

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP081821\  
 Data File : PP038565.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 18 Aug 2021 22:44  
 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: Aug 19 02:56:35 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP081721.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Aug 18 04:51:26 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... | 4.886  | 3.872 | 2039376 | 1242630 | 50.532  | 51.854   |
| 2)                          | SA Decachlor... | 10.871 | 9.131 | 1308766 | 1249493 | 53.194  | 51.302   |
| Target Compounds            |                 |        |       |         |         |         |          |
| 3)                          | L1 AR-1016-1    | 6.205  | 5.115 | 480555  | 332403  | 370.328 | 381.346  |
| 4)                          | L1 AR-1016-2    | 6.228  | 5.135 | 686629  | 470597  | 371.552 | 378.400  |
| 5)                          | L1 AR-1016-3    | 6.293  | 5.324 | 433893  | 253509  | 379.756 | 372.290  |
| 6)                          | L1 AR-1016-4    | 6.401  | 5.378 | 357204  | 187089  | 383.010 | 357.257  |
| 7)                          | L1 AR-1016-5    | 6.716  | 5.604 | 328691  | 251865  | 387.749 | 379.740  |
| 8)                          | L2 AR-1221-1    | 5.131  | 4.125 | 58922   | 37686   | 125.995 | 137.747  |
| 9)                          | L2 AR-1221-2    | 5.236  | 4.224 | 89662   | 56461   | 253.100 | 263.925  |
| 10)                         | L2 AR-1221-3    | 5.323  | 4.311 | 320001  | 198798  | 300.473 | 294.420  |
| 11)                         | L3 AR-1232-1    | 5.323  | 4.311 | 320001  | 198798  | 323.553 | 320.060  |
| 12)                         | L3 AR-1232-2    | 5.909  | 5.135 | 376276  | 470597  | 808.057 | 824.515  |
| 13)                         | L3 AR-1232-3    | 6.228  | 5.324 | 686629  | 253509  | 804.241 | 867.241  |
| 14)                         | L3 AR-1232-4    | 6.401  | 5.422 | 357204  | 236588  | 843.638 | 956.226  |
| 15)                         | L3 AR-1232-5    | 6.498  | 5.604 | 253507  | 251865  | 943.411 | 931.560  |
| 16)                         | L4 AR-1242-1    | 6.205  | 5.115 | 480555  | 332403  | 482.452 | 481.437  |
| 17)                         | L4 AR-1242-2    | 6.228  | 5.135 | 686629  | 470597  | 477.825 | 482.085  |
| 18)                         | L4 AR-1242-3    | 6.293  | 5.324 | 433893  | 253509  | 484.662 | 482.088  |
| 19)                         | L4 AR-1242-4    | 6.401  | 5.422 | 357204  | 236588  | 487.821 | 494.951  |
| 20)                         | L4 AR-1242-5    | 7.184  | 5.983 | 343818  | 286481  | 480.893 | 462.777  |
| 21)                         | L5 AR-1248-1    | 6.205  | 5.115 | 480555  | 332403  | 603.099 | 610.011  |
| 22)                         | L5 AR-1248-2    | 6.498  | 5.378 | 253507  | 187089  | 258.563 | 251.728  |
| 23)                         | L5 AR-1248-3    | 6.716  | 5.422 | 328691  | 236588  | 284.748 | 311.562  |
| 24)                         | L5 AR-1248-4    | 7.144  | 5.604 | 327197  | 251865  | 264.967 | 272.297  |
| 25)                         | L5 AR-1248-5    | 7.184  | 6.025 | 343818  | 236059  | 281.202 | 261.446  |
| 26)                         | L6 AR-1254-1    | 7.113  | 5.983 | 256927  | 286481  | 225.174 | 218.141  |
| 27)                         | L6 AR-1254-2    | 7.349  | 6.143 | 281838  | 69777   | 163.209 | 60.793 # |
| 28)                         | L6 AR-1254-3    | 7.725  | 6.560 | 131188  | 100569  | 73.080  | 54.048 # |
| 29)                         | L6 AR-1254-4    | 8.021  | 6.800 | 81105   | 70754   | 62.856  | 60.544   |
| 30)                         | L6 AR-1254-5    | 8.450  | 0.000 | 11513   | 0       | 9.309   | N.D. #   |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.705 | 0       | 57133   | N.D.    | 48.824 # |
| 32)                         | L7 AR-1260-2    | 8.139f | 0.000 | 54671   | 0       | 37.263  | N.D. #   |
| -----                       |                 |        |       |         |         |         |          |

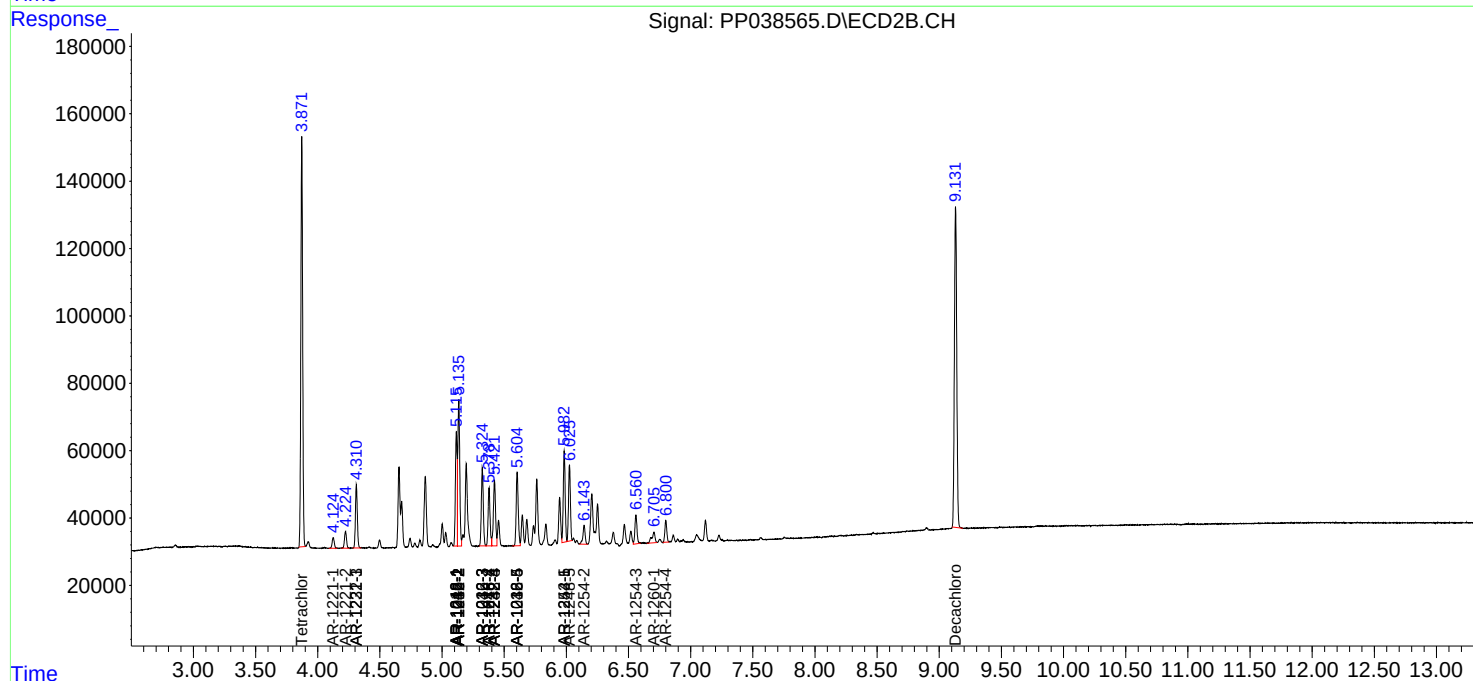
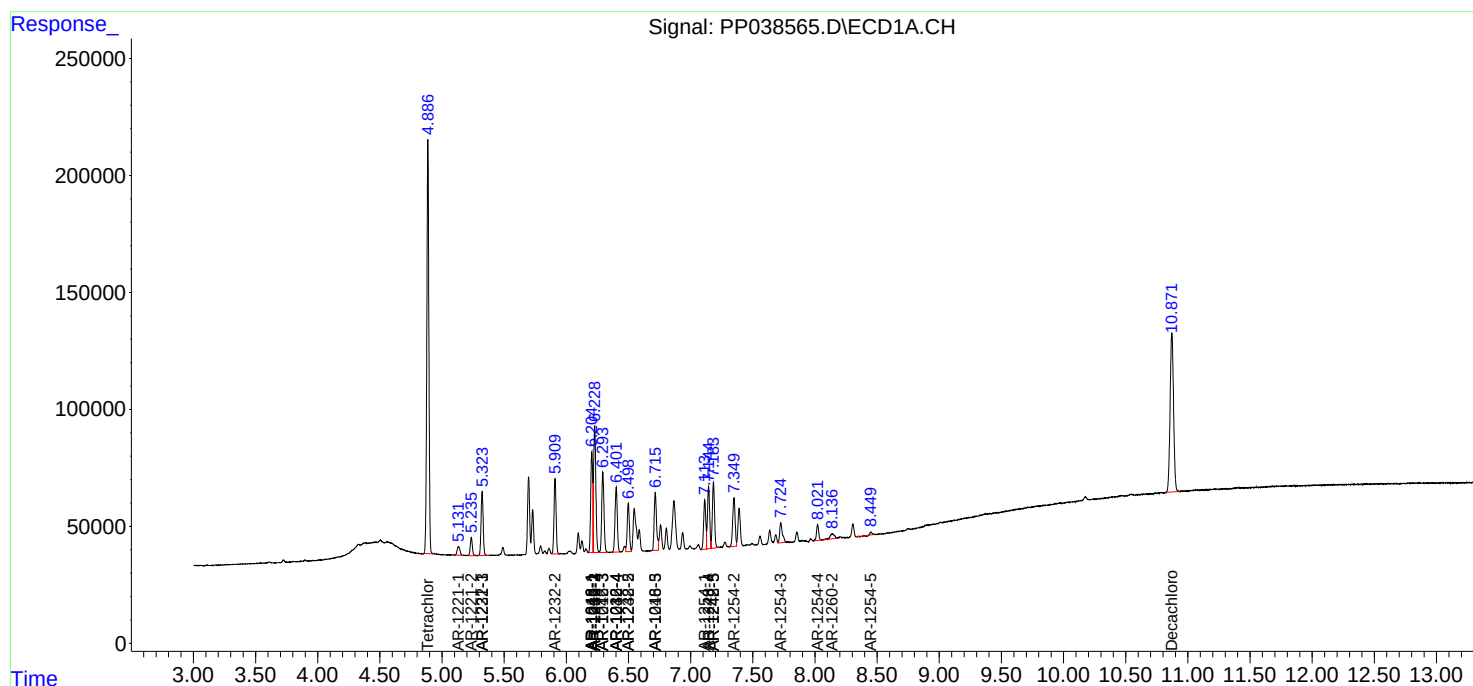
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

