

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0072419\  
 Data File : P0058331.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 23 Jul 2019 18:26  
 Operator : SM/AJ  
 Sample : K3621-05  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 OK-02-071919

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 24 06:07:53 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0071719.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jul 17 11:13:08 2019  
 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... | 4.191 | 3.532 | 1082162 | 915341 | 31.935  | 28.539   |
| 2)                          | SA Decachlor... | 9.725 | 8.428 | 1037279 | 689778 | 20.275  | 20.124   |
|                             |                 |       |       |         |        |         |          |
| Target Compounds            |                 |       |       |         |        |         |          |
| 5)                          | L1 AR-1016-3    | 5.494 | 0.000 | 7898    | 0      | 5.580   | N.D. #   |
| 6)                          | L1 AR-1016-4    | 5.494 | 0.000 | 7898    | 0      | 6.935   | N.D. #   |
| 7)                          | L1 AR-1016-5    | 5.810 | 4.978 | 6185    | 19365  | 5.392   | 18.889 # |
| 12)                         | L3 AR-1232-2    | 5.108 | 0.000 | 20882   | 0      | 45.151  | N.D. #   |
| 14)                         | L3 AR-1232-4    | 5.494 | 0.000 | 7898    | 0      | 15.838  | N.D. #   |
| 15)                         | L3 AR-1232-5    | 0.000 | 4.978 | 0       | 19365  | N.D.    | 46.783 # |
| 18)                         | L4 AR-1242-3    | 5.494 | 0.000 | 7898    | 0      | 6.802   | N.D. #   |
| 19)                         | L4 AR-1242-4    | 5.494 | 0.000 | 7898    | 0      | 8.377   | N.D. #   |
| 20)                         | L4 AR-1242-5    | 6.217 | 0.000 | 13503   | 0      | 11.661  | N.D. #   |
| 23)                         | L5 AR-1248-3    | 5.810 | 0.000 | 6185    | 0      | 3.990   | N.D. #   |
| 24)                         | L5 AR-1248-4    | 6.217 | 4.978 | 13503   | 19365  | 6.897   | 15.039 # |
| 25)                         | L5 AR-1248-5    | 6.217 | 0.000 | 13503   | 0      | 7.085   | N.D. #   |
| 27)                         | L6 AR-1254-2    | 6.407 | 5.546 | 53612   | 38711  | 16.400  | 21.362 # |
| 28)                         | L6 AR-1254-3    | 6.782 | 5.937 | 139774  | 80399  | 39.621  | 27.454 # |
| 29)                         | L6 AR-1254-4    | 7.057 | 6.188 | 111858  | 40707  | 37.805  | 22.032 # |
| 30)                         | L6 AR-1254-5    | 7.496 | 6.557 | 301080  | 174219 | 102.574 | 64.087 # |
| 31)                         | L7 AR-1260-1    | 6.929 | 0.000 | 89570   | 0      | 35.812  | N.D. #   |
| 32)                         | L7 AR-1260-2    | 7.187 | 6.233 | 368769  | 20730  | 104.887 | 8.061 #  |
| 33)                         | L7 AR-1260-3    | 7.539 | 0.000 | 42157   | 0      | 14.358  | N.D. #   |
| 34)                         | L7 AR-1260-4    | 7.770 | 0.000 | 29158   | 0      | 10.674  | N.D. #   |
| 35)                         | L7 AR-1260-5    | 8.077 | 7.092 | 33361   | 24913  | 5.751   | 5.413    |
| 36)                         | L8 AR-1262-1    | 7.539 | 6.557 | 42157   | 174219 | 7.631   | 43.861 # |
| 37)                         | L8 AR-1262-2    | 8.077 | 7.092 | 33361   | 24913  | 3.923   | 3.857    |
| 40)                         | L8 AR-1262-5    | 0.000 | 7.928 | 0       | 9661   | N.D.    | 4.857 #  |
| 44)                         | L9 AR-1268-4    | 0.000 | 7.928 | 0       | 9661   | N.D.    | 4.618 #  |
| 45)                         | L9 AR-1268-5    | 0.000 | 8.198 | 0       | 30405  | N.D.    | 1.823 #  |
| -----                       |                 |       |       |         |        |         |          |

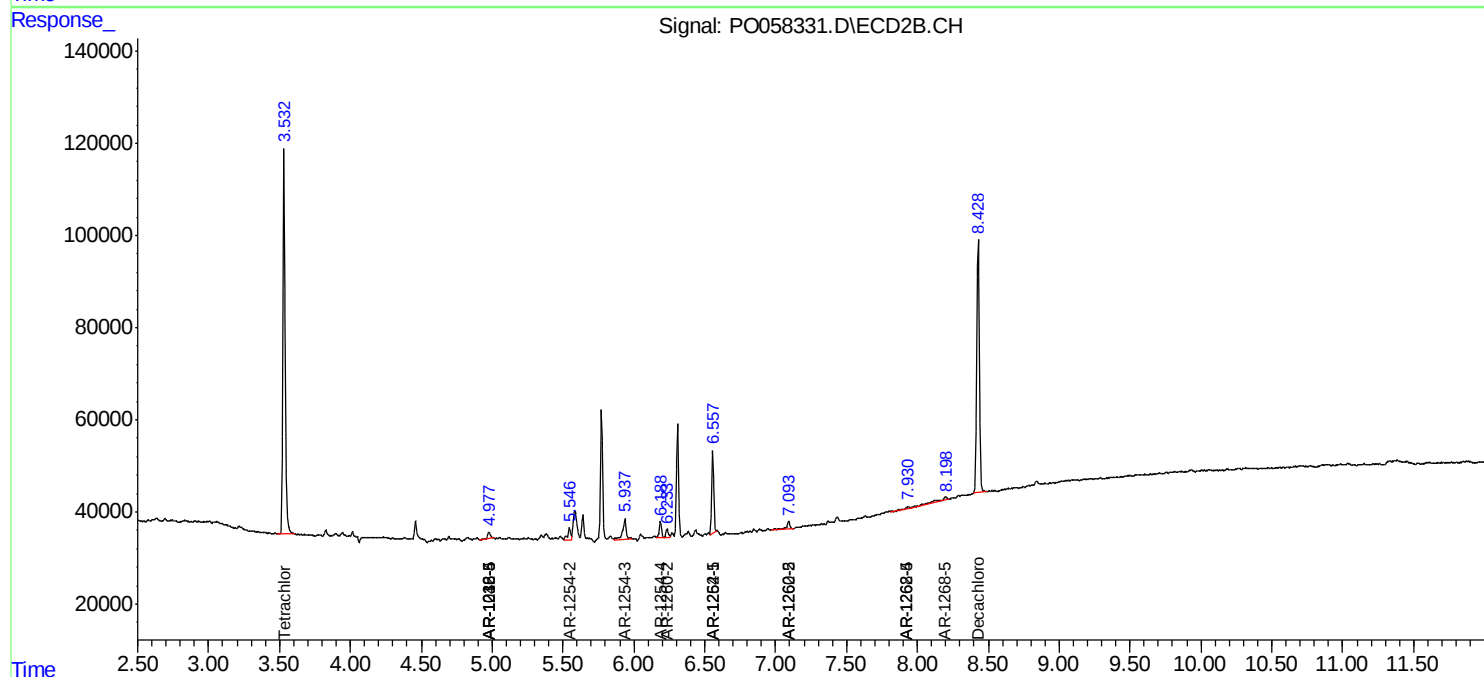
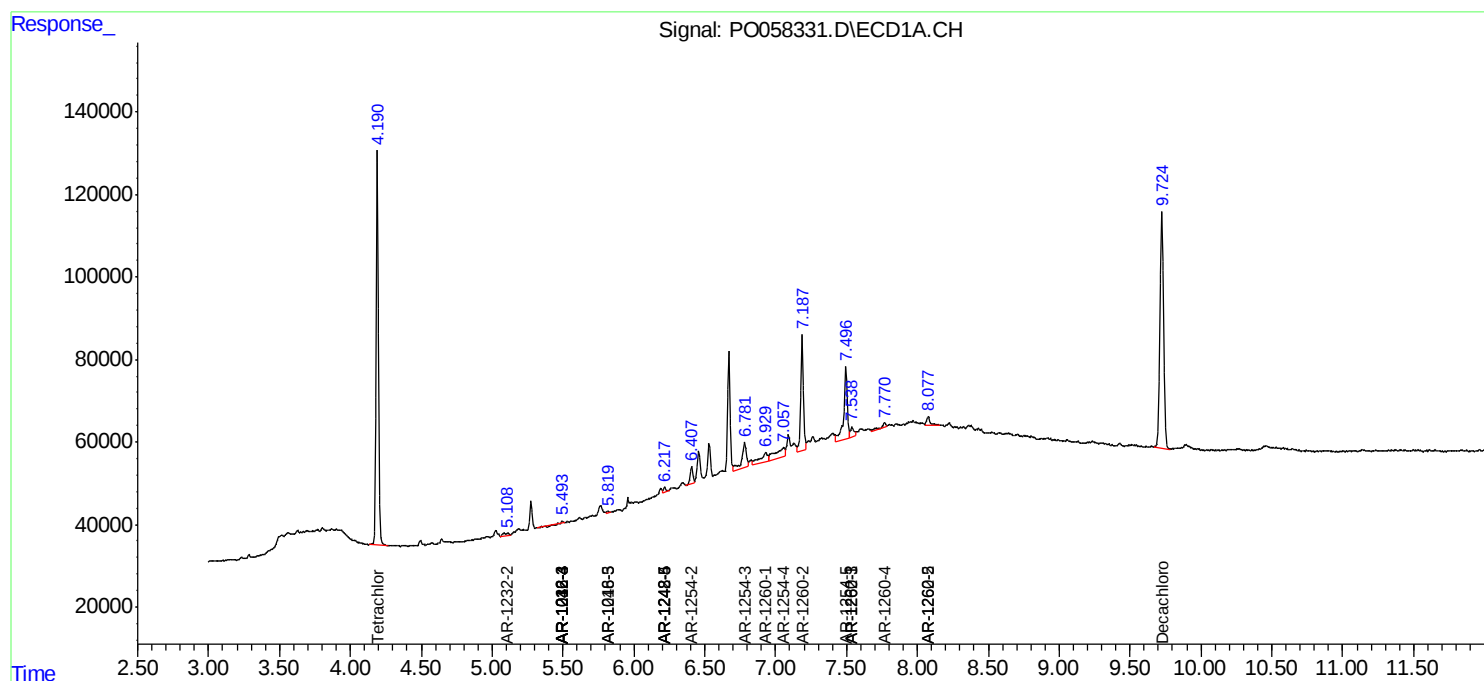
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

