

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP081621\  
 Data File : PP038425.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 16 Aug 2021 14:52  
 Operator : AJ\MA  
 Sample : M3419-07  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 17 02:15:06 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP080521.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Aug 06 03:08:47 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... | 4.888  | 3.874  | 789537 | 536086 | 17.766  | 20.814    |
| 2)                          | SA Decachlor... | 10.877 | 9.136  | 498385 | 435779 | 21.908  | 16.843    |
|                             |                 |        |        |        |        |         |           |
| Target Compounds            |                 |        |        |        |        |         |           |
| 3)                          | L1 AR-1016-1    | 6.207  | 5.142f | 6297   | 1990   | 4.240   | 2.061 #   |
| 4)                          | L1 AR-1016-2    | 6.207f | 5.142  | 6297   | 1990   | 2.957   | 1.486 #   |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.615  | 0      | 19350  | N.D.    | 25.218 #  |
| 8)                          | L2 AR-1221-1    | 5.139  | 0.000  | 45615  | 0      | 84.155  | N.D. #    |
| 9)                          | L2 AR-1221-2    | 5.242  | 0.000  | 12199  | 0      | 30.186  | N.D. #    |
| 12)                         | L3 AR-1232-2    | 5.927  | 5.142  | 357957 | 1990   | 656.074 | 3.269 #   |
| 13)                         | L3 AR-1232-3    | 6.207f | 0.000  | 6297   | 0      | 6.397   | N.D. #    |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.615  | 0      | 19350  | N.D.    | 52.213 #  |
| 16)                         | L4 AR-1242-1    | 6.207  | 5.142f | 6297   | 1990   | 5.563   | 2.762 #   |
| 17)                         | L4 AR-1242-2    | 6.207f | 5.142  | 6297   | 1990   | 3.913   | 1.991 #   |
| 21)                         | L5 AR-1248-1    | 6.207  | 5.142f | 6297   | 1990   | 7.411   | 3.761 #   |
| 24)                         | L5 AR-1248-4    | 0.000  | 5.615  | 0      | 19350  | N.D.    | 20.997 #  |
| 27)                         | L6 AR-1254-2    | 7.350  | 0.000  | 34442  | 0      | 18.210  | N.D. #    |
| 28)                         | L6 AR-1254-3    | 7.742  | 6.586  | 123730 | 102460 | 62.366  | 54.272    |
| 30)                         | L6 AR-1254-5    | 8.479f | 7.232  | 345557 | 306016 | 237.782 | 185.442   |
| 32)                         | L7 AR-1260-2    | 8.161  | 0.000  | 406092 | 0      | 235.873 | N.D. #    |
| 33)                         | L7 AR-1260-3    | 0.000  | 7.060  | 0      | 42365  | N.D.    | 27.831 #  |
| 35)                         | L7 AR-1260-5    | 9.083  | 0.000  | 24168  | 0      | 9.103   | N.D. #    |
| 36)                         | L8 AR-1262-1    | 0.000  | 7.232  | 0      | 306016 | N.D.    | 334.803 # |
| 37)                         | L8 AR-1262-2    | 9.083  | 0.000  | 24168  | 0      | 8.504   | N.D. #    |
| 38)                         | L8 AR-1262-3    | 9.389  | 8.069  | 25117  | 28147  | 21.208  | 22.249    |
| 39)                         | L8 AR-1262-4    | 9.486  | 8.132  | 25486  | 20921  | 33.308  | 8.835 #   |
| 41)                         | L9 AR-1268-1    | 9.389  | 8.069  | 25117  | 28147  | 7.687   | 7.756     |
| 42)                         | L9 AR-1268-2    | 9.486  | 8.132  | 25486  | 20921  | 8.332   | 6.124 #   |
| 43)                         | L9 AR-1268-3    | 9.707  | 8.340  | 29047  | 28618  | 11.450  | 10.044    |
| 45)                         | L9 AR-1268-5    | 10.547 | 8.902  | 101702 | 108409 | 12.118  | 11.423    |
| -----                       |                 |        |        |        |        |         |           |

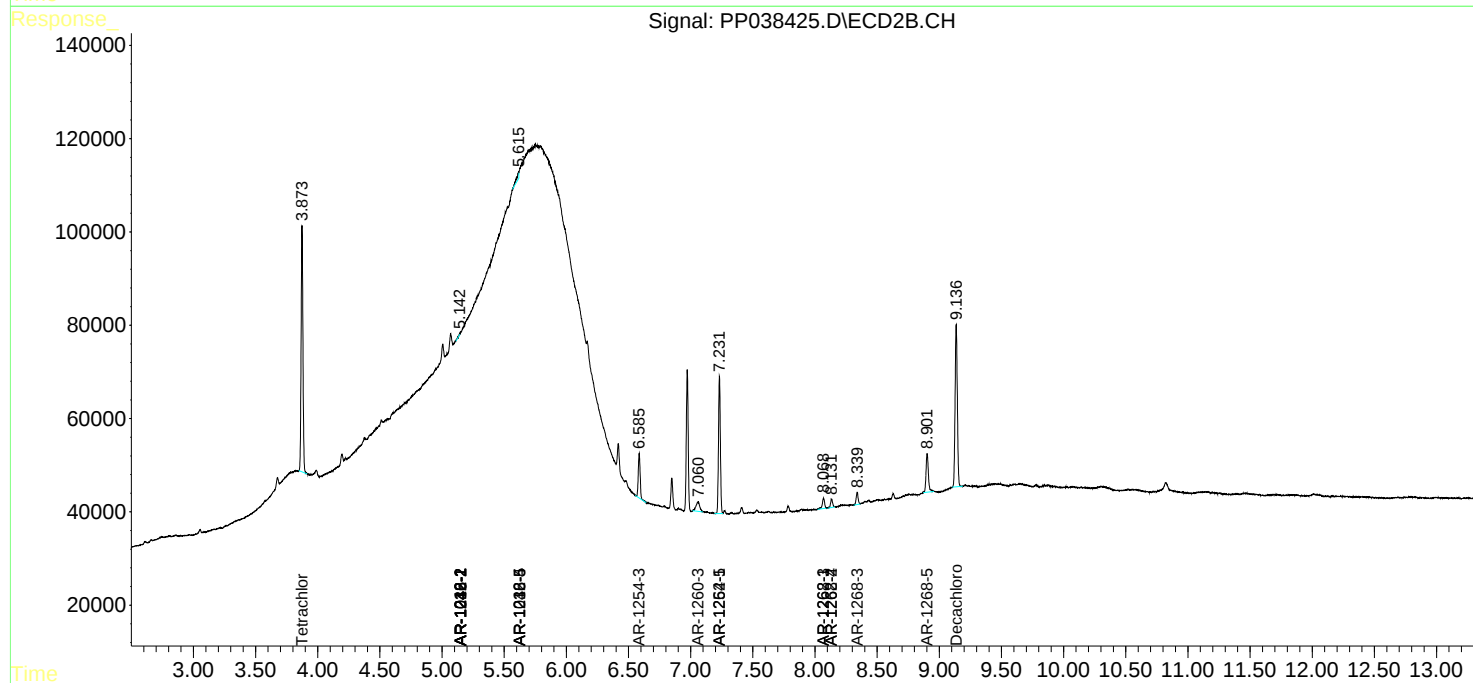
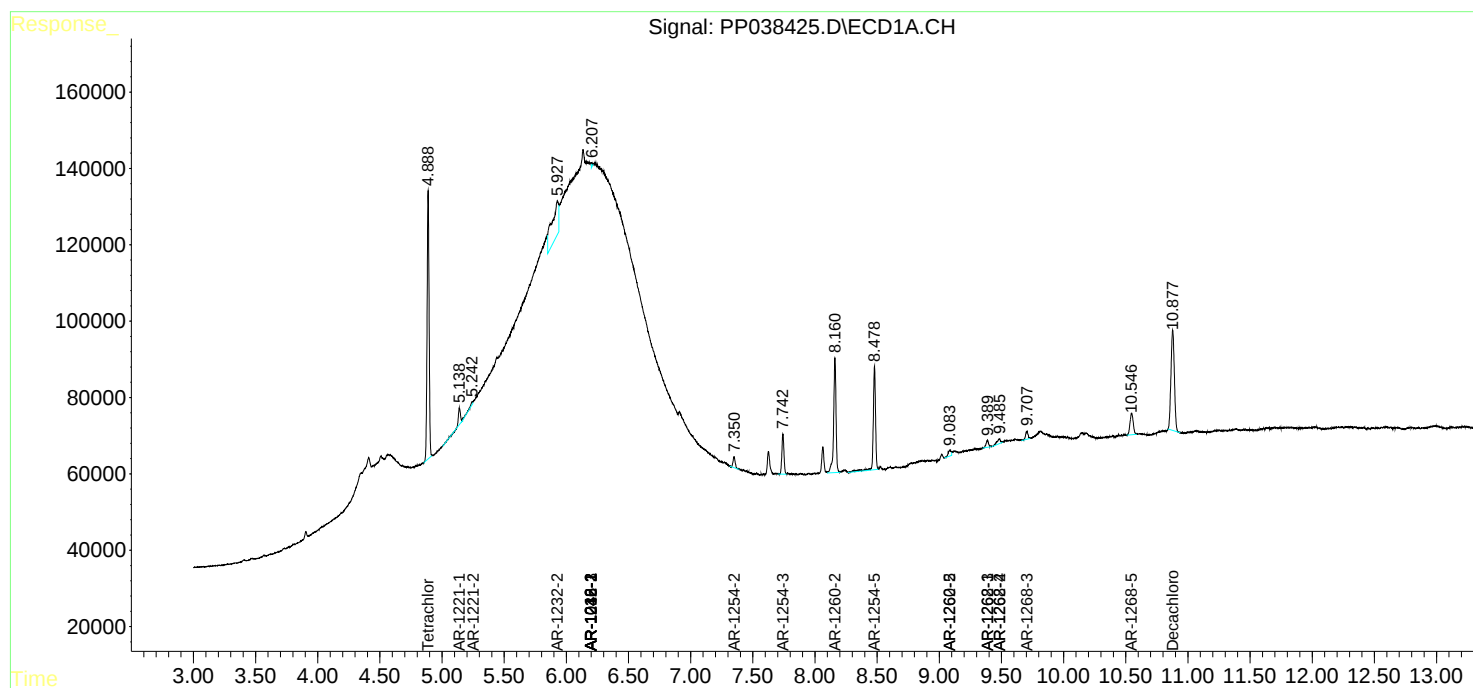
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

