

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP030421\  
 Data File : PP033679.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 04 Mar 2021 19:42  
 Operator : DD\AJ  
 Sample : AR1254ICV500  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 ICVPP030421

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 05 04:42:39 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP030421.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Mar 05 04:37:34 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... | 4.861  | 4.274 | 5431887 | 2038133 | 47.287  | 51.192     |
| 2)                          | SA Decachlor... | 10.796 | 9.616 | 4429682 | 1210681 | 48.951  | 51.824     |
| Target Compounds            |                 |        |       |         |         |         |            |
| 3)                          | L1 AR-1016-1    | 6.174  | 0.000 | 45774   | 0       | 13.775  | N.D. #     |
| 4)                          | L1 AR-1016-2    | 6.201  | 0.000 | 61762   | 0       | 12.419  | N.D. #     |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.798 | 0       | 349819  | N.D.    | 538.170 #  |
| 7)                          | L1 AR-1016-5    | 6.683  | 6.029 | 586519  | 209948  | 237.304 | 248.714    |
| 9)                          | L2 AR-1221-2    | 5.209  | 0.000 | 70390   | 0       | 40.344  | N.D. #     |
| 13)                         | L3 AR-1232-3    | 6.201  | 0.000 | 61762   | 0       | 15.605  | N.D. #     |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.842 | 0       | 96059   | N.D.    | 157.143 #  |
| 15)                         | L3 AR-1232-5    | 6.467  | 6.029 | 988828  | 209948  | 731.711 | 320.658 #  |
| 16)                         | L4 AR-1242-1    | 6.174  | 0.000 | 45774   | 0       | 17.761  | N.D. #     |
| 17)                         | L4 AR-1242-2    | 6.201  | 0.000 | 61762   | 0       | 16.204  | N.D. #     |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.842 | 0       | 96059   | N.D.    | 152.353 #  |
| 20)                         | L4 AR-1242-5    | 7.150  | 6.408 | 522166  | 785215  | 272.158 | 1100.255 # |
| 21)                         | L5 AR-1248-1    | 6.174  | 0.000 | 45774   | 0       | 23.840  | N.D. #     |
| 22)                         | L5 AR-1248-2    | 6.467  | 5.798 | 988828  | 349819  | 365.750 | 384.122    |
| 23)                         | L5 AR-1248-3    | 6.683  | 5.842 | 586519  | 96059   | 183.830 | 98.833 #   |
| 24)                         | L5 AR-1248-4    | 7.110  | 6.029 | 802157  | 209948  | 246.573 | 187.474    |
| 25)                         | L5 AR-1248-5    | 7.150  | 6.450 | 522166  | 93056   | 161.195 | 95.354 #   |
| 26)                         | L6 AR-1254-1    | 7.079  | 6.408 | 1675903 | 785215  | 481.736 | 498.954    |
| 27)                         | L6 AR-1254-2    | 7.309  | 6.565 | 2541926 | 677206  | 482.942 | 494.315    |
| 28)                         | L6 AR-1254-3    | 7.688  | 6.987 | 2711697 | 1066361 | 485.877 | 497.337    |
| 29)                         | L6 AR-1254-4    | 7.985  | 7.223 | 1816588 | 557516  | 473.480 | 504.558    |
| 30)                         | L6 AR-1254-5    | 8.412  | 7.652 | 2076031 | 822046  | 495.196 | 479.791    |
| 31)                         | L7 AR-1260-1    | 7.856  | 7.123 | 1116654 | 516720  | 269.992 | 381.507 #  |
| 32)                         | L7 AR-1260-2    | 8.121  | 7.316 | 1197072 | 378576  | 251.530 | 244.604    |
| 33)                         | L7 AR-1260-3    | 8.472  | 7.472 | 284001  | 416987  | 74.383  | 281.611 #  |
| 34)                         | L7 AR-1260-4    | 8.706  | 7.956 | 768225  | 45569   | 173.645 | 37.196 #   |
| 35)                         | L7 AR-1260-5    | 9.035  | 8.198 | 271799  | 75568   | 32.009  | 28.772     |
| 36)                         | L8 AR-1262-1    | 8.472  | 7.652 | 284001  | 822046  | 52.522  | 897.992 #  |
| 37)                         | L8 AR-1262-2    | 9.035  | 8.198 | 271799  | 75568   | 29.426  | 25.587     |
| 38)                         | L8 AR-1262-3    | 9.358f | 0.000 | 215736  | 0       | 32.849  | N.D. #     |
| 39)                         | L8 AR-1262-4    | 9.405f | 8.546 | 45585   | 84154   | 8.247   | 39.738 #   |
| 41)                         | L9 AR-1268-1    | 9.358f | 0.000 | 215736  | 0       | 18.521  | N.D. #     |
| 42)                         | L9 AR-1268-2    | 9.405f | 8.546 | 45585   | 84154   | 3.931   | 27.076 #   |
| -----                       |                 |        |       |         |         |         |            |

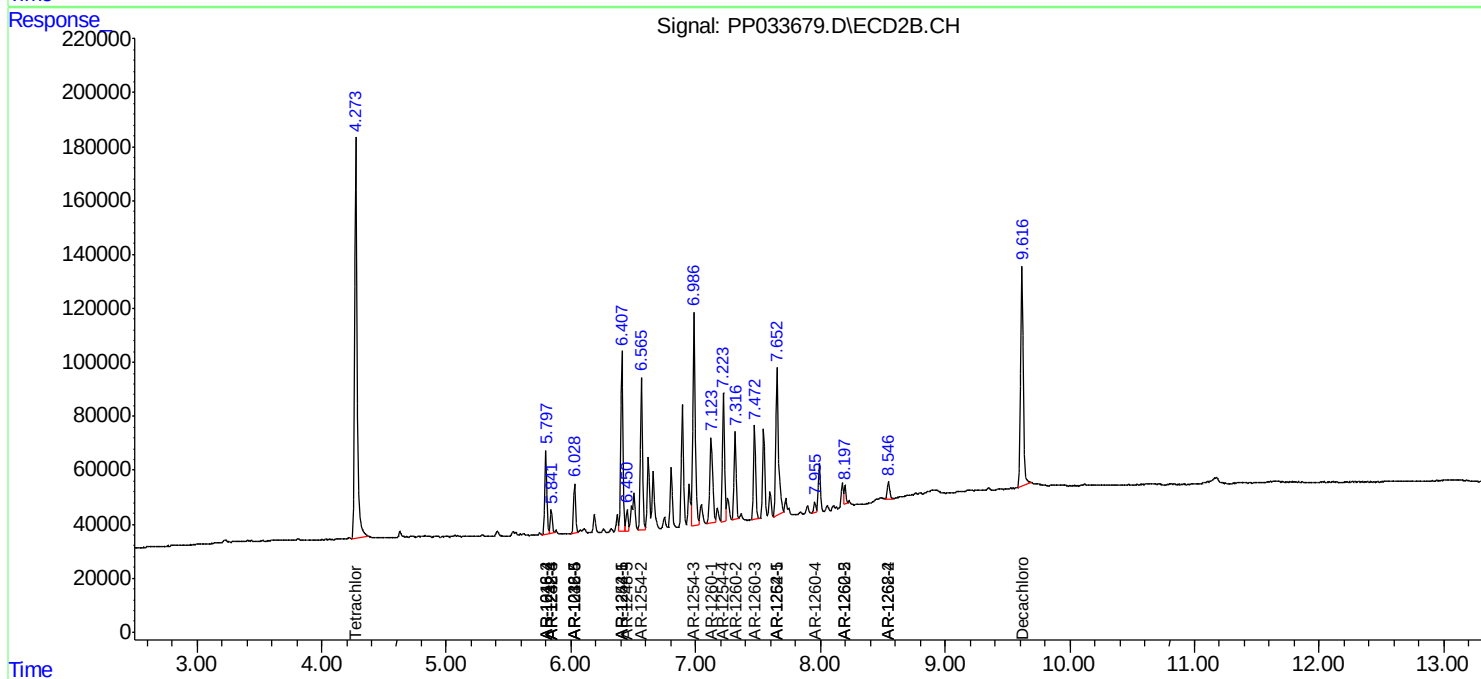
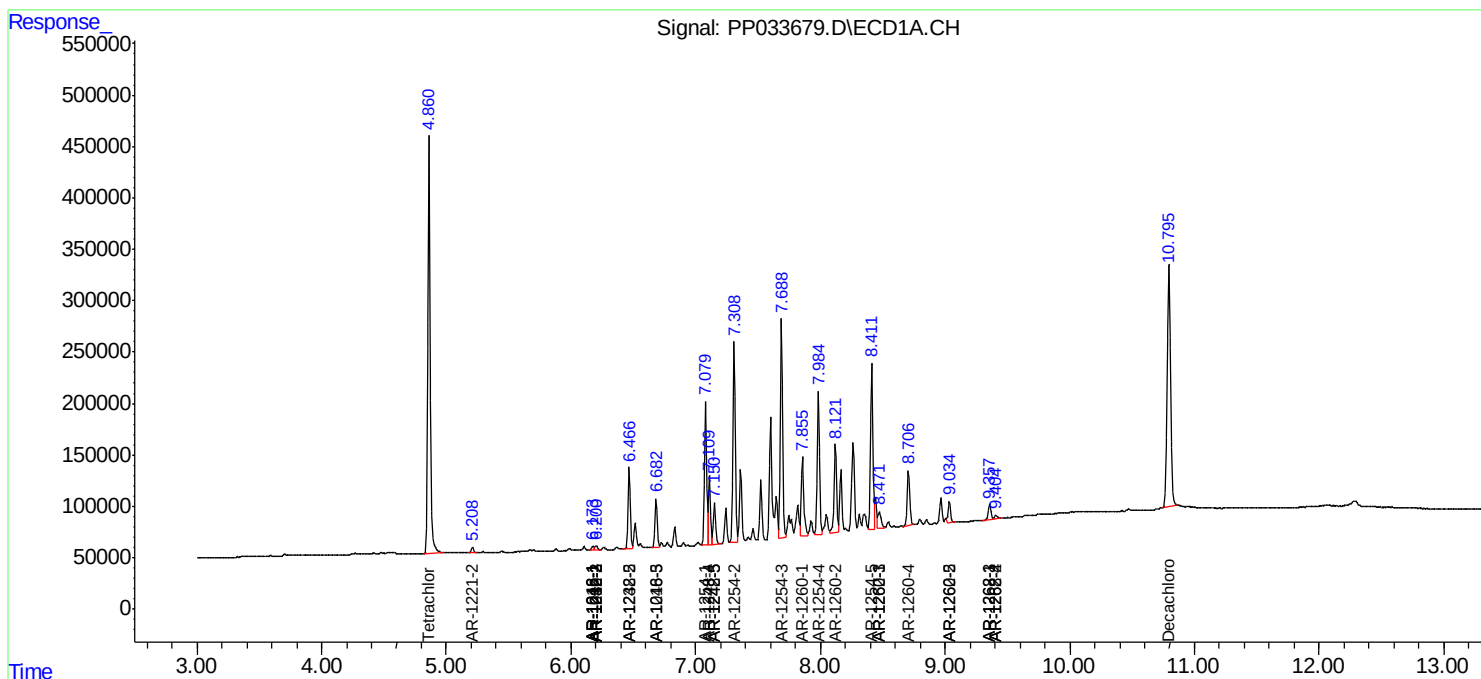
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

