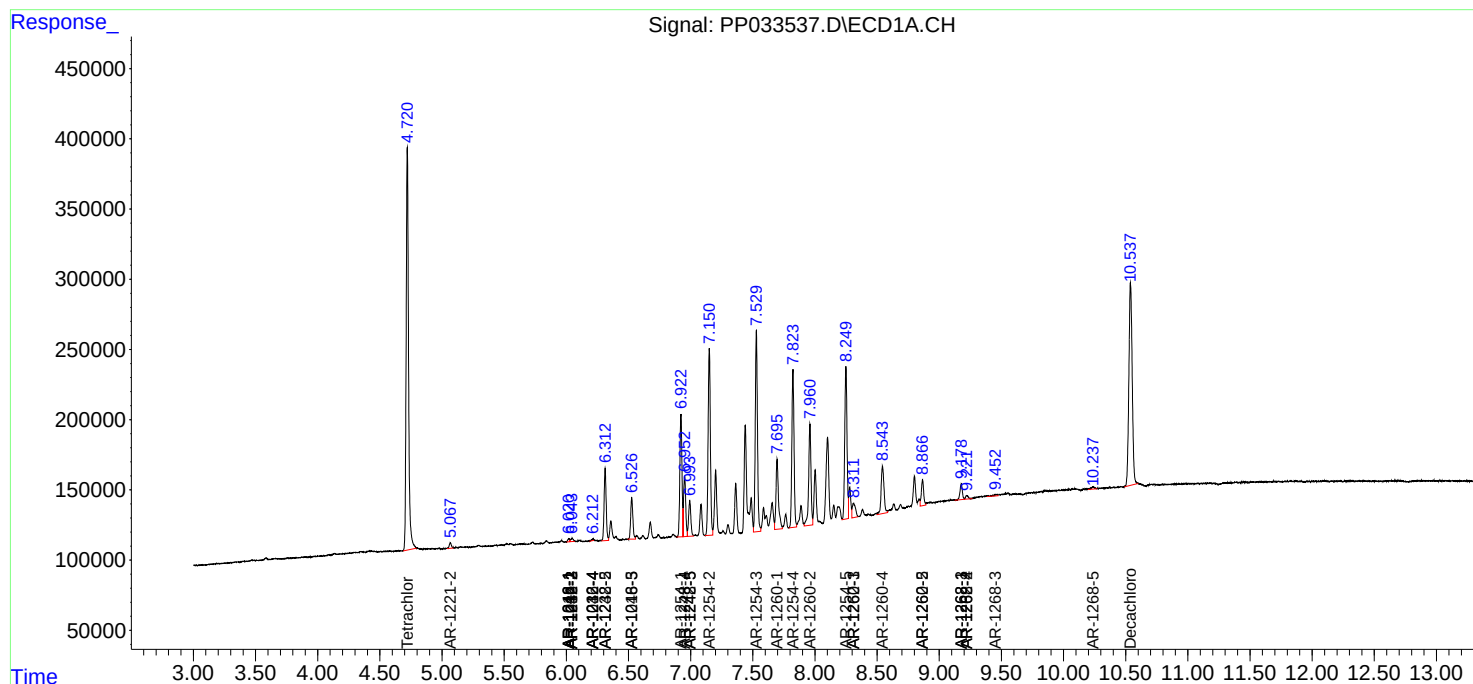
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

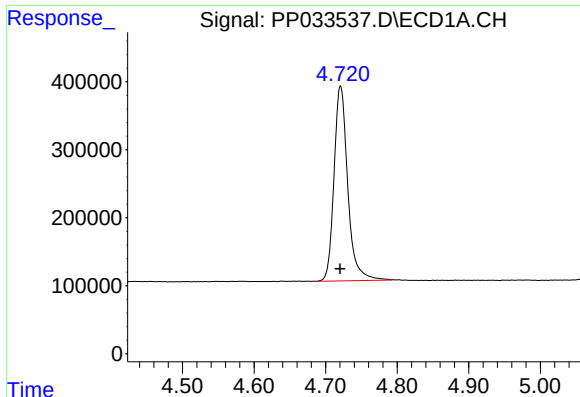
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP022221\  
Data File : PP033537.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 22 Feb 2021 21:46  
Operator : DD\AJ  
Sample : AR1254CCC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 23 00:23:19 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP022121.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Feb 22 12:13:48 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

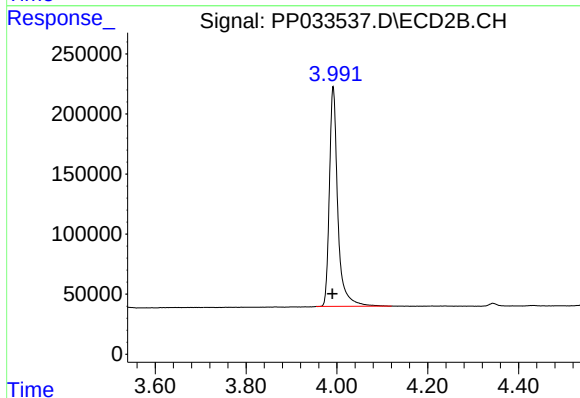




#1 Tetrachloro-m-xylene

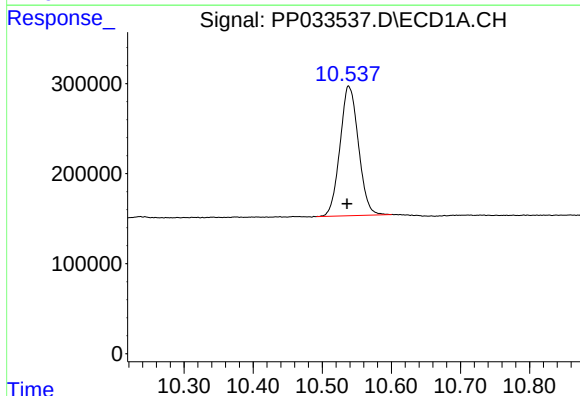
R.T.: 4.721 min  
Delta R.T.: 0.000 min  
Response: 3819379  
Conc: 51.89 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



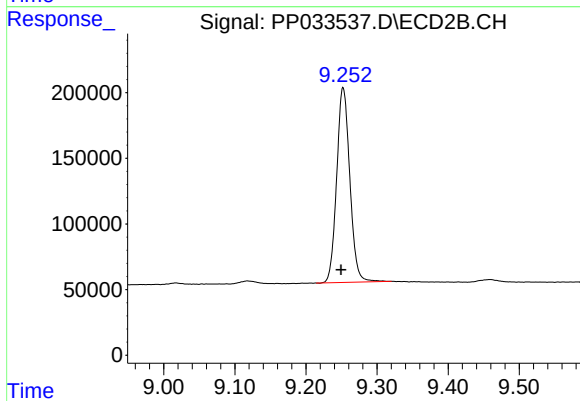
#1 Tetrachloro-m-xylene

R.T.: 3.992 min  
Delta R.T.: 0.001 min  
Response: 2348211  
Conc: 53.32 ng/ml



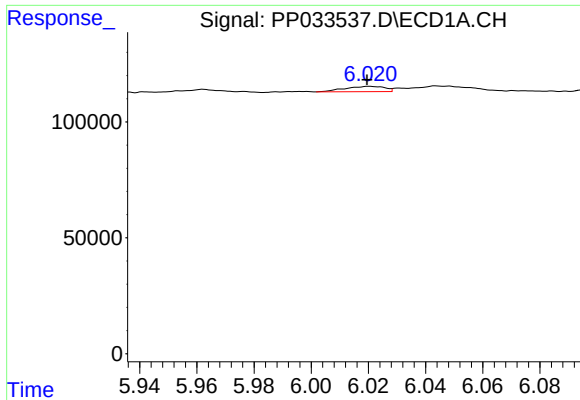
#2 Decachlorobiphenyl

R.T.: 10.538 min  
Delta R.T.: 0.002 min  
Response: 2669713  
Conc: 57.40 ng/ml



#2 Decachlorobiphenyl

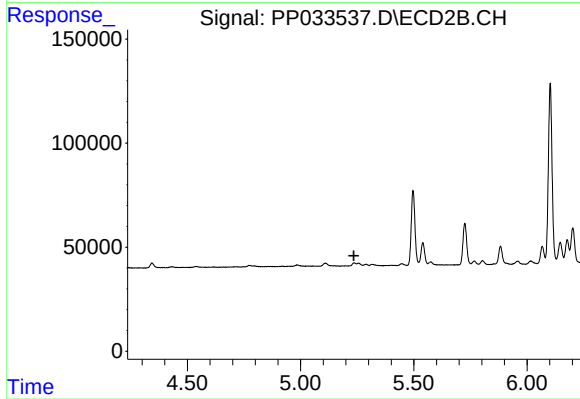
R.T.: 9.252 min  
Delta R.T.: 0.003 min  
Response: 1906212  
Conc: 60.33 ng/ml



