

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP123021\  
 Data File : PP042421.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 30 Dec 2021 16:57  
 Operator : AJ\MA  
 Sample : M5255-01  
 Misc :  
 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 31 01:23:46 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP122321.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Dec 24 23:47:53 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... | 4.917  | 4.053  | 296565 | 486818 | 22.587  | 21.315    |
| 2)                          | SA Decachlor... | 10.914 | 9.396f | 344189 | 355286 | 28.258  | 21.970    |
|                             |                 |        |        |        |        |         |           |
| Target Compounds            |                 |        |        |        |        |         |           |
| 5)                          | L1 AR-1016-3    | 6.319  | 5.540  | 12816  | 69002  | 31.421  | 98.253 #  |
| 6)                          | L1 AR-1016-4    | 6.446f | 0.000  | 53566  | 0      | 164.424 | N.D. #    |
| 7)                          | L1 AR-1016-5    | 6.739  | 0.000  | 29327  | 0      | 85.451  | N.D. #    |
| 8)                          | L2 AR-1221-1    | 5.151  | 0.000  | 44045  | 0      | 277.959 | N.D. #    |
| 9)                          | L2 AR-1221-2    | 5.264  | 4.448f | 3952   | 7943   | 35.050  | 37.419    |
| 12)                         | L3 AR-1232-2    | 5.915f | 5.355  | 130782 | -11775 | 882.208 | N.D. #    |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.540  | 0      | 69002  | N.D.    | 241.073 # |
| 14)                         | L3 AR-1232-4    | 6.446f | 5.646  | 53566  | 147162 | 408.685 | 610.121 # |
| 15)                         | L3 AR-1232-5    | 6.527  | 0.000  | 19981  | 0      | 193.635 | N.D. #    |
| 18)                         | L4 AR-1242-3    | 6.319  | 5.540  | 12816  | 69002  | 42.791  | 130.573 # |
| 19)                         | L4 AR-1242-4    | 6.446f | 5.646  | 53566  | 147162 | 218.631 | 290.856 # |
| 20)                         | L4 AR-1242-5    | 0.000  | 6.189f | 0      | 294400 | N.D.    | 496.627 # |
| 22)                         | L5 AR-1248-2    | 6.527  | 5.569f | 19981  | 67141  | 56.575  | 95.343 #  |
| 23)                         | L5 AR-1248-3    | 6.739  | 5.646  | 29327  | 147162 | 69.736  | 198.319 # |
| 24)                         | L5 AR-1248-4    | 7.152f | 0.000  | 180681 | 0      | 398.493 | N.D. #    |
| 26)                         | L6 AR-1254-1    | 7.152  | 6.189f | 180681 | 294400 | 362.429 | 235.373 # |
| 27)                         | L6 AR-1254-2    | 7.372  | 6.355f | 116187 | 38523  | 151.553 | 35.400 #  |
| 28)                         | L6 AR-1254-3    | 7.771f | 6.806  | 153123 | 63522  | 198.455 | 38.235 #  |
| 29)                         | L6 AR-1254-4    | 8.046  | 7.017f | 22787  | 16356  | 40.955  | 16.766 #  |
| 30)                         | L6 AR-1254-5    | 8.497f | 7.453  | 134367 | 101313 | 214.576 | 79.063 #  |
| 31)                         | L7 AR-1260-1    | 7.910  | 6.918  | 185757 | 30656  | 313.446 | 28.846 #  |
| 32)                         | L7 AR-1260-2    | 8.180  | 7.115  | 39987  | 45762  | 51.789  | 37.070 #  |
| 33)                         | L7 AR-1260-3    | 8.555  | 7.279  | 48098  | 49488  | 92.977  | 36.932 #  |
| 34)                         | L7 AR-1260-4    | 8.784  | 7.758f | 230537 | 61414  | 398.150 | 68.776 #  |
| 35)                         | L7 AR-1260-5    | 9.107  | 8.004f | 33735  | 49119  | 28.831  | 25.523    |
| 36)                         | L8 AR-1262-1    | 8.555  | 7.453  | 48098  | 101313 | 62.677  | 152.269 # |
| 37)                         | L8 AR-1262-2    | 9.107  | 7.758  | 33735  | 61414  | 27.524  | 56.622 #  |
| 38)                         | L8 AR-1262-3    | 9.432  | 0.000  | 2545   | 0      | 5.177   | N.D. #    |
| 39)                         | L8 AR-1262-4    | 9.517  | 8.357f | 35024  | 36956  | 95.031  | 24.261 #  |
| 41)                         | L9 AR-1268-1    | 9.432  | 0.000  | 2545   | 0      | 1.678   | N.D. #    |
| 42)                         | L9 AR-1268-2    | 9.517  | 8.357f | 35024  | 36956  | 24.681  | 16.927 #  |
| 43)                         | L9 AR-1268-3    | 9.742  | 0.000  | 766    | 0      | 0.595   | N.D. #    |
| 45)                         | L9 AR-1268-5    | 10.588 | 9.163  | 26148  | 110984 | 6.743   | 19.446 #  |
| -----                       |                 |        |        |        |        |         |           |

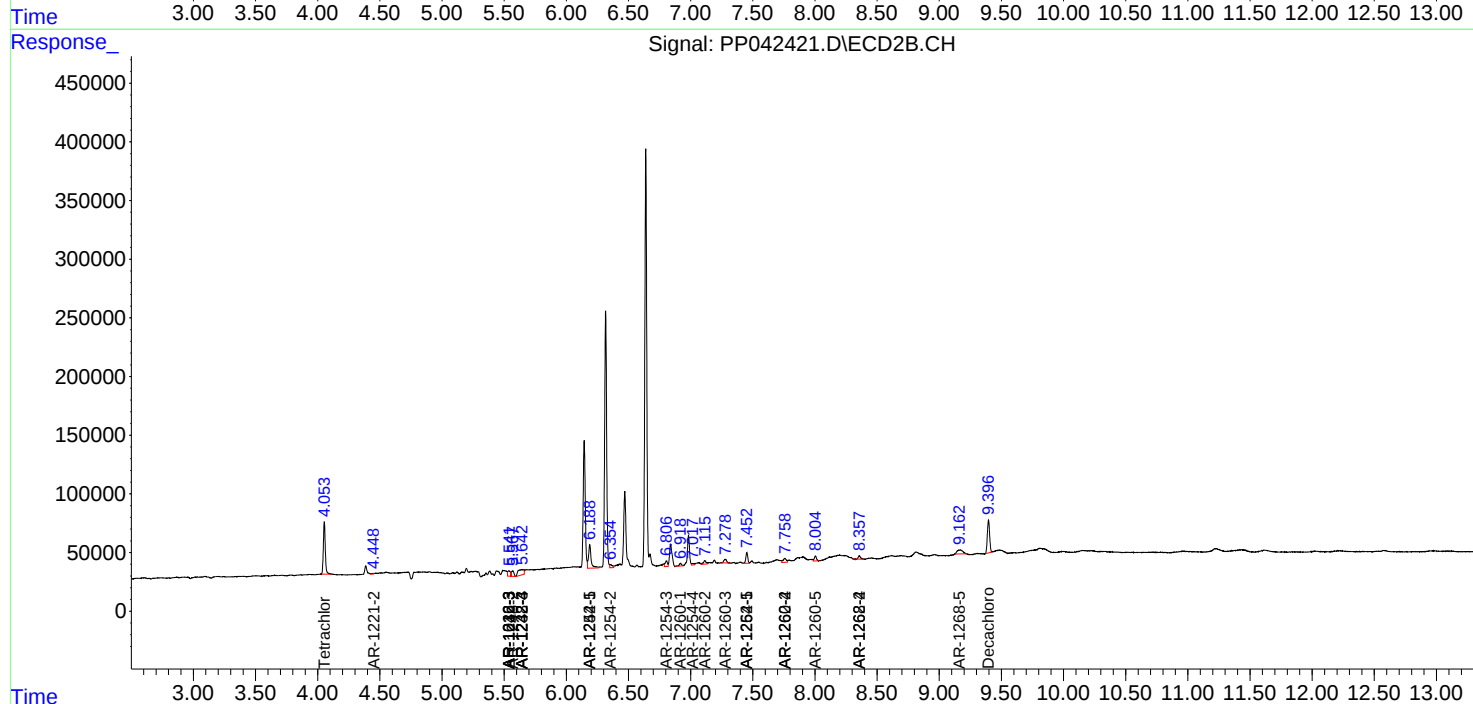
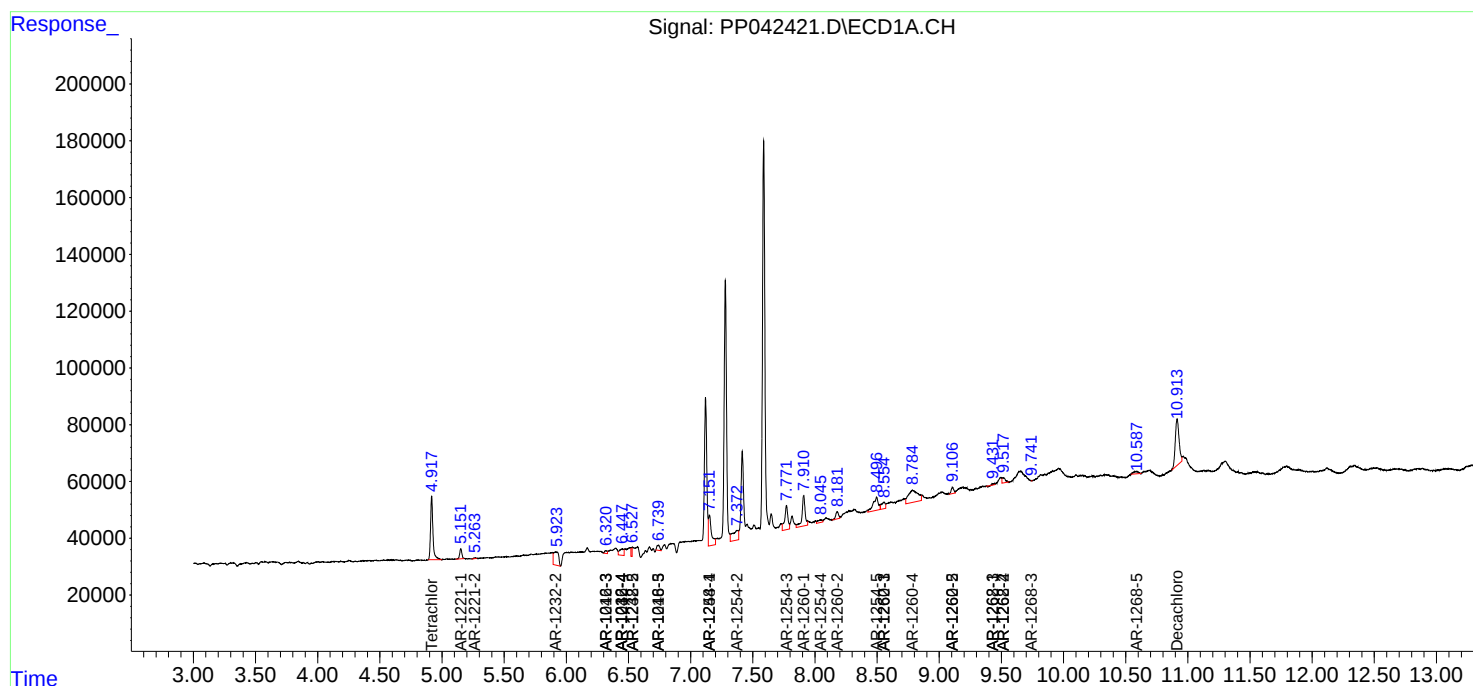
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