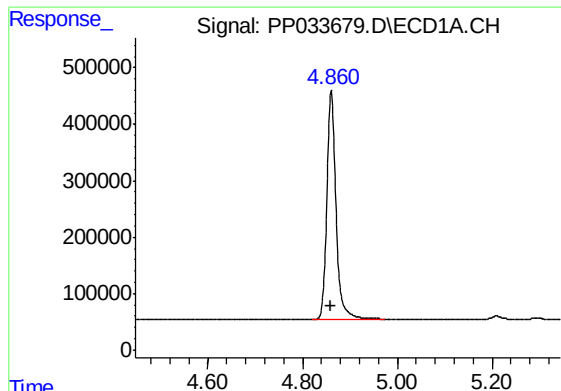
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP030421\  
Data File : PP033679.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 04 Mar 2021 19:42  
Operator : DD\AJ  
Sample : AR1254ICV500  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampled :  
ICVPP030421

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 05 04:42:39 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP030421.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Mar 05 04:37:34 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

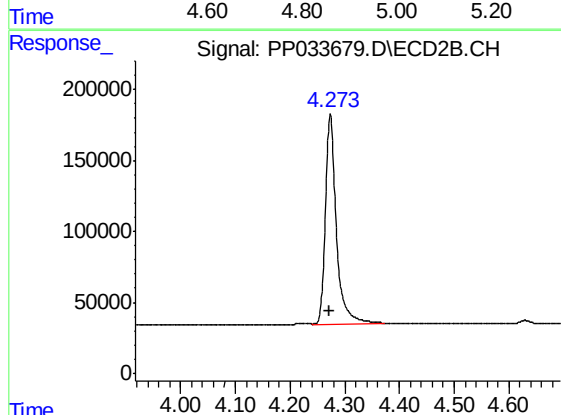




#1 Tetrachloro-m-xylene

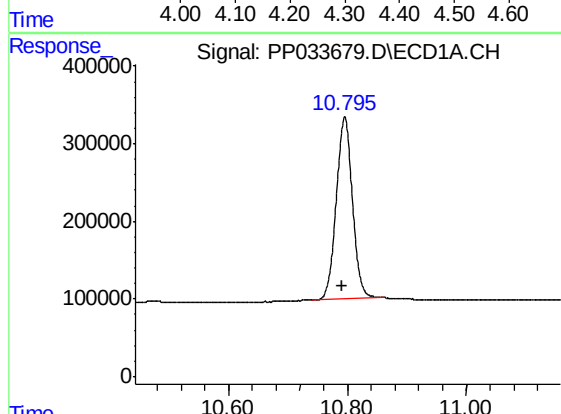
R.T.: 4.861 min  
Delta R.T.: 0.002 min  
Response: 5431887  
Conc: 47.29 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP030421



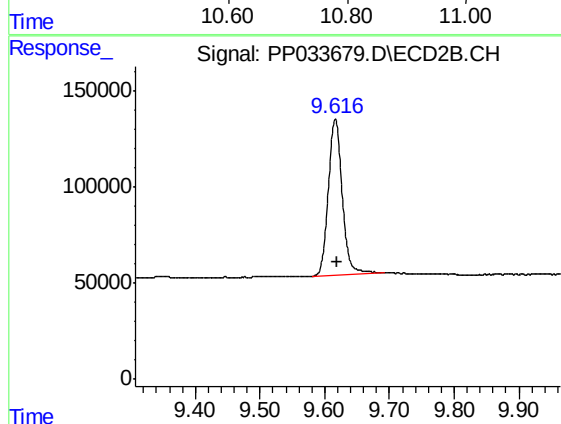
#1 Tetrachloro-m-xylene

R.T.: 4.274 min  
Delta R.T.: 0.002 min  
Response: 2038133  
Conc: 51.19 ng/ml



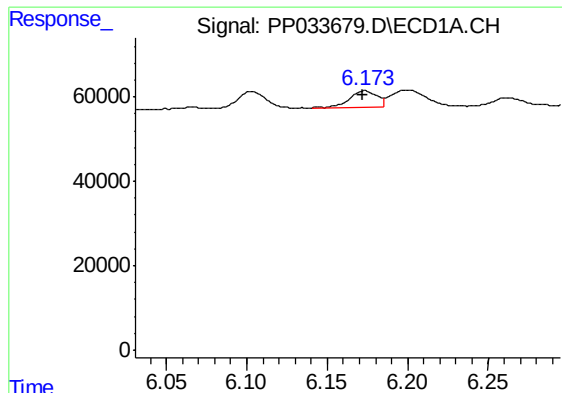
#2 Decachlorobiphenyl

R.T.: 10.796 min  
Delta R.T.: 0.004 min  
Response: 4429682  
Conc: 48.95 ng/ml



#2 Decachlorobiphenyl

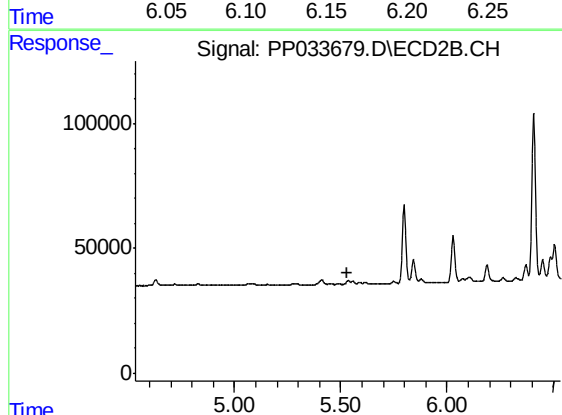
R.T.: 9.616 min  
Delta R.T.: -0.002 min  
Response: 1210681  
Conc: 51.82 ng/ml



#3 AR-1016-1

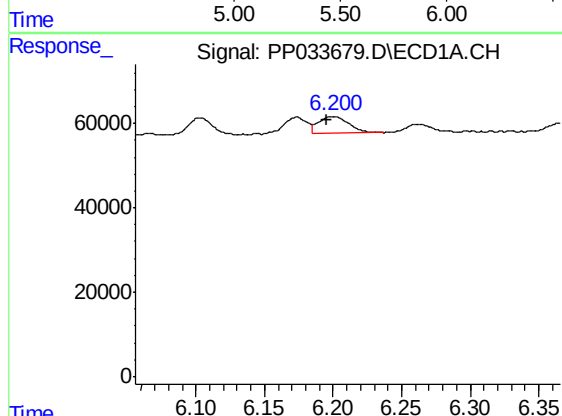
R.T.: 6.174 min  
Delta R.T.: 0.002 min  
Response: 45774  
Conc: 13.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP030421



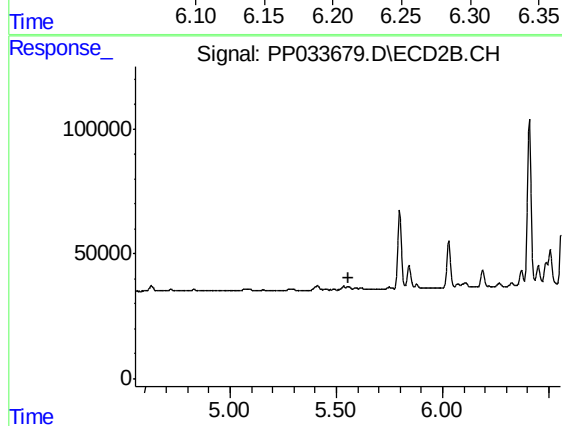
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 5.533 min  
Response: 0  
Conc: N.D.