#3 AR-1016-1

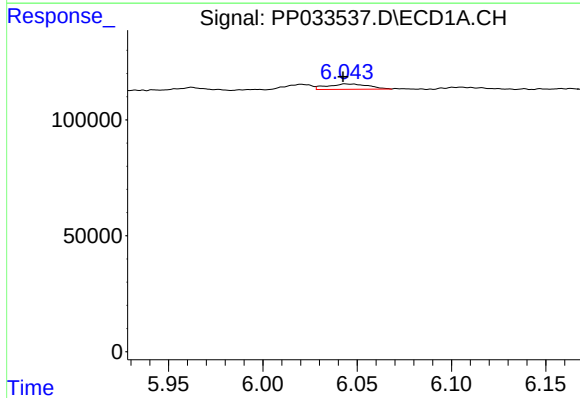
R.T.: 6.020 min  
Delta R.T.: 0.000 min  
Response: 22393  
Conc: 11.70 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



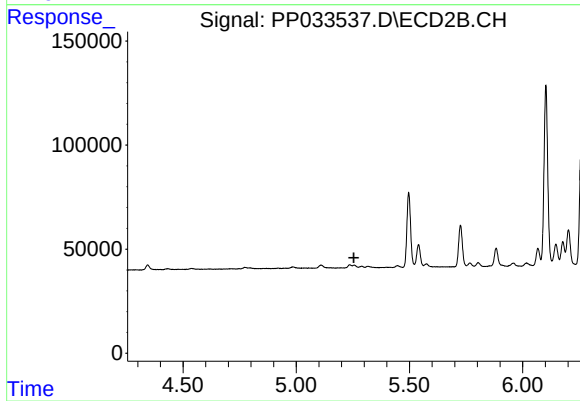
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 5.235 min  
Response: 0  
Conc: N.D.



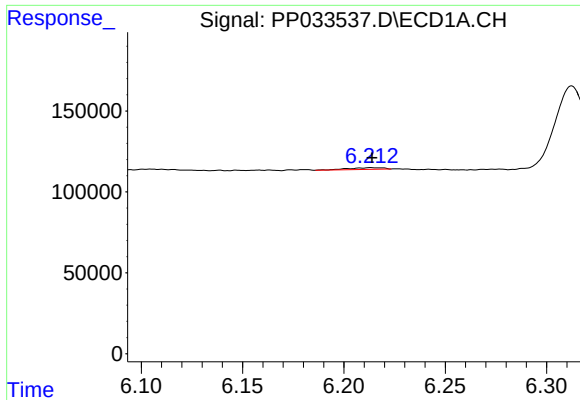
#4 AR-1016-2

R.T.: 6.044 min  
Delta R.T.: 0.001 min  
Response: 34881  
Conc: 11.88 ng/ml



#4 AR-1016-2

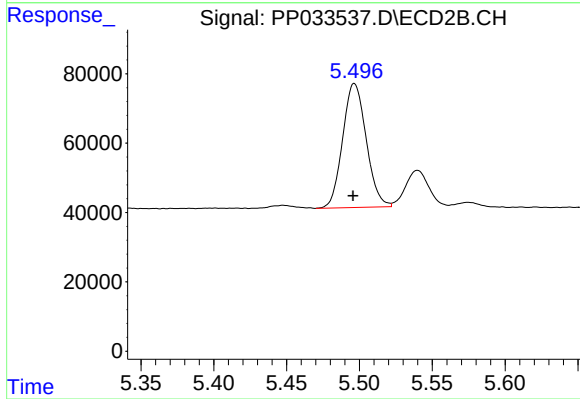
R.T.: 0.000 min  
Exp R.T. : 5.254 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

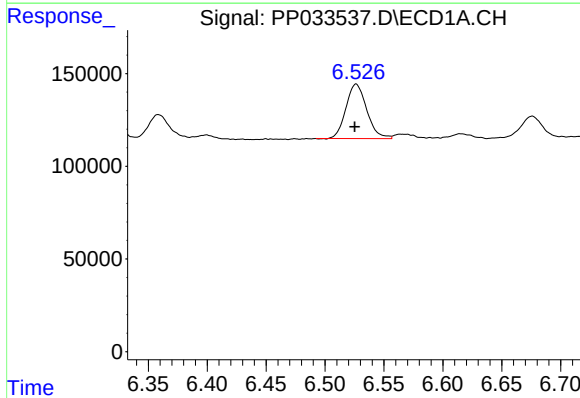
R.T.: 6.213 min  
Delta R.T.: 0.000 min  
Response: 12157  
Conc: 8.16 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



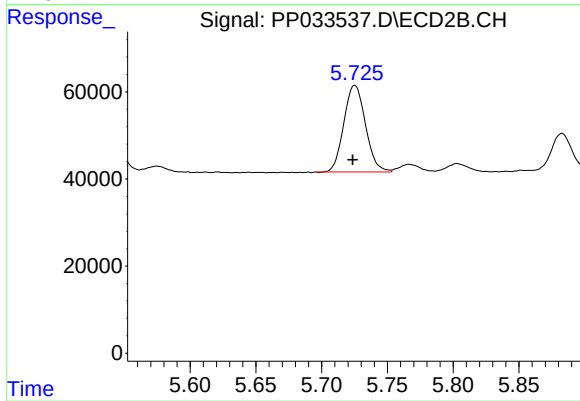
#6 AR-1016-4

R.T.: 5.496 min  
Delta R.T.: 0.000 min  
Response: 403015  
Conc: 538.88 ng/ml



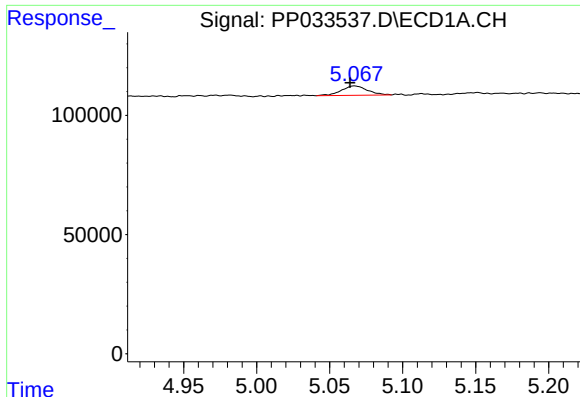
#7 AR-1016-5

R.T.: 6.526 min  
Delta R.T.: 0.001 min  
Response: 360886  
Conc: 258.80 ng/ml



#7 AR-1016-5

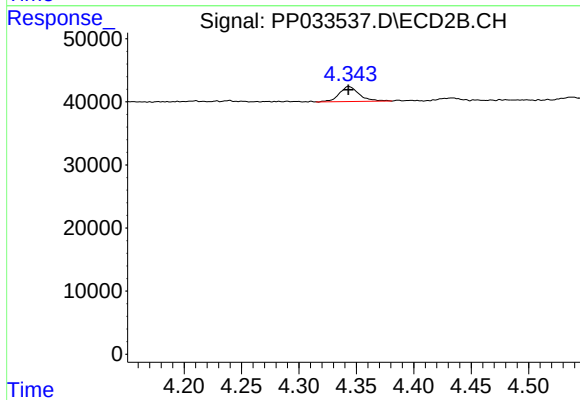
R.T.: 5.725 min  
Delta R.T.: 0.002 min  
Response: 227802  
Conc: 236.31 ng/ml



#9 AR-1221-2

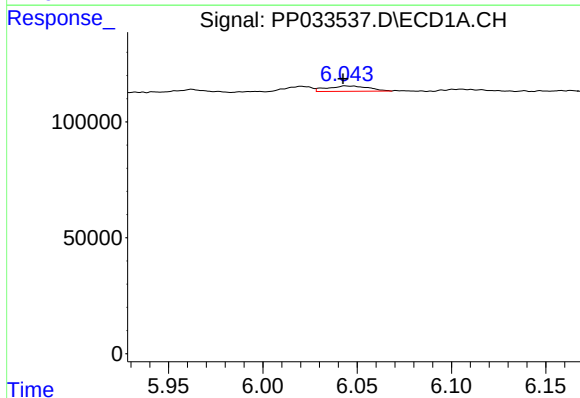
R.T.: 5.067 min  
Delta R.T.: 0.003 min  
Response: 48919  
Conc: 96.17 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



