

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO122018\  
 Data File : PO052805.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 20 Dec 2018 13:42  
 Operator : SM/SJ  
 Sample : J6199-09RE  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 20 16:18:00 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO121518.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sun Dec 16 03:01:24 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... | 4.244 | 3.271 | 12269750 | 2830772 | 15.646   | 13.359     |
| 2)                          | SA Decachlor... | 9.787 | 7.950 | 5567382  | 1924390 | 11.050   | 8.722      |
| Target Compounds            |                 |       |       |          |         |          |            |
| 3)                          | L1 AR-1016-1    | 5.427 | 4.282 | 338140   | 841727  | 16.522   | 131.662 #  |
| 4)                          | L1 AR-1016-2    | 5.427 | 4.282 | 338140   | 841727  | 10.826   | 68.634 #   |
| 5)                          | L1 AR-1016-3    | 5.506 | 4.462 | 1322692  | 1300363 | 69.868   | 235.347 #  |
| 6)                          | L1 AR-1016-4    | 5.609 | 4.526 | 96951    | 3055990 | 6.453    | 632.093 #  |
| 7)                          | L1 AR-1016-5    | 5.875 | 4.721 | 4213445  | 166038  | 281.927  | 25.795 #   |
| 9)                          | L2 AR-1221-2    | 4.548 | 0.000 | 192638   | 0       | 35.294   | N.D. #     |
| 12)                         | L3 AR-1232-2    | 5.139 | 4.282 | 11029600 | 841727  | 1488.980 | 147.937 #  |
| 13)                         | L3 AR-1232-3    | 5.427 | 4.462 | 338140   | 1300363 | 22.093   | 511.146 #  |
| 14)                         | L3 AR-1232-4    | 5.609 | 4.526 | 96951    | 3055990 | 14.110   | 1328.735 # |
| 15)                         | L3 AR-1232-5    | 5.636 | 4.721 | 63549    | 166038  | 13.775   | 62.289 #   |
| 16)                         | L4 AR-1242-1    | 5.427 | 4.282 | 338140   | 841727  | 18.586   | 154.318 #  |
| 17)                         | L4 AR-1242-2    | 5.427 | 4.282 | 338140   | 841727  | 12.220   | 79.317 #   |
| 18)                         | L4 AR-1242-3    | 5.506 | 4.462 | 1322692  | 1300363 | 79.879   | 270.095 #  |
| 19)                         | L4 AR-1242-4    | 5.609 | 4.526 | 96951    | 3055990 | 7.396    | 624.139 #  |
| 20)                         | L4 AR-1242-5    | 6.270 | 4.971 | 525869   | 184437  | 37.333   | 30.834     |
| 21)                         | L5 AR-1248-1    | 5.427 | 4.282 | 338140   | 841727  | 24.436   | 189.907 #  |
| 22)                         | L5 AR-1248-2    | 5.728 | 4.526 | 1808593  | 3055990 | 94.932   | 440.834 #  |
| 23)                         | L5 AR-1248-3    | 5.875 | 4.526 | 4213445  | 3055990 | 194.980  | 440.014 #  |
| 24)                         | L5 AR-1248-4    | 6.270 | 4.721 | 525869   | 166038  | 23.059   | 19.398     |
| 25)                         | L5 AR-1248-5    | 6.270 | 0.000 | 525869   | 0       | 24.083   | N.D. #     |
| 26)                         | L6 AR-1254-1    | 6.270 | 4.971 | 525869   | 184437  | 21.048   | 13.378 #   |
| 27)                         | L6 AR-1254-2    | 0.000 | 5.174 | 0        | 637322  | N.D.     | 51.982 #   |
| 28)                         | L6 AR-1254-3    | 6.844 | 5.549 | 1565861  | 1134126 | 39.744   | 58.858 #   |
| 29)                         | L6 AR-1254-4    | 0.000 | 5.825 | 0        | 539493  | N.D.     | 48.335 #   |
| 31)                         | L7 AR-1260-1    | 0.000 | 5.652 | 0        | 255475  | N.D.     | 18.629 #   |
| 32)                         | L7 AR-1260-2    | 7.237 | 5.825 | 977933   | 539493  | 27.959   | 32.466     |
| 35)                         | L7 AR-1260-5    | 8.121 | 0.000 | 377726   | 0       | 7.704    | N.D. #     |
| 37)                         | L8 AR-1262-2    | 8.121 | 0.000 | 377726   | 0       | 6.109    | N.D. #     |
| -----                       |                 |       |       |          |         |          |            |

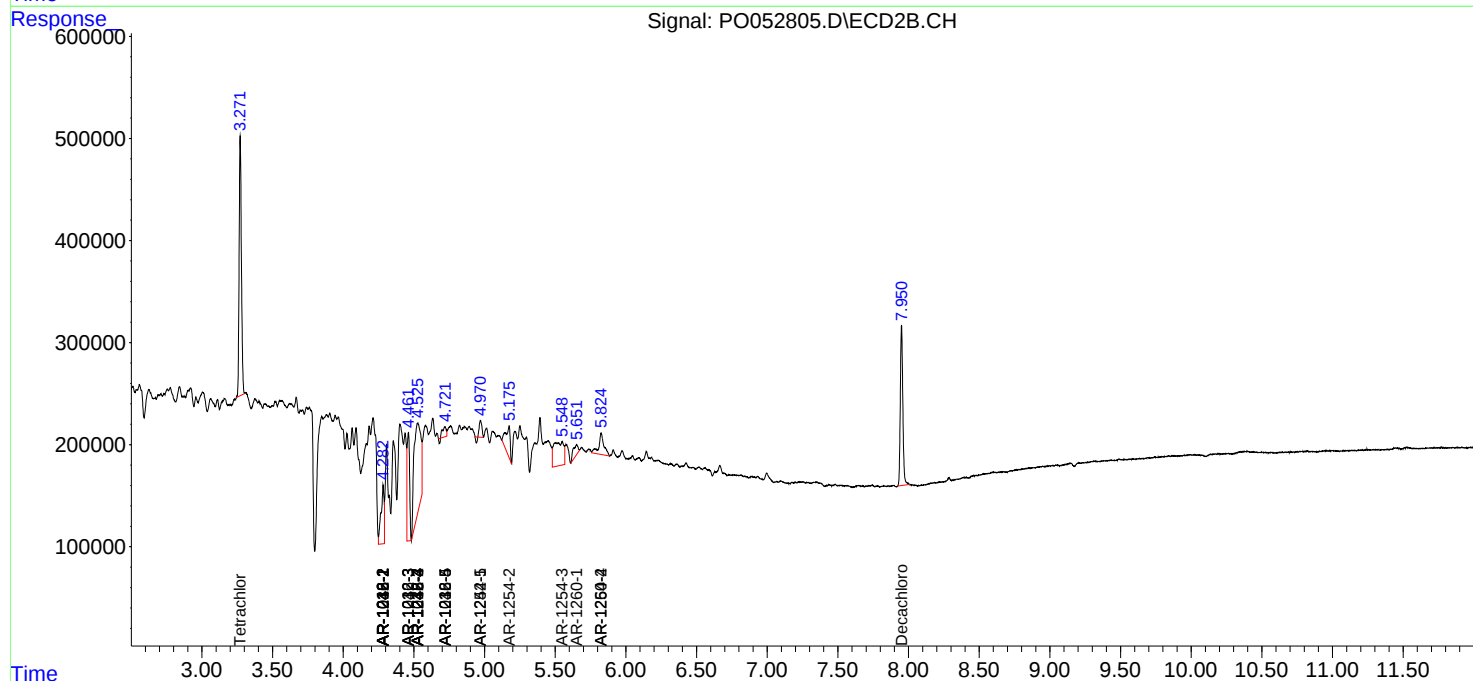
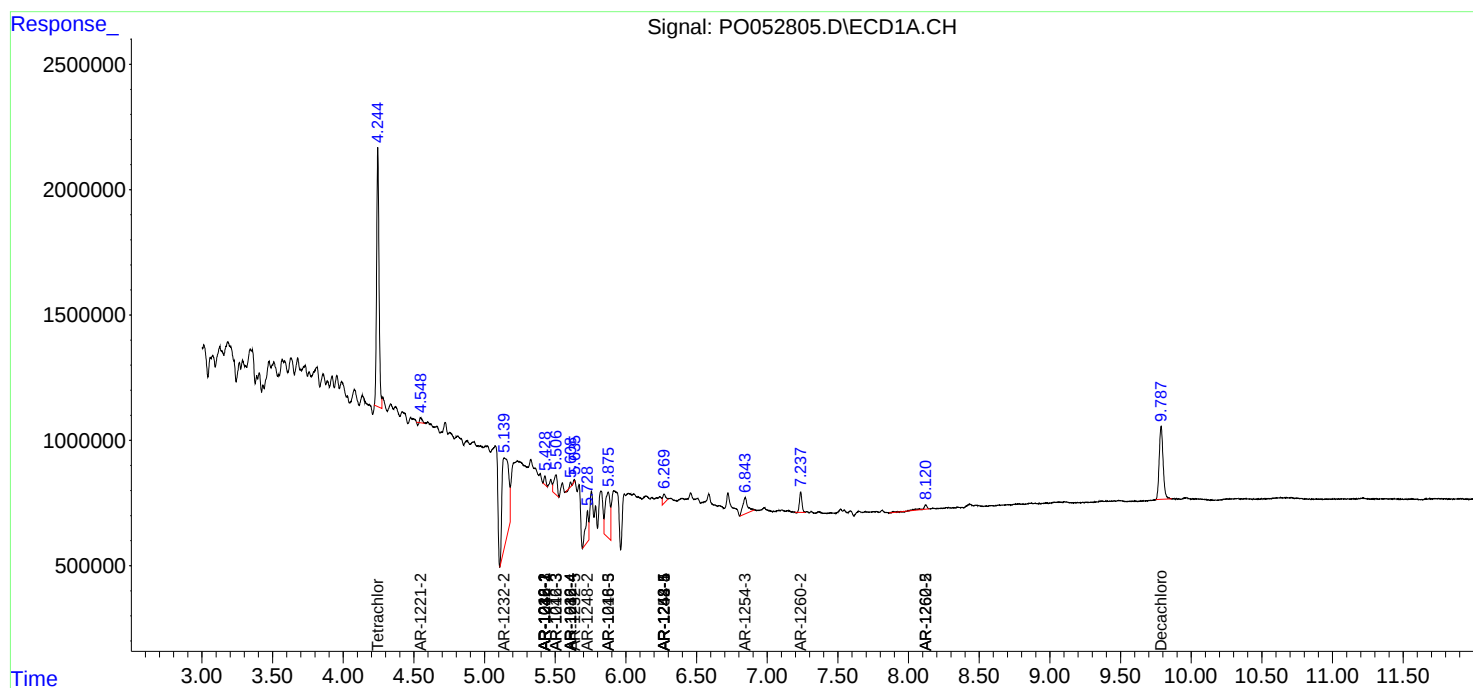
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

