

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0032721\  
 Data File : P0076570.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 26 Mar 2021 15:22  
 Operator : DD\AJ  
 Sample : M1814-10  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 26 23:49:18 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0032421.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 24 05:38:14 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... | 4.913  | 3.926  | 1863696 | 1123304 | 21.280  | 20.478   |
| 2)                          | SA Decachlor... | 10.893 | 9.186  | 2124873 | 1352454 | 32.643  | 28.701   |
| Target Compounds            |                 |        |        |         |         |         |          |
| 3)                          | L1 AR-1016-1    | 6.250f | 0.000  | 10389   | 0       | 3.844   | N.D. #   |
| 4)                          | L1 AR-1016-2    | 6.250  | 0.000  | 10389   | 0       | 2.527   | N.D. #   |
| 5)                          | L1 AR-1016-3    | 6.336  | 0.000  | 13005   | 0       | 5.390   | N.D. #   |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.663  | 0       | 26381   | N.D.    | 19.158 # |
| 8)                          | L2 AR-1221-1    | 5.175  | 0.000  | 213482  | 0       | 242.632 | N.D. #   |
| 9)                          | L2 AR-1221-2    | 5.266  | 0.000  | 45291   | 0       | 66.880  | N.D. #   |
| 10)                         | L2 AR-1221-3    | 5.364  | 0.000  | 50897   | 0       | 23.521  | N.D. #   |
| 11)                         | L3 AR-1232-1    | 5.364  | 0.000  | 50897   | 0       | 28.773  | N.D. #   |
| 13)                         | L3 AR-1232-3    | 6.250  | 0.000  | 10389   | 0       | 6.152   | N.D. #   |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.504f | 0       | 17922   | N.D.    | 34.908 # |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.663  | 0       | 26381   | N.D.    | 48.361 # |
| 16)                         | L4 AR-1242-1    | 6.250  | 0.000  | 10389   | 0       | 4.647   | N.D. #   |
| 17)                         | L4 AR-1242-2    | 6.250  | 0.000  | 10389   | 0       | 3.058   | N.D. #   |
| 18)                         | L4 AR-1242-3    | 6.336  | 0.000  | 13005   | 0       | 6.435   | N.D. #   |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.504f | 0       | 17922   | N.D.    | 16.176 # |
| 21)                         | L5 AR-1248-1    | 6.250  | 0.000  | 10389   | 0       | 6.276   | N.D. #   |
| 23)                         | L5 AR-1248-3    | 0.000  | 5.504f | 0       | 17922   | N.D.    | 10.857 # |
| 24)                         | L5 AR-1248-4    | 7.177  | 5.663  | 97085   | 26381   | 31.092  | 13.570 # |
| 26)                         | L6 AR-1254-1    | 7.120f | 0.000  | 73387   | 0       | 22.095  | N.D. #   |
| 27)                         | L6 AR-1254-2    | 7.376  | 0.000  | 54869   | 0       | 10.661  | N.D. #   |
| 28)                         | L6 AR-1254-3    | 7.762  | 0.000  | 124474  | 0       | 23.401  | N.D. #   |
| 30)                         | L6 AR-1254-5    | 8.485  | 0.000  | 131135  | 0       | 33.454  | N.D. #   |
| 31)                         | L7 AR-1260-1    | 7.916  | 6.766  | 29484   | 32820   | 8.580   | 12.806 # |
| 32)                         | L7 AR-1260-2    | 8.182  | 6.976f | 124751  | 84432   | 30.768  | 27.225   |
| 33)                         | L7 AR-1260-3    | 8.541  | 0.000  | 70683   | 0       | 23.396  | N.D. #   |
| 34)                         | L7 AR-1260-4    | 8.754f | 0.000  | 76789   | 0       | 22.035  | N.D. #   |
| 35)                         | L7 AR-1260-5    | 9.109  | 0.000  | 38890   | 0       | 5.755   | N.D. #   |
| 36)                         | L8 AR-1262-1    | 8.541  | 0.000  | 70683   | 0       | 13.661  | N.D. #   |
| 37)                         | L8 AR-1262-2    | 9.109  | 0.000  | 38890   | 0       | 4.513   | N.D. #   |
| 38)                         | L8 AR-1262-3    | 9.436f | 0.000  | 10961   | 0       | 1.933   | N.D. #   |
| 39)                         | L8 AR-1262-4    | 9.476f | 0.000  | 9241    | 0       | 2.147   | N.D. #   |
| 40)                         | L8 AR-1262-5    | 10.161 | 0.000  | 23082   | 0       | 7.944   | N.D. #   |
| 41)                         | L9 AR-1268-1    | 9.436f | 0.000  | 10961   | 0       | 1.056   | N.D. #   |
| 42)                         | L9 AR-1268-2    | 9.476f | 0.000  | 9241    | 0       | 0.993   | N.D. #   |
| 43)                         | L9 AR-1268-3    | 9.733  | 0.000  | 15823   | 0       | 1.905   | N.D. #   |
| 44)                         | L9 AR-1268-4    | 10.161 | 0.000  | 23082   | 0       | 7.103   | N.D. #   |
| 45)                         | L9 AR-1268-5    | 10.563 | 0.000  | 32876   | 0       | 1.242   | N.D. #   |
| -----                       |                 |        |        |         |         |         |          |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0032721\  
Data File : P0076570.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 26 Mar 2021 15:22  
Operator : DD\AJ  
Sample : M1814-10  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

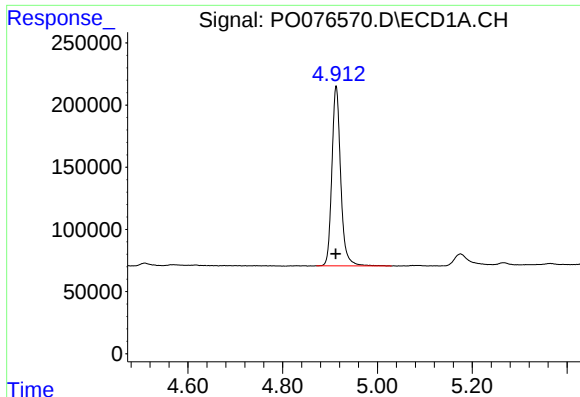
Instrument :  
ECD\_O  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 26 23:49:18 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0032421.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 24 05:38:14 2021  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                                                              | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|-----------------------------------------------------------------------|------|------|--------|--------|-------|-------|
| -----                                                                 |      |      |        |        |       |       |
| (f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int. |      |      |        |        |       |       |

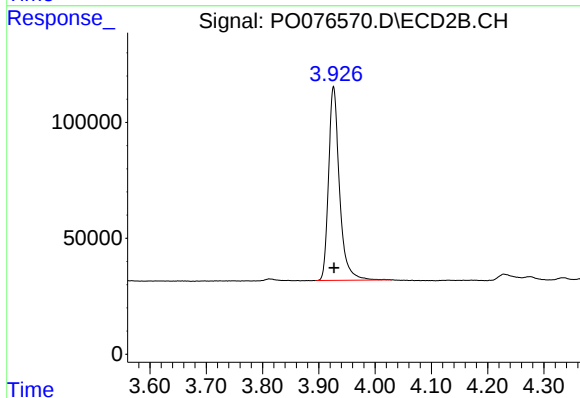




#1 Tetrachloro-m-xylene

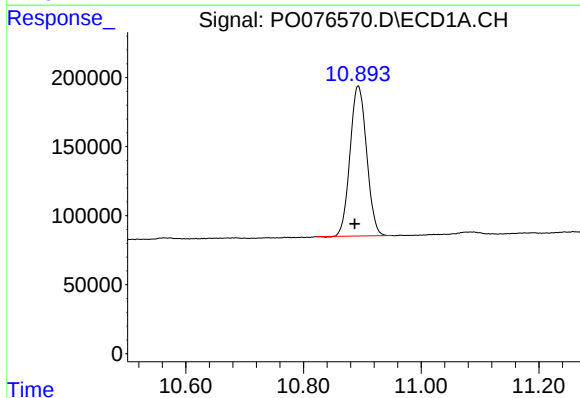
R.T.: 4.913 min  
Delta R.T.: 0.000 min  
Response: 1863696  
Conc: 21.28 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



