

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP110723\  
 Data File : PP061531.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Nov 2023 23:37  
 Operator : YP\AJ  
 Sample : AR1221ICV500  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 08 05:13:39 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP110723.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Nov 08 05:11:03 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

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... | 4.578  | 3.708  | 130.3E6  | 76160752 | 51.677  | 48.989   |
| 2)                          | SA Decachlor... | 10.585 | 8.792  | 98753221 | 74854138 | 52.547  | 52.484   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 3)                          | L1 AR-1016-1    | 5.775  | 4.812  | 3310071  | 2004995  | 41.054  | 38.681   |
| 4)                          | L1 AR-1016-2    | 5.799  | 4.831  | 5004187  | 3166187  | 42.690  | 44.890   |
| 5)                          | L1 AR-1016-3    | 5.862  | 5.009  | 3661947  | 1642879  | 50.561  | 41.842   |
| 6)                          | L1 AR-1016-4    | 5.963  | 5.052  | 2225928  | 689207   | 38.517  | 22.042 # |
| 7)                          | L1 AR-1016-5    | 6.263  | 5.269  | 1163961  | 614268   | 20.287  | 14.847 # |
| 8)                          | L2 AR-1221-1    | 4.792  | 3.926  | 15467360 | 10451239 | 493.335 | 505.347  |
| 9)                          | L2 AR-1221-2    | 4.880  | 4.013  | 11605193 | 7640259  | 486.900 | 516.422  |
| 10)                         | L2 AR-1221-3    | 4.959  | 4.090  | 33851250 | 21553730 | 499.867 | 498.679  |
| 11)                         | L3 AR-1232-1    | 4.959  | 4.090  | 33851250 | 21553730 | 594.633 | 601.060  |
| 12)                         | L3 AR-1232-2    | 5.502  | 4.831  | 3304408  | 3166187  | 110.304 | 97.097   |
| 13)                         | L3 AR-1232-3    | 5.799  | 5.009  | 5004187  | 1642879  | 94.605  | 88.729   |
| 14)                         | L3 AR-1232-4    | 5.963  | 5.094  | 2225928  | 729049   | 84.107  | 43.538 # |
| 15)                         | L3 AR-1232-5    | 6.055  | 5.269  | 1157342  | 614268   | 51.428  | 33.055 # |
| 16)                         | L4 AR-1242-1    | 5.775  | 4.812  | 3310071  | 2004995  | 50.288  | 48.108   |
| 17)                         | L4 AR-1242-2    | 5.799  | 4.831  | 5004187  | 3166187  | 52.957  | 55.403   |
| 18)                         | L4 AR-1242-3    | 5.862  | 5.009  | 3661947  | 1642879  | 61.710  | 50.499   |
| 19)                         | L4 AR-1242-4    | 5.963  | 5.094  | 2225928  | 729049   | 46.891  | 22.204 # |
| 20)                         | L4 AR-1242-5    | 6.713  | 5.624  | 839367   | 673240   | 17.422  | 17.158   |
| 21)                         | L5 AR-1248-1    | 5.775  | 4.812  | 3310071  | 2004995  | 67.593  | 65.772   |
| 22)                         | L5 AR-1248-2    | 6.055  | 5.052  | 1157342  | 689207   | 15.903  | 15.653   |
| 23)                         | L5 AR-1248-3    | 6.263  | 5.094  | 1163961  | 729049   | 14.014  | 15.582   |
| 24)                         | L5 AR-1248-4    | 6.646  | 5.269  | 598514   | 614268   | 9.290   | 11.096   |
| 25)                         | L5 AR-1248-5    | 6.673  | 5.624  | 796704   | 673240   | 9.214   | 9.153    |
| 26)                         | L6 AR-1254-1    | 6.646  | 5.624  | 598514   | 673240   | 6.875   | 8.642 #  |
| 27)                         | L6 AR-1254-2    | 6.872  | 0.000  | 962401   | 0        | 7.067   | N.D. #   |
| 28)                         | L6 AR-1254-3    | 7.243  | 0.000  | 1192367  | 0        | 8.408   | N.D. #   |
| 29)                         | L6 AR-1254-4    | 7.533  | 0.000  | 909398   | 0        | 8.862   | N.D. #   |
| 30)                         | L6 AR-1254-5    | 7.960f | 0.000  | 360366   | 0        | 3.270   | N.D. #   |
| 31)                         | L7 AR-1260-1    | 7.409  | 0.000  | 225190   | 0        | 2.183   | N.D. #   |
| 32)                         | L7 AR-1260-2    | 7.680  | 0.000  | 503796   | 0        | 4.189   | N.D. #   |
| 33)                         | L7 AR-1260-3    | 8.056f | 0.000  | 287124   | 0        | 3.464   | N.D. #   |
| 35)                         | L7 AR-1260-5    | 8.639f | 7.378  | 447995   | 780277   | 2.432   | 4.794 #  |
| 36)                         | L8 AR-1262-1    | 8.056f | 6.947f | 287124   | 435160   | 2.115   | 9.544 #  |
| 37)                         | L8 AR-1262-2    | 8.639f | 0.000  | 447995   | 0        | 1.893   | N.D. #   |
| 43)                         | L9 AR-1268-3    | 0.000  | 7.935  | 0        | 239173   | N.D.    | 1.317 #  |
| 45)                         | L9 AR-1268-5    | 10.211 | 8.527  | 1005960  | 786872   | 1.408   | 1.448    |
| -----                       |                 |        |        |          |          |         |          |

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

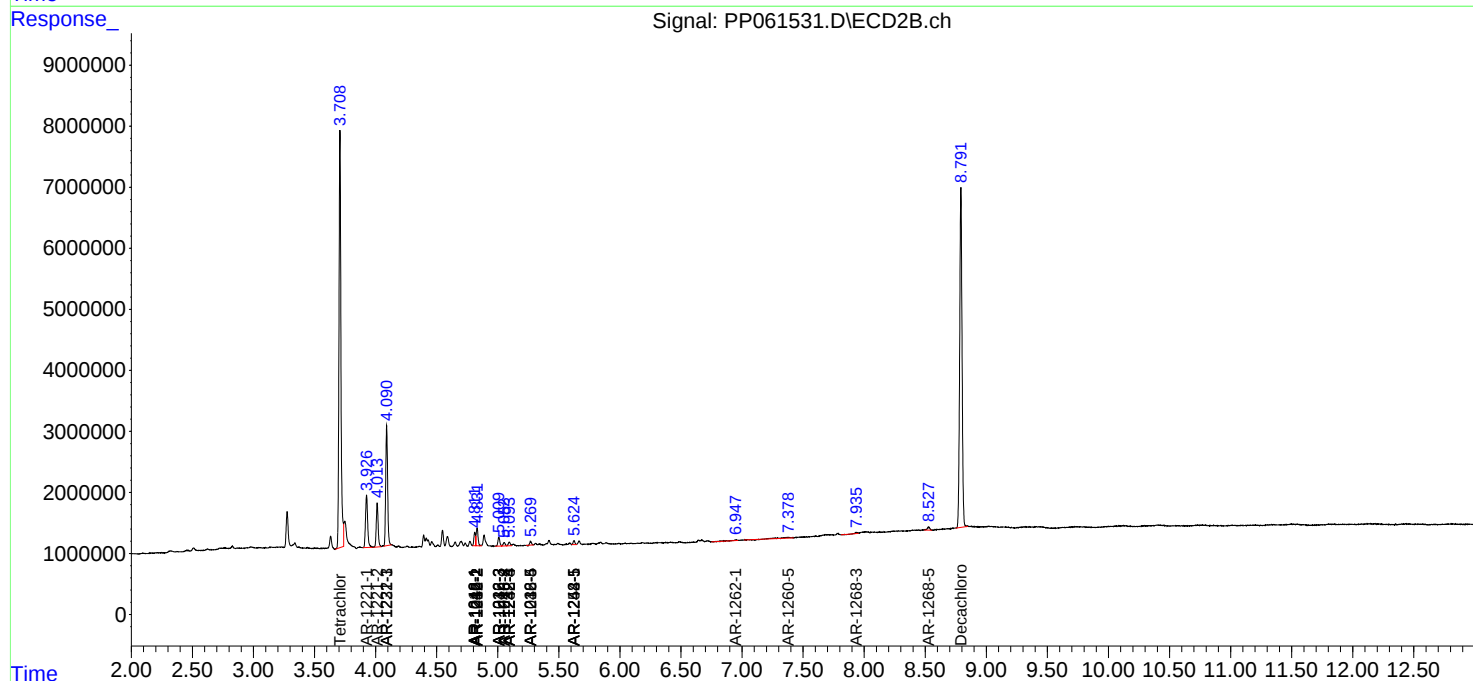
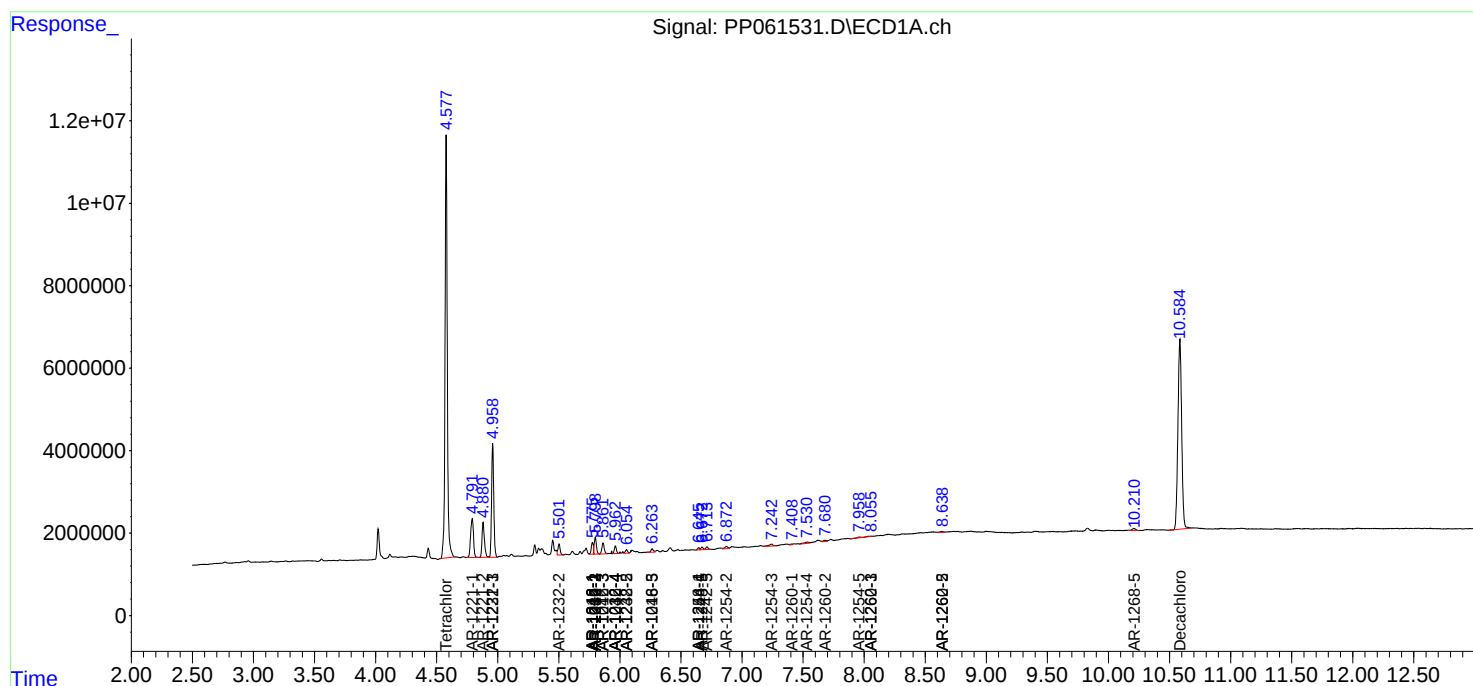
Instrument :  
ECD\_P  
ClientSampleId :

