

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0112619\  
 Data File : P0064123.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 26 Nov 2019 17:34  
 Operator : SM/AJ  
 Sample : K6018-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 ETGI-359

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 27 03:45:31 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0112619.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Nov 27 03:34:17 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... | 4.314 | 3.563 | 674294 | 543276 | 25.408  | 25.492    |
| 2)                          | SA Decachlor... | 9.937 | 8.526 | 691854 | 605001 | 19.792  | 20.462    |
| Target Compounds            |                 |       |       |        |        |         |           |
| 3)                          | L1 AR-1016-1    | 5.497 | 0.000 | 13498  | 0      | 11.019  | N.D. #    |
| 4)                          | L1 AR-1016-2    | 5.497 | 0.000 | 13498  | 0      | 7.775   | N.D. #    |
| 5)                          | L1 AR-1016-3    | 5.566 | 0.000 | 11439  | 0      | 10.465  | N.D. #    |
| 6)                          | L1 AR-1016-4    | 5.632 | 0.000 | 81887  | 0      | 91.363  | N.D. #    |
| 7)                          | L1 AR-1016-5    | 0.000 | 5.032 | 0      | 74901  | N.D.    | 94.176 #  |
| 9)                          | L2 AR-1221-2    | 4.618 | 0.000 | 10300  | 0      | 38.580  | N.D. #    |
| 10)                         | L2 AR-1221-3    | 4.618 | 3.979 | 10300  | 31484  | 12.775  | 50.722 #  |
| 11)                         | L3 AR-1232-1    | 4.618 | 3.979 | 10300  | 31484  | 8.319   | 32.078 #  |
| 13)                         | L3 AR-1232-3    | 5.497 | 0.000 | 13498  | 0      | 9.935   | N.D. #    |
| 14)                         | L3 AR-1232-4    | 5.632 | 0.000 | 81887  | 0      | 116.595 | N.D. #    |
| 15)                         | L3 AR-1232-5    | 5.756 | 5.032 | 6469   | 74901  | 11.816  | 132.384 # |
| 16)                         | L4 AR-1242-1    | 5.497 | 0.000 | 13498  | 0      | 14.033  | N.D. #    |
| 17)                         | L4 AR-1242-2    | 5.497 | 0.000 | 13498  | 0      | 9.971   | N.D. #    |
| 18)                         | L4 AR-1242-3    | 5.566 | 0.000 | 11439  | 0      | 13.054  | N.D. #    |
| 19)                         | L4 AR-1242-4    | 5.632 | 0.000 | 81887  | 0      | 114.341 | N.D. #    |
| 20)                         | L4 AR-1242-5    | 6.412 | 5.444 | 52963  | 102143 | 60.263  | 128.731 # |
| 21)                         | L5 AR-1248-1    | 5.497 | 0.000 | 13498  | 0      | 18.269  | N.D. #    |
| 22)                         | L5 AR-1248-2    | 5.756 | 0.000 | 6469   | 0      | 6.018   | N.D. #    |
| 24)                         | L5 AR-1248-4    | 6.362 | 5.032 | 59211  | 74901  | 42.197  | 75.352 #  |
| 25)                         | L5 AR-1248-5    | 6.412 | 5.505 | 52963  | 23464  | 39.219  | 22.597 #  |
| 26)                         | L6 AR-1254-1    | 6.334 | 5.444 | 102198 | 102143 | 70.119  | 61.242    |
| 27)                         | L6 AR-1254-2    | 6.552 | 5.581 | 115050 | 20430  | 49.248  | 13.586 #  |
| 28)                         | L6 AR-1254-3    | 6.915 | 5.952 | 56889  | 20337  | 21.525  | 7.980 #   |
| 29)                         | L6 AR-1254-4    | 7.194 | 6.160 | 15043  | 33703  | 7.366   | 19.852 #  |
| 30)                         | L6 AR-1254-5    | 7.602 | 6.586 | 30165  | 23186  | 14.098  | 9.538 #   |
| 31)                         | L7 AR-1260-1    | 7.046 | 6.112 | 40862  | 17550  | 23.179  | 10.849 #  |
| 32)                         | L7 AR-1260-2    | 7.320 | 6.290 | 84192  | 14756  | 38.205  | 7.132 #   |
| 33)                         | L7 AR-1260-3    | 7.747 | 0.000 | 86677  | 0      | 50.975  | N.D. #    |
| 34)                         | L7 AR-1260-4    | 7.902 | 6.973 | 10766  | 46224  | 5.247   | 28.199 #  |
| 35)                         | L7 AR-1260-5    | 8.222 | 7.160 | 10255  | 28966  | 2.421   | 7.332 #   |
| 36)                         | L8 AR-1262-1    | 7.747 | 0.000 | 86677  | 0      | 33.672  | N.D. #    |
| 37)                         | L8 AR-1262-2    | 8.222 | 7.160 | 10255  | 28966  | 2.112   | 6.016 #   |
| 43)                         | L9 AR-1268-3    | 8.888 | 0.000 | 19819  | 0      | 4.584   | N.D. #    |
| -----                       |                 |       |       |        |        |         |           |

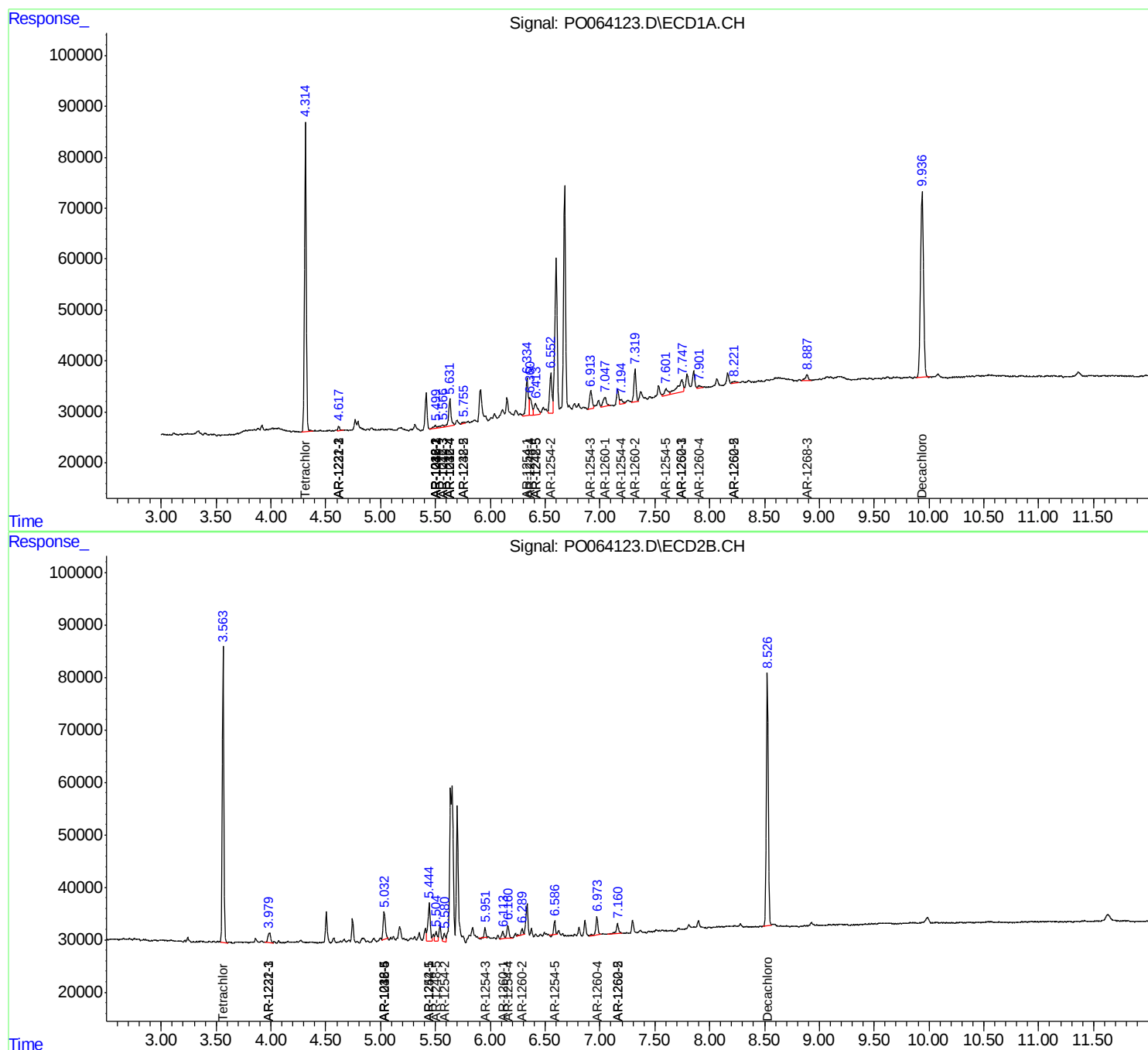
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

