

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0051419\  
 Data File : P0056232.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 14 May 2019 16:31  
 Operator : SM/SJ  
 Sample : K2767-20RE  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 15 01:53:20 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0050319.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri May 03 15:20:04 2019  
 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... | 4.261 | 3.578 | 575905 | 551889 | 19.245  | 19.540    |
| 2)                          | SA Decachlor... | 9.850 | 8.522 | 438123 | 331696 | 11.709  | 12.265    |
| Target Compounds            |                 |       |       |        |        |         |           |
| 3)                          | L1 AR-1016-1    | 5.444 | 0.000 | 22932  | 0      | 16.136  | N.D. #    |
| 4)                          | L1 AR-1016-2    | 5.444 | 0.000 | 22932  | 0      | 11.588  | N.D. #    |
| 6)                          | L1 AR-1016-4    | 5.606 | 0.000 | 113982 | 0      | 109.050 | N.D. #    |
| 7)                          | L1 AR-1016-5    | 5.894 | 0.000 | 21174  | 0      | 18.796  | N.D. #    |
| 13)                         | L3 AR-1232-3    | 5.444 | 0.000 | 22932  | 0      | 23.703  | N.D. #    |
| 14)                         | L3 AR-1232-4    | 5.606 | 0.000 | 113982 | 0      | 224.137 | N.D. #    |
| 15)                         | L3 AR-1232-5    | 5.698 | 0.000 | 234899 | 0      | 541.026 | N.D. #    |
| 16)                         | L4 AR-1242-1    | 5.444 | 0.000 | 22932  | 0      | 18.940  | N.D. #    |
| 17)                         | L4 AR-1242-2    | 5.444 | 0.000 | 22932  | 0      | 13.582  | N.D. #    |
| 19)                         | L4 AR-1242-4    | 5.606 | 0.000 | 113982 | 0      | 126.672 | N.D. #    |
| 20)                         | L4 AR-1242-5    | 6.334 | 5.465 | 83456  | 196138 | 76.287  | 163.394 # |
| 21)                         | L5 AR-1248-1    | 5.444 | 0.000 | 22932  | 0      | 25.336  | N.D. #    |
| 22)                         | L5 AR-1248-2    | 5.698 | 0.000 | 234899 | 0      | 176.137 | N.D. #    |
| 23)                         | L5 AR-1248-3    | 5.894 | 0.000 | 21174  | 0      | 14.338  | N.D. #    |
| 24)                         | L5 AR-1248-4    | 6.296 | 0.000 | 52732  | 0      | 30.241  | N.D. #    |
| 25)                         | L5 AR-1248-5    | 6.334 | 5.465 | 83456  | 196138 | 49.964  | 130.958 # |
| 26)                         | L6 AR-1254-1    | 6.296 | 5.465 | 52732  | 196138 | 25.113  | 73.286 #  |
| 27)                         | L6 AR-1254-2    | 6.489 | 0.000 | 157621 | 0      | 47.493  | N.D. #    |
| 28)                         | L6 AR-1254-3    | 6.859 | 0.000 | 230025 | 0      | 63.272  | N.D. #    |
| 29)                         | L6 AR-1254-4    | 7.136 | 0.000 | 143061 | 0      | 52.583  | N.D. #    |
| 30)                         | L6 AR-1254-5    | 7.582 | 6.663 | 65896  | 334515 | 22.991  | 92.441 #  |
| 31)                         | L7 AR-1260-1    | 7.011 | 6.114 | 135092 | 179537 | 62.557  | 81.490 #  |
| 32)                         | L7 AR-1260-2    | 7.270 | 6.302 | 573791 | 547274 | 219.097 | 179.224   |
| 33)                         | L7 AR-1260-3    | 7.626 | 0.000 | 346720 | 0      | 173.361 | N.D. #    |
| 34)                         | L7 AR-1260-4    | 7.851 | 0.000 | 244599 | 0      | 105.768 | N.D. #    |
| 35)                         | L7 AR-1260-5    | 8.160 | 7.164 | 656322 | 758990 | 154.708 | 151.125   |
| 36)                         | L8 AR-1262-1    | 7.626 | 6.663 | 346720 | 334515 | 108.153 | 81.573    |
| 37)                         | L8 AR-1262-2    | 8.160 | 7.164 | 656322 | 758990 | 122.249 | 121.383   |
| 38)                         | L8 AR-1262-3    | 8.471 | 7.508 | 365475 | 347026 | 100.713 | 140.898 # |
| 39)                         | L8 AR-1262-4    | 8.538 | 7.508 | 65012  | 347026 | 23.945  | 84.745 #  |
| 40)                         | L8 AR-1262-5    | 9.157 | 0.000 | 100935 | 0      | 55.873  | N.D. #    |
| 41)                         | L9 AR-1268-1    | 8.471 | 7.508 | 365475 | 347026 | 60.521  | 50.085    |
| 42)                         | L9 AR-1268-2    | 8.538 | 7.508 | 65012  | 347026 | 11.877  | 60.998 #  |
| 44)                         | L9 AR-1268-4    | 9.157 | 0.000 | 100935 | 0      | 51.440  | N.D. #    |
| -----                       |                 |       |       |        |        |         |           |

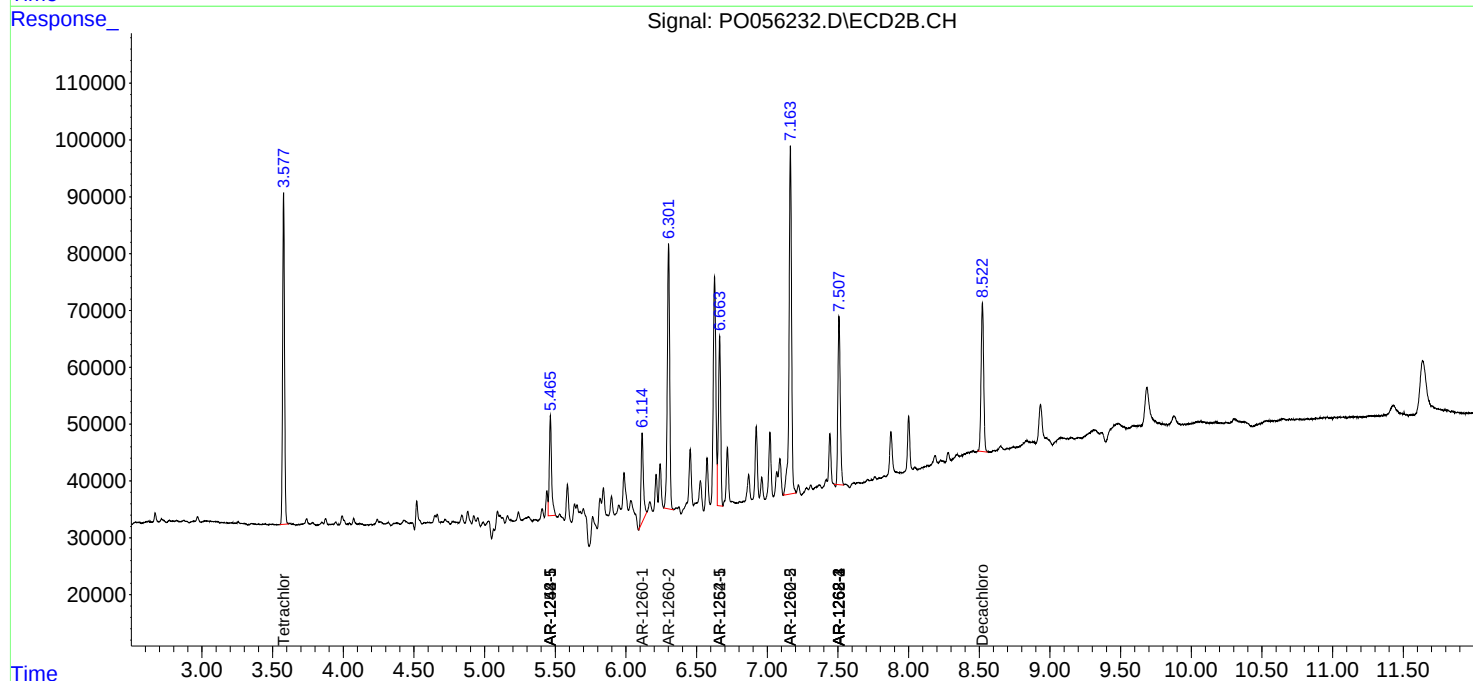
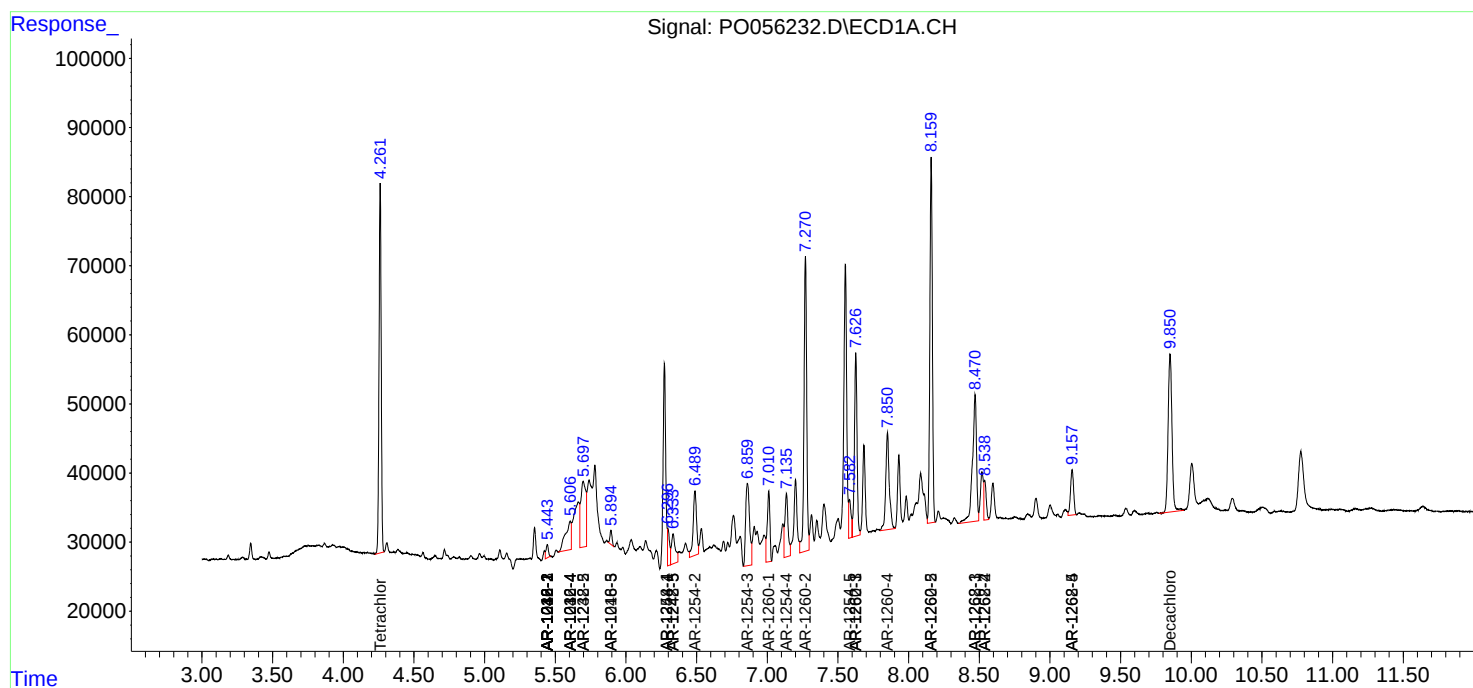
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

