

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR030321\  
 Data File : PR049551.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Mar 2021 19:15  
 Operator : AJ\MA  
 Sample : M1545-08  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 04 03:39:37 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR030221.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 02 08:11:13 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation

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... | 4.666  | 3.852  | 48684021 | 60327256 | 18.366  | 19.169    |
| 2)                          | SA Decachlor... | 10.545 | 8.902  | 28542413 | 98506963 | 10.048  | 10.849    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 0.000  | 4.937  | 0        | 210042   | N.D.    | 3.503 #   |
| 4)                          | L1 AR-1016-2    | 0.000  | 4.950  | 0        | 108595   | N.D.    | 0.773 #   |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.108f | 0        | 64272    | N.D.    | 0.800 #   |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.169  | 0        | 577155   | N.D.    | 15.989 #  |
| 7)                          | L1 AR-1016-5    | 0.000  | 5.405f | 0        | 40353    | N.D.    | 0.711 #   |
| 8)                          | L2 AR-1221-1    | 4.884  | 4.034f | 4753867  | 580401   | 153.651 | 20.069 #  |
| 9)                          | L2 AR-1221-2    | 4.976f | 4.135  | 541011   | 21214318 | 23.214  | 824.448 # |
| 10)                         | L2 AR-1221-3    | 0.000  | 4.220  | 0        | 4457216  | N.D.    | 56.098 #  |
| 11)                         | L3 AR-1232-1    | 0.000  | 4.220  | 0        | 4457216  | N.D.    | 69.302 #  |
| 12)                         | L3 AR-1232-2    | 5.550f | 4.950  | 857836   | 108595   | 28.559  | 1.796 #   |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.108f | 0        | 64272    | N.D.    | 1.893 #   |
| 15)                         | L3 AR-1232-5    | 0.000  | 5.363f | 0        | 106846   | N.D.    | 4.752 #   |
| 16)                         | L4 AR-1242-1    | 0.000  | 4.937  | 0        | 210042   | N.D.    | 4.216 #   |
| 17)                         | L4 AR-1242-2    | 0.000  | 4.950  | 0        | 108595   | N.D.    | 0.976 #   |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.108f | 0        | 64272    | N.D.    | 1.028 #   |
| 20)                         | L4 AR-1242-5    | 0.000  | 5.729  | 0        | 279882   | N.D.    | 4.358 #   |
| 21)                         | L5 AR-1248-1    | 0.000  | 4.927  | 0        | 79257    | N.D.    | 2.132 #   |
| 22)                         | L5 AR-1248-2    | 0.000  | 5.169  | 0        | 577155   | N.D.    | 12.901 #  |
| 24)                         | L5 AR-1248-4    | 6.695f | 5.363f | 52621    | 106846   | 0.473   | 1.450 #   |
| 26)                         | L6 AR-1254-1    | 6.695  | 5.729  | 52621    | 279882   | 0.481   | 2.501 #   |
| 27)                         | L6 AR-1254-2    | 6.916  | 5.874  | 831271   | 68197    | 4.924   | 0.558 #   |
| 28)                         | L6 AR-1254-3    | 7.292  | 6.285  | 136049   | 352243   | 0.787   | 1.504 #   |
| 29)                         | L6 AR-1254-4    | 7.543f | 6.517  | 25895    | 852332   | 0.181   | 2.361 #   |
| 30)                         | L6 AR-1254-5    | 7.996  | 6.934  | 3802313  | 373761   | 27.214  | 0.872 #   |
| 31)                         | L7 AR-1260-1    | 0.000  | 6.420  | 0        | 301659   | N.D.    | 2.159 #   |
| 32)                         | L7 AR-1260-2    | 7.703  | 6.605  | 880563   | 7186830  | 5.414   | 13.160 #  |
| 33)                         | L7 AR-1260-3    | 0.000  | 6.756  | 0        | 216475   | N.D.    | 0.692 #   |
| 34)                         | L7 AR-1260-4    | 0.000  | 7.231  | 0        | 235574   | N.D.    | 0.629 #   |
| 35)                         | L7 AR-1260-5    | 0.000  | 7.475  | 0        | 735415   | N.D.    | 0.544 #   |
| 36)                         | L8 AR-1262-1    | 0.000  | 6.931  | 0        | 894616   | N.D.    | 3.911 #   |
| 37)                         | L8 AR-1262-2    | 0.000  | 7.475  | 0        | 735415   | N.D.    | 0.489 #   |
| 38)                         | L8 AR-1262-3    | 0.000  | 7.758  | 0        | 778971   | N.D.    | 1.334 #   |
| 39)                         | L8 AR-1262-4    | 0.000  | 7.826  | 0        | 318765   | N.D.    | 0.325 #   |
| 40)                         | L8 AR-1262-5    | 0.000  | 8.334  | 0        | 119213   | N.D.    | 0.268 #   |
| 41)                         | L9 AR-1268-1    | 0.000  | 7.758  | 0        | 778971   | N.D.    | 0.454 #   |
| 42)                         | L9 AR-1268-2    | 0.000  | 7.826  | 0        | 318765   | N.D.    | 0.219 #   |
| 43)                         | L9 AR-1268-3    | 0.000  | 8.030  | 0        | 315231   | N.D.    | 0.245 #   |
| 44)                         | L9 AR-1268-4    | 0.000  | 8.334  | 0        | 119213   | N.D.    | 0.246 #   |
| 45)                         | L9 AR-1268-5    | 0.000  | 8.638  | 0        | 559480   | N.D.    | 0.145 #   |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR030321\  
Data File : PR049551.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Mar 2021 19:15  
Operator : AJ\MA  
Sample : M1545-08  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampleId :

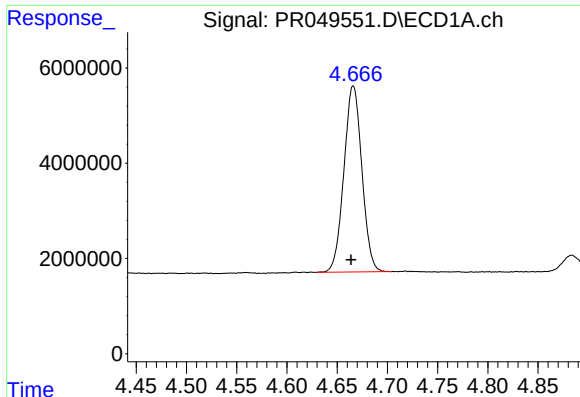
Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 04 03:39:37 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR030221.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 02 08:11:13 2021  
Response via : Initial Calibration  
Integrator: ChemStation

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 |
|----------|------|------|--------|--------|-------|-------|
| -----    |      |      |        |        |       |       |
| -----    |      |      |        |        |       |       |

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

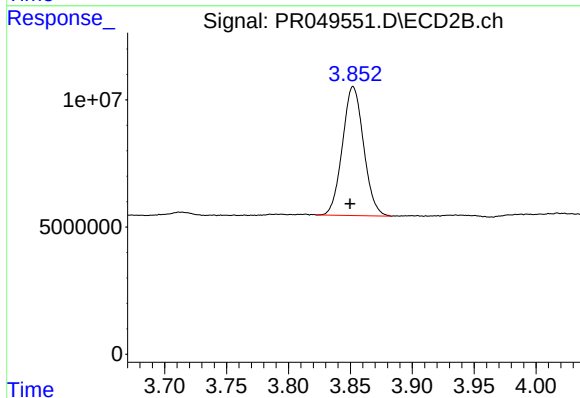




#1 Tetrachloro-m-xylene

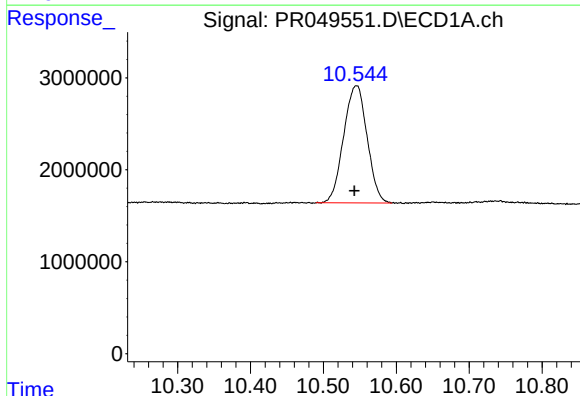
R.T.: 4.666 min  
Delta R.T.: 0.002 min  
Response: 48684021  
Conc: 18.37 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



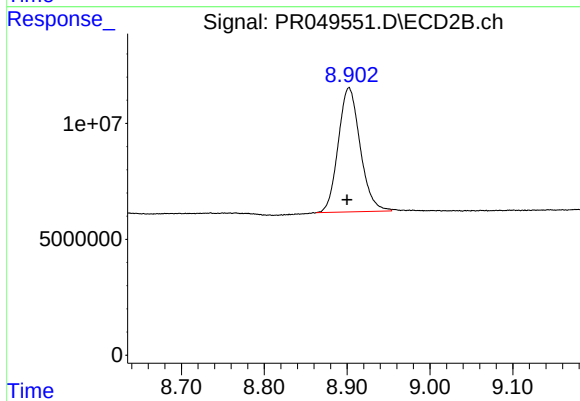
#1 Tetrachloro-m-xylene

R.T.: 3.852 min  
Delta R.T.: 0.002 min  
Response: 60327256  
Conc: 19.17 ng/ml



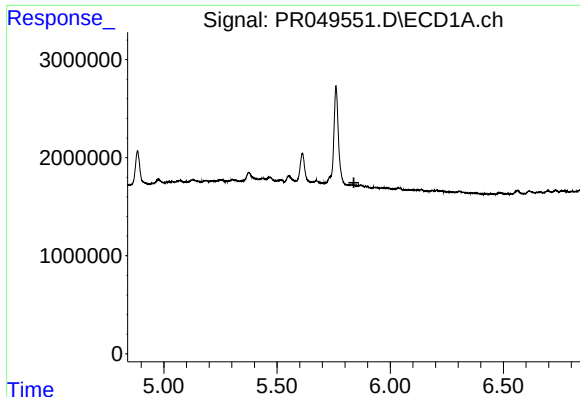
#2 Decachlorobiphenyl

R.T.: 10.545 min  
Delta R.T.: 0.003 min  
Response: 28542413  
Conc: 10.05 ng/ml



