

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP092921\  
 Data File : PP039628.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 29 Sep 2021 21:38  
 Operator : AJ\MA  
 Sample : AR1242CCC500  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

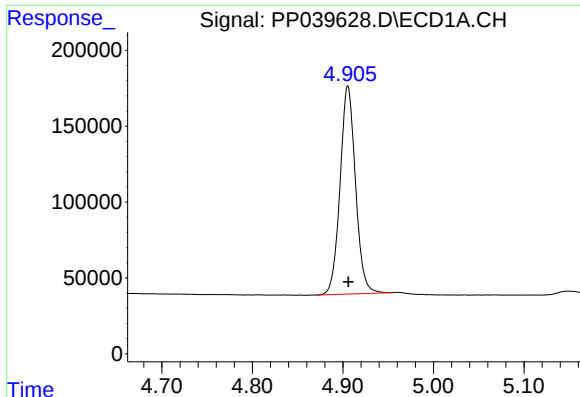
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 30 03:41:01 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP092421.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat Sep 25 01:28:12 2021  
 Response via : Initial Calibration  
 Integrator: 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... | 4.905  | 3.995 | 1626567 | 907406  | 51.380   | 55.689    |
| 2)                          | SA Decachlor... | 10.927 | 9.331 | 1122479 | 1105881 | 51.742   | 50.607    |
| Target Compounds            |                 |        |       |         |         |          |           |
| 3)                          | L1 AR-1016-1    | 6.227  | 5.260 | 417289  | 283195  | 389.197  | 392.953   |
| 4)                          | L1 AR-1016-2    | 6.251  | 5.280 | 606675  | 387172  | 386.745  | 392.401   |
| 5)                          | L1 AR-1016-3    | 6.317  | 5.474 | 380245  | 218194  | 388.328  | 400.220   |
| 6)                          | L1 AR-1016-4    | 6.425  | 5.525 | 312437  | 182890  | 399.031  | 412.761   |
| 7)                          | L1 AR-1016-5    | 6.740  | 5.754 | 315362  | 123751  | 426.078  | 223.845 # |
| 8)                          | L2 AR-1221-1    | 5.149  | 4.254 | 46635   | 27554   | 124.259  | 136.763   |
| 9)                          | L2 AR-1221-2    | 5.255  | 4.355 | 58999   | 45452   | 216.720  | 266.718   |
| 10)                         | L2 AR-1221-3    | 5.341  | 4.445 | 251567  | 165925  | 293.873  | 306.883   |
| 11)                         | L3 AR-1232-1    | 5.341  | 4.445 | 251567  | 165925  | 393.075  | 410.306   |
| 12)                         | L3 AR-1232-2    | 5.931  | 5.280 | 323054  | 387172  | 897.395  | 927.150   |
| 13)                         | L3 AR-1232-3    | 6.251  | 5.474 | 606675  | 218194  | 932.371  | 983.511   |
| 14)                         | L3 AR-1232-4    | 6.425  | 5.570 | 312437  | 194839  | 932.098  | 830.157   |
| 15)                         | L3 AR-1232-5    | 6.522  | 5.754 | 249976  | 123751  | 1084.629 | 566.492 # |
| 16)                         | L4 AR-1242-1    | 6.227  | 5.260 | 417289  | 283195  | 515.612  | 527.982   |
| 17)                         | L4 AR-1242-2    | 6.251  | 5.280 | 606675  | 387172  | 520.100  | 528.638   |
| 18)                         | L4 AR-1242-3    | 6.317  | 5.474 | 380245  | 218194  | 518.797  | 529.891   |
| 19)                         | L4 AR-1242-4    | 6.425  | 5.570 | 312437  | 194839  | 522.403  | 461.221   |
| 20)                         | L4 AR-1242-5    | 7.208  | 6.136 | 366255  | 285936  | 589.709  | 538.839   |
| 21)                         | L5 AR-1248-1    | 6.227  | 5.260 | 417289  | 283195  | 649.831  | 652.112   |
| 22)                         | L5 AR-1248-2    | 6.522  | 5.525 | 249976  | 182890  | 302.939  | 308.625   |
| 23)                         | L5 AR-1248-3    | 6.740  | 5.570 | 315362  | 194839  | 320.629  | 321.558   |
| 24)                         | L5 AR-1248-4    | 7.169  | 5.754 | 382532  | 123751  | 352.379  | 181.736 # |
| 25)                         | L5 AR-1248-5    | 7.208  | 6.180 | 366255  | 228198  | 350.986  | 323.744   |
| 26)                         | L6 AR-1254-1    | 7.139  | 6.136 | 376021  | 285936  | 344.496  | 274.640   |
| 27)                         | L6 AR-1254-2    | 7.373  | 6.296 | 301388  | 90761   | 186.588  | 94.179 #  |
| 28)                         | L6 AR-1254-3    | 7.757  | 6.721 | 327009  | 128291  | 196.536  | 85.280 #  |
| 29)                         | L6 AR-1254-4    | 8.048  | 6.960 | 92195   | 83964   | 75.475   | 87.196    |
| 30)                         | L6 AR-1254-5    | 8.477  | 7.392 | 32041   | 55244   | 25.253   | 39.249 #  |
| 31)                         | L7 AR-1260-1    | 7.917  | 6.868 | 199150  | 73755   | 162.059  | 68.488 #  |
| 32)                         | L7 AR-1260-2    | 8.183  | 7.054 | 36985   | 19679   | 26.715   | 15.365 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.210 | 0       | 28632   | N.D.     | 23.800 #  |
| 34)                         | L7 AR-1260-4    | 8.773  | 0.000 | 30341   | 0       | 30.433   | N.D. #    |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.946 | 0       | 5945    | N.D.     | 2.772 #   |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.392 | 0       | 55244   | N.D.     | 78.362 #  |
| 37)                         | L8 AR-1262-2    | 0.000  | 7.946 | 0       | 5945    | N.D.     | 2.617 #   |
| -----                       |                 |        |       |         |         |          |           |

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

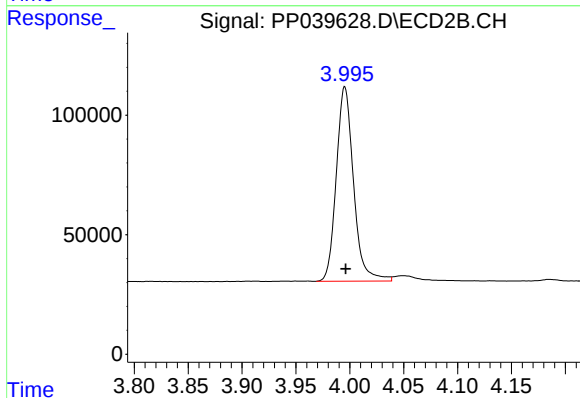




#1 Tetrachloro-m-xylene

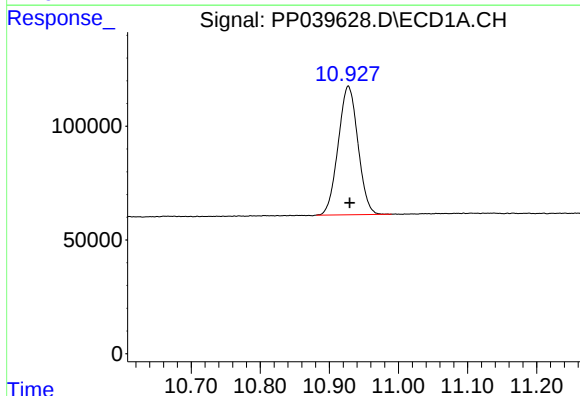
R.T.: 4.905 min  
Delta R.T.: 0.000 min  
Response: 1626567  
Conc: 51.38 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



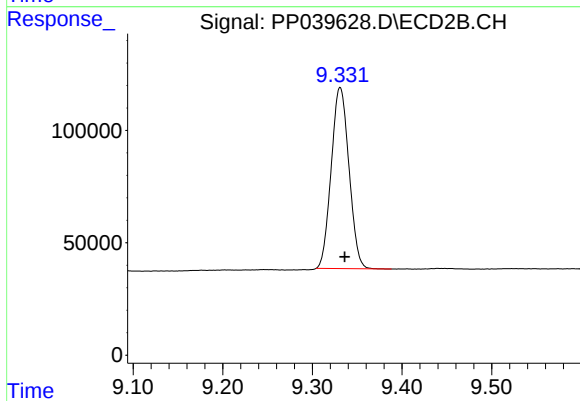
#1 Tetrachloro-m-xylene

R.T.: 3.995 min  
Delta R.T.: 0.000 min  
Response: 907406  
Conc: 55.69 ng/ml



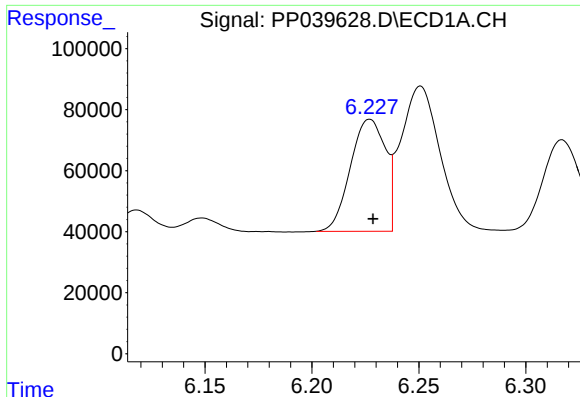
#2 Decachlorobiphenyl

R.T.: 10.927 min  
Delta R.T.: -0.002 min  
Response: 1122479  
Conc: 51.74 ng/ml