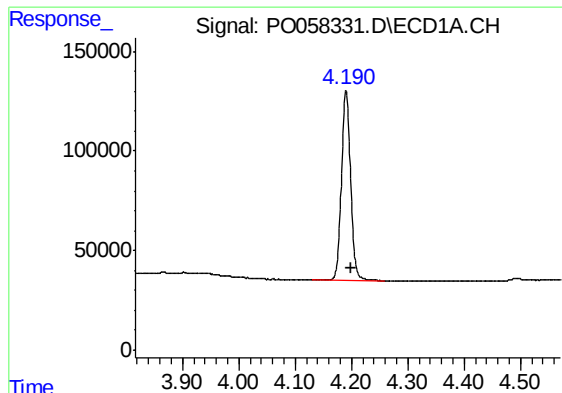
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO072419\  
Data File : PO058331.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 23 Jul 2019 18:26  
Operator : SM/AJ  
Sample : K3621-05  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
OK-02-071919

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 24 06:07:53 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO071719.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jul 17 11:13:08 2019  
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

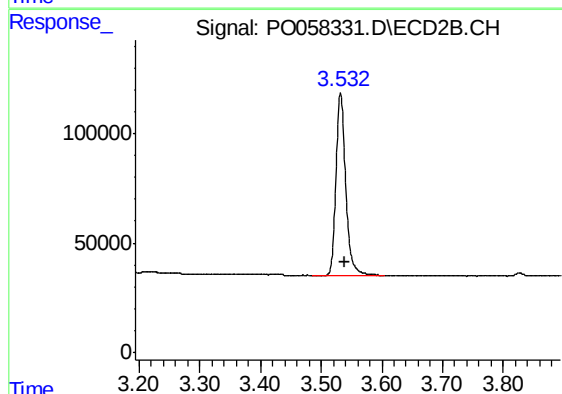




#1 Tetrachloro-m-xylene

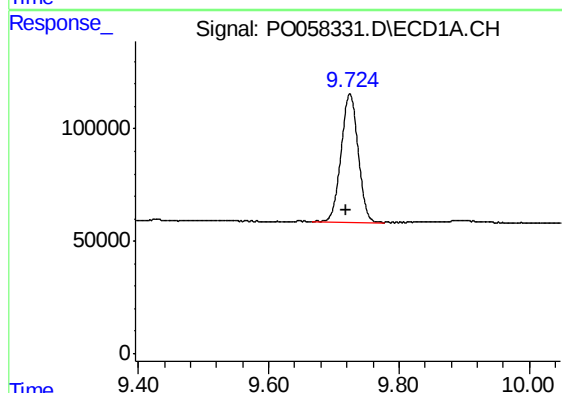
R.T.: 4.191 min  
Delta R.T.: -0.009 min  
Response: 1082162  
Conc: 31.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OK-02-071919



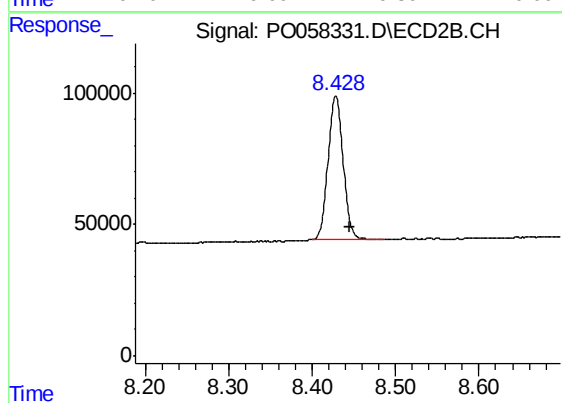
#1 Tetrachloro-m-xylene

R.T.: 3.532 min  
Delta R.T.: -0.007 min  
Response: 915341  
Conc: 28.54 ng/ml



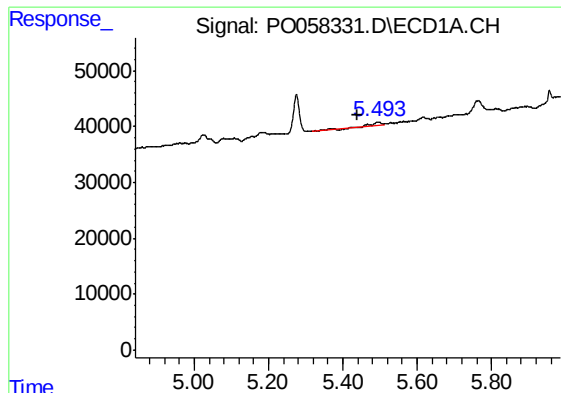
#2 Decachlorobiphenyl

R.T.: 9.725 min  
Delta R.T.: 0.007 min  
Response: 1037279  
Conc: 20.28 ng/ml



#2 Decachlorobiphenyl

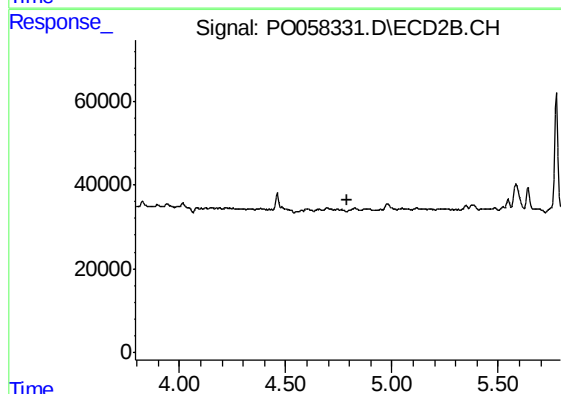
R.T.: 8.428 min  
Delta R.T.: -0.017 min  
Response: 689778  
Conc: 20.12 ng/ml