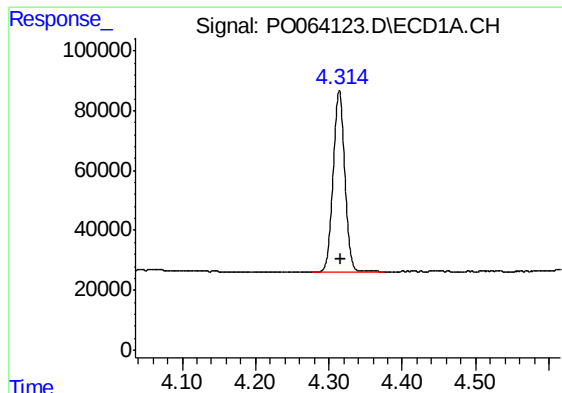
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO112619\  
Data File : PO064123.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 26 Nov 2019 17:34  
Operator : SM/AJ  
Sample : K6018-01  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
ETGI-359

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 27 03:45:31 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO112619.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Nov 27 03:34:17 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

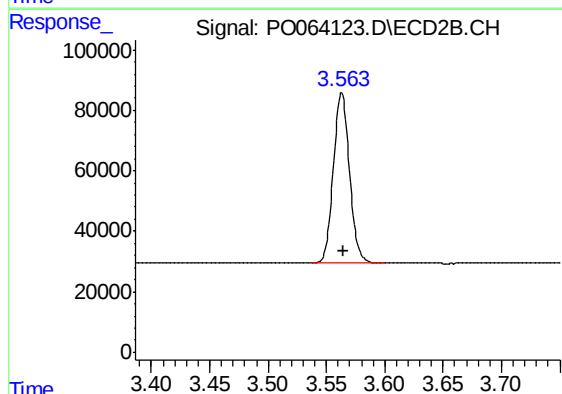




#1 Tetrachloro-m-xylene

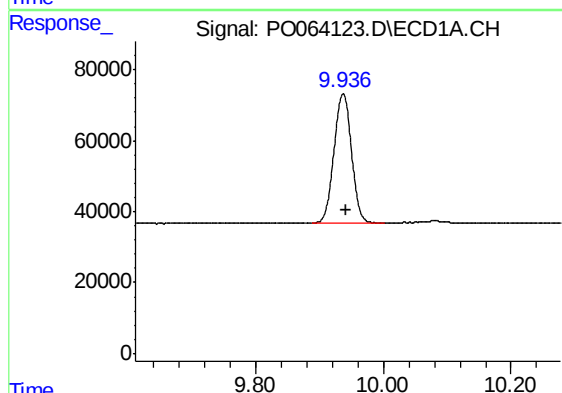
R.T.: 4.314 min  
Delta R.T.: -0.002 min  
Response: 674294  
Conc: 25.41 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ETGI-359



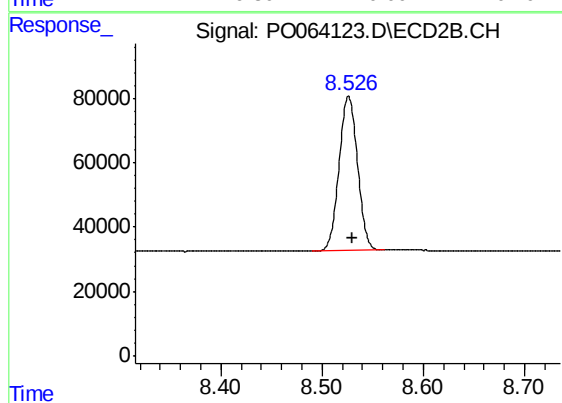
#1 Tetrachloro-m-xylene

R.T.: 3.563 min  
Delta R.T.: -0.001 min  
Response: 543276  
Conc: 25.49 ng/ml



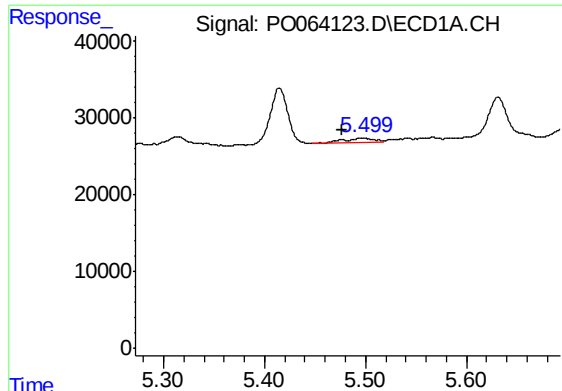
#2 Decachlorobiphenyl

R.T.: 9.937 min  
Delta R.T.: -0.004 min  
Response: 691854  
Conc: 19.79 ng/ml



#2 Decachlorobiphenyl

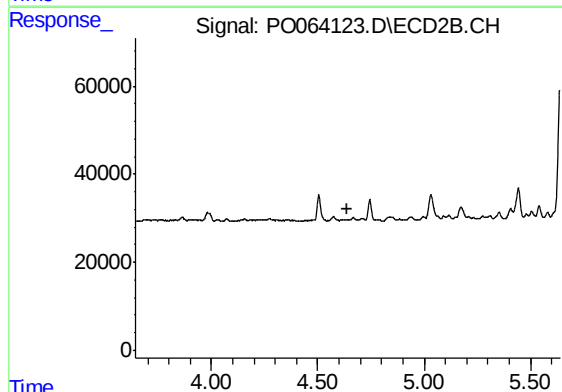
R.T.: 8.526 min  
Delta R.T.: -0.004 min  
Response: 605001  
Conc: 20.46 ng/ml



#3 AR-1016-1

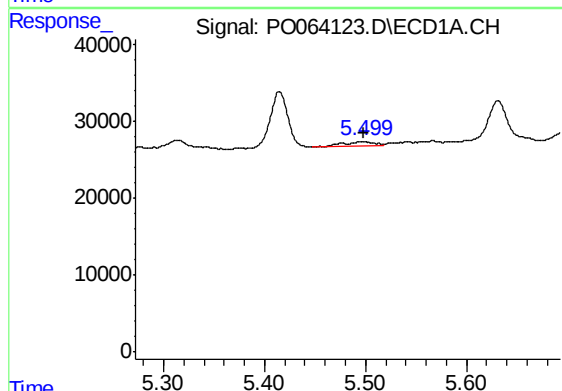
R.T.: 5.497 min  
Delta R.T.: 0.020 min  
Response: 13498  
Conc: 11.02 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ETGI-359



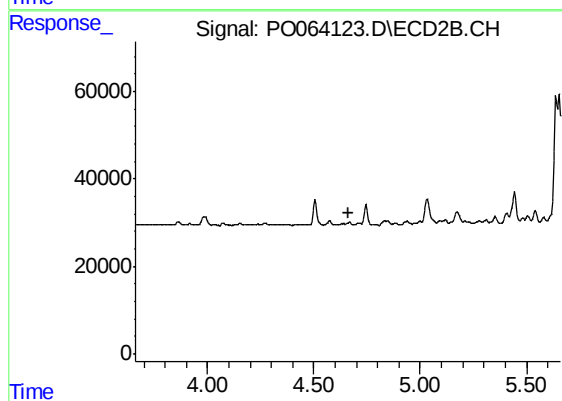
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 4.641 min  
Response: 0  
Conc: N.D.



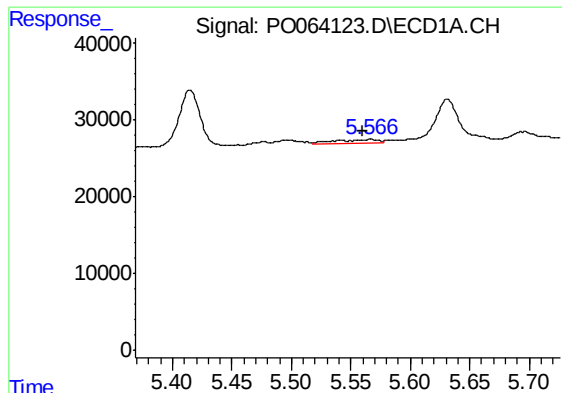
#4 AR-1016-2

R.T.: 5.497 min  
Delta R.T.: -0.002 min  
Response: 13498  
Conc: 7.78 ng/ml



#4 AR-1016-2

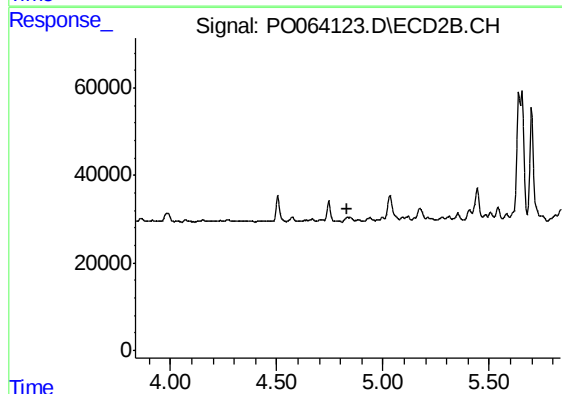
R.T.: 0.000 min  
Exp R.T. : 4.660 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