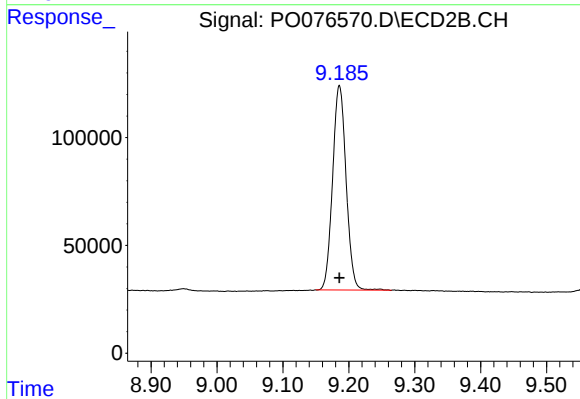
#1 Tetrachloro-m-xylene

R.T.: 3.926 min  
Delta R.T.: -0.001 min  
Response: 1123304  
Conc: 20.48 ng/ml



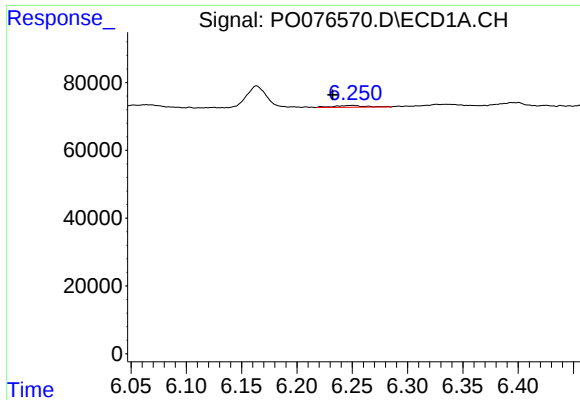
#2 Decachlorobiphenyl

R.T.: 10.893 min  
Delta R.T.: 0.006 min  
Response: 2124873  
Conc: 32.64 ng/ml



#2 Decachlorobiphenyl

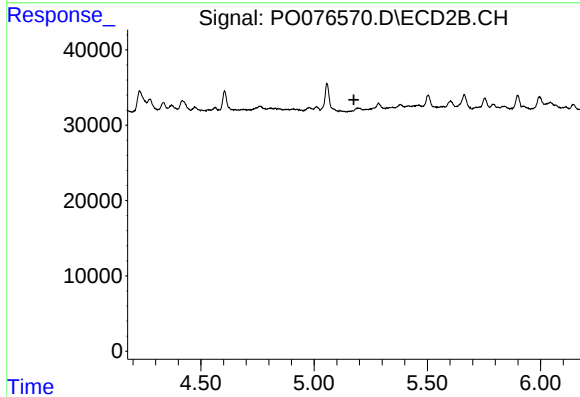
R.T.: 9.186 min  
Delta R.T.: 0.000 min  
Response: 1352454  
Conc: 28.70 ng/ml



#3 AR-1016-1

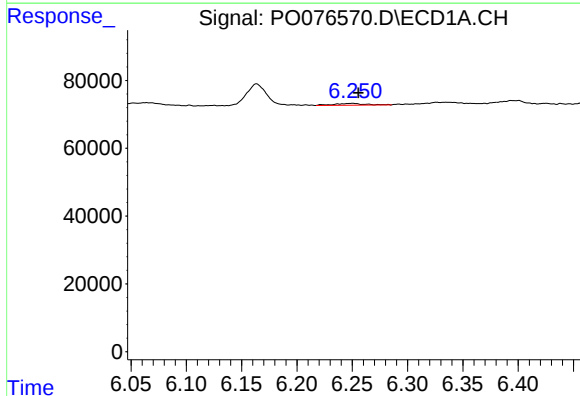
R.T.: 6.250 min  
Delta R.T.: 0.017 min  
Response: 10389  
Conc: 3.84 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



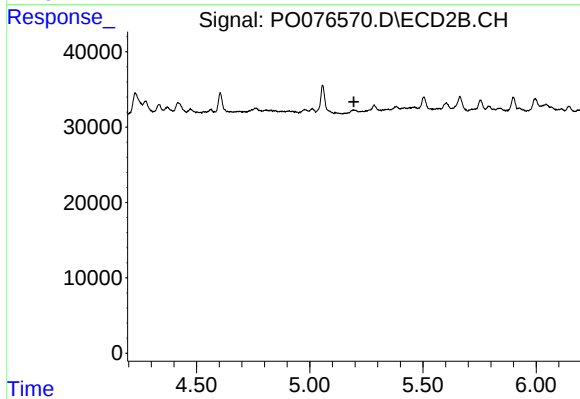
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 5.175 min  
Response: 0  
Conc: N.D.



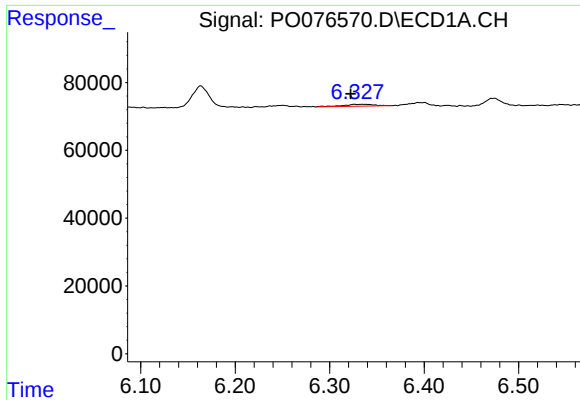
#4 AR-1016-2

R.T.: 6.250 min  
Delta R.T.: -0.006 min  
Response: 10389  
Conc: 2.53 ng/ml



#4 AR-1016-2

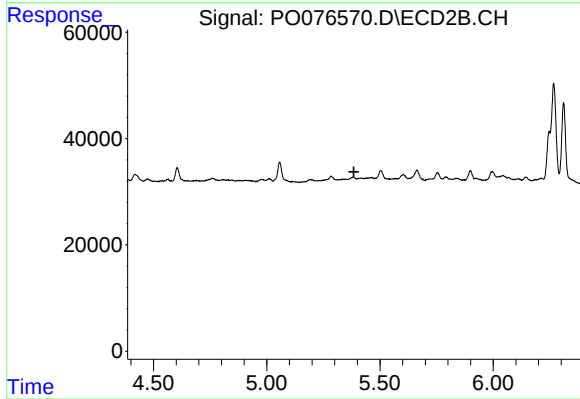
R.T.: 0.000 min  
Exp R.T. : 5.195 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

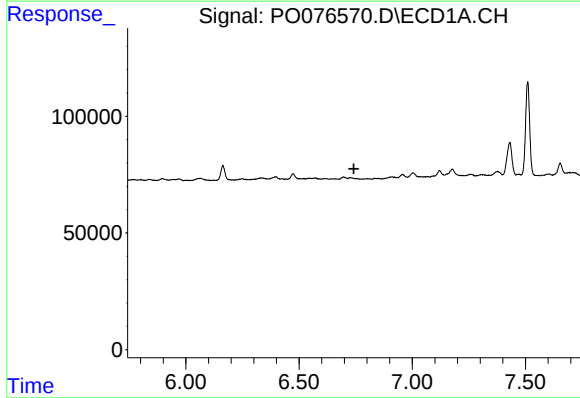
R.T.: 6.336 min  
Delta R.T.: 0.014 min  
Response: 13005  
Conc: 5.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



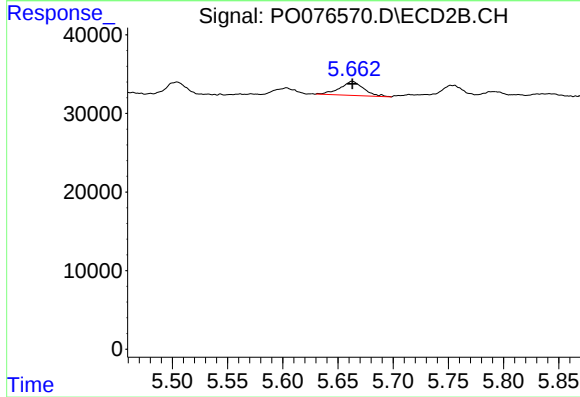
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 5.384 min  
Response: 0  
Conc: N.D.



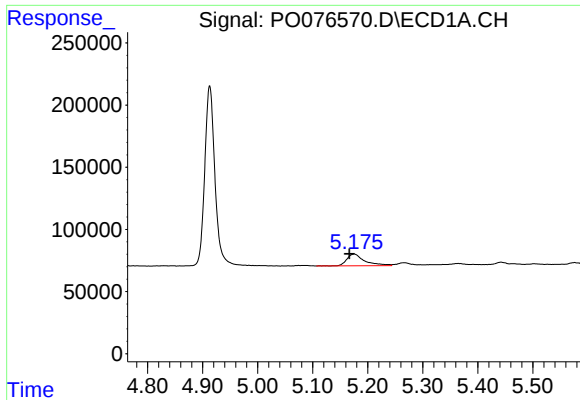
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 6.743 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

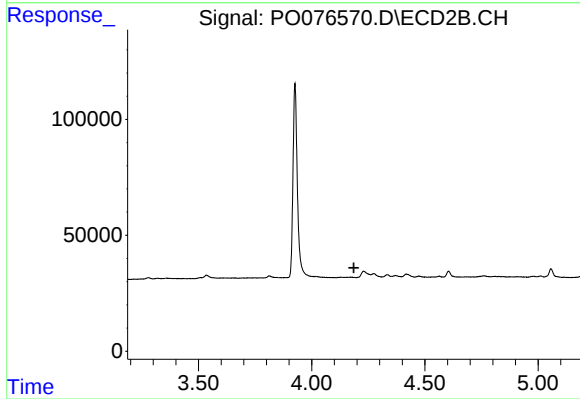
R.T.: 5.663 min  
Delta R.T.: 0.000 min  
Response: 26381  
Conc: 19.16 ng/ml



#8 AR-1221-1

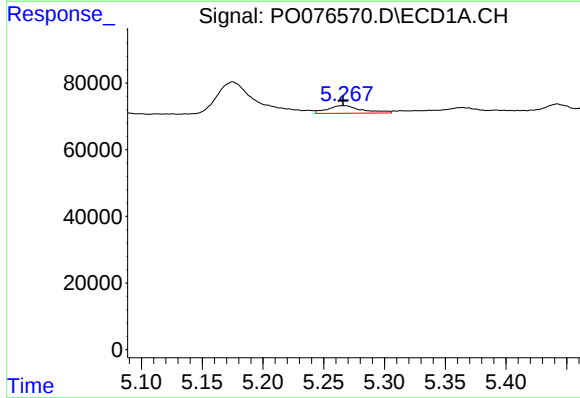
R.T.: 5.175 min  
Delta R.T.: 0.008 min  
Response: 213482  
Conc: 242.63 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



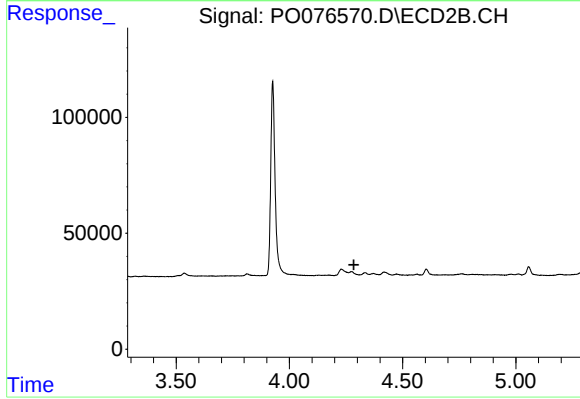
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 4.187 min  
Response: 0  
Conc: N.D.



