

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP061821\  
 Data File : PP036561.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 18 Jun 2021 16:00  
 Operator : DD\AJ  
 Sample : M2709-02  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 0235-COMPOSITE-L

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 19 02:57:17 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP061721.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Jun 18 06:06:19 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... | 4.965  | 3.959 | 840869  | 583409 | 19.025  | 18.836    |
| 2)                          | SA Decachlor... | 10.999 | 9.263 | 1092408 | 744268 | 25.466  | 23.273    |
| Target Compounds            |                 |        |       |         |        |         |           |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.477 | 0       | 36285  | N.D.    | 51.114 #  |
| 7)                          | L1 AR-1016-5    | 6.797  | 5.707 | 38968   | 30207  | 30.466  | 33.333    |
| 8)                          | L2 AR-1221-1    | 5.216  | 0.000 | 48929   | 0      | 87.154  | N.D. #    |
| 9)                          | L2 AR-1221-2    | 5.316  | 4.311 | 11136   | 11336  | 25.841  | 37.978 #  |
| 10)                         | L2 AR-1221-3    | 5.428f | 0.000 | 21737   | 0      | 16.860  | N.D. #    |
| 11)                         | L3 AR-1232-1    | 5.428f | 0.000 | 21737   | 0      | 20.409  | N.D. #    |
| 12)                         | L3 AR-1232-2    | 5.998  | 0.000 | 3327    | 0      | 6.050   | N.D. #    |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.521 | 0       | 14821  | N.D.    | 47.331 #  |
| 15)                         | L3 AR-1232-5    | 6.579  | 5.707 | 59066   | 30207  | 161.161 | 84.805 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.521 | 0       | 14821  | N.D.    | 22.893 #  |
| 20)                         | L4 AR-1242-5    | 7.266  | 6.085 | 46610   | 117702 | 44.312  | 144.259 # |
| 22)                         | L5 AR-1248-2    | 6.579  | 5.477 | 59066   | 36285  | 43.493  | 38.308    |
| 23)                         | L5 AR-1248-3    | 6.797  | 5.521 | 38968   | 14821  | 23.950  | 14.980 #  |
| 24)                         | L5 AR-1248-4    | 7.226  | 5.707 | 56743   | 30207  | 31.079  | 25.824    |
| 25)                         | L5 AR-1248-5    | 7.266  | 6.127 | 46610   | 16047  | 25.851  | 13.529 #  |
| 26)                         | L6 AR-1254-1    | 7.195  | 6.085 | 115965  | 117702 | 65.939  | 69.466    |
| 27)                         | L6 AR-1254-2    | 7.425  | 6.245 | 189411  | 98131  | 70.004  | 65.974    |
| 28)                         | L6 AR-1254-3    | 7.806  | 6.665 | 177788  | 135054 | 60.022  | 55.551    |
| 29)                         | L6 AR-1254-4    | 8.102  | 6.905 | 131332  | 77066  | 59.741  | 49.801    |
| 30)                         | L6 AR-1254-5    | 8.530  | 7.335 | 141191  | 97150  | 59.370  | 45.180    |
| 31)                         | L7 AR-1260-1    | 7.973  | 6.804 | 73929   | 59283  | 34.061  | 36.821    |
| 32)                         | L7 AR-1260-2    | 8.237  | 7.001 | 101993  | 62728  | 39.795  | 32.346    |
| 33)                         | L7 AR-1260-3    | 8.600  | 7.154 | 24348   | 63825  | 12.147  | 35.094 #  |
| 34)                         | L7 AR-1260-4    | 8.828  | 7.641 | 63555   | 13492  | 26.825  | 8.700 #   |
| 35)                         | L7 AR-1260-5    | 9.163  | 7.888 | 49106   | 33248  | 11.005  | 9.048     |
| 36)                         | L8 AR-1262-1    | 8.600  | 7.335 | 24348   | 97150  | 8.545   | 81.509 #  |
| 37)                         | L8 AR-1262-2    | 9.163  | 7.888 | 49106   | 33248  | 9.665   | 8.482     |
| 38)                         | L8 AR-1262-3    | 9.476  | 8.177 | 23545   | 27696  | 6.356   | 17.403 #  |
| 39)                         | L8 AR-1262-4    | 9.550f | 8.238 | 35228   | 32025  | 12.265  | 10.760    |
| 41)                         | L9 AR-1268-1    | 9.476  | 8.177 | 23545   | 27696  | 3.925   | 5.948 #   |
| 42)                         | L9 AR-1268-2    | 9.550f | 8.238 | 35228   | 32025  | 6.180   | 7.424     |
| 43)                         | L9 AR-1268-3    | 9.800  | 8.450 | 79616   | 39412  | 16.560  | 10.795 #  |
| 45)                         | L9 AR-1268-5    | 10.659 | 9.018 | 158771  | 126820 | 10.324  | 10.727    |
| -----                       |                 |        |       |         |        |         |           |

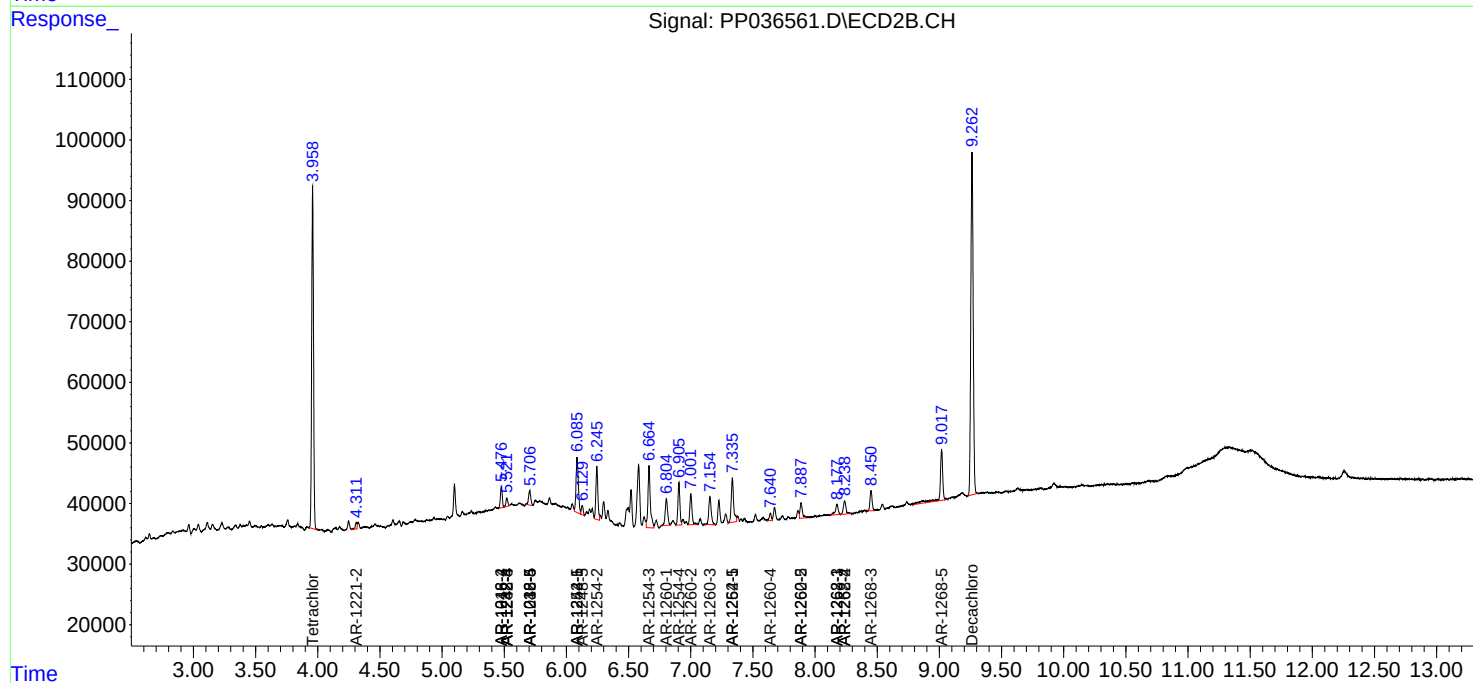
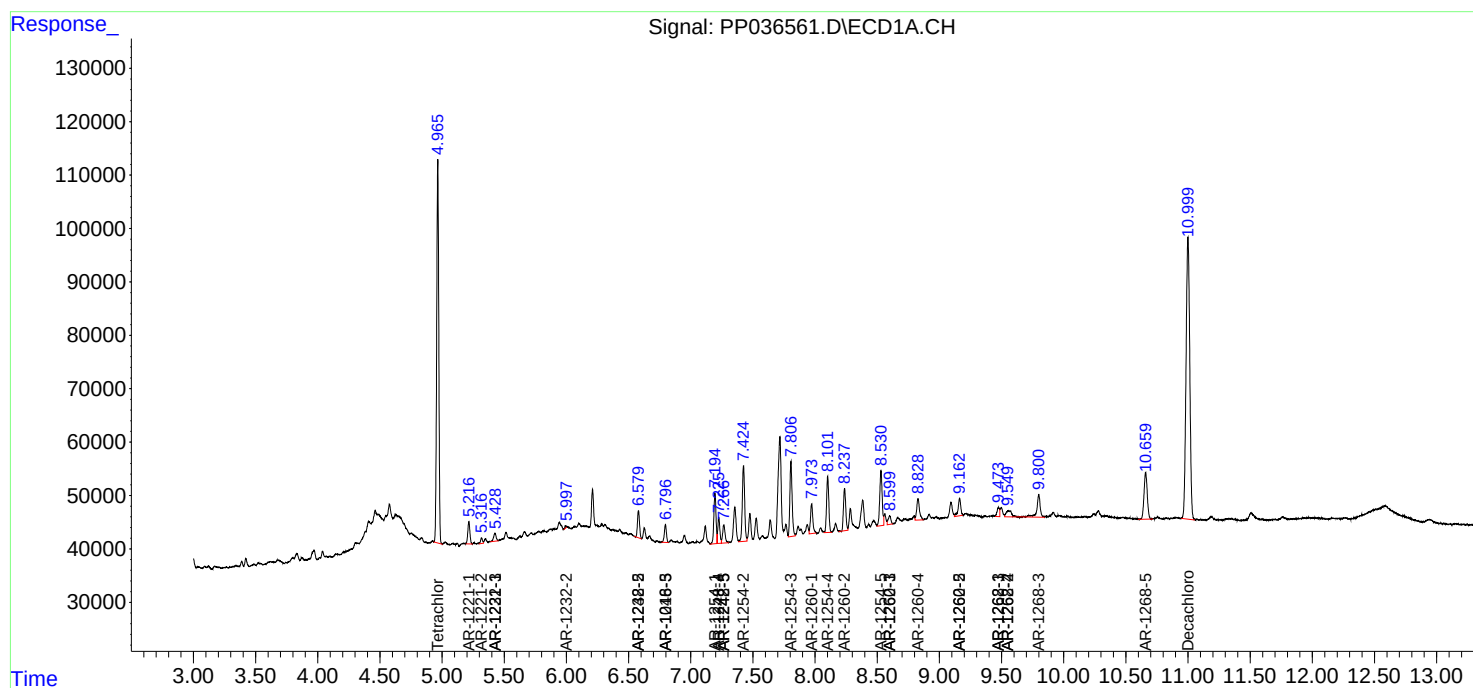
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