#2 Decachlorobiphenyl

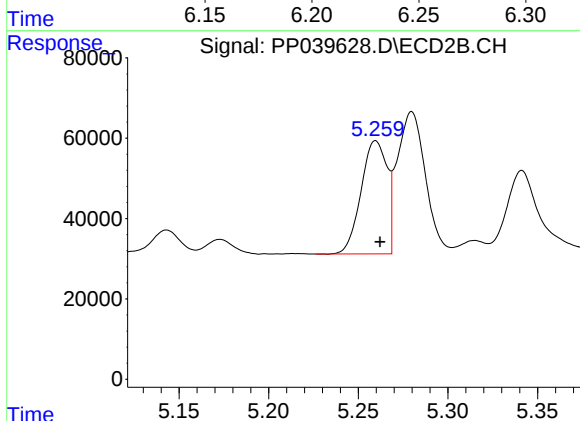
R.T.: 9.331 min  
Delta R.T.: -0.005 min  
Response: 1105881  
Conc: 50.61 ng/ml



#3 AR-1016-1

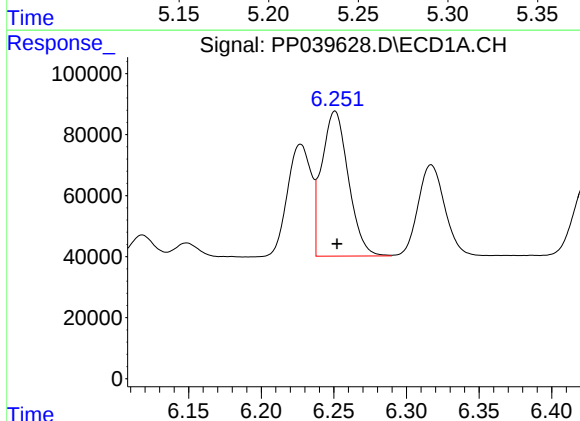
R.T.: 6.227 min  
Delta R.T.: -0.002 min  
Response: 417289  
Conc: 389.20 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



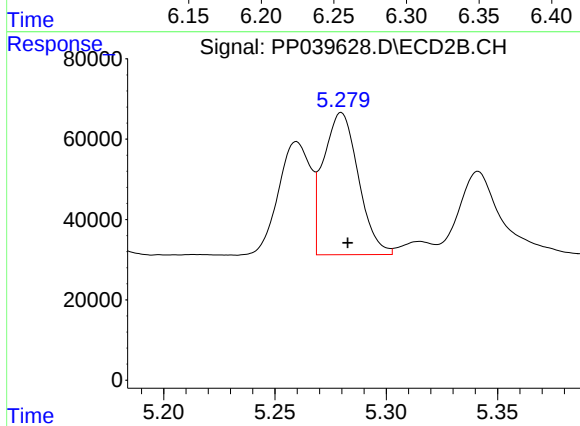
#3 AR-1016-1

R.T.: 5.260 min  
Delta R.T.: -0.002 min  
Response: 283195  
Conc: 392.95 ng/ml



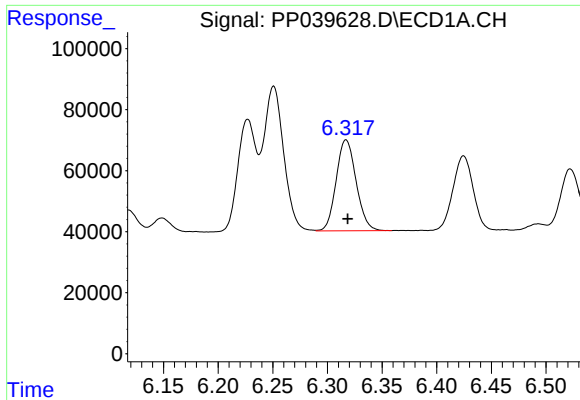
#4 AR-1016-2

R.T.: 6.251 min  
Delta R.T.: -0.001 min  
Response: 606675  
Conc: 386.74 ng/ml



#4 AR-1016-2

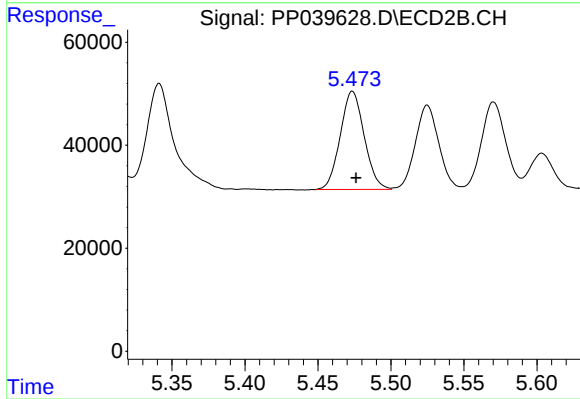
R.T.: 5.280 min  
Delta R.T.: -0.003 min  
Response: 387172  
Conc: 392.40 ng/ml



#5 AR-1016-3

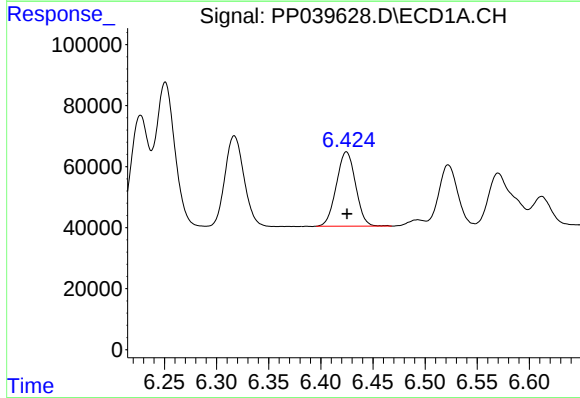
R.T.: 6.317 min  
Delta R.T.: -0.001 min  
Response: 380245  
Conc: 388.33 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



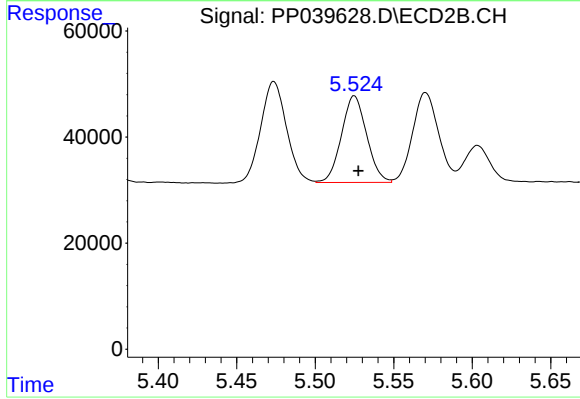
#5 AR-1016-3

R.T.: 5.474 min  
Delta R.T.: -0.002 min  
Response: 218194  
Conc: 400.22 ng/ml



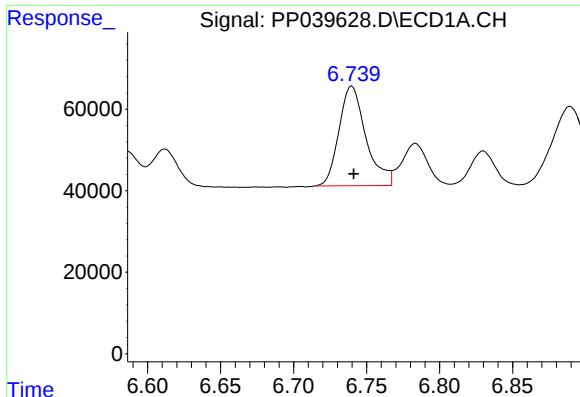
#6 AR-1016-4

R.T.: 6.425 min  
Delta R.T.: 0.000 min  
Response: 312437  
Conc: 399.03 ng/ml



#6 AR-1016-4

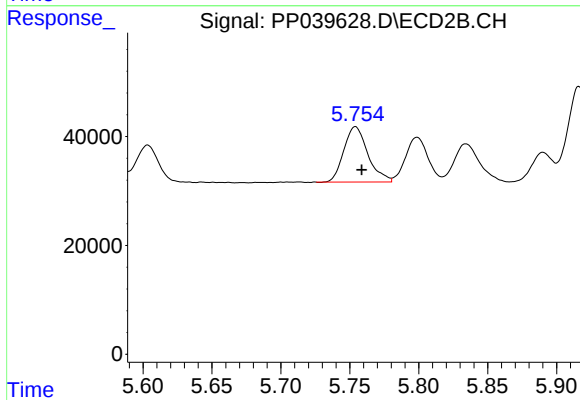
R.T.: 5.525 min  
Delta R.T.: -0.003 min  
Response: 182890  
Conc: 412.76 ng/ml