#5 AR-1016-3

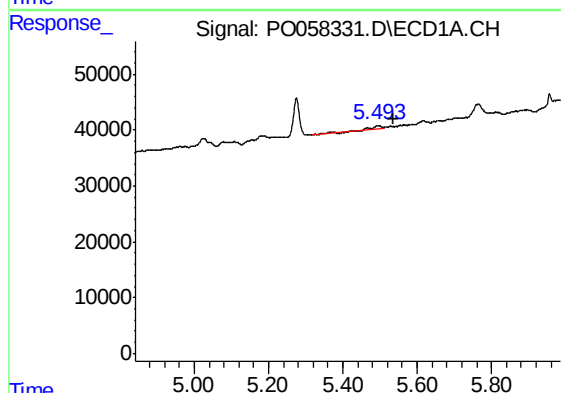
R.T.: 5.494 min  
Delta R.T.: 0.055 min  
Response: 7898  
Conc: 5.58 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OK-02-071919



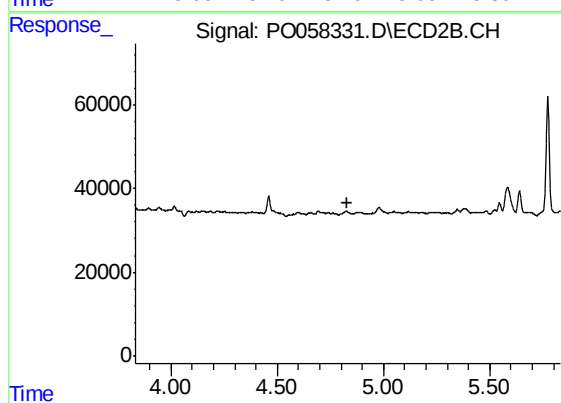
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 4.793 min  
Response: 0  
Conc: N.D.



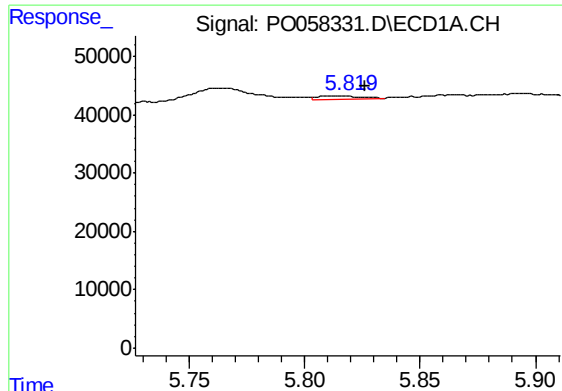
#6 AR-1016-4

R.T.: 5.494 min  
Delta R.T.: -0.043 min  
Response: 7898  
Conc: 6.93 ng/ml



#6 AR-1016-4

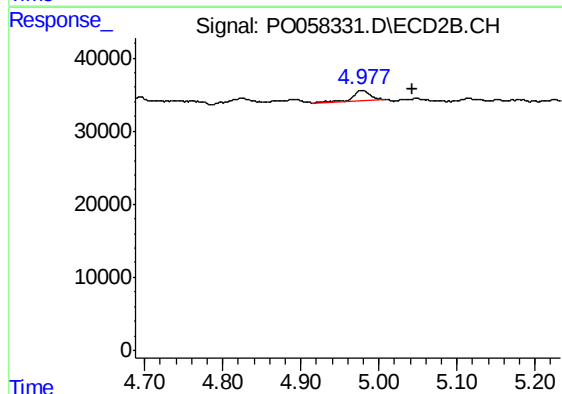
R.T.: 0.000 min  
Exp R.T. : 4.833 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

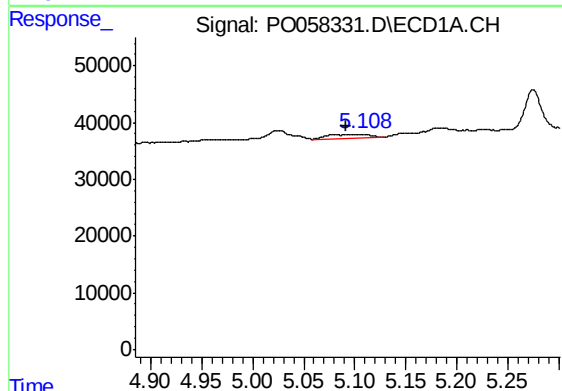
R.T.: 5.810 min  
Delta R.T.: -0.016 min  
Response: 6185  
Conc: 5.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OK-02-071919



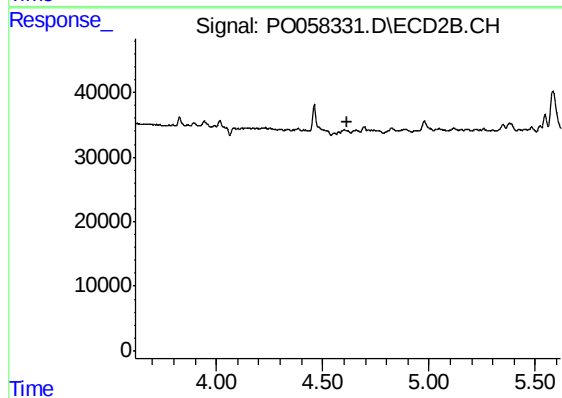
#7 AR-1016-5

R.T.: 4.978 min  
Delta R.T.: -0.065 min  
Response: 19365  
Conc: 18.89 ng/ml



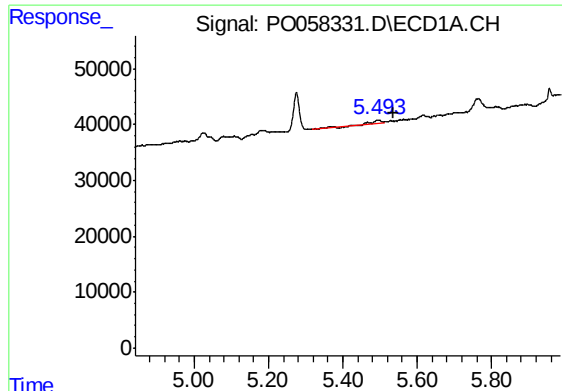
#12 AR-1232-2

R.T.: 5.108 min  
Delta R.T.: 0.017 min  
Response: 20882  
Conc: 45.15 ng/ml



#12 AR-1232-2

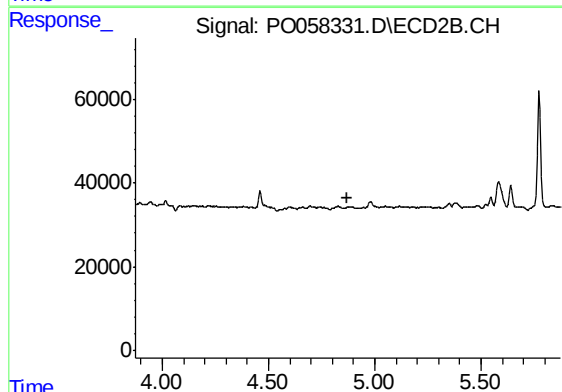
R.T.: 0.000 min  
Exp R.T. : 4.619 min  
Response: 0  
Conc: N.D.