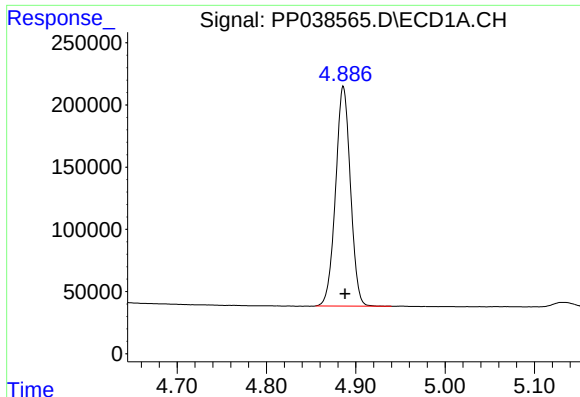
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP081821\  
Data File : PP038565.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 18 Aug 2021 22:44  
Operator : AJ\MA  
Sample : AR1242CCC500  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 19 02:56:35 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP081721.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Aug 18 04:51:26 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

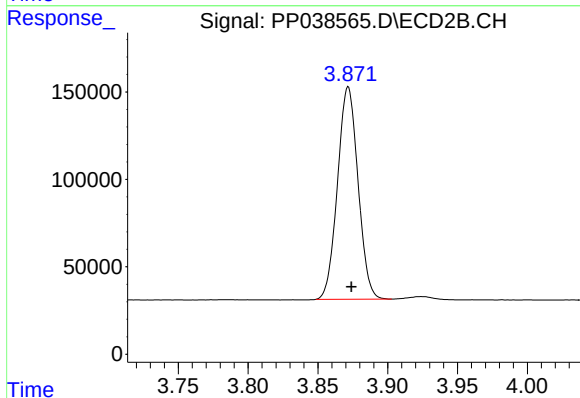




#1 Tetrachloro-m-xylene

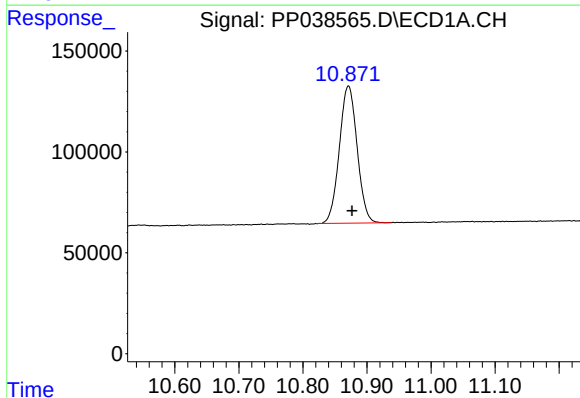
R.T.: 4.886 min  
Delta R.T.: -0.002 min  
Response: 2039376  
Conc: 50.53 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



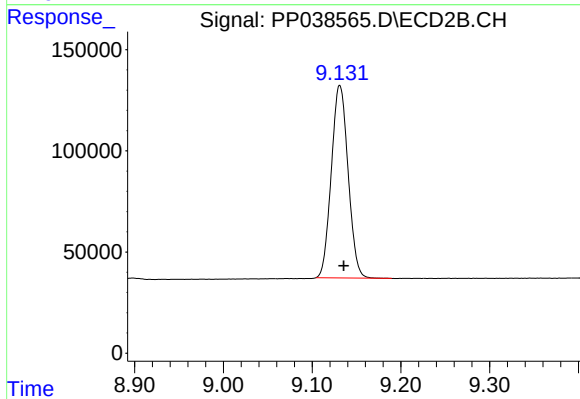
#1 Tetrachloro-m-xylene

R.T.: 3.872 min  
Delta R.T.: -0.002 min  
Response: 1242630  
Conc: 51.85 ng/ml



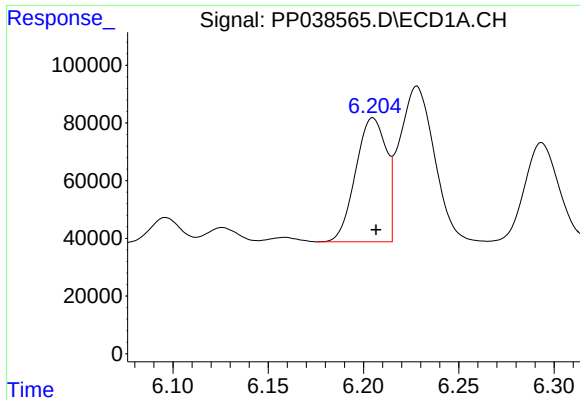
#2 Decachlorobiphenyl

R.T.: 10.871 min  
Delta R.T.: -0.006 min  
Response: 1308766  
Conc: 53.19 ng/ml



#2 Decachlorobiphenyl

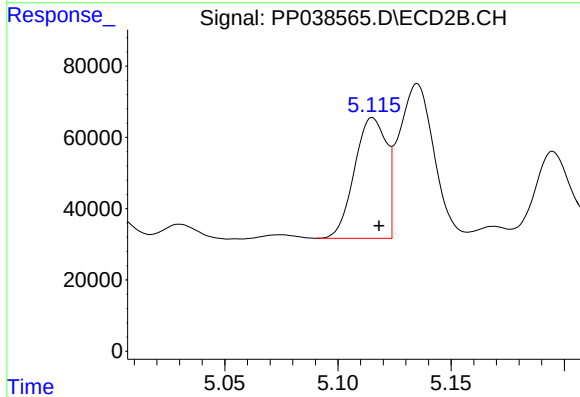
R.T.: 9.131 min  
Delta R.T.: -0.004 min  
Response: 1249493  
Conc: 51.30 ng/ml



#3 AR-1016-1

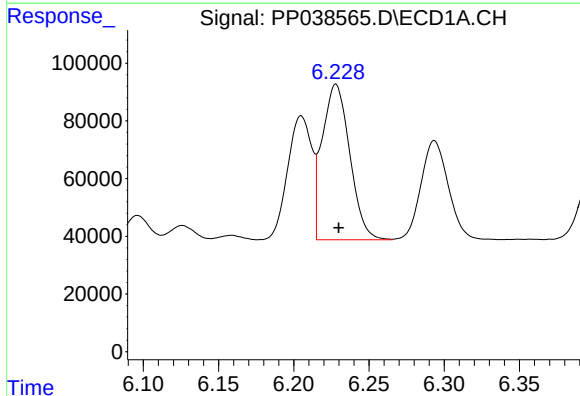
R.T.: 6.205 min  
Delta R.T.: -0.002 min  
Response: 480555  
Conc: 370.33 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



