

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP080621\  
 Data File : PP038069.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 06 Aug 2021 11:29  
 Operator : AJ\MA  
 Sample : M3309-03  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 DUP-1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 06 12:54:33 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP080521.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Aug 06 03:08:47 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...          | 4.895  | 3.881  | 892623 | 560206 | 20.086  | 21.751   |
| 2) SA Decachlor...          | 10.887 | 9.149  | 433200 | 396101 | 19.043  | 15.309   |
| Target Compounds            |        |        |        |        |         |          |
| 9) L2 AR-1221-2             | 0.000  | 4.230  | 0      | 9438   | N.D.    | 40.099 # |
| 20) L4 AR-1242-5            | 7.196  | 5.994  | 136241 | 4558   | 165.219 | 7.054 #  |
| 25) L5 AR-1248-5            | 7.196  | 0.000  | 136241 | 0      | 103.050 | N.D. #   |
| 26) L6 AR-1254-1            | 0.000  | 5.994  | 0      | 4558   | N.D.    | 3.407 #  |
| 27) L6 AR-1254-2            | 0.000  | 6.183f | 0      | 7482   | N.D.    | 6.528 #  |
| 28) L6 AR-1254-3            | 7.753f | 6.573  | 24924  | 14961  | 12.563  | 7.925 #  |
| 30) L6 AR-1254-5            | 8.483f | 7.242  | 568835 | 34224  | 391.423 | 20.740 # |
| 31) L7 AR-1260-1            | 7.900  | 6.709  | 49300  | 45763  | 34.351  | 35.148   |
| 32) L7 AR-1260-2            | 8.163  | 6.911  | 36768  | 12959  | 21.356  | 8.329 #  |
| 33) L7 AR-1260-3            | 0.000  | 7.062  | 0      | 25640  | N.D.    | 16.844 # |
| 34) L7 AR-1260-4            | 8.774  | 7.544  | 35726  | 31665  | 25.083  | 25.883   |
| 35) L7 AR-1260-5            | 9.084  | 7.794  | 31613  | 103408 | 11.907  | 35.409 # |
| 36) L8 AR-1262-1            | 0.000  | 7.242  | 0      | 34224  | N.D.    | 37.444 # |
| 37) L8 AR-1262-2            | 9.084  | 7.794  | 31613  | 103408 | 11.123  | 33.415 # |
| 38) L8 AR-1262-3            | 9.392  | 8.080  | 90530  | 47172  | 76.440  | 37.288 # |
| 39) L8 AR-1262-4            | 9.489  | 8.145  | 44449  | 47849  | 58.092  | 20.207 # |
| 40) L8 AR-1262-5            | 10.148 | 8.640  | 12080  | 15425  | 12.183  | 13.744   |
| 41) L9 AR-1268-1            | 9.392  | 8.080  | 90530  | 47172  | 27.708  | 12.999 # |
| 42) L9 AR-1268-2            | 9.489  | 8.145  | 44449  | 47849  | 14.531  | 14.006   |
| 43) L9 AR-1268-3            | 9.711  | 8.350  | 32476  | 34653  | 12.802  | 12.162   |
| 44) L9 AR-1268-4            | 10.148 | 8.640  | 12080  | 15425  | 10.947  | 12.188   |
| 45) L9 AR-1268-5            | 10.555 | 8.915  | 100662 | 97861  | 11.994  | 10.311   |
| -----                       |        |        |        |        |         |          |

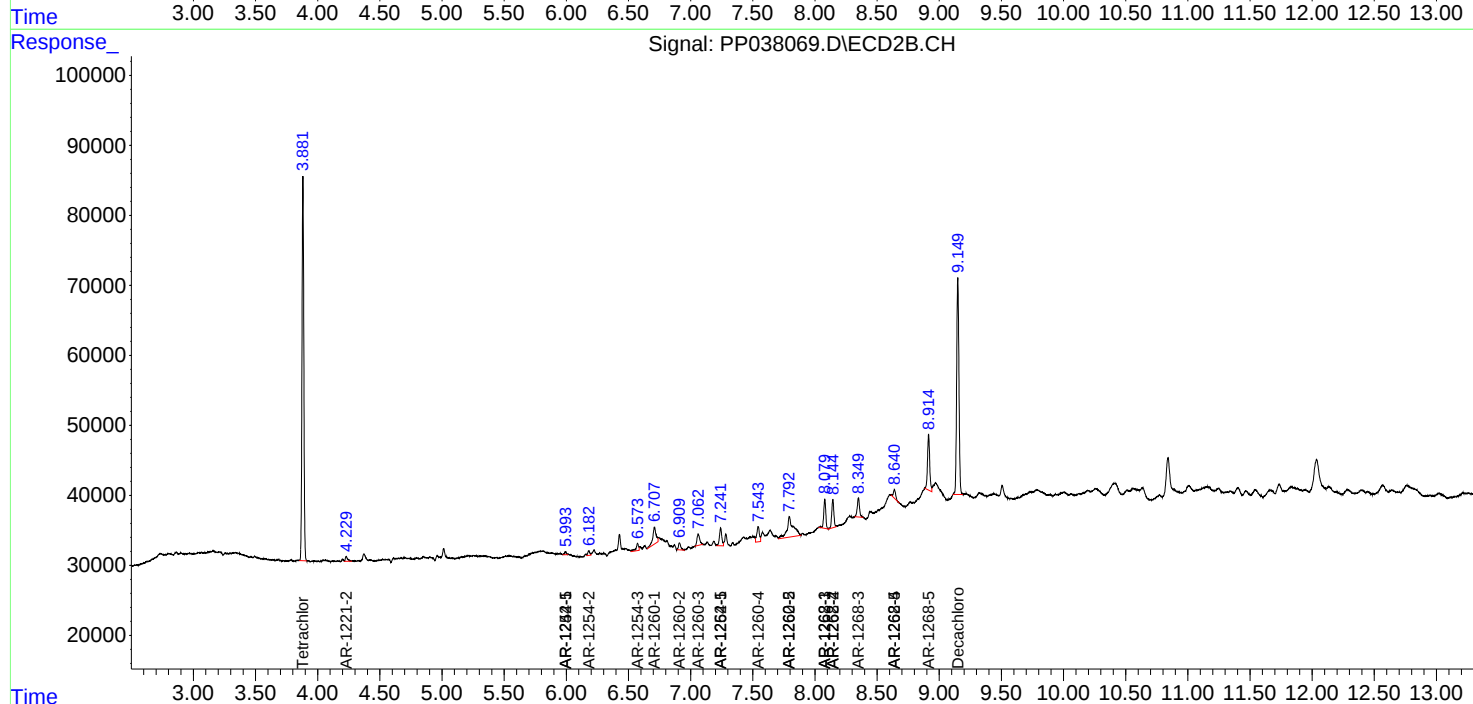
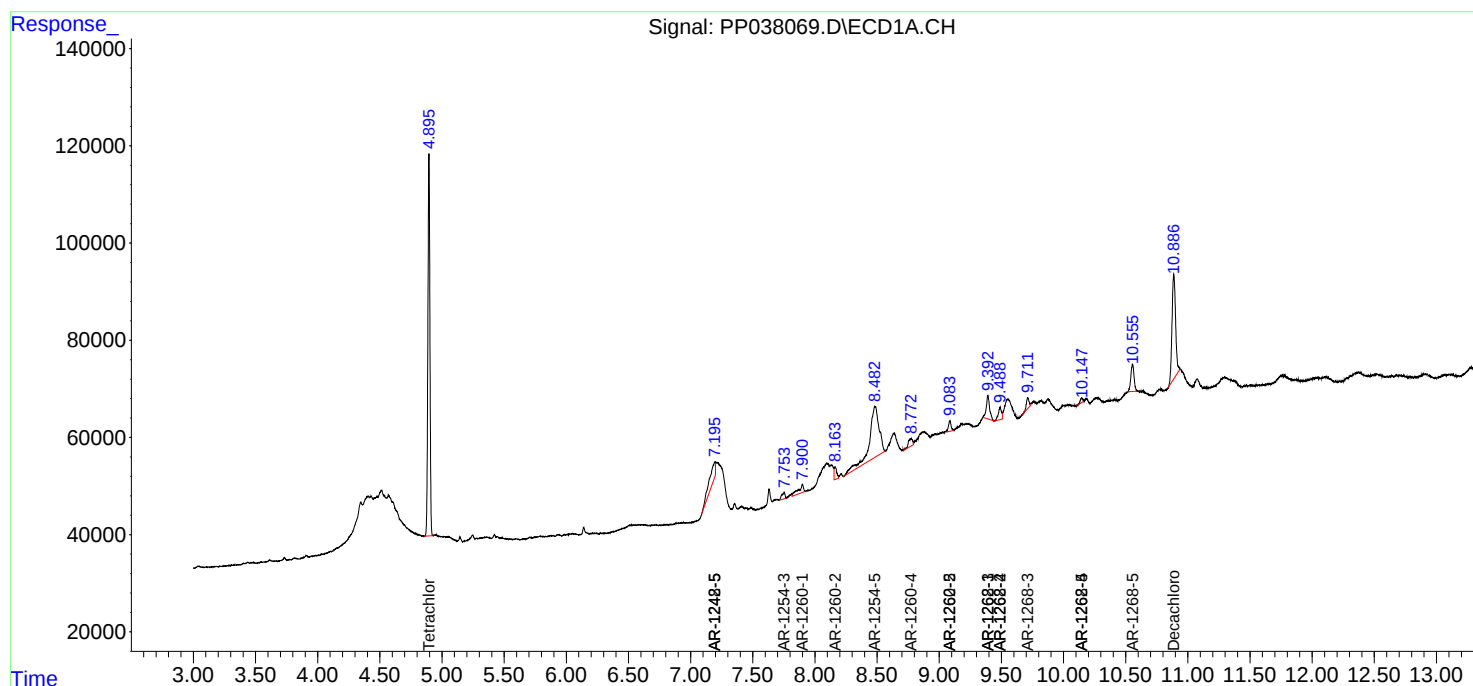
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