#14 AR-1232-4

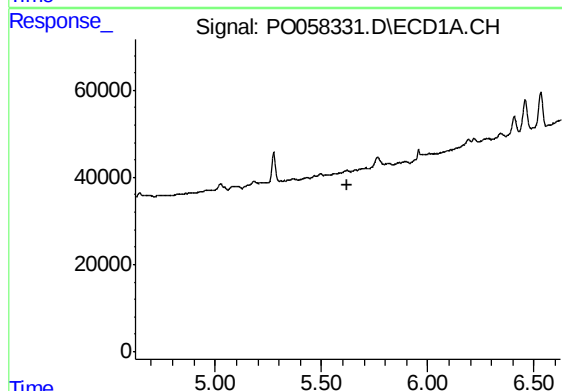
R.T.: 5.494 min  
Delta R.T.: -0.043 min  
Response: 7898  
Conc: 15.84 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OK-02-071919



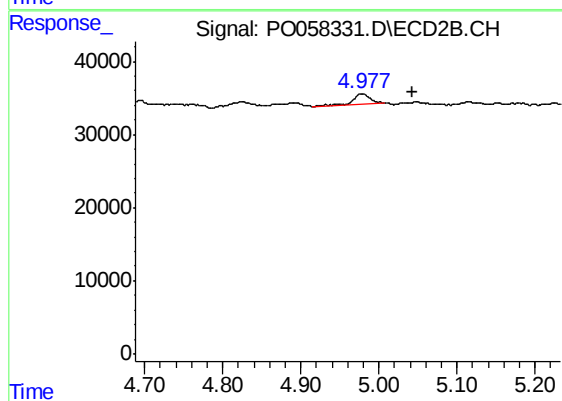
#14 AR-1232-4

R.T.: 0.000 min  
Exp R.T. : 4.873 min  
Response: 0  
Conc: N.D.



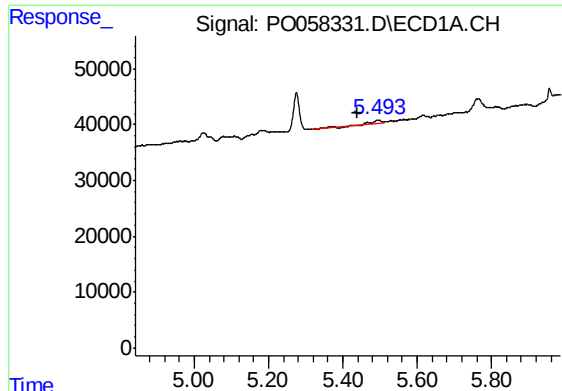
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 5.624 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

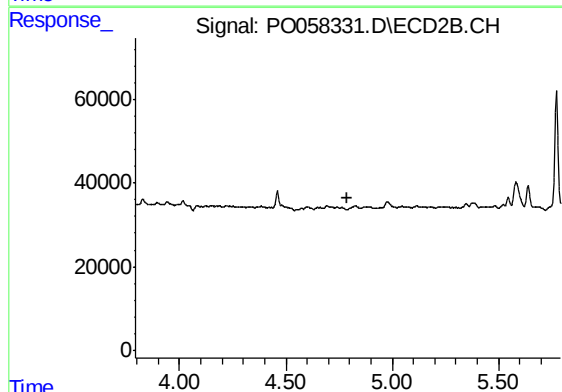
R.T.: 4.978 min  
Delta R.T.: -0.065 min  
Response: 19365  
Conc: 46.78 ng/ml



#18 AR-1242-3

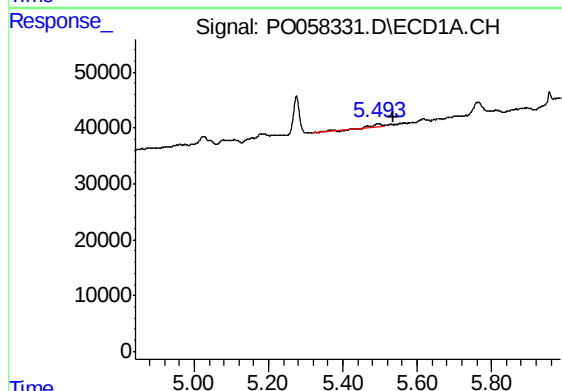
R.T.: 5.494 min  
Delta R.T.: 0.056 min  
Response: 7898  
Conc: 6.80 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OK-02-071919



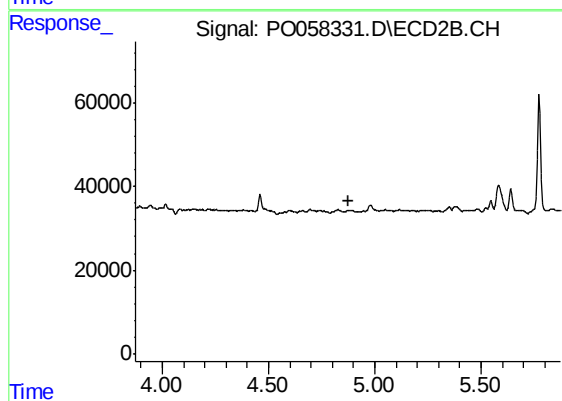
#18 AR-1242-3

R.T.: 0.000 min  
Exp R.T. : 4.792 min  
Response: 0  
Conc: N.D.



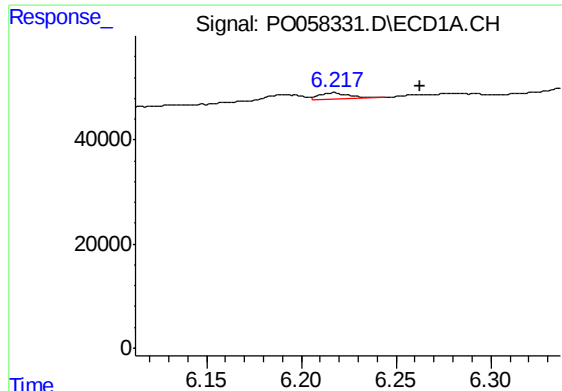
#19 AR-1242-4

R.T.: 5.494 min  
Delta R.T.: -0.042 min  
Response: 7898  
Conc: 8.38 ng/ml



#19 AR-1242-4

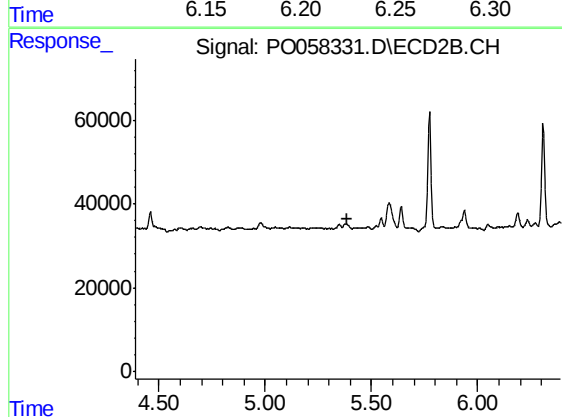
R.T.: 0.000 min  
Exp R.T. : 4.874 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