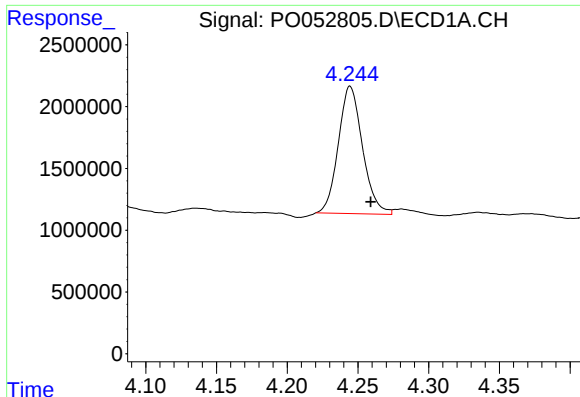
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO122018\  
Data File : PO052805.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 20 Dec 2018 13:42  
Operator : SM/SJ  
Sample : J6199-09RE  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 20 16:18:00 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO121518.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sun Dec 16 03:01:24 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

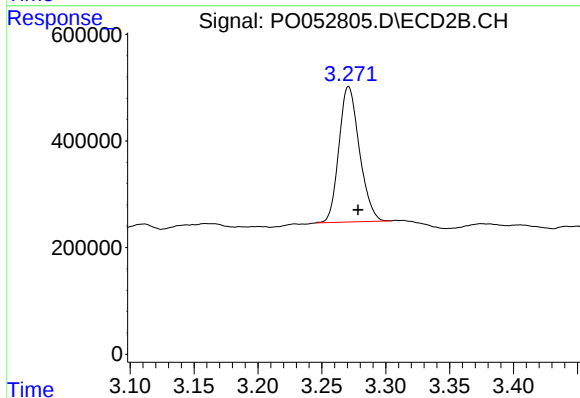




#1 Tetrachloro-m-xylene

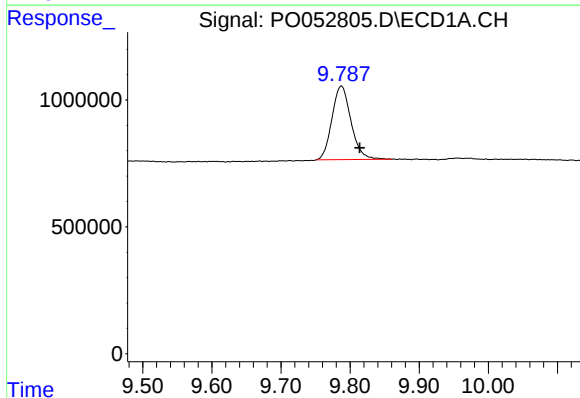
R.T.: 4.244 min  
Delta R.T.: -0.015 min  
Response: 12269750  
Conc: 15.65 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



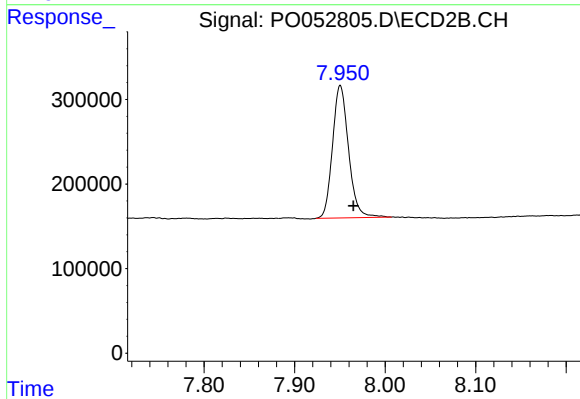
#1 Tetrachloro-m-xylene

R.T.: 3.271 min  
Delta R.T.: -0.007 min  
Response: 2830772  
Conc: 13.36 ng/ml



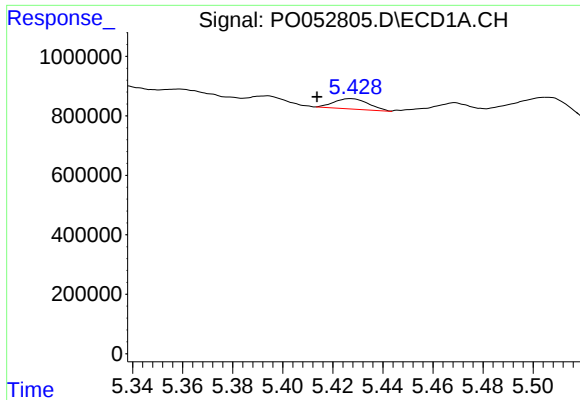
#2 Decachlorobiphenyl

R.T.: 9.787 min  
Delta R.T.: -0.027 min  
Response: 5567382  
Conc: 11.05 ng/ml



#2 Decachlorobiphenyl

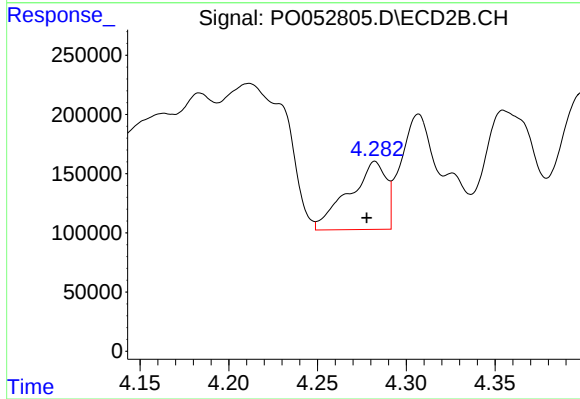
R.T.: 7.950 min  
Delta R.T.: -0.014 min  
Response: 1924390  
Conc: 8.72 ng/ml