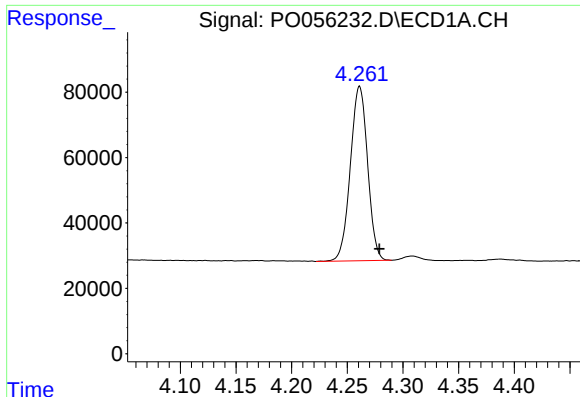
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0051419\  
Data File : P0056232.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 14 May 2019 16:31  
Operator : SM/SJ  
Sample : K2767-20RE  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 15 01:53:20 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0050319.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri May 03 15:20:04 2019  
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

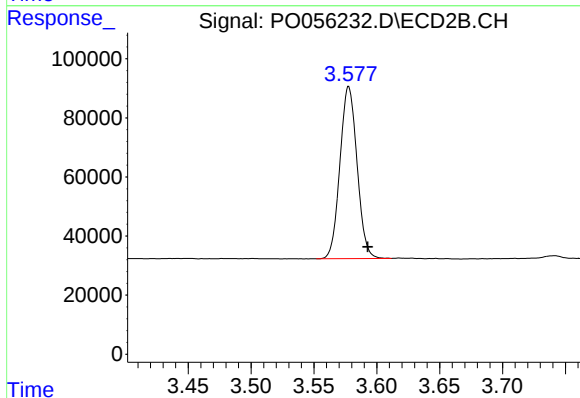




#1 Tetrachloro-m-xylene

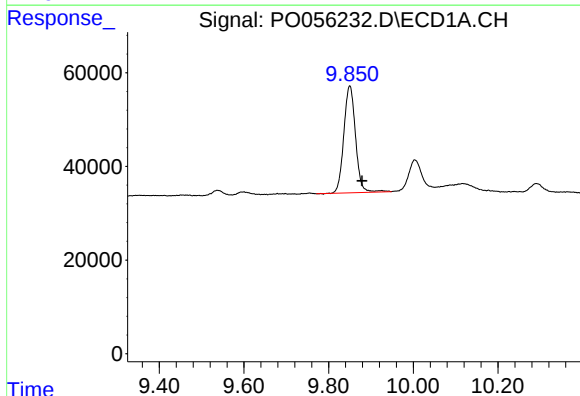
R.T.: 4.261 min  
Delta R.T.: -0.018 min  
Response: 575905  
Conc: 19.24 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



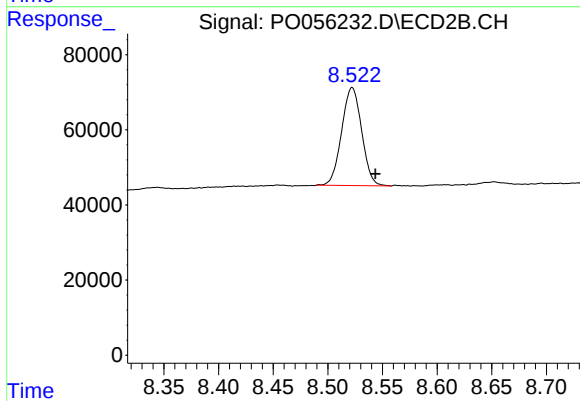
#1 Tetrachloro-m-xylene

R.T.: 3.578 min  
Delta R.T.: -0.015 min  
Response: 551889  
Conc: 19.54 ng/ml



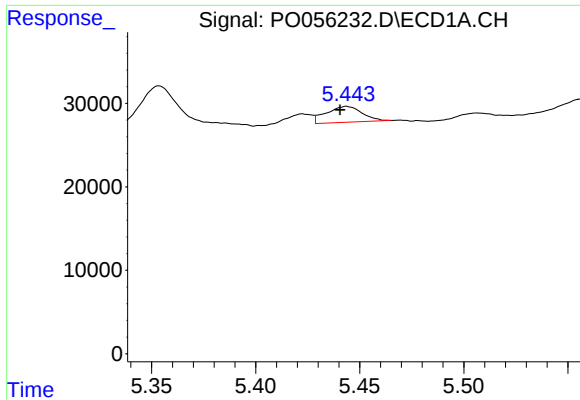
#2 Decachlorobiphenyl

R.T.: 9.850 min  
Delta R.T.: -0.029 min  
Response: 438123  
Conc: 11.71 ng/ml



#2 Decachlorobiphenyl

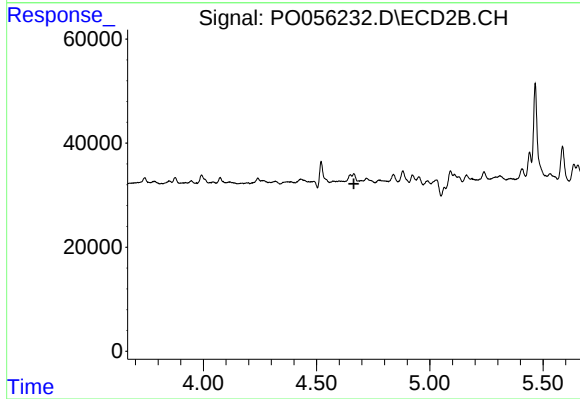
R.T.: 8.522 min  
Delta R.T.: -0.021 min  
Response: 331696  
Conc: 12.27 ng/ml



#3 AR-1016-1

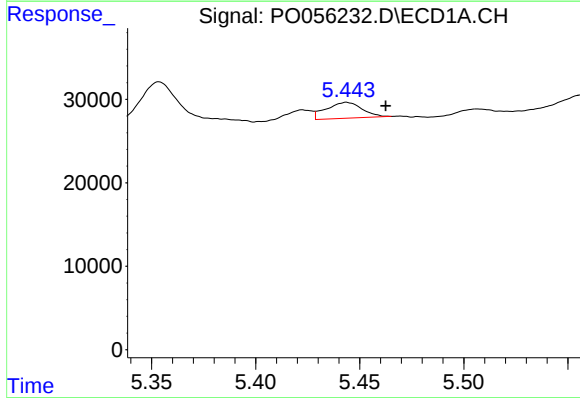
R.T.: 5.444 min  
Delta R.T.: 0.003 min  
Response: 22932  
Conc: 16.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



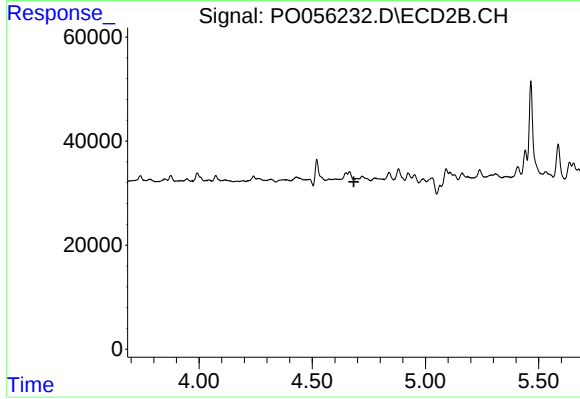
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 4.665 min  
Response: 0  
Conc: N.D.



