

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP061821\  
 Data File : PP036593.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 19 Jun 2021 2:05  
 Operator : DD\AJ  
 Sample : M2716-05  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 33220

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 19 03:15:43 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... | 4.964  | 3.957  | 698625 | 476008 | 15.806  | 15.368    |
| 2)                          | SA Decachlor... | 10.999 | 9.261  | 544532 | 363273 | 12.694  | 11.359    |
| Target Compounds            |                 |        |        |        |        |         |           |
| 3)                          | L1 AR-1016-1    | 6.266f | 5.211  | 122465 | 31696  | 72.300  | 26.887 #  |
| 4)                          | L1 AR-1016-2    | 0.000  | 5.257f | 0      | 28713  | N.D.    | 17.679 #  |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.423  | 0      | 108749 | N.D.    | 120.536 # |
| 6)                          | L1 AR-1016-4    | 6.497f | 0.000  | 343921 | 0      | 267.529 | N.D. #    |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.689f | 0      | 26418  | N.D.    | 29.151 #  |
| 8)                          | L2 AR-1221-1    | 5.213  | 0.000  | 144510 | 0      | 257.405 | N.D. #    |
| 9)                          | L2 AR-1221-2    | 5.319  | 4.302  | 10842  | 4420   | 25.160  | 14.808 #  |
| 10)                         | L2 AR-1221-3    | 5.397  | 4.401  | 66720  | 81254  | 51.752  | 89.979 #  |
| 11)                         | L3 AR-1232-1    | 5.397  | 4.401  | 66720  | 81254  | 62.643  | 110.450 # |
| 12)                         | L3 AR-1232-2    | 6.006f | 5.257f | 333433 | 28713  | 606.268 | 42.940 #  |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.423  | 0      | 108749 | N.D.    | 299.770 # |
| 14)                         | L3 AR-1232-4    | 6.497  | 0.000  | 343921 | 0      | 637.149 | N.D. #    |
| 15)                         | L3 AR-1232-5    | 6.589  | 5.689f | 114256 | 26418  | 311.749 | 74.167 #  |
| 16)                         | L4 AR-1242-1    | 6.266f | 5.211  | 122465 | 31696  | 95.501  | 35.609 #  |
| 17)                         | L4 AR-1242-2    | 0.000  | 5.211f | 0      | 31696  | N.D.    | 25.984 #  |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.423  | 0      | 108749 | N.D.    | 161.617 # |
| 19)                         | L4 AR-1242-4    | 6.497  | 0.000  | 343921 | 0      | 355.376 | N.D. #    |
| 20)                         | L4 AR-1242-5    | 7.256  | 0.000  | 517155 | 0      | 491.651 | N.D. #    |
| 21)                         | L5 AR-1248-1    | 6.266f | 5.211  | 122465 | 31696  | 121.394 | 45.489 #  |
| 22)                         | L5 AR-1248-2    | 6.589  | 0.000  | 114256 | 0      | 84.132  | N.D. #    |
| 24)                         | L5 AR-1248-4    | 0.000  | 5.689  | 0      | 26418  | N.D.    | 22.585 #  |
| 25)                         | L5 AR-1248-5    | 7.256  | 0.000  | 517155 | 0      | 286.824 | N.D. #    |
| 26)                         | L6 AR-1254-1    | 7.173f | 0.000  | 26934  | 0      | 15.315  | N.D. #    |
| 27)                         | L6 AR-1254-2    | 0.000  | 6.237  | 0      | 30372  | N.D.    | 20.419 #  |
| 28)                         | L6 AR-1254-3    | 7.824f | 6.667  | 20977  | 64936  | 7.082   | 26.710 #  |
| 29)                         | L6 AR-1254-4    | 8.088  | 0.000  | 40944  | 0      | 18.625  | N.D. #    |
| 30)                         | L6 AR-1254-5    | 8.526  | 7.309f | 3899   | 12672  | 1.639   | 5.893 #   |
| 31)                         | L7 AR-1260-1    | 7.986  | 0.000  | 42019  | 0      | 19.359  | N.D. #    |
| 34)                         | L7 AR-1260-4    | 8.816f | 7.612f | 96085  | 119261 | 40.555  | 76.906 #  |
| 35)                         | L7 AR-1260-5    | 9.140f | 7.903f | 53402  | 141479 | 11.968  | 38.500 #  |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.309f | 0      | 12672  | N.D.    | 10.632 #  |
| 37)                         | L8 AR-1262-2    | 9.140f | 7.903f | 53402  | 141479 | 10.511  | 36.091 #  |
| 38)                         | L8 AR-1262-3    | 0.000  | 8.173  | 0      | 89533  | N.D.    | 56.259 #  |
| 40)                         | L8 AR-1262-5    | 10.246 | 0.000  | 10884  | 0      | 5.151   | N.D. #    |
| 41)                         | L9 AR-1268-1    | 0.000  | 8.173  | 0      | 89533  | N.D.    | 19.227 #  |
| 44)                         | L9 AR-1268-4    | 10.246 | 0.000  | 10884  | 0      | 4.621   | N.D. #    |
| 45)                         | L9 AR-1268-5    | 0.000  | 9.016  | 0      | 16268  | N.D.    | 1.376 #   |
| -----                       |                 |        |        |        |        |         |           |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP061821\  
Data File : PP036593.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 19 Jun 2021 2:05  
Operator : DD\AJ  
Sample : M2716-05  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

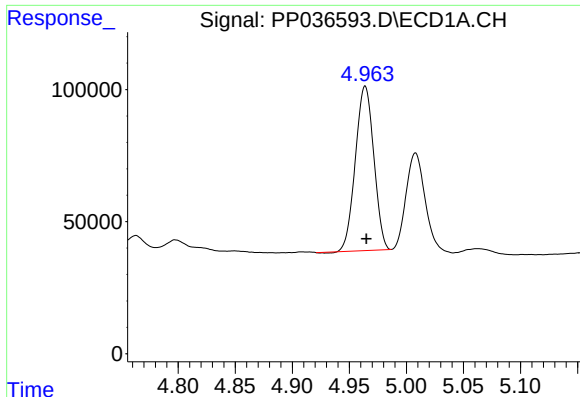
Instrument :  
ECD\_P  
ClientSampleId :  
33220

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 19 03:15:43 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 |
|-----------------------------------------------------------------------|------|------|--------|--------|-------|-------|
| -----                                                                 |      |      |        |        |       |       |
| (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int. |      |      |        |        |       |       |

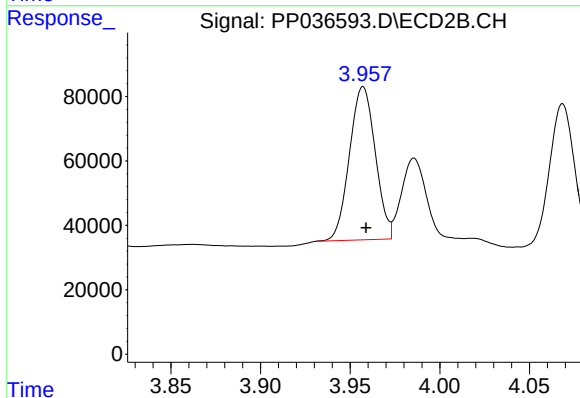




#1 Tetrachloro-m-xylene

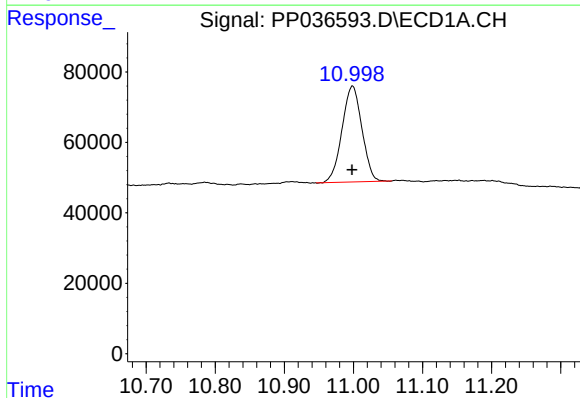
R.T.: 4.964 min  
Delta R.T.: -0.001 min  
Response: 698625  
Conc: 15.81 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
33220



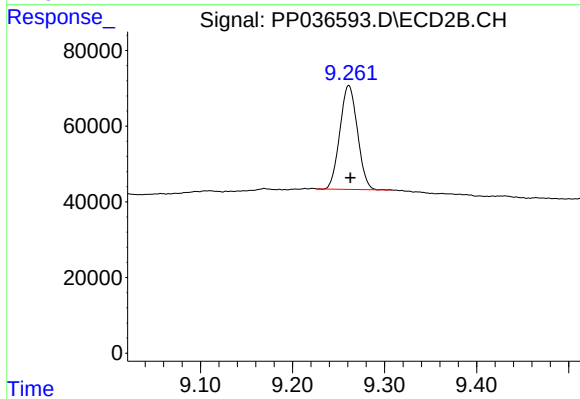
#1 Tetrachloro-m-xylene

R.T.: 3.957 min  
Delta R.T.: -0.002 min  
Response: 476008  
Conc: 15.37 ng/ml



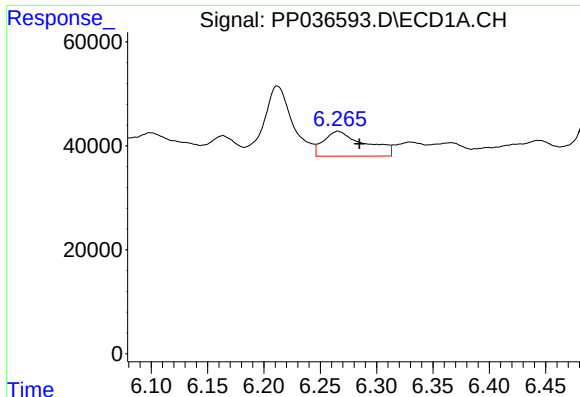
#2 Decachlorobiphenyl

R.T.: 10.999 min  
Delta R.T.: 0.000 min  
Response: 544532  
Conc: 12.69 ng/ml



#2 Decachlorobiphenyl

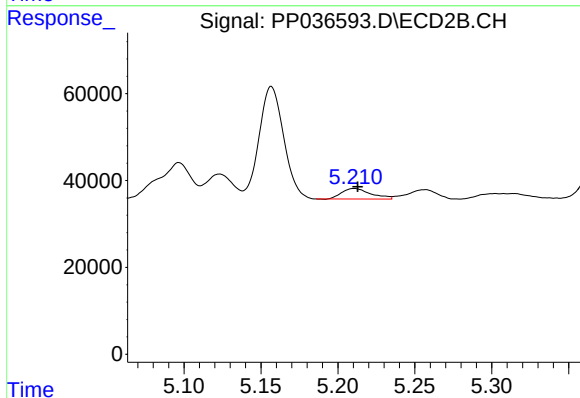
R.T.: 9.261 min  
Delta R.T.: -0.002 min  
Response: 363273  
Conc: 11.36 ng/ml