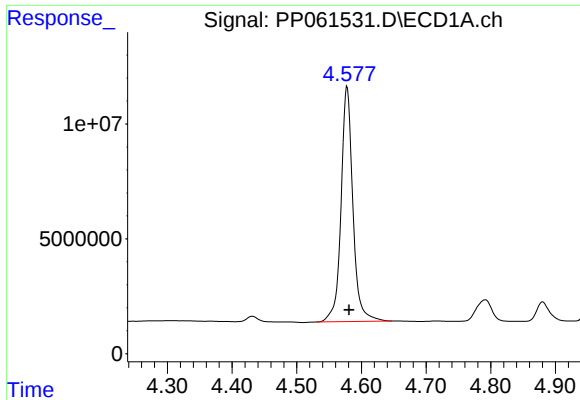
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP110723\  
Data File : PP061531.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Nov 2023 23:37  
Operator : YP\AJ  
Sample : AR1221ICV500  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 08 05:13:39 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP110723.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Nov 08 05:11:03 2023  
Response via : Initial Calibration  
Integrator: ChemStation

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

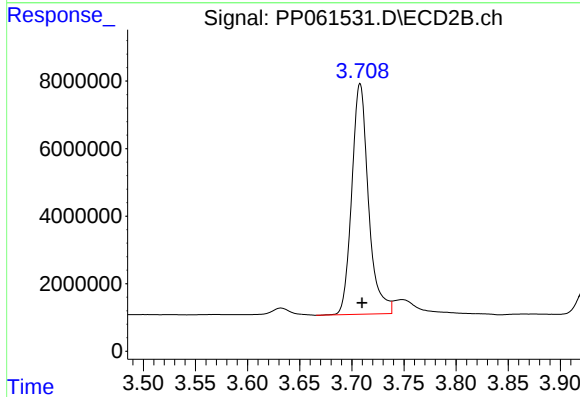




#1 Tetrachloro-m-xylene

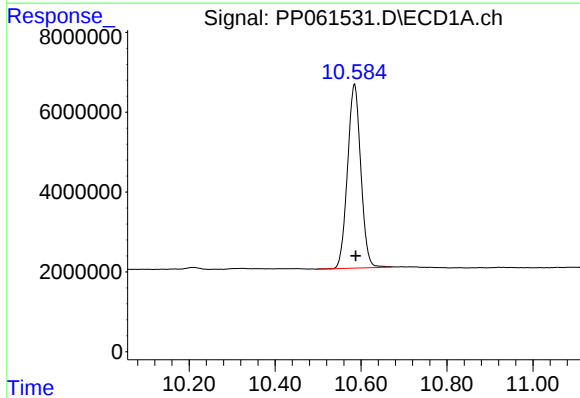
R.T.: 4.578 min  
Delta R.T.: -0.003 min  
Response: 130277113  
Conc: 51.68 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



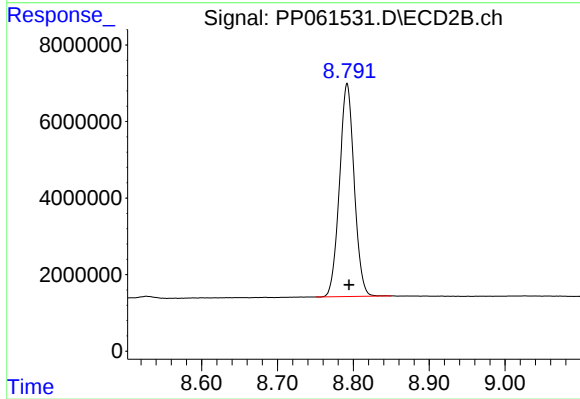
#1 Tetrachloro-m-xylene

R.T.: 3.708 min  
Delta R.T.: -0.002 min  
Response: 76160752  
Conc: 48.99 ng/ml



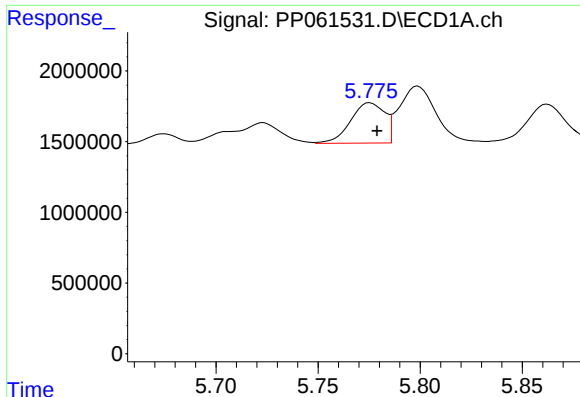
#2 Decachlorobiphenyl

R.T.: 10.585 min  
Delta R.T.: -0.003 min  
Response: 98753221  
Conc: 52.55 ng/ml



#2 Decachlorobiphenyl

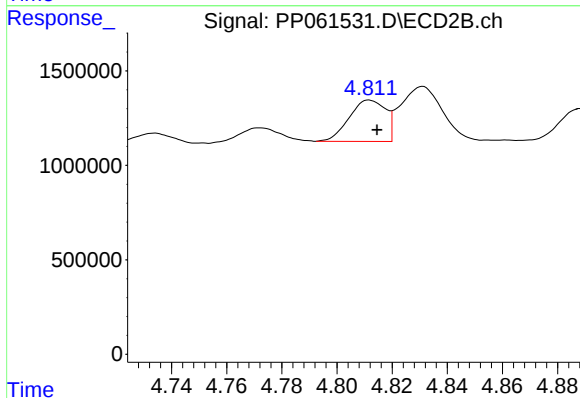
R.T.: 8.792 min  
Delta R.T.: -0.003 min  
Response: 74854138  
Conc: 52.48 ng/ml



#3 AR-1016-1

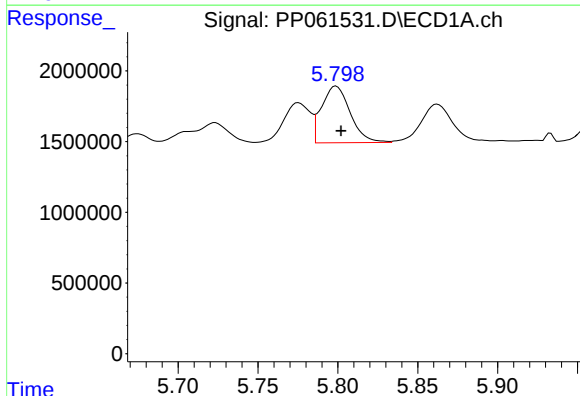
R.T.: 5.775 min  
Delta R.T.: -0.003 min  
Response: 3310071  
Conc: 41.05 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



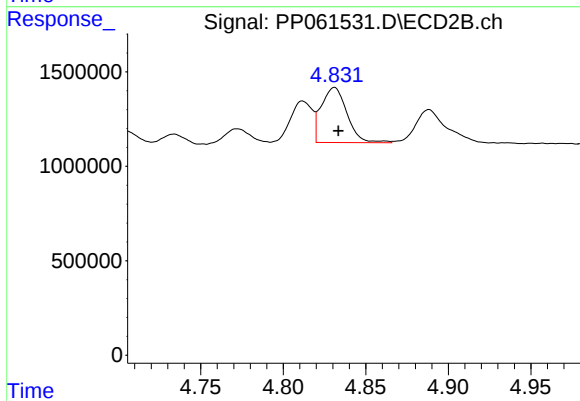
#3 AR-1016-1

R.T.: 4.812 min  
Delta R.T.: -0.003 min  
Response: 2004995  
Conc: 38.68 ng/ml



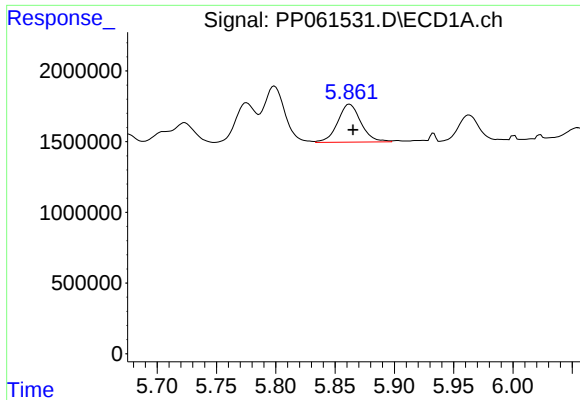
#4 AR-1016-2

R.T.: 5.799 min  
Delta R.T.: -0.003 min  
Response: 5004187  
Conc: 42.69 ng/ml



#4 AR-1016-2

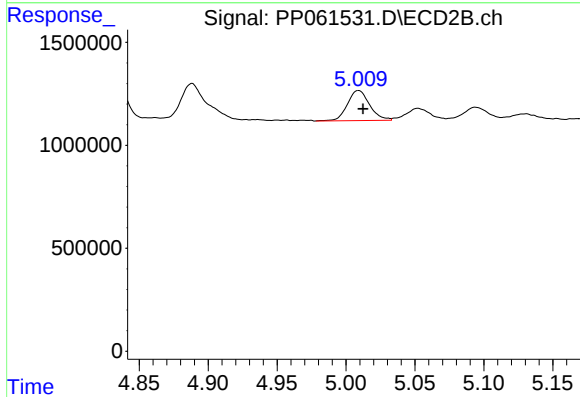
R.T.: 4.831 min  
Delta R.T.: -0.002 min  
Response: 3166187  
Conc: 44.89 ng/ml



