

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP071124\  
 Data File : PP066283.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Jul 2024 20:08  
 Operator : YP\AJ  
 Sample : P3209-10 10X  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 Y2308-0039-1-2

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 12 01:43:35 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP070124.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Jul 02 06:34:47 2024  
 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...          | 4.783  | 4.021  | 2998688  | 2424391  | 1.703   | 1.048 #   |
| 2) SA Decachlor...          | 10.779 | 9.194  | 3268173  | 2406924  | 1.808   | 2.116     |
| Target Compounds            |        |        |          |          |         |           |
| 3) L1 AR-1016-1             | 5.964  | 0.000  | 469347   | 0        | 7.023   | N.D. #    |
| 4) L1 AR-1016-2             | 5.975  | 0.000  | 286399   | 0        | 2.900   | N.D. #    |
| 5) L1 AR-1016-3             | 6.041  | 0.000  | 940346   | 0        | 15.536  | N.D. #    |
| 6) L1 AR-1016-4             | 6.135  | 5.385  | 872456   | 1560598  | 17.473  | 38.935 #  |
| 7) L1 AR-1016-5             | 6.446  | 5.596  | 253152   | 7610620  | 5.145   | 154.103 # |
| 8) L2 AR-1221-1             | 4.963f | 0.000  | 1554262  | 0        | 64.041  | N.D. #    |
| 9) L2 AR-1221-2             | 5.093f | 0.000  | 2809012  | 0        | 153.530 | N.D. #    |
| 12) L3 AR-1232-2            | 5.696  | 0.000  | 648249   | 0        | 25.943  | N.D. #    |
| 13) L3 AR-1232-3            | 5.975  | 0.000  | 286399   | 0        | 6.244   | N.D. #    |
| 14) L3 AR-1232-4            | 6.135  | 0.000  | 872456   | 0        | 32.215  | N.D. #    |
| 15) L3 AR-1232-5            | 6.224  | 5.596  | 1097229  | 7610620  | 58.000  | 330.863 # |
| 16) L4 AR-1242-1            | 5.964  | 0.000  | 469347   | 0        | 8.664   | N.D. #    |
| 17) L4 AR-1242-2            | 5.975  | 0.000  | 286399   | 0        | 3.557   | N.D. #    |
| 18) L4 AR-1242-3            | 6.041  | 0.000  | 940346   | 0        | 19.339  | N.D. #    |
| 19) L4 AR-1242-4            | 6.135  | 0.000  | 872456   | 0        | 21.004  | N.D. #    |
| 20) L4 AR-1242-5            | 6.908f | 0.000  | 193350   | 0        | 3.928   | N.D. #    |
| 21) L5 AR-1248-1            | 5.964  | 0.000  | 469347   | 0        | 11.207  | N.D. #    |
| 22) L5 AR-1248-2            | 6.224  | 5.385  | 1097229  | 1560598  | 17.207  | 27.452 #  |
| 23) L5 AR-1248-3            | 6.446  | 0.000  | 253152   | 0        | 3.770   | N.D. #    |
| 24) L5 AR-1248-4            | 0.000  | 5.596  | 0        | 7610620  | N.D.    | 114.254 # |
| 25) L5 AR-1248-5            | 6.908f | 0.000  | 193350   | 0        | 2.474   | N.D. #    |
| 29) L6 AR-1254-4            | 7.681  | 0.000  | 4193688  | 0        | 47.844  | N.D. #    |
| 30) L6 AR-1254-5            | 8.131f | 0.000  | 690864   | 0        | 7.204   | N.D. #    |
| 32) L7 AR-1260-2            | 7.818  | 6.838  | 46631982 | 822937   | 431.054 | 8.994 #   |
| 33) L7 AR-1260-3            | 8.212  | 0.000  | 61096    | 0        | 0.807   | N.D. #    |
| 36) L8 AR-1262-1            | 8.260  | 7.276f | 35761742 | 14419860 | 666.454 | 341.564 # |
| 39) L8 AR-1262-4            | 9.226  | 8.022f | 42469517 | 3389452  | 354.424 | 28.076 #  |
| 40) L8 AR-1262-5            | 0.000  | 8.571  | 0        | 4656972  | N.D.    | 84.309 #  |
| 42) L9 AR-1268-2            | 9.226  | 8.022f | 42469517 | 3389452  | 177.047 | 19.867 #  |
| 43) L9 AR-1268-3            | 0.000  | 8.247f | 0        | 10610131 | N.D.    | 73.430 #  |
| 44) L9 AR-1268-4            | 0.000  | 8.571  | 0        | 4656972  | N.D.    | 76.102 #  |
| 45) L9 AR-1268-5            | 10.406 | 8.912  | 26017193 | 3920167  | 40.235  | 9.205 #   |
| -----                       |        |        |          |          |         |           |

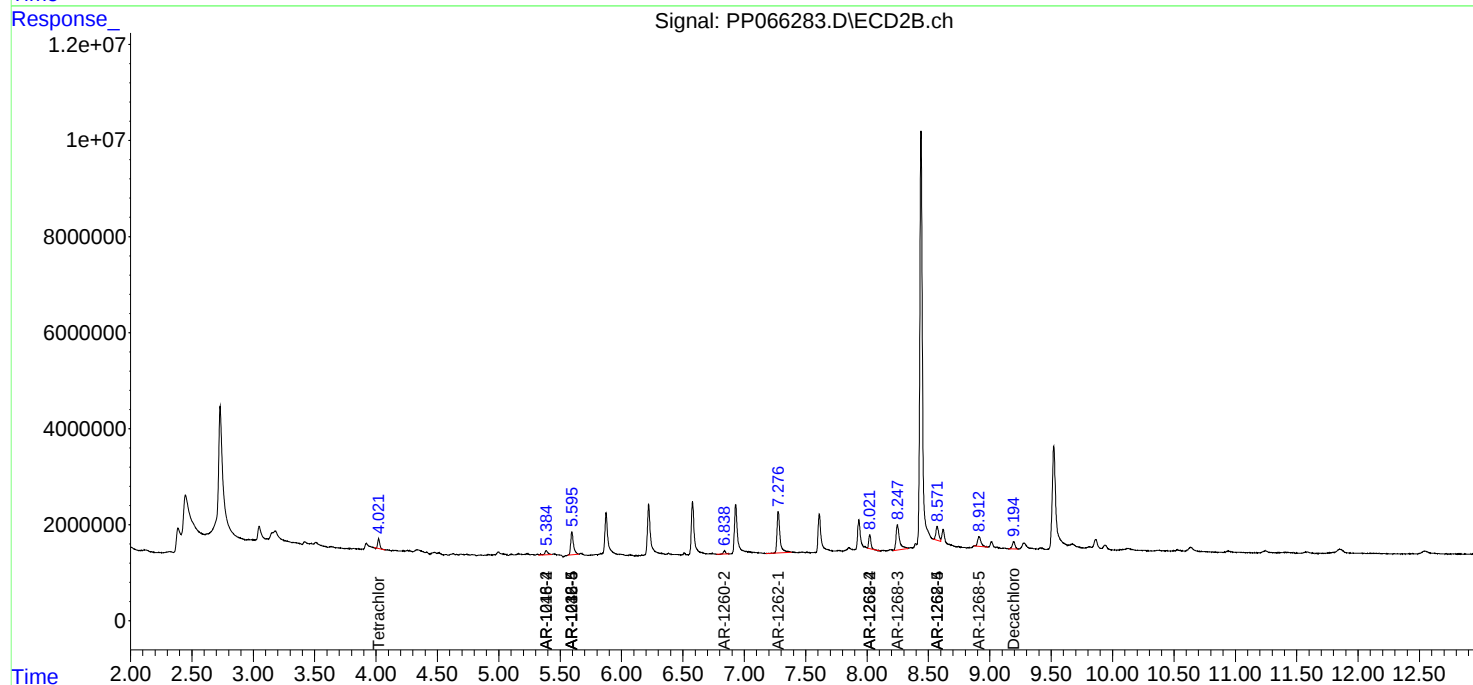
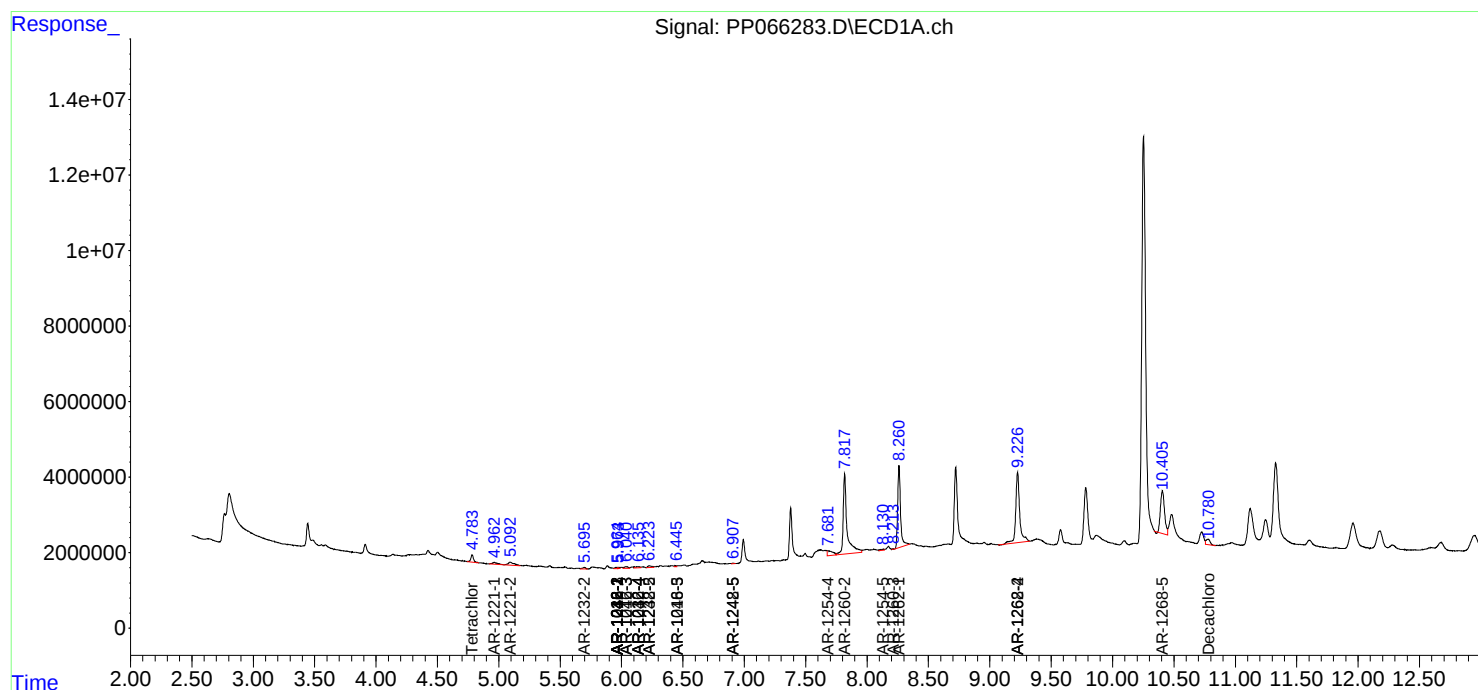
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

