

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP071921\  
 Data File : PP037407.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 20 Jul 2021 3:13  
 Operator : DD\AJ  
 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: Jul 20 06:17:19 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP070621.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jul 07 08:32:32 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... | 4.958  | 3.948 | 2398750 | 1451881 | 52.778  | 53.058     |
| 2)                          | SA Decachlor... | 10.989 | 9.241 | 1910182 | 980190  | 41.494  | 35.214     |
| Target Compounds            |                 |        |       |         |         |         |            |
| 3)                          | L1 AR-1016-1    | 6.278  | 5.198 | 614899  | 390782  | 353.856 | 378.151    |
| 4)                          | L1 AR-1016-2    | 6.303  | 5.218 | 863211  | 536139  | 345.272 | 374.464    |
| 5)                          | L1 AR-1016-3    | 6.368  | 5.409 | 554985  | 297561  | 348.457 | 380.852    |
| 6)                          | L1 AR-1016-4    | 6.476  | 5.462 | 456249  | 216558  | 346.013 | 358.783    |
| 7)                          | L1 AR-1016-5    | 6.790  | 5.689 | 444756  | 287258  | 351.584 | 372.003    |
| 8)                          | L2 AR-1221-1    | 5.203  | 4.202 | 72686   | 44399   | 137.048 | 145.373    |
| 9)                          | L2 AR-1221-2    | 5.307  | 4.301 | 111299  | 67168   | 274.722 | 285.319    |
| 10)                         | L2 AR-1221-3    | 5.394  | 4.389 | 384471  | 231026  | 315.544 | 310.609    |
| 11)                         | L3 AR-1232-1    | 5.394  | 4.389 | 384471  | 231026  | 346.023 | 340.260    |
| 12)                         | L3 AR-1232-2    | 5.983  | 5.218 | 479712  | 536139  | 804.516 | 856.572    |
| 13)                         | L3 AR-1232-3    | 6.303  | 5.409 | 863211  | 297561  | 788.856 | 896.231    |
| 14)                         | L3 AR-1232-4    | 6.476  | 5.506 | 456249  | 275815  | 785.858 | 1000.381 # |
| 15)                         | L3 AR-1232-5    | 6.573  | 5.689 | 338604  | 287258  | 880.436 | 966.319    |
| 16)                         | L4 AR-1242-1    | 6.278  | 5.198 | 614899  | 390782  | 482.392 | 518.485    |
| 17)                         | L4 AR-1242-2    | 6.303  | 5.218 | 863211  | 536139  | 476.092 | 521.043    |
| 18)                         | L4 AR-1242-3    | 6.368  | 5.409 | 554985  | 297561  | 482.526 | 522.570    |
| 19)                         | L4 AR-1242-4    | 6.476  | 5.506 | 456249  | 275815  | 476.598 | 535.172    |
| 20)                         | L4 AR-1242-5    | 7.258  | 6.068 | 466050  | 340533  | 448.142 | 500.285    |
| 21)                         | L5 AR-1248-1    | 6.278  | 5.198 | 614899  | 390782  | 585.856 | 619.239    |
| 22)                         | L5 AR-1248-2    | 6.573  | 5.462 | 338604  | 216558  | 228.085 | 264.008    |
| 23)                         | L5 AR-1248-3    | 6.790  | 5.506 | 444756  | 275815  | 269.255 | 322.300    |
| 24)                         | L5 AR-1248-4    | 7.219  | 5.689 | 445090  | 287258  | 235.484 | 282.269    |
| 25)                         | L5 AR-1248-5    | 7.258  | 6.111 | 466050  | 291943  | 249.011 | 275.225    |
| 26)                         | L6 AR-1254-1    | 7.188  | 6.068 | 354505  | 340533  | 197.332 | 229.381    |
| 27)                         | L6 AR-1254-2    | 7.423  | 6.230 | 413035  | 81577   | 148.484 | 62.800 #   |
| 28)                         | L6 AR-1254-3    | 7.799  | 6.648 | 175819  | 105789  | 57.028  | 49.573     |
| 29)                         | L6 AR-1254-4    | 8.096  | 6.889 | 134772  | 77880   | 59.333  | 57.403     |
| 30)                         | L6 AR-1254-5    | 8.524  | 7.318 | 83130   | 22217   | 33.220  | 11.851 #   |
| 31)                         | L7 AR-1260-1    | 7.968  | 6.795 | 5539    | 43939   | 2.516   | 31.798 #   |
| 32)                         | L7 AR-1260-2    | 8.228  | 6.985 | 53631   | 7962    | 19.280  | 4.740 #    |
| 33)                         | L7 AR-1260-3    | 8.588  | 7.136 | 24486   | 19605   | 12.115  | 11.442     |
| 34)                         | L7 AR-1260-4    | 8.820  | 0.000 | 286793  | 0       | 116.591 | N.D. #     |
| 35)                         | L7 AR-1260-5    | 9.133f | 0.000 | 29685   | 0       | 6.433   | N.D. #     |
| 36)                         | L8 AR-1262-1    | 8.588  | 7.318 | 24486   | 22217   | 8.407   | 21.395 #   |
| 37)                         | L8 AR-1262-2    | 9.133f | 0.000 | 29685   | 0       | 5.652   | N.D. #     |
| 45)                         | L9 AR-1268-5    | 10.655 | 0.000 | 19503   | 0       | 1.232   | N.D. #     |
| -----                       |                 |        |       |         |         |         |            |

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

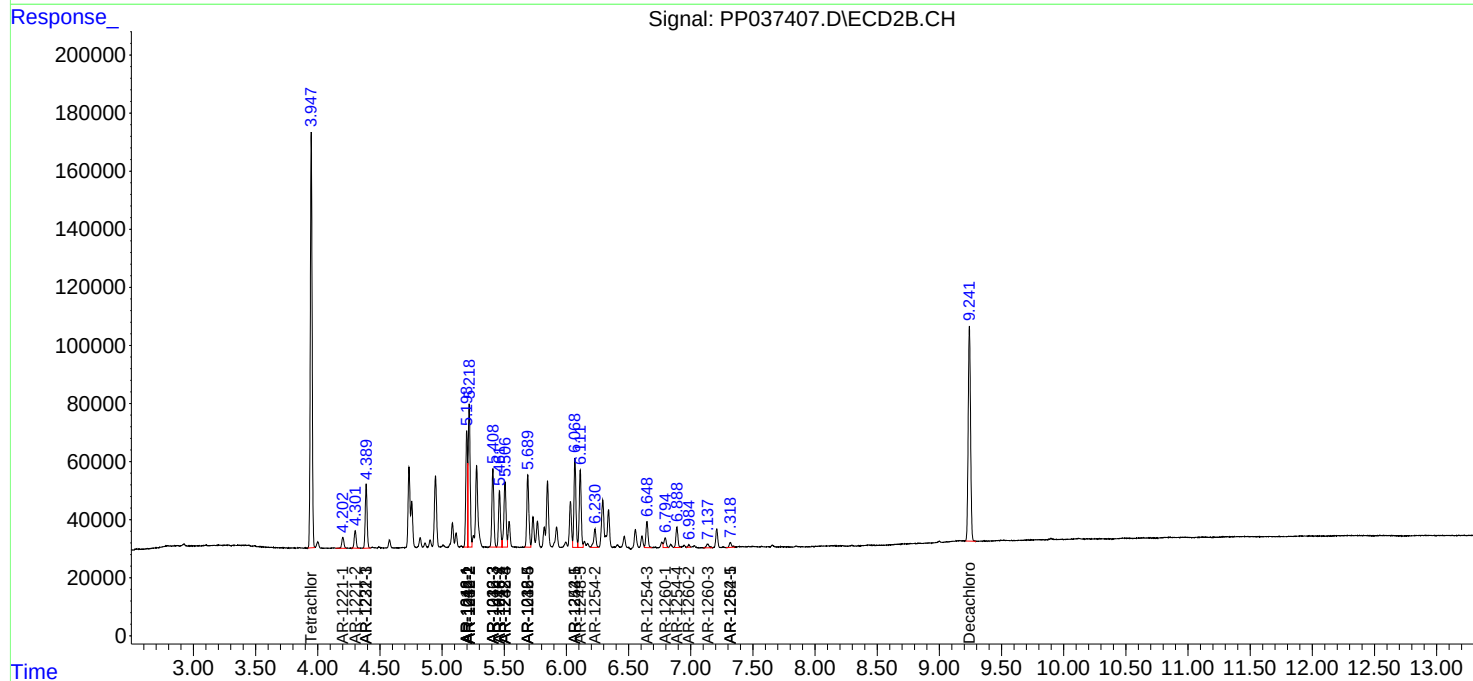
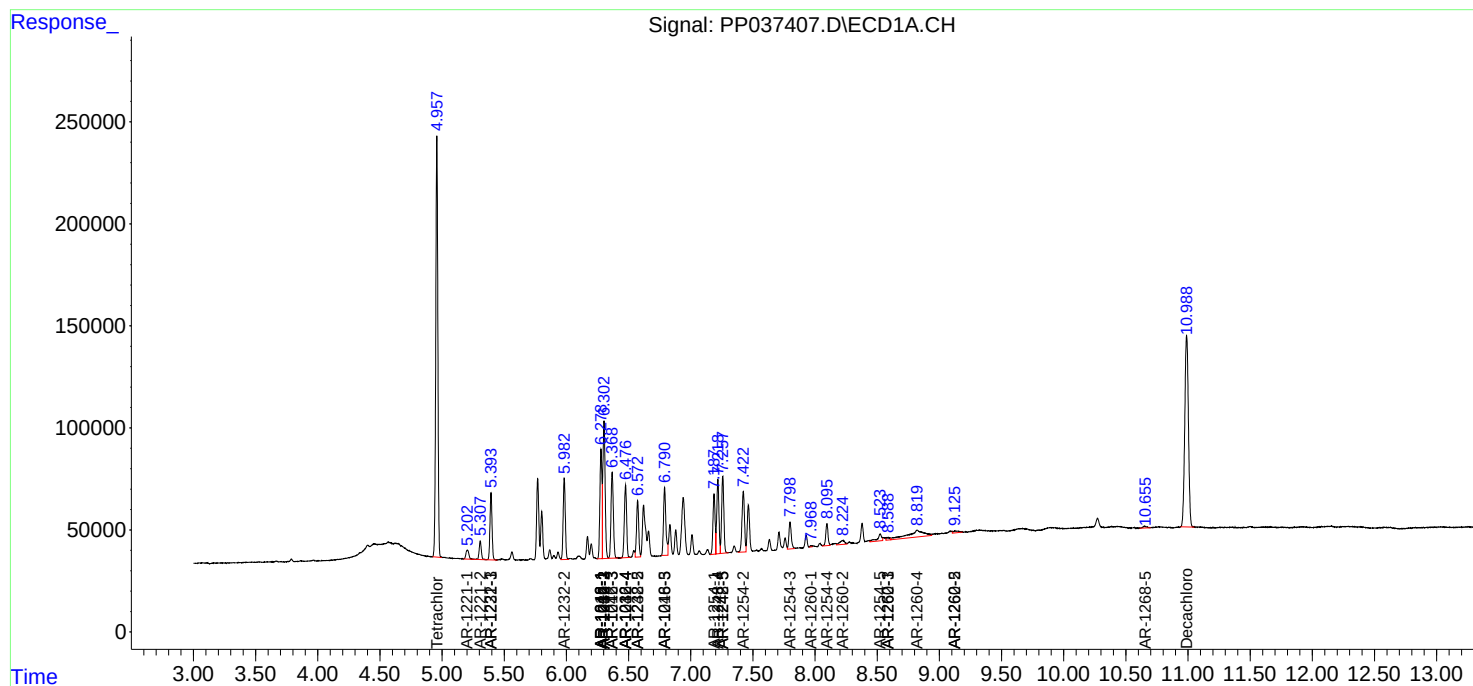
Instrument :  
ECD\_P  
ClientSampleId :