#2 Decachlorobiphenyl

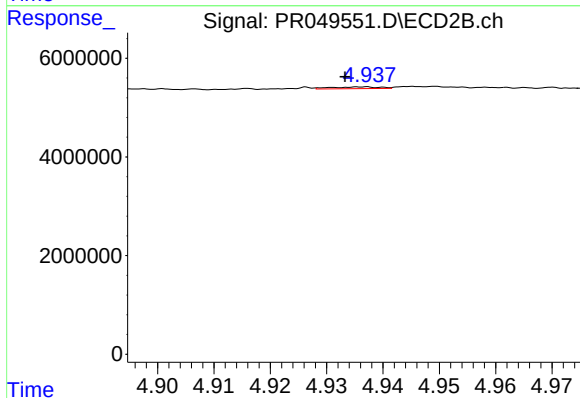
R.T.: 8.902 min  
Delta R.T.: 0.002 min  
Response: 98506963  
Conc: 10.85 ng/ml



#3 AR-1016-1

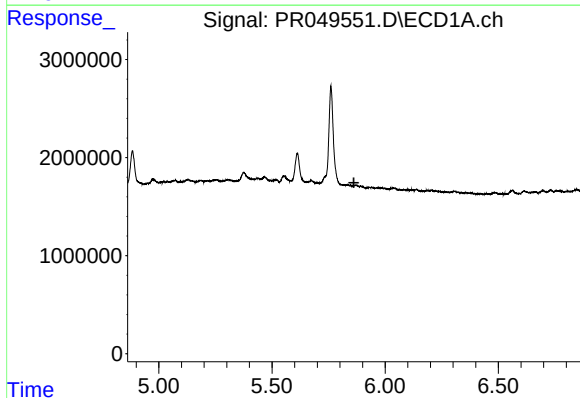
R.T.: 0.000 min  
Exp R.T.: 5.839 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



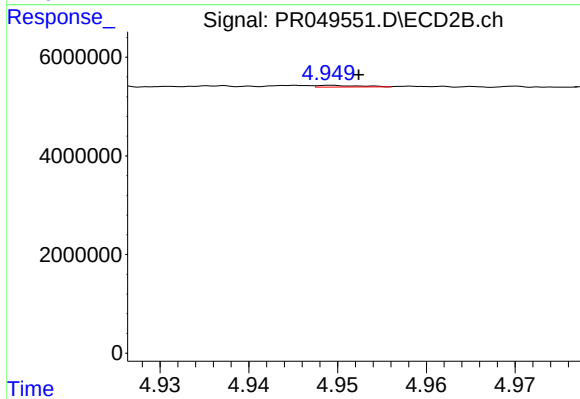
#3 AR-1016-1

R.T.: 4.937 min  
Delta R.T.: 0.004 min  
Response: 210042  
Conc: 3.50 ng/ml



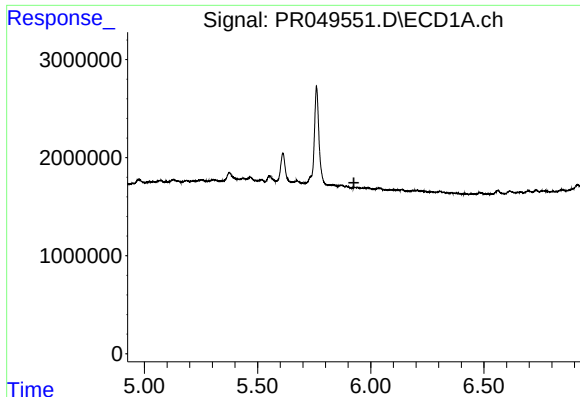
#4 AR-1016-2

R.T.: 0.000 min  
Exp R.T.: 5.862 min  
Response: 0  
Conc: N.D.



#4 AR-1016-2

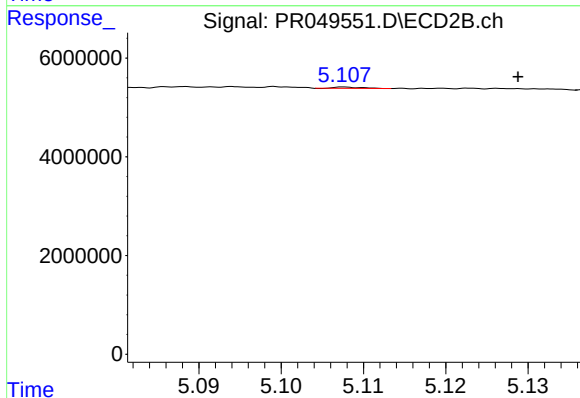
R.T.: 4.950 min  
Delta R.T.: -0.003 min  
Response: 108595  
Conc: 0.77 ng/ml



#5 AR-1016-3

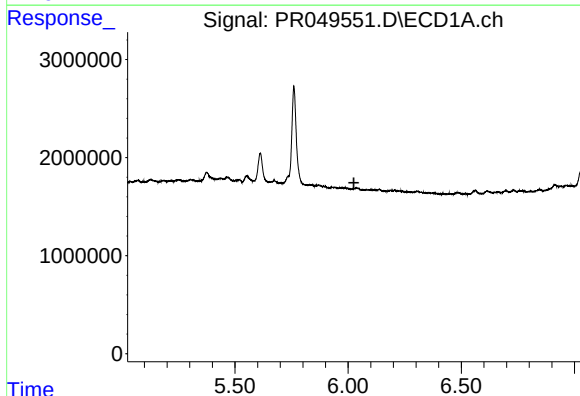
R.T.: 0.000 min  
Exp R.T.: 5.925 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



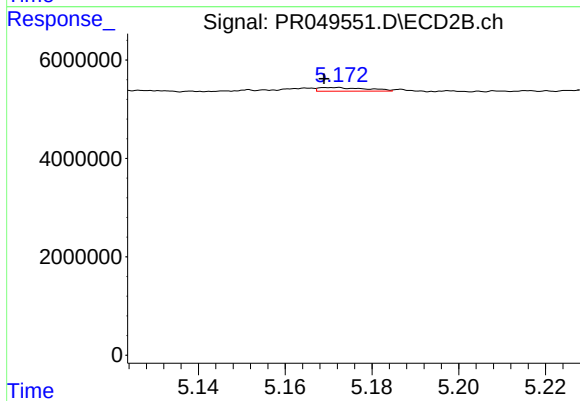
#5 AR-1016-3

R.T.: 5.108 min  
Delta R.T.: -0.021 min  
Response: 64272  
Conc: 0.80 ng/ml



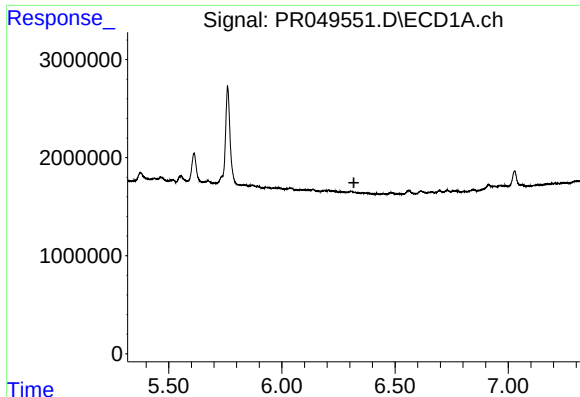
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T.: 6.025 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

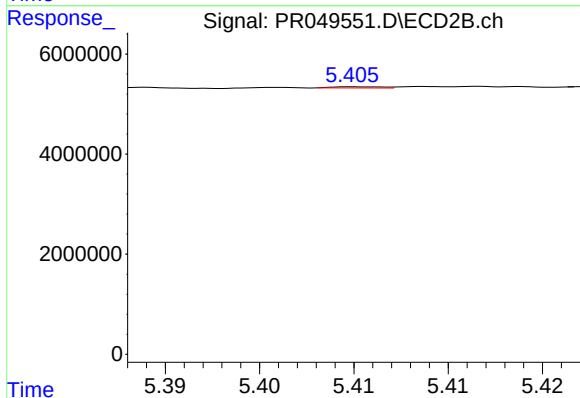
R.T.: 5.169 min  
Delta R.T.: 0.000 min  
Response: 577155  
Conc: 15.99 ng/ml



#7 AR-1016-5

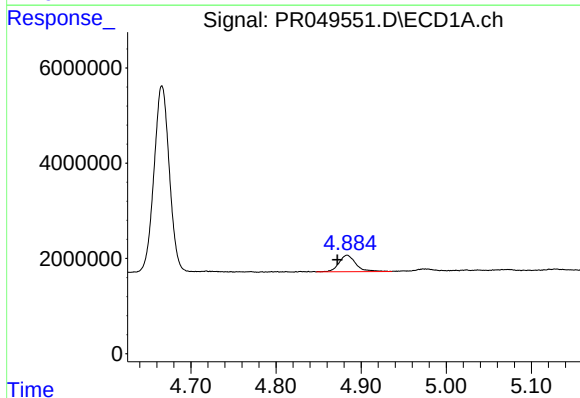
R.T.: 0.000 min  
Exp R.T.: 6.318 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



