

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR110719\  
 Data File : PR042950.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Nov 2019 15:41  
 Operator : SM\AJ  
 Sample : K5684-01DL 100X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 1ADL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 06 17:36:07 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR110119.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Nov 01 09:55:27 2019  
 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... | 4.718  | 3.970 | 2780888  | 9749055  | 0.472   | 0.486     |
| 2)                          | SA Decachlor... | 10.638 | 0.000 | 1822644  | 0        | 0.455   | N.D. #    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 5)                          | L1 AR-1016-3    | 0.000  | 5.301 | 0        | 17516620 | N.D.    | 47.640 #  |
| 6)                          | L1 AR-1016-4    | 0.000  | 5.301 | 0        | 17516620 | N.D.    | 63.896 #  |
| 7)                          | L1 AR-1016-5    | 6.378  | 0.000 | 3472223  | 0        | 28.038  | N.D. #    |
| 13)                         | L3 AR-1232-3    | 0.000  | 5.301 | 0        | 17516620 | N.D.    | 67.699 #  |
| 14)                         | L3 AR-1232-4    | 0.000  | 5.301 | 0        | 17516620 | N.D.    | 87.177 #  |
| 15)                         | L3 AR-1232-5    | 6.170  | 0.000 | 6424559  | 0        | 99.189  | N.D. #    |
| 18)                         | L4 AR-1242-3    | 0.000  | 5.301 | 0        | 17516620 | N.D.    | 64.491 #  |
| 19)                         | L4 AR-1242-4    | 0.000  | 5.301 | 0        | 17516620 | N.D.    | 74.324 #  |
| 20)                         | L4 AR-1242-5    | 6.824  | 5.873 | 5786507  | 78506839 | 57.886  | 266.187 # |
| 22)                         | L5 AR-1248-2    | 6.170  | 5.301 | 6424559  | 17516620 | 48.750  | 52.782    |
| 23)                         | L5 AR-1248-3    | 6.378  | 5.301 | 3472223  | 17516620 | 23.446  | 53.379 #  |
| 24)                         | L5 AR-1248-4    | 6.782  | 0.000 | 8608575  | 0        | 50.414  | N.D. #    |
| 25)                         | L5 AR-1248-5    | 6.824  | 5.873 | 5786507  | 78506839 | 35.682  | 202.523 # |
| 26)                         | L6 AR-1254-1    | 6.755  | 5.873 | 22252694 | 78506839 | 119.211 | 124.579   |
| 27)                         | L6 AR-1254-2    | 6.972  | 6.020 | 42139776 | 98090813 | 144.358 | 167.897   |
| 28)                         | L6 AR-1254-3    | 7.343  | 6.427 | 49906488 | 240.6E6  | 158.467 | 233.781 # |
| 29)                         | L6 AR-1254-4    | 7.629  | 6.655 | 44887964 | 142.7E6  | 191.523 | 187.072   |
| 30)                         | L6 AR-1254-5    | 8.048  | 7.075 | 121.1E6  | 346.2E6  | 481.641 | 375.602   |
| 31)                         | L7 AR-1260-1    | 7.505  | 6.557 | 60699639 | 191.0E6  | 291.958 | 315.082   |
| 32)                         | L7 AR-1260-2    | 7.760  | 6.744 | 92304116 | 302.7E6  | 377.548 | 350.114   |
| 33)                         | L7 AR-1260-3    | 8.122  | 6.901 | 79325597 | 223.3E6  | 438.830 | 314.451 # |
| 34)                         | L7 AR-1260-4    | 8.360  | 7.374 | 101.9E6  | 237.3E6  | 488.482 | 406.435   |
| 35)                         | L7 AR-1260-5    | 8.700  | 7.614 | 171.7E6  | 634.9E6  | 414.222 | 393.525   |
| 36)                         | L8 AR-1262-1    | 8.122  | 7.166 | 79325597 | 131.2E6  | 268.819 | 302.015   |
| 37)                         | L8 AR-1262-2    | 8.700  | 7.614 | 171.7E6  | 634.9E6  | 308.372 | 303.781   |
| 38)                         | L8 AR-1262-3    | 9.032  | 7.900 | 127.8E6  | 257.7E6  | 357.583 | 307.279   |
| 39)                         | L8 AR-1262-4    | 9.111  | 7.965 | 39493537 | 455.9E6  | 291.470 | 323.205   |
| 40)                         | L8 AR-1262-5    | 9.833  | 8.481 | 69235981 | 211.0E6  | 378.008 | 324.282   |
| 41)                         | L9 AR-1268-1    | 9.032  | 7.900 | 127.8E6  | 257.7E6  | 201.370 | 106.130 # |
| 42)                         | L9 AR-1268-2    | 9.111  | 7.965 | 39493537 | 455.9E6  | 68.604  | 212.221 # |
| 43)                         | L9 AR-1268-3    | 9.373  | 8.178 | 4077874  | 10901837 | 8.653   | 6.010 #   |
| 44)                         | L9 AR-1268-4    | 9.833  | 8.481 | 69235981 | 211.0E6  | 337.402 | 291.109   |
| 45)                         | L9 AR-1268-5    | 10.277 | 8.797 | 21566763 | 60652868 | 13.778  | 11.775    |
| -----                       |                 |        |       |          |          |         |           |