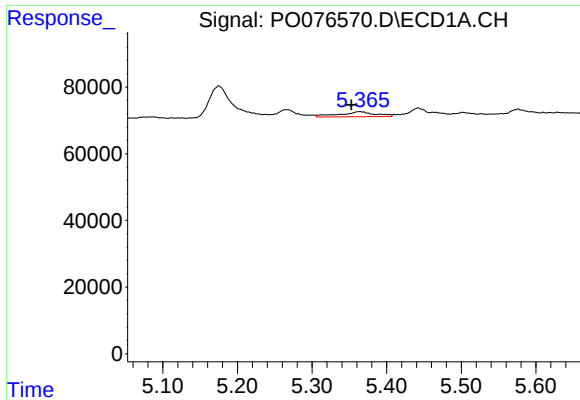
#9 AR-1221-2

R.T.: 5.266 min  
Delta R.T.: 0.000 min  
Response: 45291  
Conc: 66.88 ng/ml



#9 AR-1221-2

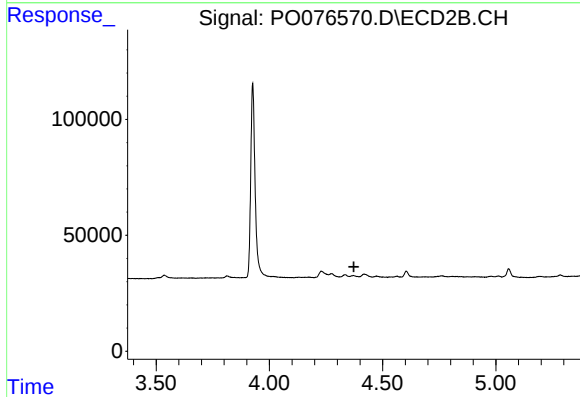
R.T.: 0.000 min  
Exp R.T. : 4.285 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

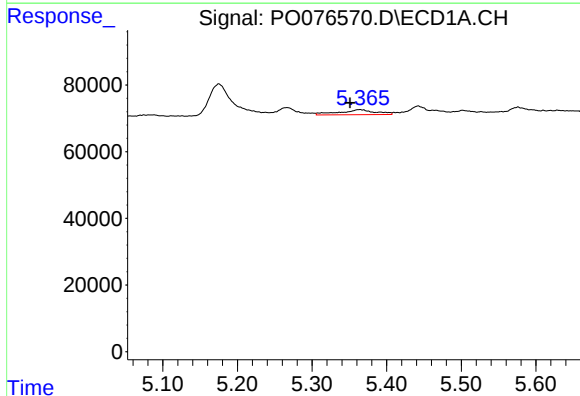
R.T.: 5.364 min  
Delta R.T.: 0.012 min  
Response: 50897  
Conc: 23.52 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



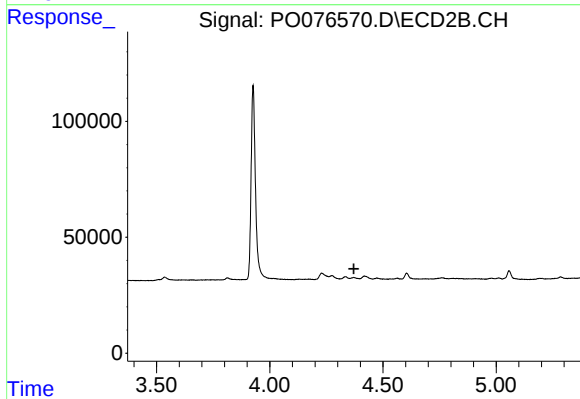
#10 AR-1221-3

R.T.: 0.000 min  
Exp R.T. : 4.373 min  
Response: 0  
Conc: N.D.



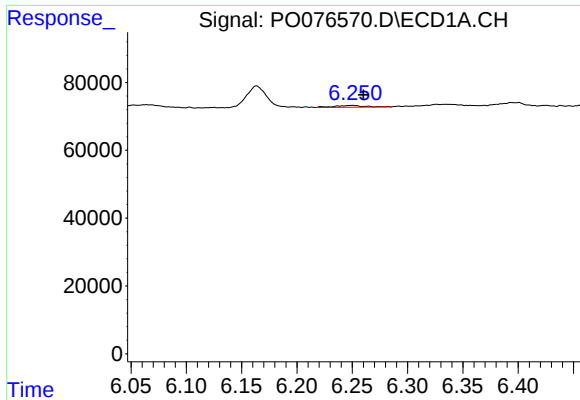
#11 AR-1232-1

R.T.: 5.364 min  
Delta R.T.: 0.013 min  
Response: 50897  
Conc: 28.77 ng/ml



#11 AR-1232-1

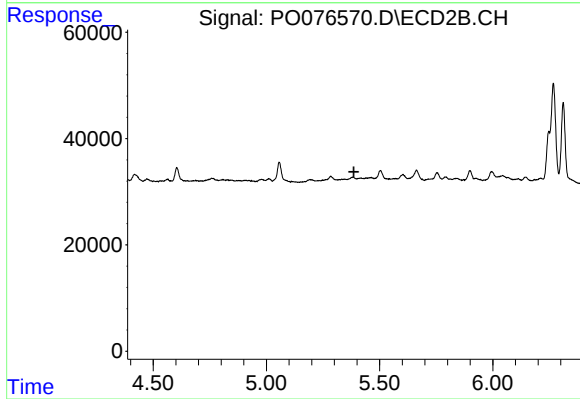
R.T.: 0.000 min  
Exp R.T. : 4.372 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

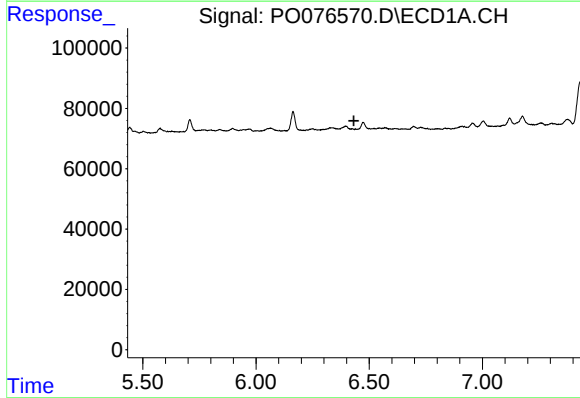
R.T.: 6.250 min  
Delta R.T.: -0.010 min  
Response: 10389  
Conc: 6.15 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



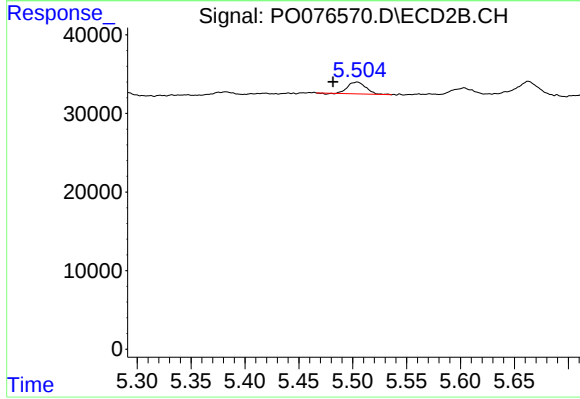
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.387 min  
Response: 0  
Conc: N.D.



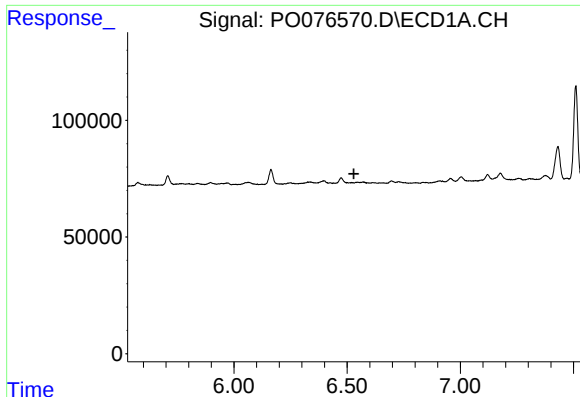
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 6.432 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

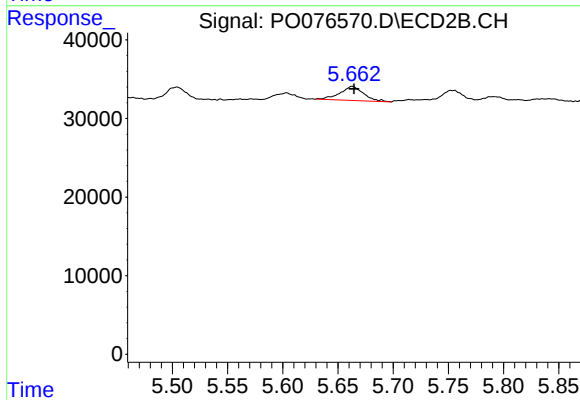
R.T.: 5.504 min  
Delta R.T.: 0.023 min  
Response: 17922  
Conc: 34.91 ng/ml