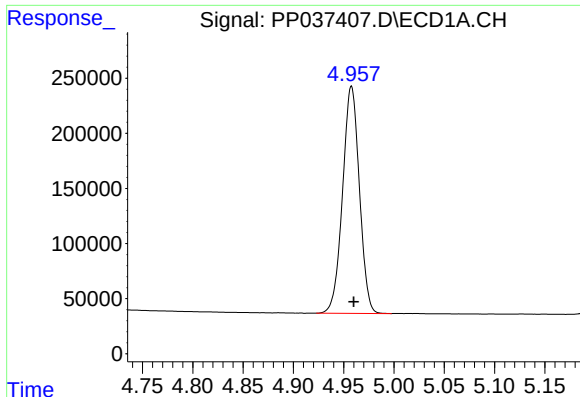
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP071921\  
Data File : PP037407.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 20 Jul 2021 3:13  
Operator : DD\AJ  
Sample : AR1242CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 20 06:17:19 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP070621.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jul 07 08:32:32 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

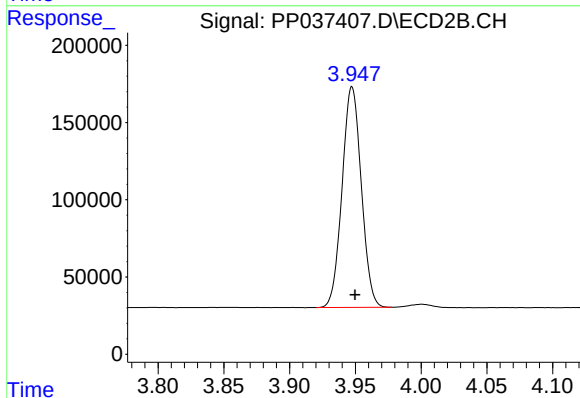




#1 Tetrachloro-m-xylene

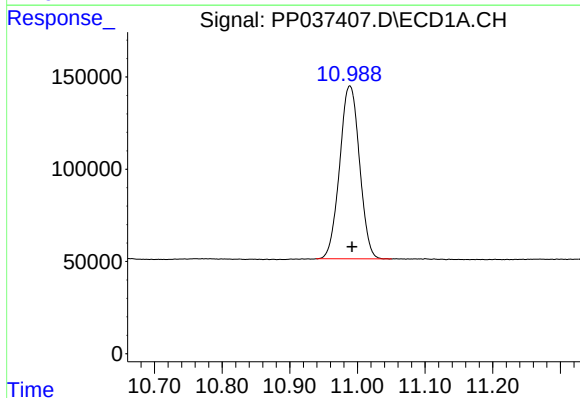
R.T.: 4.958 min  
Delta R.T.: -0.002 min  
Response: 2398750  
Conc: 52.78 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



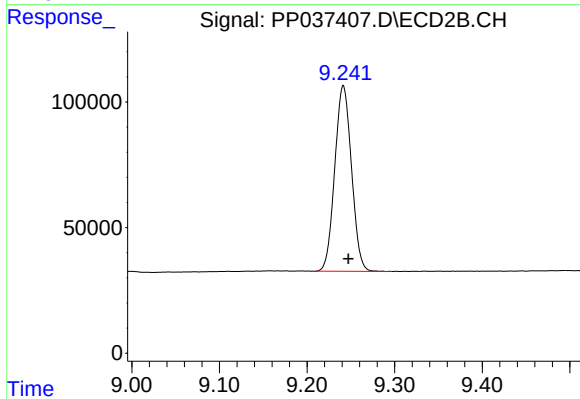
#1 Tetrachloro-m-xylene

R.T.: 3.948 min  
Delta R.T.: -0.002 min  
Response: 1451881  
Conc: 53.06 ng/ml



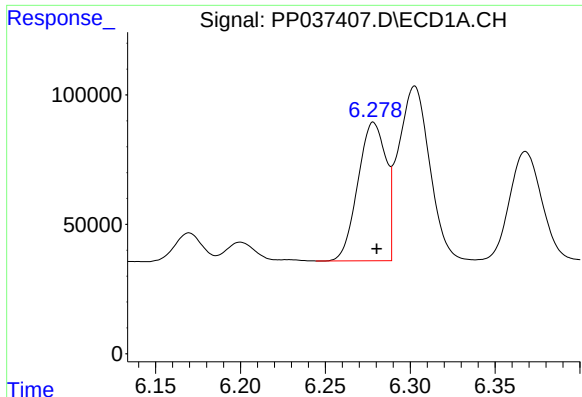
#2 Decachlorobiphenyl

R.T.: 10.989 min  
Delta R.T.: -0.003 min  
Response: 1910182  
Conc: 41.49 ng/ml



#2 Decachlorobiphenyl

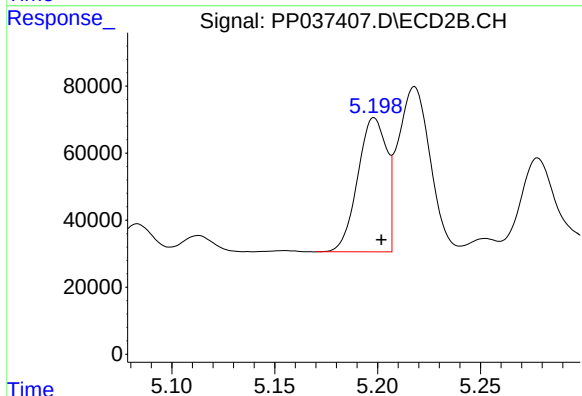
R.T.: 9.241 min  
Delta R.T.: -0.006 min  
Response: 980190  
Conc: 35.21 ng/ml



#3 AR-1016-1

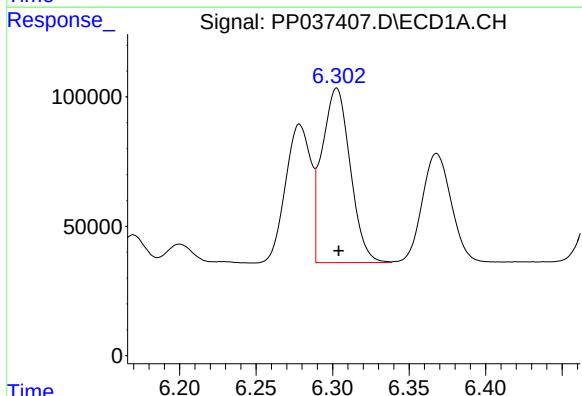
R.T.: 6.278 min  
Delta R.T.: -0.002 min  
Response: 614899  
Conc: 353.86 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



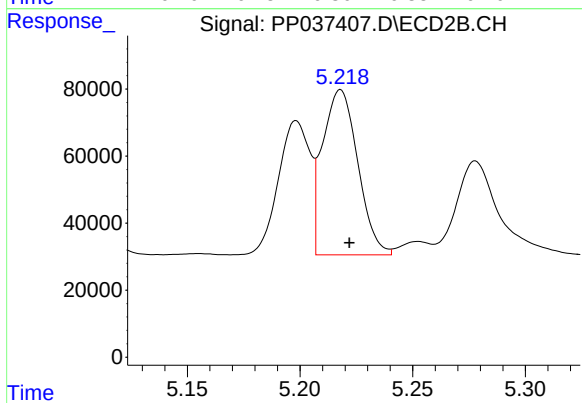
#3 AR-1016-1

R.T.: 5.198 min  
Delta R.T.: -0.003 min  
Response: 390782  
Conc: 378.15 ng/ml



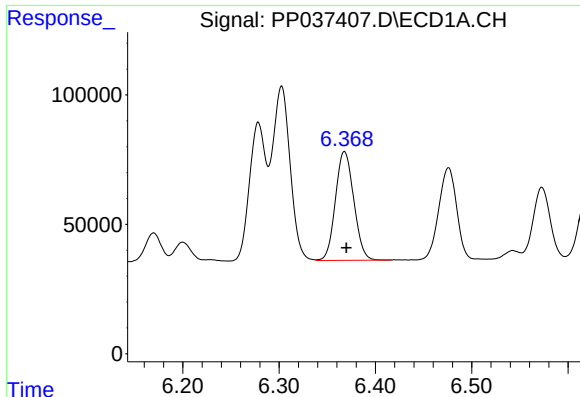
#4 AR-1016-2

R.T.: 6.303 min  
Delta R.T.: -0.001 min  
Response: 863211  
Conc: 345.27 ng/ml



#4 AR-1016-2

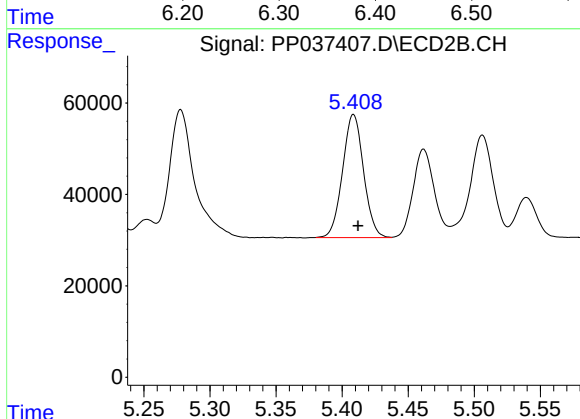
R.T.: 5.218 min  
Delta R.T.: -0.004 min  
Response: 536139  
Conc: 374.46 ng/ml