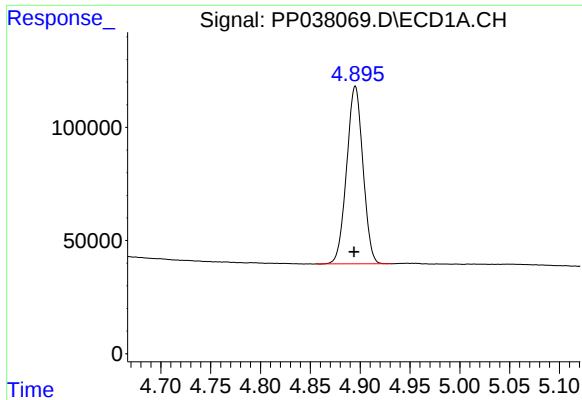
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP080621\  
Data File : PP038069.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 06 Aug 2021 11:29  
Operator : AJ\MA  
Sample : M3309-03  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
DUP-1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 06 12:54:33 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP080521.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Aug 06 03:08:47 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

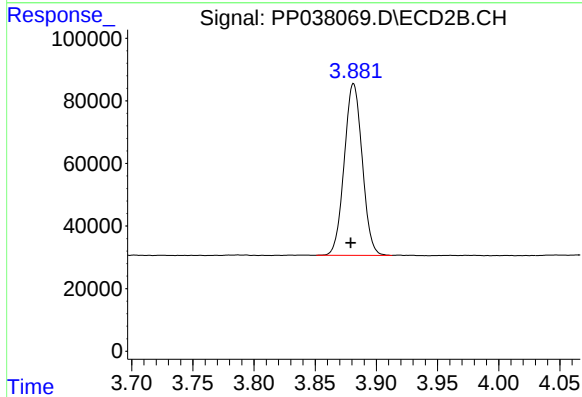




#1 Tetrachloro-m-xylene

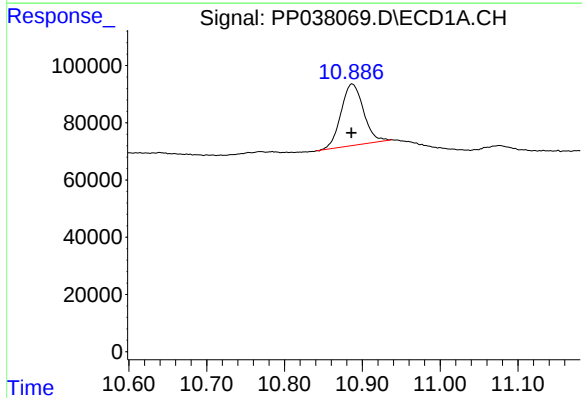
R.T.: 4.895 min  
Delta R.T.: 0.001 min  
Response: 892623  
Conc: 20.09 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
DUP-1