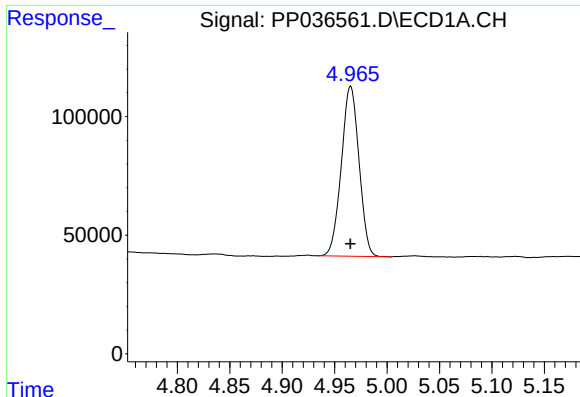
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP061821\  
Data File : PP036561.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 18 Jun 2021 16:00  
Operator : DD\AJ  
Sample : M2709-02  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
0235-COMPOSITE-L

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 19 02:57:17 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP061721.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Jun 18 06:06:19 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

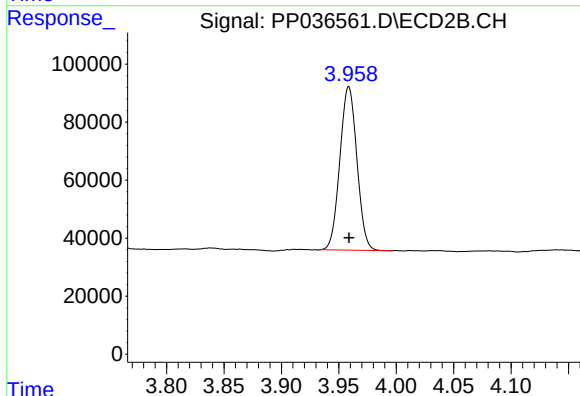




#1 Tetrachloro-m-xylene

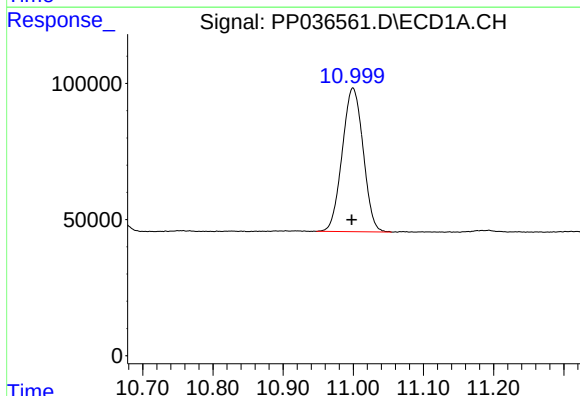
R.T.: 4.965 min  
Delta R.T.: 0.000 min  
Response: 840869  
Conc: 19.02 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
0235-COMPOSITE-L



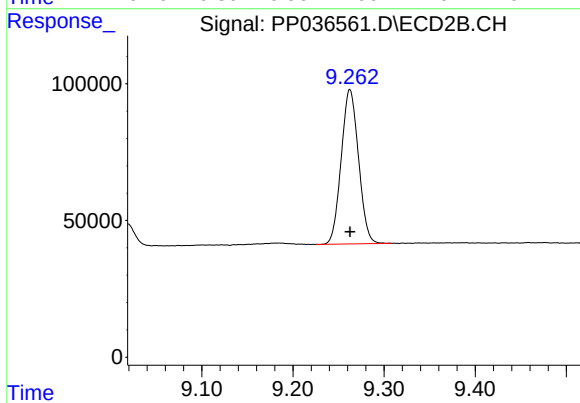
#1 Tetrachloro-m-xylene

R.T.: 3.959 min  
Delta R.T.: 0.000 min  
Response: 583409  
Conc: 18.84 ng/ml



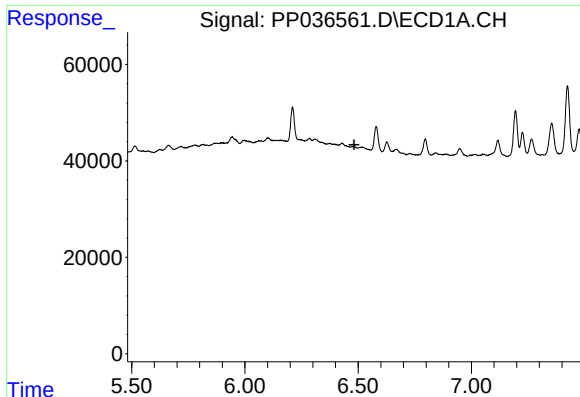
#2 Decachlorobiphenyl

R.T.: 10.999 min  
Delta R.T.: 0.002 min  
Response: 1092408  
Conc: 25.47 ng/ml



#2 Decachlorobiphenyl

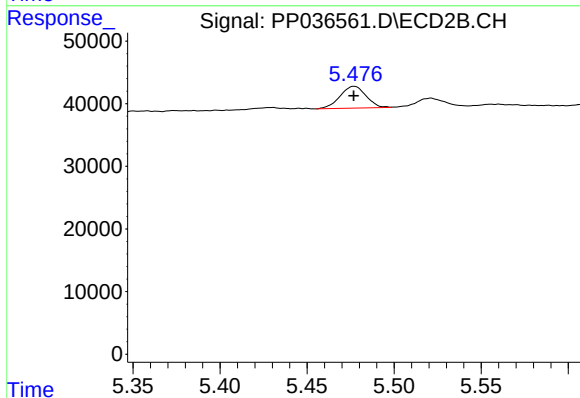
R.T.: 9.263 min  
Delta R.T.: 0.000 min  
Response: 744268  
Conc: 23.27 ng/ml



#6 AR-1016-4

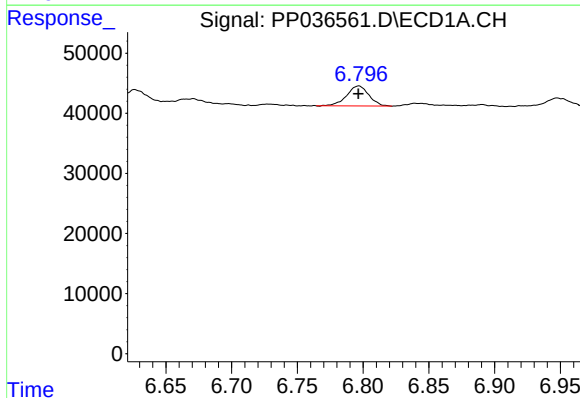
R.T.: 0.000 min  
Exp R.T.: 6.482 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
0235-COMPOSITE-L



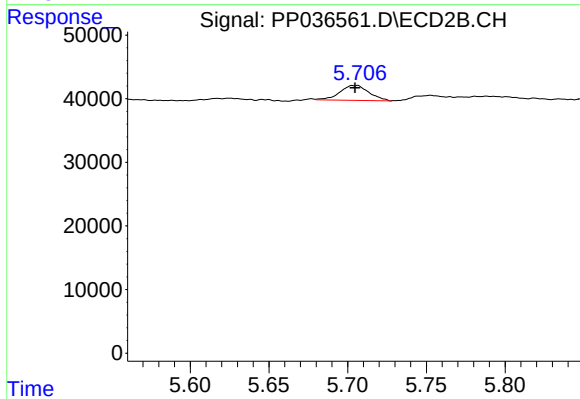
#6 AR-1016-4

R.T.: 5.477 min  
Delta R.T.: 0.000 min  
Response: 36285  
Conc: 51.11 ng/ml



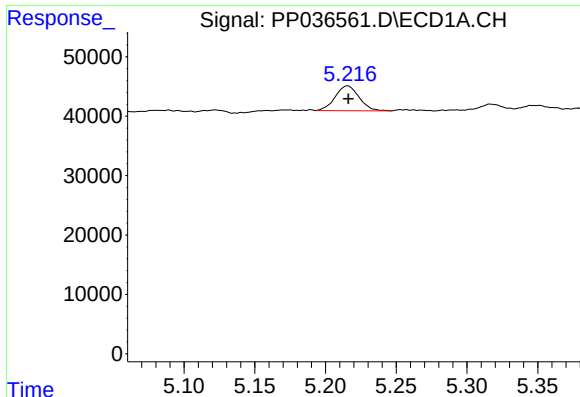
#7 AR-1016-5

R.T.: 6.797 min  
Delta R.T.: 0.000 min  
Response: 38968  
Conc: 30.47 ng/ml



#7 AR-1016-5

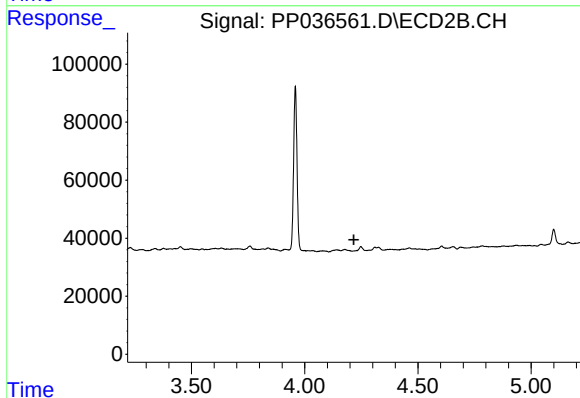
R.T.: 5.707 min  
Delta R.T.: 0.002 min  
Response: 30207  
Conc: 33.33 ng/ml