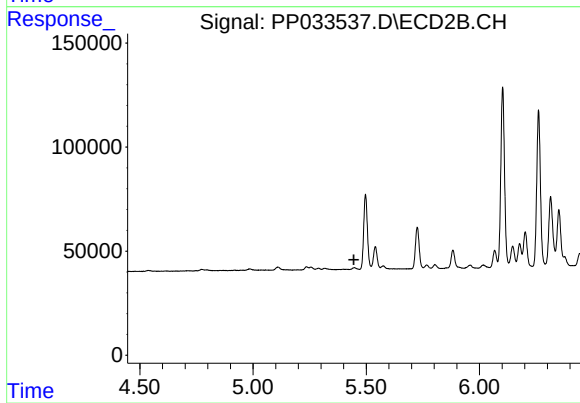
#9 AR-1221-2

R.T.: 4.343 min  
Delta R.T.: 0.000 min  
Response: 28728  
Conc: 94.28 ng/ml



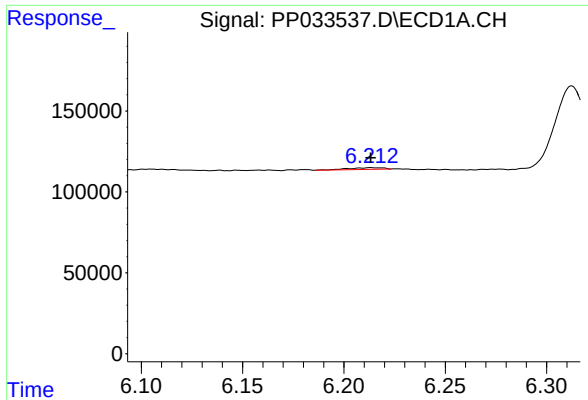
#13 AR-1232-3

R.T.: 6.044 min  
Delta R.T.: 0.001 min  
Response: 34881  
Conc: 28.60 ng/ml



#13 AR-1232-3

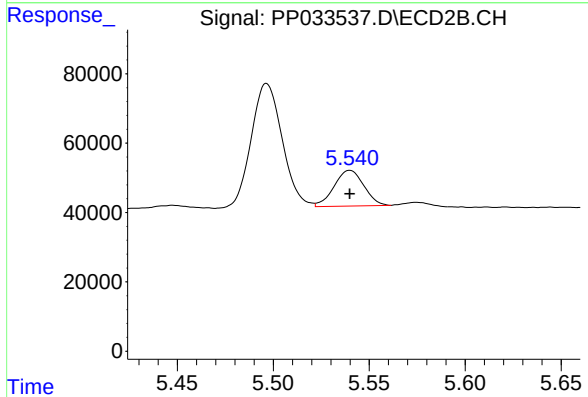
R.T.: 0.000 min  
Exp R.T. : 5.446 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

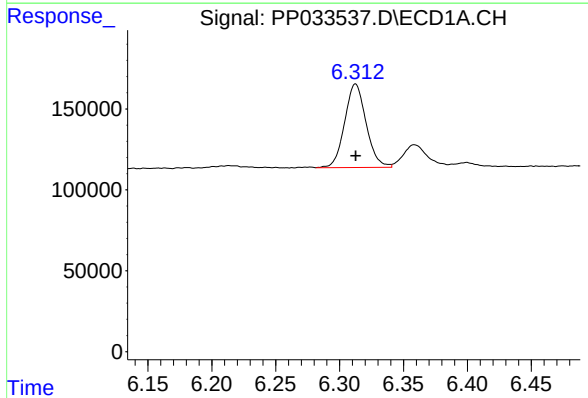
R.T.: 6.213 min  
Delta R.T.: 0.000 min  
Response: 12157  
Conc: 19.75 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



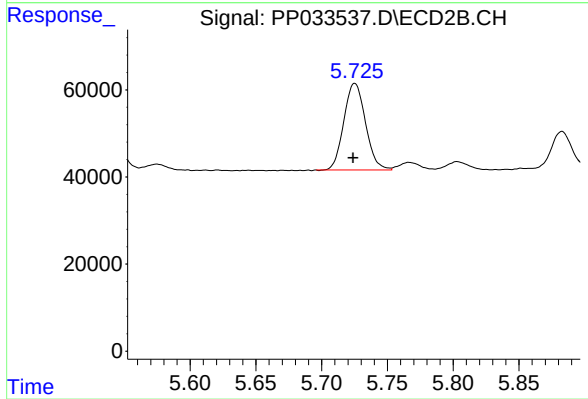
#14 AR-1232-4

R.T.: 5.540 min  
Delta R.T.: 0.000 min  
Response: 111560  
Conc: 326.17 ng/ml



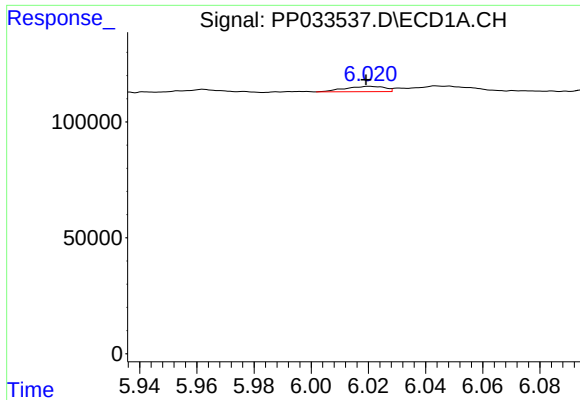
#15 AR-1232-5

R.T.: 6.313 min  
Delta R.T.: 0.000 min  
Response: 602948  
Conc: 1535.74 ng/ml



#15 AR-1232-5

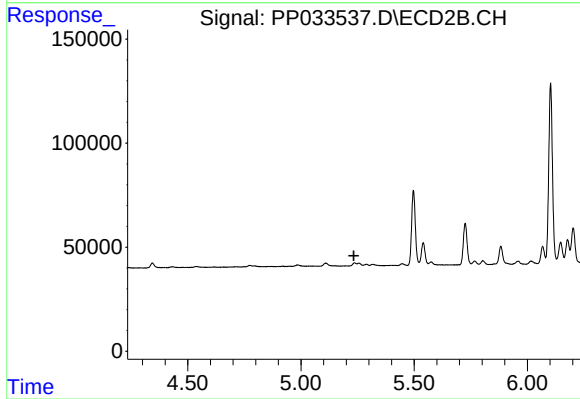
R.T.: 5.725 min  
Delta R.T.: 0.001 min  
Response: 227802  
Conc: 592.47 ng/ml



#16 AR-1242-1

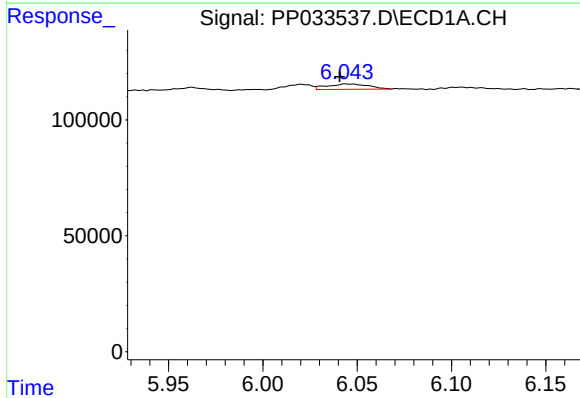
R.T.: 6.020 min  
Delta R.T.: 0.001 min  
Response: 22393  
Conc: 15.33 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



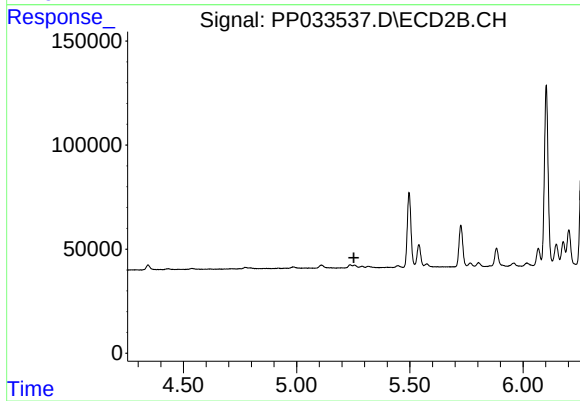
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 5.234 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

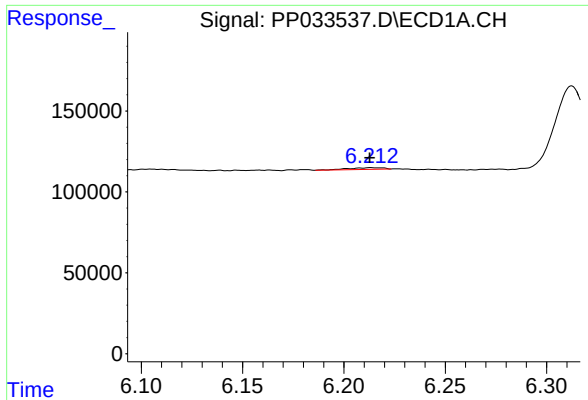
R.T.: 6.044 min  
Delta R.T.: 0.003 min  
Response: 34881  
Conc: 15.65 ng/ml



#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 5.253 min  
Response: 0  
Conc: N.D.

