

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO101221\  
 Data File : PO082024.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 12 Oct 2021 23:44  
 Operator : AJ\MA  
 Sample : AR1254ICV500  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 13 06:45:31 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO101221.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Oct 13 06:41:28 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... | 4.989  | 3.975 | 2732216 | 1489008 | 48.919   | 54.976    |
| 2)                          | SA Decachlor... | 11.110 | 9.299 | 1853341 | 1317925 | 51.101   | 55.109    |
| Target Compounds            |                 |        |       |         |         |          |           |
| 3)                          | L1 AR-1016-1    | 6.321  | 0.000 | 7245    | 0       | 3.716    | N.D. #    |
| 4)                          | L1 AR-1016-2    | 6.321f | 0.000 | 7245    | 0       | 2.674    | N.D. #    |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.501 | 0       | 335425  | N.D.     | 502.027 # |
| 7)                          | L1 AR-1016-5    | 6.837  | 5.729 | 298326  | 186698  | 223.262  | 238.687   |
| 9)                          | L2 AR-1221-2    | 5.344  | 4.327 | 42235   | 18647   | 85.445   | 71.656    |
| 13)                         | L3 AR-1232-3    | 6.321f | 0.000 | 7245    | 0       | 6.222    | N.D. #    |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.544 | 0       | 86665   | N.D.     | 278.779 # |
| 15)                         | L3 AR-1232-5    | 6.618  | 5.729 | 514326  | 186698  | 1232.202 | 562.570 # |
| 16)                         | L4 AR-1242-1    | 6.321  | 0.000 | 7245    | 0       | 5.014    | N.D. #    |
| 17)                         | L4 AR-1242-2    | 6.321f | 0.000 | 7245    | 0       | 3.608    | N.D. #    |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.544 | 0       | 86665   | N.D.     | 143.822 # |
| 20)                         | L4 AR-1242-5    | 7.311  | 6.111 | 275753  | 799696  | 268.763  | 999.439 # |
| 21)                         | L5 AR-1248-1    | 6.321  | 0.000 | 7245    | 0       | 6.440    | N.D. #    |
| 22)                         | L5 AR-1248-2    | 6.618  | 5.501 | 514326  | 335425  | 367.152  | 378.874   |
| 23)                         | L5 AR-1248-3    | 6.837  | 5.544 | 298326  | 86665   | 178.268  | 101.178 # |
| 24)                         | L5 AR-1248-4    | 7.269  | 5.729 | 441038  | 186698  | 245.761  | 176.641 # |
| 25)                         | L5 AR-1248-5    | 7.311  | 6.153 | 275753  | 88439   | 160.656  | 88.098 #  |
| 26)                         | L6 AR-1254-1    | 7.238  | 6.111 | 898122  | 799696  | 496.975  | 515.238   |
| 27)                         | L6 AR-1254-2    | 7.469  | 6.271 | 1347880 | 708035  | 490.579  | 511.131   |
| 28)                         | L6 AR-1254-3    | 7.854  | 6.692 | 1357340 | 1079536 | 500.998  | 514.300   |
| 29)                         | L6 AR-1254-4    | 8.151  | 6.932 | 1026456 | 718097  | 501.564  | 511.184   |
| 30)                         | L6 AR-1254-5    | 8.583  | 7.364 | 1114830 | 1017512 | 499.965  | 522.697   |
| 31)                         | L7 AR-1260-1    | 8.022  | 6.832 | 601086  | 564519  | 288.159  | 377.862 # |
| 32)                         | L7 AR-1260-2    | 8.289  | 7.029 | 667238  | 474684  | 267.892  | 262.006   |
| 33)                         | L7 AR-1260-3    | 8.644  | 7.181 | 158080  | 480678  | 93.086   | 277.403 # |
| 34)                         | L7 AR-1260-4    | 8.881  | 7.668 | 442886  | 50189   | 217.497  | 40.379 #  |
| 35)                         | L7 AR-1260-5    | 9.225  | 7.917 | 157706  | 96350   | 42.449   | 32.403    |
| 36)                         | L8 AR-1262-1    | 8.644  | 7.364 | 158080  | 1017512 | 33.910   | 509.896 # |
| 37)                         | L8 AR-1262-2    | 9.225  | 7.917 | 157706  | 96350   | 19.535   | 14.340 #  |
| 38)                         | L8 AR-1262-3    | 9.567f | 0.000 | 122879  | 0       | 31.232   | N.D. #    |
| 39)                         | L8 AR-1262-4    | 0.000  | 8.265 | 0       | 127799  | N.D.     | 25.804 #  |
| 41)                         | L9 AR-1268-1    | 9.567f | 0.000 | 122879  | 0       | 12.944   | N.D. #    |
| 42)                         | L9 AR-1268-2    | 0.000  | 8.265 | 0       | 127799  | N.D.     | 18.037 #  |
| -----                       |                 |        |       |         |         |          |           |

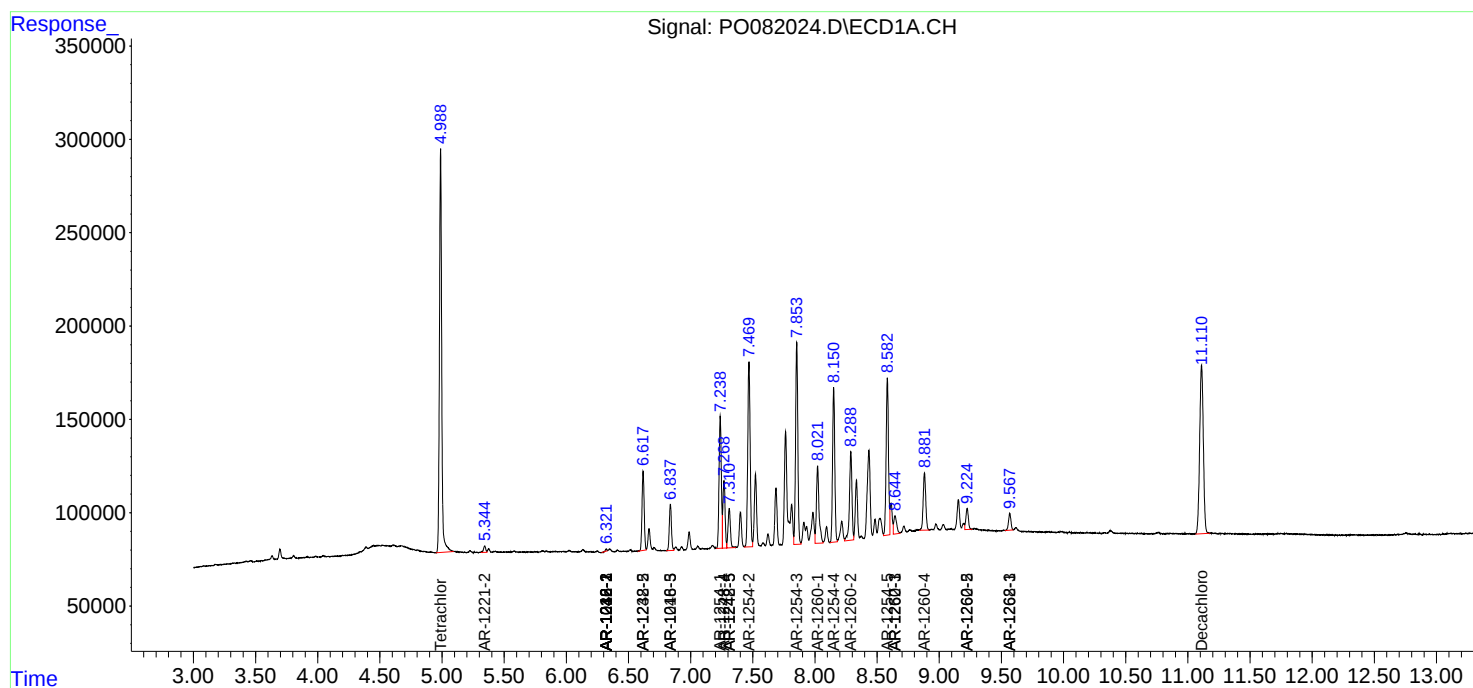
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

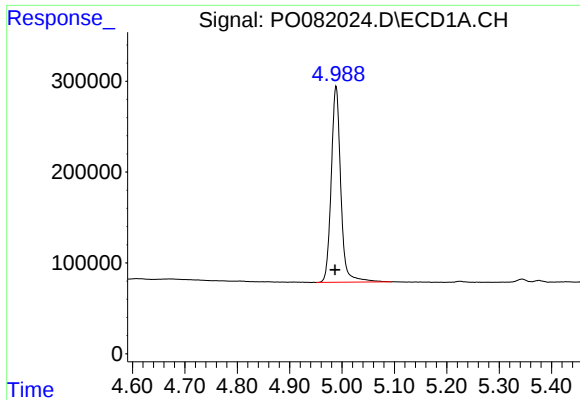
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO101221\  
Data File : PO082024.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 12 Oct 2021 23:44  
Operator : AJ\MA  
Sample : AR1254ICV500  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 13 06:45:31 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO101221.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Oct 13 06:41:28 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