#8 AR-1221-1

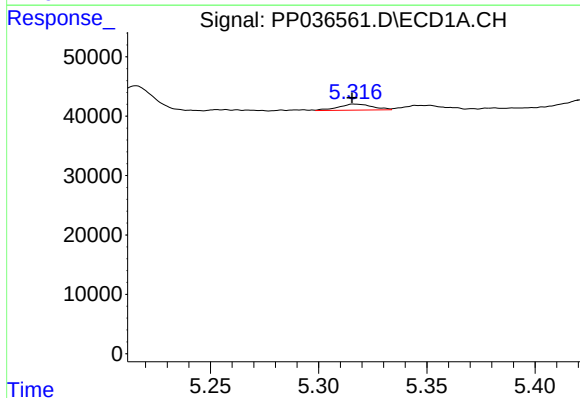
R.T.: 5.216 min  
Delta R.T.: 0.000 min  
Response: 48929  
Conc: 87.15 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
0235-COMPOSITE-L



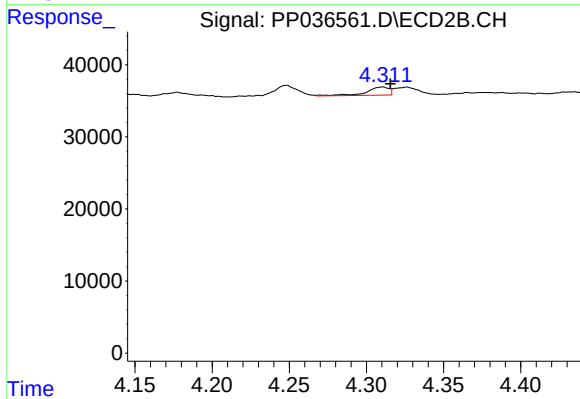
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 4.217 min  
Response: 0  
Conc: N.D.



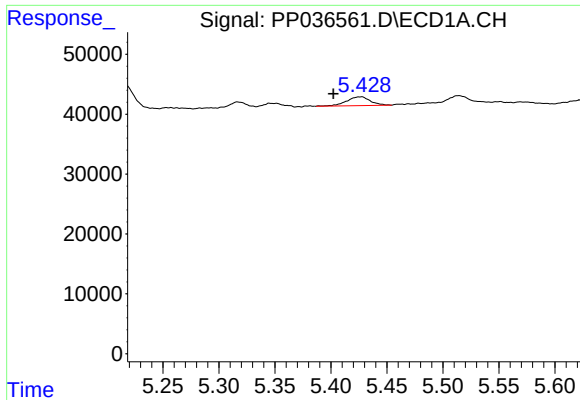
#9 AR-1221-2

R.T.: 5.316 min  
Delta R.T.: 0.000 min  
Response: 11136  
Conc: 25.84 ng/ml



#9 AR-1221-2

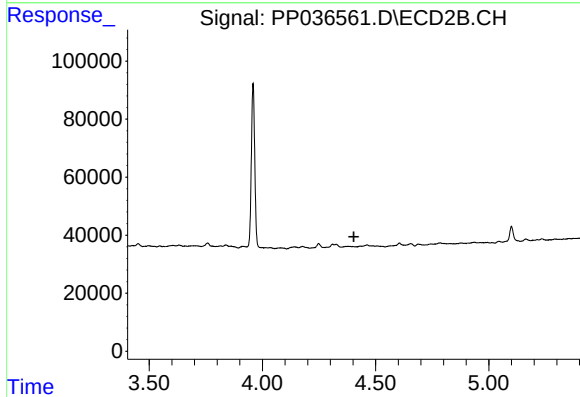
R.T.: 4.311 min  
Delta R.T.: -0.005 min  
Response: 11336  
Conc: 37.98 ng/ml



#10 AR-1221-3

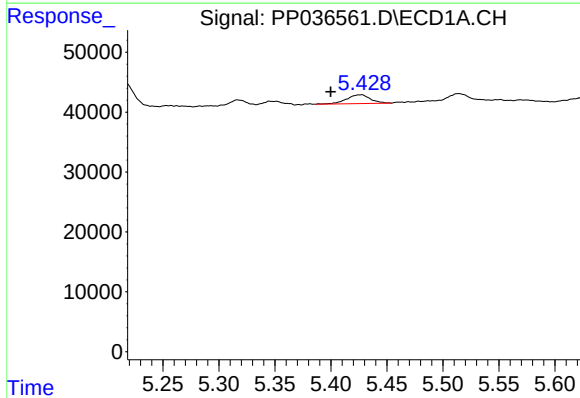
R.T.: 5.428 min  
Delta R.T.: 0.026 min  
Response: 21737  
Conc: 16.86 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
0235-COMPOSITE-L



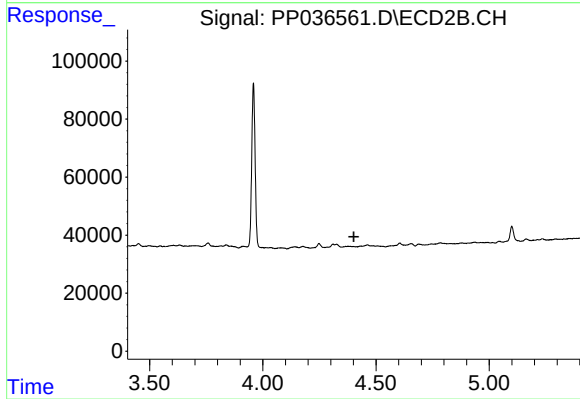
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 4.404 min  
Response: 0  
Conc: N.D.



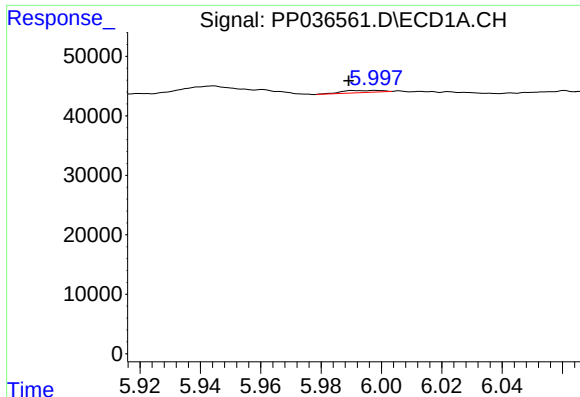
#11 AR-1232-1

R.T.: 5.428 min  
Delta R.T.: 0.028 min  
Response: 21737  
Conc: 20.41 ng/ml



#11 AR-1232-1

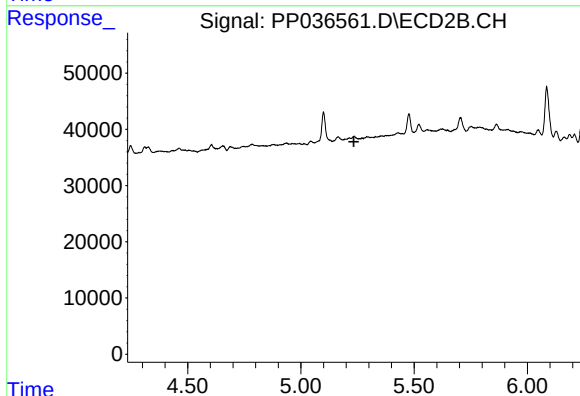
R.T.: 0.000 min  
Exp R.T. : 4.402 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

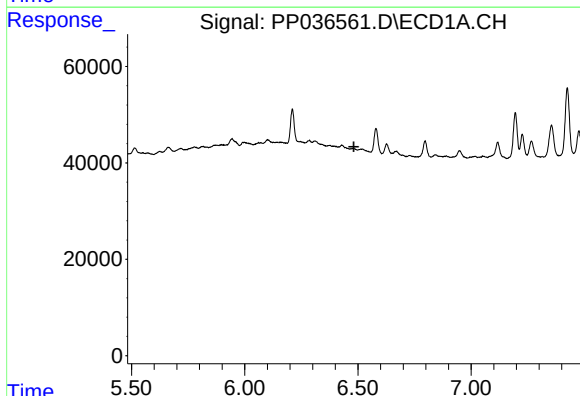
R.T.: 5.998 min  
Delta R.T.: 0.009 min  
Response: 3327  
Conc: 6.05 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
0235-COMPOSITE-L



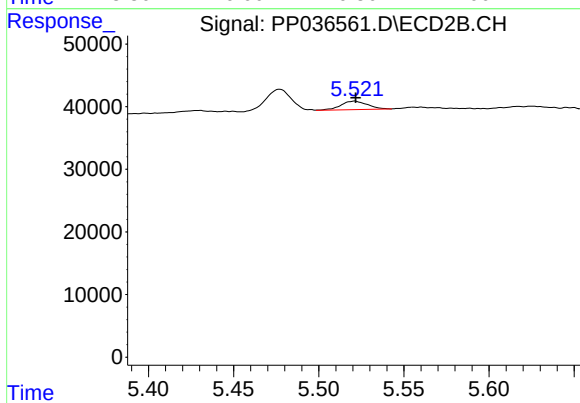
#12 AR-1232-2

R.T.: 0.000 min  
Exp R.T. : 5.234 min  
Response: 0  
Conc: N.D.