#5 AR-1016-3

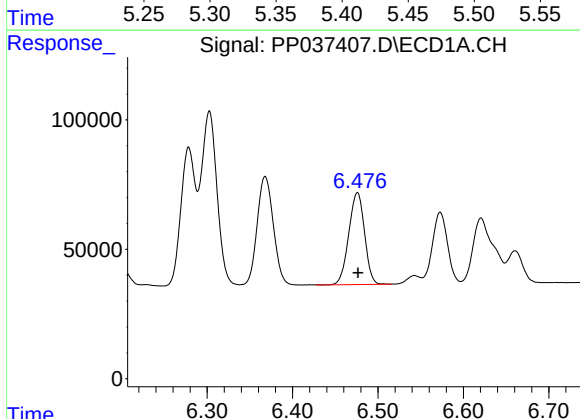
R.T.: 6.368 min  
Delta R.T.: -0.002 min  
Response: 554985  
Conc: 348.46 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



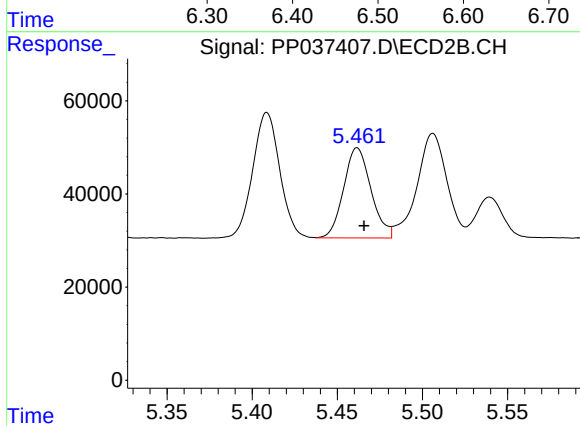
#5 AR-1016-3

R.T.: 5.409 min  
Delta R.T.: -0.003 min  
Response: 297561  
Conc: 380.85 ng/ml



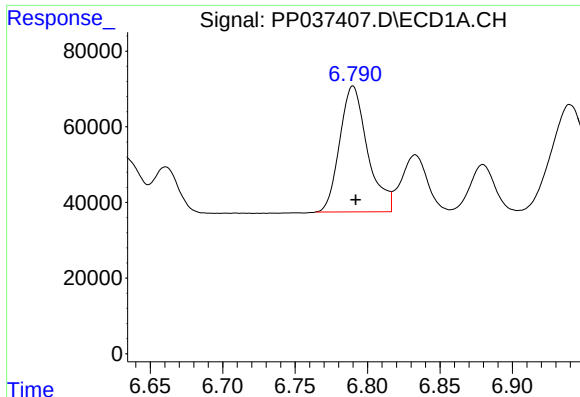
#6 AR-1016-4

R.T.: 6.476 min  
Delta R.T.: 0.000 min  
Response: 456249  
Conc: 346.01 ng/ml



#6 AR-1016-4

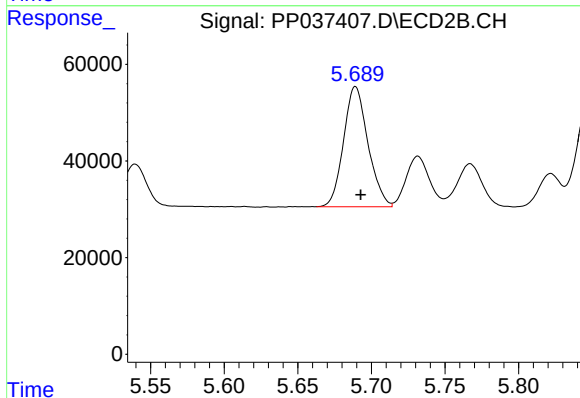
R.T.: 5.462 min  
Delta R.T.: -0.004 min  
Response: 216558  
Conc: 358.78 ng/ml



#7 AR-1016-5

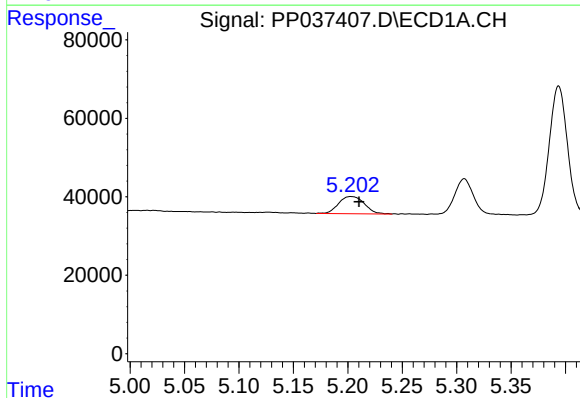
R.T.: 6.790 min  
Delta R.T.: -0.002 min  
Response: 444756  
Conc: 351.58 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



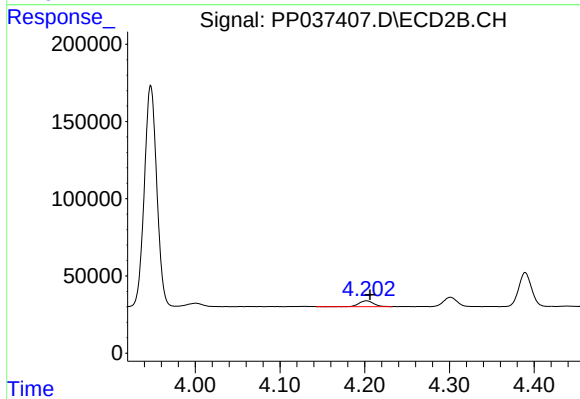
#7 AR-1016-5

R.T.: 5.689 min  
Delta R.T.: -0.004 min  
Response: 287258  
Conc: 372.00 ng/ml



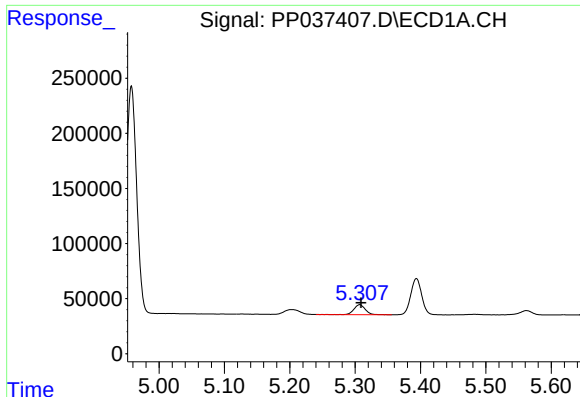
#8 AR-1221-1

R.T.: 5.203 min  
Delta R.T.: -0.008 min  
Response: 72686  
Conc: 137.05 ng/ml



#8 AR-1221-1

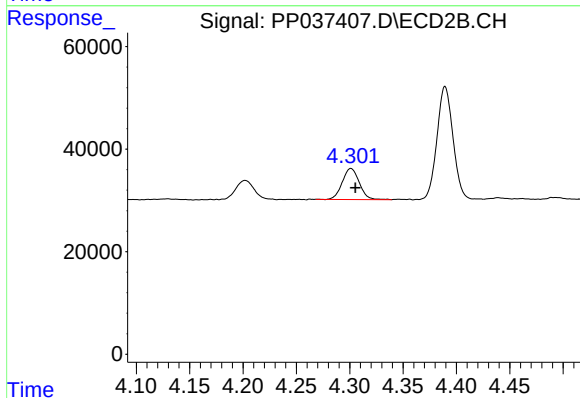
R.T.: 4.202 min  
Delta R.T.: -0.005 min  
Response: 44399  
Conc: 145.37 ng/ml



#9 AR-1221-2

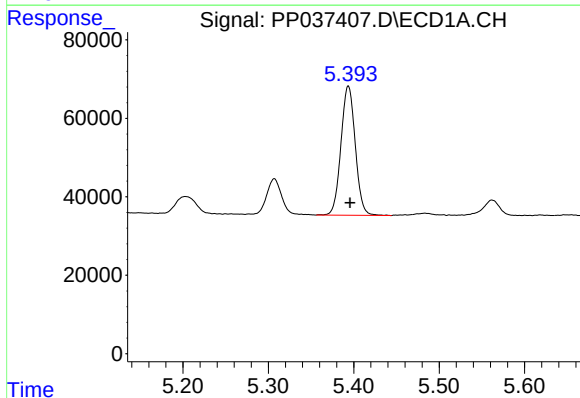
R.T.: 5.307 min  
Delta R.T.: -0.002 min  
Response: 111299  
Conc: 274.72 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



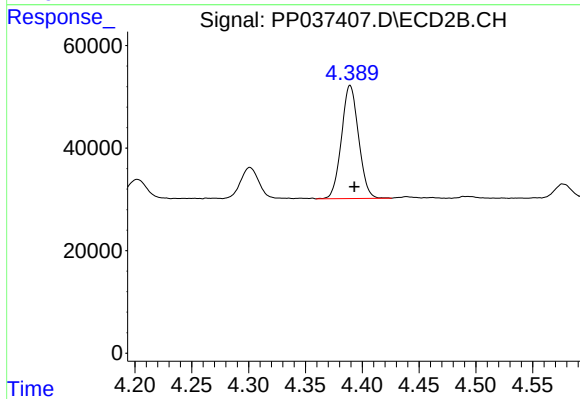
#9 AR-1221-2

R.T.: 4.301 min  
Delta R.T.: -0.004 min  
Response: 67168  
Conc: 285.32 ng/ml



#10 AR-1221-3

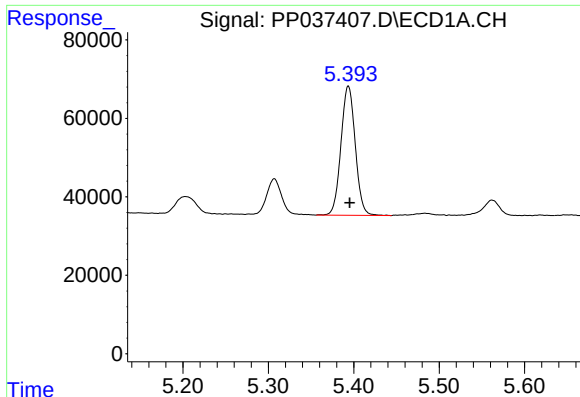
R.T.: 5.394 min  
Delta R.T.: -0.002 min  
Response: 384471  
Conc: 315.54 ng/ml