#7 AR-1016-5

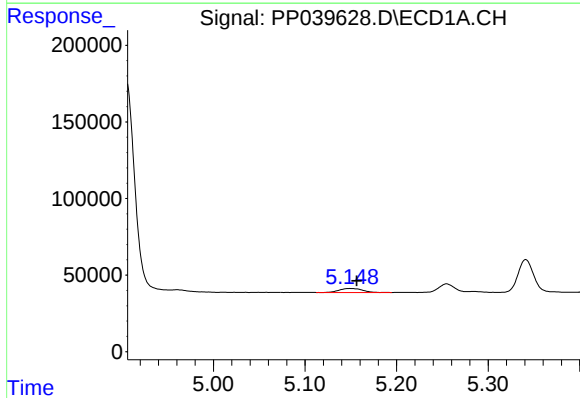
R.T.: 6.740 min  
Delta R.T.: -0.001 min  
Response: 315362  
Conc: 426.08 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



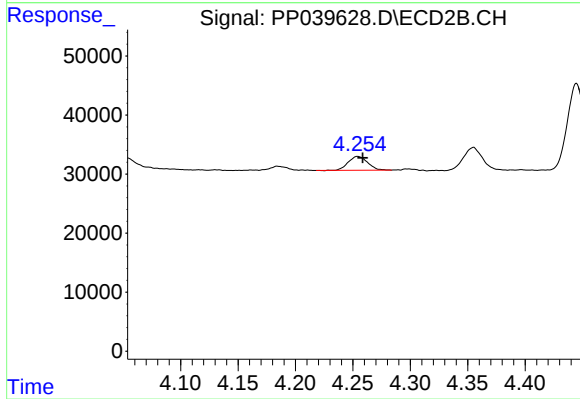
#7 AR-1016-5

R.T.: 5.754 min  
Delta R.T.: -0.005 min  
Response: 123751  
Conc: 223.84 ng/ml



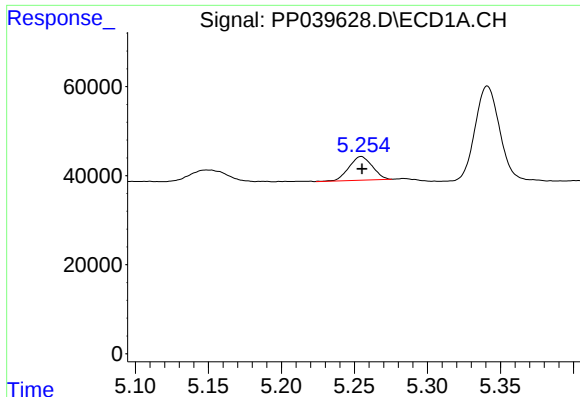
#8 AR-1221-1

R.T.: 5.149 min  
Delta R.T.: -0.008 min  
Response: 46635  
Conc: 124.26 ng/ml



#8 AR-1221-1

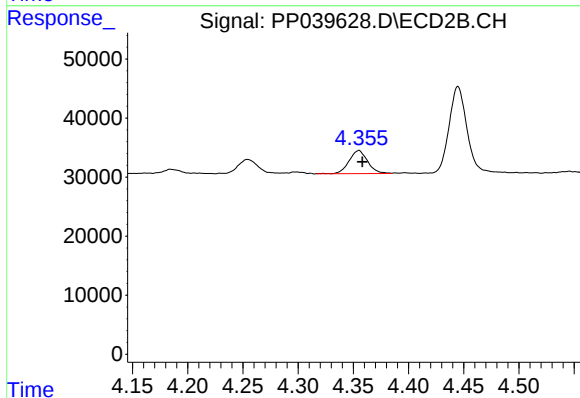
R.T.: 4.254 min  
Delta R.T.: -0.004 min  
Response: 27554  
Conc: 136.76 ng/ml



#9 AR-1221-2

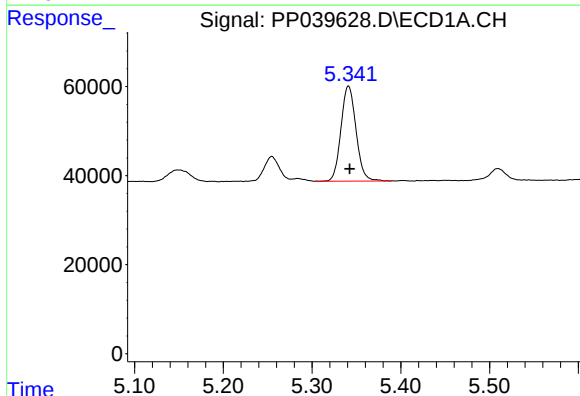
R.T.: 5.255 min  
Delta R.T.: 0.000 min  
Response: 58999  
Conc: 216.72 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



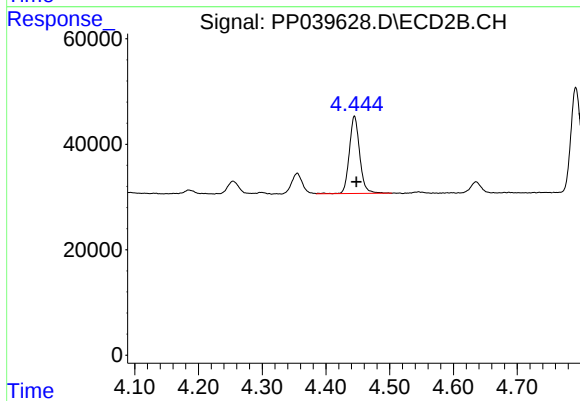
#9 AR-1221-2

R.T.: 4.355 min  
Delta R.T.: -0.003 min  
Response: 45452  
Conc: 266.72 ng/ml



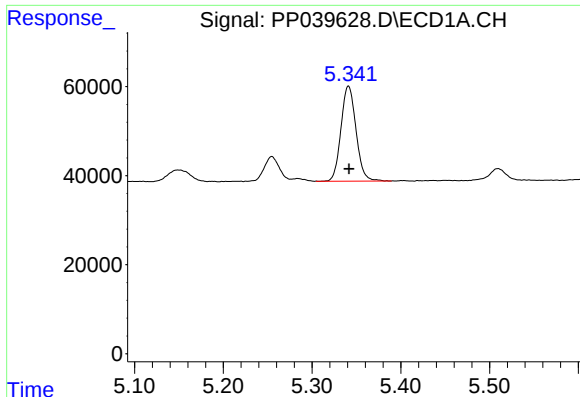
#10 AR-1221-3

R.T.: 5.341 min  
Delta R.T.: -0.002 min  
Response: 251567  
Conc: 293.87 ng/ml



#10 AR-1221-3

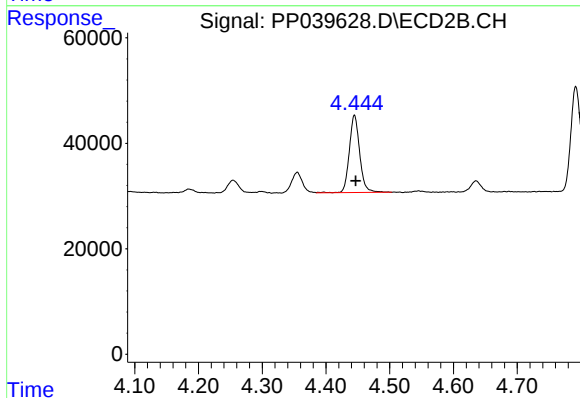
R.T.: 4.445 min  
Delta R.T.: -0.003 min  
Response: 165925  
Conc: 306.88 ng/ml



#11 AR-1232-1

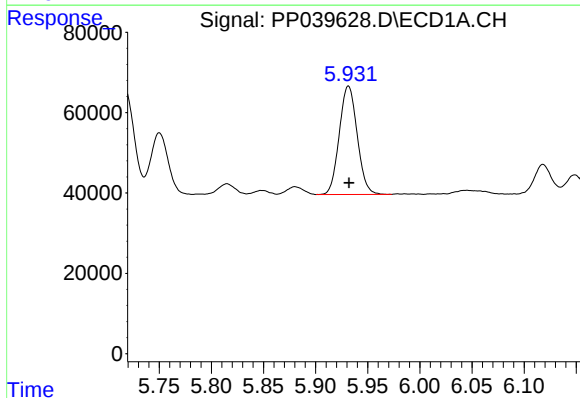
R.T.: 5.341 min  
Delta R.T.: 0.000 min  
Response: 251567  
Conc: 393.08 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