#5 AR-1016-3

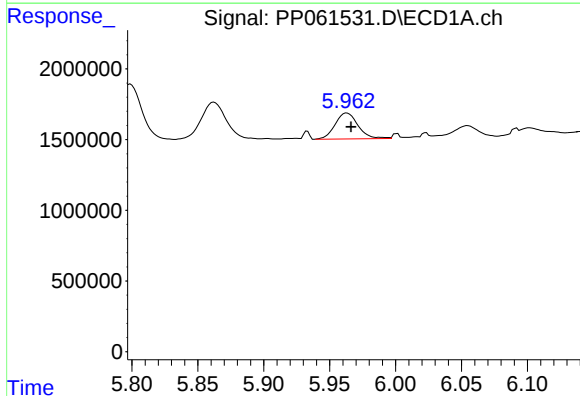
R.T.: 5.862 min  
Delta R.T.: -0.003 min  
Response: 3661947  
Conc: 50.56 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



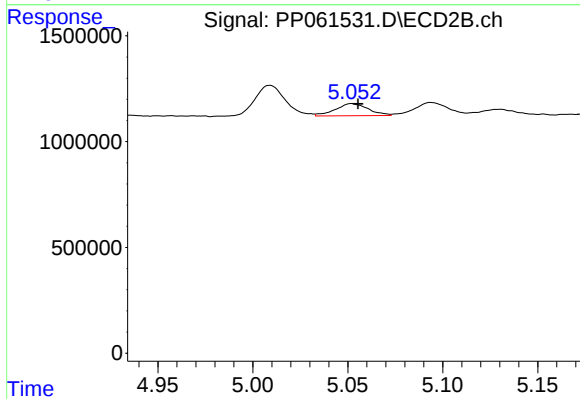
#5 AR-1016-3

R.T.: 5.009 min  
Delta R.T.: -0.003 min  
Response: 1642879  
Conc: 41.84 ng/ml



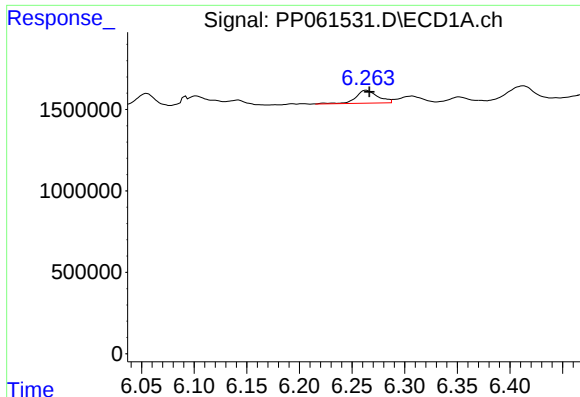
#6 AR-1016-4

R.T.: 5.963 min  
Delta R.T.: -0.003 min  
Response: 2225928  
Conc: 38.52 ng/ml



#6 AR-1016-4

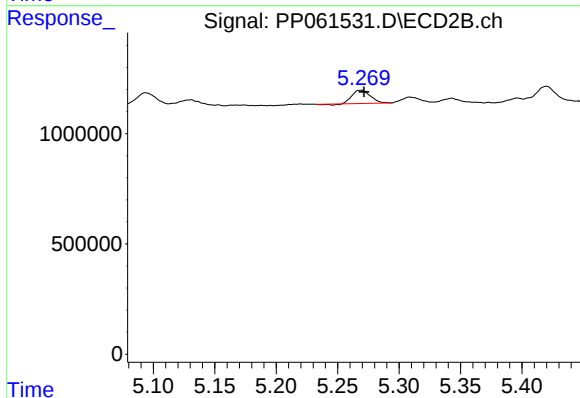
R.T.: 5.052 min  
Delta R.T.: -0.003 min  
Response: 689207  
Conc: 22.04 ng/ml



#7 AR-1016-5

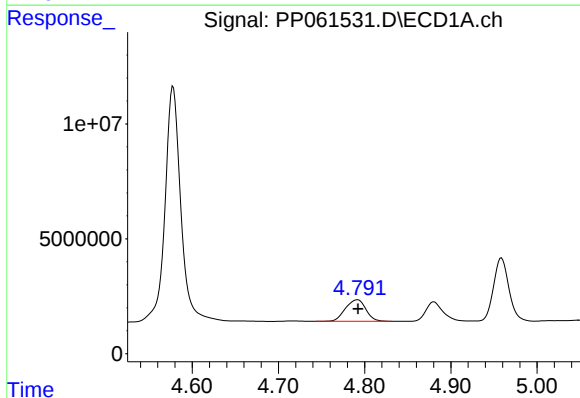
R.T.: 6.263 min  
Delta R.T.: -0.003 min  
Response: 1163961  
Conc: 20.29 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



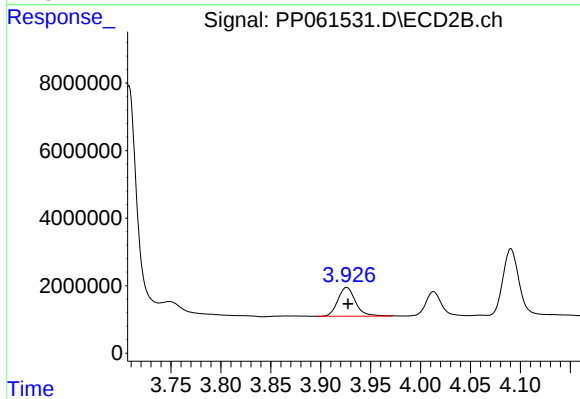
#7 AR-1016-5

R.T.: 5.269 min  
Delta R.T.: -0.002 min  
Response: 614268  
Conc: 14.85 ng/ml



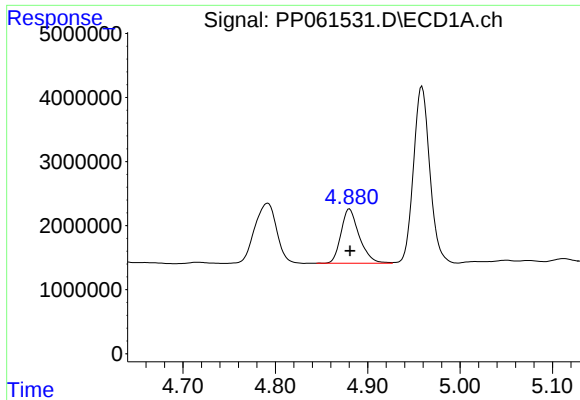
#8 AR-1221-1

R.T.: 4.792 min  
Delta R.T.: 0.000 min  
Response: 15467360  
Conc: 493.33 ng/ml



#8 AR-1221-1

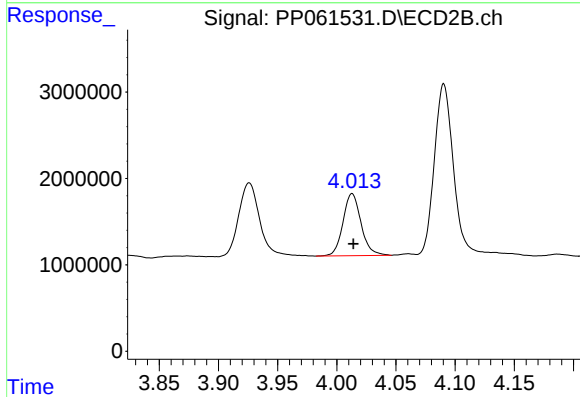
R.T.: 3.926 min  
Delta R.T.: -0.001 min  
Response: 10451239  
Conc: 505.35 ng/ml



#9 AR-1221-2

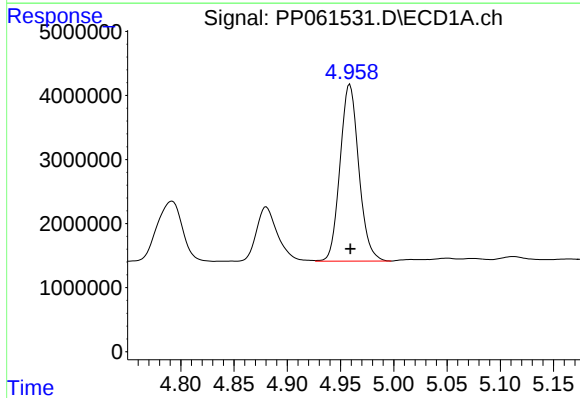
R.T.: 4.880 min  
Delta R.T.: 0.000 min  
Response: 11605193  
Conc: 486.90 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



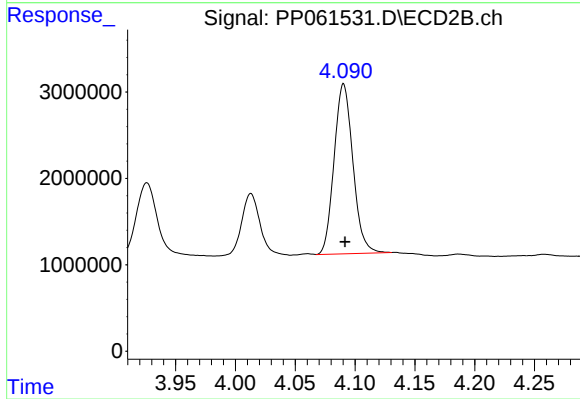
#9 AR-1221-2

R.T.: 4.013 min  
Delta R.T.: -0.001 min  
Response: 7640259  
Conc: 516.42 ng/ml



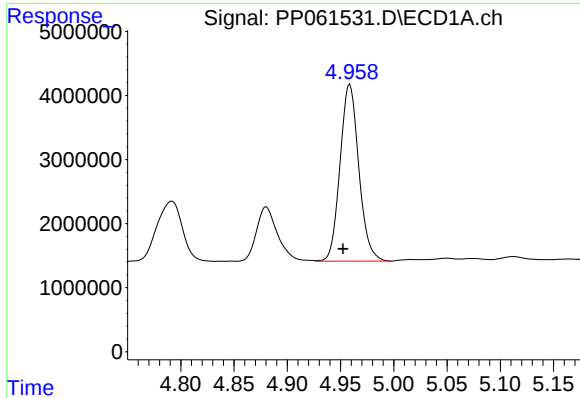
#10 AR-1221-3

R.T.: 4.959 min  
Delta R.T.: 0.000 min  
Response: 33851250  
Conc: 499.87 ng/ml



