

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0060721\  
 Data File : P0078539.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 08 Jun 2021 1:00  
 Operator : DD\AJ  
 Sample : AR1221ICV500  
 Misc :  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 ICVPO060721AR1221

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 08 05:42:07 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0060721.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Jun 08 05:39:51 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... | 4.336 | 3.612 | 3798581 | 1568055 | 49.732  | 49.633   |
| 2)                          | SA Decachlor... | 9.945 | 8.799 | 2133166 | 1377153 | 52.609  | 57.273   |
| Target Compounds            |                 |       |       |         |         |         |          |
| 3)                          | L1 AR-1016-1    | 5.632 | 4.841 | 58635   | 22812   | 25.041  | 21.807   |
| 4)                          | L1 AR-1016-2    | 5.655 | 4.860 | 116319  | 47740   | 32.264  | 30.240   |
| 5)                          | L1 AR-1016-3    | 5.719 | 5.047 | 87438   | 22099   | 39.981  | 27.597 # |
| 6)                          | L1 AR-1016-4    | 5.824 | 0.000 | 50048   | 0       | 28.526  | N.D. #   |
| 7)                          | L1 AR-1016-5    | 6.134 | 0.000 | 18648   | 0       | 10.749  | N.D. #   |
| 8)                          | L2 AR-1221-1    | 4.586 | 3.865 | 401009  | 175647  | 479.434 | 461.275  |
| 9)                          | L2 AR-1221-2    | 4.682 | 3.962 | 296602  | 130094  | 489.700 | 462.589  |
| 10)                         | L2 AR-1221-3    | 4.767 | 4.047 | 969474  | 433828  | 489.173 | 481.620  |
| 11)                         | L3 AR-1232-1    | 4.767 | 4.047 | 969474  | 433828  | 633.242 | 596.720  |
| 12)                         | L3 AR-1232-2    | 5.341 | 4.860 | 92124   | 47740   | 118.506 | 69.289 # |
| 13)                         | L3 AR-1232-3    | 5.655 | 5.047 | 116319  | 22099   | 79.770  | 64.532   |
| 14)                         | L3 AR-1232-4    | 5.824 | 0.000 | 50048   | 0       | 71.332  | N.D. #   |
| 15)                         | L3 AR-1232-5    | 5.929 | 0.000 | 82480   | 0       | 163.736 | N.D. #   |
| 16)                         | L4 AR-1242-1    | 5.632 | 4.841 | 58635   | 22812   | 32.461  | 27.122   |
| 17)                         | L4 AR-1242-2    | 5.655 | 4.860 | 116319  | 47740   | 43.361  | 38.805   |
| 18)                         | L4 AR-1242-3    | 5.719 | 5.047 | 87438   | 22099   | 53.116  | 34.848 # |
| 19)                         | L4 AR-1242-4    | 5.824 | 0.000 | 50048   | 0       | 37.160  | N.D. #   |
| 20)                         | L4 AR-1242-5    | 6.595 | 0.000 | 23001   | 0       | 17.186  | N.D. #   |
| 21)                         | L5 AR-1248-1    | 5.632 | 4.841 | 58635   | 22812   | 43.126  | 35.297   |
| 22)                         | L5 AR-1248-2    | 5.929 | 0.000 | 82480   | 0       | 42.478  | N.D. #   |
| 23)                         | L5 AR-1248-3    | 6.134 | 0.000 | 18648   | 0       | 8.251   | N.D. #   |
| 24)                         | L5 AR-1248-4    | 6.558 | 0.000 | 30981   | 0       | 13.077  | N.D. #   |
| 25)                         | L5 AR-1248-5    | 6.595 | 0.000 | 23001   | 0       | 9.884   | N.D. #   |
| 26)                         | L6 AR-1254-1    | 6.525 | 0.000 | 19615   | 0       | 7.751   | N.D. #   |
| 27)                         | L6 AR-1254-2    | 6.753 | 0.000 | 25432   | 0       | 6.404   | N.D. #   |
| -----                       |                 |       |       |         |         |         |          |

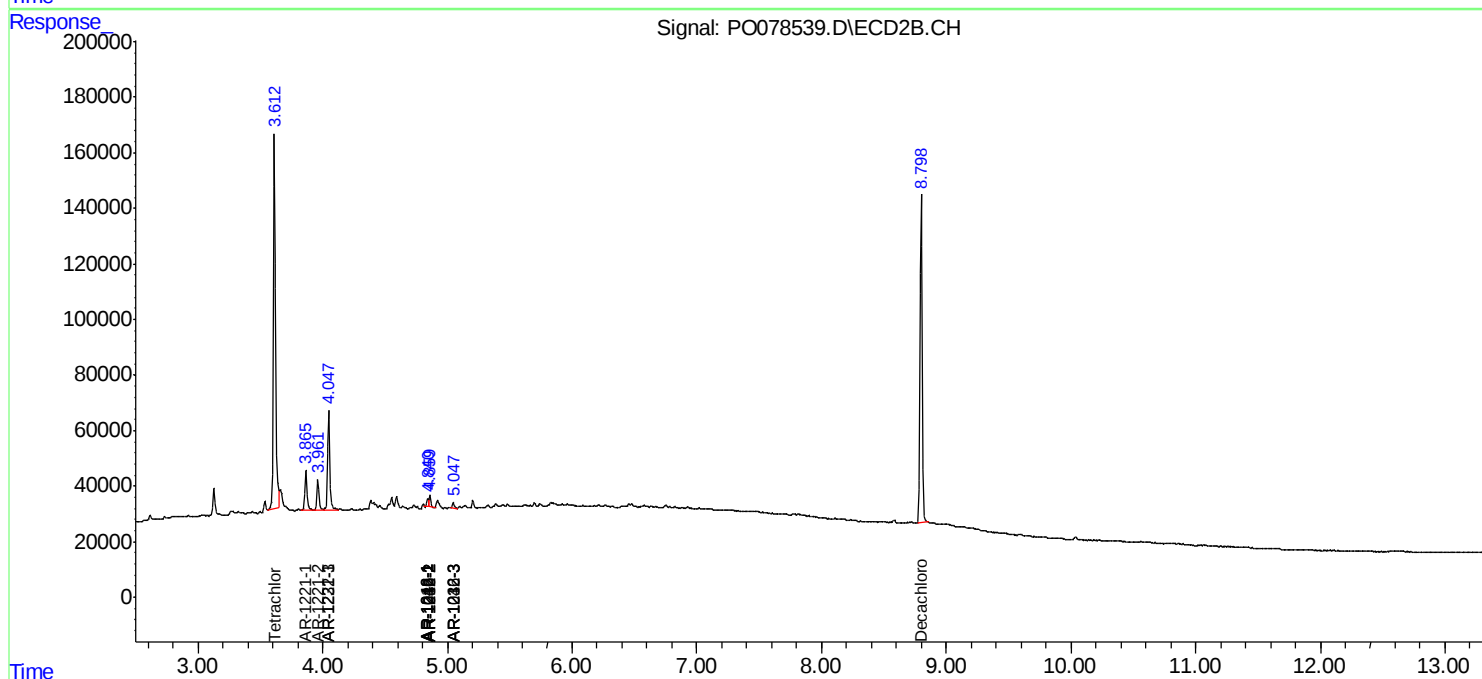
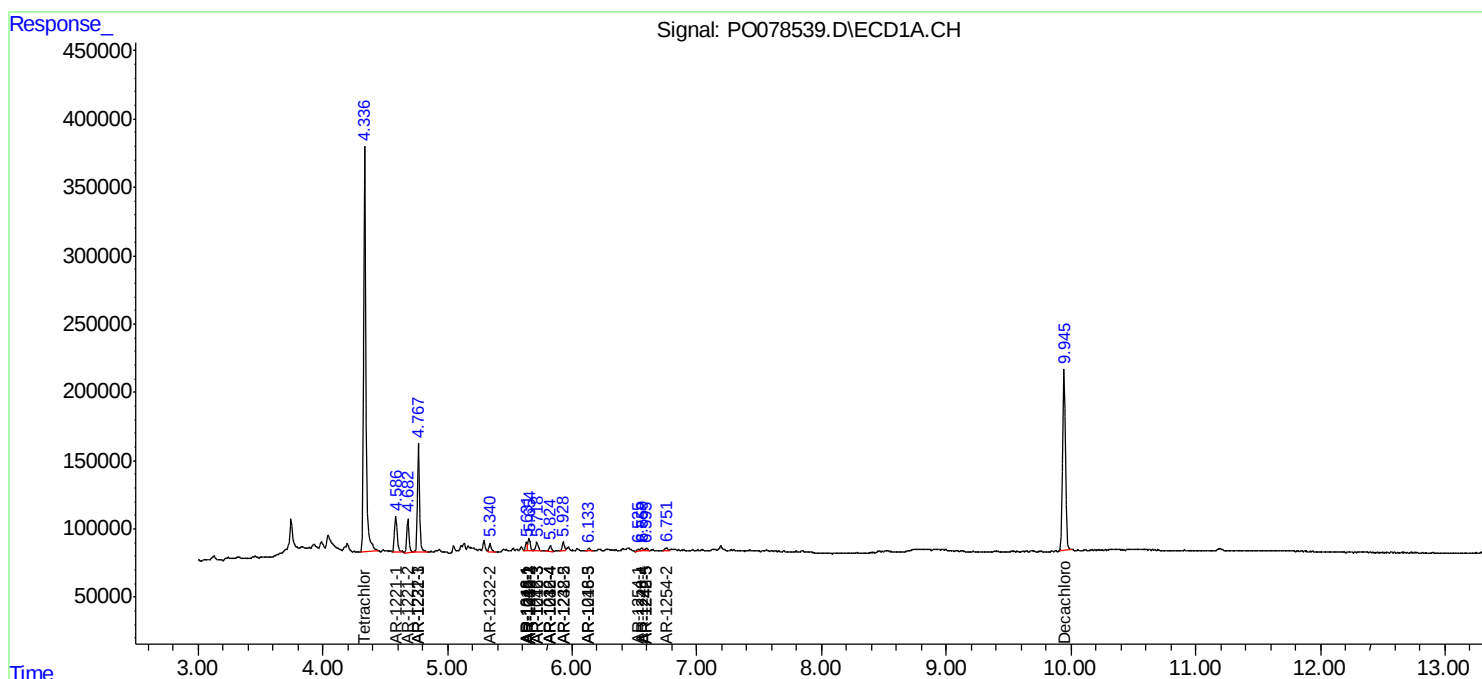
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