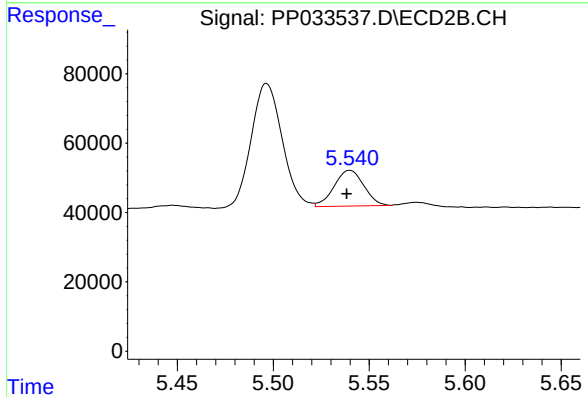




#19 AR-1242-4

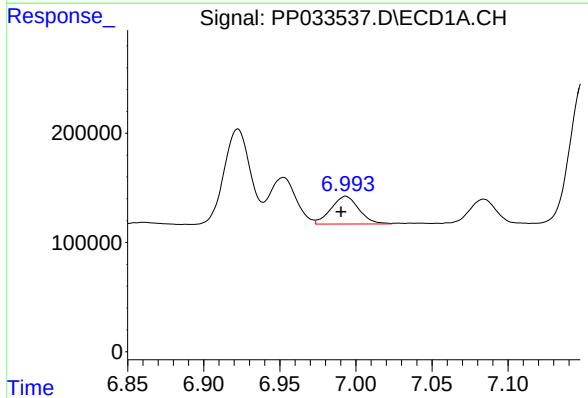
R.T.: 6.213 min  
Delta R.T.: 0.000 min  
Response: 12157  
Conc: 10.48 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



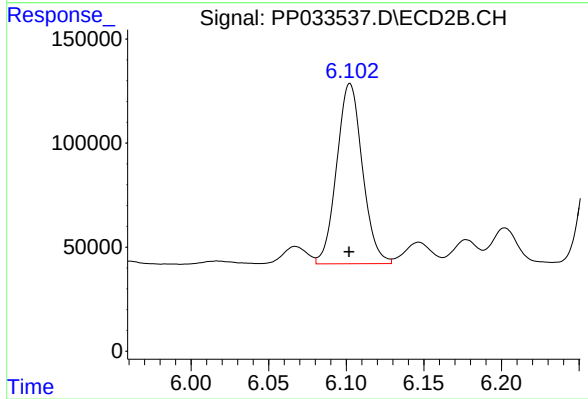
#19 AR-1242-4

R.T.: 5.540 min  
Delta R.T.: 0.002 min  
Response: 111560  
Conc: 163.07 ng/ml



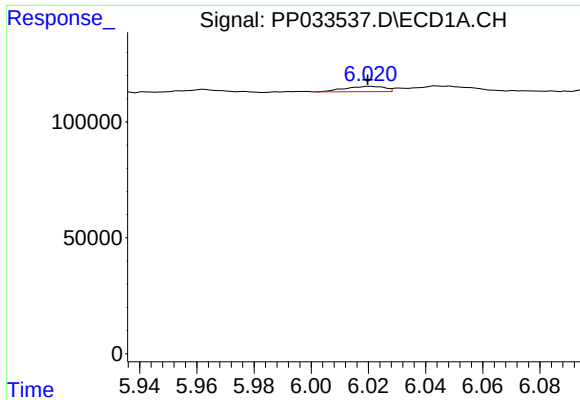
#20 AR-1242-5

R.T.: 6.993 min  
Delta R.T.: 0.003 min  
Response: 323358  
Conc: 288.55 ng/ml



#20 AR-1242-5

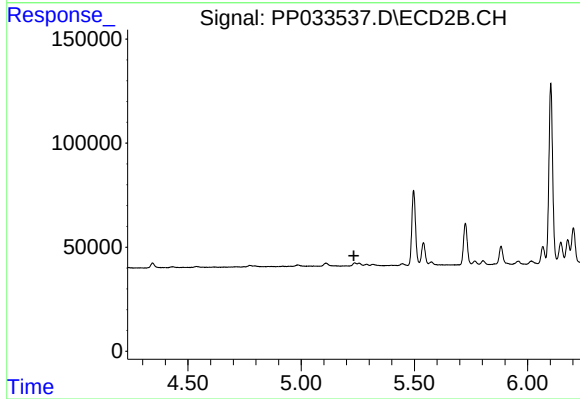
R.T.: 6.102 min  
Delta R.T.: 0.000 min  
Response: 1000778  
Conc: 1320.52 ng/ml



#21 AR-1248-1

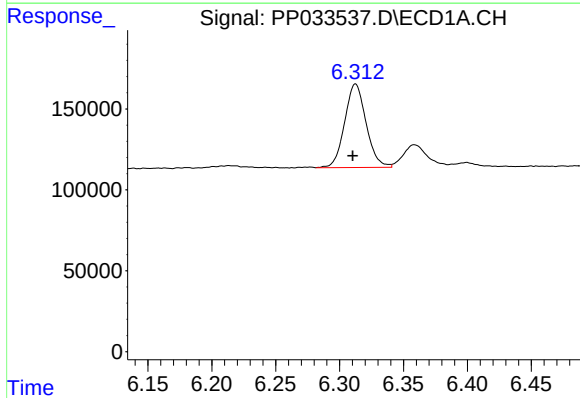
R.T.: 6.020 min  
Delta R.T.: 0.000 min  
Response: 22393  
Conc: 20.26 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



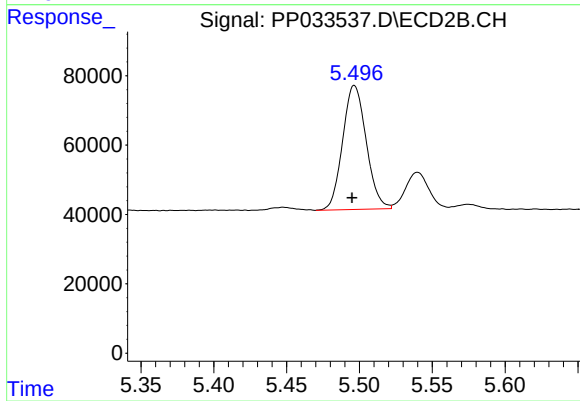
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 5.233 min  
Response: 0  
Conc: N.D.



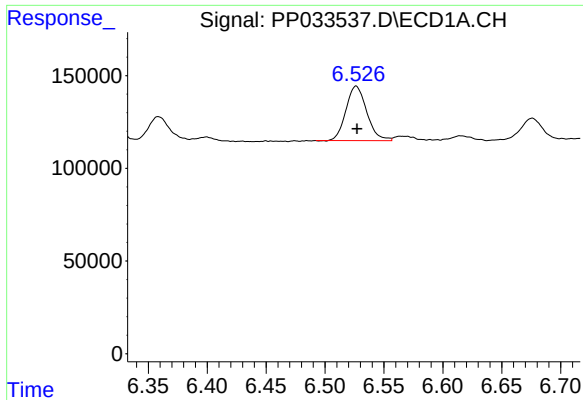
#22 AR-1248-2

R.T.: 6.313 min  
Delta R.T.: 0.002 min  
Response: 602948  
Conc: 394.94 ng/ml



#22 AR-1248-2

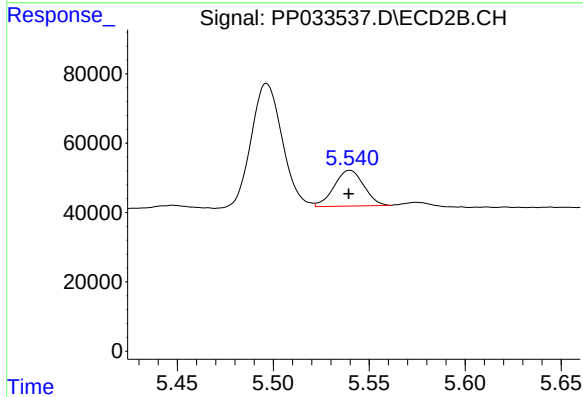
R.T.: 5.496 min  
Delta R.T.: 0.002 min  
Response: 403015  
Conc: 406.94 ng/ml



#23 AR-1248-3

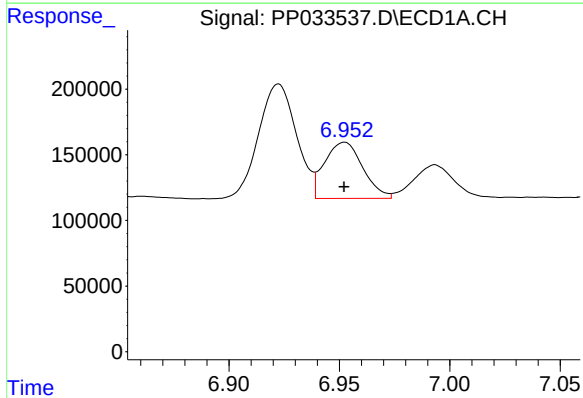
R.T.: 6.526 min  
Delta R.T.: 0.000 min  
Response: 360886  
Conc: 199.95 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