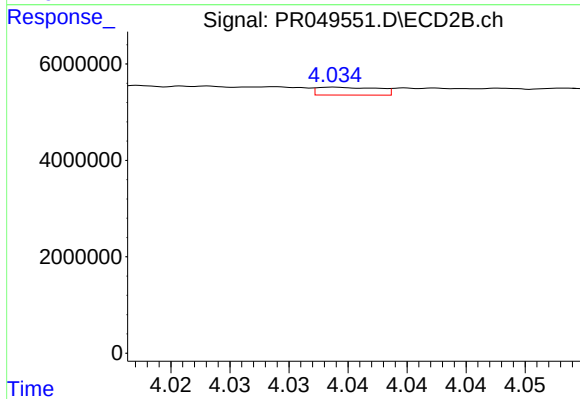
#7 AR-1016-5

R.T.: 5.405 min  
Delta R.T.: 0.021 min  
Response: 40353  
Conc: 0.71 ng/ml



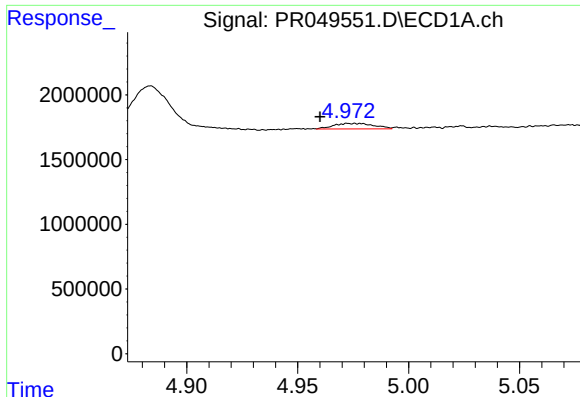
#8 AR-1221-1

R.T.: 4.884 min  
Delta R.T.: 0.011 min  
Response: 4753867  
Conc: 153.65 ng/ml



#8 AR-1221-1

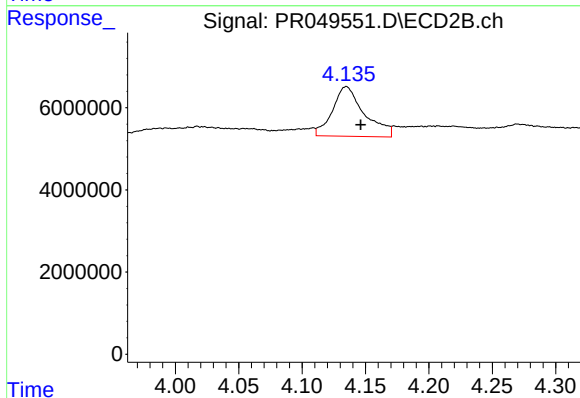
R.T.: 4.034 min  
Delta R.T.: -0.026 min  
Response: 580401  
Conc: 20.07 ng/ml



#9 AR-1221-2

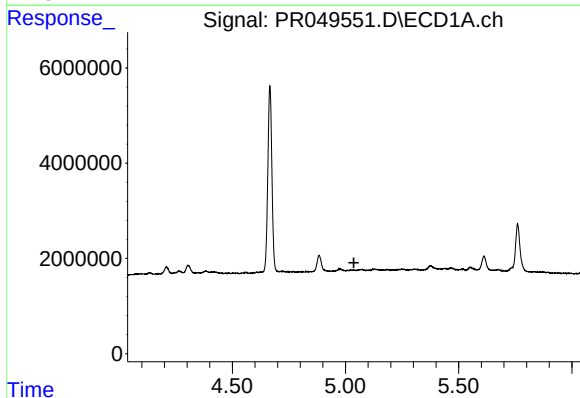
R.T.: 4.976 min  
Delta R.T.: 0.016 min  
Response: 541011  
Conc: 23.21 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



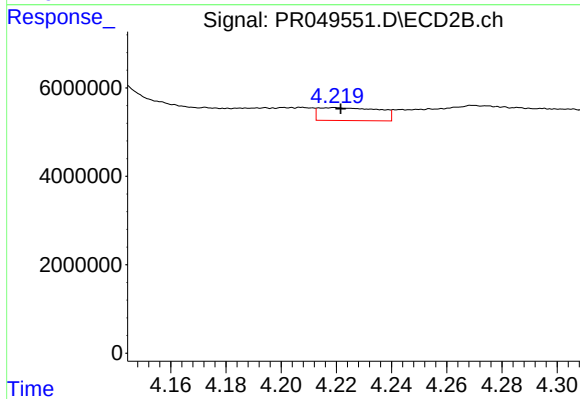
#9 AR-1221-2

R.T.: 4.135 min  
Delta R.T.: -0.011 min  
Response: 21214318  
Conc: 824.45 ng/ml



#10 AR-1221-3

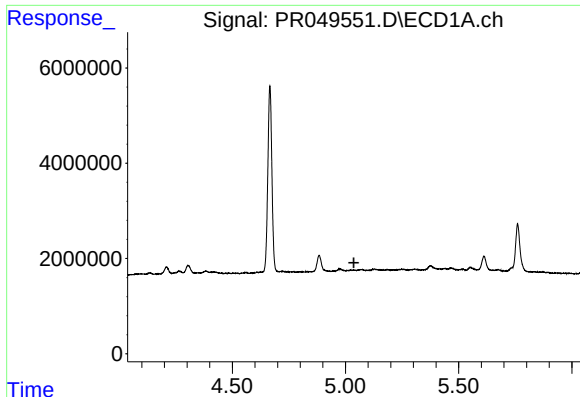
R.T.: 0.000 min  
Exp R.T. : 5.037 min  
Response: 0  
Conc: N.D.



#10 AR-1221-3

R.T.: 4.220 min  
Delta R.T.: -0.002 min  
Response: 4457216  
Conc: 56.10 ng/ml

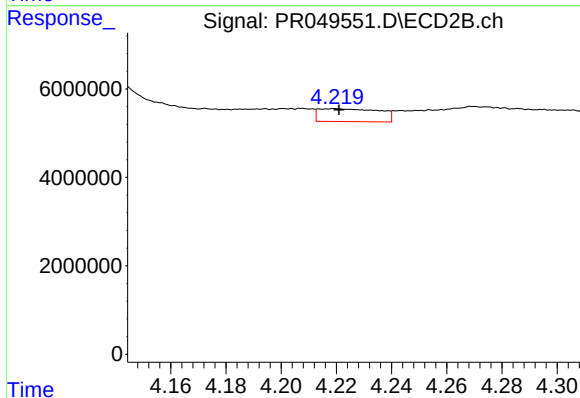




#11 AR-1232-1

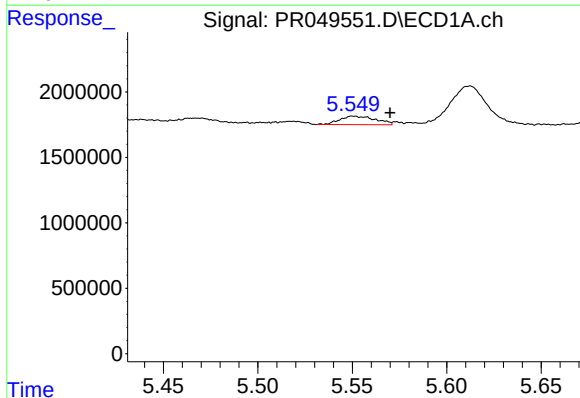
R.T.: 0.000 min  
Exp R.T.: 5.037 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



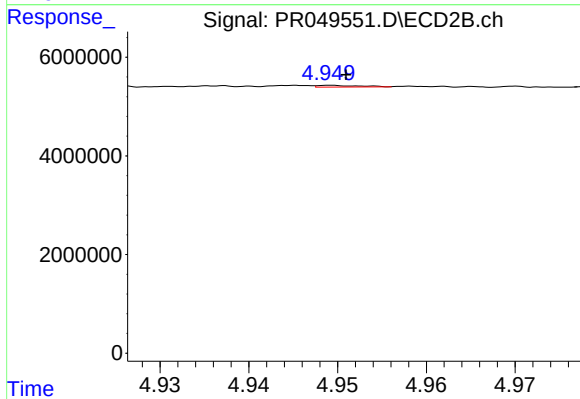
#11 AR-1232-1

R.T.: 4.220 min  
Delta R.T.: -0.001 min  
Response: 4457216  
Conc: 69.30 ng/ml



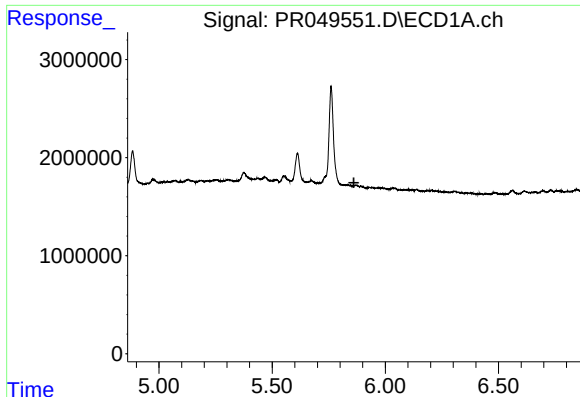
#12 AR-1232-2

R.T.: 5.550 min  
Delta R.T.: -0.020 min  
Response: 857836  
Conc: 28.56 ng/ml



#12 AR-1232-2

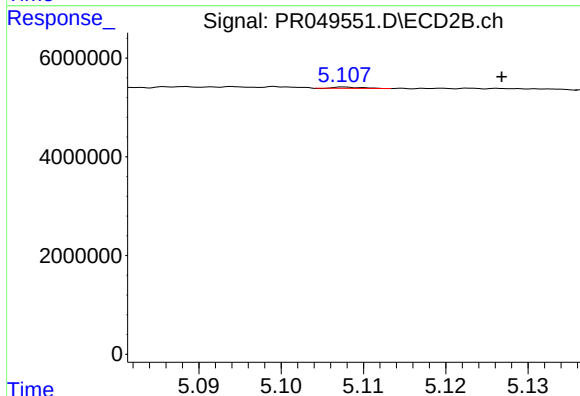
R.T.: 4.950 min  
Delta R.T.: -0.001 min  
Response: 108595  
Conc: 1.80 ng/ml



#13 AR-1232-3

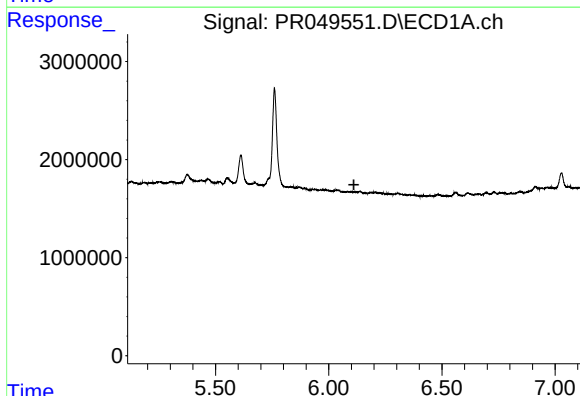
R.T.: 0.000 min  
Exp R.T.: 5.861 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