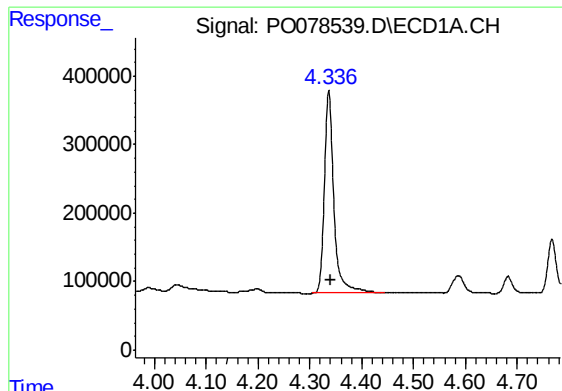
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO060721\  
Data File : PO078539.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 08 Jun 2021 1:00  
Operator : DD\AJ  
Sample : AR1221ICV500  
Misc :  
ALS Vial : 44 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO060721AR1221

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 08 05:42:07 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO060721.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Jun 08 05:39:51 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

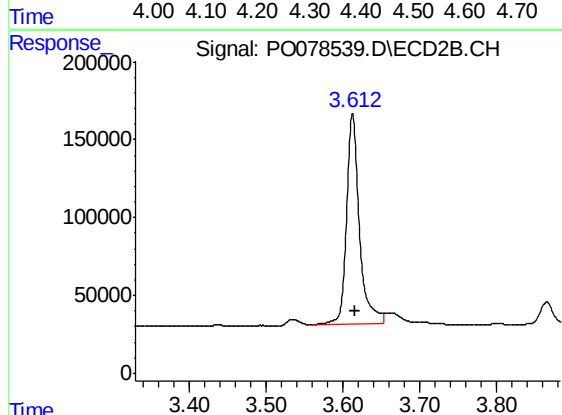




#1 Tetrachloro-m-xylene

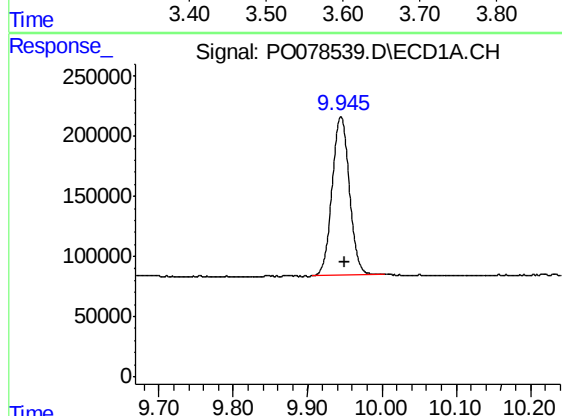
R.T.: 4.336 min  
Delta R.T.: -0.003 min  
Response: 3798581  
Conc: 49.73 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO060721AR1221



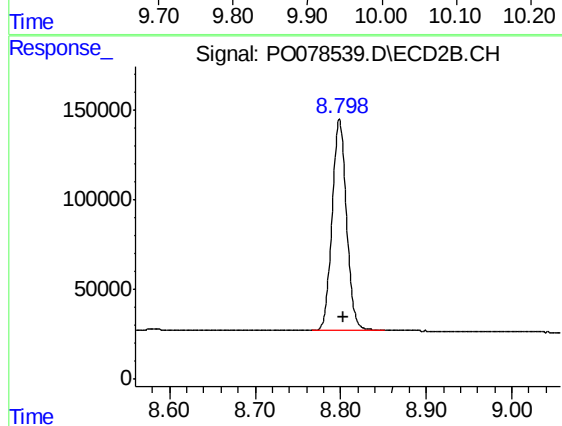
#1 Tetrachloro-m-xylene

R.T.: 3.612 min  
Delta R.T.: -0.003 min  
Response: 1568055  
Conc: 49.63 ng/ml



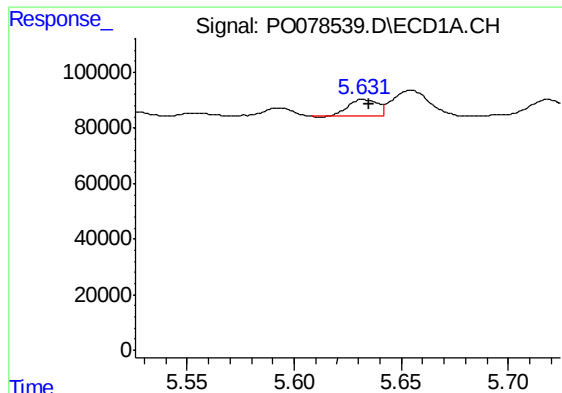
#2 Decachlorobiphenyl

R.T.: 9.945 min  
Delta R.T.: -0.005 min  
Response: 2133166  
Conc: 52.61 ng/ml



#2 Decachlorobiphenyl

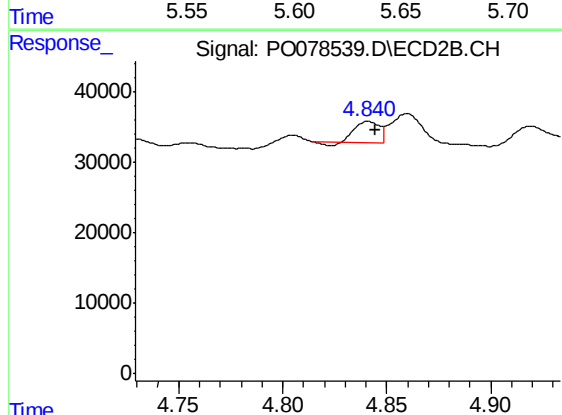
R.T.: 8.799 min  
Delta R.T.: -0.004 min  
Response: 1377153  
Conc: 57.27 ng/ml