#10 AR-1221-3

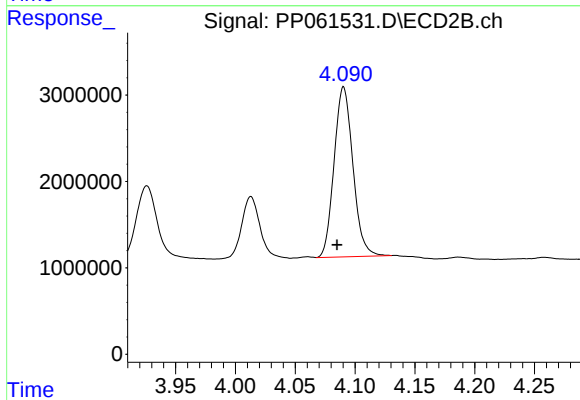
R.T.: 4.090 min  
Delta R.T.: -0.001 min  
Response: 21553730  
Conc: 498.68 ng/ml



#11 AR-1232-1

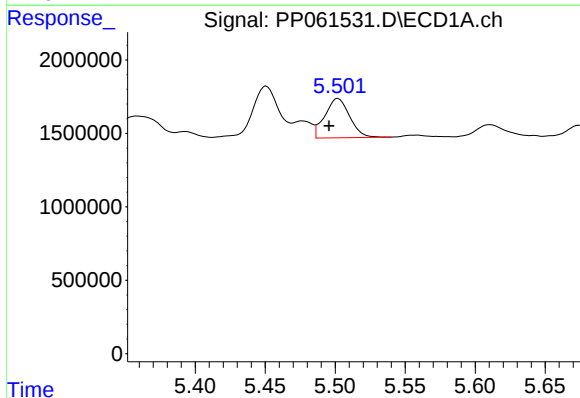
R.T.: 4.959 min  
Delta R.T.: 0.006 min  
Response: 33851250  
Conc: 594.63 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



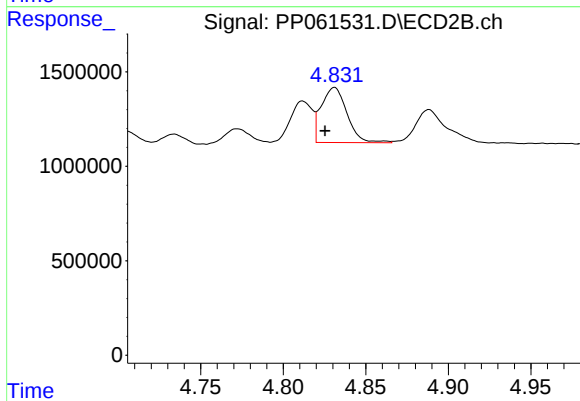
#11 AR-1232-1

R.T.: 4.090 min  
Delta R.T.: 0.005 min  
Response: 21553730  
Conc: 601.06 ng/ml



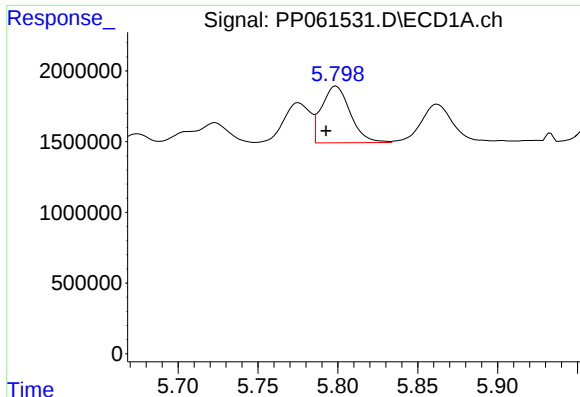
#12 AR-1232-2

R.T.: 5.502 min  
Delta R.T.: 0.006 min  
Response: 3304408  
Conc: 110.30 ng/ml



#12 AR-1232-2

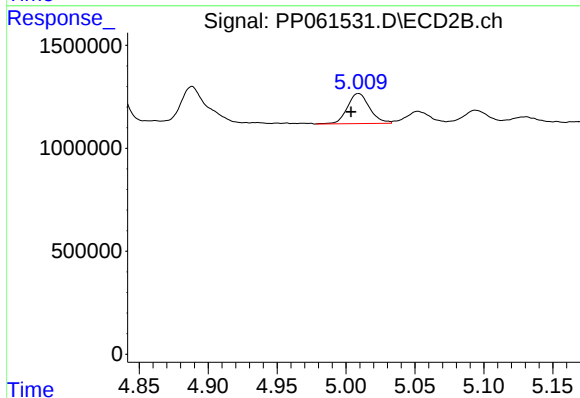
R.T.: 4.831 min  
Delta R.T.: 0.006 min  
Response: 3166187  
Conc: 97.10 ng/ml



#13 AR-1232-3

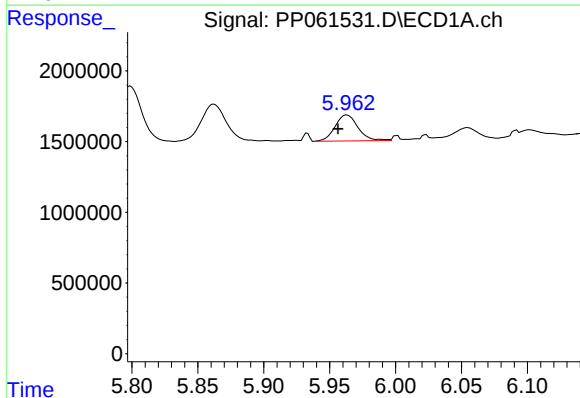
R.T.: 5.799 min  
Delta R.T.: 0.006 min  
Response: 5004187  
Conc: 94.60 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



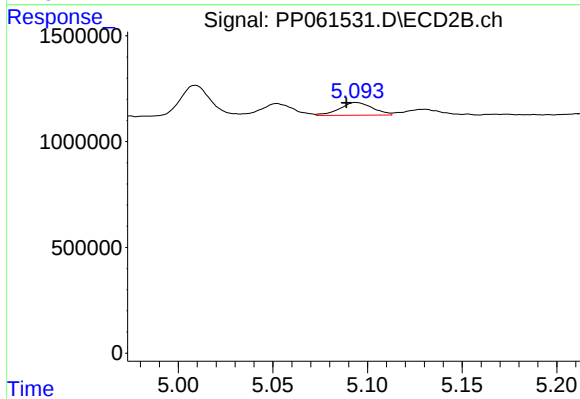
#13 AR-1232-3

R.T.: 5.009 min  
Delta R.T.: 0.005 min  
Response: 1642879  
Conc: 88.73 ng/ml



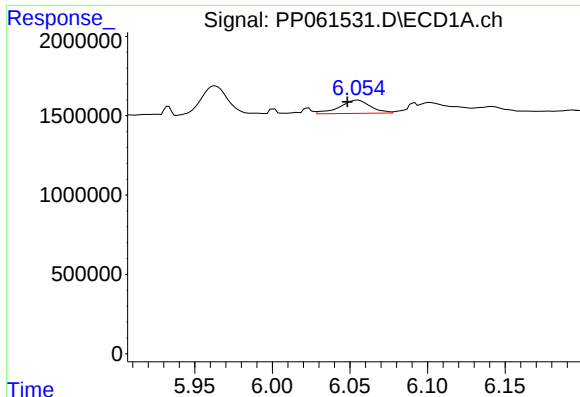
#14 AR-1232-4

R.T.: 5.963 min  
Delta R.T.: 0.007 min  
Response: 2225928  
Conc: 84.11 ng/ml



#14 AR-1232-4

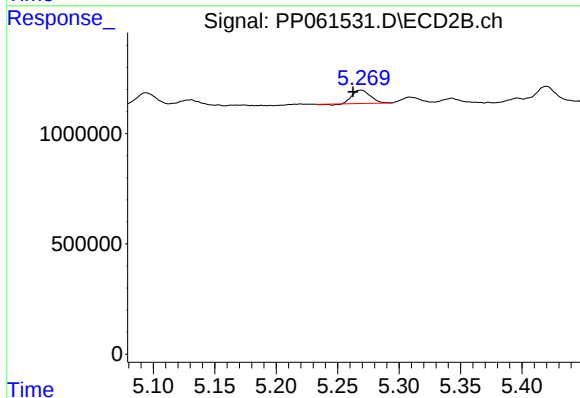
R.T.: 5.094 min  
Delta R.T.: 0.005 min  
Response: 729049  
Conc: 43.54 ng/ml



#15 AR-1232-5

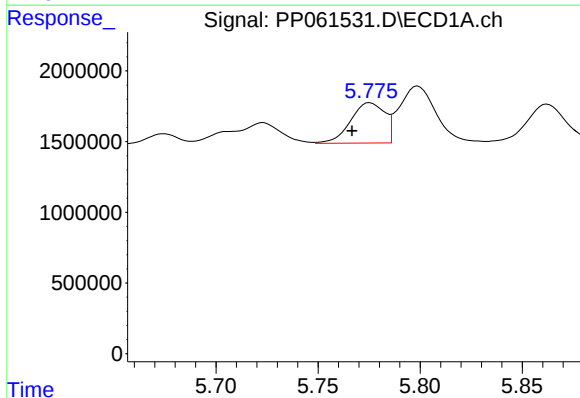
R.T.: 6.055 min  
Delta R.T.: 0.006 min  
Response: 1157342  
Conc: 51.43 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