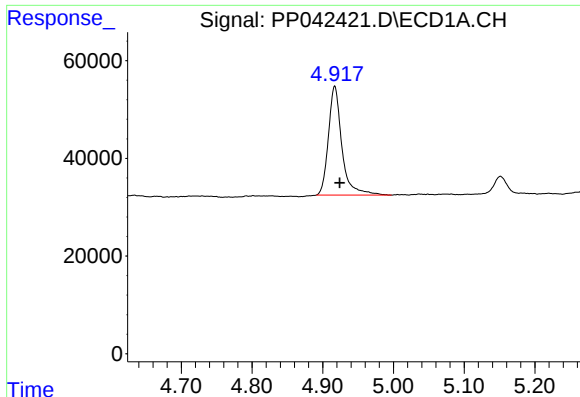
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP123021\  
Data File : PP042421.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 30 Dec 2021 16:57  
Operator : AJ\MA  
Sample : M5255-01  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 31 01:23:46 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP122321.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Dec 24 23:47:53 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

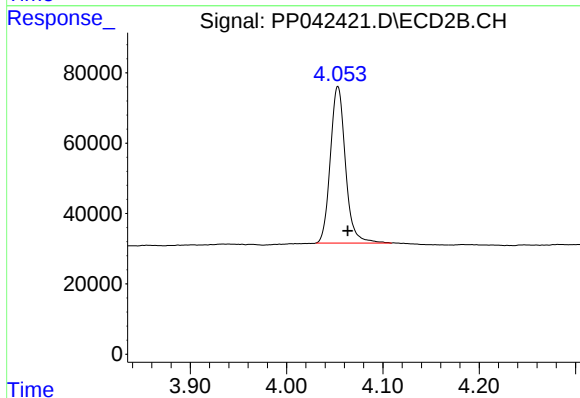




#1 Tetrachloro-m-xylene

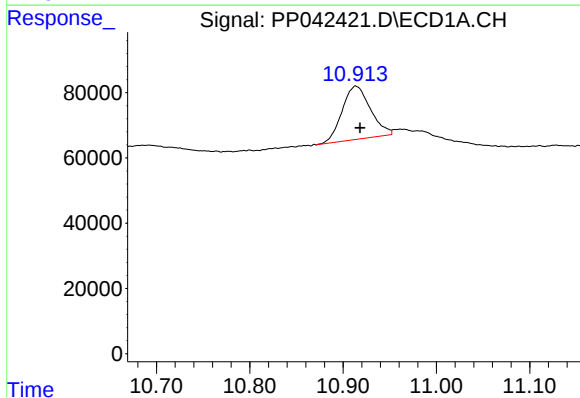
R.T.: 4.917 min  
Delta R.T.: -0.007 min  
Response: 296565  
Conc: 22.59 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



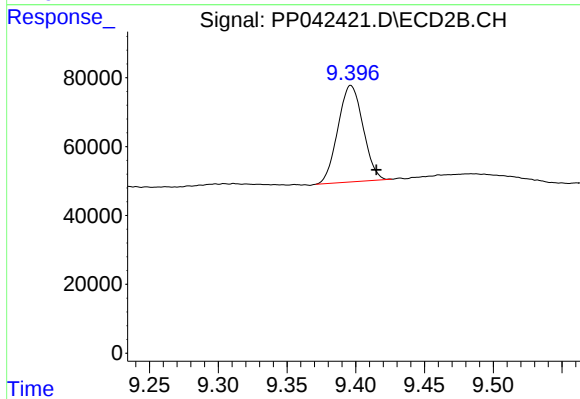
#1 Tetrachloro-m-xylene

R.T.: 4.053 min  
Delta R.T.: -0.010 min  
Response: 486818  
Conc: 21.31 ng/ml



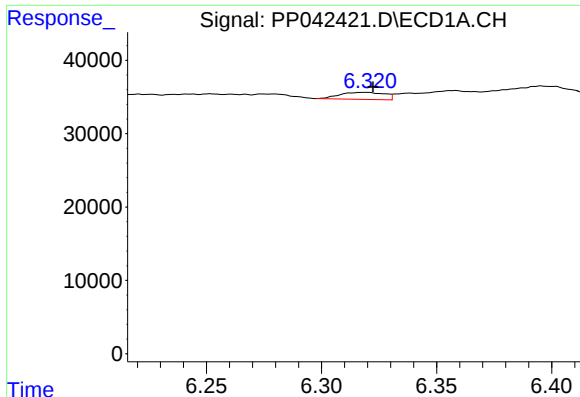
#2 Decachlorobiphenyl

R.T.: 10.914 min  
Delta R.T.: -0.004 min  
Response: 344189  
Conc: 28.26 ng/ml



#2 Decachlorobiphenyl

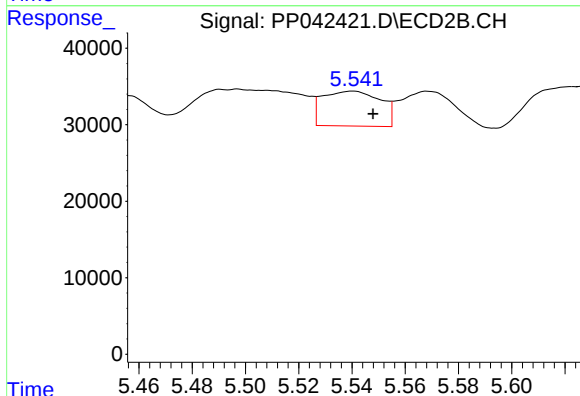
R.T.: 9.396 min  
Delta R.T.: -0.019 min  
Response: 355286  
Conc: 21.97 ng/ml



#5 AR-1016-3

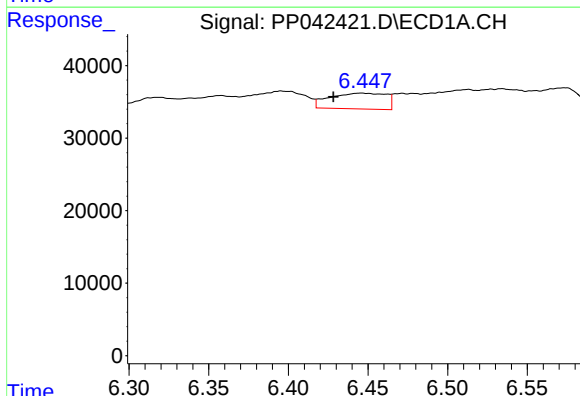
R.T.: 6.319 min  
Delta R.T.: -0.003 min  
Response: 12816  
Conc: 31.42 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