#3 AR-1016-1

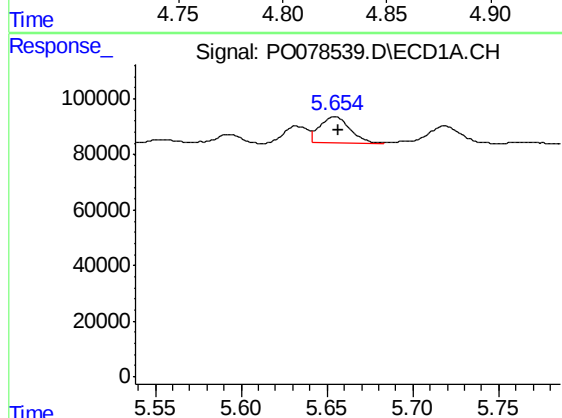
R.T.: 5.632 min  
Delta R.T.: -0.003 min  
Response: 58635  
Conc: 25.04 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO060721AR1221



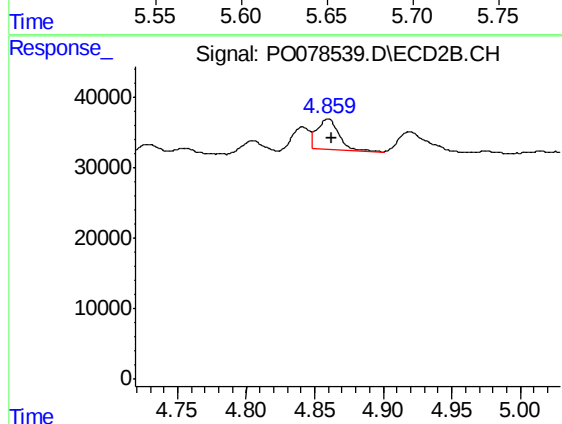
#3 AR-1016-1

R.T.: 4.841 min  
Delta R.T.: -0.003 min  
Response: 22812  
Conc: 21.81 ng/ml



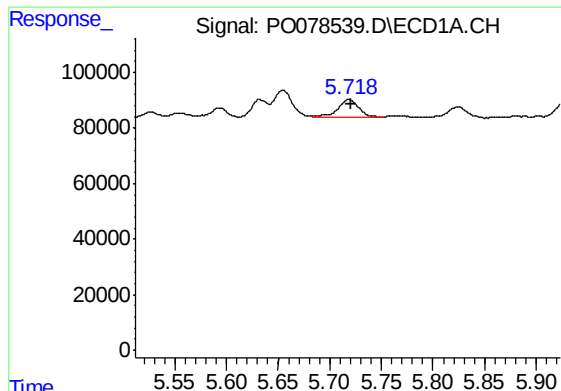
#4 AR-1016-2

R.T.: 5.655 min  
Delta R.T.: -0.002 min  
Response: 116319  
Conc: 32.26 ng/ml



#4 AR-1016-2

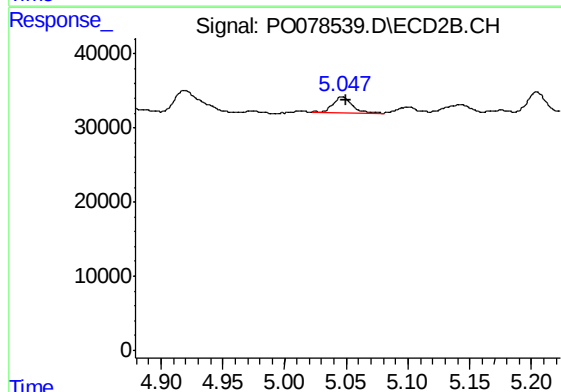
R.T.: 4.860 min  
Delta R.T.: -0.003 min  
Response: 47740  
Conc: 30.24 ng/ml



#5 AR-1016-3

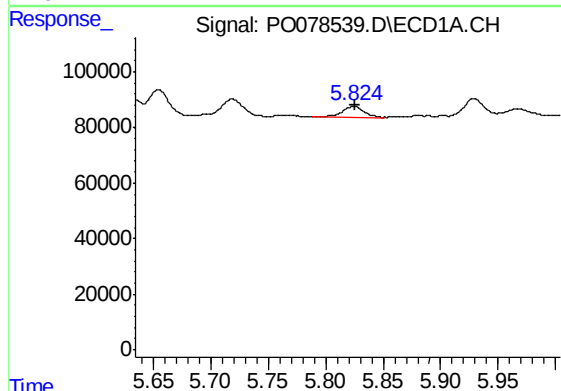
R.T.: 5.719 min  
Delta R.T.: -0.002 min  
Response: 87438  
Conc: 39.98 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO060721AR1221



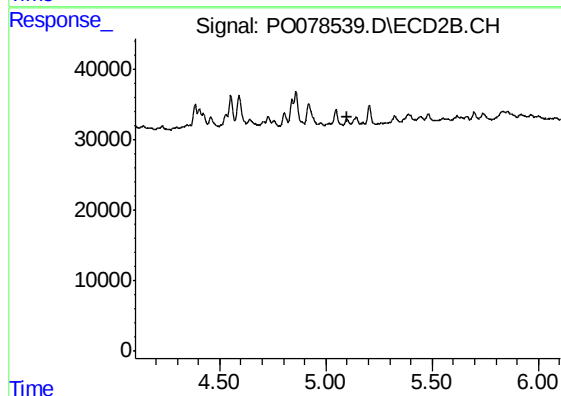
#5 AR-1016-3

R.T.: 5.047 min  
Delta R.T.: -0.003 min  
Response: 22099  
Conc: 27.60 ng/ml



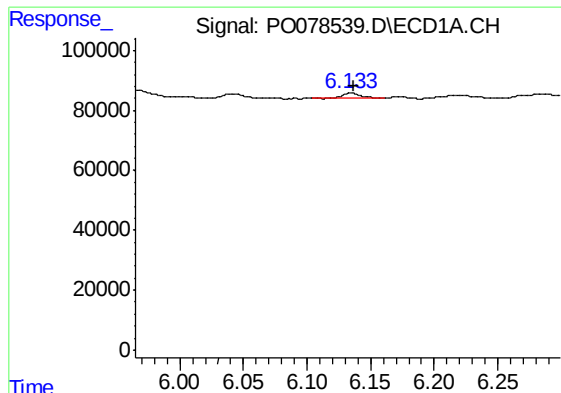
#6 AR-1016-4

R.T.: 5.824 min  
Delta R.T.: -0.001 min  
Response: 50048  
Conc: 28.53 ng/ml



#6 AR-1016-4

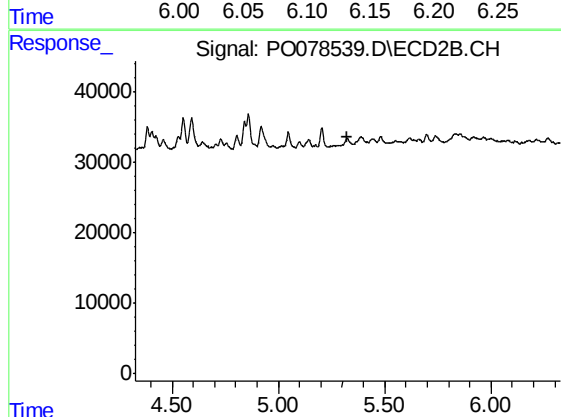
R.T.: 0.000 min  
Exp R.T. : 5.104 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