#15 AR-1232-5

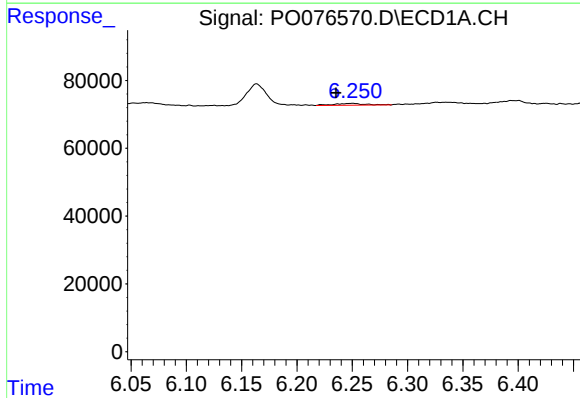
R.T.: 0.000 min  
Exp R.T.: 6.530 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



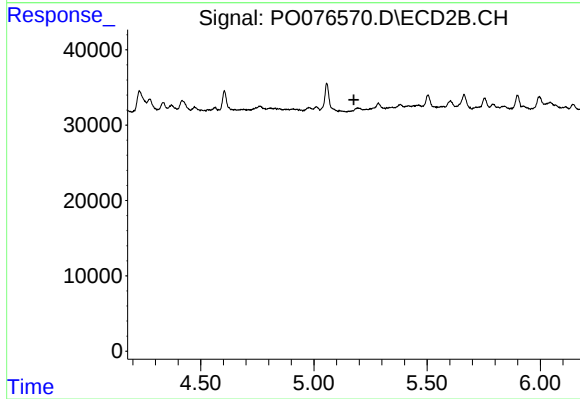
#15 AR-1232-5

R.T.: 5.663 min  
Delta R.T.: -0.002 min  
Response: 26381  
Conc: 48.36 ng/ml



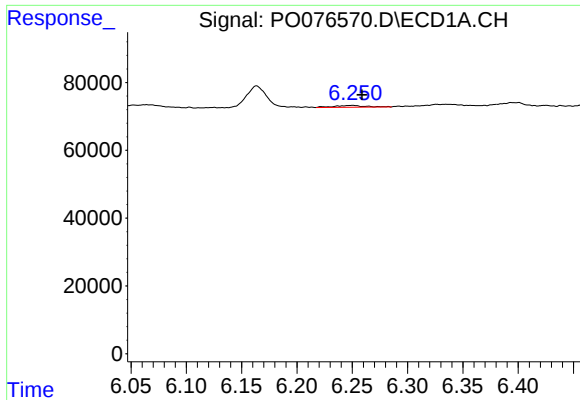
#16 AR-1242-1

R.T.: 6.250 min  
Delta R.T.: 0.015 min  
Response: 10389  
Conc: 4.65 ng/ml



#16 AR-1242-1

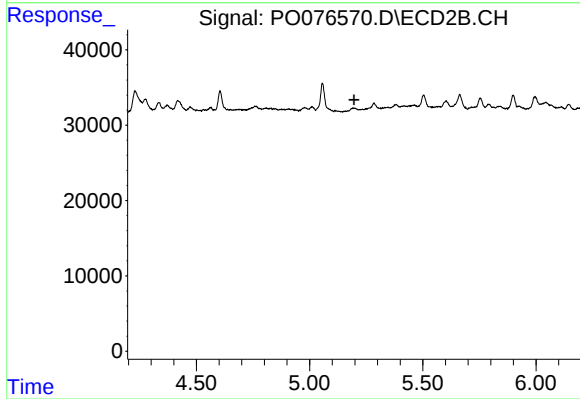
R.T.: 0.000 min  
Exp R.T.: 5.176 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

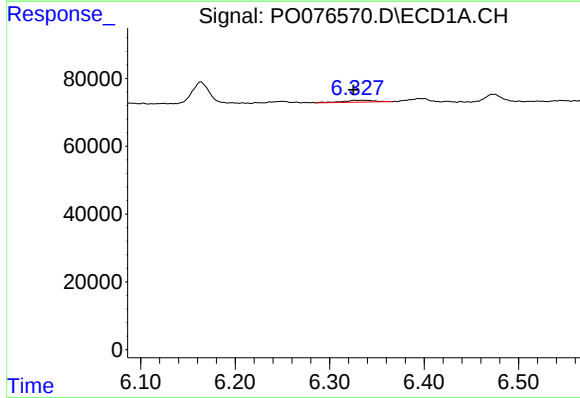
R.T.: 6.250 min  
Delta R.T.: -0.009 min  
Response: 10389  
Conc: 3.06 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



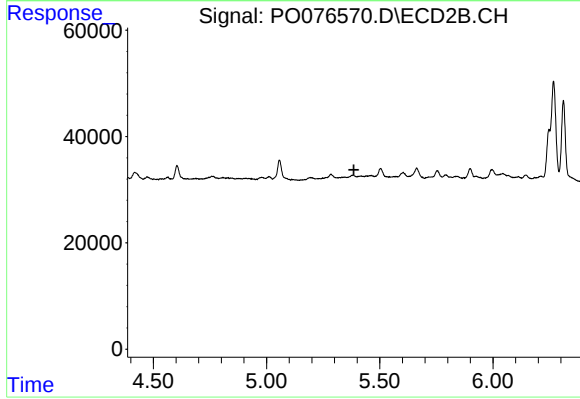
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 5.196 min  
Response: 0  
Conc: N.D.



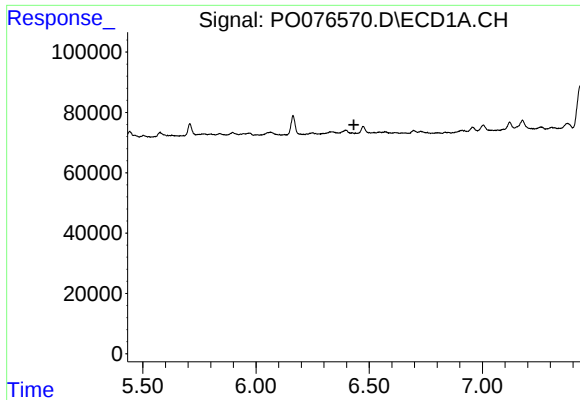
#18 AR-1242-3

R.T.: 6.336 min  
Delta R.T.: 0.011 min  
Response: 13005  
Conc: 6.44 ng/ml



#18 AR-1242-3

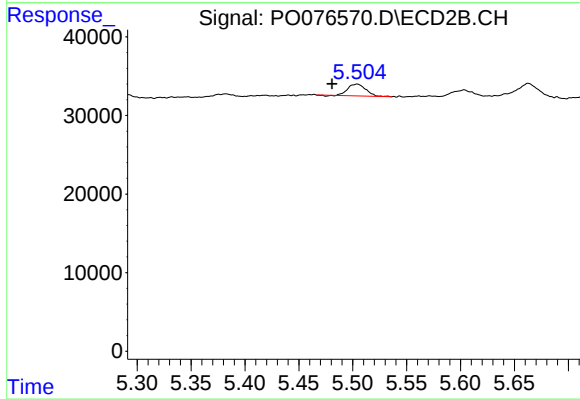
R.T.: 0.000 min  
Exp R.T. : 5.386 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

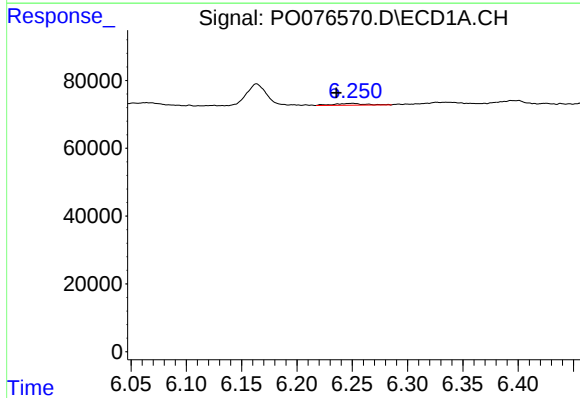
R.T.: 0.000 min  
Exp R.T.: 6.432 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