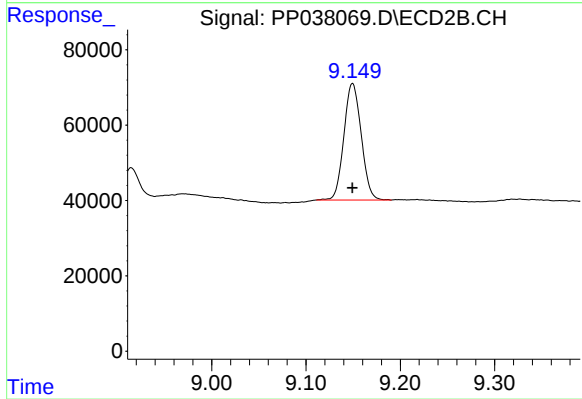
#1 Tetrachloro-m-xylene

R.T.: 3.881 min  
Delta R.T.: 0.002 min  
Response: 560206  
Conc: 21.75 ng/ml



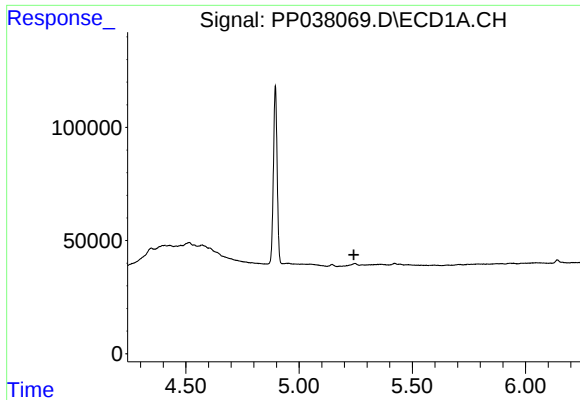
#2 Decachlorobiphenyl

R.T.: 10.887 min  
Delta R.T.: 0.000 min  
Response: 433200  
Conc: 19.04 ng/ml



#2 Decachlorobiphenyl

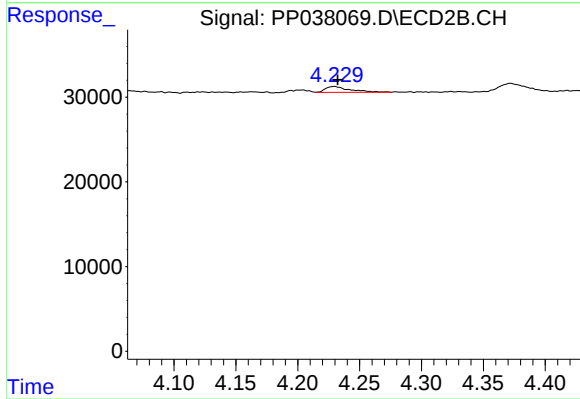
R.T.: 9.149 min  
Delta R.T.: 0.000 min  
Response: 396101  
Conc: 15.31 ng/ml



#9 AR-1221-2

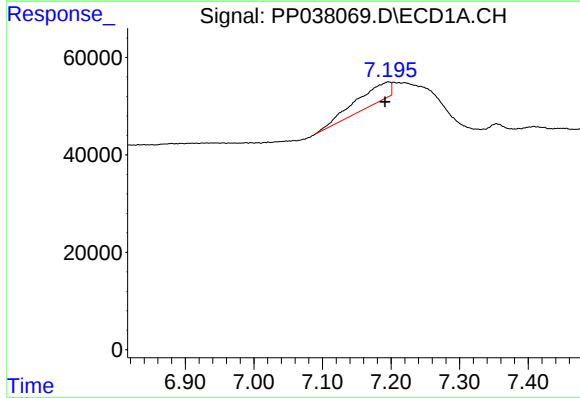
R.T.: 0.000 min  
Exp R.T.: 5.242 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
DUP-1



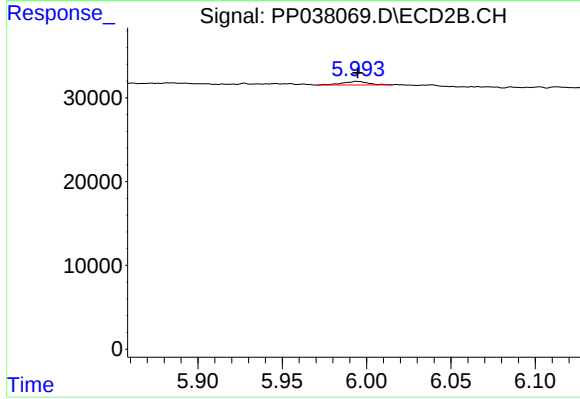
#9 AR-1221-2

R.T.: 4.230 min  
Delta R.T.: -0.003 min  
Response: 9438  
Conc: 40.10 ng/ml



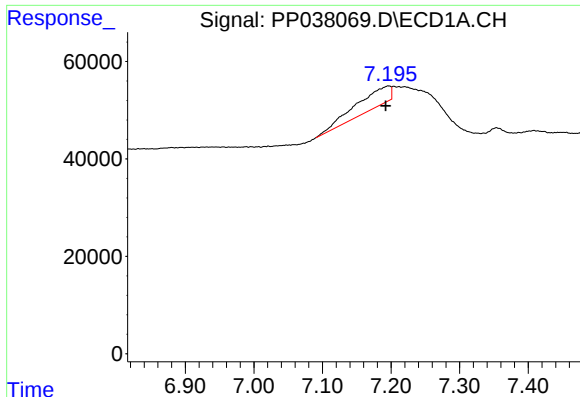
#20 AR-1242-5

R.T.: 7.196 min  
Delta R.T.: 0.004 min  
Response: 136241  
Conc: 165.22 ng/ml



#20 AR-1242-5

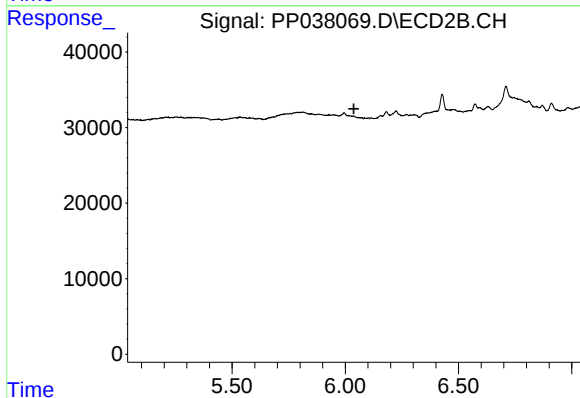
R.T.: 5.994 min  
Delta R.T.: 0.000 min  
Response: 4558  
Conc: 7.05 ng/ml



#25 AR-1248-5

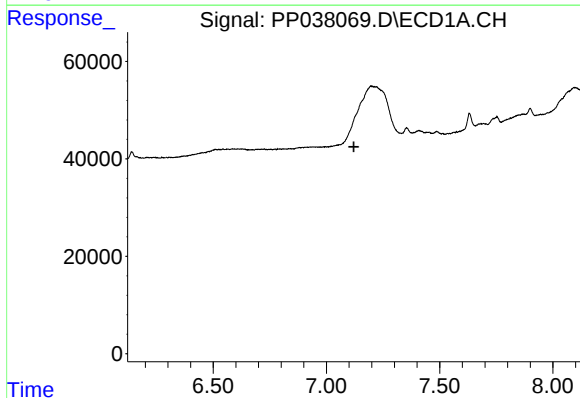
R.T.: 7.196 min  
Delta R.T.: 0.004 min  
Response: 136241  
Conc: 103.05 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
DUP-1



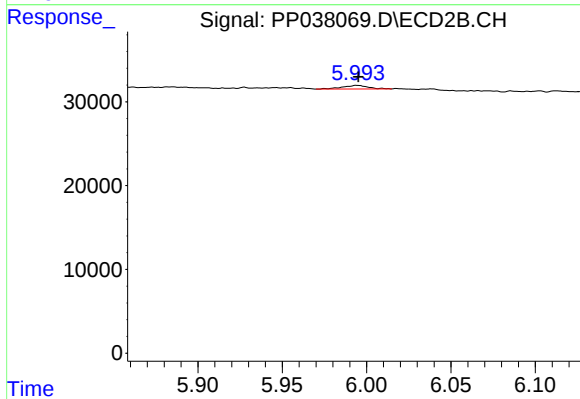
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 6.037 min  
Response: 0  
Conc: N.D.



