

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP120221\  
 Data File : PP041588.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 02 Dec 2021 17:52  
 Operator : AJ\MA  
 Sample : M4068-03  
 Misc : AR1254 LOD 40 PPB  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 02 22:54:47 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP113021.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Nov 30 23:30:32 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... | 4.747   | 3.751  | 522997 | 753242 | 23.193  | 24.797    |
| 2)                          | SA Decachlor... | 10.646  | 9.010  | 533990 | 377847 | 24.799  | 24.448    |
| Target Compounds            |                 |         |        |        |        |         |           |
| 6)                          | L1 AR-1016-4    | 0.000   | 5.260  | 0      | 26373  | N.D.    | 41.855 #  |
| 7)                          | L1 AR-1016-5    | 6.572   | 5.488  | 10883  | 15361  | 18.572  | 20.650    |
| 8)                          | L2 AR-1221-1    | 4.997   | 0.000  | 19622  | 0      | 74.652  | N.D. #    |
| 9)                          | L2 AR-1221-2    | 5.099   | 4.099  | 8180   | 12378  | 43.651  | 44.962    |
| 15)                         | L3 AR-1232-5    | 6.356   | 5.488  | 18960  | 15361  | 117.775 | 49.920 #  |
| 20)                         | L4 AR-1242-5    | 7.040   | 5.866  | 10370  | 67954  | 21.579  | 104.412 # |
| 22)                         | L5 AR-1248-2    | 6.356   | 5.260  | 18960  | 26373  | 30.573  | 32.394    |
| 23)                         | L5 AR-1248-3    | 6.572   | 0.000  | 10883  | 0      | 14.567  | N.D. #    |
| 24)                         | L5 AR-1248-4    | 7.001   | 5.488  | 18985  | 15361  | 22.665  | 15.751 #  |
| 25)                         | L5 AR-1248-5    | 7.040   | 0.000  | 10370  | 0      | 12.461  | N.D. #    |
| 26)                         | L6 AR-1254-1    | 6.969   | 5.866  | 37568  | 67954  | 44.265  | 48.816    |
| 27)                         | L6 AR-1254-2    | 7.198   | 6.026  | 56164  | 56782  | 42.633  | 47.546    |
| 28)                         | L6 AR-1254-3    | 7.579   | 6.445  | 57318  | 82065  | 40.241  | 46.357    |
| 29)                         | L6 AR-1254-4    | 7.875   | 6.685  | 43971  | 48924  | 42.382  | 47.467    |
| 30)                         | L6 AR-1254-5    | 8.302   | 7.114  | 40596  | 64797  | 36.171  | 44.441    |
| 31)                         | L7 AR-1260-1    | 7.745   | 6.583  | 14947  | 43644  | 15.141  | 38.102 #  |
| 32)                         | L7 AR-1260-2    | 8.011   | 6.781  | 44983  | 32270  | 35.803  | 24.584 #  |
| 33)                         | L7 AR-1260-3    | 8.363   | 6.932  | 1080   | 54709  | 1.193   | 40.902 #  |
| 34)                         | L7 AR-1260-4    | 8.599   | 0.000  | 16832  | 0      | 15.729  | N.D. #    |
| 35)                         | L7 AR-1260-5    | 8.924   | 7.643f | 5701   | 3554   | 2.751   | 1.719 #   |
| 36)                         | L8 AR-1262-1    | 8.363   | 7.114  | 1080   | 64797  | 0.851   | 86.695 #  |
| 37)                         | L8 AR-1262-2    | 8.924   | 7.643f | 5701   | 3554   | 2.523   | 1.684 #   |
| 38)                         | L8 AR-1262-3    | 9.239f  | 0.000  | 2003   | 0      | 1.845   | N.D. #    |
| 41)                         | L9 AR-1268-1    | 9.239f  | 0.000  | 2003   | 0      | 0.740   | N.D. #    |
| 45)                         | L9 AR-1268-5    | 10.355f | 0.000  | 13967  | 0      | 1.932   | N.D. #    |
| -----                       |                 |         |        |        |        |         |           |

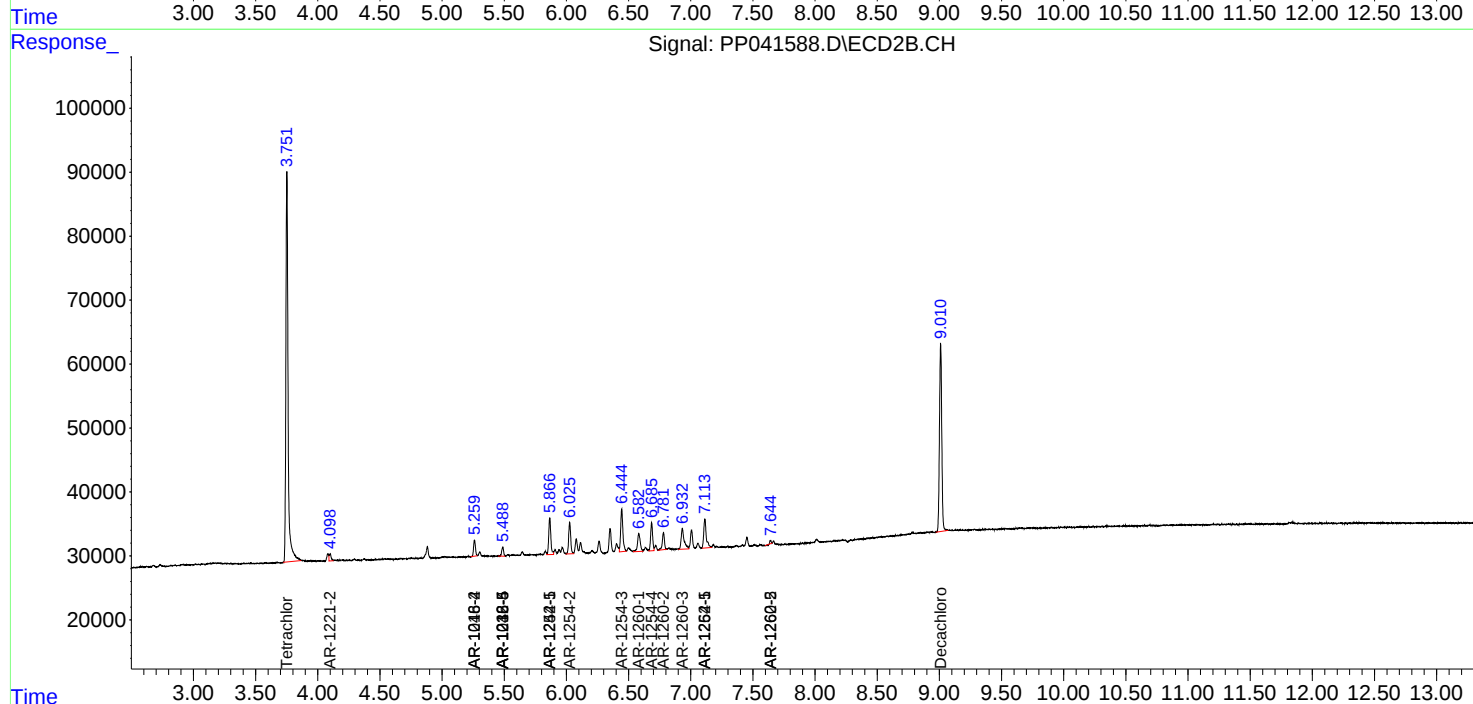
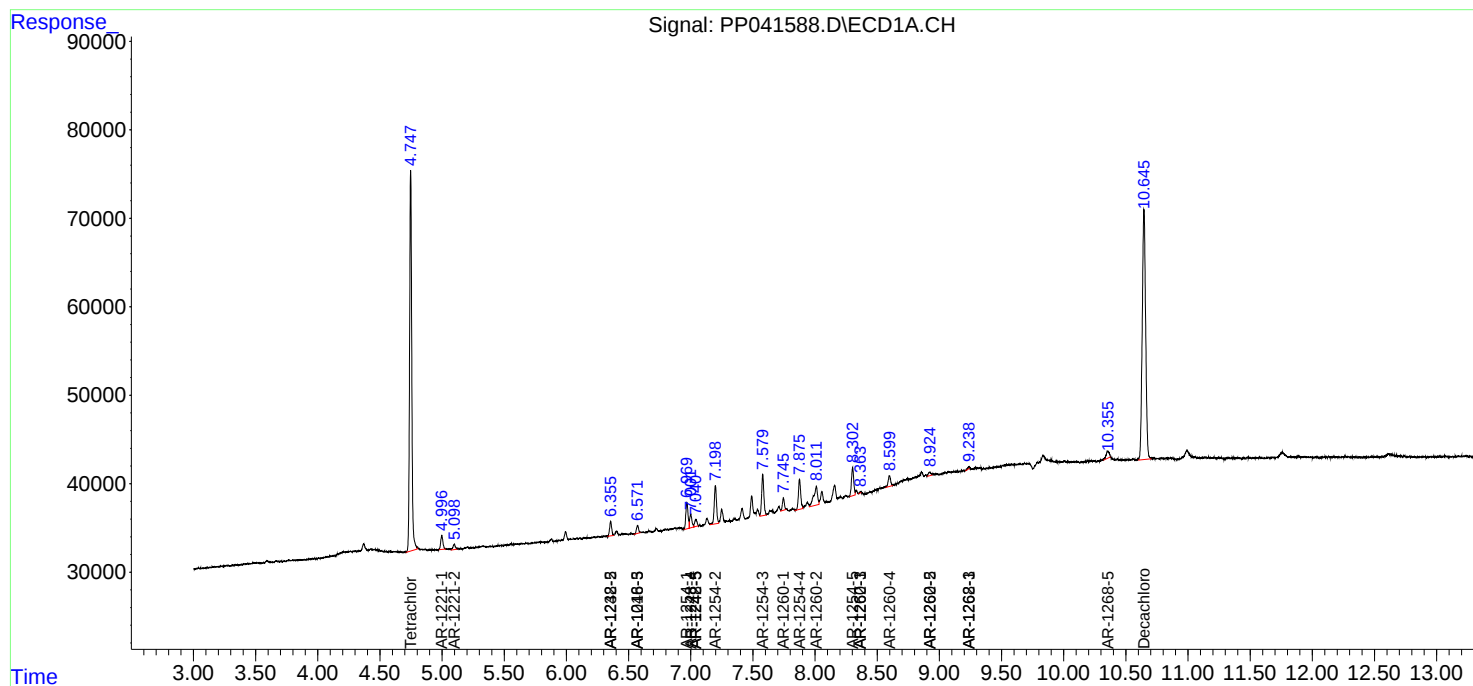
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