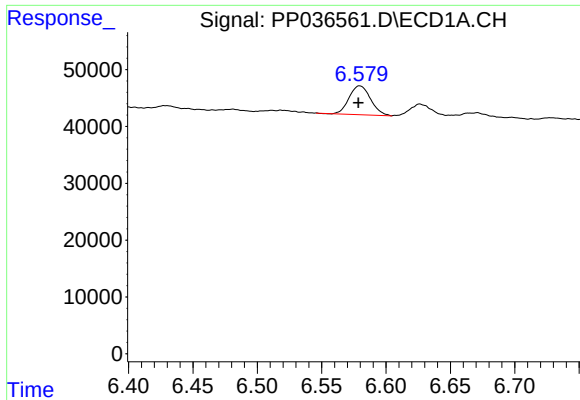
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 6.482 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

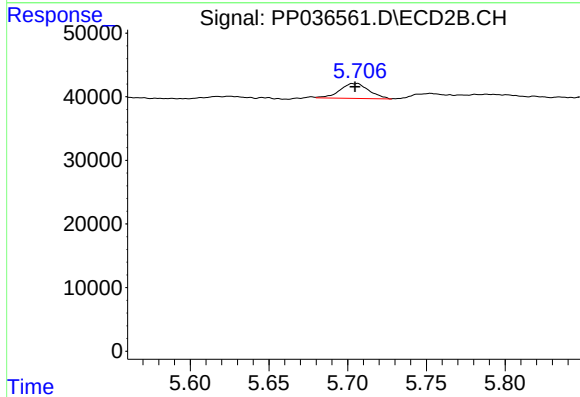
R.T.: 5.521 min  
Delta R.T.: 0.000 min  
Response: 14821  
Conc: 47.33 ng/ml



#15 AR-1232-5

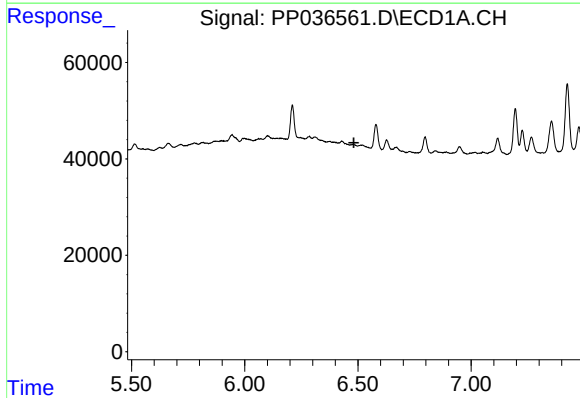
R.T.: 6.579 min  
Delta R.T.: 0.000 min  
Response: 59066  
Conc: 161.16 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
0235-COMPOSITE-L



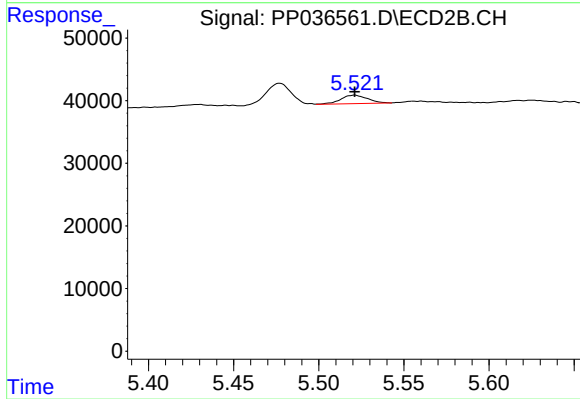
#15 AR-1232-5

R.T.: 5.707 min  
Delta R.T.: 0.002 min  
Response: 30207  
Conc: 84.81 ng/ml



#19 AR-1242-4

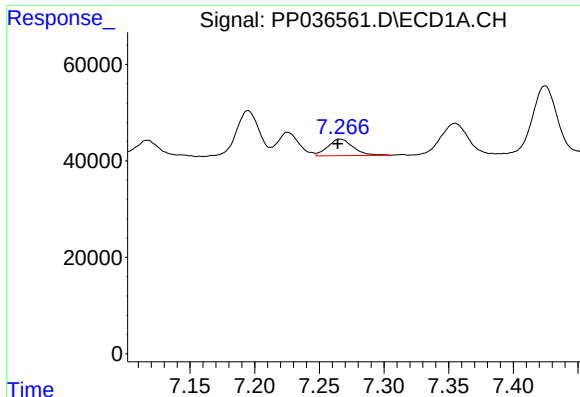
R.T.: 0.000 min  
Exp R.T. : 6.482 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

R.T.: 5.521 min  
Delta R.T.: 0.000 min  
Response: 14821  
Conc: 22.89 ng/ml

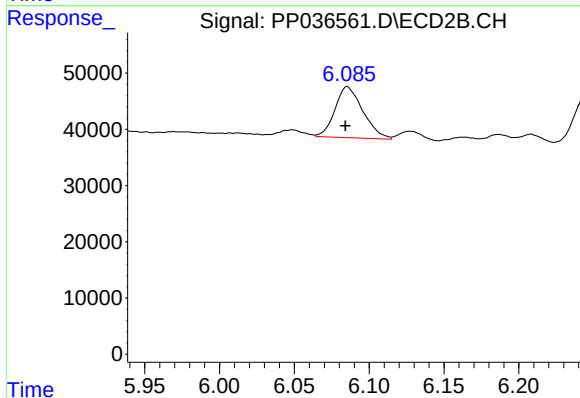




#20 AR-1242-5

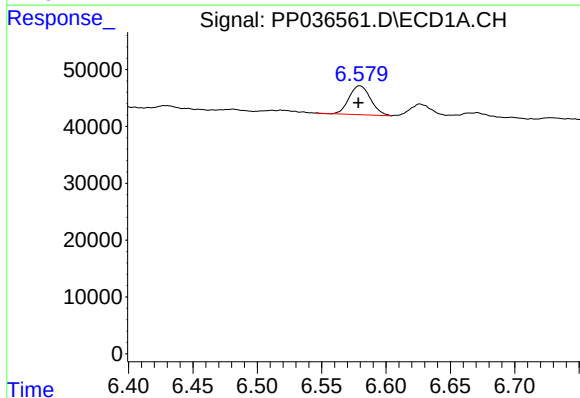
R.T.: 7.266 min  
Delta R.T.: 0.002 min  
Response: 46610  
Conc: 44.31 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
0235-COMPOSITE-L



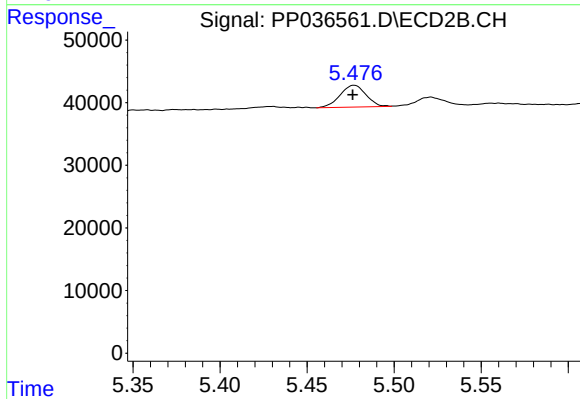
#20 AR-1242-5

R.T.: 6.085 min  
Delta R.T.: 0.001 min  
Response: 117702  
Conc: 144.26 ng/ml



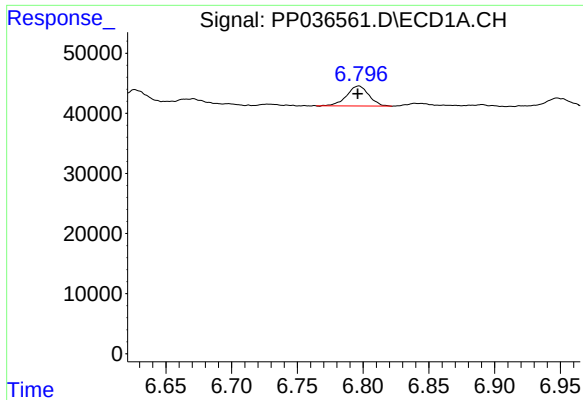
#22 AR-1248-2

R.T.: 6.579 min  
Delta R.T.: 0.000 min  
Response: 59066  
Conc: 43.49 ng/ml



#22 AR-1248-2

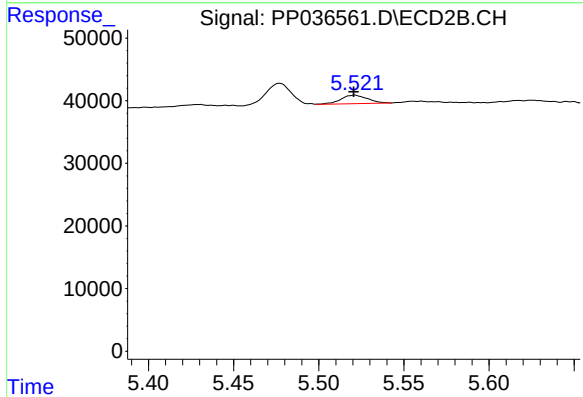
R.T.: 5.477 min  
Delta R.T.: 0.000 min  
Response: 36285  
Conc: 38.31 ng/ml