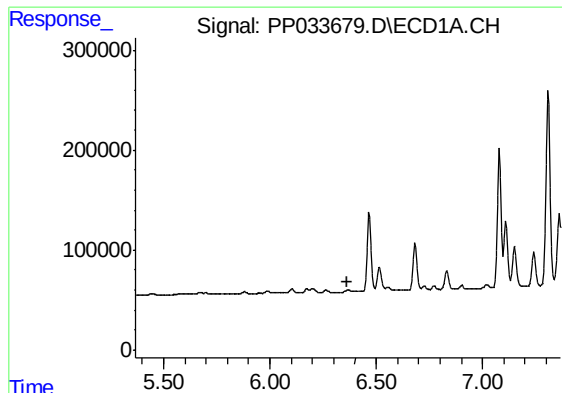
#4 AR-1016-2

R.T.: 6.201 min  
Delta R.T.: 0.006 min  
Response: 61762  
Conc: 12.42 ng/ml



#4 AR-1016-2

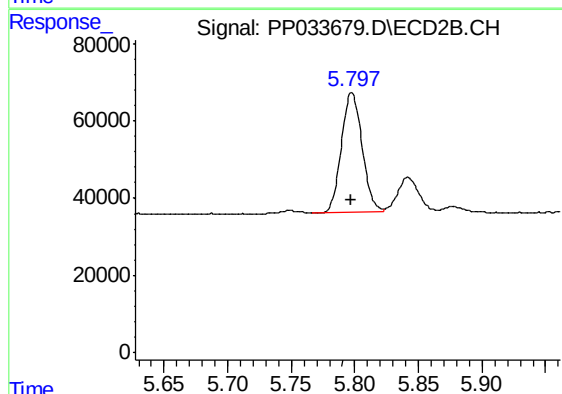
R.T.: 0.000 min  
Exp R.T. : 5.555 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

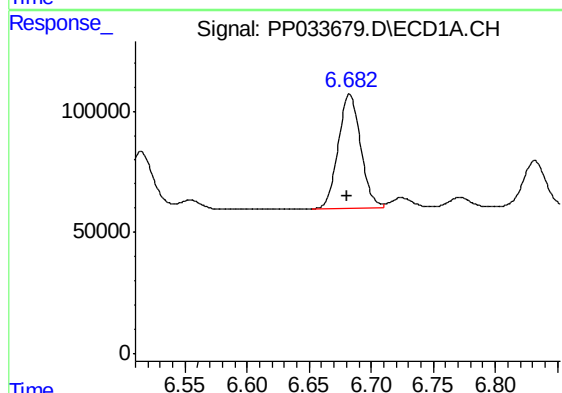
R.T.: 0.000 min  
Exp R.T.: 6.367 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP030421



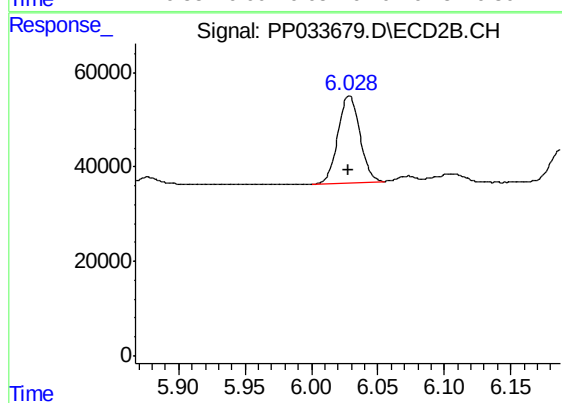
#6 AR-1016-4

R.T.: 5.798 min  
Delta R.T.: 0.000 min  
Response: 349819  
Conc: 538.17 ng/ml



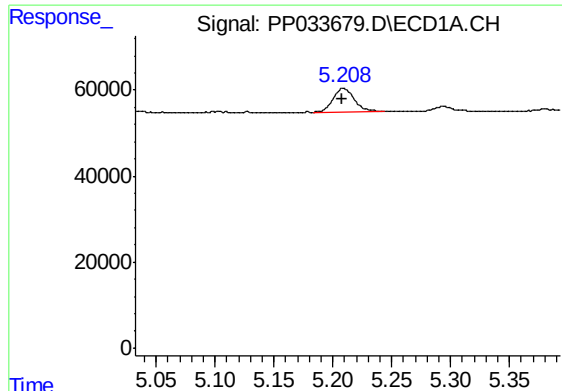
#7 AR-1016-5

R.T.: 6.683 min  
Delta R.T.: 0.002 min  
Response: 586519  
Conc: 237.30 ng/ml



#7 AR-1016-5

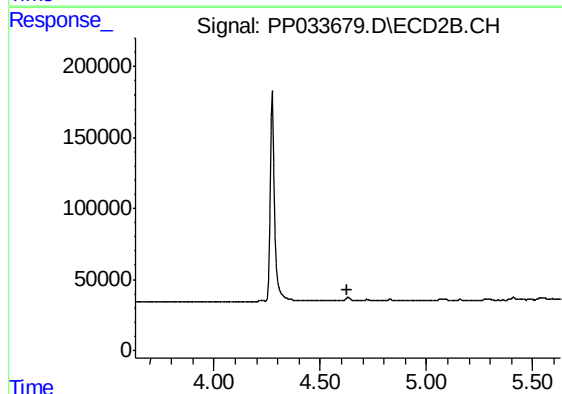
R.T.: 6.029 min  
Delta R.T.: 0.000 min  
Response: 209948  
Conc: 248.71 ng/ml



#9 AR-1221-2

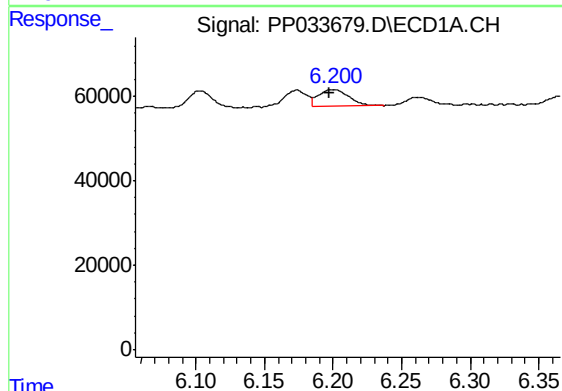
R.T.: 5.209 min  
Delta R.T.: 0.000 min  
Response: 70390  
Conc: 40.34 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP030421



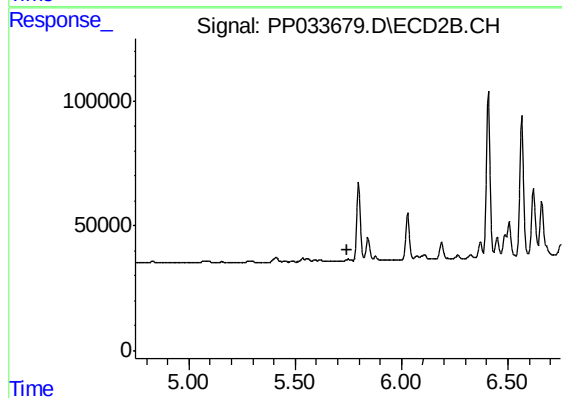
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T. : 4.630 min  
Response: 0  
Conc: N.D.



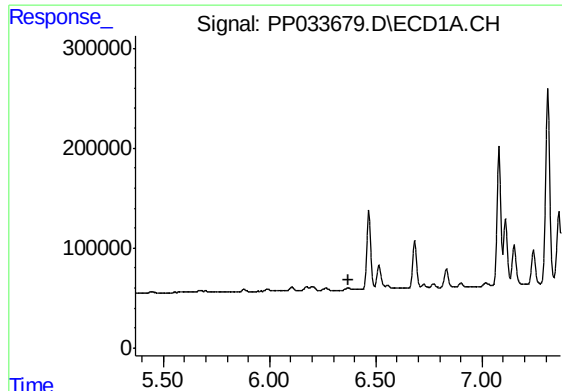
#13 AR-1232-3

R.T.: 6.201 min  
Delta R.T.: 0.003 min  
Response: 61762  
Conc: 15.61 ng/ml



#13 AR-1232-3

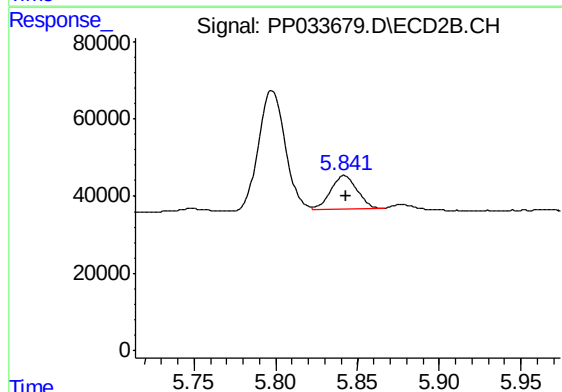
R.T.: 0.000 min  
Exp R.T. : 5.748 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

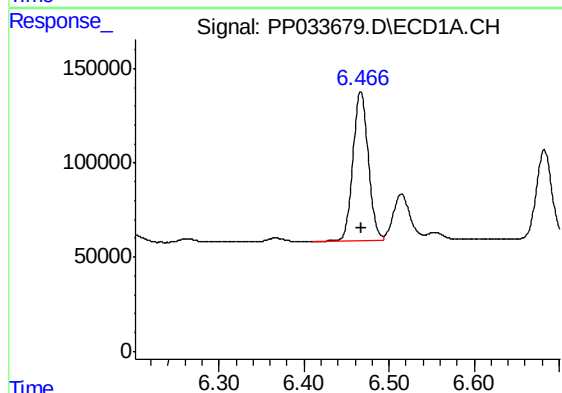
R.T.: 0.000 min  
Exp R.T.: 6.369 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP030421