#3 AR-1016-1

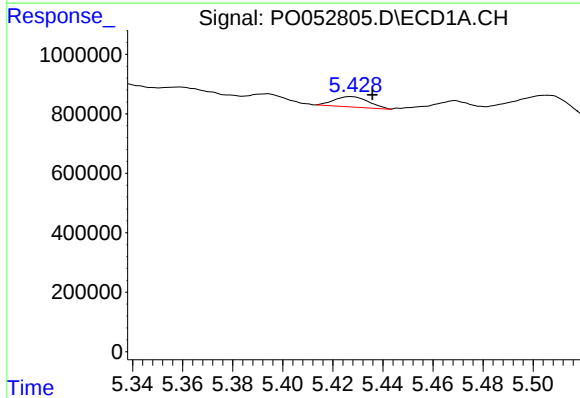
R.T.: 5.427 min  
Delta R.T.: 0.013 min  
Response: 338140  
Conc: 16.52 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



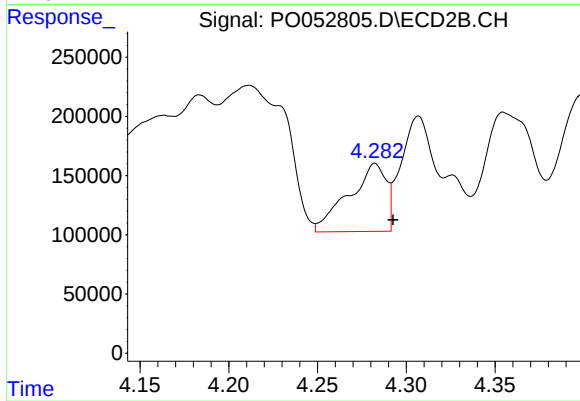
#3 AR-1016-1

R.T.: 4.282 min  
Delta R.T.: 0.005 min  
Response: 841727  
Conc: 131.66 ng/ml



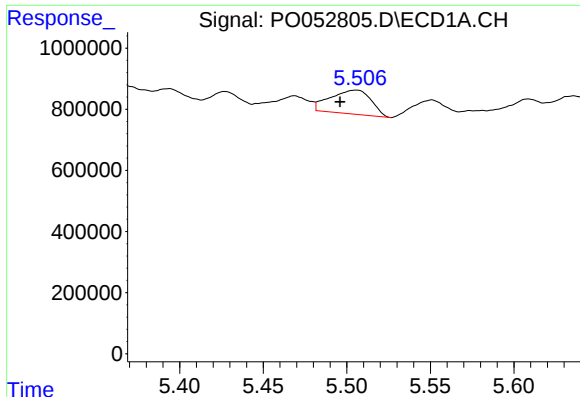
#4 AR-1016-2

R.T.: 5.427 min  
Delta R.T.: -0.009 min  
Response: 338140  
Conc: 10.83 ng/ml



#4 AR-1016-2

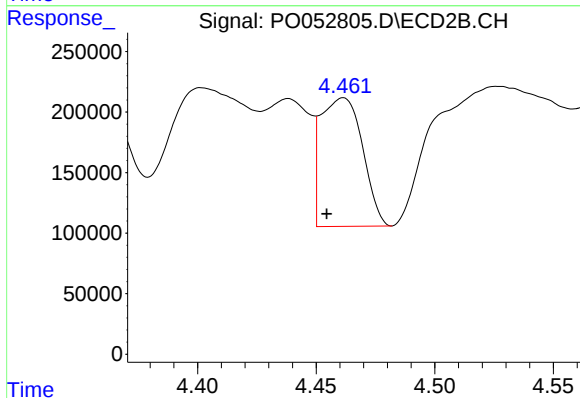
R.T.: 4.282 min  
Delta R.T.: -0.010 min  
Response: 841727  
Conc: 68.63 ng/ml



#5 AR-1016-3

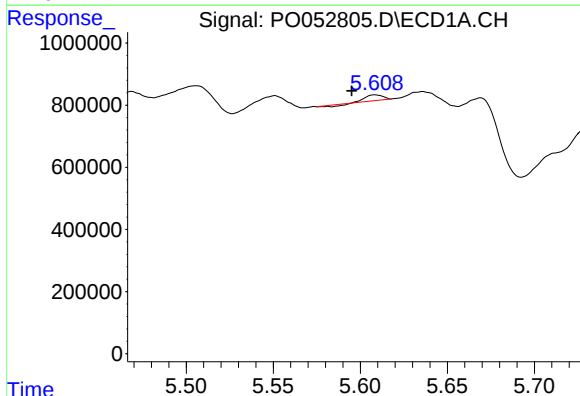
R.T.: 5.506 min  
Delta R.T.: 0.010 min  
Response: 1322692  
Conc: 69.87 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



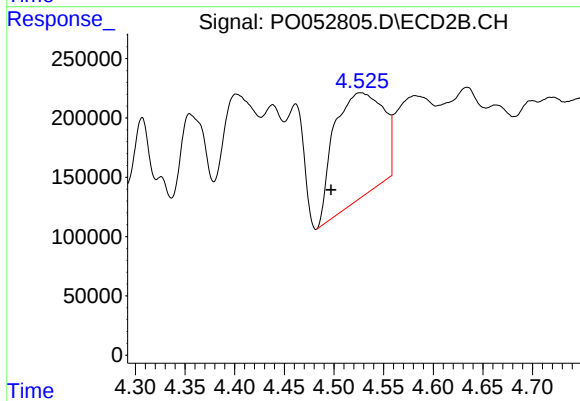
#5 AR-1016-3

R.T.: 4.462 min  
Delta R.T.: 0.007 min  
Response: 1300363  
Conc: 235.35 ng/ml



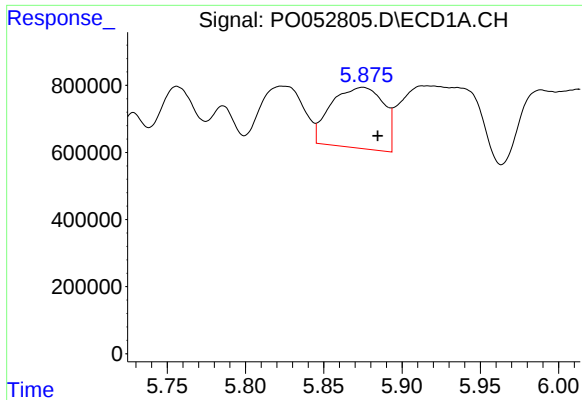
#6 AR-1016-4

R.T.: 5.609 min  
Delta R.T.: 0.013 min  
Response: 96951  
Conc: 6.45 ng/ml



#6 AR-1016-4

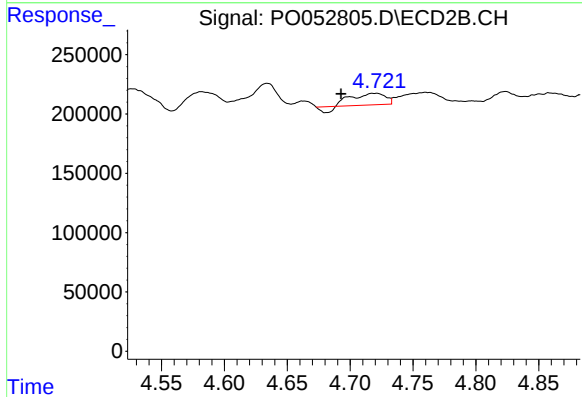
R.T.: 4.526 min  
Delta R.T.: 0.029 min  
Response: 3055990  
Conc: 632.09 ng/ml



#7 AR-1016-5

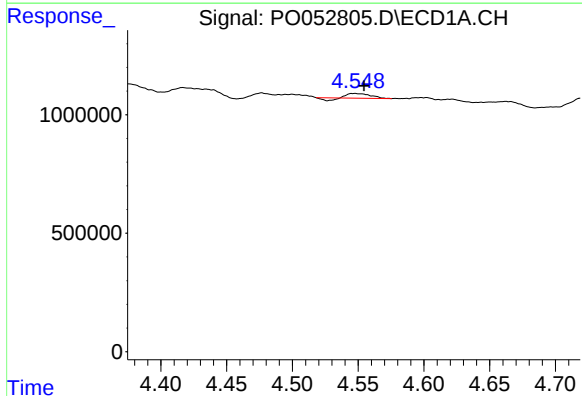
R.T.: 5.875 min  
Delta R.T.: -0.009 min  
Response: 4213445  
Conc: 281.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