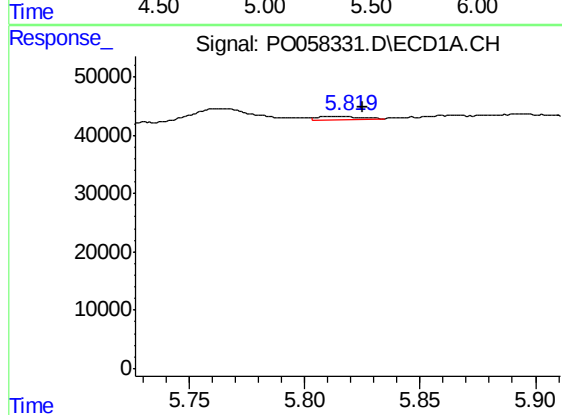
R.T.: 6.217 min  
Delta R.T.: -0.045 min  
Response: 13503  
Conc: 11.66 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OK-02-071919



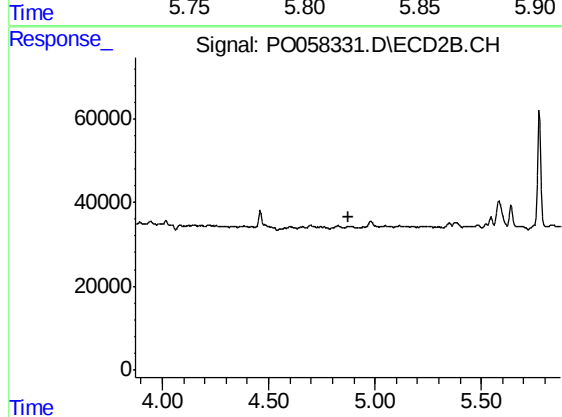
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T. : 5.389 min  
Response: 0  
Conc: N.D.



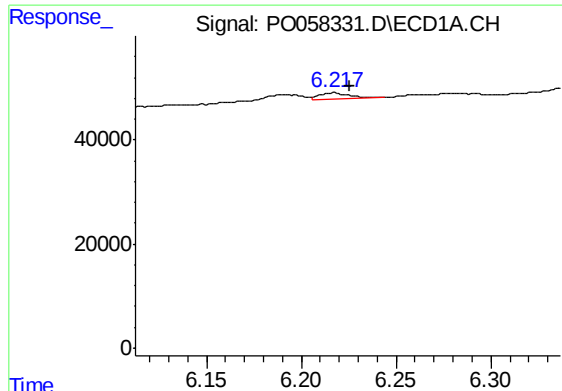
#23 AR-1248-3

R.T.: 5.810 min  
Delta R.T.: -0.015 min  
Response: 6185  
Conc: 3.99 ng/ml



#23 AR-1248-3

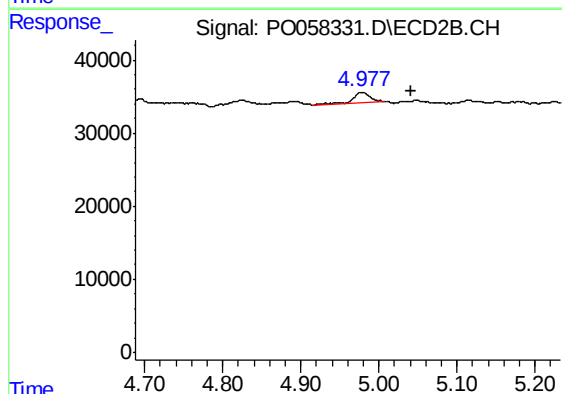
R.T.: 0.000 min  
Exp R.T. : 4.873 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

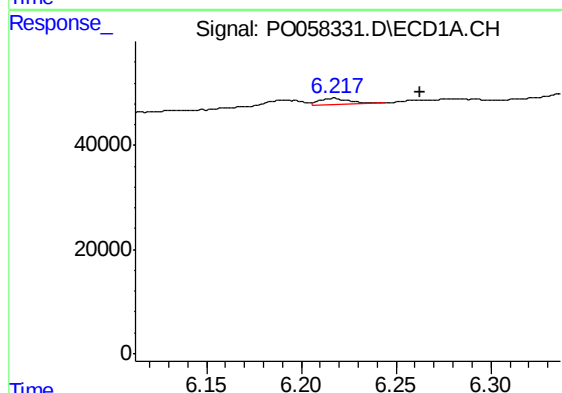
R.T.: 6.217 min  
Delta R.T.: -0.008 min  
Response: 13503  
Conc: 6.90 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OK-02-071919



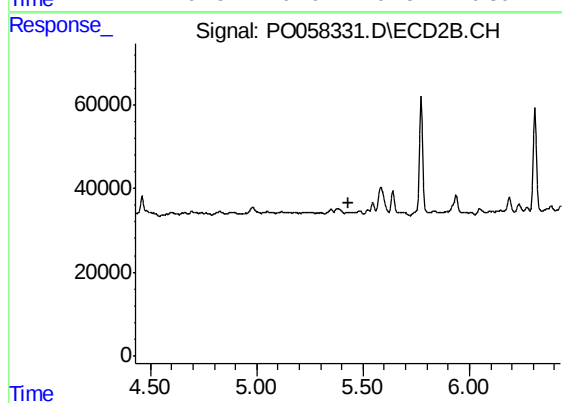
#24 AR-1248-4

R.T.: 4.978 min  
Delta R.T.: -0.064 min  
Response: 19365  
Conc: 15.04 ng/ml



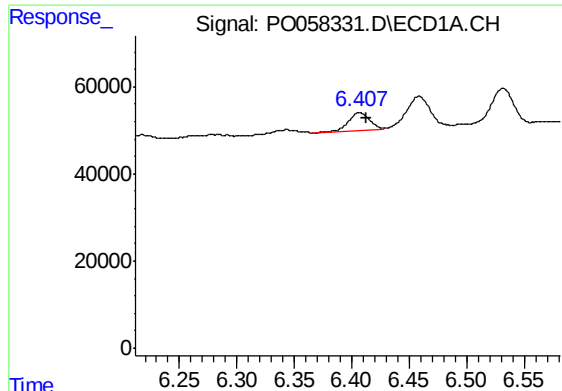
#25 AR-1248-5

R.T.: 6.217 min  
Delta R.T.: -0.045 min  
Response: 13503  
Conc: 7.09 ng/ml



#25 AR-1248-5

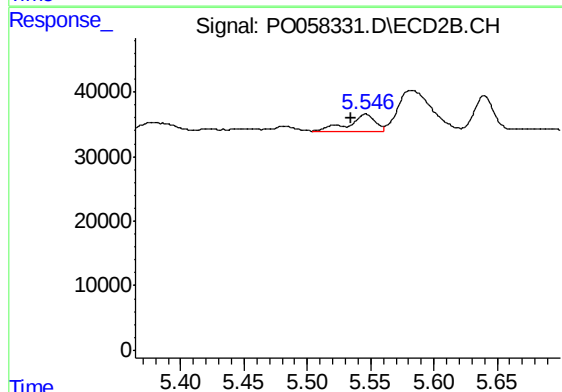
R.T.: 0.000 min  
Exp R.T. : 5.429 min  
Response: 0  
Conc: N.D.