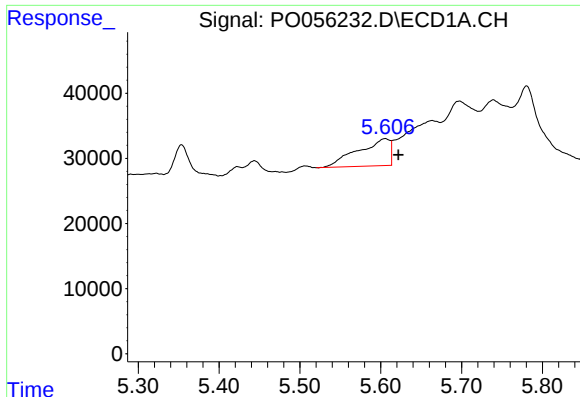
#4 AR-1016-2

R.T.: 5.444 min  
Delta R.T.: -0.019 min  
Response: 22932  
Conc: 11.59 ng/ml



#4 AR-1016-2

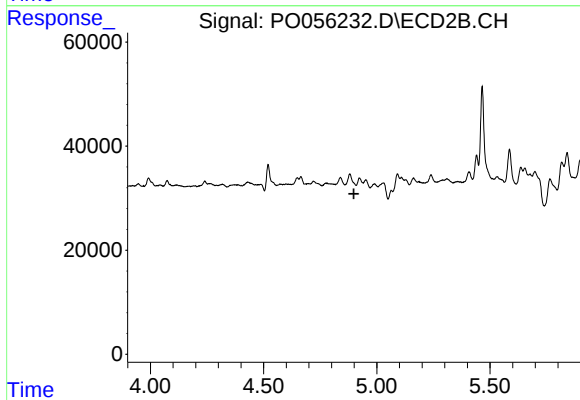
R.T.: 0.000 min  
Exp R.T. : 4.684 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

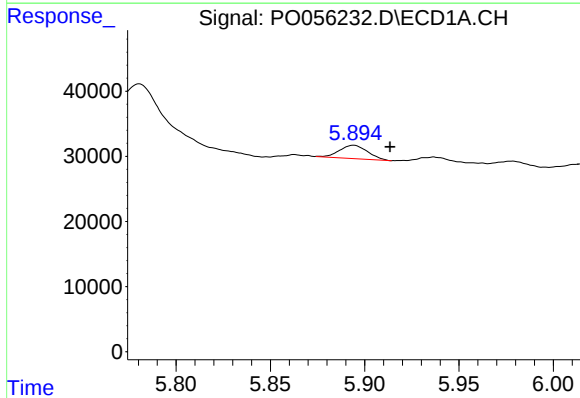
R.T.: 5.606 min  
Delta R.T.: -0.016 min  
Response: 113982  
Conc: 109.05 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



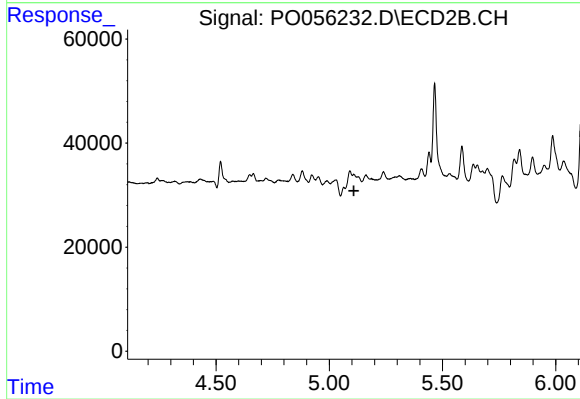
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 4.899 min  
Response: 0  
Conc: N.D.



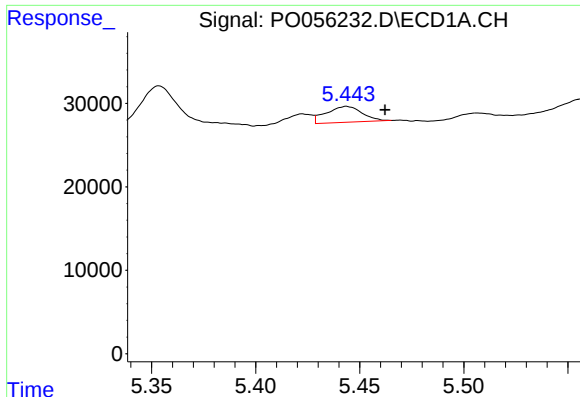
#7 AR-1016-5

R.T.: 5.894 min  
Delta R.T.: -0.019 min  
Response: 21174  
Conc: 18.80 ng/ml



#7 AR-1016-5

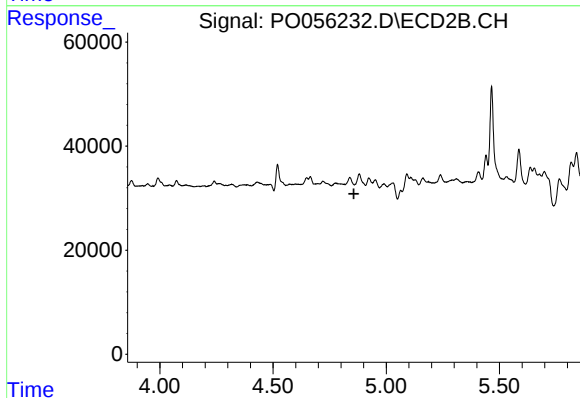
R.T.: 0.000 min  
Exp R.T. : 5.109 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

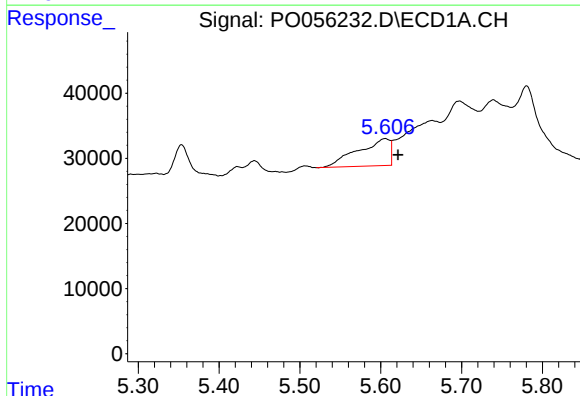
R.T.: 5.444 min  
Delta R.T.: -0.019 min  
Response: 22932  
Conc: 23.70 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



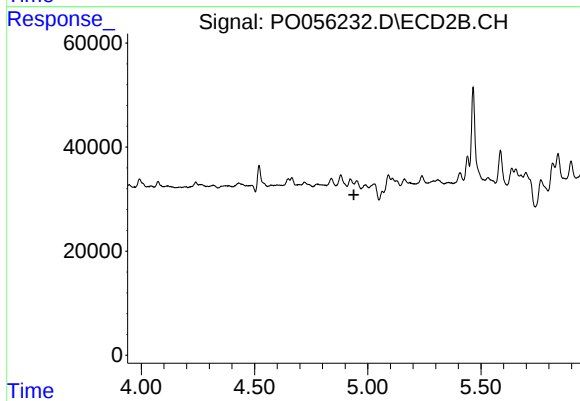
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 4.857 min  
Response: 0  
Conc: N.D.



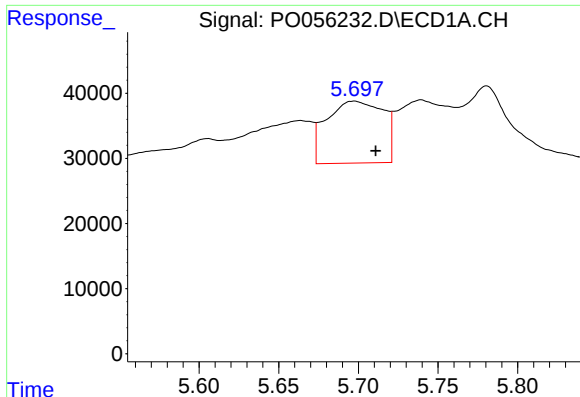
#14 AR-1232-4

R.T.: 5.606 min  
Delta R.T.: -0.016 min  
Response: 113982  
Conc: 224.14 ng/ml



#14 AR-1232-4

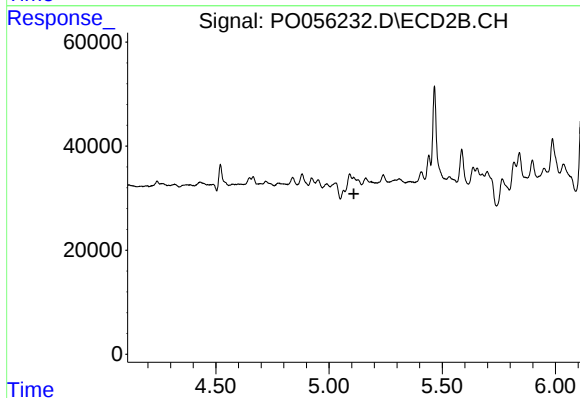
R.T.: 0.000 min  
Exp R.T. : 4.939 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

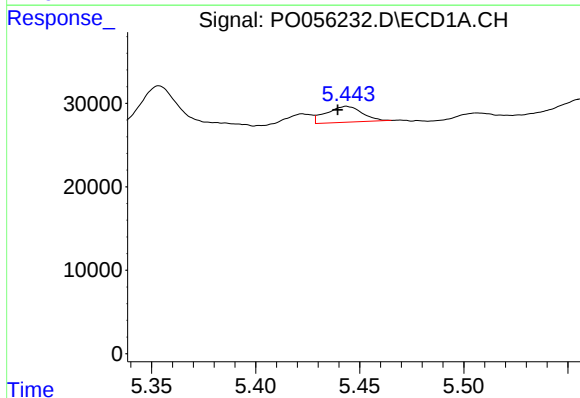
R.T.: 5.698 min  
Delta R.T.: -0.013 min  
Response: 234899  
Conc: 541.03 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



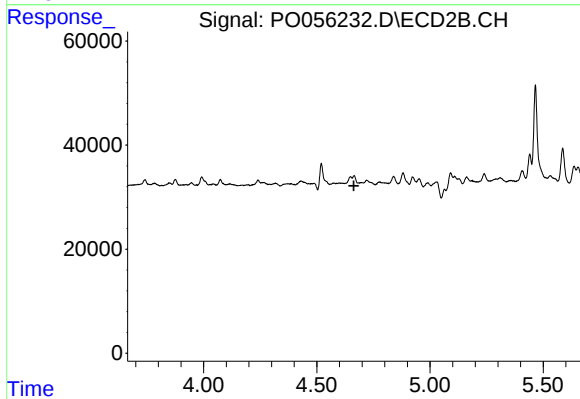
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 5.110 min  
Response: 0  
Conc: N.D.