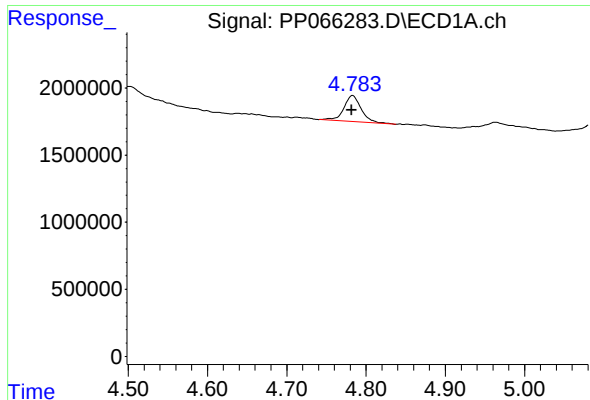
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP071124\  
Data File : PP066283.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Jul 2024 20:08  
Operator : YP\AJ  
Sample : P3209-10 10X  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
Y2308-0039-1-2

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 12 01:43:35 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP070124.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Jul 02 06:34:47 2024  
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

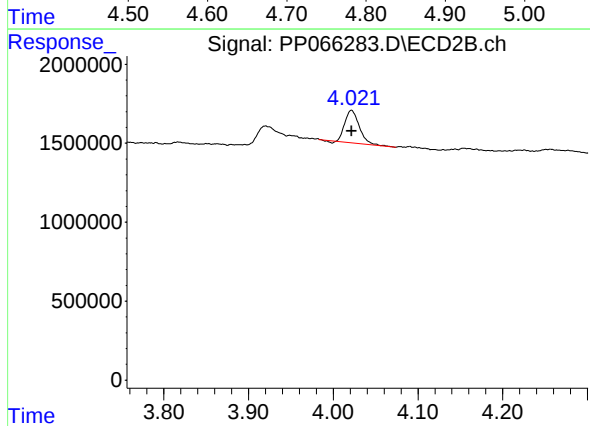




#1 Tetrachloro-m-xylene

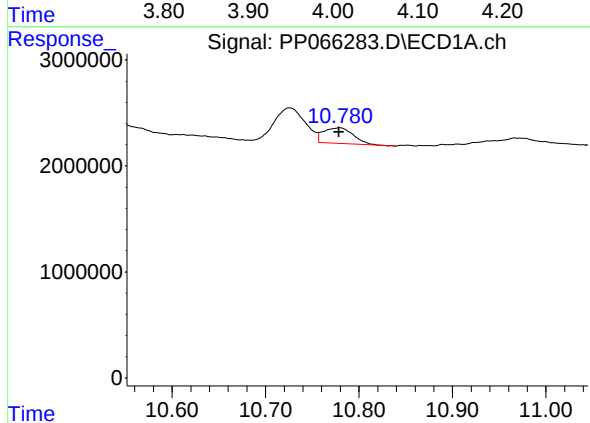
R.T.: 4.783 min  
Delta R.T.: 0.001 min  
Response: 2998688  
Conc: 1.70 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
Y2308-0039-1-2



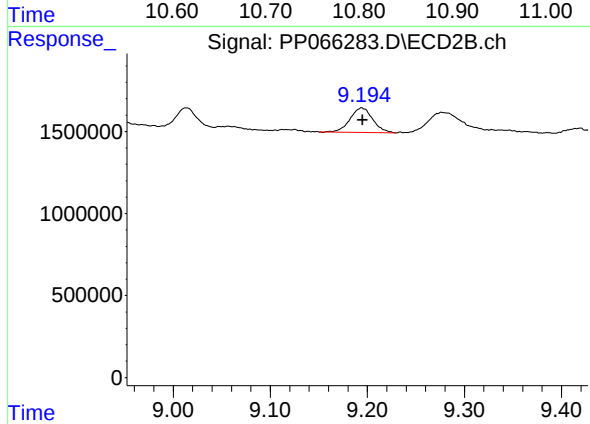
#1 Tetrachloro-m-xylene

R.T.: 4.021 min  
Delta R.T.: 0.000 min  
Response: 2424391  
Conc: 1.05 ng/ml



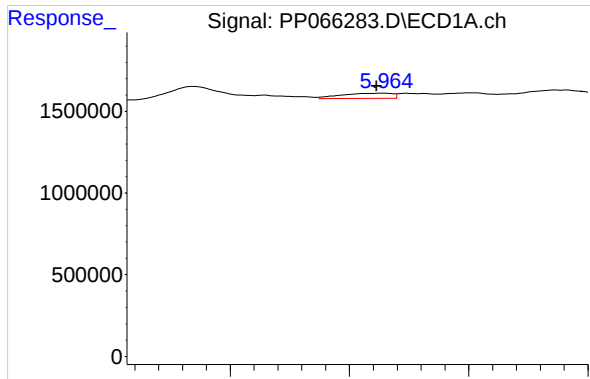
#2 Decachlorobiphenyl

R.T.: 10.779 min  
Delta R.T.: 0.000 min  
Response: 3268173  
Conc: 1.81 ng/ml



#2 Decachlorobiphenyl

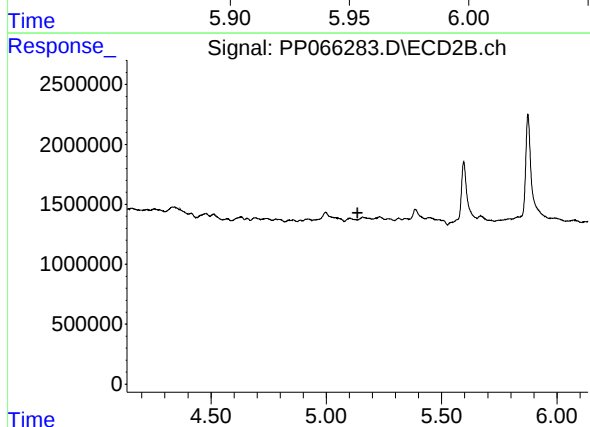
R.T.: 9.194 min  
Delta R.T.: -0.001 min  
Response: 2406924  
Conc: 2.12 ng/ml



#3 AR-1016-1

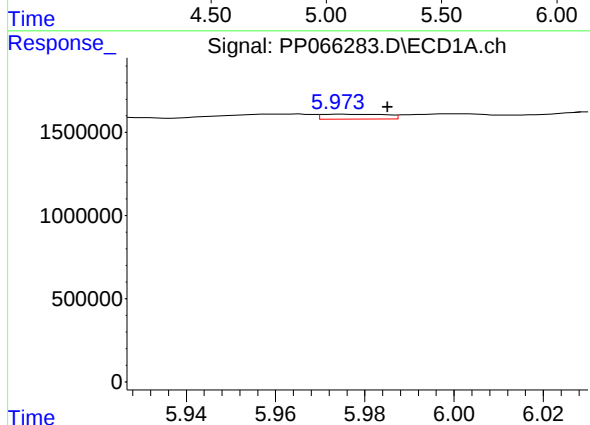
R.T.: 5.964 min  
Delta R.T.: 0.003 min  
Response: 469347  
Conc: 7.02 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
Y2308-0039-1-2



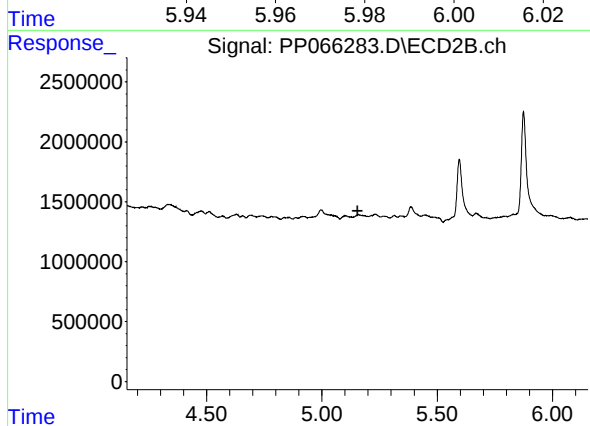
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 5.135 min  
Response: 0  
Conc: N.D.