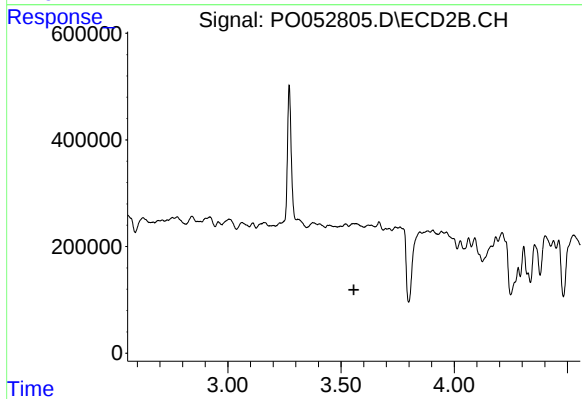
#7 AR-1016-5

R.T.: 4.721 min  
Delta R.T.: 0.028 min  
Response: 166038  
Conc: 25.80 ng/ml



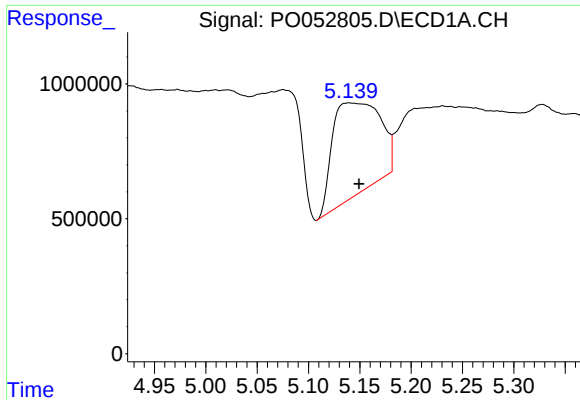
#9 AR-1221-2

R.T.: 4.548 min  
Delta R.T.: -0.007 min  
Response: 192638  
Conc: 35.29 ng/ml



#9 AR-1221-2

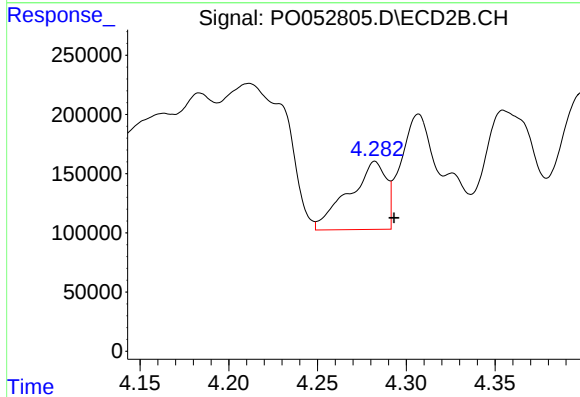
R.T.: 0.000 min  
Exp R.T.: 3.556 min  
Response: 0  
Conc: N.D.



#12 AR-1232-2

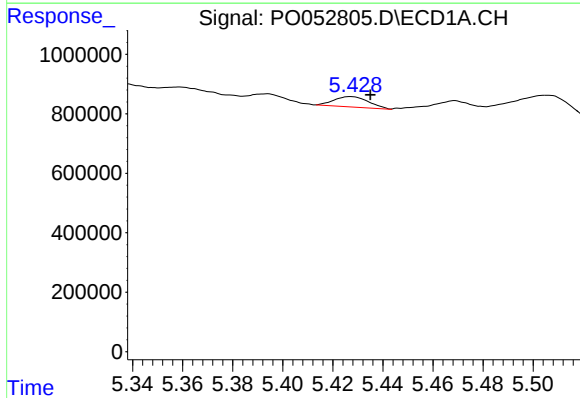
R.T.: 5.139 min  
Delta R.T.: -0.010 min  
Response: 11029600  
Conc: 1488.98 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



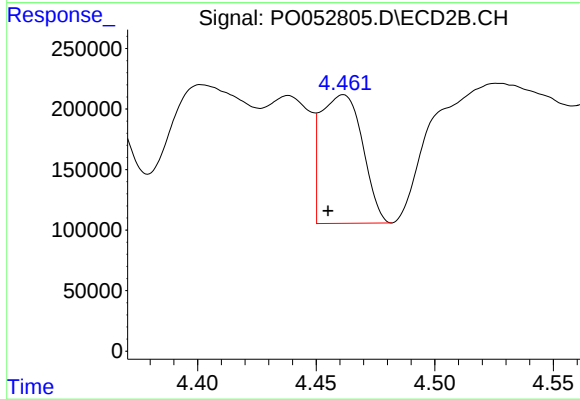
#12 AR-1232-2

R.T.: 4.282 min  
Delta R.T.: -0.011 min  
Response: 841727  
Conc: 147.94 ng/ml



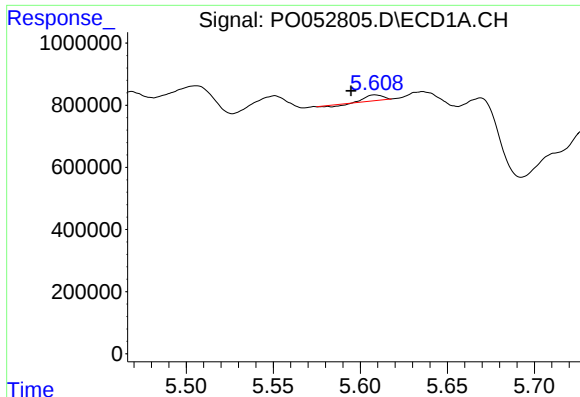
#13 AR-1232-3

R.T.: 5.427 min  
Delta R.T.: -0.008 min  
Response: 338140  
Conc: 22.09 ng/ml



#13 AR-1232-3

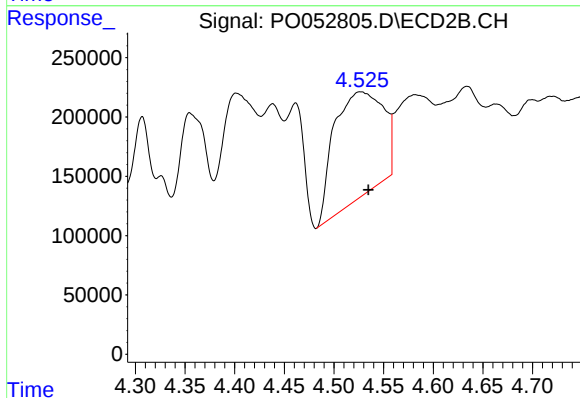
R.T.: 4.462 min  
Delta R.T.: 0.007 min  
Response: 1300363  
Conc: 511.15 ng/ml



#14 AR-1232-4

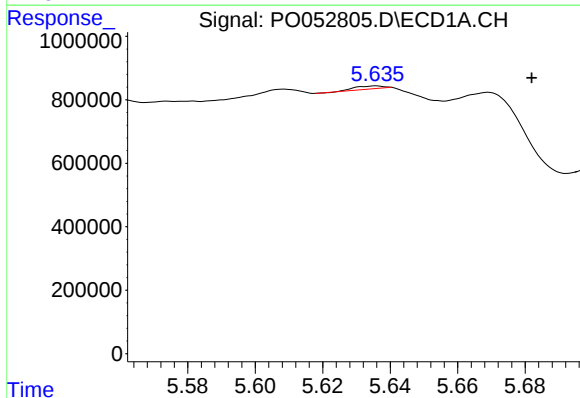
R.T.: 5.609 min  
Delta R.T.: 0.014 min  
Response: 96951  
Conc: 14.11 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



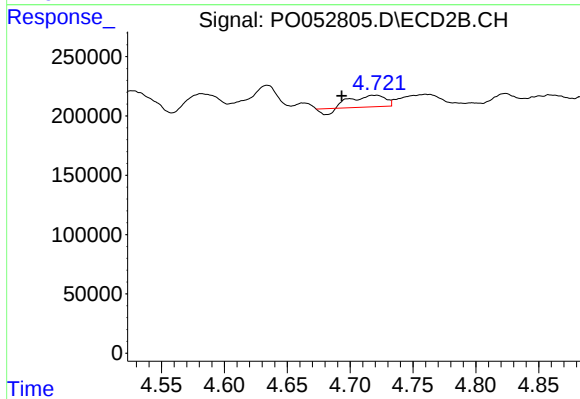
#14 AR-1232-4

R.T.: 4.526 min  
Delta R.T.: -0.008 min  
Response: 3055990  
Conc: 1328.74 ng/ml