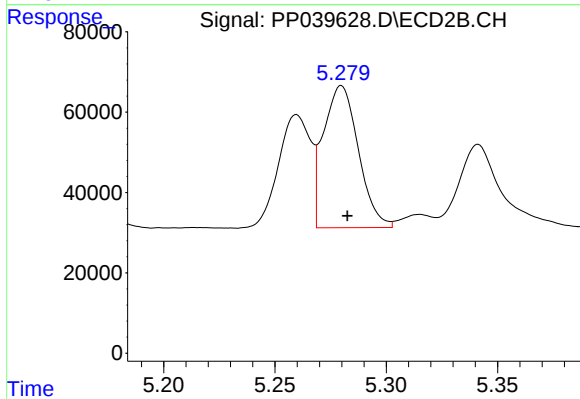
#11 AR-1232-1

R.T.: 4.445 min  
Delta R.T.: -0.002 min  
Response: 165925  
Conc: 410.31 ng/ml



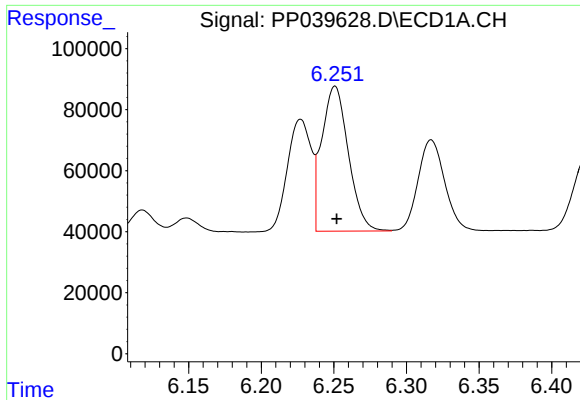
#12 AR-1232-2

R.T.: 5.931 min  
Delta R.T.: 0.000 min  
Response: 323054  
Conc: 897.40 ng/ml



#12 AR-1232-2

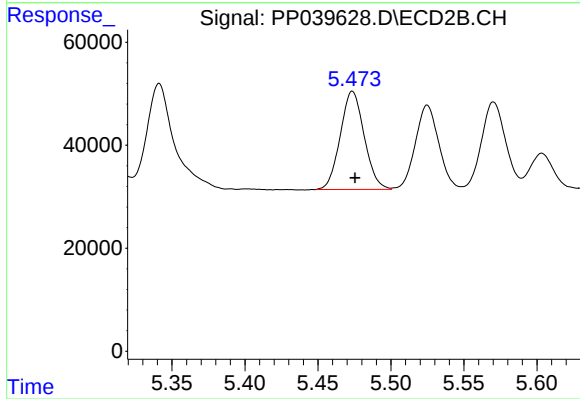
R.T.: 5.280 min  
Delta R.T.: -0.003 min  
Response: 387172  
Conc: 927.15 ng/ml



#13 AR-1232-3

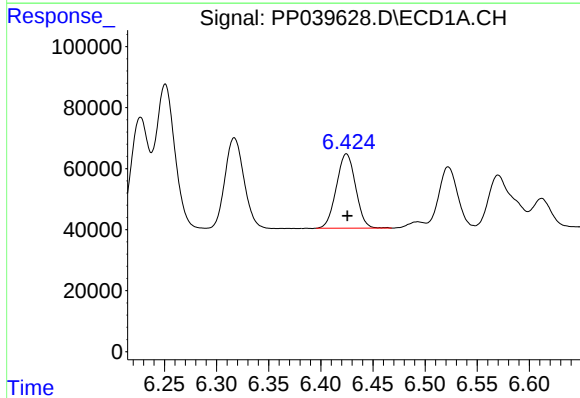
R.T.: 6.251 min  
Delta R.T.: -0.001 min  
Response: 606675  
Conc: 932.37 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



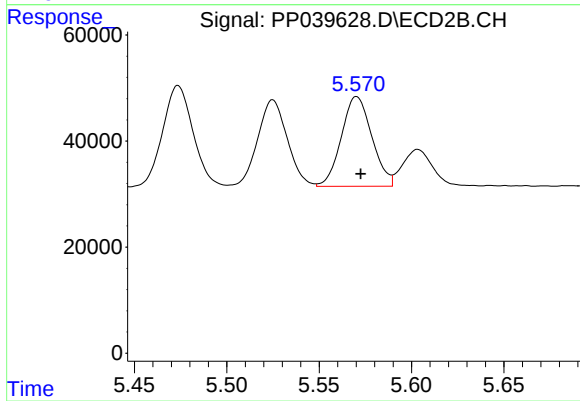
#13 AR-1232-3

R.T.: 5.474 min  
Delta R.T.: -0.002 min  
Response: 218194  
Conc: 983.51 ng/ml



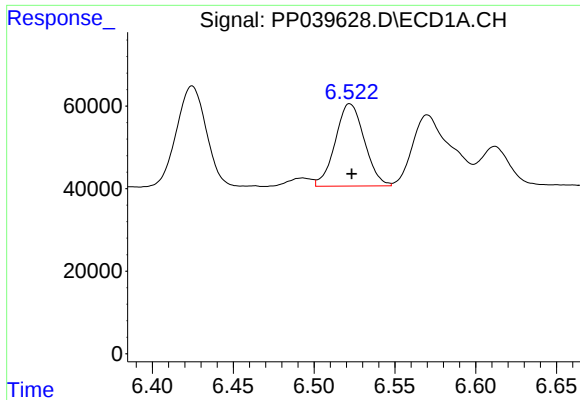
#14 AR-1232-4

R.T.: 6.425 min  
Delta R.T.: 0.000 min  
Response: 312437  
Conc: 932.10 ng/ml



#14 AR-1232-4

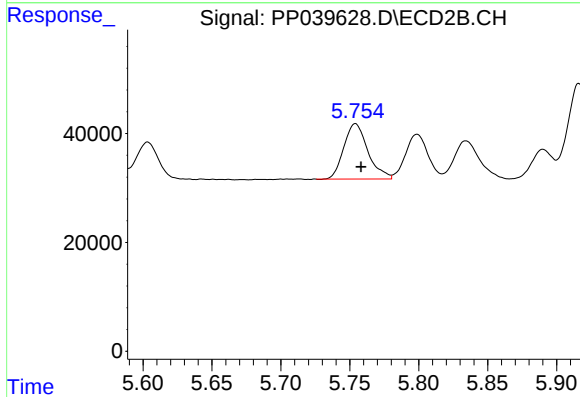
R.T.: 5.570 min  
Delta R.T.: -0.002 min  
Response: 194839  
Conc: 830.16 ng/ml



#15 AR-1232-5

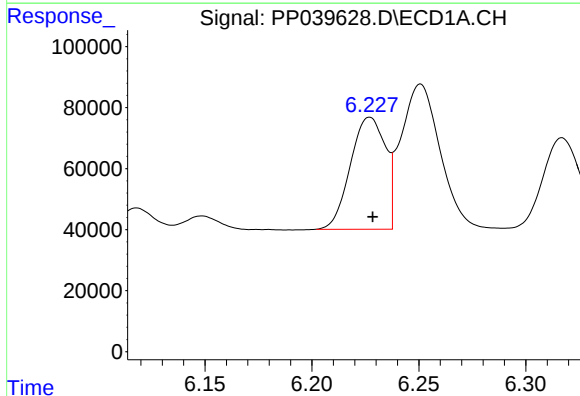
R.T.: 6.522 min  
Delta R.T.: -0.001 min  
Response: 249976  
Conc: 1084.63 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



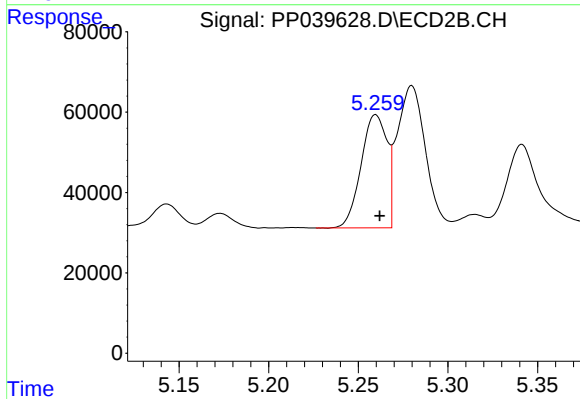
#15 AR-1232-5

R.T.: 5.754 min  
Delta R.T.: -0.004 min  
Response: 123751  
Conc: 566.49 ng/ml



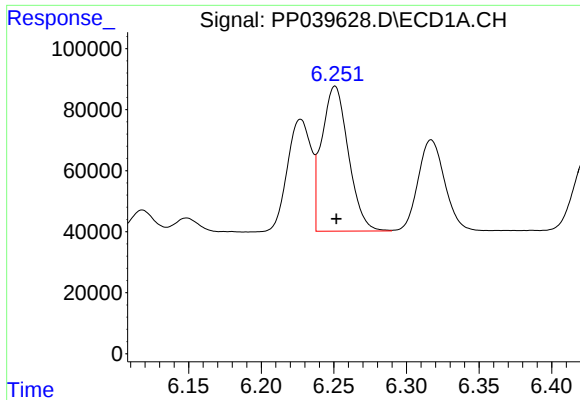
#16 AR-1242-1

R.T.: 6.227 min  
Delta R.T.: -0.001 min  
Response: 417289  
Conc: 515.61 ng/ml



#16 AR-1242-1

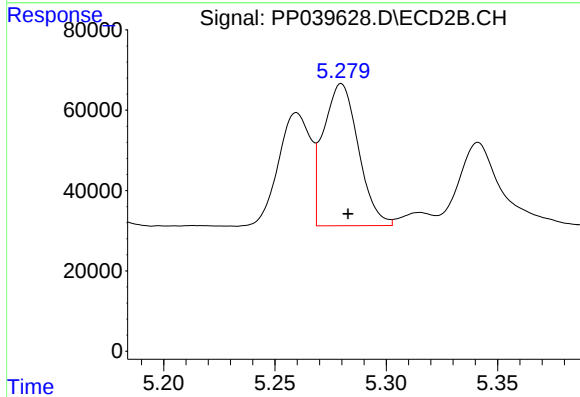
R.T.: 5.260 min  
Delta R.T.: -0.002 min  
Response: 283195  
Conc: 527.98 ng/ml



