

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO110518\  
 Data File : PO051085.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 05 Nov 2018 13:15  
 Operator : SM/SJ  
 Sample : J5810-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 05 15:41:05 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO110518.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon Nov 05 12:48:11 2018  
 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... | 4.344 | 3.340 | 6061970 | 3288580 | 16.249  | 16.221    |
| 2)                          | SA Decachlor... | 9.988 | 8.078 | 5743500 | 4481957 | 19.312  | 20.241    |
| Target Compounds            |                 |       |       |         |         |         |           |
| 3)                          | L1 AR-1016-1    | 0.000 | 4.353 | 0       | 62195   | N.D.    | 9.183 #   |
| 4)                          | L1 AR-1016-2    | 0.000 | 4.353 | 0       | 62195   | N.D.    | 5.599 #   |
| 5)                          | L1 AR-1016-3    | 0.000 | 4.533 | 0       | 59597   | N.D.    | 10.536 #  |
| 6)                          | L1 AR-1016-4    | 0.000 | 4.580 | 0       | 244203  | N.D.    | 51.870 #  |
| 7)                          | L1 AR-1016-5    | 0.000 | 4.809 | 0       | 1119194 | N.D.    | 182.138 # |
| 8)                          | L2 AR-1221-1    | 4.622 | 3.514 | 794843  | 110666  | 201.959 | 56.248 #  |
| 9)                          | L2 AR-1221-2    | 4.622 | 3.688 | 794843  | 86239   | 290.183 | 56.429 #  |
| 10)                         | L2 AR-1221-3    | 4.730 | 3.712 | 1069311 | 404969  | 118.671 | 79.643 #  |
| 11)                         | L3 AR-1232-1    | 4.730 | 3.712 | 1069311 | 404969  | 149.624 | 105.017 # |
| 12)                         | L3 AR-1232-2    | 0.000 | 4.353 | 0       | 62195   | N.D.    | 12.667 #  |
| 13)                         | L3 AR-1232-3    | 0.000 | 4.533 | 0       | 59597   | N.D.    | 25.071 #  |
| 14)                         | L3 AR-1232-4    | 0.000 | 4.608 | 0       | 359929  | N.D.    | 181.001 # |
| 15)                         | L3 AR-1232-5    | 0.000 | 4.809 | 0       | 1119194 | N.D.    | 493.086 # |
| 16)                         | L4 AR-1242-1    | 0.000 | 4.353 | 0       | 62195   | N.D.    | 10.806 #  |
| 17)                         | L4 AR-1242-2    | 0.000 | 4.353 | 0       | 62195   | N.D.    | 6.413 #   |
| 18)                         | L4 AR-1242-3    | 0.000 | 4.533 | 0       | 59597   | N.D.    | 12.159 #  |
| 19)                         | L4 AR-1242-4    | 0.000 | 4.608 | 0       | 359929  | N.D.    | 75.075 #  |
| 20)                         | L4 AR-1242-5    | 0.000 | 5.132 | 0       | 821663  | N.D.    | 127.554 # |
| 21)                         | L5 AR-1248-1    | 0.000 | 4.353 | 0       | 62195   | N.D.    | 12.213 #  |
| 22)                         | L5 AR-1248-2    | 0.000 | 4.580 | 0       | 244203  | N.D.    | 39.199 #  |
| 23)                         | L5 AR-1248-3    | 0.000 | 4.608 | 0       | 359929  | N.D.    | 58.269 #  |
| 24)                         | L5 AR-1248-4    | 6.357 | 4.809 | 500183  | 1119194 | 40.779  | 155.132 # |
| 25)                         | L5 AR-1248-5    | 0.000 | 5.178 | 0       | 27563   | N.D.    | 3.527 #   |
| 26)                         | L6 AR-1254-1    | 6.357 | 5.132 | 500183  | 821663  | 36.303  | 58.723 #  |
| 27)                         | L6 AR-1254-2    | 0.000 | 5.289 | 0       | 261606  | N.D.    | 20.977 #  |
| 28)                         | L6 AR-1254-3    | 0.000 | 5.637 | 0       | 121031  | N.D.    | 5.991 #   |
| 29)                         | L6 AR-1254-4    | 0.000 | 5.878 | 0       | 246288  | N.D.    | 18.264 #  |
| 30)                         | L6 AR-1254-5    | 0.000 | 6.311 | 0       | 140305  | N.D.    | 7.145 #   |
| 31)                         | L7 AR-1260-1    | 0.000 | 5.744 | 0       | 309993  | N.D.    | 23.219 #  |
| 32)                         | L7 AR-1260-2    | 0.000 | 5.924 | 0       | 504784  | N.D.    | 27.211 #  |
| 33)                         | L7 AR-1260-3    | 0.000 | 6.085 | 0       | 457302  | N.D.    | 29.537 #  |
| 35)                         | L7 AR-1260-5    | 0.000 | 6.770 | 0       | 3467    | N.D.    | 0.117 #   |
| 36)                         | L8 AR-1262-1    | 0.000 | 6.311 | 0       | 140305  | N.D.    | 5.705 #   |
| 37)                         | L8 AR-1262-2    | 0.000 | 6.770 | 0       | 3467    | N.D.    | 0.089 #   |
| 38)                         | L8 AR-1262-3    | 0.000 | 7.082 | 0       | 660246  | N.D.    | 40.868 #  |
| 39)                         | L8 AR-1262-4    | 0.000 | 7.128 | 0       | 90773   | N.D.    | 3.325 #   |
| 41)                         | L9 AR-1268-1    | 0.000 | 7.082 | 0       | 660246  | N.D.    | 12.879 #  |
| 42)                         | L9 AR-1268-2    | 0.000 | 7.128 | 0       | 90773   | N.D.    | 2.071 #   |
| 43)                         | L9 AR-1268-3    | 0.000 | 7.368 | 0       | 127075  | N.D.    | 3.233 #   |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO110518\  
Data File : PO051085.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 05 Nov 2018 13:15  
Operator : SM/SJ  
Sample : J5810-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :

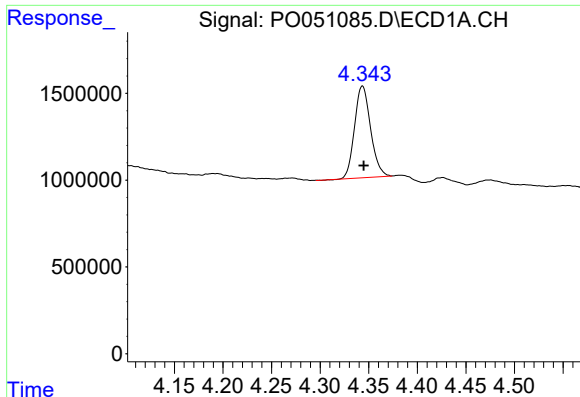
Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 05 15:41:05 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO110518.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon Nov 05 12:48:11 2018  
Response via : Initial Calibration  
Integrator: 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.

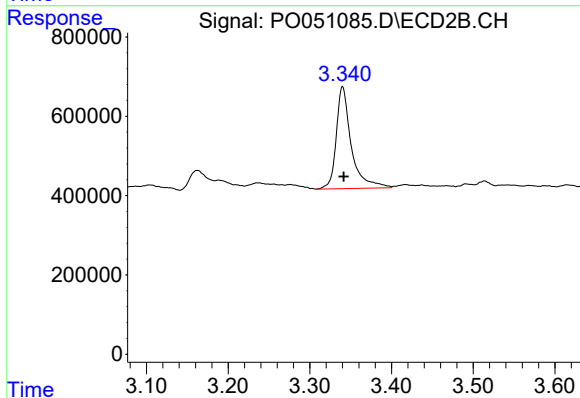




#1 Tetrachloro-m-xylene

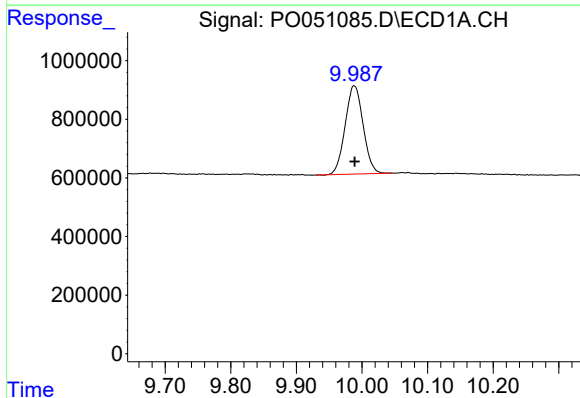
R.T.: 4.344 min  
Delta R.T.: -0.001 min  
Response: 6061970  
Conc: 16.25 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



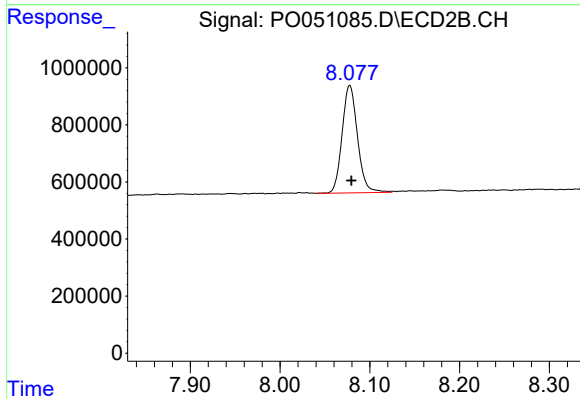
#1 Tetrachloro-m-xylene

R.T.: 3.340 min  
Delta R.T.: -0.001 min  
Response: 3288580  
Conc: 16.22 ng/ml



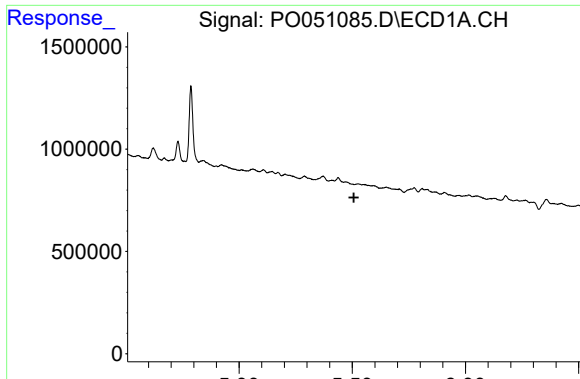
#2 Decachlorobiphenyl

R.T.: 9.988 min  
Delta R.T.: -0.001 min  
Response: 5743500  
Conc: 19.31 ng/ml



#2 Decachlorobiphenyl

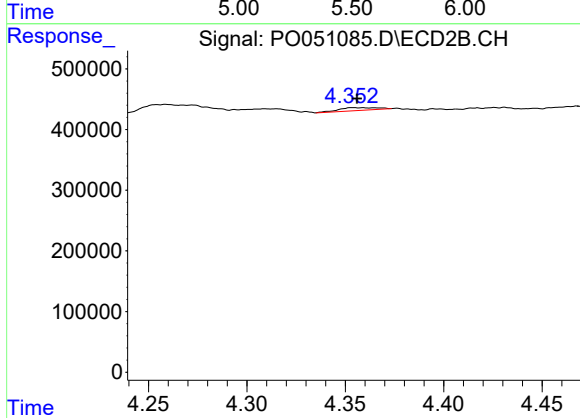
R.T.: 8.078 min  
Delta R.T.: -0.002 min  
Response: 4481957  
Conc: 20.24 ng/ml