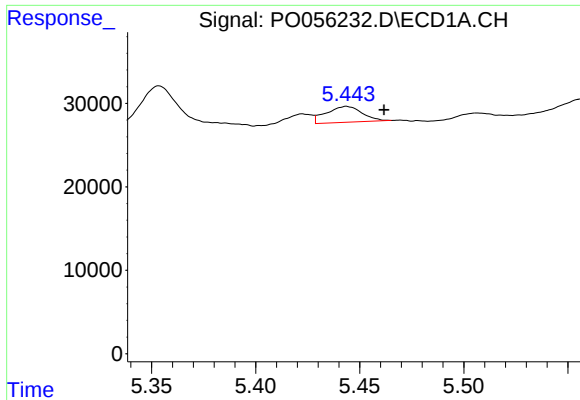
#16 AR-1242-1

R.T.: 5.444 min  
Delta R.T.: 0.004 min  
Response: 22932  
Conc: 18.94 ng/ml



#16 AR-1242-1

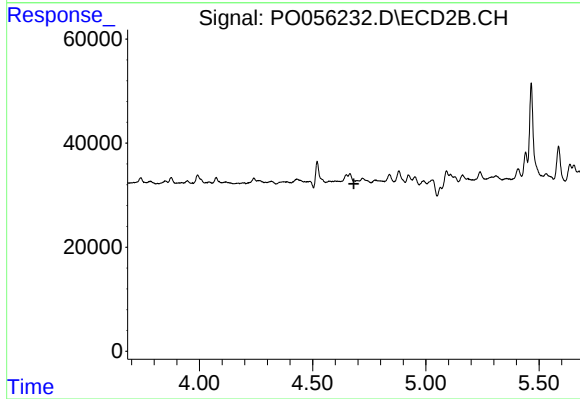
R.T.: 0.000 min  
Exp R.T. : 4.664 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

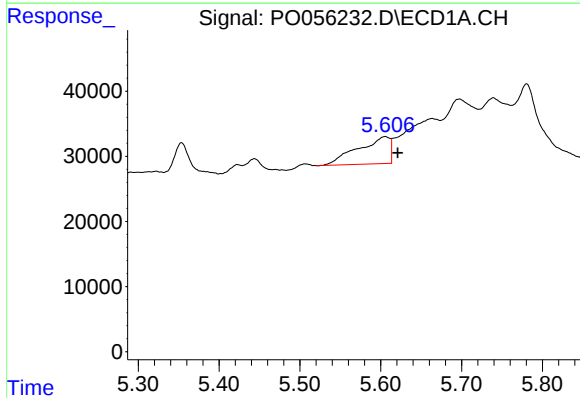
R.T.: 5.444 min  
Delta R.T.: -0.018 min  
Response: 22932  
Conc: 13.58 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



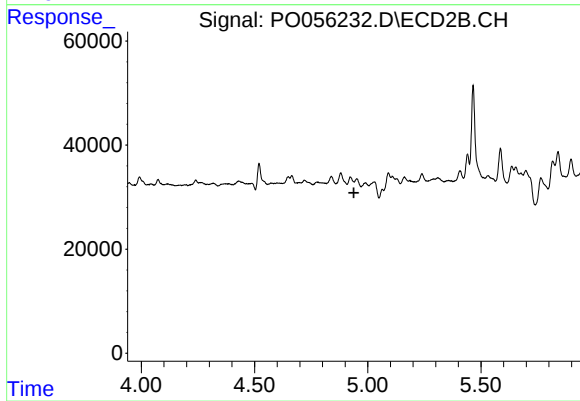
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 4.682 min  
Response: 0  
Conc: N.D.



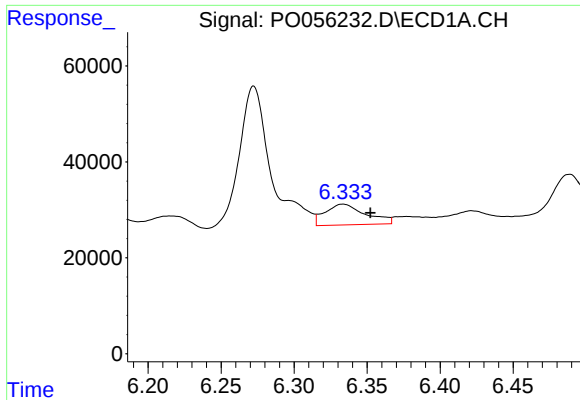
#19 AR-1242-4

R.T.: 5.606 min  
Delta R.T.: -0.015 min  
Response: 113982  
Conc: 126.67 ng/ml



#19 AR-1242-4

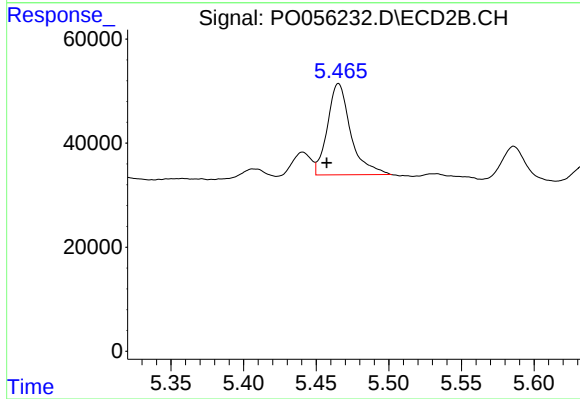
R.T.: 0.000 min  
Exp R.T. : 4.939 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

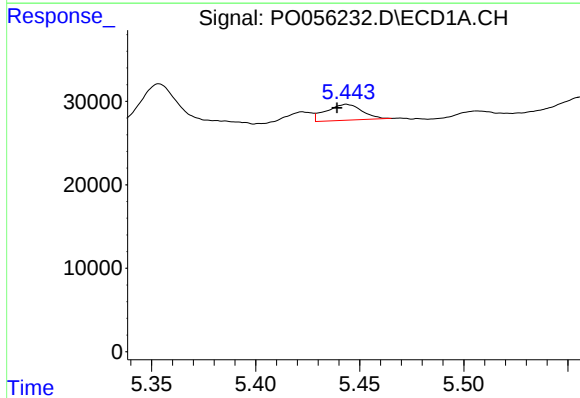
R.T.: 6.334 min  
Delta R.T.: -0.019 min  
Response: 83456  
Conc: 76.29 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



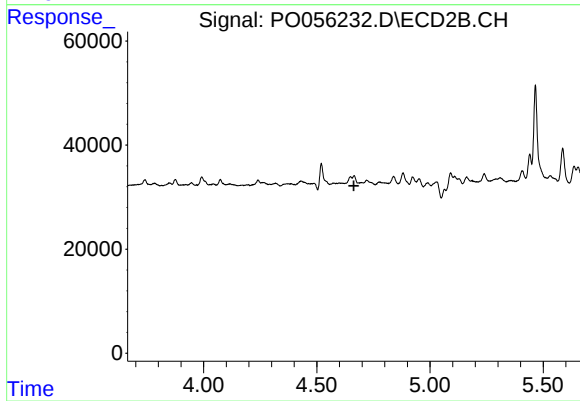
#20 AR-1242-5

R.T.: 5.465 min  
Delta R.T.: 0.008 min  
Response: 196138  
Conc: 163.39 ng/ml



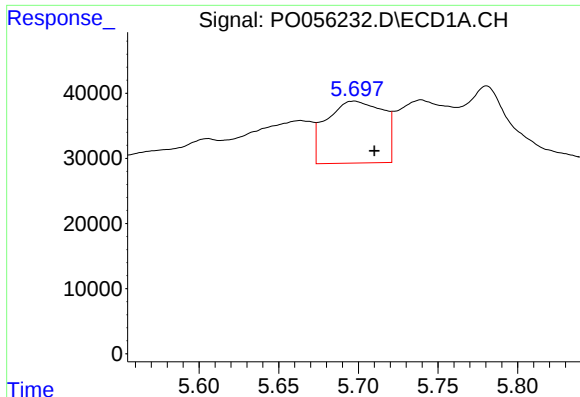
#21 AR-1248-1

R.T.: 5.444 min  
Delta R.T.: 0.005 min  
Response: 22932  
Conc: 25.34 ng/ml



#21 AR-1248-1

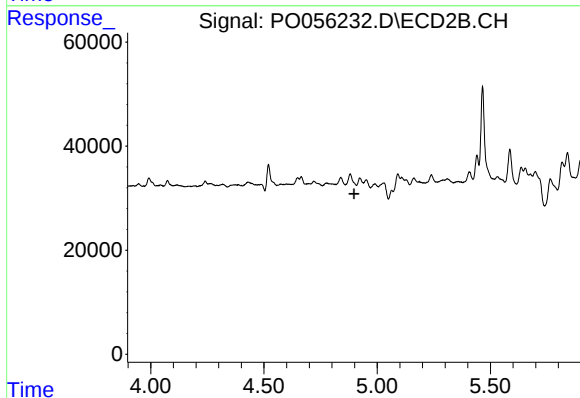
R.T.: 0.000 min  
Exp R.T. : 4.664 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