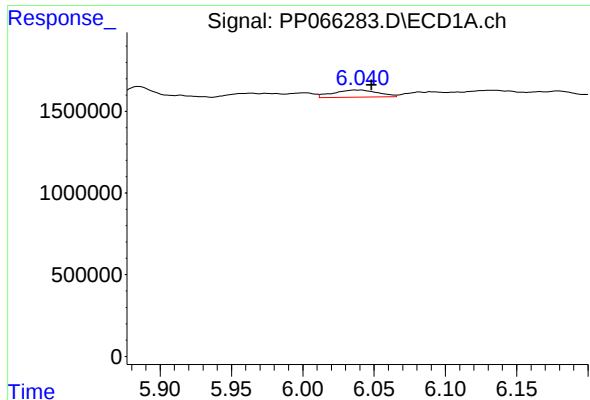
#4 AR-1016-2

R.T.: 5.975 min  
Delta R.T.: -0.011 min  
Response: 286399  
Conc: 2.90 ng/ml



#4 AR-1016-2

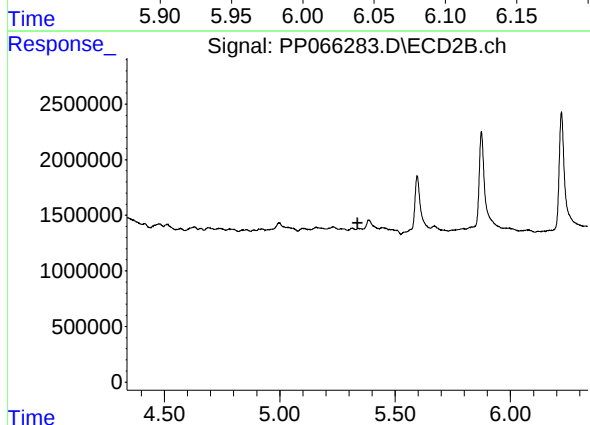
R.T.: 0.000 min  
Exp R.T. : 5.155 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

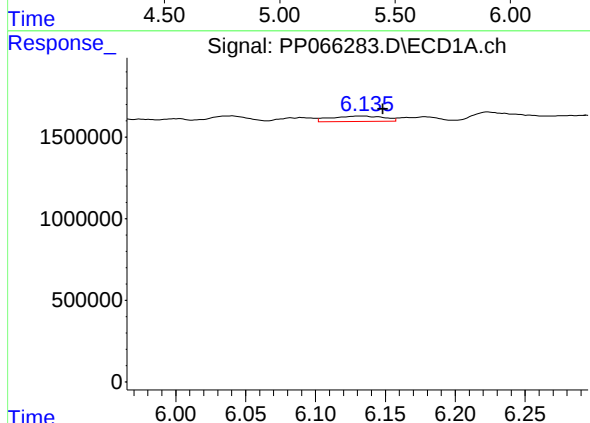
R.T.: 6.041 min  
Delta R.T.: -0.008 min  
Response: 940346  
Conc: 15.54 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
Y2308-0039-1-2



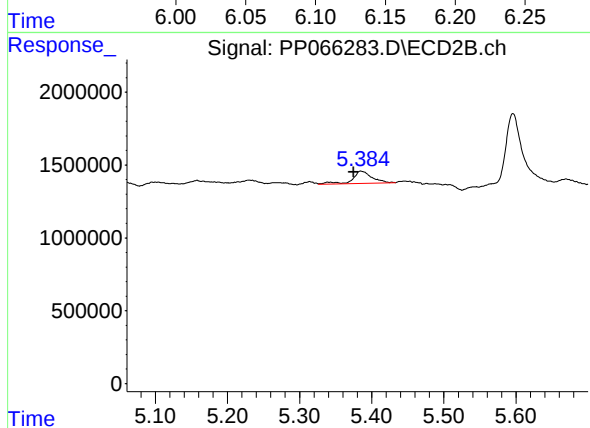
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T.: 5.337 min  
Response: 0  
Conc: N.D.



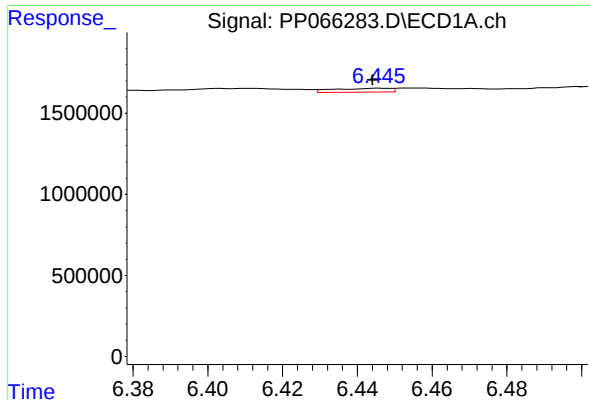
#6 AR-1016-4

R.T.: 6.135 min  
Delta R.T.: -0.014 min  
Response: 872456  
Conc: 17.47 ng/ml



#6 AR-1016-4

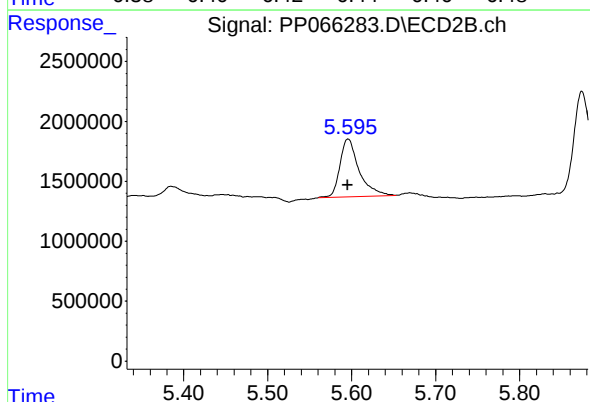
R.T.: 5.385 min  
Delta R.T.: 0.010 min  
Response: 1560598  
Conc: 38.93 ng/ml



#7 AR-1016-5

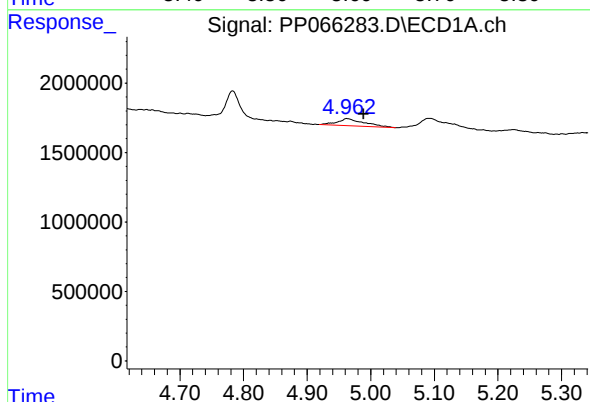
R.T.: 6.446 min  
Delta R.T.: 0.002 min  
Response: 253152  
Conc: 5.15 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
Y2308-0039-1-2



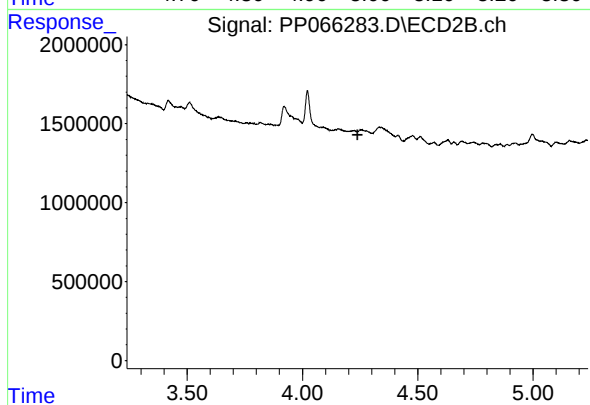
#7 AR-1016-5

R.T.: 5.596 min  
Delta R.T.: 0.000 min  
Response: 7610620  
Conc: 154.10 ng/ml



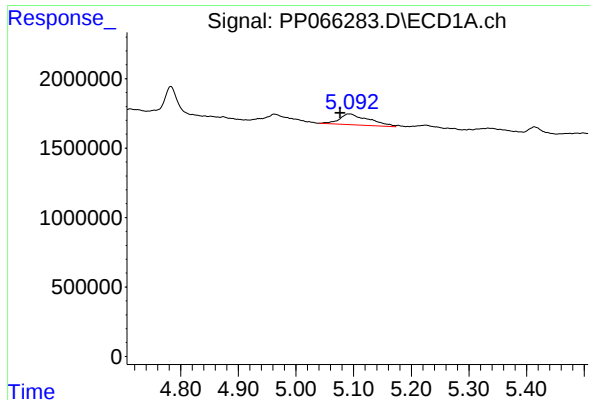
#8 AR-1221-1

R.T.: 4.963 min  
Delta R.T.: -0.026 min  
Response: 1554262  
Conc: 64.04 ng/ml



#8 AR-1221-1

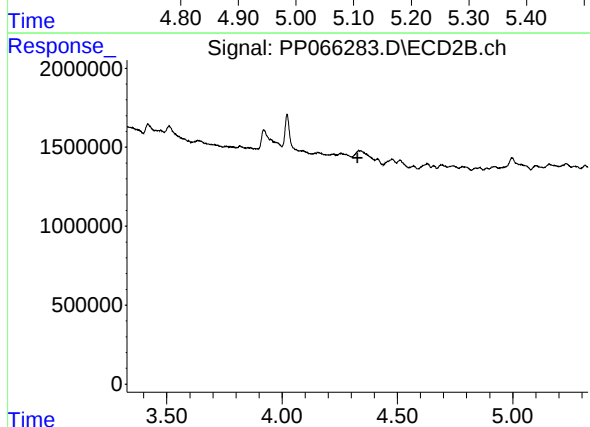
R.T.: 0.000 min  
Exp R.T.: 4.238 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