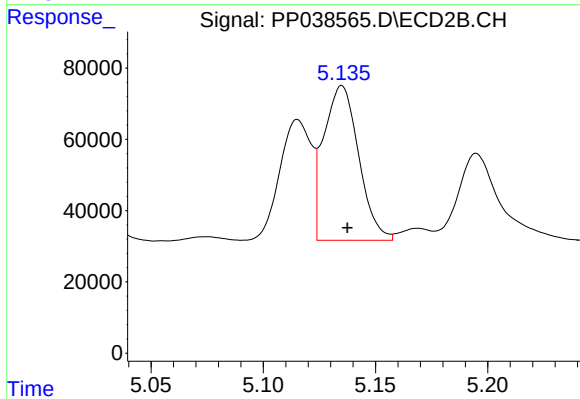
#3 AR-1016-1

R.T.: 5.115 min  
Delta R.T.: -0.003 min  
Response: 332403  
Conc: 381.35 ng/ml



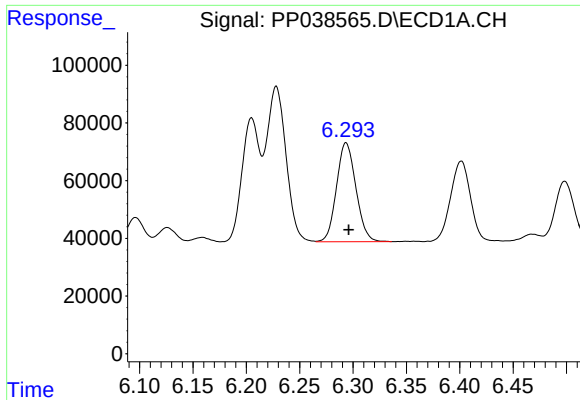
#4 AR-1016-2

R.T.: 6.228 min  
Delta R.T.: -0.002 min  
Response: 686629  
Conc: 371.55 ng/ml



#4 AR-1016-2

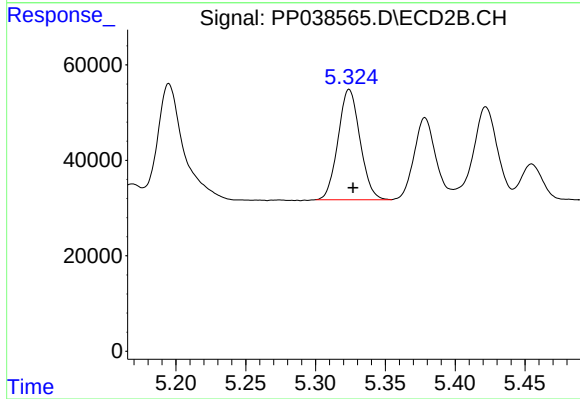
R.T.: 5.135 min  
Delta R.T.: -0.003 min  
Response: 470597  
Conc: 378.40 ng/ml



#5 AR-1016-3

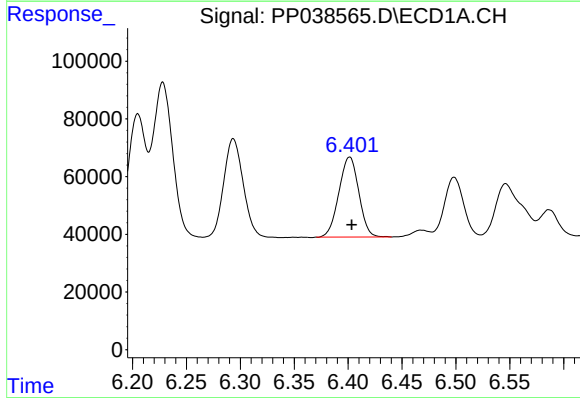
R.T.: 6.293 min  
Delta R.T.: -0.002 min  
Response: 433893  
Conc: 379.76 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



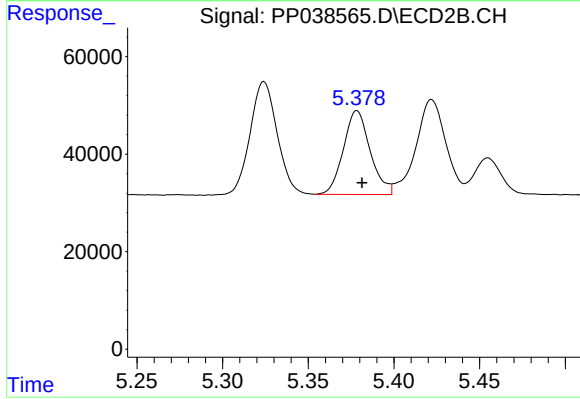
#5 AR-1016-3

R.T.: 5.324 min  
Delta R.T.: -0.003 min  
Response: 253509  
Conc: 372.29 ng/ml



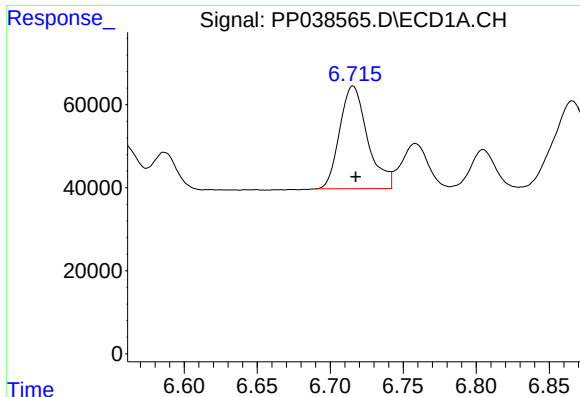
#6 AR-1016-4

R.T.: 6.401 min  
Delta R.T.: -0.002 min  
Response: 357204  
Conc: 383.01 ng/ml



#6 AR-1016-4

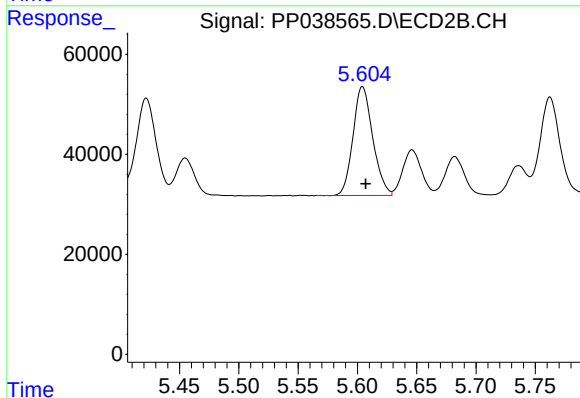
R.T.: 5.378 min  
Delta R.T.: -0.003 min  
Response: 187089  
Conc: 357.26 ng/ml



#7 AR-1016-5

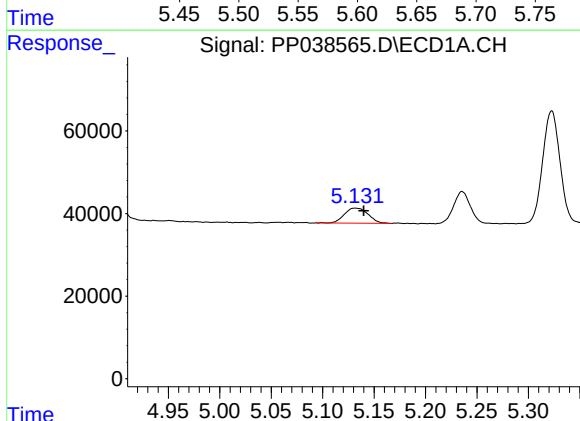
R.T.: 6.716 min  
Delta R.T.: -0.002 min  
Response: 328691  
Conc: 387.75 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



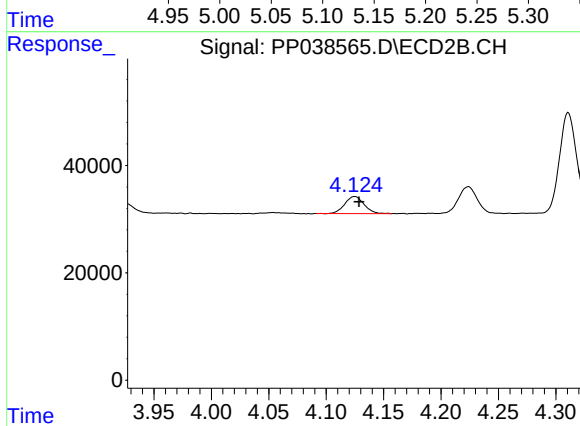
#7 AR-1016-5

R.T.: 5.604 min  
Delta R.T.: -0.003 min  
Response: 251865  
Conc: 379.74 ng/ml



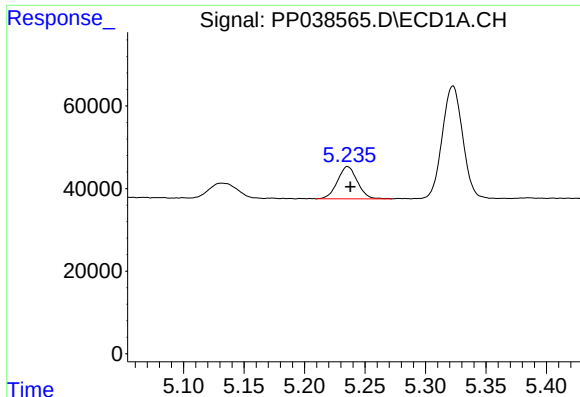
#8 AR-1221-1

R.T.: 5.131 min  
Delta R.T.: -0.008 min  
Response: 58922  
Conc: 126.00 ng/ml



#8 AR-1221-1

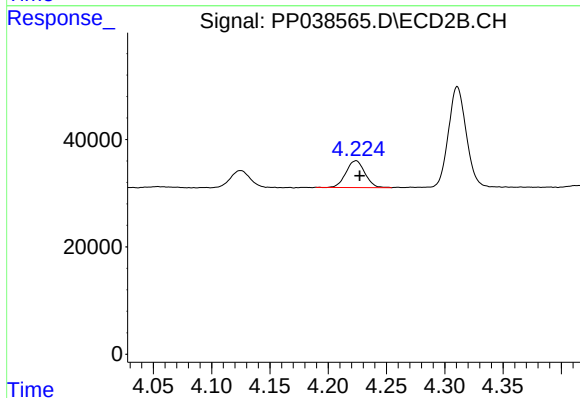
R.T.: 4.125 min  
Delta R.T.: -0.004 min  
Response: 37686  
Conc: 137.75 ng/ml