#17 AR-1242-2

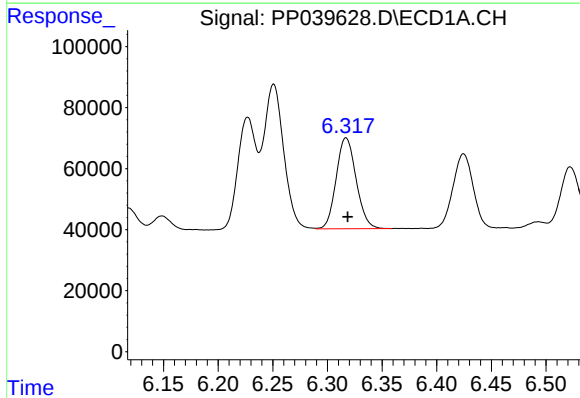
R.T.: 6.251 min  
Delta R.T.: 0.000 min  
Response: 606675  
Conc: 520.10 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



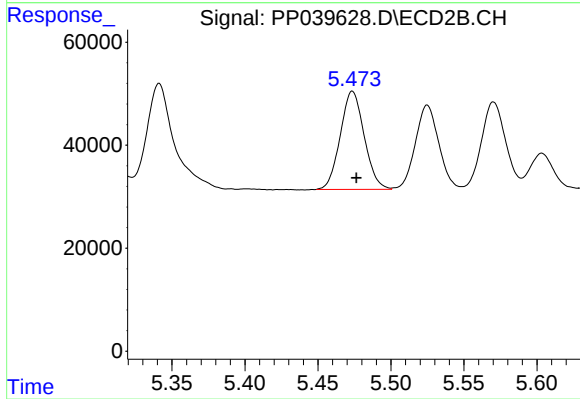
#17 AR-1242-2

R.T.: 5.280 min  
Delta R.T.: -0.003 min  
Response: 387172  
Conc: 528.64 ng/ml



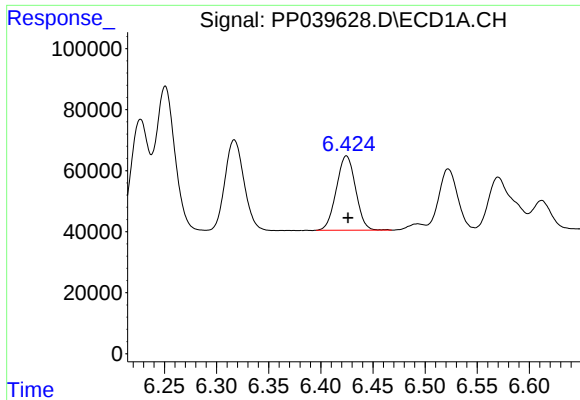
#18 AR-1242-3

R.T.: 6.317 min  
Delta R.T.: -0.001 min  
Response: 380245  
Conc: 518.80 ng/ml



#18 AR-1242-3

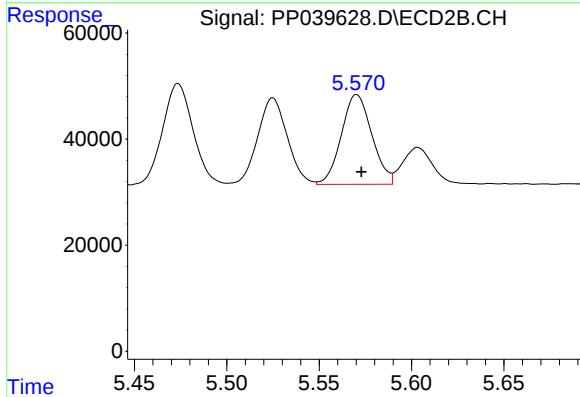
R.T.: 5.474 min  
Delta R.T.: -0.003 min  
Response: 218194  
Conc: 529.89 ng/ml



#19 AR-1242-4

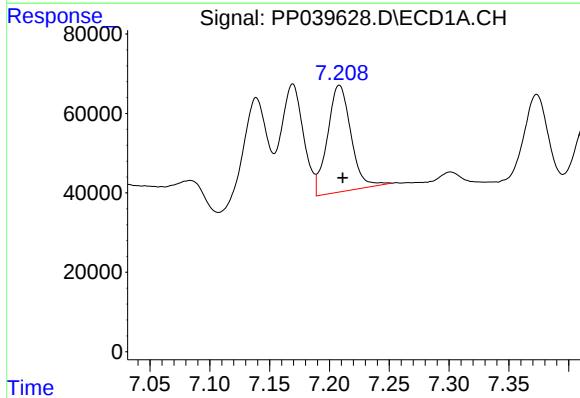
R.T.: 6.425 min  
Delta R.T.: -0.002 min  
Response: 312437  
Conc: 522.40 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



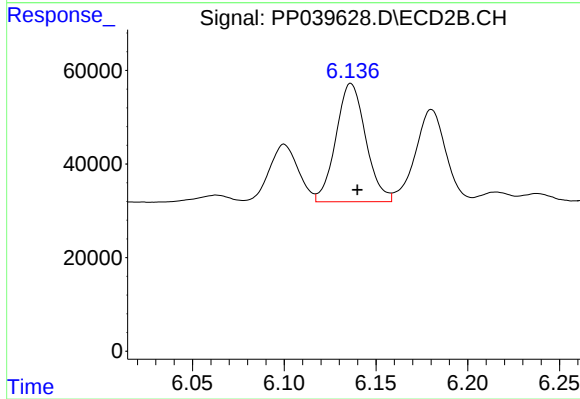
#19 AR-1242-4

R.T.: 5.570 min  
Delta R.T.: -0.003 min  
Response: 194839  
Conc: 461.22 ng/ml



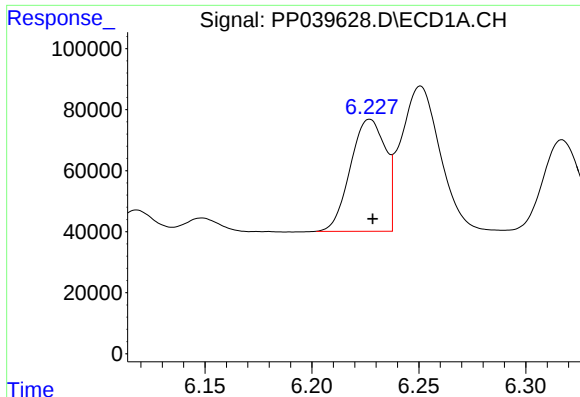
#20 AR-1242-5

R.T.: 7.208 min  
Delta R.T.: -0.003 min  
Response: 366255  
Conc: 589.71 ng/ml



#20 AR-1242-5

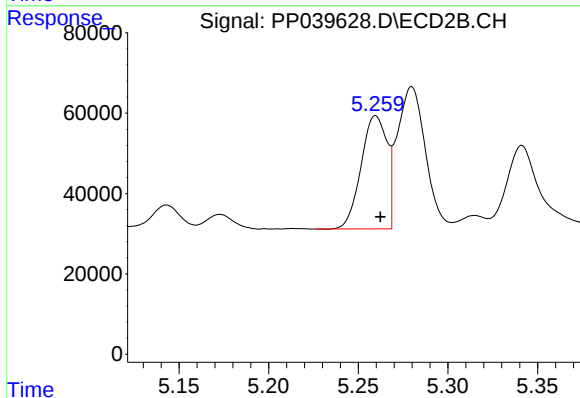
R.T.: 6.136 min  
Delta R.T.: -0.003 min  
Response: 285936  
Conc: 538.84 ng/ml



#21 AR-1248-1

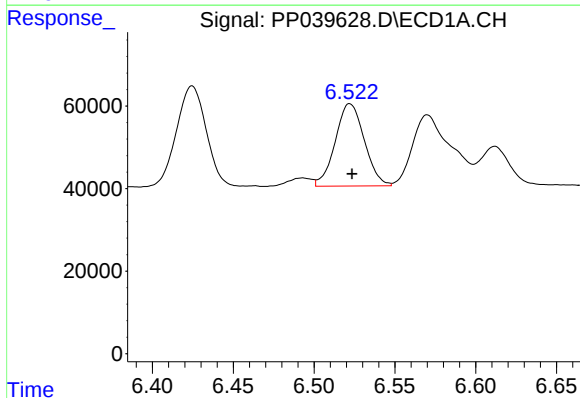
R.T.: 6.227 min  
Delta R.T.: -0.001 min  
Response: 417289  
Conc: 649.83 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