#10 AR-1221-3

R.T.: 4.389 min  
Delta R.T.: -0.004 min  
Response: 231026  
Conc: 310.61 ng/ml

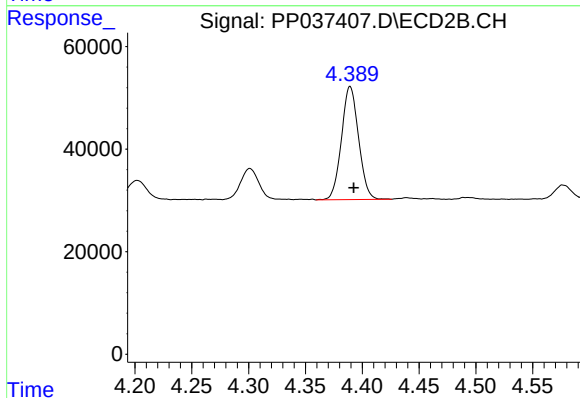




#11 AR-1232-1

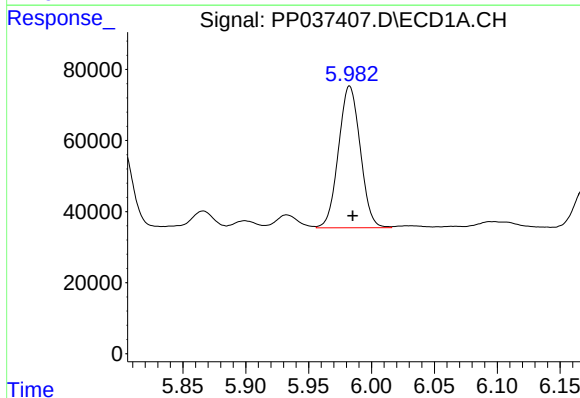
R.T.: 5.394 min  
Delta R.T.: -0.002 min  
Response: 384471  
Conc: 346.02 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



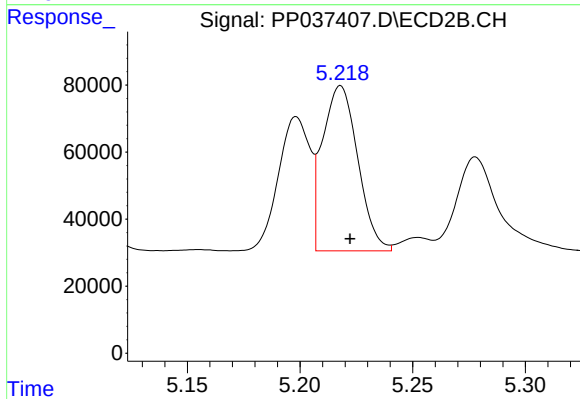
#11 AR-1232-1

R.T.: 4.389 min  
Delta R.T.: -0.003 min  
Response: 231026  
Conc: 340.26 ng/ml



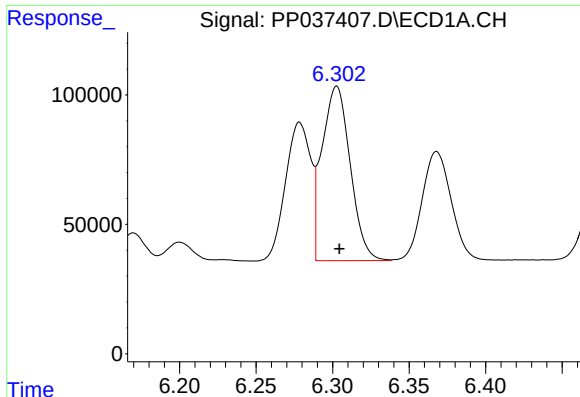
#12 AR-1232-2

R.T.: 5.983 min  
Delta R.T.: -0.002 min  
Response: 479712  
Conc: 804.52 ng/ml



#12 AR-1232-2

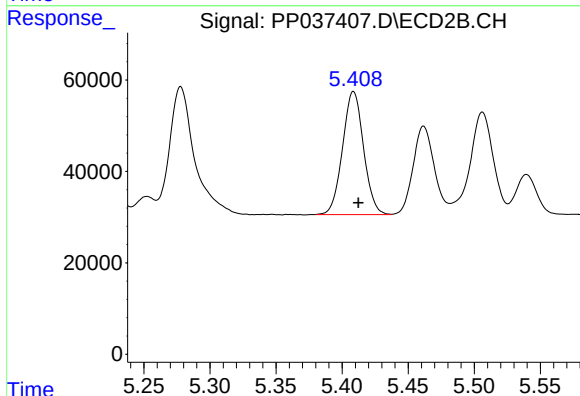
R.T.: 5.218 min  
Delta R.T.: -0.004 min  
Response: 536139  
Conc: 856.57 ng/ml



#13 AR-1232-3

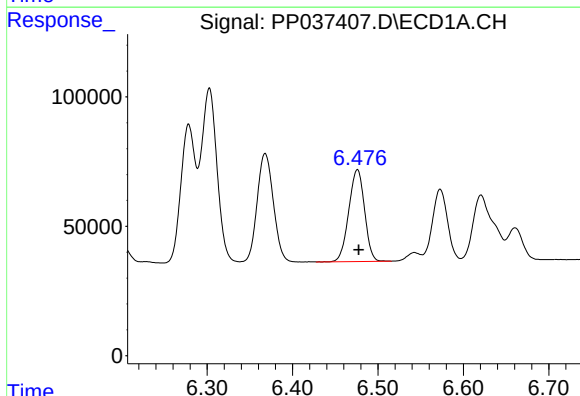
R.T.: 6.303 min  
Delta R.T.: -0.002 min  
Response: 863211  
Conc: 788.86 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



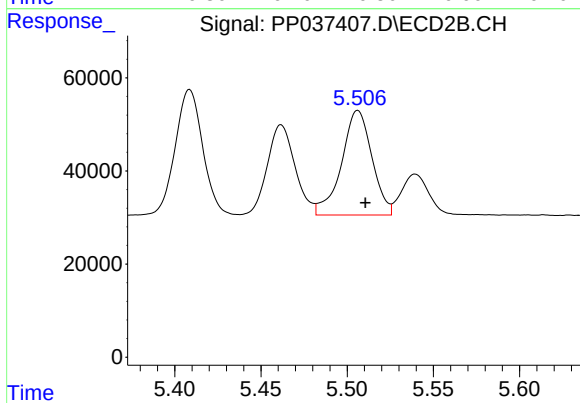
#13 AR-1232-3

R.T.: 5.409 min  
Delta R.T.: -0.004 min  
Response: 297561  
Conc: 896.23 ng/ml



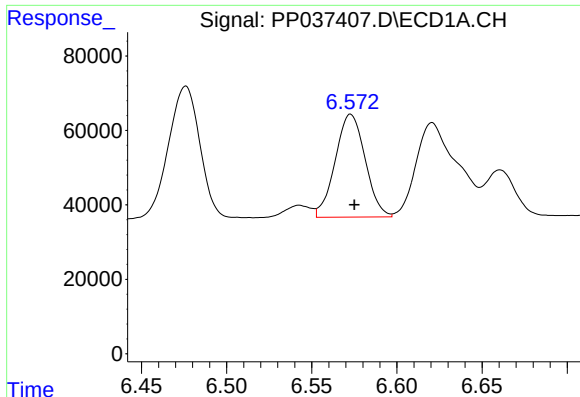
#14 AR-1232-4

R.T.: 6.476 min  
Delta R.T.: -0.002 min  
Response: 456249  
Conc: 785.86 ng/ml



#14 AR-1232-4

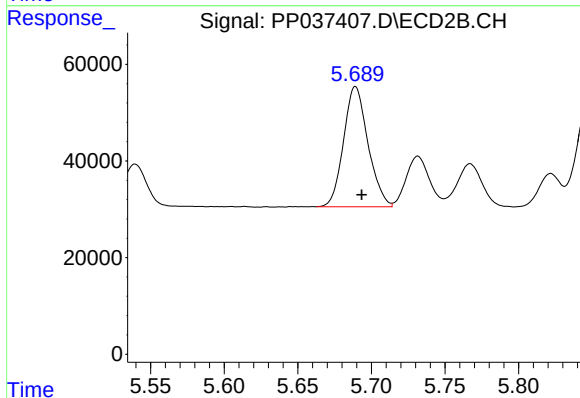
R.T.: 5.506 min  
Delta R.T.: -0.004 min  
Response: 275815  
Conc: 1000.38 ng/ml



#15 AR-1232-5

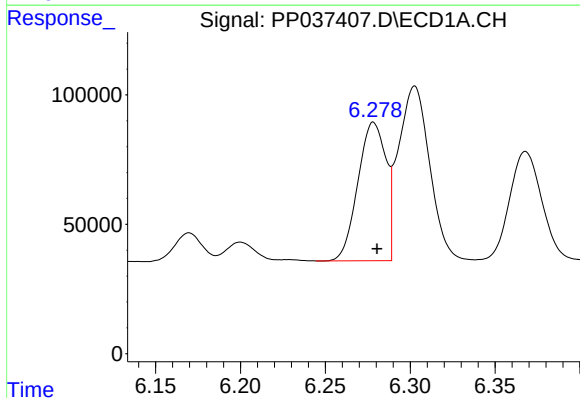
R.T.: 6.573 min  
Delta R.T.: -0.002 min  
Response: 338604  
Conc: 880.44 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