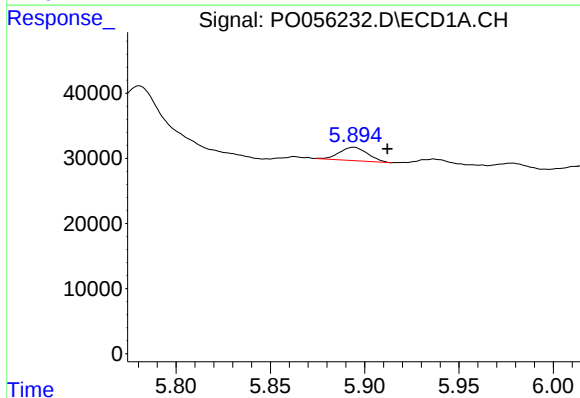
R.T.: 5.698 min  
Delta R.T.: -0.012 min  
Response: 234899  
Conc: 176.14 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



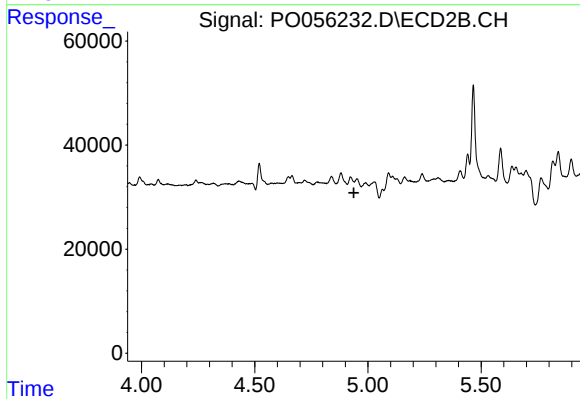
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 4.898 min  
Response: 0  
Conc: N.D.



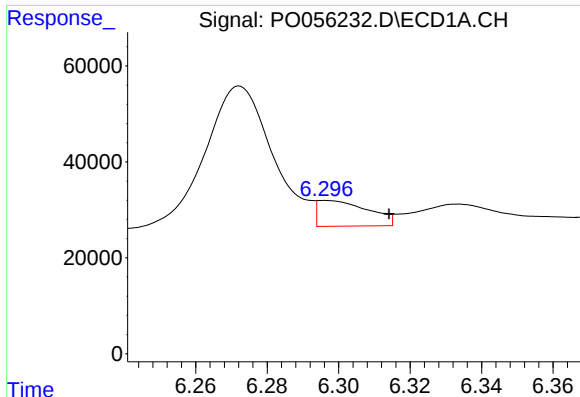
#23 AR-1248-3

R.T.: 5.894 min  
Delta R.T.: -0.018 min  
Response: 21174  
Conc: 14.34 ng/ml



#23 AR-1248-3

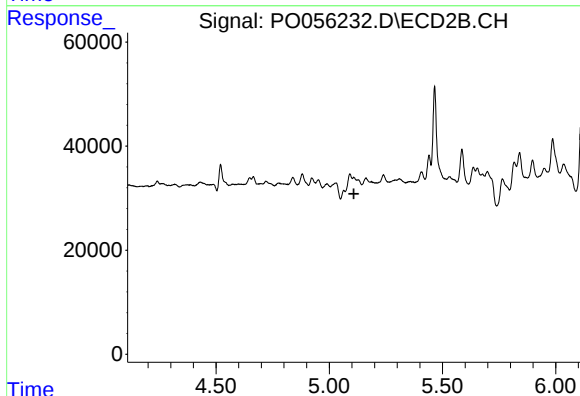
R.T.: 0.000 min  
Exp R.T. : 4.938 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

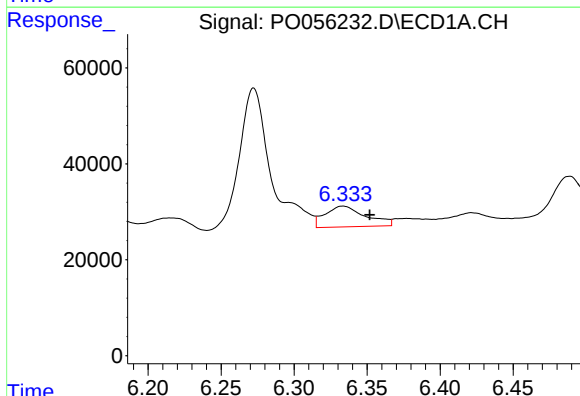
R.T.: 6.296 min  
Delta R.T.: -0.018 min  
Response: 52732  
Conc: 30.24 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



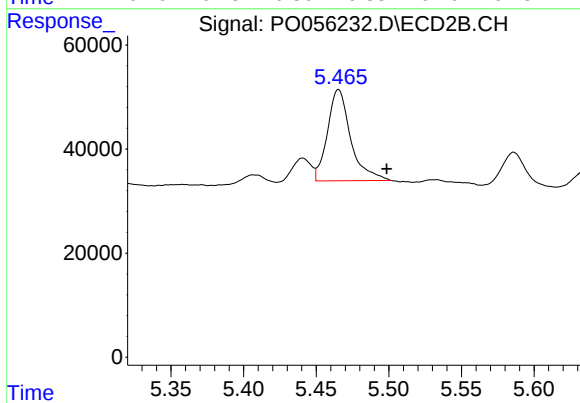
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 5.109 min  
Response: 0  
Conc: N.D.



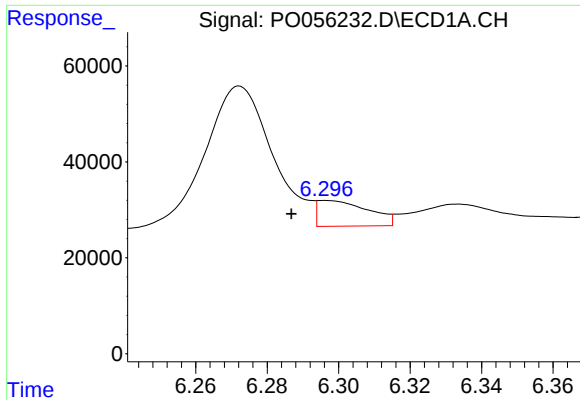
#25 AR-1248-5

R.T.: 6.334 min  
Delta R.T.: -0.018 min  
Response: 83456  
Conc: 49.96 ng/ml



#25 AR-1248-5

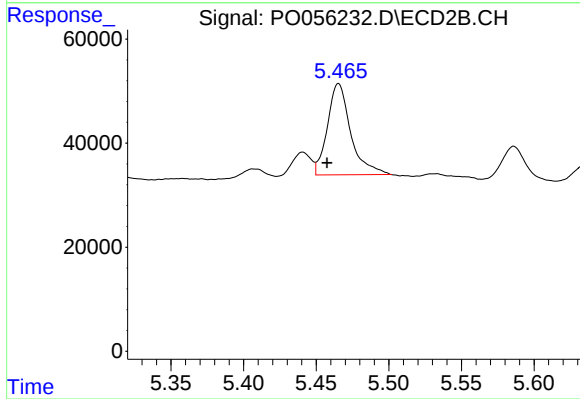
R.T.: 5.465 min  
Delta R.T.: -0.033 min  
Response: 196138  
Conc: 130.96 ng/ml



#26 AR-1254-1

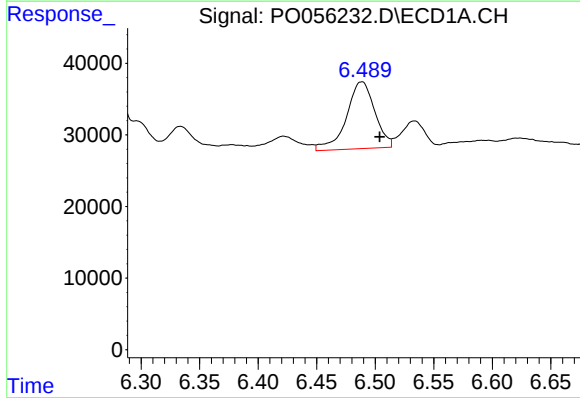
R.T.: 6.296 min  
Delta R.T.: 0.009 min  
Response: 52732  
Conc: 25.11 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



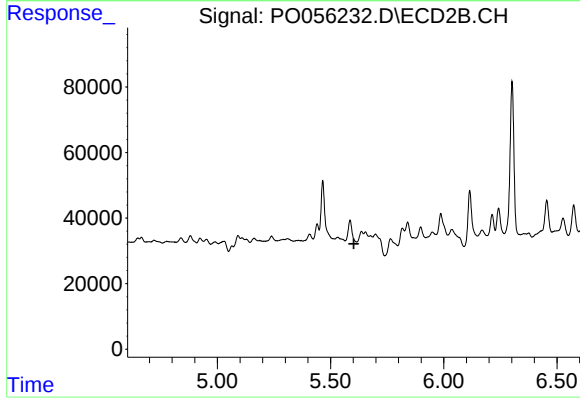
#26 AR-1254-1

R.T.: 5.465 min  
Delta R.T.: 0.008 min  
Response: 196138  
Conc: 73.29 ng/ml



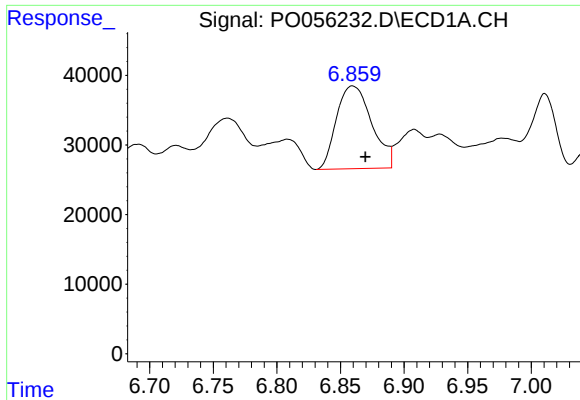
#27 AR-1254-2

R.T.: 6.489 min  
Delta R.T.: -0.015 min  
Response: 157621  
Conc: 47.49 ng/ml



#27 AR-1254-2

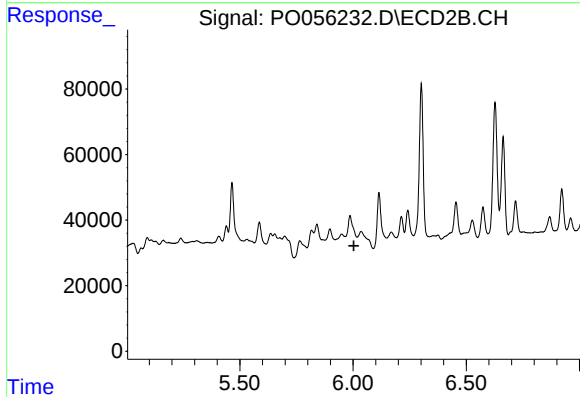
R.T.: 0.000 min  
Exp R.T.: 5.603 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