#3 AR-1016-1

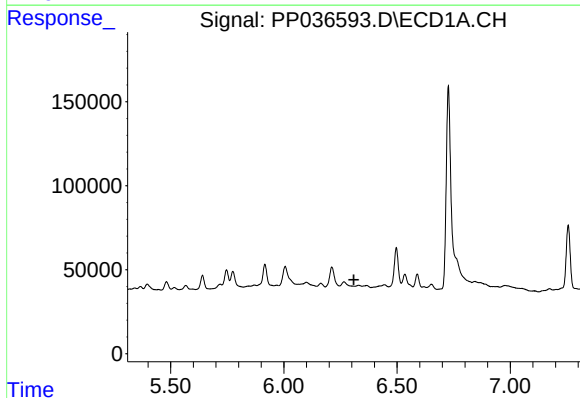
R.T.: 6.266 min  
Delta R.T.: -0.019 min  
Response: 122465  
Conc: 72.30 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
33220



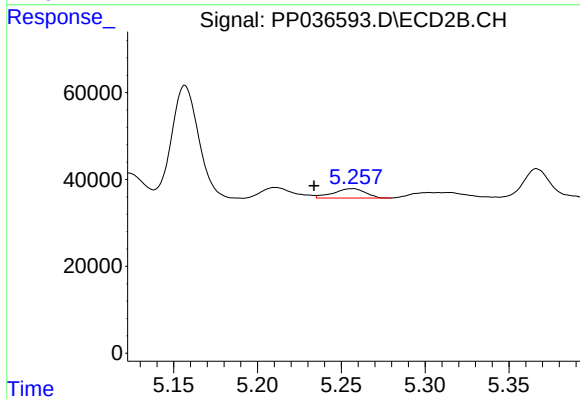
#3 AR-1016-1

R.T.: 5.211 min  
Delta R.T.: -0.002 min  
Response: 31696  
Conc: 26.89 ng/ml



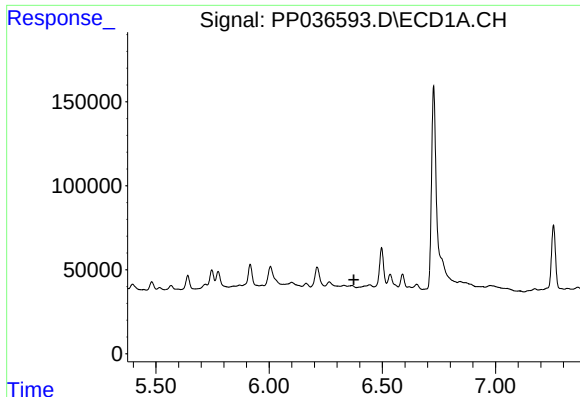
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T. : 6.309 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

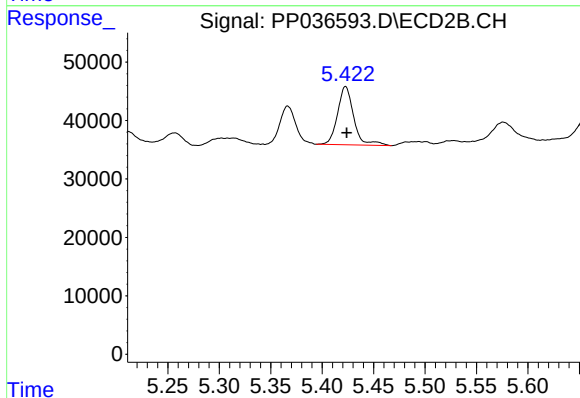
R.T.: 5.257 min  
Delta R.T.: 0.023 min  
Response: 28713  
Conc: 17.68 ng/ml



#5 AR-1016-3

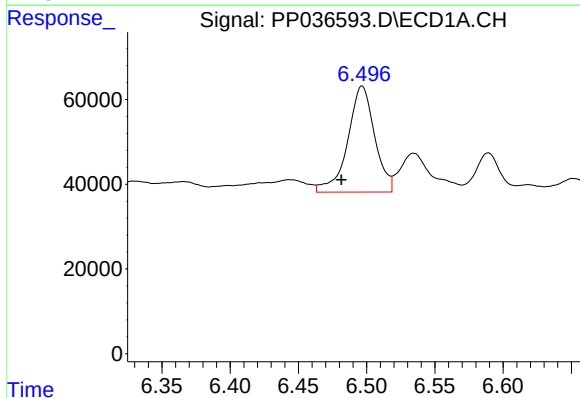
R.T.: 0.000 min  
Exp R.T.: 6.375 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
33220



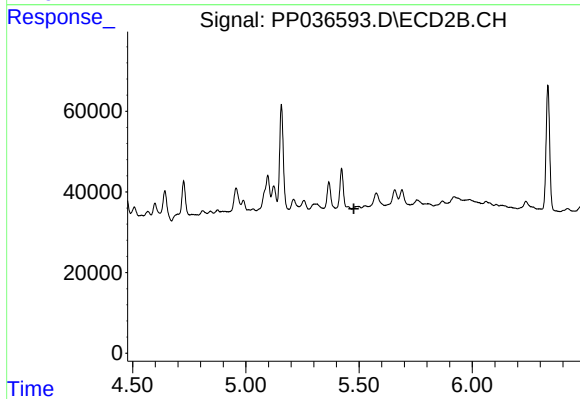
#5 AR-1016-3

R.T.: 5.423 min  
Delta R.T.: -0.001 min  
Response: 108749  
Conc: 120.54 ng/ml



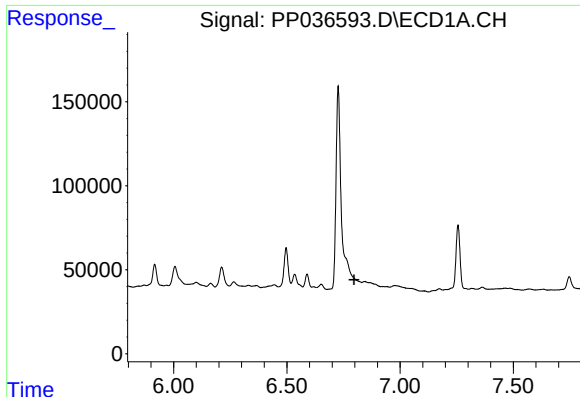
#6 AR-1016-4

R.T.: 6.497 min  
Delta R.T.: 0.015 min  
Response: 343921  
Conc: 267.53 ng/ml



#6 AR-1016-4

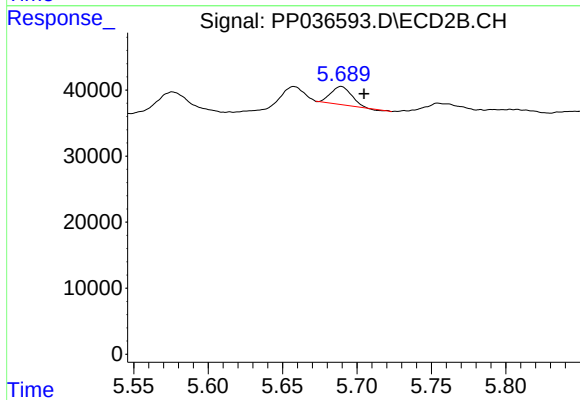
R.T.: 0.000 min  
Exp R.T.: 5.477 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

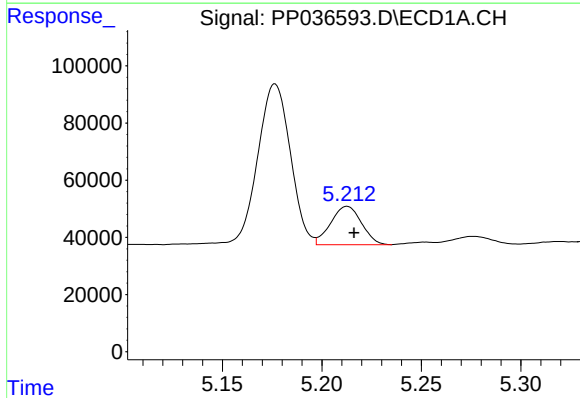
R.T.: 0.000 min  
Exp R.T.: 6.796 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
33220