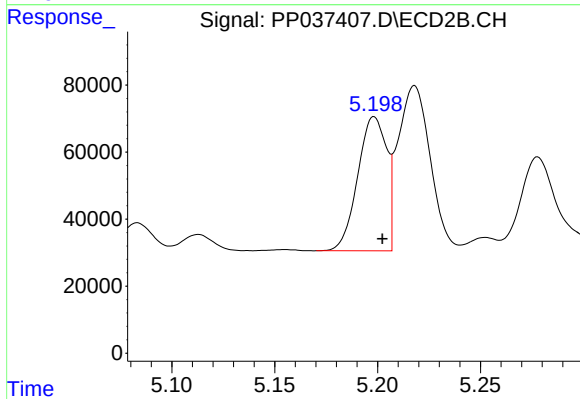
#15 AR-1232-5

R.T.: 5.689 min  
Delta R.T.: -0.004 min  
Response: 287258  
Conc: 966.32 ng/ml



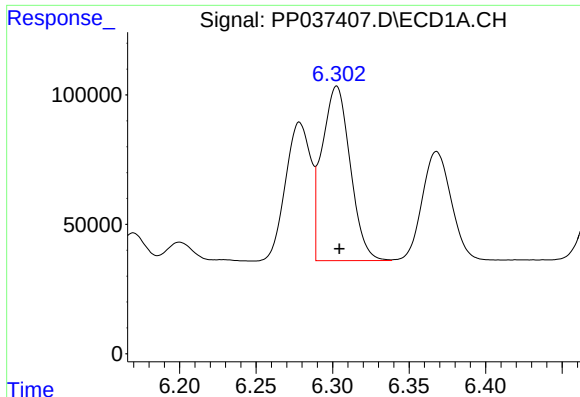
#16 AR-1242-1

R.T.: 6.278 min  
Delta R.T.: -0.002 min  
Response: 614899  
Conc: 482.39 ng/ml



#16 AR-1242-1

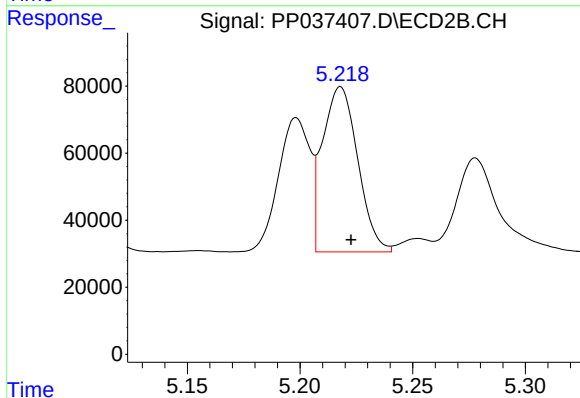
R.T.: 5.198 min  
Delta R.T.: -0.004 min  
Response: 390782  
Conc: 518.49 ng/ml



#17 AR-1242-2

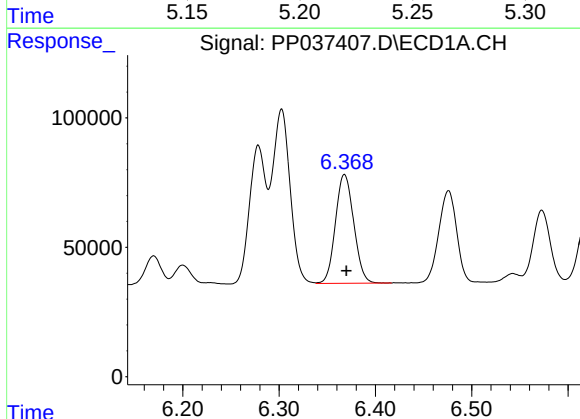
R.T.: 6.303 min  
Delta R.T.: -0.002 min  
Response: 863211  
Conc: 476.09 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



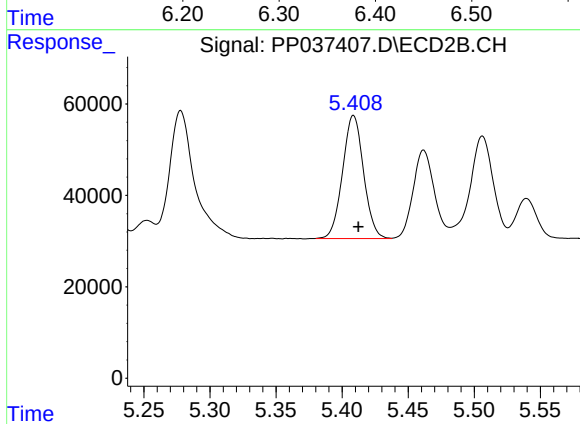
#17 AR-1242-2

R.T.: 5.218 min  
Delta R.T.: -0.005 min  
Response: 536139  
Conc: 521.04 ng/ml



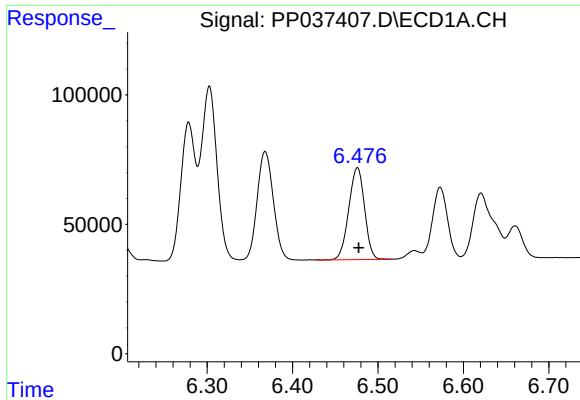
#18 AR-1242-3

R.T.: 6.368 min  
Delta R.T.: -0.002 min  
Response: 554985  
Conc: 482.53 ng/ml



#18 AR-1242-3

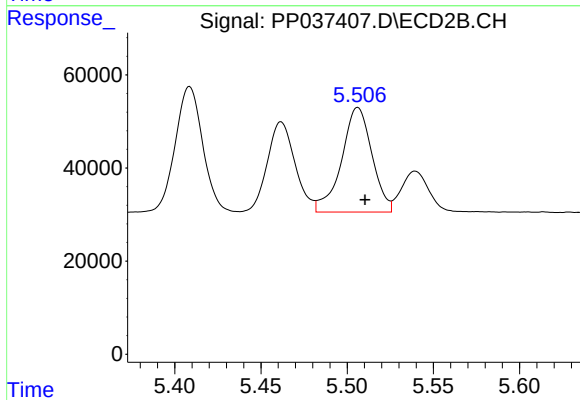
R.T.: 5.409 min  
Delta R.T.: -0.004 min  
Response: 297561  
Conc: 522.57 ng/ml



#19 AR-1242-4

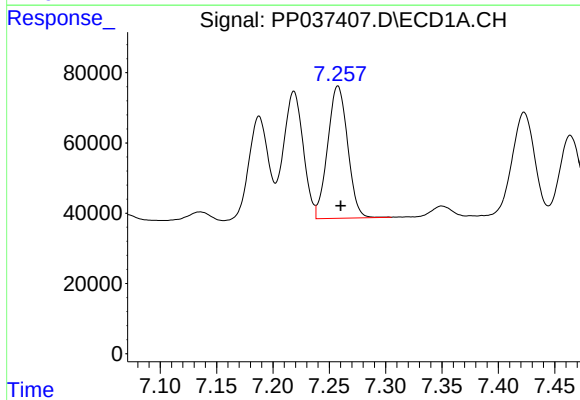
R.T.: 6.476 min  
Delta R.T.: -0.002 min  
Response: 456249  
Conc: 476.60 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



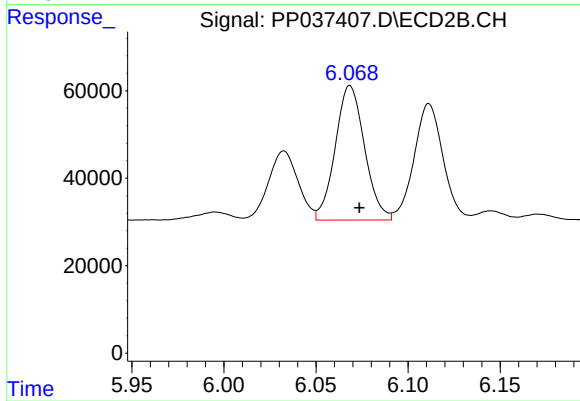
#19 AR-1242-4

R.T.: 5.506 min  
Delta R.T.: -0.004 min  
Response: 275815  
Conc: 535.17 ng/ml



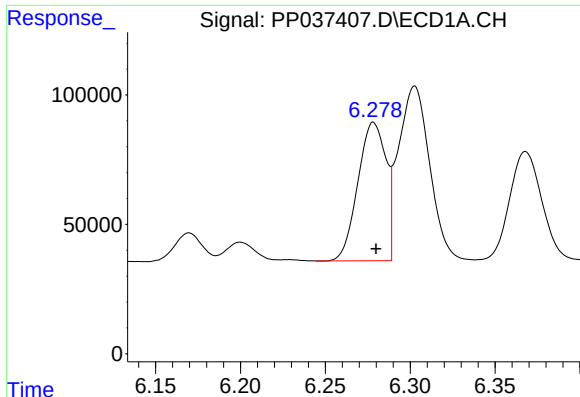
#20 AR-1242-5

R.T.: 7.258 min  
Delta R.T.: -0.002 min  
Response: 466050  
Conc: 448.14 ng/ml



#20 AR-1242-5

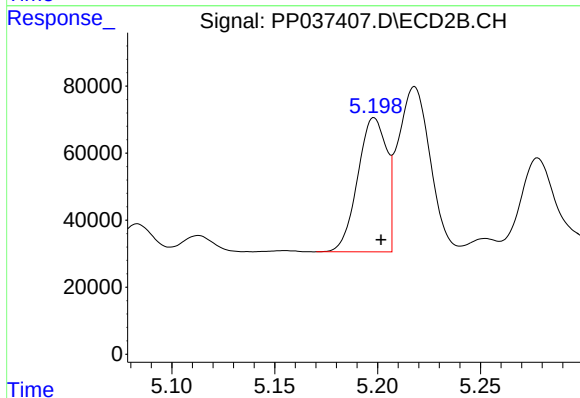
R.T.: 6.068 min  
Delta R.T.: -0.005 min  
Response: 340533  
Conc: 500.29 ng/ml



#21 AR-1248-1

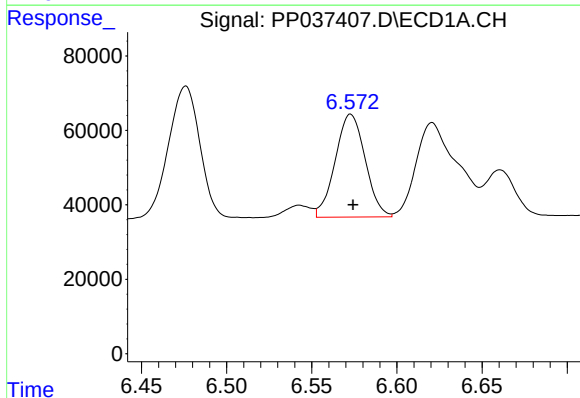
R.T.: 6.278 min  
Delta R.T.: -0.001 min  
Response: 614899  
Conc: 585.86 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