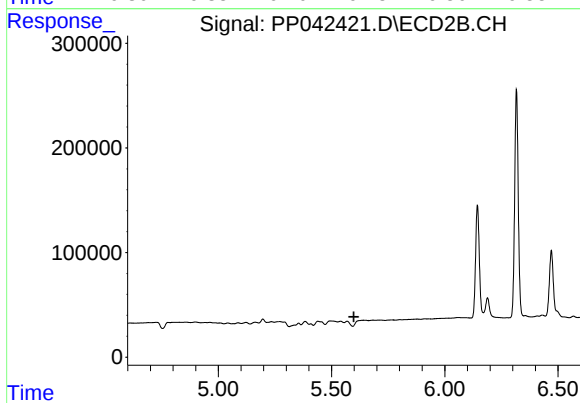
#5 AR-1016-3

R.T.: 5.540 min  
Delta R.T.: -0.008 min  
Response: 69002  
Conc: 98.25 ng/ml



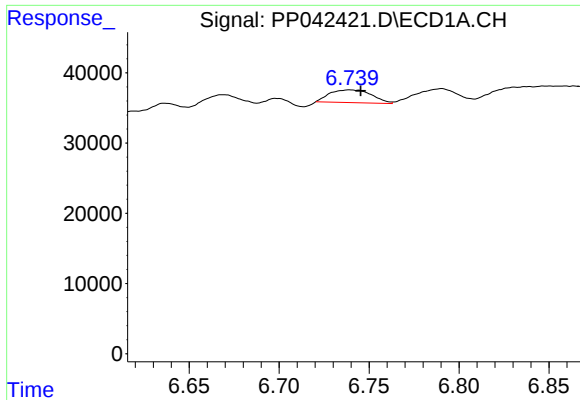
#6 AR-1016-4

R.T.: 6.446 min  
Delta R.T.: 0.018 min  
Response: 53566  
Conc: 164.42 ng/ml



#6 AR-1016-4

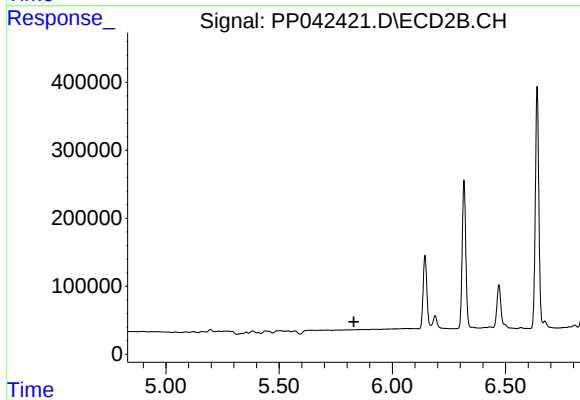
R.T.: 0.000 min  
Exp R.T. : 5.599 min  
Response: 0  
Conc: N.D.



#7 AR-1016-5

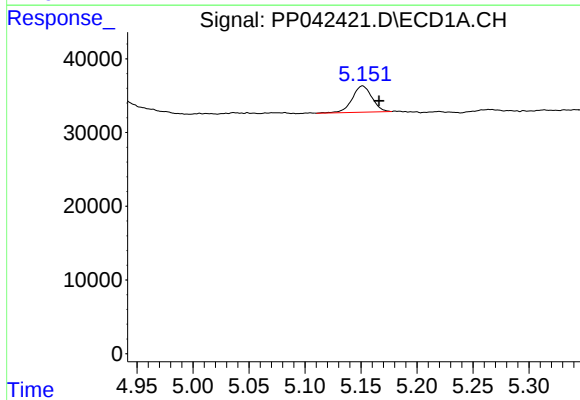
R.T.: 6.739 min  
Delta R.T.: -0.006 min  
Response: 29327  
Conc: 85.45 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



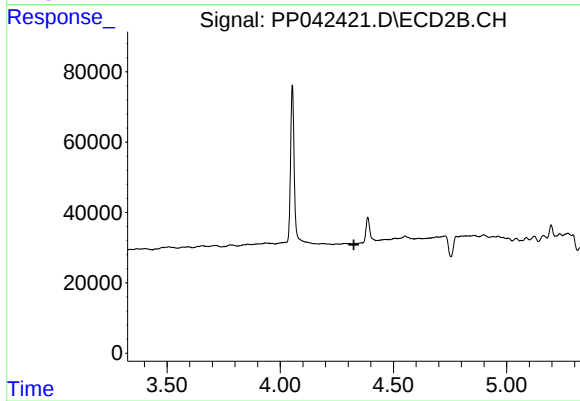
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 5.830 min  
Response: 0  
Conc: N.D.



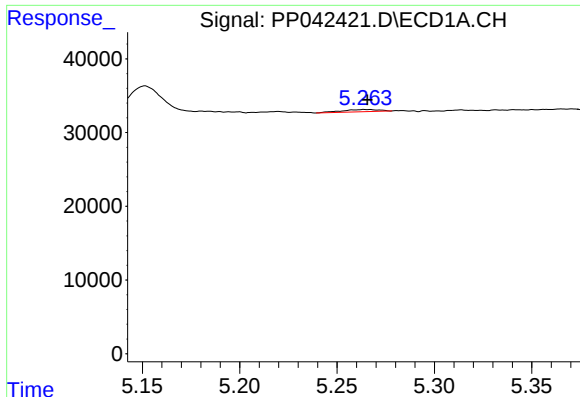
#8 AR-1221-1

R.T.: 5.151 min  
Delta R.T.: -0.015 min  
Response: 44045  
Conc: 277.96 ng/ml



#8 AR-1221-1

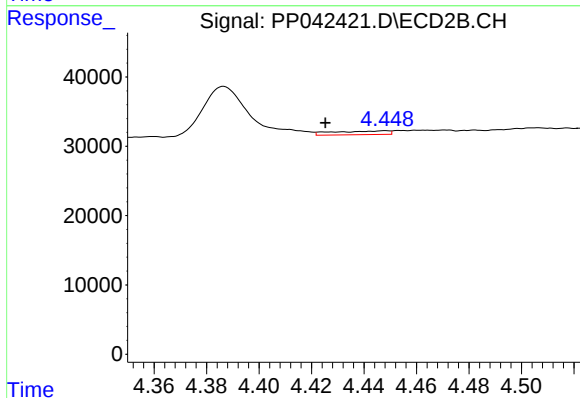
R.T.: 0.000 min  
Exp R.T. : 4.325 min  
Response: 0  
Conc: N.D.



#9 AR-1221-2

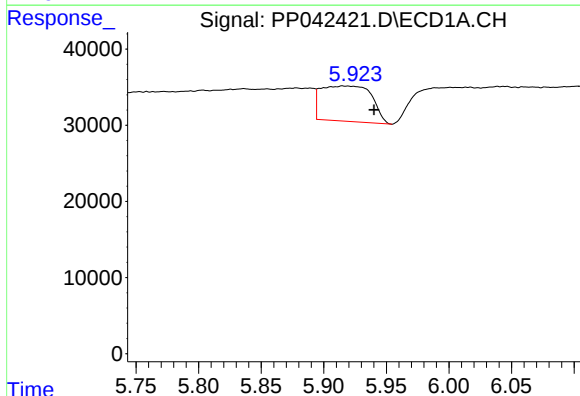
R.T.: 5.264 min  
Delta R.T.: -0.002 min  
Response: 3952  
Conc: 35.05 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



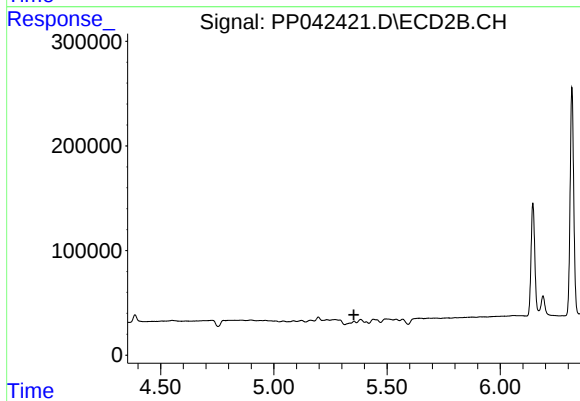
#9 AR-1221-2

R.T.: 4.448 min  
Delta R.T.: 0.023 min  
Response: 7943  
Conc: 37.42 ng/ml



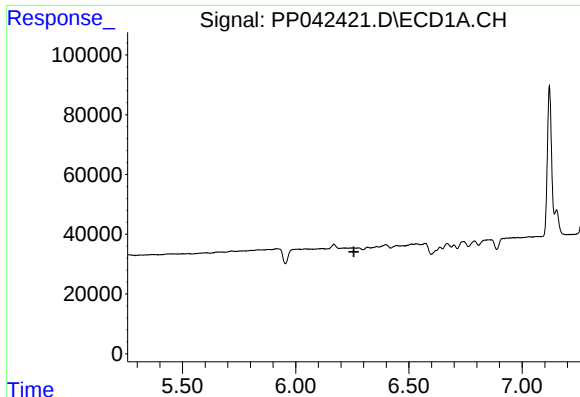
#12 AR-1232-2

R.T.: 5.915 min  
Delta R.T.: -0.026 min  
Response: 130782  
Conc: 882.21 ng/ml



#12 AR-1232-2

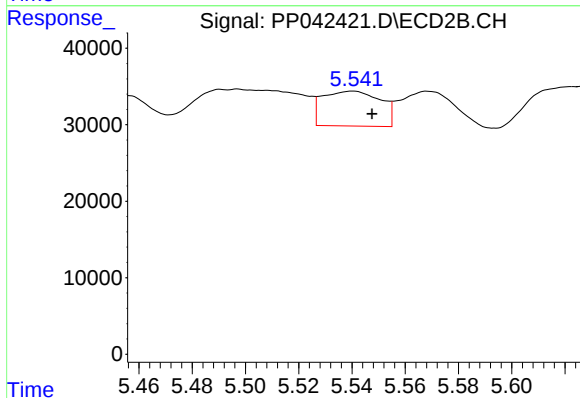
R.T.: 5.355 min  
Delta R.T.: 0.000 min  
Response: -11775  
Conc: N.D.