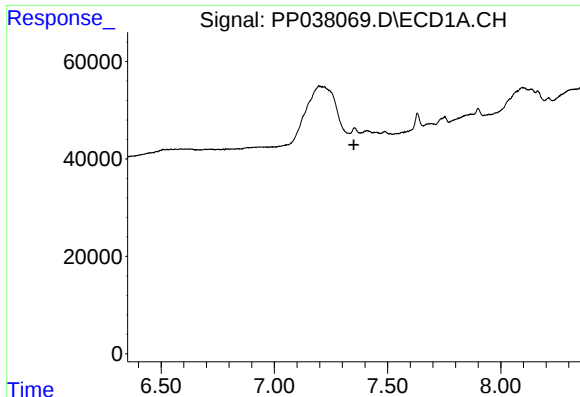
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T. : 7.121 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

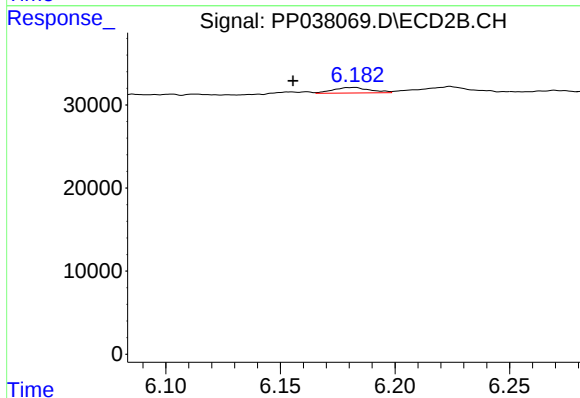
R.T.: 5.994 min  
Delta R.T.: -0.001 min  
Response: 4558  
Conc: 3.41 ng/ml



#27 AR-1254-2

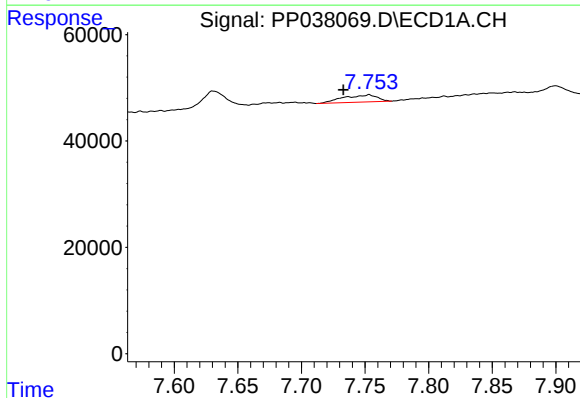
R.T.: 0.000 min  
Exp R.T.: 7.351 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
DUP-1



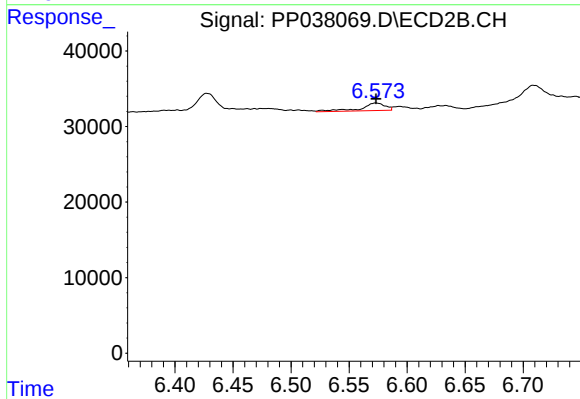
#27 AR-1254-2

R.T.: 6.183 min  
Delta R.T.: 0.027 min  
Response: 7482  
Conc: 6.53 ng/ml



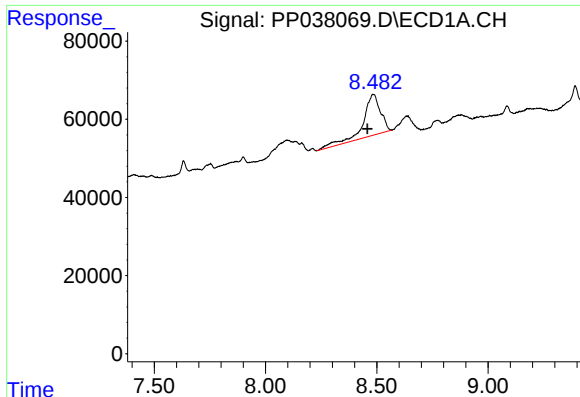
#28 AR-1254-3

R.T.: 7.753 min  
Delta R.T.: 0.020 min  
Response: 24924  
Conc: 12.56 ng/ml



#28 AR-1254-3

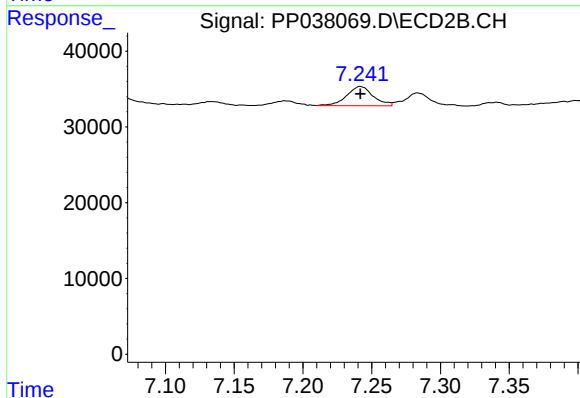
R.T.: 6.573 min  
Delta R.T.: 0.000 min  
Response: 14961  
Conc: 7.92 ng/ml



#30 AR-1254-5

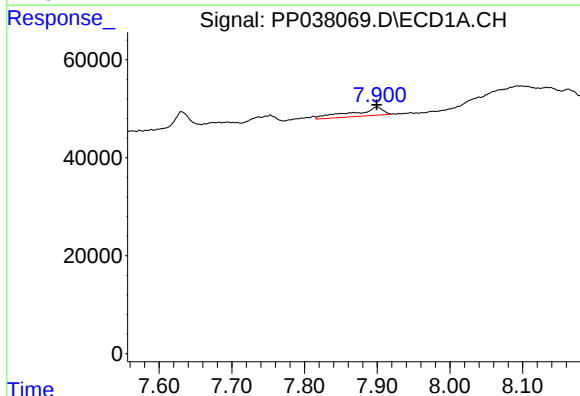
R.T.: 8.483 min  
Delta R.T.: 0.024 min  
Response: 568835  
Conc: 391.42 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
DUP-1



