

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP120720\  
 Data File : PP031881.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 07 Dec 2020 18:09  
 Operator : DD\AJ  
 Sample : L4963-02  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 200FB-030-0204

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 08 00:51:23 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP112220.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Nov 24 12:23:58 2020  
 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... | 4.787  | 4.061  | 1043073 | 953163 | 21.541  | 19.891    |
| 2)                          | SA Decachlor... | 10.662 | 9.361  | 432292  | 448711 | 12.728  | 12.118    |
| Target Compounds            |                 |        |        |         |        |         |           |
| 3)                          | L1 AR-1016-1    | 6.087  | 0.000  | 11185   | 0      | 7.379   | N.D. #    |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.837f | 0       | 36417  | N.D.    | 32.017 #  |
| 9)                          | L2 AR-1221-2    | 0.000  | 4.415  | 0       | 14282  | N.D.    | 37.024 #  |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.635  | 0       | 47456  | N.D.    | 112.367 # |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.837f | 0       | 36417  | N.D.    | 125.667 # |
| 16)                         | L4 AR-1242-1    | 6.087  | 0.000  | 11185   | 0      | 9.347   | N.D. #    |
| 17)                         | L4 AR-1242-2    | 6.087f | 0.000  | 11185   | 0      | 6.286   | N.D. #    |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.635  | 0       | 47456  | N.D.    | 56.494 #  |
| 20)                         | L4 AR-1242-5    | 0.000  | 6.188  | 0       | 55152  | N.D.    | 53.456 #  |
| 21)                         | L5 AR-1248-1    | 6.087  | 0.000  | 11185   | 0      | 12.113  | N.D. #    |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.635  | 0       | 47456  | N.D.    | 37.493 #  |
| 24)                         | L5 AR-1248-4    | 0.000  | 5.837f | 0       | 36417  | N.D.    | 23.770 #  |
| 25)                         | L5 AR-1248-5    | 0.000  | 6.236  | 0       | 21658  | N.D.    | 14.844 #  |
| 26)                         | L6 AR-1254-1    | 0.000  | 6.188  | 0       | 55152  | N.D.    | 25.496 #  |
| 27)                         | L6 AR-1254-2    | 7.227  | 6.343  | 151726  | 45356  | 65.331  | 24.346 #  |
| 28)                         | L6 AR-1254-3    | 7.618  | 6.786f | 276585  | 210874 | 109.481 | 68.216 #  |
| 29)                         | L6 AR-1254-4    | 7.900  | 6.996  | 111402  | 16406  | 65.654  | 9.657 #   |
| 30)                         | L6 AR-1254-5    | 8.326  | 7.432  | 150067  | 250087 | 80.275  | 92.639    |
| 31)                         | L7 AR-1260-1    | 7.773  | 6.900  | 423323  | 124019 | 241.893 | 62.760 #  |
| 32)                         | L7 AR-1260-2    | 8.035  | 7.098  | 425469  | 180549 | 207.067 | 74.140 #  |
| 33)                         | L7 AR-1260-3    | 8.404  | 7.253  | 251795  | 121944 | 154.378 | 53.399 #  |
| 34)                         | L7 AR-1260-4    | 8.634  | 7.734  | 196474  | 213240 | 106.701 | 112.224   |
| 35)                         | L7 AR-1260-5    | 8.947  | 7.982  | 323358  | 431016 | 87.697  | 94.980    |
| 36)                         | L8 AR-1262-1    | 8.404  | 7.473  | 251795  | 253514 | 110.823 | 91.217    |
| 37)                         | L8 AR-1262-2    | 8.947  | 7.982  | 323358  | 431016 | 81.377  | 88.735    |
| 38)                         | L8 AR-1262-3    | 9.245  | 8.268  | 501413  | 486706 | 180.283 | 247.448 # |
| 39)                         | L8 AR-1262-4    | 9.334  | 8.333  | 504405  | 588991 | 230.098 | 162.472 # |
| 40)                         | L8 AR-1262-5    | 9.959  | 8.829  | 286962  | 312392 | 196.546 | 192.456   |
| 41)                         | L9 AR-1268-1    | 9.245  | 8.268  | 501413  | 486706 | 104.340 | 87.963    |
| 42)                         | L9 AR-1268-2    | 9.334  | 8.333  | 504405  | 588991 | 108.354 | 108.937   |
| 43)                         | L9 AR-1268-3    | 9.549  | 8.539  | 191131  | 141934 | 47.266  | 30.945 #  |
| 44)                         | L9 AR-1268-4    | 9.959  | 8.829  | 286962  | 312392 | 184.745 | 171.389   |
| 45)                         | L9 AR-1268-5    | 10.348 | 9.115  | 525699  | 540279 | 43.096  | 39.016    |
| -----                       |                 |        |        |         |        |         |           |

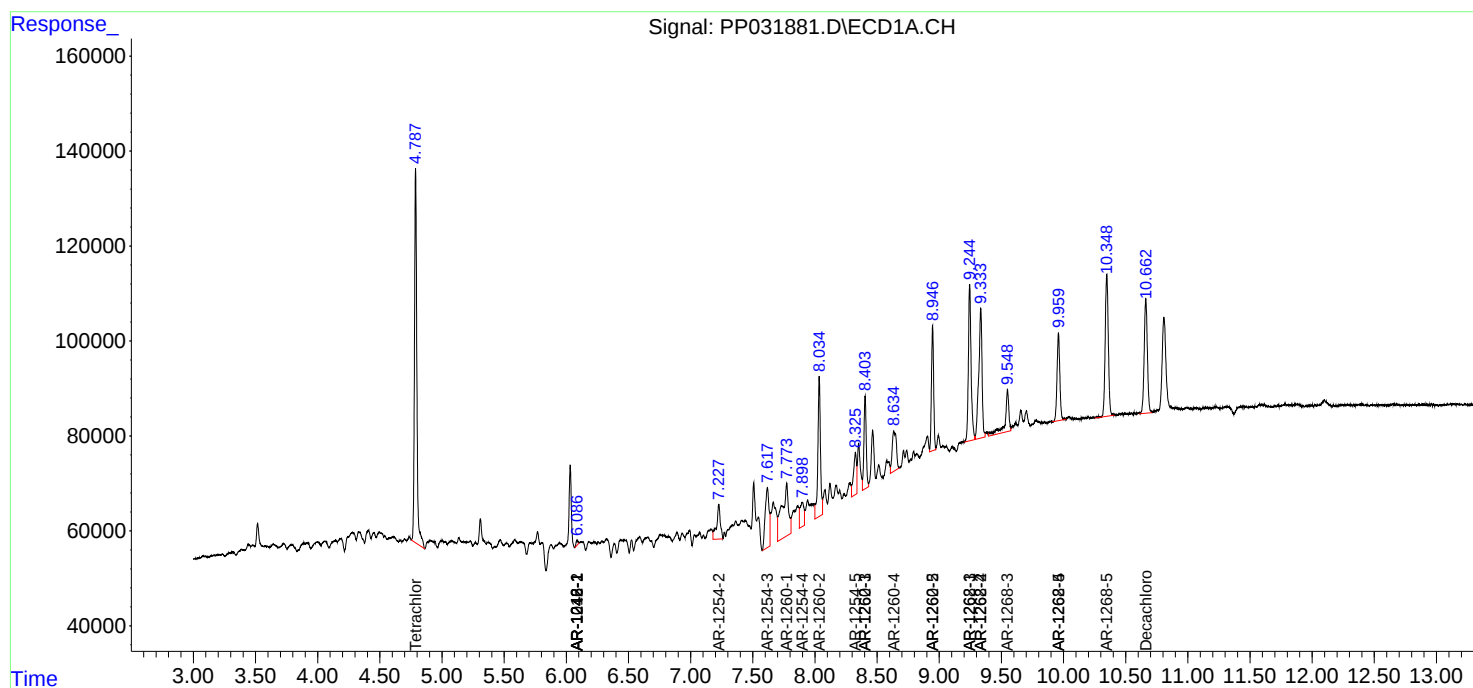
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

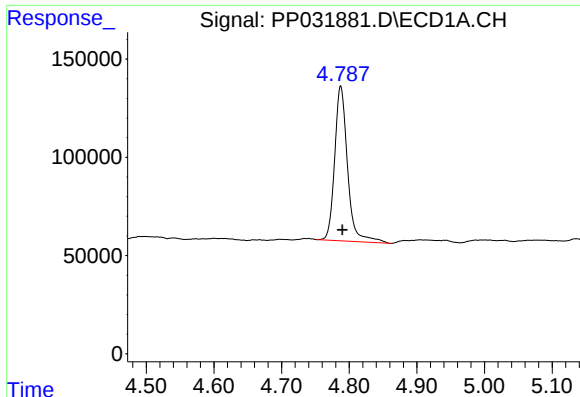
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP120720\  
Data File : PP031881.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 07 Dec 2020 18:09  
Operator : DD\AJ  
Sample : L4963-02  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
200FB-030-0204

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 08 00:51:23 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP112220.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Nov 24 12:23:58 2020  
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