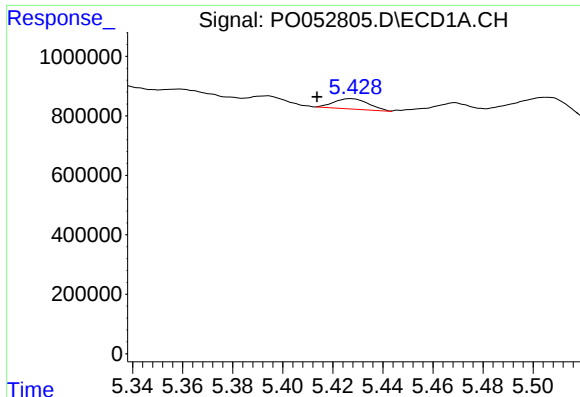
#15 AR-1232-5

R.T.: 5.636 min  
Delta R.T.: -0.046 min  
Response: 63549  
Conc: 13.77 ng/ml



#15 AR-1232-5

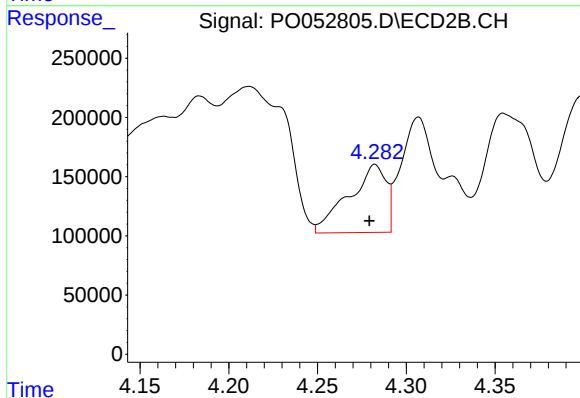
R.T.: 4.721 min  
Delta R.T.: 0.027 min  
Response: 166038  
Conc: 62.29 ng/ml



#16 AR-1242-1

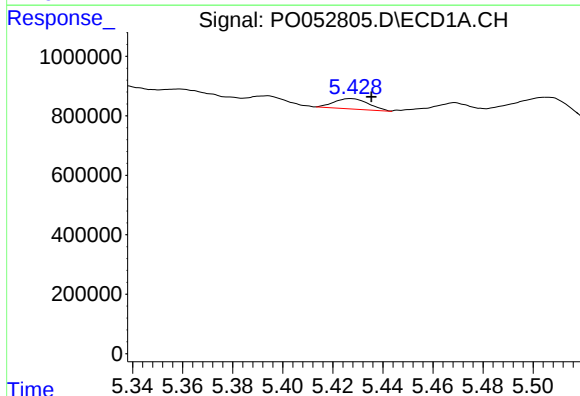
R.T.: 5.427 min  
Delta R.T.: 0.013 min  
Response: 338140  
Conc: 18.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



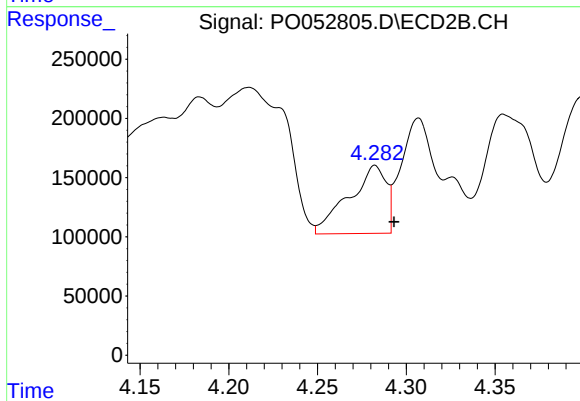
#16 AR-1242-1

R.T.: 4.282 min  
Delta R.T.: 0.003 min  
Response: 841727  
Conc: 154.32 ng/ml



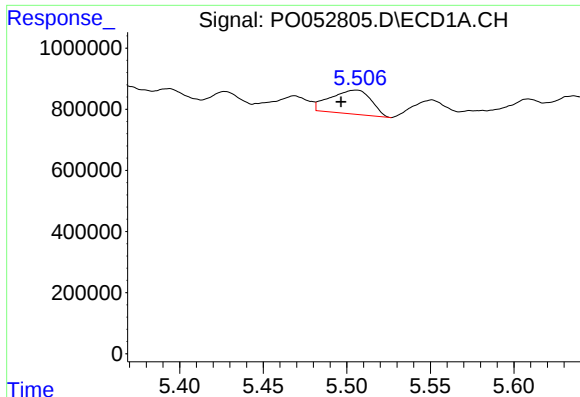
#17 AR-1242-2

R.T.: 5.427 min  
Delta R.T.: -0.008 min  
Response: 338140  
Conc: 12.22 ng/ml



#17 AR-1242-2

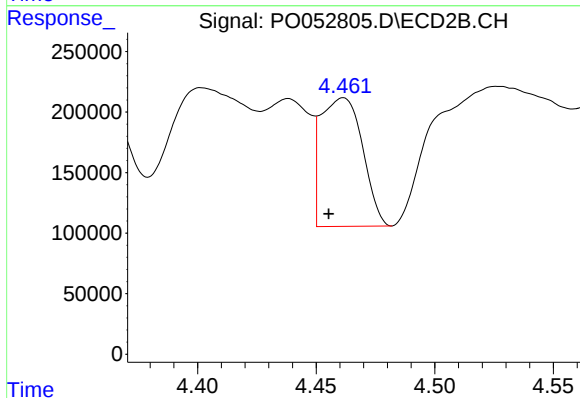
R.T.: 4.282 min  
Delta R.T.: -0.011 min  
Response: 841727  
Conc: 79.32 ng/ml



#18 AR-1242-3

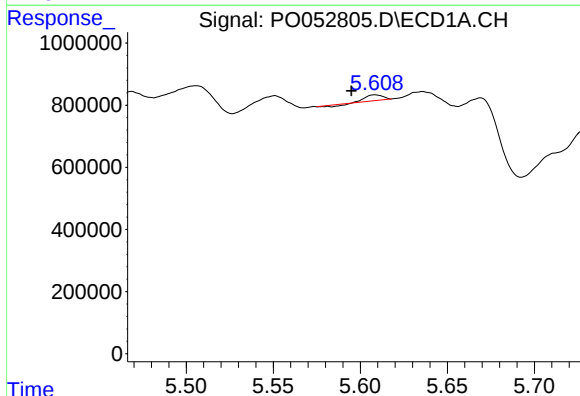
R.T.: 5.506 min  
Delta R.T.: 0.009 min  
Response: 1322692  
Conc: 79.88 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



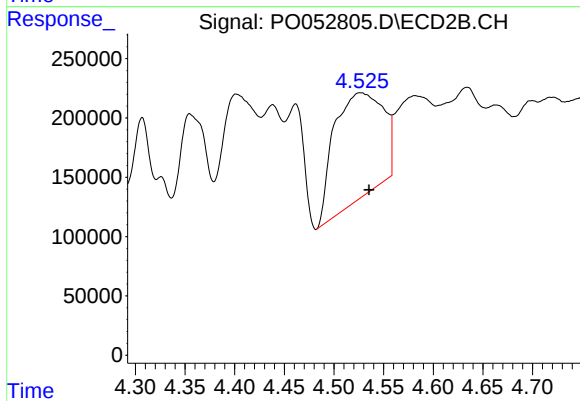
#18 AR-1242-3

R.T.: 4.462 min  
Delta R.T.: 0.006 min  
Response: 1300363  
Conc: 270.10 ng/ml



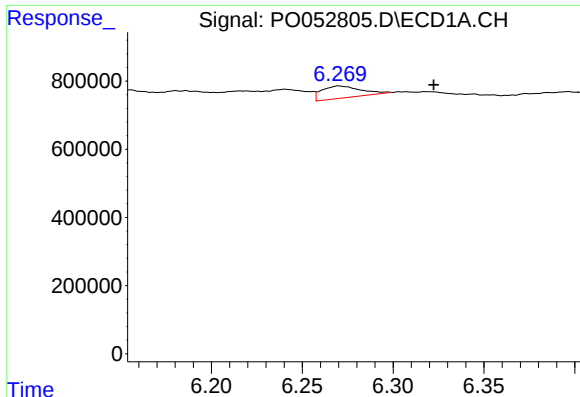
#19 AR-1242-4

R.T.: 5.609 min  
Delta R.T.: 0.014 min  
Response: 96951  
Conc: 7.40 ng/ml



#19 AR-1242-4

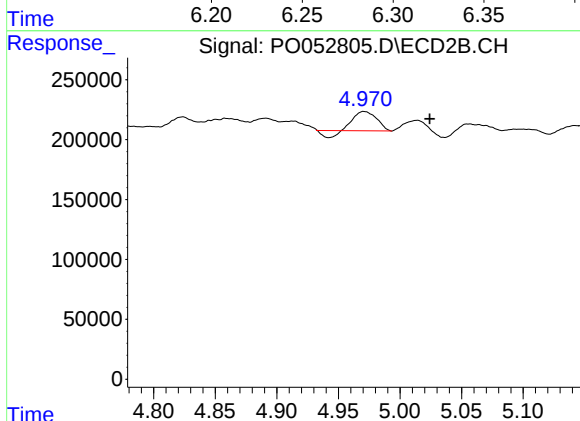
R.T.: 4.526 min  
Delta R.T.: -0.009 min  
Response: 3055990  
Conc: 624.14 ng/ml