#3 AR-1016-1

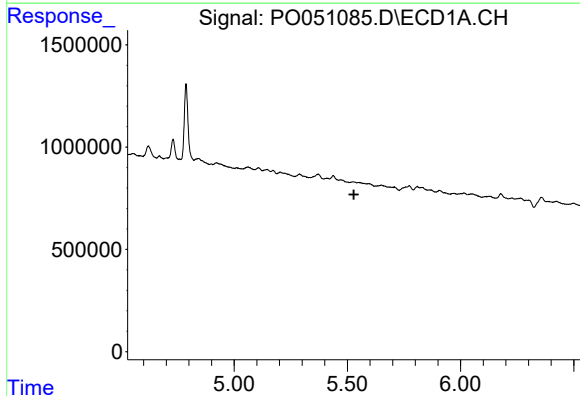
R.T.: 0.000 min  
Exp R.T.: 5.507 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



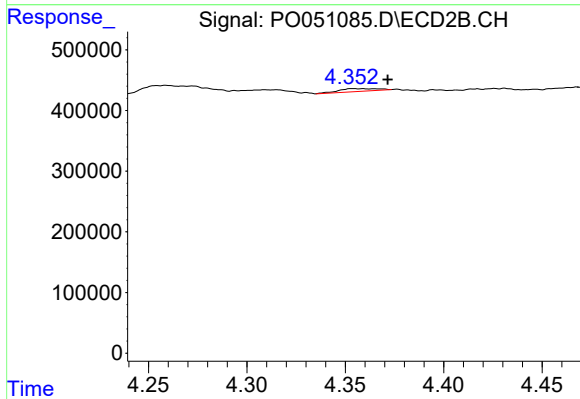
#3 AR-1016-1

R.T.: 4.353 min  
Delta R.T.: -0.002 min  
Response: 62195  
Conc: 9.18 ng/ml



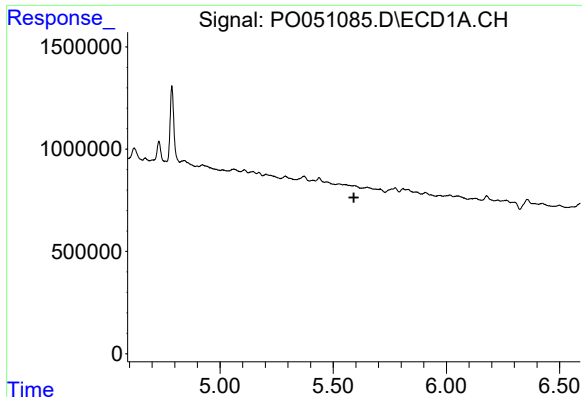
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.529 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

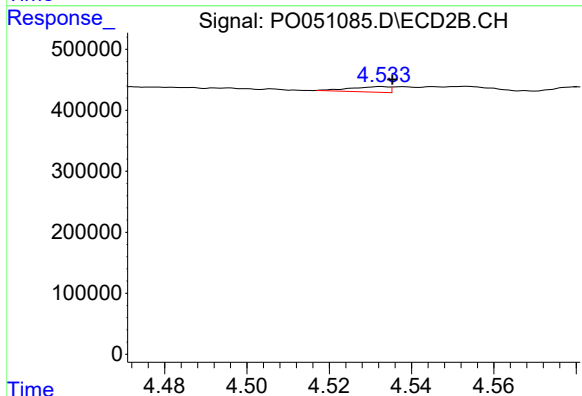
R.T.: 4.353 min  
Delta R.T.: -0.018 min  
Response: 62195  
Conc: 5.60 ng/ml



#5 AR-1016-3

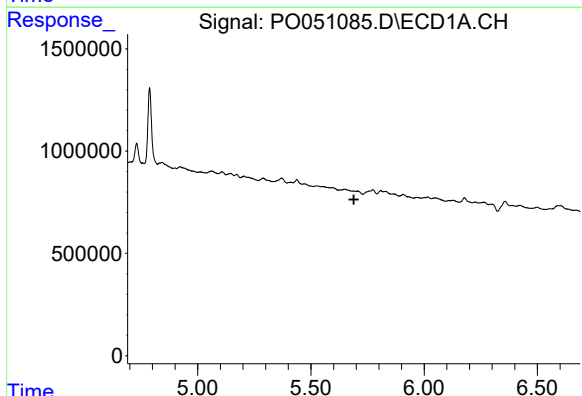
R.T.: 0.000 min  
Exp R.T.: 5.591 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



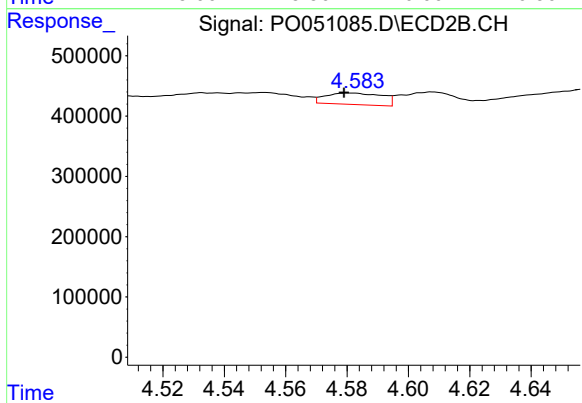
#5 AR-1016-3

R.T.: 4.533 min  
Delta R.T.: -0.003 min  
Response: 59597  
Conc: 10.54 ng/ml



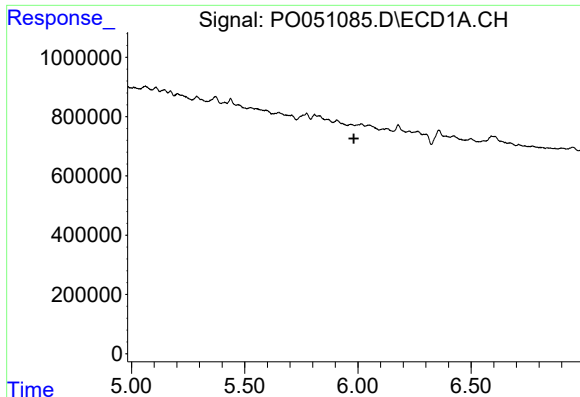
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 5.689 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

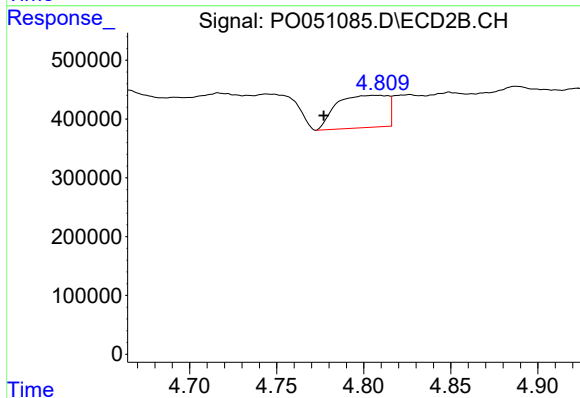
R.T.: 4.580 min  
Delta R.T.: 0.001 min  
Response: 244203  
Conc: 51.87 ng/ml



#7 AR-1016-5

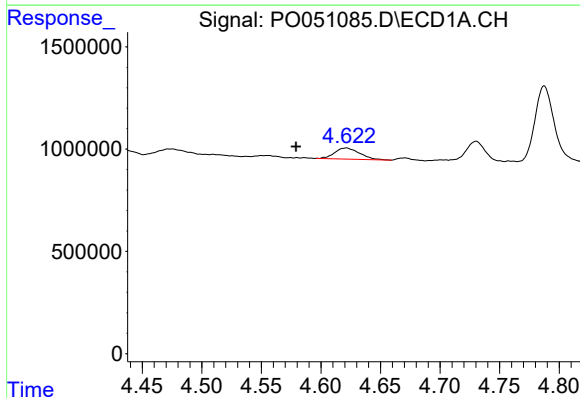
R.T.: 0.000 min  
Exp R.T.: 5.982 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