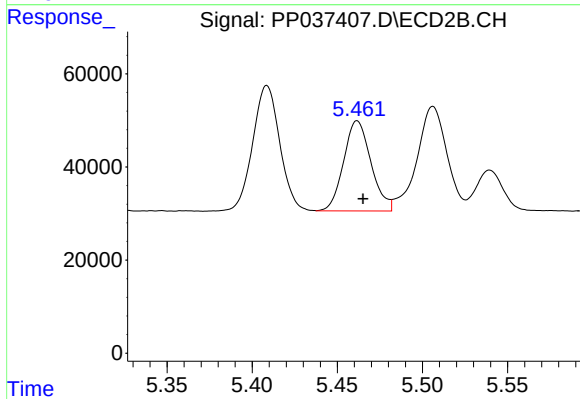
#21 AR-1248-1

R.T.: 5.198 min  
Delta R.T.: -0.003 min  
Response: 390782  
Conc: 619.24 ng/ml



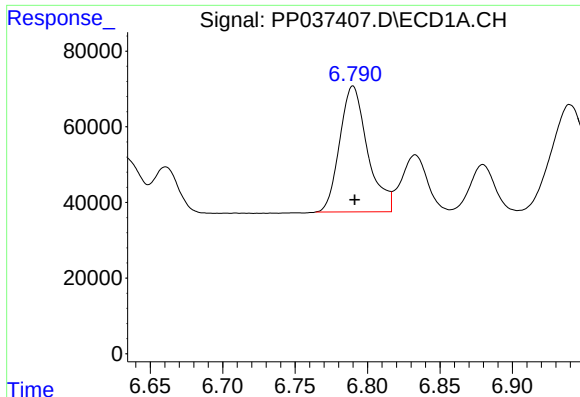
#22 AR-1248-2

R.T.: 6.573 min  
Delta R.T.: -0.001 min  
Response: 338604  
Conc: 228.09 ng/ml



#22 AR-1248-2

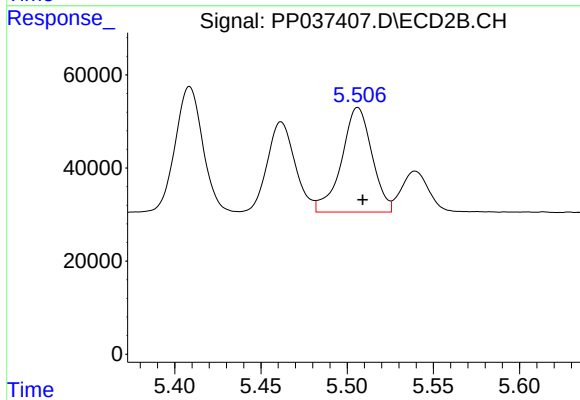
R.T.: 5.462 min  
Delta R.T.: -0.003 min  
Response: 216558  
Conc: 264.01 ng/ml



#23 AR-1248-3

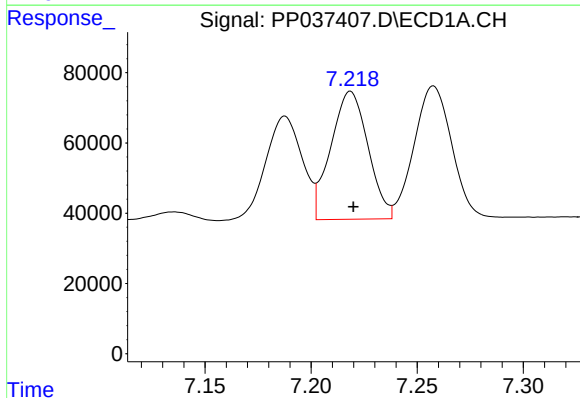
R.T.: 6.790 min  
Delta R.T.: -0.001 min  
Response: 444756  
Conc: 269.26 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



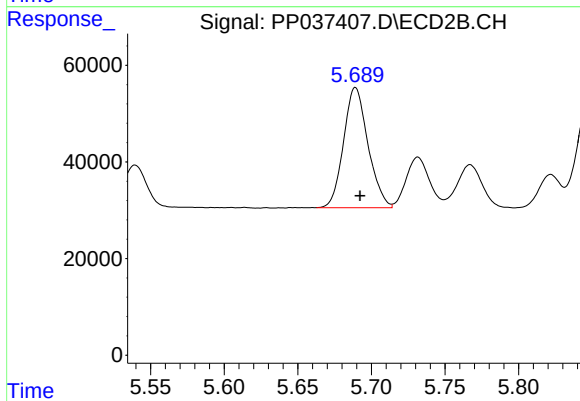
#23 AR-1248-3

R.T.: 5.506 min  
Delta R.T.: -0.003 min  
Response: 275815  
Conc: 322.30 ng/ml



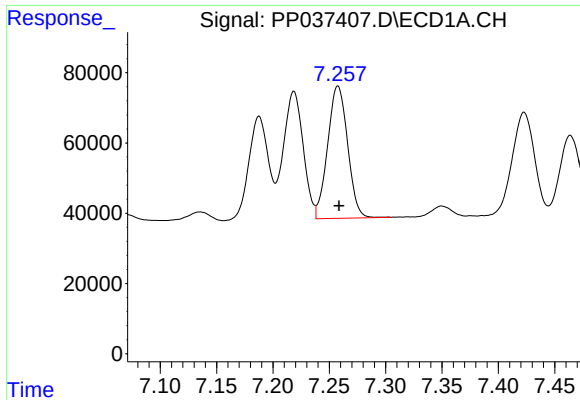
#24 AR-1248-4

R.T.: 7.219 min  
Delta R.T.: -0.001 min  
Response: 445090  
Conc: 235.48 ng/ml



#24 AR-1248-4

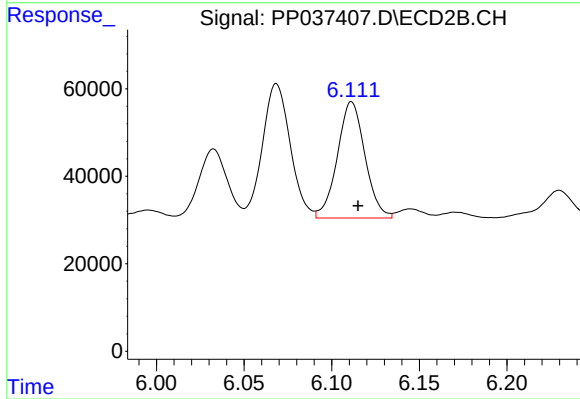
R.T.: 5.689 min  
Delta R.T.: -0.003 min  
Response: 287258  
Conc: 282.27 ng/ml



#25 AR-1248-5

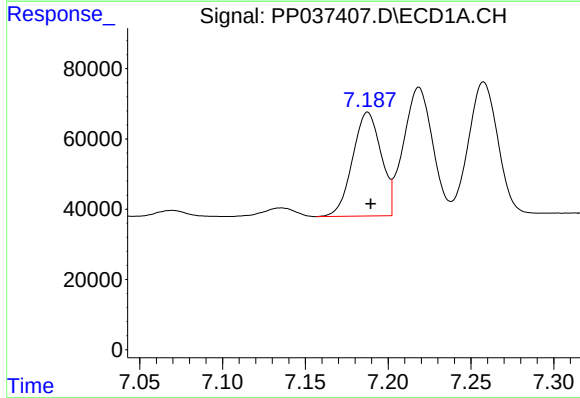
R.T.: 7.258 min  
Delta R.T.: -0.001 min  
Response: 466050  
Conc: 249.01 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



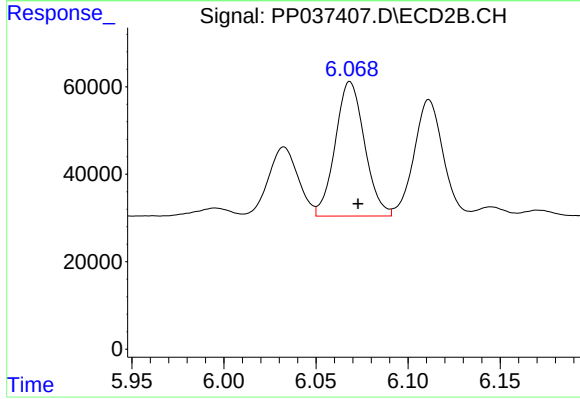
#25 AR-1248-5

R.T.: 6.111 min  
Delta R.T.: -0.004 min  
Response: 291943  
Conc: 275.22 ng/ml



#26 AR-1254-1

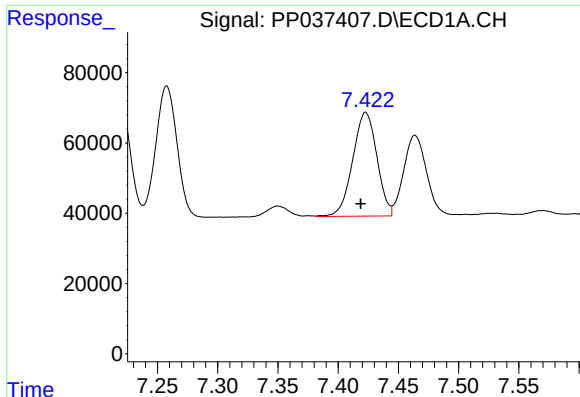
R.T.: 7.188 min  
Delta R.T.: -0.002 min  
Response: 354505  
Conc: 197.33 ng/ml