#20 AR-1242-5

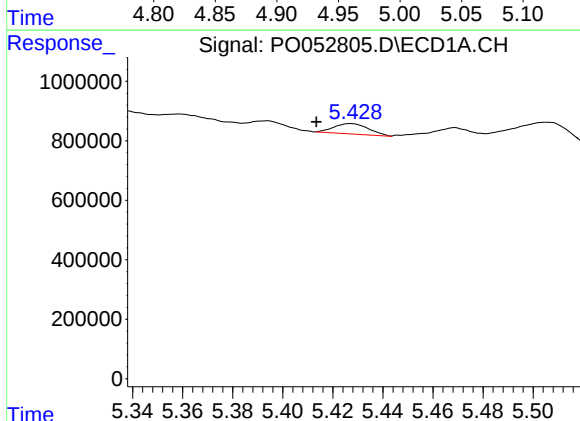
R.T.: 6.270 min  
Delta R.T.: -0.052 min  
Response: 525869  
Conc: 37.33 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



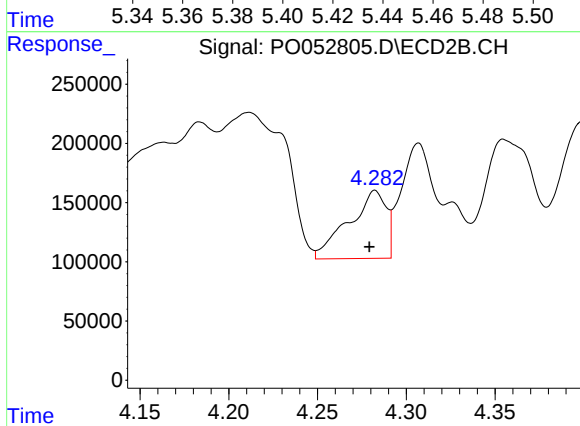
#20 AR-1242-5

R.T.: 4.971 min  
Delta R.T.: -0.053 min  
Response: 184437  
Conc: 30.83 ng/ml



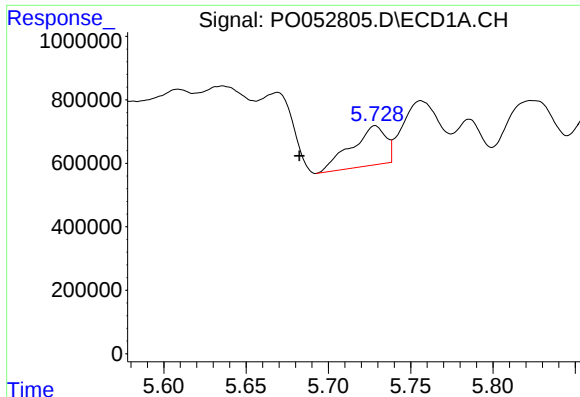
#21 AR-1248-1

R.T.: 5.427 min  
Delta R.T.: 0.014 min  
Response: 338140  
Conc: 24.44 ng/ml



#21 AR-1248-1

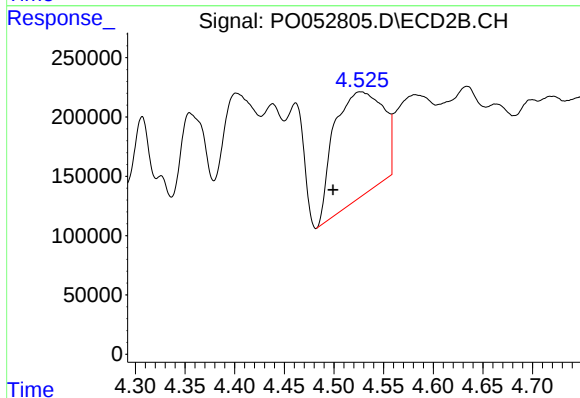
R.T.: 4.282 min  
Delta R.T.: 0.003 min  
Response: 841727  
Conc: 189.91 ng/ml



#22 AR-1248-2

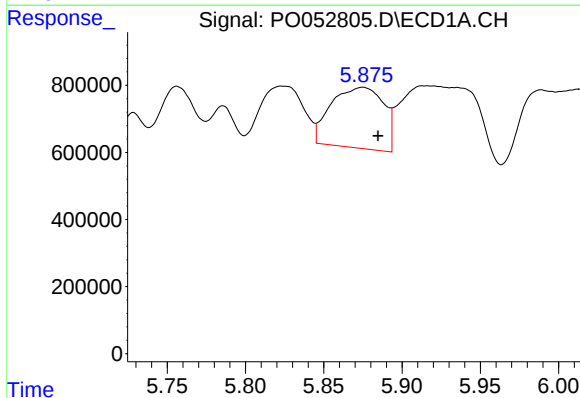
R.T.: 5.728 min  
Delta R.T.: 0.046 min  
Response: 1808593  
Conc: 94.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



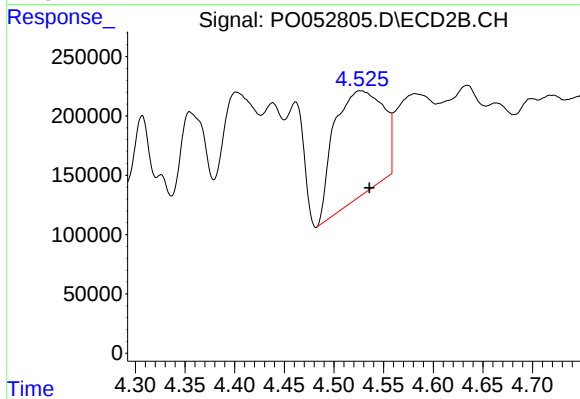
#22 AR-1248-2

R.T.: 4.526 min  
Delta R.T.: 0.027 min  
Response: 3055990  
Conc: 440.83 ng/ml



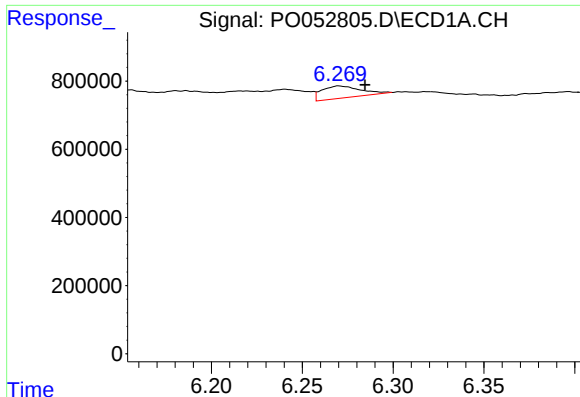
#23 AR-1248-3

R.T.: 5.875 min  
Delta R.T.: -0.010 min  
Response: 4213445  
Conc: 194.98 ng/ml



#23 AR-1248-3

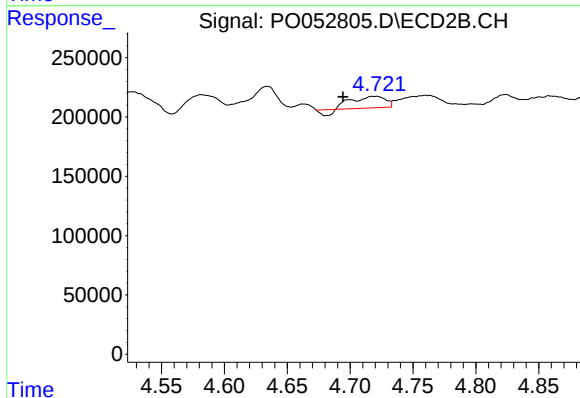
R.T.: 4.526 min  
Delta R.T.: -0.009 min  
Response: 3055990  
Conc: 440.01 ng/ml