#23 AR-1248-3

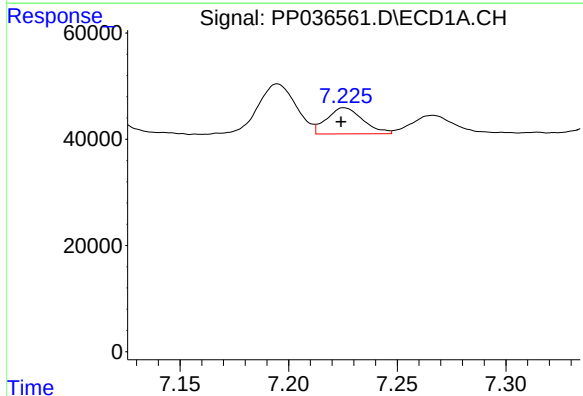
R.T.: 6.797 min  
Delta R.T.: 0.000 min  
Response: 38968  
Conc: 23.95 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
0235-COMPOSITE-L



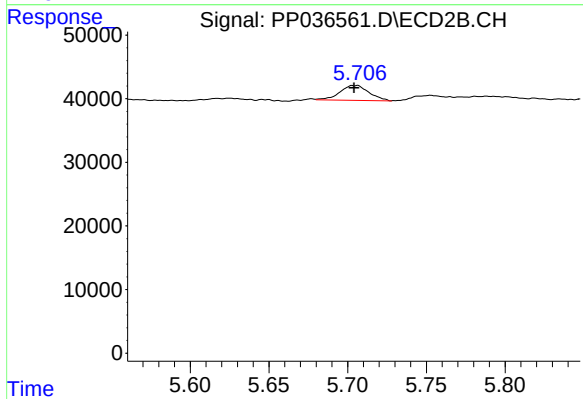
#23 AR-1248-3

R.T.: 5.521 min  
Delta R.T.: 0.000 min  
Response: 14821  
Conc: 14.98 ng/ml



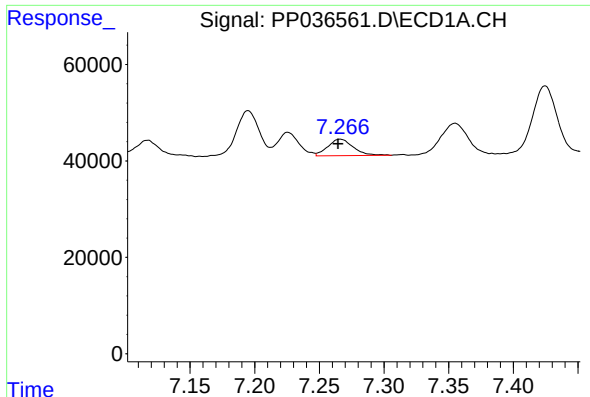
#24 AR-1248-4

R.T.: 7.226 min  
Delta R.T.: 0.001 min  
Response: 56743  
Conc: 31.08 ng/ml



#24 AR-1248-4

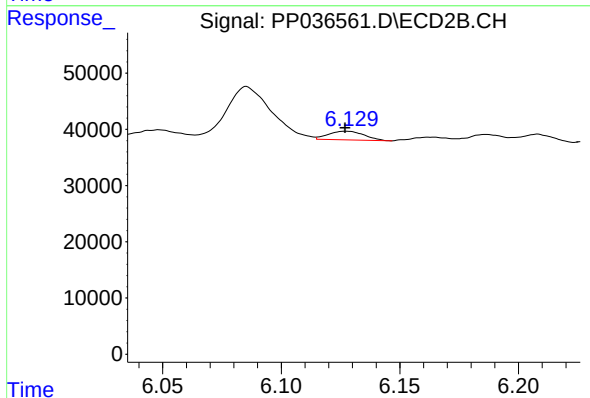
R.T.: 5.707 min  
Delta R.T.: 0.002 min  
Response: 30207  
Conc: 25.82 ng/ml



#25 AR-1248-5

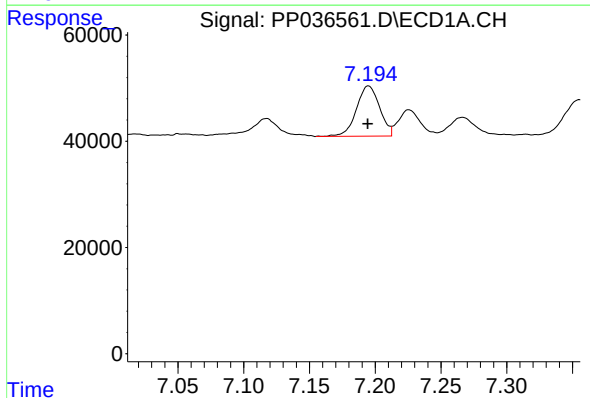
R.T.: 7.266 min  
Delta R.T.: 0.002 min  
Response: 46610  
Conc: 25.85 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
0235-COMPOSITE-L



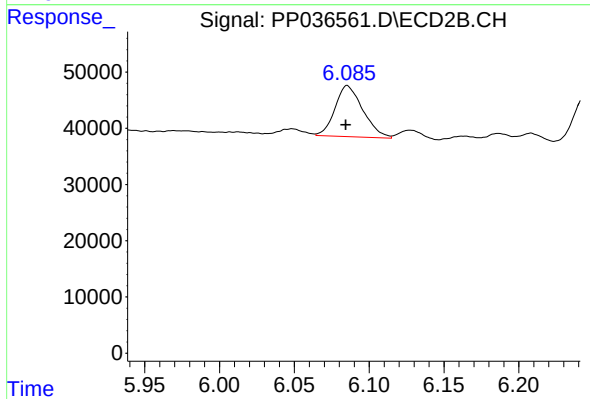
#25 AR-1248-5

R.T.: 6.127 min  
Delta R.T.: 0.000 min  
Response: 16047  
Conc: 13.53 ng/ml



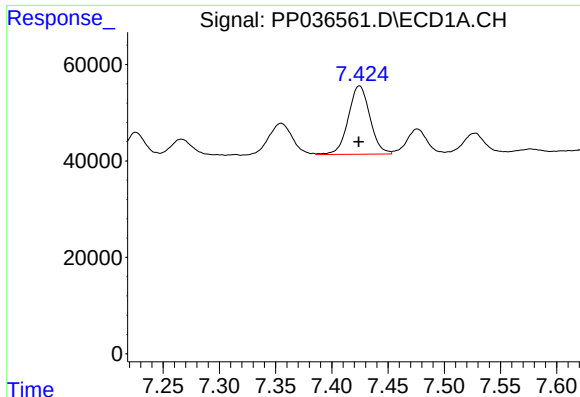
#26 AR-1254-1

R.T.: 7.195 min  
Delta R.T.: 0.000 min  
Response: 115965  
Conc: 65.94 ng/ml



#26 AR-1254-1

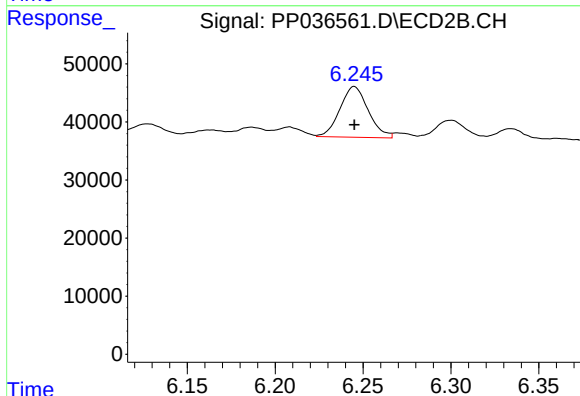
R.T.: 6.085 min  
Delta R.T.: 0.000 min  
Response: 117702  
Conc: 69.47 ng/ml



#27 AR-1254-2

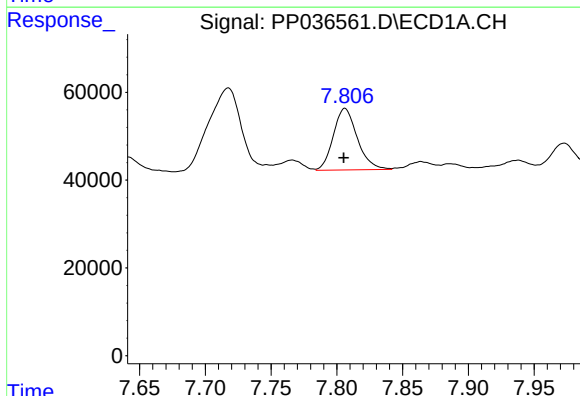
R.T.: 7.425 min  
Delta R.T.: 0.000 min  
Response: 189411  
Conc: 70.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
0235-COMPOSITE-L