#27 AR-1254-2

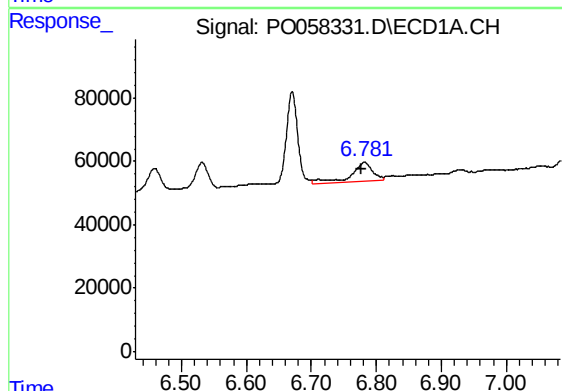
R.T.: 6.407 min  
Delta R.T.: -0.006 min  
Response: 53612  
Conc: 16.40 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OK-02-071919



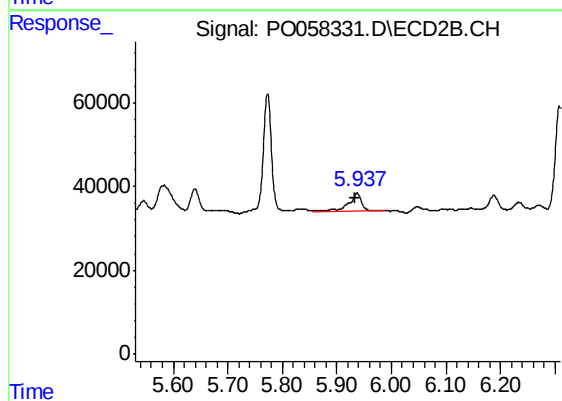
#27 AR-1254-2

R.T.: 5.546 min  
Delta R.T.: 0.012 min  
Response: 38711  
Conc: 21.36 ng/ml



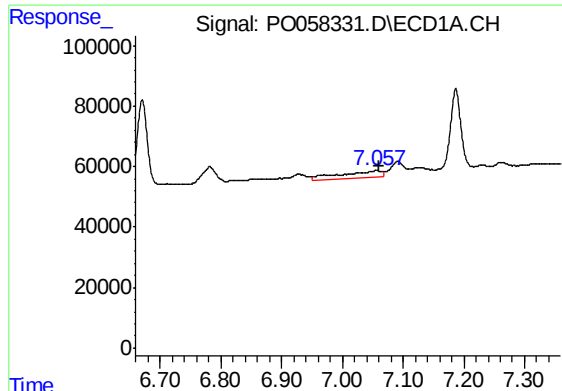
#28 AR-1254-3

R.T.: 6.782 min  
Delta R.T.: 0.005 min  
Response: 139774  
Conc: 39.62 ng/ml



#28 AR-1254-3

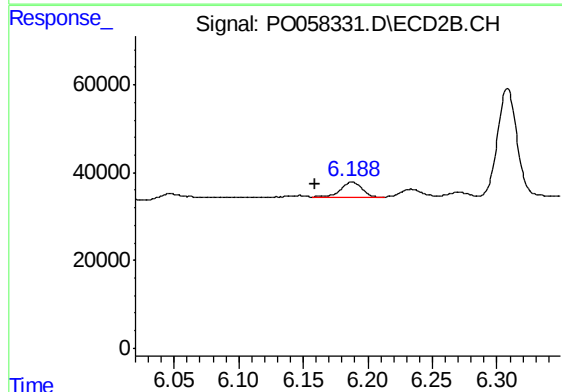
R.T.: 5.937 min  
Delta R.T.: 0.005 min  
Response: 80399  
Conc: 27.45 ng/ml



#29 AR-1254-4

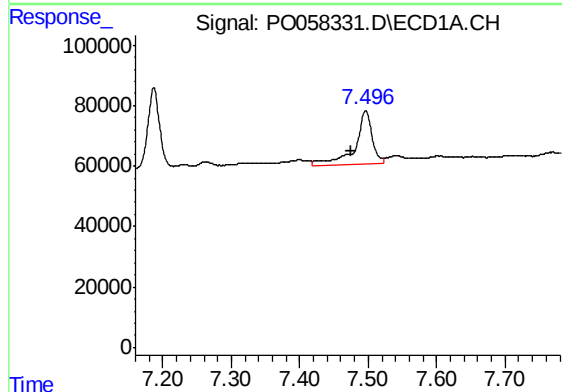
R.T.: 7.057 min  
Delta R.T.: -0.005 min  
Response: 111858  
Conc: 37.80 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OK-02-071919



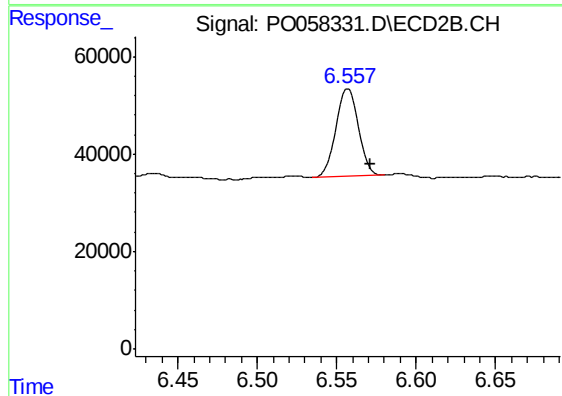
#29 AR-1254-4

R.T.: 6.188 min  
Delta R.T.: 0.029 min  
Response: 40707  
Conc: 22.03 ng/ml



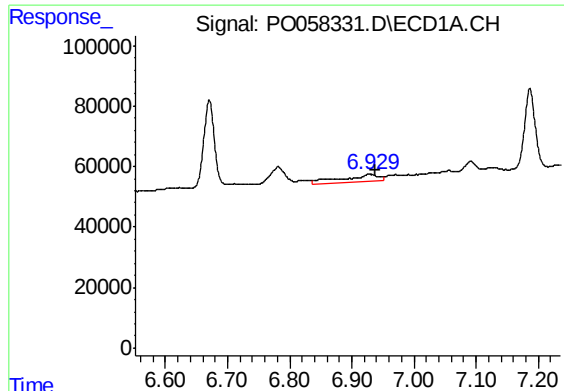
#30 AR-1254-5

R.T.: 7.496 min  
Delta R.T.: 0.021 min  
Response: 301080  
Conc: 102.57 ng/ml



#30 AR-1254-5

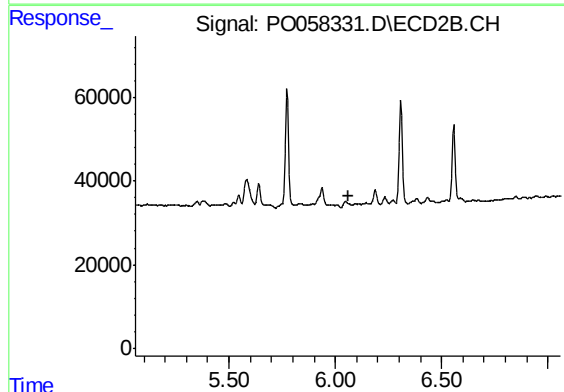
R.T.: 6.557 min  
Delta R.T.: -0.014 min  
Response: 174219  
Conc: 64.09 ng/ml



#31 AR-1260-1

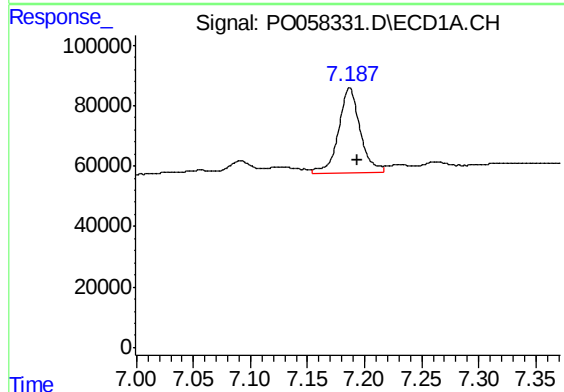
R.T.: 6.929 min  
Delta R.T.: -0.009 min  
Response: 89570  
Conc: 35.81 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OK-02-071919



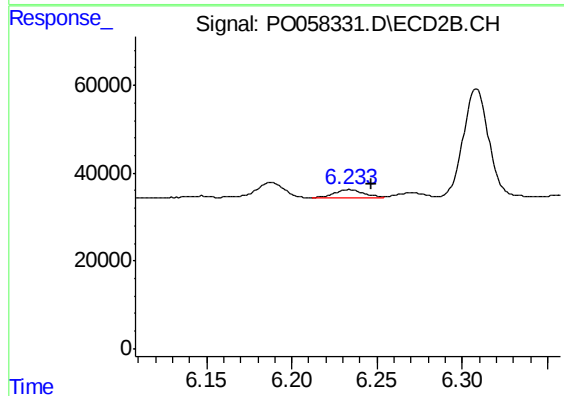
#31 AR-1260-1

R.T.: 0.000 min  
Exp R.T. : 6.060 min  
Response: 0  
Conc: N.D.