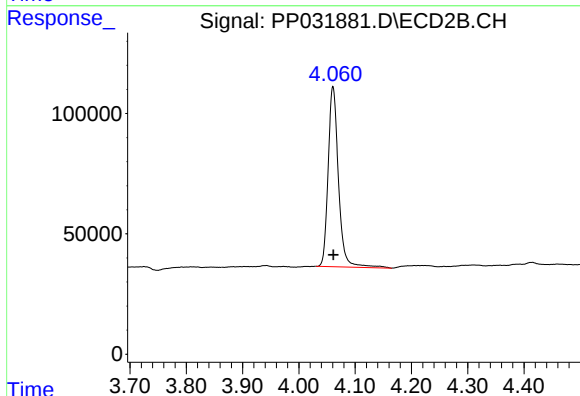




#1 Tetrachloro-m-xylene

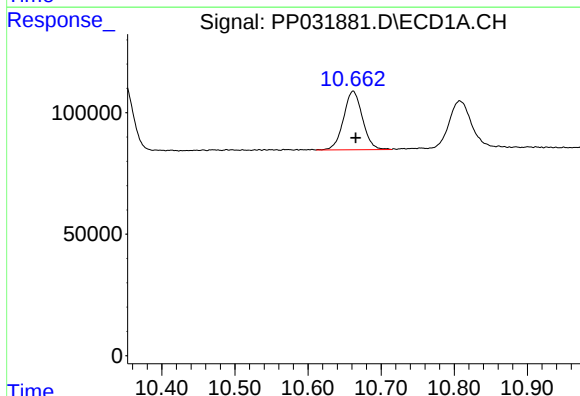
R.T.: 4.787 min  
Delta R.T.: -0.003 min  
Response: 1043073  
Conc: 21.54 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
200FB-030-0204



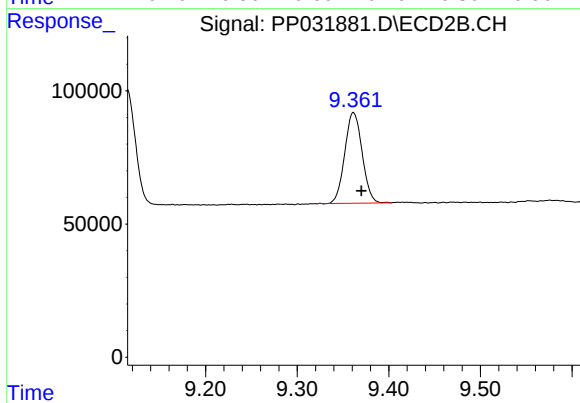
#1 Tetrachloro-m-xylene

R.T.: 4.061 min  
Delta R.T.: 0.000 min  
Response: 953163  
Conc: 19.89 ng/ml



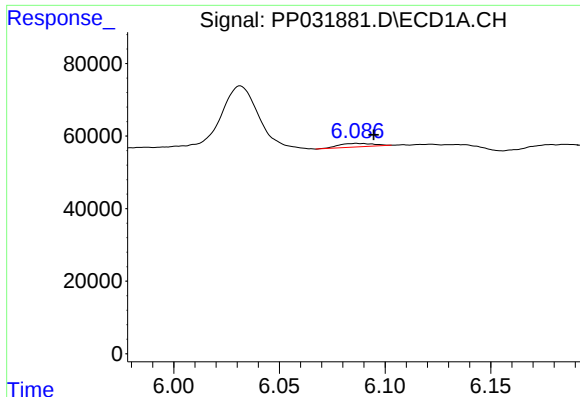
#2 Decachlorobiphenyl

R.T.: 10.662 min  
Delta R.T.: -0.003 min  
Response: 432292  
Conc: 12.73 ng/ml



#2 Decachlorobiphenyl

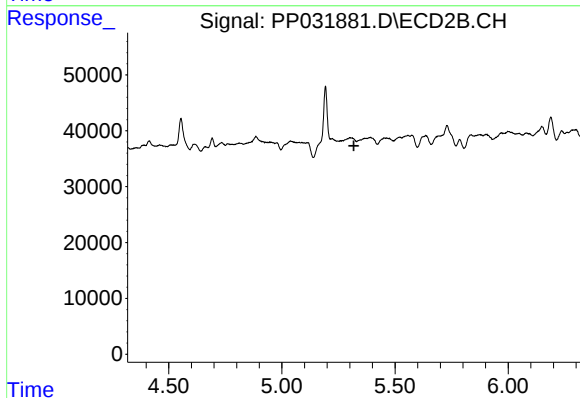
R.T.: 9.361 min  
Delta R.T.: -0.009 min  
Response: 448711  
Conc: 12.12 ng/ml



#3 AR-1016-1

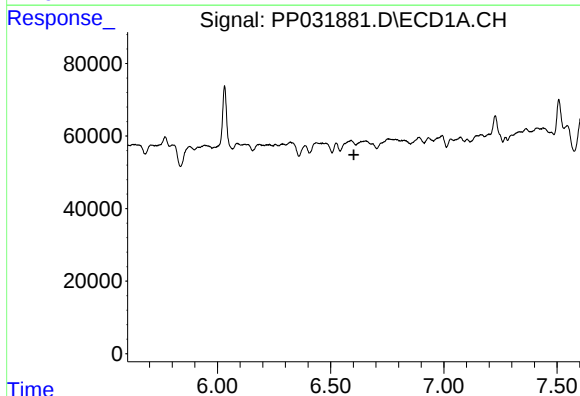
R.T.: 6.087 min  
Delta R.T.: -0.008 min  
Response: 11185  
Conc: 7.38 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
200FB-030-0204



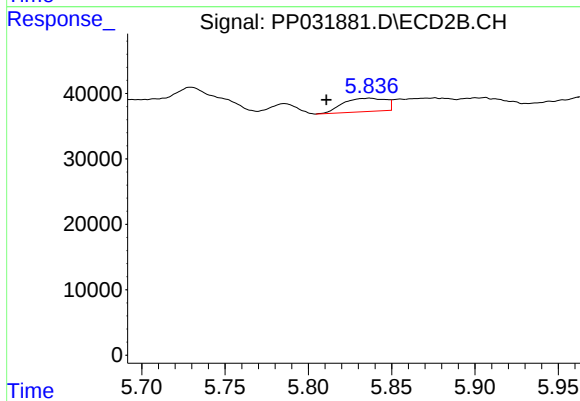
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 5.318 min  
Response: 0  
Conc: N.D.



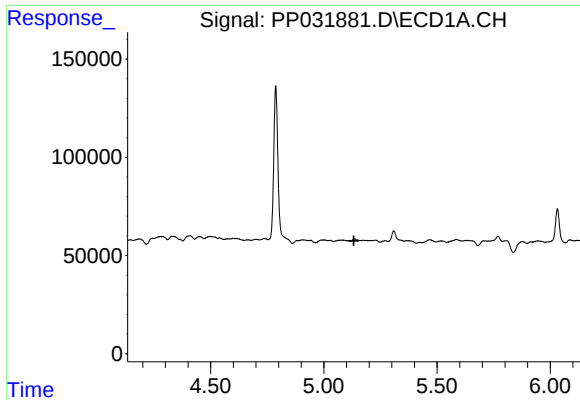
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 6.603 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

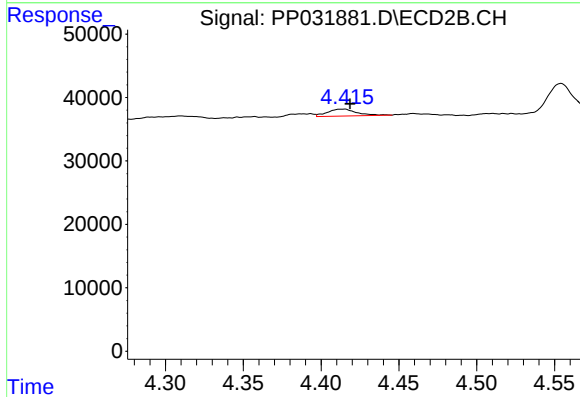
R.T.: 5.837 min  
Delta R.T.: 0.026 min  
Response: 36417  
Conc: 32.02 ng/ml



#9 AR-1221-2

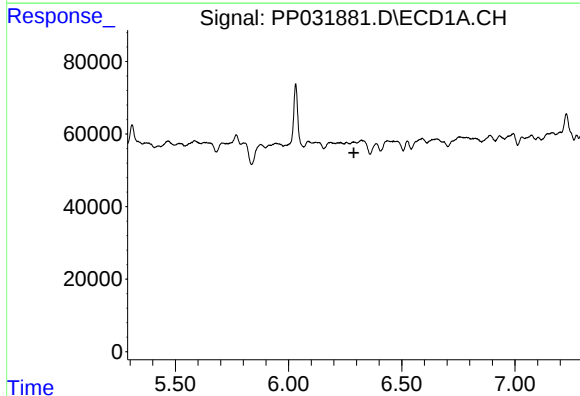
R.T.: 0.000 min  
Exp R.T.: 5.133 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
200FB-030-0204