#13 AR-1232-3

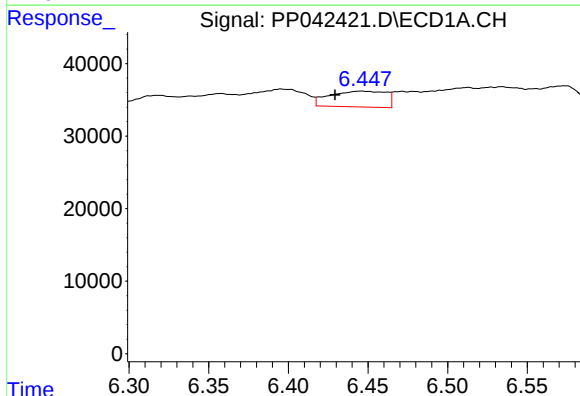
R.T.: 0.000 min  
Exp R.T.: 6.257 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :



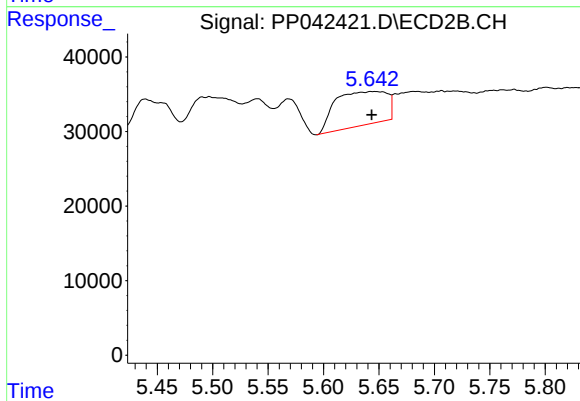
#13 AR-1232-3

R.T.: 5.540 min  
Delta R.T.: -0.007 min  
Response: 69002  
Conc: 241.07 ng/ml



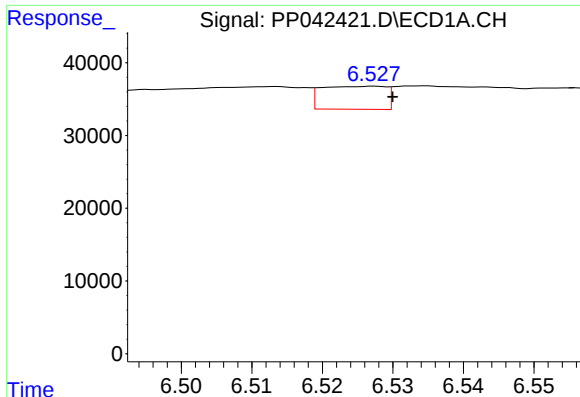
#14 AR-1232-4

R.T.: 6.446 min  
Delta R.T.: 0.017 min  
Response: 53566  
Conc: 408.68 ng/ml



#14 AR-1232-4

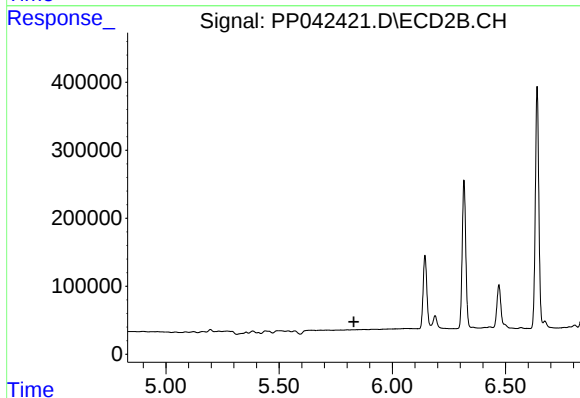
R.T.: 5.646 min  
Delta R.T.: 0.003 min  
Response: 147162  
Conc: 610.12 ng/ml



#15 AR-1232-5

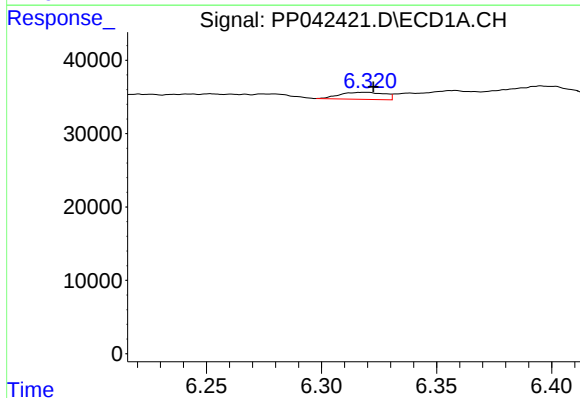
R.T.: 6.527 min  
Delta R.T.: -0.003 min  
Response: 19981  
Conc: 193.64 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



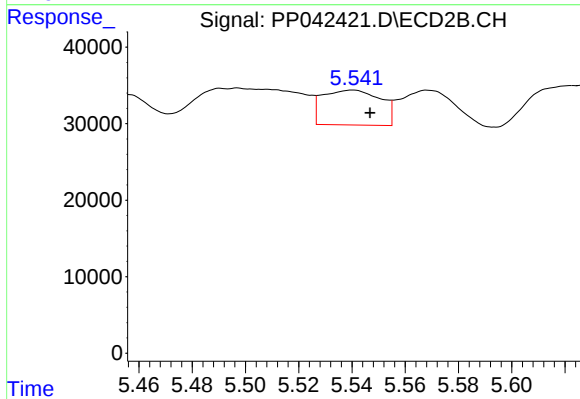
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T. : 5.831 min  
Response: 0  
Conc: N.D.



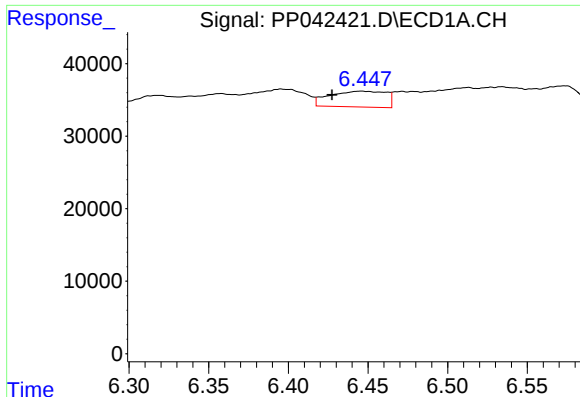
#18 AR-1242-3

R.T.: 6.319 min  
Delta R.T.: -0.003 min  
Response: 12816  
Conc: 42.79 ng/ml



#18 AR-1242-3

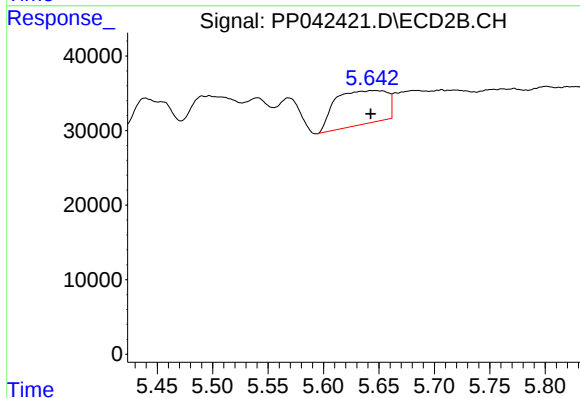
R.T.: 5.540 min  
Delta R.T.: -0.006 min  
Response: 69002  
Conc: 130.57 ng/ml



#19 AR-1242-4

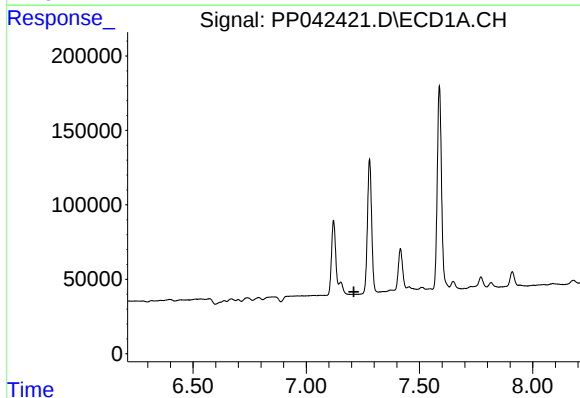
R.T.: 6.446 min  
Delta R.T.: 0.019 min  
Response: 53566  
Conc: 218.63 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



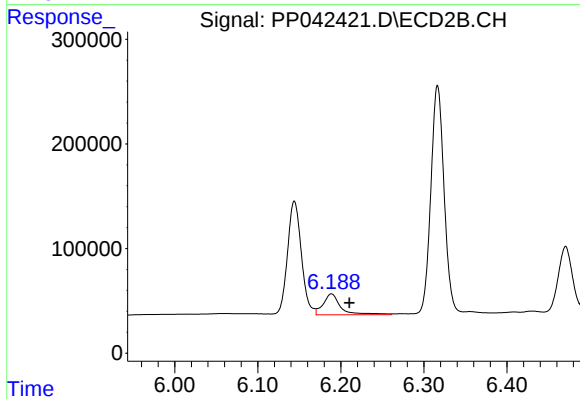
#19 AR-1242-4

R.T.: 5.646 min  
Delta R.T.: 0.004 min  
Response: 147162  
Conc: 290.86 ng/ml



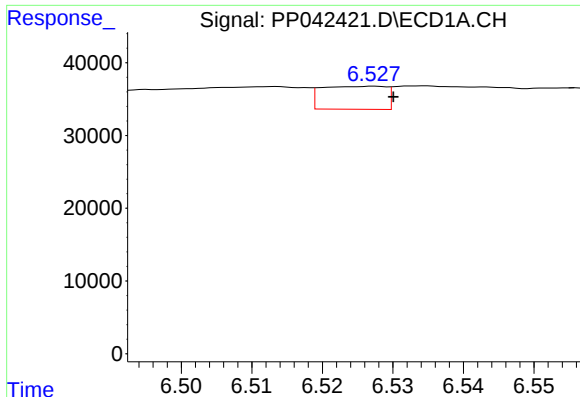
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T. : 7.210 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