#9 AR-1221-2

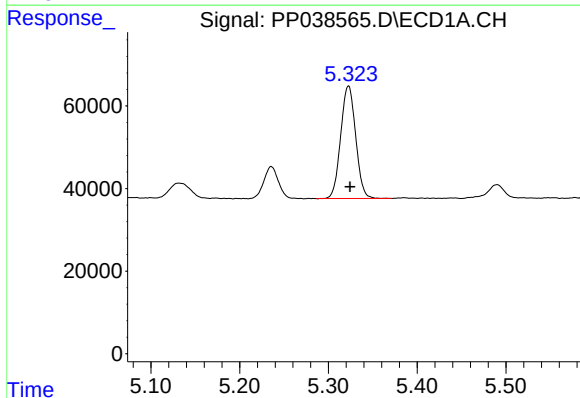
R.T.: 5.236 min  
Delta R.T.: -0.002 min  
Response: 89662  
Conc: 253.10 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



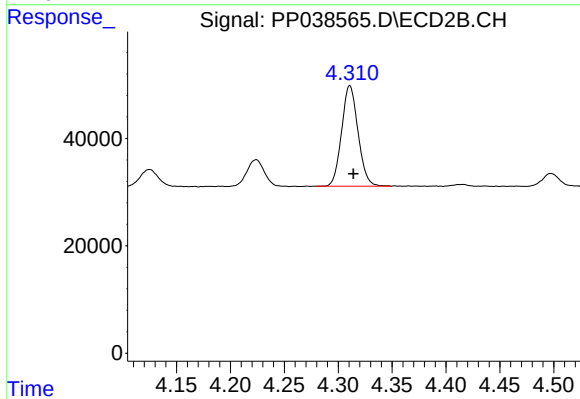
#9 AR-1221-2

R.T.: 4.224 min  
Delta R.T.: -0.003 min  
Response: 56461  
Conc: 263.93 ng/ml



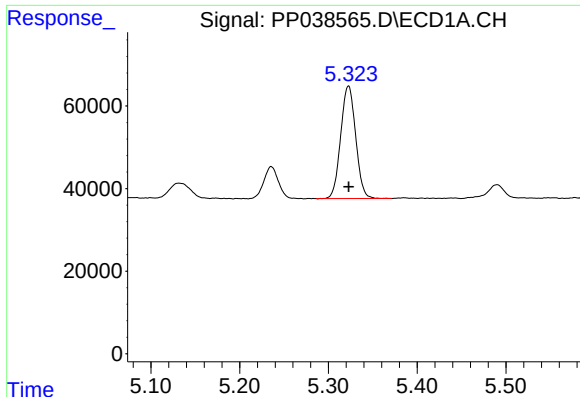
#10 AR-1221-3

R.T.: 5.323 min  
Delta R.T.: -0.002 min  
Response: 320001  
Conc: 300.47 ng/ml



#10 AR-1221-3

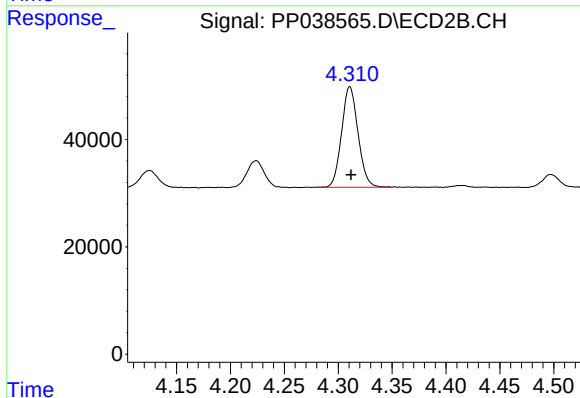
R.T.: 4.311 min  
Delta R.T.: -0.003 min  
Response: 198798  
Conc: 294.42 ng/ml



#11 AR-1232-1

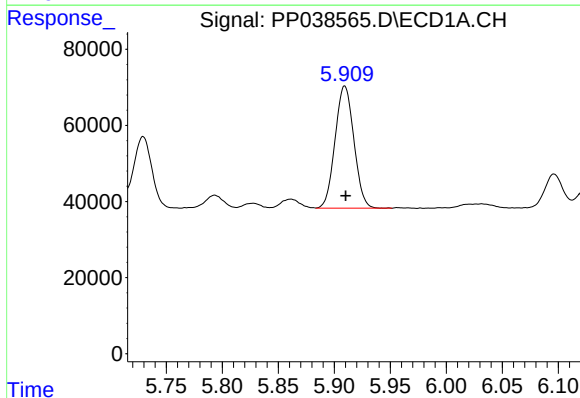
R.T.: 5.323 min  
Delta R.T.: 0.000 min  
Response: 320001  
Conc: 323.55 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



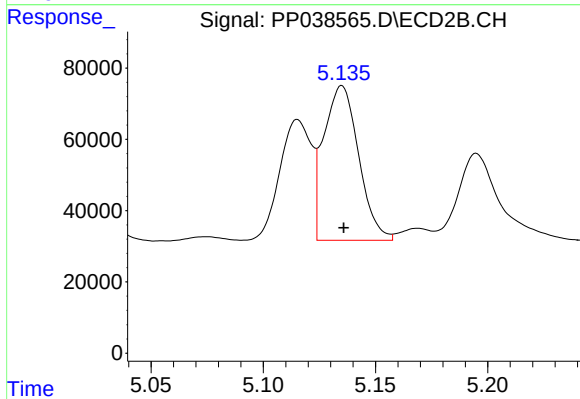
#11 AR-1232-1

R.T.: 4.311 min  
Delta R.T.: -0.001 min  
Response: 198798  
Conc: 320.06 ng/ml



#12 AR-1232-2

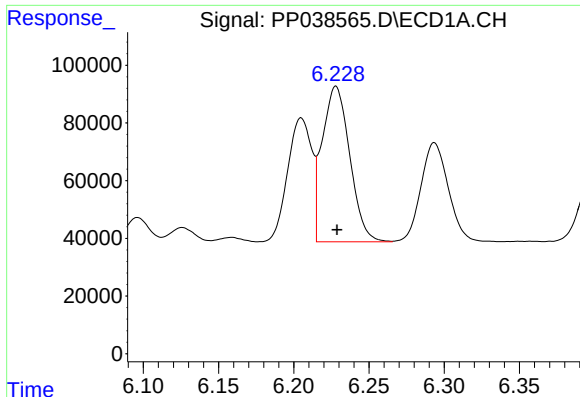
R.T.: 5.909 min  
Delta R.T.: -0.001 min  
Response: 376276  
Conc: 808.06 ng/ml



#12 AR-1232-2

R.T.: 5.135 min  
Delta R.T.: 0.000 min  
Response: 470597  
Conc: 824.52 ng/ml

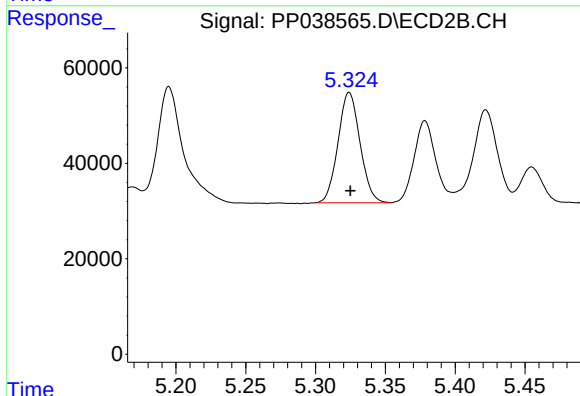




#13 AR-1232-3

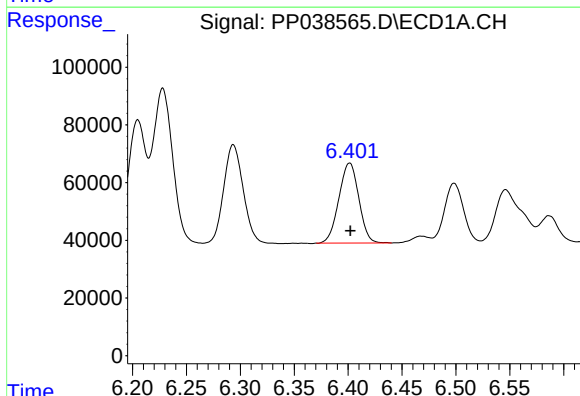
R.T.: 6.228 min  
Delta R.T.: 0.000 min  
Response: 686629  
Conc: 804.24 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