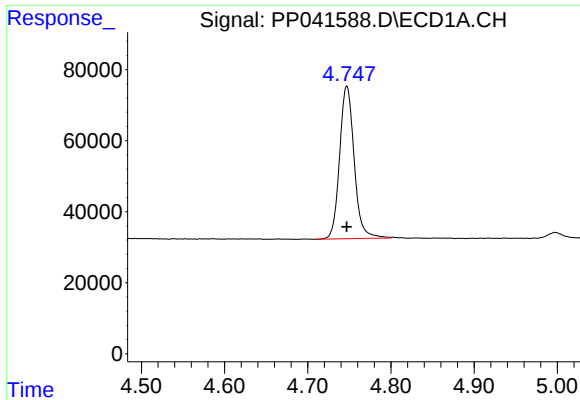
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP120221\  
Data File : PP041588.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 02 Dec 2021 17:52  
Operator : AJ\MA  
Sample : M4068-03  
Misc : AR1254 LOD 40 PPB  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 02 22:54:47 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP113021.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Nov 30 23:30:32 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

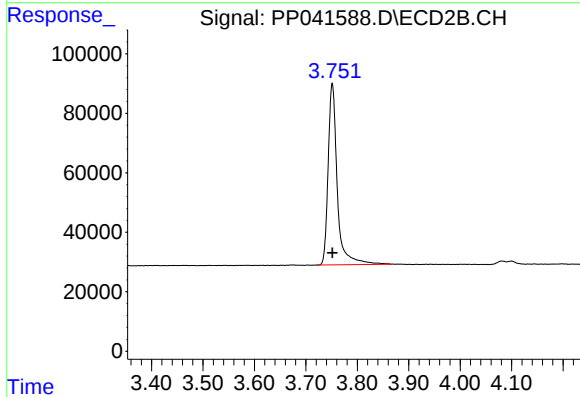




#1 Tetrachloro-m-xylene

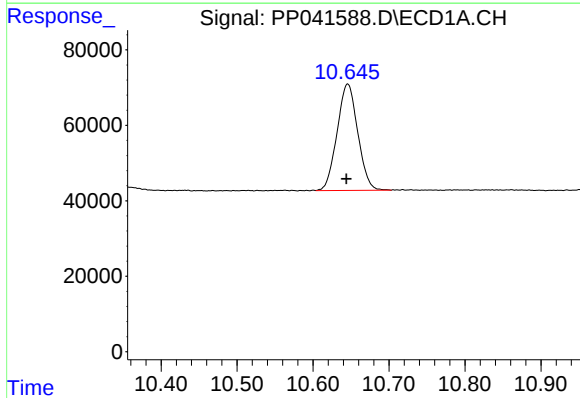
R.T.: 4.747 min  
Delta R.T.: 0.000 min  
Response: 522997  
Conc: 23.19 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



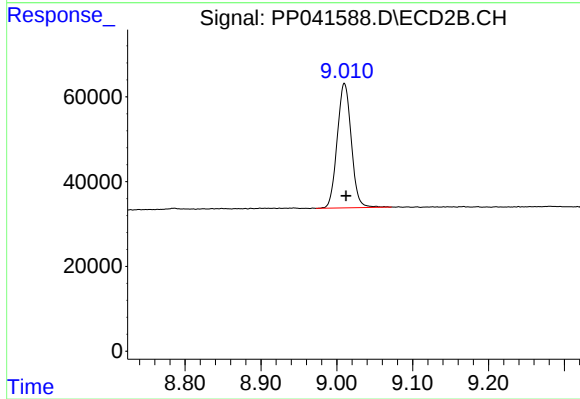
#1 Tetrachloro-m-xylene

R.T.: 3.751 min  
Delta R.T.: 0.000 min  
Response: 753242  
Conc: 24.80 ng/ml



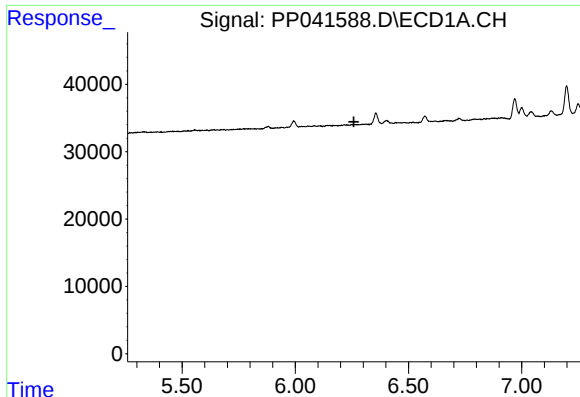
#2 Decachlorobiphenyl

R.T.: 10.646 min  
Delta R.T.: 0.001 min  
Response: 533990  
Conc: 24.80 ng/ml



#2 Decachlorobiphenyl

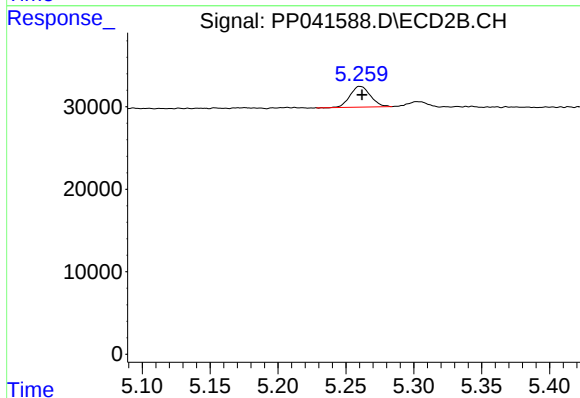
R.T.: 9.010 min  
Delta R.T.: -0.002 min  
Response: 377847  
Conc: 24.45 ng/ml