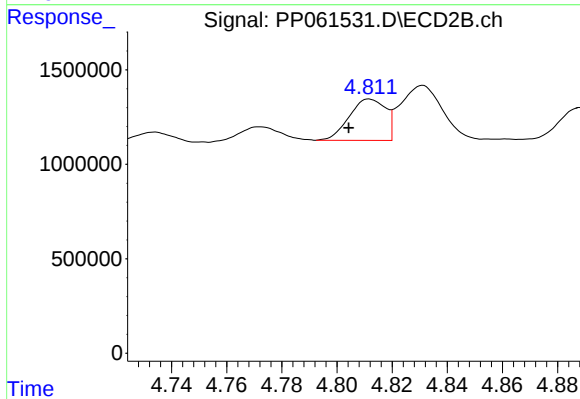
#15 AR-1232-5

R.T.: 5.269 min  
Delta R.T.: 0.007 min  
Response: 614268  
Conc: 33.06 ng/ml



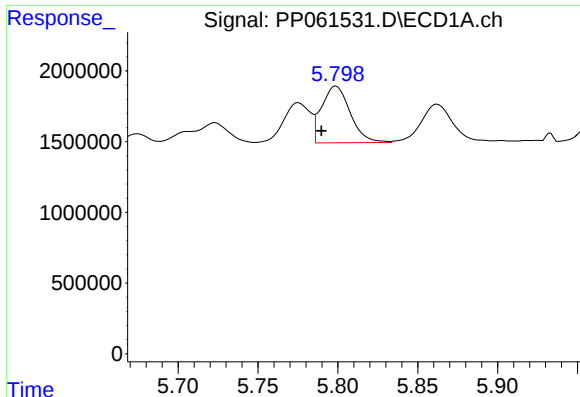
#16 AR-1242-1

R.T.: 5.775 min  
Delta R.T.: 0.009 min  
Response: 3310071  
Conc: 50.29 ng/ml



#16 AR-1242-1

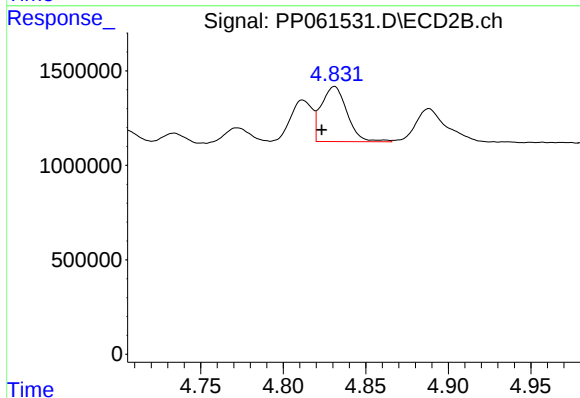
R.T.: 4.812 min  
Delta R.T.: 0.007 min  
Response: 2004995  
Conc: 48.11 ng/ml



#17 AR-1242-2

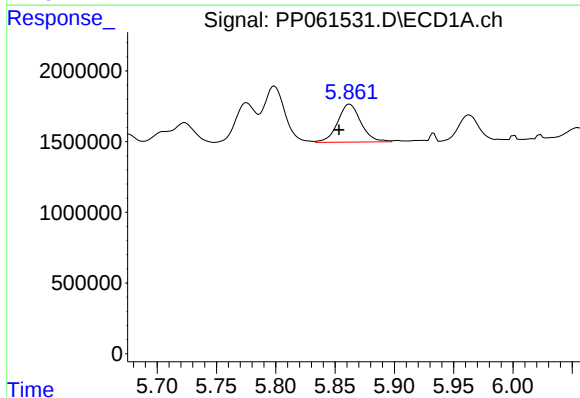
R.T.: 5.799 min  
Delta R.T.: 0.009 min  
Response: 5004187  
Conc: 52.96 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



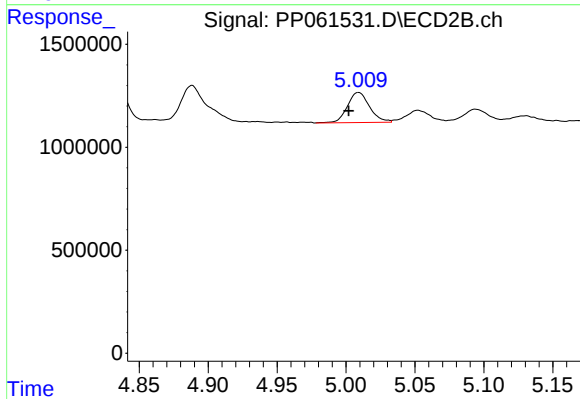
#17 AR-1242-2

R.T.: 4.831 min  
Delta R.T.: 0.008 min  
Response: 3166187  
Conc: 55.40 ng/ml



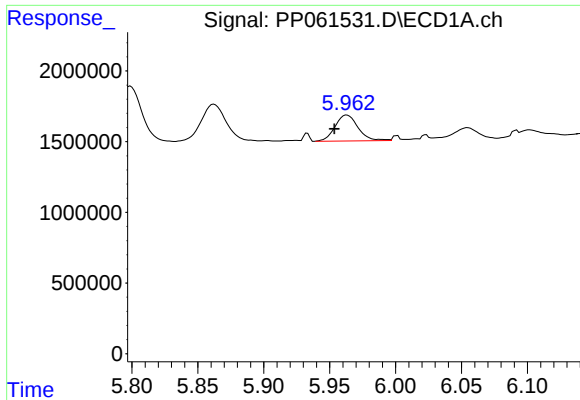
#18 AR-1242-3

R.T.: 5.862 min  
Delta R.T.: 0.009 min  
Response: 3661947  
Conc: 61.71 ng/ml



#18 AR-1242-3

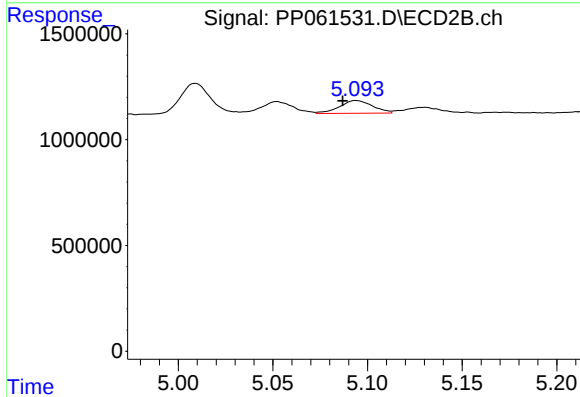
R.T.: 5.009 min  
Delta R.T.: 0.007 min  
Response: 1642879  
Conc: 50.50 ng/ml



#19 AR-1242-4

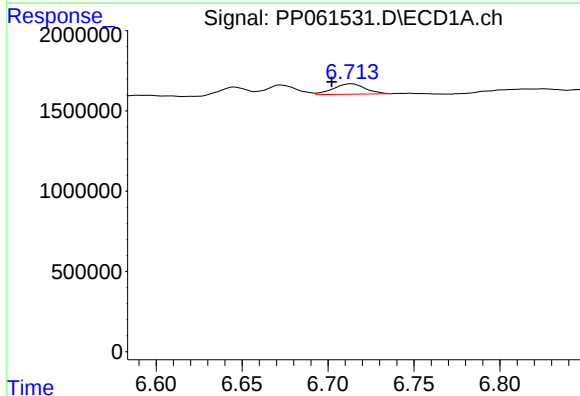
R.T.: 5.963 min  
Delta R.T.: 0.009 min  
Response: 2225928  
Conc: 46.89 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



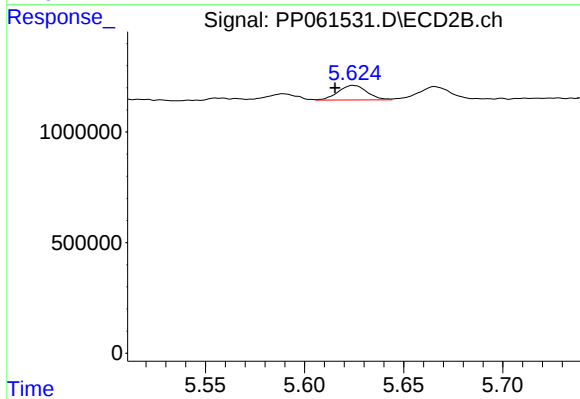
#19 AR-1242-4

R.T.: 5.094 min  
Delta R.T.: 0.007 min  
Response: 729049  
Conc: 22.20 ng/ml



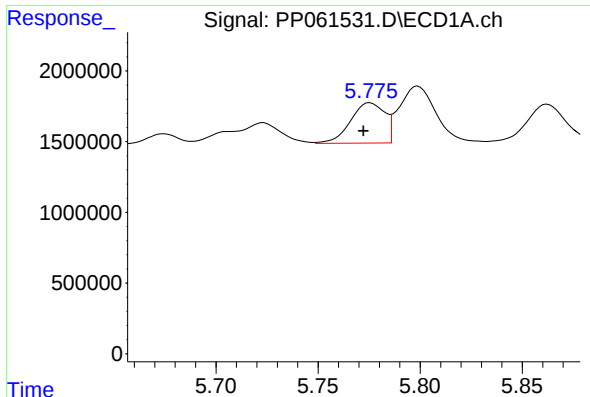
#20 AR-1242-5

R.T.: 6.713 min  
Delta R.T.: 0.011 min  
Response: 839367  
Conc: 17.42 ng/ml



#20 AR-1242-5

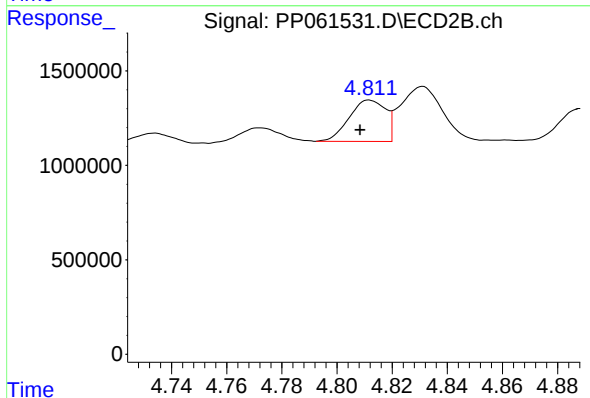
R.T.: 5.624 min  
Delta R.T.: 0.009 min  
Response: 673240  
Conc: 17.16 ng/ml



#21 AR-1248-1

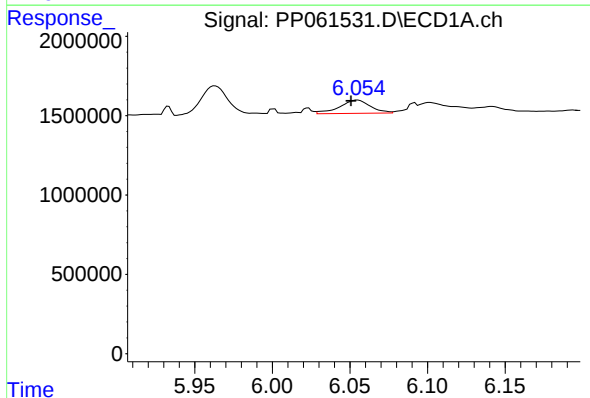
R.T.: 5.775 min  
Delta R.T.: 0.003 min  
Response: 3310071  
Conc: 67.59 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