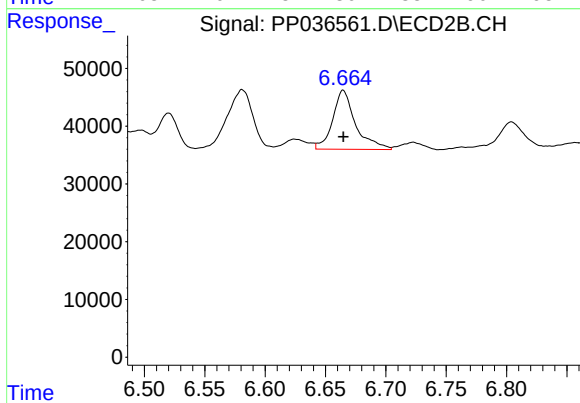
#27 AR-1254-2

R.T.: 6.245 min  
Delta R.T.: 0.000 min  
Response: 98131  
Conc: 65.97 ng/ml



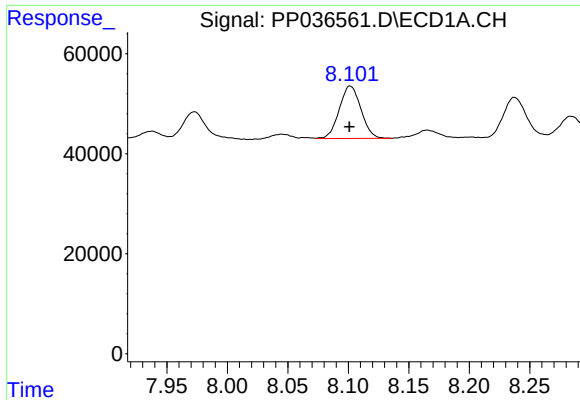
#28 AR-1254-3

R.T.: 7.806 min  
Delta R.T.: 0.001 min  
Response: 177788  
Conc: 60.02 ng/ml



#28 AR-1254-3

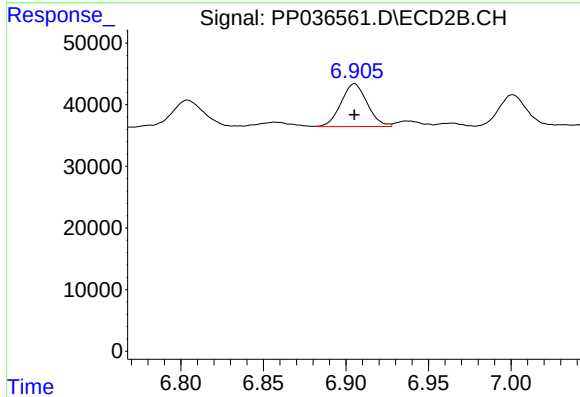
R.T.: 6.665 min  
Delta R.T.: 0.000 min  
Response: 135054  
Conc: 55.55 ng/ml



#29 AR-1254-4

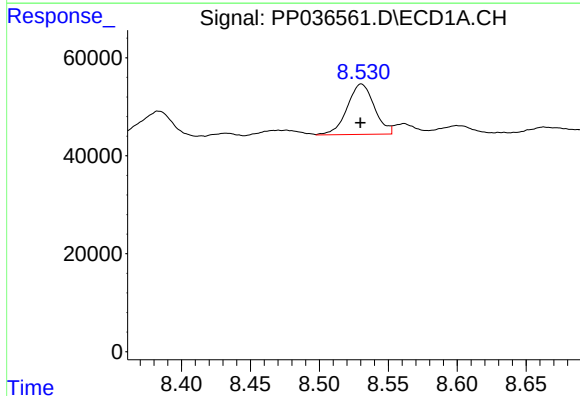
R.T.: 8.102 min  
Delta R.T.: 0.000 min  
Response: 131332  
Conc: 59.74 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
0235-COMPOSITE-L



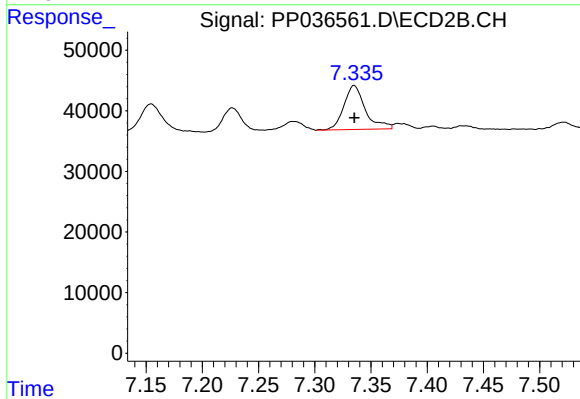
#29 AR-1254-4

R.T.: 6.905 min  
Delta R.T.: 0.000 min  
Response: 77066  
Conc: 49.80 ng/ml



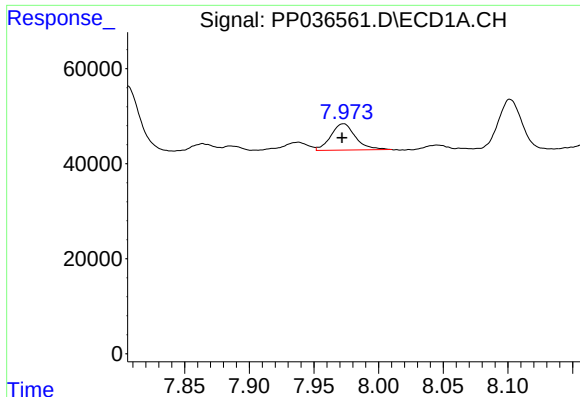
#30 AR-1254-5

R.T.: 8.530 min  
Delta R.T.: 0.000 min  
Response: 141191  
Conc: 59.37 ng/ml



#30 AR-1254-5

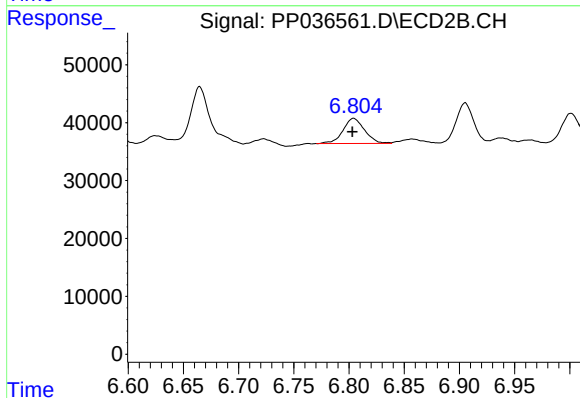
R.T.: 7.335 min  
Delta R.T.: 0.000 min  
Response: 97150  
Conc: 45.18 ng/ml



#31 AR-1260-1

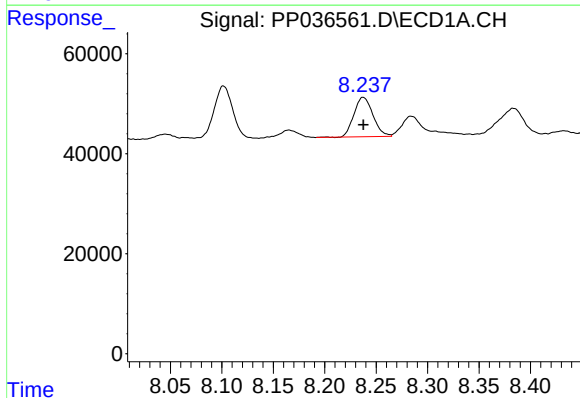
R.T.: 7.973 min  
Delta R.T.: 0.001 min  
Response: 73929  
Conc: 34.06 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
0235-COMPOSITE-L



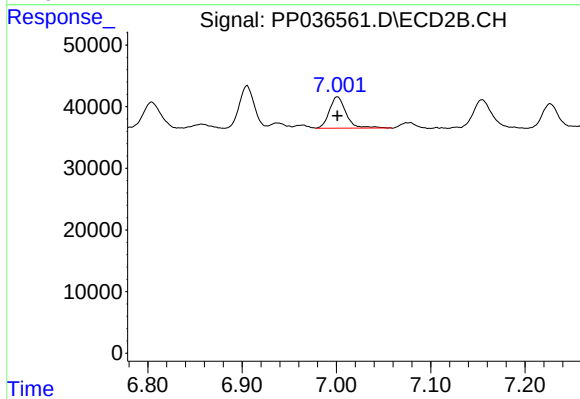
#31 AR-1260-1

R.T.: 6.804 min  
Delta R.T.: 0.001 min  
Response: 59283  
Conc: 36.82 ng/ml



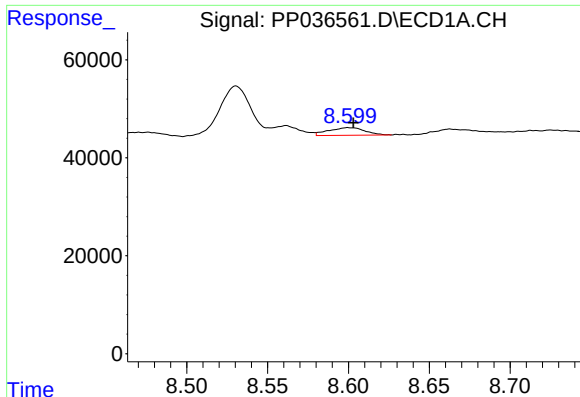
#32 AR-1260-2

R.T.: 8.237 min  
Delta R.T.: 0.000 min  
Response: 101993  
Conc: 39.80 ng/ml



#32 AR-1260-2

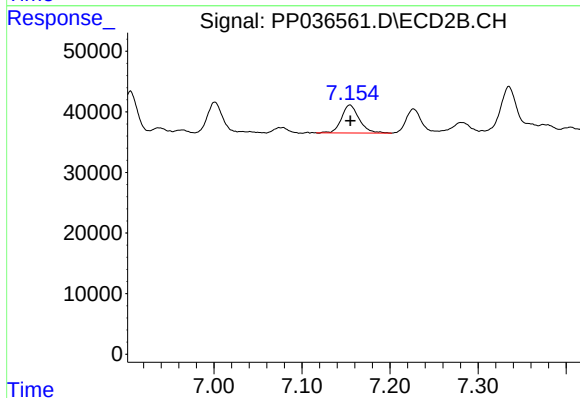
R.T.: 7.001 min  
Delta R.T.: 0.000 min  
Response: 62728  
Conc: 32.35 ng/ml