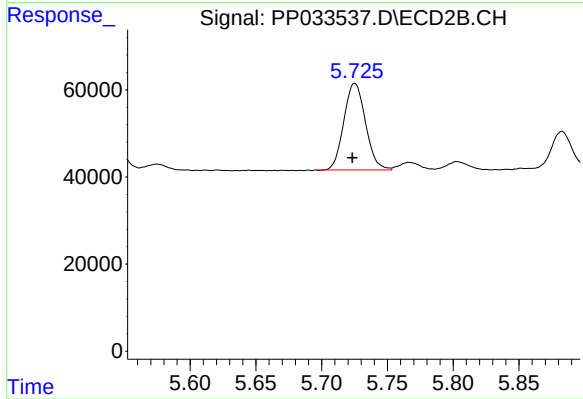
#23 AR-1248-3

R.T.: 5.540 min  
Delta R.T.: 0.000 min  
Response: 111560  
Conc: 105.93 ng/ml



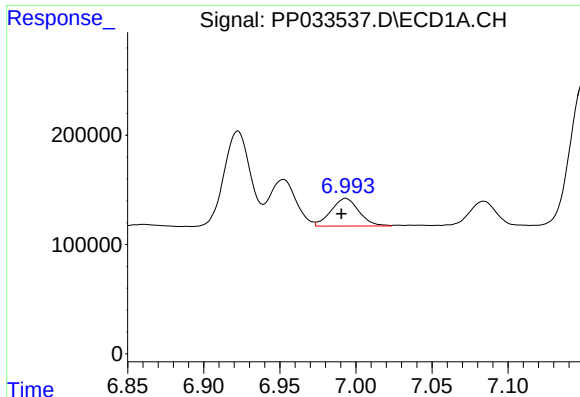
#24 AR-1248-4

R.T.: 6.952 min  
Delta R.T.: 0.000 min  
Response: 516828  
Conc: 272.99 ng/ml



#24 AR-1248-4

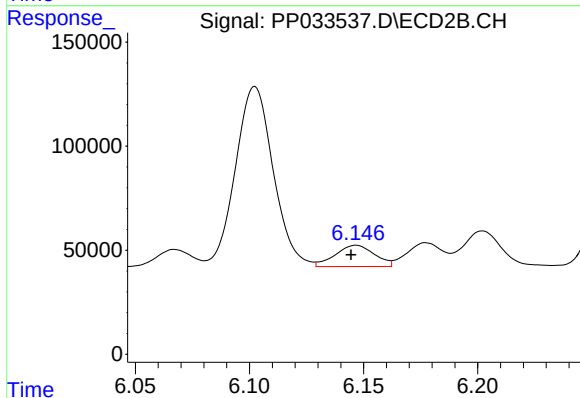
R.T.: 5.725 min  
Delta R.T.: 0.002 min  
Response: 227802  
Conc: 179.23 ng/ml



#25 AR-1248-5

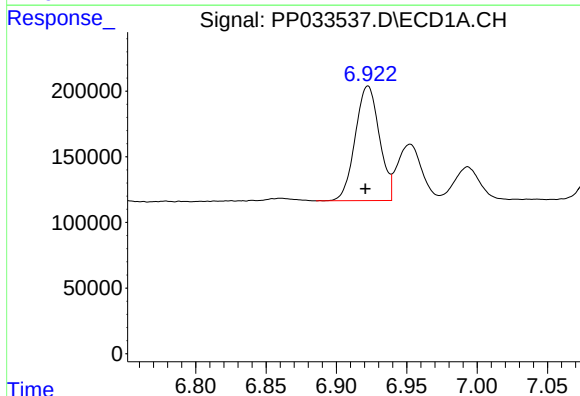
R.T.: 6.993 min  
Delta R.T.: 0.003 min  
Response: 323358  
Conc: 175.41 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



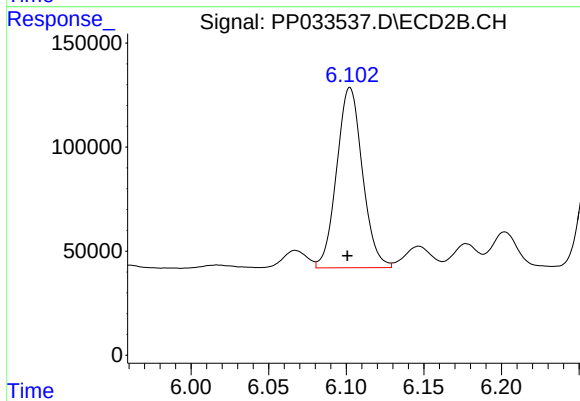
#25 AR-1248-5

R.T.: 6.147 min  
Delta R.T.: 0.002 min  
Response: 122997  
Conc: 109.32 ng/ml



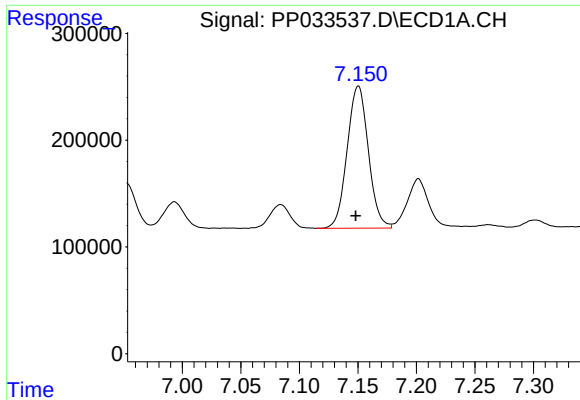
#26 AR-1254-1

R.T.: 6.923 min  
Delta R.T.: 0.002 min  
Response: 1045122  
Conc: 536.13 ng/ml



#26 AR-1254-1

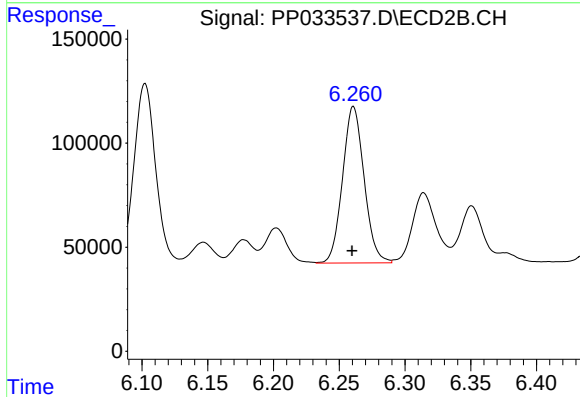
R.T.: 6.102 min  
Delta R.T.: 0.002 min  
Response: 1000778  
Conc: 549.66 ng/ml



#27 AR-1254-2

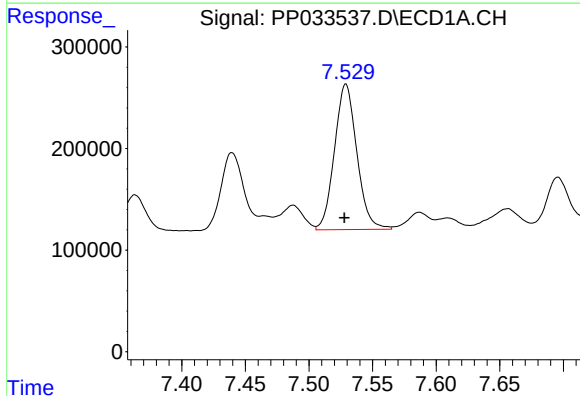
R.T.: 7.151 min  
Delta R.T.: 0.002 min  
Response: 1678128  
Conc: 542.27 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



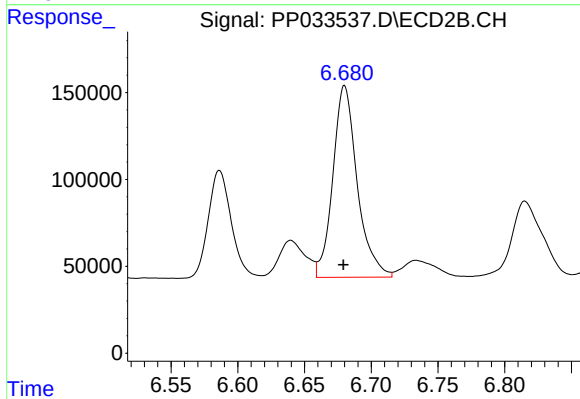
#27 AR-1254-2

R.T.: 6.261 min  
Delta R.T.: 0.001 min  
Response: 858916  
Conc: 551.93 ng/ml



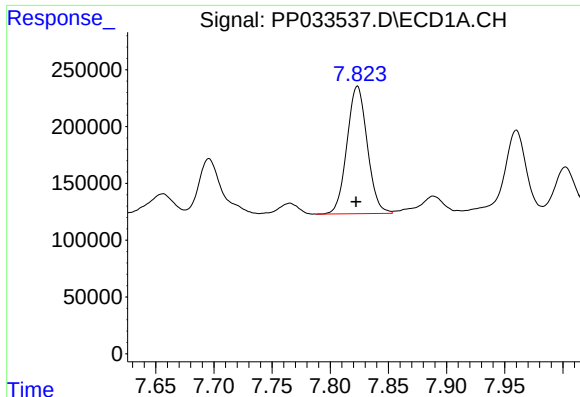
#28 AR-1254-3

R.T.: 7.529 min  
Delta R.T.: 0.001 min  
Response: 1754418  
Conc: 574.94 ng/ml



#28 AR-1254-3

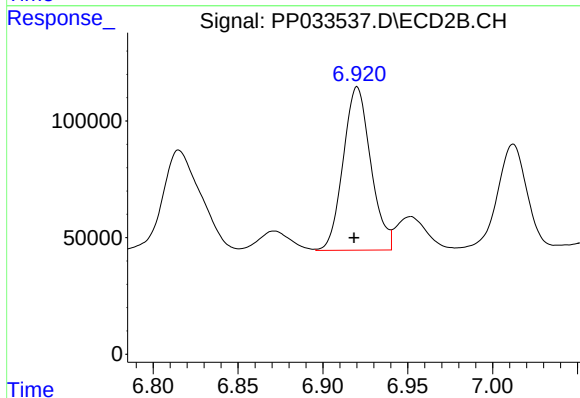
R.T.: 6.680 min  
Delta R.T.: 0.000 min  
Response: 1403364  
Conc: 567.25 ng/ml