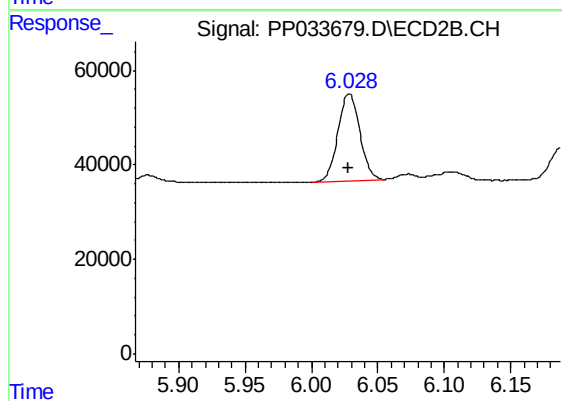
#14 AR-1232-4

R.T.: 5.842 min  
Delta R.T.: 0.000 min  
Response: 96059  
Conc: 157.14 ng/ml



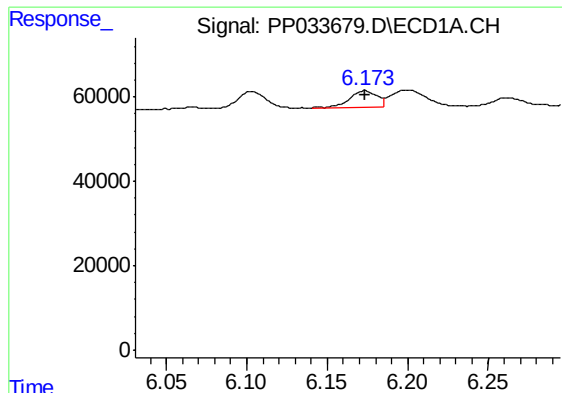
#15 AR-1232-5

R.T.: 6.467 min  
Delta R.T.: 0.000 min  
Response: 988828  
Conc: 731.71 ng/ml



#15 AR-1232-5

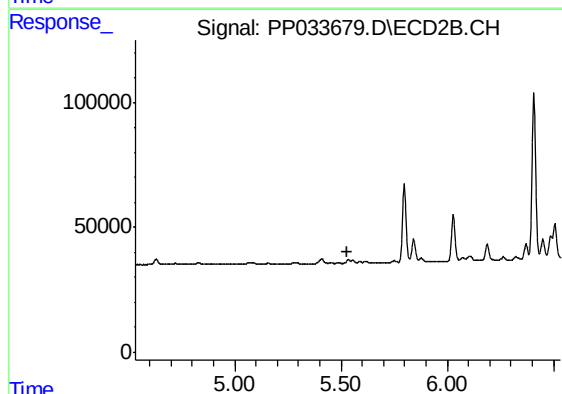
R.T.: 6.029 min  
Delta R.T.: 0.000 min  
Response: 209948  
Conc: 320.66 ng/ml



#16 AR-1242-1

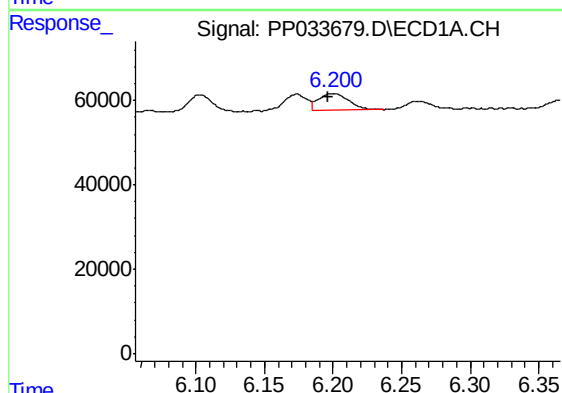
R.T.: 6.174 min  
Delta R.T.: 0.000 min  
Response: 45774  
Conc: 17.76 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP030421



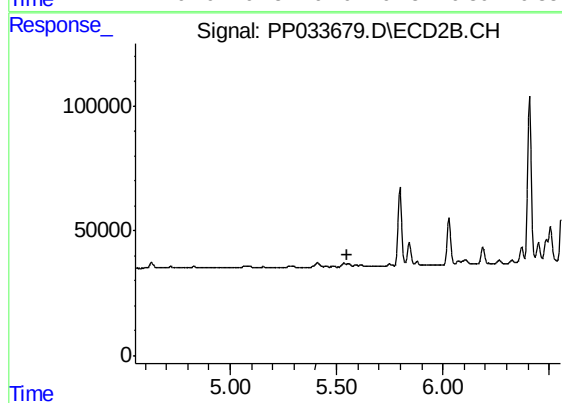
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 5.533 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

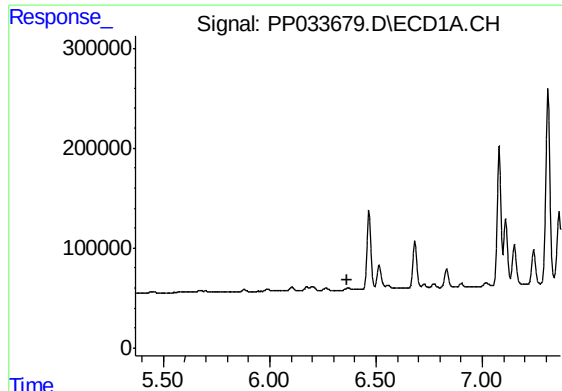
R.T.: 6.201 min  
Delta R.T.: 0.004 min  
Response: 61762  
Conc: 16.20 ng/ml



#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 5.553 min  
Response: 0  
Conc: N.D.

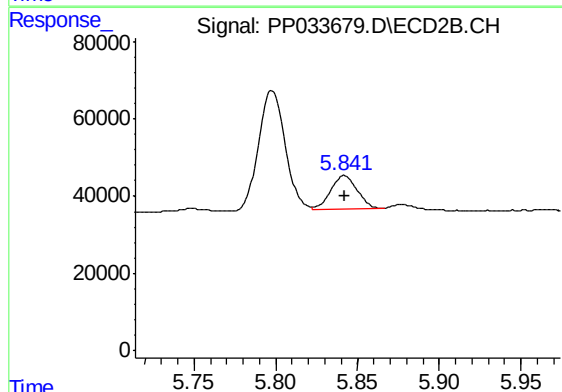




#19 AR-1242-4

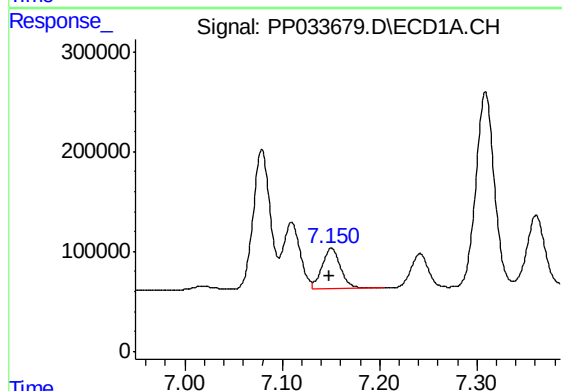
R.T.: 0.000 min  
Exp R.T.: 6.368 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP030421



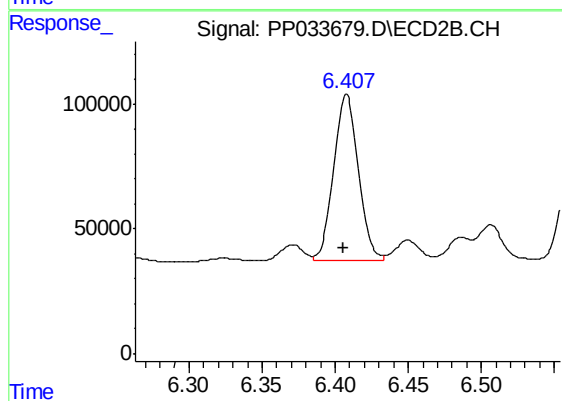
#19 AR-1242-4

R.T.: 5.842 min  
Delta R.T.: 0.000 min  
Response: 96059  
Conc: 152.35 ng/ml



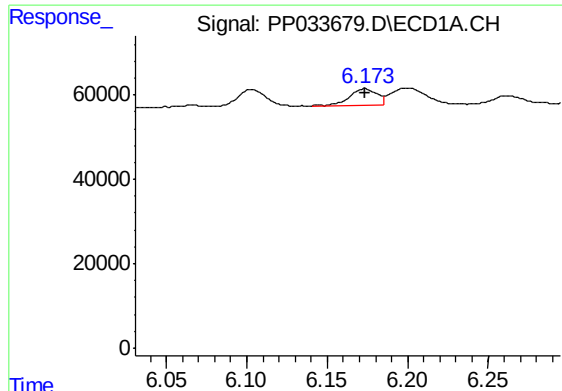
#20 AR-1242-5

R.T.: 7.150 min  
Delta R.T.: 0.002 min  
Response: 522166  
Conc: 272.16 ng/ml



#20 AR-1242-5

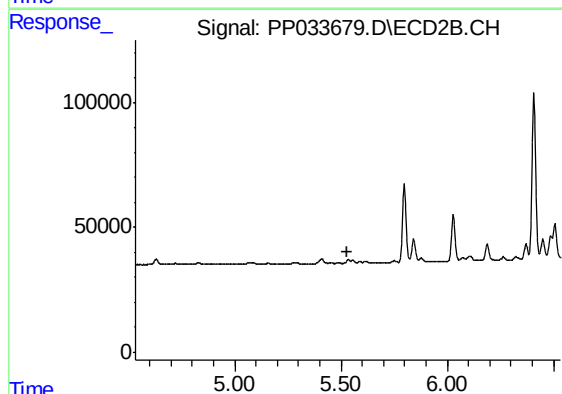
R.T.: 6.408 min  
Delta R.T.: 0.002 min  
Response: 785215  
Conc: 1100.26 ng/ml