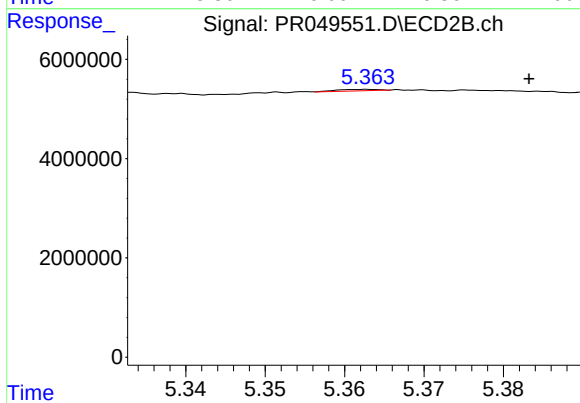
#13 AR-1232-3

R.T.: 5.108 min  
Delta R.T.: -0.019 min  
Response: 64272  
Conc: 1.89 ng/ml



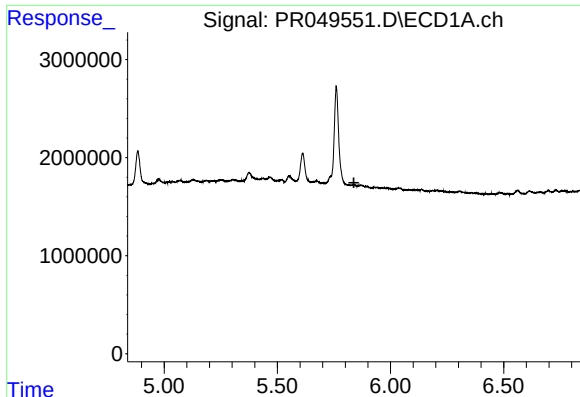
#15 AR-1232-5

R.T.: 0.000 min  
Exp R.T.: 6.111 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

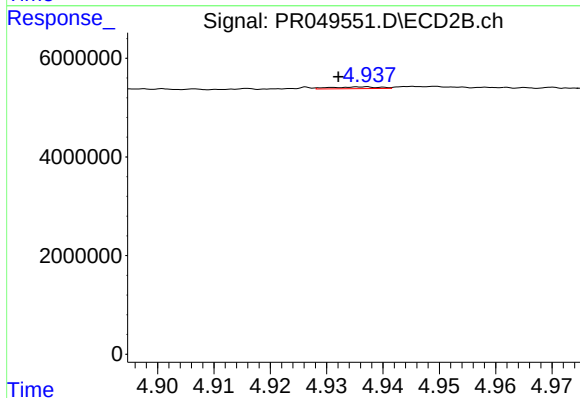
R.T.: 5.363 min  
Delta R.T.: -0.020 min  
Response: 106846  
Conc: 4.75 ng/ml



#16 AR-1242-1

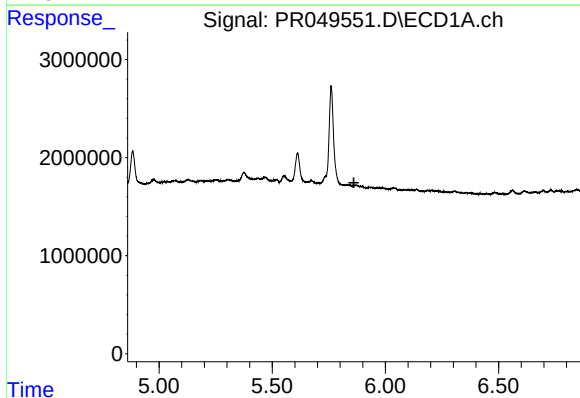
R.T.: 0.000 min  
Exp R.T. : 5.838 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



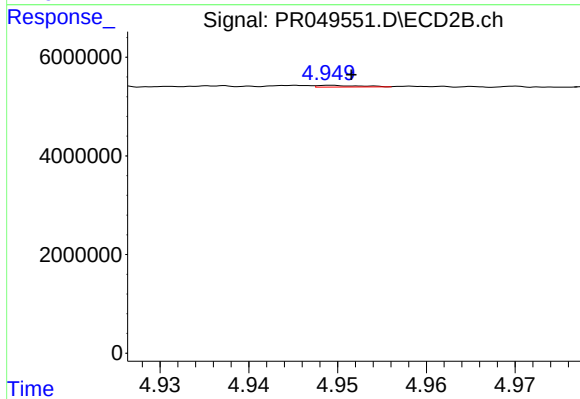
#16 AR-1242-1

R.T.: 4.937 min  
Delta R.T.: 0.005 min  
Response: 210042  
Conc: 4.22 ng/ml



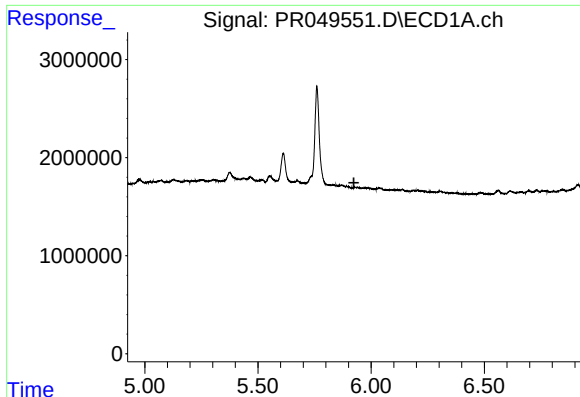
#17 AR-1242-2

R.T.: 0.000 min  
Exp R.T. : 5.861 min  
Response: 0  
Conc: N.D.



#17 AR-1242-2

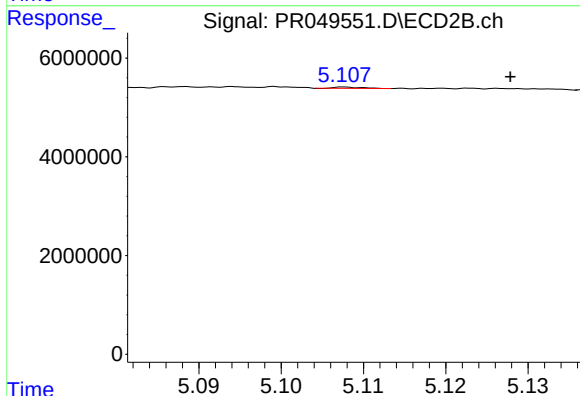
R.T.: 4.950 min  
Delta R.T.: -0.002 min  
Response: 108595  
Conc: 0.98 ng/ml



#18 AR-1242-3

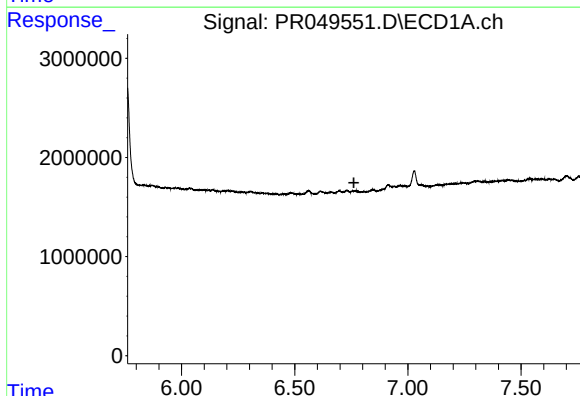
R.T.: 0.000 min  
Exp R.T.: 5.924 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



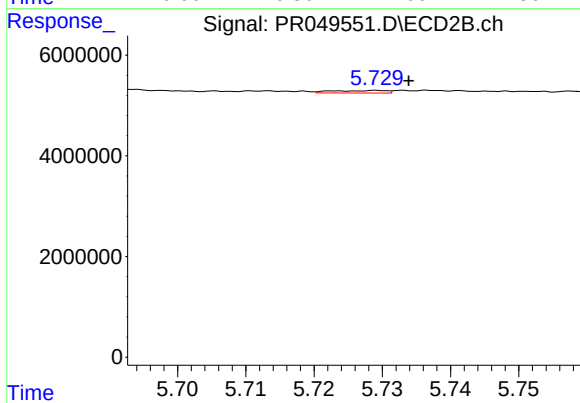
#18 AR-1242-3

R.T.: 5.108 min  
Delta R.T.: -0.020 min  
Response: 64272  
Conc: 1.03 ng/ml



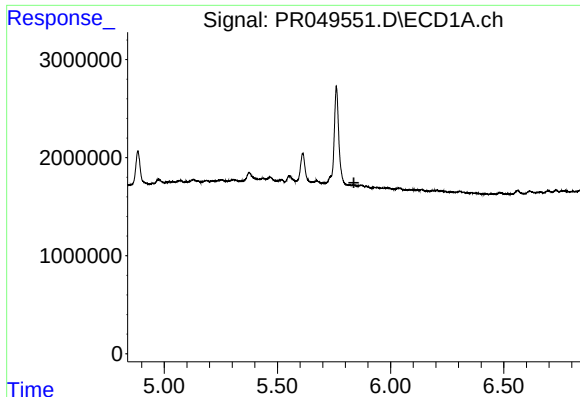
#20 AR-1242-5

R.T.: 0.000 min  
Exp R.T.: 6.761 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

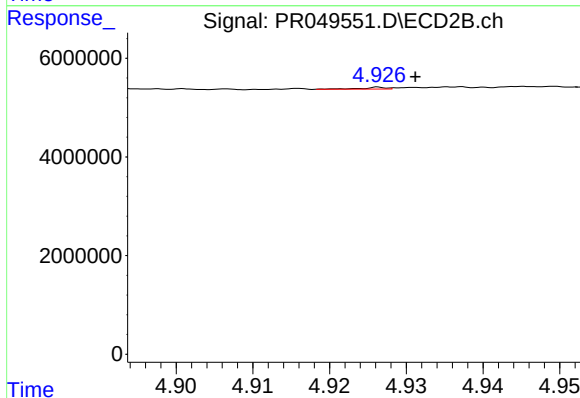
R.T.: 5.729 min  
Delta R.T.: -0.005 min  
Response: 279882  
Conc: 4.36 ng/ml