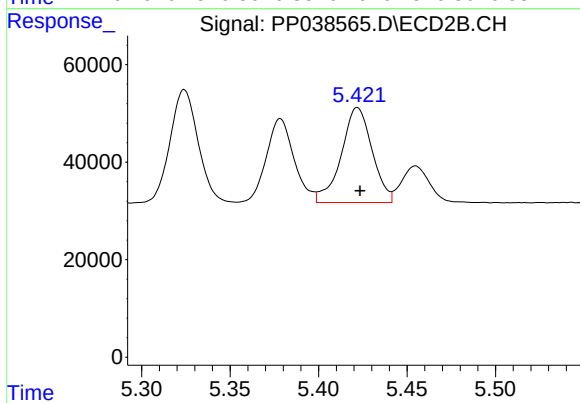
#13 AR-1232-3

R.T.: 5.324 min  
Delta R.T.: 0.000 min  
Response: 253509  
Conc: 867.24 ng/ml



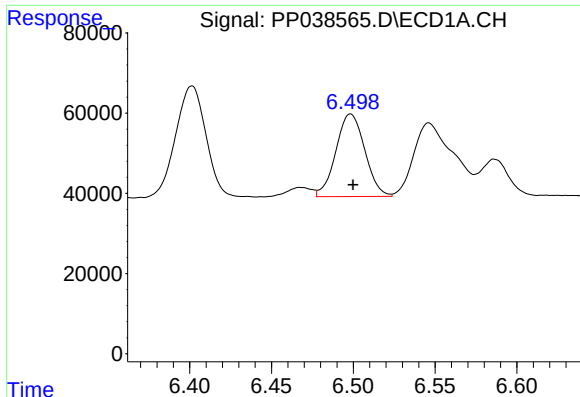
#14 AR-1232-4

R.T.: 6.401 min  
Delta R.T.: 0.000 min  
Response: 357204  
Conc: 843.64 ng/ml



#14 AR-1232-4

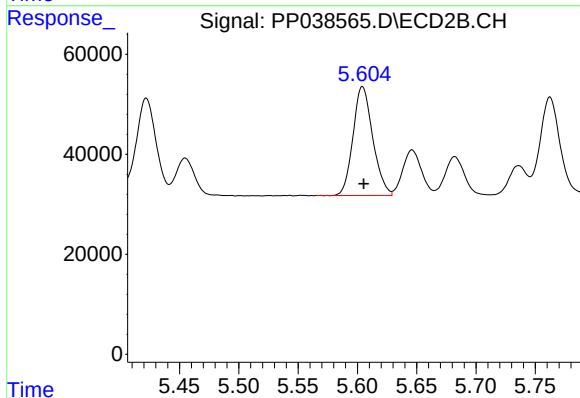
R.T.: 5.422 min  
Delta R.T.: -0.002 min  
Response: 236588  
Conc: 956.23 ng/ml



#15 AR-1232-5

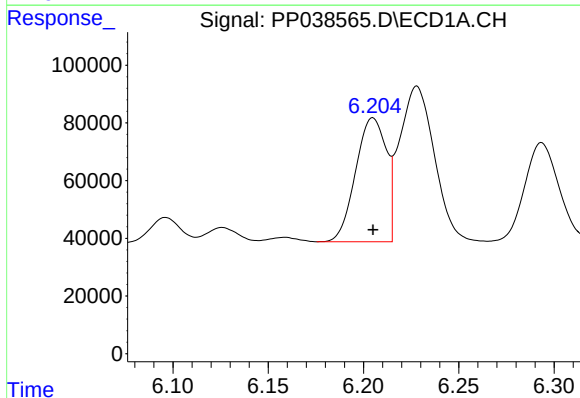
R.T.: 6.498 min  
Delta R.T.: -0.002 min  
Response: 253507  
Conc: 943.41 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



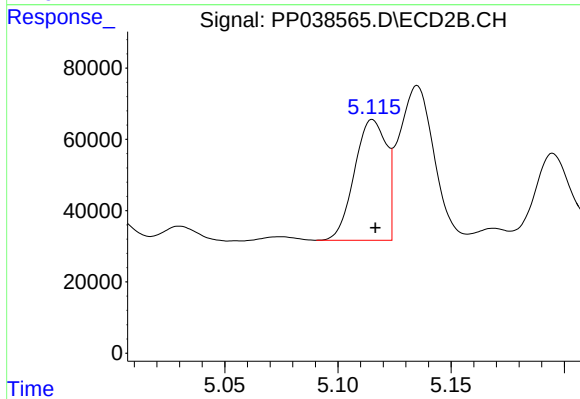
#15 AR-1232-5

R.T.: 5.604 min  
Delta R.T.: -0.001 min  
Response: 251865  
Conc: 931.56 ng/ml



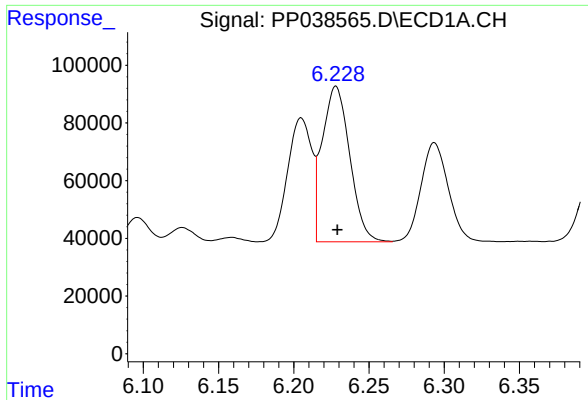
#16 AR-1242-1

R.T.: 6.205 min  
Delta R.T.: 0.000 min  
Response: 480555  
Conc: 482.45 ng/ml



#16 AR-1242-1

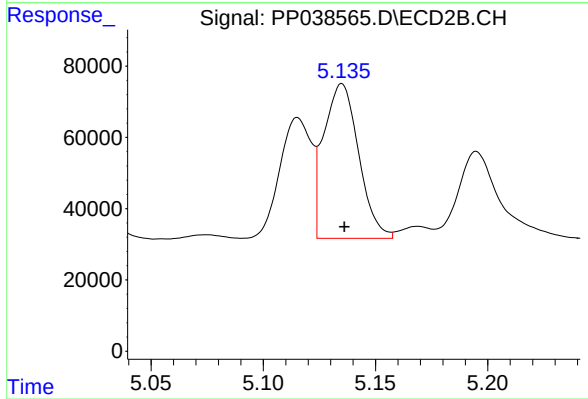
R.T.: 5.115 min  
Delta R.T.: -0.001 min  
Response: 332403  
Conc: 481.44 ng/ml



#17 AR-1242-2

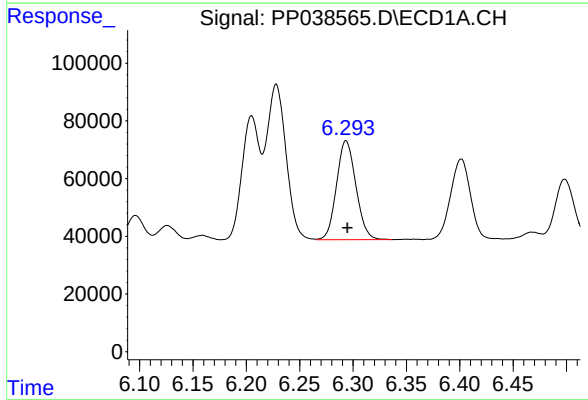
R.T.: 6.228 min  
Delta R.T.: 0.000 min  
Response: 686629  
Conc: 477.82 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