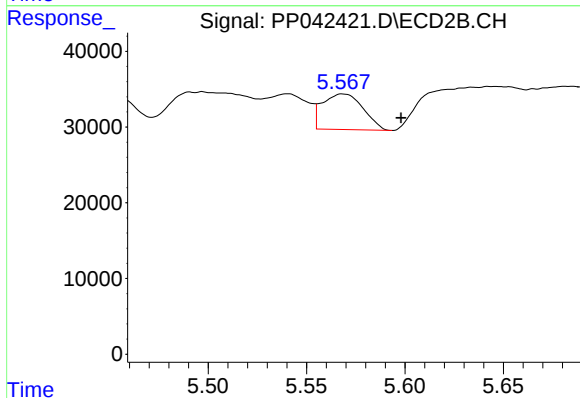
R.T.: 6.189 min  
Delta R.T.: -0.021 min  
Response: 294400  
Conc: 496.63 ng/ml



#22 AR-1248-2

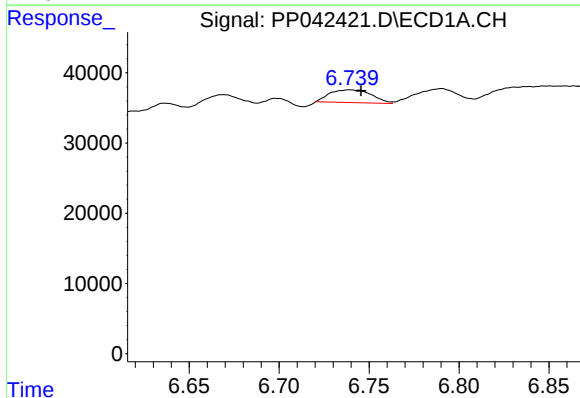
R.T.: 6.527 min  
Delta R.T.: -0.003 min  
Response: 19981  
Conc: 56.58 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



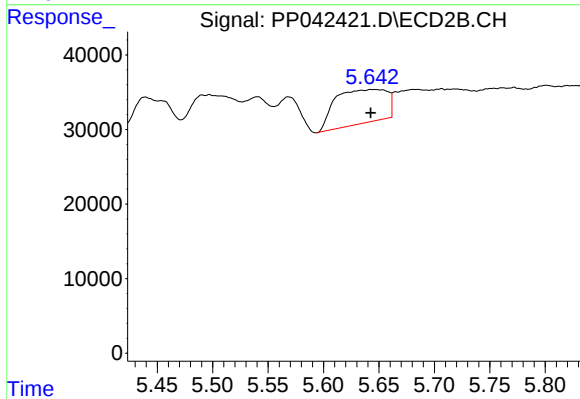
#22 AR-1248-2

R.T.: 5.569 min  
Delta R.T.: -0.029 min  
Response: 67141  
Conc: 95.34 ng/ml



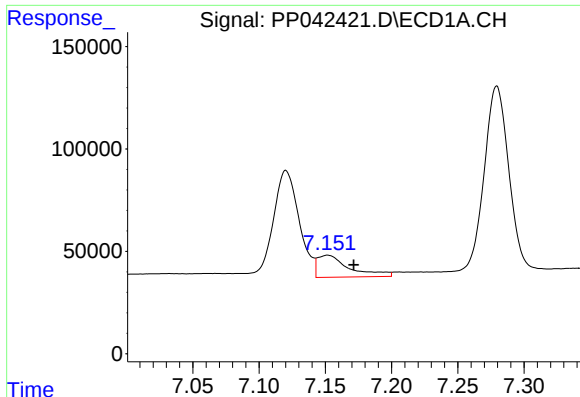
#23 AR-1248-3

R.T.: 6.739 min  
Delta R.T.: -0.006 min  
Response: 29327  
Conc: 69.74 ng/ml



#23 AR-1248-3

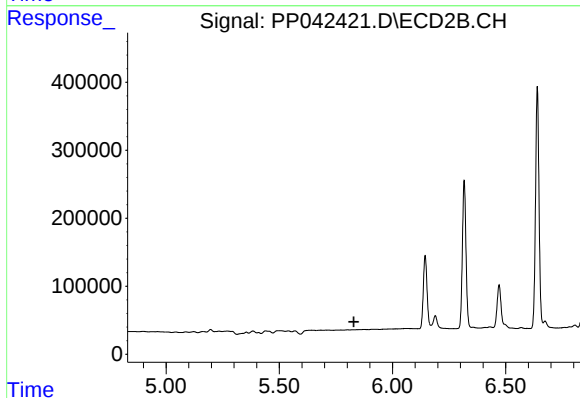
R.T.: 5.646 min  
Delta R.T.: 0.004 min  
Response: 147162  
Conc: 198.32 ng/ml



#24 AR-1248-4

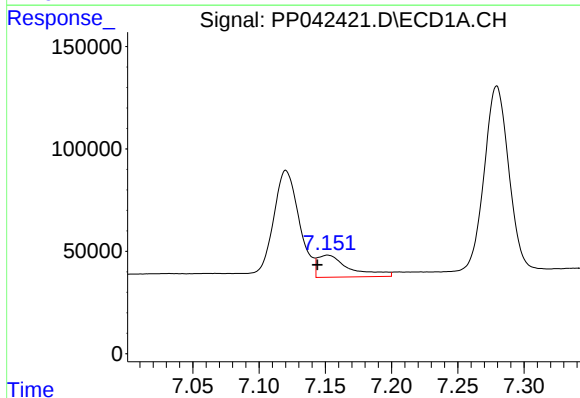
R.T.: 7.152 min  
Delta R.T.: -0.020 min  
Response: 180681  
Conc: 398.49 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



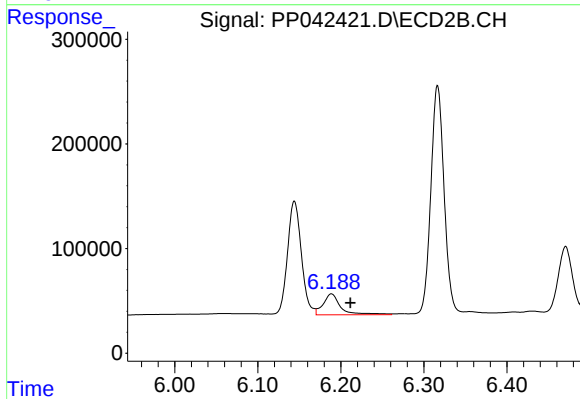
#24 AR-1248-4

R.T.: 0.000 min  
Exp R.T. : 5.830 min  
Response: 0  
Conc: N.D.



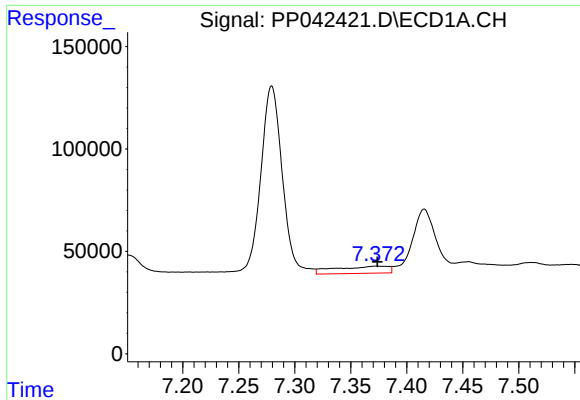
#26 AR-1254-1

R.T.: 7.152 min  
Delta R.T.: 0.008 min  
Response: 180681  
Conc: 362.43 ng/ml



#26 AR-1254-1

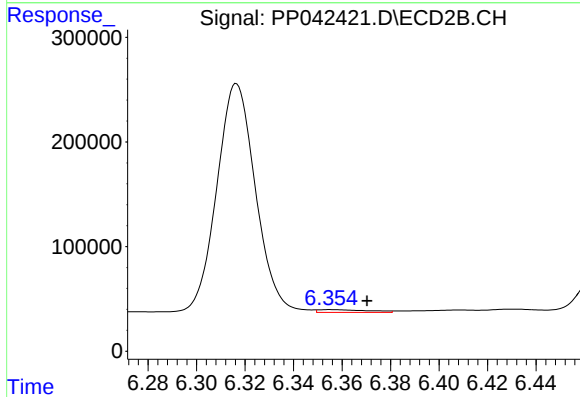
R.T.: 6.189 min  
Delta R.T.: -0.023 min  
Response: 294400  
Conc: 235.37 ng/ml



#27 AR-1254-2

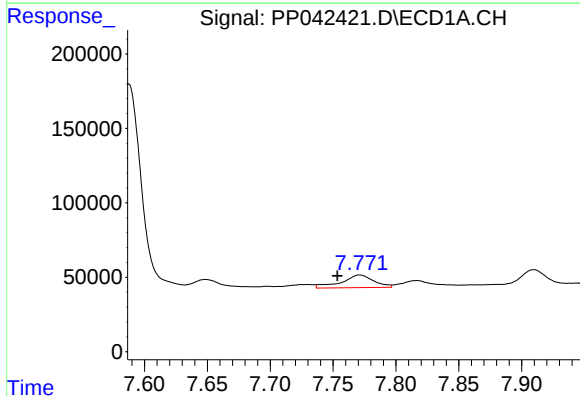
R.T.: 7.372 min  
Delta R.T.: -0.002 min  
Response: 116187  
Conc: 151.55 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