#21 AR-1248-1

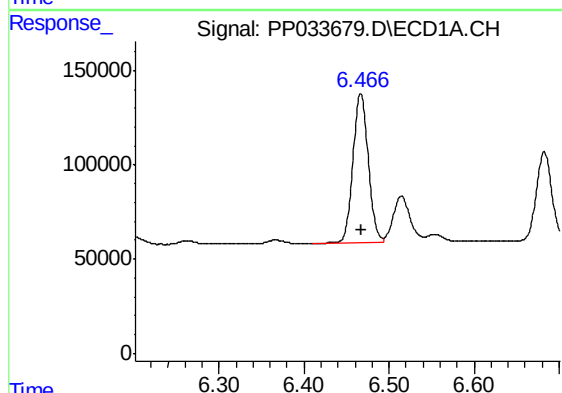
R.T.: 6.174 min  
Delta R.T.: 0.000 min  
Response: 45774  
Conc: 23.84 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP030421



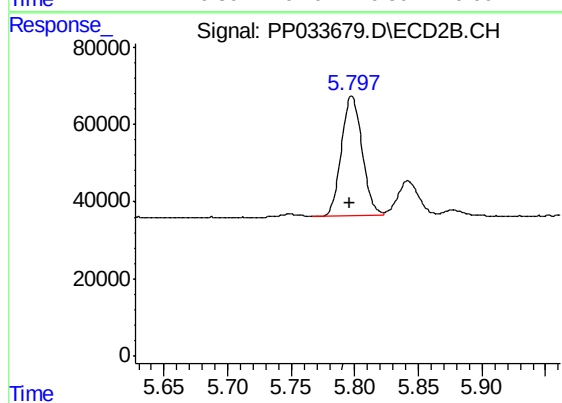
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 5.533 min  
Response: 0  
Conc: N.D.



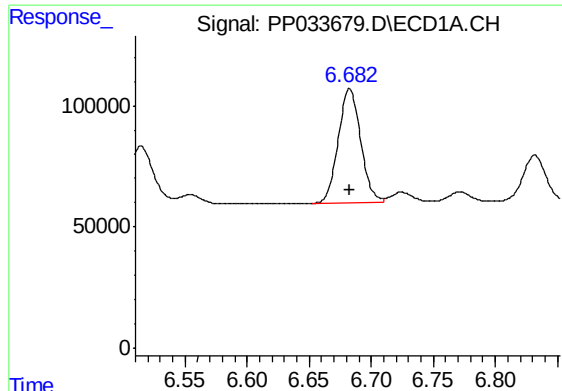
#22 AR-1248-2

R.T.: 6.467 min  
Delta R.T.: 0.000 min  
Response: 988828  
Conc: 365.75 ng/ml



#22 AR-1248-2

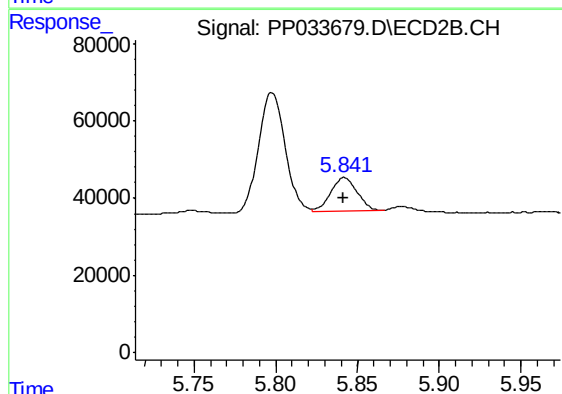
R.T.: 5.798 min  
Delta R.T.: 0.001 min  
Response: 349819  
Conc: 384.12 ng/ml



#23 AR-1248-3

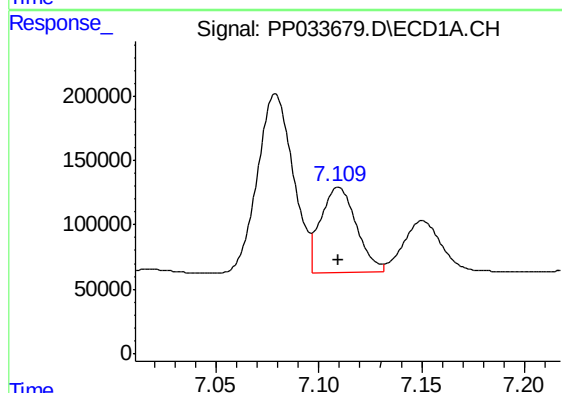
R.T.: 6.683 min  
Delta R.T.: 0.000 min  
Response: 586519  
Conc: 183.83 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP030421



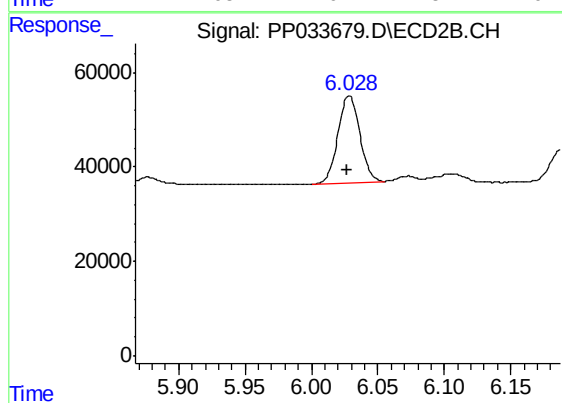
#23 AR-1248-3

R.T.: 5.842 min  
Delta R.T.: 0.000 min  
Response: 96059  
Conc: 98.83 ng/ml



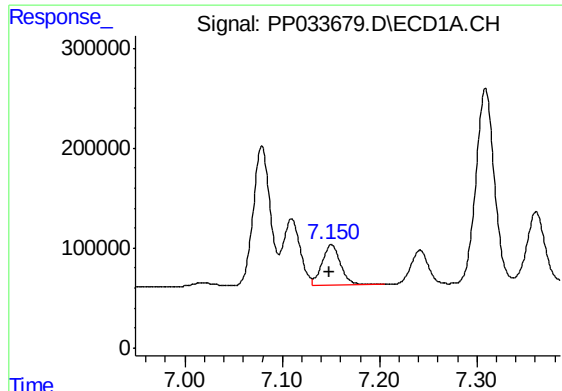
#24 AR-1248-4

R.T.: 7.110 min  
Delta R.T.: 0.000 min  
Response: 802157  
Conc: 246.57 ng/ml



#24 AR-1248-4

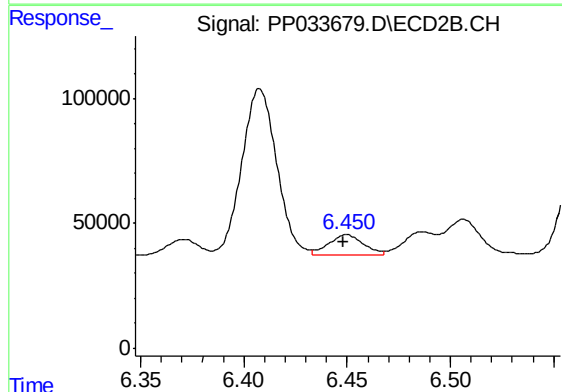
R.T.: 6.029 min  
Delta R.T.: 0.001 min  
Response: 209948  
Conc: 187.47 ng/ml



#25 AR-1248-5

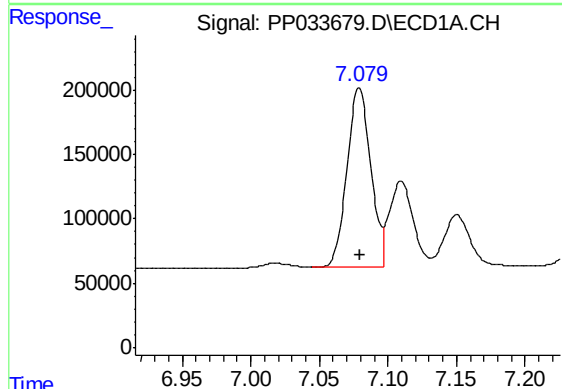
R.T.: 7.150 min  
Delta R.T.: 0.002 min  
Response: 522166  
Conc: 161.20 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP030421