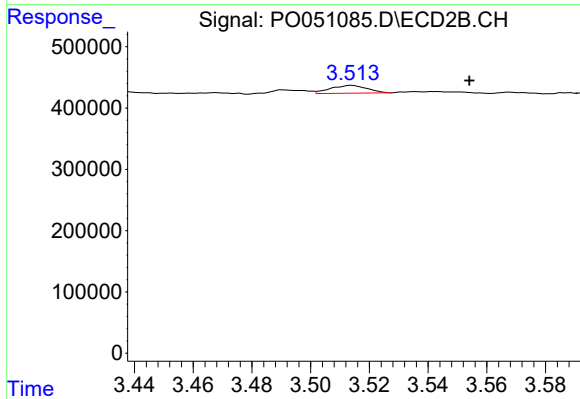
#7 AR-1016-5

R.T.: 4.809 min  
Delta R.T.: 0.032 min  
Response: 1119194  
Conc: 182.14 ng/ml



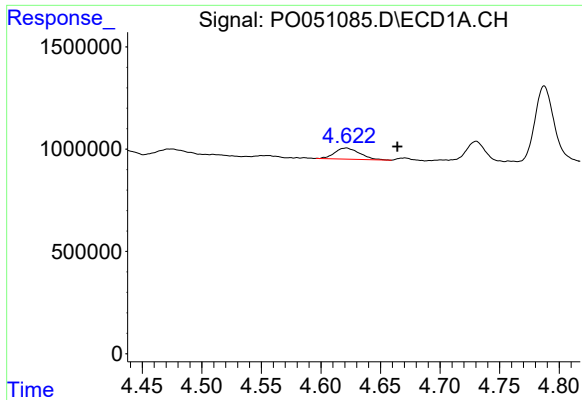
#8 AR-1221-1

R.T.: 4.622 min  
Delta R.T.: 0.042 min  
Response: 794843  
Conc: 201.96 ng/ml



#8 AR-1221-1

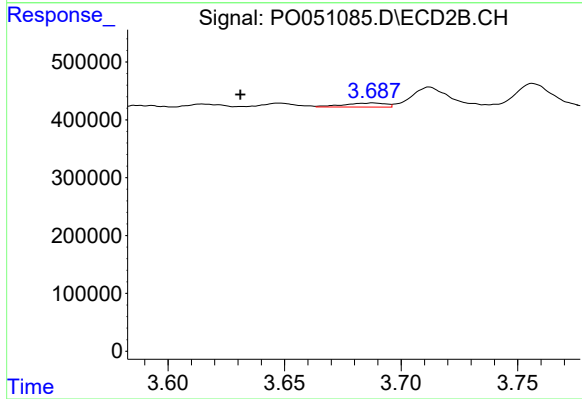
R.T.: 3.514 min  
Delta R.T.: -0.040 min  
Response: 110666  
Conc: 56.25 ng/ml



#9 AR-1221-2

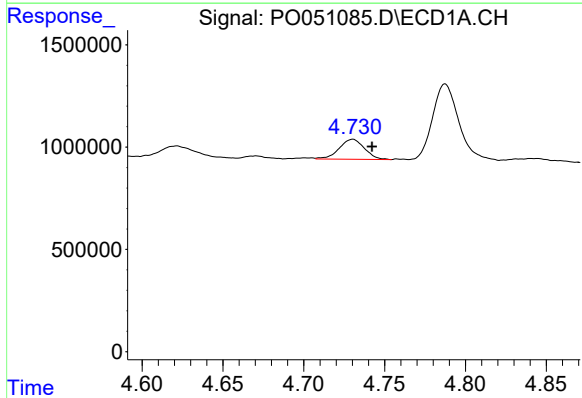
R.T.: 4.622 min  
Delta R.T.: -0.043 min  
Response: 794843  
Conc: 290.18 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



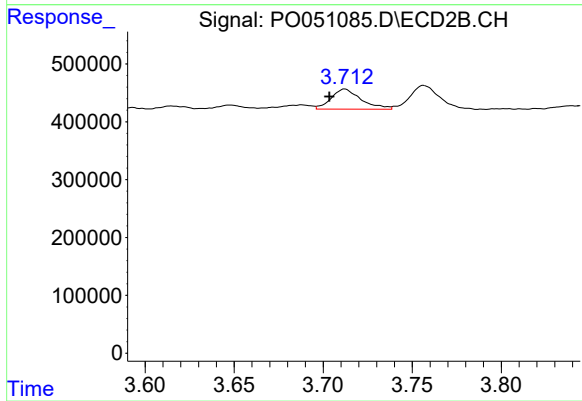
#9 AR-1221-2

R.T.: 3.688 min  
Delta R.T.: 0.057 min  
Response: 86239  
Conc: 56.43 ng/ml



#10 AR-1221-3

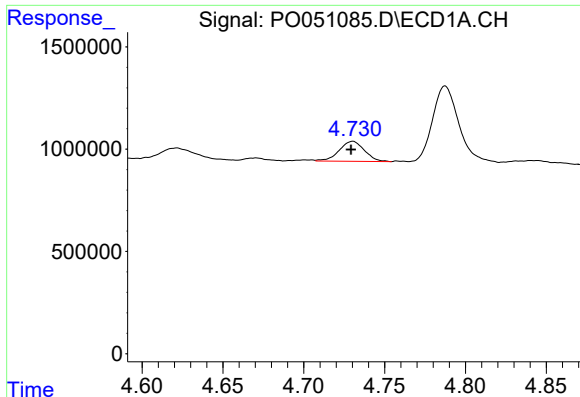
R.T.: 4.730 min  
Delta R.T.: -0.012 min  
Response: 1069311  
Conc: 118.67 ng/ml



#10 AR-1221-3

R.T.: 3.712 min  
Delta R.T.: 0.009 min  
Response: 404969  
Conc: 79.64 ng/ml

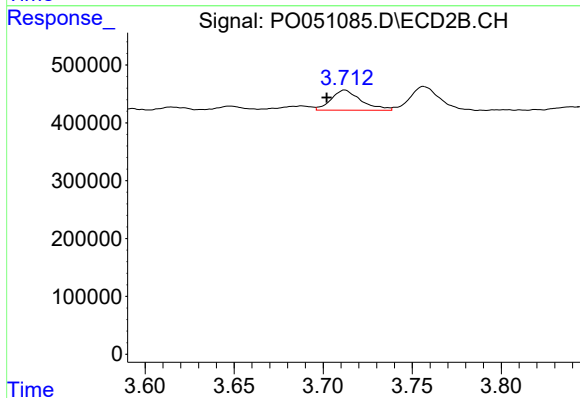




#11 AR-1232-1

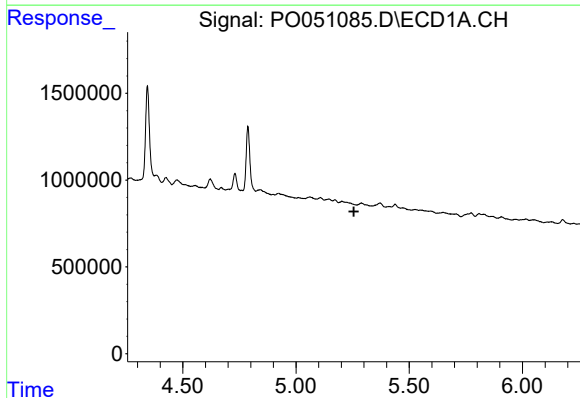
R.T.: 4.730 min  
Delta R.T.: 0.001 min  
Response: 1069311  
Conc: 149.62 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



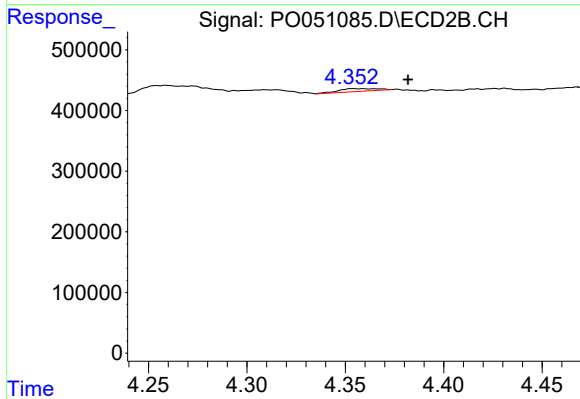
#11 AR-1232-1

R.T.: 3.712 min  
Delta R.T.: 0.010 min  
Response: 404969  
Conc: 105.02 ng/ml



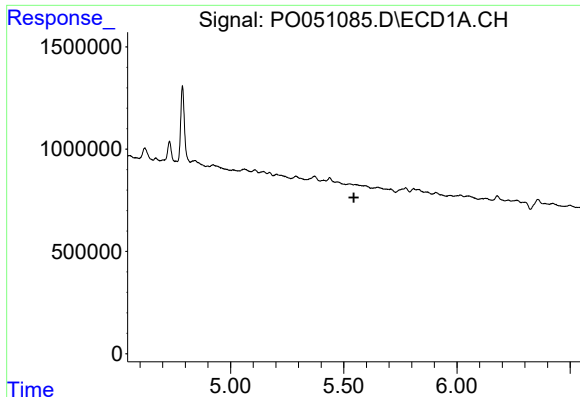
#12 AR-1232-2

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



#12 AR-1232-2

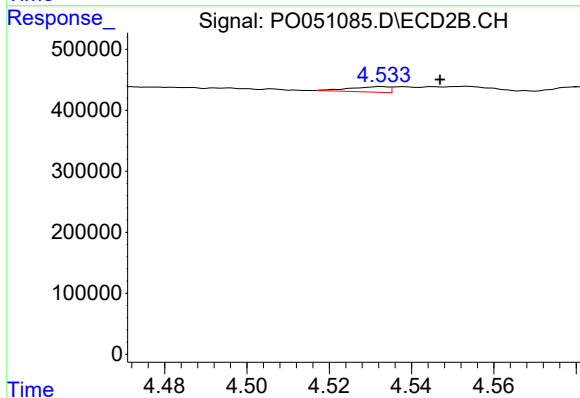
R.T.: 4.353 min  
Delta R.T.: -0.028 min  
Response: 62195  
Conc: 12.67 ng/ml



#13 AR-1232-3

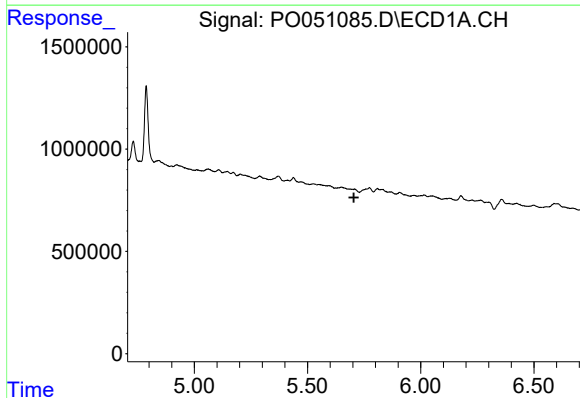
R.T.: 0.000 min  
Exp R.T.: 5.545 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