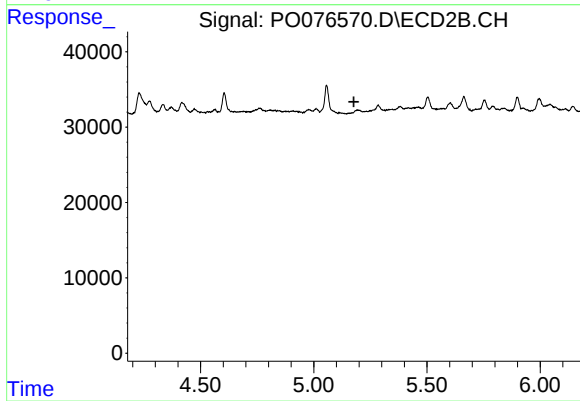
#19 AR-1242-4

R.T.: 5.504 min  
Delta R.T.: 0.023 min  
Response: 17922  
Conc: 16.18 ng/ml



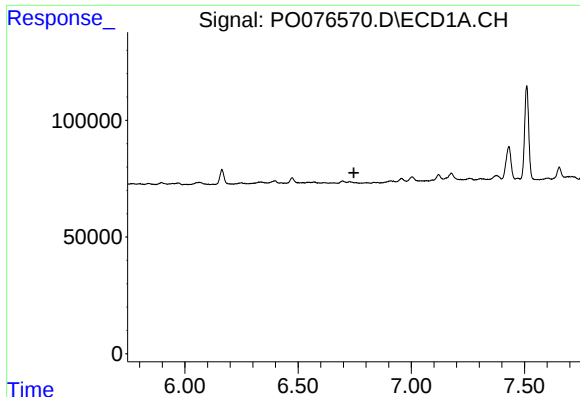
#21 AR-1248-1

R.T.: 6.250 min  
Delta R.T.: 0.014 min  
Response: 10389  
Conc: 6.28 ng/ml



#21 AR-1248-1

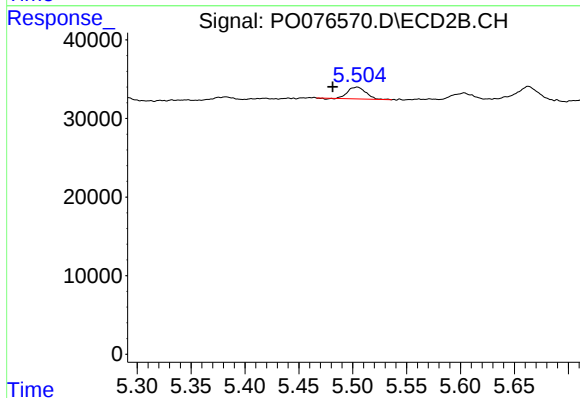
R.T.: 0.000 min  
Exp R.T.: 5.177 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

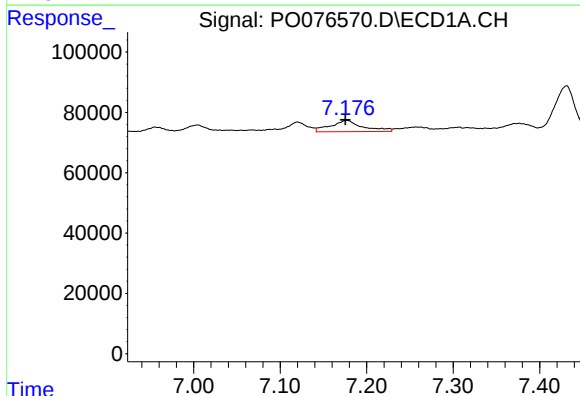
R.T.: 0.000 min  
Exp R.T.: 6.746 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



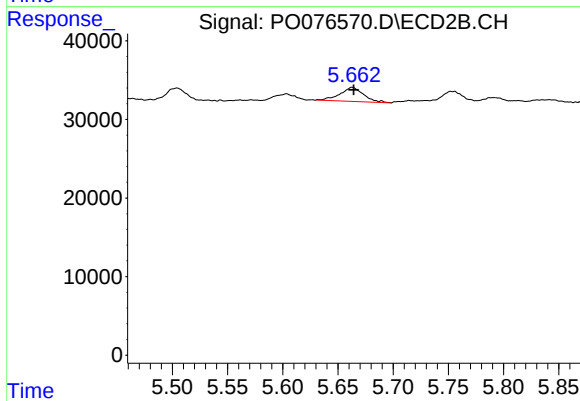
#23 AR-1248-3

R.T.: 5.504 min  
Delta R.T.: 0.023 min  
Response: 17922  
Conc: 10.86 ng/ml



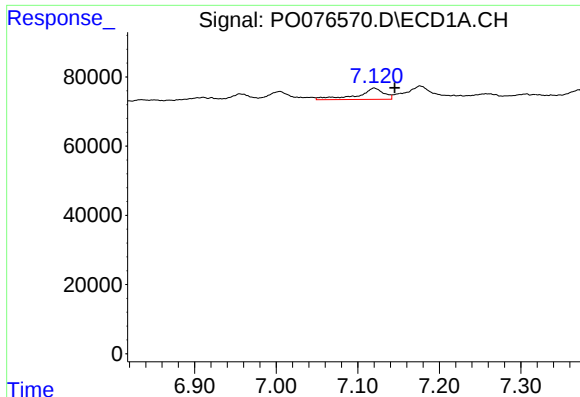
#24 AR-1248-4

R.T.: 7.177 min  
Delta R.T.: 0.002 min  
Response: 97085  
Conc: 31.09 ng/ml



#24 AR-1248-4

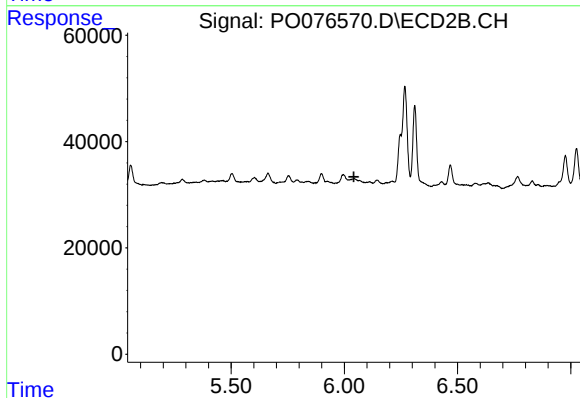
R.T.: 5.663 min  
Delta R.T.: -0.001 min  
Response: 26381  
Conc: 13.57 ng/ml



#26 AR-1254-1

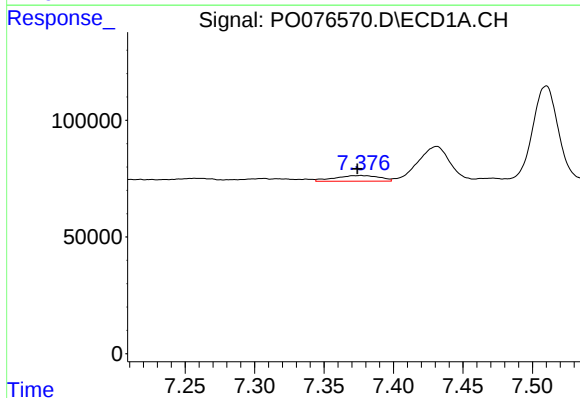
R.T.: 7.120 min  
Delta R.T.: -0.025 min  
Response: 73387  
Conc: 22.09 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



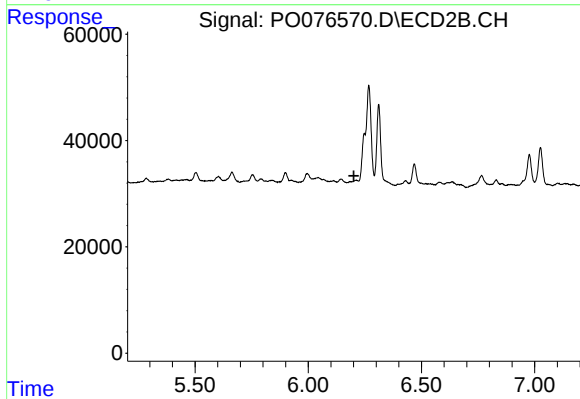
#26 AR-1254-1

R.T.: 0.000 min  
Exp R.T. : 6.042 min  
Response: 0  
Conc: N.D.



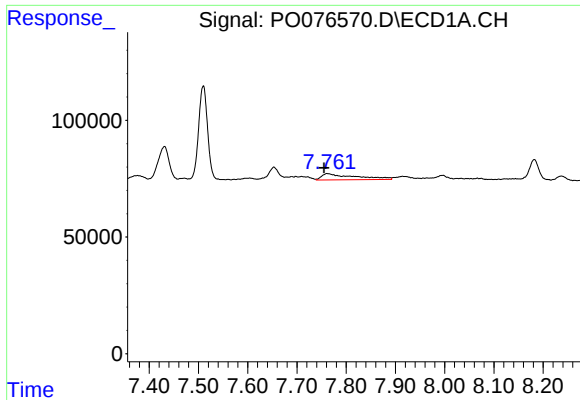
#27 AR-1254-2

R.T.: 7.376 min  
Delta R.T.: 0.002 min  
Response: 54869  
Conc: 10.66 ng/ml



#27 AR-1254-2

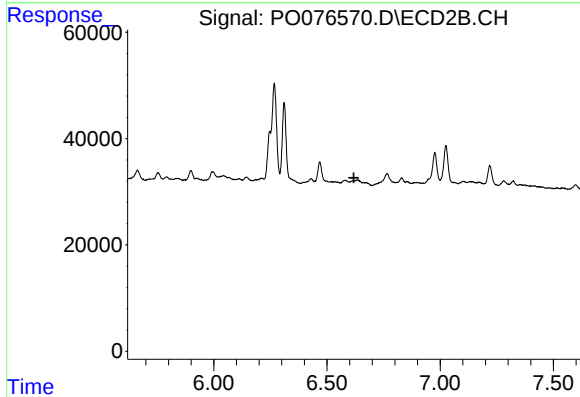
R.T.: 0.000 min  
Exp R.T. : 6.201 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

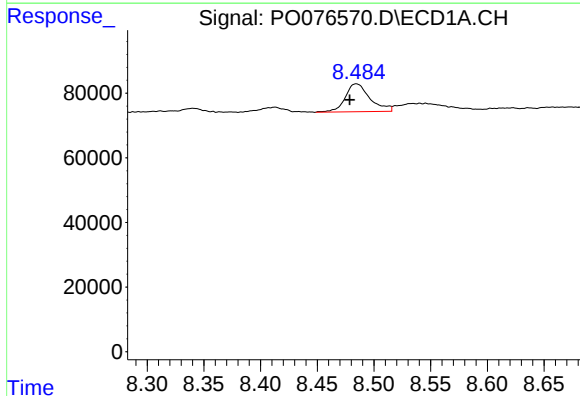
R.T.: 7.762 min  
Delta R.T.: 0.007 min  
Response: 124474  
Conc: 23.40 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



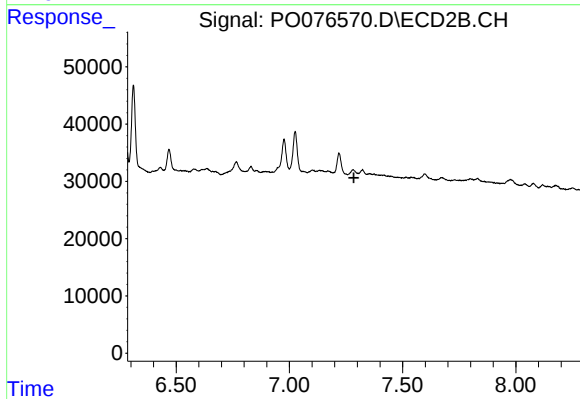
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T. : 6.619 min  
Response: 0  
Conc: N.D.