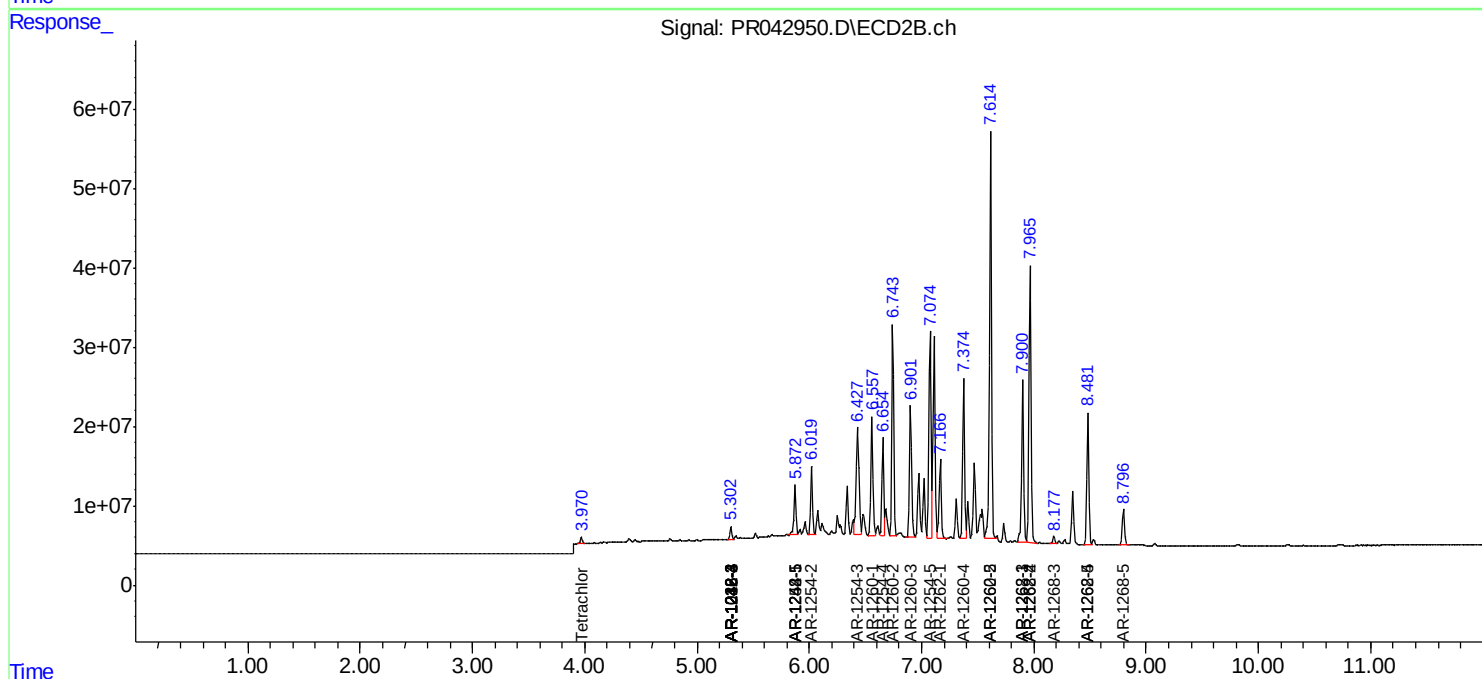
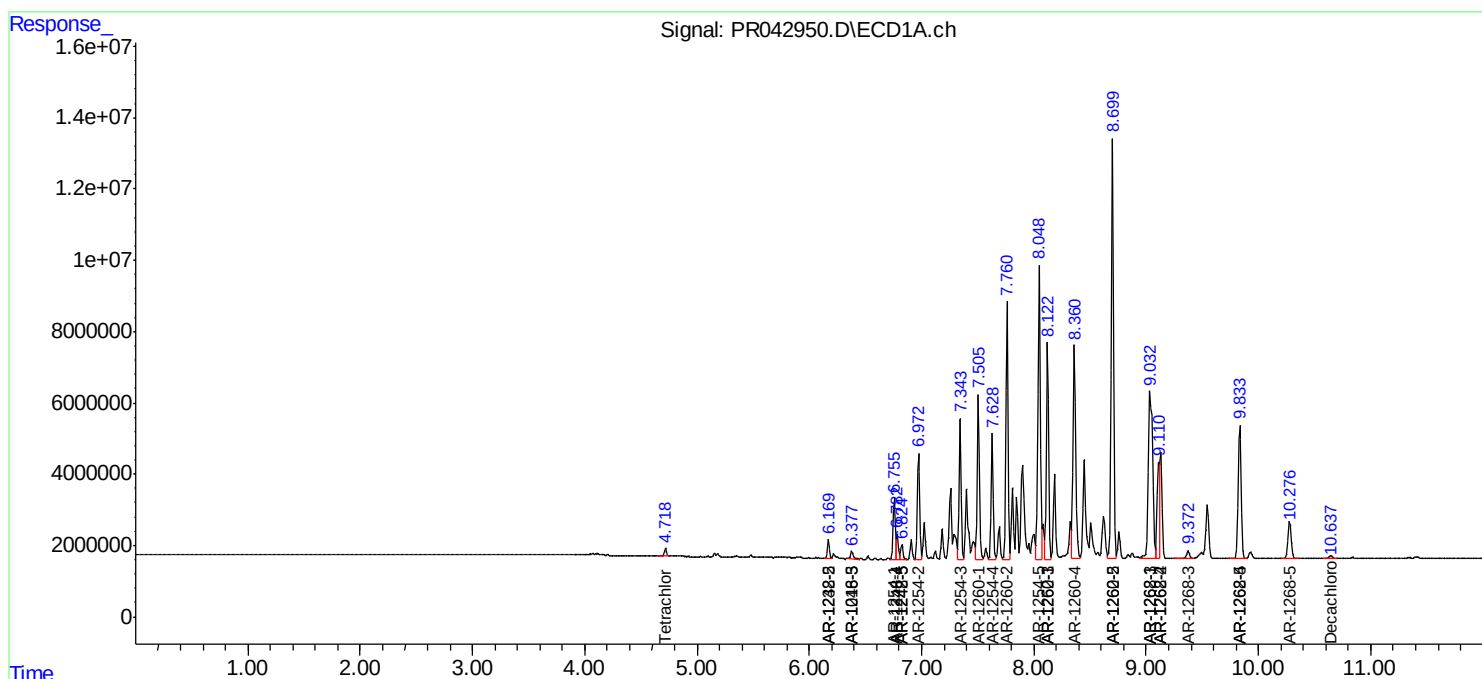
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