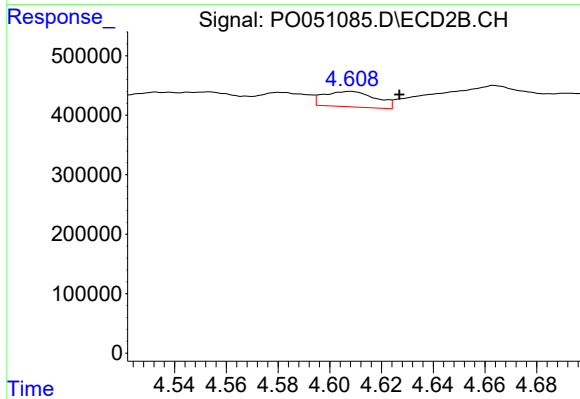
#13 AR-1232-3

R.T.: 4.533 min  
Delta R.T.: -0.014 min  
Response: 59597  
Conc: 25.07 ng/ml



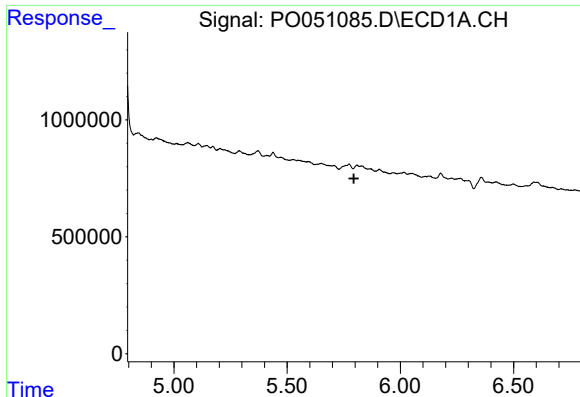
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T.: 5.705 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

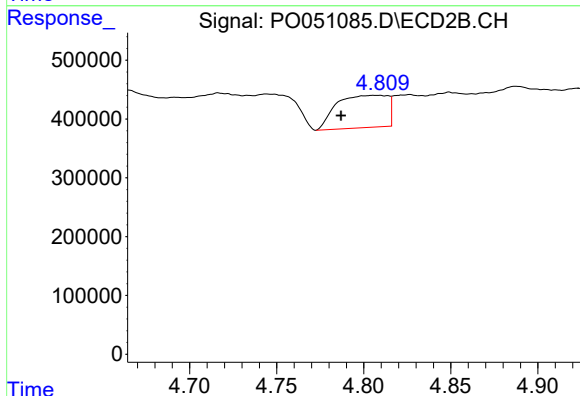
R.T.: 4.608 min  
Delta R.T.: -0.019 min  
Response: 359929  
Conc: 181.00 ng/ml



#15 AR-1232-5

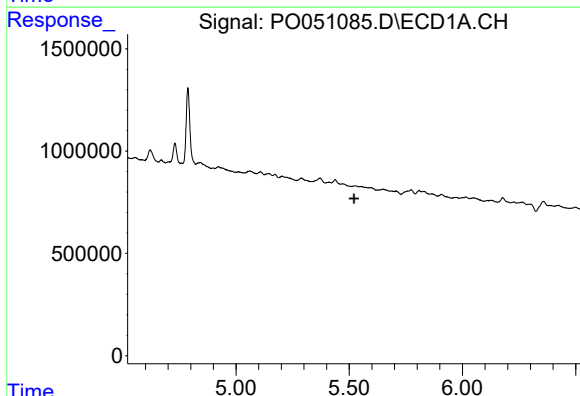
R.T.: 0.000 min  
Exp R.T. : 5.794 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



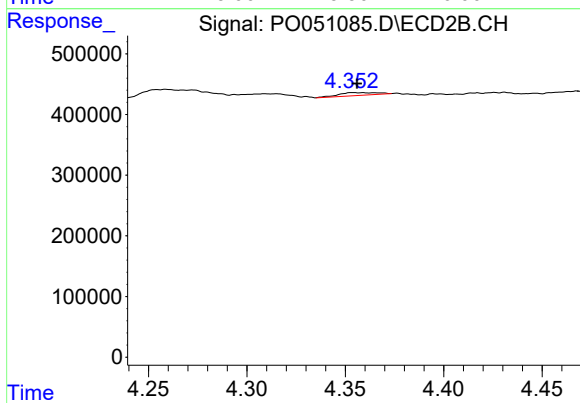
#15 AR-1232-5

R.T.: 4.809 min  
Delta R.T.: 0.022 min  
Response: 1119194  
Conc: 493.09 ng/ml



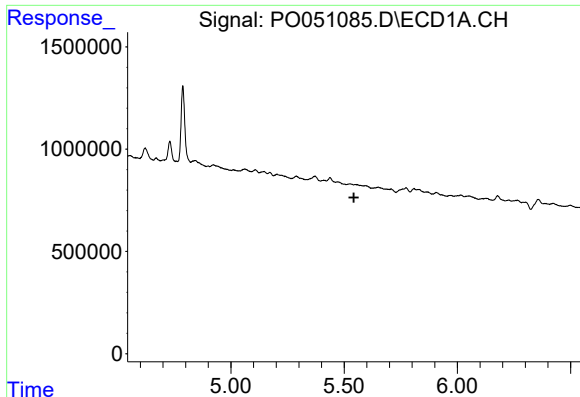
#16 AR-1242-1

R.T.: 0.000 min  
Exp R.T. : 5.521 min  
Response: 0  
Conc: N.D.



#16 AR-1242-1

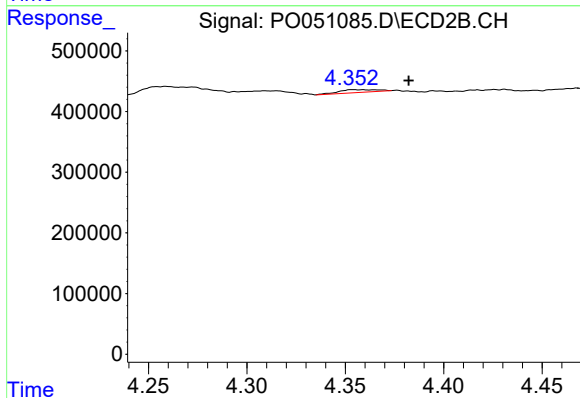
R.T.: 4.353 min  
Delta R.T.: -0.003 min  
Response: 62195  
Conc: 10.81 ng/ml



#17 AR-1242-2

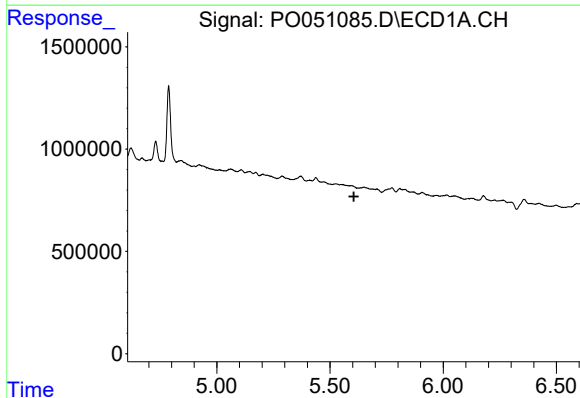
R.T.: 0.000 min  
Exp R.T.: 5.543 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



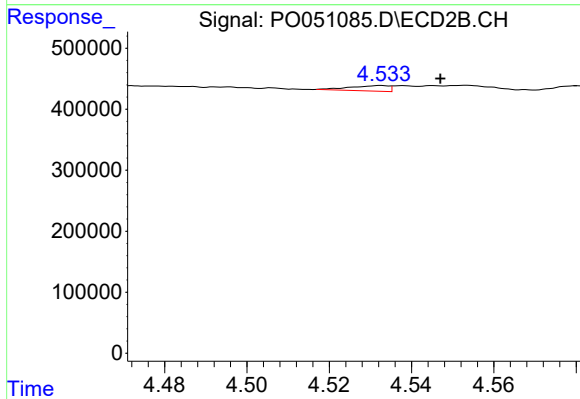
#17 AR-1242-2

R.T.: 4.353 min  
Delta R.T.: -0.029 min  
Response: 62195  
Conc: 6.41 ng/ml



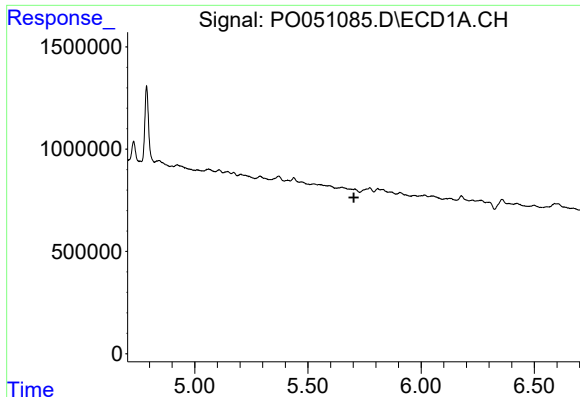
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T.: 5.605 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

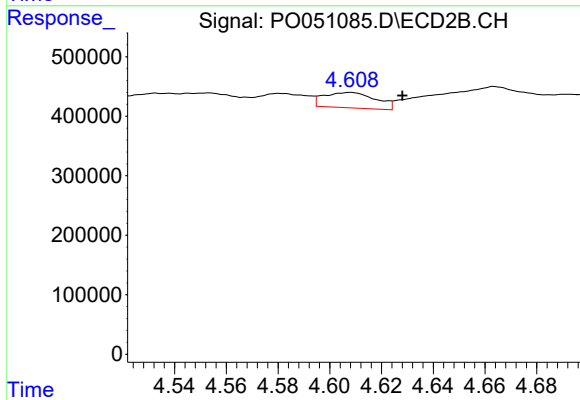
R.T.: 4.533 min  
Delta R.T.: -0.014 min  
Response: 59597  
Conc: 12.16 ng/ml