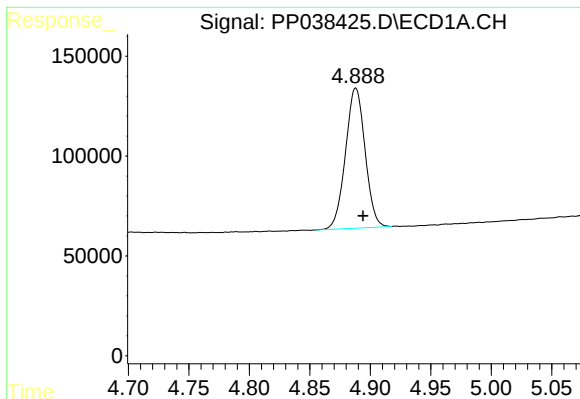
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP081621\  
Data File : PP038425.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 16 Aug 2021 14:52  
Operator : AJ\MA  
Sample : M3419-07  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 17 02:15:06 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP080521.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Aug 06 03:08:47 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

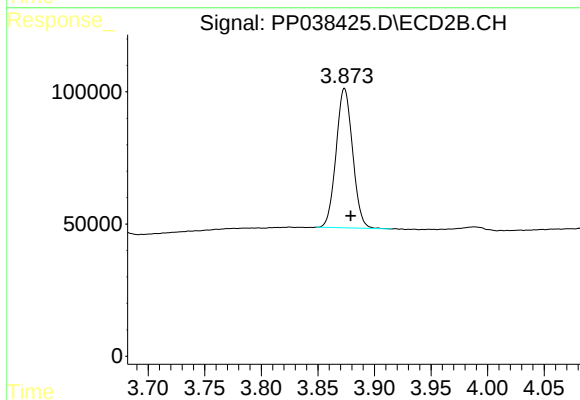




#1 Tetrachloro-m-xylene

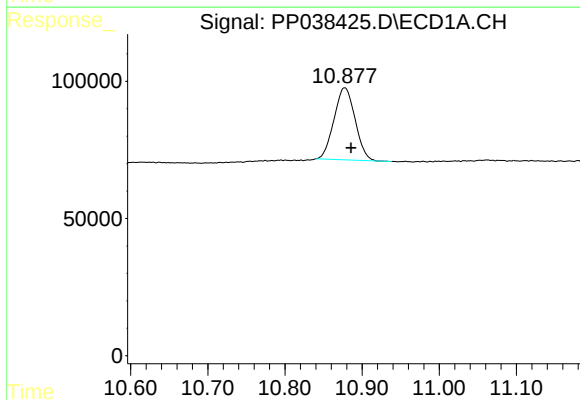
R.T.: 4.888 min  
Delta R.T.: -0.006 min  
Response: 789537  
Conc: 17.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



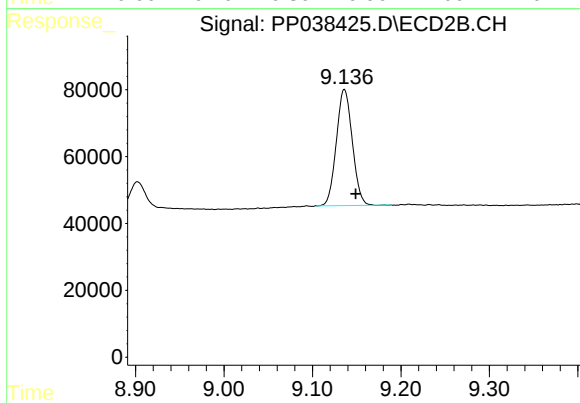
#1 Tetrachloro-m-xylene

R.T.: 3.874 min  
Delta R.T.: -0.005 min  
Response: 536086  
Conc: 20.81 ng/ml



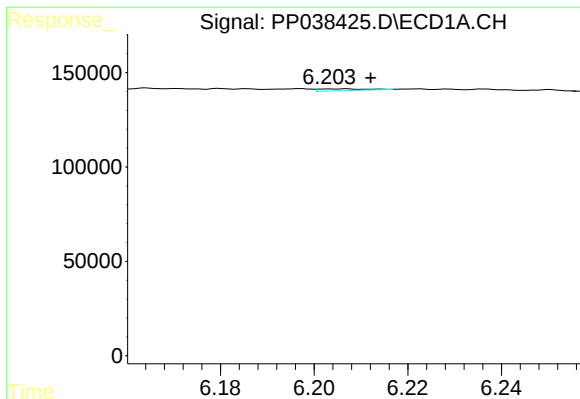
#2 Decachlorobiphenyl

R.T.: 10.877 min  
Delta R.T.: -0.008 min  
Response: 498385  
Conc: 21.91 ng/ml



#2 Decachlorobiphenyl

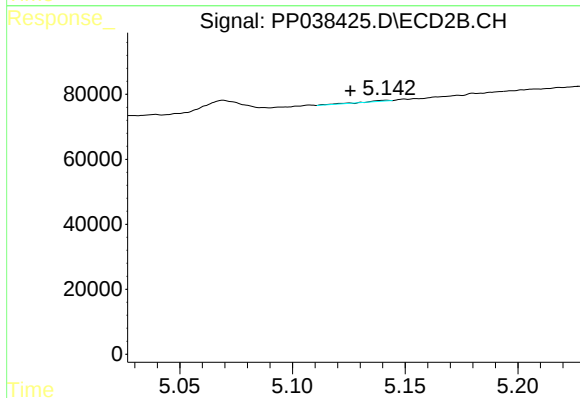
R.T.: 9.136 min  
Delta R.T.: -0.013 min  
Response: 435779  
Conc: 16.84 ng/ml