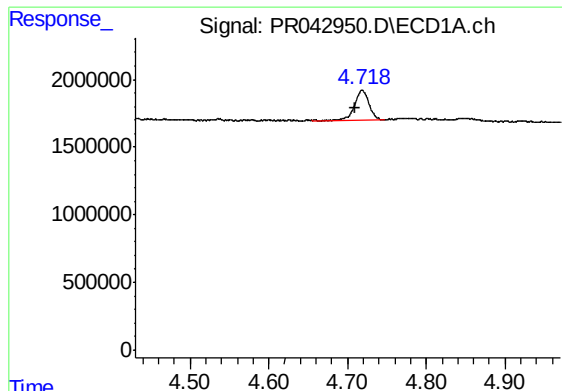
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR110719\  
Data File : PR042950.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Nov 2019 15:41  
Operator : SM\AJ  
Sample : K5684-01DL 100X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_R  
ClientSampled :  
1ADL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 06 17:36:07 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR110119.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Nov 01 09:55:27 2019  
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

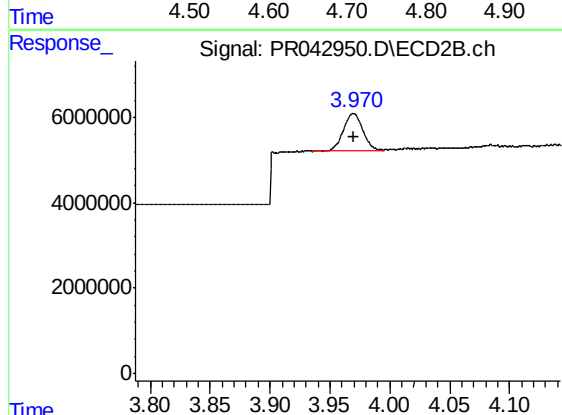




#1 Tetrachloro-m-xylene

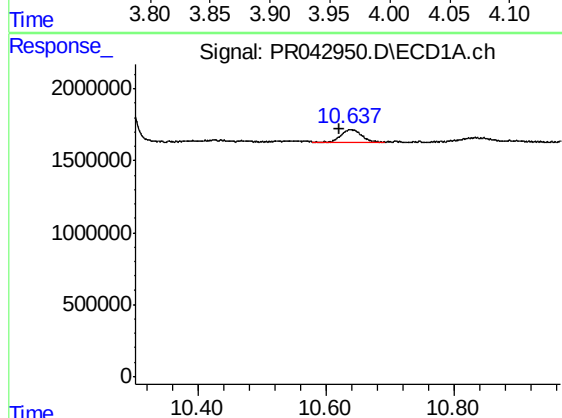
R.T.: 4.718 min  
Delta R.T.: 0.009 min  
Response: 2780888  
Conc: 0.47 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
1ADL



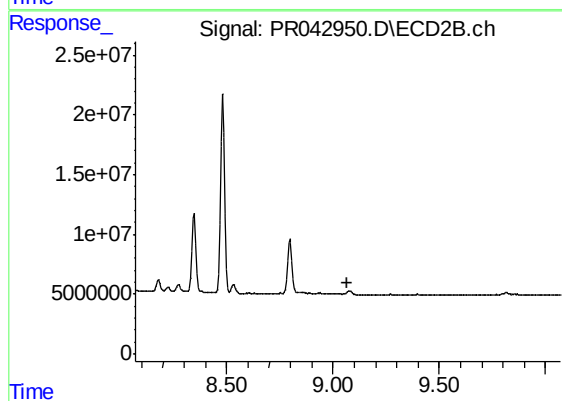
#1 Tetrachloro-m-xylene

R.T.: 3.970 min  
Delta R.T.: 0.000 min  
Response: 9749055  
Conc: 0.49 ng/ml



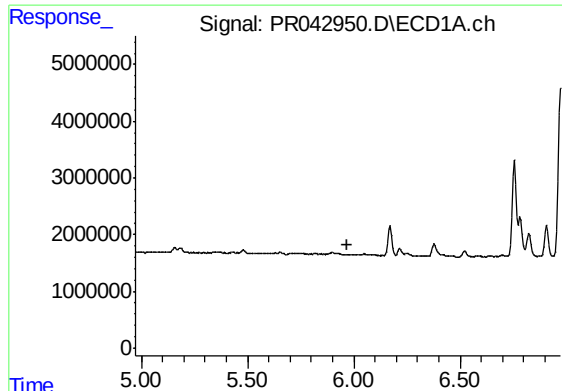
#2 Decachlorobiphenyl

R.T.: 10.638 min  
Delta R.T.: 0.016 min  
Response: 1822644  
Conc: 0.46 ng/ml



#2 Decachlorobiphenyl

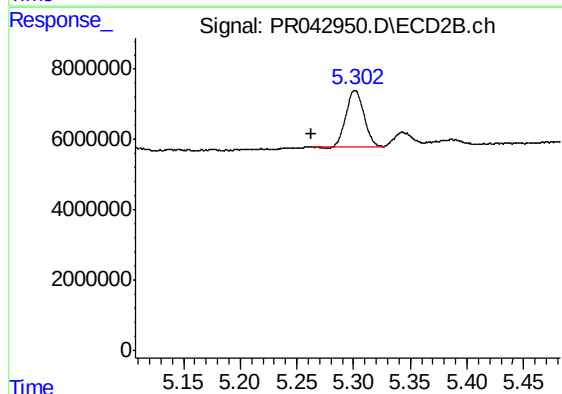
R.T.: 0.000 min  
Exp R.T. : 9.070 min  
Response: 0  
Conc: N.D.