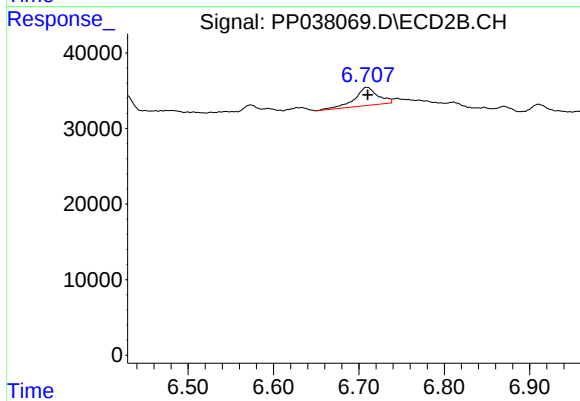
#30 AR-1254-5

R.T.: 7.242 min  
Delta R.T.: 0.000 min  
Response: 34224  
Conc: 20.74 ng/ml



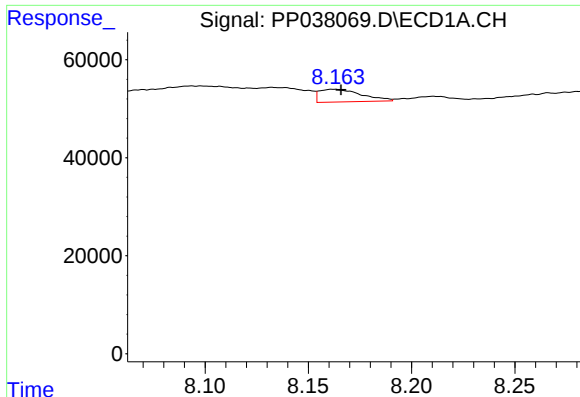
#31 AR-1260-1

R.T.: 7.900 min  
Delta R.T.: 0.000 min  
Response: 49300  
Conc: 34.35 ng/ml



#31 AR-1260-1

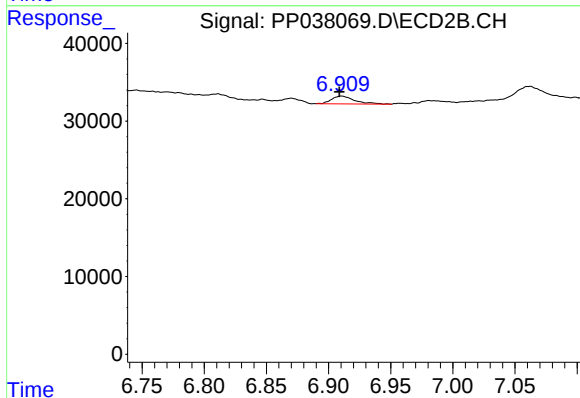
R.T.: 6.709 min  
Delta R.T.: 0.000 min  
Response: 45763  
Conc: 35.15 ng/ml



#32 AR-1260-2

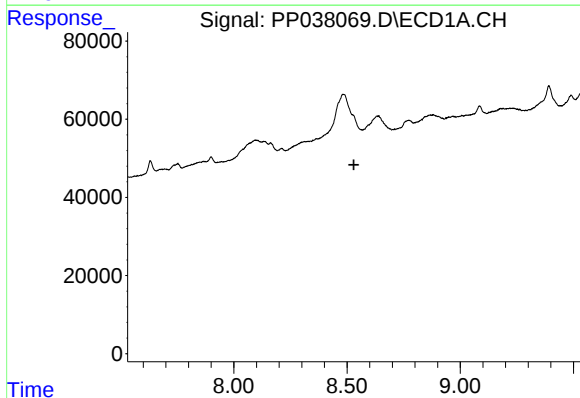
R.T.: 8.163 min  
Delta R.T.: -0.003 min  
Response: 36768  
Conc: 21.36 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
DUP-1



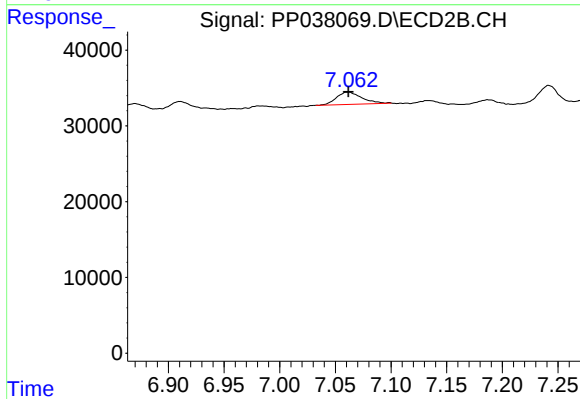
#32 AR-1260-2

R.T.: 6.911 min  
Delta R.T.: 0.002 min  
Response: 12959  
Conc: 8.33 ng/ml



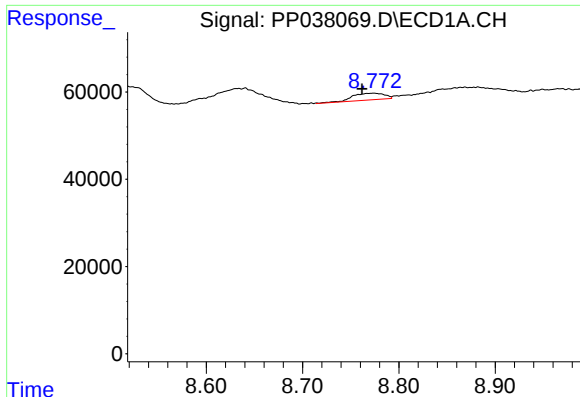
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 8.530 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

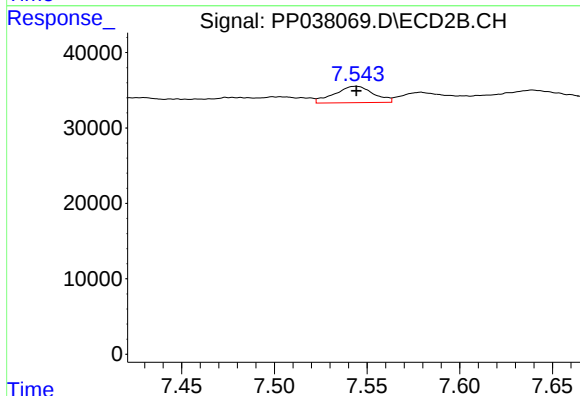
R.T.: 7.062 min  
Delta R.T.: 0.000 min  
Response: 25640  
Conc: 16.84 ng/ml