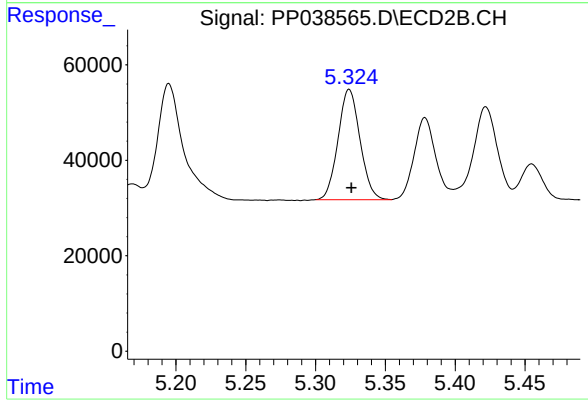
#17 AR-1242-2

R.T.: 5.135 min  
Delta R.T.: -0.001 min  
Response: 470597  
Conc: 482.09 ng/ml



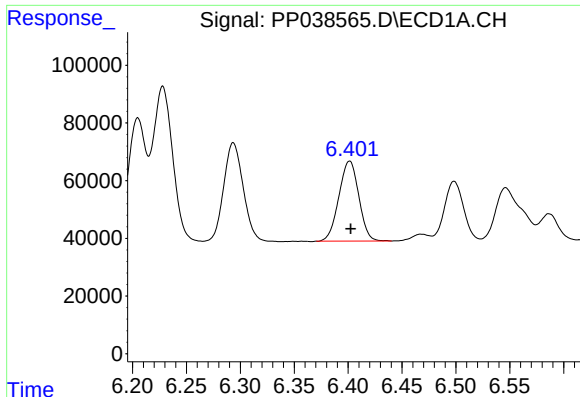
#18 AR-1242-3

R.T.: 6.293 min  
Delta R.T.: -0.001 min  
Response: 433893  
Conc: 484.66 ng/ml



#18 AR-1242-3

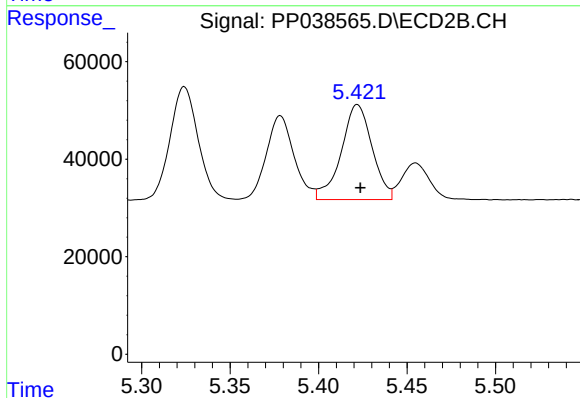
R.T.: 5.324 min  
Delta R.T.: -0.001 min  
Response: 253509  
Conc: 482.09 ng/ml



#19 AR-1242-4

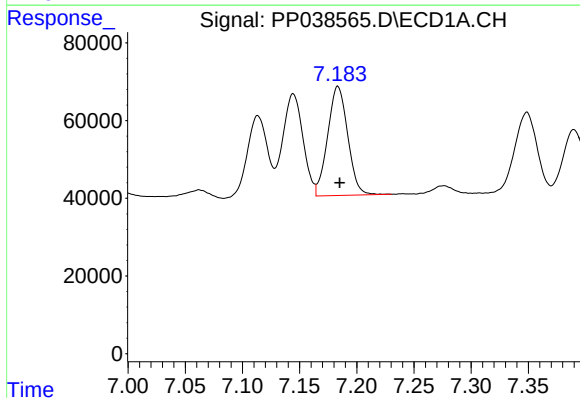
R.T.: 6.401 min  
Delta R.T.: -0.001 min  
Response: 357204  
Conc: 487.82 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



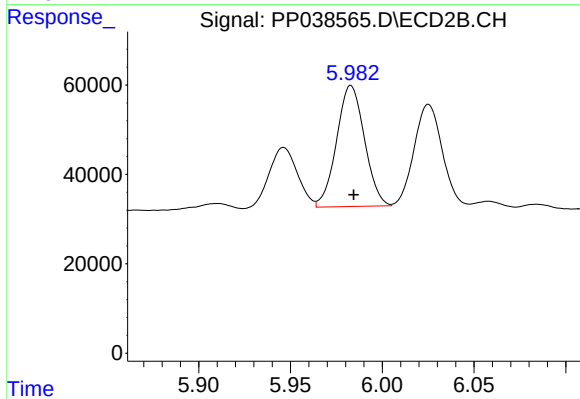
#19 AR-1242-4

R.T.: 5.422 min  
Delta R.T.: -0.002 min  
Response: 236588  
Conc: 494.95 ng/ml



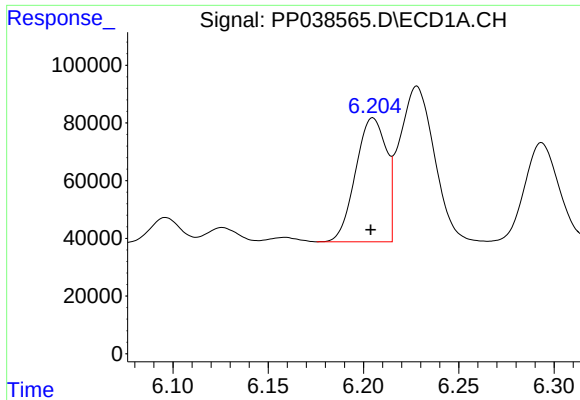
#20 AR-1242-5

R.T.: 7.184 min  
Delta R.T.: -0.002 min  
Response: 343818  
Conc: 480.89 ng/ml



#20 AR-1242-5

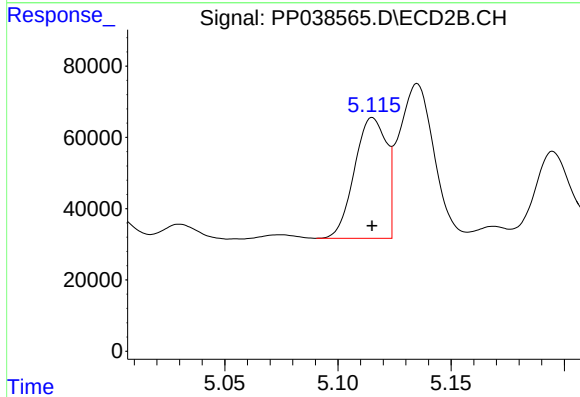
R.T.: 5.983 min  
Delta R.T.: -0.002 min  
Response: 286481  
Conc: 462.78 ng/ml



#21 AR-1248-1

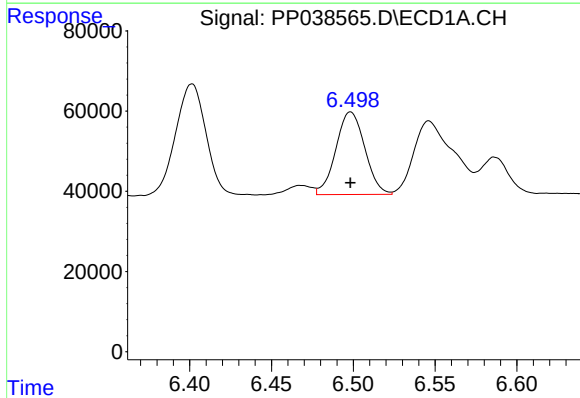
R.T.: 6.205 min  
Delta R.T.: 0.001 min  
Response: 480555  
Conc: 603.10 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



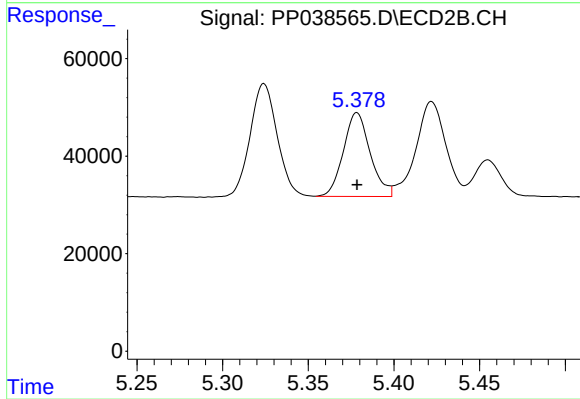
#21 AR-1248-1

R.T.: 5.115 min  
Delta R.T.: 0.000 min  
Response: 332403  
Conc: 610.01 ng/ml



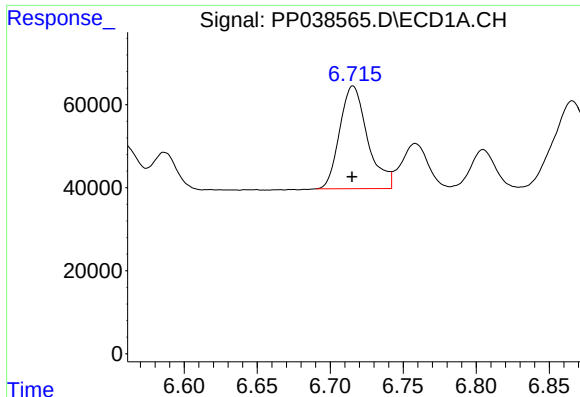
#22 AR-1248-2

R.T.: 6.498 min  
Delta R.T.: 0.000 min  
Response: 253507  
Conc: 258.56 ng/ml



#22 AR-1248-2

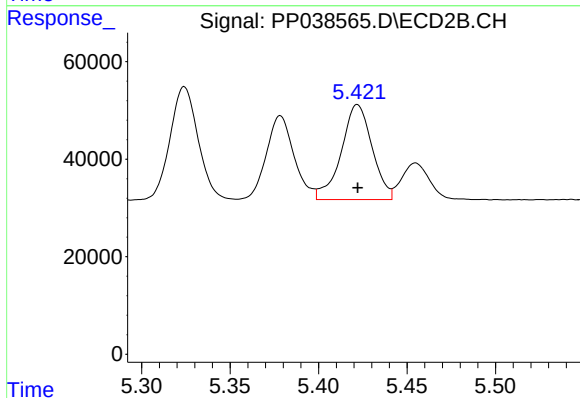
R.T.: 5.378 min  
Delta R.T.: 0.000 min  
Response: 187089  
Conc: 251.73 ng/ml