#5 AR-1016-3

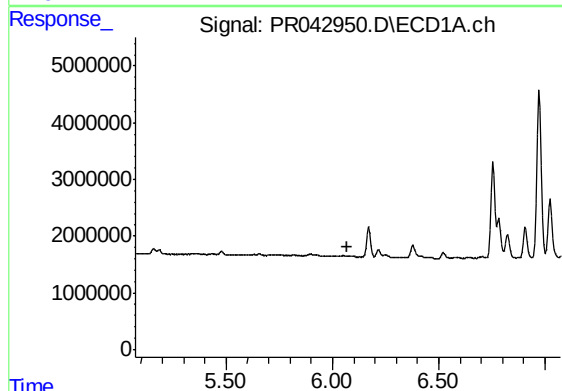
R.T.: 0.000 min  
Exp R.T. : 5.972 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
1ADL



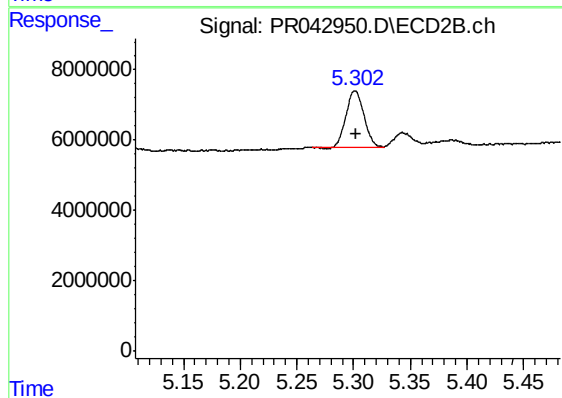
#5 AR-1016-3

R.T.: 5.301 min  
Delta R.T.: 0.038 min  
Response: 17516620  
Conc: 47.64 ng/ml



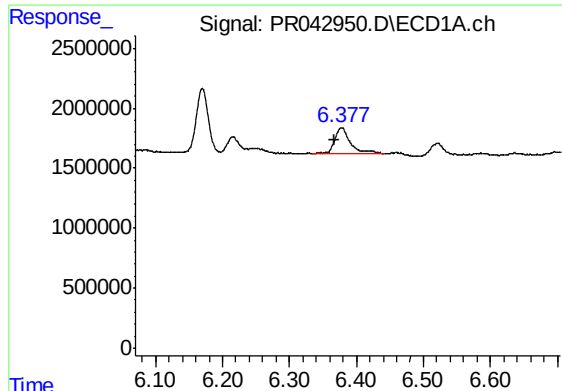
#6 AR-1016-4

R.T.: 0.000 min  
Exp R.T. : 6.073 min  
Response: 0  
Conc: N.D.



#6 AR-1016-4

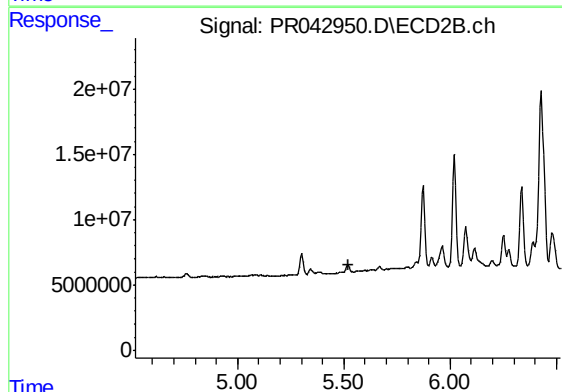
R.T.: 5.301 min  
Delta R.T.: -0.002 min  
Response: 17516620  
Conc: 63.90 ng/ml



#7 AR-1016-5

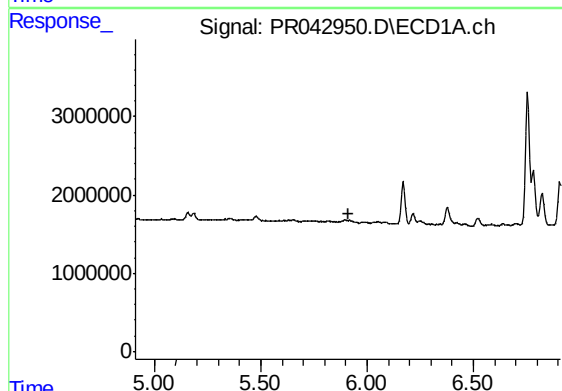
R.T.: 6.378 min  
Delta R.T.: 0.011 min  
Response: 3472223  
Conc: 28.04 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
1ADL