#6 AR-1016-4

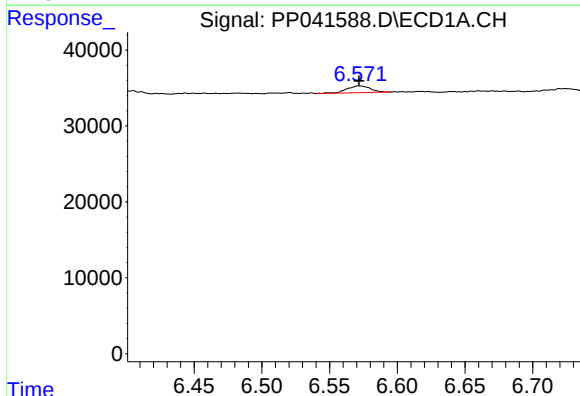
R.T.: 0.000 min  
Exp R.T.: 6.258 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



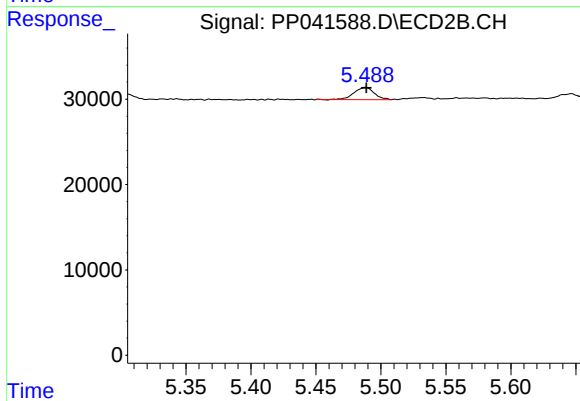
#6 AR-1016-4

R.T.: 5.260 min  
Delta R.T.: -0.002 min  
Response: 26373  
Conc: 41.85 ng/ml



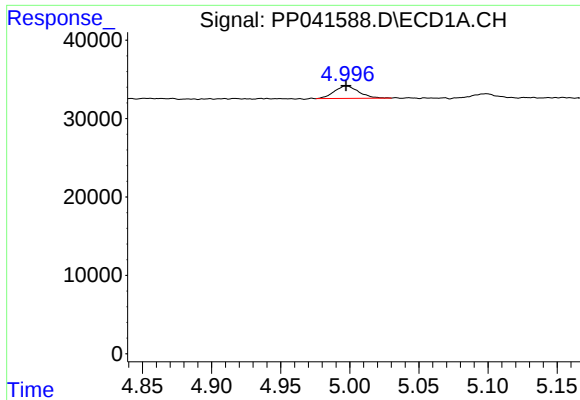
#7 AR-1016-5

R.T.: 6.572 min  
Delta R.T.: 0.000 min  
Response: 10883  
Conc: 18.57 ng/ml



#7 AR-1016-5

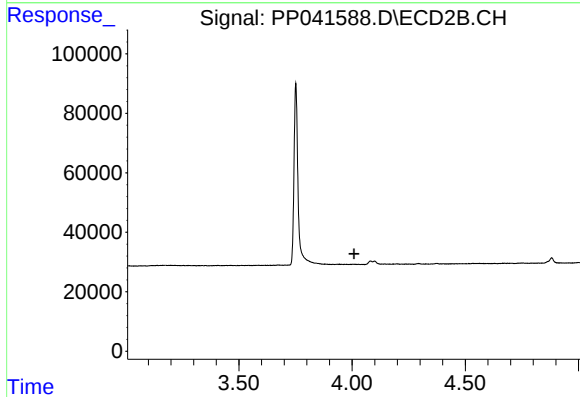
R.T.: 5.488 min  
Delta R.T.: 0.000 min  
Response: 15361  
Conc: 20.65 ng/ml



#8 AR-1221-1

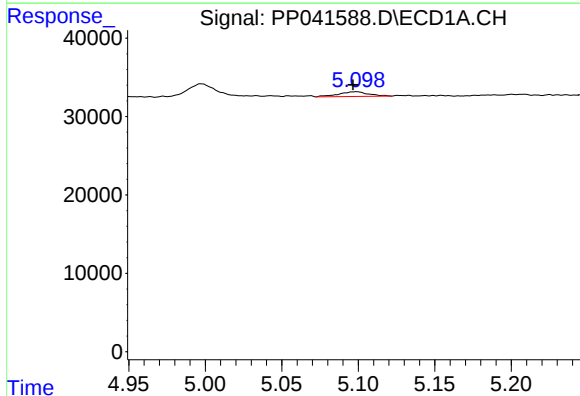
R.T.: 4.997 min  
Delta R.T.: 0.000 min  
Response: 19622  
Conc: 74.65 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



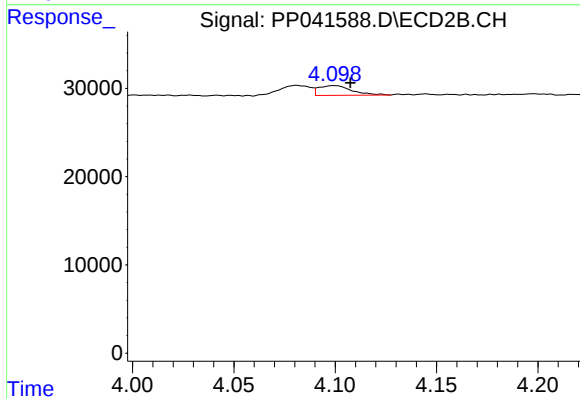
#8 AR-1221-1

R.T.: 0.000 min  
Exp R.T. : 4.008 min  
Response: 0  
Conc: N.D.