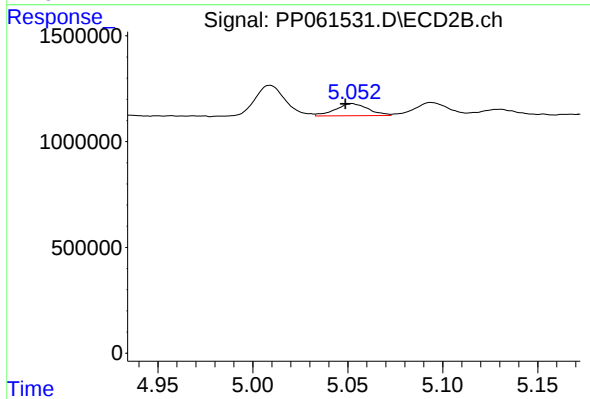
#21 AR-1248-1

R.T.: 4.812 min  
Delta R.T.: 0.003 min  
Response: 2004995  
Conc: 65.77 ng/ml



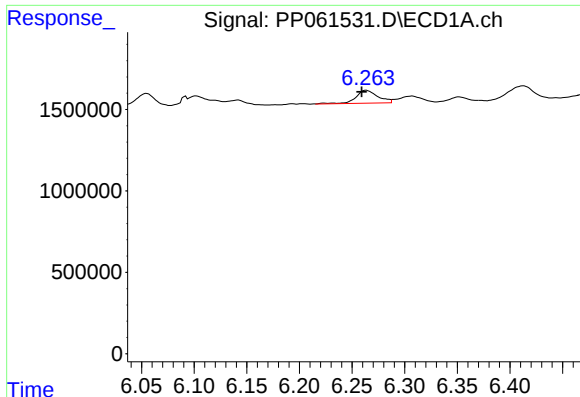
#22 AR-1248-2

R.T.: 6.055 min  
Delta R.T.: 0.004 min  
Response: 1157342  
Conc: 15.90 ng/ml



#22 AR-1248-2

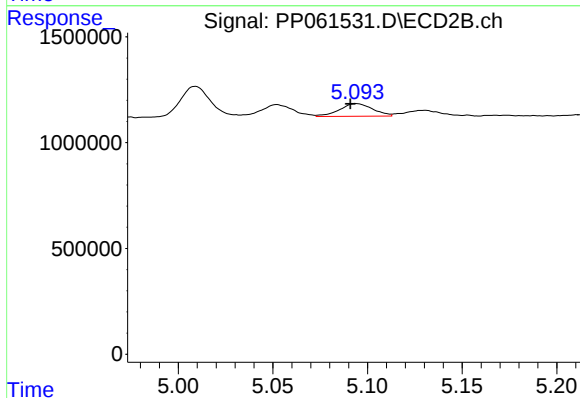
R.T.: 5.052 min  
Delta R.T.: 0.003 min  
Response: 689207  
Conc: 15.65 ng/ml



#23 AR-1248-3

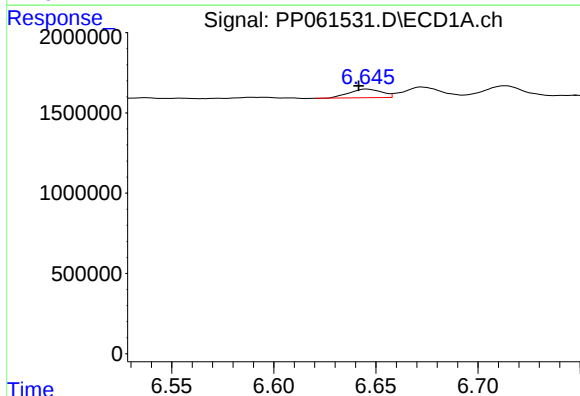
R.T.: 6.263 min  
Delta R.T.: 0.004 min  
Response: 1163961  
Conc: 14.01 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



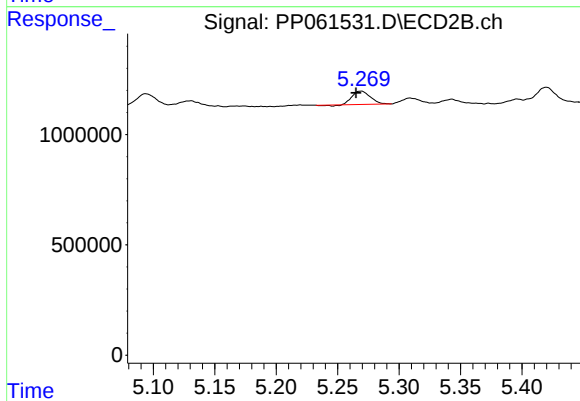
#23 AR-1248-3

R.T.: 5.094 min  
Delta R.T.: 0.003 min  
Response: 729049  
Conc: 15.58 ng/ml



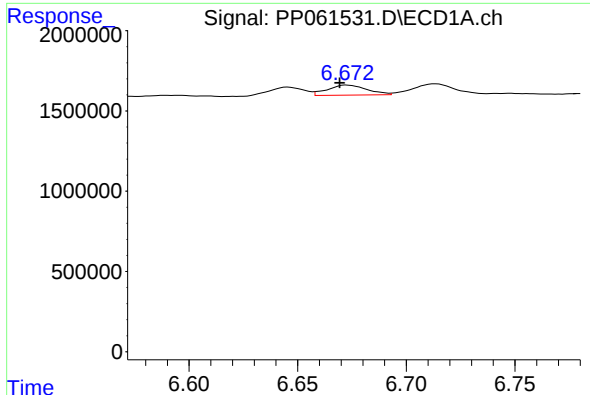
#24 AR-1248-4

R.T.: 6.646 min  
Delta R.T.: 0.004 min  
Response: 598514  
Conc: 9.29 ng/ml



#24 AR-1248-4

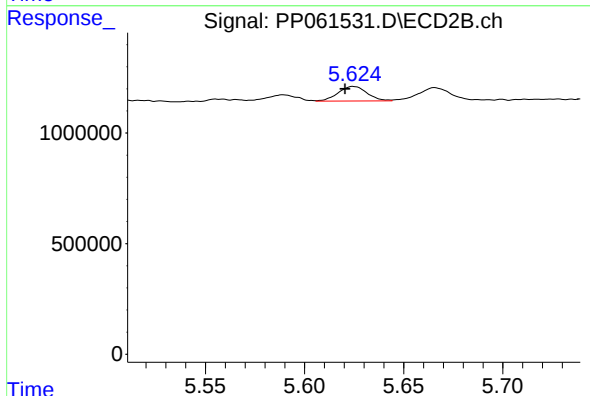
R.T.: 5.269 min  
Delta R.T.: 0.004 min  
Response: 614268  
Conc: 11.10 ng/ml



#25 AR-1248-5

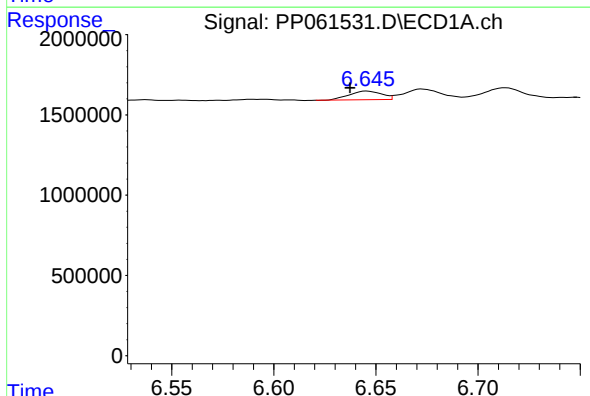
R.T.: 6.673 min  
Delta R.T.: 0.003 min  
Response: 796704  
Conc: 9.21 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



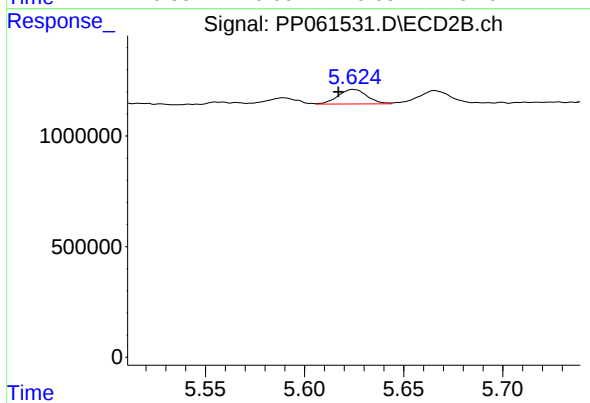
#25 AR-1248-5

R.T.: 5.624 min  
Delta R.T.: 0.004 min  
Response: 673240  
Conc: 9.15 ng/ml



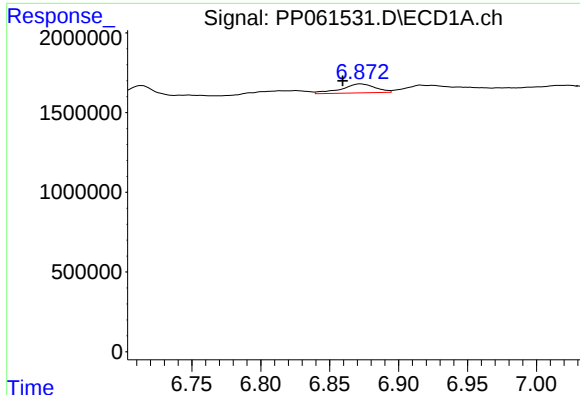
#26 AR-1254-1

R.T.: 6.646 min  
Delta R.T.: 0.008 min  
Response: 598514  
Conc: 6.88 ng/ml



#26 AR-1254-1

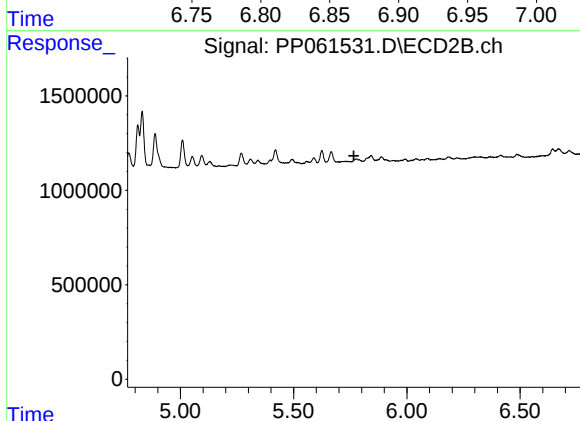
R.T.: 5.624 min  
Delta R.T.: 0.007 min  
Response: 673240  
Conc: 8.64 ng/ml