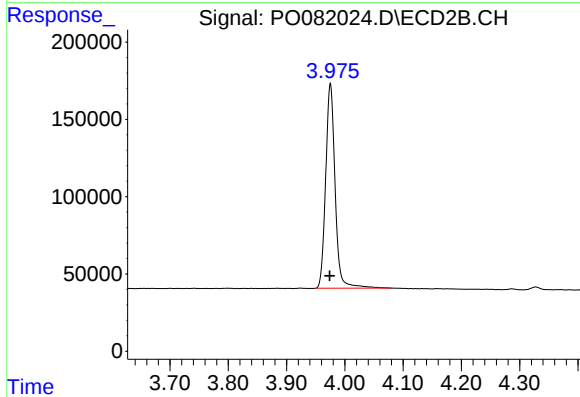




#1 Tetrachloro-m-xylene

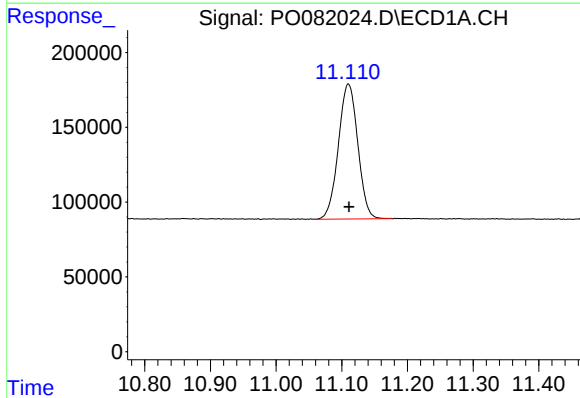
R.T.: 4.989 min  
Delta R.T.: 0.002 min  
Response: 2732216  
Conc: 48.92 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



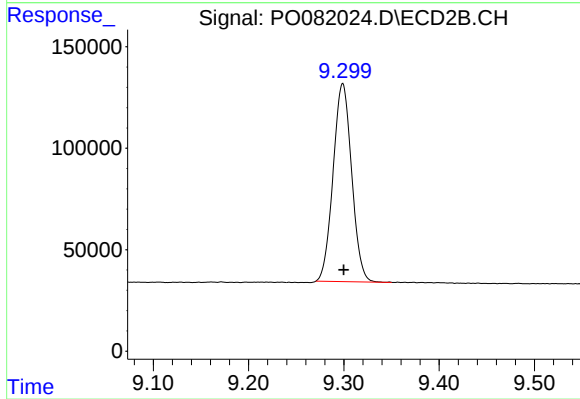
#1 Tetrachloro-m-xylene

R.T.: 3.975 min  
Delta R.T.: 0.001 min  
Response: 1489008  
Conc: 54.98 ng/ml



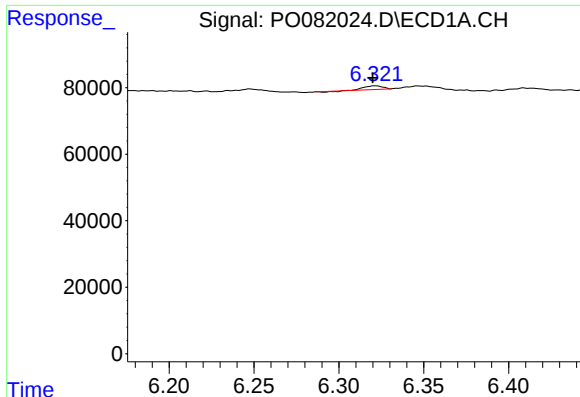
#2 Decachlorobiphenyl

R.T.: 11.110 min  
Delta R.T.: 0.000 min  
Response: 1853341  
Conc: 51.10 ng/ml



#2 Decachlorobiphenyl

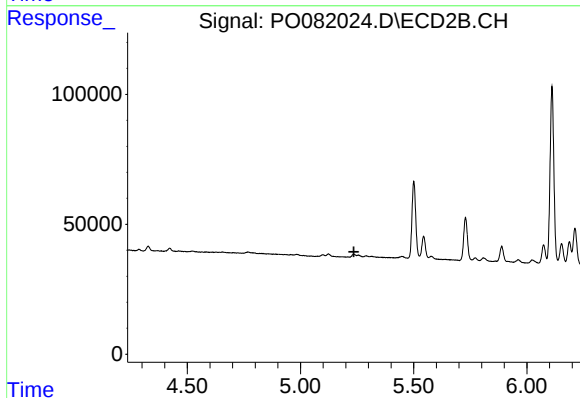
R.T.: 9.299 min  
Delta R.T.: -0.001 min  
Response: 1317925  
Conc: 55.11 ng/ml



#3 AR-1016-1

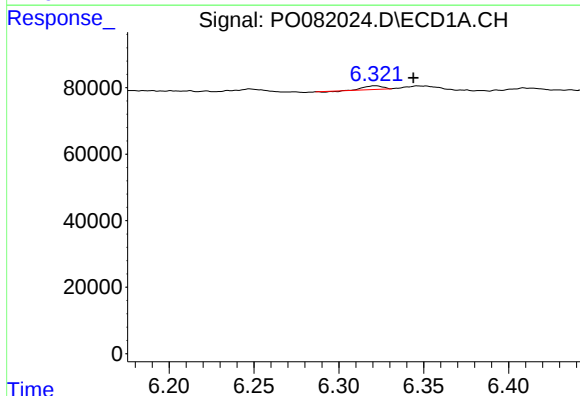
R.T.: 6.321 min  
Delta R.T.: 0.002 min  
Response: 7245  
Conc: 3.72 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



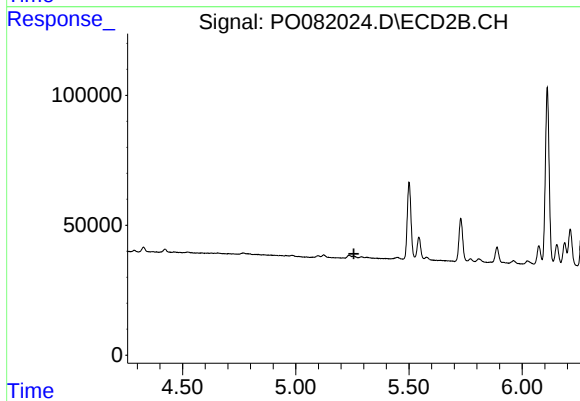
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 5.236 min  
Response: 0  
Conc: N.D.



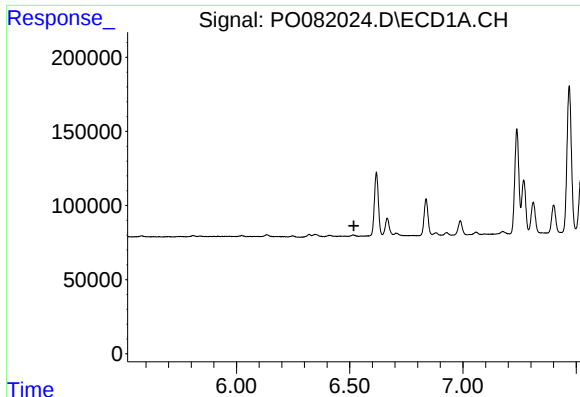
#4 AR-1016-2

R.T.: 6.321 min  
Delta R.T.: -0.022 min  
Response: 7245  
Conc: 2.67 ng/ml



#4 AR-1016-2

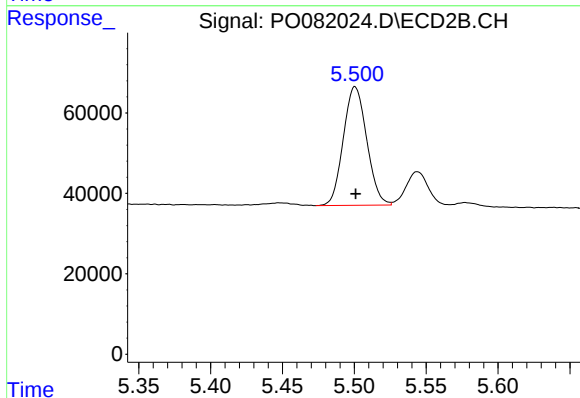
R.T.: 0.000 min  
Exp R.T. : 5.257 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

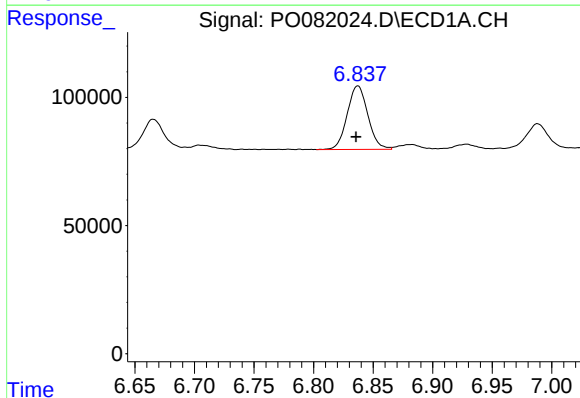
R.T.: 0.000 min  
Exp R.T.: 6.518 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