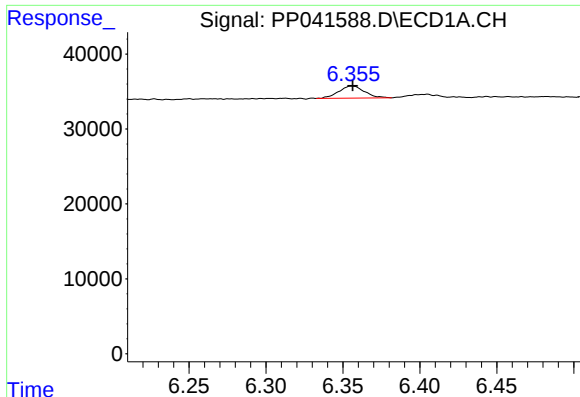
#9 AR-1221-2

R.T.: 5.099 min  
Delta R.T.: 0.002 min  
Response: 8180  
Conc: 43.65 ng/ml



#9 AR-1221-2

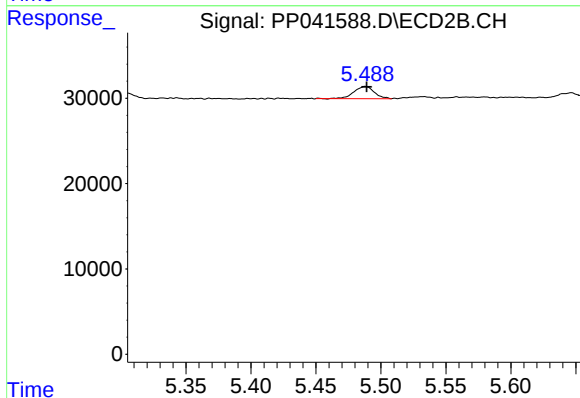
R.T.: 4.099 min  
Delta R.T.: -0.008 min  
Response: 12378  
Conc: 44.96 ng/ml



#15 AR-1232-5

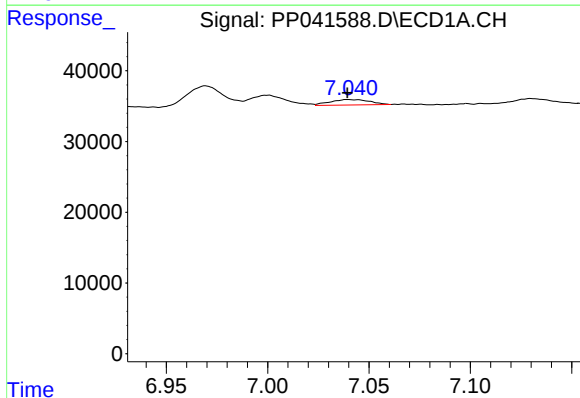
R.T.: 6.356 min  
Delta R.T.: 0.000 min  
Response: 18960  
Conc: 117.78 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



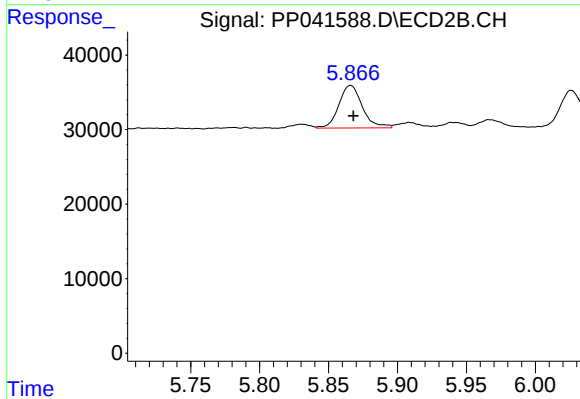
#15 AR-1232-5

R.T.: 5.488 min  
Delta R.T.: -0.001 min  
Response: 15361  
Conc: 49.92 ng/ml



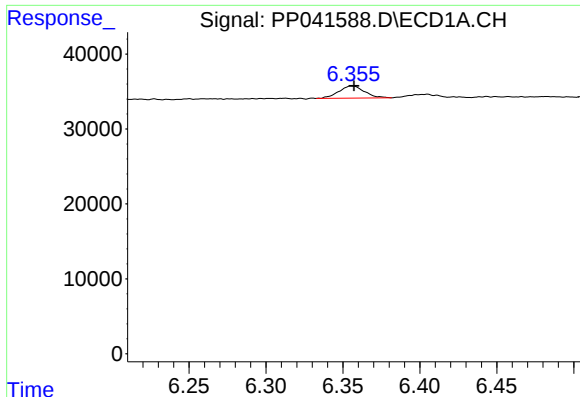
#20 AR-1242-5

R.T.: 7.040 min  
Delta R.T.: 0.000 min  
Response: 10370  
Conc: 21.58 ng/ml



#20 AR-1242-5

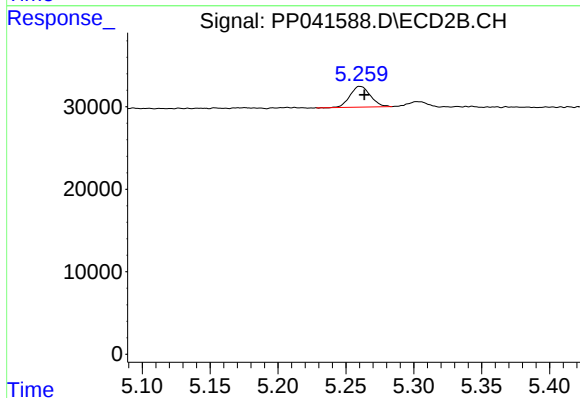
R.T.: 5.866 min  
Delta R.T.: -0.002 min  
Response: 67954  
Conc: 104.41 ng/ml



#22 AR-1248-2

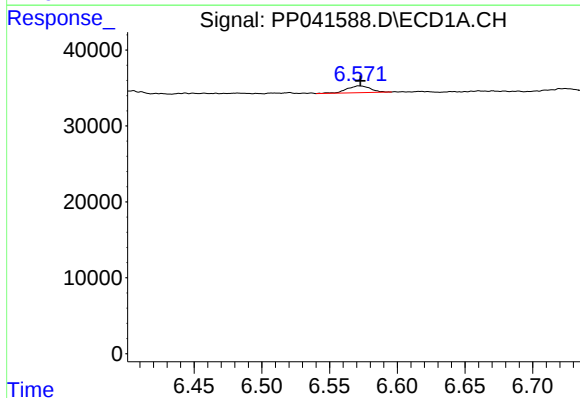
R.T.: 6.356 min  
Delta R.T.: -0.002 min  
Response: 18960  
Conc: 30.57 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



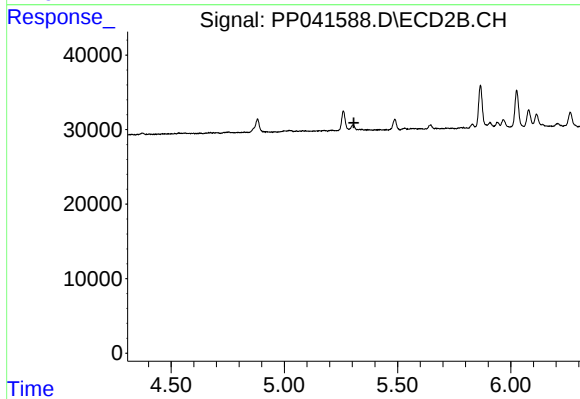
#22 AR-1248-2

R.T.: 5.260 min  
Delta R.T.: -0.003 min  
Response: 26373  
Conc: 32.39 ng/ml



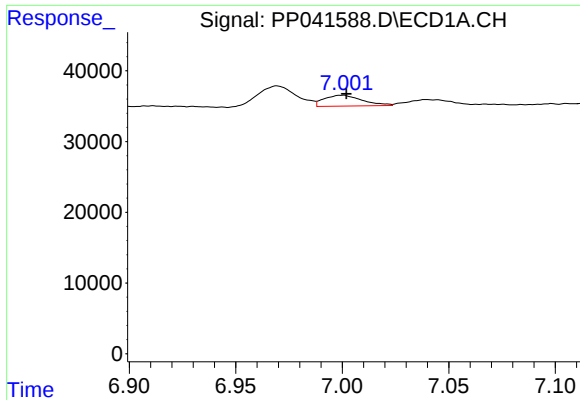
#23 AR-1248-3

R.T.: 6.572 min  
Delta R.T.: -0.001 min  
Response: 10883  
Conc: 14.57 ng/ml



#23 AR-1248-3

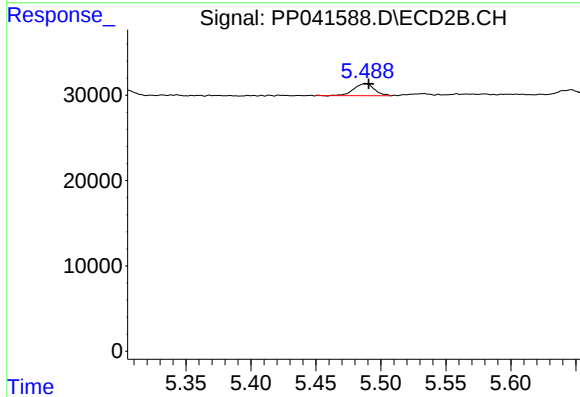
R.T.: 0.000 min  
Exp R.T.: 5.307 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