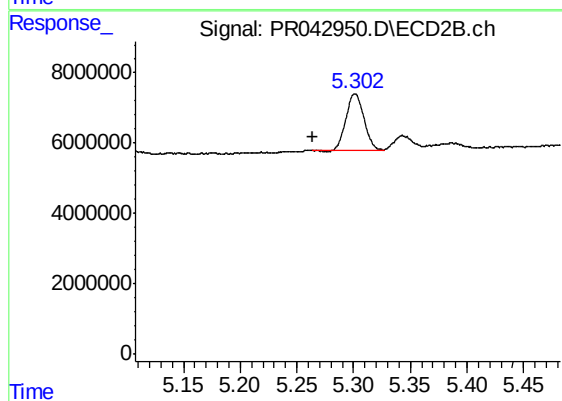
#7 AR-1016-5

R.T.: 0.000 min  
Exp R.T. : 5.520 min  
Response: 0  
Conc: N.D.



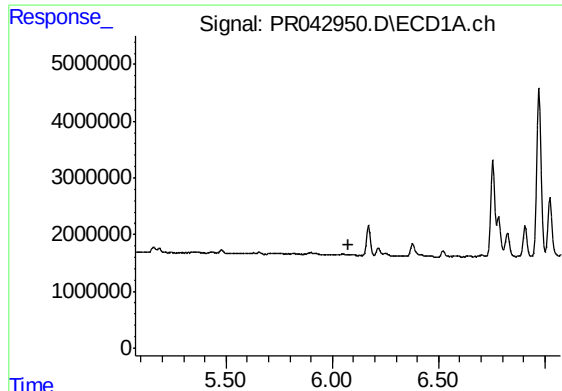
#13 AR-1232-3

R.T.: 0.000 min  
Exp R.T. : 5.910 min  
Response: 0  
Conc: N.D.



#13 AR-1232-3

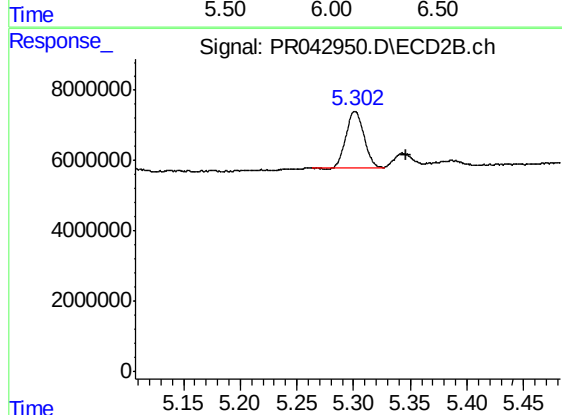
R.T.: 5.301 min  
Delta R.T.: 0.037 min  
Response: 17516620  
Conc: 67.70 ng/ml



#14 AR-1232-4

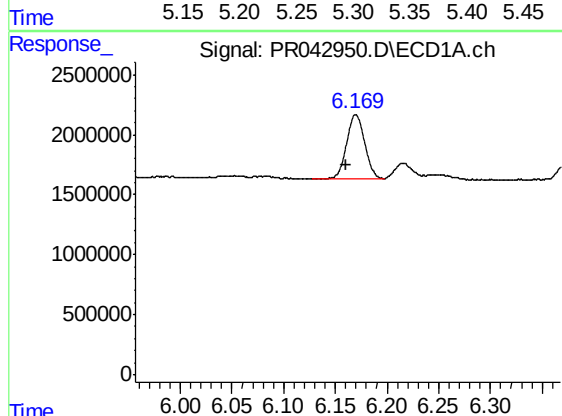
R.T.: 0.000 min  
Exp R.T. : 6.074 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
1ADL



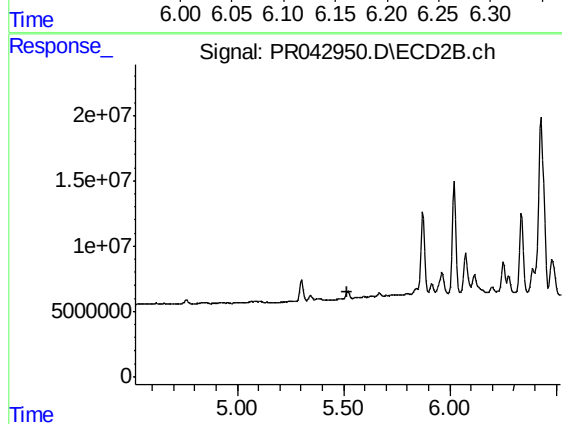
#14 AR-1232-4

R.T.: 5.301 min  
Delta R.T.: -0.045 min  
Response: 17516620  
Conc: 87.18 ng/ml