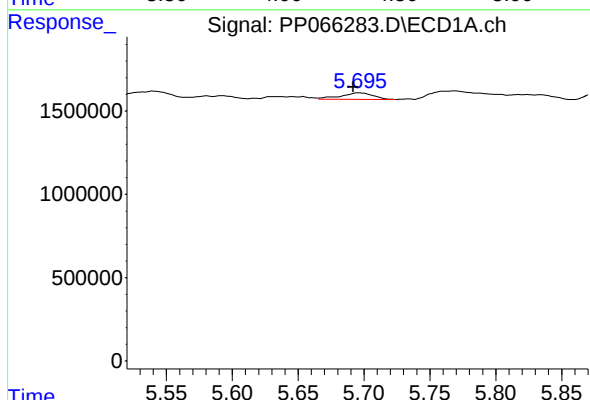
R.T.: 5.093 min  
Delta R.T.: 0.017 min  
Response: 2809012  
Conc: 153.53 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
Y2308-0039-1-2



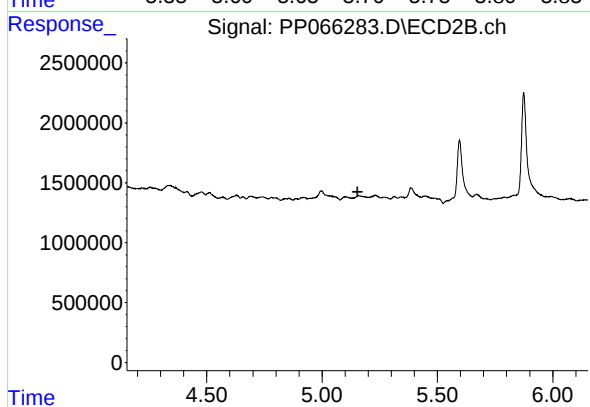
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T.: 4.327 min  
Response: 0  
Conc: N.D.



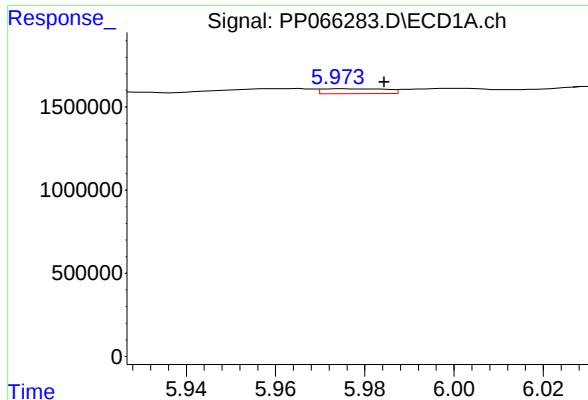
#12 AR-1232-2

R.T.: 5.696 min  
Delta R.T.: 0.004 min  
Response: 648249  
Conc: 25.94 ng/ml



#12 AR-1232-2

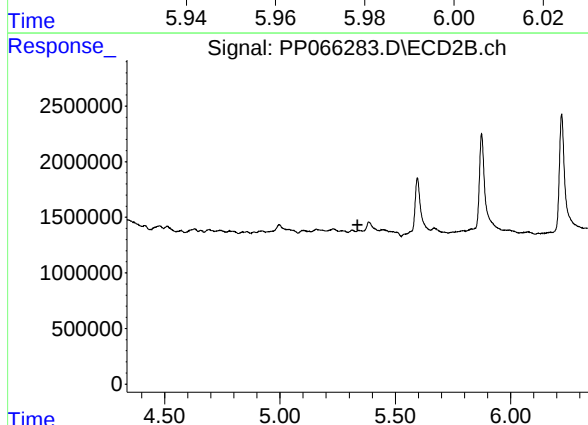
R.T.: 0.000 min  
Exp R.T.: 5.154 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

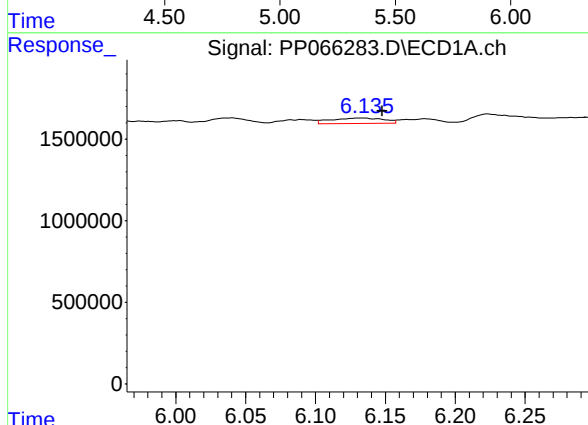
R.T.: 5.975 min  
Delta R.T.: -0.010 min  
Response: 286399  
Conc: 6.24 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
Y2308-0039-1-2



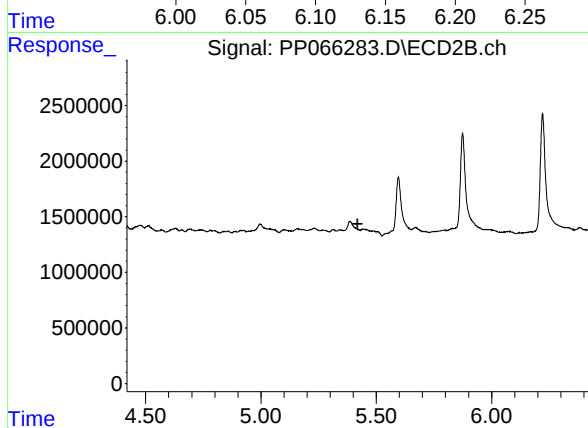
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T.: 5.336 min  
Response: 0  
Conc: N.D.



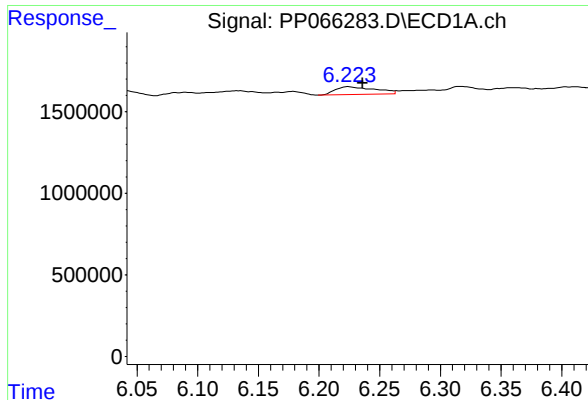
#14 AR-1232-4

R.T.: 6.135 min  
Delta R.T.: -0.013 min  
Response: 872456  
Conc: 32.22 ng/ml



#14 AR-1232-4

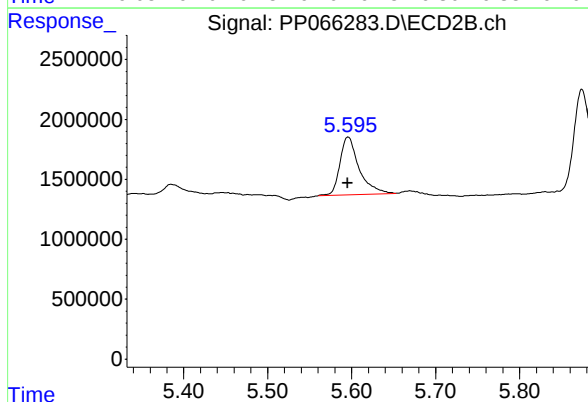
R.T.: 0.000 min  
Exp R.T.: 5.419 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

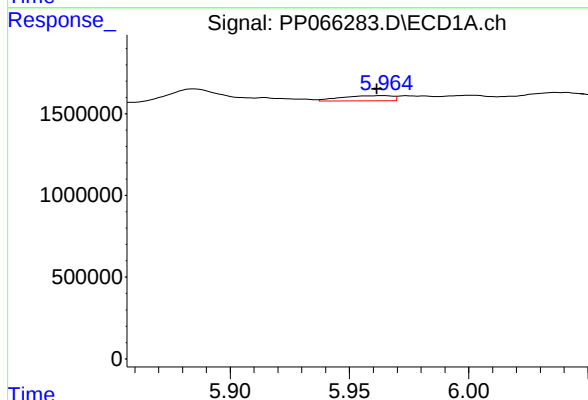
R.T.: 6.224 min  
Delta R.T.: -0.012 min  
Response: 1097229  
Conc: 58.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
Y2308-0039-1-2