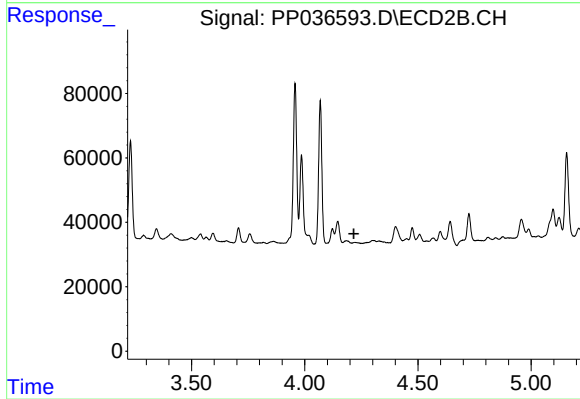
#7 AR-1016-5

R.T.: 5.689 min  
Delta R.T.: -0.015 min  
Response: 26418  
Conc: 29.15 ng/ml



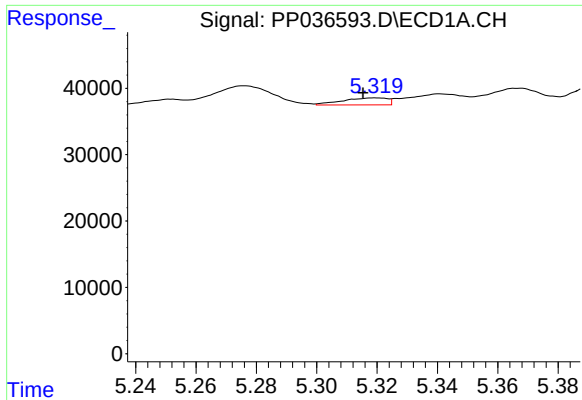
#8 AR-1221-1

R.T.: 5.213 min  
Delta R.T.: -0.003 min  
Response: 144510  
Conc: 257.40 ng/ml



#8 AR-1221-1

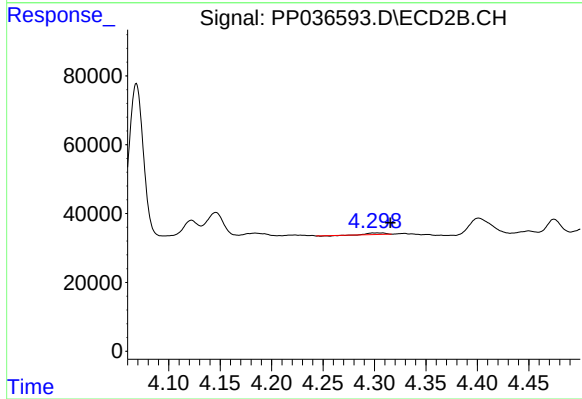
R.T.: 0.000 min  
Exp R.T.: 4.217 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

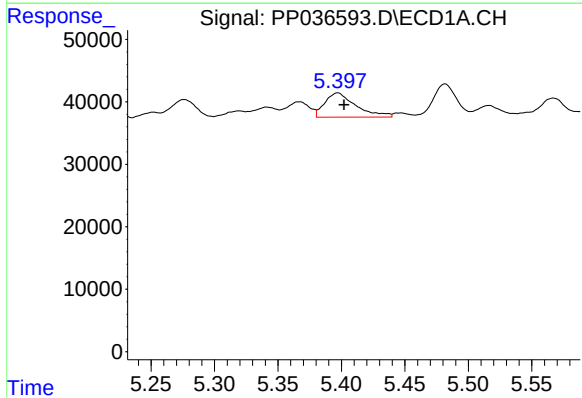
R.T.: 5.319 min  
Delta R.T.: 0.004 min  
Response: 10842  
Conc: 25.16 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
33220



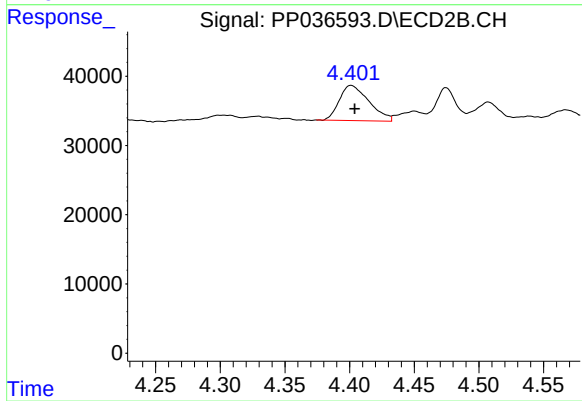
#9 AR-1221-2

R.T.: 4.302 min  
Delta R.T.: -0.013 min  
Response: 4420  
Conc: 14.81 ng/ml



#10 AR-1221-3

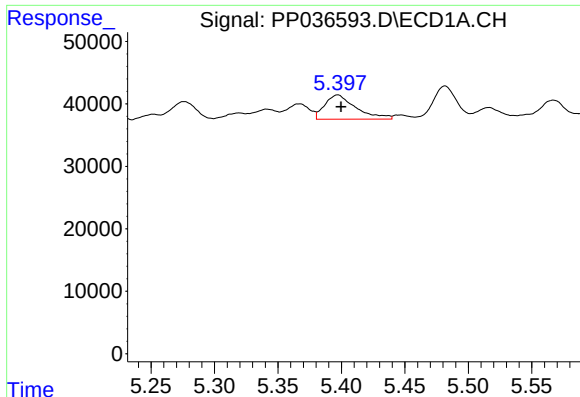
R.T.: 5.397 min  
Delta R.T.: -0.005 min  
Response: 66720  
Conc: 51.75 ng/ml



#10 AR-1221-3

R.T.: 4.401 min  
Delta R.T.: -0.003 min  
Response: 81254  
Conc: 89.98 ng/ml

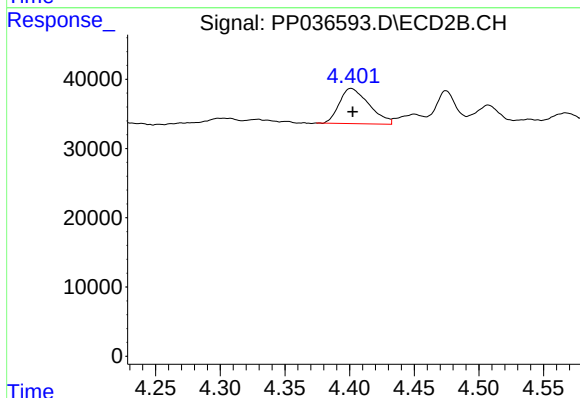




#11 AR-1232-1

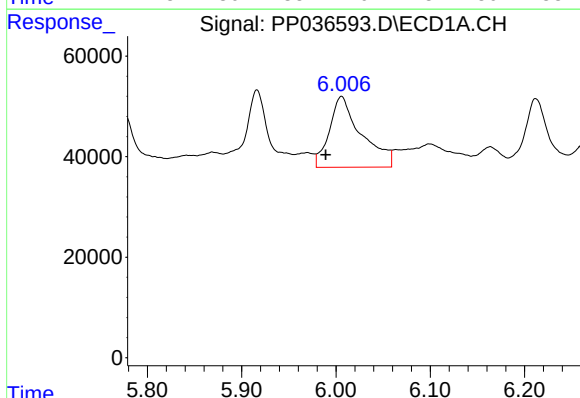
R.T.: 5.397 min  
Delta R.T.: -0.003 min  
Response: 66720  
Conc: 62.64 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
33220



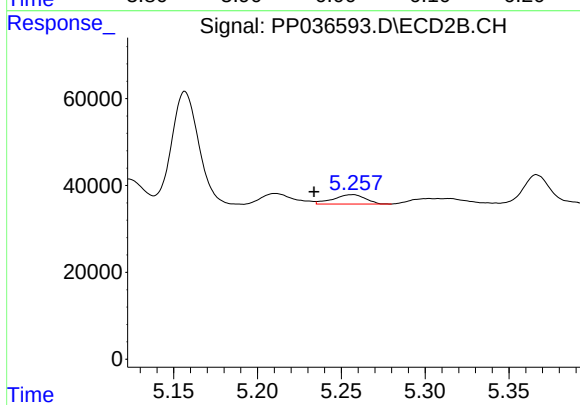
#11 AR-1232-1

R.T.: 4.401 min  
Delta R.T.: -0.001 min  
Response: 81254  
Conc: 110.45 ng/ml



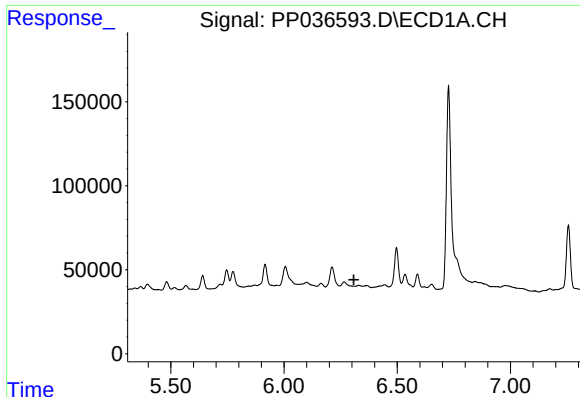
#12 AR-1232-2

R.T.: 6.006 min  
Delta R.T.: 0.017 min  
Response: 333433  
Conc: 606.27 ng/ml



#12 AR-1232-2

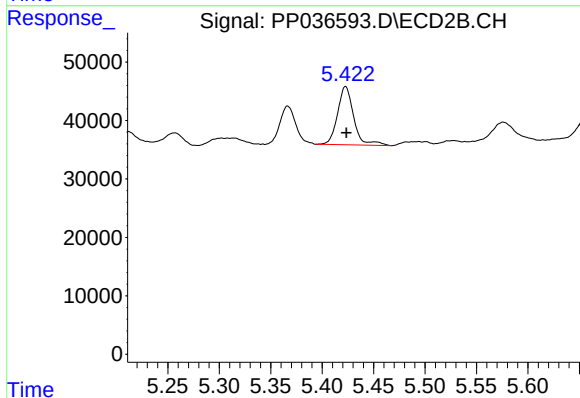
R.T.: 5.257 min  
Delta R.T.: 0.023 min  
Response: 28713  
Conc: 42.94 ng/ml