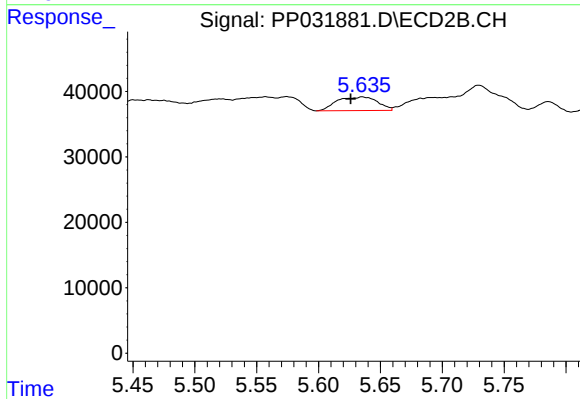
#9 AR-1221-2

R.T.: 4.415 min  
Delta R.T.: -0.003 min  
Response: 14282  
Conc: 37.02 ng/ml



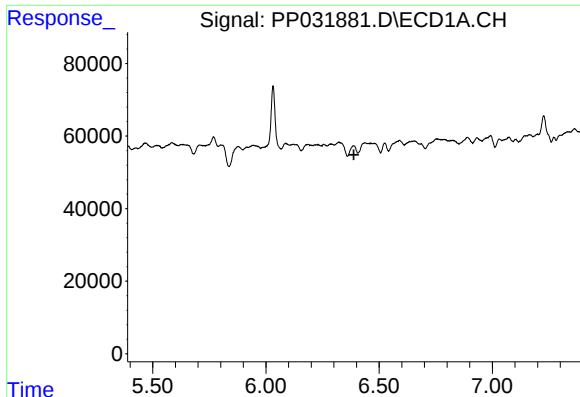
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 6.288 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

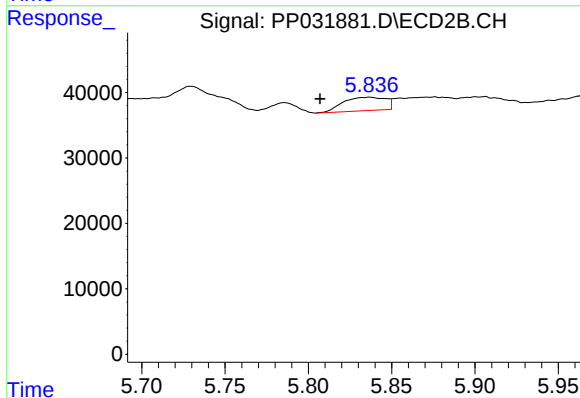
R.T.: 5.635 min  
Delta R.T.: 0.009 min  
Response: 47456  
Conc: 112.37 ng/ml



#15 AR-1232-5

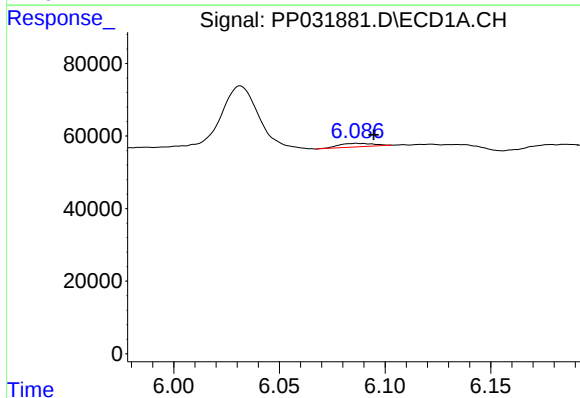
R.T.: 0.000 min  
Exp R.T.: 6.389 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
200FB-030-0204



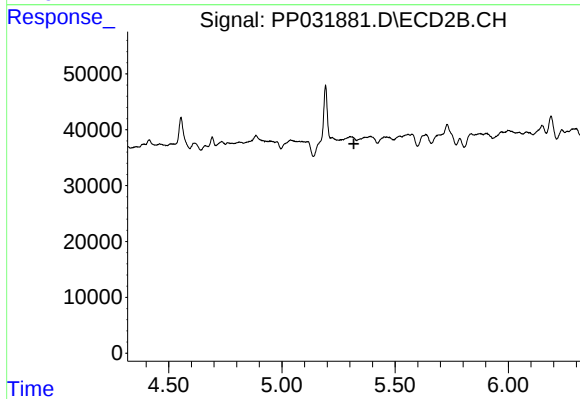
#15 AR-1232-5

R.T.: 5.837 min  
Delta R.T.: 0.030 min  
Response: 36417  
Conc: 125.67 ng/ml



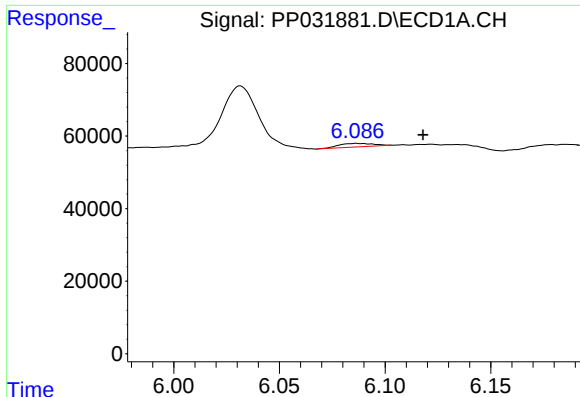
#16 AR-1242-1

R.T.: 6.087 min  
Delta R.T.: -0.008 min  
Response: 11185  
Conc: 9.35 ng/ml



#16 AR-1242-1

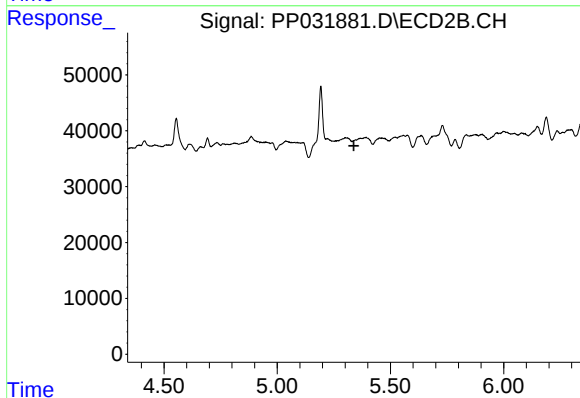
R.T.: 0.000 min  
Exp R.T.: 5.318 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

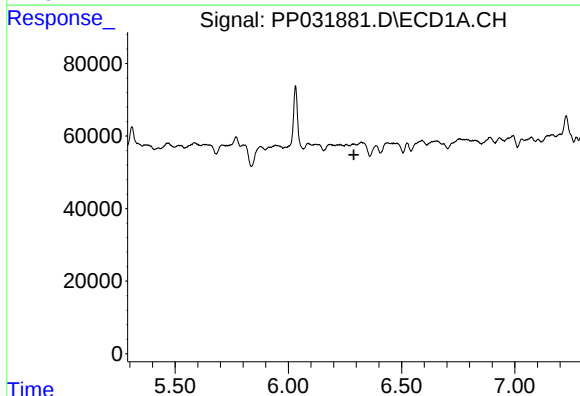
R.T.: 6.087 min  
Delta R.T.: -0.031 min  
Response: 11185  
Conc: 6.29 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
200FB-030-0204



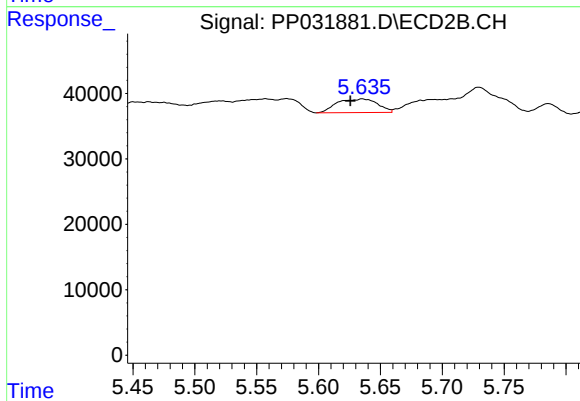
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 5.339 min  
Response: 0  
Conc: N.D.