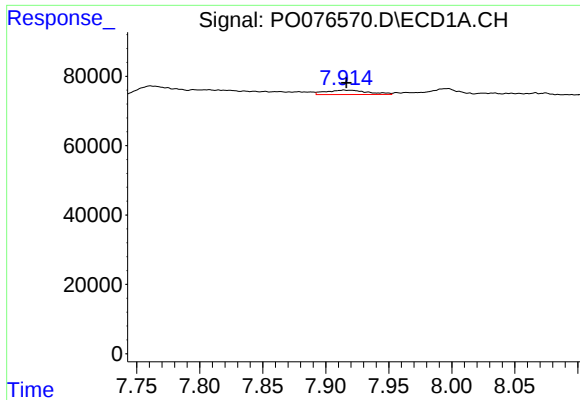
#30 AR-1254-5

R.T.: 8.485 min  
Delta R.T.: 0.006 min  
Response: 131135  
Conc: 33.45 ng/ml



#30 AR-1254-5

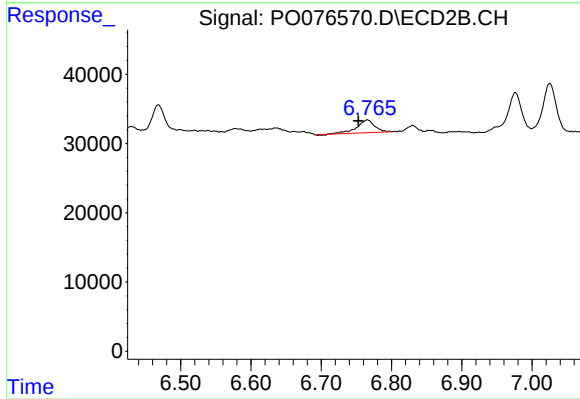
R.T.: 0.000 min  
Exp R.T. : 7.285 min  
Response: 0  
Conc: N.D.



#31 AR-1260-1

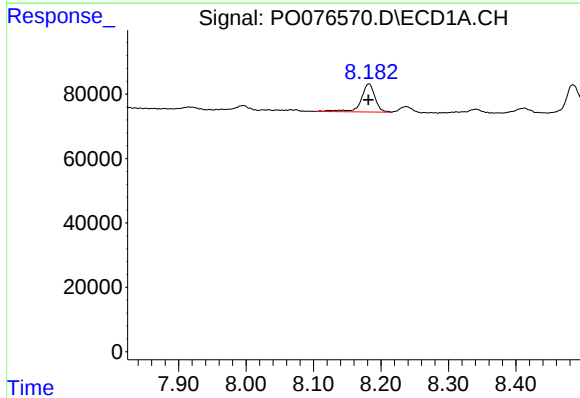
R.T.: 7.916 min  
Delta R.T.: 0.000 min  
Response: 29484  
Conc: 8.58 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



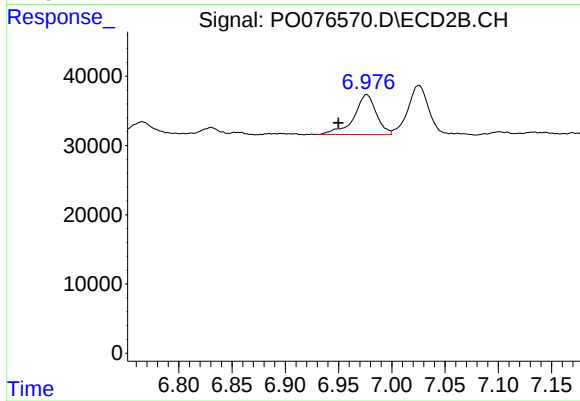
#31 AR-1260-1

R.T.: 6.766 min  
Delta R.T.: 0.013 min  
Response: 32820  
Conc: 12.81 ng/ml



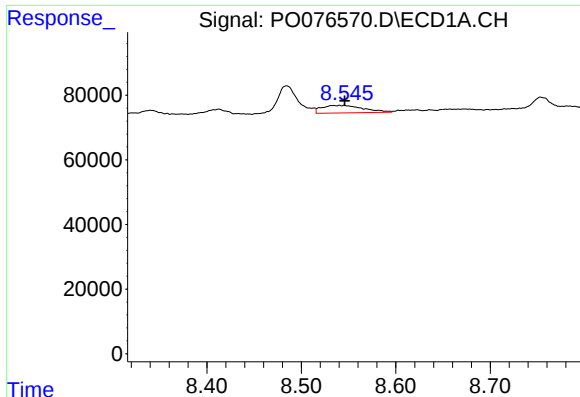
#32 AR-1260-2

R.T.: 8.182 min  
Delta R.T.: 0.000 min  
Response: 124751  
Conc: 30.77 ng/ml



#32 AR-1260-2

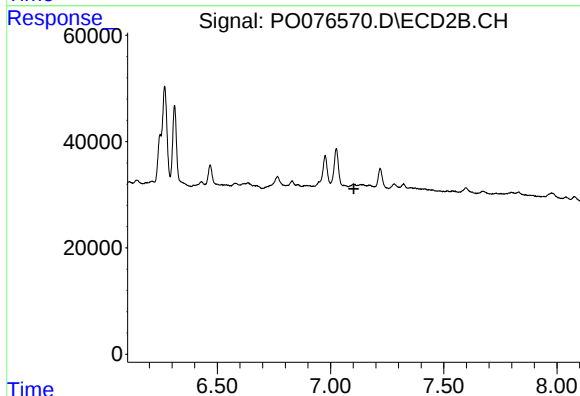
R.T.: 6.976 min  
Delta R.T.: 0.026 min  
Response: 84432  
Conc: 27.22 ng/ml



#33 AR-1260-3

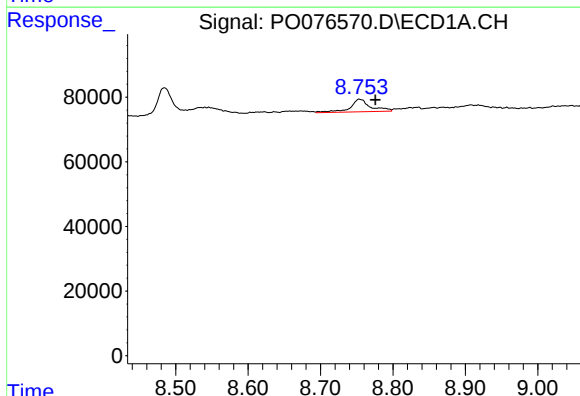
R.T.: 8.541 min  
Delta R.T.: -0.005 min  
Response: 70683  
Conc: 23.40 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



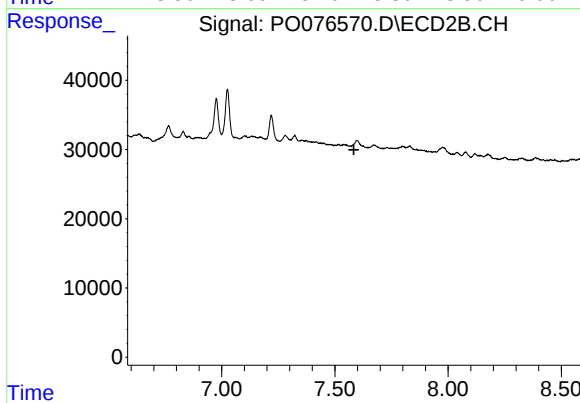
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 7.103 min  
Response: 0  
Conc: N.D.