#13 AR-1232-3

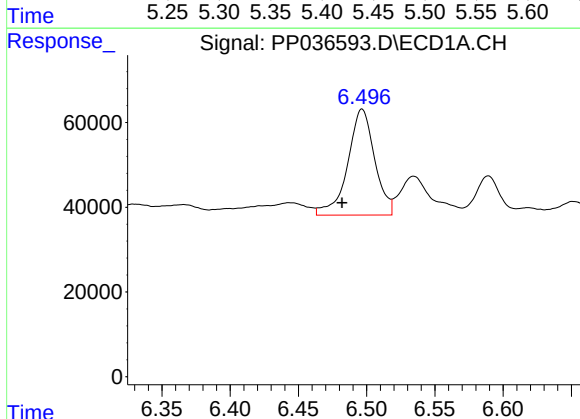
R.T.: 0.000 min  
Exp R.T.: 6.309 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
33220



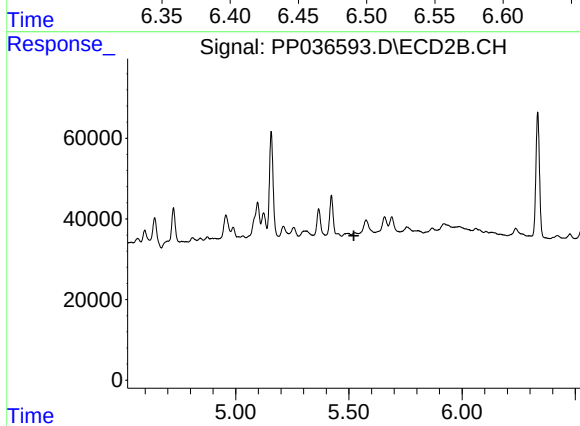
#13 AR-1232-3

R.T.: 5.423 min  
Delta R.T.: 0.000 min  
Response: 108749  
Conc: 299.77 ng/ml



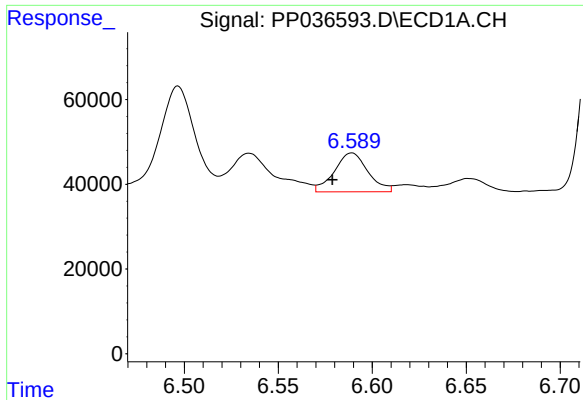
#14 AR-1232-4

R.T.: 6.497 min  
Delta R.T.: 0.015 min  
Response: 343921  
Conc: 637.15 ng/ml



#14 AR-1232-4

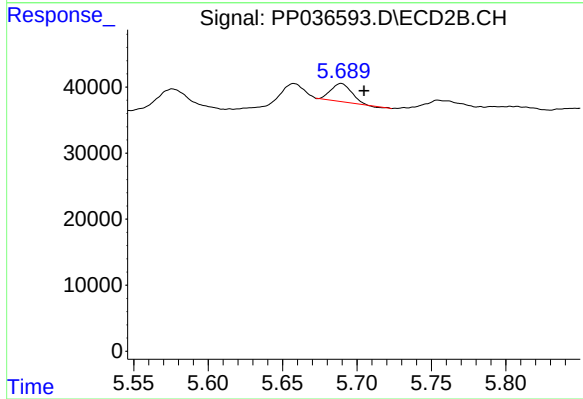
R.T.: 0.000 min  
Exp R.T.: 5.522 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

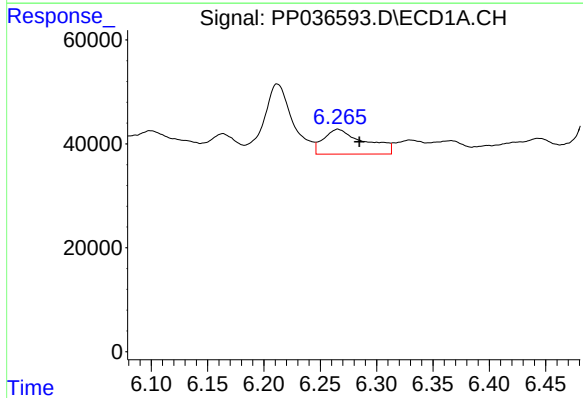
R.T.: 6.589 min  
Delta R.T.: 0.010 min  
Response: 114256  
Conc: 311.75 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
33220



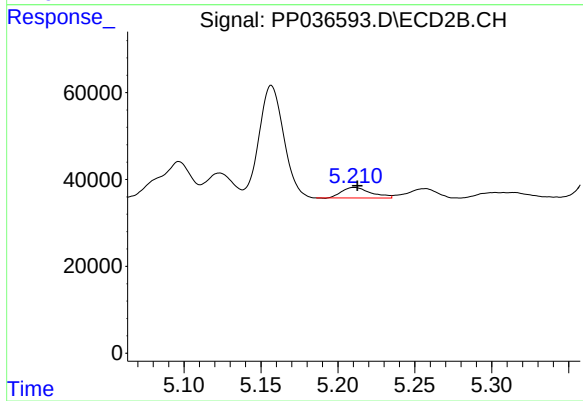
#15 AR-1232-5

R.T.: 5.689 min  
Delta R.T.: -0.015 min  
Response: 26418  
Conc: 74.17 ng/ml



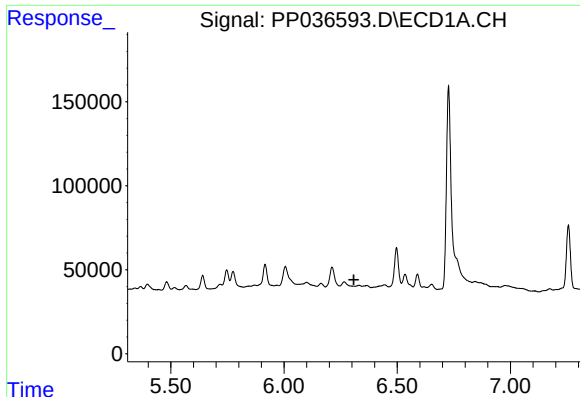
#16 AR-1242-1

R.T.: 6.266 min  
Delta R.T.: -0.019 min  
Response: 122465  
Conc: 95.50 ng/ml



#16 AR-1242-1

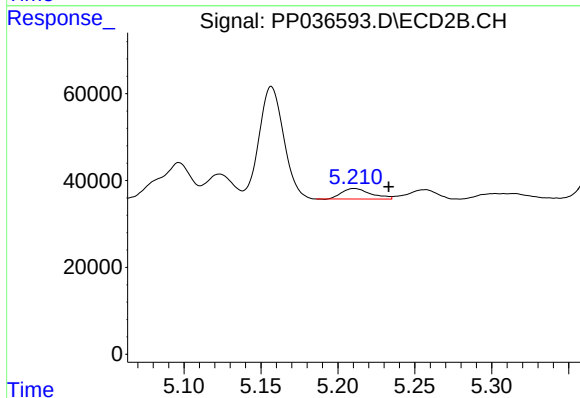
R.T.: 5.211 min  
Delta R.T.: -0.002 min  
Response: 31696  
Conc: 35.61 ng/ml



#17 AR-1242-2

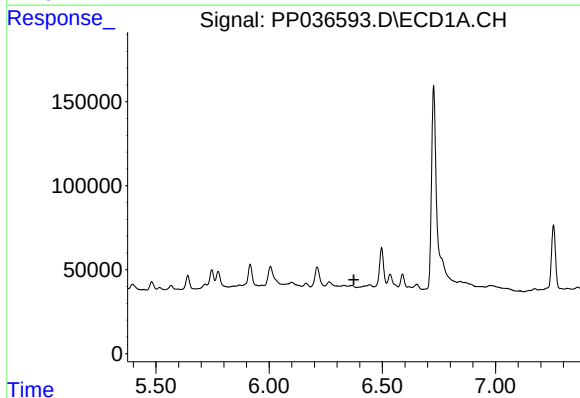
R.T.: 0.000 min  
Exp R.T.: 6.309 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
33220