#27 AR-1254-2

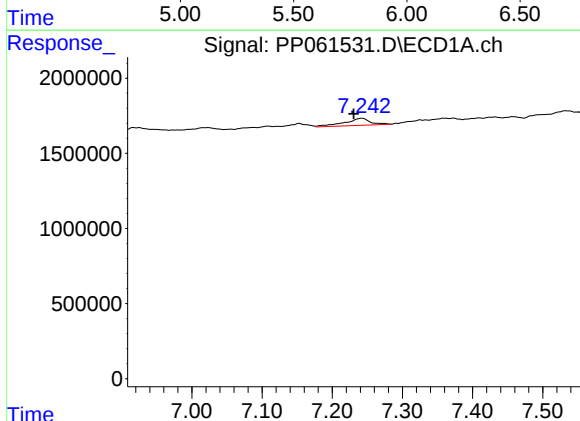
R.T.: 6.872 min  
Delta R.T.: 0.013 min  
Response: 962401  
Conc: 7.07 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



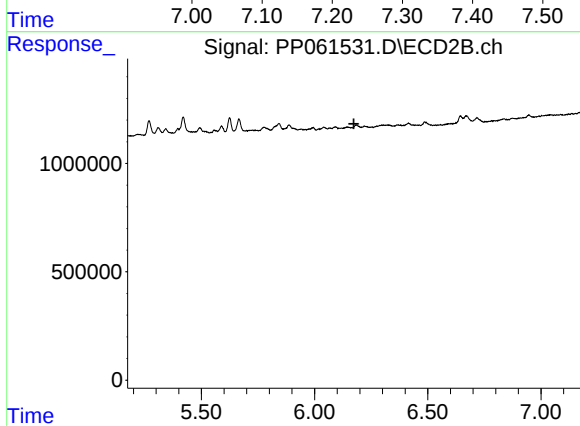
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 5.766 min  
Response: 0  
Conc: N.D.



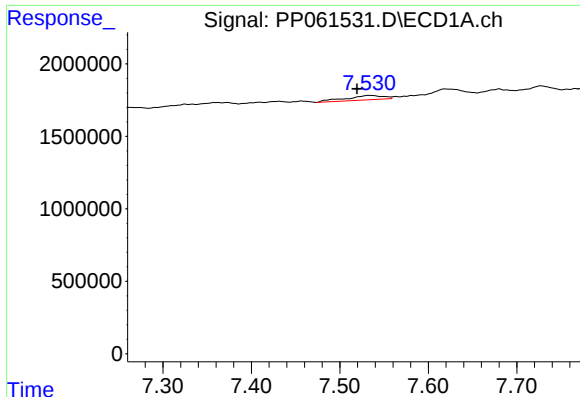
#28 AR-1254-3

R.T.: 7.243 min  
Delta R.T.: 0.012 min  
Response: 1192367  
Conc: 8.41 ng/ml



#28 AR-1254-3

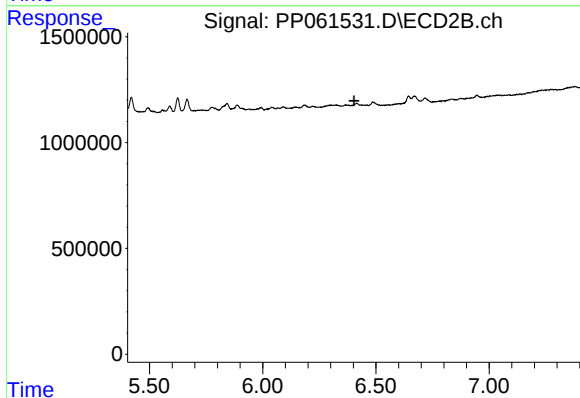
R.T.: 0.000 min  
Exp R.T. : 6.173 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

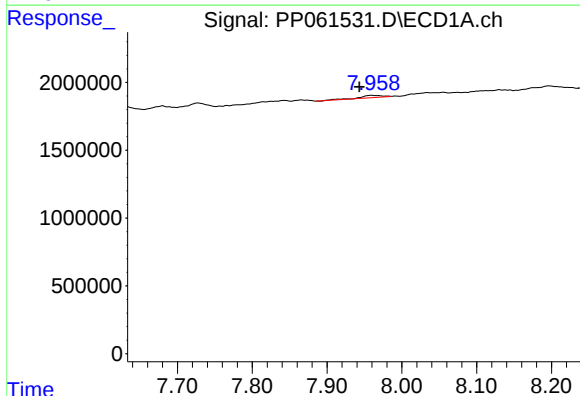
R.T.: 7.533 min  
Delta R.T.: 0.013 min  
Response: 909398  
Conc: 8.86 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



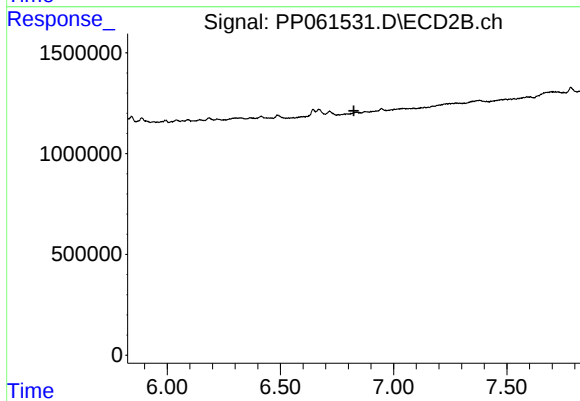
#29 AR-1254-4

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



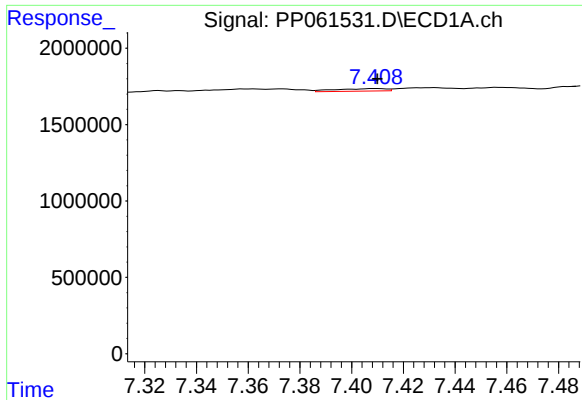
#30 AR-1254-5

R.T.: 7.960 min  
Delta R.T.: 0.017 min  
Response: 360366  
Conc: 3.27 ng/ml



#30 AR-1254-5

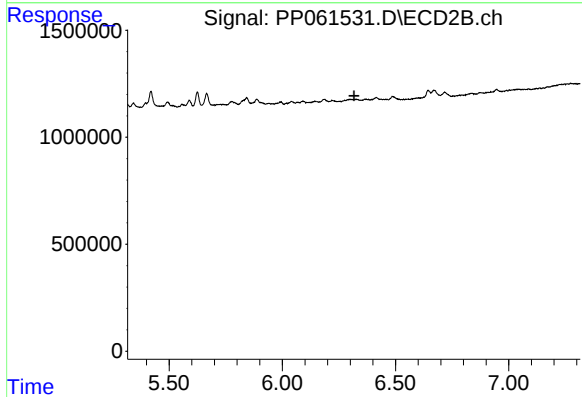
R.T.: 0.000 min  
Exp R.T. : 6.825 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

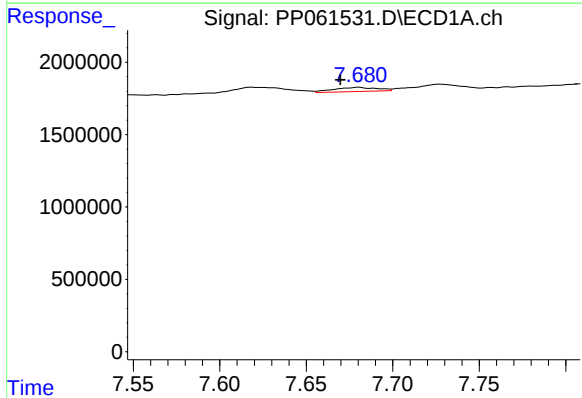
R.T.: 7.409 min  
Delta R.T.: 0.000 min  
Response: 225190  
Conc: 2.18 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



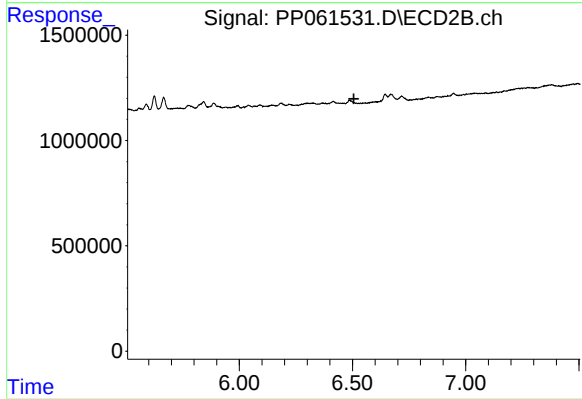
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 6.317 min  
Response: 0  
Conc: N.D.