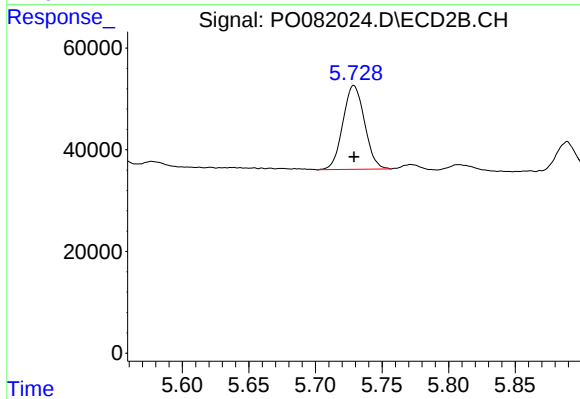
#6 AR-1016-4

R.T.: 5.501 min  
Delta R.T.: 0.000 min  
Response: 335425  
Conc: 502.03 ng/ml



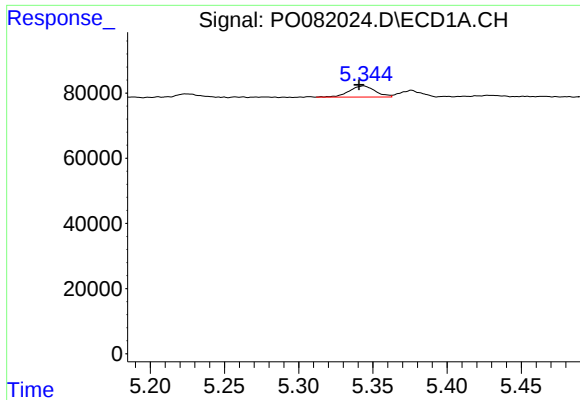
#7 AR-1016-5

R.T.: 6.837 min  
Delta R.T.: 0.002 min  
Response: 298326  
Conc: 223.26 ng/ml



#7 AR-1016-5

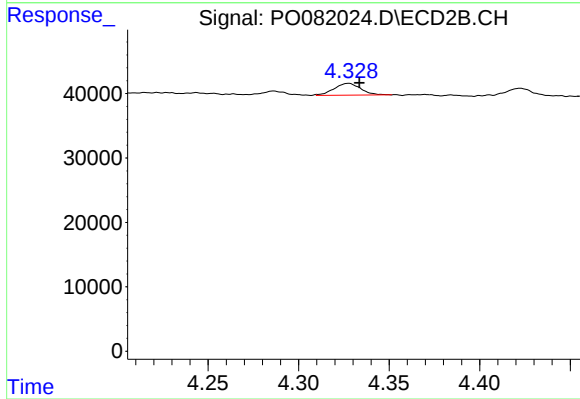
R.T.: 5.729 min  
Delta R.T.: 0.000 min  
Response: 186698  
Conc: 238.69 ng/ml



#9 AR-1221-2

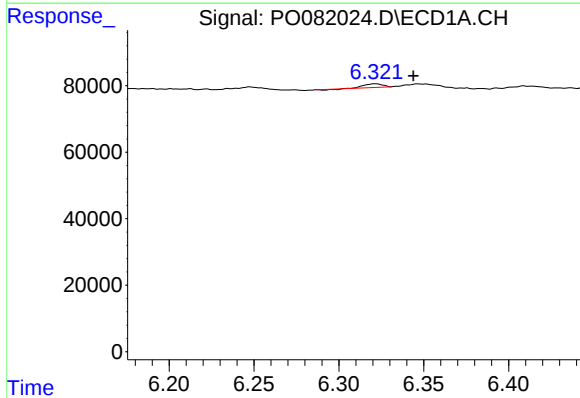
R.T.: 5.344 min  
Delta R.T.: 0.003 min  
Response: 42235  
Conc: 85.44 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



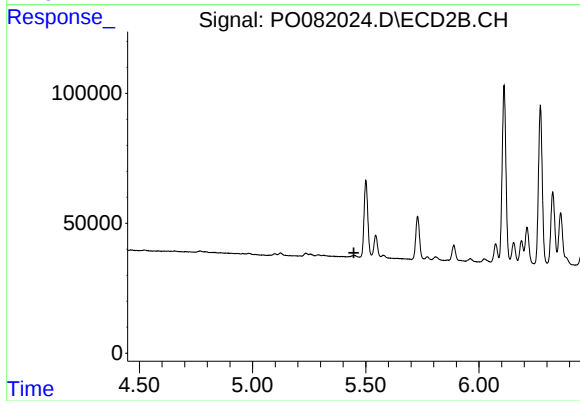
#9 AR-1221-2

R.T.: 4.327 min  
Delta R.T.: -0.006 min  
Response: 18647  
Conc: 71.66 ng/ml



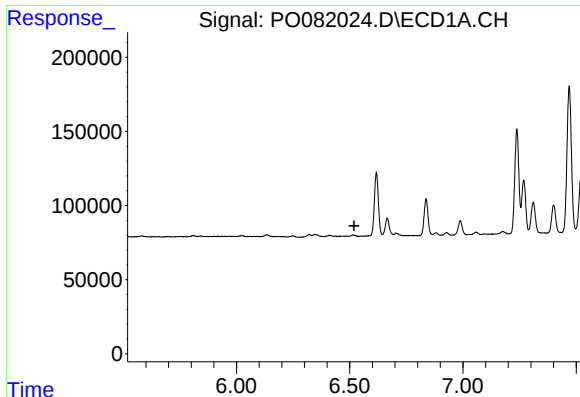
#13 AR-1232-3

R.T.: 6.321 min  
Delta R.T.: -0.022 min  
Response: 7245  
Conc: 6.22 ng/ml



#13 AR-1232-3

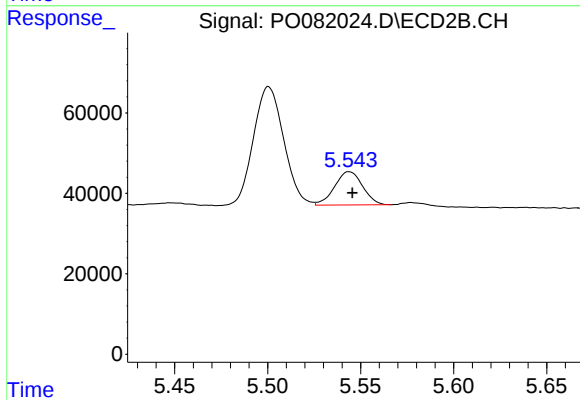
R.T.: 0.000 min  
Exp R.T.: 5.447 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

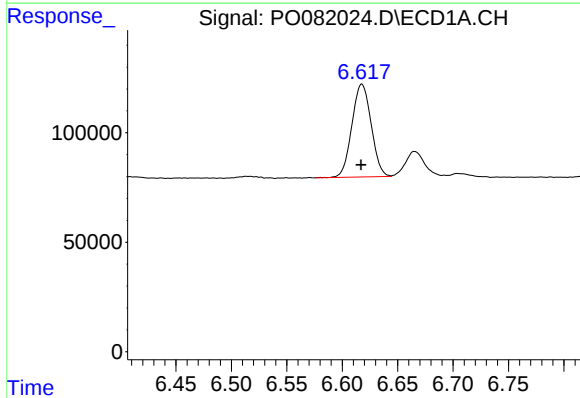
R.T.: 0.000 min  
Exp R.T.: 6.519 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



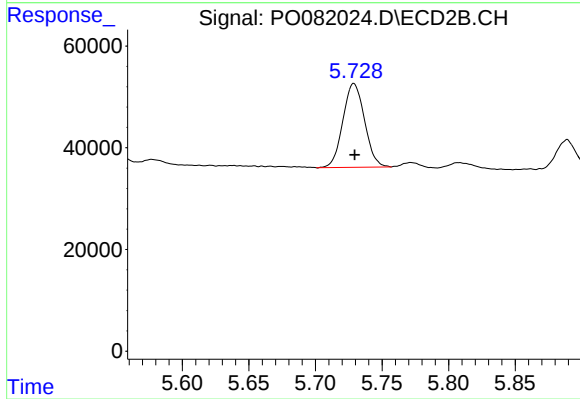
#14 AR-1232-4

R.T.: 5.544 min  
Delta R.T.: -0.002 min  
Response: 86665  
Conc: 278.78 ng/ml



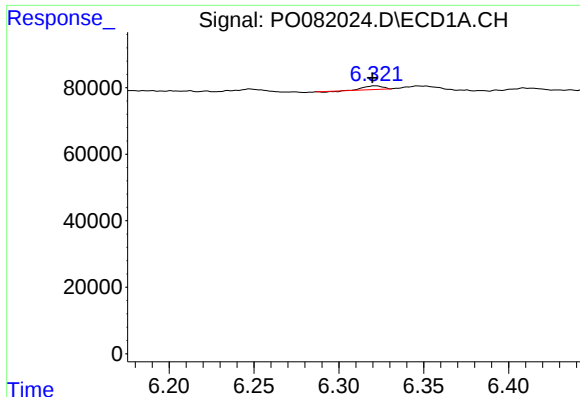
#15 AR-1232-5

R.T.: 6.618 min  
Delta R.T.: 0.000 min  
Response: 514326  
Conc: 1232.20 ng/ml



#15 AR-1232-5

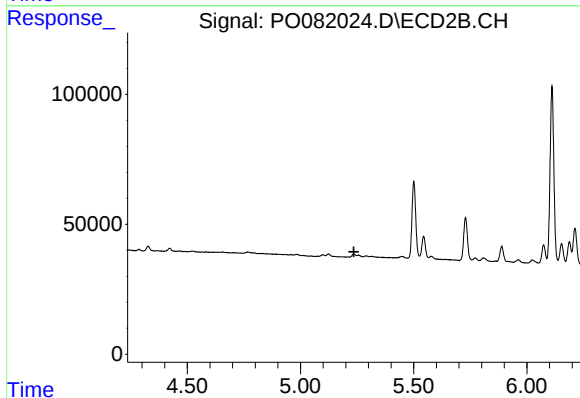
R.T.: 5.729 min  
Delta R.T.: 0.000 min  
Response: 186698  
Conc: 562.57 ng/ml