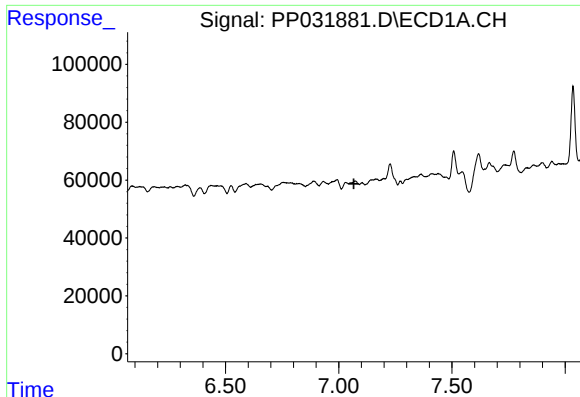
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 6.289 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

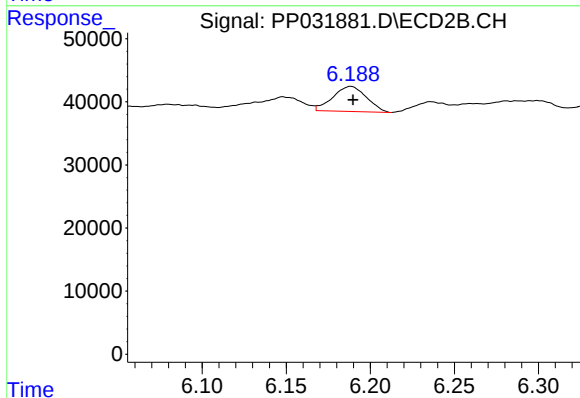
R.T.: 5.635 min  
Delta R.T.: 0.009 min  
Response: 47456  
Conc: 56.49 ng/ml



#20 AR-1242-5

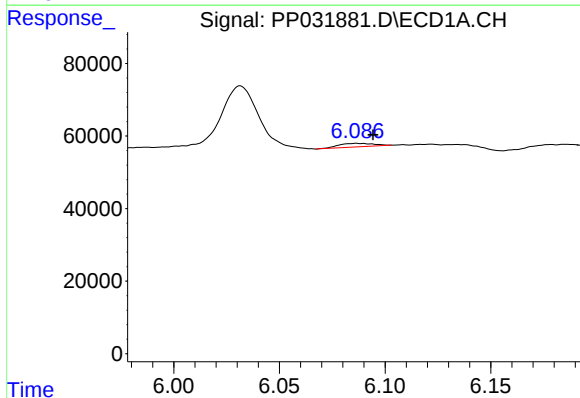
R.T.: 0.000 min  
Exp R.T.: 7.067 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
200FB-030-0204



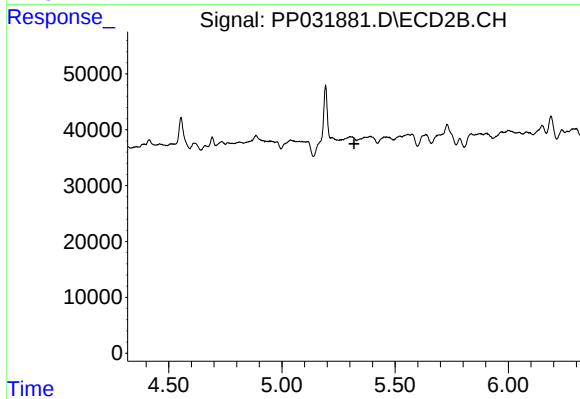
#20 AR-1242-5

R.T.: 6.188 min  
Delta R.T.: -0.001 min  
Response: 55152  
Conc: 53.46 ng/ml



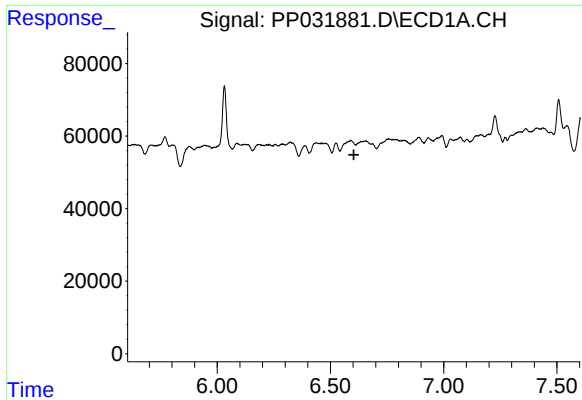
#21 AR-1248-1

R.T.: 6.087 min  
Delta R.T.: -0.008 min  
Response: 11185  
Conc: 12.11 ng/ml



#21 AR-1248-1

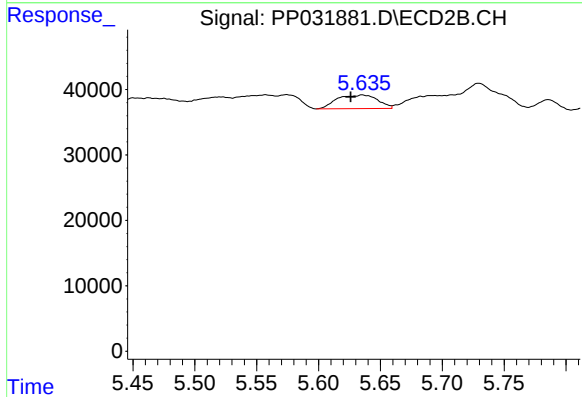
R.T.: 0.000 min  
Exp R.T.: 5.318 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

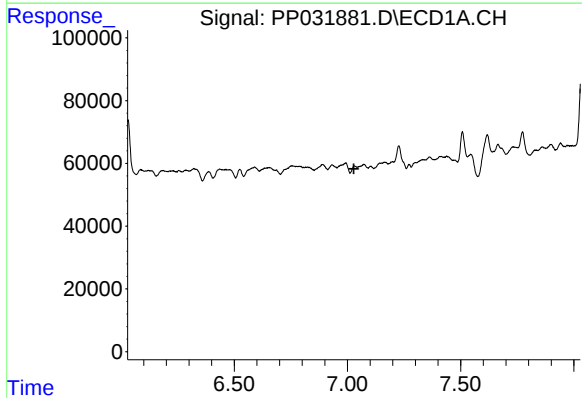
R.T.: 0.000 min  
Exp R.T.: 6.603 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
200FB-030-0204



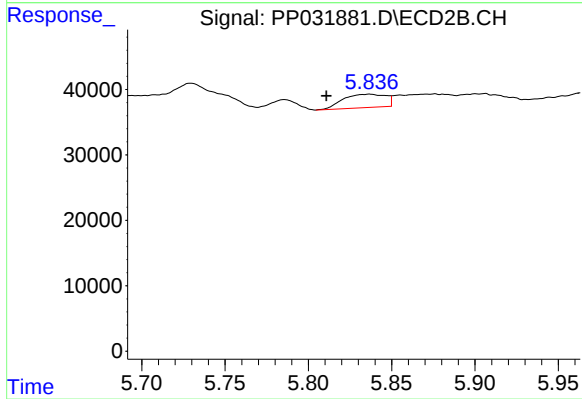
#23 AR-1248-3

R.T.: 5.635 min  
Delta R.T.: 0.009 min  
Response: 47456  
Conc: 37.49 ng/ml



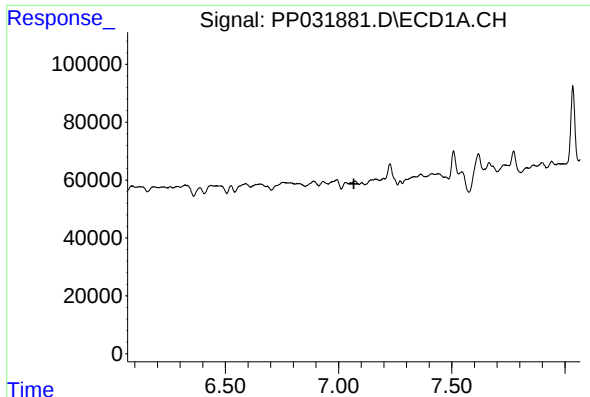
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T.: 7.029 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

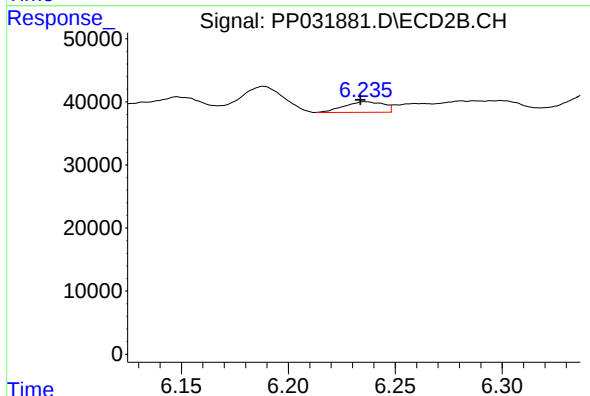
R.T.: 5.837 min  
Delta R.T.: 0.026 min  
Response: 36417  
Conc: 23.77 ng/ml



#25 AR-1248-5

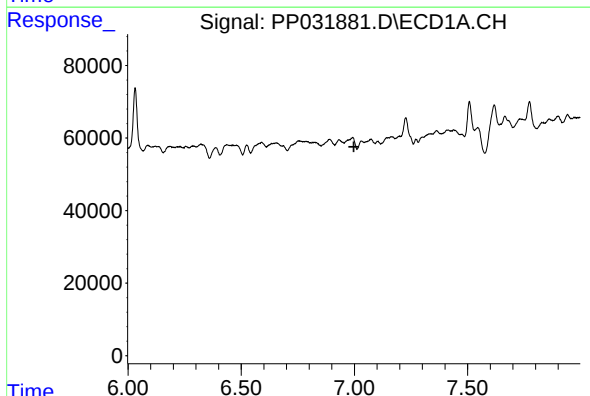
R.T.: 0.000 min  
Exp R.T.: 7.068 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
200FB-030-0204