#19 AR-1242-4

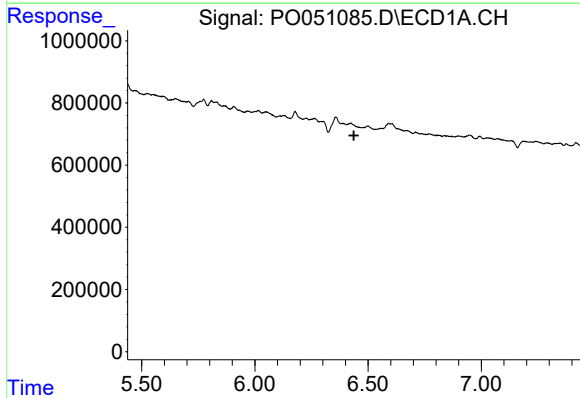
R.T.: 0.000 min  
Exp R.T. : 5.703 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



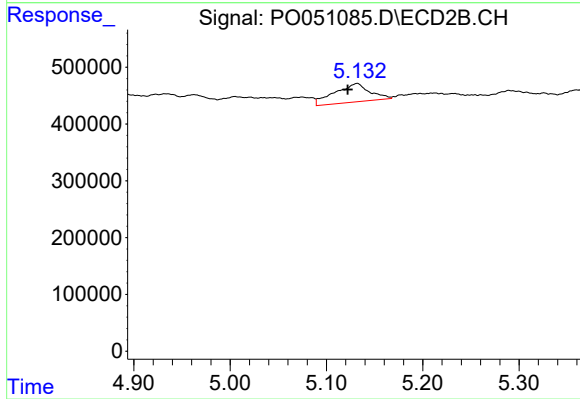
#19 AR-1242-4

R.T.: 4.608 min  
Delta R.T.: -0.020 min  
Response: 359929  
Conc: 75.08 ng/ml



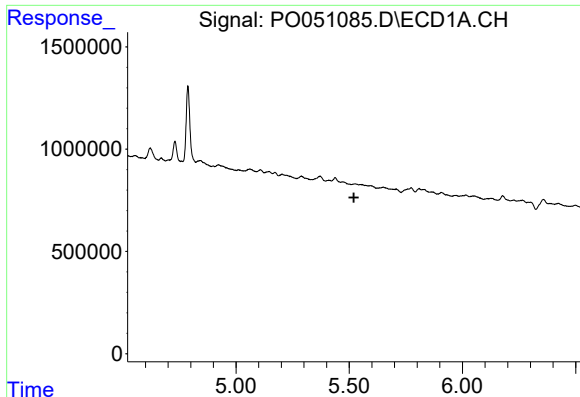
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T. : 6.437 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

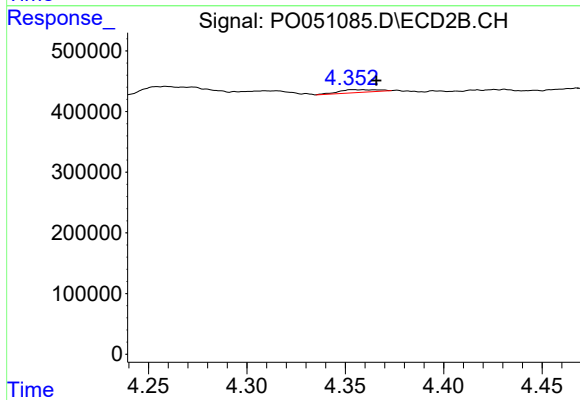
R.T.: 5.132 min  
Delta R.T.: 0.010 min  
Response: 821663  
Conc: 127.55 ng/ml



#21 AR-1248-1

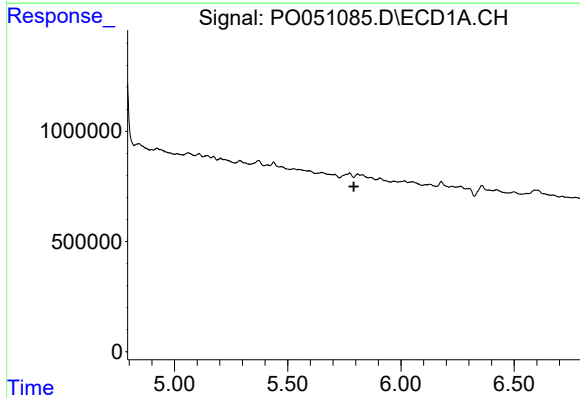
R.T.: 0.000 min  
Exp R.T. : 5.521 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



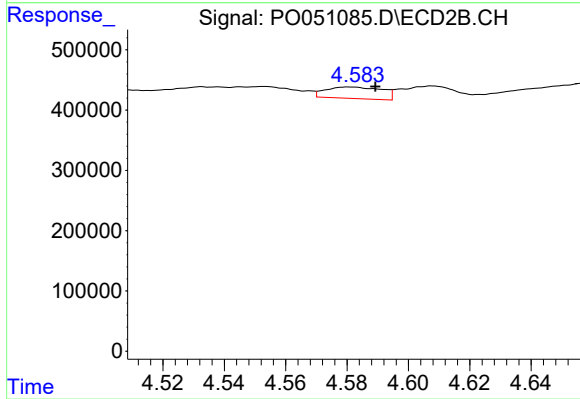
#21 AR-1248-1

R.T.: 4.353 min  
Delta R.T.: -0.012 min  
Response: 62195  
Conc: 12.21 ng/ml



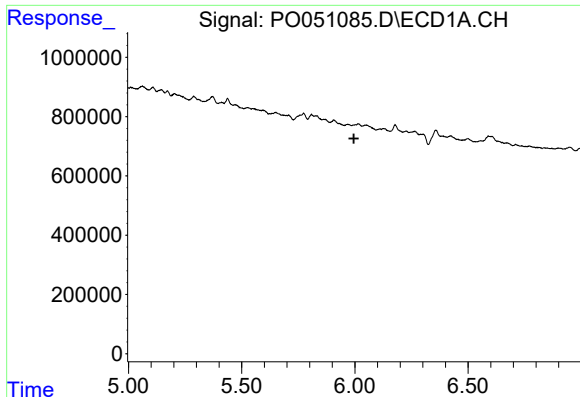
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 5.792 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

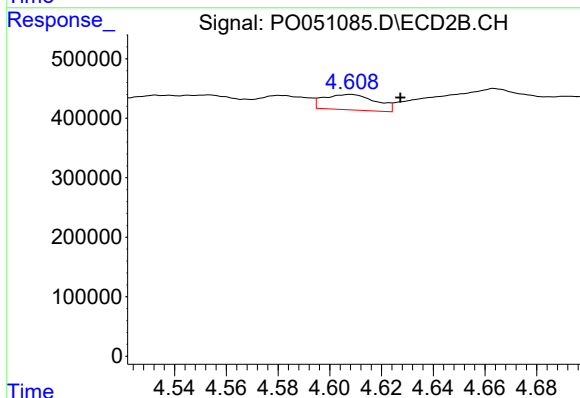
R.T.: 4.580 min  
Delta R.T.: -0.009 min  
Response: 244203  
Conc: 39.20 ng/ml



#23 AR-1248-3

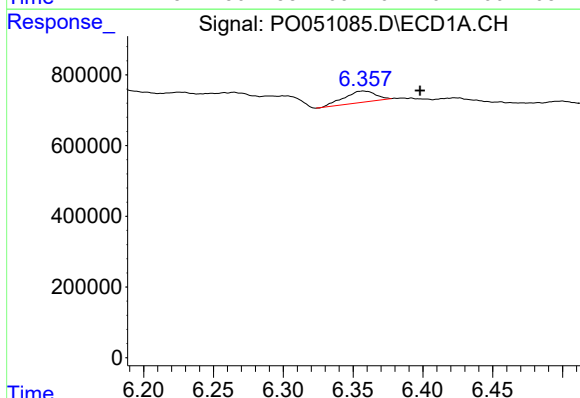
R.T.: 0.000 min  
Exp R.T.: 5.996 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



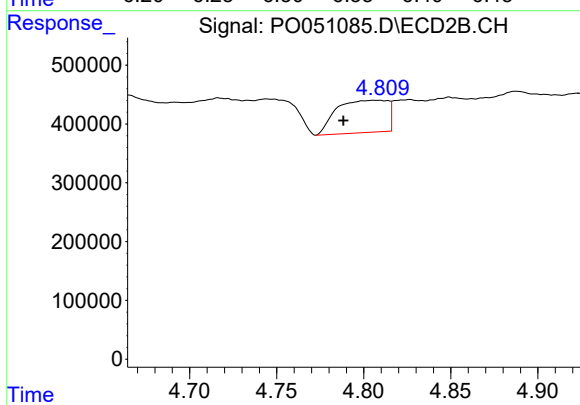
#23 AR-1248-3

R.T.: 4.608 min  
Delta R.T.: -0.019 min  
Response: 359929  
Conc: 58.27 ng/ml



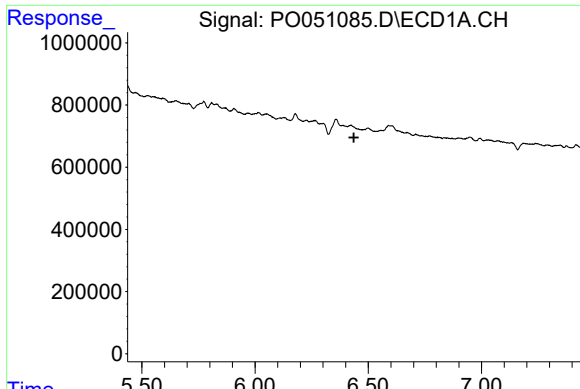
#24 AR-1248-4

R.T.: 6.357 min  
Delta R.T.: -0.041 min  
Response: 500183  
Conc: 40.78 ng/ml



#24 AR-1248-4

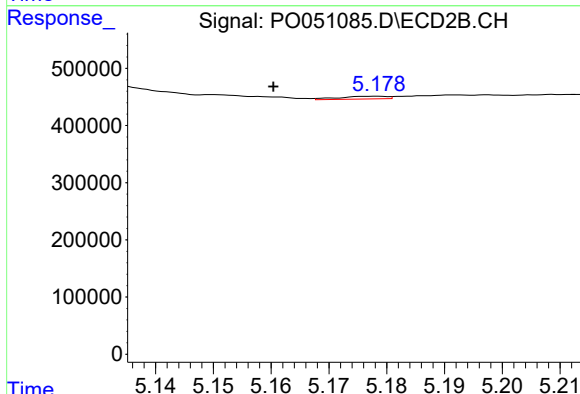
R.T.: 4.809 min  
Delta R.T.: 0.021 min  
Response: 1119194  
Conc: 155.13 ng/ml