#26 AR-1254-1

R.T.: 6.068 min  
Delta R.T.: -0.004 min  
Response: 340533  
Conc: 229.38 ng/ml

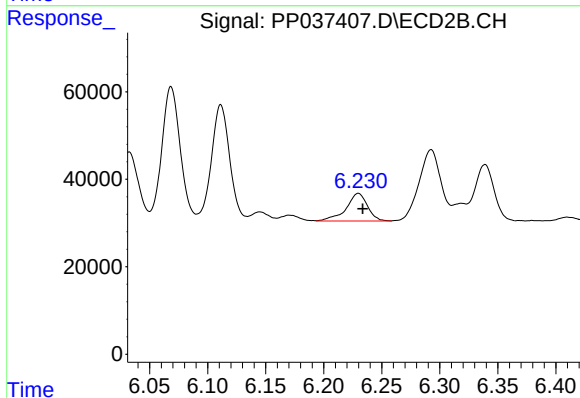




#27 AR-1254-2

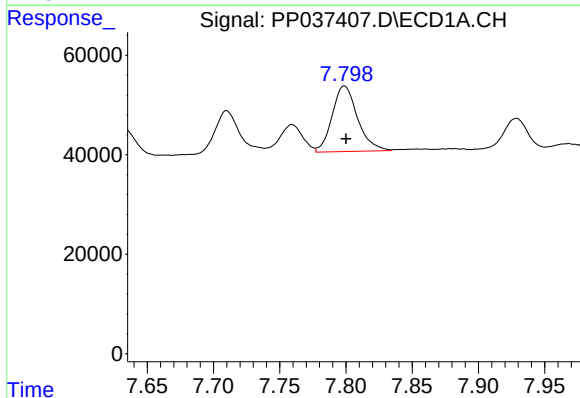
R.T.: 7.423 min  
Delta R.T.: 0.004 min  
Response: 413035  
Conc: 148.48 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



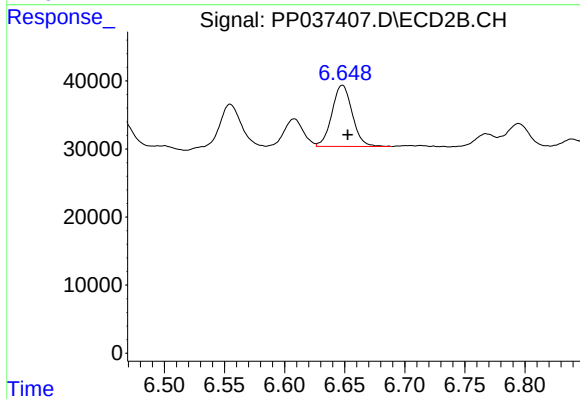
#27 AR-1254-2

R.T.: 6.230 min  
Delta R.T.: -0.004 min  
Response: 81577  
Conc: 62.80 ng/ml



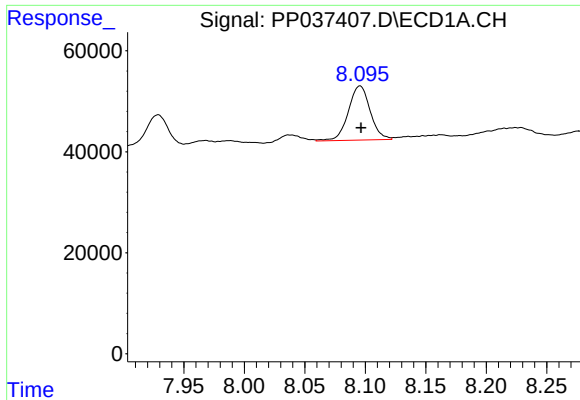
#28 AR-1254-3

R.T.: 7.799 min  
Delta R.T.: -0.001 min  
Response: 175819  
Conc: 57.03 ng/ml



#28 AR-1254-3

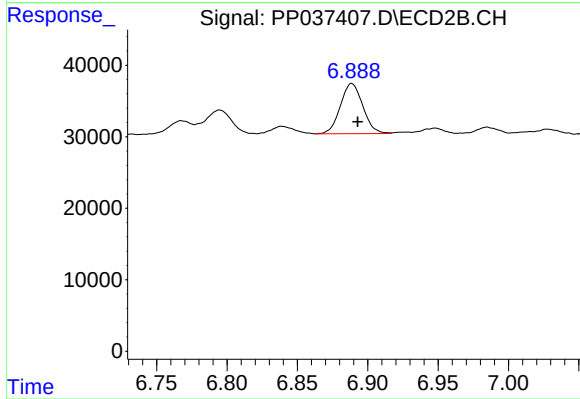
R.T.: 6.648 min  
Delta R.T.: -0.004 min  
Response: 105789  
Conc: 49.57 ng/ml



#29 AR-1254-4

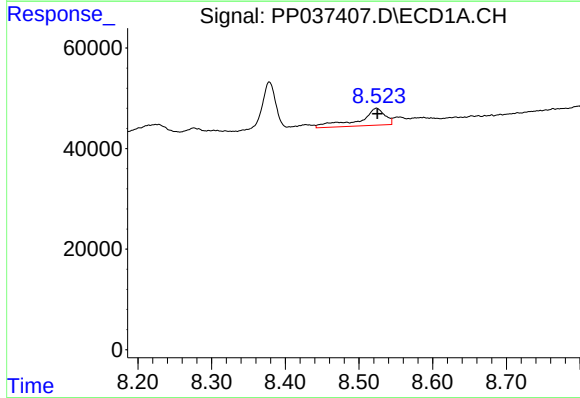
R.T.: 8.096 min  
Delta R.T.: 0.000 min  
Response: 134772  
Conc: 59.33 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



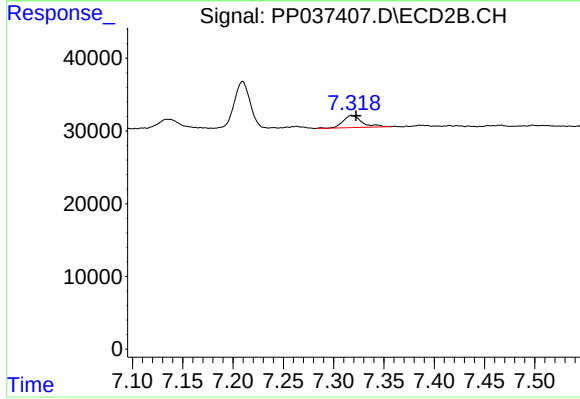
#29 AR-1254-4

R.T.: 6.889 min  
Delta R.T.: -0.004 min  
Response: 77880  
Conc: 57.40 ng/ml



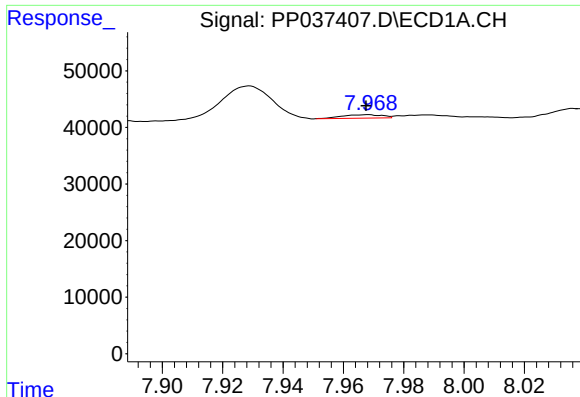
#30 AR-1254-5

R.T.: 8.524 min  
Delta R.T.: -0.001 min  
Response: 83130  
Conc: 33.22 ng/ml



#30 AR-1254-5

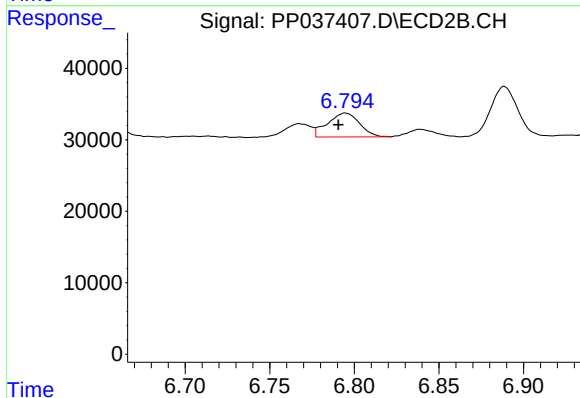
R.T.: 7.318 min  
Delta R.T.: -0.004 min  
Response: 22217  
Conc: 11.85 ng/ml



#31 AR-1260-1

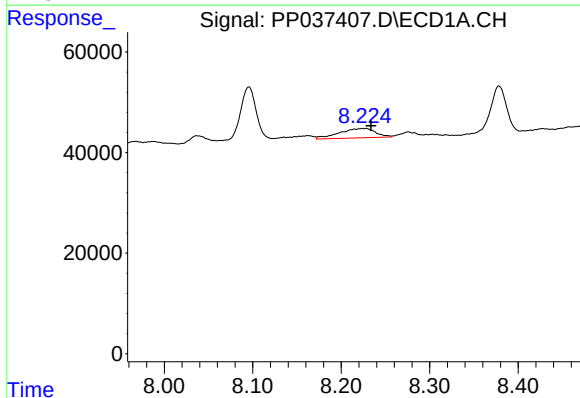
R.T.: 7.968 min  
Delta R.T.: 0.000 min  
Response: 5539  
Conc: 2.52 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



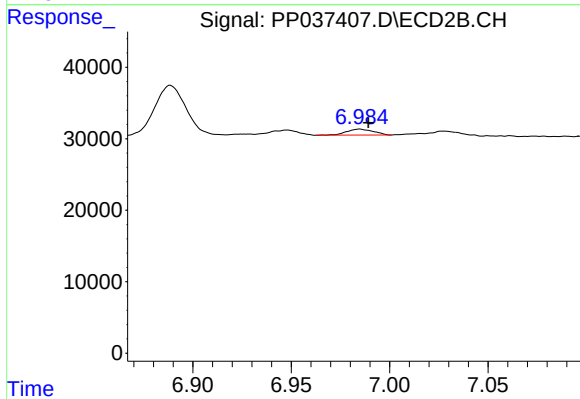
#31 AR-1260-1

R.T.: 6.795 min  
Delta R.T.: 0.004 min  
Response: 43939  
Conc: 31.80 ng/ml



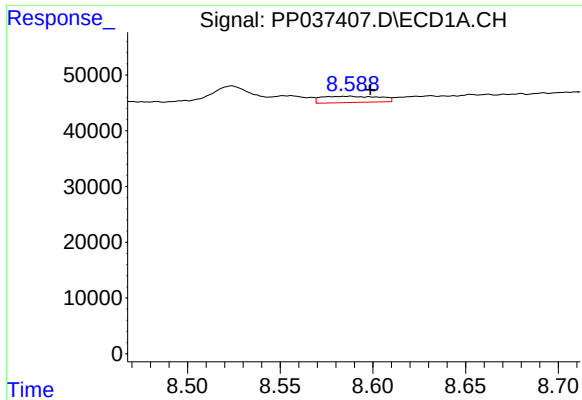
#32 AR-1260-2

R.T.: 8.228 min  
Delta R.T.: -0.005 min  
Response: 53631  
Conc: 19.28 ng/ml



#32 AR-1260-2

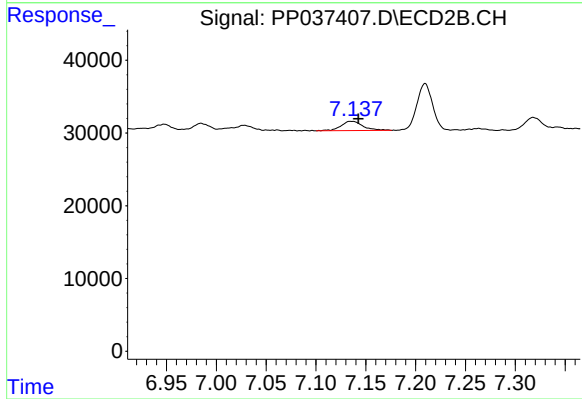
R.T.: 6.985 min  
Delta R.T.: -0.004 min  
Response: 7962  
Conc: 4.74 ng/ml