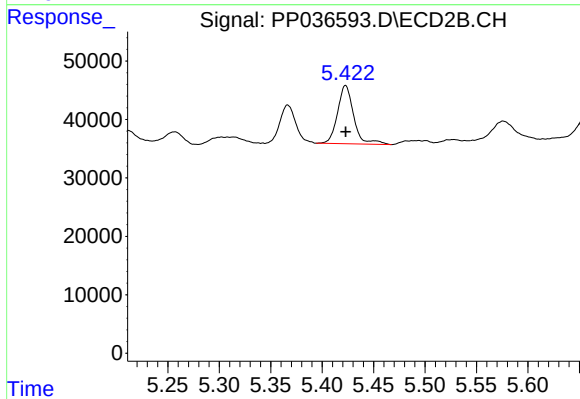
#17 AR-1242-2

R.T.: 5.211 min  
Delta R.T.: -0.022 min  
Response: 31696  
Conc: 25.98 ng/ml



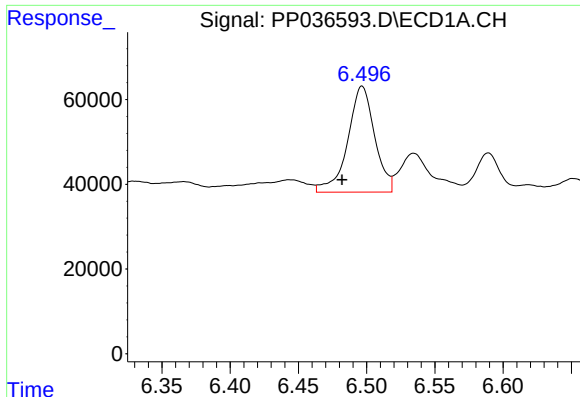
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T.: 6.375 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

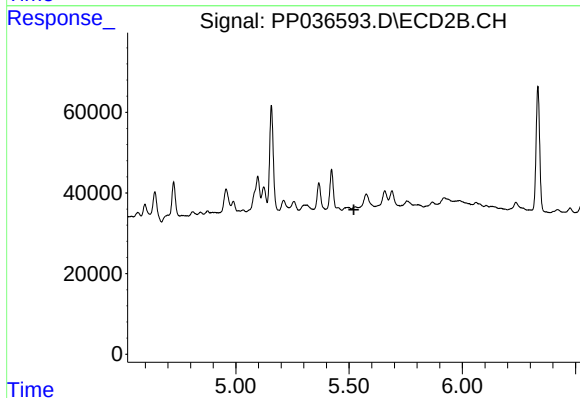
R.T.: 5.423 min  
Delta R.T.: 0.000 min  
Response: 108749  
Conc: 161.62 ng/ml



#19 AR-1242-4

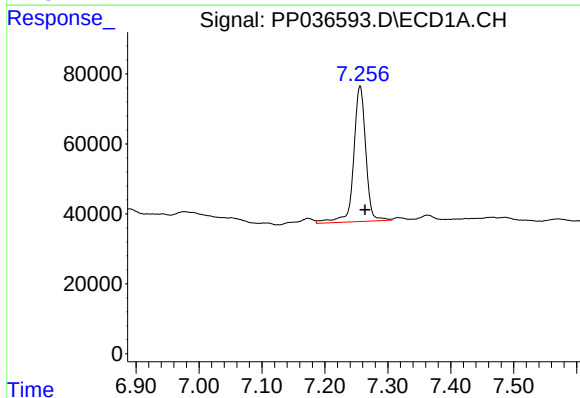
R.T.: 6.497 min  
Delta R.T.: 0.015 min  
Response: 343921  
Conc: 355.38 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
33220



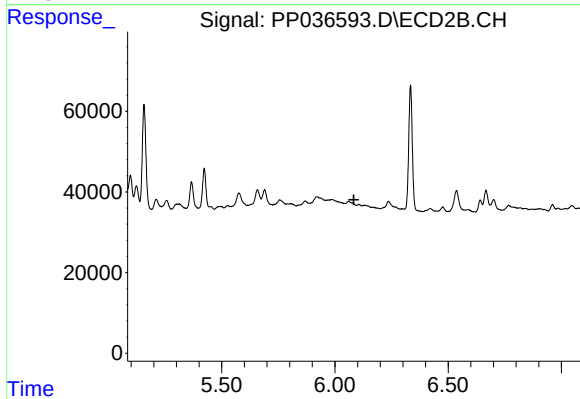
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 5.521 min  
Response: 0  
Conc: N.D.



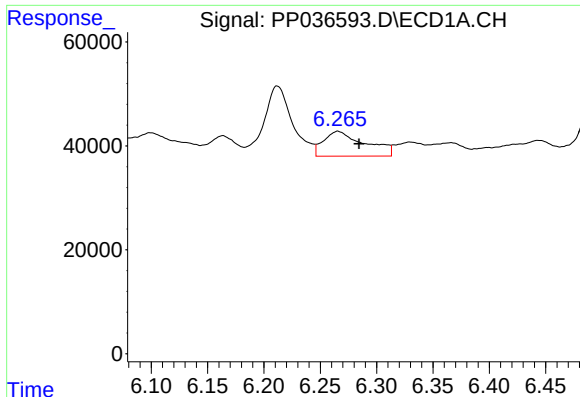
#20 AR-1242-5

R.T.: 7.256 min  
Delta R.T.: -0.008 min  
Response: 517155  
Conc: 491.65 ng/ml



#20 AR-1242-5

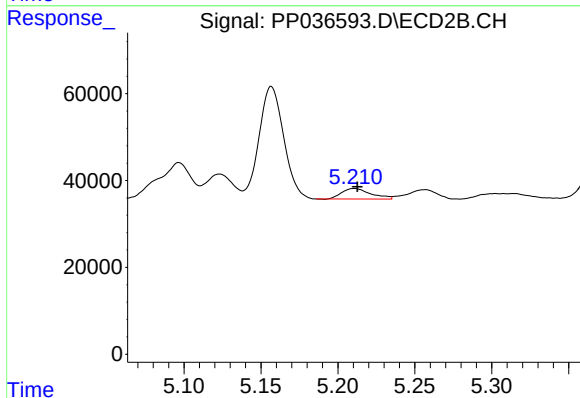
R.T.: 0.000 min  
Exp R.T. : 6.084 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

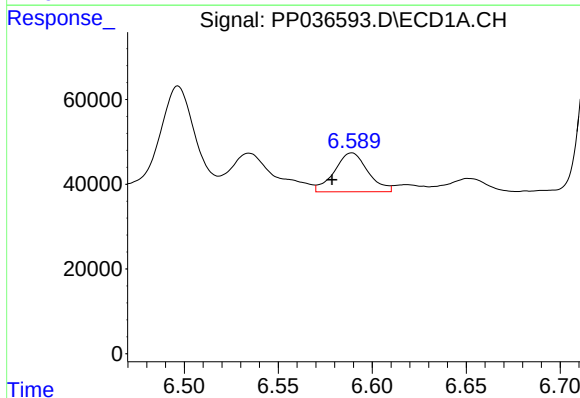
R.T.: 6.266 min  
Delta R.T.: -0.019 min  
Response: 122465  
Conc: 121.39 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
33220



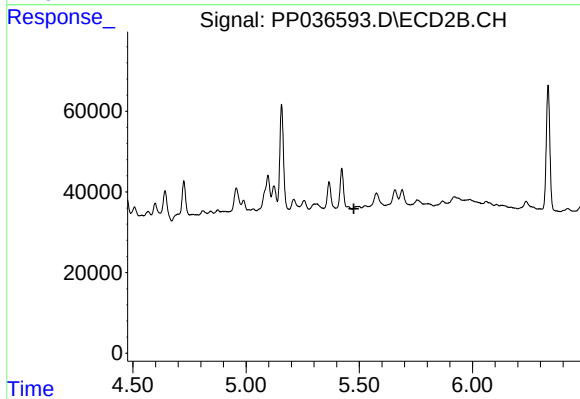
#21 AR-1248-1

R.T.: 5.211 min  
Delta R.T.: -0.002 min  
Response: 31696  
Conc: 45.49 ng/ml



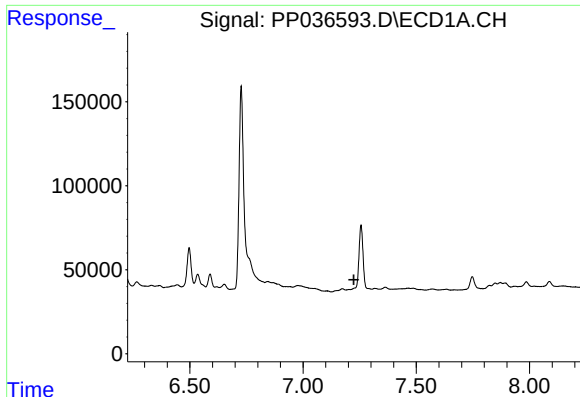
#22 AR-1248-2

R.T.: 6.589 min  
Delta R.T.: 0.011 min  
Response: 114256  
Conc: 84.13 ng/ml



#22 AR-1248-2

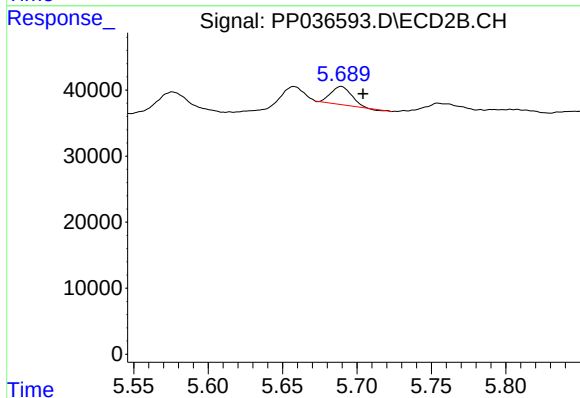
R.T.: 0.000 min  
Exp R.T.: 5.476 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

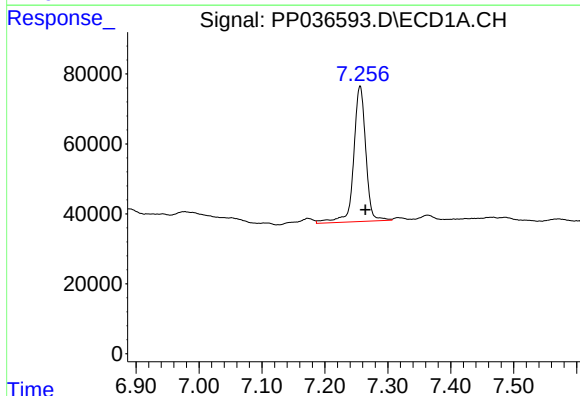
R.T.: 0.000 min  
Exp R.T.: 7.224 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
33220