#23 AR-1248-3

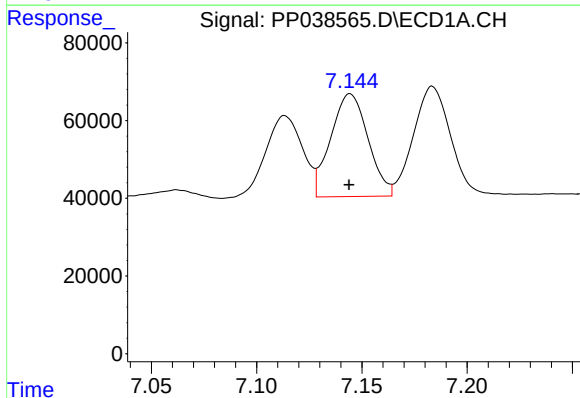
R.T.: 6.716 min  
Delta R.T.: 0.000 min  
Response: 328691  
Conc: 284.75 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



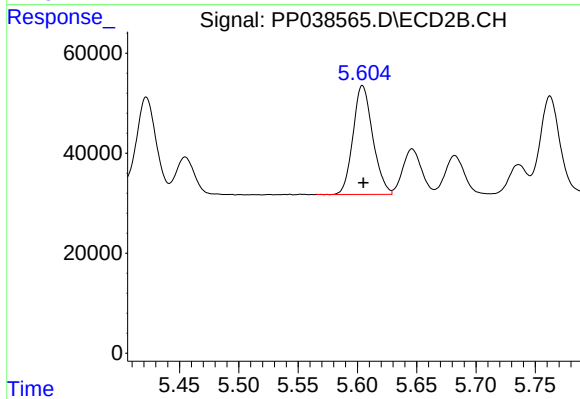
#23 AR-1248-3

R.T.: 5.422 min  
Delta R.T.: 0.000 min  
Response: 236588  
Conc: 311.56 ng/ml



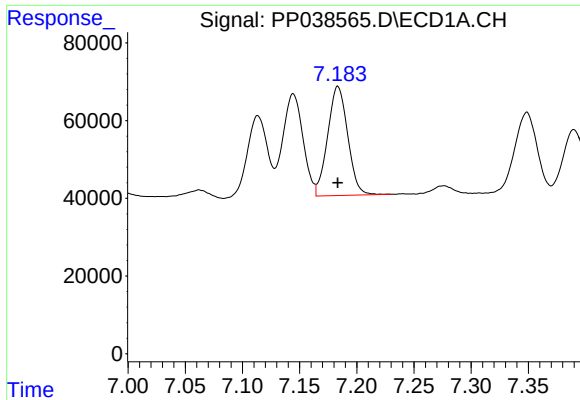
#24 AR-1248-4

R.T.: 7.144 min  
Delta R.T.: 0.000 min  
Response: 327197  
Conc: 264.97 ng/ml



#24 AR-1248-4

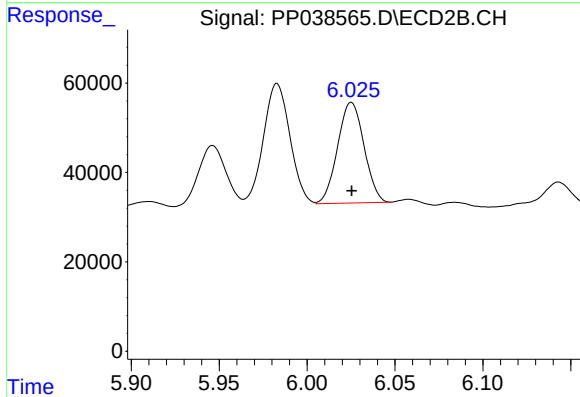
R.T.: 5.604 min  
Delta R.T.: 0.000 min  
Response: 251865  
Conc: 272.30 ng/ml



#25 AR-1248-5

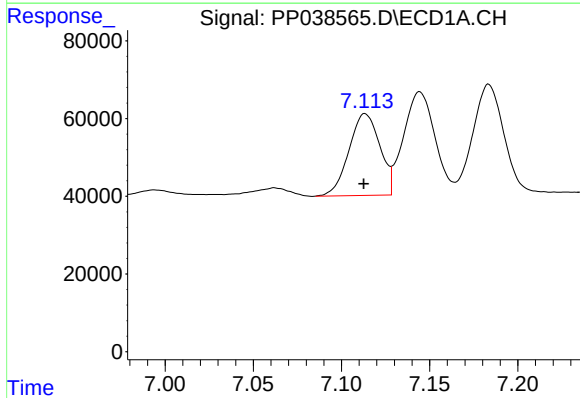
R.T.: 7.184 min  
Delta R.T.: 0.000 min  
Response: 343818  
Conc: 281.20 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



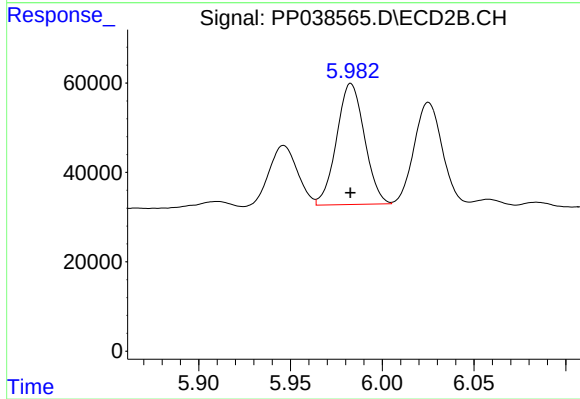
#25 AR-1248-5

R.T.: 6.025 min  
Delta R.T.: 0.000 min  
Response: 236059  
Conc: 261.45 ng/ml



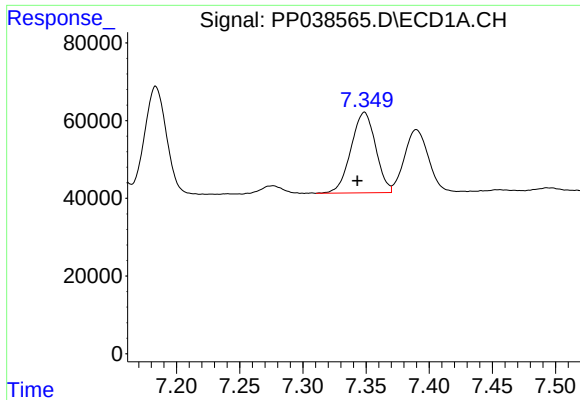
#26 AR-1254-1

R.T.: 7.113 min  
Delta R.T.: 0.000 min  
Response: 256927  
Conc: 225.17 ng/ml



#26 AR-1254-1

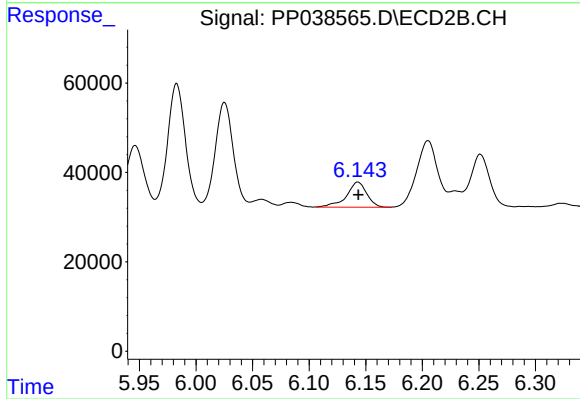
R.T.: 5.983 min  
Delta R.T.: 0.000 min  
Response: 286481  
Conc: 218.14 ng/ml



#27 AR-1254-2

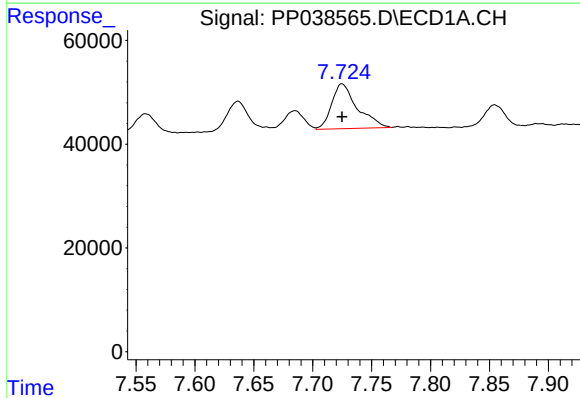
R.T.: 7.349 min  
Delta R.T.: 0.005 min  
Response: 281838  
Conc: 163.21 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