#21 AR-1248-1

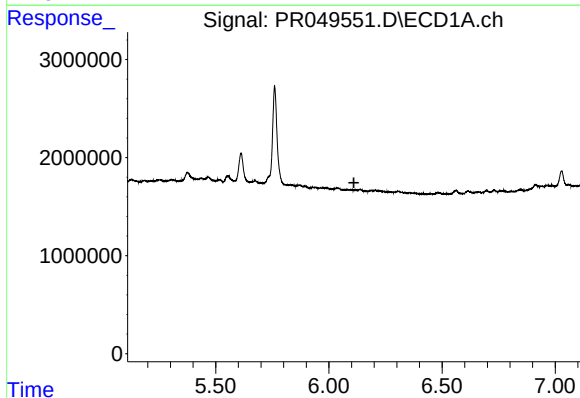
R.T.: 0.000 min  
Exp R.T.: 5.838 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



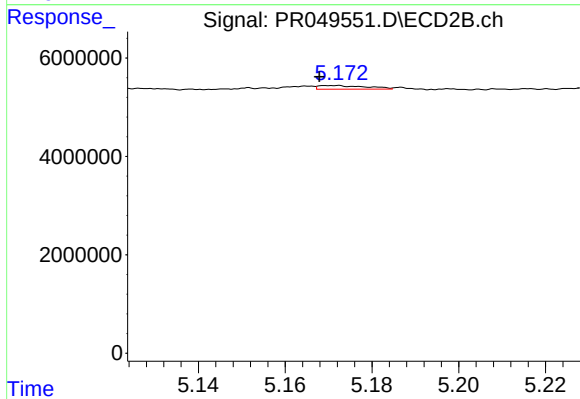
#21 AR-1248-1

R.T.: 4.927 min  
Delta R.T.: -0.005 min  
Response: 79257  
Conc: 2.13 ng/ml



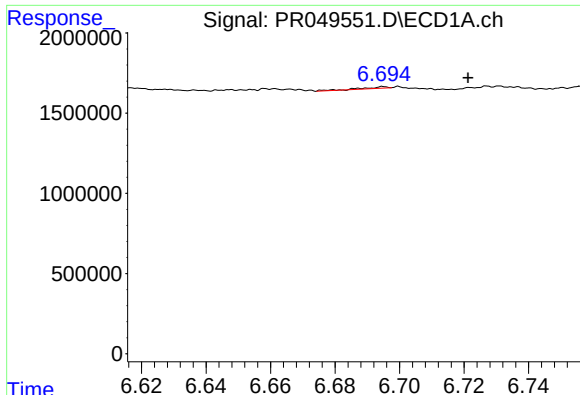
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T.: 6.111 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

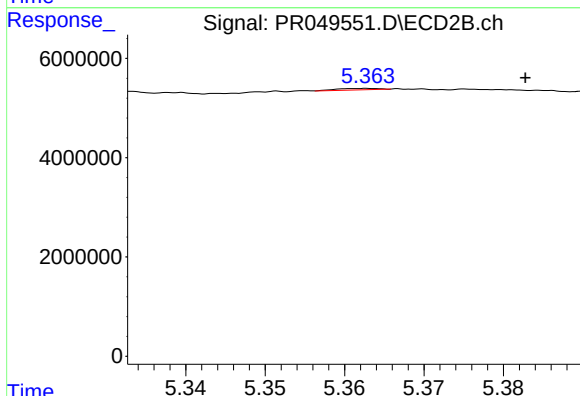
R.T.: 5.169 min  
Delta R.T.: 0.001 min  
Response: 577155  
Conc: 12.90 ng/ml



#24 AR-1248-4

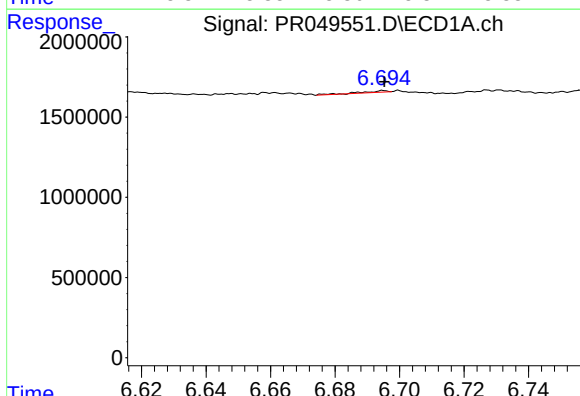
R.T.: 6.695 min  
Delta R.T.: -0.026 min  
Response: 52621  
Conc: 0.47 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



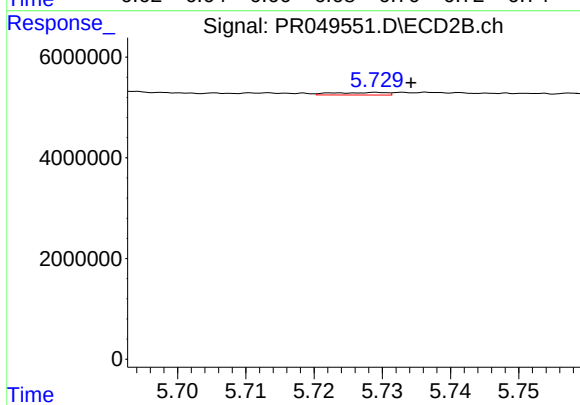
#24 AR-1248-4

R.T.: 5.363 min  
Delta R.T.: -0.020 min  
Response: 106846  
Conc: 1.45 ng/ml



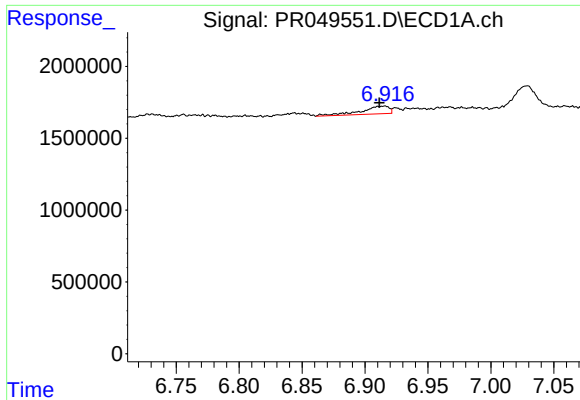
#26 AR-1254-1

R.T.: 6.695 min  
Delta R.T.: 0.000 min  
Response: 52621  
Conc: 0.48 ng/ml



#26 AR-1254-1

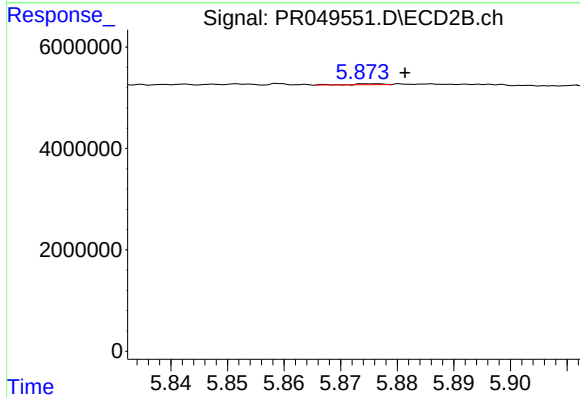
R.T.: 5.729 min  
Delta R.T.: -0.005 min  
Response: 279882  
Conc: 2.50 ng/ml



#27 AR-1254-2

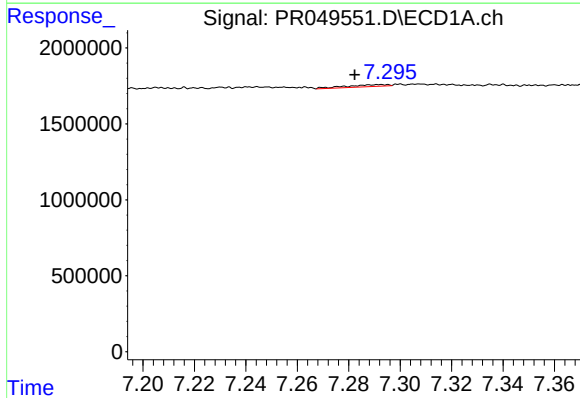
R.T.: 6.916 min  
Delta R.T.: 0.004 min  
Response: 831271  
Conc: 4.92 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



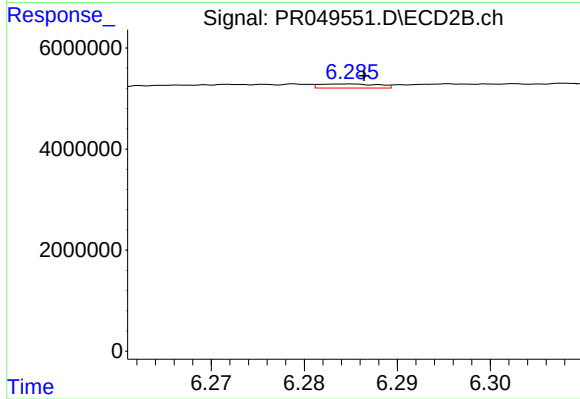
#27 AR-1254-2

R.T.: 5.874 min  
Delta R.T.: -0.007 min  
Response: 68197  
Conc: 0.56 ng/ml



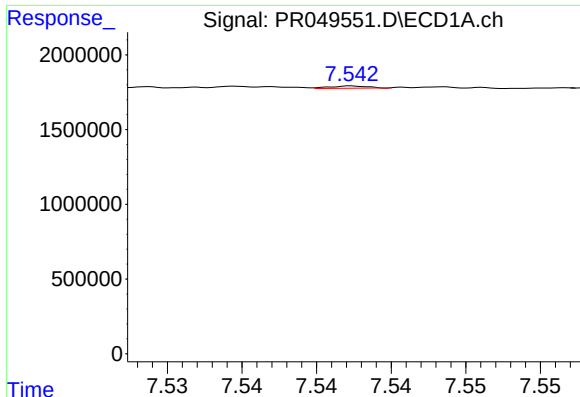
#28 AR-1254-3

R.T.: 7.292 min  
Delta R.T.: 0.010 min  
Response: 136049  
Conc: 0.79 ng/ml



#28 AR-1254-3

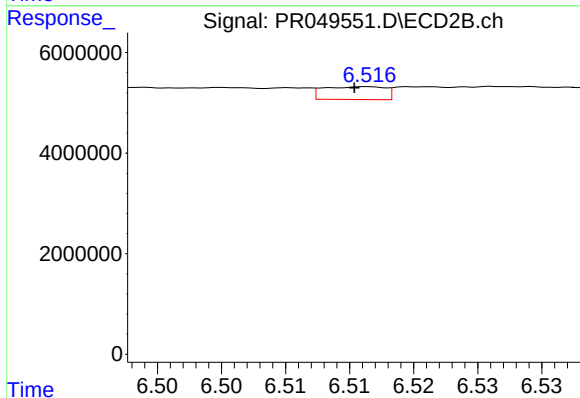
R.T.: 6.285 min  
Delta R.T.: -0.001 min  
Response: 352243  
Conc: 1.50 ng/ml