#16 AR-1242-1

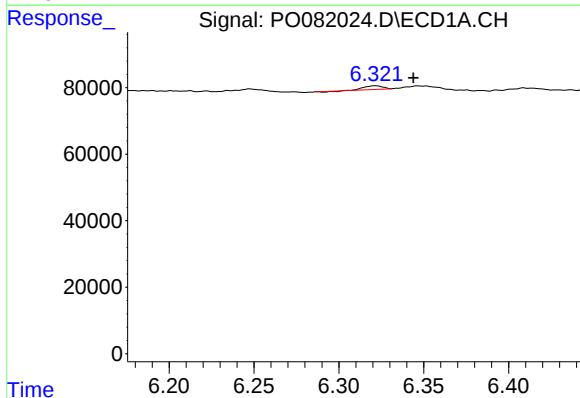
R.T.: 6.321 min  
Delta R.T.: 0.002 min  
Response: 7245  
Conc: 5.01 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



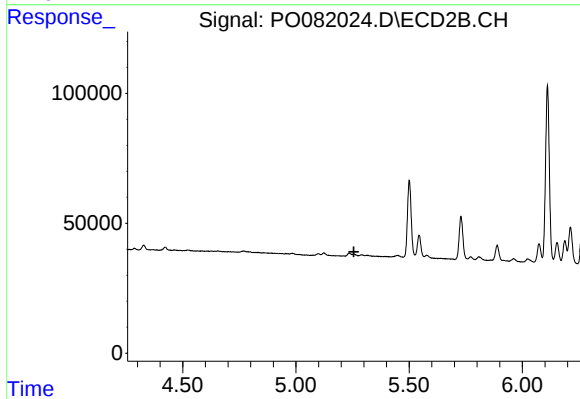
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 5.236 min  
Response: 0  
Conc: N.D.



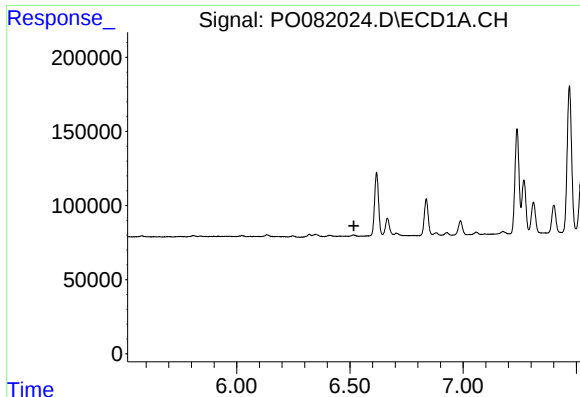
#17 AR-1242-2

R.T.: 6.321 min  
Delta R.T.: -0.022 min  
Response: 7245  
Conc: 3.61 ng/ml



#17 AR-1242-2

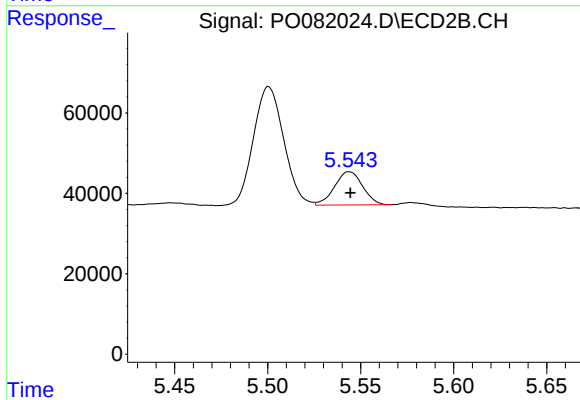
R.T.: 0.000 min  
Exp R.T. : 5.256 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

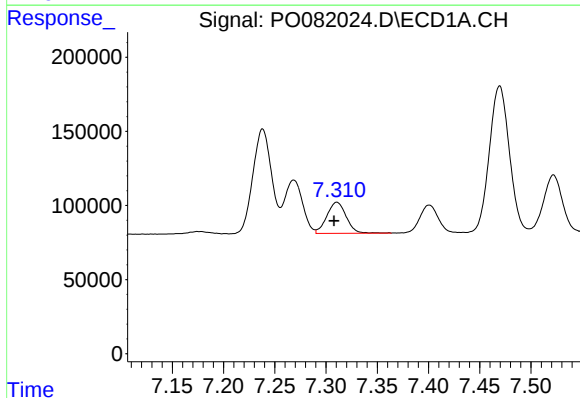
R.T.: 0.000 min  
Exp R.T.: 6.517 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



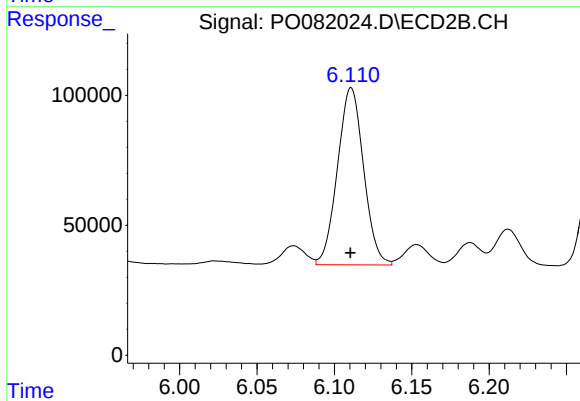
#19 AR-1242-4

R.T.: 5.544 min  
Delta R.T.: 0.000 min  
Response: 86665  
Conc: 143.82 ng/ml



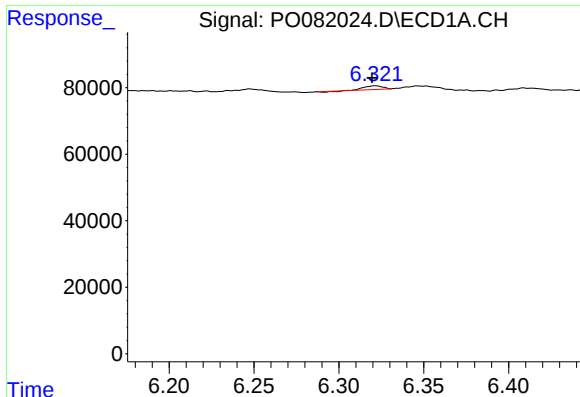
#20 AR-1242-5

R.T.: 7.311 min  
Delta R.T.: 0.003 min  
Response: 275753  
Conc: 268.76 ng/ml



#20 AR-1242-5

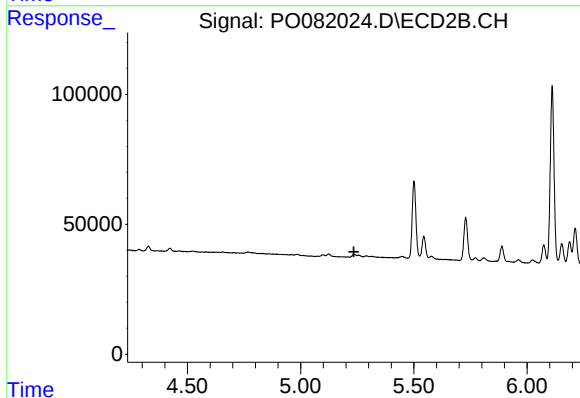
R.T.: 6.111 min  
Delta R.T.: 0.000 min  
Response: 799696  
Conc: 999.44 ng/ml



#21 AR-1248-1

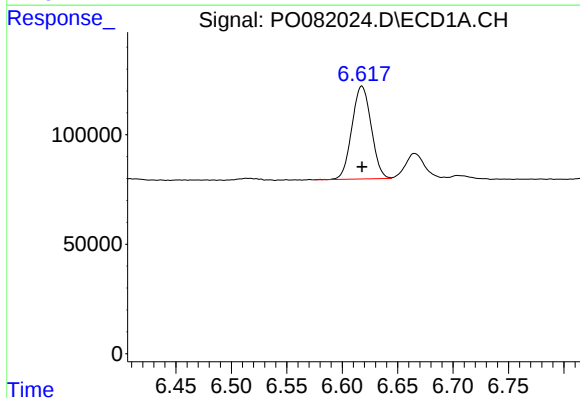
R.T.: 6.321 min  
Delta R.T.: 0.002 min  
Response: 7245  
Conc: 6.44 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



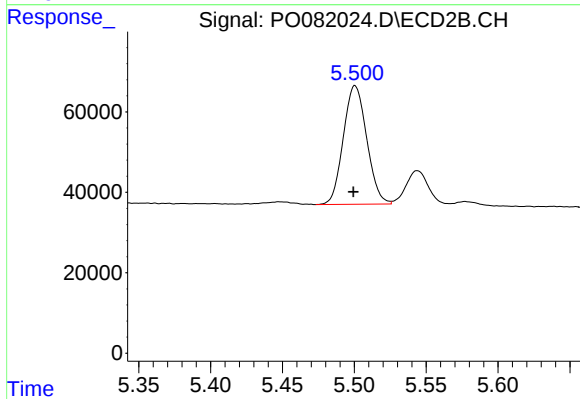
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 5.235 min  
Response: 0  
Conc: N.D.