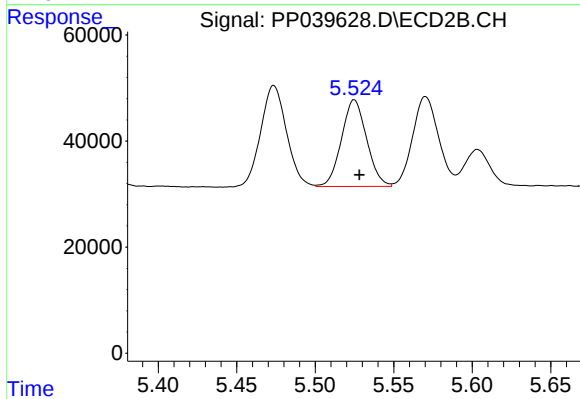
#21 AR-1248-1

R.T.: 5.260 min  
Delta R.T.: -0.003 min  
Response: 283195  
Conc: 652.11 ng/ml



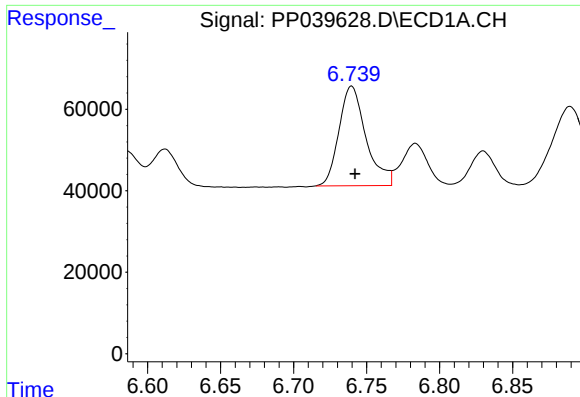
#22 AR-1248-2

R.T.: 6.522 min  
Delta R.T.: -0.001 min  
Response: 249976  
Conc: 302.94 ng/ml



#22 AR-1248-2

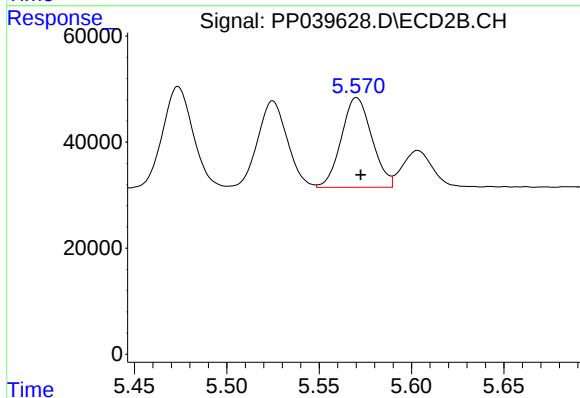
R.T.: 5.525 min  
Delta R.T.: -0.003 min  
Response: 182890  
Conc: 308.62 ng/ml



#23 AR-1248-3

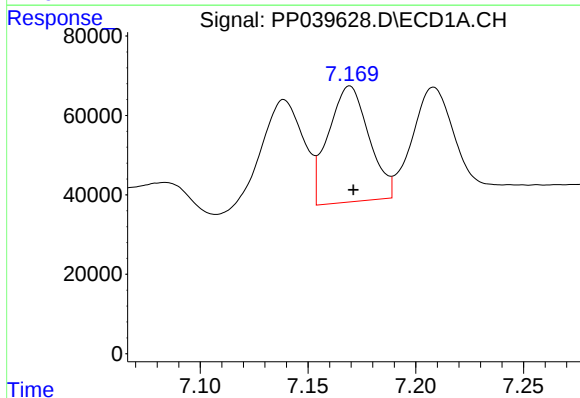
R.T.: 6.740 min  
Delta R.T.: -0.002 min  
Response: 315362  
Conc: 320.63 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



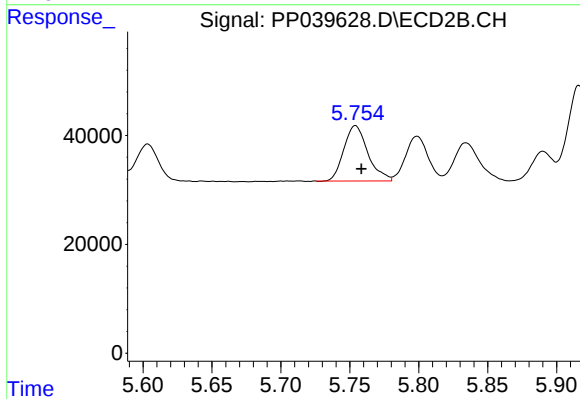
#23 AR-1248-3

R.T.: 5.570 min  
Delta R.T.: -0.002 min  
Response: 194839  
Conc: 321.56 ng/ml



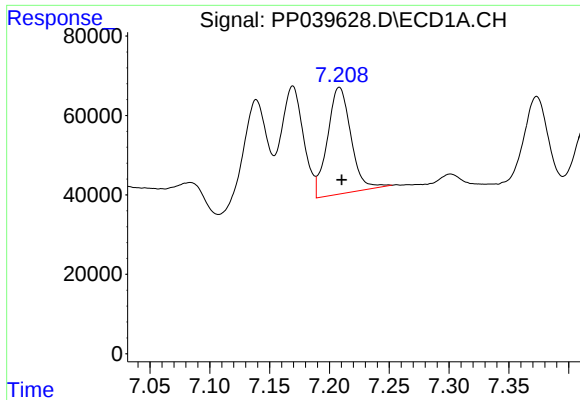
#24 AR-1248-4

R.T.: 7.169 min  
Delta R.T.: -0.002 min  
Response: 382532  
Conc: 352.38 ng/ml



#24 AR-1248-4

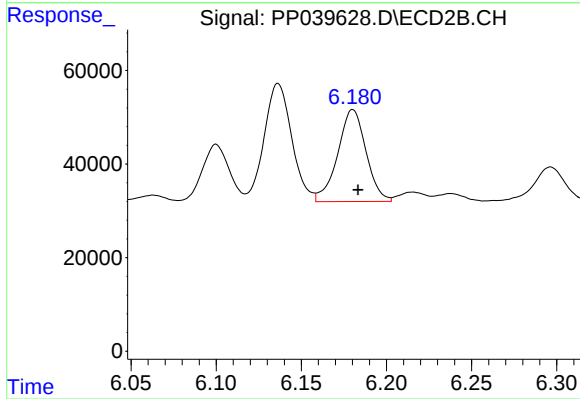
R.T.: 5.754 min  
Delta R.T.: -0.004 min  
Response: 123751  
Conc: 181.74 ng/ml



#25 AR-1248-5

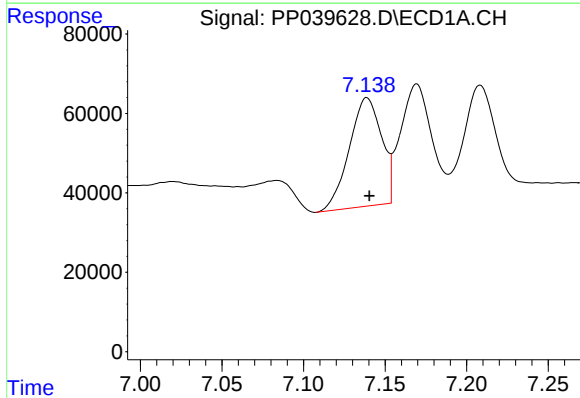
R.T.: 7.208 min  
Delta R.T.: -0.002 min  
Response: 366255  
Conc: 350.99 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



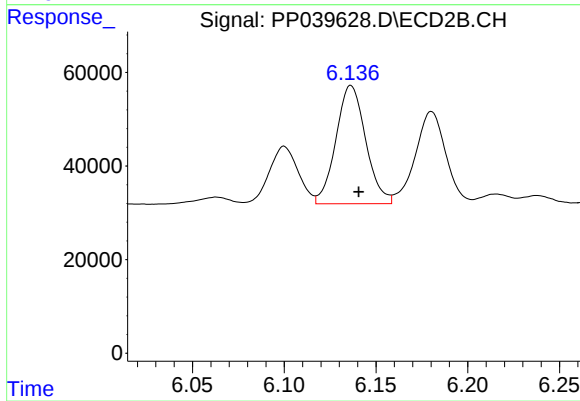
#25 AR-1248-5

R.T.: 6.180 min  
Delta R.T.: -0.003 min  
Response: 228198  
Conc: 323.74 ng/ml



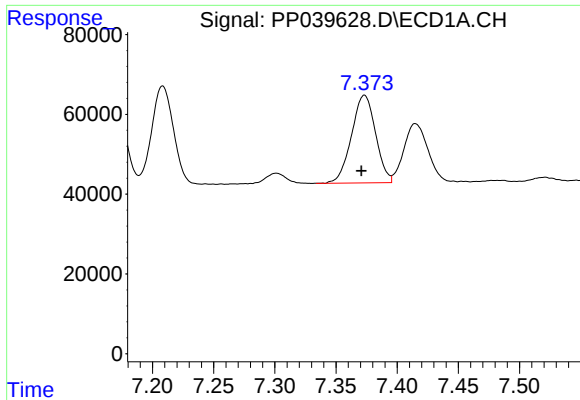
#26 AR-1254-1

R.T.: 7.139 min  
Delta R.T.: -0.002 min  
Response: 376021  
Conc: 344.50 ng/ml



#26 AR-1254-1

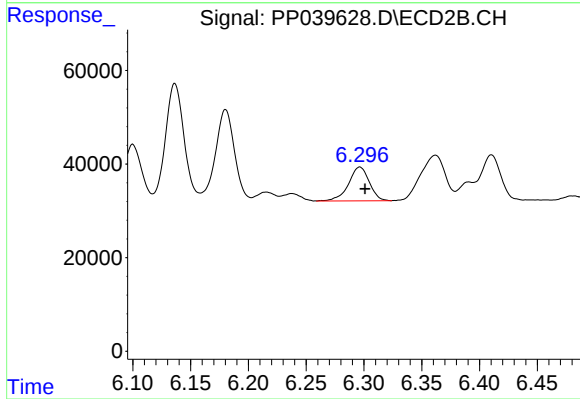
R.T.: 6.136 min  
Delta R.T.: -0.004 min  
Response: 285936  
Conc: 274.64 ng/ml