#25 AR-1248-5

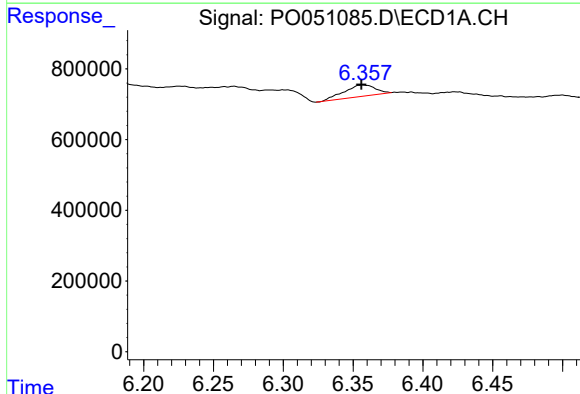
R.T.: 0.000 min  
Exp R.T.: 6.436 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



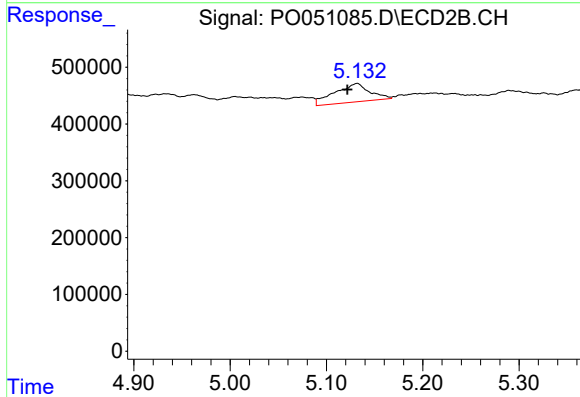
#25 AR-1248-5

R.T.: 5.178 min  
Delta R.T.: 0.018 min  
Response: 27563  
Conc: 3.53 ng/ml



#26 AR-1254-1

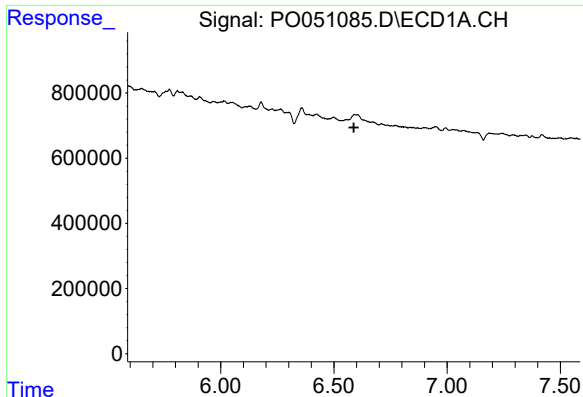
R.T.: 6.357 min  
Delta R.T.: 0.001 min  
Response: 500183  
Conc: 36.30 ng/ml



#26 AR-1254-1

R.T.: 5.132 min  
Delta R.T.: 0.010 min  
Response: 821663  
Conc: 58.72 ng/ml

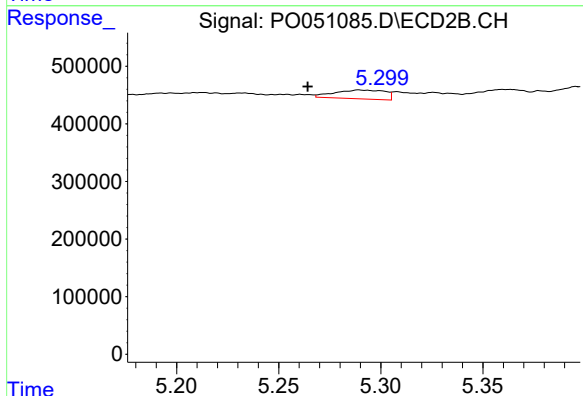




#27 AR-1254-2

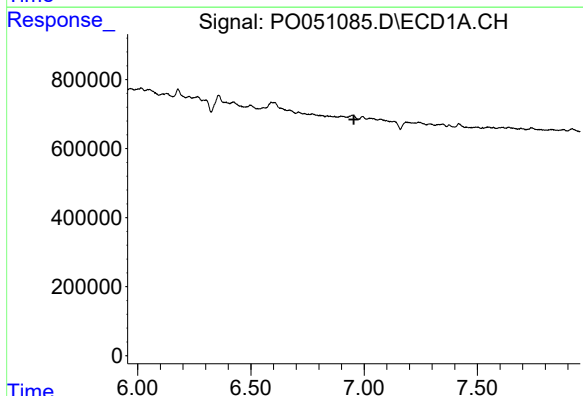
R.T.: 0.000 min  
Exp R.T.: 6.588 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



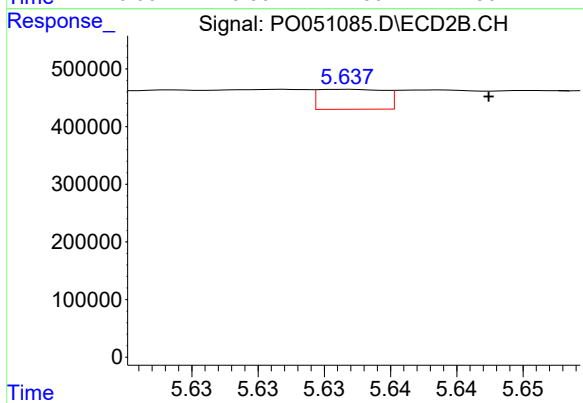
#27 AR-1254-2

R.T.: 5.289 min  
Delta R.T.: 0.025 min  
Response: 261606  
Conc: 20.98 ng/ml



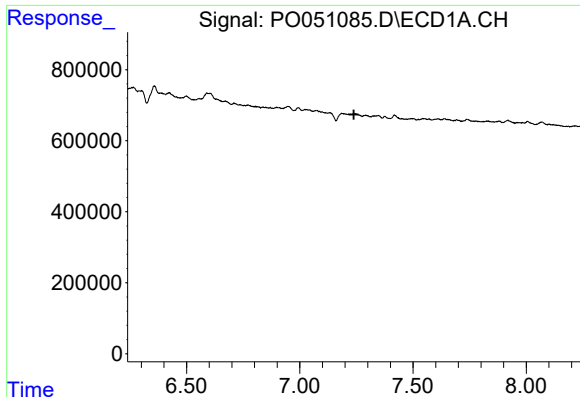
#28 AR-1254-3

R.T.: 0.000 min  
Exp R.T.: 6.955 min  
Response: 0  
Conc: N.D.



#28 AR-1254-3

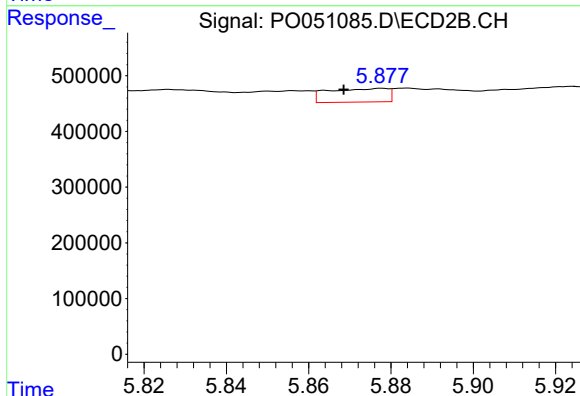
R.T.: 5.637 min  
Delta R.T.: -0.011 min  
Response: 121031  
Conc: 5.99 ng/ml



#29 AR-1254-4

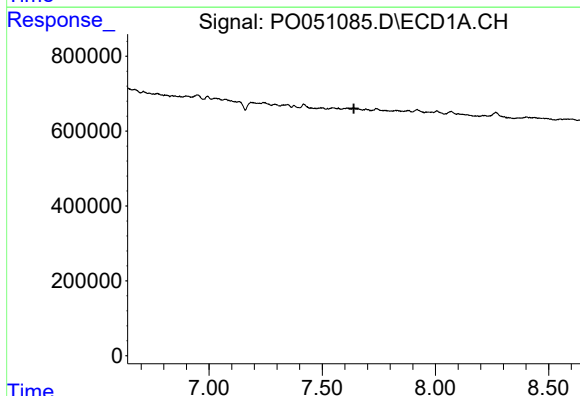
R.T.: 0.000 min  
Exp R.T. : 7.239 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



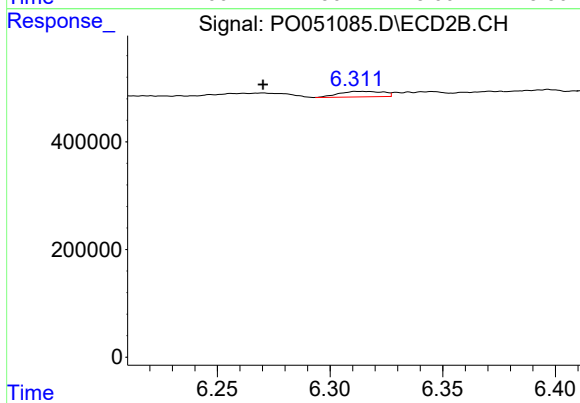
#29 AR-1254-4

R.T.: 5.878 min  
Delta R.T.: 0.009 min  
Response: 246288  
Conc: 18.26 ng/ml



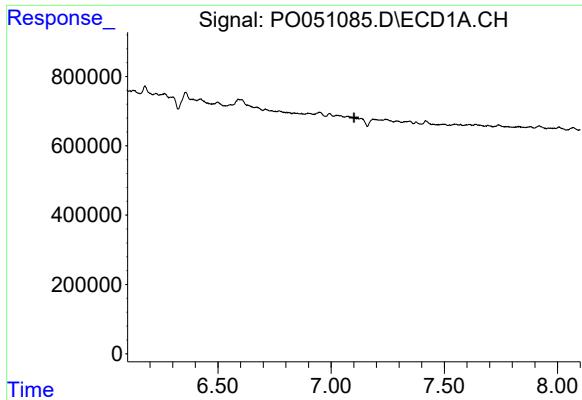
#30 AR-1254-5

R.T.: 0.000 min  
Exp R.T. : 7.640 min  
Response: 0  
Conc: N.D.