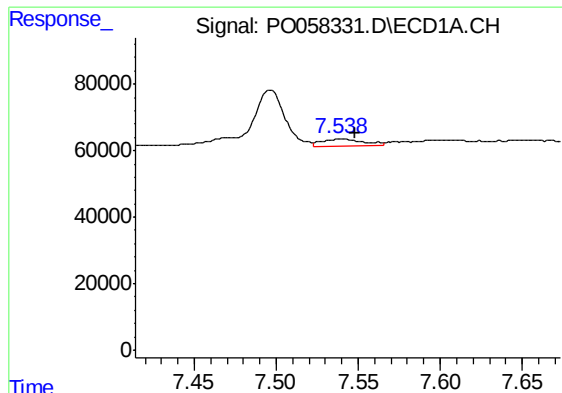
#32 AR-1260-2

R.T.: 7.187 min  
Delta R.T.: -0.007 min  
Response: 368769  
Conc: 104.89 ng/ml



#32 AR-1260-2

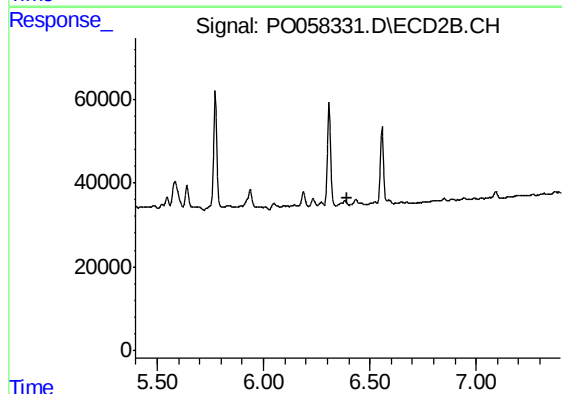
R.T.: 6.233 min  
Delta R.T.: -0.013 min  
Response: 20730  
Conc: 8.06 ng/ml



#33 AR-1260-3

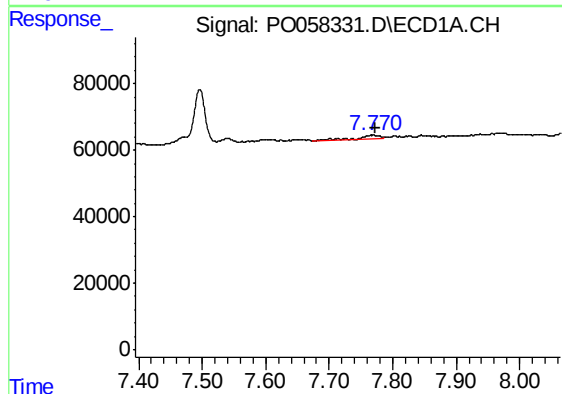
R.T.: 7.539 min  
Delta R.T.: -0.009 min  
Response: 42157  
Conc: 14.36 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OK-02-071919



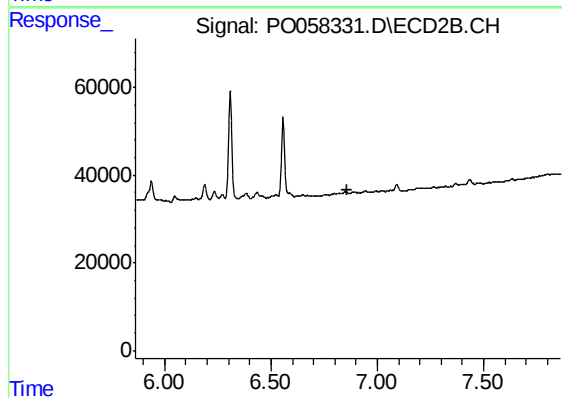
#33 AR-1260-3

R.T.: 0.000 min  
Exp R.T. : 6.397 min  
Response: 0  
Conc: N.D.



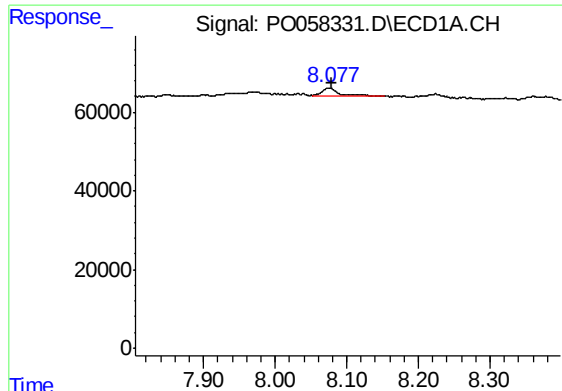
#34 AR-1260-4

R.T.: 7.770 min  
Delta R.T.: -0.003 min  
Response: 29158  
Conc: 10.67 ng/ml



#34 AR-1260-4

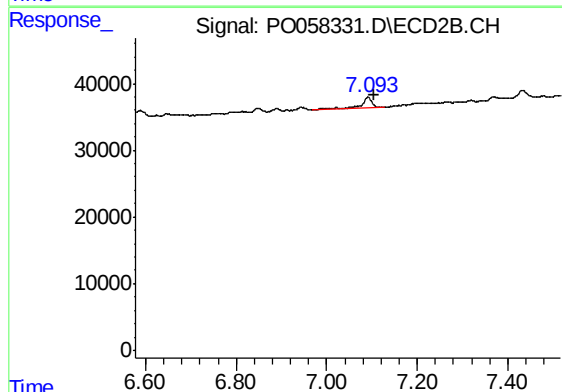
R.T.: 0.000 min  
Exp R.T. : 6.862 min  
Response: 0  
Conc: N.D.



#35 AR-1260-5

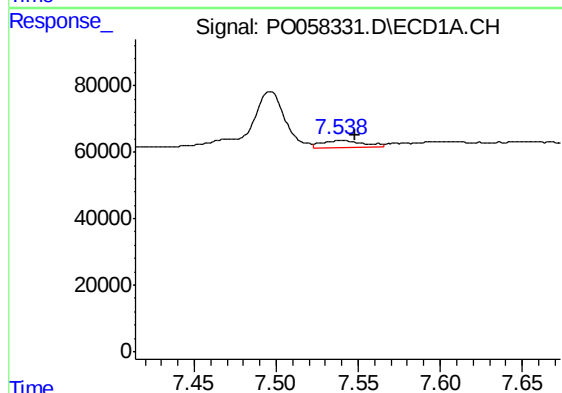
R.T.: 8.077 min  
Delta R.T.: -0.002 min  
Response: 33361  
Conc: 5.75 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OK-02-071919