#29 AR-1254-4

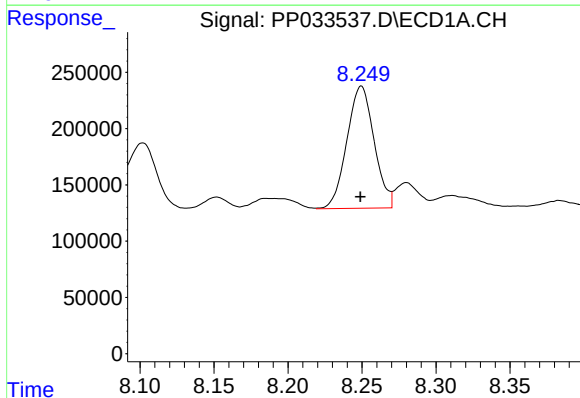
R.T.: 7.823 min  
Delta R.T.: 0.001 min  
Response: 1366351  
Conc: 610.13 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



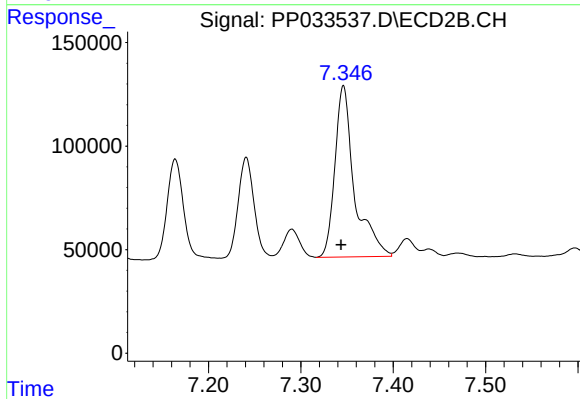
#29 AR-1254-4

R.T.: 6.920 min  
Delta R.T.: 0.002 min  
Response: 792043  
Conc: 623.98 ng/ml



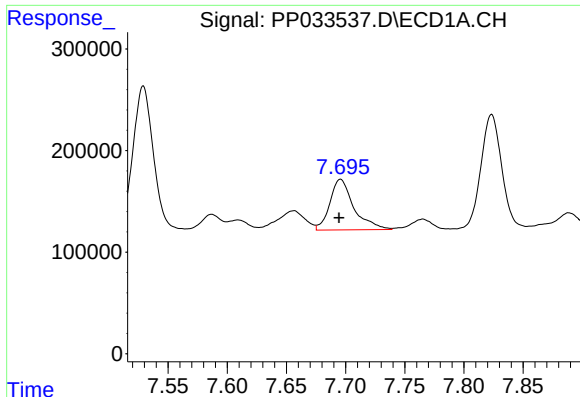
#30 AR-1254-5

R.T.: 8.250 min  
Delta R.T.: 0.000 min  
Response: 1391649  
Conc: 593.45 ng/ml



#30 AR-1254-5

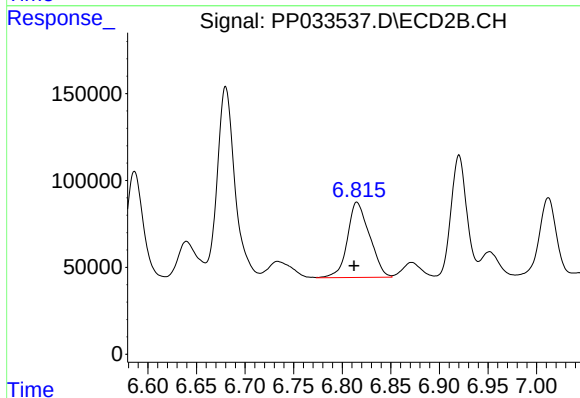
R.T.: 7.346 min  
Delta R.T.: 0.003 min  
Response: 1216292  
Conc: 583.96 ng/ml



#31 AR-1260-1

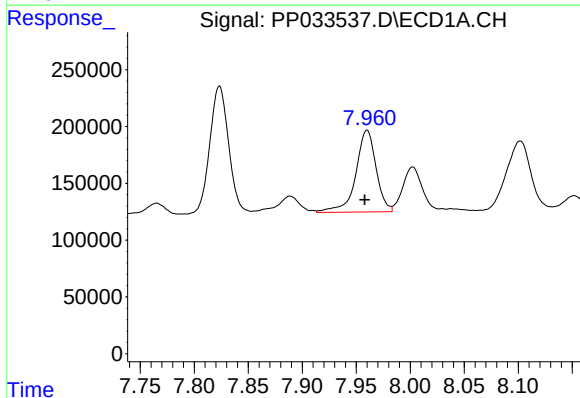
R.T.: 7.696 min  
Delta R.T.: 0.001 min  
Response: 702168  
Conc: 306.49 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



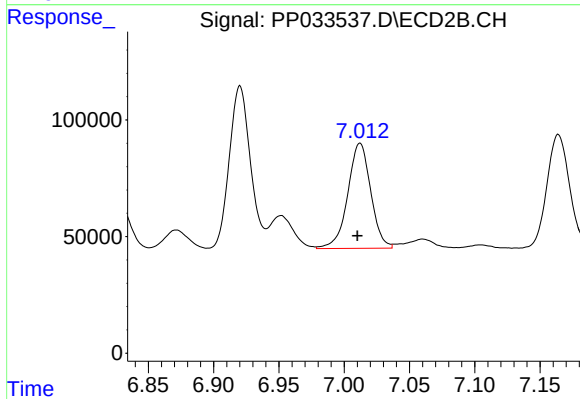
#31 AR-1260-1

R.T.: 6.815 min  
Delta R.T.: 0.003 min  
Response: 685803  
Conc: 397.22 ng/ml



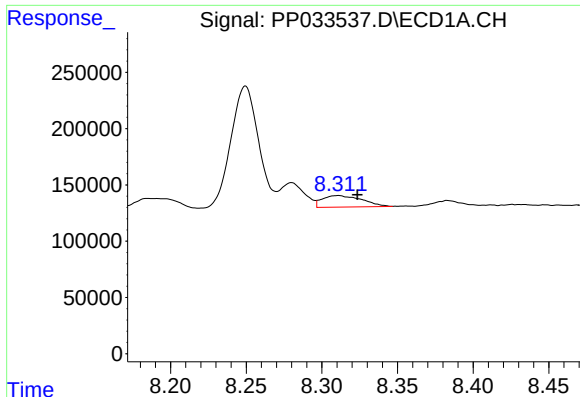
#32 AR-1260-2

R.T.: 7.960 min  
Delta R.T.: 0.002 min  
Response: 944080  
Conc: 296.55 ng/ml



#32 AR-1260-2

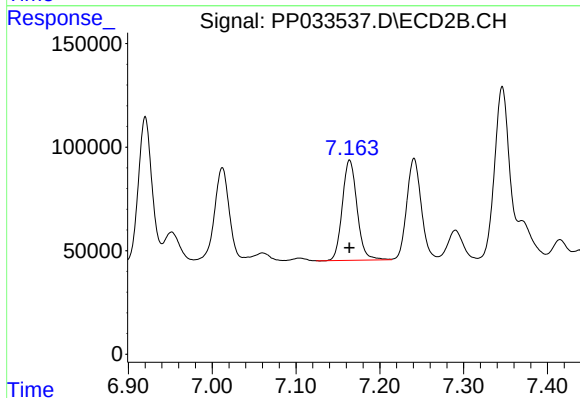
R.T.: 7.012 min  
Delta R.T.: 0.002 min  
Response: 552799  
Conc: 280.97 ng/ml



#33 AR-1260-3

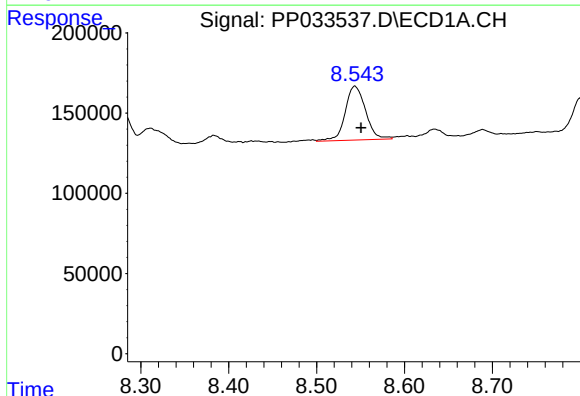
R.T.: 8.311 min  
Delta R.T.: -0.013 min  
Response: 186374  
Conc: 64.23 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