#30 AR-1254-5

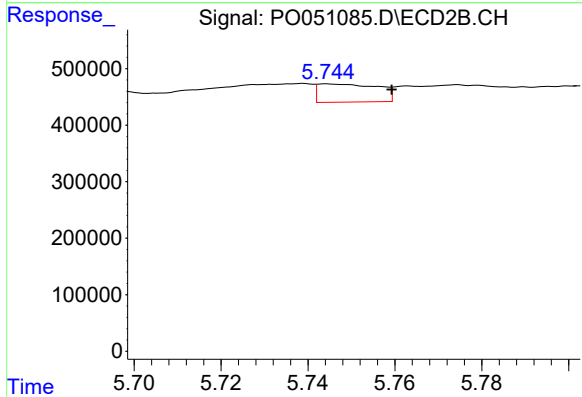
R.T.: 6.311 min  
Delta R.T.: 0.041 min  
Response: 140305  
Conc: 7.14 ng/ml



#31 AR-1260-1

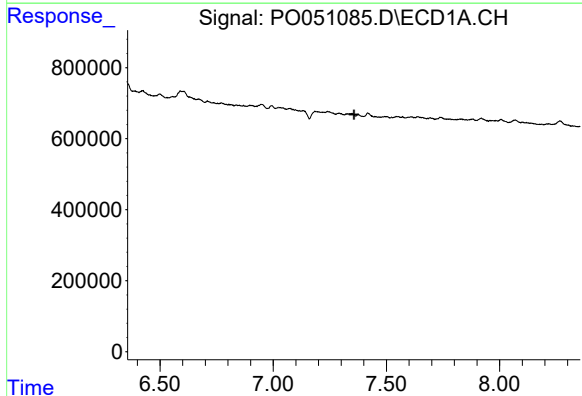
R.T.: 0.000 min  
Exp R.T.: 7.101 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



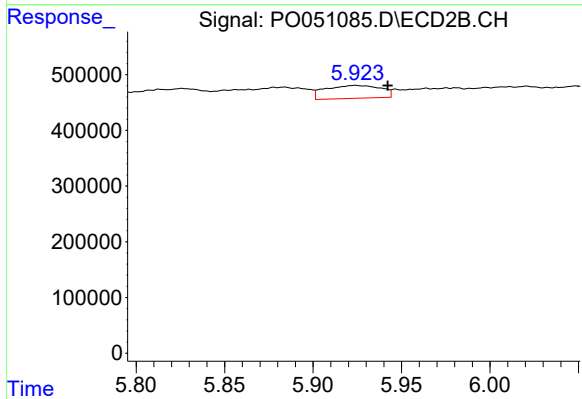
#31 AR-1260-1

R.T.: 5.744 min  
Delta R.T.: -0.015 min  
Response: 309993  
Conc: 23.22 ng/ml



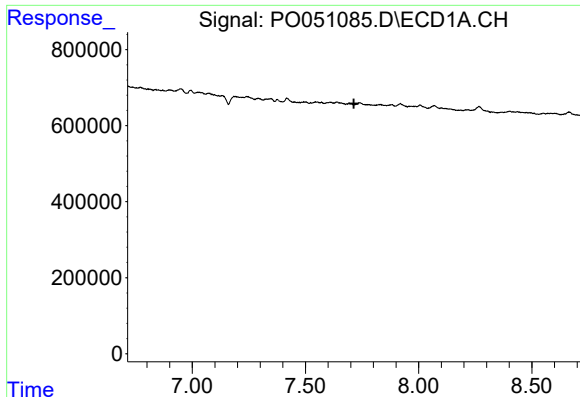
#32 AR-1260-2

R.T.: 0.000 min  
Exp R.T.: 7.357 min  
Response: 0  
Conc: N.D.



#32 AR-1260-2

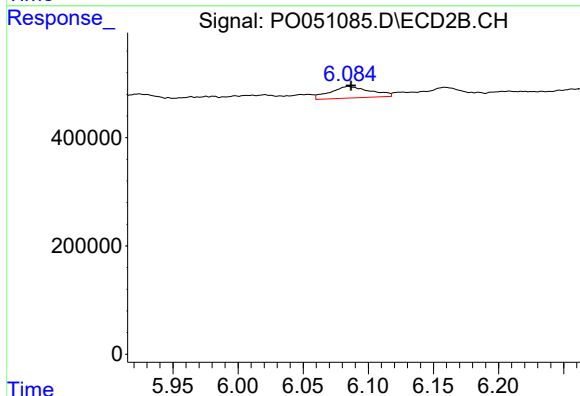
R.T.: 5.924 min  
Delta R.T.: -0.018 min  
Response: 504784  
Conc: 27.21 ng/ml



#33 AR-1260-3

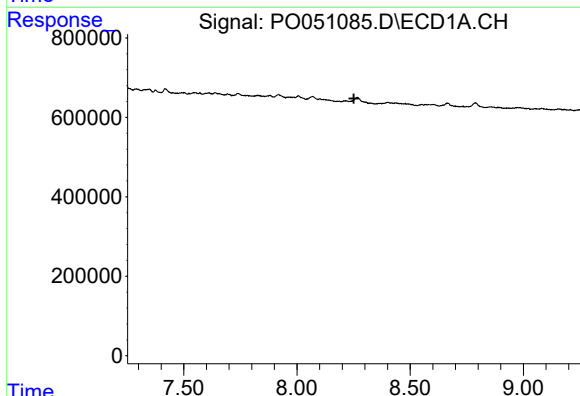
R.T.: 0.000 min  
Exp R.T. : 7.714 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



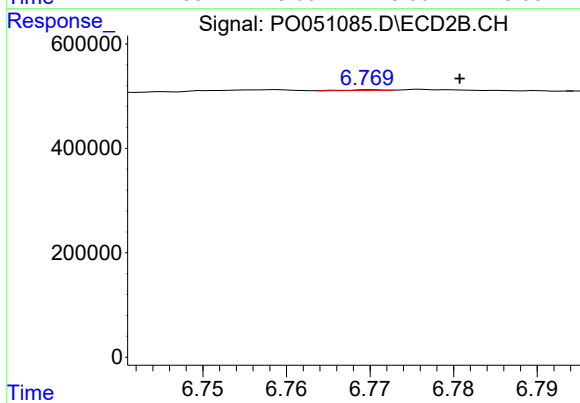
#33 AR-1260-3

R.T.: 6.085 min  
Delta R.T.: -0.002 min  
Response: 457302  
Conc: 29.54 ng/ml



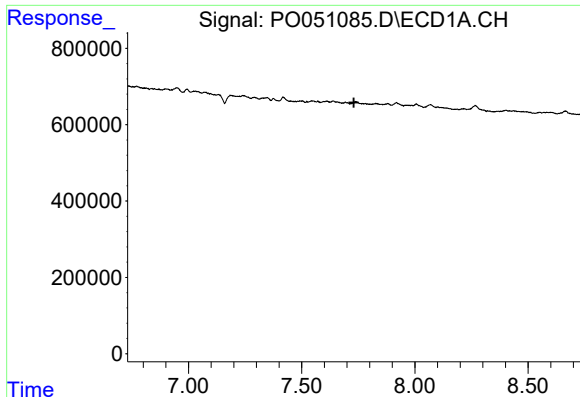
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 8.251 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

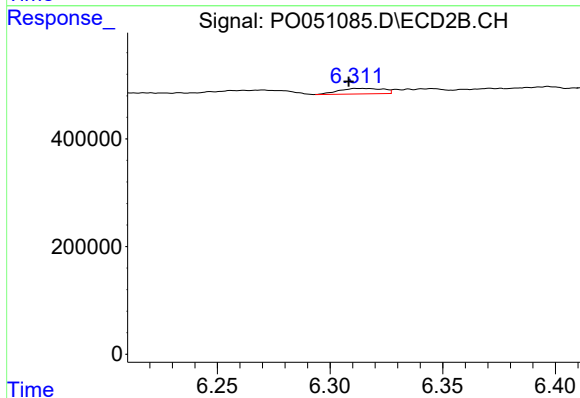
R.T.: 6.770 min  
Delta R.T.: -0.011 min  
Response: 3467  
Conc: 0.12 ng/ml



#36 AR-1262-1

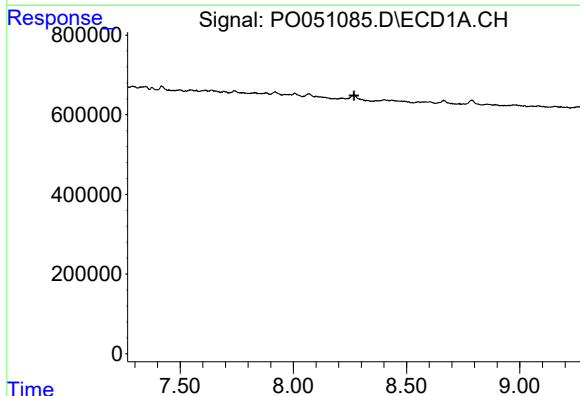
R.T.: 0.000 min  
Exp R.T.: 7.730 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