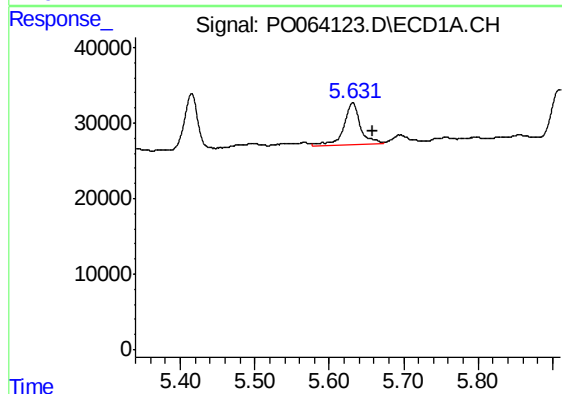
R.T.: 5.566 min  
Delta R.T.: 0.006 min  
Response: 11439  
Conc: 10.46 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ETGI-359



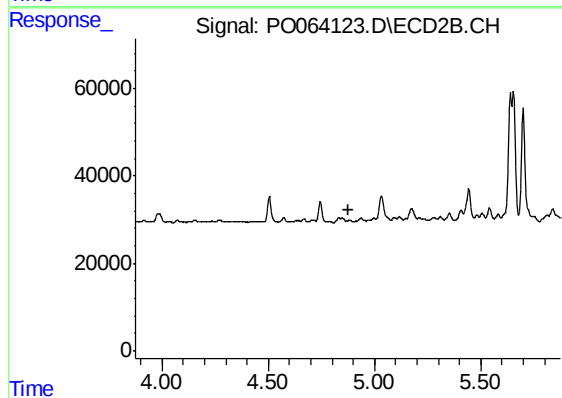
#5 AR-1016-3

R.T.: 0.000 min  
Exp R.T. : 4.835 min  
Response: 0  
Conc: N.D.



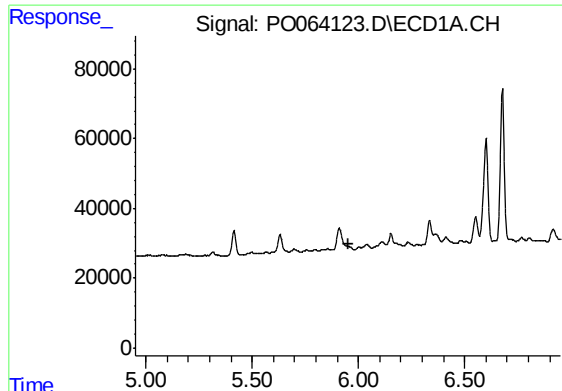
#6 AR-1016-4

R.T.: 5.632 min  
Delta R.T.: -0.027 min  
Response: 81887  
Conc: 91.36 ng/ml



#6 AR-1016-4

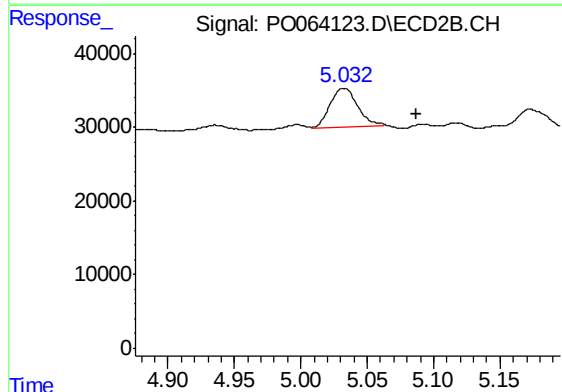
R.T.: 0.000 min  
Exp R.T. : 4.875 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

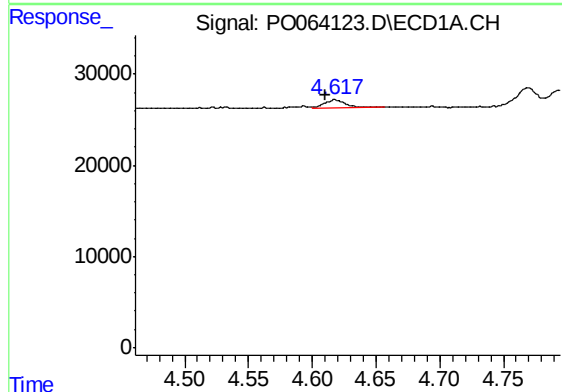
R.T.: 0.000 min  
Exp R.T. : 5.951 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_O  
ClientSampleId :  
ETGI-359



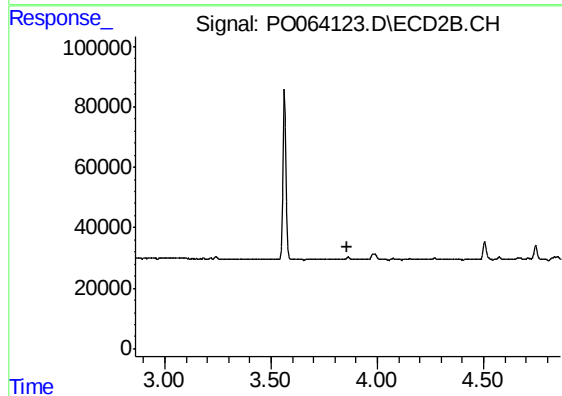
#7 AR-1016-5

R.T.: 5.032 min  
Delta R.T.: -0.055 min  
Response: 74901  
Conc: 94.18 ng/ml



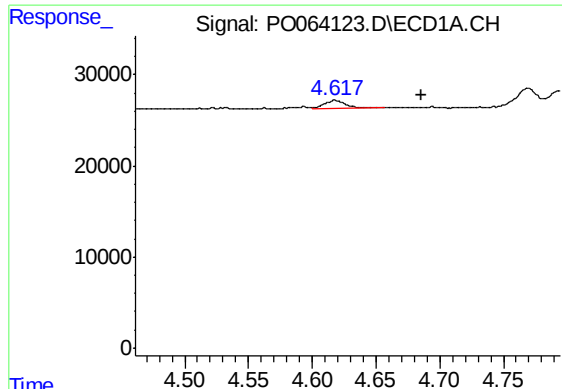
#9 AR-1221-2

R.T.: 4.618 min  
Delta R.T.: 0.008 min  
Response: 10300  
Conc: 38.58 ng/ml



#9 AR-1221-2

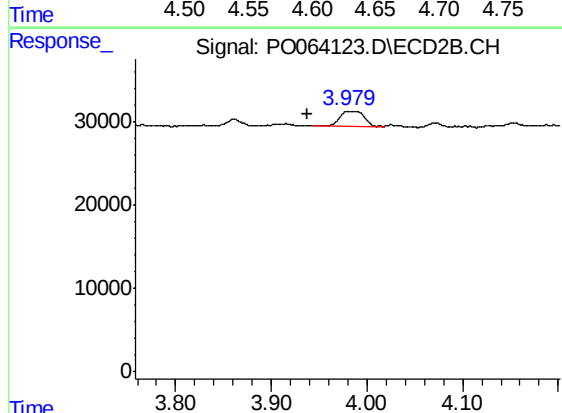
R.T.: 0.000 min  
Exp R.T. : 3.862 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

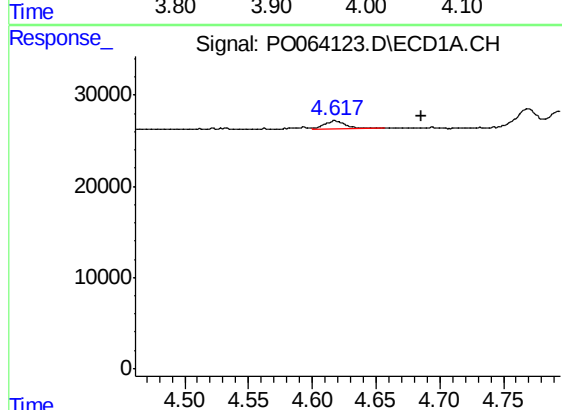
R.T.: 4.618 min  
Delta R.T.: -0.068 min  
Response: 10300  
Conc: 12.78 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ETGI-359