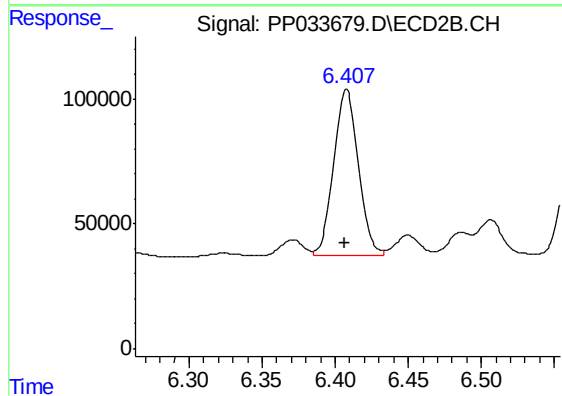
#25 AR-1248-5

R.T.: 6.450 min  
Delta R.T.: 0.002 min  
Response: 93056  
Conc: 95.35 ng/ml



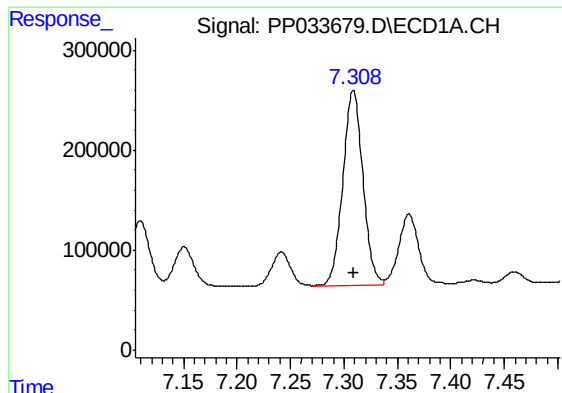
#26 AR-1254-1

R.T.: 7.079 min  
Delta R.T.: 0.000 min  
Response: 1675903  
Conc: 481.74 ng/ml



#26 AR-1254-1

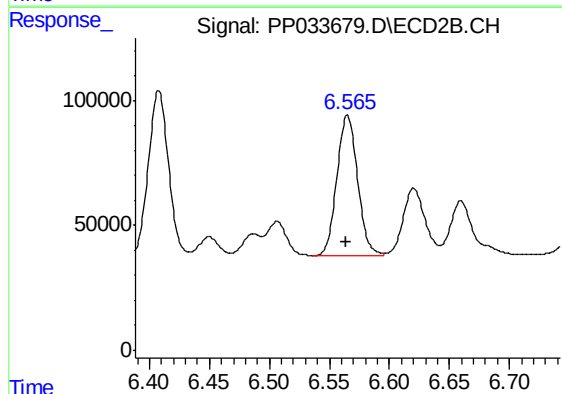
R.T.: 6.408 min  
Delta R.T.: 0.002 min  
Response: 785215  
Conc: 498.95 ng/ml



#27 AR-1254-2

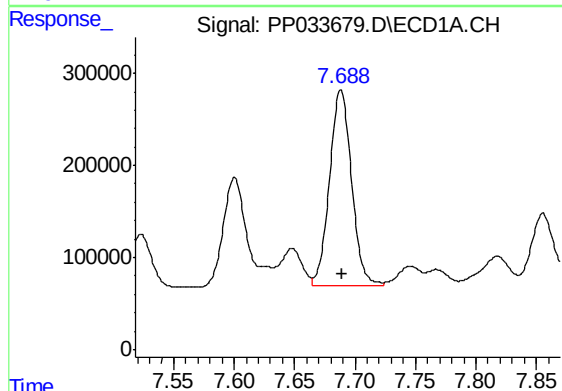
R.T.: 7.309 min  
Delta R.T.: 0.000 min  
Response: 2541926  
Conc: 482.94 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP030421



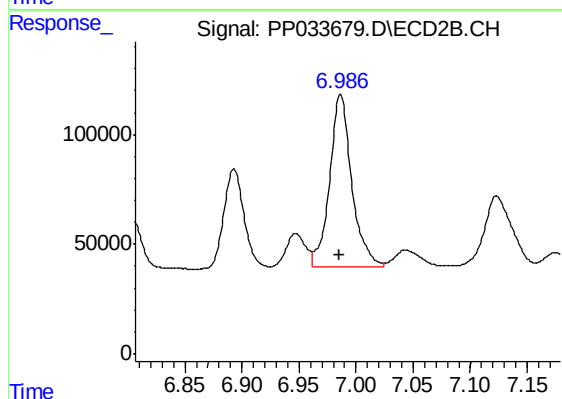
#27 AR-1254-2

R.T.: 6.565 min  
Delta R.T.: 0.001 min  
Response: 677206  
Conc: 494.31 ng/ml



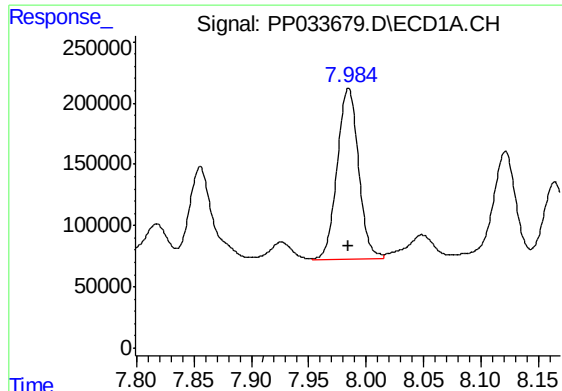
#28 AR-1254-3

R.T.: 7.688 min  
Delta R.T.: 0.000 min  
Response: 2711697  
Conc: 485.88 ng/ml



#28 AR-1254-3

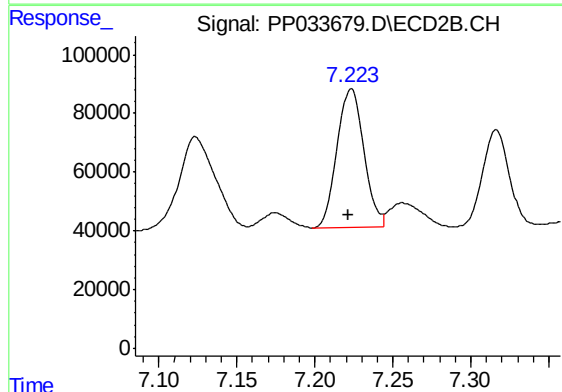
R.T.: 6.987 min  
Delta R.T.: 0.000 min  
Response: 1066361  
Conc: 497.34 ng/ml



#29 AR-1254-4

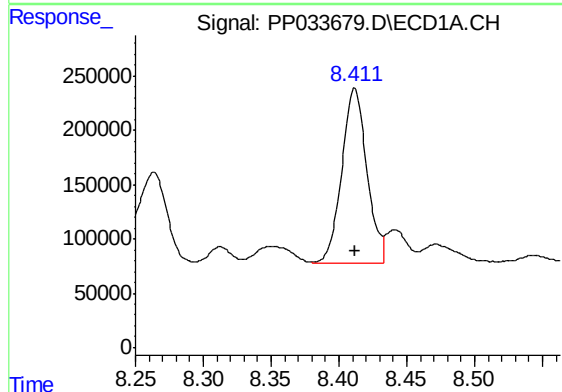
R.T.: 7.985 min  
Delta R.T.: 0.000 min  
Response: 1816588  
Conc: 473.48 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP030421



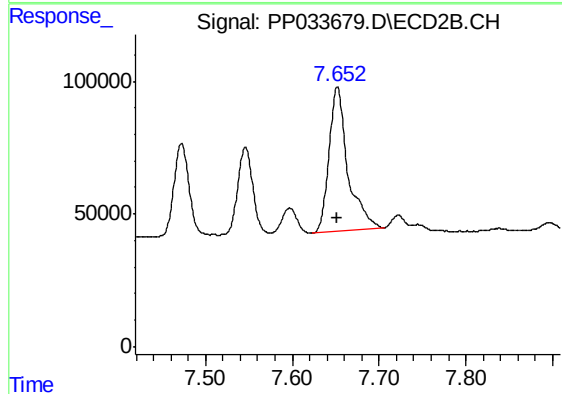
#29 AR-1254-4

R.T.: 7.223 min  
Delta R.T.: 0.001 min  
Response: 557516  
Conc: 504.56 ng/ml



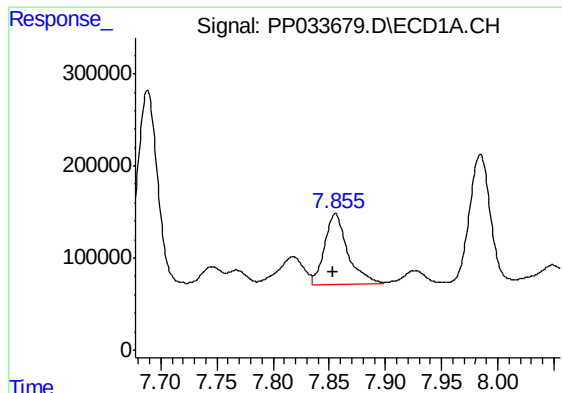
#30 AR-1254-5

R.T.: 8.412 min  
Delta R.T.: 0.000 min  
Response: 2076031  
Conc: 495.20 ng/ml



#30 AR-1254-5

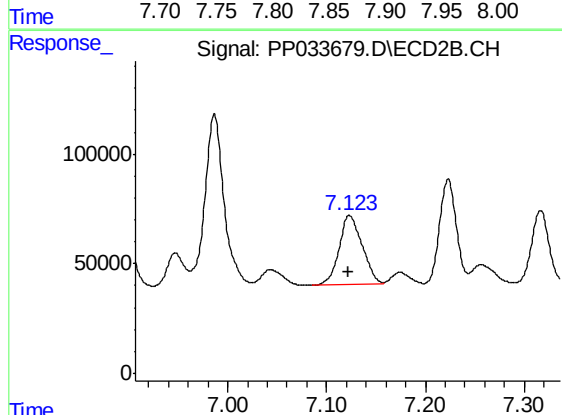
R.T.: 7.652 min  
Delta R.T.: 0.001 min  
Response: 822046  
Conc: 479.79 ng/ml