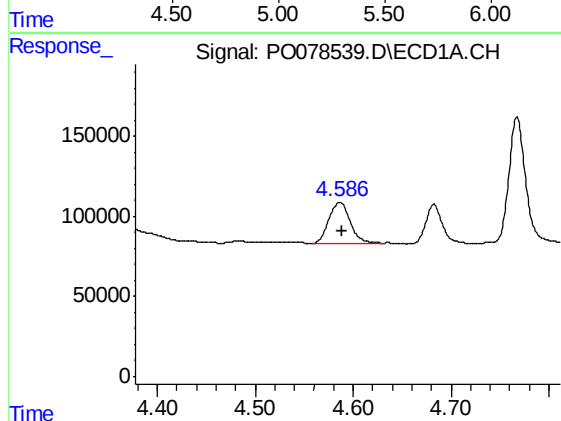
R.T.: 6.134 min  
Delta R.T.: -0.003 min  
Response: 18648  
Conc: 10.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO060721AR1221



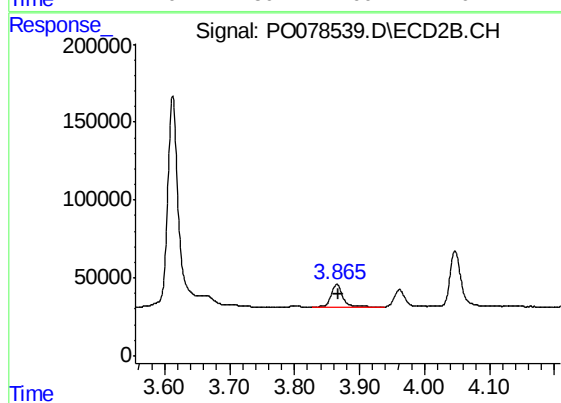
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 5.327 min  
Response: 0  
Conc: N.D.



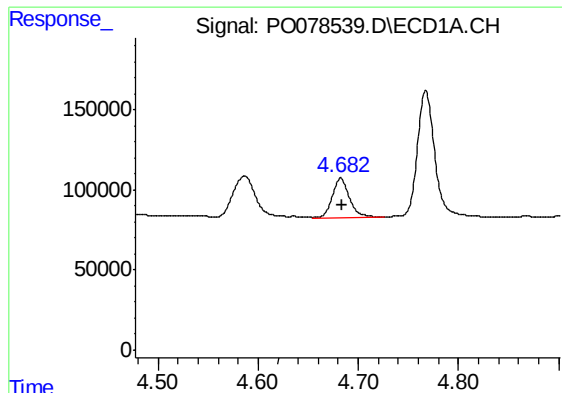
#8 AR-1221-1

R.T.: 4.586 min  
Delta R.T.: -0.003 min  
Response: 401009  
Conc: 479.43 ng/ml



#8 AR-1221-1

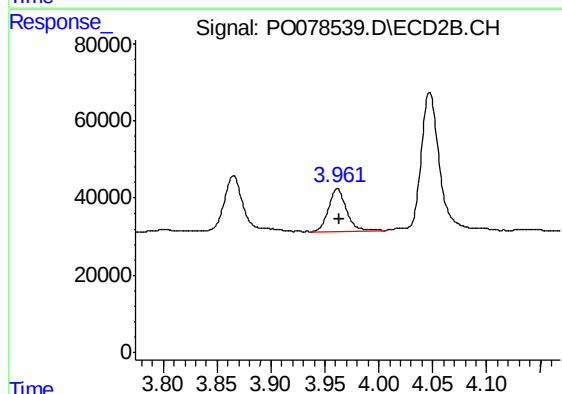
R.T.: 3.865 min  
Delta R.T.: -0.002 min  
Response: 175647  
Conc: 461.27 ng/ml



#9 AR-1221-2

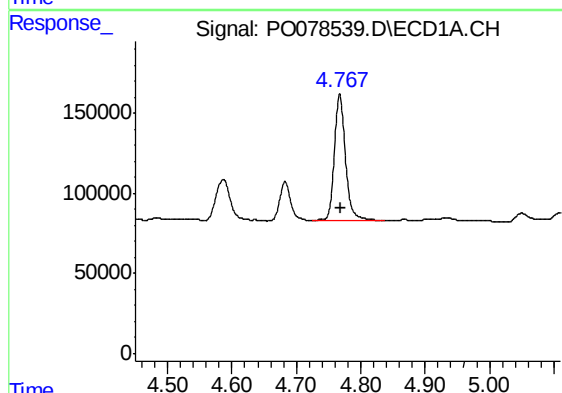
R.T.: 4.682 min  
Delta R.T.: -0.002 min  
Response: 296602  
Conc: 489.70 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO060721AR1221



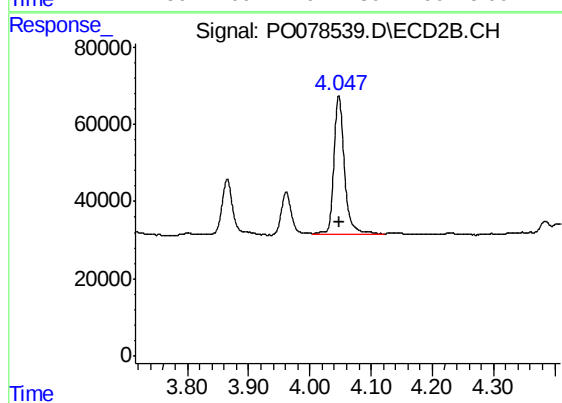
#9 AR-1221-2

R.T.: 3.962 min  
Delta R.T.: -0.002 min  
Response: 130094  
Conc: 462.59 ng/ml



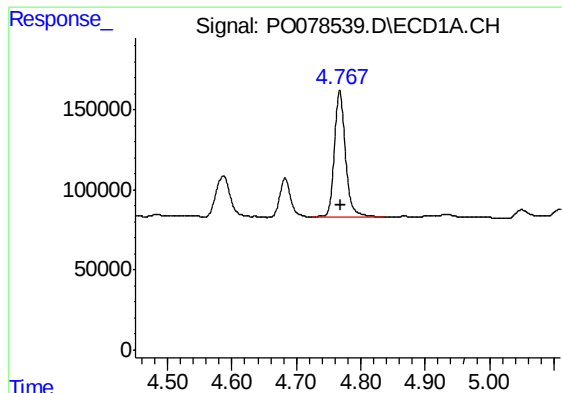
#10 AR-1221-3

R.T.: 4.767 min  
Delta R.T.: -0.002 min  
Response: 969474  
Conc: 489.17 ng/ml



#10 AR-1221-3

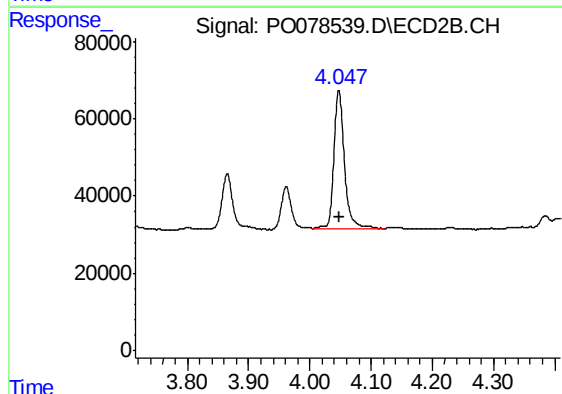
R.T.: 4.047 min  
Delta R.T.: -0.002 min  
Response: 433828  
Conc: 481.62 ng/ml