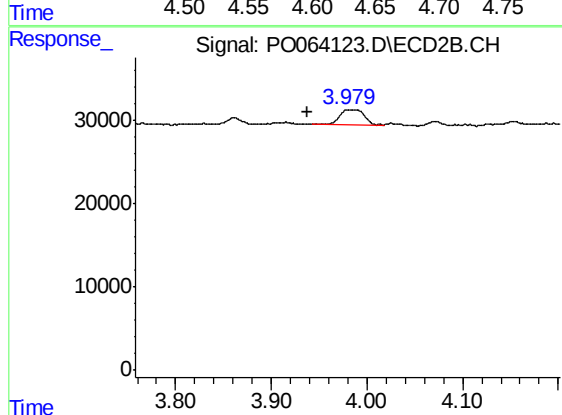
#10 AR-1221-3

R.T.: 3.979 min  
Delta R.T.: 0.042 min  
Response: 31484  
Conc: 50.72 ng/ml



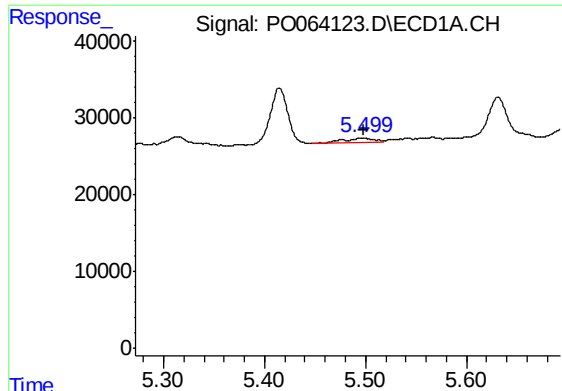
#11 AR-1232-1

R.T.: 4.618 min  
Delta R.T.: -0.068 min  
Response: 10300  
Conc: 8.32 ng/ml



#11 AR-1232-1

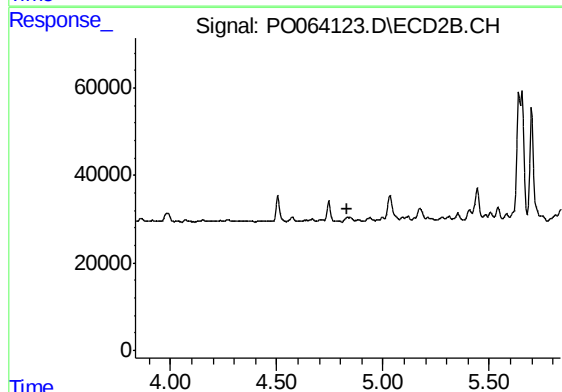
R.T.: 3.979 min  
Delta R.T.: 0.042 min  
Response: 31484  
Conc: 32.08 ng/ml



#13 AR-1232-3

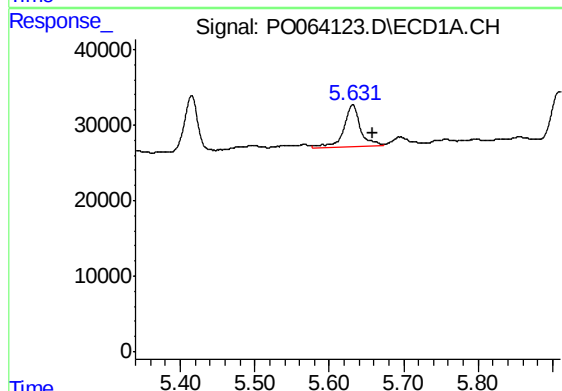
R.T.: 5.497 min  
Delta R.T.: -0.002 min  
Response: 13498  
Conc: 9.93 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ETGI-359



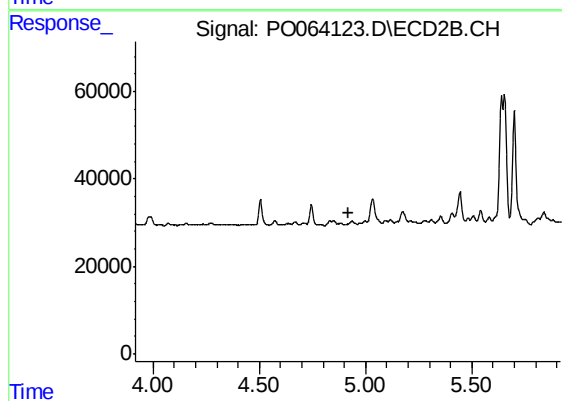
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 4.835 min  
Response: 0  
Conc: N.D.



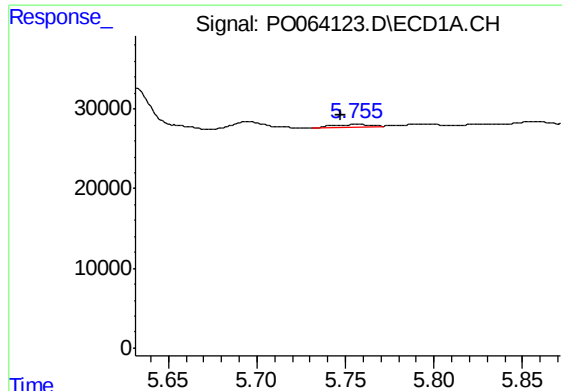
#14 AR-1232-4

R.T.: 5.632 min  
Delta R.T.: -0.027 min  
Response: 81887  
Conc: 116.59 ng/ml



#14 AR-1232-4

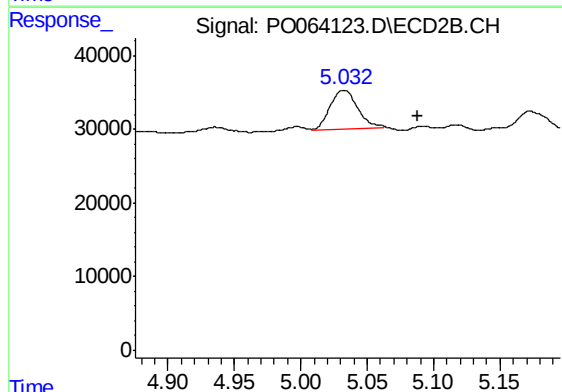
R.T.: 0.000 min  
Exp R.T. : 4.917 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

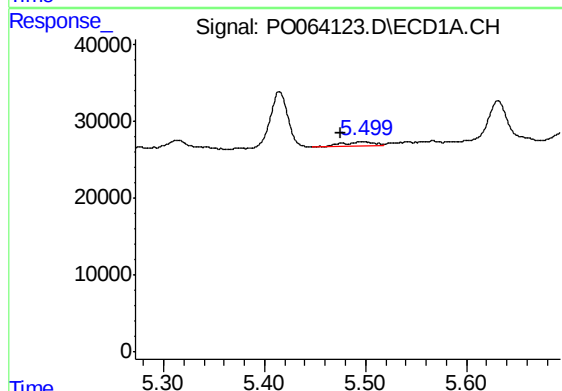
R.T.: 5.756 min  
Delta R.T.: 0.009 min  
Response: 6469  
Conc: 11.82 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ETGI-359



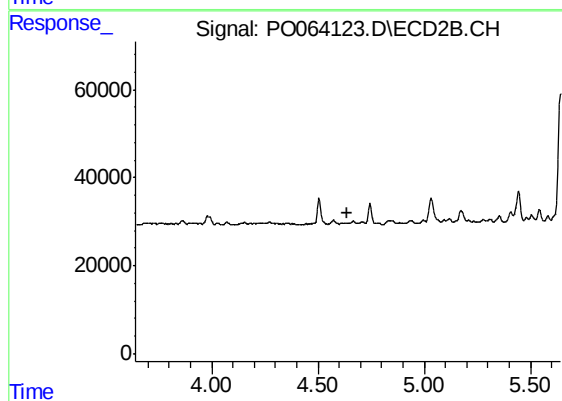
#15 AR-1232-5

R.T.: 5.032 min  
Delta R.T.: -0.055 min  
Response: 74901  
Conc: 132.38 ng/ml



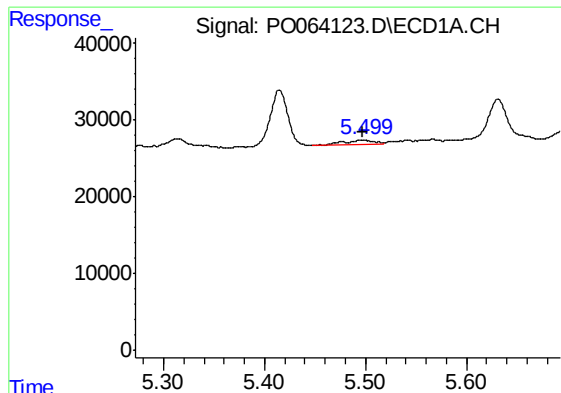
#16 AR-1242-1

R.T.: 5.497 min  
Delta R.T.: 0.021 min  
Response: 13498  
Conc: 14.03 ng/ml



#16 AR-1242-1

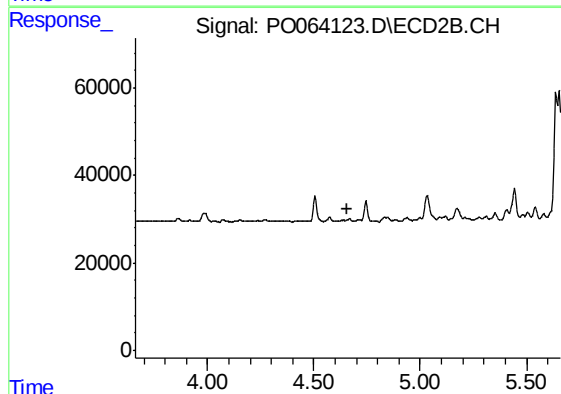
R.T.: 0.000 min  
Exp R.T. : 4.641 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

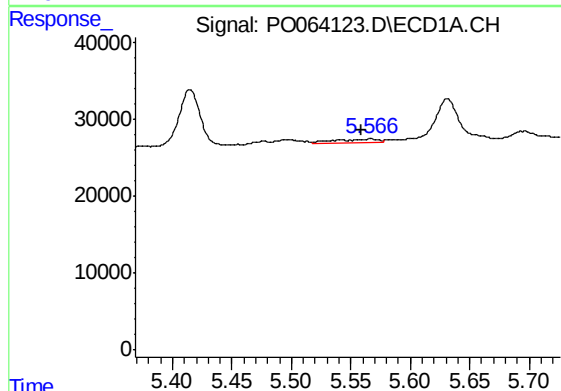
R.T.: 5.497 min  
Delta R.T.: 0.000 min  
Response: 13498  
Conc: 9.97 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ETGI-359



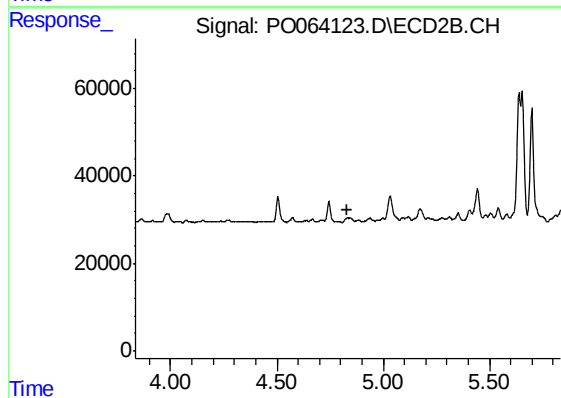
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 4.660 min  
Response: 0  
Conc: N.D.