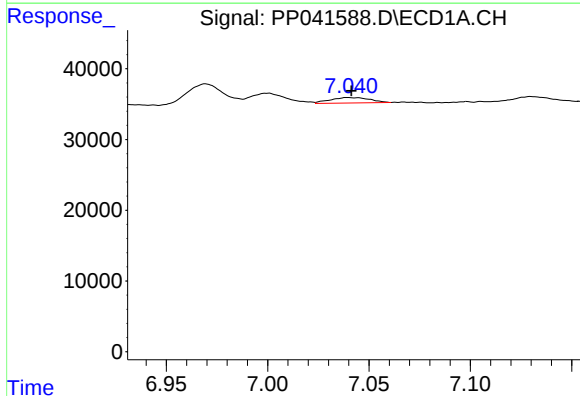
R.T.: 7.001 min  
Delta R.T.: -0.001 min  
Response: 18985  
Conc: 22.67 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



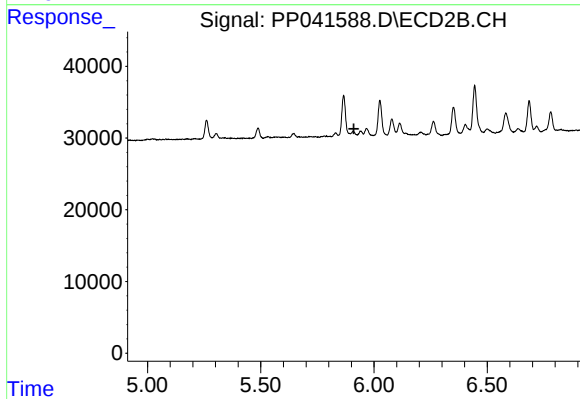
#24 AR-1248-4

R.T.: 5.488 min  
Delta R.T.: -0.002 min  
Response: 15361  
Conc: 15.75 ng/ml



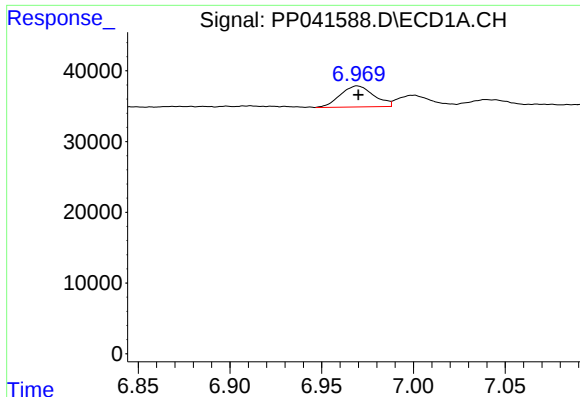
#25 AR-1248-5

R.T.: 7.040 min  
Delta R.T.: -0.002 min  
Response: 10370  
Conc: 12.46 ng/ml



#25 AR-1248-5

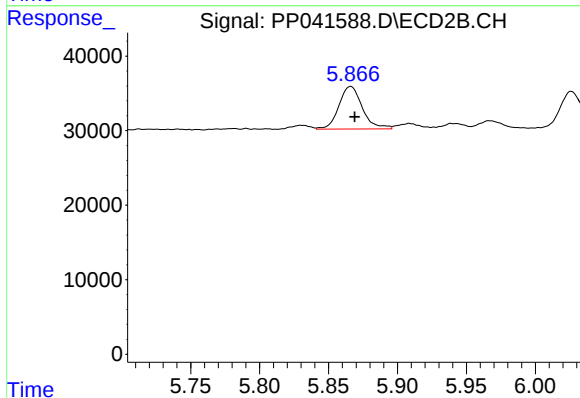
R.T.: 0.000 min  
Exp R.T. : 5.912 min  
Response: 0  
Conc: N.D.



#26 AR-1254-1

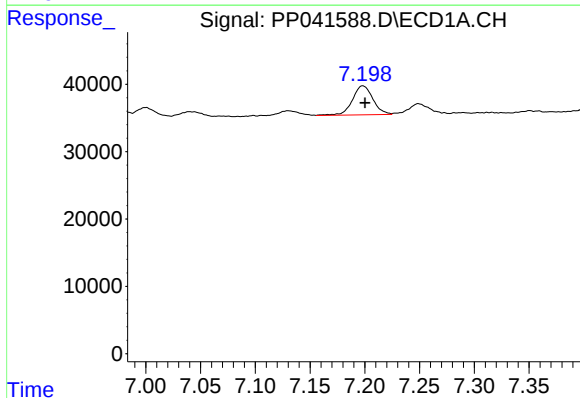
R.T.: 6.969 min  
Delta R.T.: 0.000 min  
Response: 37568  
Conc: 44.27 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



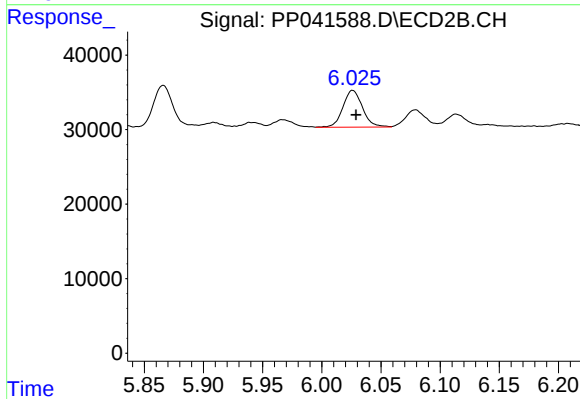
#26 AR-1254-1

R.T.: 5.866 min  
Delta R.T.: -0.003 min  
Response: 67954  
Conc: 48.82 ng/ml



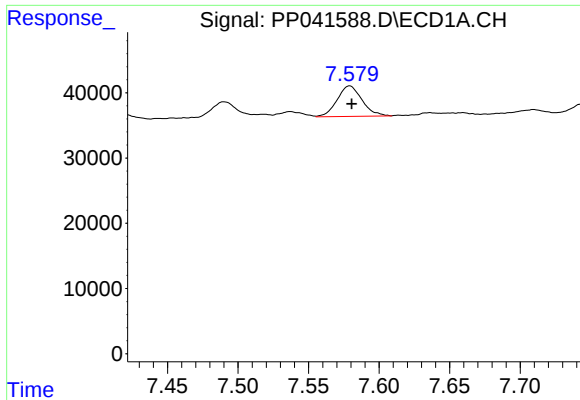
#27 AR-1254-2

R.T.: 7.198 min  
Delta R.T.: -0.002 min  
Response: 56164  
Conc: 42.63 ng/ml



#27 AR-1254-2

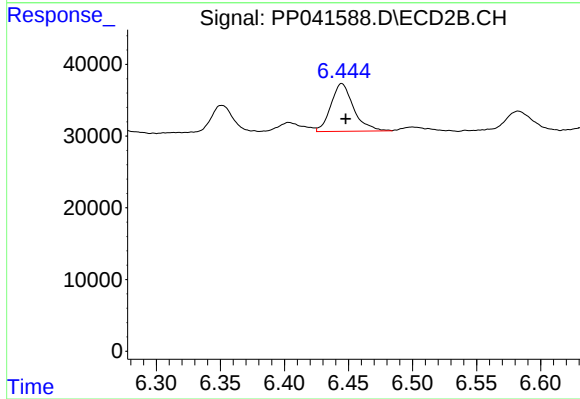
R.T.: 6.026 min  
Delta R.T.: -0.003 min  
Response: 56782  
Conc: 47.55 ng/ml