#33 AR-1260-3

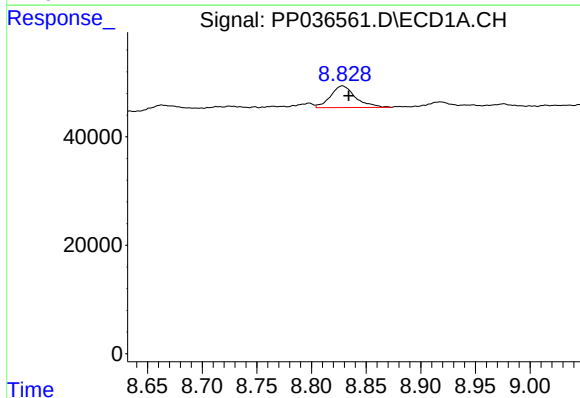
R.T.: 8.600 min  
Delta R.T.: -0.003 min  
Response: 24348  
Conc: 12.15 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
0235-COMPOSITE-L



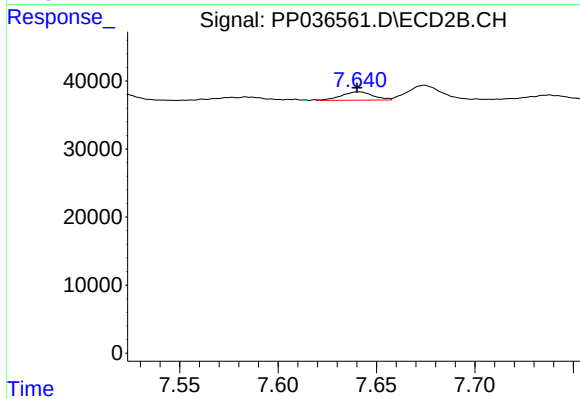
#33 AR-1260-3

R.T.: 7.154 min  
Delta R.T.: 0.000 min  
Response: 63825  
Conc: 35.09 ng/ml



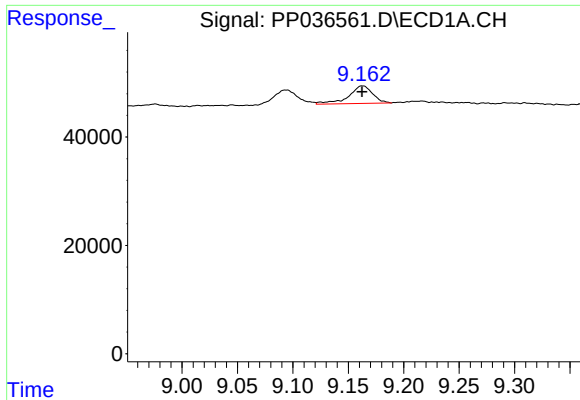
#34 AR-1260-4

R.T.: 8.828 min  
Delta R.T.: -0.006 min  
Response: 63555  
Conc: 26.83 ng/ml



#34 AR-1260-4

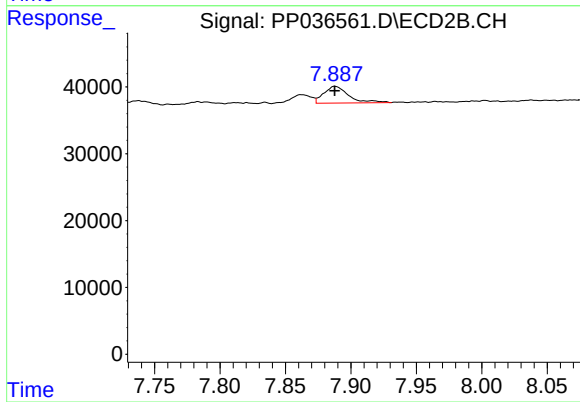
R.T.: 7.641 min  
Delta R.T.: 0.000 min  
Response: 13492  
Conc: 8.70 ng/ml



#35 AR-1260-5

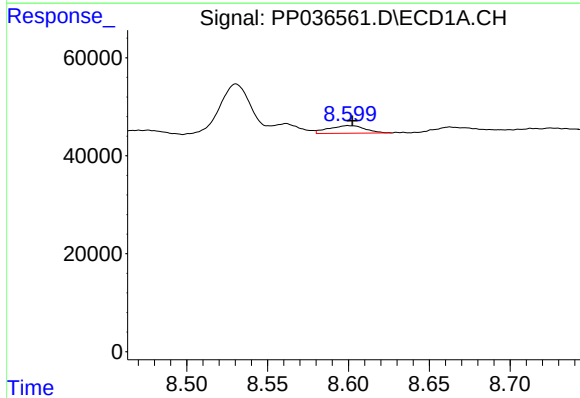
R.T.: 9.163 min  
Delta R.T.: 0.000 min  
Response: 49106  
Conc: 11.01 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
0235-COMPOSITE-L



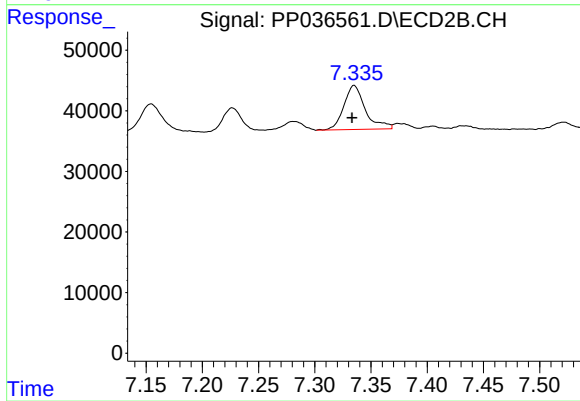
#35 AR-1260-5

R.T.: 7.888 min  
Delta R.T.: 0.000 min  
Response: 33248  
Conc: 9.05 ng/ml



#36 AR-1262-1

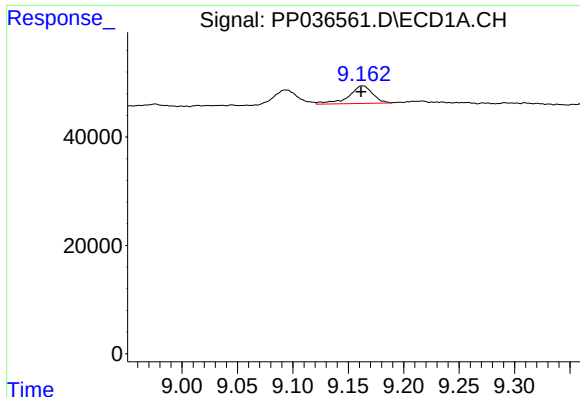
R.T.: 8.600 min  
Delta R.T.: -0.002 min  
Response: 24348  
Conc: 8.54 ng/ml



#36 AR-1262-1

R.T.: 7.335 min  
Delta R.T.: 0.002 min  
Response: 97150  
Conc: 81.51 ng/ml

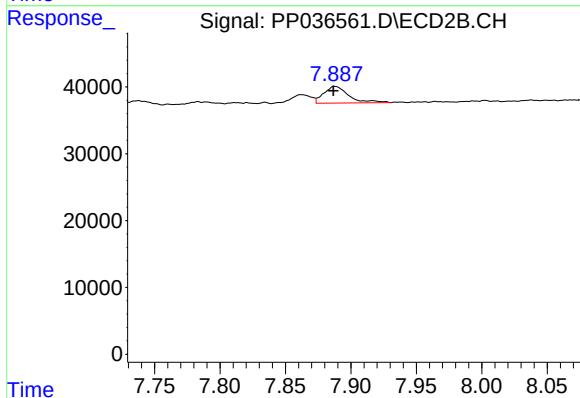




#37 AR-1262-2

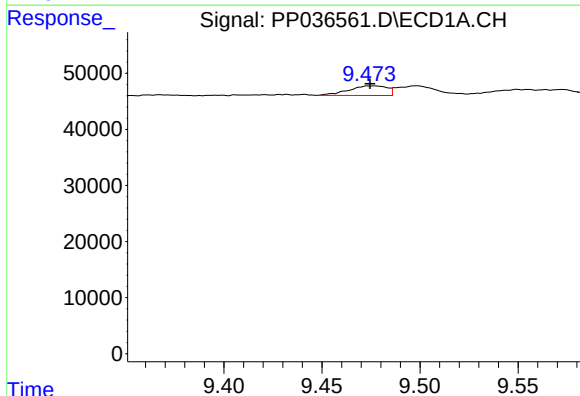
R.T.: 9.163 min  
Delta R.T.: 0.001 min  
Response: 49106  
Conc: 9.66 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
0235-COMPOSITE-L