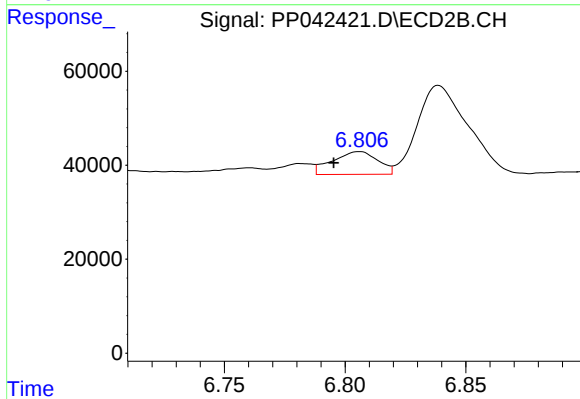
#27 AR-1254-2

R.T.: 6.355 min  
Delta R.T.: -0.015 min  
Response: 38523  
Conc: 35.40 ng/ml



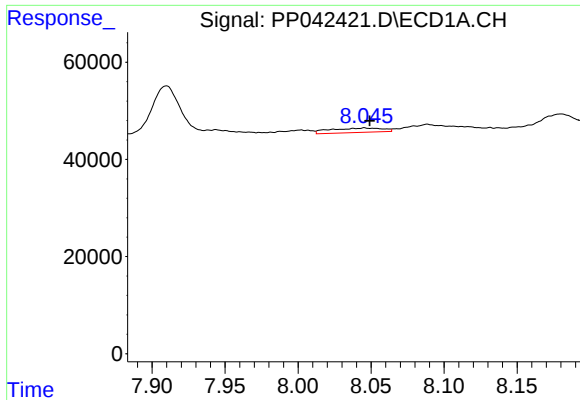
#28 AR-1254-3

R.T.: 7.771 min  
Delta R.T.: 0.018 min  
Response: 153123  
Conc: 198.45 ng/ml



#28 AR-1254-3

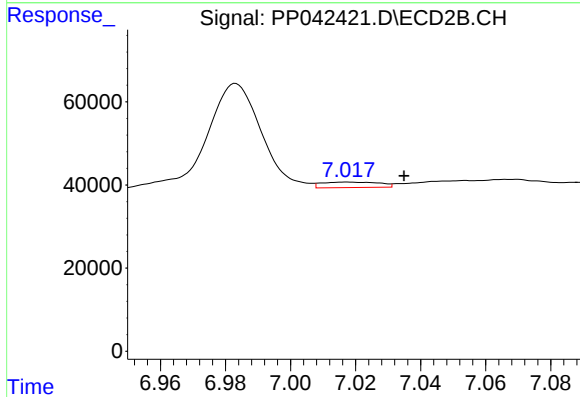
R.T.: 6.806 min  
Delta R.T.: 0.011 min  
Response: 63522  
Conc: 38.24 ng/ml



#29 AR-1254-4

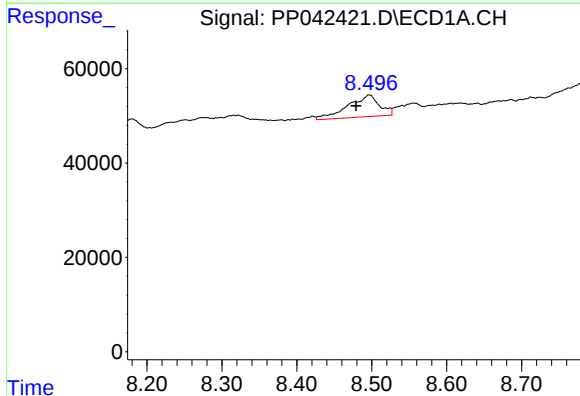
R.T.: 8.046 min  
Delta R.T.: -0.004 min  
Response: 22787  
Conc: 40.95 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



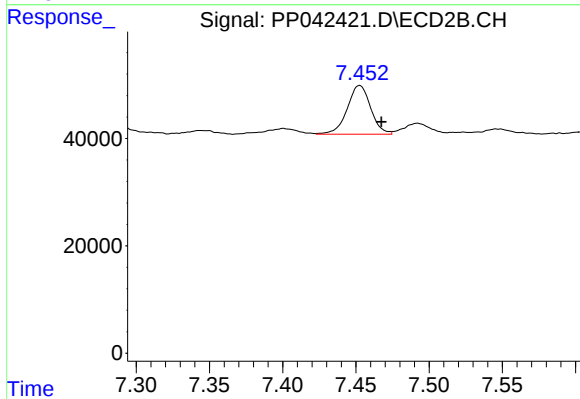
#29 AR-1254-4

R.T.: 7.017 min  
Delta R.T.: -0.017 min  
Response: 16356  
Conc: 16.77 ng/ml



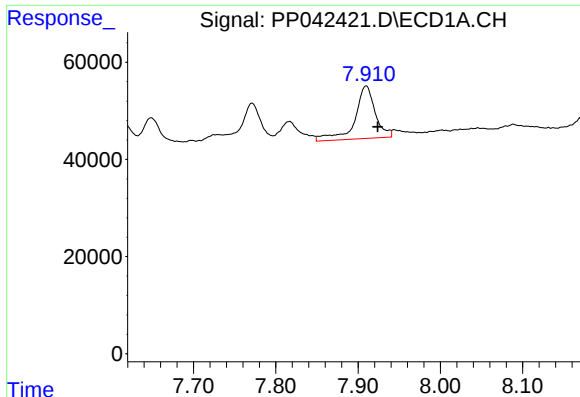
#30 AR-1254-5

R.T.: 8.497 min  
Delta R.T.: 0.017 min  
Response: 134367  
Conc: 214.58 ng/ml



#30 AR-1254-5

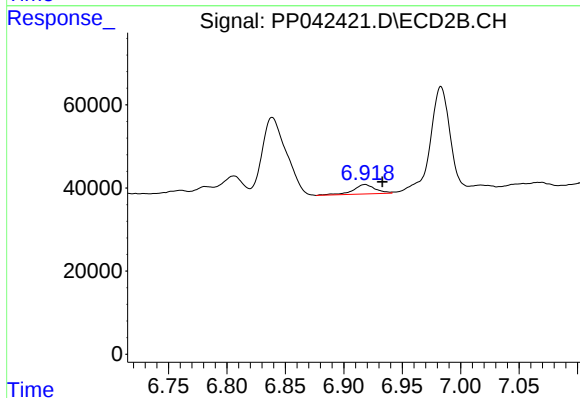
R.T.: 7.453 min  
Delta R.T.: -0.015 min  
Response: 101313  
Conc: 79.06 ng/ml



#31 AR-1260-1

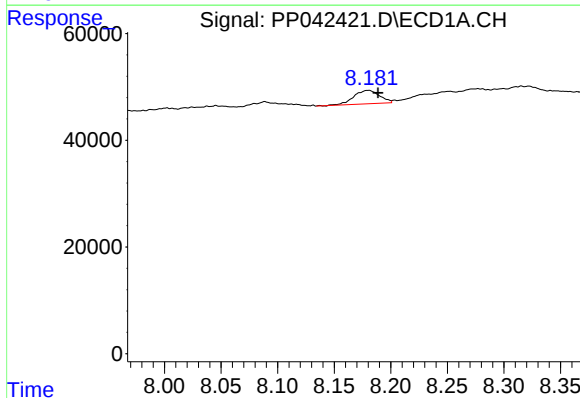
R.T.: 7.910 min  
Delta R.T.: -0.014 min  
Response: 185757  
Conc: 313.45 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



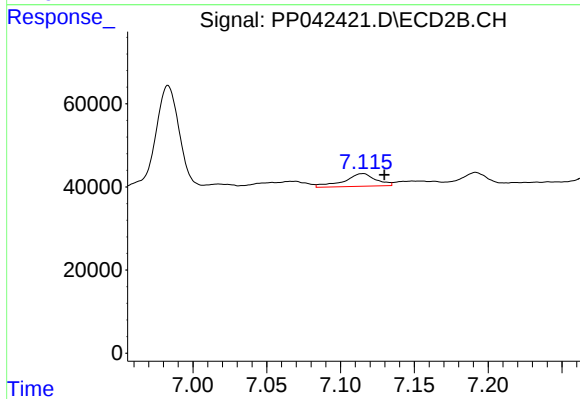
#31 AR-1260-1

R.T.: 6.918 min  
Delta R.T.: -0.015 min  
Response: 30656  
Conc: 28.85 ng/ml



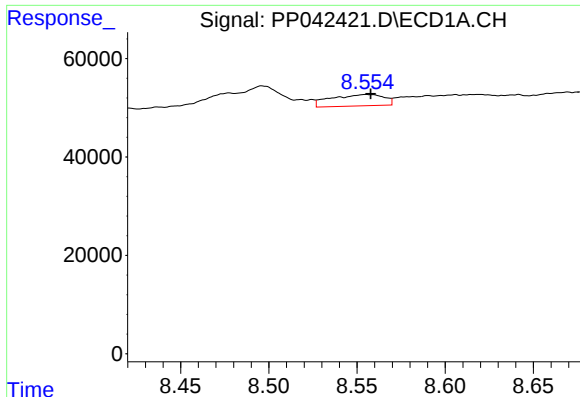
#32 AR-1260-2

R.T.: 8.180 min  
Delta R.T.: -0.009 min  
Response: 39987  
Conc: 51.79 ng/ml



#32 AR-1260-2

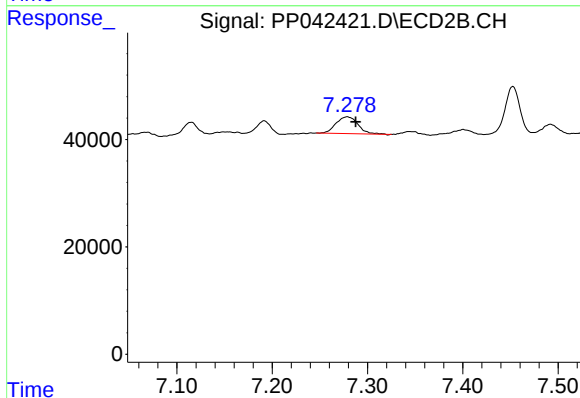
R.T.: 7.115 min  
Delta R.T.: -0.015 min  
Response: 45762  
Conc: 37.07 ng/ml