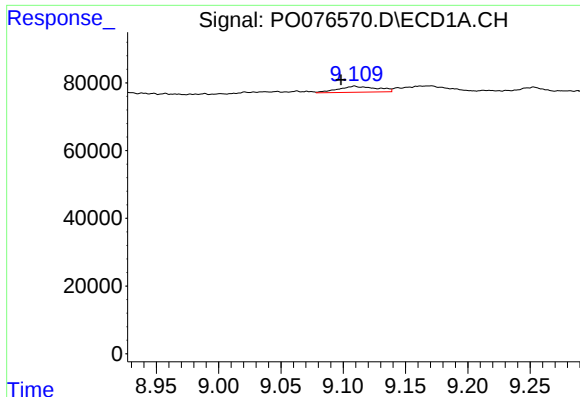
#34 AR-1260-4

R.T.: 8.754 min  
Delta R.T.: -0.022 min  
Response: 76789  
Conc: 22.04 ng/ml



#34 AR-1260-4

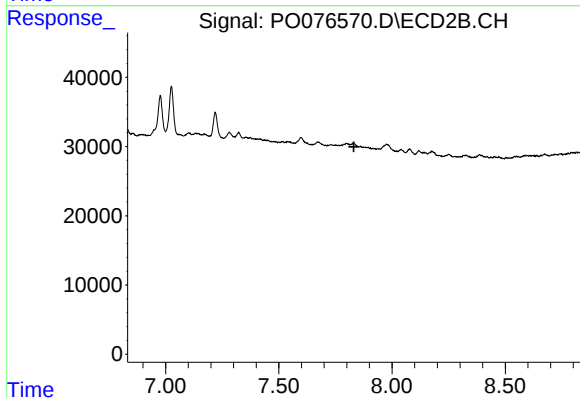
R.T.: 0.000 min  
Exp R.T. : 7.584 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

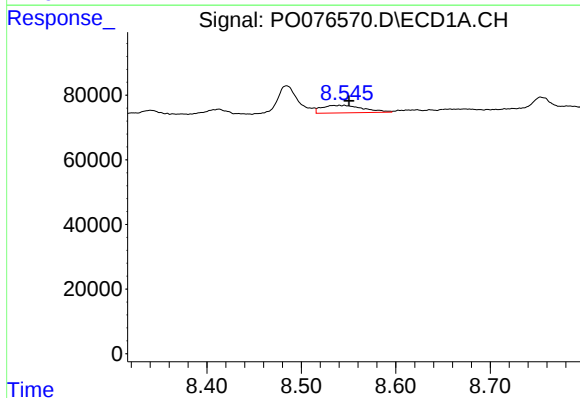
R.T.: 9.109 min  
Delta R.T.: 0.011 min  
Response: 38890  
Conc: 5.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



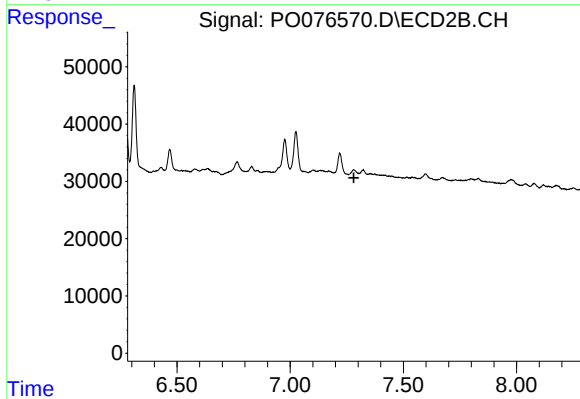
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 7.832 min  
Response: 0  
Conc: N.D.



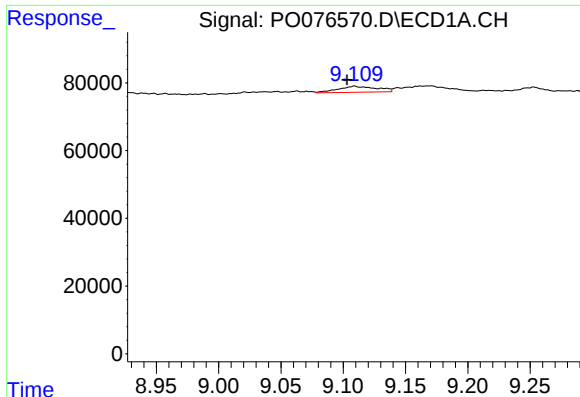
#36 AR-1262-1

R.T.: 8.541 min  
Delta R.T.: -0.009 min  
Response: 70683  
Conc: 13.66 ng/ml



#36 AR-1262-1

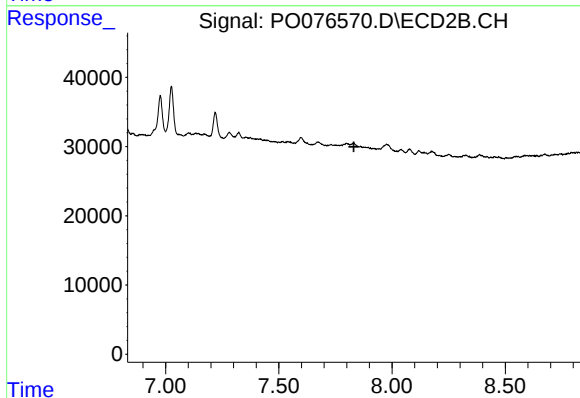
R.T.: 0.000 min  
Exp R.T. : 7.281 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

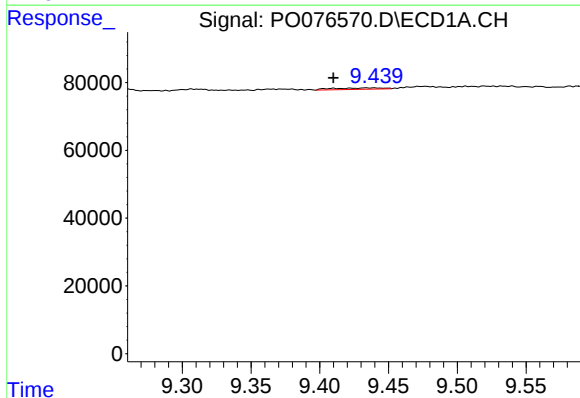
R.T.: 9.109 min  
Delta R.T.: 0.006 min  
Response: 38890  
Conc: 4.51 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



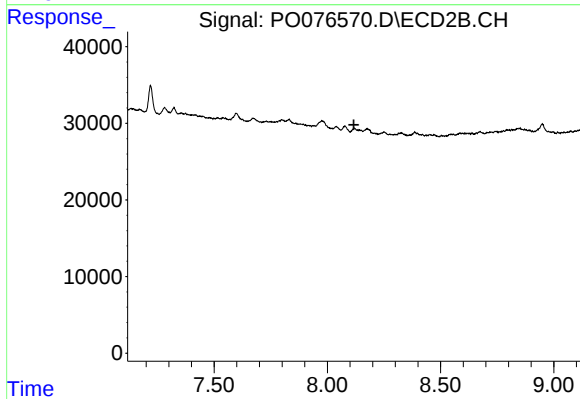
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 7.832 min  
Response: 0  
Conc: N.D.



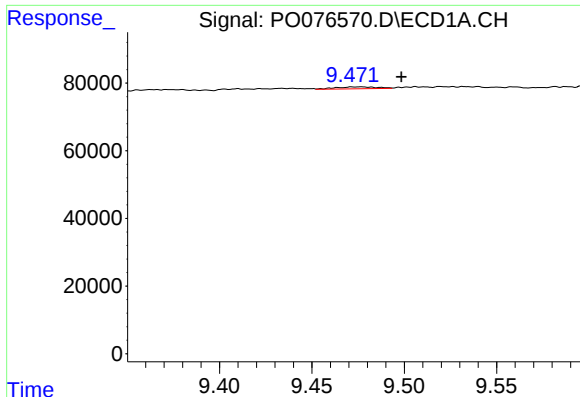
#38 AR-1262-3

R.T.: 9.436 min  
Delta R.T.: 0.026 min  
Response: 10961  
Conc: 1.93 ng/ml



#38 AR-1262-3

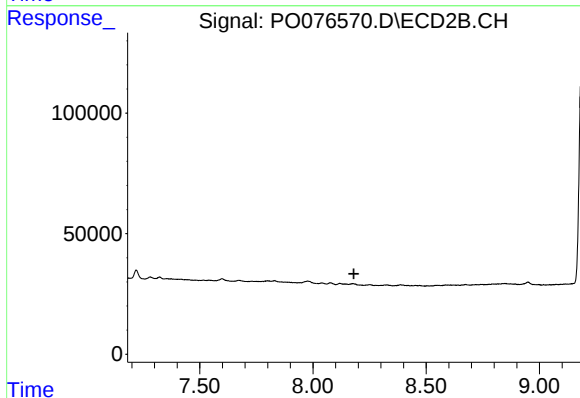
R.T.: 0.000 min  
Exp R.T. : 8.117 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

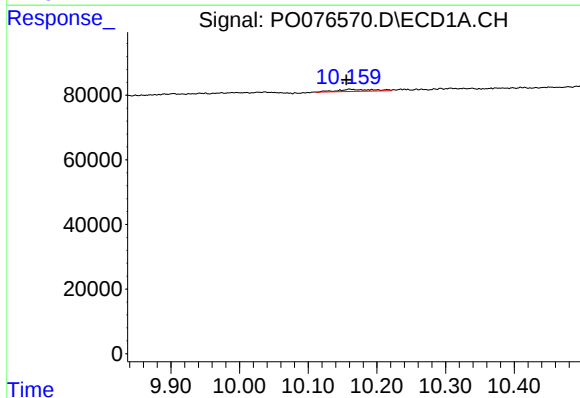
R.T.: 9.476 min  
Delta R.T.: -0.023 min  
Response: 9241  
Conc: 2.15 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



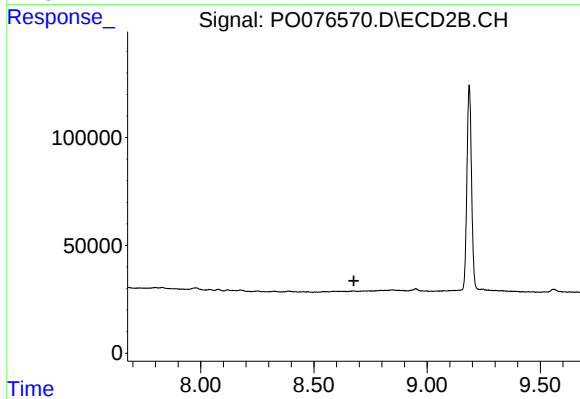
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 8.180 min  
Response: 0  
Conc: N.D.