#27 AR-1254-2

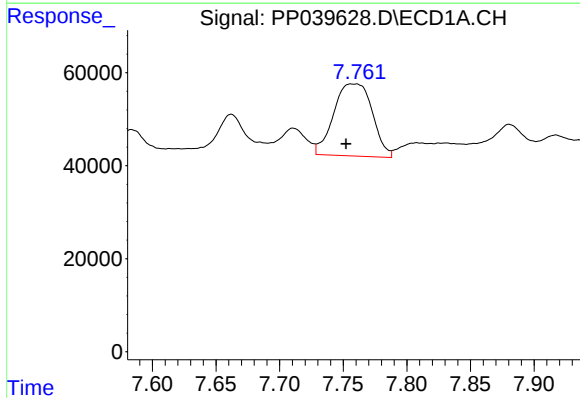
R.T.: 7.373 min  
Delta R.T.: 0.002 min  
Response: 301388  
Conc: 186.59 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



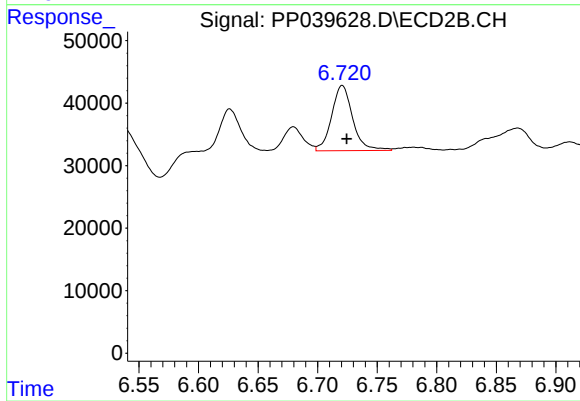
#27 AR-1254-2

R.T.: 6.296 min  
Delta R.T.: -0.004 min  
Response: 90761  
Conc: 94.18 ng/ml



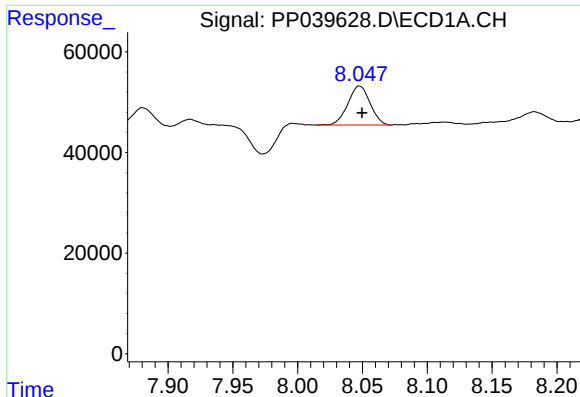
#28 AR-1254-3

R.T.: 7.757 min  
Delta R.T.: 0.004 min  
Response: 327009  
Conc: 196.54 ng/ml



#28 AR-1254-3

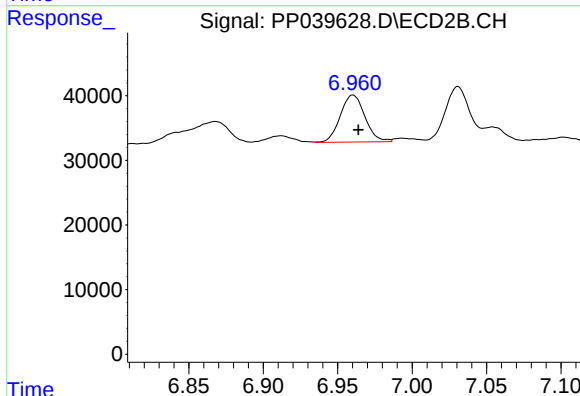
R.T.: 6.721 min  
Delta R.T.: -0.004 min  
Response: 128291  
Conc: 85.28 ng/ml



#29 AR-1254-4

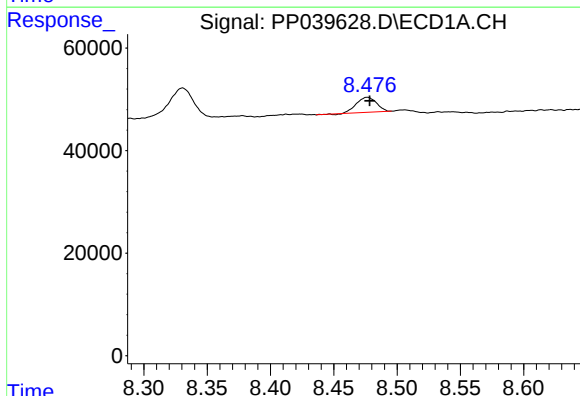
R.T.: 8.048 min  
Delta R.T.: -0.002 min  
Response: 92195  
Conc: 75.47 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



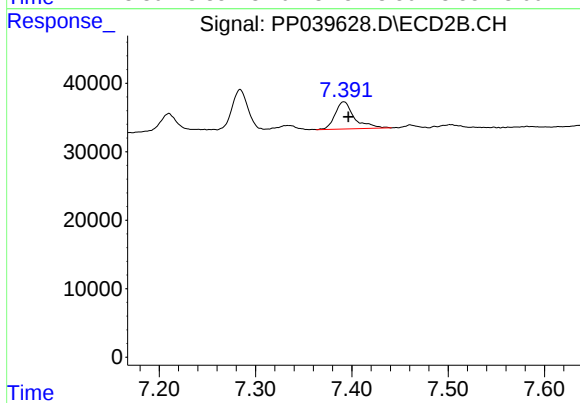
#29 AR-1254-4

R.T.: 6.960 min  
Delta R.T.: -0.004 min  
Response: 83964  
Conc: 87.20 ng/ml



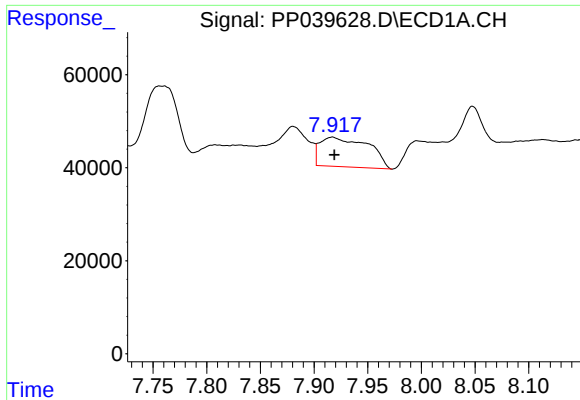
#30 AR-1254-5

R.T.: 8.477 min  
Delta R.T.: -0.002 min  
Response: 32041  
Conc: 25.25 ng/ml



#30 AR-1254-5

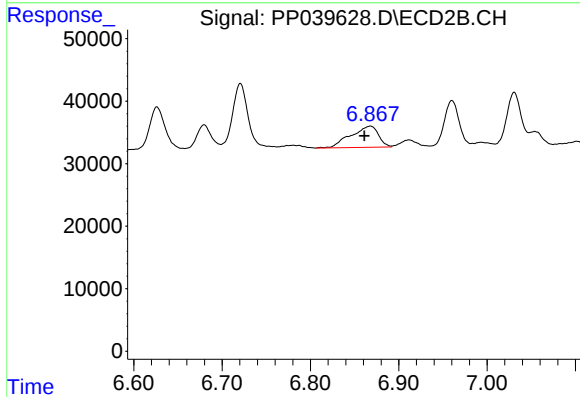
R.T.: 7.392 min  
Delta R.T.: -0.004 min  
Response: 55244  
Conc: 39.25 ng/ml



#31 AR-1260-1

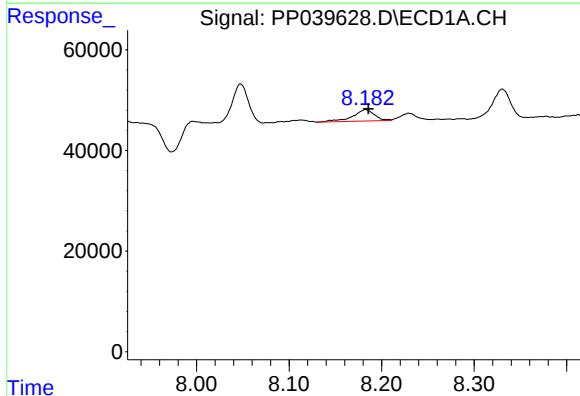
R.T.: 7.917 min  
Delta R.T.: -0.002 min  
Response: 199150  
Conc: 162.06 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