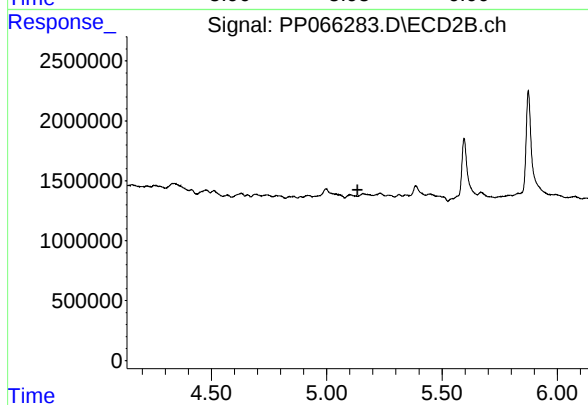
#15 AR-1232-5

R.T.: 5.596 min  
Delta R.T.: 0.000 min  
Response: 7610620  
Conc: 330.86 ng/ml



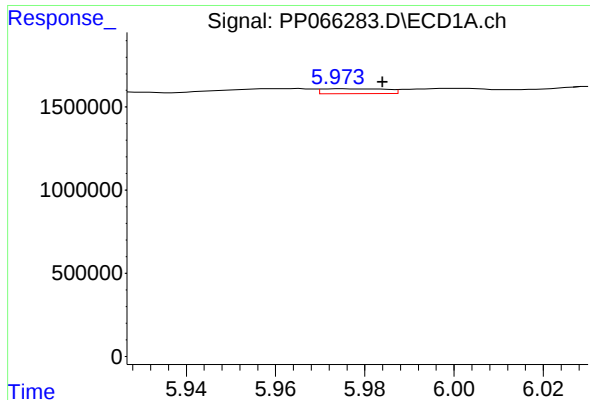
#16 AR-1242-1

R.T.: 5.964 min  
Delta R.T.: 0.003 min  
Response: 469347  
Conc: 8.66 ng/ml



#16 AR-1242-1

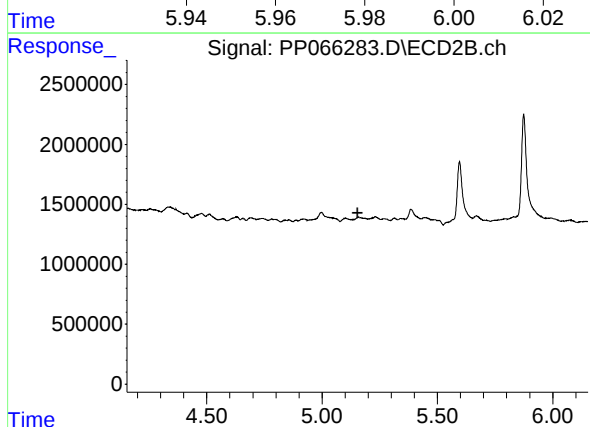
R.T.: 0.000 min  
Exp R.T. : 5.134 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

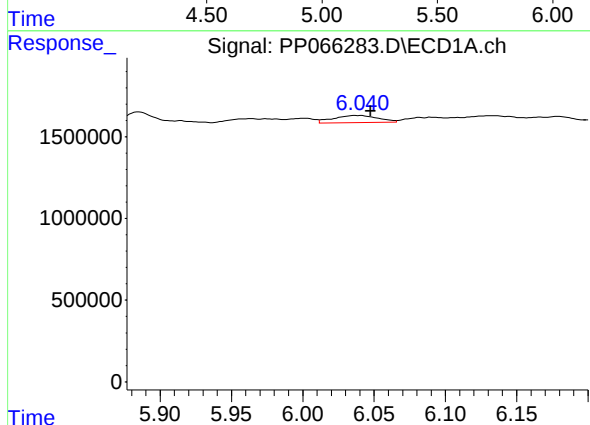
R.T.: 5.975 min  
Delta R.T.: -0.010 min  
Response: 286399  
Conc: 3.56 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
Y2308-0039-1-2



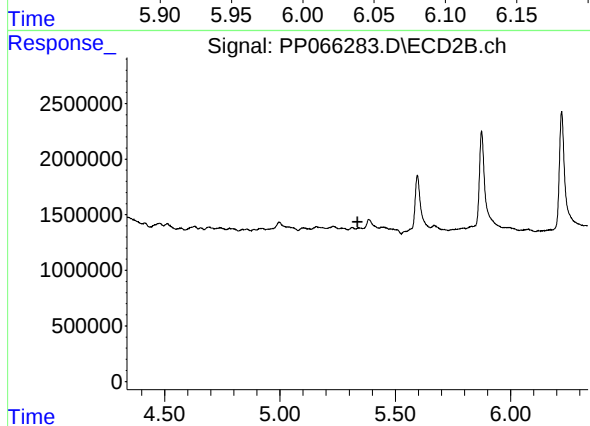
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T.: 5.154 min  
Response: 0  
Conc: N.D.



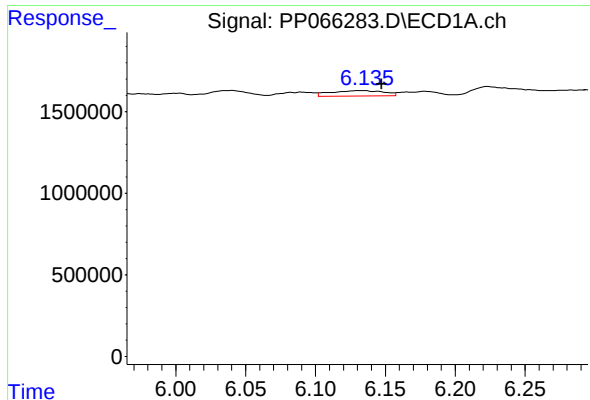
#18 AR-1242-3

R.T.: 6.041 min  
Delta R.T.: -0.007 min  
Response: 940346  
Conc: 19.34 ng/ml



#18 AR-1242-3

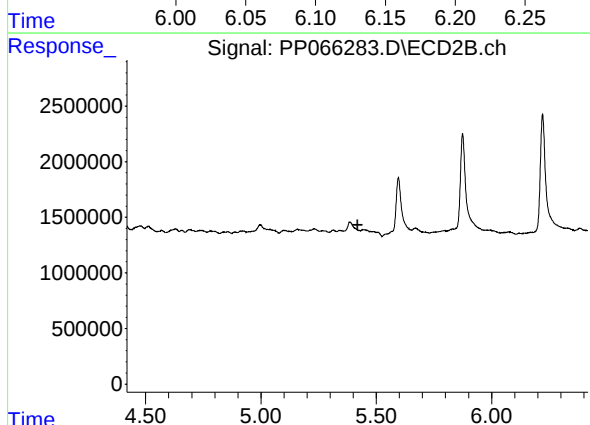
R.T.: 0.000 min  
Exp R.T.: 5.336 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

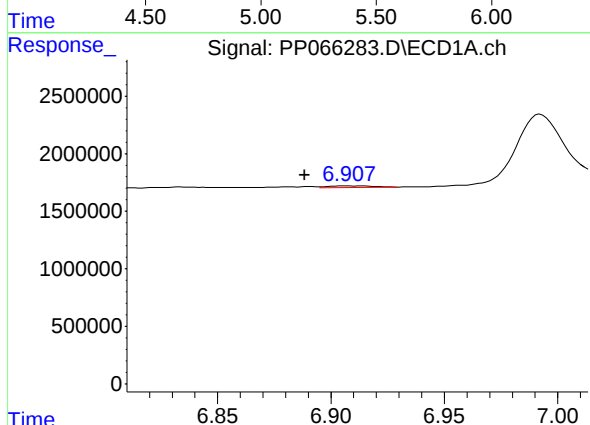
R.T.: 6.135 min  
Delta R.T.: -0.013 min  
Response: 872456  
Conc: 21.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
Y2308-0039-1-2



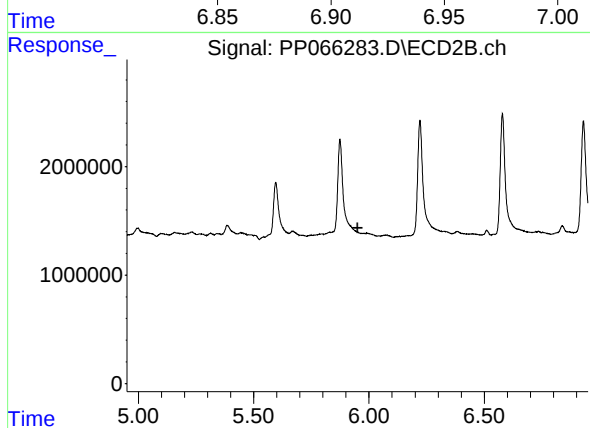
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 5.418 min  
Response: 0  
Conc: N.D.



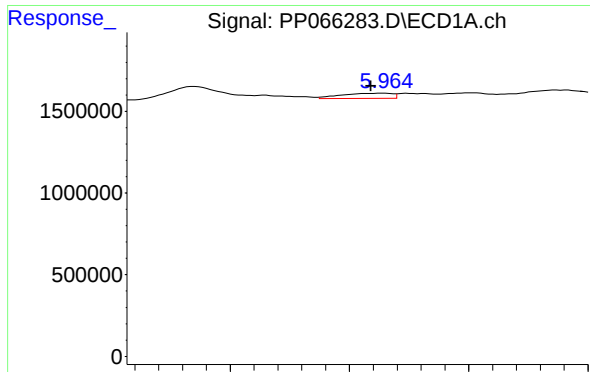
#20 AR-1242-5

R.T.: 6.908 min  
Delta R.T.: 0.019 min  
Response: 193350  
Conc: 3.93 ng/ml



#20 AR-1242-5

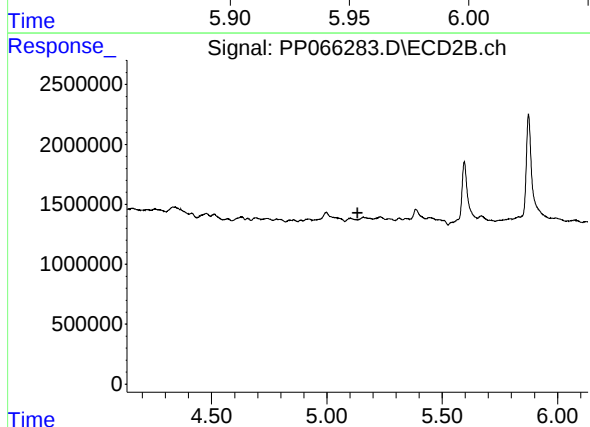
R.T.: 0.000 min  
Exp R.T. : 5.950 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