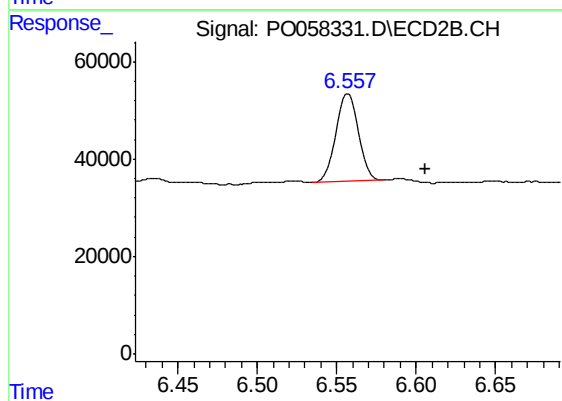
#35 AR-1260-5

R.T.: 7.092 min  
Delta R.T.: -0.013 min  
Response: 24913  
Conc: 5.41 ng/ml



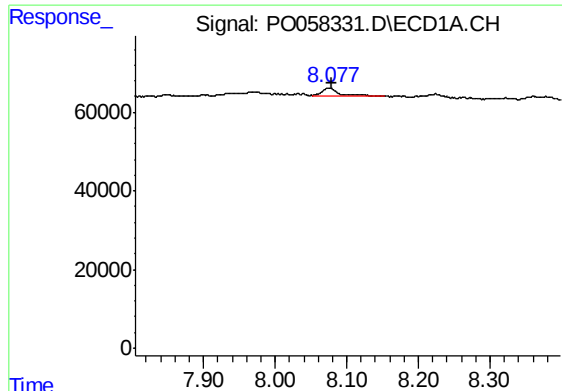
#36 AR-1262-1

R.T.: 7.539 min  
Delta R.T.: -0.009 min  
Response: 42157  
Conc: 7.63 ng/ml



#36 AR-1262-1

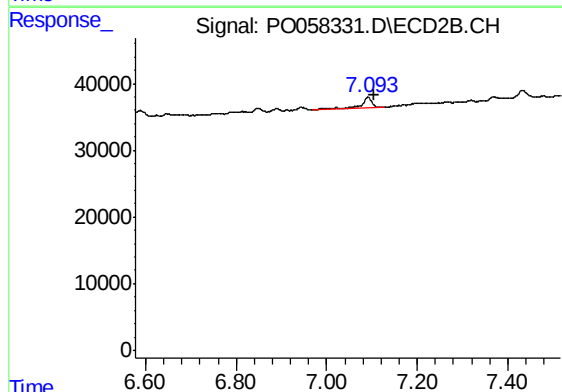
R.T.: 6.557 min  
Delta R.T.: -0.049 min  
Response: 174219  
Conc: 43.86 ng/ml



#37 AR-1262-2

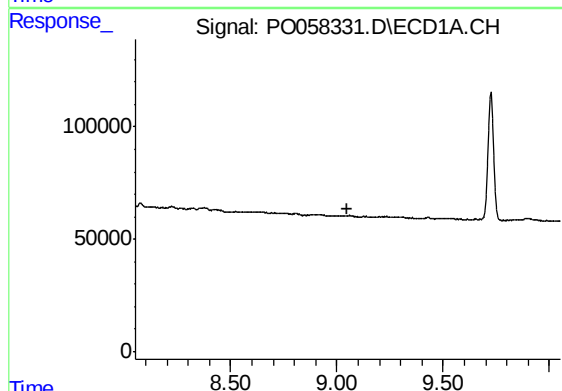
R.T.: 8.077 min  
Delta R.T.: -0.002 min  
Response: 33361  
Conc: 3.92 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
OK-02-071919



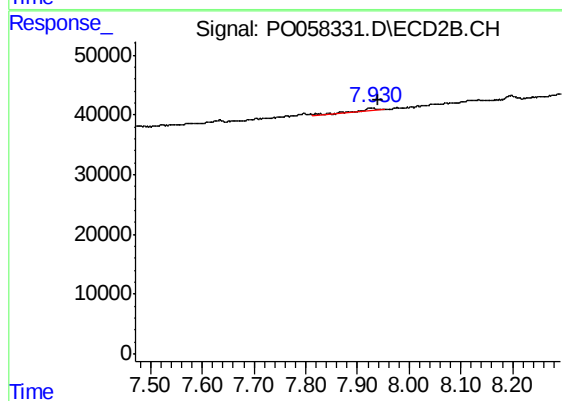
#37 AR-1262-2

R.T.: 7.092 min  
Delta R.T.: -0.013 min  
Response: 24913  
Conc: 3.86 ng/ml



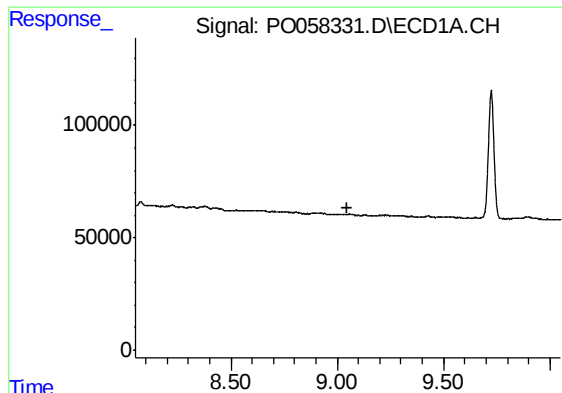
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T. : 9.052 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

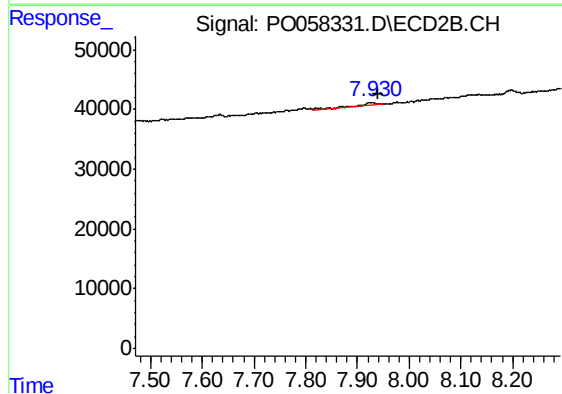
R.T.: 7.928 min  
Delta R.T.: -0.012 min  
Response: 9661  
Conc: 4.86 ng/ml



#44 AR-1268-4

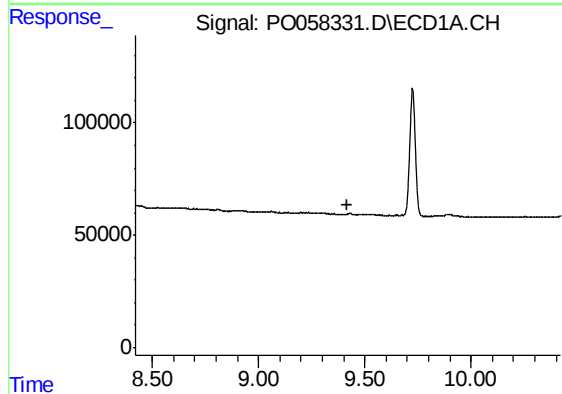
R.T.: 0.000 min  
Exp R.T. : 9.050 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
OK-02-071919



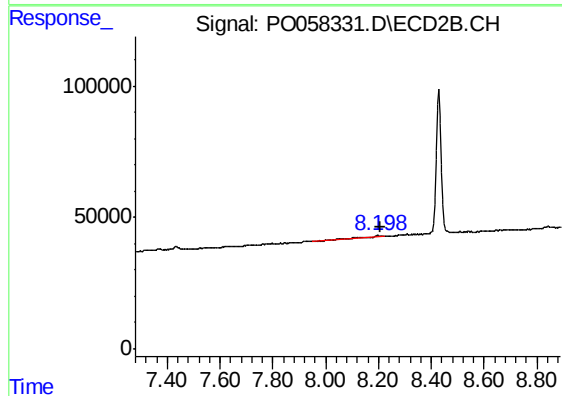
#44 AR-1268-4

R.T.: 7.928 min  
Delta R.T.: -0.011 min  
Response: 9661  
Conc: 4.62 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 9.420 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 8.198 min  
Delta R.T.: -0.012 min  
Response: 30405  
Conc: 1.82 ng/ml