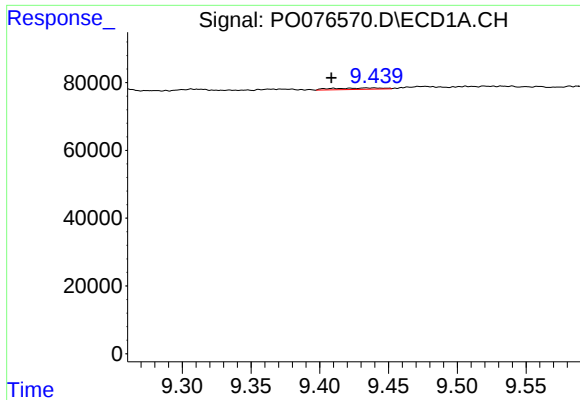
#40 AR-1262-5

R.T.: 10.161 min  
Delta R.T.: 0.005 min  
Response: 23082  
Conc: 7.94 ng/ml



#40 AR-1262-5

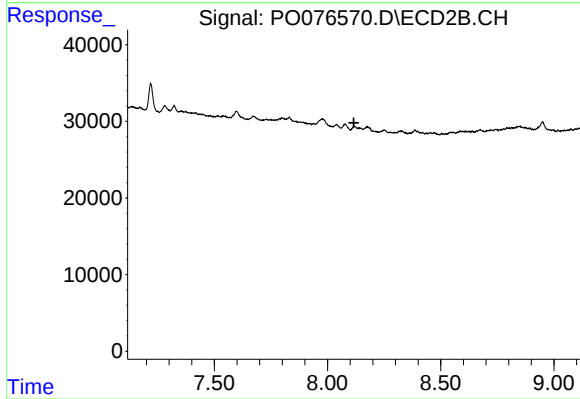
R.T.: 0.000 min  
Exp R.T. : 8.677 min  
Response: 0  
Conc: N.D.



#41 AR-1268-1

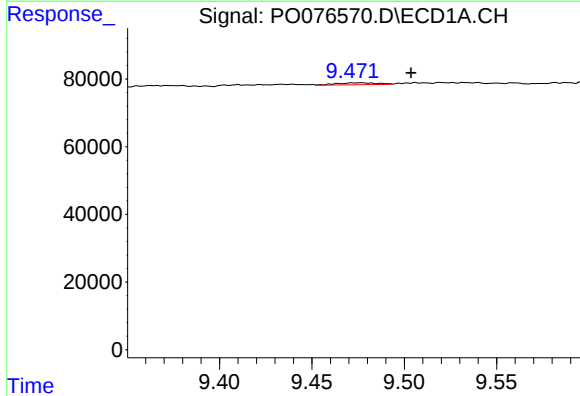
R.T.: 9.436 min  
Delta R.T.: 0.027 min  
Response: 10961  
Conc: 1.06 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



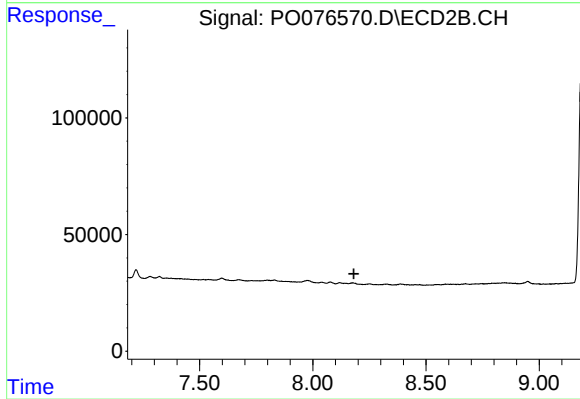
#41 AR-1268-1

R.T.: 0.000 min  
Exp R.T. : 8.117 min  
Response: 0  
Conc: N.D.



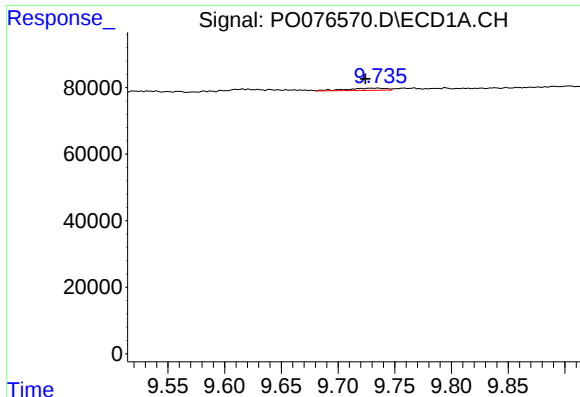
#42 AR-1268-2

R.T.: 9.476 min  
Delta R.T.: -0.028 min  
Response: 9241  
Conc: 0.99 ng/ml



#42 AR-1268-2

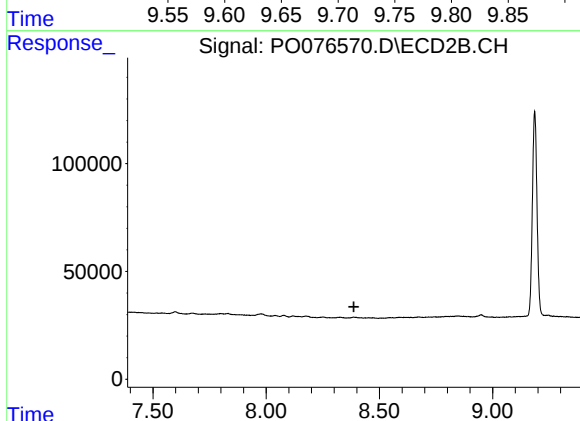
R.T.: 0.000 min  
Exp R.T. : 8.182 min  
Response: 0  
Conc: N.D.



#43 AR-1268-3

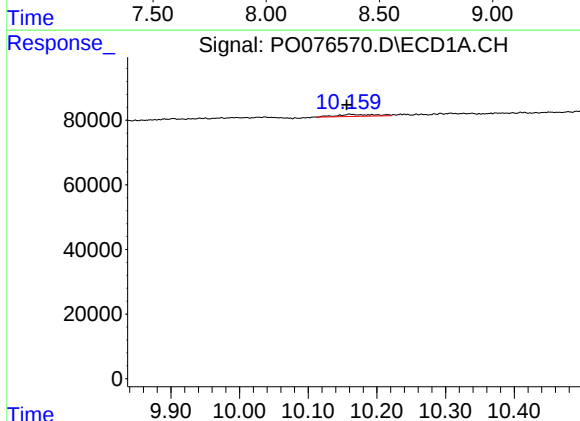
R.T.: 9.733 min  
Delta R.T.: 0.008 min  
Response: 15823  
Conc: 1.90 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



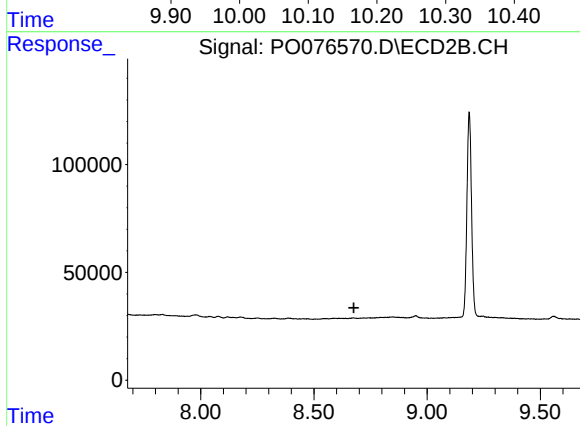
#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T. : 8.387 min  
Response: 0  
Conc: N.D.



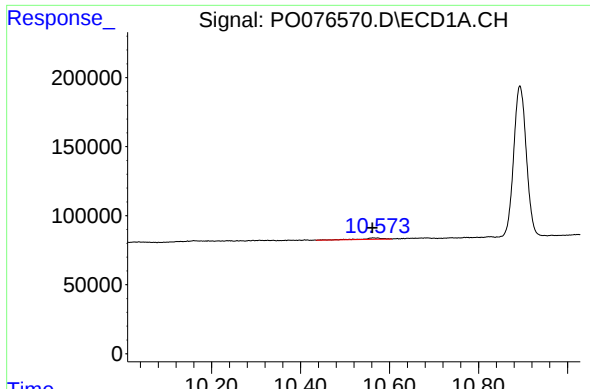
#44 AR-1268-4

R.T.: 10.161 min  
Delta R.T.: 0.005 min  
Response: 23082  
Conc: 7.10 ng/ml



#44 AR-1268-4

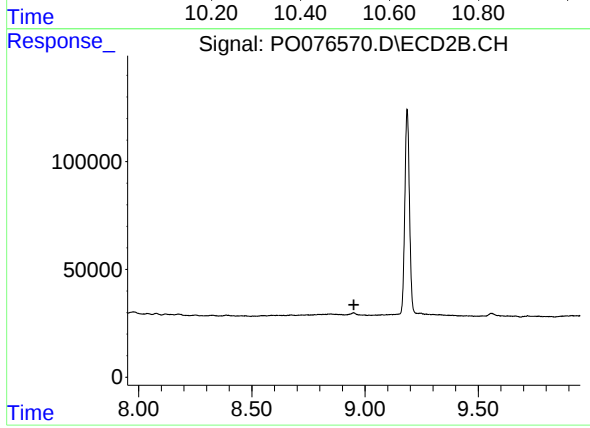
R.T.: 0.000 min  
Exp R.T. : 8.676 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 10.563 min  
Delta R.T.: 0.002 min  
Response: 32876  
Conc: 1.24 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 8.950 min  
Response: 0  
Conc: N.D.