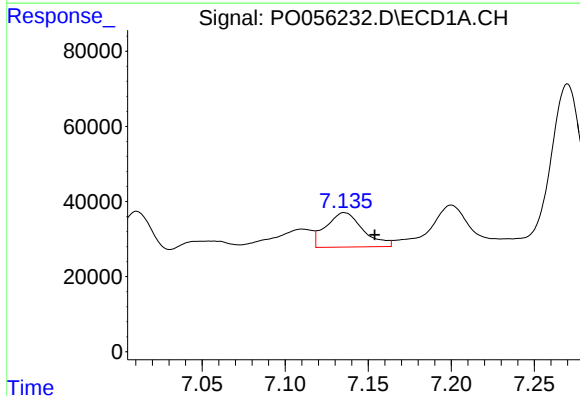
R.T.: 6.859 min  
Delta R.T.: -0.010 min  
Response: 230025  
Conc: 63.27 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



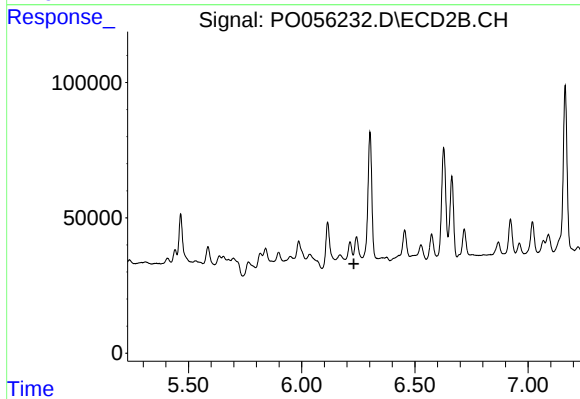
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 6.004 min  
Response: 0  
Conc: N.D.



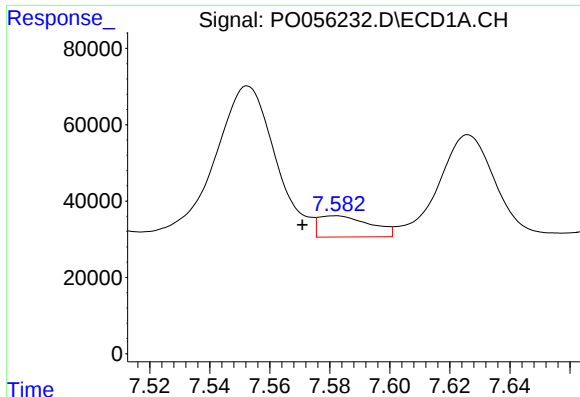
#29 AR-1254-4

R.T.: 7.136 min  
Delta R.T.: -0.018 min  
Response: 143061  
Conc: 52.58 ng/ml



#29 AR-1254-4

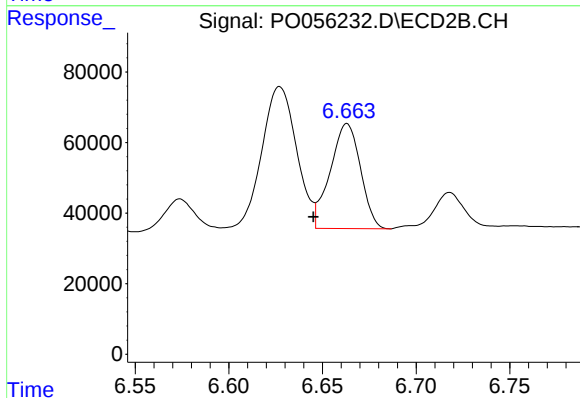
R.T.: 0.000 min  
Exp R.T. : 6.231 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

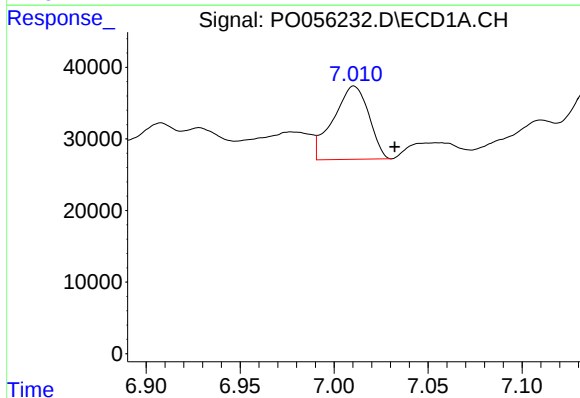
R.T.: 7.582 min  
Delta R.T.: 0.011 min  
Response: 65896  
Conc: 22.99 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



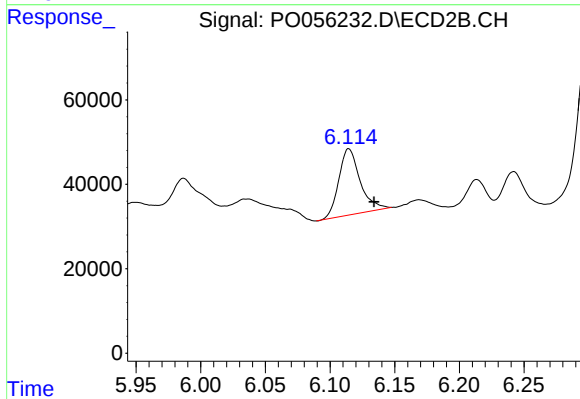
#30 AR-1254-5

R.T.: 6.663 min  
Delta R.T.: 0.018 min  
Response: 334515  
Conc: 92.44 ng/ml



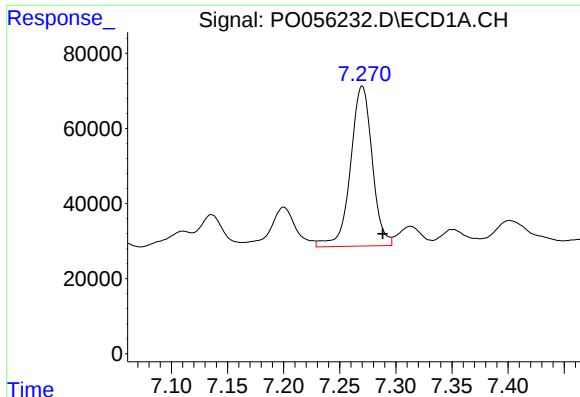
#31 AR-1260-1

R.T.: 7.011 min  
Delta R.T.: -0.022 min  
Response: 135092  
Conc: 62.56 ng/ml



#31 AR-1260-1

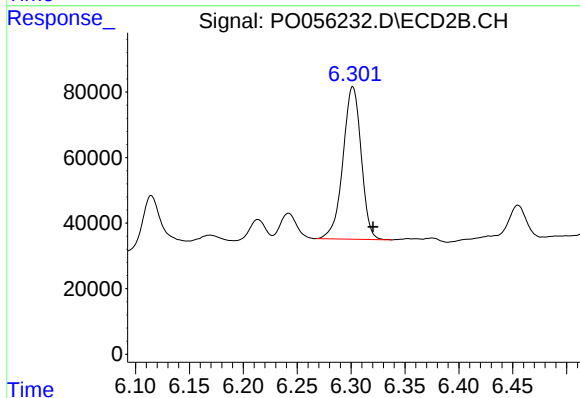
R.T.: 6.114 min  
Delta R.T.: -0.020 min  
Response: 179537  
Conc: 81.49 ng/ml



#32 AR-1260-2

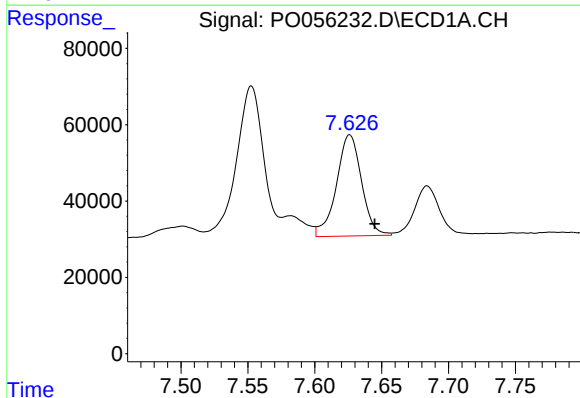
R.T.: 7.270 min  
Delta R.T.: -0.018 min  
Response: 573791  
Conc: 219.10 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