#11 AR-1232-1

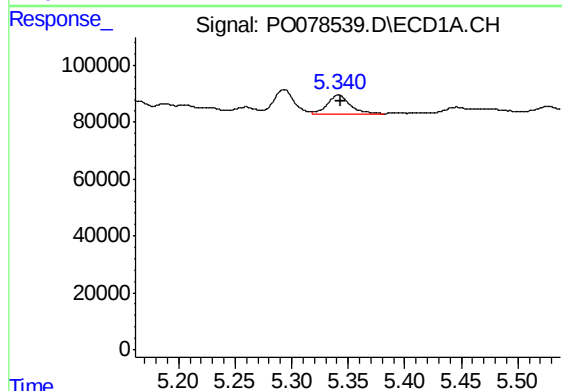
R.T.: 4.767 min  
Delta R.T.: -0.002 min  
Response: 969474  
Conc: 633.24 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO060721AR1221



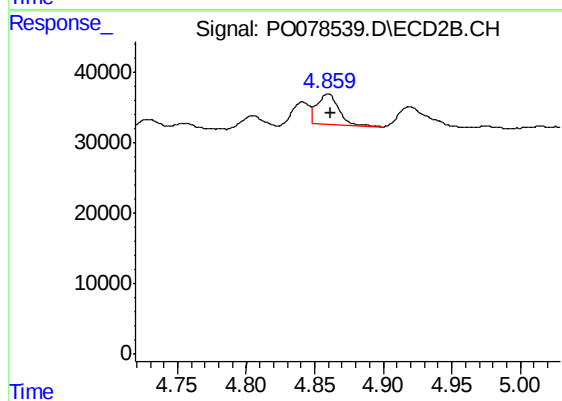
#11 AR-1232-1

R.T.: 4.047 min  
Delta R.T.: -0.002 min  
Response: 433828  
Conc: 596.72 ng/ml



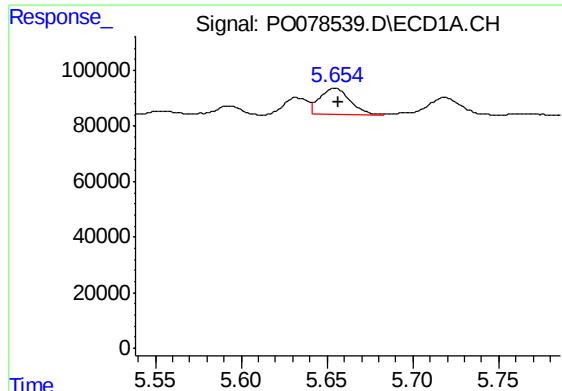
#12 AR-1232-2

R.T.: 5.341 min  
Delta R.T.: -0.002 min  
Response: 92124  
Conc: 118.51 ng/ml



#12 AR-1232-2

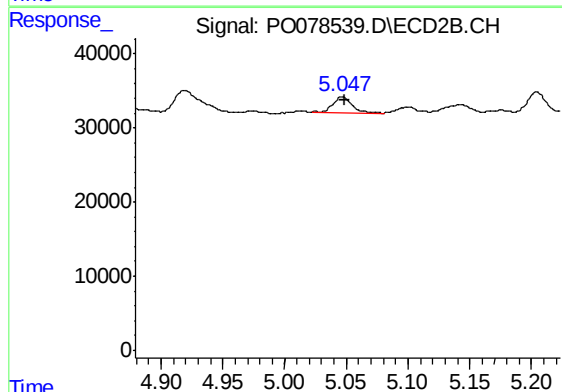
R.T.: 4.860 min  
Delta R.T.: -0.002 min  
Response: 47740  
Conc: 69.29 ng/ml



#13 AR-1232-3

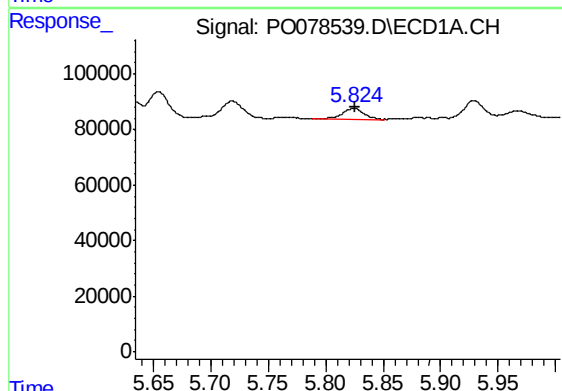
R.T.: 5.655 min  
Delta R.T.: -0.002 min  
Response: 116319  
Conc: 79.77 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO060721AR1221



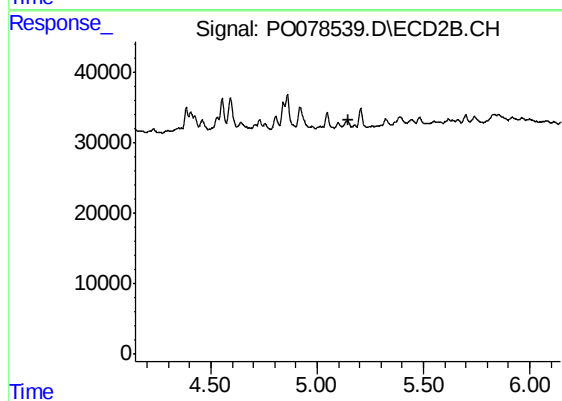
#13 AR-1232-3

R.T.: 5.047 min  
Delta R.T.: -0.002 min  
Response: 22099  
Conc: 64.53 ng/ml



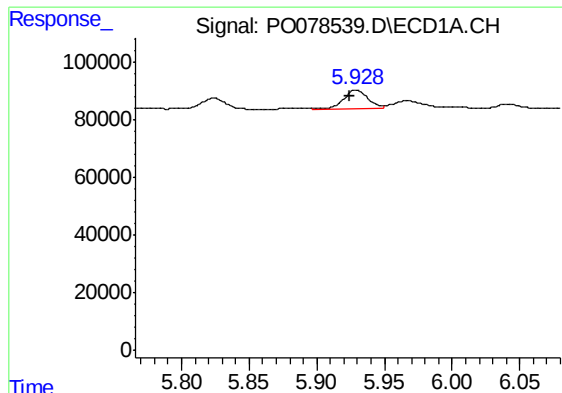
#14 AR-1232-4

R.T.: 5.824 min  
Delta R.T.: 0.000 min  
Response: 50048  
Conc: 71.33 ng/ml



#14 AR-1232-4

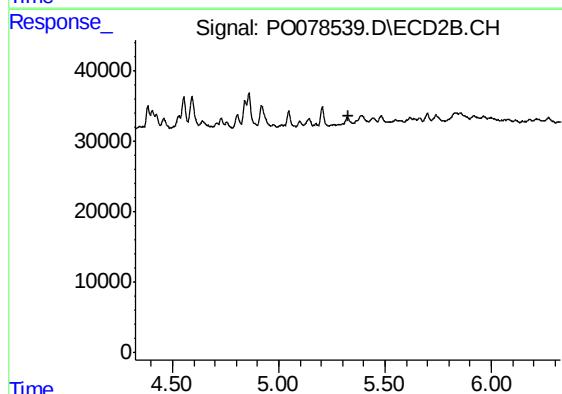
R.T.: 0.000 min  
Exp R.T. : 5.145 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