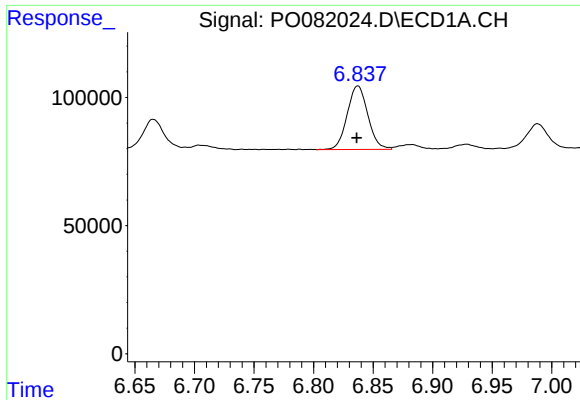
#22 AR-1248-2

R.T.: 6.618 min  
Delta R.T.: 0.000 min  
Response: 514326  
Conc: 367.15 ng/ml



#22 AR-1248-2

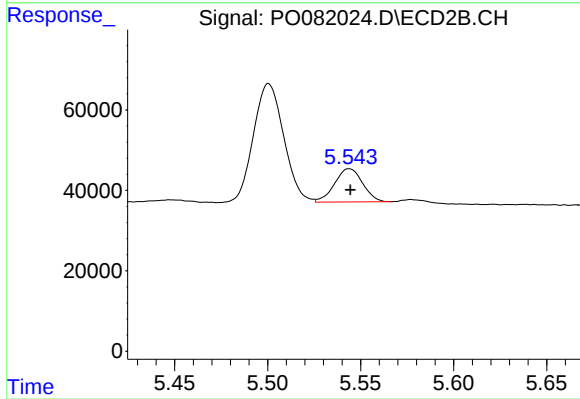
R.T.: 5.501 min  
Delta R.T.: 0.001 min  
Response: 335425  
Conc: 378.87 ng/ml



#23 AR-1248-3

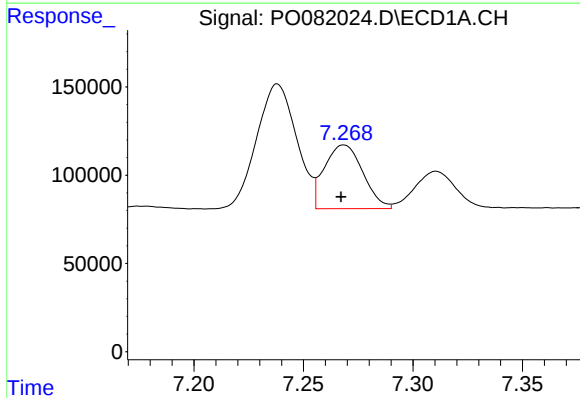
R.T.: 6.837 min  
Delta R.T.: 0.001 min  
Response: 298326  
Conc: 178.27 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



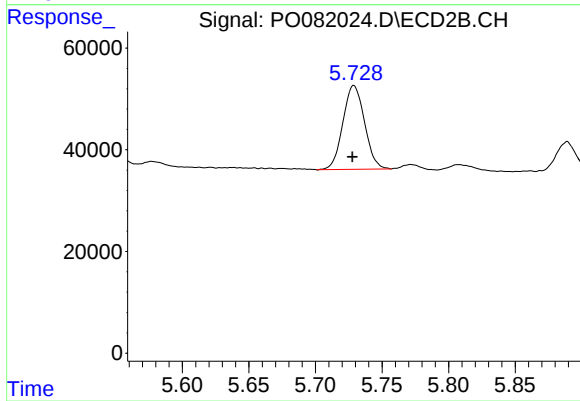
#23 AR-1248-3

R.T.: 5.544 min  
Delta R.T.: 0.000 min  
Response: 86665  
Conc: 101.18 ng/ml



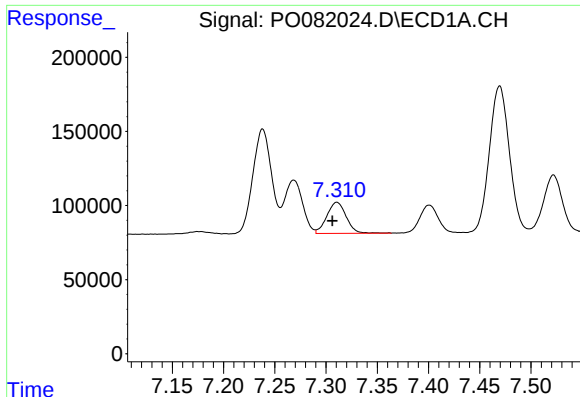
#24 AR-1248-4

R.T.: 7.269 min  
Delta R.T.: 0.001 min  
Response: 441038  
Conc: 245.76 ng/ml



#24 AR-1248-4

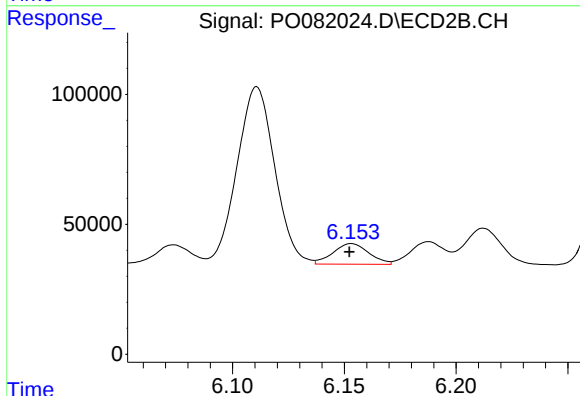
R.T.: 5.729 min  
Delta R.T.: 0.001 min  
Response: 186698  
Conc: 176.64 ng/ml



#25 AR-1248-5

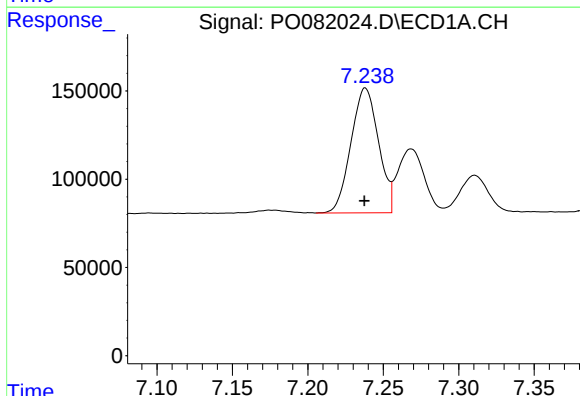
R.T.: 7.311 min  
Delta R.T.: 0.004 min  
Response: 275753  
Conc: 160.66 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



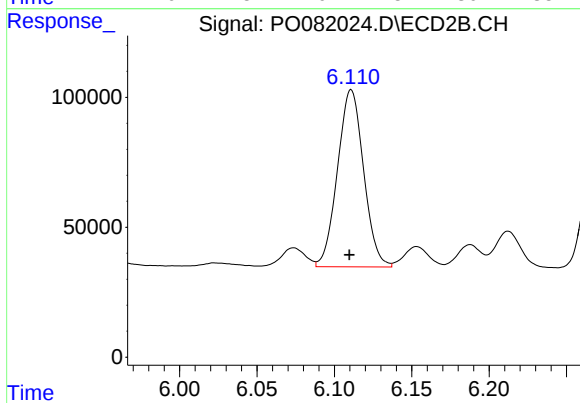
#25 AR-1248-5

R.T.: 6.153 min  
Delta R.T.: 0.000 min  
Response: 88439  
Conc: 88.10 ng/ml



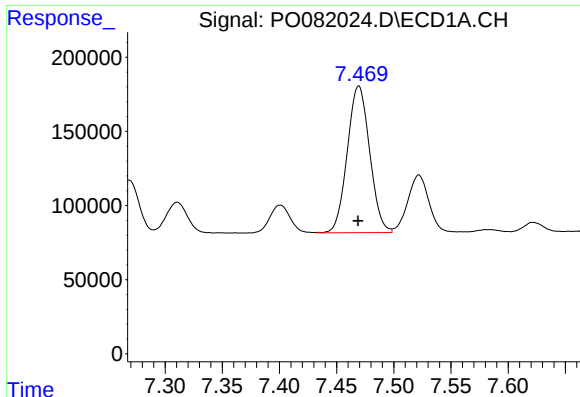
#26 AR-1254-1

R.T.: 7.238 min  
Delta R.T.: 0.000 min  
Response: 898122  
Conc: 496.98 ng/ml



#26 AR-1254-1

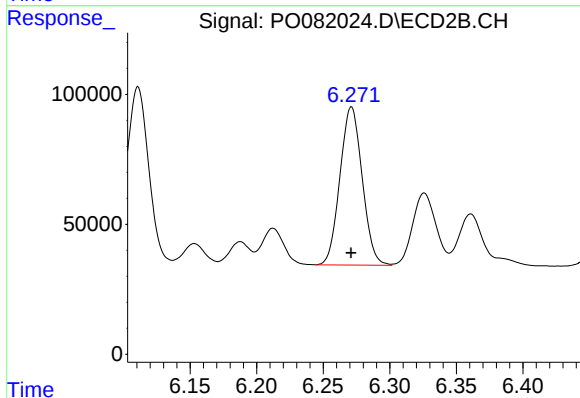
R.T.: 6.111 min  
Delta R.T.: 0.001 min  
Response: 799696  
Conc: 515.24 ng/ml