#33 AR-1260-3

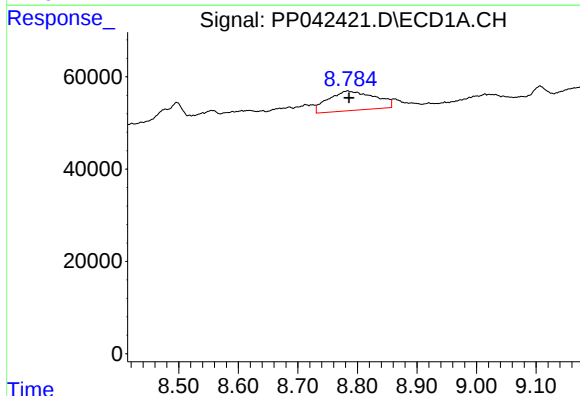
R.T.: 8.555 min  
Delta R.T.: -0.002 min  
Response: 48098  
Conc: 92.98 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



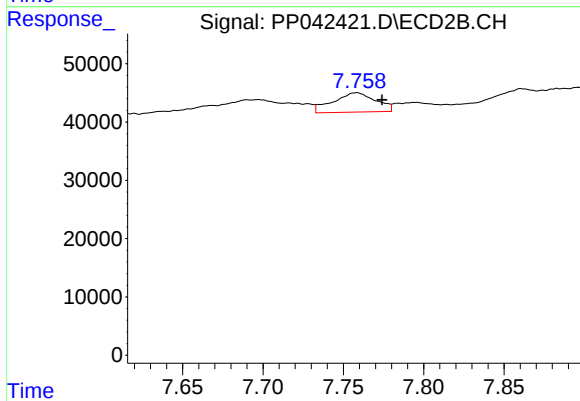
#33 AR-1260-3

R.T.: 7.279 min  
Delta R.T.: -0.009 min  
Response: 49488  
Conc: 36.93 ng/ml



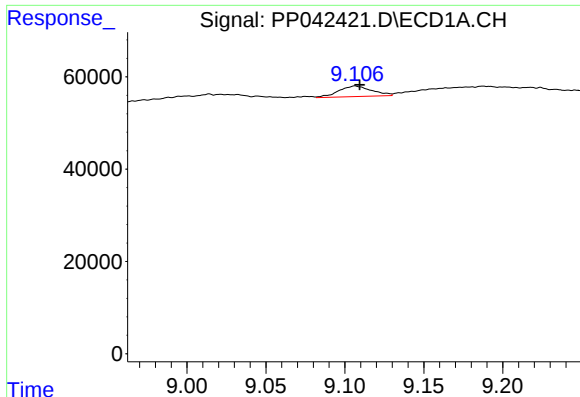
#34 AR-1260-4

R.T.: 8.784 min  
Delta R.T.: -0.002 min  
Response: 230537  
Conc: 398.15 ng/ml



#34 AR-1260-4

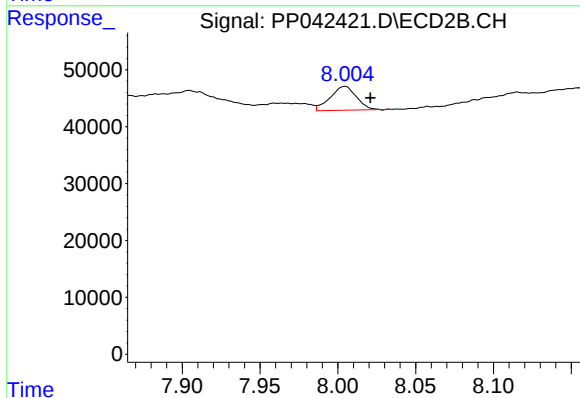
R.T.: 7.758 min  
Delta R.T.: -0.016 min  
Response: 61414  
Conc: 68.78 ng/ml



#35 AR-1260-5

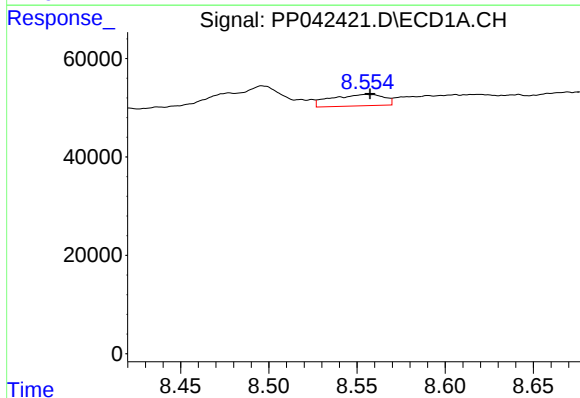
R.T.: 9.107 min  
Delta R.T.: -0.003 min  
Response: 33735  
Conc: 28.83 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



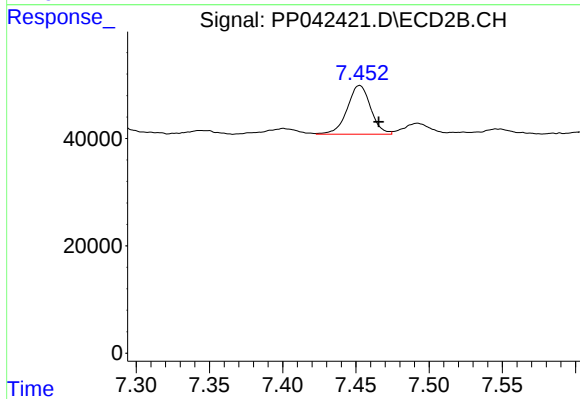
#35 AR-1260-5

R.T.: 8.004 min  
Delta R.T.: -0.016 min  
Response: 49119  
Conc: 25.52 ng/ml



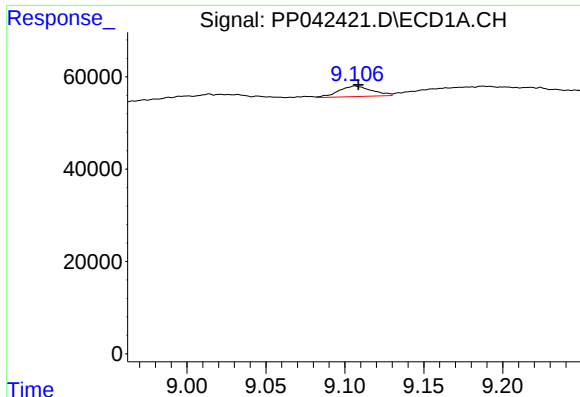
#36 AR-1262-1

R.T.: 8.555 min  
Delta R.T.: -0.002 min  
Response: 48098  
Conc: 62.68 ng/ml



#36 AR-1262-1

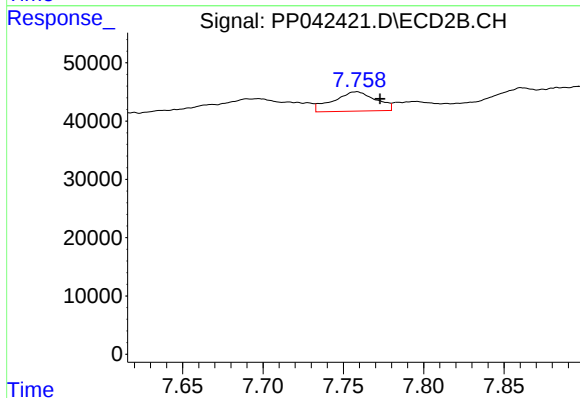
R.T.: 7.453 min  
Delta R.T.: -0.013 min  
Response: 101313  
Conc: 152.27 ng/ml



#37 AR-1262-2

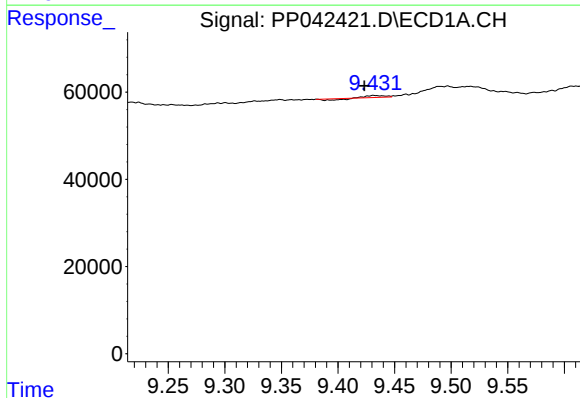
R.T.: 9.107 min  
Delta R.T.: -0.002 min  
Response: 33735  
Conc: 27.52 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