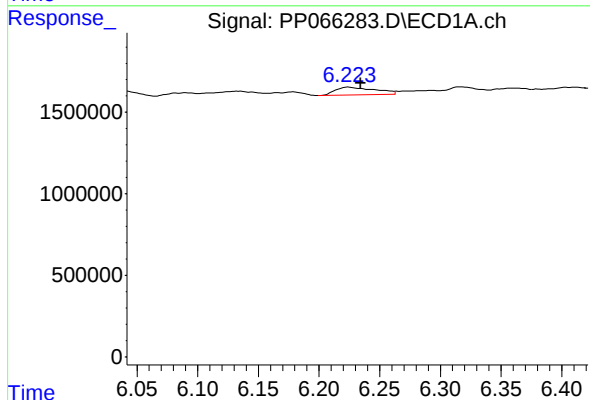
R.T.: 5.964 min  
Delta R.T.: 0.005 min  
Response: 469347  
Conc: 11.21 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
Y2308-0039-1-2



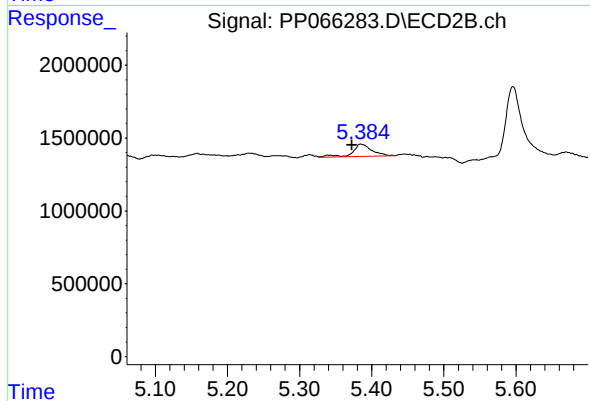
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T.: 5.133 min  
Response: 0  
Conc: N.D.



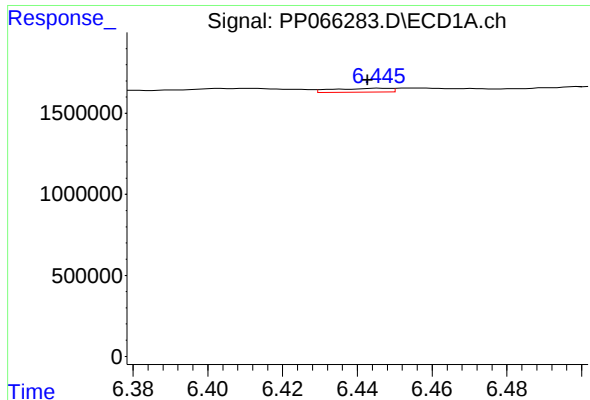
#22 AR-1248-2

R.T.: 6.224 min  
Delta R.T.: -0.011 min  
Response: 1097229  
Conc: 17.21 ng/ml



#22 AR-1248-2

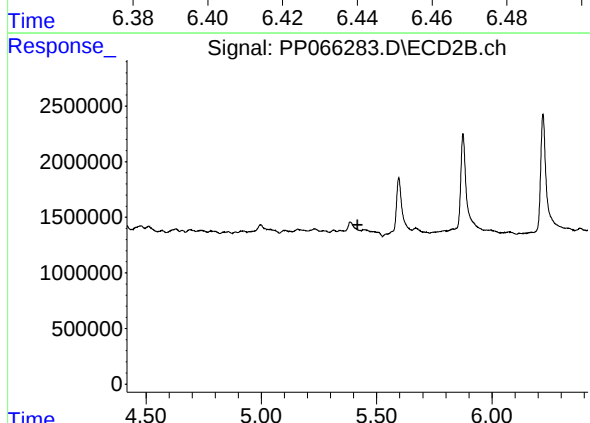
R.T.: 5.385 min  
Delta R.T.: 0.012 min  
Response: 1560598  
Conc: 27.45 ng/ml



#23 AR-1248-3

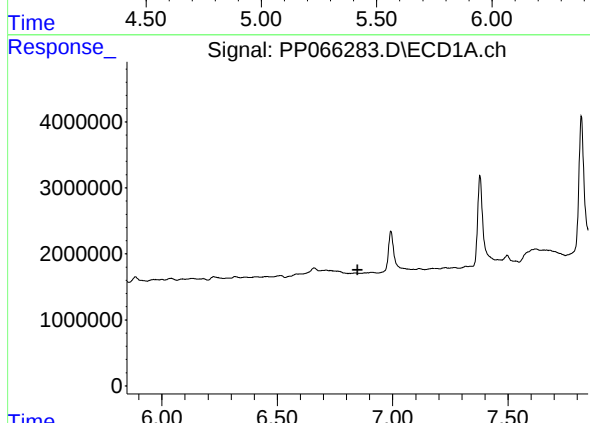
R.T.: 6.446 min  
Delta R.T.: 0.003 min  
Response: 253152  
Conc: 3.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
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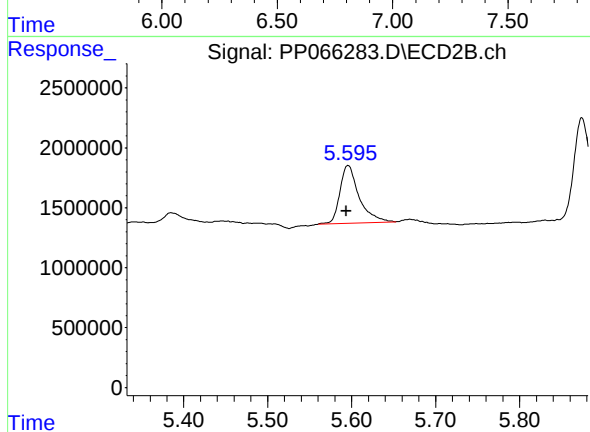
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 5.417 min  
Response: 0  
Conc: N.D.



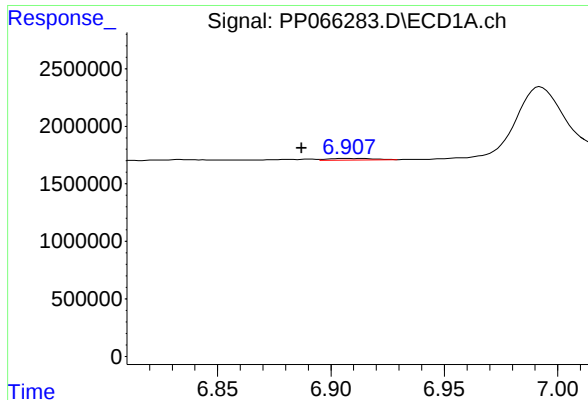
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 6.848 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

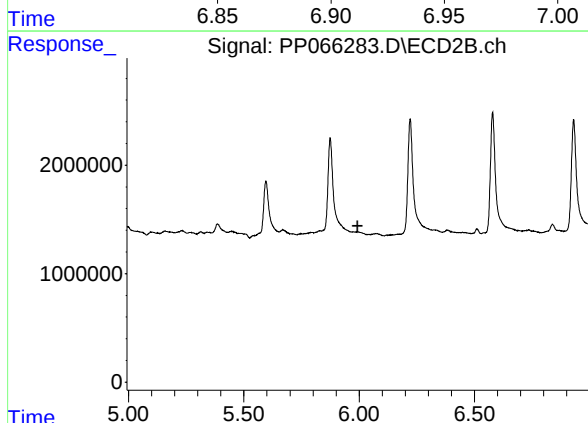
R.T.: 5.596 min  
Delta R.T.: 0.002 min  
Response: 7610620  
Conc: 114.25 ng/ml



#25 AR-1248-5

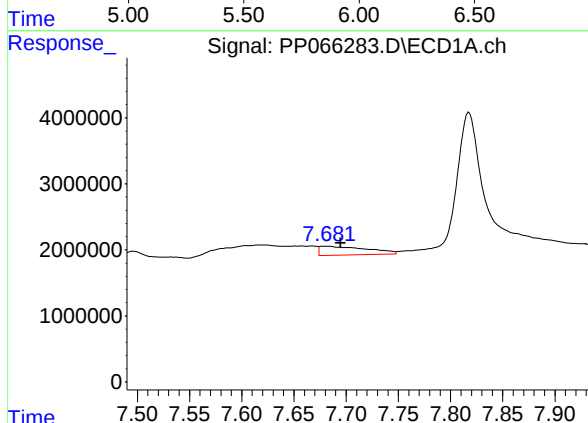
R.T.: 6.908 min  
Delta R.T.: 0.020 min  
Response: 193350  
Conc: 2.47 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
Y2308-0039-1-2



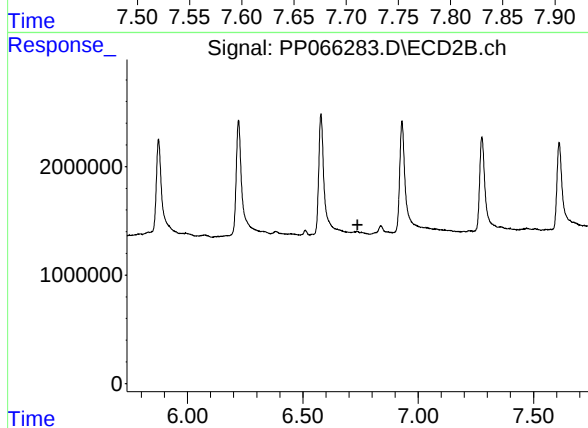
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 5.993 min  
Response: 0  
Conc: N.D.