#34 AR-1260-4

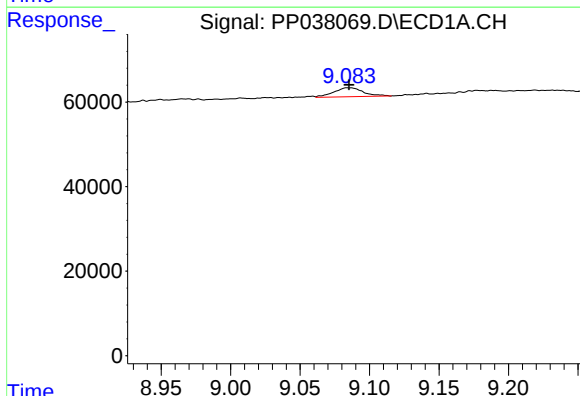
R.T.: 8.774 min  
Delta R.T.: 0.012 min  
Response: 35726  
Conc: 25.08 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
DUP-1



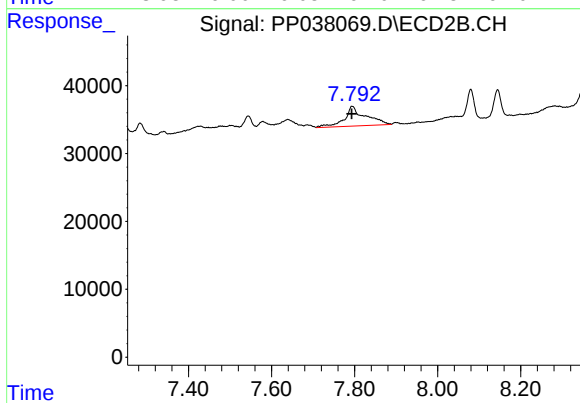
#34 AR-1260-4

R.T.: 7.544 min  
Delta R.T.: 0.000 min  
Response: 31665  
Conc: 25.88 ng/ml



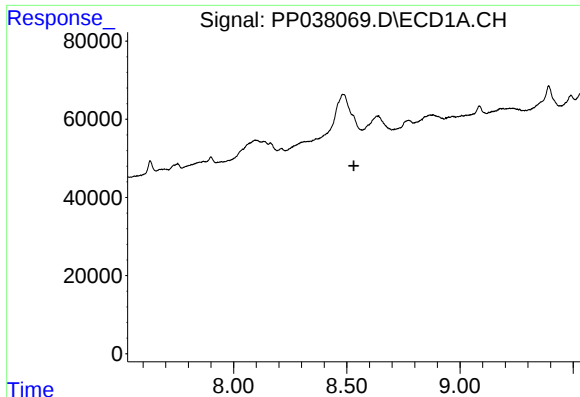
#35 AR-1260-5

R.T.: 9.084 min  
Delta R.T.: -0.002 min  
Response: 31613  
Conc: 11.91 ng/ml



#35 AR-1260-5

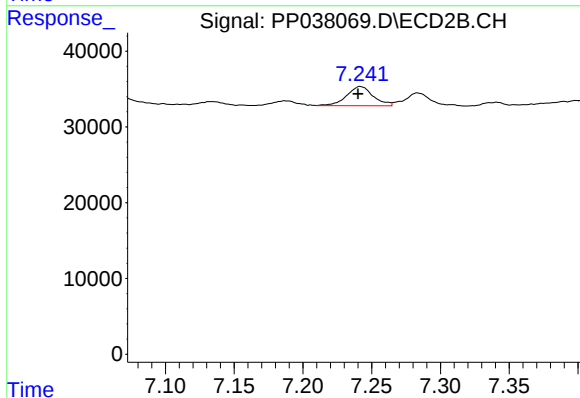
R.T.: 7.794 min  
Delta R.T.: 0.000 min  
Response: 103408  
Conc: 35.41 ng/ml



#36 AR-1262-1

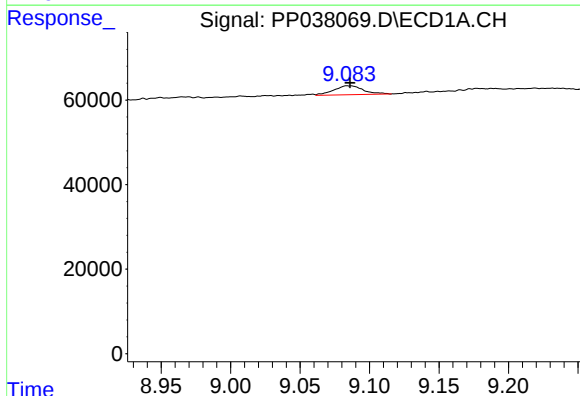
R.T.: 0.000 min  
Exp R.T.: 8.531 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
DUP-1



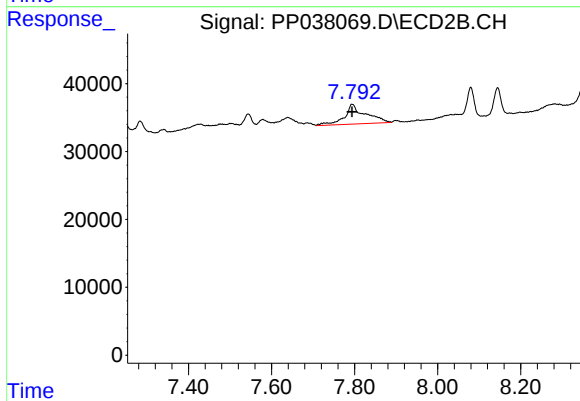
#36 AR-1262-1

R.T.: 7.242 min  
Delta R.T.: 0.002 min  
Response: 34224  
Conc: 37.44 ng/ml



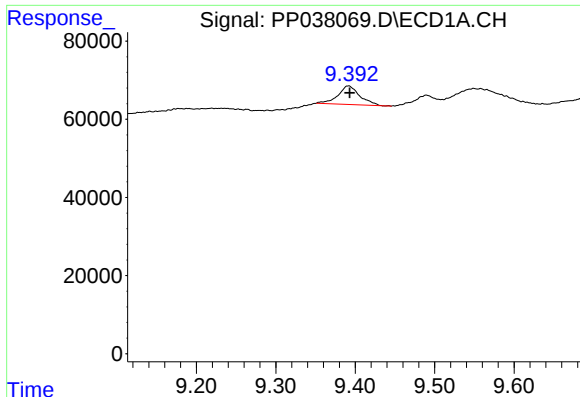
#37 AR-1262-2

R.T.: 9.084 min  
Delta R.T.: -0.002 min  
Response: 31613  
Conc: 11.12 ng/ml



#37 AR-1262-2

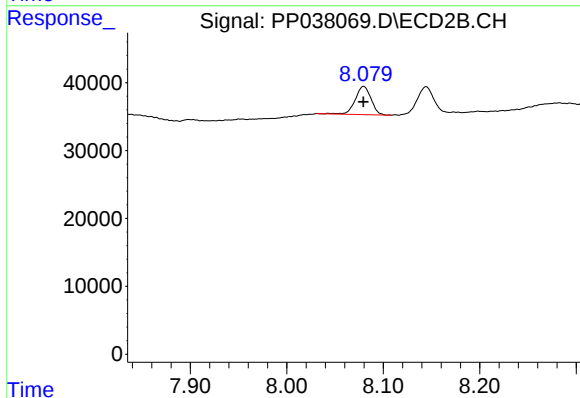
R.T.: 7.794 min  
Delta R.T.: 0.000 min  
Response: 103408  
Conc: 33.42 ng/ml