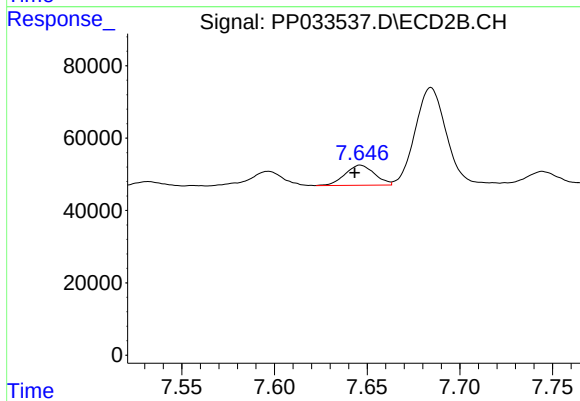
#33 AR-1260-3

R.T.: 7.164 min  
Delta R.T.: 0.000 min  
Response: 591245  
Conc: 293.43 ng/ml



#34 AR-1260-4

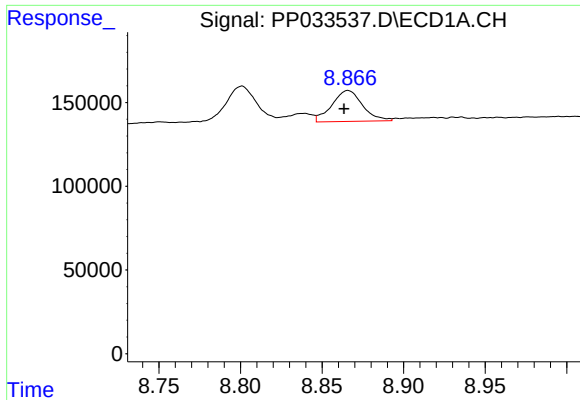
R.T.: 8.544 min  
Delta R.T.: -0.007 min  
Response: 542396  
Conc: 207.84 ng/ml



#34 AR-1260-4

R.T.: 7.646 min  
Delta R.T.: 0.003 min  
Response: 61253  
Conc: 37.81 ng/ml

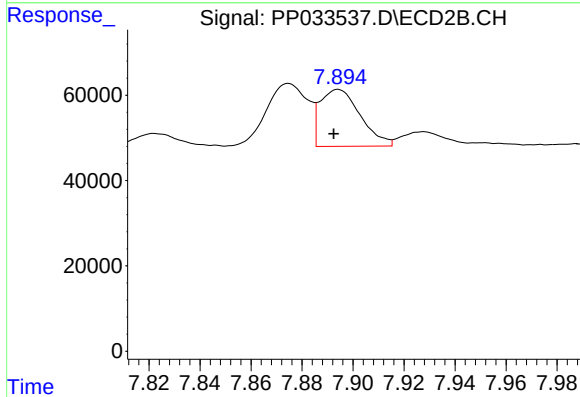




#35 AR-1260-5

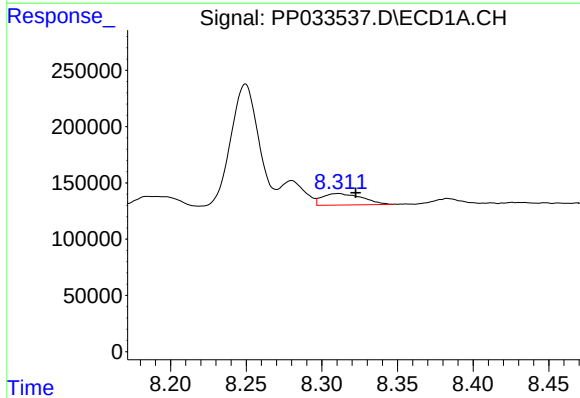
R.T.: 8.866 min  
Delta R.T.: 0.002 min  
Response: 241311  
Conc: 40.86 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



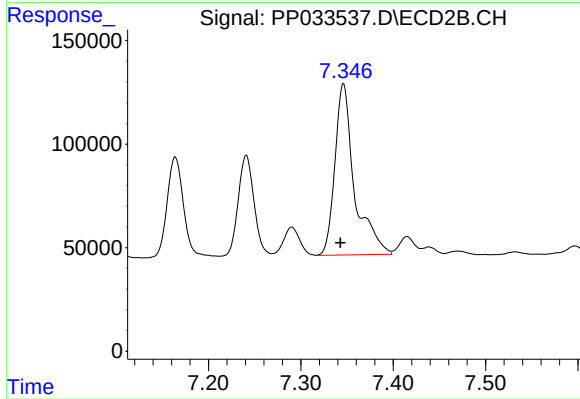
#35 AR-1260-5

R.T.: 7.894 min  
Delta R.T.: 0.002 min  
Response: 145830  
Conc: 40.50 ng/ml



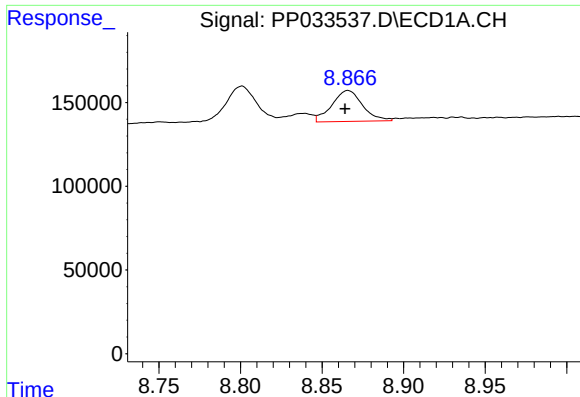
#36 AR-1262-1

R.T.: 8.311 min  
Delta R.T.: -0.011 min  
Response: 186374  
Conc: 46.13 ng/ml



#36 AR-1262-1

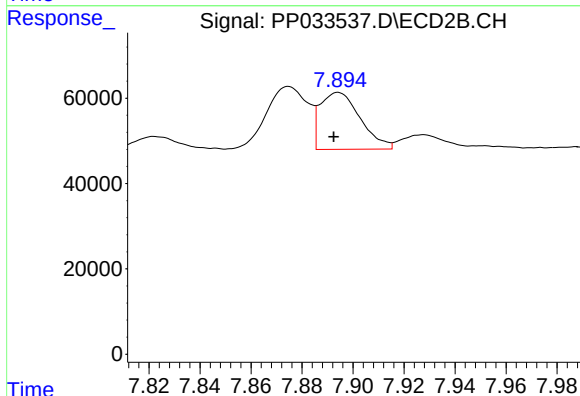
R.T.: 7.346 min  
Delta R.T.: 0.003 min  
Response: 1216292  
Conc: 1091.00 ng/ml



#37 AR-1262-2

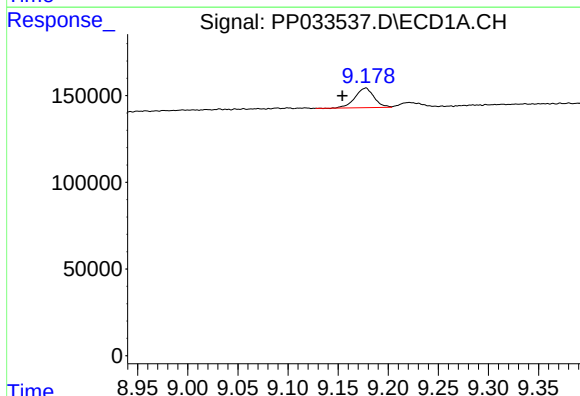
R.T.: 8.866 min  
Delta R.T.: 0.002 min  
Response: 241311  
Conc: 39.29 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



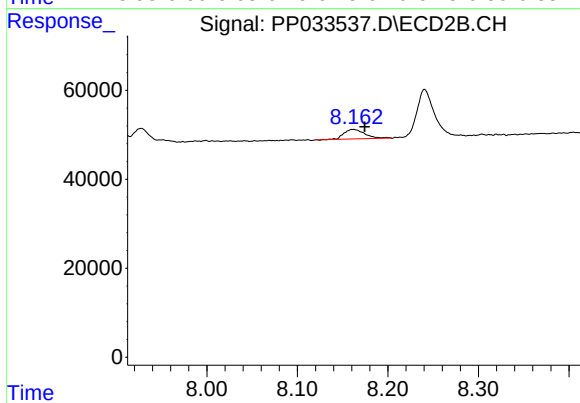
#37 AR-1262-2

R.T.: 7.894 min  
Delta R.T.: 0.002 min  
Response: 145830  
Conc: 39.31 ng/ml



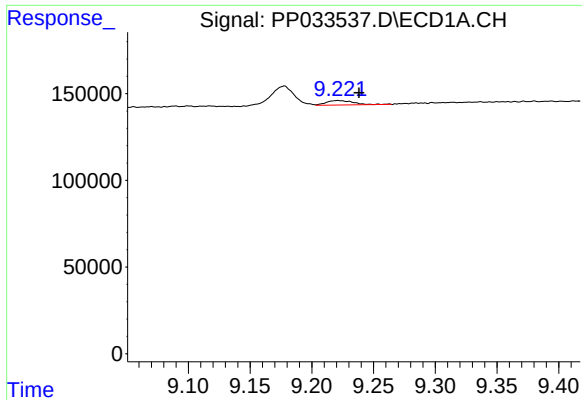
#38 AR-1262-3

R.T.: 9.177 min  
Delta R.T.: 0.023 min  
Response: 147524  
Conc: 35.05 ng/ml



#38 AR-1262-3

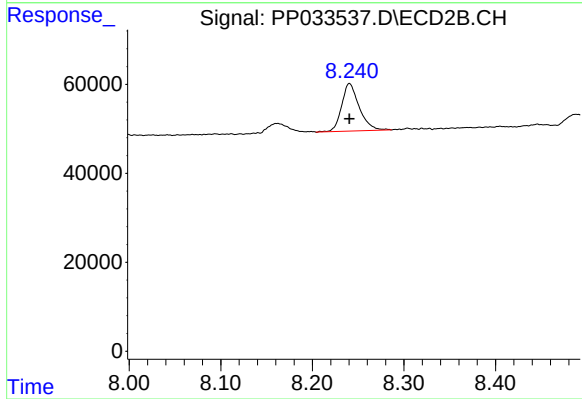
R.T.: 8.162 min  
Delta R.T.: -0.013 min  
Response: 34385  
Conc: 20.08 ng/ml