#28 AR-1254-3

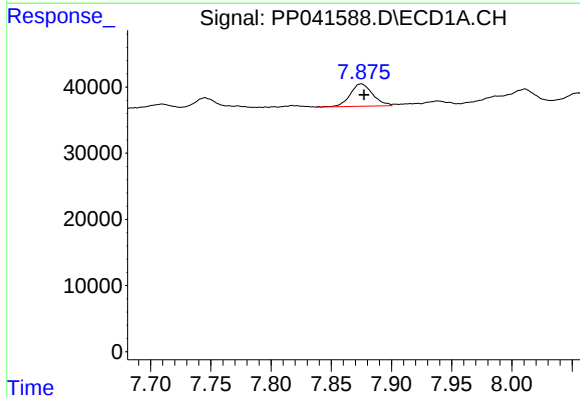
R.T.: 7.579 min  
Delta R.T.: -0.001 min  
Response: 57318  
Conc: 40.24 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



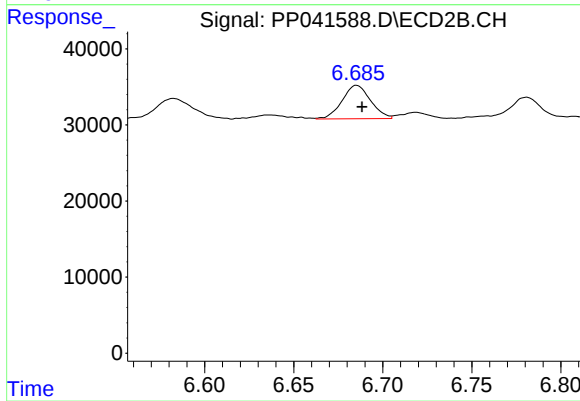
#28 AR-1254-3

R.T.: 6.445 min  
Delta R.T.: -0.003 min  
Response: 82065  
Conc: 46.36 ng/ml



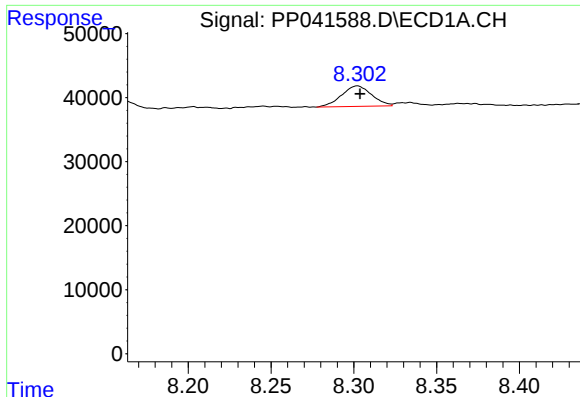
#29 AR-1254-4

R.T.: 7.875 min  
Delta R.T.: -0.002 min  
Response: 43971  
Conc: 42.38 ng/ml



#29 AR-1254-4

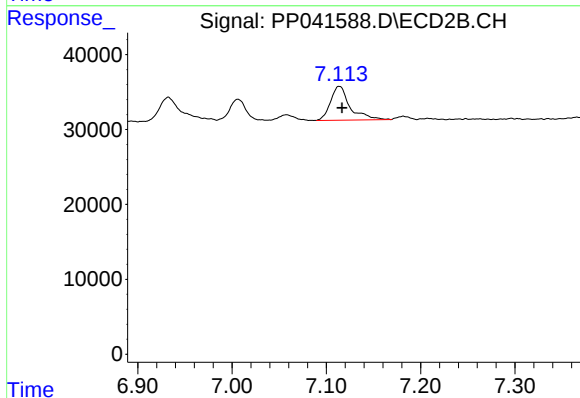
R.T.: 6.685 min  
Delta R.T.: -0.003 min  
Response: 48924  
Conc: 47.47 ng/ml



#30 AR-1254-5

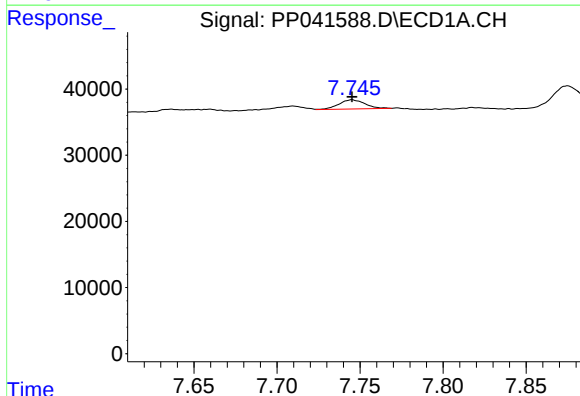
R.T.: 8.302 min  
Delta R.T.: -0.001 min  
Response: 40596  
Conc: 36.17 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



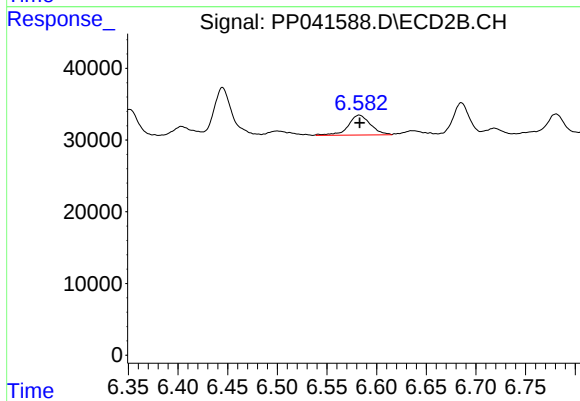
#30 AR-1254-5

R.T.: 7.114 min  
Delta R.T.: -0.003 min  
Response: 64797  
Conc: 44.44 ng/ml



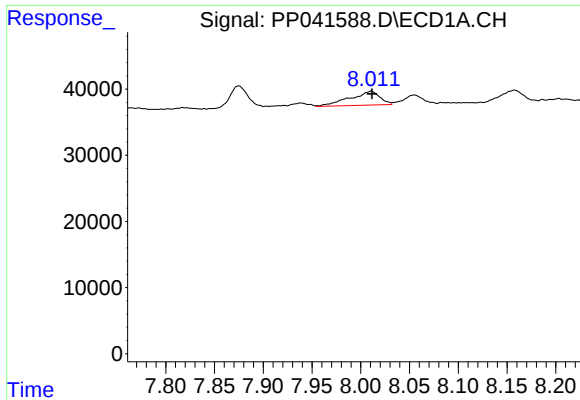
#31 AR-1260-1

R.T.: 7.745 min  
Delta R.T.: 0.000 min  
Response: 14947  
Conc: 15.14 ng/ml



#31 AR-1260-1

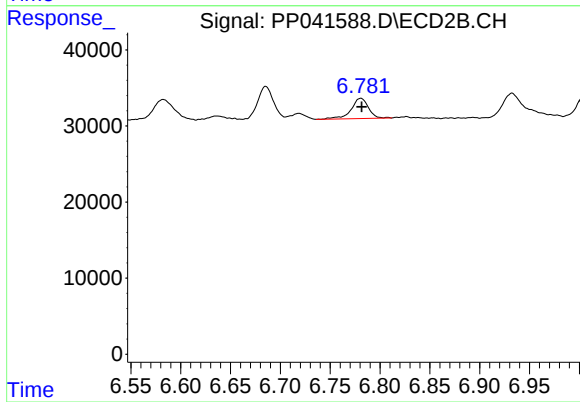
R.T.: 6.583 min  
Delta R.T.: 0.000 min  
Response: 43644  
Conc: 38.10 ng/ml