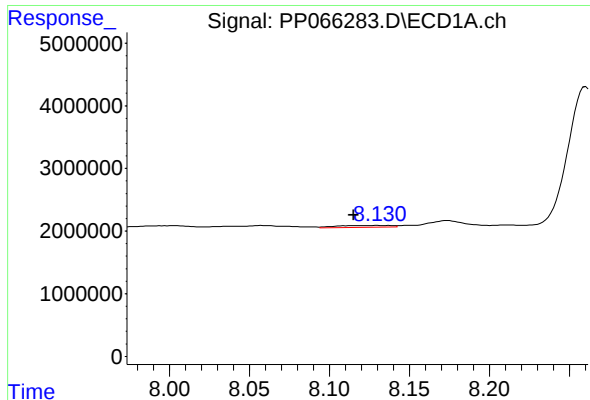
#29 AR-1254-4

R.T.: 7.681 min  
Delta R.T.: -0.013 min  
Response: 4193688  
Conc: 47.84 ng/ml



#29 AR-1254-4

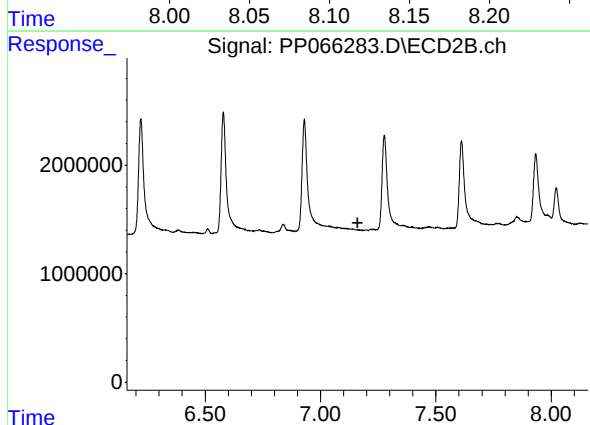
R.T.: 0.000 min  
Exp R.T. : 6.737 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

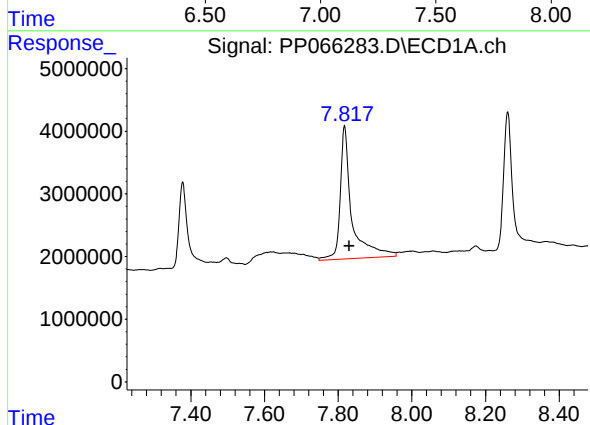
R.T.: 8.131 min  
Delta R.T.: 0.015 min  
Response: 690864  
Conc: 7.20 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
Y2308-0039-1-2



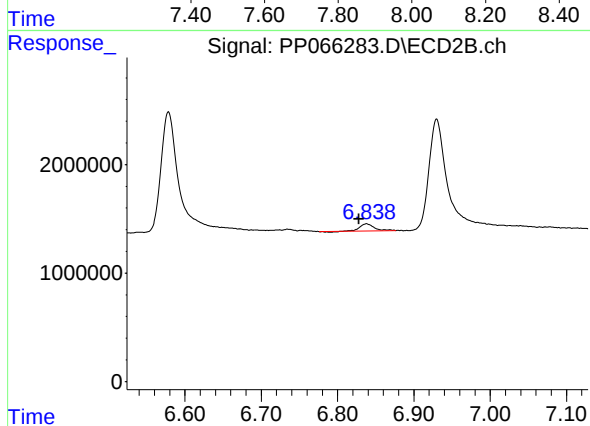
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T.: 7.160 min  
Response: 0  
Conc: N.D.



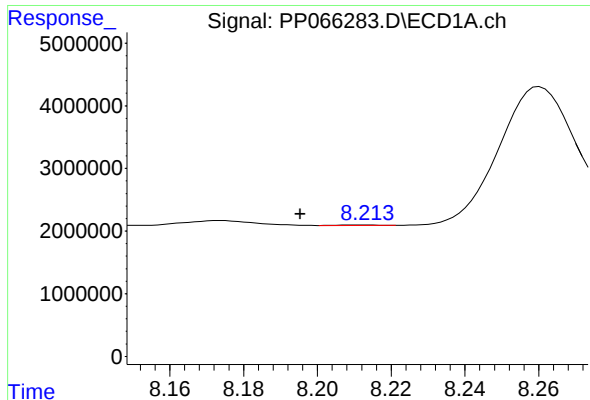
#32 AR-1260-2

R.T.: 7.818 min  
Delta R.T.: -0.012 min  
Response: 46631982  
Conc: 431.05 ng/ml



#32 AR-1260-2

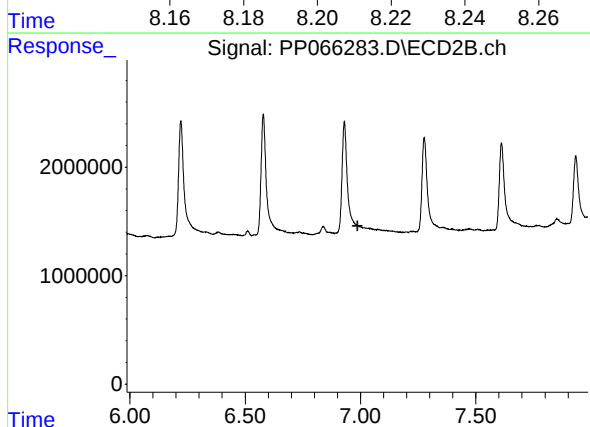
R.T.: 6.838 min  
Delta R.T.: 0.010 min  
Response: 822937  
Conc: 8.99 ng/ml



#33 AR-1260-3

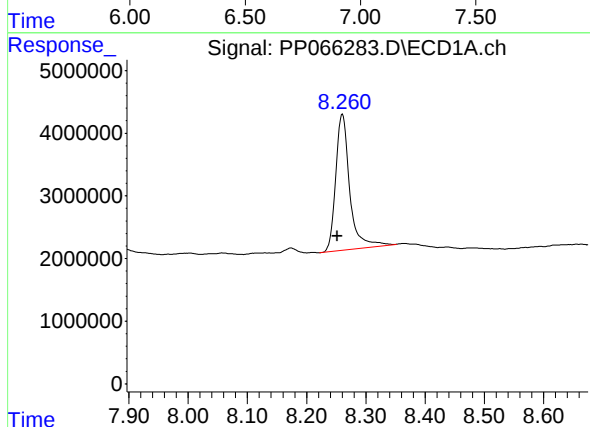
R.T.: 8.212 min  
Delta R.T.: 0.017 min  
Response: 61096  
Conc: 0.81 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
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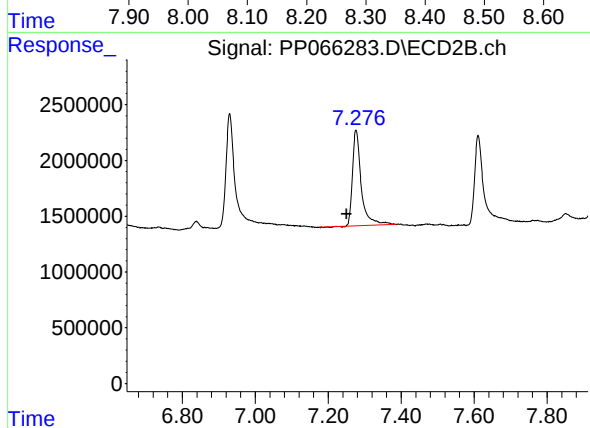
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T.: 6.987 min  
Response: 0  
Conc: N.D.



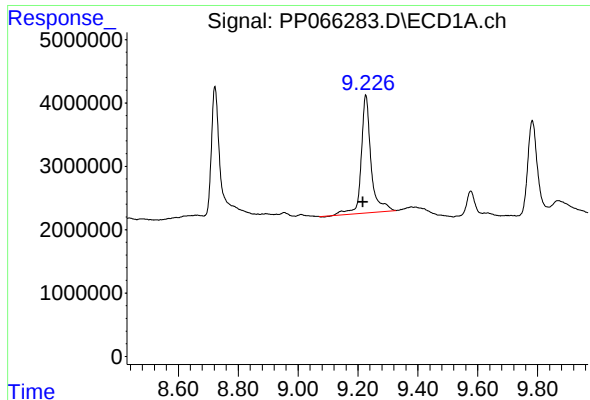
#36 AR-1262-1

R.T.: 8.260 min  
Delta R.T.: 0.008 min  
Response: 35761742  
Conc: 666.45 ng/ml



#36 AR-1262-1

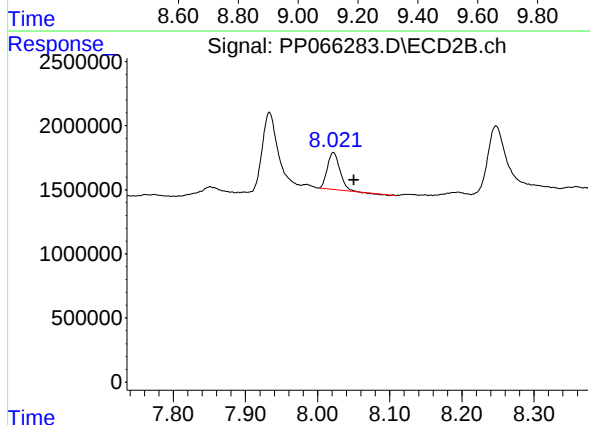
R.T.: 7.276 min  
Delta R.T.: 0.026 min  
Response: 14419860  
Conc: 341.56 ng/ml