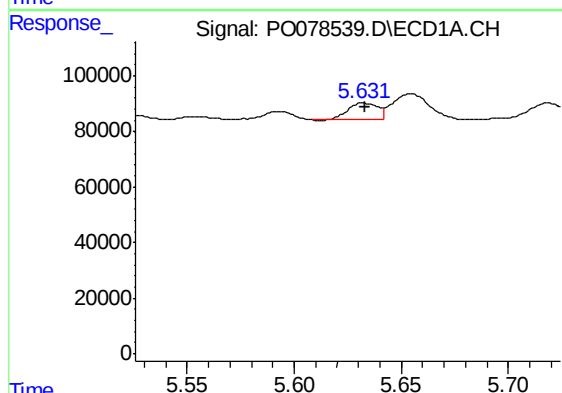
R.T.: 5.929 min  
Delta R.T.: 0.004 min  
Response: 82480  
Conc: 163.74 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO060721AR1221



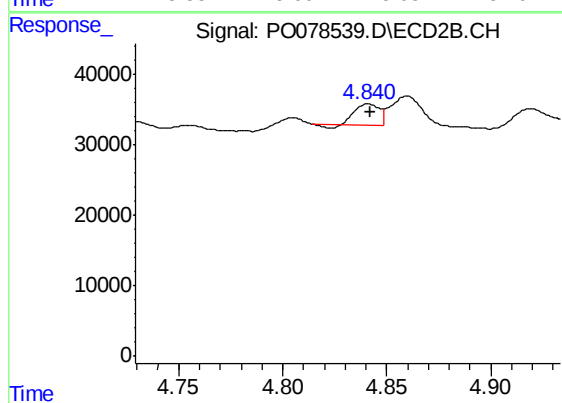
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 5.326 min  
Response: 0  
Conc: N.D.



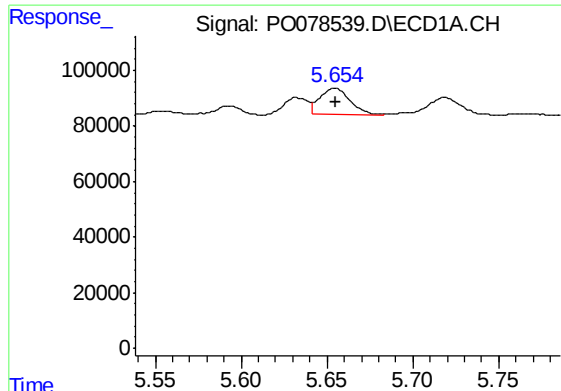
#16 AR-1242-1

R.T.: 5.632 min  
Delta R.T.: -0.001 min  
Response: 58635  
Conc: 32.46 ng/ml



#16 AR-1242-1

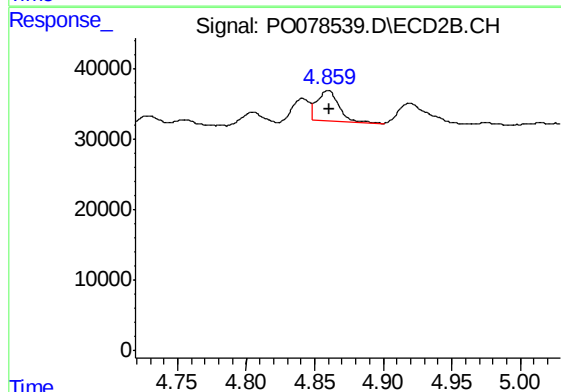
R.T.: 4.841 min  
Delta R.T.: -0.001 min  
Response: 22812  
Conc: 27.12 ng/ml



#17 AR-1242-2

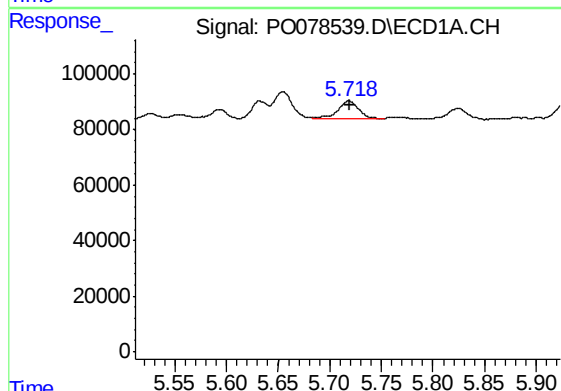
R.T.: 5.655 min  
Delta R.T.: 0.000 min  
Response: 116319  
Conc: 43.36 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO060721AR1221



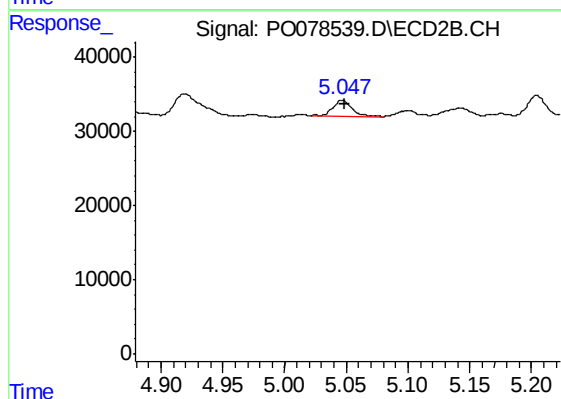
#17 AR-1242-2

R.T.: 4.860 min  
Delta R.T.: -0.001 min  
Response: 47740  
Conc: 38.80 ng/ml



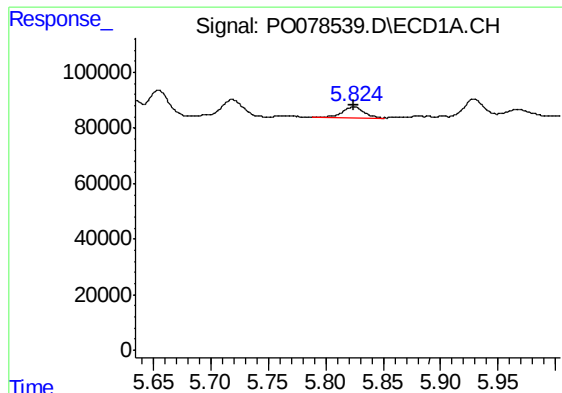
#18 AR-1242-3

R.T.: 5.719 min  
Delta R.T.: -0.001 min  
Response: 87438  
Conc: 53.12 ng/ml



#18 AR-1242-3

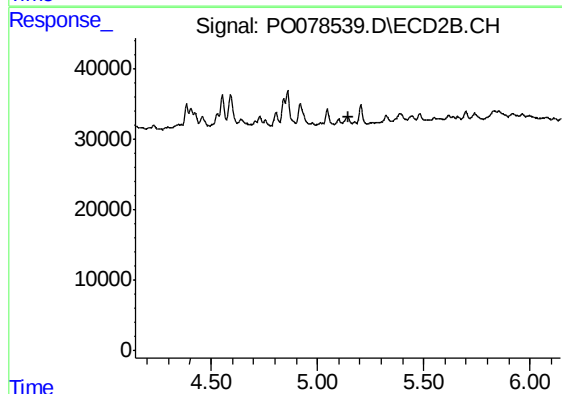
R.T.: 5.047 min  
Delta R.T.: -0.002 min  
Response: 22099  
Conc: 34.85 ng/ml