#38 AR-1262-3

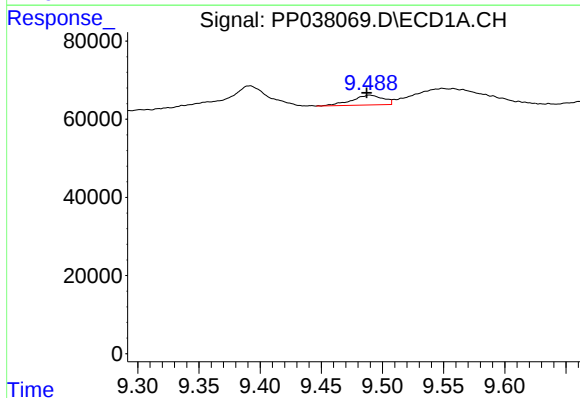
R.T.: 9.392 min  
Delta R.T.: 0.000 min  
Response: 90530  
Conc: 76.44 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
DUP-1



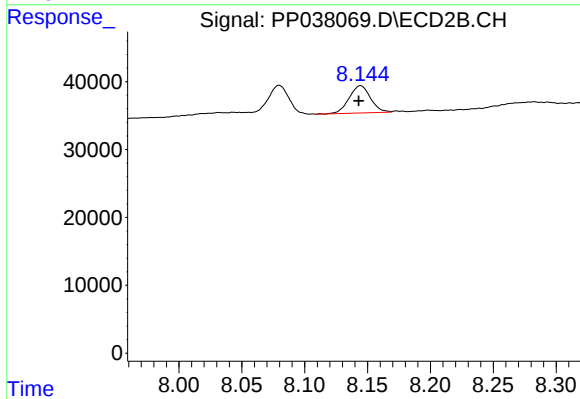
#38 AR-1262-3

R.T.: 8.080 min  
Delta R.T.: 0.000 min  
Response: 47172  
Conc: 37.29 ng/ml



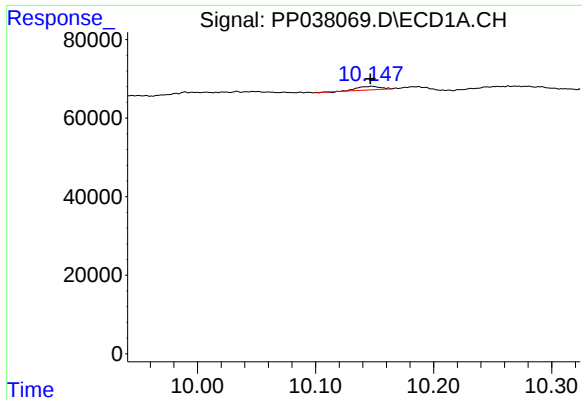
#39 AR-1262-4

R.T.: 9.489 min  
Delta R.T.: 0.002 min  
Response: 44449  
Conc: 58.09 ng/ml



#39 AR-1262-4

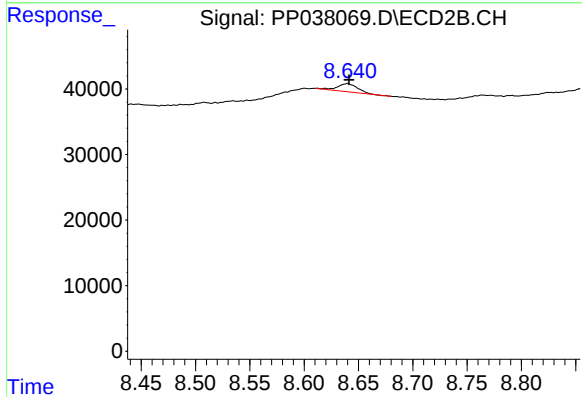
R.T.: 8.145 min  
Delta R.T.: 0.002 min  
Response: 47849  
Conc: 20.21 ng/ml



#40 AR-1262-5

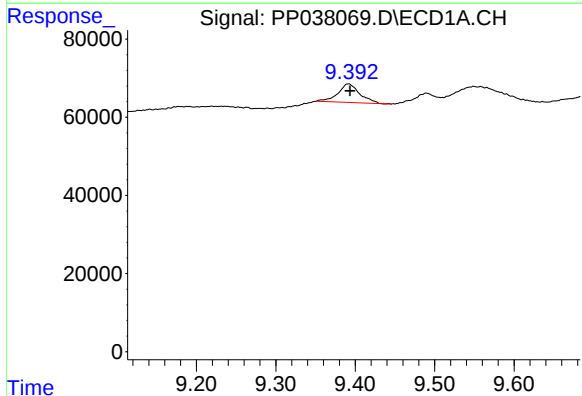
R.T.: 10.148 min  
Delta R.T.: 0.001 min  
Response: 12080  
Conc: 12.18 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
DUP-1



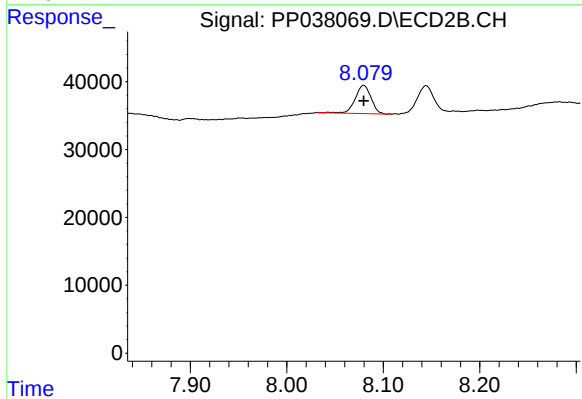
#40 AR-1262-5

R.T.: 8.640 min  
Delta R.T.: -0.001 min  
Response: 15425  
Conc: 13.74 ng/ml



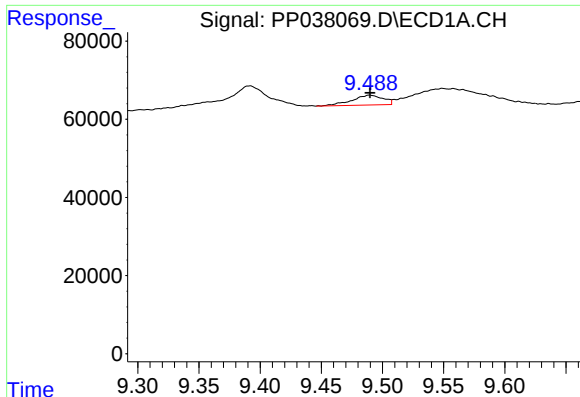
#41 AR-1268-1

R.T.: 9.392 min  
Delta R.T.: -0.001 min  
Response: 90530  
Conc: 27.71 ng/ml



#41 AR-1268-1

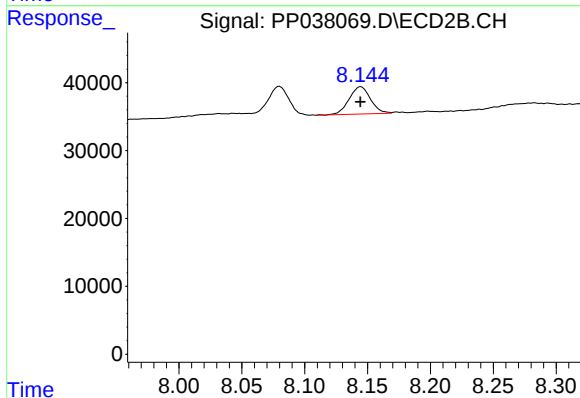
R.T.: 8.080 min  
Delta R.T.: 0.000 min  
Response: 47172  
Conc: 13.00 ng/ml