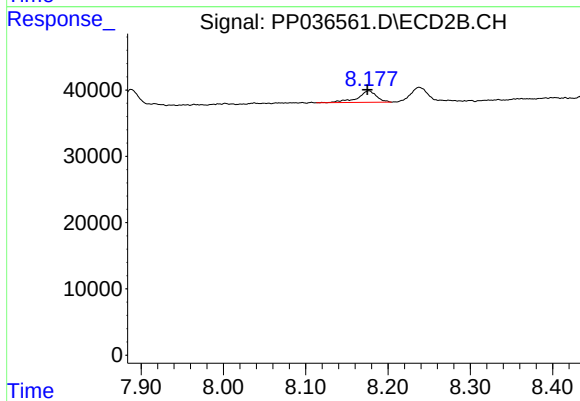
#37 AR-1262-2

R.T.: 7.888 min  
Delta R.T.: 0.001 min  
Response: 33248  
Conc: 8.48 ng/ml



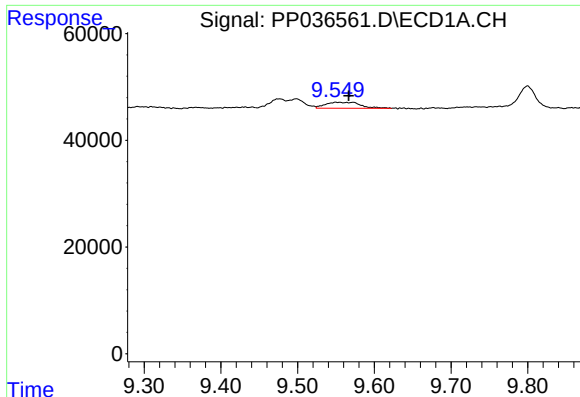
#38 AR-1262-3

R.T.: 9.476 min  
Delta R.T.: 0.002 min  
Response: 23545  
Conc: 6.36 ng/ml



#38 AR-1262-3

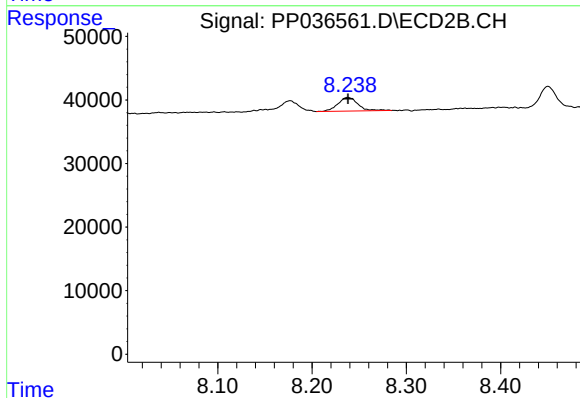
R.T.: 8.177 min  
Delta R.T.: 0.002 min  
Response: 27696  
Conc: 17.40 ng/ml



#39 AR-1262-4

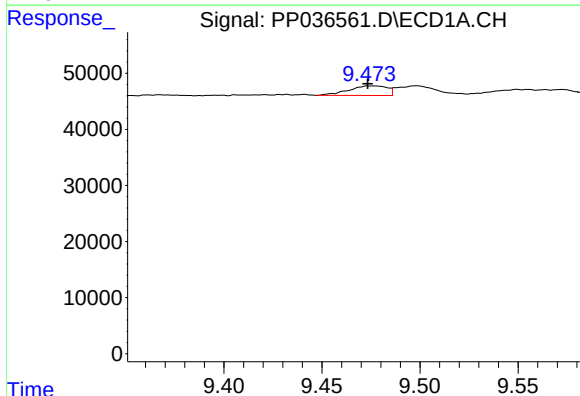
R.T.: 9.550 min  
Delta R.T.: -0.017 min  
Response: 35228  
Conc: 12.27 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
0235-COMPOSITE-L



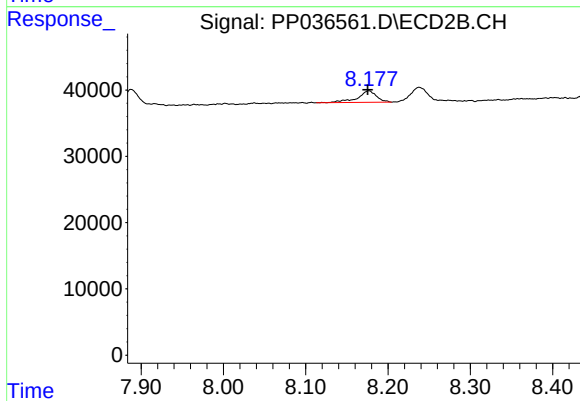
#39 AR-1262-4

R.T.: 8.238 min  
Delta R.T.: 0.000 min  
Response: 32025  
Conc: 10.76 ng/ml



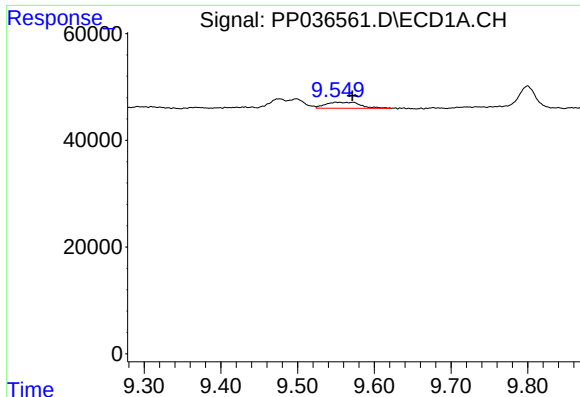
#41 AR-1268-1

R.T.: 9.476 min  
Delta R.T.: 0.003 min  
Response: 23545  
Conc: 3.92 ng/ml



#41 AR-1268-1

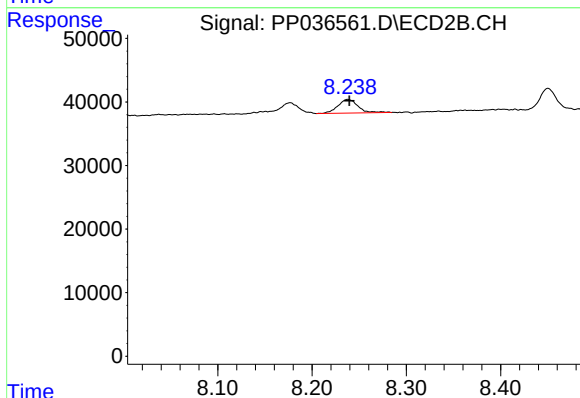
R.T.: 8.177 min  
Delta R.T.: 0.002 min  
Response: 27696  
Conc: 5.95 ng/ml



#42 AR-1268-2

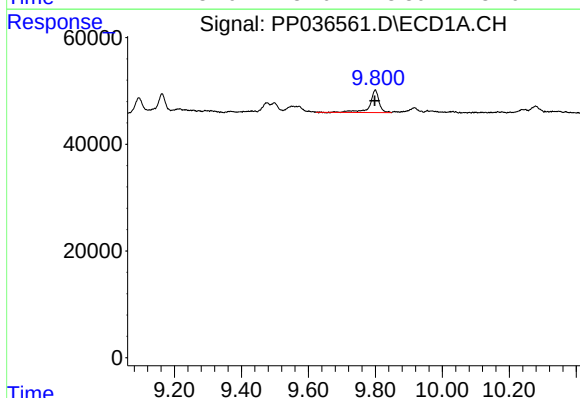
R.T.: 9.550 min  
Delta R.T.: -0.022 min  
Response: 35228  
Conc: 6.18 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
0235-COMPOSITE-L



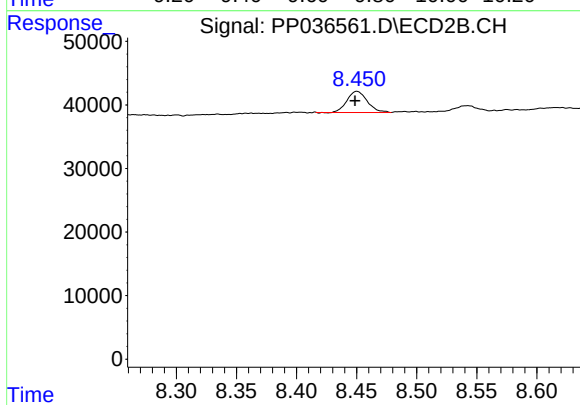
#42 AR-1268-2

R.T.: 8.238 min  
Delta R.T.: -0.002 min  
Response: 32025  
Conc: 7.42 ng/ml



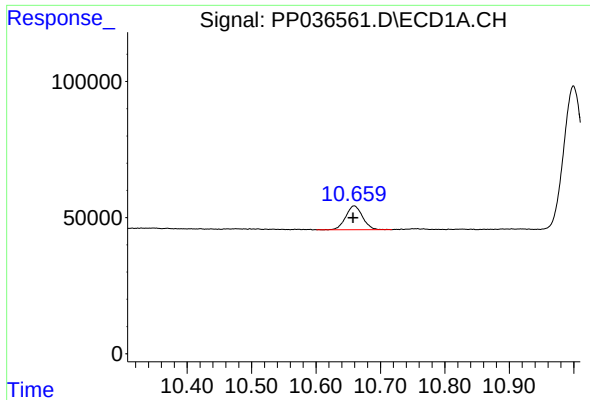
#43 AR-1268-3

R.T.: 9.800 min  
Delta R.T.: 0.001 min  
Response: 79616  
Conc: 16.56 ng/ml



#43 AR-1268-3

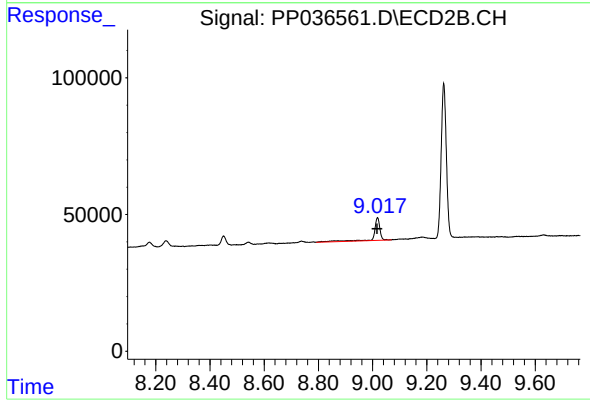
R.T.: 8.450 min  
Delta R.T.: 0.002 min  
Response: 39412  
Conc: 10.79 ng/ml



#45 AR-1268-5

R.T.: 10.659 min  
Delta R.T.: 0.002 min  
Response: 158771  
Conc: 10.32 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
0235-COMPOSITE-L



#45 AR-1268-5

R.T.: 9.018 min  
Delta R.T.: 0.001 min  
Response: 126820  
Conc: 10.73 ng/ml