#19 AR-1242-4

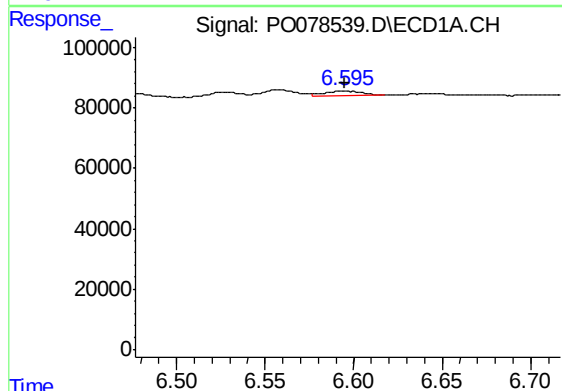
R.T.: 5.824 min  
Delta R.T.: 0.000 min  
Response: 50048  
Conc: 37.16 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO060721AR1221



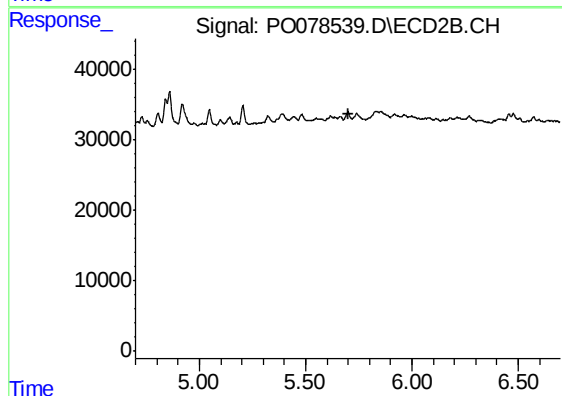
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 5.144 min  
Response: 0  
Conc: N.D.



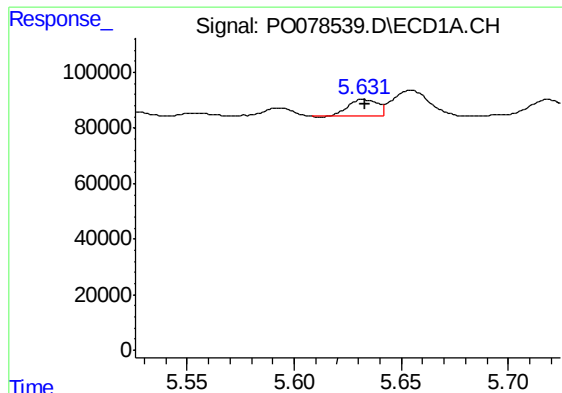
#20 AR-1242-5

R.T.: 6.595 min  
Delta R.T.: 0.000 min  
Response: 23001  
Conc: 17.19 ng/ml



#20 AR-1242-5

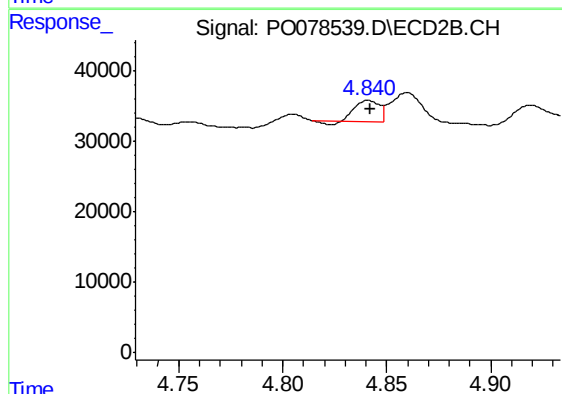
R.T.: 0.000 min  
Exp R.T. : 5.699 min  
Response: 0  
Conc: N.D.



#21 AR-1248-1

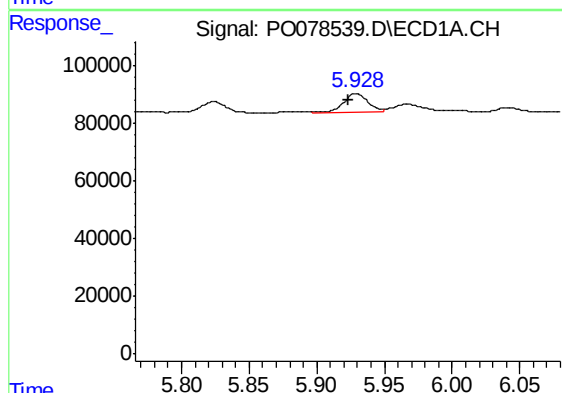
R.T.: 5.632 min  
Delta R.T.: 0.000 min  
Response: 58635  
Conc: 43.13 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO060721AR1221



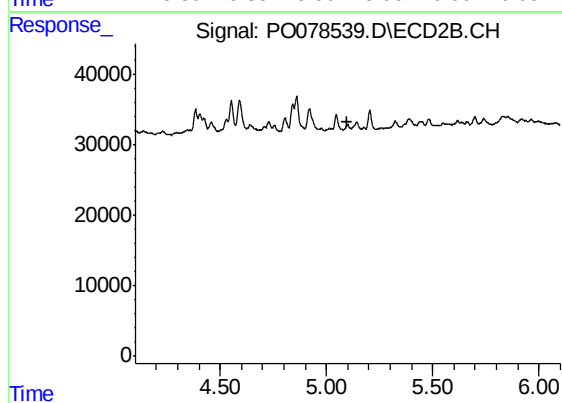
#21 AR-1248-1

R.T.: 4.841 min  
Delta R.T.: -0.001 min  
Response: 22812  
Conc: 35.30 ng/ml



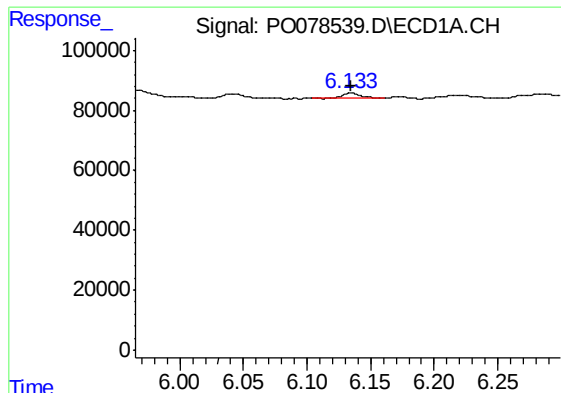
#22 AR-1248-2

R.T.: 5.929 min  
Delta R.T.: 0.005 min  
Response: 82480  
Conc: 42.48 ng/ml



#22 AR-1248-2

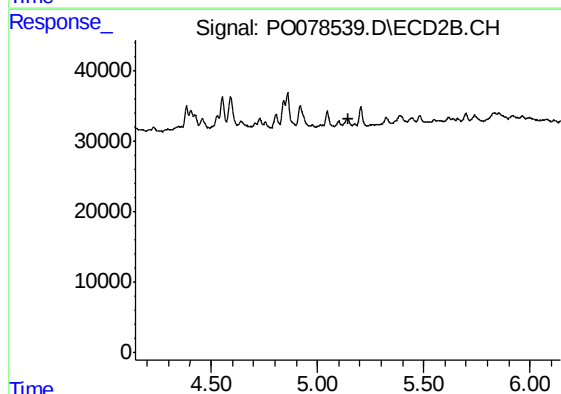
R.T.: 0.000 min  
Exp R.T. : 5.101 min  
Response: 0  
Conc: N.D.