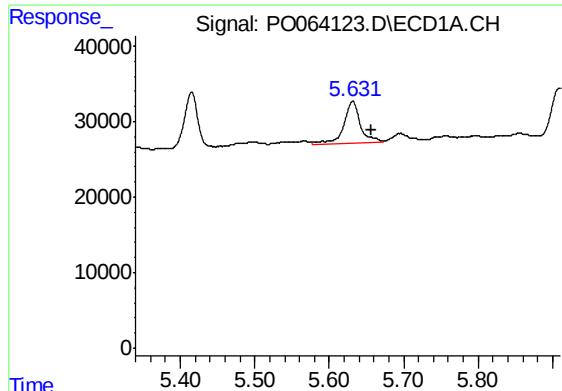
#18 AR-1242-3

R.T.: 5.566 min  
Delta R.T.: 0.007 min  
Response: 11439  
Conc: 13.05 ng/ml



#18 AR-1242-3

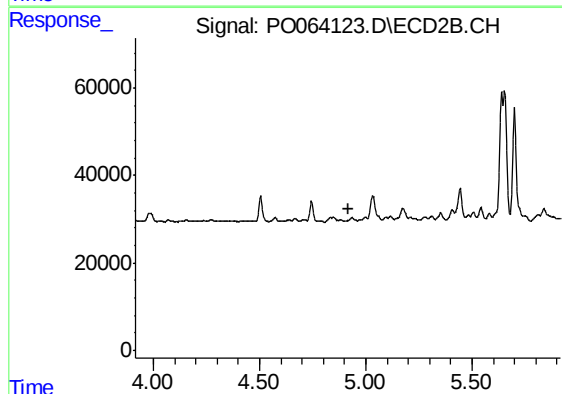
R.T.: 0.000 min  
Exp R.T. : 4.834 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

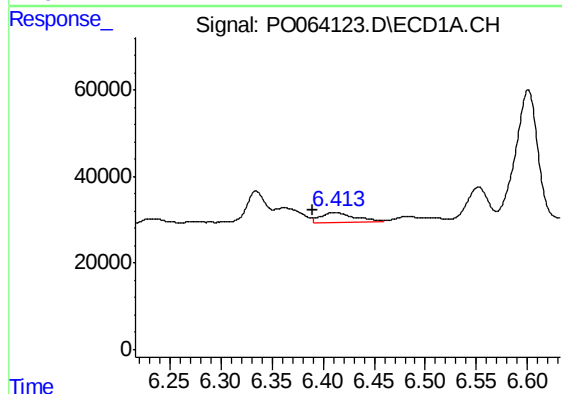
R.T.: 5.632 min  
Delta R.T.: -0.026 min  
Response: 81887  
Conc: 114.34 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ETGI-359



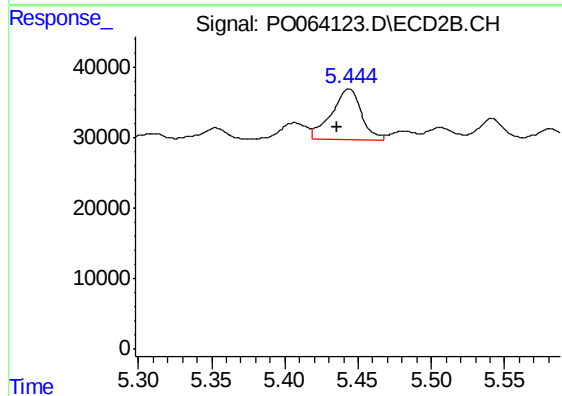
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T. : 4.916 min  
Response: 0  
Conc: N.D.



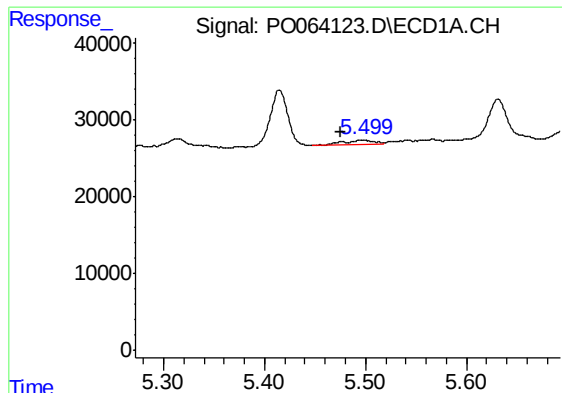
#20 AR-1242-5

R.T.: 6.412 min  
Delta R.T.: 0.023 min  
Response: 52963  
Conc: 60.26 ng/ml



#20 AR-1242-5

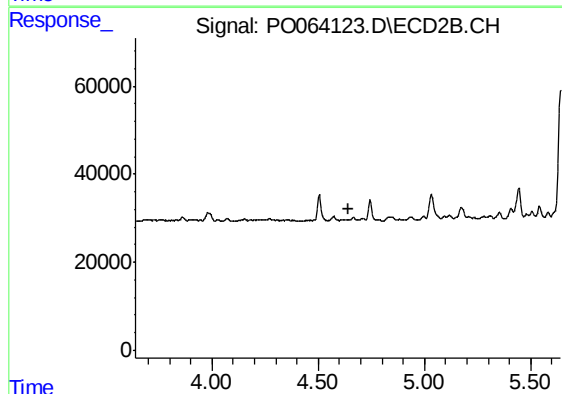
R.T.: 5.444 min  
Delta R.T.: 0.008 min  
Response: 102143  
Conc: 128.73 ng/ml



#21 AR-1248-1

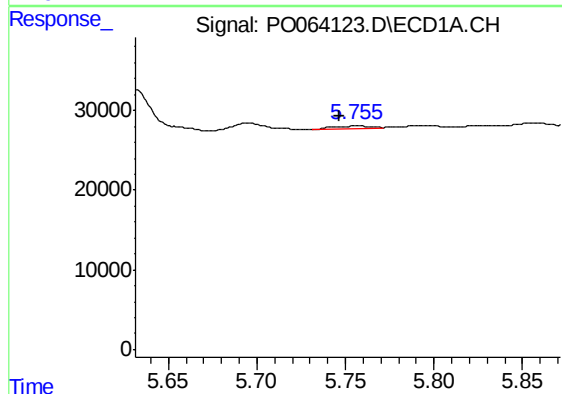
R.T.: 5.497 min  
Delta R.T.: 0.021 min  
Response: 13498  
Conc: 18.27 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ETGI-359



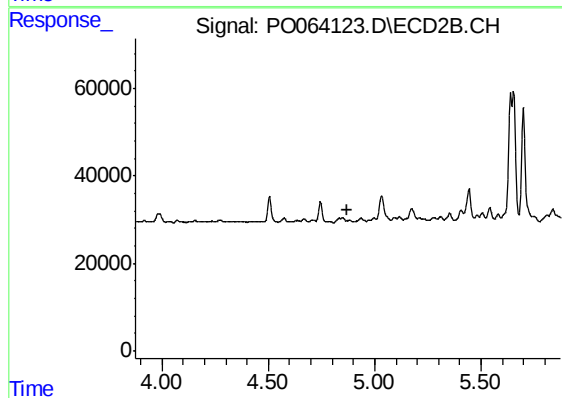
#21 AR-1248-1

R.T.: 0.000 min  
Exp R.T. : 4.640 min  
Response: 0  
Conc: N.D.