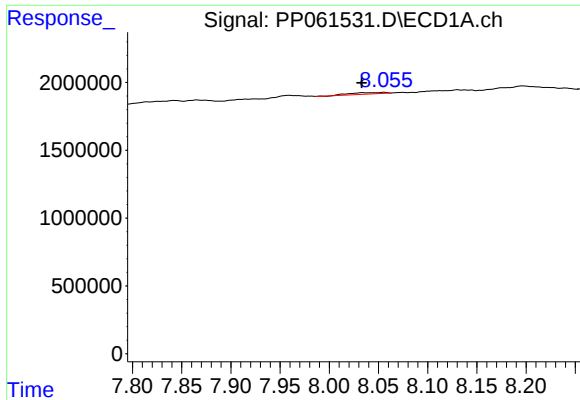
#32 AR-1260-2

R.T.: 7.680 min  
Delta R.T.: 0.011 min  
Response: 503796  
Conc: 4.19 ng/ml



#32 AR-1260-2

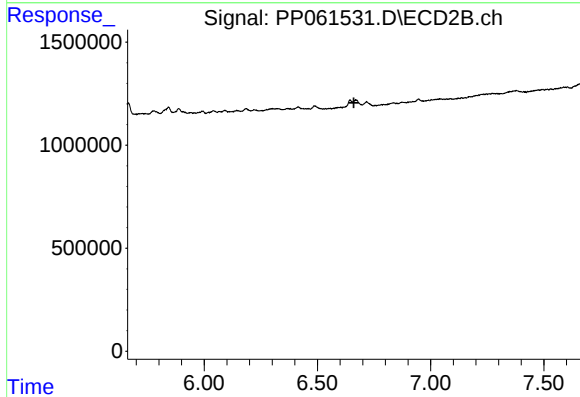
R.T.: 0.000 min  
Exp R.T. : 6.506 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

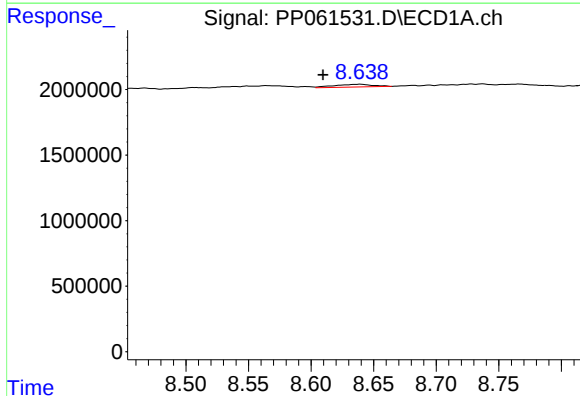
R.T.: 8.056 min  
Delta R.T.: 0.022 min  
Response: 287124  
Conc: 3.46 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



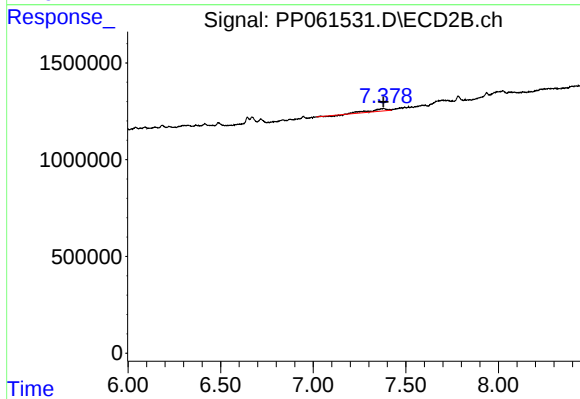
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 6.661 min  
Response: 0  
Conc: N.D.



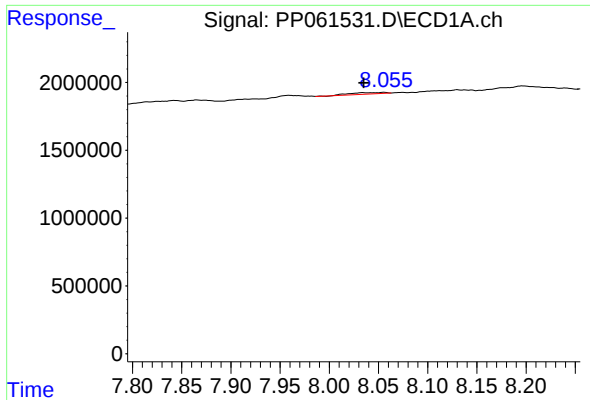
#35 AR-1260-5

R.T.: 8.639 min  
Delta R.T.: 0.030 min  
Response: 447995  
Conc: 2.43 ng/ml



#35 AR-1260-5

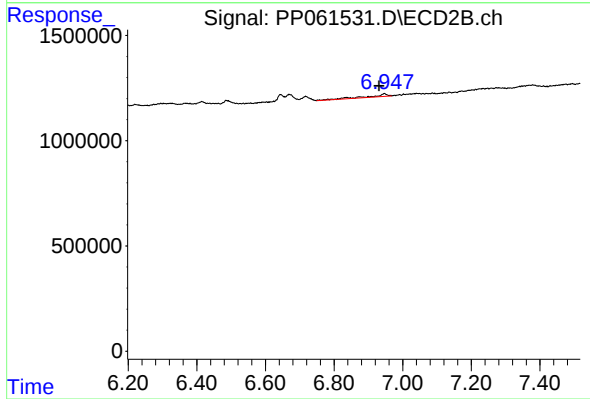
R.T.: 7.378 min  
Delta R.T.: -0.001 min  
Response: 780277  
Conc: 4.79 ng/ml



#36 AR-1262-1

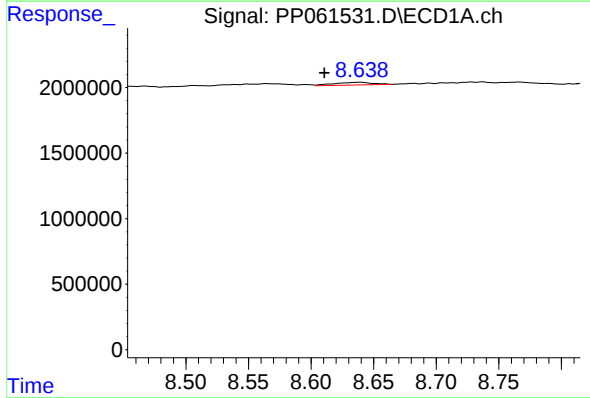
R.T.: 8.056 min  
Delta R.T.: 0.021 min  
Response: 287124  
Conc: 2.12 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



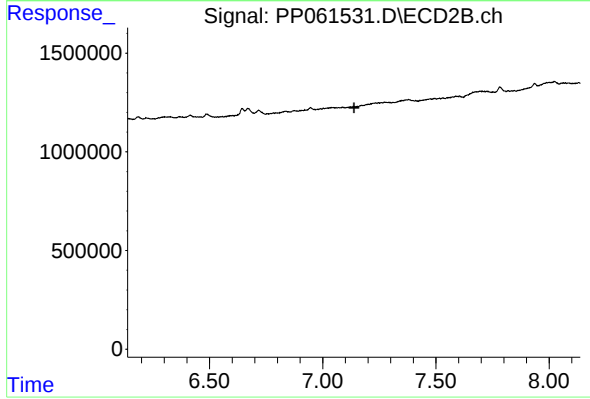
#36 AR-1262-1

R.T.: 6.947 min  
Delta R.T.: 0.016 min  
Response: 435160  
Conc: 9.54 ng/ml



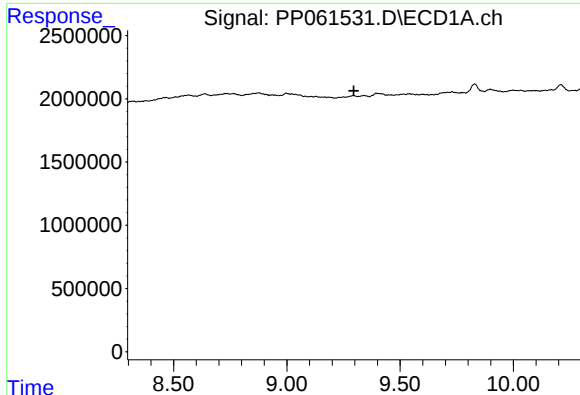
#37 AR-1262-2

R.T.: 8.639 min  
Delta R.T.: 0.029 min  
Response: 447995  
Conc: 1.89 ng/ml



#37 AR-1262-2

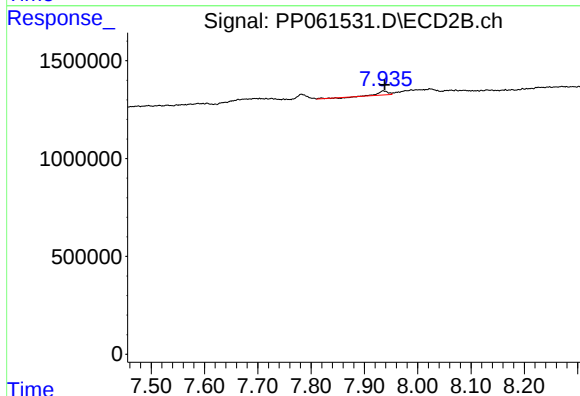
R.T.: 0.000 min  
Exp R.T. : 7.138 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

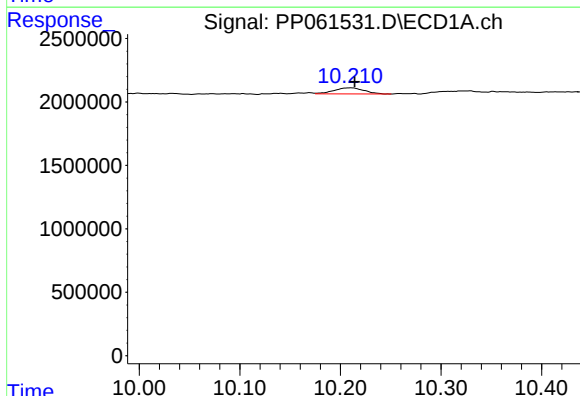
R.T.: 0.000 min  
Exp R.T.: 9.295 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



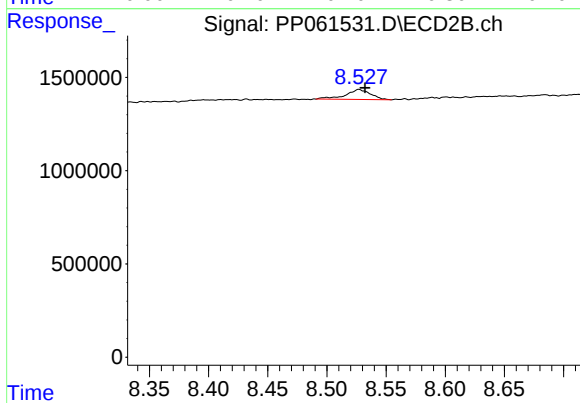
#43 AR-1268-3

R.T.: 7.935 min  
Delta R.T.: -0.003 min  
Response: 239173  
Conc: 1.32 ng/ml



#45 AR-1268-5

R.T.: 10.211 min  
Delta R.T.: -0.004 min  
Response: 1005960  
Conc: 1.41 ng/ml



#45 AR-1268-5

R.T.: 8.527 min  
Delta R.T.: -0.005 min  
Response: 786872  
Conc: 1.45 ng/ml