#29 AR-1254-4

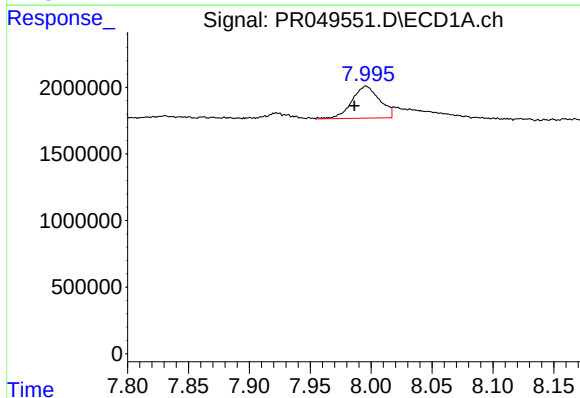
R.T.: 7.543 min  
Delta R.T.: -0.023 min  
Response: 25895  
Conc: 0.18 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :



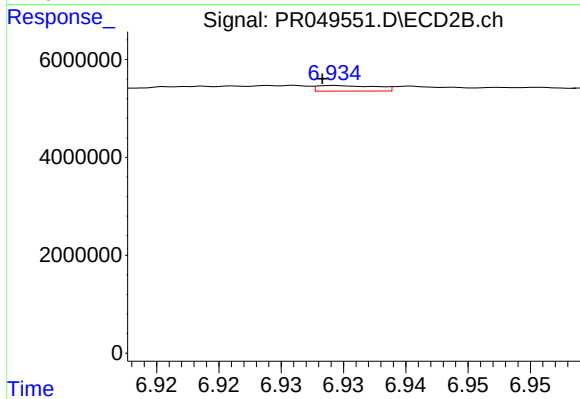
#29 AR-1254-4

R.T.: 6.517 min  
Delta R.T.: 0.001 min  
Response: 852332  
Conc: 2.36 ng/ml



#30 AR-1254-5

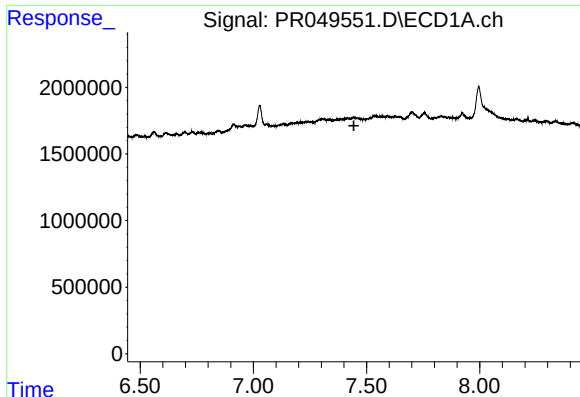
R.T.: 7.996 min  
Delta R.T.: 0.010 min  
Response: 3802313  
Conc: 27.21 ng/ml



#30 AR-1254-5

R.T.: 6.934 min  
Delta R.T.: 0.001 min  
Response: 373761  
Conc: 0.87 ng/ml

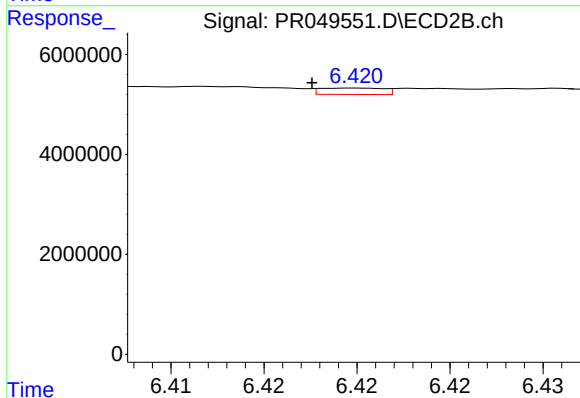




#31 AR-1260-1

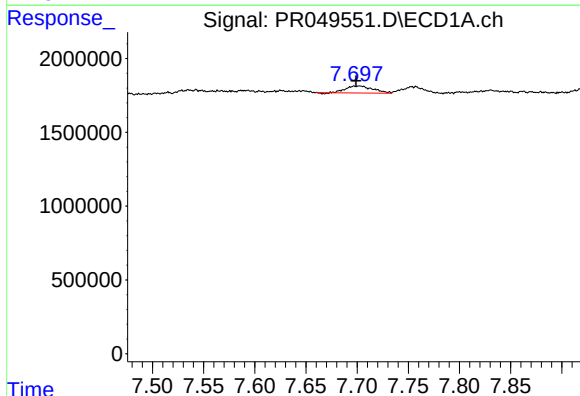
R.T.: 0.000 min  
Exp R.T.: 7.444 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



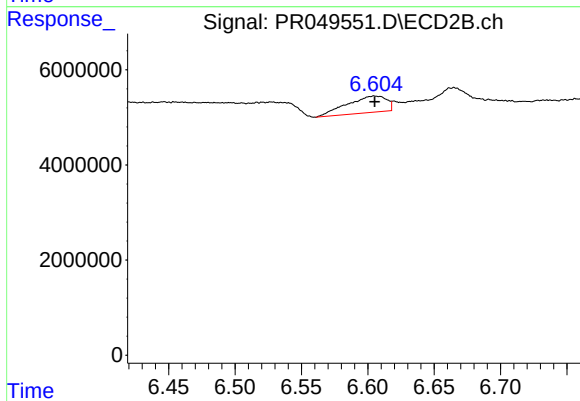
#31 AR-1260-1

R.T.: 6.420 min  
Delta R.T.: 0.003 min  
Response: 301659  
Conc: 2.16 ng/ml



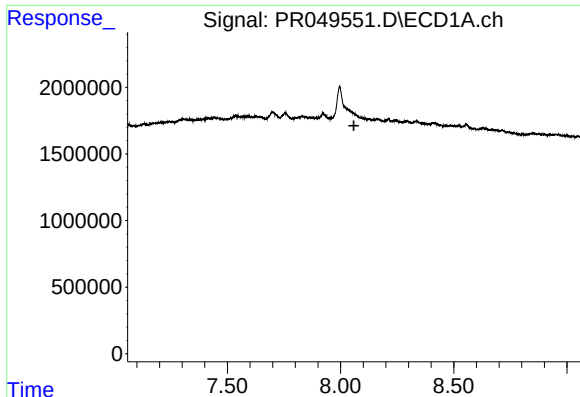
#32 AR-1260-2

R.T.: 7.703 min  
Delta R.T.: 0.004 min  
Response: 880563  
Conc: 5.41 ng/ml



#32 AR-1260-2

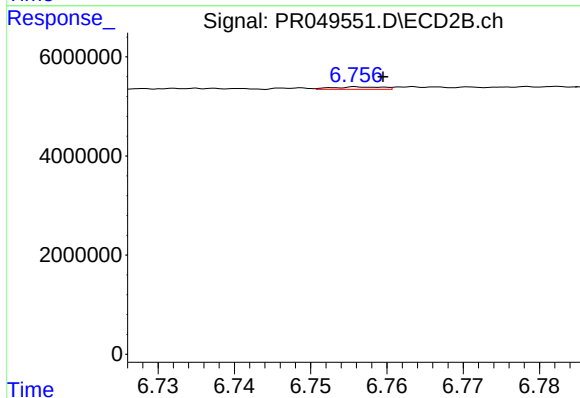
R.T.: 6.605 min  
Delta R.T.: 0.000 min  
Response: 7186830  
Conc: 13.16 ng/ml



#33 AR-1260-3

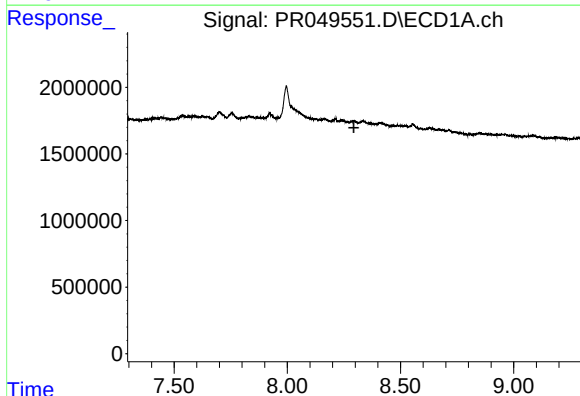
R.T.: 0.000 min  
Exp R.T. : 8.059 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



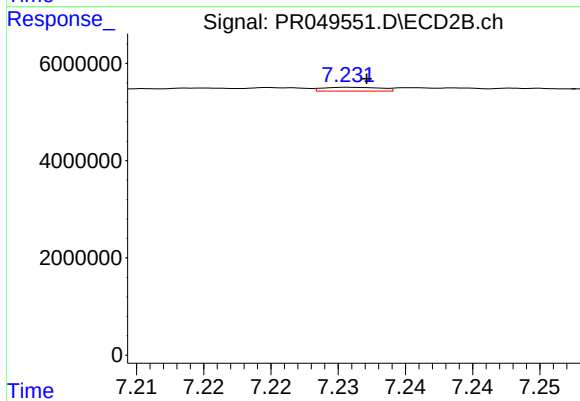
#33 AR-1260-3

R.T.: 6.756 min  
Delta R.T.: -0.003 min  
Response: 216475  
Conc: 0.69 ng/ml



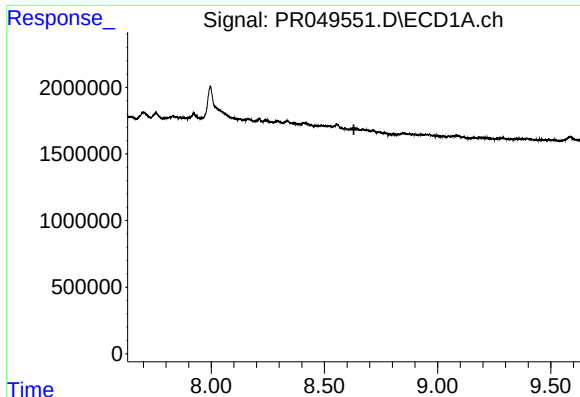
#34 AR-1260-4

R.T.: 0.000 min  
Exp R.T. : 8.294 min  
Response: 0  
Conc: N.D.