#3 AR-1016-1

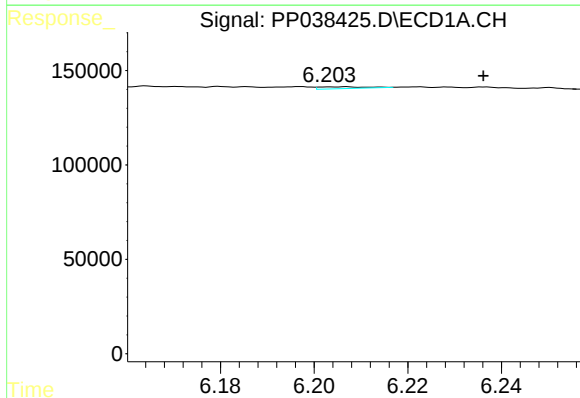
R.T.: 6.207 min  
Delta R.T.: -0.005 min  
Response: 6297  
Conc: 4.24 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



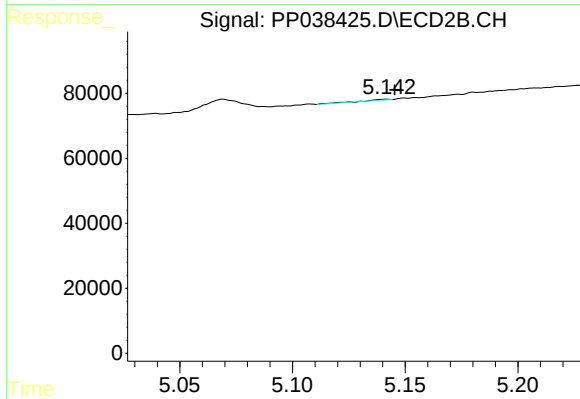
#3 AR-1016-1

R.T.: 5.142 min  
Delta R.T.: 0.016 min  
Response: 1990  
Conc: 2.06 ng/ml



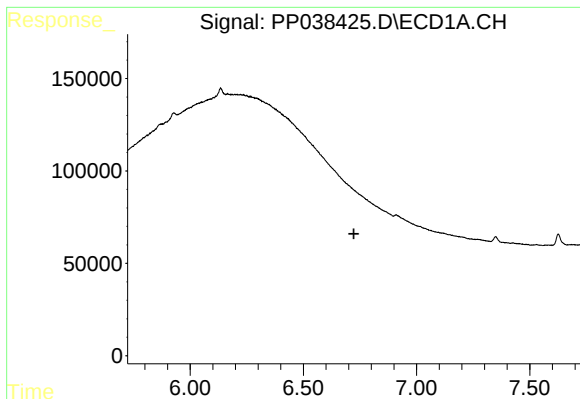
#4 AR-1016-2

R.T.: 6.207 min  
Delta R.T.: -0.029 min  
Response: 6297  
Conc: 2.96 ng/ml



#4 AR-1016-2

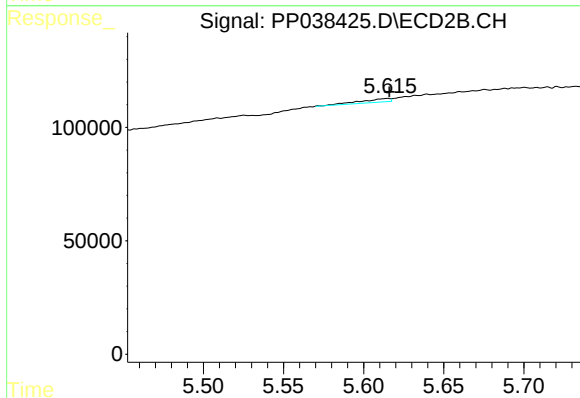
R.T.: 5.142 min  
Delta R.T.: -0.004 min  
Response: 1990  
Conc: 1.49 ng/ml



#7 AR-1016-5

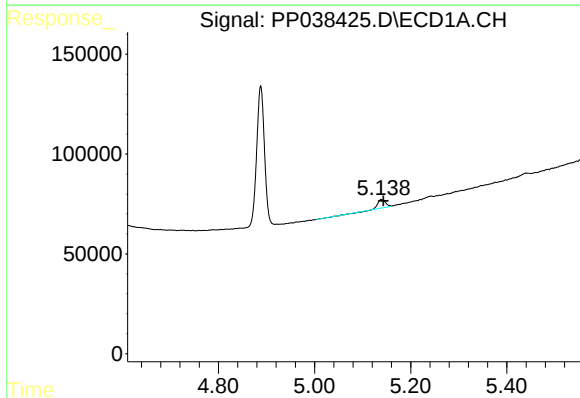
R.T.: 0.000 min  
Exp R.T.: 6.723 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



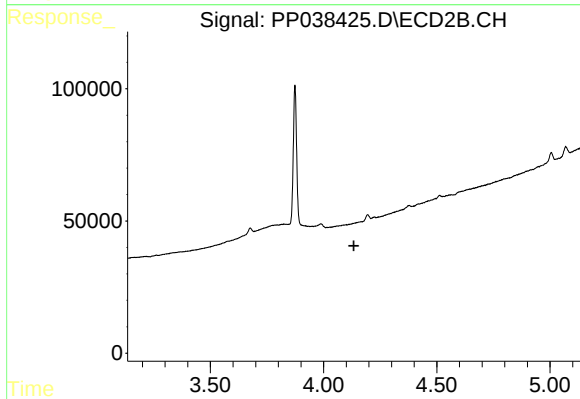
#7 AR-1016-5

R.T.: 5.615 min  
Delta R.T.: 0.000 min  
Response: 19350  
Conc: 25.22 ng/ml



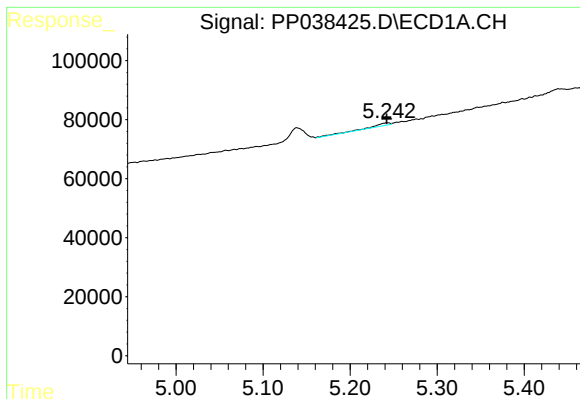
#8 AR-1221-1

R.T.: 5.139 min  
Delta R.T.: -0.004 min  
Response: 45615  
Conc: 84.15 ng/ml



#8 AR-1221-1

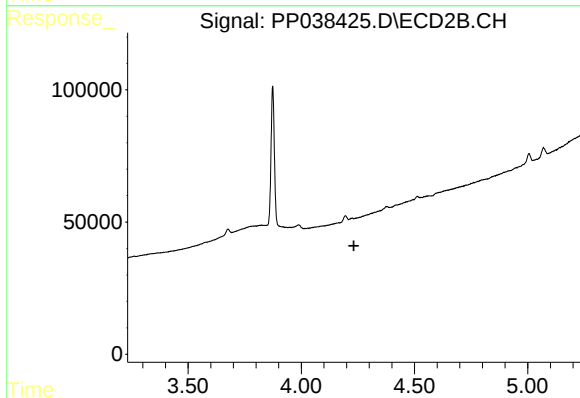
R.T.: 0.000 min  
Exp R.T.: 4.134 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