#31 AR-1260-1

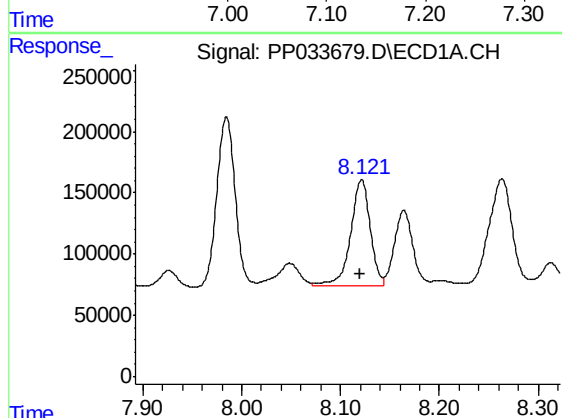
R.T.: 7.856 min  
Delta R.T.: 0.002 min  
Response: 1116654  
Conc: 269.99 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP030421



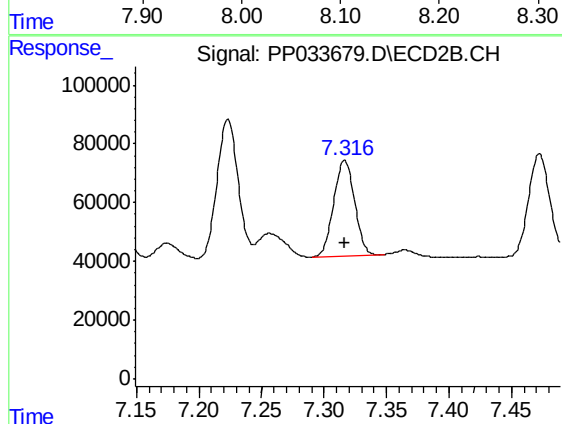
#31 AR-1260-1

R.T.: 7.123 min  
Delta R.T.: 0.000 min  
Response: 516720  
Conc: 381.51 ng/ml



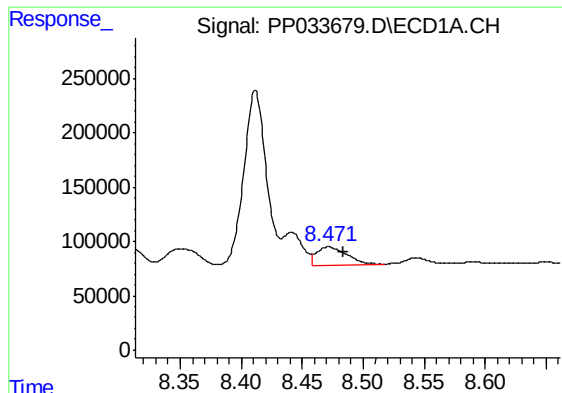
#32 AR-1260-2

R.T.: 8.121 min  
Delta R.T.: 0.001 min  
Response: 1197072  
Conc: 251.53 ng/ml



#32 AR-1260-2

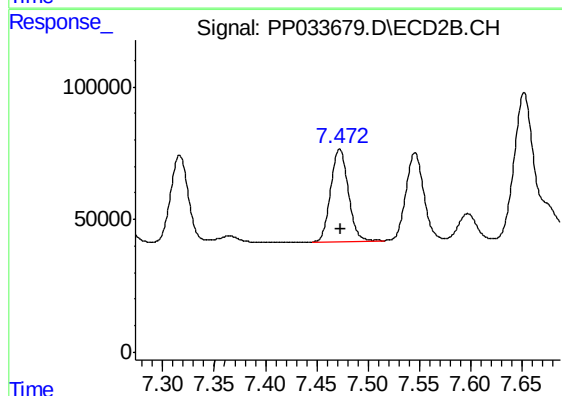
R.T.: 7.316 min  
Delta R.T.: 0.000 min  
Response: 378576  
Conc: 244.60 ng/ml



#33 AR-1260-3

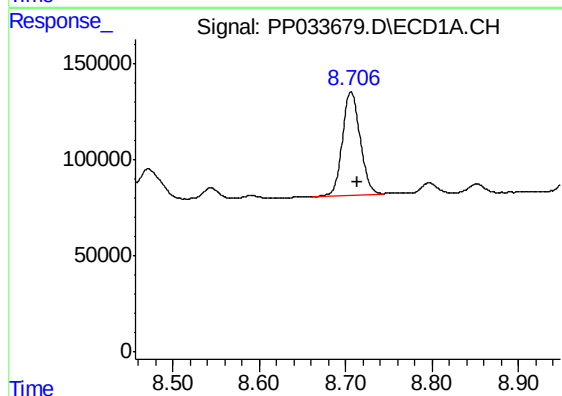
R.T.: 8.472 min  
Delta R.T.: -0.013 min  
Response: 284001  
Conc: 74.38 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP030421



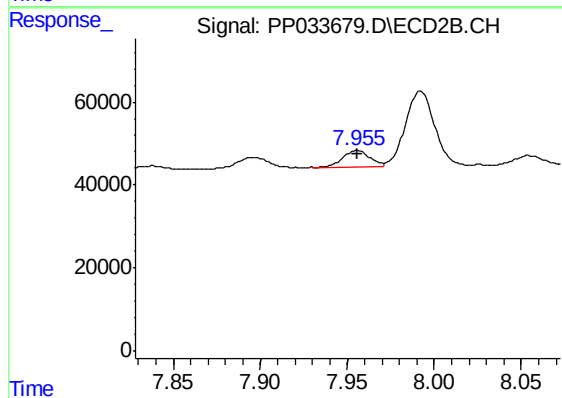
#33 AR-1260-3

R.T.: 7.472 min  
Delta R.T.: -0.002 min  
Response: 416987  
Conc: 281.61 ng/ml



#34 AR-1260-4

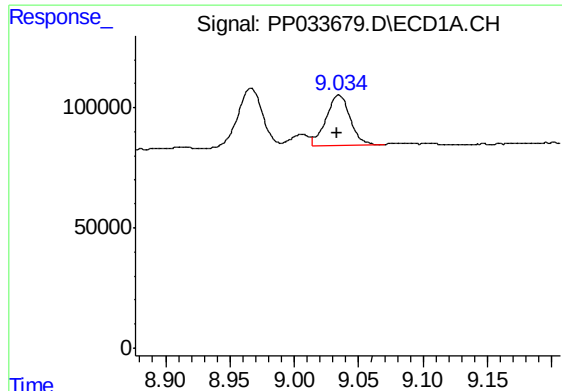
R.T.: 8.706 min  
Delta R.T.: -0.008 min  
Response: 768225  
Conc: 173.65 ng/ml



#34 AR-1260-4

R.T.: 7.956 min  
Delta R.T.: 0.000 min  
Response: 45569  
Conc: 37.20 ng/ml

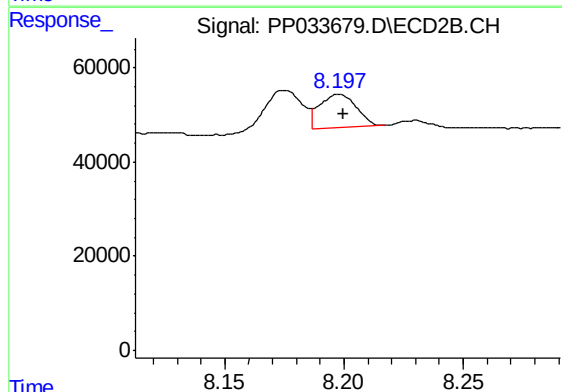




#35 AR-1260-5

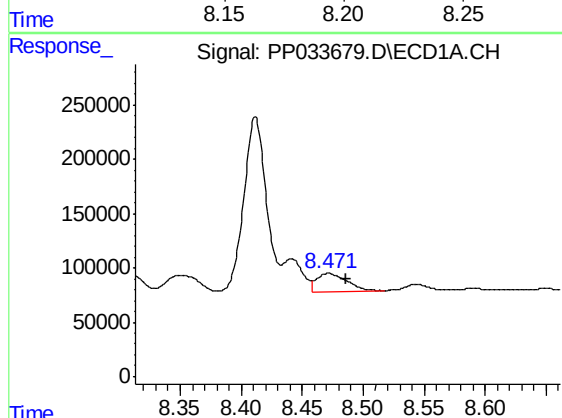
R.T.: 9.035 min  
Delta R.T.: 0.001 min  
Response: 271799  
Conc: 32.01 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP030421