#27 AR-1254-2

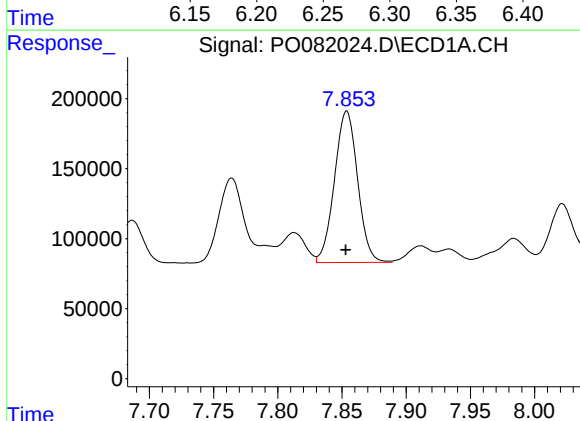
R.T.: 7.469 min  
Delta R.T.: 0.000 min  
Response: 1347880  
Conc: 490.58 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



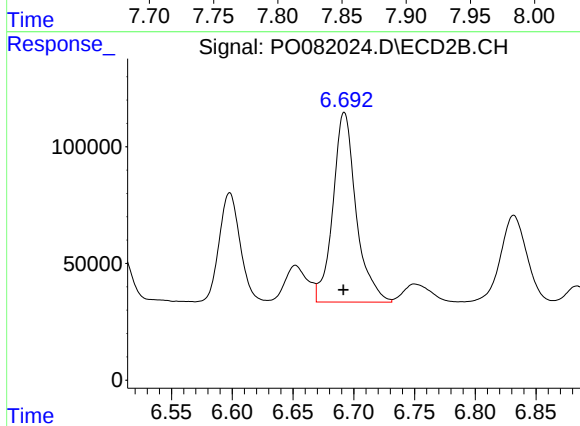
#27 AR-1254-2

R.T.: 6.271 min  
Delta R.T.: 0.000 min  
Response: 708035  
Conc: 511.13 ng/ml



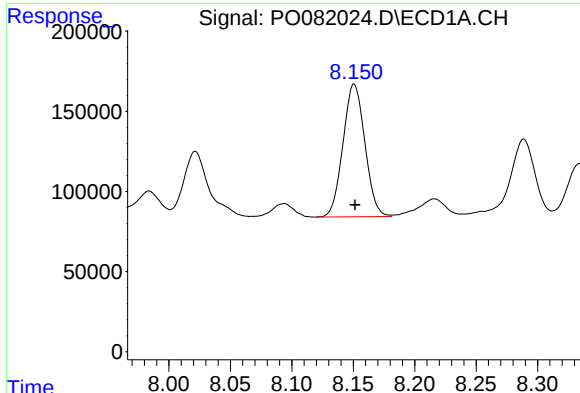
#28 AR-1254-3

R.T.: 7.854 min  
Delta R.T.: 0.000 min  
Response: 1357340  
Conc: 501.00 ng/ml



#28 AR-1254-3

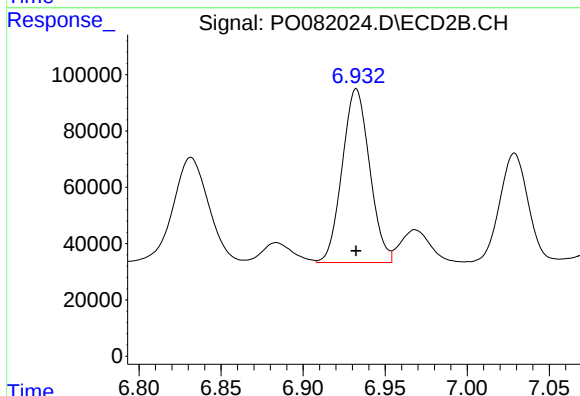
R.T.: 6.692 min  
Delta R.T.: 0.000 min  
Response: 1079536  
Conc: 514.30 ng/ml



#29 AR-1254-4

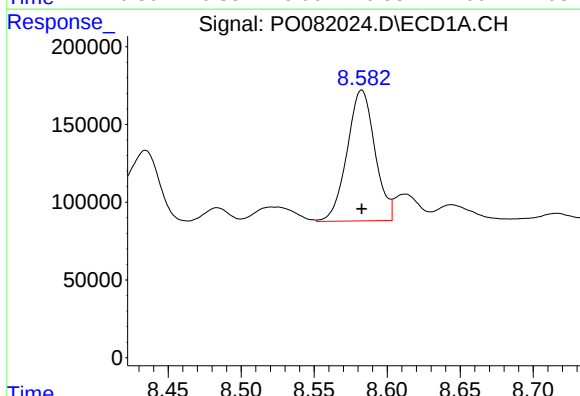
R.T.: 8.151 min  
Delta R.T.: 0.000 min  
Response: 1026456  
Conc: 501.56 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



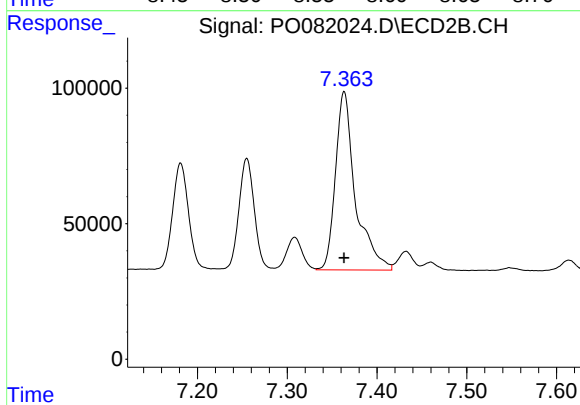
#29 AR-1254-4

R.T.: 6.932 min  
Delta R.T.: 0.000 min  
Response: 718097  
Conc: 511.18 ng/ml



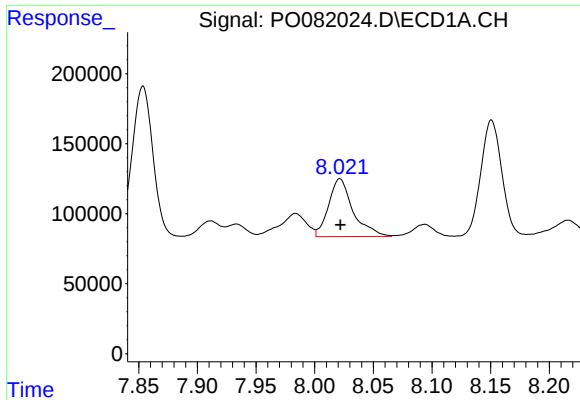
#30 AR-1254-5

R.T.: 8.583 min  
Delta R.T.: 0.000 min  
Response: 1114830  
Conc: 499.97 ng/ml



#30 AR-1254-5

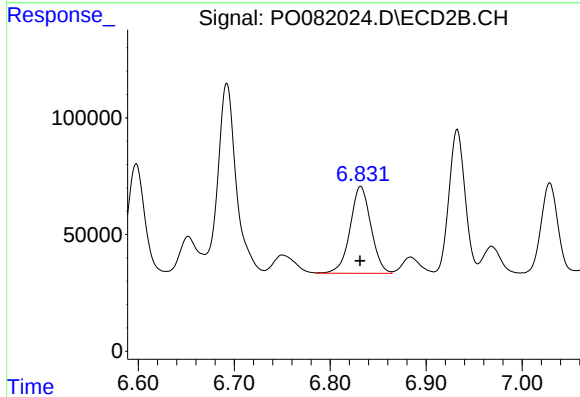
R.T.: 7.364 min  
Delta R.T.: 0.000 min  
Response: 1017512  
Conc: 522.70 ng/ml