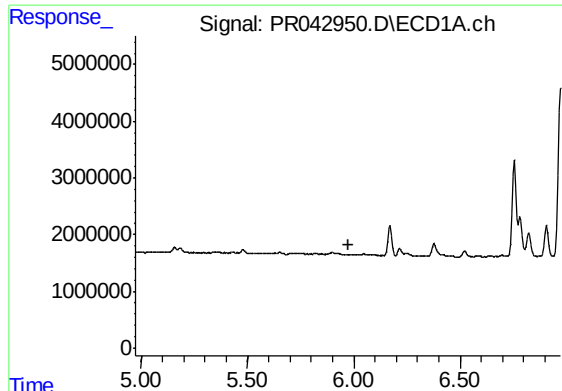
#15 AR-1232-5

R.T.: 6.170 min  
Delta R.T.: 0.010 min  
Response: 6424559  
Conc: 99.19 ng/ml



#15 AR-1232-5

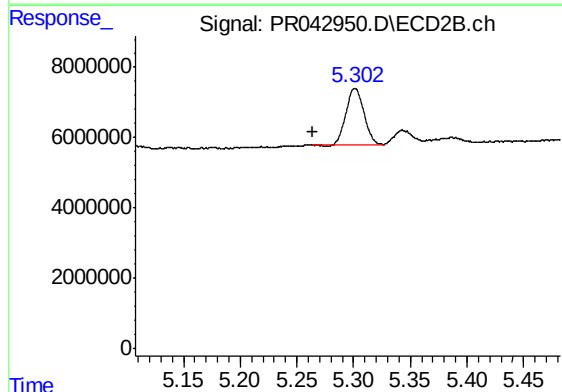
R.T.: 0.000 min  
Exp R.T. : 5.520 min  
Response: 0  
Conc: N.D.



#18 AR-1242-3

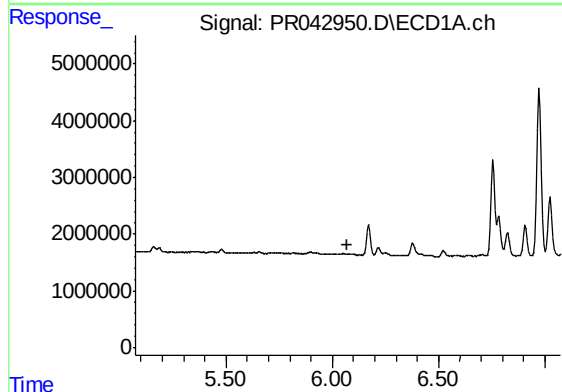
R.T.: 0.000 min  
Exp R.T.: 5.973 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_R  
ClientSampleId :  
1ADL



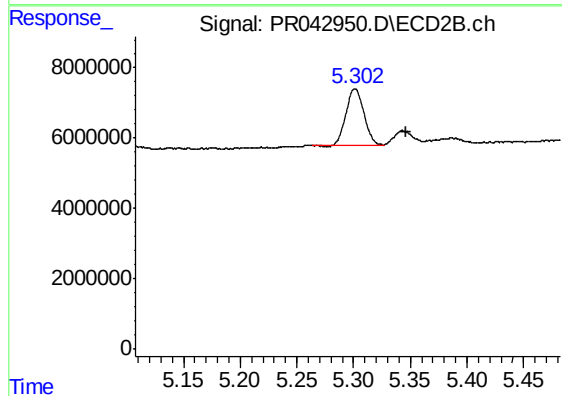
#18 AR-1242-3

R.T.: 5.301 min  
Delta R.T.: 0.037 min  
Response: 17516620  
Conc: 64.49 ng/ml



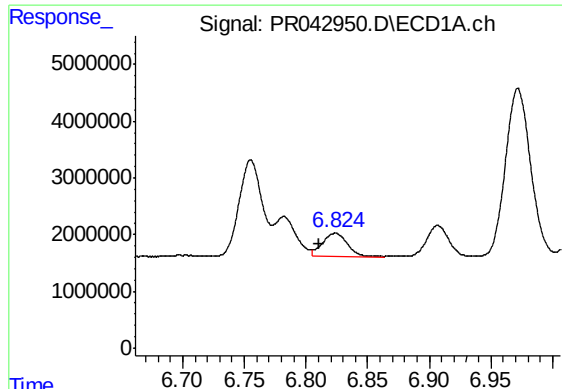
#19 AR-1242-4

R.T.: 0.000 min  
Exp R.T.: 6.073 min  
Response: 0  
Conc: N.D.