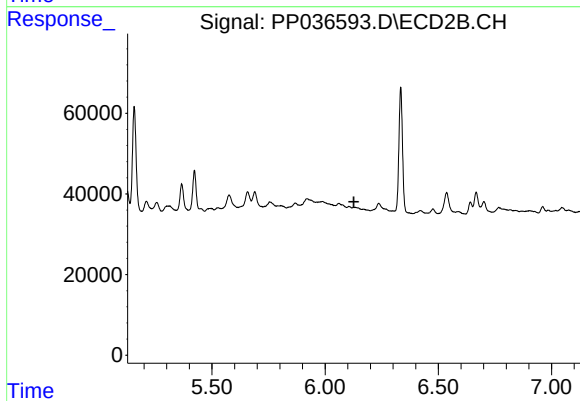
#24 AR-1248-4

R.T.: 5.689 min  
Delta R.T.: -0.015 min  
Response: 26418  
Conc: 22.58 ng/ml



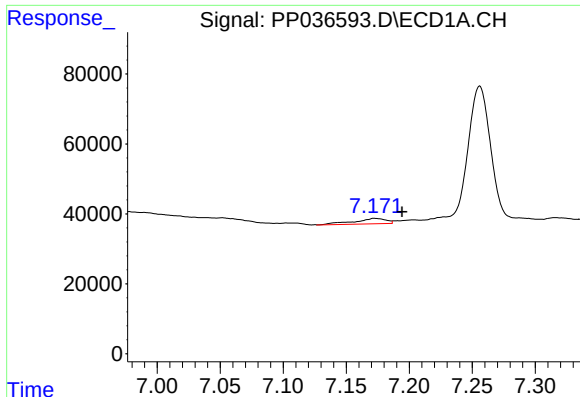
#25 AR-1248-5

R.T.: 7.256 min  
Delta R.T.: -0.009 min  
Response: 517155  
Conc: 286.82 ng/ml



#25 AR-1248-5

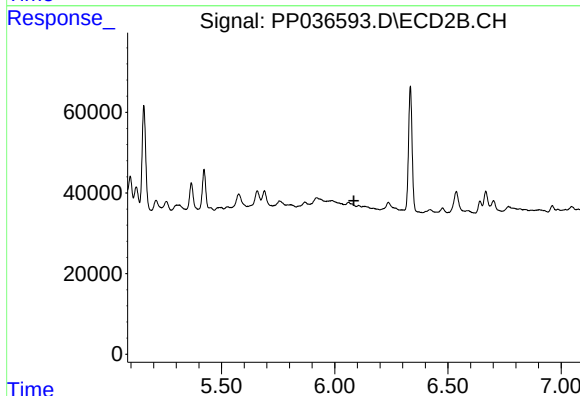
R.T.: 0.000 min  
Exp R.T.: 6.127 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

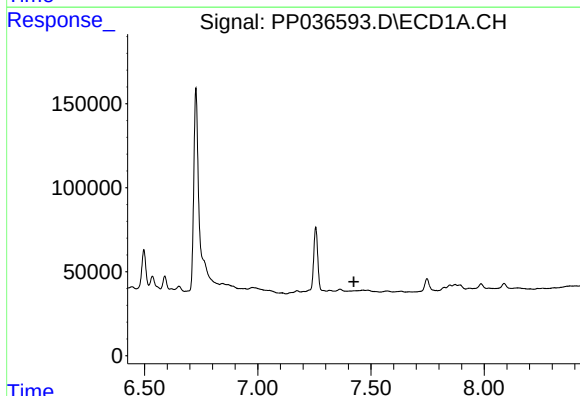
R.T.: 7.173 min  
Delta R.T.: -0.022 min  
Response: 26934  
Conc: 15.32 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
33220



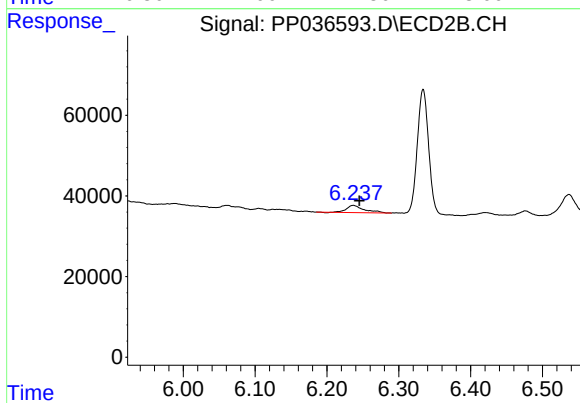
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T. : 6.084 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

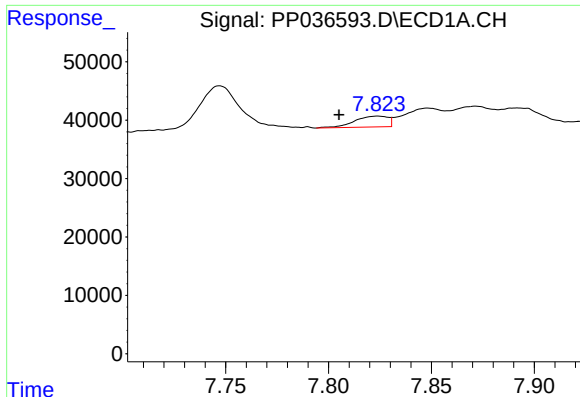
R.T.: 0.000 min  
Exp R.T. : 7.424 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

R.T.: 6.237 min  
Delta R.T.: -0.008 min  
Response: 30372  
Conc: 20.42 ng/ml

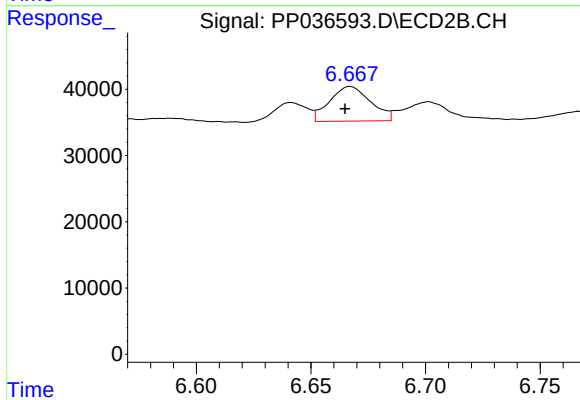




#28 AR-1254-3

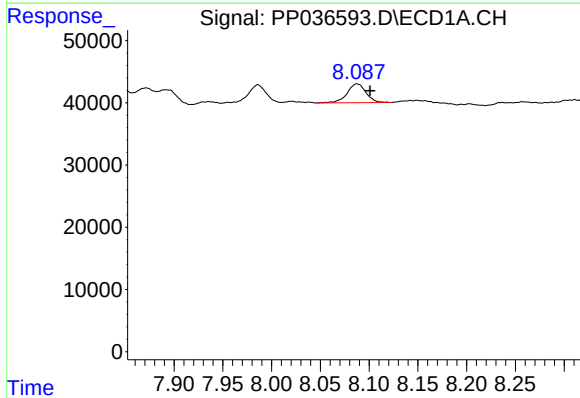
R.T.: 7.824 min  
Delta R.T.: 0.019 min  
Response: 20977  
Conc: 7.08 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
33220



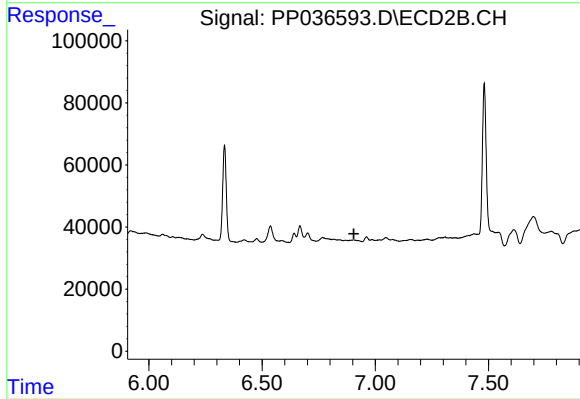
#28 AR-1254-3

R.T.: 6.667 min  
Delta R.T.: 0.002 min  
Response: 64936  
Conc: 26.71 ng/ml



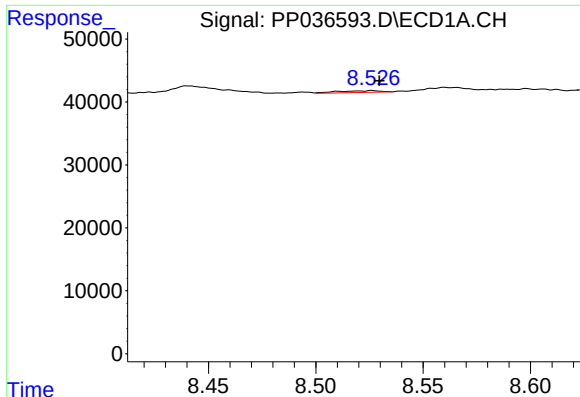
#29 AR-1254-4

R.T.: 8.088 min  
Delta R.T.: -0.013 min  
Response: 40944  
Conc: 18.62 ng/ml



#29 AR-1254-4

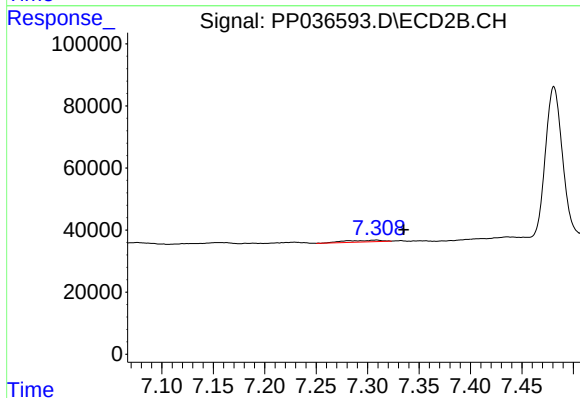
R.T.: 0.000 min  
Exp R.T.: 6.905 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