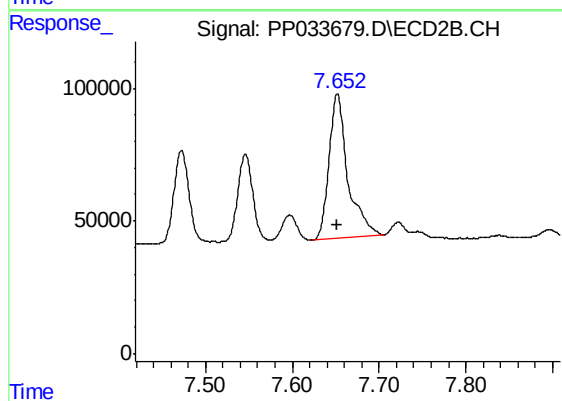
#35 AR-1260-5

R.T.: 8.198 min  
Delta R.T.: -0.002 min  
Response: 75568  
Conc: 28.77 ng/ml



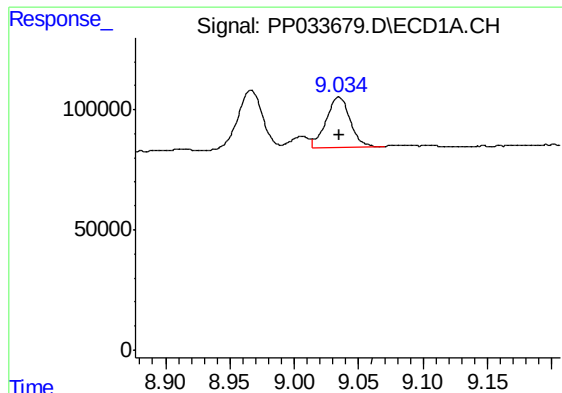
#36 AR-1262-1

R.T.: 8.472 min  
Delta R.T.: -0.014 min  
Response: 284001  
Conc: 52.52 ng/ml



#36 AR-1262-1

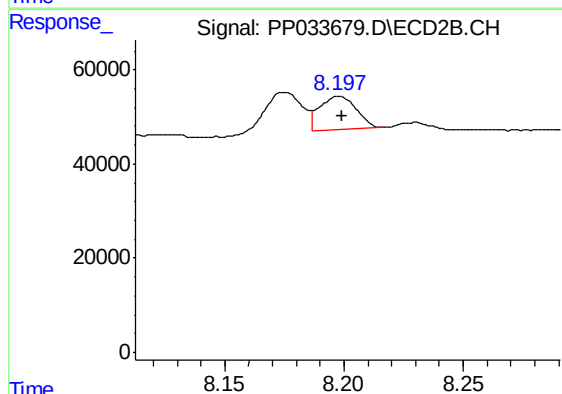
R.T.: 7.652 min  
Delta R.T.: 0.001 min  
Response: 822046  
Conc: 897.99 ng/ml



#37 AR-1262-2

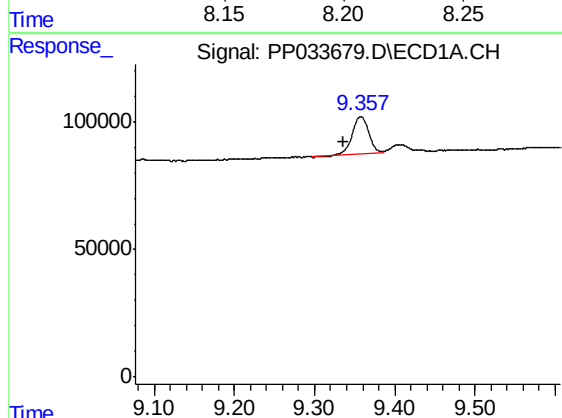
R.T.: 9.035 min  
Delta R.T.: 0.000 min  
Response: 271799  
Conc: 29.43 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP030421



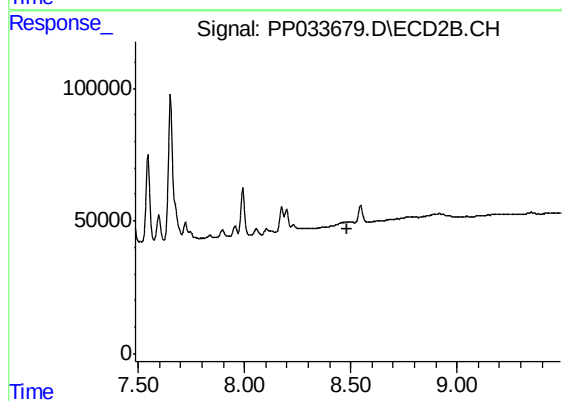
#37 AR-1262-2

R.T.: 8.198 min  
Delta R.T.: -0.002 min  
Response: 75568  
Conc: 25.59 ng/ml



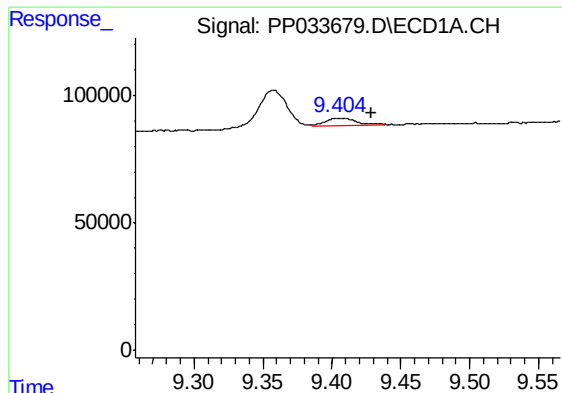
#38 AR-1262-3

R.T.: 9.358 min  
Delta R.T.: 0.021 min  
Response: 215736  
Conc: 32.85 ng/ml



#38 AR-1262-3

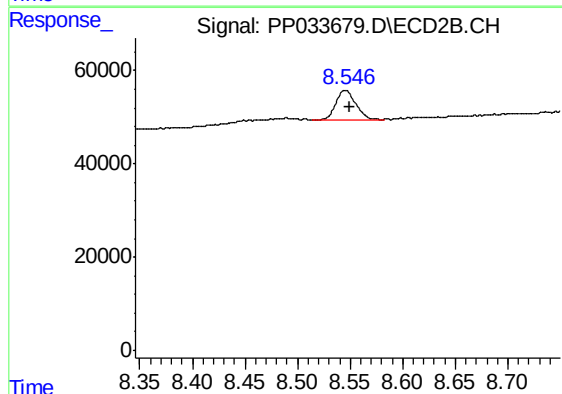
R.T.: 0.000 min  
Exp R.T. : 8.487 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

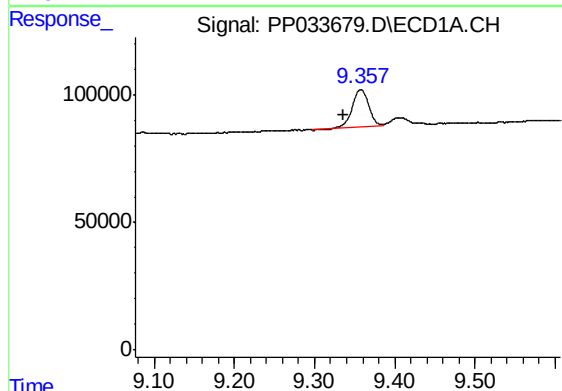
R.T.: 9.405 min  
Delta R.T.: -0.025 min  
Response: 45585  
Conc: 8.25 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP030421



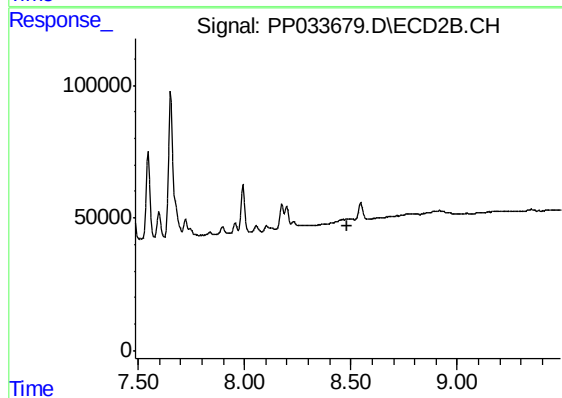
#39 AR-1262-4

R.T.: 8.546 min  
Delta R.T.: -0.004 min  
Response: 84154  
Conc: 39.74 ng/ml



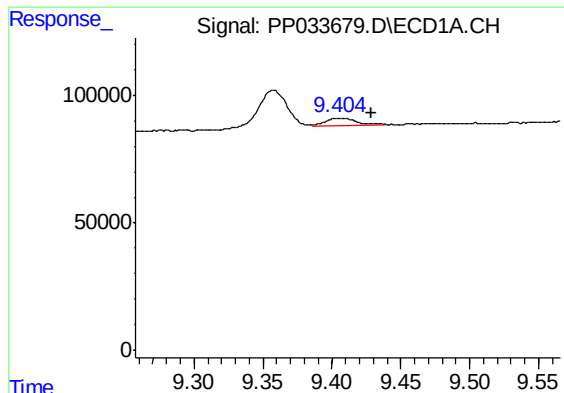
#41 AR-1268-1

R.T.: 9.358 min  
Delta R.T.: 0.022 min  
Response: 215736  
Conc: 18.52 ng/ml



#41 AR-1268-1

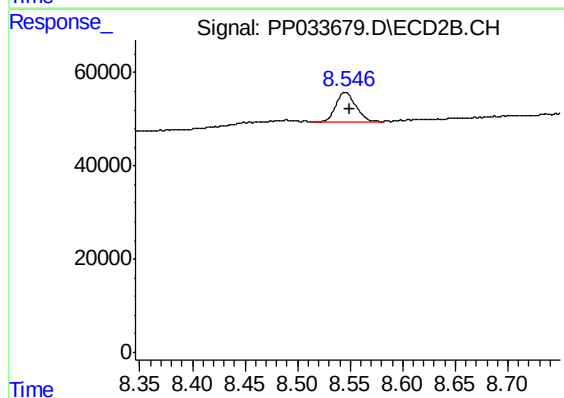
R.T.: 0.000 min  
Exp R.T. : 8.486 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 9.405 min  
Delta R.T.: -0.024 min  
Response: 45585  
Conc: 3.93 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP030421



#42 AR-1268-2

R.T.: 8.546 min  
Delta R.T.: -0.004 min  
Response: 84154  
Conc: 27.08 ng/ml