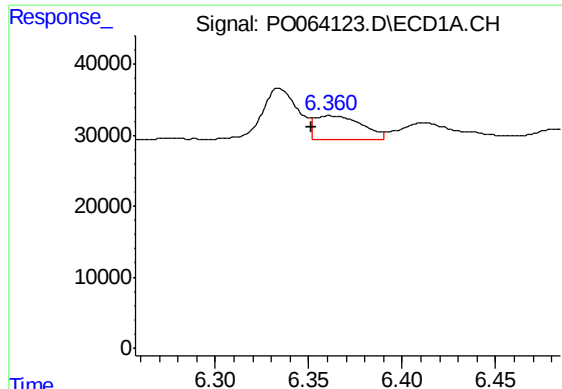
#22 AR-1248-2

R.T.: 5.756 min  
Delta R.T.: 0.010 min  
Response: 6469  
Conc: 6.02 ng/ml



#22 AR-1248-2

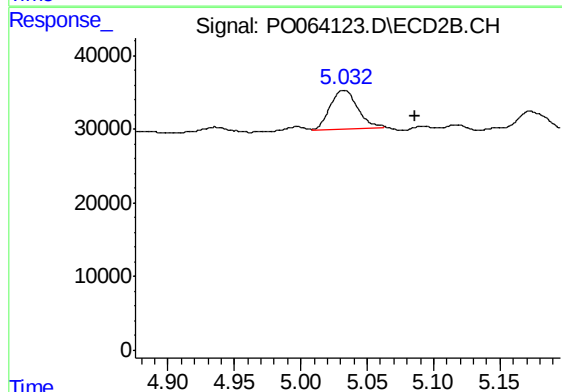
R.T.: 0.000 min  
Exp R.T. : 4.874 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

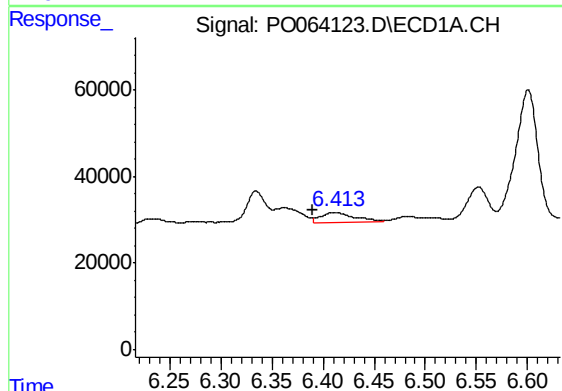
R.T.: 6.362 min  
Delta R.T.: 0.010 min  
Response: 59211  
Conc: 42.20 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ETGI-359



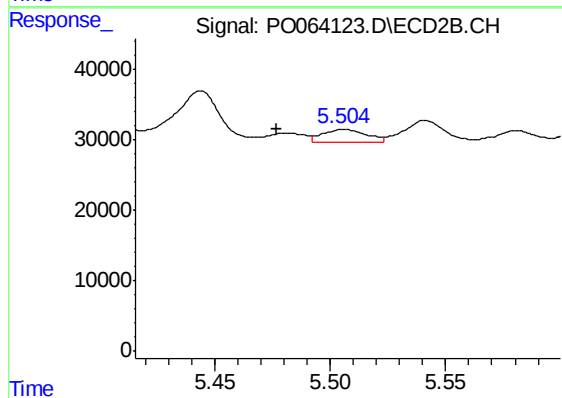
#24 AR-1248-4

R.T.: 5.032 min  
Delta R.T.: -0.054 min  
Response: 74901  
Conc: 75.35 ng/ml



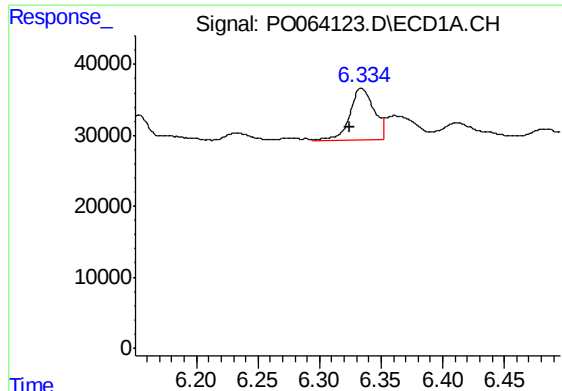
#25 AR-1248-5

R.T.: 6.412 min  
Delta R.T.: 0.022 min  
Response: 52963  
Conc: 39.22 ng/ml



#25 AR-1248-5

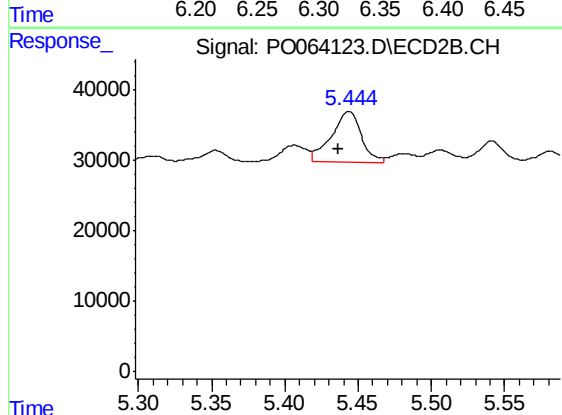
R.T.: 5.505 min  
Delta R.T.: 0.028 min  
Response: 23464  
Conc: 22.60 ng/ml



#26 AR-1254-1

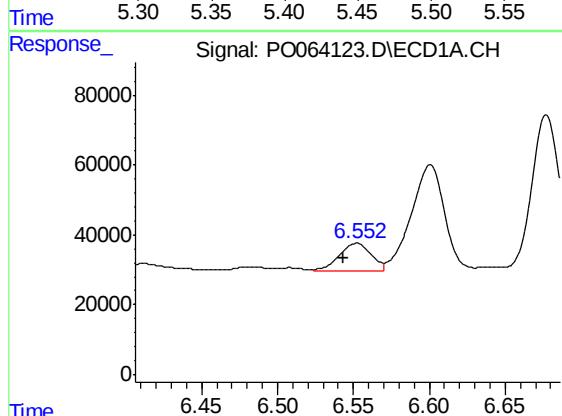
R.T.: 6.334 min  
Delta R.T.: 0.009 min  
Response: 102198  
Conc: 70.12 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ETGI-359



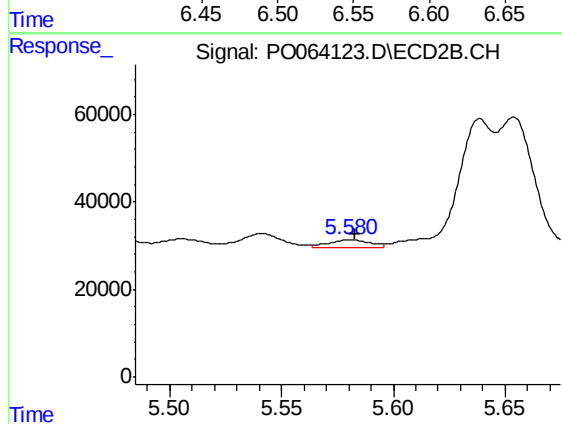
#26 AR-1254-1

R.T.: 5.444 min  
Delta R.T.: 0.007 min  
Response: 102143  
Conc: 61.24 ng/ml



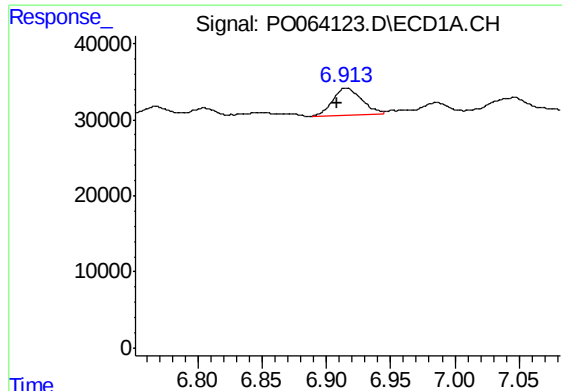
#27 AR-1254-2

R.T.: 6.552 min  
Delta R.T.: 0.009 min  
Response: 115050  
Conc: 49.25 ng/ml



#27 AR-1254-2

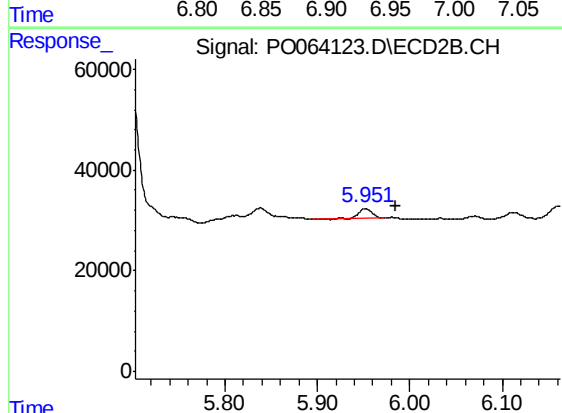
R.T.: 5.581 min  
Delta R.T.: -0.002 min  
Response: 20430  
Conc: 13.59 ng/ml