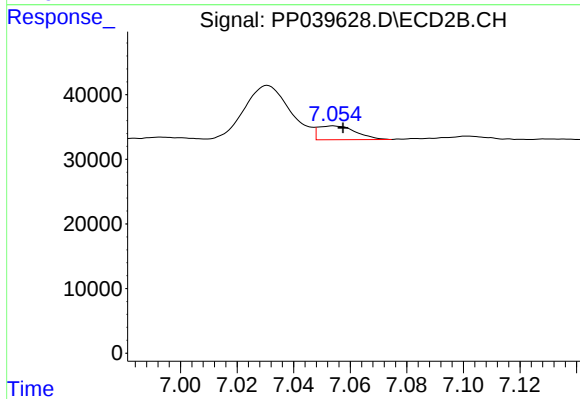
#31 AR-1260-1

R.T.: 6.868 min  
Delta R.T.: 0.007 min  
Response: 73755  
Conc: 68.49 ng/ml



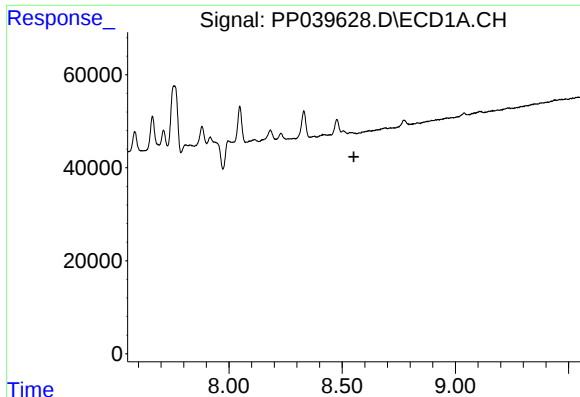
#32 AR-1260-2

R.T.: 8.183 min  
Delta R.T.: -0.003 min  
Response: 36985  
Conc: 26.72 ng/ml



#32 AR-1260-2

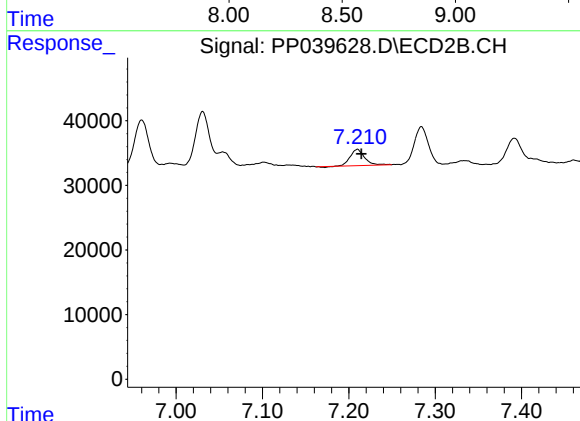
R.T.: 7.054 min  
Delta R.T.: -0.003 min  
Response: 19679  
Conc: 15.36 ng/ml



#33 AR-1260-3

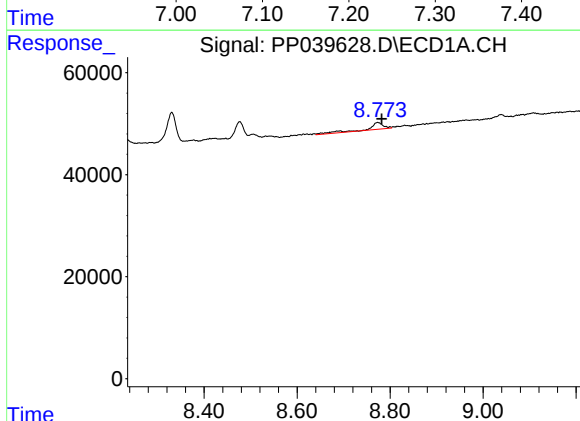
R.T.: 0.000 min  
Exp R.T.: 8.551 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



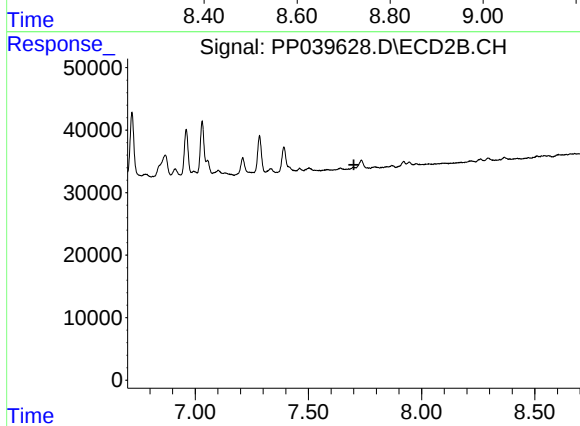
#33 AR-1260-3

R.T.: 7.210 min  
Delta R.T.: -0.005 min  
Response: 28632  
Conc: 23.80 ng/ml



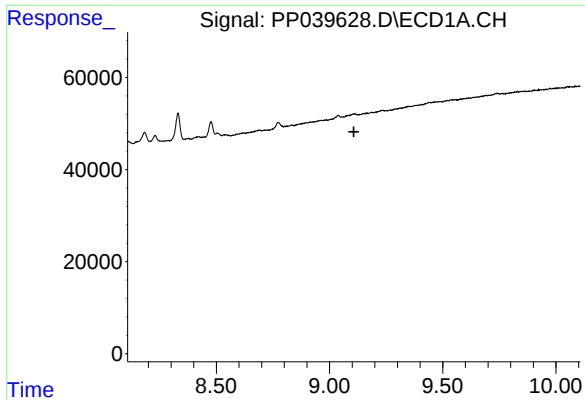
#34 AR-1260-4

R.T.: 8.773 min  
Delta R.T.: -0.009 min  
Response: 30341  
Conc: 30.43 ng/ml



#34 AR-1260-4

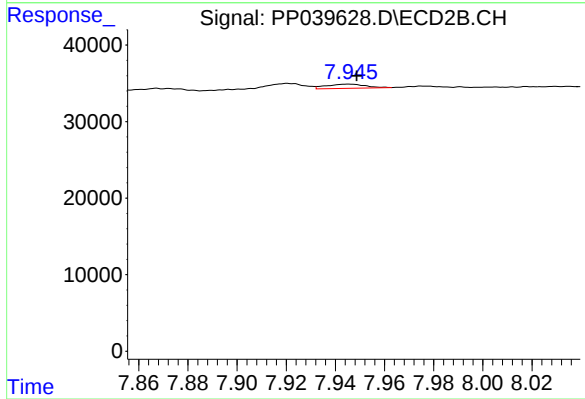
R.T.: 0.000 min  
Exp R.T.: 7.701 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

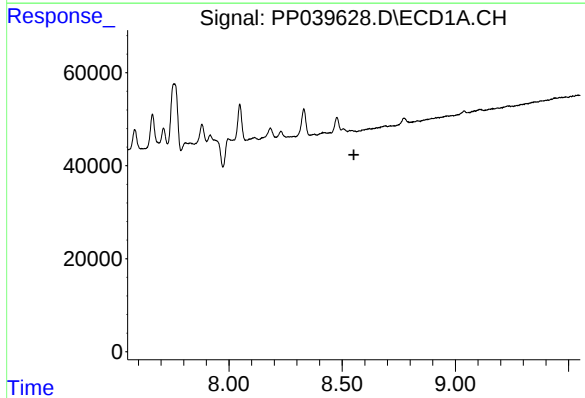
R.T.: 0.000 min  
Exp R.T.: 9.107 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



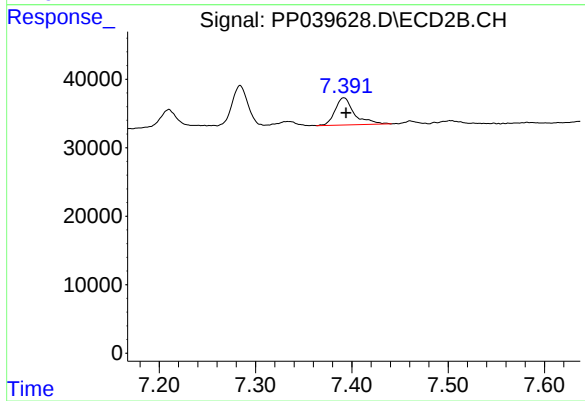
#35 AR-1260-5

R.T.: 7.946 min  
Delta R.T.: -0.003 min  
Response: 5945  
Conc: 2.77 ng/ml



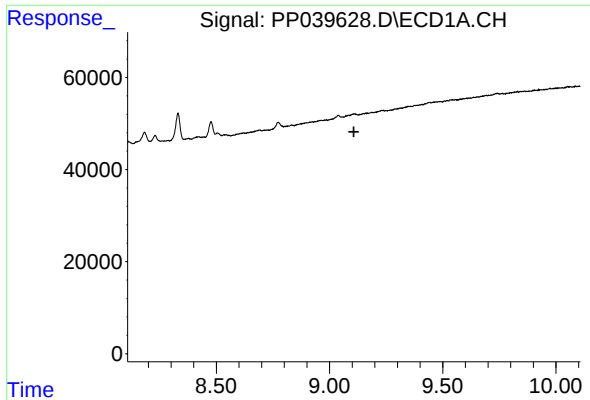
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T.: 8.552 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

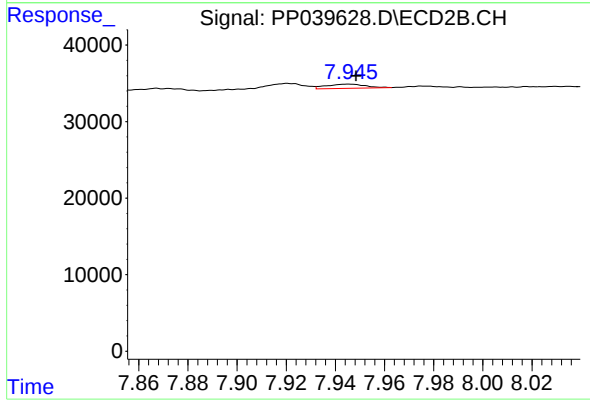
R.T.: 7.392 min  
Delta R.T.: -0.002 min  
Response: 55244  
Conc: 78.36 ng/ml



#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T.: 9.107 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



#37 AR-1262-2

R.T.: 7.946 min  
Delta R.T.: -0.003 min  
Response: 5945  
Conc: 2.62 ng/ml