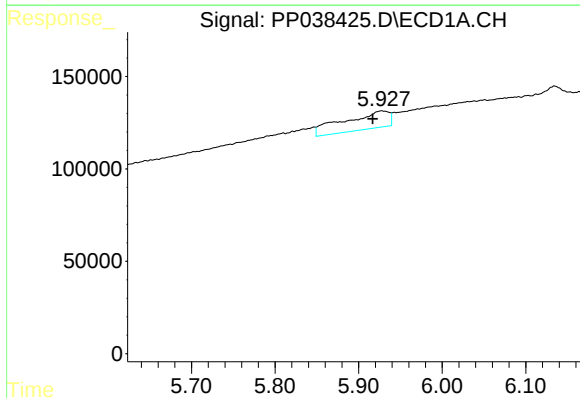
R.T.: 5.242 min  
Delta R.T.: 0.000 min  
Response: 12199  
Conc: 30.19 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



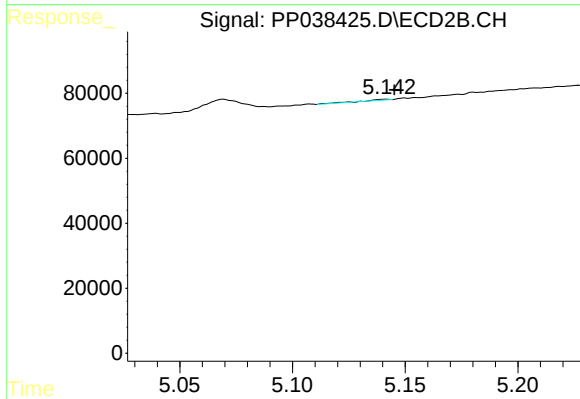
#9 AR-1221-2

R.T.: 0.000 min  
Exp R.T. : 4.232 min  
Response: 0  
Conc: N.D.



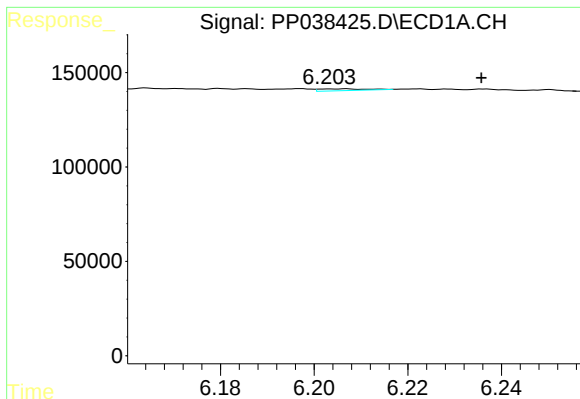
#12 AR-1232-2

R.T.: 5.927 min  
Delta R.T.: 0.011 min  
Response: 357957  
Conc: 656.07 ng/ml



#12 AR-1232-2

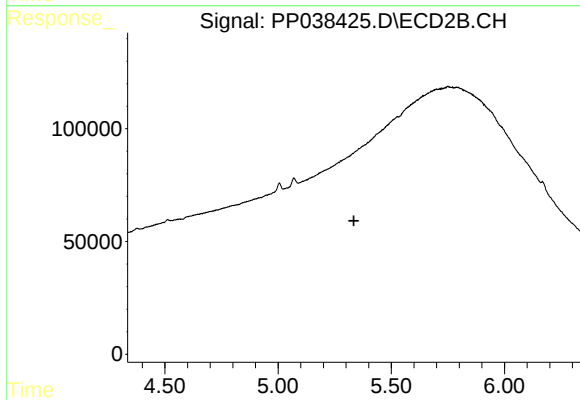
R.T.: 5.142 min  
Delta R.T.: -0.003 min  
Response: 1990  
Conc: 3.27 ng/ml



#13 AR-1232-3

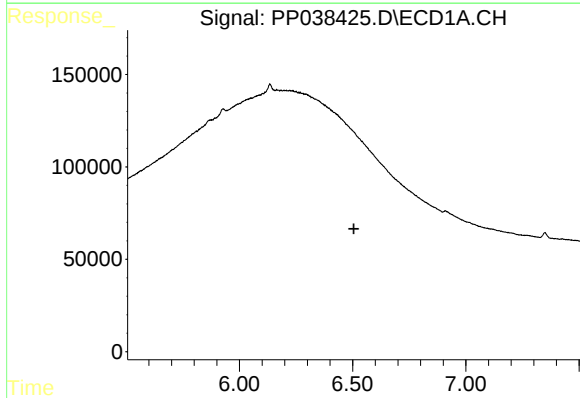
R.T.: 6.207 min  
Delta R.T.: -0.029 min  
Response: 6297  
Conc: 6.40 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



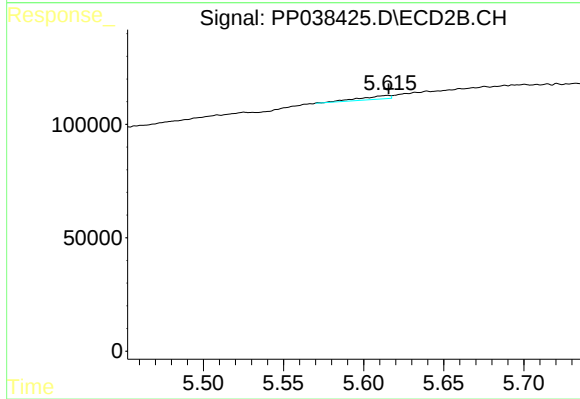
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.335 min  
Response: 0  
Conc: N.D.



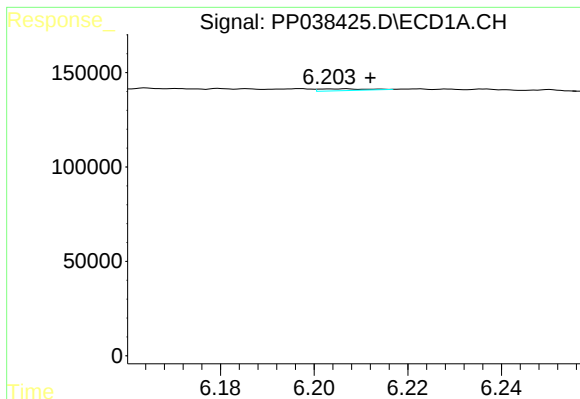
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 6.506 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

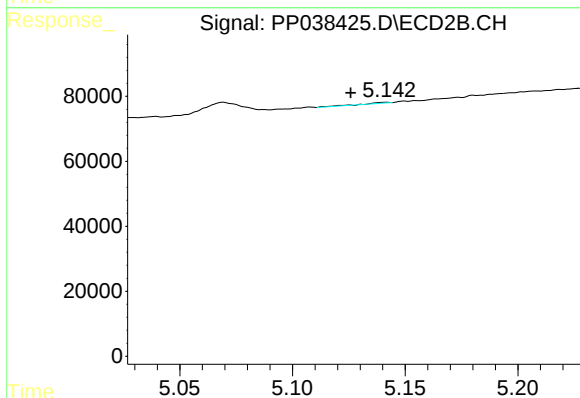
R.T.: 5.615 min  
Delta R.T.: 0.000 min  
Response: 19350  
Conc: 52.21 ng/ml



#16 AR-1242-1

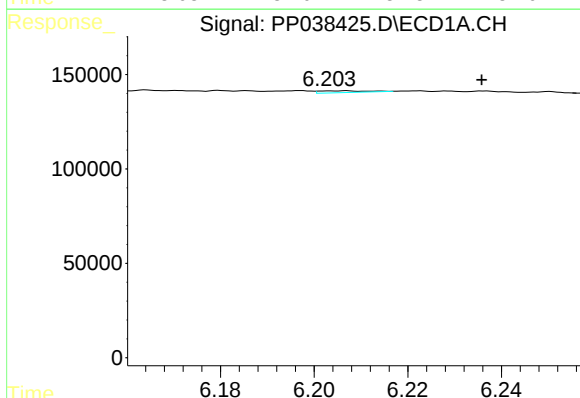
R.T.: 6.207 min  
Delta R.T.: -0.005 min  
Response: 6297  
Conc: 5.56 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