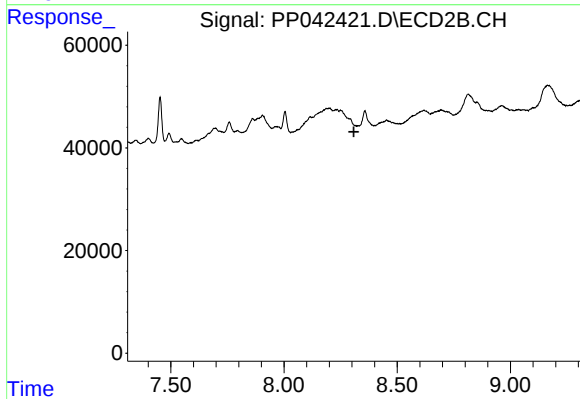
#37 AR-1262-2

R.T.: 7.758 min  
Delta R.T.: -0.015 min  
Response: 61414  
Conc: 56.62 ng/ml



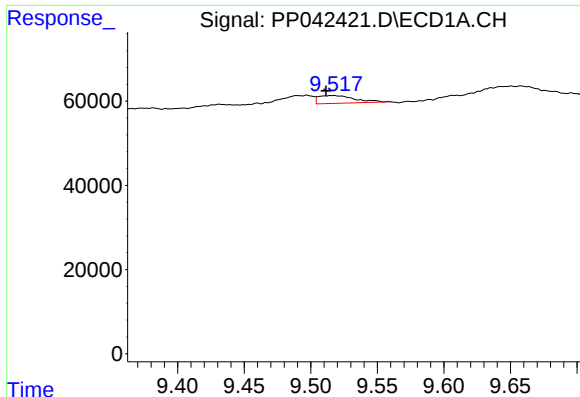
#38 AR-1262-3

R.T.: 9.432 min  
Delta R.T.: 0.008 min  
Response: 2545  
Conc: 5.18 ng/ml



#38 AR-1262-3

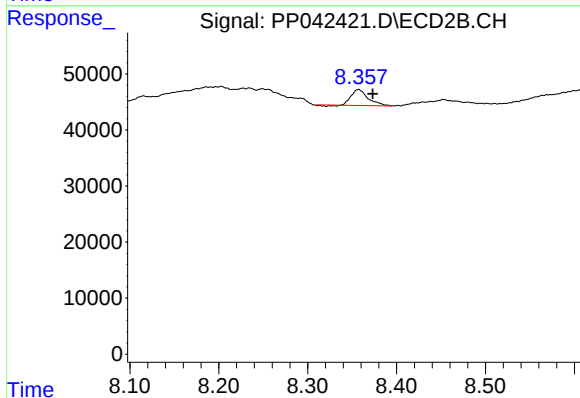
R.T.: 0.000 min  
Exp R.T.: 8.309 min  
Response: 0  
Conc: N.D.



#39 AR-1262-4

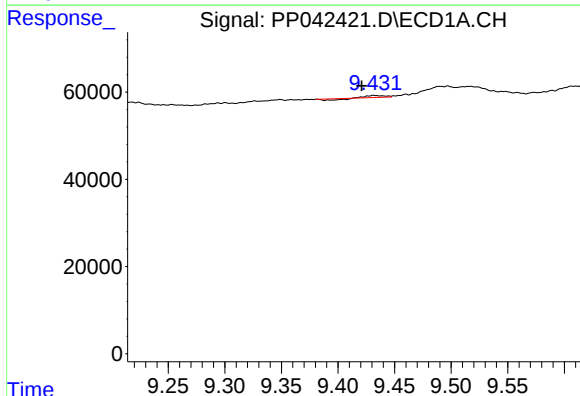
R.T.: 9.517 min  
Delta R.T.: 0.005 min  
Response: 35024  
Conc: 95.03 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



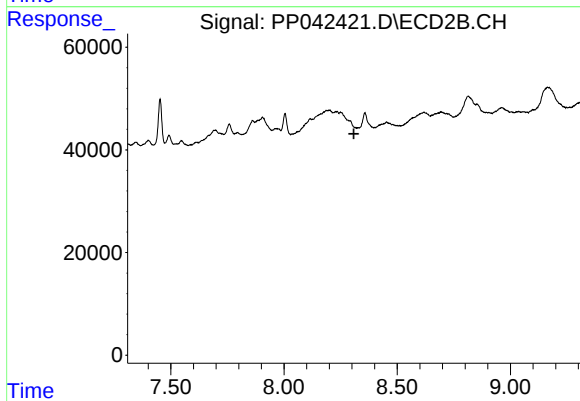
#39 AR-1262-4

R.T.: 8.357 min  
Delta R.T.: -0.016 min  
Response: 36956  
Conc: 24.26 ng/ml



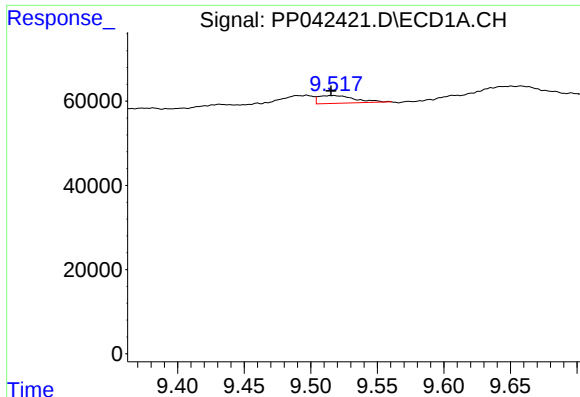
#41 AR-1268-1

R.T.: 9.432 min  
Delta R.T.: 0.011 min  
Response: 2545  
Conc: 1.68 ng/ml



#41 AR-1268-1

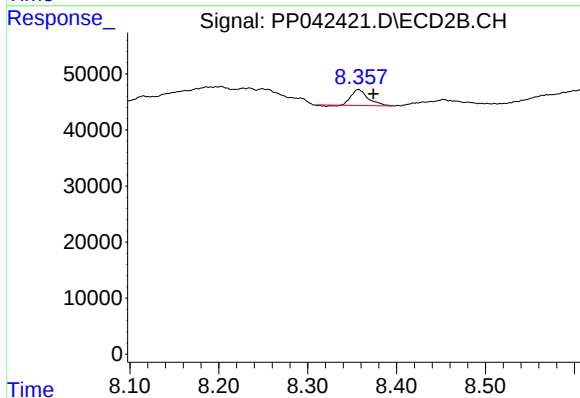
R.T.: 0.000 min  
Exp R.T. : 8.308 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

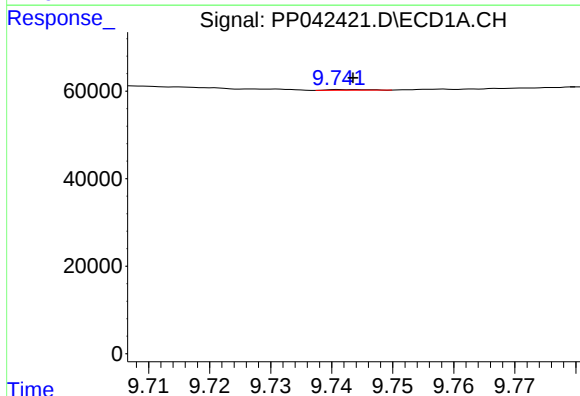
R.T.: 9.517 min  
Delta R.T.: 0.001 min  
Response: 35024  
Conc: 24.68 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



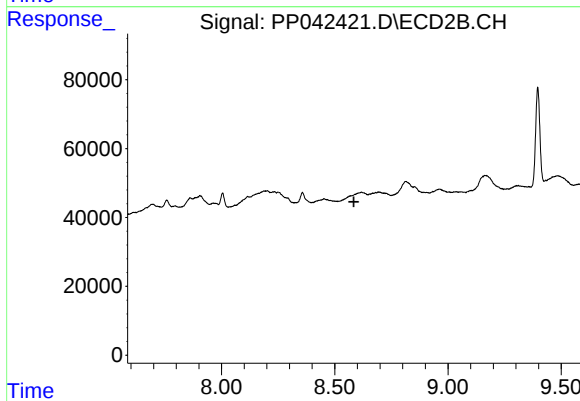
#42 AR-1268-2

R.T.: 8.357 min  
Delta R.T.: -0.017 min  
Response: 36956  
Conc: 16.93 ng/ml



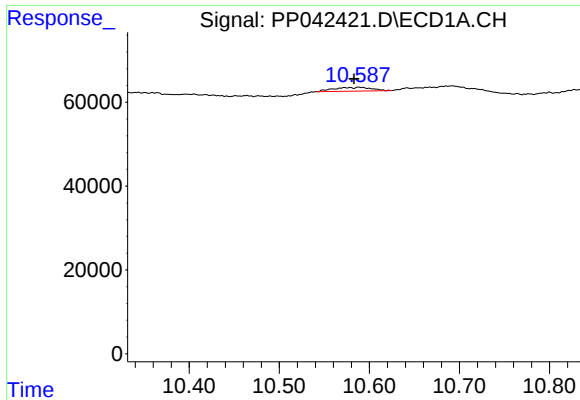
#43 AR-1268-3

R.T.: 9.742 min  
Delta R.T.: -0.001 min  
Response: 766  
Conc: 0.60 ng/ml



#43 AR-1268-3

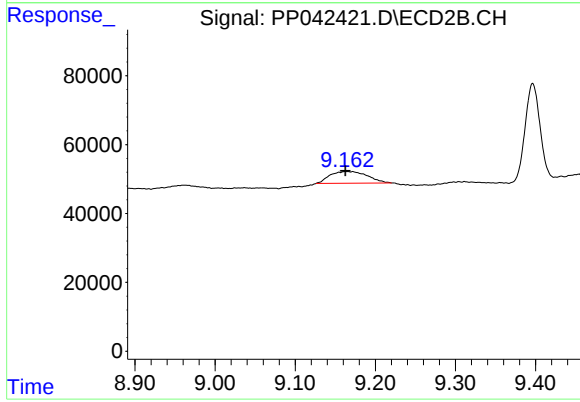
R.T.: 0.000 min  
Exp R.T.: 8.584 min  
Response: 0  
Conc: N.D.



#45 AR-1268-5

R.T.: 10.588 min  
Delta R.T.: 0.005 min  
Response: 26148  
Conc: 6.74 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :



#45 AR-1268-5

R.T.: 9.163 min  
Delta R.T.: 0.000 min  
Response: 110984  
Conc: 19.45 ng/ml