#24 AR-1248-4

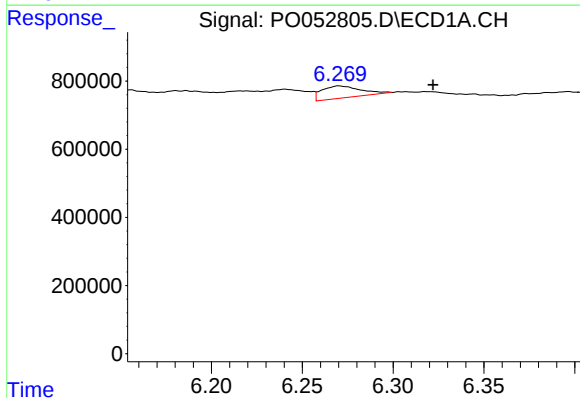
R.T.: 6.270 min  
Delta R.T.: -0.014 min  
Response: 525869  
Conc: 23.06 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



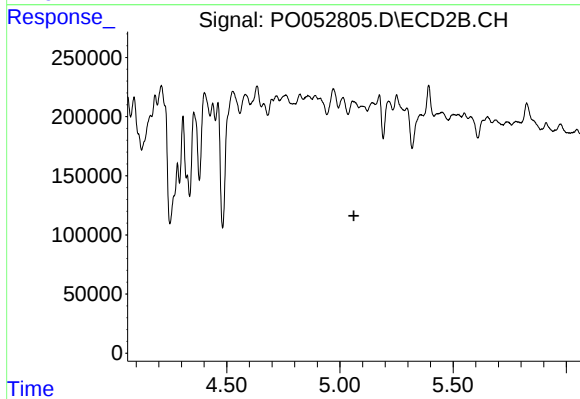
#24 AR-1248-4

R.T.: 4.721 min  
Delta R.T.: 0.026 min  
Response: 166038  
Conc: 19.40 ng/ml



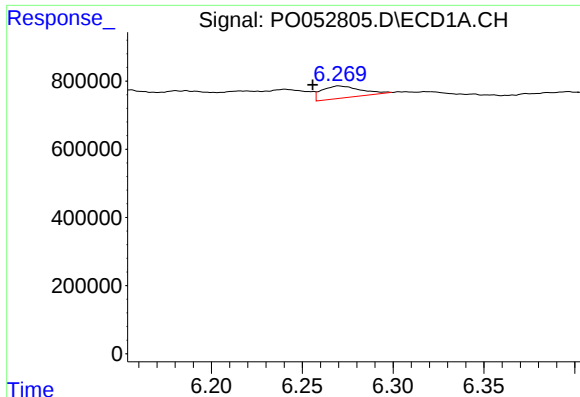
#25 AR-1248-5

R.T.: 6.270 min  
Delta R.T.: -0.052 min  
Response: 525869  
Conc: 24.08 ng/ml



#25 AR-1248-5

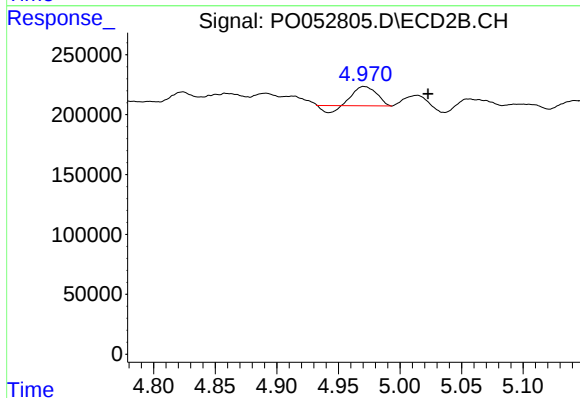
R.T.: 0.000 min  
Exp R.T.: 5.061 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

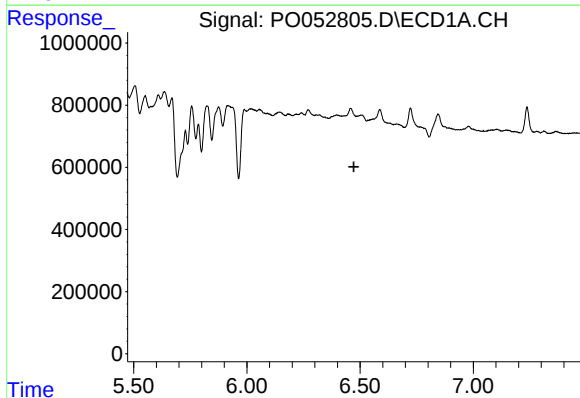
R.T.: 6.270 min  
Delta R.T.: 0.014 min  
Response: 525869  
Conc: 21.05 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



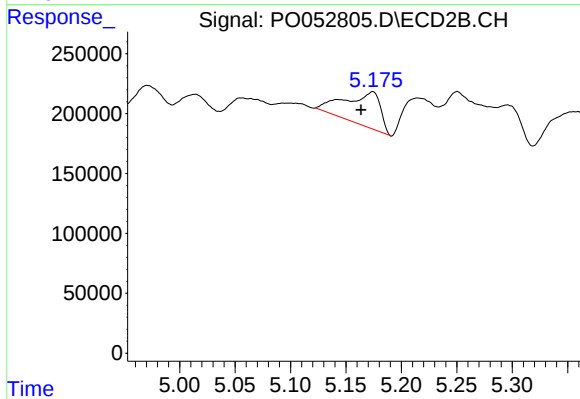
#26 AR-1254-1

R.T.: 4.971 min  
Delta R.T.: -0.052 min  
Response: 184437  
Conc: 13.38 ng/ml



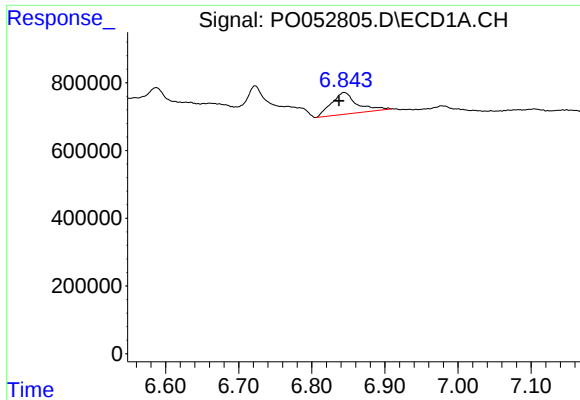
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 6.472 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

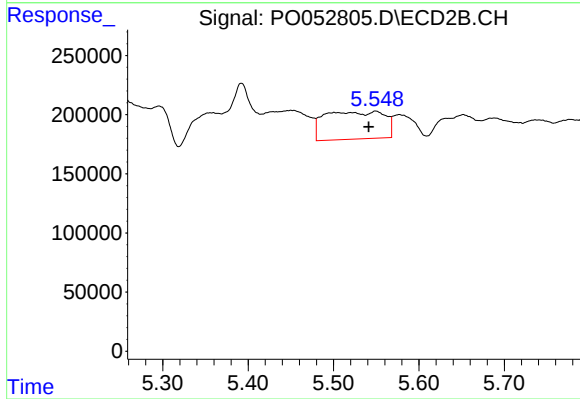
R.T.: 5.174 min  
Delta R.T.: 0.011 min  
Response: 637322  
Conc: 51.98 ng/ml



#28 AR-1254-3

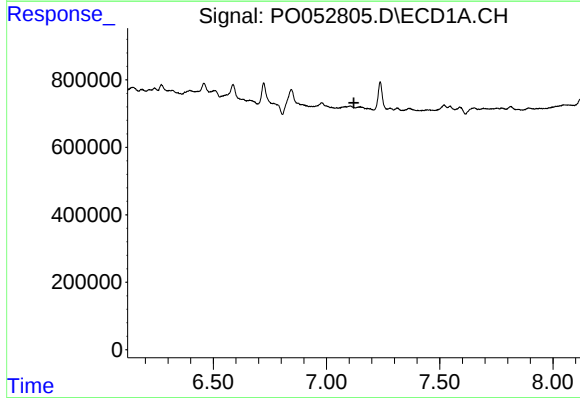
R.T.: 6.844 min  
Delta R.T.: 0.007 min  
Response: 1565861  
Conc: 39.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