#28 AR-1254-3

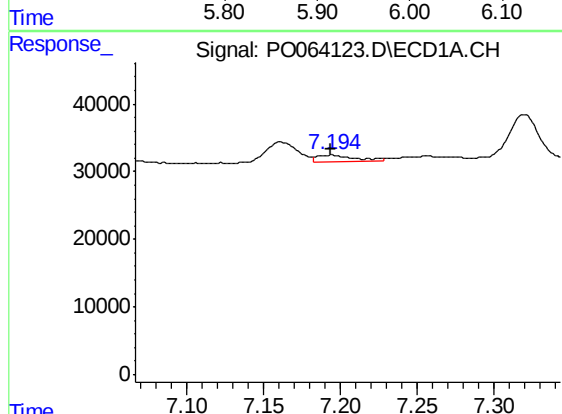
R.T.: 6.915 min  
Delta R.T.: 0.007 min  
Response: 56889  
Conc: 21.52 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ETGI-359



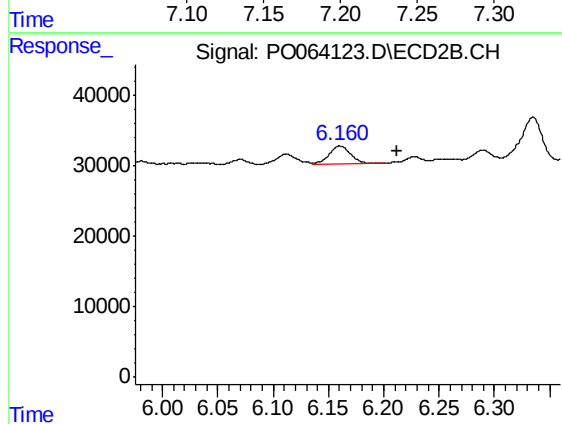
#28 AR-1254-3

R.T.: 5.952 min  
Delta R.T.: -0.033 min  
Response: 20337  
Conc: 7.98 ng/ml



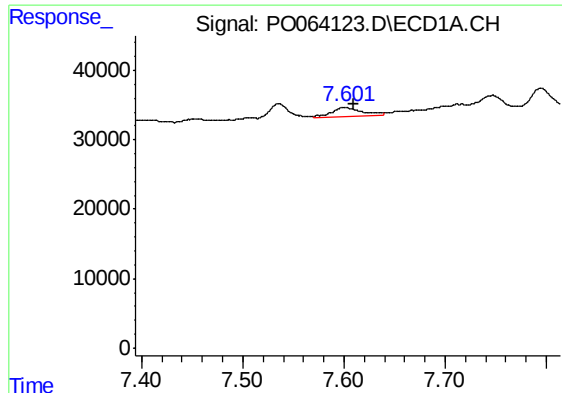
#29 AR-1254-4

R.T.: 7.194 min  
Delta R.T.: 0.000 min  
Response: 15043  
Conc: 7.37 ng/ml



#29 AR-1254-4

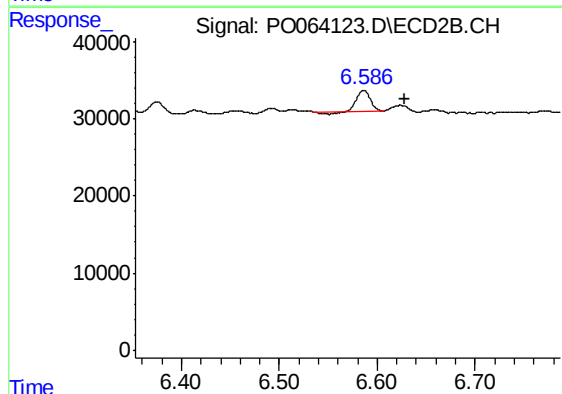
R.T.: 6.160 min  
Delta R.T.: -0.052 min  
Response: 33703  
Conc: 19.85 ng/ml



#30 AR-1254-5

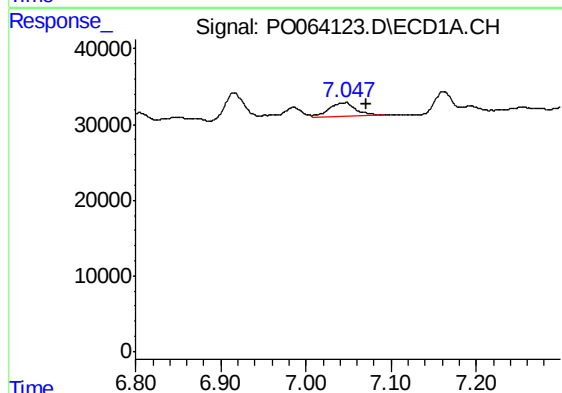
R.T.: 7.602 min  
Delta R.T.: -0.008 min  
Response: 30165  
Conc: 14.10 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ETGI-359



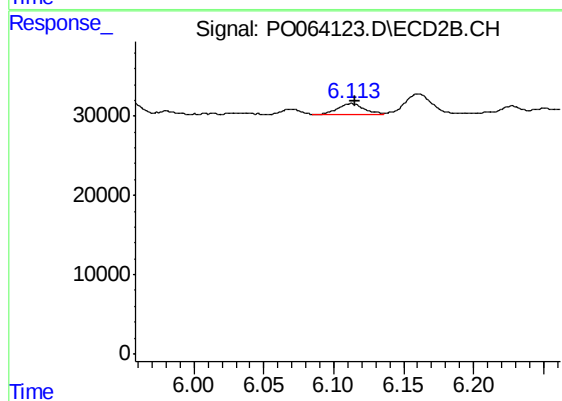
#30 AR-1254-5

R.T.: 6.586 min  
Delta R.T.: -0.042 min  
Response: 23186  
Conc: 9.54 ng/ml



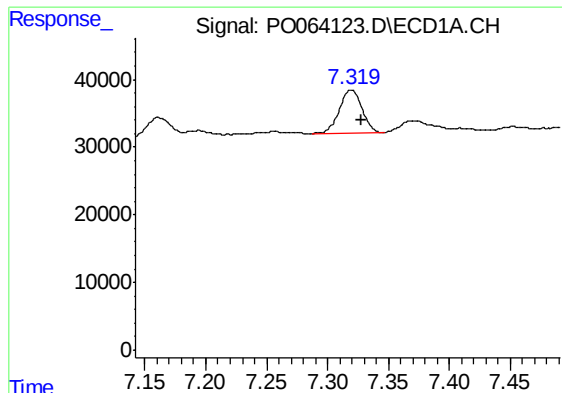
#31 AR-1260-1

R.T.: 7.046 min  
Delta R.T.: -0.024 min  
Response: 40862  
Conc: 23.18 ng/ml



#31 AR-1260-1

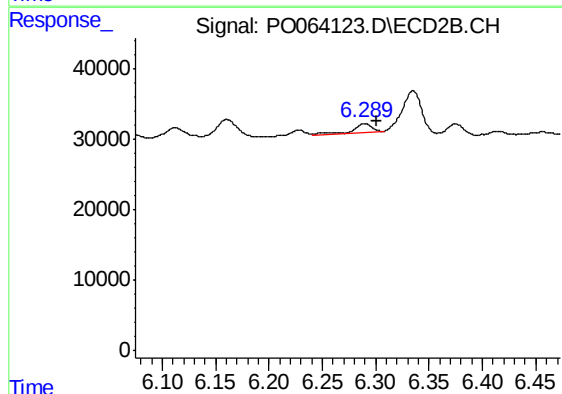
R.T.: 6.112 min  
Delta R.T.: -0.003 min  
Response: 17550  
Conc: 10.85 ng/ml



#32 AR-1260-2

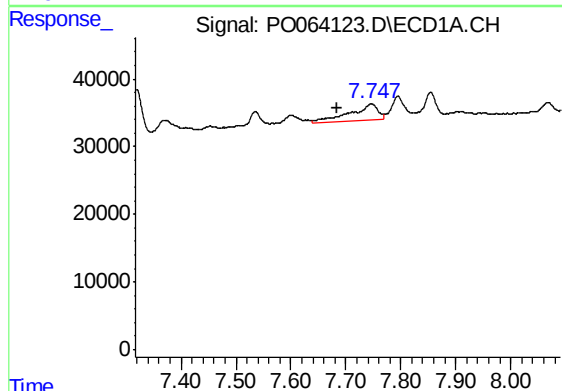
R.T.: 7.320 min  
Delta R.T.: -0.008 min  
Response: 84192  
Conc: 38.20 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ETGI-359