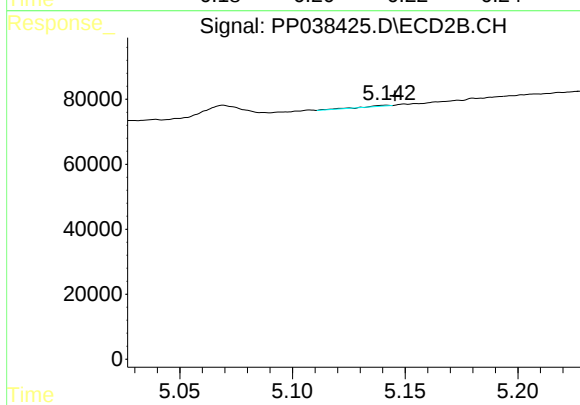
#16 AR-1242-1

R.T.: 5.142 min  
Delta R.T.: 0.016 min  
Response: 1990  
Conc: 2.76 ng/ml



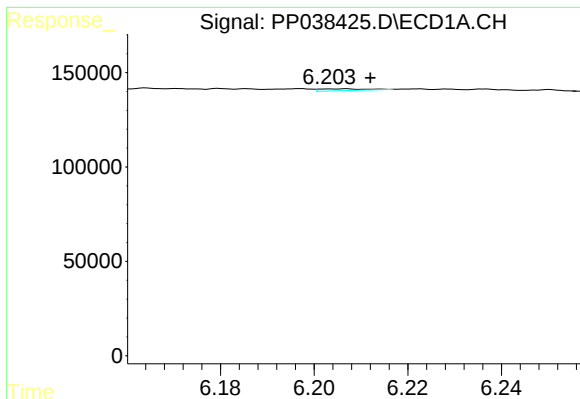
#17 AR-1242-2

R.T.: 6.207 min  
Delta R.T.: -0.029 min  
Response: 6297  
Conc: 3.91 ng/ml



#17 AR-1242-2

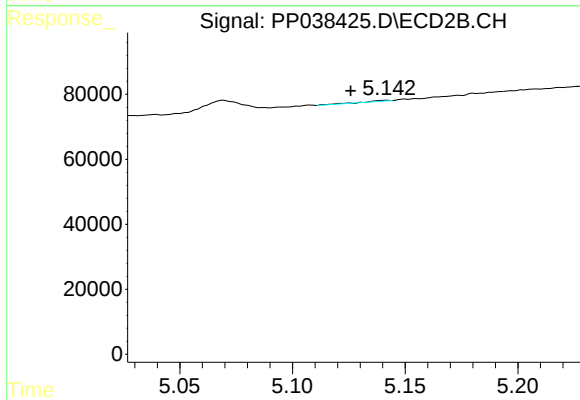
R.T.: 5.142 min  
Delta R.T.: -0.004 min  
Response: 1990  
Conc: 1.99 ng/ml



#21 AR-1248-1

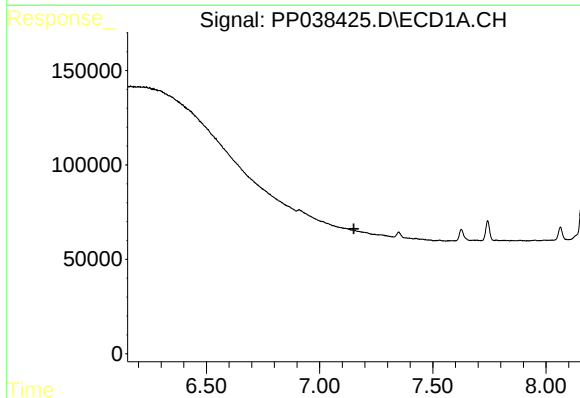
R.T.: 6.207 min  
Delta R.T.: -0.005 min  
Response: 6297  
Conc: 7.41 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



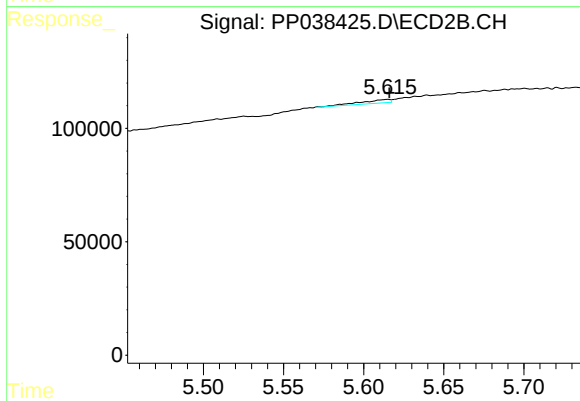
#21 AR-1248-1

R.T.: 5.142 min  
Delta R.T.: 0.016 min  
Response: 1990  
Conc: 3.76 ng/ml



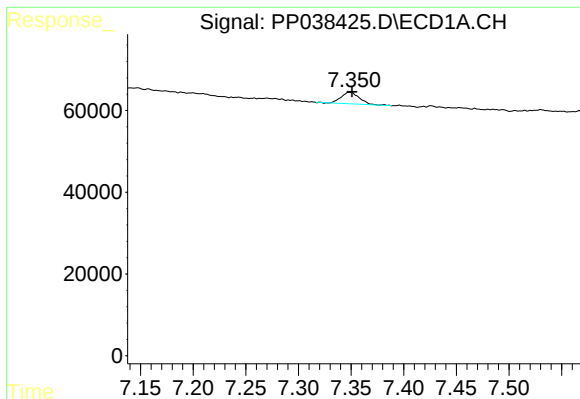
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 7.152 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

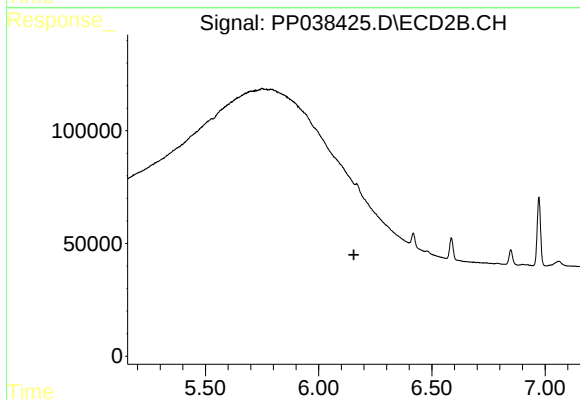
R.T.: 5.615 min  
Delta R.T.: 0.000 min  
Response: 19350  
Conc: 21.00 ng/ml



#27 AR-1254-2

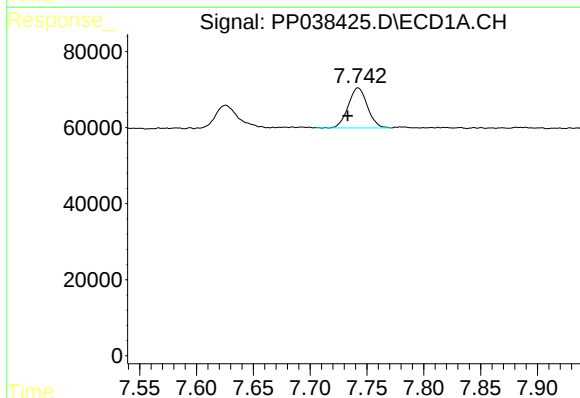
R.T.: 7.350 min  
Delta R.T.: 0.000 min  
Response: 34442  
Conc: 18.21 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



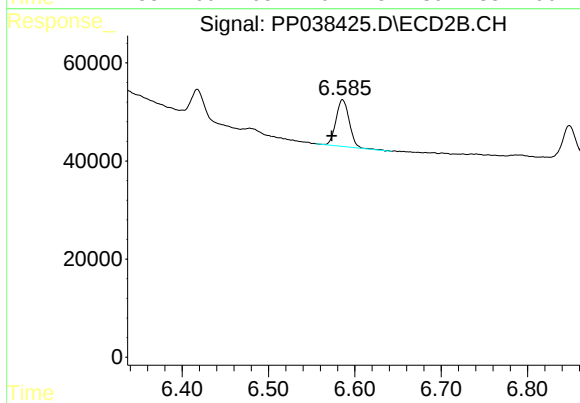
#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 6.155 min  
Response: 0  
Conc: N.D.