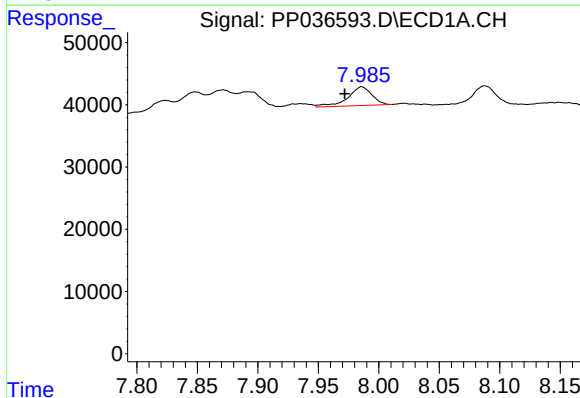
R.T.: 8.526 min  
Delta R.T.: -0.003 min  
Response: 3899  
Conc: 1.64 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
33220



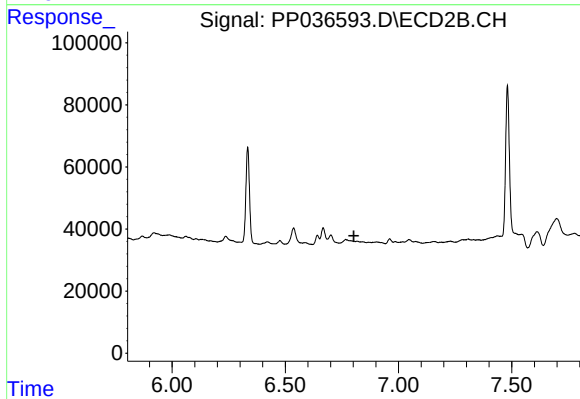
#30 AR-1254-5

R.T.: 7.309 min  
Delta R.T.: -0.027 min  
Response: 12672  
Conc: 5.89 ng/ml



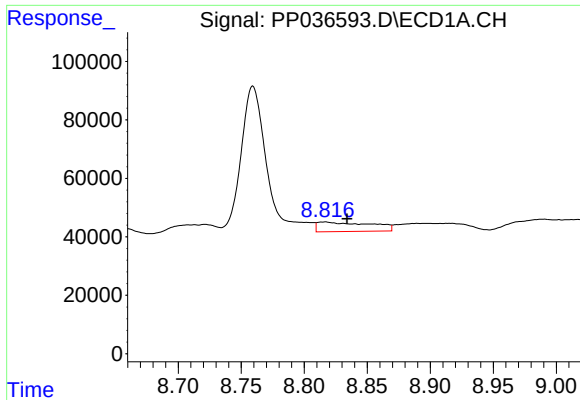
#31 AR-1260-1

R.T.: 7.986 min  
Delta R.T.: 0.014 min  
Response: 42019  
Conc: 19.36 ng/ml



#31 AR-1260-1

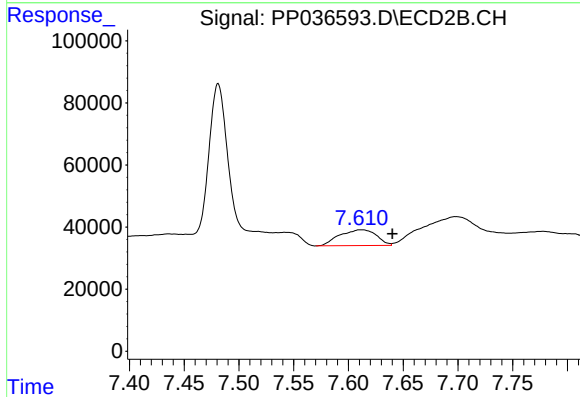
R.T.: 0.000 min  
Exp R.T.: 6.803 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

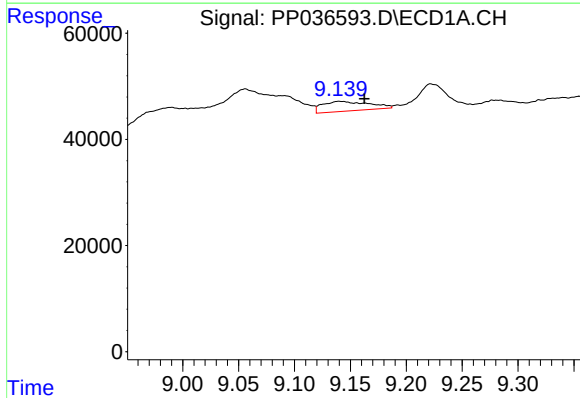
R.T.: 8.816 min  
Delta R.T.: -0.018 min  
Response: 96085  
Conc: 40.56 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
33220



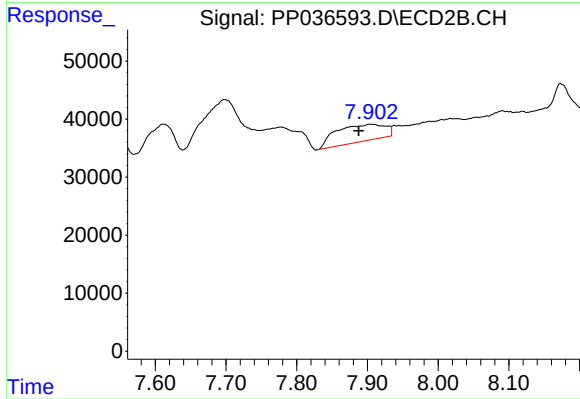
#34 AR-1260-4

R.T.: 7.612 min  
Delta R.T.: -0.028 min  
Response: 119261  
Conc: 76.91 ng/ml



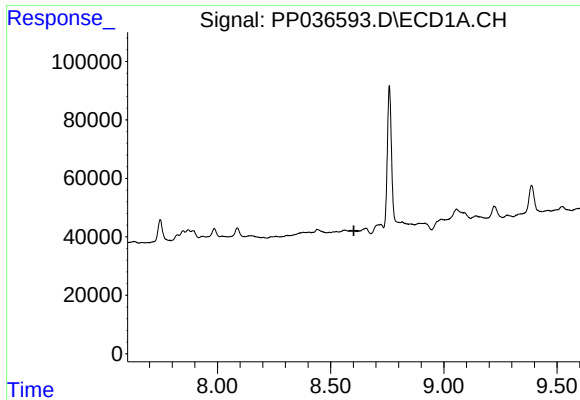
#35 AR-1260-5

R.T.: 9.140 min  
Delta R.T.: -0.023 min  
Response: 53402  
Conc: 11.97 ng/ml



#35 AR-1260-5

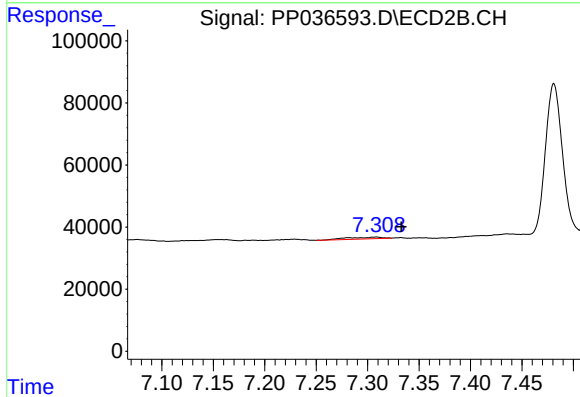
R.T.: 7.903 min  
Delta R.T.: 0.015 min  
Response: 141479  
Conc: 38.50 ng/ml



#36 AR-1262-1

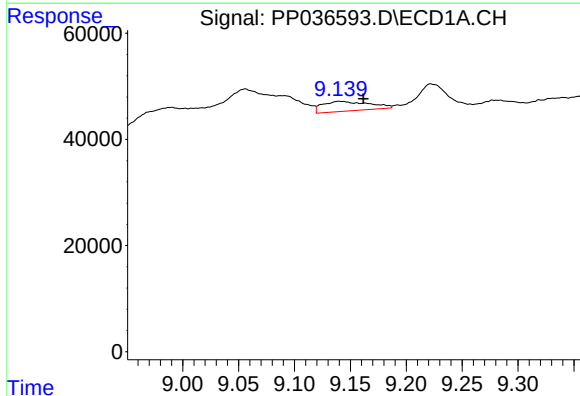
R.T.: 0.000 min  
Exp R.T.: 8.602 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
33220