#39 AR-1262-4

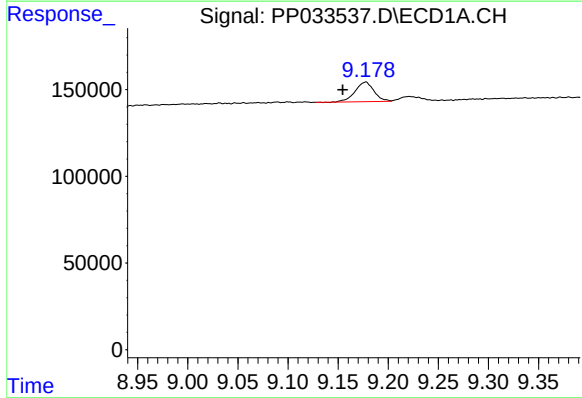
R.T.: 9.221 min  
Delta R.T.: -0.017 min  
Response: 38810  
Conc: 11.68 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



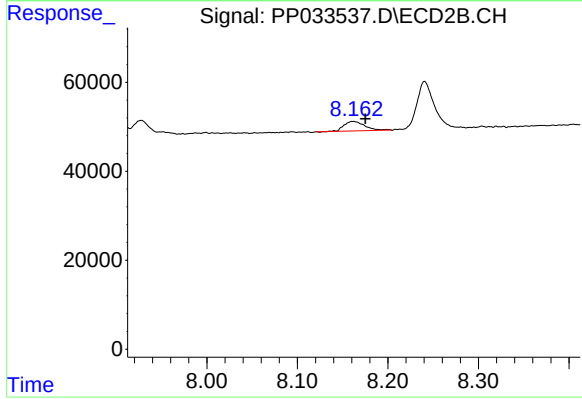
#39 AR-1262-4

R.T.: 8.241 min  
Delta R.T.: 0.000 min  
Response: 142898  
Conc: 49.65 ng/ml



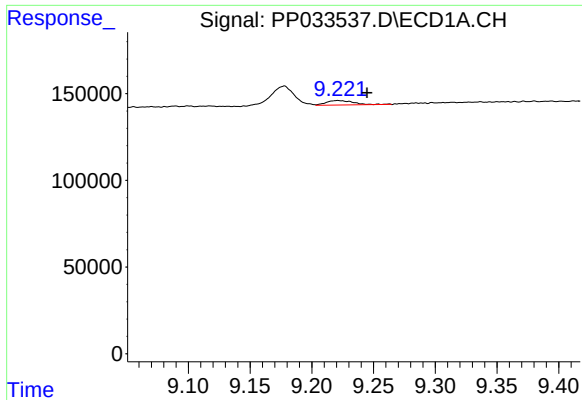
#41 AR-1268-1

R.T.: 9.177 min  
Delta R.T.: 0.023 min  
Response: 147524  
Conc: 18.63 ng/ml



#41 AR-1268-1

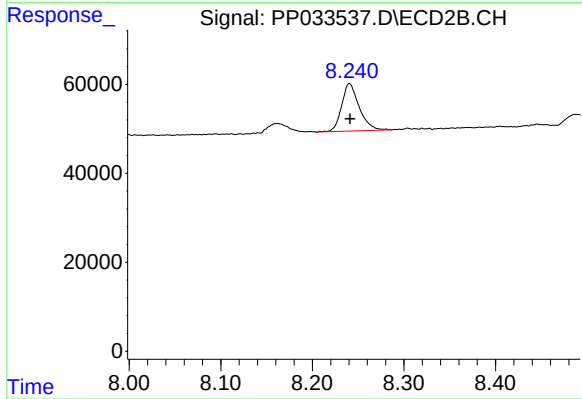
R.T.: 8.162 min  
Delta R.T.: -0.014 min  
Response: 34385  
Conc: 7.28 ng/ml



#42 AR-1268-2

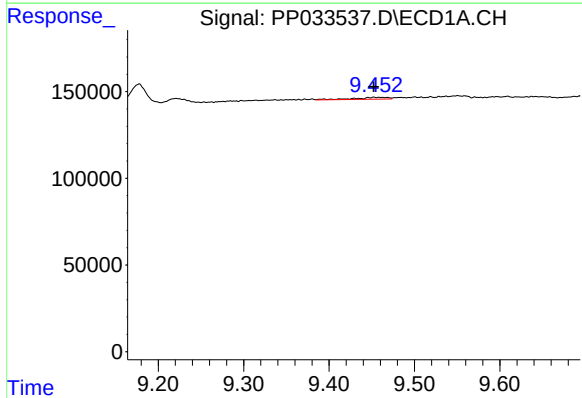
R.T.: 9.221 min  
Delta R.T.: -0.024 min  
Response: 38810  
Conc: 5.90 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



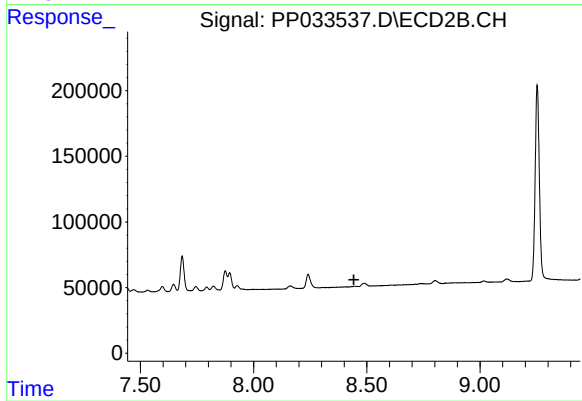
#42 AR-1268-2

R.T.: 8.241 min  
Delta R.T.: 0.000 min  
Response: 142898  
Conc: 31.91 ng/ml



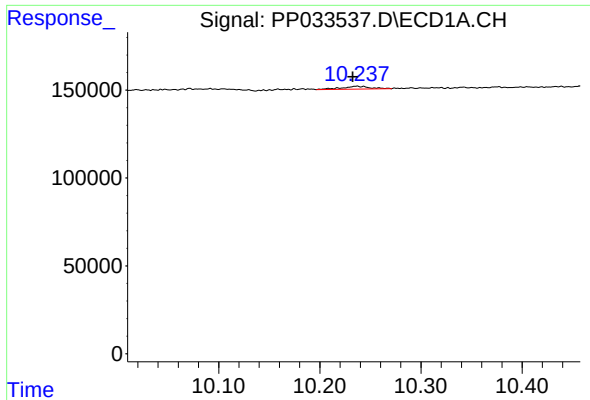
#43 AR-1268-3

R.T.: 9.453 min  
Delta R.T.: 0.000 min  
Response: 28828  
Conc: 4.43 ng/ml



#43 AR-1268-3

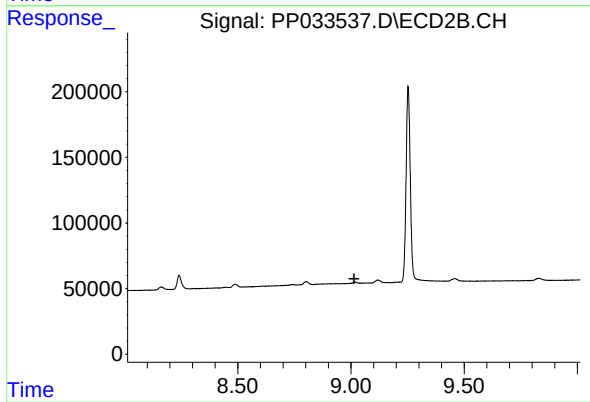
R.T.: 0.000 min  
Exp R.T. : 8.443 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 10.236 min  
Delta R.T.: 0.004 min  
Response: 31311  
Conc: 1.88 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 9.013 min  
Response: 0  
Conc: N.D.