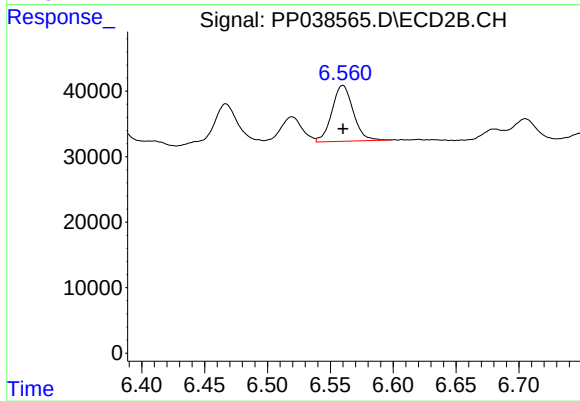
#27 AR-1254-2

R.T.: 6.143 min  
Delta R.T.: 0.000 min  
Response: 69777  
Conc: 60.79 ng/ml



#28 AR-1254-3

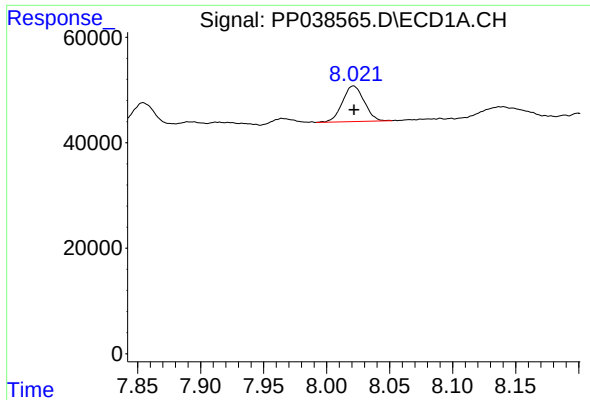
R.T.: 7.725 min  
Delta R.T.: 0.000 min  
Response: 131188  
Conc: 73.08 ng/ml



#28 AR-1254-3

R.T.: 6.560 min  
Delta R.T.: 0.000 min  
Response: 100569  
Conc: 54.05 ng/ml

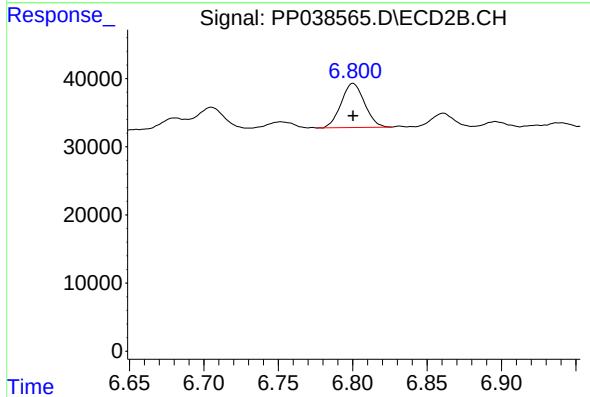




#29 AR-1254-4

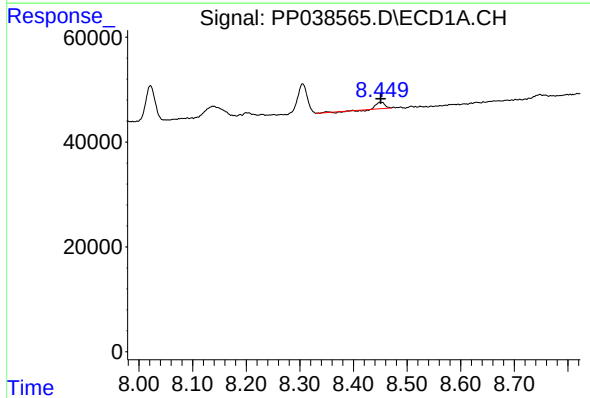
R.T.: 8.021 min  
Delta R.T.: 0.000 min  
Response: 81105  
Conc: 62.86 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



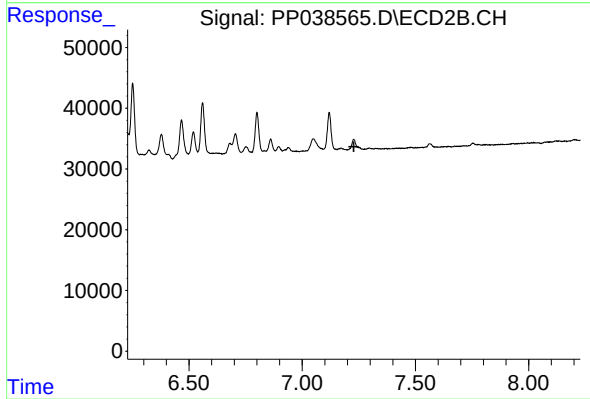
#29 AR-1254-4

R.T.: 6.800 min  
Delta R.T.: 0.000 min  
Response: 70754  
Conc: 60.54 ng/ml



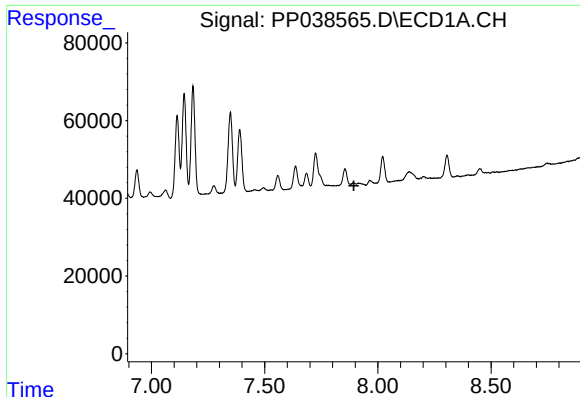
#30 AR-1254-5

R.T.: 8.450 min  
Delta R.T.: 0.000 min  
Response: 11513  
Conc: 9.31 ng/ml



#30 AR-1254-5

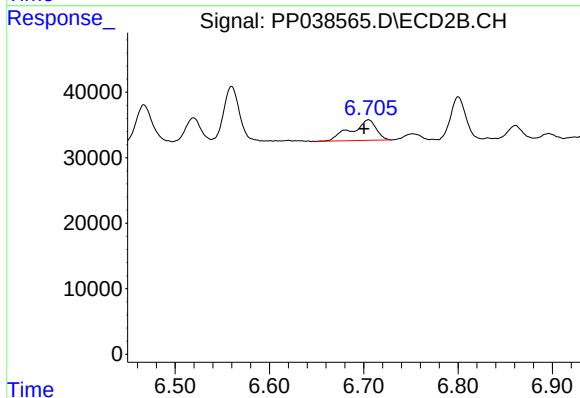
R.T.: 0.000 min  
Exp R.T. : 7.228 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

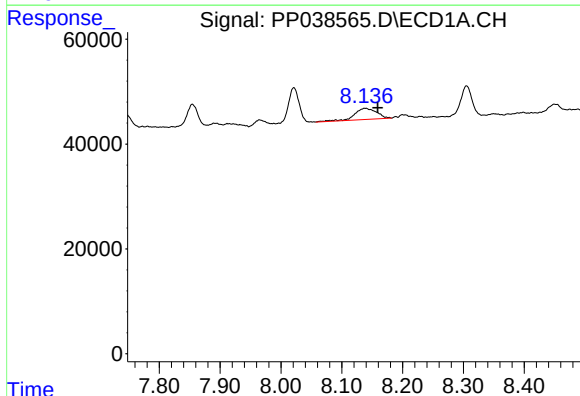
R.T.: 0.000 min  
Exp R.T.: 7.894 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



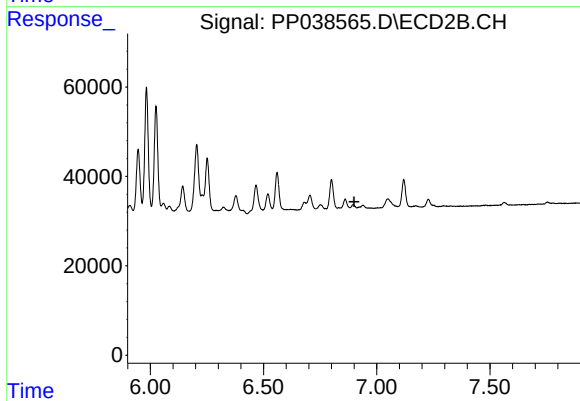
#31 AR-1260-1

R.T.: 6.705 min  
Delta R.T.: 0.005 min  
Response: 57133  
Conc: 48.82 ng/ml



#32 AR-1260-2

R.T.: 8.139 min  
Delta R.T.: -0.021 min  
Response: 54671  
Conc: 37.26 ng/ml



#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T.: 6.899 min  
Response: 0  
Conc: N.D.