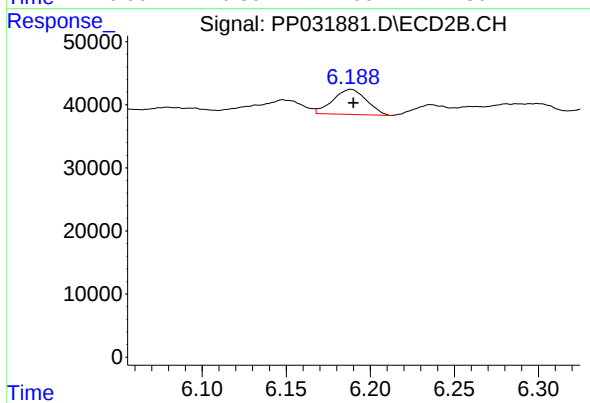
#25 AR-1248-5

R.T.: 6.236 min  
Delta R.T.: 0.002 min  
Response: 21658  
Conc: 14.84 ng/ml



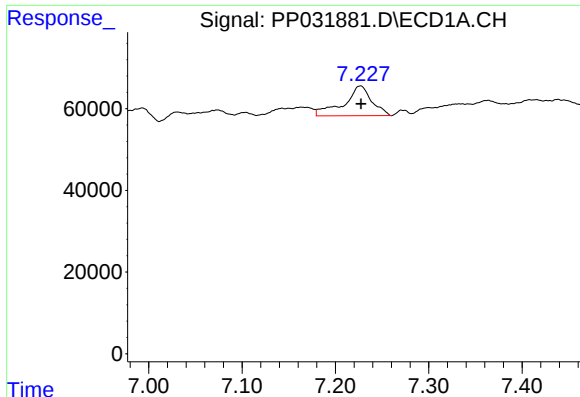
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T.: 6.998 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

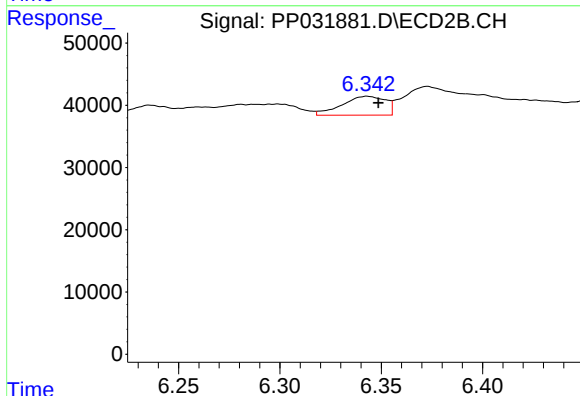
R.T.: 6.188 min  
Delta R.T.: -0.002 min  
Response: 55152  
Conc: 25.50 ng/ml



#27 AR-1254-2

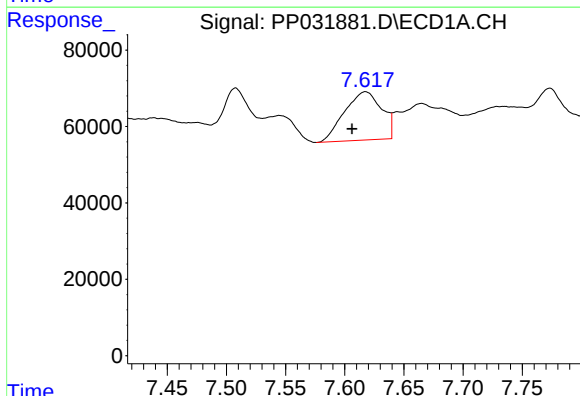
R.T.: 7.227 min  
Delta R.T.: 0.000 min  
Response: 151726  
Conc: 65.33 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
200FB-030-0204



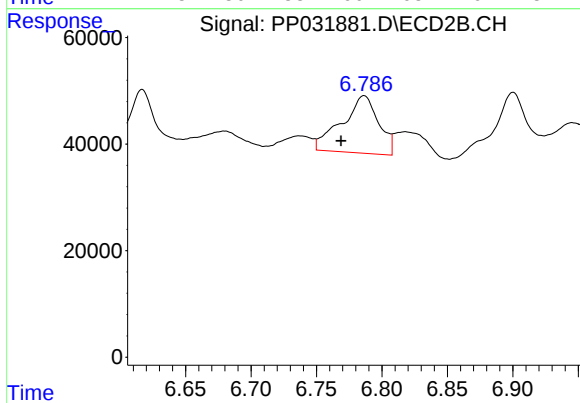
#27 AR-1254-2

R.T.: 6.343 min  
Delta R.T.: -0.006 min  
Response: 45356  
Conc: 24.35 ng/ml



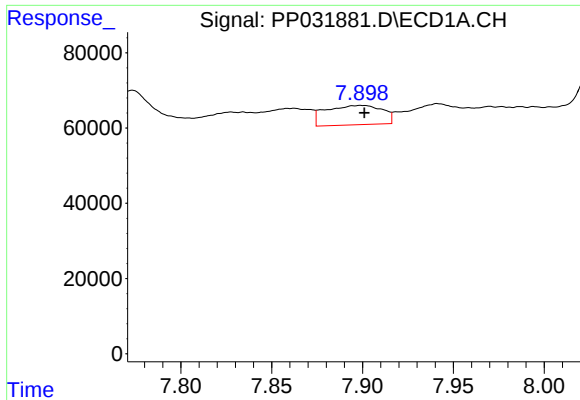
#28 AR-1254-3

R.T.: 7.618 min  
Delta R.T.: 0.011 min  
Response: 276585  
Conc: 109.48 ng/ml



#28 AR-1254-3

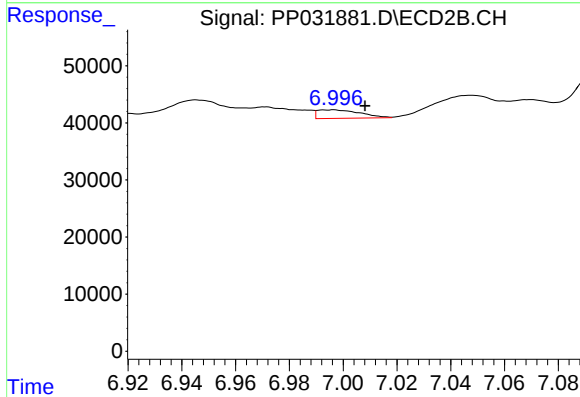
R.T.: 6.786 min  
Delta R.T.: 0.018 min  
Response: 210874  
Conc: 68.22 ng/ml



#29 AR-1254-4

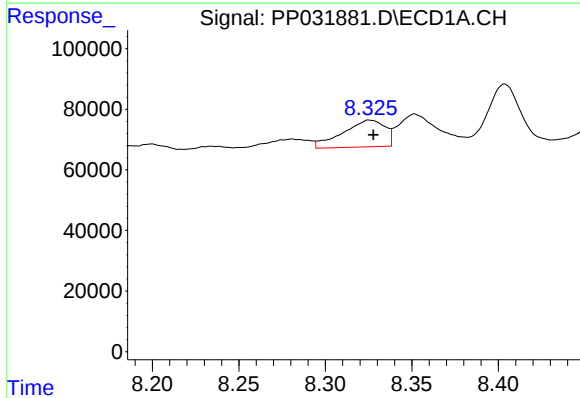
R.T.: 7.900 min  
Delta R.T.: -0.001 min  
Response: 111402  
Conc: 65.65 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
200FB-030-0204



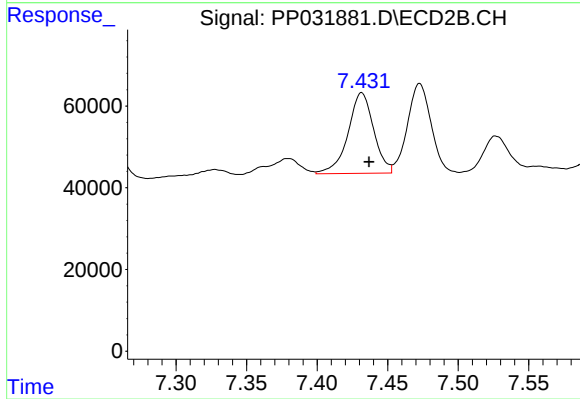
#29 AR-1254-4

R.T.: 6.996 min  
Delta R.T.: -0.012 min  
Response: 16406  
Conc: 9.66 ng/ml



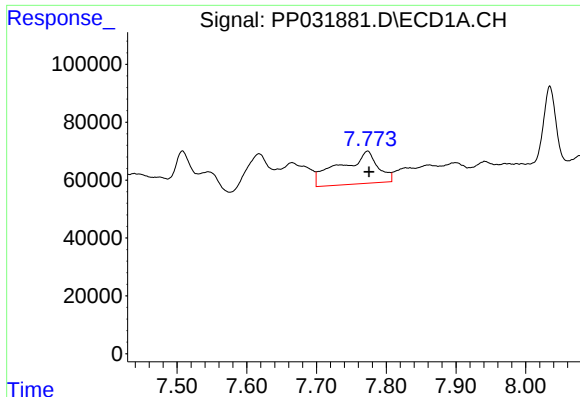
#30 AR-1254-5

R.T.: 8.326 min  
Delta R.T.: -0.002 min  
Response: 150067  
Conc: 80.28 ng/ml



#30 AR-1254-5

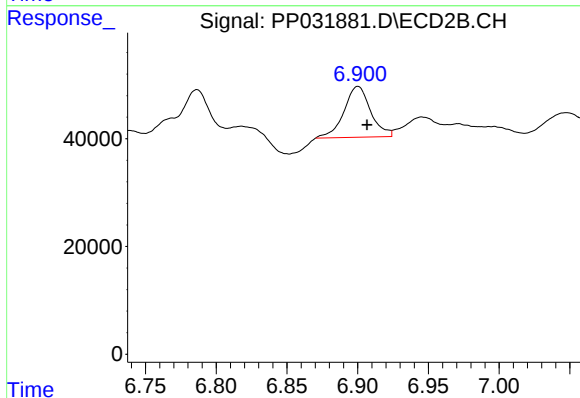
R.T.: 7.432 min  
Delta R.T.: -0.005 min  
Response: 250087  
Conc: 92.64 ng/ml