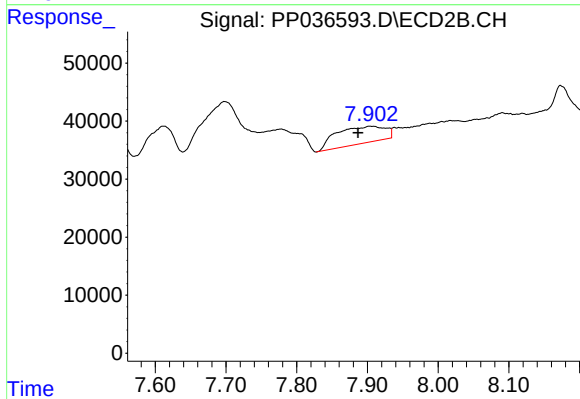
#36 AR-1262-1

R.T.: 7.309 min  
Delta R.T.: -0.024 min  
Response: 12672  
Conc: 10.63 ng/ml



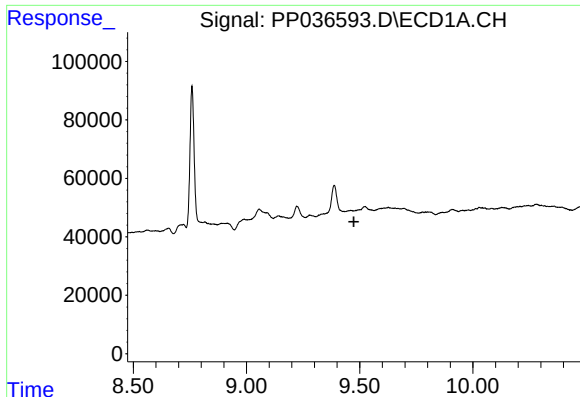
#37 AR-1262-2

R.T.: 9.140 min  
Delta R.T.: -0.022 min  
Response: 53402  
Conc: 10.51 ng/ml



#37 AR-1262-2

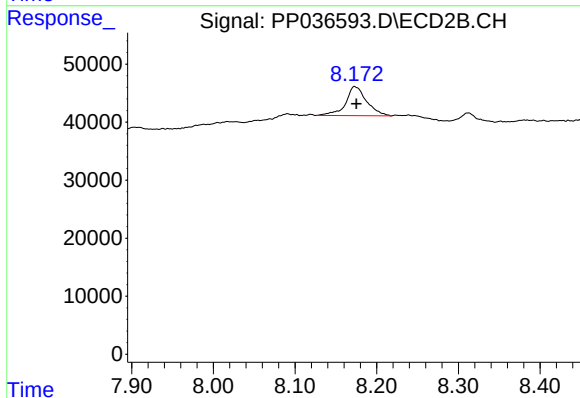
R.T.: 7.903 min  
Delta R.T.: 0.016 min  
Response: 141479  
Conc: 36.09 ng/ml



#38 AR-1262-3

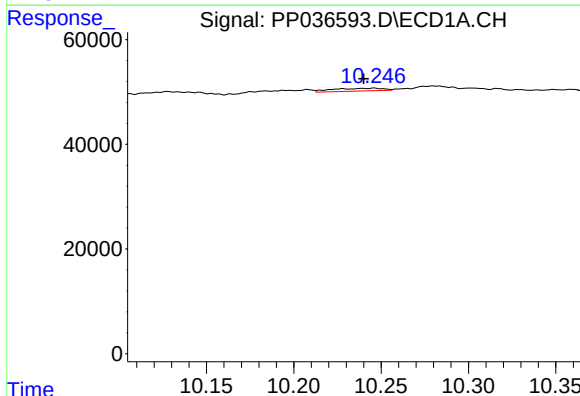
R.T.: 0.000 min  
Exp R.T.: 9.475 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
33220



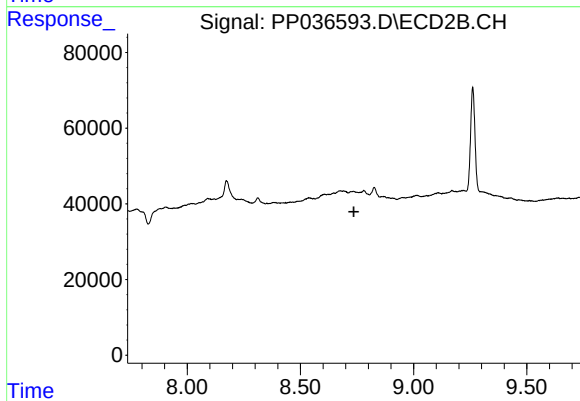
#38 AR-1262-3

R.T.: 8.173 min  
Delta R.T.: -0.002 min  
Response: 89533  
Conc: 56.26 ng/ml



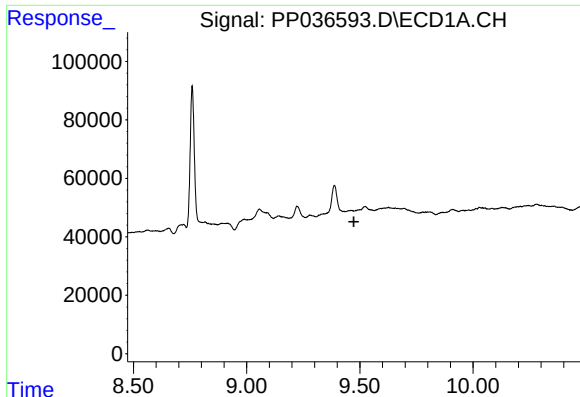
#40 AR-1262-5

R.T.: 10.246 min  
Delta R.T.: 0.006 min  
Response: 10884  
Conc: 5.15 ng/ml



#40 AR-1262-5

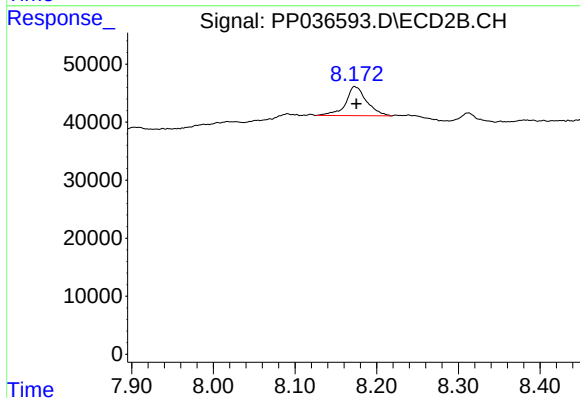
R.T.: 0.000 min  
Exp R.T.: 8.737 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

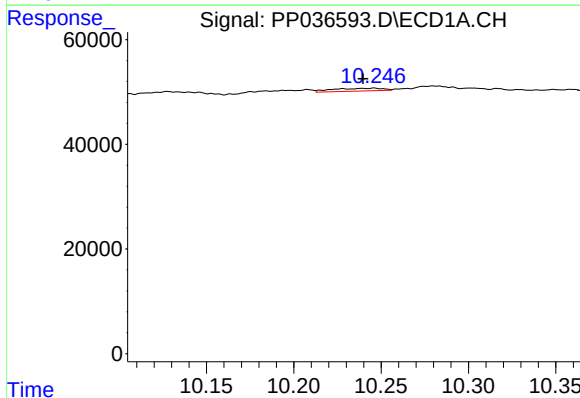
R.T.: 0.000 min  
Exp R.T.: 9.473 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
33220



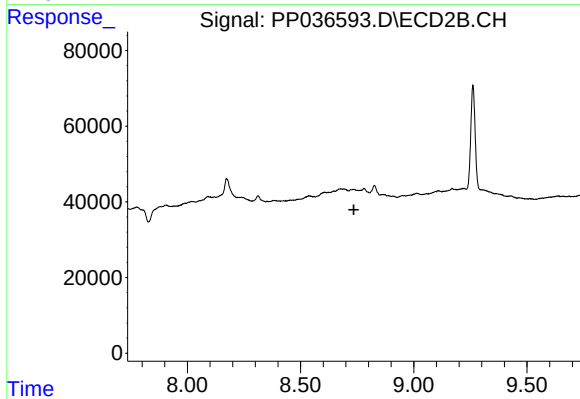
#41 AR-1268-1

R.T.: 8.173 min  
Delta R.T.: -0.002 min  
Response: 89533  
Conc: 19.23 ng/ml



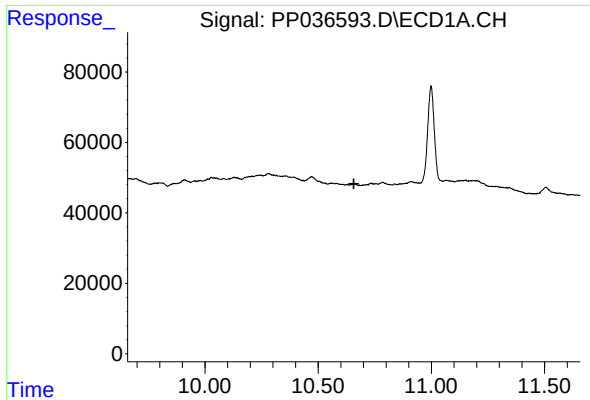
#44 AR-1268-4

R.T.: 10.246 min  
Delta R.T.: 0.006 min  
Response: 10884  
Conc: 4.62 ng/ml



#44 AR-1268-4

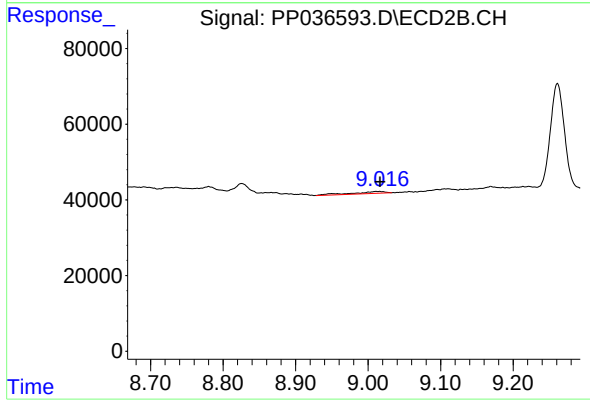
R.T.: 0.000 min  
Exp R.T.: 8.736 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 10.657 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
33220



#45 AR-1268-5

R.T.: 9.016 min  
Delta R.T.: 0.000 min  
Response: 16268  
Conc: 1.38 ng/ml