#23 AR-1248-3

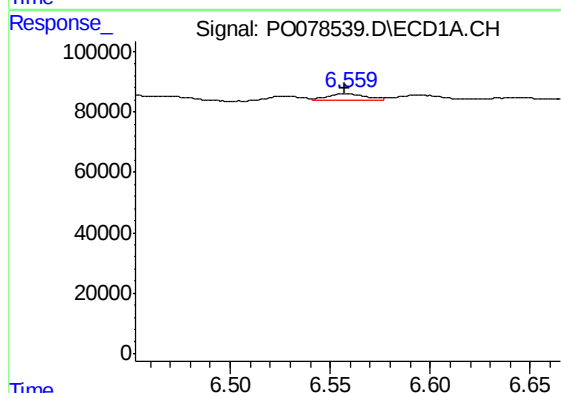
R.T.: 6.134 min  
Delta R.T.: 0.000 min  
Response: 18648  
Conc: 8.25 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO060721AR1221



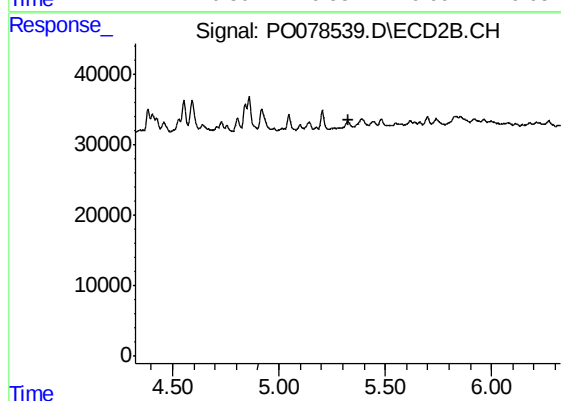
#23 AR-1248-3

R.T.: 0.000 min  
Exp R.T. : 5.144 min  
Response: 0  
Conc: N.D.



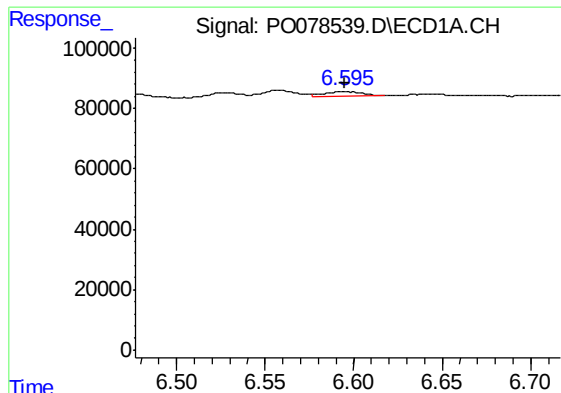
#24 AR-1248-4

R.T.: 6.558 min  
Delta R.T.: 0.000 min  
Response: 30981  
Conc: 13.08 ng/ml



#24 AR-1248-4

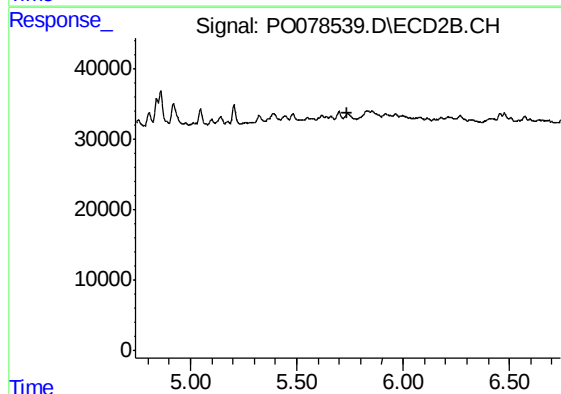
R.T.: 0.000 min  
Exp R.T. : 5.325 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

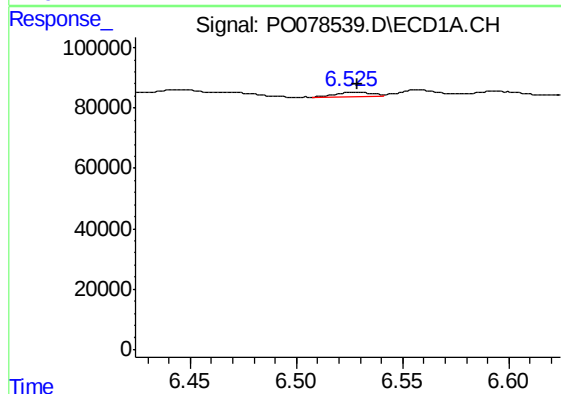
R.T.: 6.595 min  
Delta R.T.: 0.000 min  
Response: 23001  
Conc: 9.88 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO060721AR1221



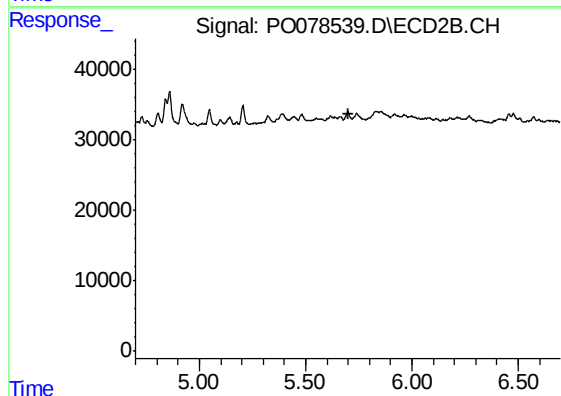
#25 AR-1248-5

R.T.: 0.000 min  
Exp R.T. : 5.740 min  
Response: 0  
Conc: N.D.



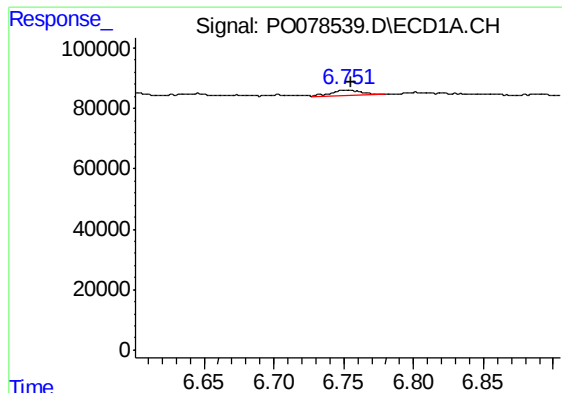
#26 AR-1254-1

R.T.: 6.525 min  
Delta R.T.: -0.003 min  
Response: 19615  
Conc: 7.75 ng/ml



#26 AR-1254-1

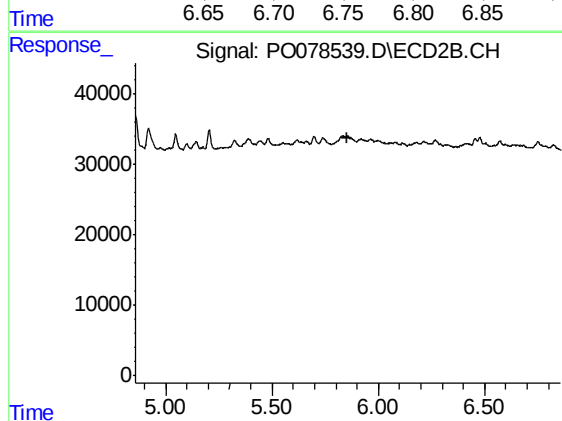
R.T.: 0.000 min  
Exp R.T. : 5.699 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

R.T.: 6.753 min  
Delta R.T.: -0.002 min  
Response: 25432  
Conc: 6.40 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO060721AR1221



#27 AR-1254-2

R.T.: 0.000 min  
Exp R.T. : 5.857 min  
Response: 0  
Conc: N.D.