#31 AR-1260-1

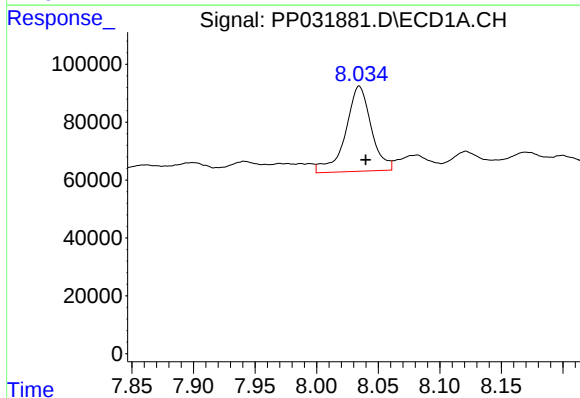
R.T.: 7.773 min  
Delta R.T.: -0.002 min  
Response: 423323  
Conc: 241.89 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
200FB-030-0204



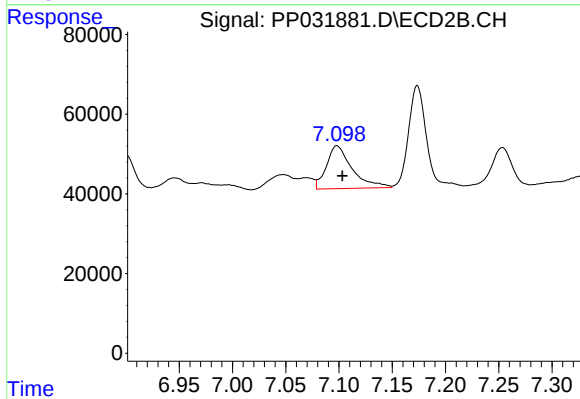
#31 AR-1260-1

R.T.: 6.900 min  
Delta R.T.: -0.006 min  
Response: 124019  
Conc: 62.76 ng/ml



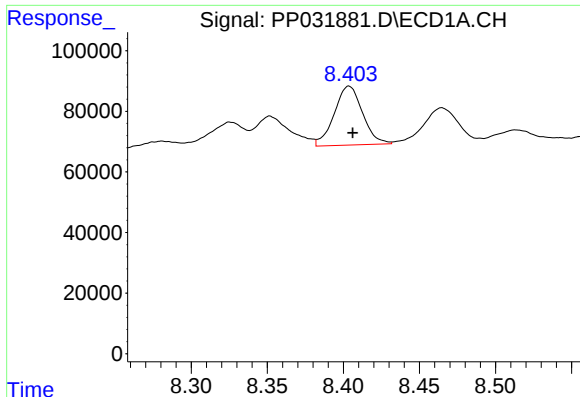
#32 AR-1260-2

R.T.: 8.035 min  
Delta R.T.: -0.005 min  
Response: 425469  
Conc: 207.07 ng/ml



#32 AR-1260-2

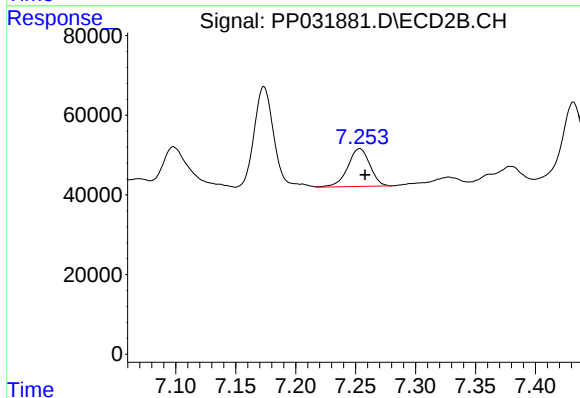
R.T.: 7.098 min  
Delta R.T.: -0.005 min  
Response: 180549  
Conc: 74.14 ng/ml



#33 AR-1260-3

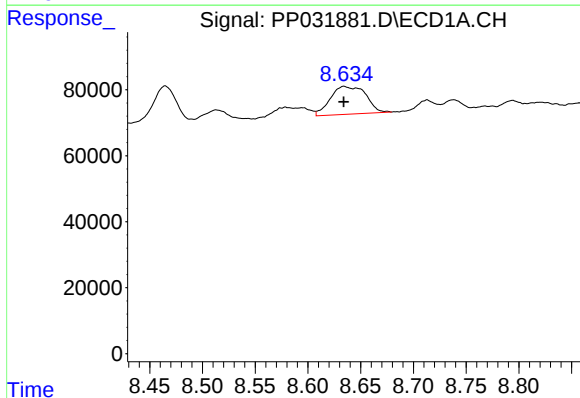
R.T.: 8.404 min  
Delta R.T.: -0.002 min  
Response: 251795  
Conc: 154.38 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
200FB-030-0204



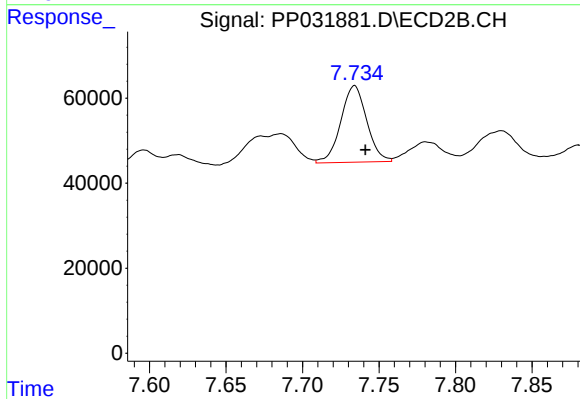
#33 AR-1260-3

R.T.: 7.253 min  
Delta R.T.: -0.005 min  
Response: 121944  
Conc: 53.40 ng/ml



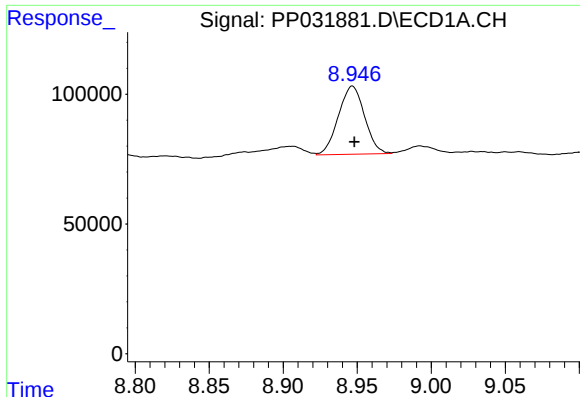
#34 AR-1260-4

R.T.: 8.634 min  
Delta R.T.: 0.000 min  
Response: 196474  
Conc: 106.70 ng/ml



#34 AR-1260-4

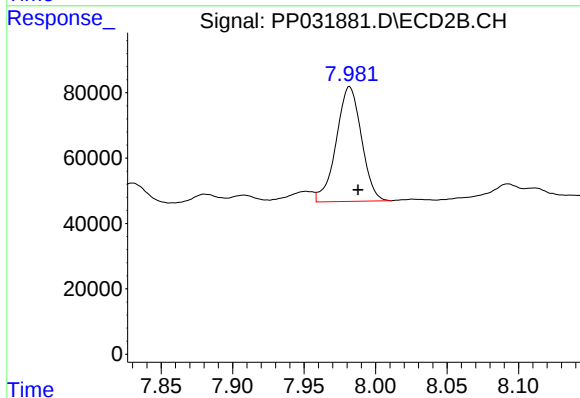
R.T.: 7.734 min  
Delta R.T.: -0.007 min  
Response: 213240  
Conc: 112.22 ng/ml



#35 AR-1260-5

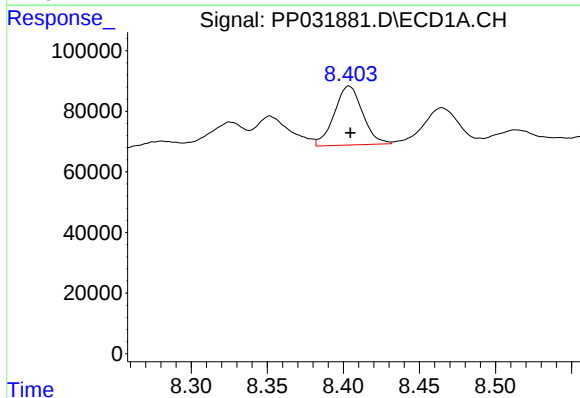
R.T.: 8.947 min  
Delta R.T.: -0.001 min  
Response: 323358  
Conc: 87.70 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
200FB-030-0204