#34 AR-1260-4

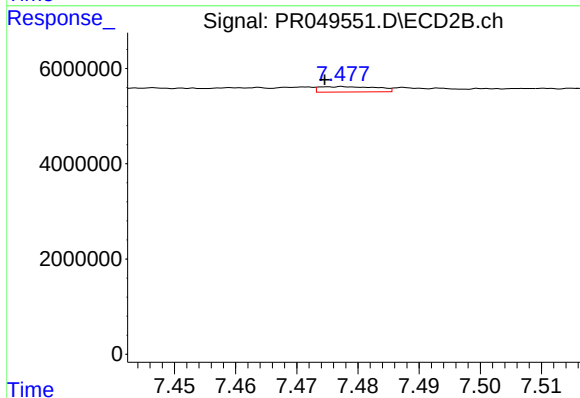
R.T.: 7.231 min  
Delta R.T.: -0.001 min  
Response: 235574  
Conc: 0.63 ng/ml



#35 AR-1260-5

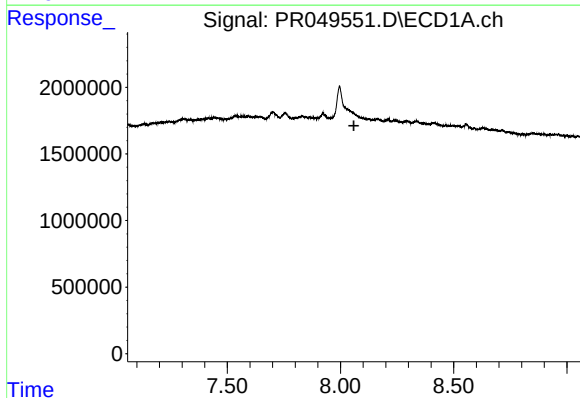
R.T.: 0.000 min  
Exp R.T.: 8.630 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



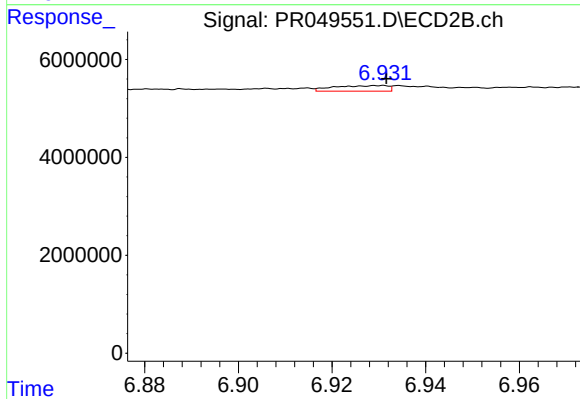
#35 AR-1260-5

R.T.: 7.475 min  
Delta R.T.: 0.000 min  
Response: 735415  
Conc: 0.54 ng/ml



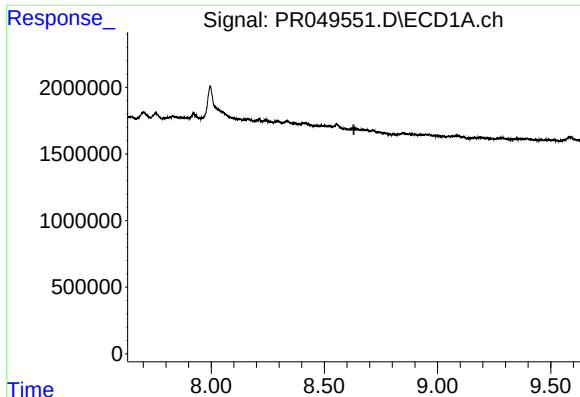
#36 AR-1262-1

R.T.: 0.000 min  
Exp R.T.: 8.059 min  
Response: 0  
Conc: N.D.



#36 AR-1262-1

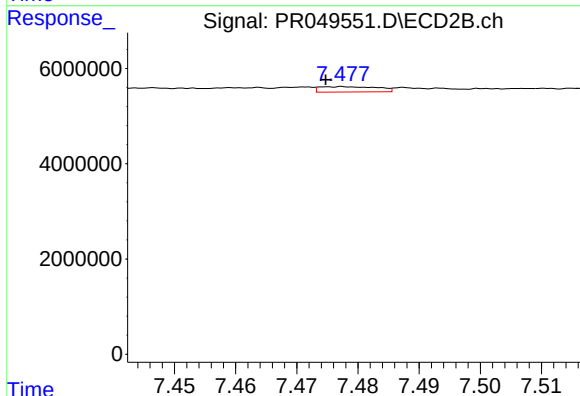
R.T.: 6.931 min  
Delta R.T.: 0.000 min  
Response: 894616  
Conc: 3.91 ng/ml



#37 AR-1262-2

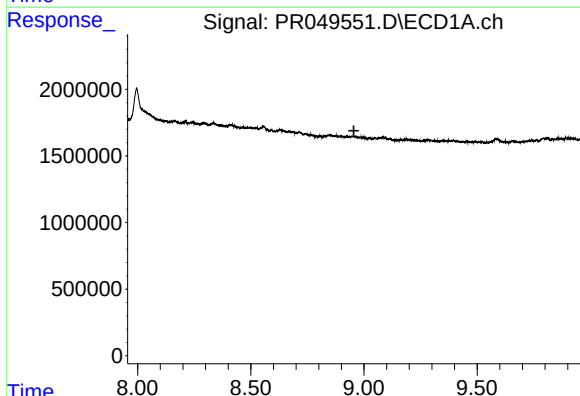
R.T.: 0.000 min  
Exp R.T.: 8.630 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



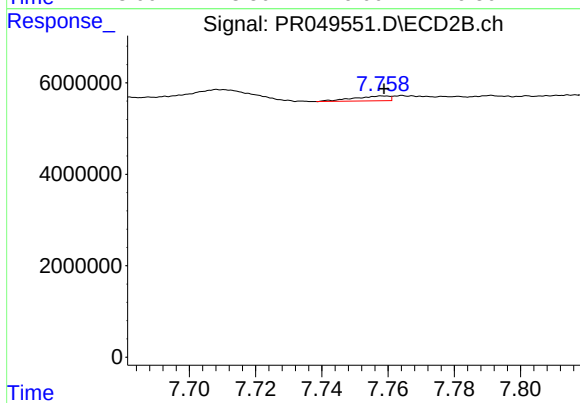
#37 AR-1262-2

R.T.: 7.475 min  
Delta R.T.: 0.000 min  
Response: 735415  
Conc: 0.49 ng/ml



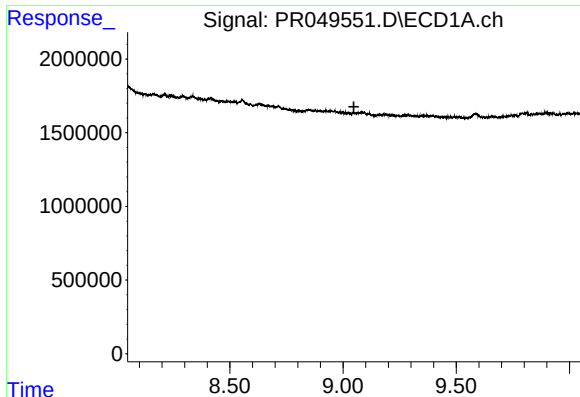
#38 AR-1262-3

R.T.: 0.000 min  
Exp R.T.: 8.955 min  
Response: 0  
Conc: N.D.



#38 AR-1262-3

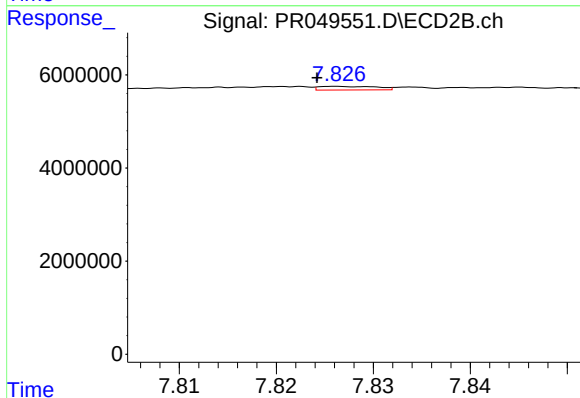
R.T.: 7.758 min  
Delta R.T.: 0.000 min  
Response: 778971  
Conc: 1.33 ng/ml



#39 AR-1262-4

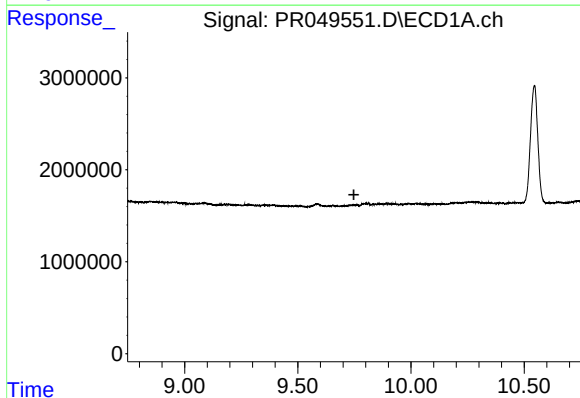
R.T.: 0.000 min  
Exp R.T.: 9.048 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