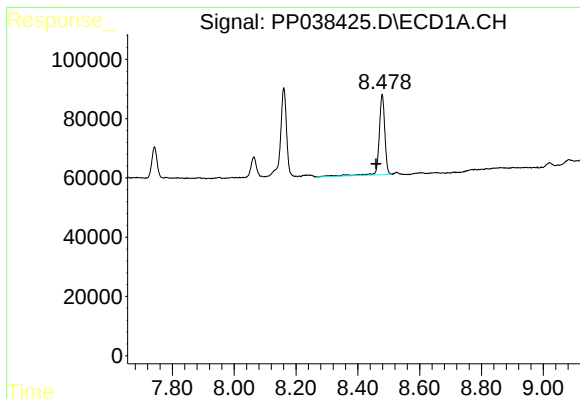
#28 AR-1254-3

R.T.: 7.742 min  
Delta R.T.: 0.009 min  
Response: 123730  
Conc: 62.37 ng/ml



#28 AR-1254-3

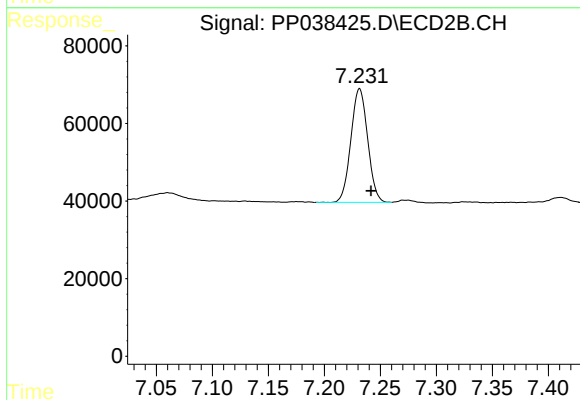
R.T.: 6.586 min  
Delta R.T.: 0.012 min  
Response: 102460  
Conc: 54.27 ng/ml



#30 AR-1254-5

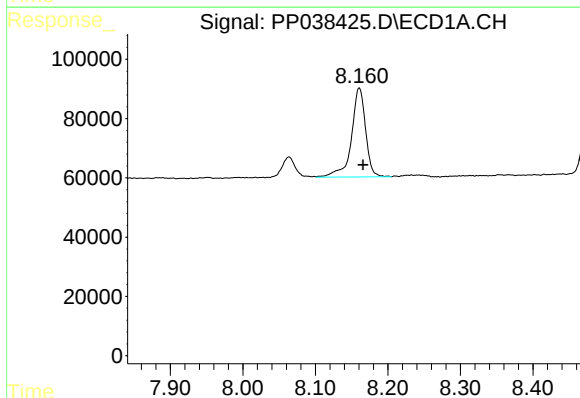
R.T.: 8.479 min  
Delta R.T.: 0.020 min  
Response: 345557  
Conc: 237.78 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



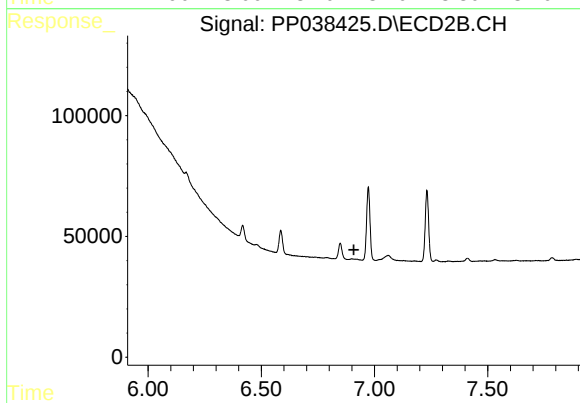
#30 AR-1254-5

R.T.: 7.232 min  
Delta R.T.: -0.010 min  
Response: 306016  
Conc: 185.44 ng/ml



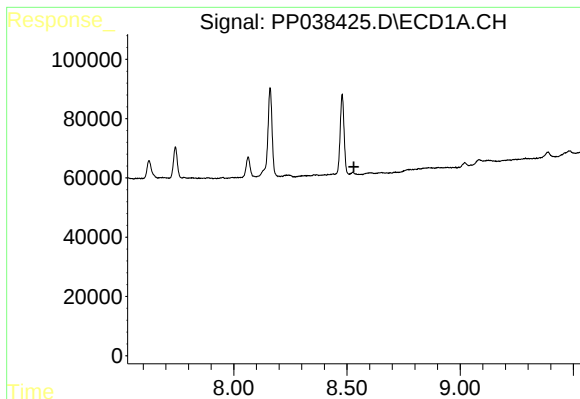
#32 AR-1260-2

R.T.: 8.161 min  
Delta R.T.: -0.005 min  
Response: 406092  
Conc: 235.87 ng/ml



#32 AR-1260-2

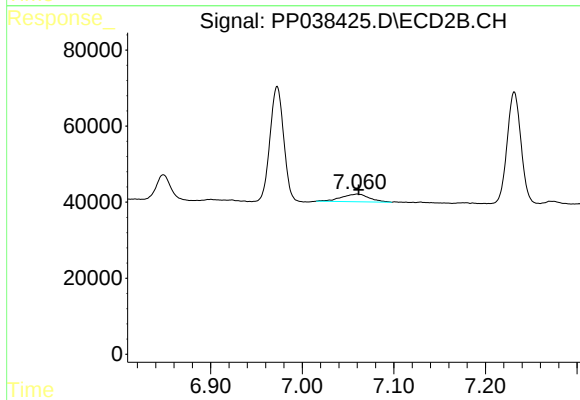
R.T.: 0.000 min  
Exp R.T. : 6.909 min  
Response: 0  
Conc: N.D.



#33 AR-1260-3

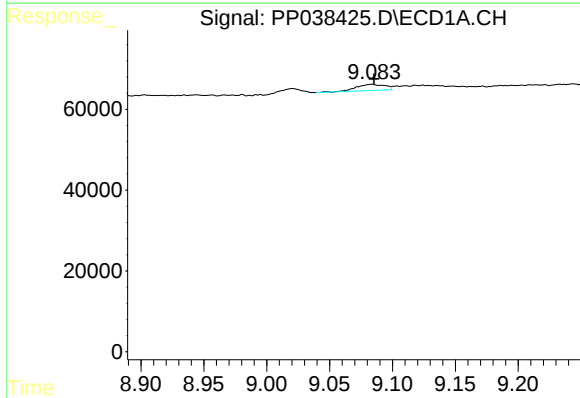
R.T.: 0.000 min  
Exp R.T.: 8.530 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