#33 AR-1260-3

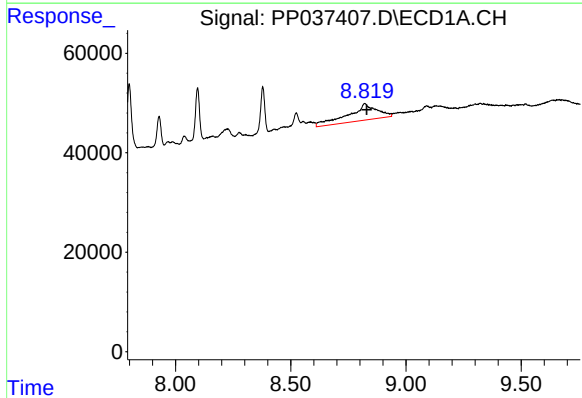
R.T.: 8.588 min  
Delta R.T.: -0.011 min  
Response: 24486  
Conc: 12.11 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



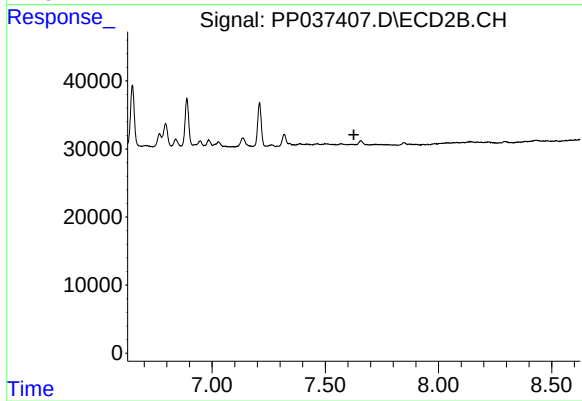
#33 AR-1260-3

R.T.: 7.136 min  
Delta R.T.: -0.007 min  
Response: 19605  
Conc: 11.44 ng/ml



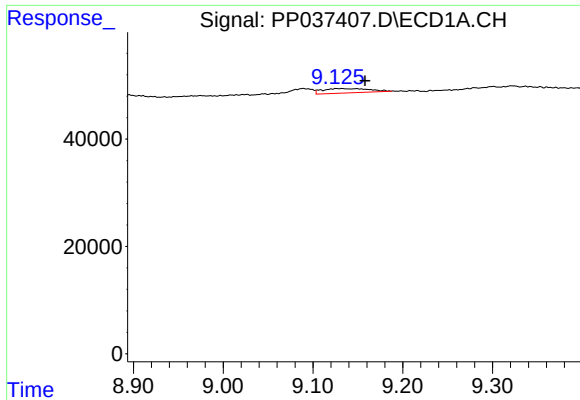
#34 AR-1260-4

R.T.: 8.820 min  
Delta R.T.: -0.010 min  
Response: 286793  
Conc: 116.59 ng/ml



#34 AR-1260-4

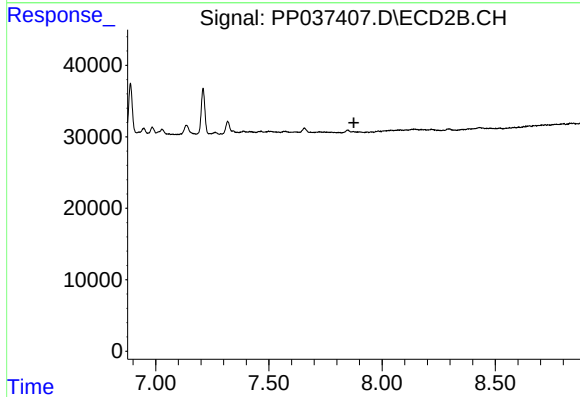
R.T.: 0.000 min  
Exp R.T.: 7.627 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

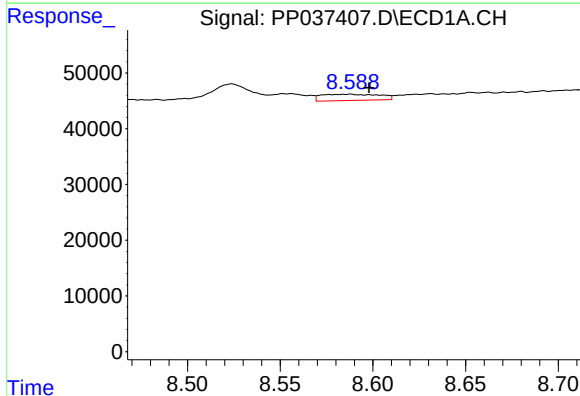
R.T.: 9.133 min  
Delta R.T.: -0.026 min  
Response: 29685  
Conc: 6.43 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



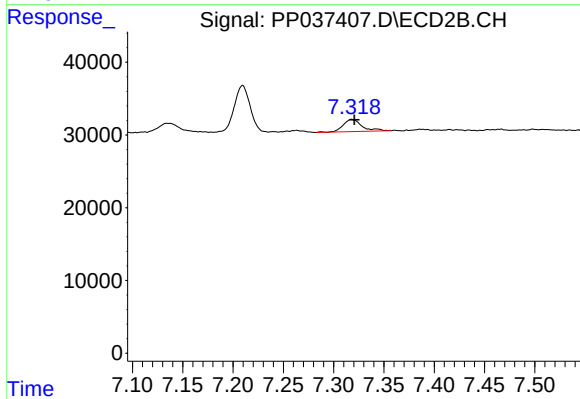
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 7.876 min  
Response: 0  
Conc: N.D.



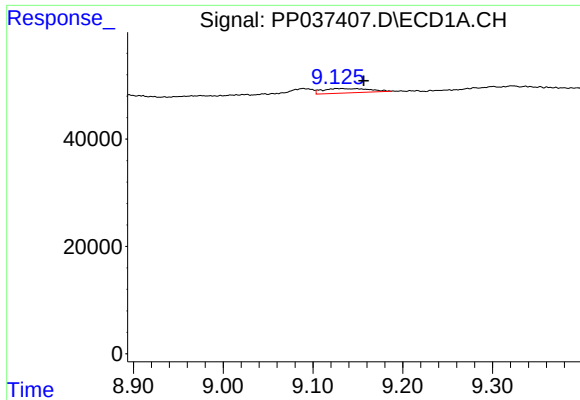
#36 AR-1262-1

R.T.: 8.588 min  
Delta R.T.: -0.010 min  
Response: 24486  
Conc: 8.41 ng/ml



#36 AR-1262-1

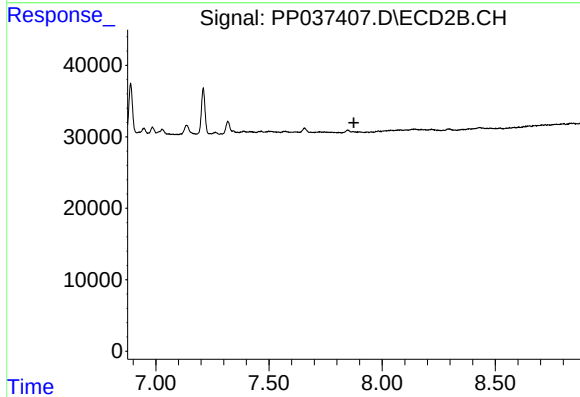
R.T.: 7.318 min  
Delta R.T.: -0.003 min  
Response: 22217  
Conc: 21.40 ng/ml



#37 AR-1262-2

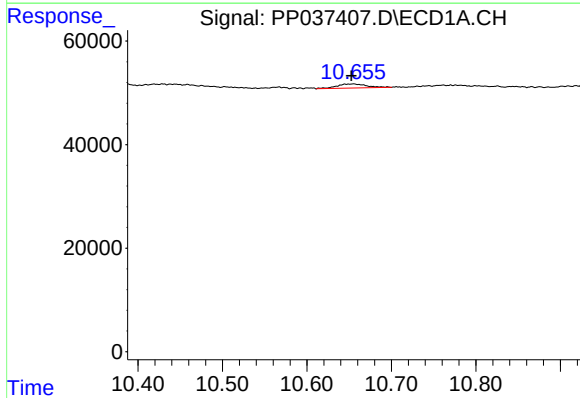
R.T.: 9.133 min  
Delta R.T.: -0.024 min  
Response: 29685  
Conc: 5.65 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



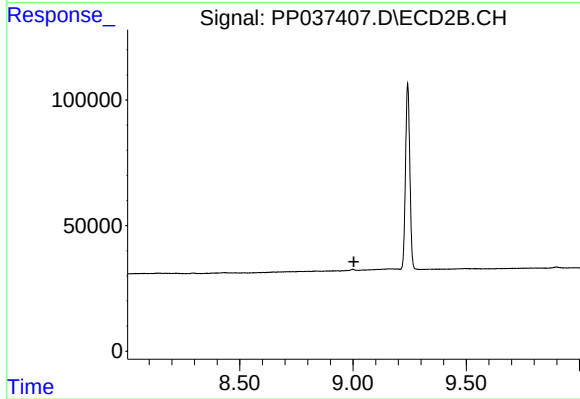
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 7.875 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 10.655 min  
Delta R.T.: 0.002 min  
Response: 19503  
Conc: 1.23 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 9.004 min  
Response: 0  
Conc: N.D.