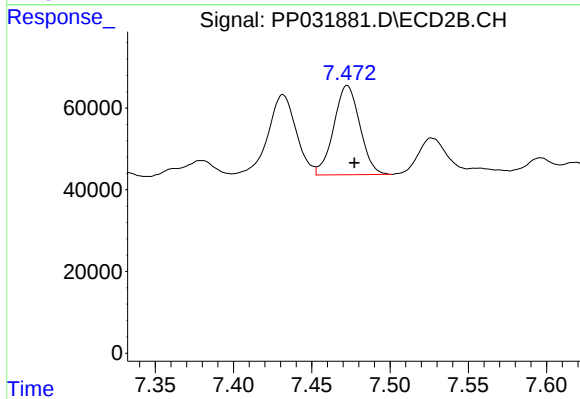
#35 AR-1260-5

R.T.: 7.982 min  
Delta R.T.: -0.006 min  
Response: 431016  
Conc: 94.98 ng/ml



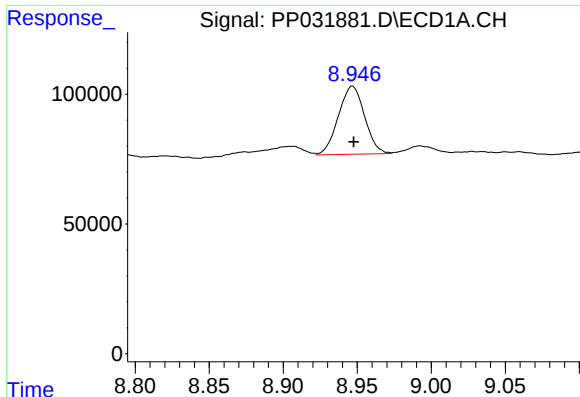
#36 AR-1262-1

R.T.: 8.404 min  
Delta R.T.: 0.000 min  
Response: 251795  
Conc: 110.82 ng/ml



#36 AR-1262-1

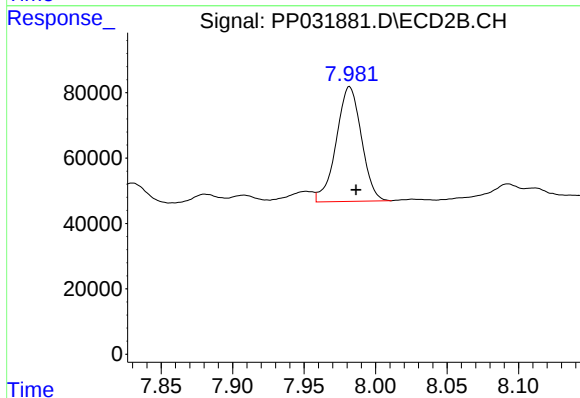
R.T.: 7.473 min  
Delta R.T.: -0.004 min  
Response: 253514  
Conc: 91.22 ng/ml



#37 AR-1262-2

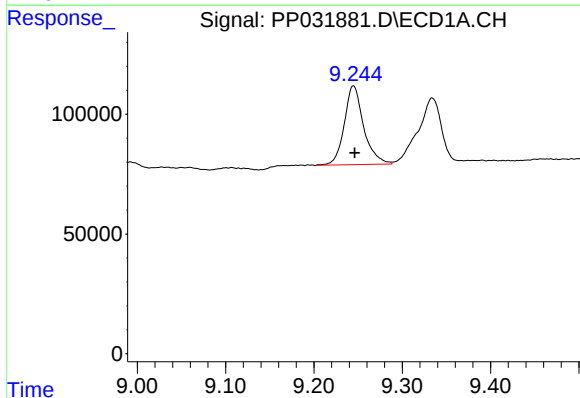
R.T.: 8.947 min  
Delta R.T.: 0.000 min  
Response: 323358  
Conc: 81.38 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
200FB-030-0204



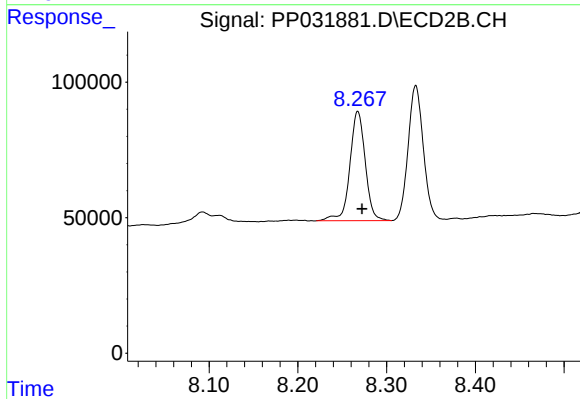
#37 AR-1262-2

R.T.: 7.982 min  
Delta R.T.: -0.005 min  
Response: 431016  
Conc: 88.73 ng/ml



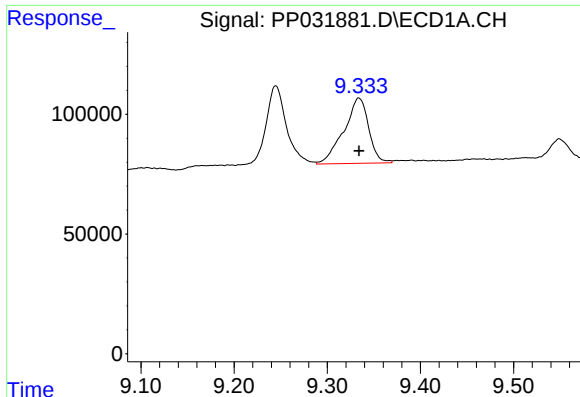
#38 AR-1262-3

R.T.: 9.245 min  
Delta R.T.: -0.002 min  
Response: 501413  
Conc: 180.28 ng/ml



#38 AR-1262-3

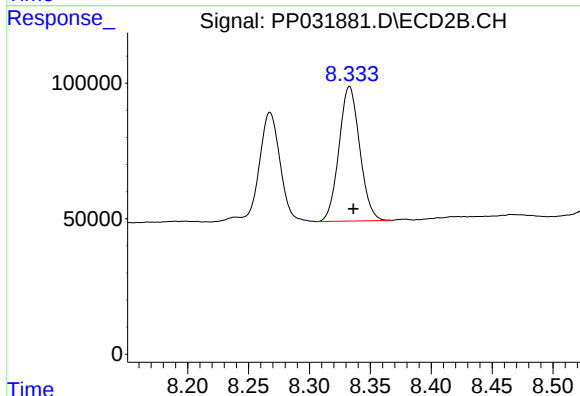
R.T.: 8.268 min  
Delta R.T.: -0.005 min  
Response: 486706  
Conc: 247.45 ng/ml



#39 AR-1262-4

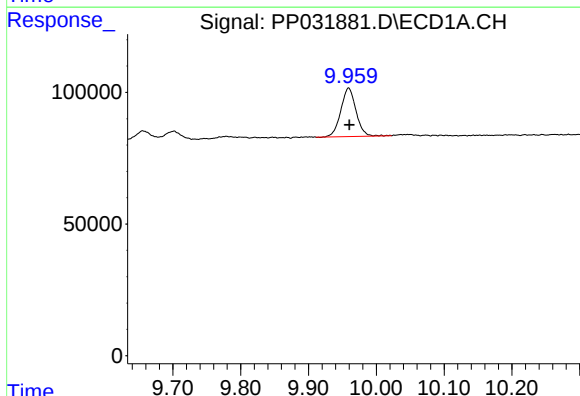
R.T.: 9.334 min  
Delta R.T.: 0.000 min  
Response: 504405  
Conc: 230.10 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
200FB-030-0204



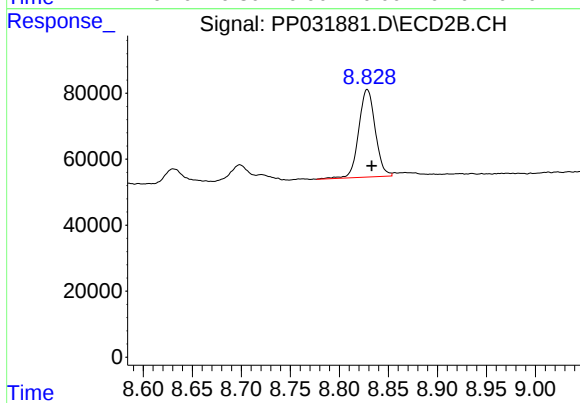
#39 AR-1262-4

R.T.: 8.333 min  
Delta R.T.: -0.003 min  
Response: 588991  
Conc: 162.47 ng/ml



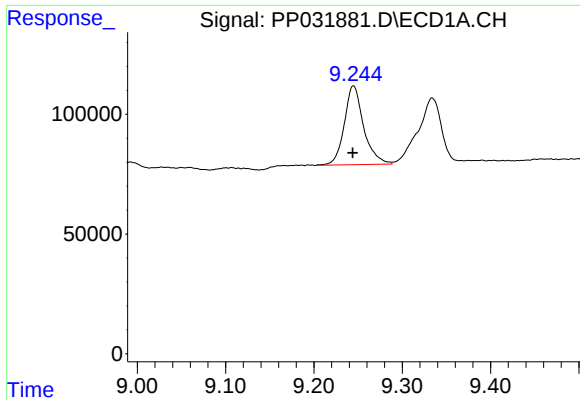
#40 AR-1262-5

R.T.: 9.959 min  
Delta R.T.: -0.001 min  
Response: 286962  
Conc: 196.55 ng/ml



#40 AR-1262-5

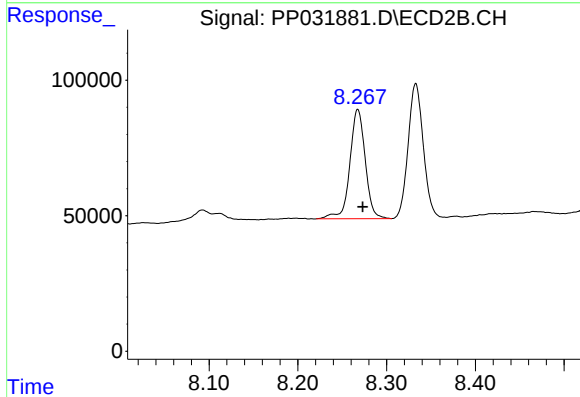
R.T.: 8.829 min  
Delta R.T.: -0.004 min  
Response: 312392  
Conc: 192.46 ng/ml