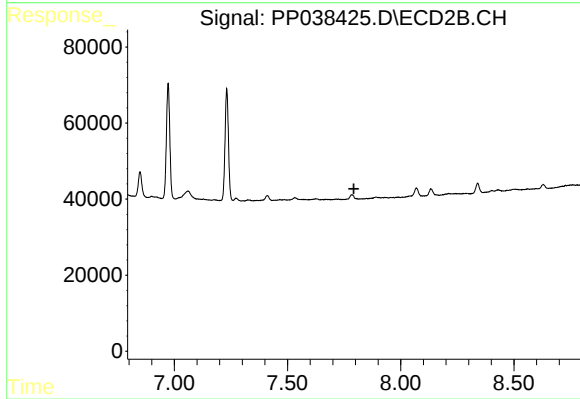
#33 AR-1260-3

R.T.: 7.060 min  
Delta R.T.: -0.002 min  
Response: 42365  
Conc: 27.83 ng/ml



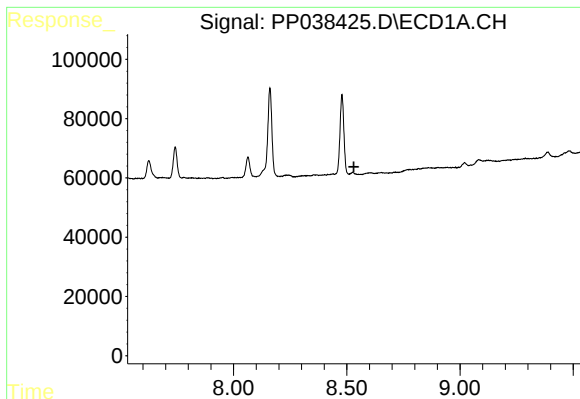
#35 AR-1260-5

R.T.: 9.083 min  
Delta R.T.: -0.002 min  
Response: 24168  
Conc: 9.10 ng/ml



#35 AR-1260-5

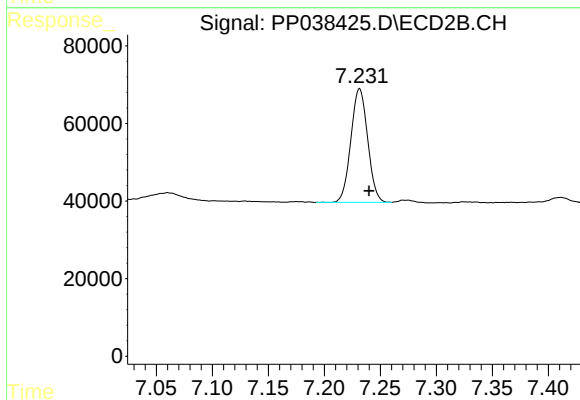
R.T.: 0.000 min  
Exp R.T.: 7.793 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

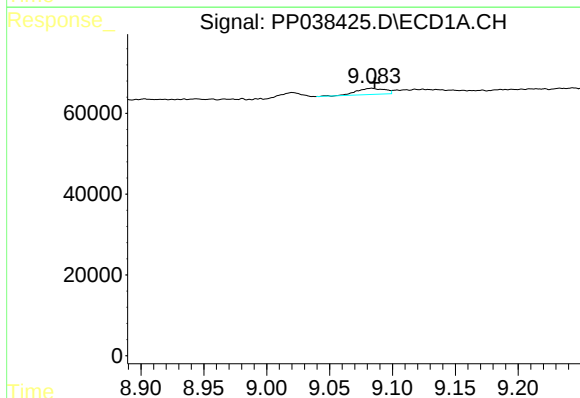
R.T.: 0.000 min  
Exp R.T.: 8.531 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :



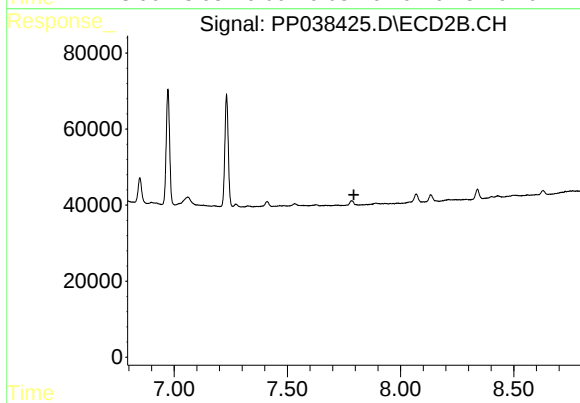
#36 AR-1262-1

R.T.: 7.232 min  
Delta R.T.: -0.009 min  
Response: 306016  
Conc: 334.80 ng/ml



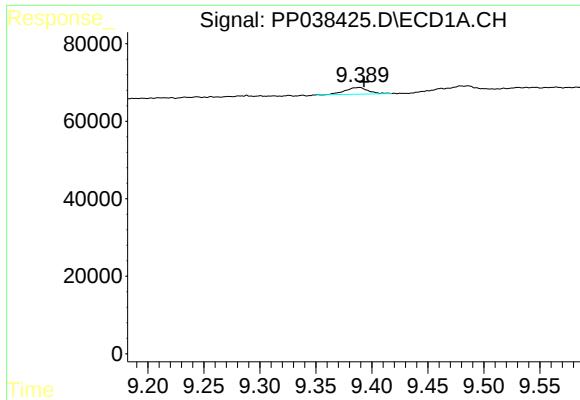
#37 AR-1262-2

R.T.: 9.083 min  
Delta R.T.: -0.003 min  
Response: 24168  
Conc: 8.50 ng/ml



#37 AR-1262-2

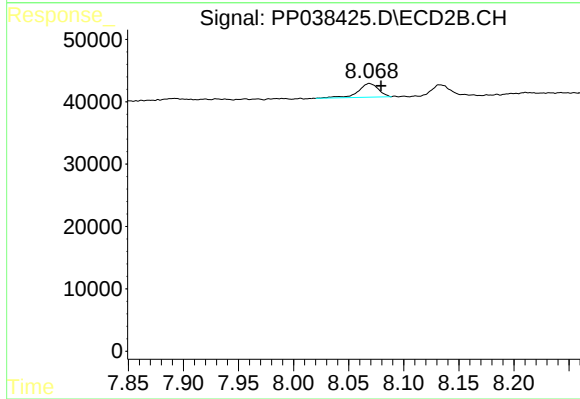
R.T.: 0.000 min  
Exp R.T.: 7.794 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

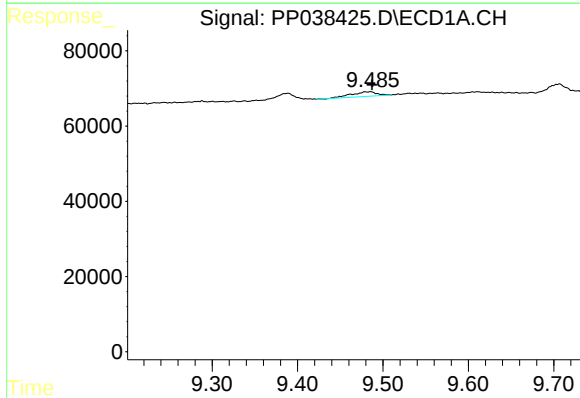
R.T.: 9.389 min  
Delta R.T.: -0.004 min  
Response: 25117  
Conc: 21.21 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