#32 AR-1260-2

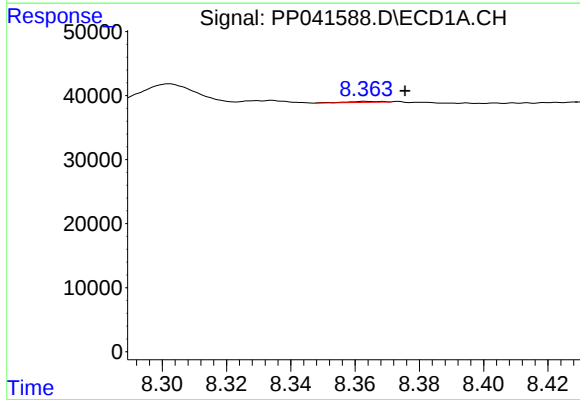
R.T.: 8.011 min  
Delta R.T.: 0.000 min  
Response: 44983  
Conc: 35.80 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



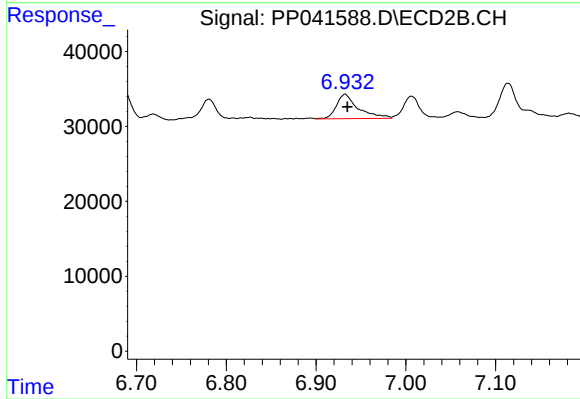
#32 AR-1260-2

R.T.: 6.781 min  
Delta R.T.: -0.001 min  
Response: 32270  
Conc: 24.58 ng/ml



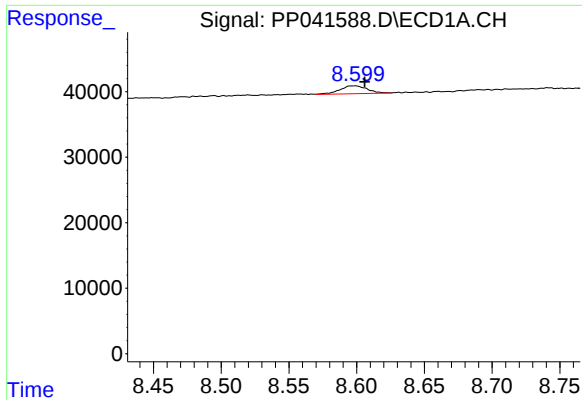
#33 AR-1260-3

R.T.: 8.363 min  
Delta R.T.: -0.012 min  
Response: 1080  
Conc: 1.19 ng/ml



#33 AR-1260-3

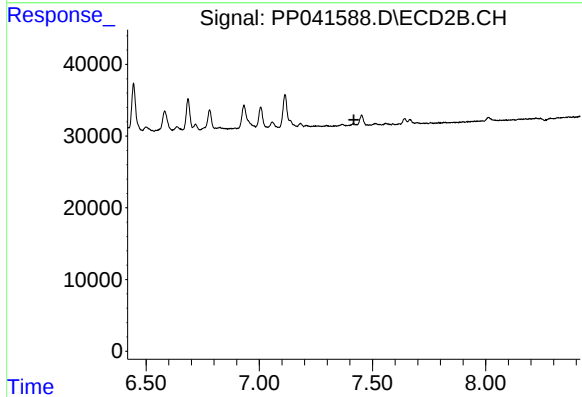
R.T.: 6.932 min  
Delta R.T.: -0.002 min  
Response: 54709  
Conc: 40.90 ng/ml



#34 AR-1260-4

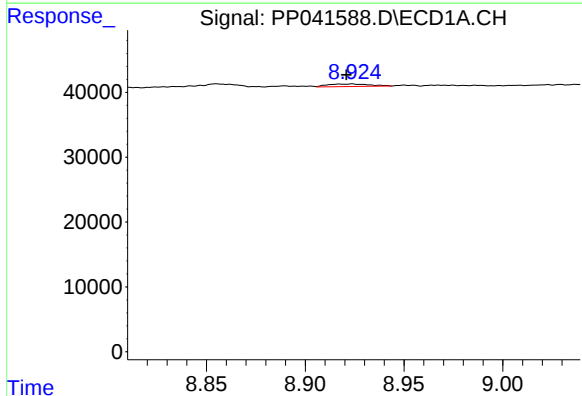
R.T.: 8.599 min  
Delta R.T.: -0.007 min  
Response: 16832  
Conc: 15.73 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



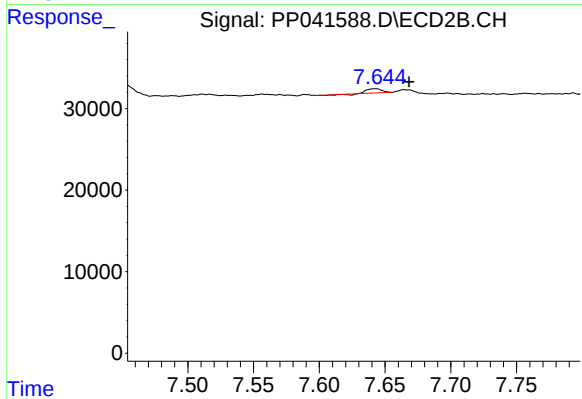
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 7.418 min  
Response: 0  
Conc: N.D.



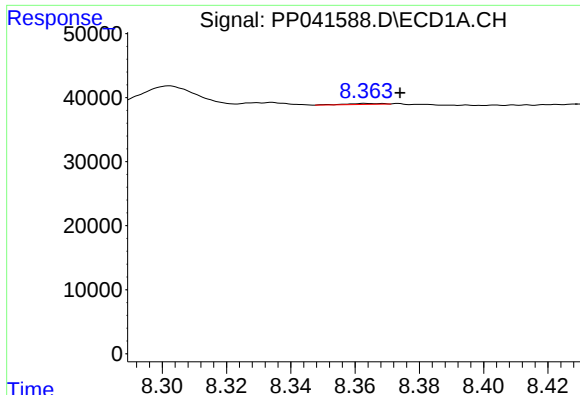
#35 AR-1260-5

R.T.: 8.924 min  
Delta R.T.: 0.003 min  
Response: 5701  
Conc: 2.75 ng/ml



#35 AR-1260-5

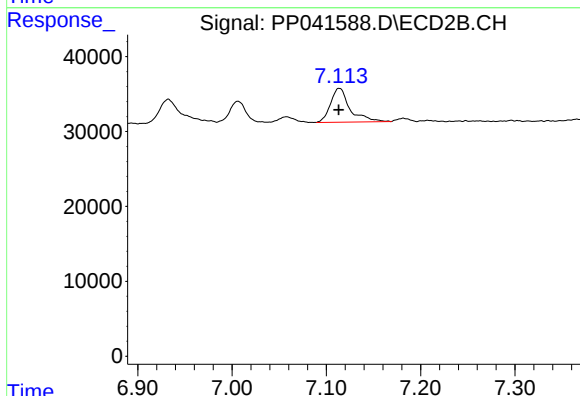
R.T.: 7.643 min  
Delta R.T.: -0.026 min  
Response: 3554  
Conc: 1.72 ng/ml