#41 AR-1268-1

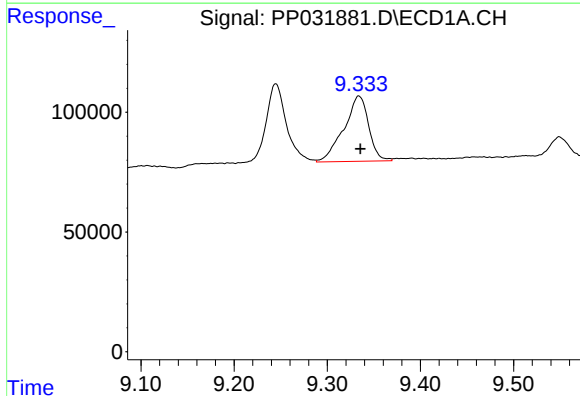
R.T.: 9.245 min  
Delta R.T.: 0.000 min  
Response: 501413  
Conc: 104.34 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
200FB-030-0204



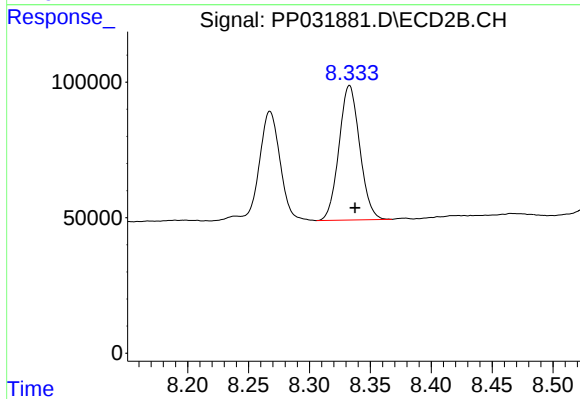
#41 AR-1268-1

R.T.: 8.268 min  
Delta R.T.: -0.006 min  
Response: 486706  
Conc: 87.96 ng/ml



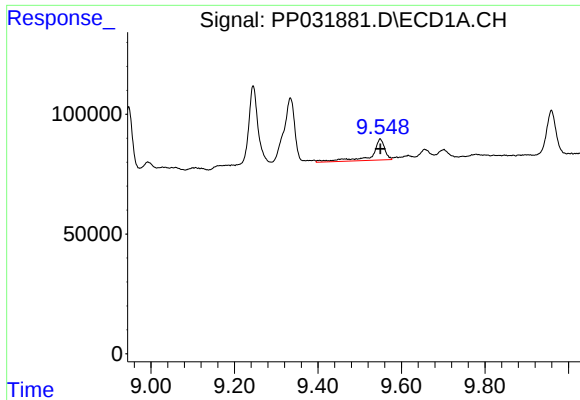
#42 AR-1268-2

R.T.: 9.334 min  
Delta R.T.: -0.002 min  
Response: 504405  
Conc: 108.35 ng/ml



#42 AR-1268-2

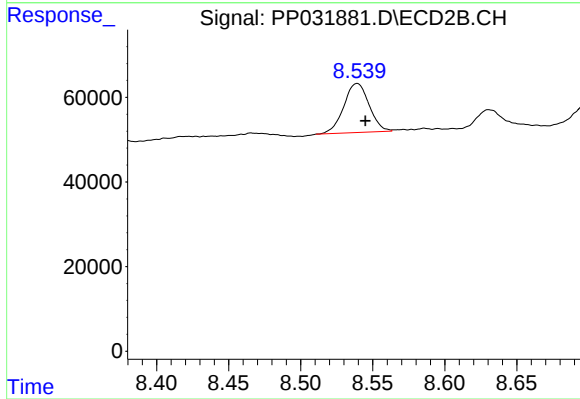
R.T.: 8.333 min  
Delta R.T.: -0.005 min  
Response: 588991  
Conc: 108.94 ng/ml



#43 AR-1268-3

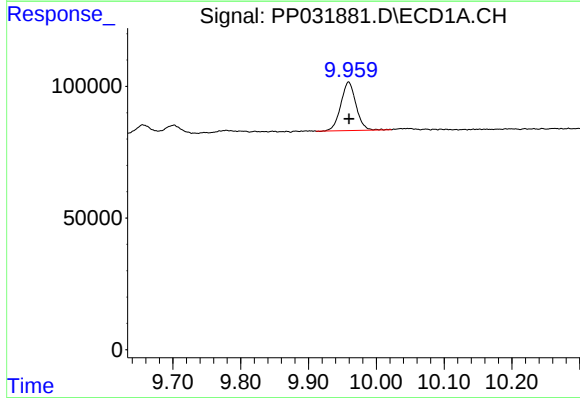
R.T.: 9.549 min  
Delta R.T.: 0.000 min  
Response: 191131  
Conc: 47.27 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
200FB-030-0204



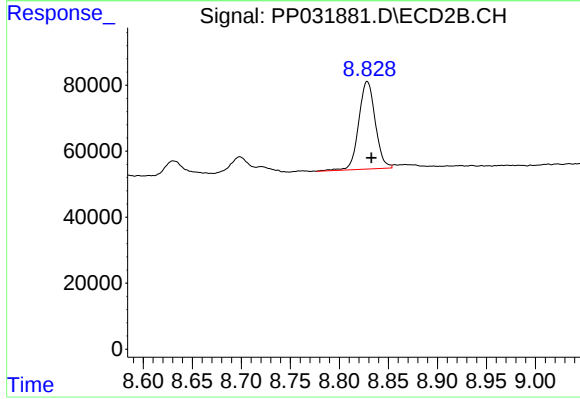
#43 AR-1268-3

R.T.: 8.539 min  
Delta R.T.: -0.006 min  
Response: 141934  
Conc: 30.94 ng/ml



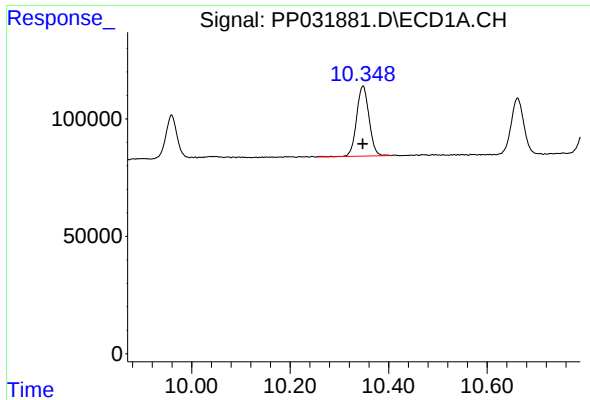
#44 AR-1268-4

R.T.: 9.959 min  
Delta R.T.: 0.000 min  
Response: 286962  
Conc: 184.75 ng/ml



#44 AR-1268-4

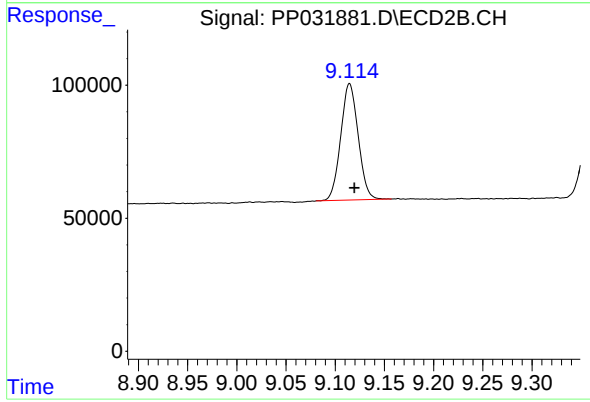
R.T.: 8.829 min  
Delta R.T.: -0.004 min  
Response: 312392  
Conc: 171.39 ng/ml



#45 AR-1268-5

R.T.: 10.348 min  
Delta R.T.: 0.000 min  
Response: 525699  
Conc: 43.10 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
200FB-030-0204



#45 AR-1268-5

R.T.: 9.115 min  
Delta R.T.: -0.005 min  
Response: 540279  
Conc: 39.02 ng/ml