#31 AR-1260-1

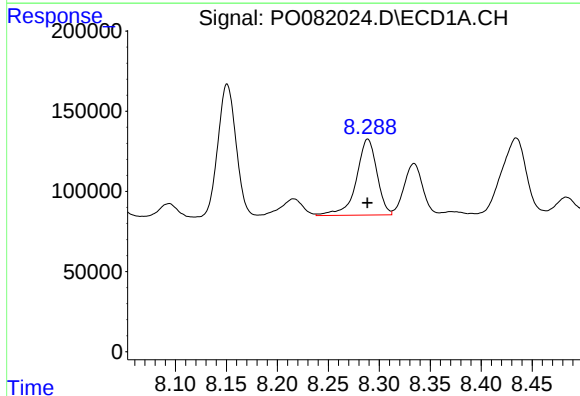
R.T.: 8.022 min  
Delta R.T.: 0.000 min  
Response: 601086  
Conc: 288.16 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



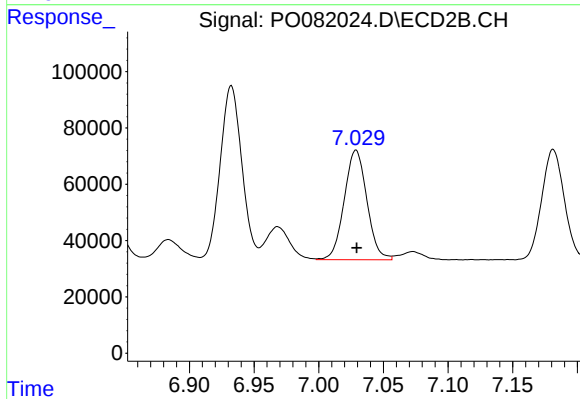
#31 AR-1260-1

R.T.: 6.832 min  
Delta R.T.: 0.000 min  
Response: 564519  
Conc: 377.86 ng/ml



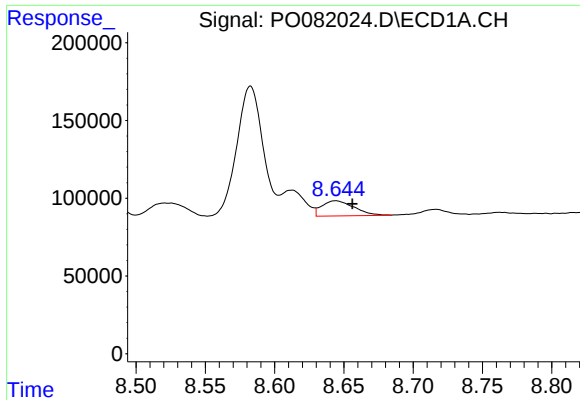
#32 AR-1260-2

R.T.: 8.289 min  
Delta R.T.: 0.000 min  
Response: 667238  
Conc: 267.89 ng/ml



#32 AR-1260-2

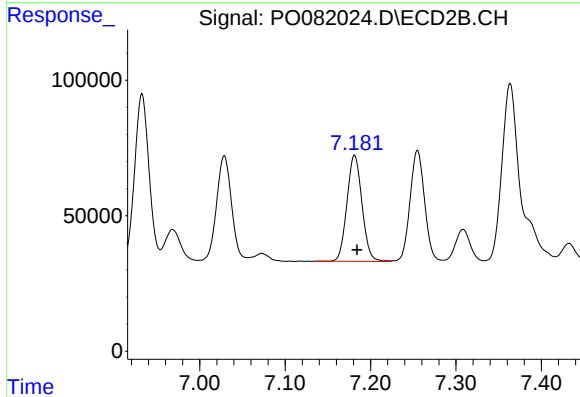
R.T.: 7.029 min  
Delta R.T.: 0.000 min  
Response: 474684  
Conc: 262.01 ng/ml



#33 AR-1260-3

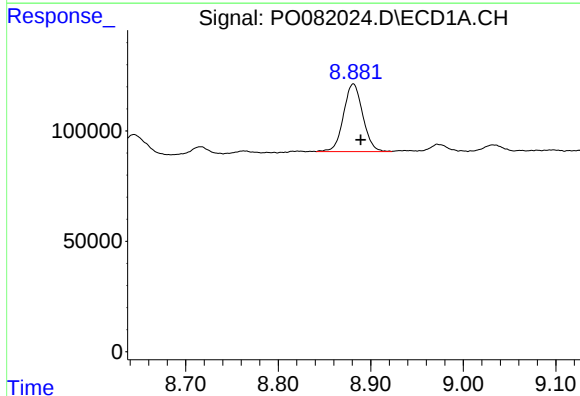
R.T.: 8.644 min  
Delta R.T.: -0.012 min  
Response: 158080  
Conc: 93.09 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



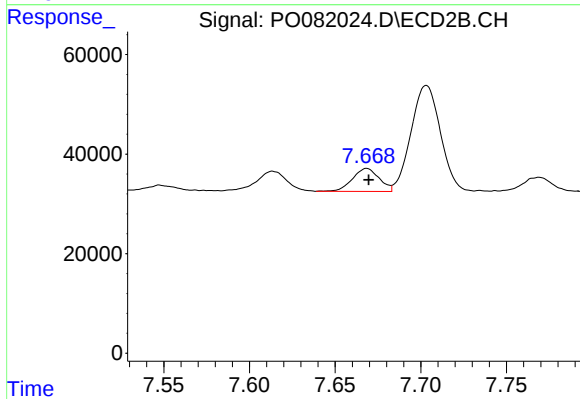
#33 AR-1260-3

R.T.: 7.181 min  
Delta R.T.: -0.003 min  
Response: 480678  
Conc: 277.40 ng/ml



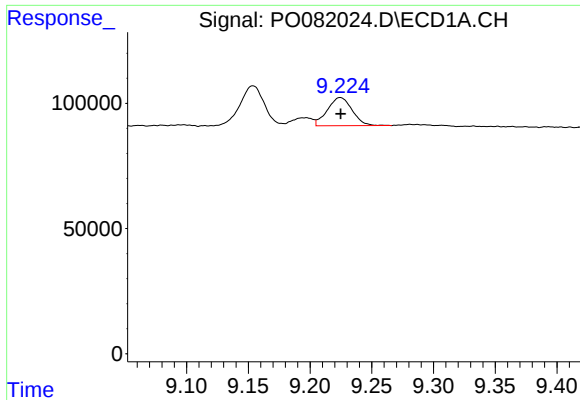
#34 AR-1260-4

R.T.: 8.881 min  
Delta R.T.: -0.008 min  
Response: 442886  
Conc: 217.50 ng/ml



#34 AR-1260-4

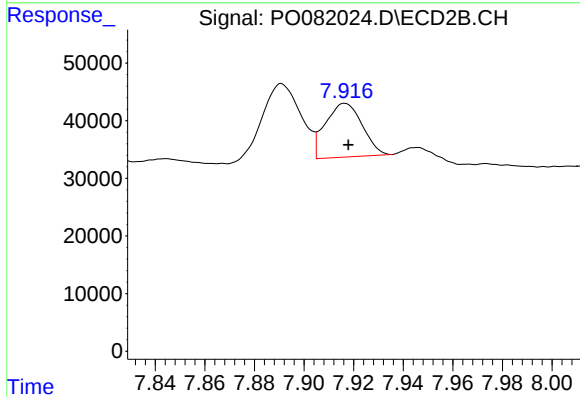
R.T.: 7.668 min  
Delta R.T.: 0.000 min  
Response: 50189  
Conc: 40.38 ng/ml



#35 AR-1260-5

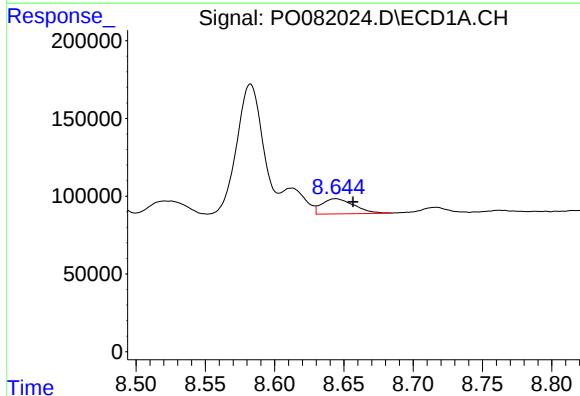
R.T.: 9.225 min  
Delta R.T.: 0.000 min  
Response: 157706  
Conc: 42.45 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