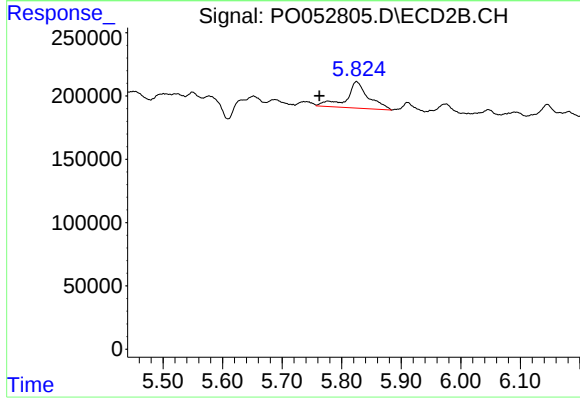
#28 AR-1254-3

R.T.: 5.549 min  
Delta R.T.: 0.008 min  
Response: 1134126  
Conc: 58.86 ng/ml



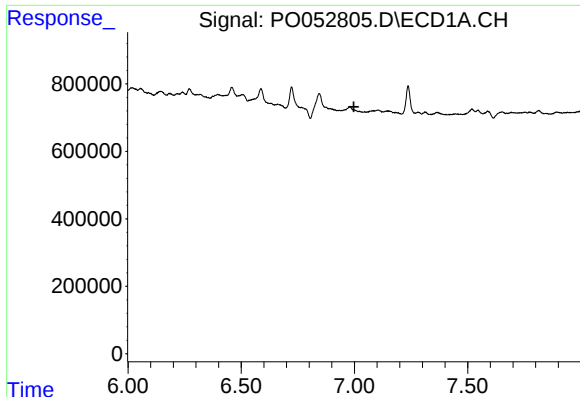
#29 AR-1254-4

R.T.: 0.000 min  
Exp R.T. : 7.121 min  
Response: 0  
Conc: N.D.



#29 AR-1254-4

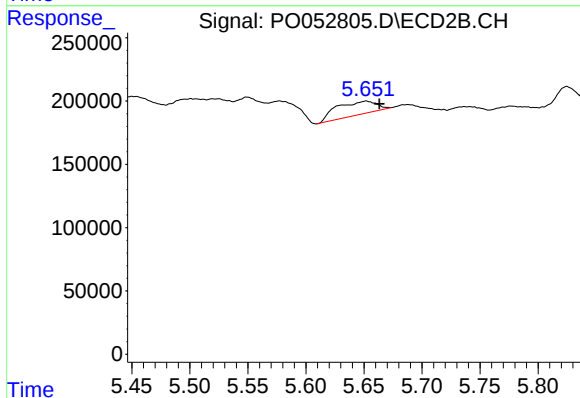
R.T.: 5.825 min  
Delta R.T.: 0.062 min  
Response: 539493  
Conc: 48.33 ng/ml



#31 AR-1260-1

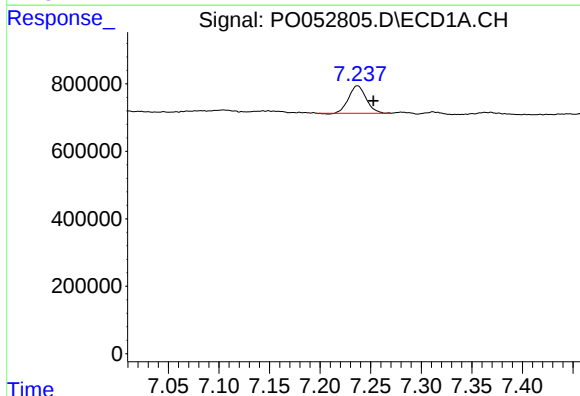
R.T.: 0.000 min  
Exp R.T.: 6.998 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



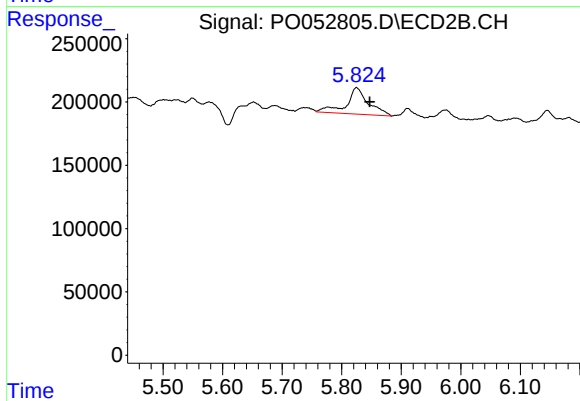
#31 AR-1260-1

R.T.: 5.652 min  
Delta R.T.: -0.011 min  
Response: 255475  
Conc: 18.63 ng/ml



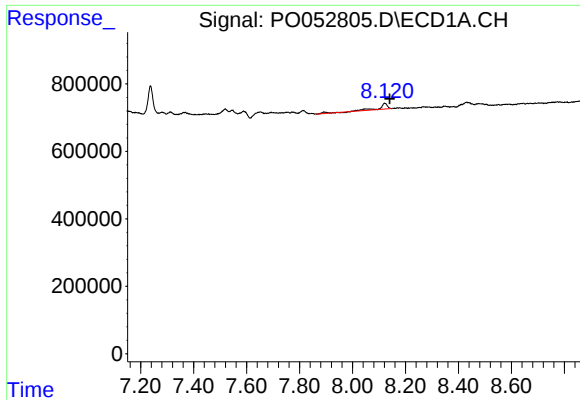
#32 AR-1260-2

R.T.: 7.237 min  
Delta R.T.: -0.016 min  
Response: 977933  
Conc: 27.96 ng/ml



#32 AR-1260-2

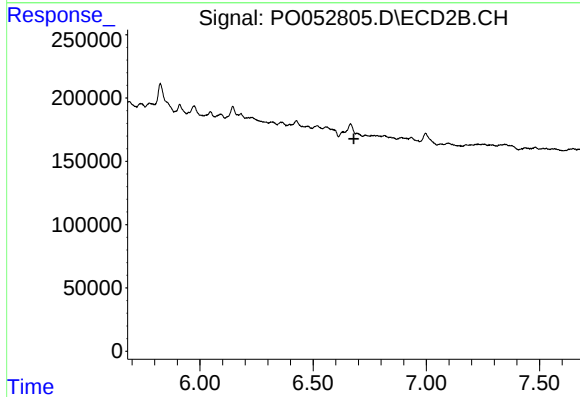
R.T.: 5.825 min  
Delta R.T.: -0.022 min  
Response: 539493  
Conc: 32.47 ng/ml



#35 AR-1260-5

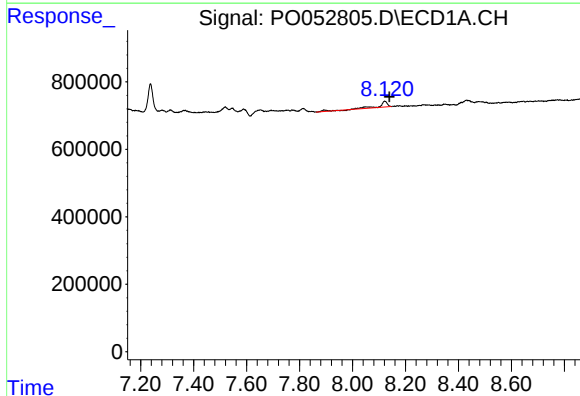
R.T.: 8.121 min  
Delta R.T.: -0.020 min  
Response: 377726  
Conc: 7.70 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



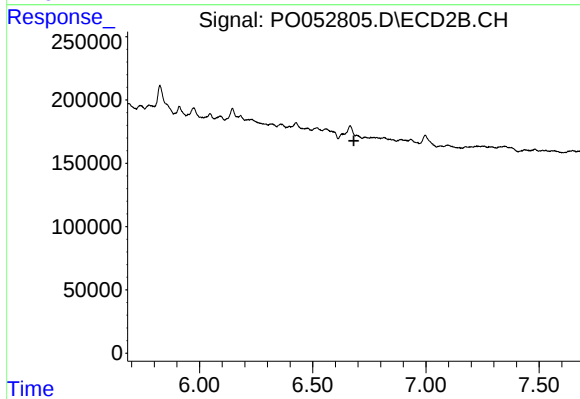
#35 AR-1260-5

R.T.: 0.000 min  
Exp R.T. : 6.680 min  
Response: 0  
Conc: N.D.



#37 AR-1262-2

R.T.: 8.121 min  
Delta R.T.: -0.019 min  
Response: 377726  
Conc: 6.11 ng/ml



#37 AR-1262-2

R.T.: 0.000 min  
Exp R.T. : 6.681 min  
Response: 0  
Conc: N.D.