#42 AR-1268-2

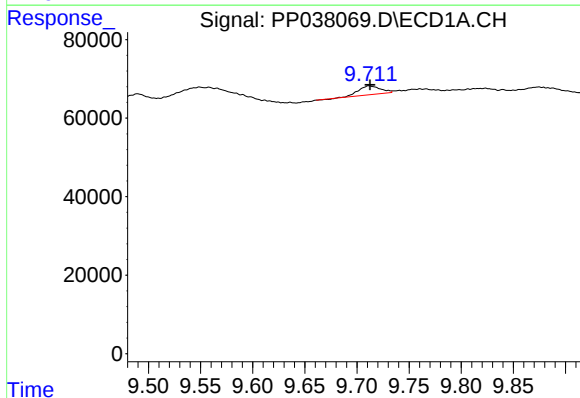
R.T.: 9.489 min  
Delta R.T.: 0.000 min  
Response: 44449  
Conc: 14.53 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
DUP-1



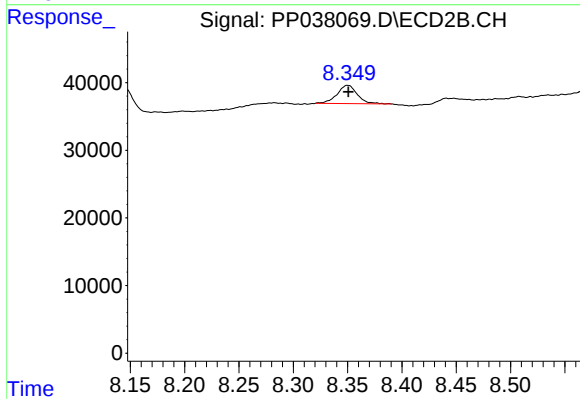
#42 AR-1268-2

R.T.: 8.145 min  
Delta R.T.: 0.000 min  
Response: 47849  
Conc: 14.01 ng/ml



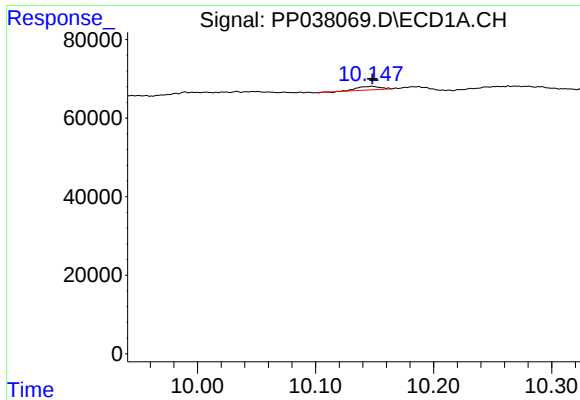
#43 AR-1268-3

R.T.: 9.711 min  
Delta R.T.: -0.001 min  
Response: 32476  
Conc: 12.80 ng/ml



#43 AR-1268-3

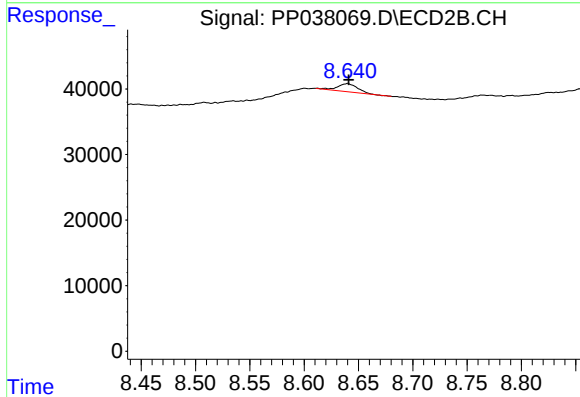
R.T.: 8.350 min  
Delta R.T.: 0.000 min  
Response: 34653  
Conc: 12.16 ng/ml



#44 AR-1268-4

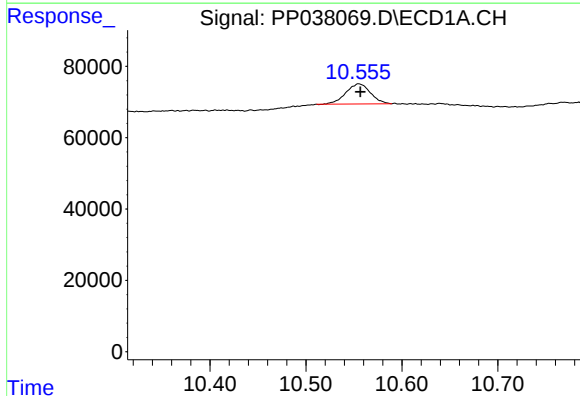
R.T.: 10.148 min  
Delta R.T.: 0.000 min  
Response: 12080  
Conc: 10.95 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
DUP-1



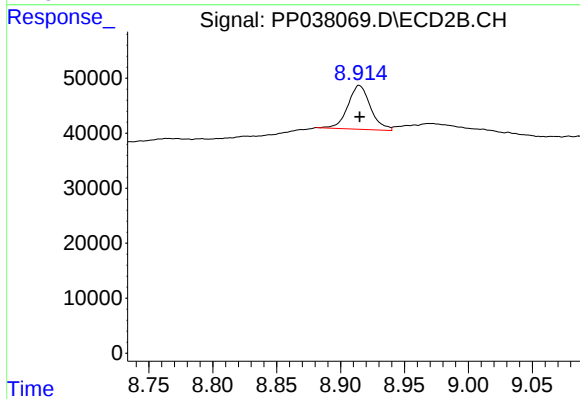
#44 AR-1268-4

R.T.: 8.640 min  
Delta R.T.: 0.000 min  
Response: 15425  
Conc: 12.19 ng/ml



#45 AR-1268-5

R.T.: 10.555 min  
Delta R.T.: -0.002 min  
Response: 100662  
Conc: 11.99 ng/ml



#45 AR-1268-5

R.T.: 8.915 min  
Delta R.T.: 0.000 min  
Response: 97861  
Conc: 10.31 ng/ml