#39 AR-1262-4

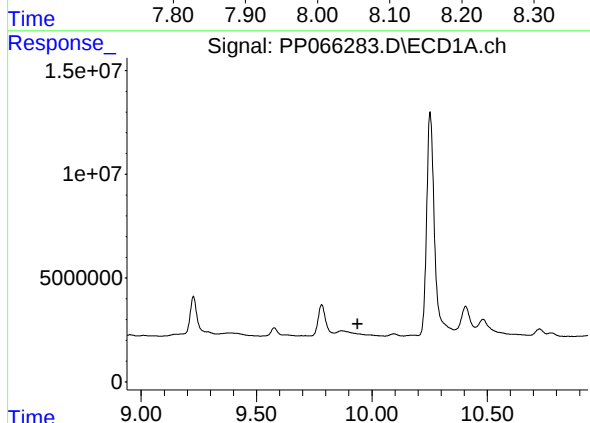
R.T.: 9.226 min  
Delta R.T.: 0.009 min  
Response: 42469517  
Conc: 354.42 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
Y2308-0039-1-2



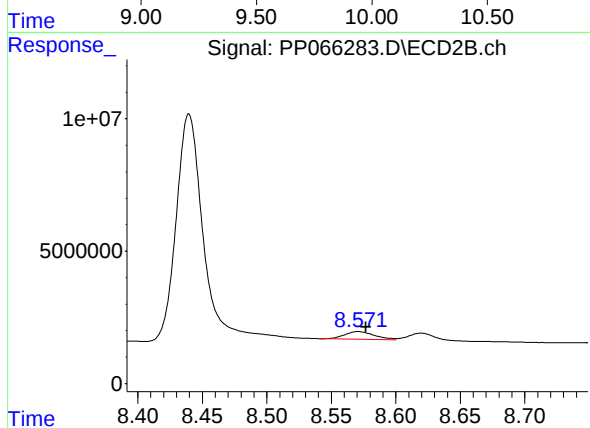
#39 AR-1262-4

R.T.: 8.022 min  
Delta R.T.: -0.029 min  
Response: 3389452  
Conc: 28.08 ng/ml



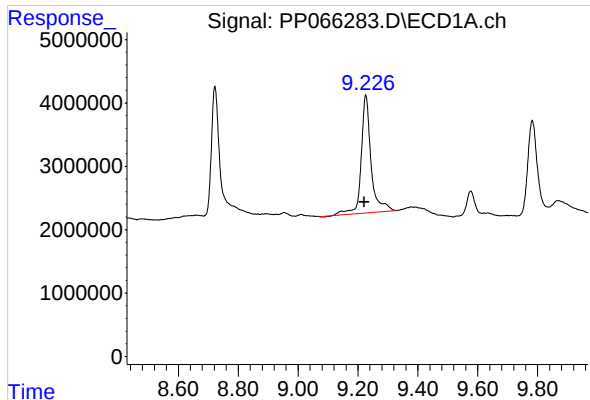
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T.: 9.938 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

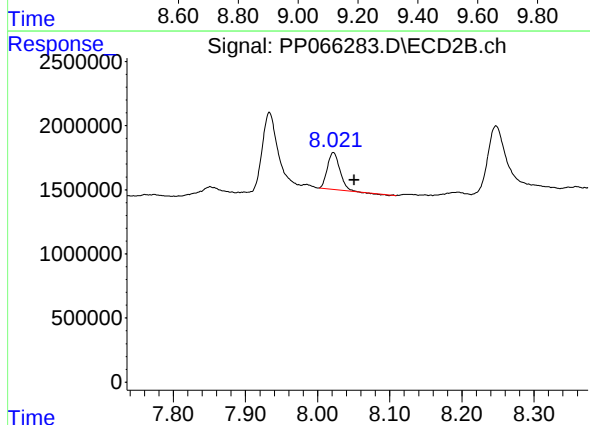
R.T.: 8.571 min  
Delta R.T.: -0.006 min  
Response: 4656972  
Conc: 84.31 ng/ml



#42 AR-1268-2

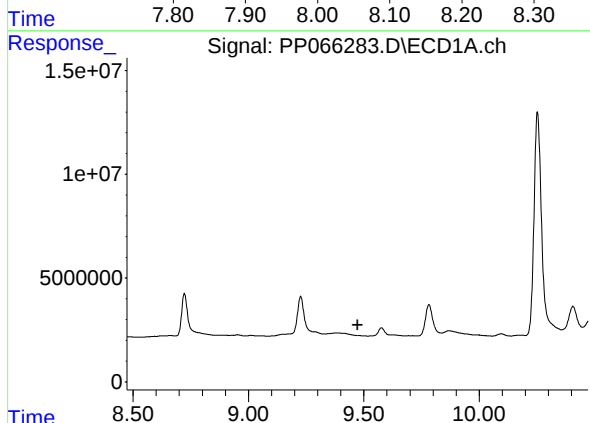
R.T.: 9.226 min  
Delta R.T.: 0.006 min  
Response: 42469517  
Conc: 177.05 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
Y2308-0039-1-2



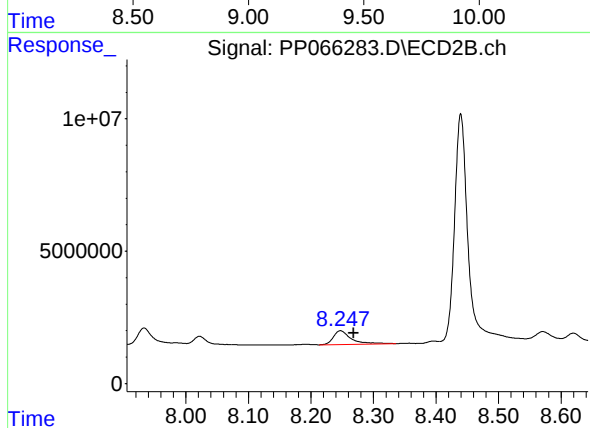
#42 AR-1268-2

R.T.: 8.022 min  
Delta R.T.: -0.029 min  
Response: 3389452  
Conc: 19.87 ng/ml



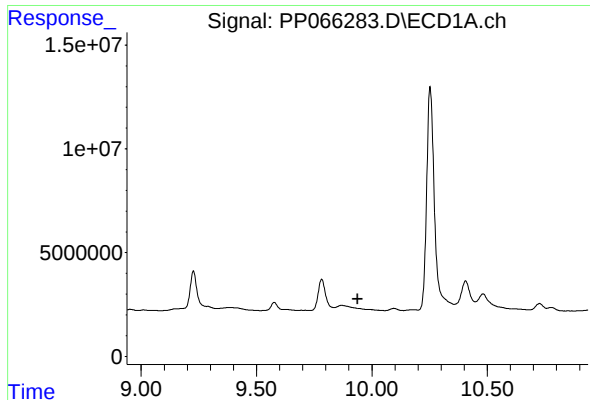
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T.: 9.473 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

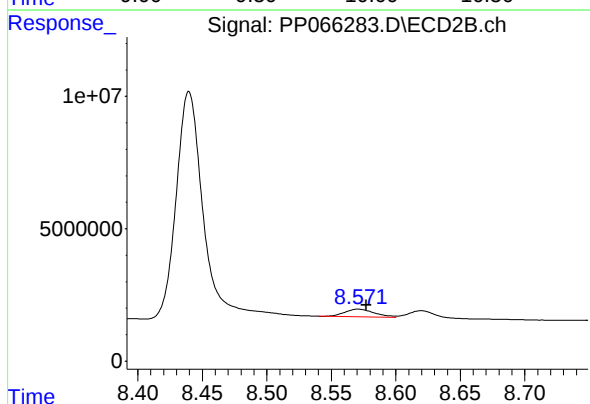
R.T.: 8.247 min  
Delta R.T.: -0.021 min  
Response: 10610131  
Conc: 73.43 ng/ml



#44 AR-1268-4

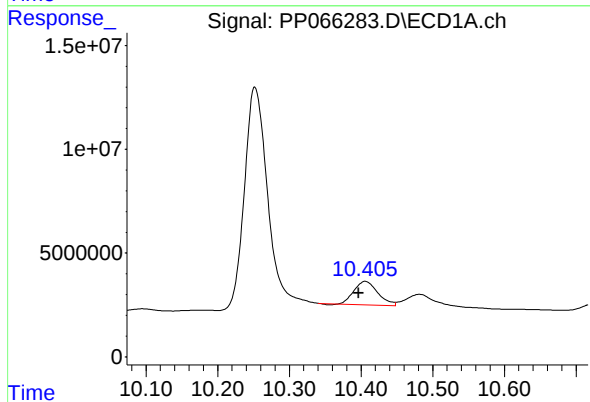
R.T.: 0.000 min  
Exp R.T.: 9.937 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
Y2308-0039-1-2



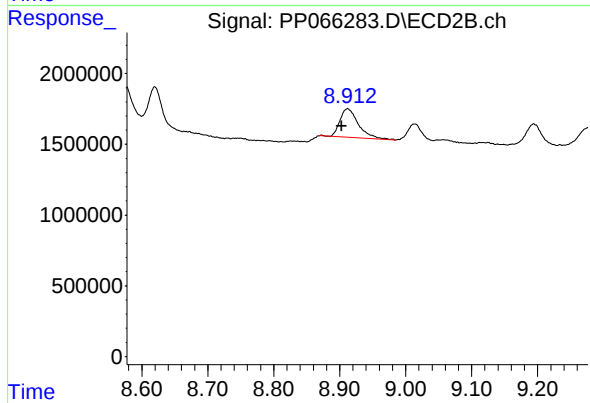
#44 AR-1268-4

R.T.: 8.571 min  
Delta R.T.: -0.006 min  
Response: 4656972  
Conc: 76.10 ng/ml



#45 AR-1268-5

R.T.: 10.406 min  
Delta R.T.: 0.009 min  
Response: 26017193  
Conc: 40.23 ng/ml



#45 AR-1268-5

R.T.: 8.912 min  
Delta R.T.: 0.009 min  
Response: 3920167  
Conc: 9.20 ng/ml