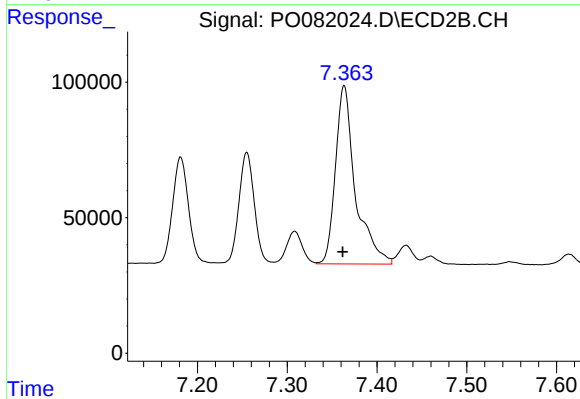
#35 AR-1260-5

R.T.: 7.917 min  
Delta R.T.: -0.001 min  
Response: 96350  
Conc: 32.40 ng/ml



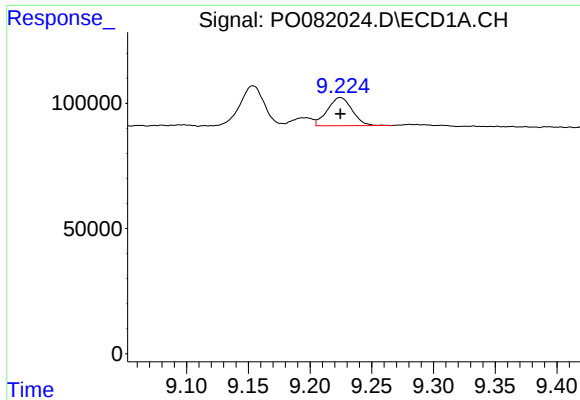
#36 AR-1262-1

R.T.: 8.644 min  
Delta R.T.: -0.012 min  
Response: 158080  
Conc: 33.91 ng/ml



#36 AR-1262-1

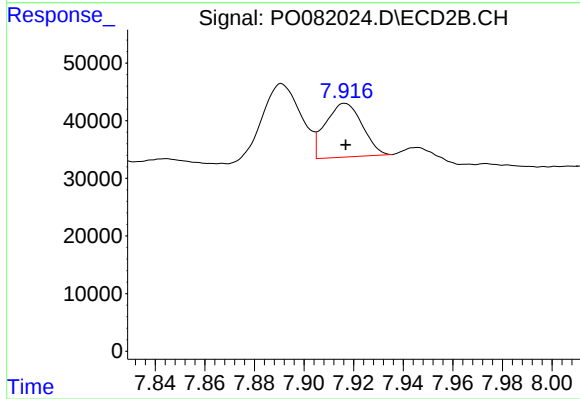
R.T.: 7.364 min  
Delta R.T.: 0.002 min  
Response: 1017512  
Conc: 509.90 ng/ml



#37 AR-1262-2

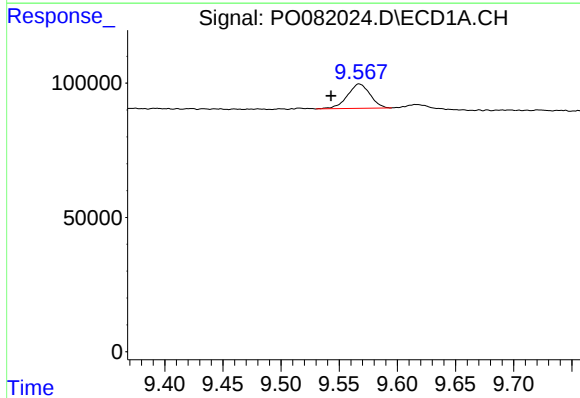
R.T.: 9.225 min  
Delta R.T.: 0.000 min  
Response: 157706  
Conc: 19.54 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



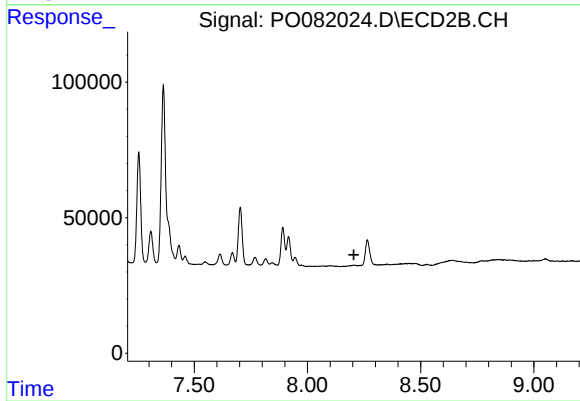
#37 AR-1262-2

R.T.: 7.917 min  
Delta R.T.: 0.000 min  
Response: 96350  
Conc: 14.34 ng/ml



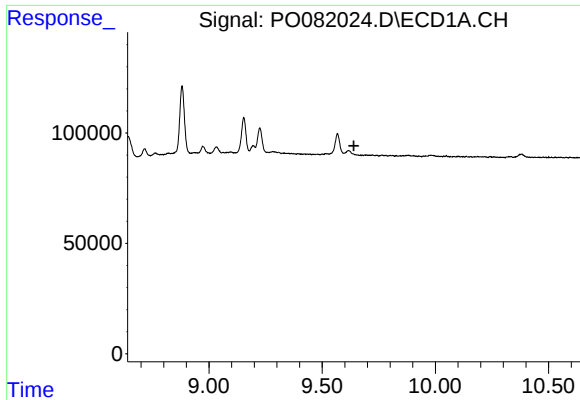
#38 AR-1262-3

R.T.: 9.567 min  
Delta R.T.: 0.024 min  
Response: 122879  
Conc: 31.23 ng/ml



#38 AR-1262-3

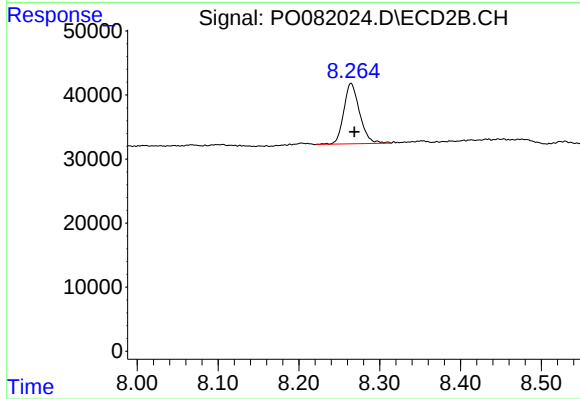
R.T.: 0.000 min  
Exp R.T. : 8.205 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

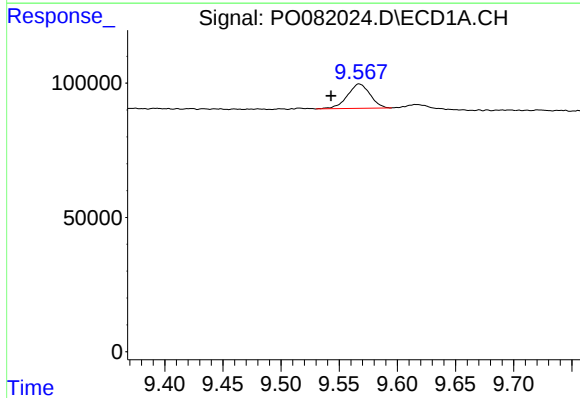
R.T.: 0.000 min  
Exp R.T.: 9.640 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



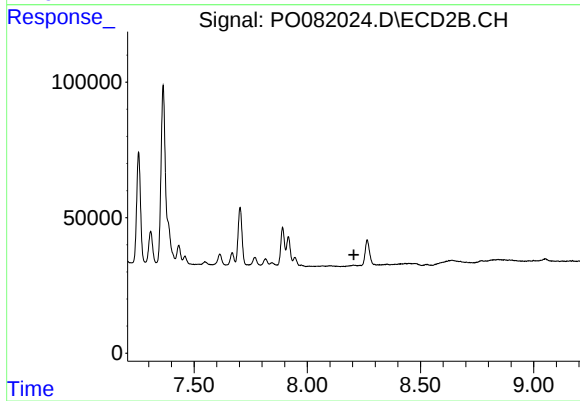
#39 AR-1262-4

R.T.: 8.265 min  
Delta R.T.: -0.004 min  
Response: 127799  
Conc: 25.80 ng/ml



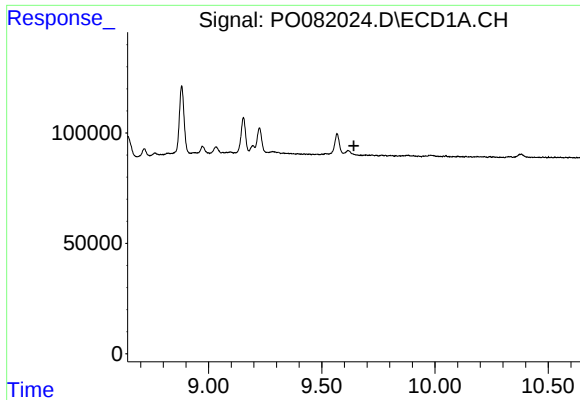
#41 AR-1268-1

R.T.: 9.567 min  
Delta R.T.: 0.024 min  
Response: 122879  
Conc: 12.94 ng/ml



#41 AR-1268-1

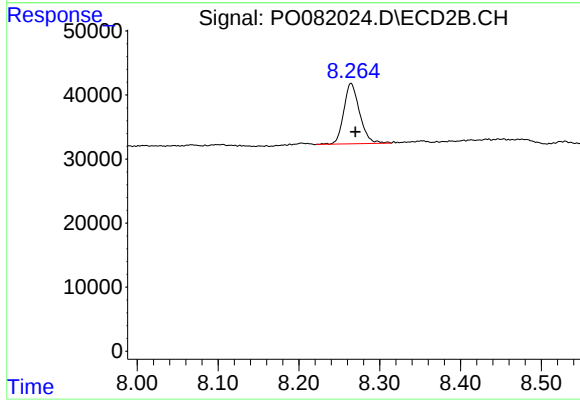
R.T.: 0.000 min  
Exp R.T.: 8.206 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T.: 9.642 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



#42 AR-1268-2

R.T.: 8.265 min  
Delta R.T.: -0.005 min  
Response: 127799  
Conc: 18.04 ng/ml