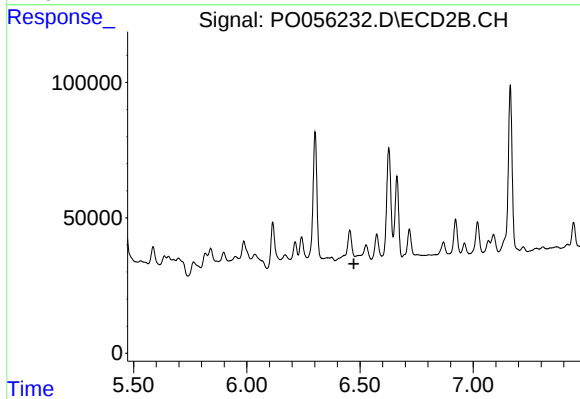
#32 AR-1260-2

R.T.: 6.302 min  
Delta R.T.: -0.019 min  
Response: 547274  
Conc: 179.22 ng/ml



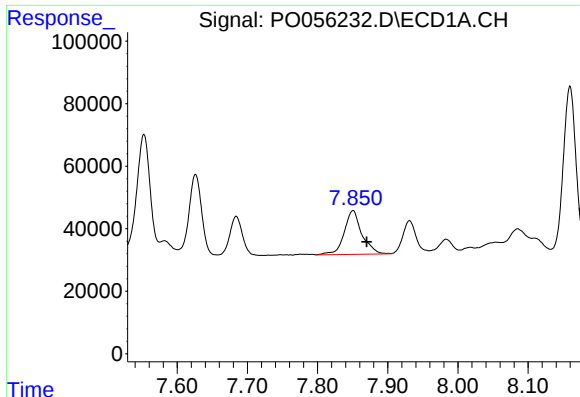
#33 AR-1260-3

R.T.: 7.626 min  
Delta R.T.: -0.019 min  
Response: 346720  
Conc: 173.36 ng/ml



#33 AR-1260-3

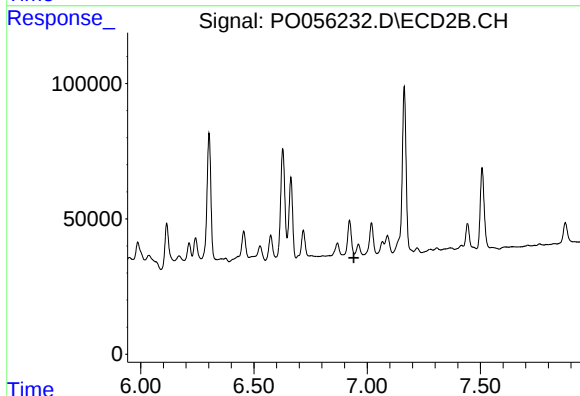
R.T.: 0.000 min  
Exp R.T.: 6.473 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

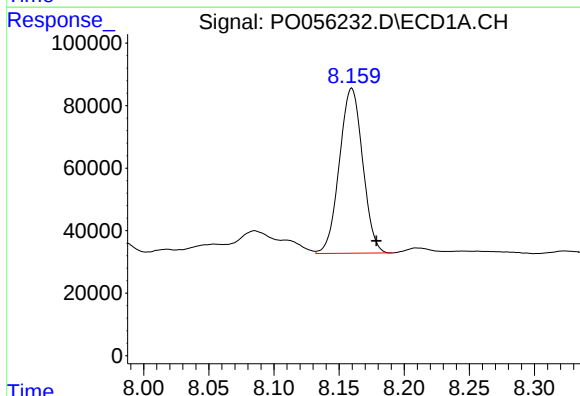
R.T.: 7.851 min  
Delta R.T.: -0.020 min  
Response: 244599  
Conc: 105.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



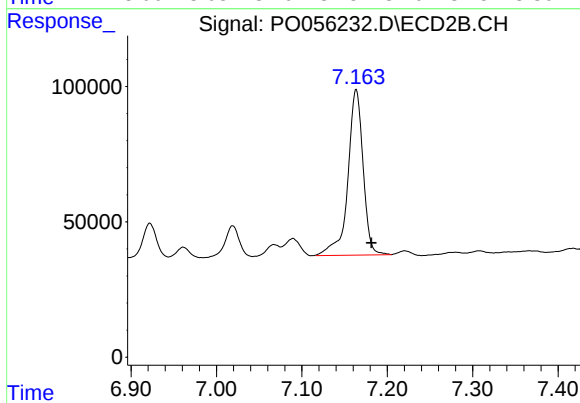
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 6.942 min  
Response: 0  
Conc: N.D.



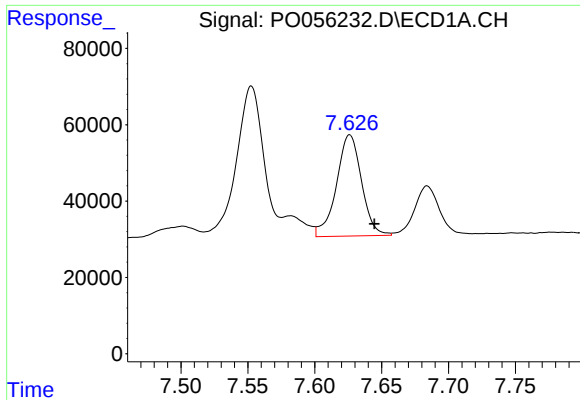
#35 AR-1260-5

R.T.: 8.160 min  
Delta R.T.: -0.019 min  
Response: 656322  
Conc: 154.71 ng/ml



#35 AR-1260-5

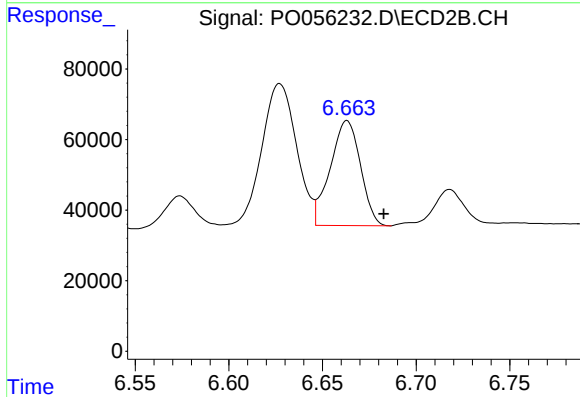
R.T.: 7.164 min  
Delta R.T.: -0.018 min  
Response: 758990  
Conc: 151.12 ng/ml



#36 AR-1262-1

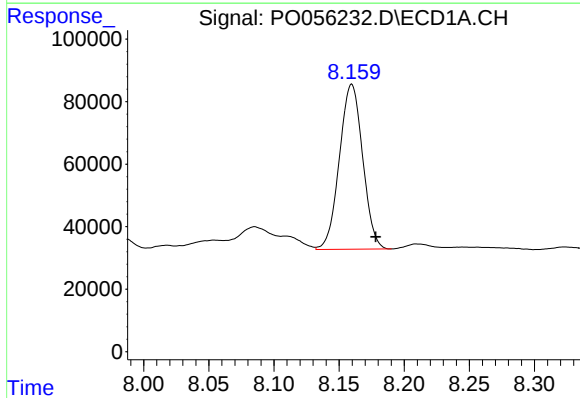
R.T.: 7.626 min  
Delta R.T.: -0.019 min  
Response: 346720  
Conc: 108.15 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



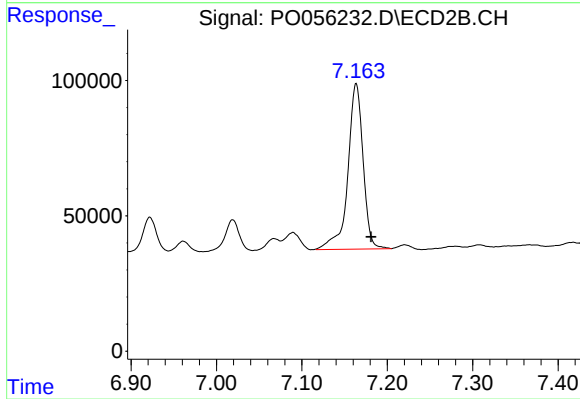
#36 AR-1262-1

R.T.: 6.663 min  
Delta R.T.: -0.020 min  
Response: 334515  
Conc: 81.57 ng/ml



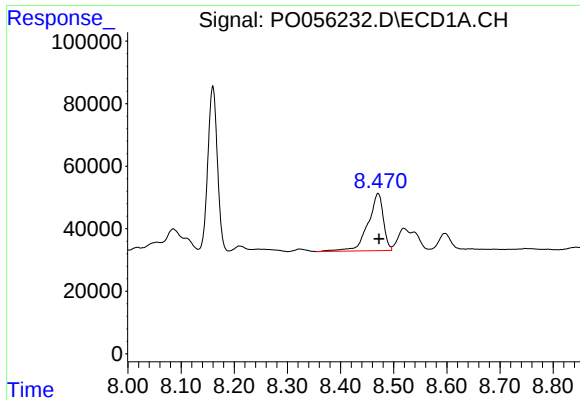
#37 AR-1262-2

R.T.: 8.160 min  
Delta R.T.: -0.018 min  
Response: 656322  
Conc: 122.25 ng/ml



#37 AR-1262-2

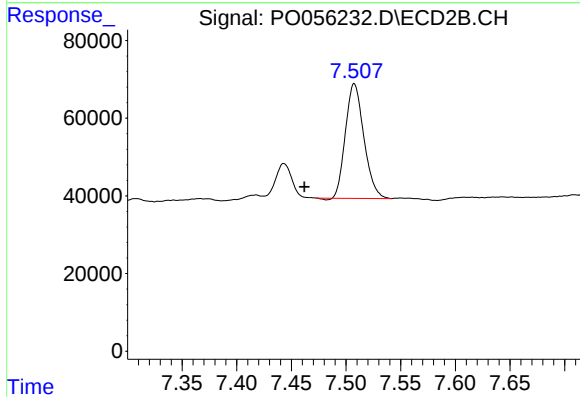
R.T.: 7.164 min  
Delta R.T.: -0.017 min  
Response: 758990  
Conc: 121.38 ng/ml