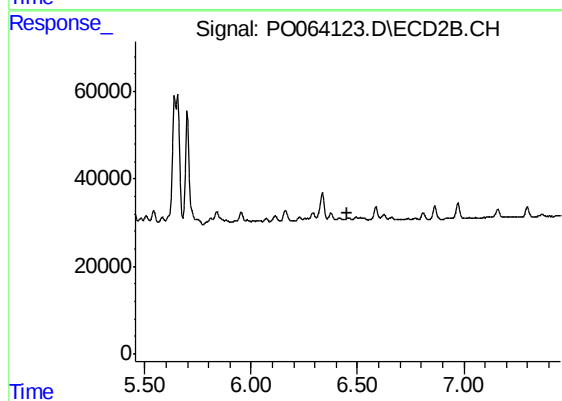
#32 AR-1260-2

R.T.: 6.290 min  
Delta R.T.: -0.012 min  
Response: 14756  
Conc: 7.13 ng/ml



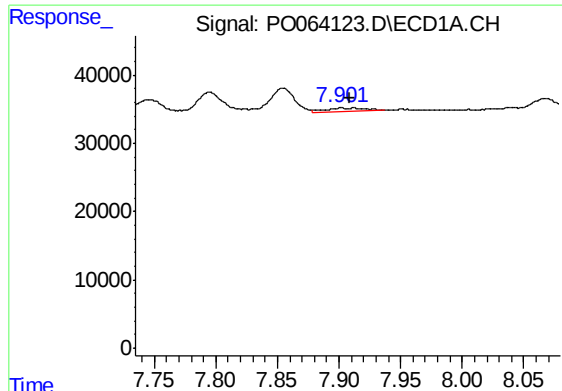
#33 AR-1260-3

R.T.: 7.747 min  
Delta R.T.: 0.062 min  
Response: 86677  
Conc: 50.98 ng/ml



#33 AR-1260-3

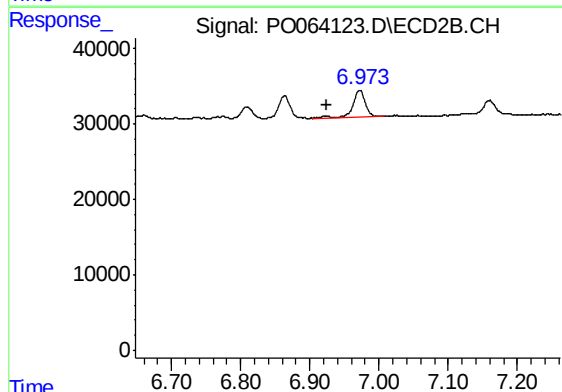
R.T.: 0.000 min  
Exp R.T.: 6.455 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

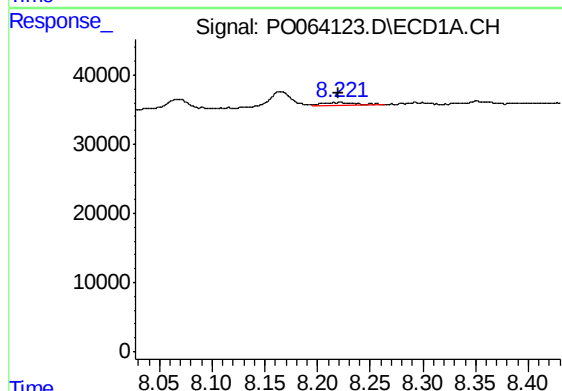
R.T.: 7.902 min  
Delta R.T.: -0.007 min  
Response: 10766  
Conc: 5.25 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ETGI-359



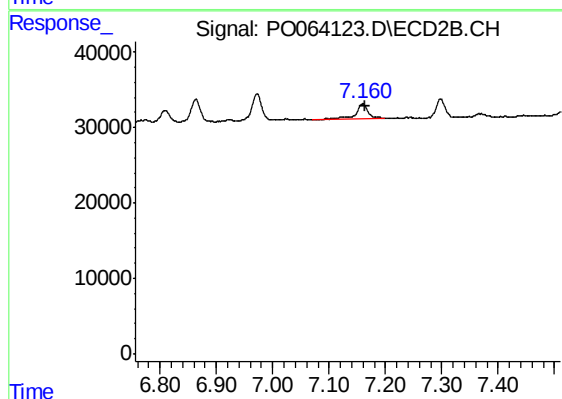
#34 AR-1260-4

R.T.: 6.973 min  
Delta R.T.: 0.048 min  
Response: 46224  
Conc: 28.20 ng/ml



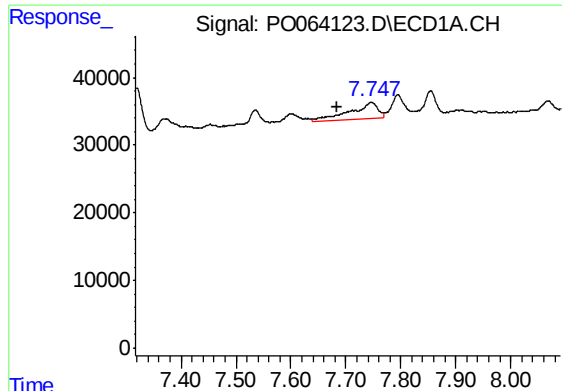
#35 AR-1260-5

R.T.: 8.222 min  
Delta R.T.: 0.002 min  
Response: 10255  
Conc: 2.42 ng/ml



#35 AR-1260-5

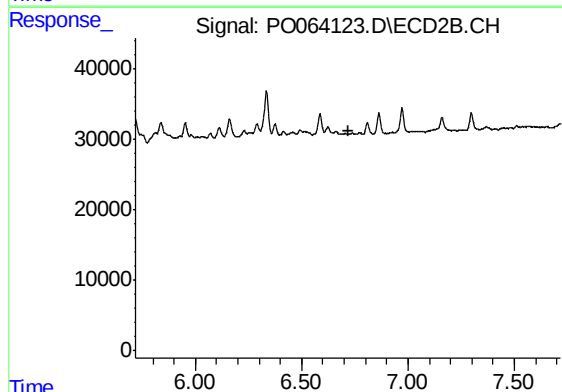
R.T.: 7.160 min  
Delta R.T.: -0.005 min  
Response: 28966  
Conc: 7.33 ng/ml



#36 AR-1262-1

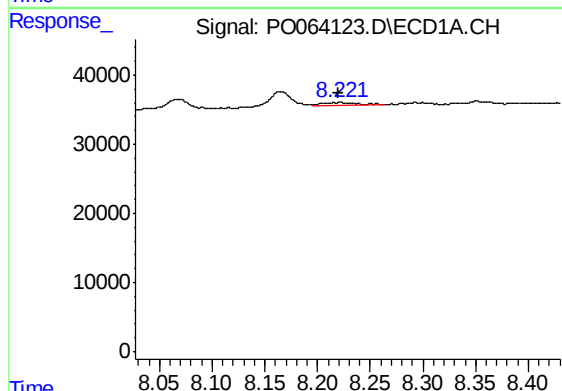
R.T.: 7.747 min  
Delta R.T.: 0.062 min  
Response: 86677  
Conc: 33.67 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ETGI-359



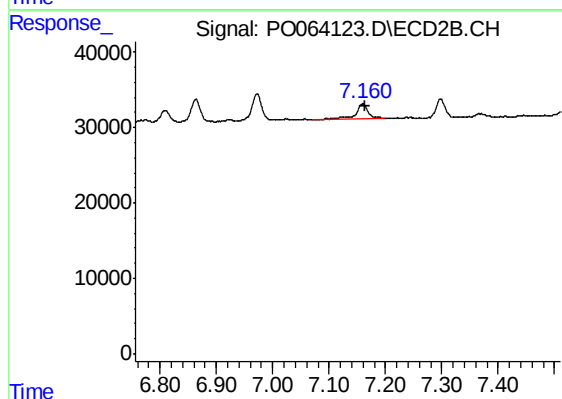
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T. : 6.718 min  
Response: 0  
Conc: N.D.



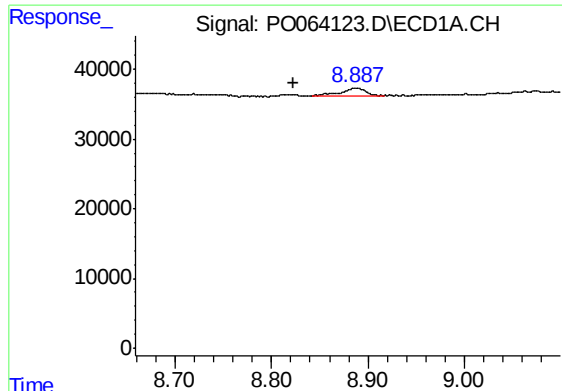
#37 AR-1262-2

R.T.: 8.222 min  
Delta R.T.: 0.002 min  
Response: 10255  
Conc: 2.11 ng/ml



#37 AR-1262-2

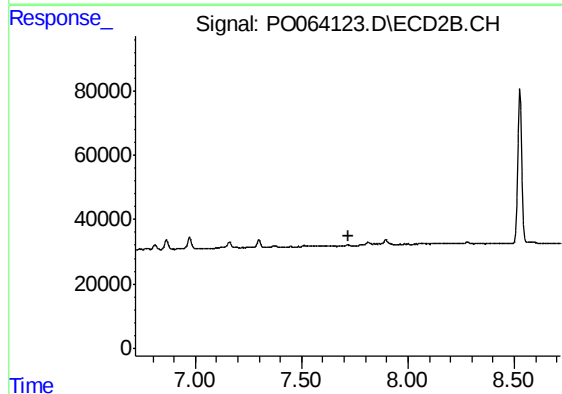
R.T.: 7.160 min  
Delta R.T.: -0.004 min  
Response: 28966  
Conc: 6.02 ng/ml



#43 AR-1268-3

R.T.: 8.888 min  
Delta R.T.: 0.065 min  
Response: 19819  
Conc: 4.58 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
ETGI-359



#43 AR-1268-3

R.T.: 0.000 min  
Exp R.T. : 7.718 min  
Response: 0  
Conc: N.D.