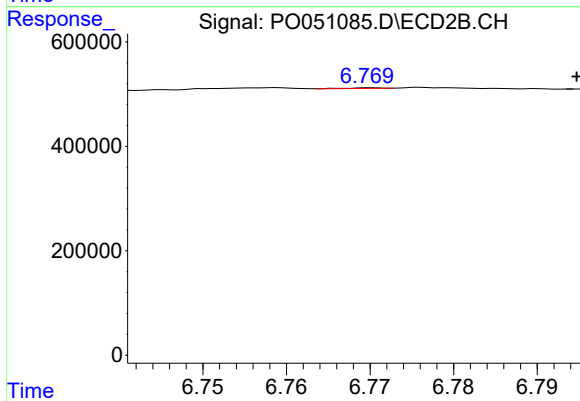
#36 AR-1262-1

R.T.: 6.311 min  
Delta R.T.: 0.003 min  
Response: 140305  
Conc: 5.70 ng/ml



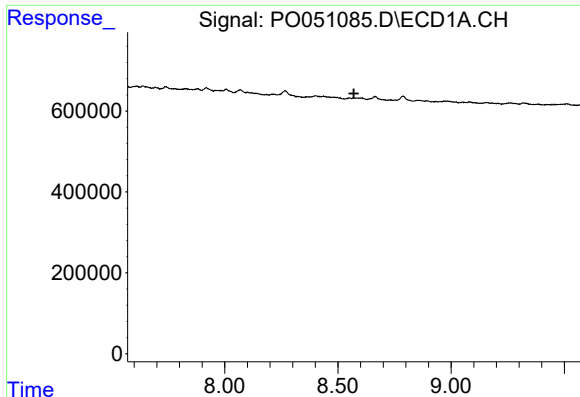
#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T.: 8.268 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

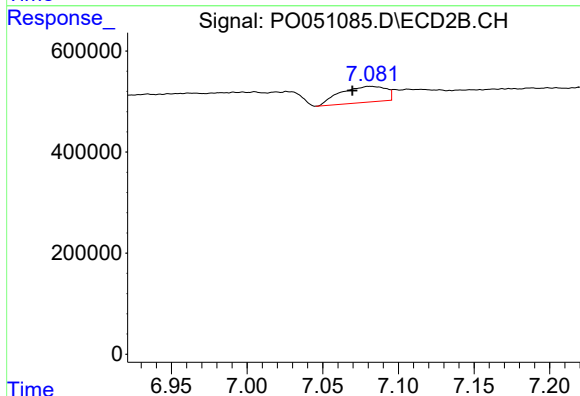
R.T.: 6.770 min  
Delta R.T.: -0.025 min  
Response: 3467  
Conc: 0.09 ng/ml



#38 AR-1262-3

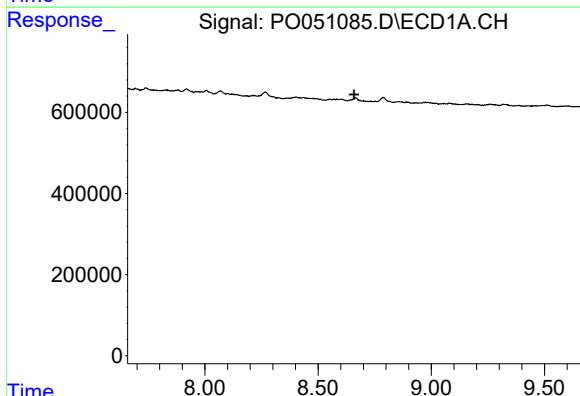
R.T.: 0.000 min  
Exp R.T. : 8.571 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



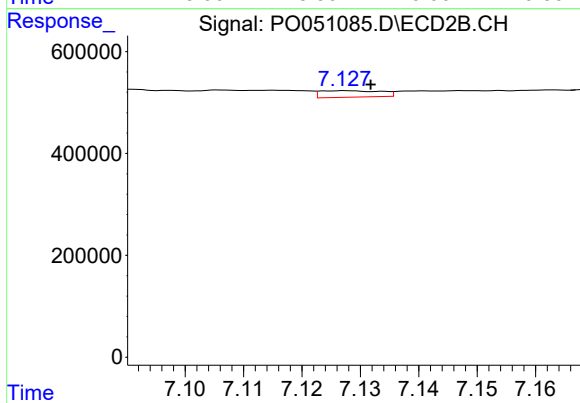
#38 AR-1262-3

R.T.: 7.082 min  
Delta R.T.: 0.012 min  
Response: 660246  
Conc: 40.87 ng/ml



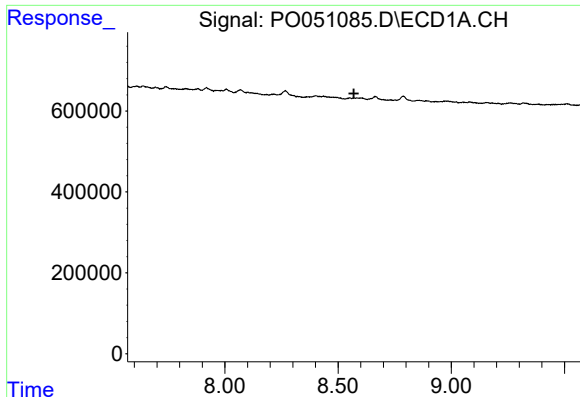
#39 AR-1262-4

R.T.: 0.000 min  
Exp R.T. : 8.658 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

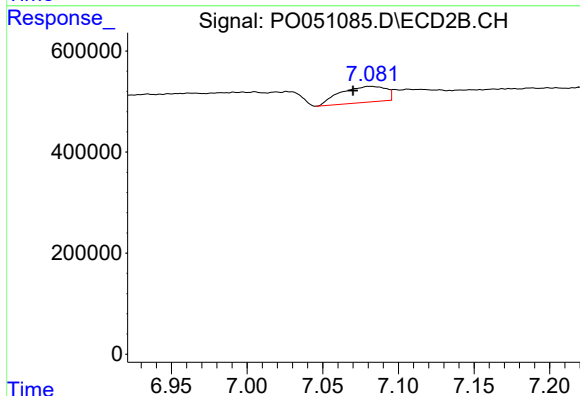
R.T.: 7.128 min  
Delta R.T.: -0.004 min  
Response: 90773  
Conc: 3.33 ng/ml



#41 AR-1268-1

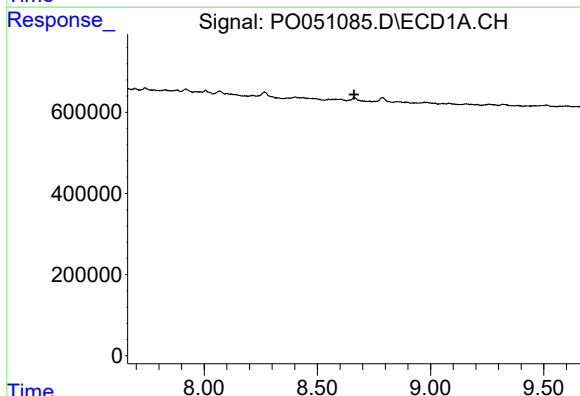
R.T.: 0.000 min  
Exp R.T. : 8.570 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



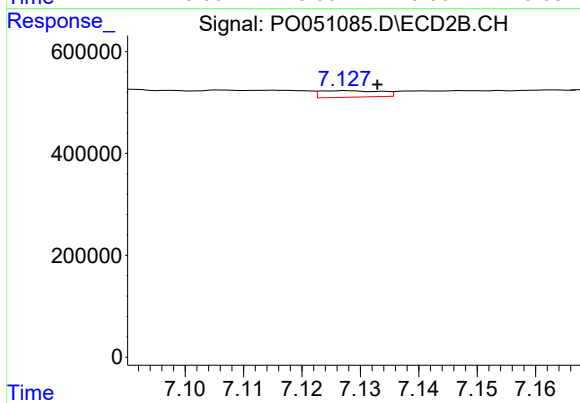
#41 AR-1268-1

R.T.: 7.082 min  
Delta R.T.: 0.011 min  
Response: 660246  
Conc: 12.88 ng/ml



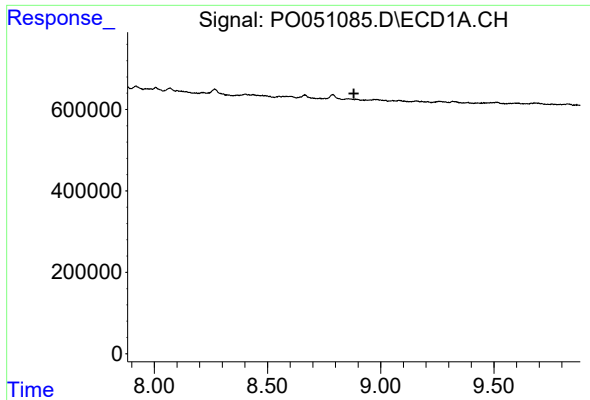
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 8.662 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

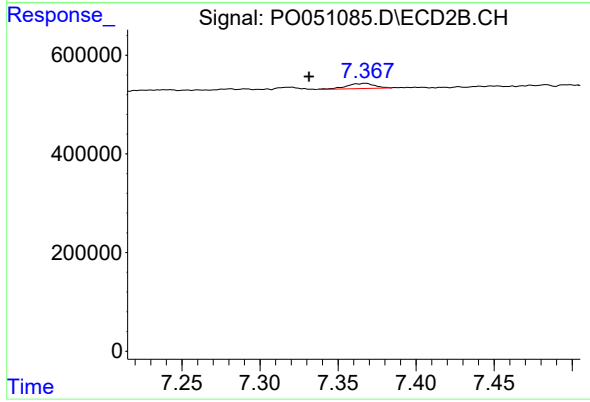
R.T.: 7.128 min  
Delta R.T.: -0.005 min  
Response: 90773  
Conc: 2.07 ng/ml



#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T.: 8.882 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



#43 AR-1268-3

R.T.: 7.368 min  
Delta R.T.: 0.036 min  
Response: 127075  
Conc: 3.23 ng/ml