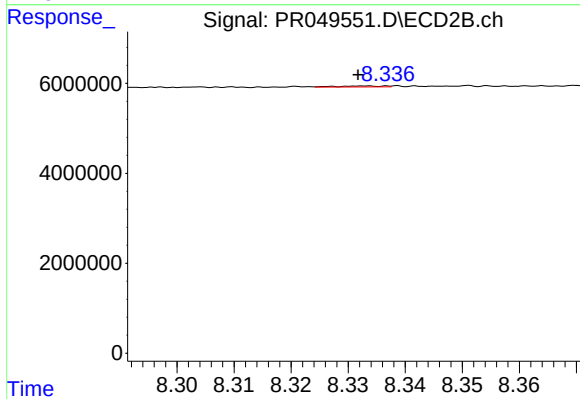
#39 AR-1262-4

R.T.: 7.826 min  
Delta R.T.: 0.002 min  
Response: 318765  
Conc: 0.32 ng/ml



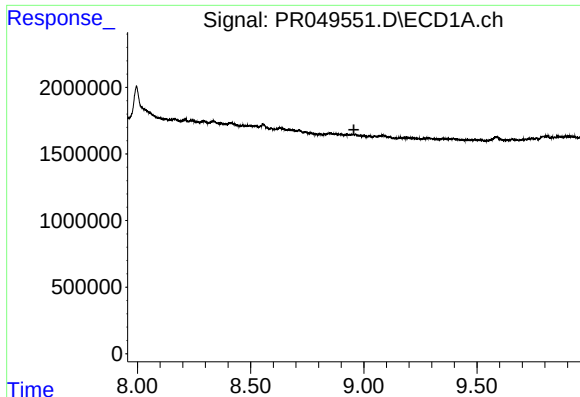
#40 AR-1262-5

R.T.: 0.000 min  
Exp R.T.: 9.748 min  
Response: 0  
Conc: N.D.



#40 AR-1262-5

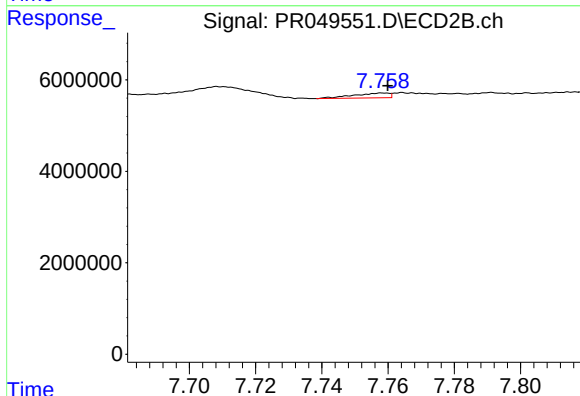
R.T.: 8.334 min  
Delta R.T.: 0.002 min  
Response: 119213  
Conc: 0.27 ng/ml



#41 AR-1268-1

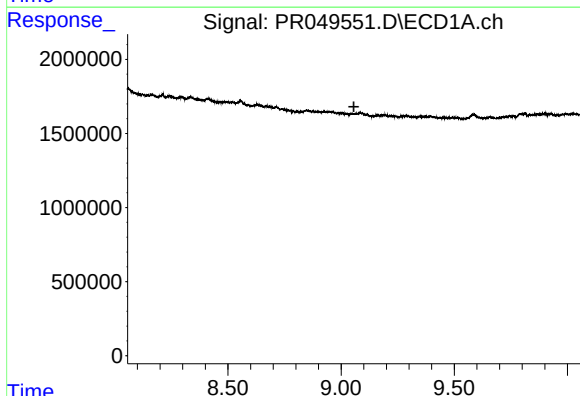
R.T.: 0.000 min  
Exp R.T. : 8.956 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



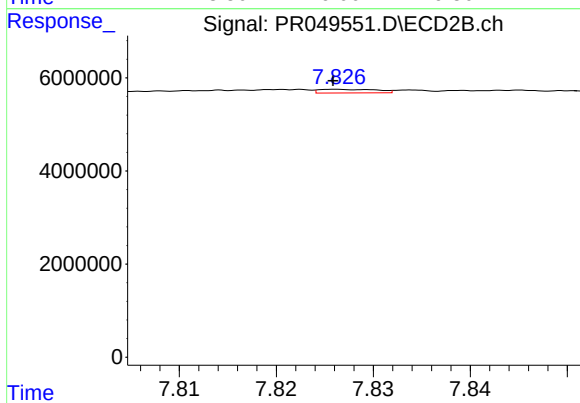
#41 AR-1268-1

R.T.: 7.758 min  
Delta R.T.: -0.002 min  
Response: 778971  
Conc: 0.45 ng/ml



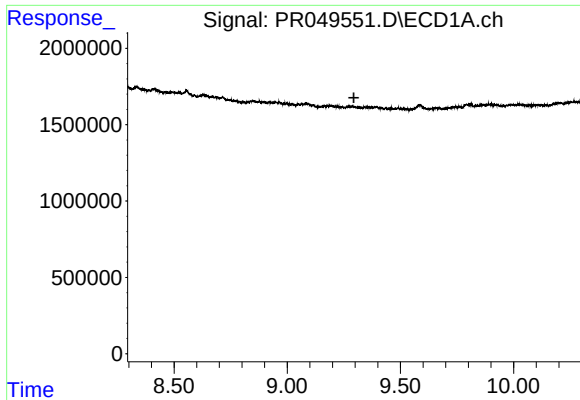
#42 AR-1268-2

R.T.: 0.000 min  
Exp R.T. : 9.056 min  
Response: 0  
Conc: N.D.



#42 AR-1268-2

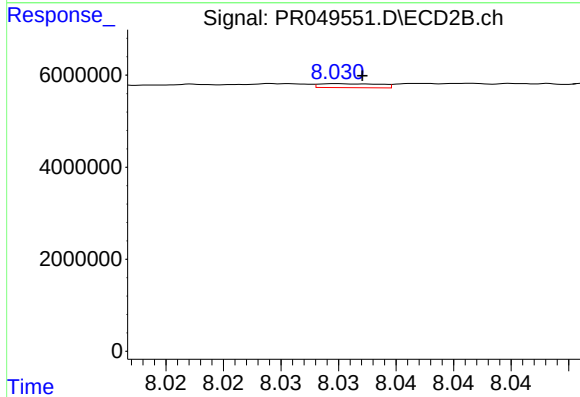
R.T.: 7.826 min  
Delta R.T.: 0.000 min  
Response: 318765  
Conc: 0.22 ng/ml



#43 AR-1268-3

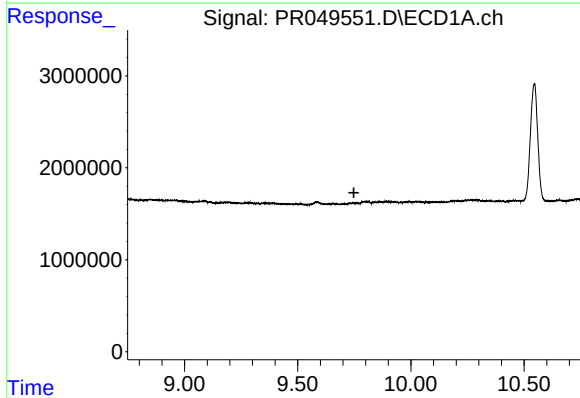
R.T.: 0.000 min  
Exp R.T.: 9.295 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



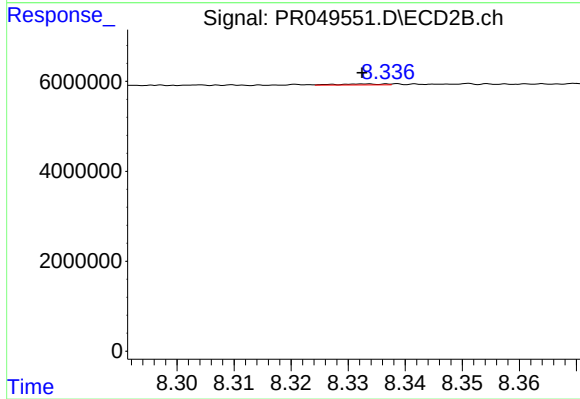
#43 AR-1268-3

R.T.: 8.030 min  
Delta R.T.: -0.002 min  
Response: 315231  
Conc: 0.24 ng/ml



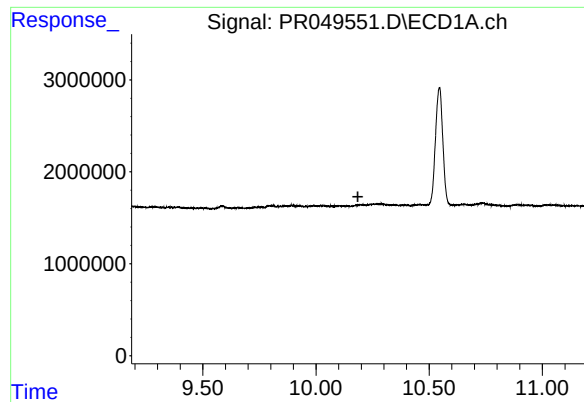
#44 AR-1268-4

R.T.: 0.000 min  
Exp R.T.: 9.748 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

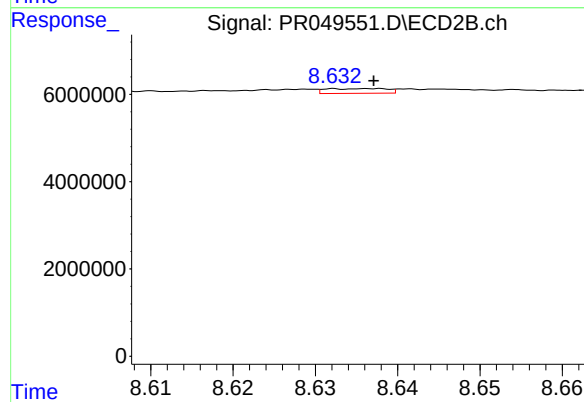
R.T.: 8.334 min  
Delta R.T.: 0.002 min  
Response: 119213  
Conc: 0.25 ng/ml



#45 AR-1268-5

R.T.: 0.000 min  
Exp R.T.: 10.185 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :



#45 AR-1268-5

R.T.: 8.638 min  
Delta R.T.: 0.001 min  
Response: 559480  
Conc: 0.14 ng/ml