#38 AR-1262-3

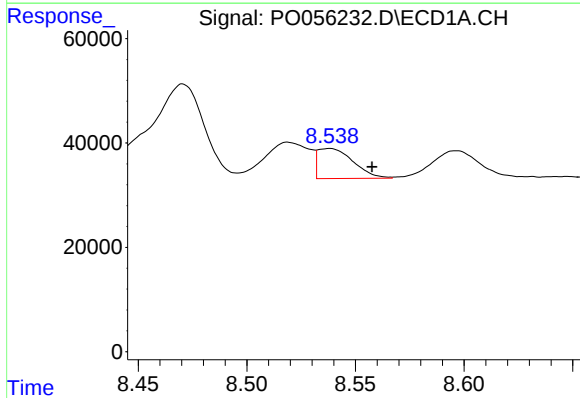
R.T.: 8.471 min  
Delta R.T.: -0.002 min  
Response: 365475  
Conc: 100.71 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



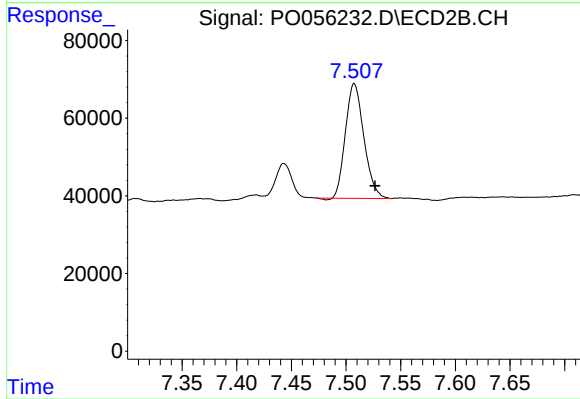
#38 AR-1262-3

R.T.: 7.508 min  
Delta R.T.: 0.046 min  
Response: 347026  
Conc: 140.90 ng/ml



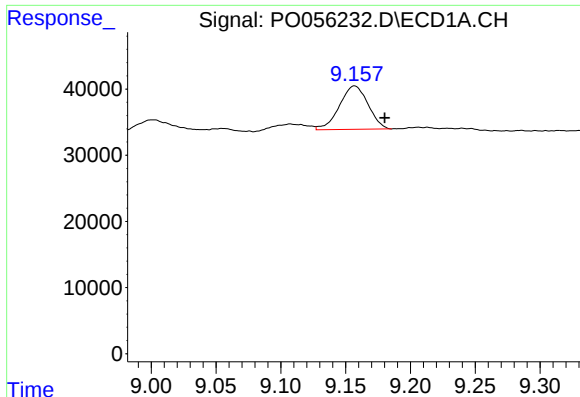
#39 AR-1262-4

R.T.: 8.538 min  
Delta R.T.: -0.020 min  
Response: 65012  
Conc: 23.94 ng/ml



#39 AR-1262-4

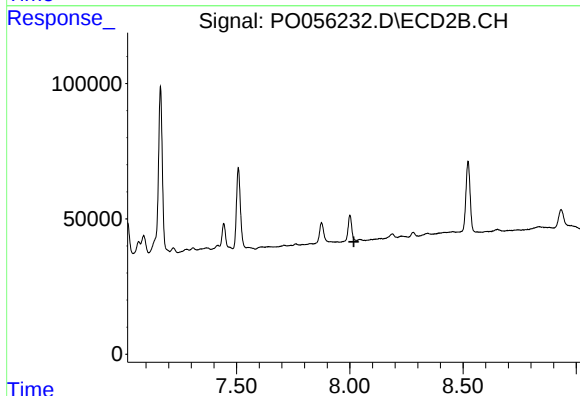
R.T.: 7.508 min  
Delta R.T.: -0.019 min  
Response: 347026  
Conc: 84.74 ng/ml



#40 AR-1262-5

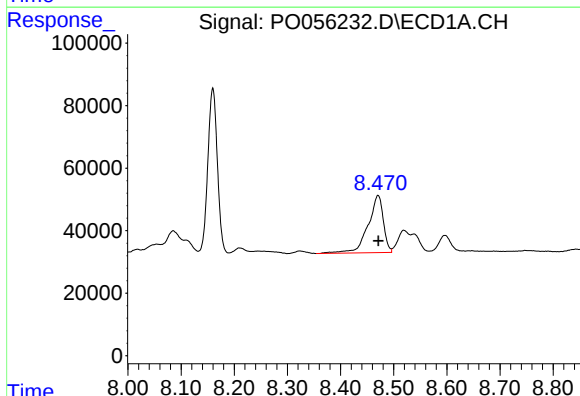
R.T.: 9.157 min  
Delta R.T.: -0.023 min  
Response: 100935  
Conc: 55.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



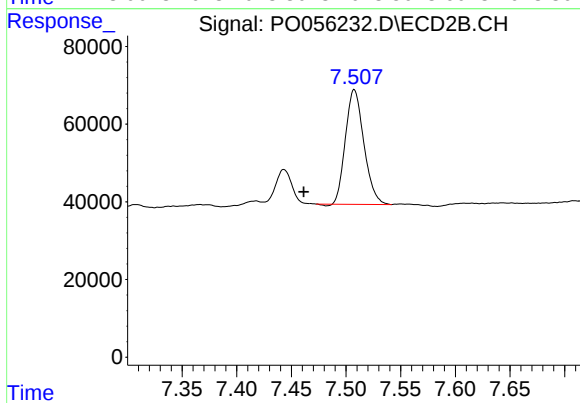
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T. : 8.018 min  
Response: 0  
Conc: N.D.



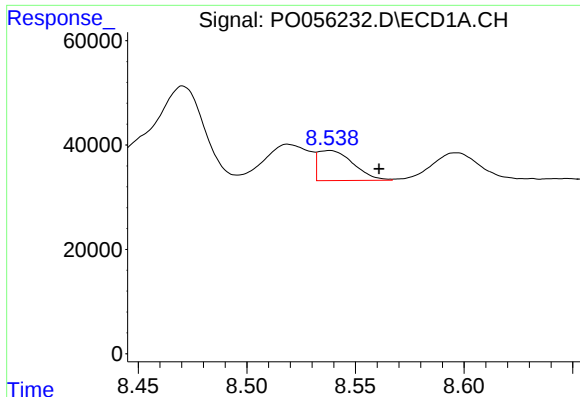
#41 AR-1268-1

R.T.: 8.471 min  
Delta R.T.: 0.000 min  
Response: 365475  
Conc: 60.52 ng/ml



#41 AR-1268-1

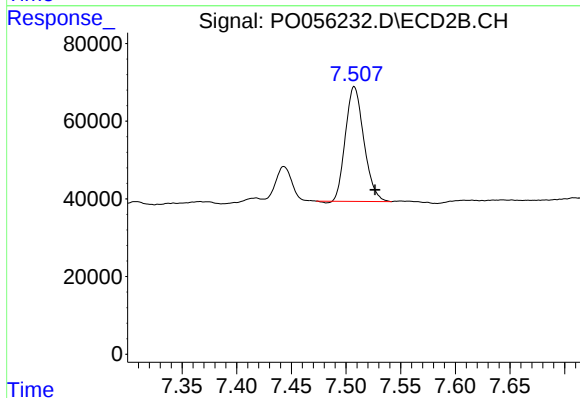
R.T.: 7.508 min  
Delta R.T.: 0.046 min  
Response: 347026  
Conc: 50.08 ng/ml



#42 AR-1268-2

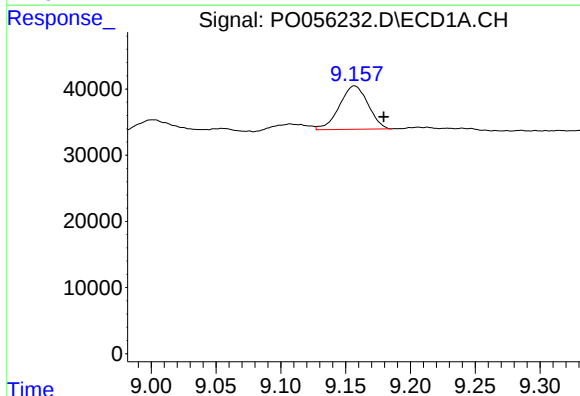
R.T.: 8.538 min  
Delta R.T.: -0.023 min  
Response: 65012  
Conc: 11.88 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



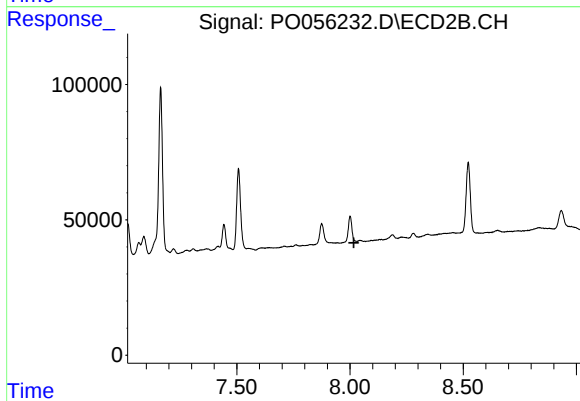
#42 AR-1268-2

R.T.: 7.508 min  
Delta R.T.: -0.019 min  
Response: 347026  
Conc: 61.00 ng/ml



#44 AR-1268-4

R.T.: 9.157 min  
Delta R.T.: -0.023 min  
Response: 100935  
Conc: 51.44 ng/ml



#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T.: 8.017 min  
Response: 0  
Conc: N.D.