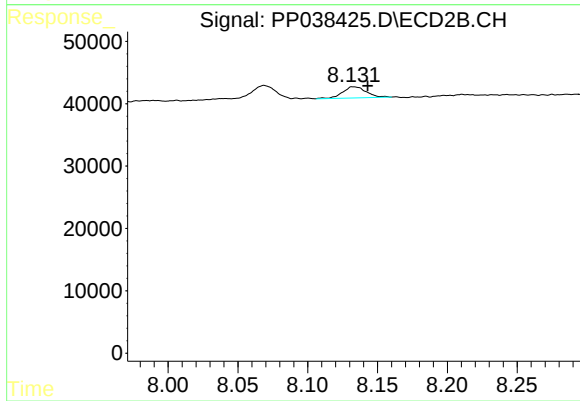
#38 AR-1262-3

R.T.: 8.069 min  
Delta R.T.: -0.011 min  
Response: 28147  
Conc: 22.25 ng/ml



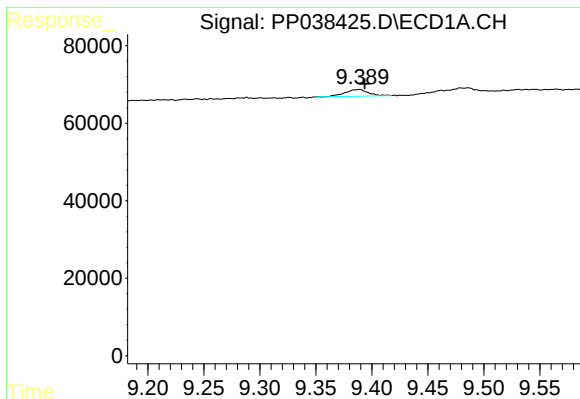
#39 AR-1262-4

R.T.: 9.486 min  
Delta R.T.: -0.001 min  
Response: 25486  
Conc: 33.31 ng/ml



#39 AR-1262-4

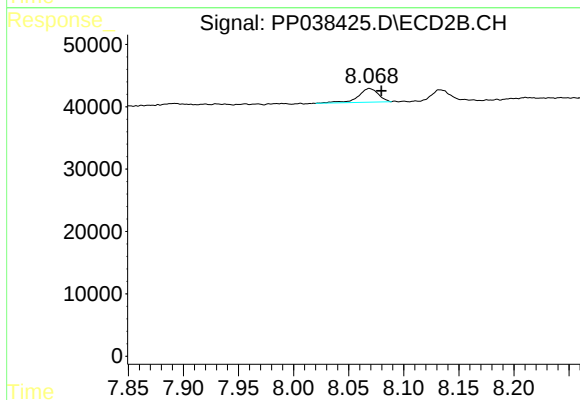
R.T.: 8.132 min  
Delta R.T.: -0.011 min  
Response: 20921  
Conc: 8.84 ng/ml



#41 AR-1268-1

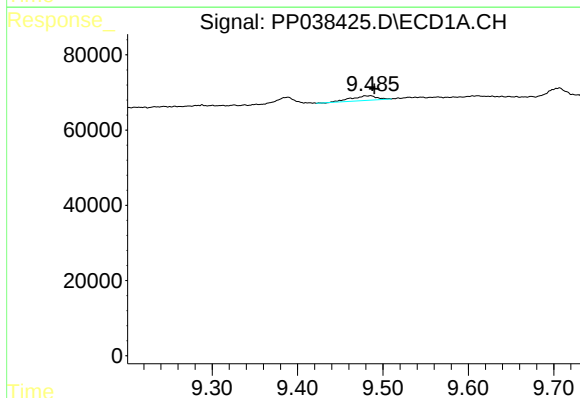
R.T.: 9.389 min  
Delta R.T.: -0.005 min  
Response: 25117  
Conc: 7.69 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



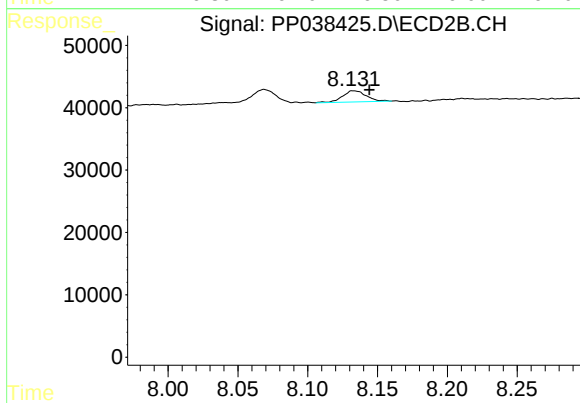
#41 AR-1268-1

R.T.: 8.069 min  
Delta R.T.: -0.011 min  
Response: 28147  
Conc: 7.76 ng/ml



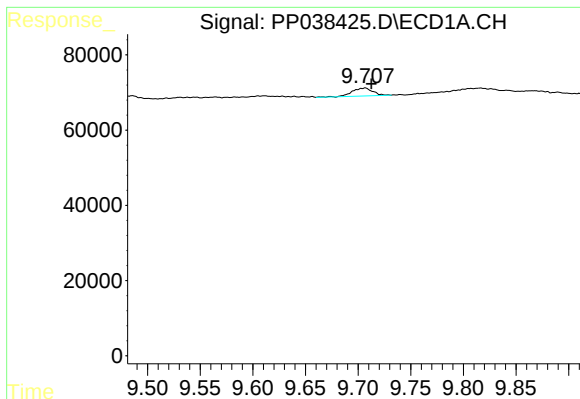
#42 AR-1268-2

R.T.: 9.486 min  
Delta R.T.: -0.004 min  
Response: 25486  
Conc: 8.33 ng/ml



#42 AR-1268-2

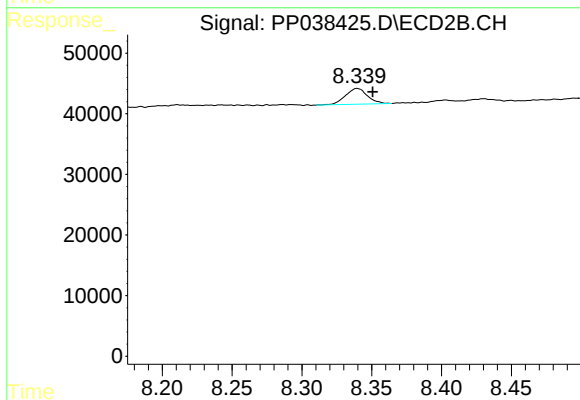
R.T.: 8.132 min  
Delta R.T.: -0.012 min  
Response: 20921  
Conc: 6.12 ng/ml



#43 AR-1268-3

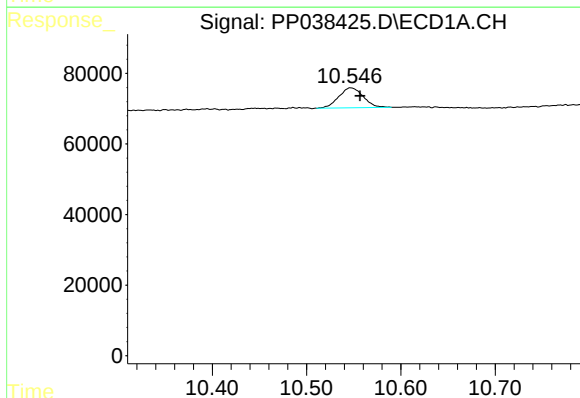
R.T.: 9.707 min  
Delta R.T.: -0.006 min  
Response: 29047  
Conc: 11.45 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :



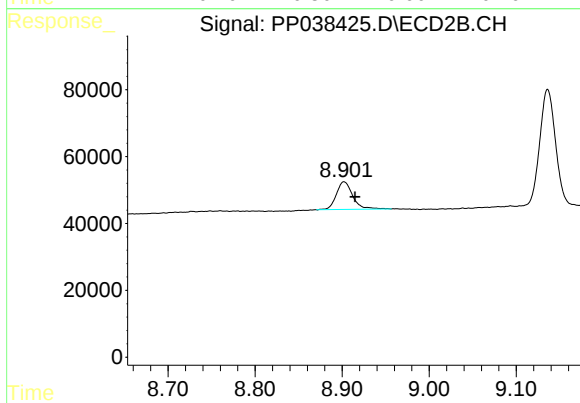
#43 AR-1268-3

R.T.: 8.340 min  
Delta R.T.: -0.011 min  
Response: 28618  
Conc: 10.04 ng/ml



#45 AR-1268-5

R.T.: 10.547 min  
Delta R.T.: -0.010 min  
Response: 101702  
Conc: 12.12 ng/ml



#45 AR-1268-5

R.T.: 8.902 min  
Delta R.T.: -0.013 min  
Response: 108409  
Conc: 11.42 ng/ml