#36 AR-1262-1

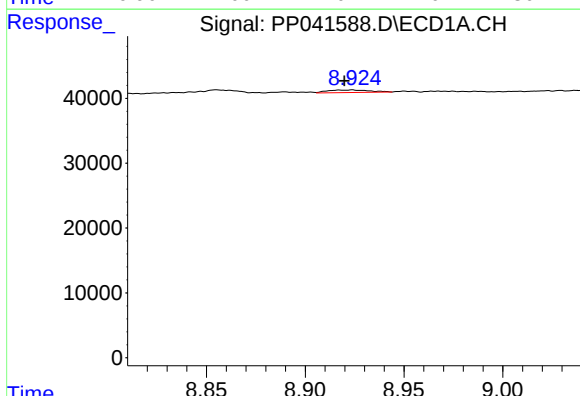
R.T.: 8.363 min  
Delta R.T.: -0.011 min  
Response: 1080  
Conc: 0.85 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



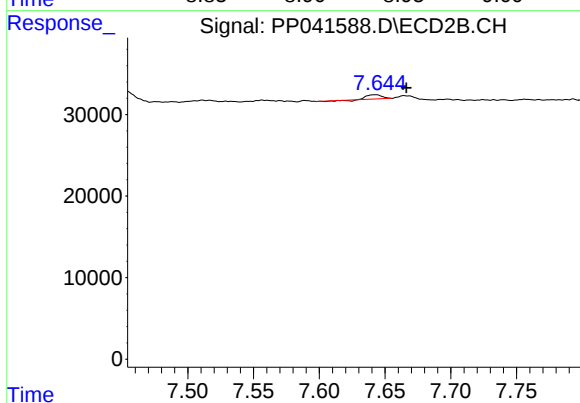
#36 AR-1262-1

R.T.: 7.114 min  
Delta R.T.: 0.000 min  
Response: 64797  
Conc: 86.70 ng/ml



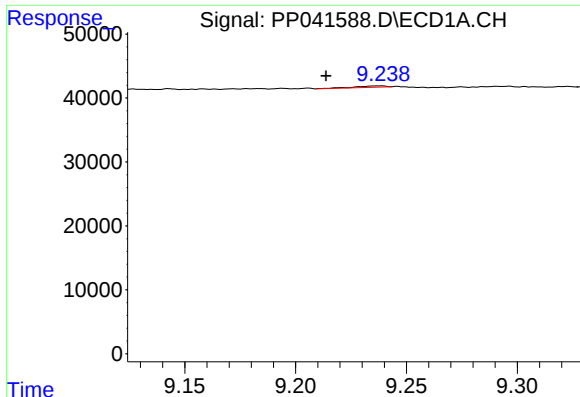
#37 AR-1262-2

R.T.: 8.924 min  
Delta R.T.: 0.004 min  
Response: 5701  
Conc: 2.52 ng/ml



#37 AR-1262-2

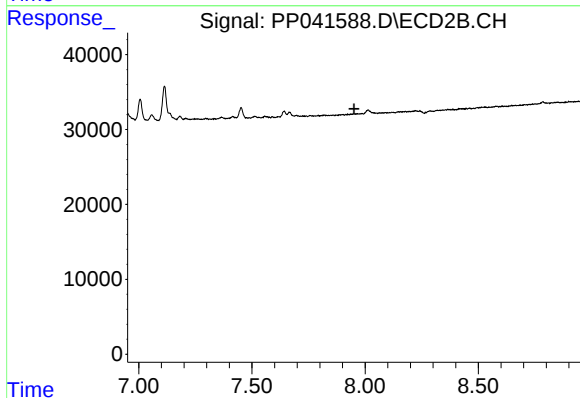
R.T.: 7.643 min  
Delta R.T.: -0.024 min  
Response: 3554  
Conc: 1.68 ng/ml



#38 AR-1262-3

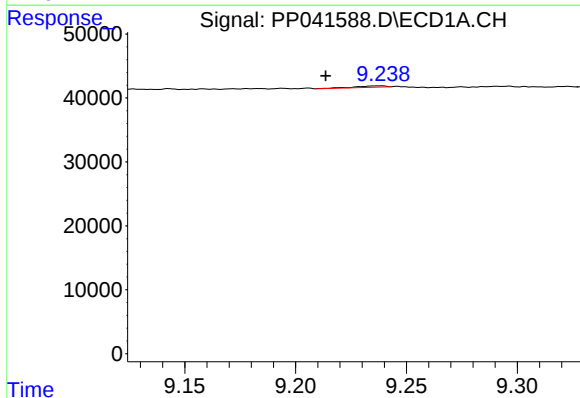
R.T.: 9.239 min  
Delta R.T.: 0.025 min  
Response: 2003  
Conc: 1.85 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



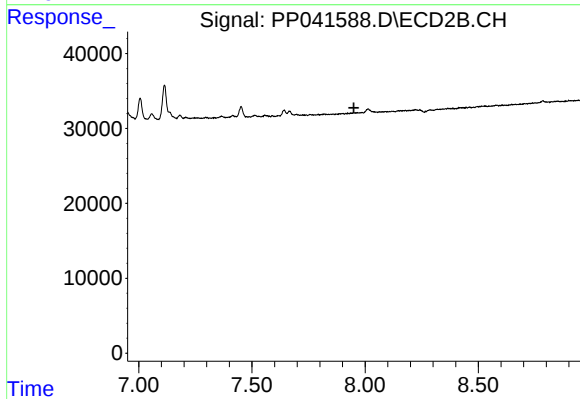
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T. : 7.951 min  
Response: 0  
Conc: N.D.



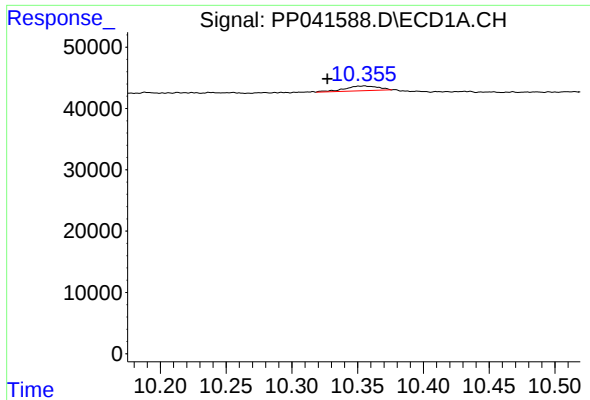
#41 AR-1268-1

R.T.: 9.239 min  
Delta R.T.: 0.025 min  
Response: 2003  
Conc: 0.74 ng/ml



#41 AR-1268-1

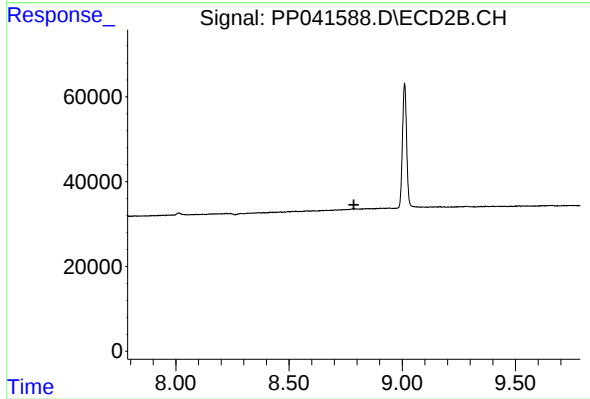
R.T.: 0.000 min  
Exp R.T. : 7.951 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 10.355 min  
Delta R.T.: 0.028 min  
Response: 13967  
Conc: 1.93 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T. : 8.786 min  
Response: 0  
Conc: N.D.