#19 AR-1242-4

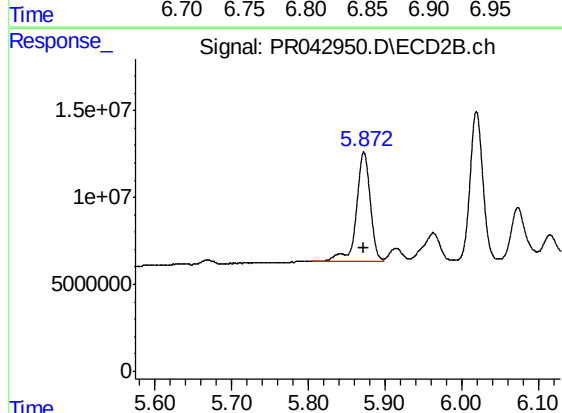
R.T.: 5.301 min  
Delta R.T.: -0.045 min  
Response: 17516620  
Conc: 74.32 ng/ml



#20 AR-1242-5

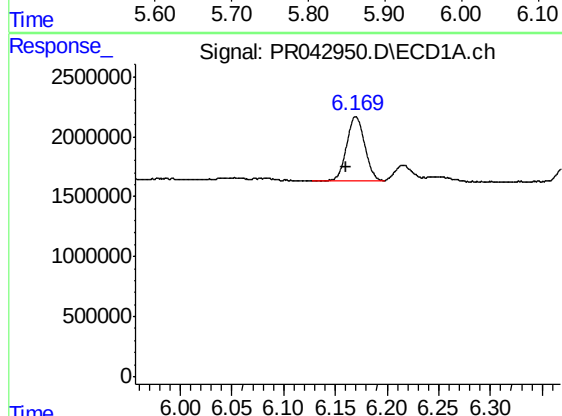
R.T.: 6.824 min  
Delta R.T.: 0.013 min  
Response: 5786507  
Conc: 57.89 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
1ADL



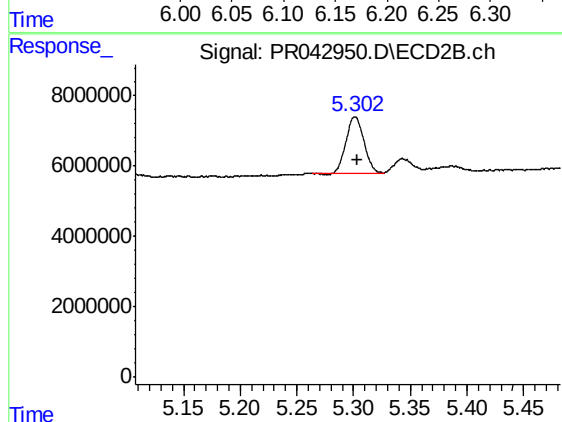
#20 AR-1242-5

R.T.: 5.873 min  
Delta R.T.: 0.000 min  
Response: 78506839  
Conc: 266.19 ng/ml



#22 AR-1248-2

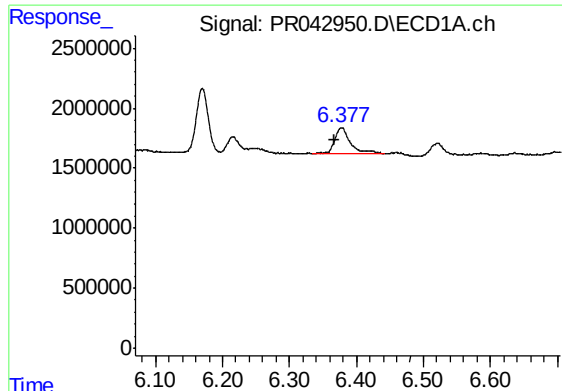
R.T.: 6.170 min  
Delta R.T.: 0.010 min  
Response: 6424559  
Conc: 48.75 ng/ml



#22 AR-1248-2

R.T.: 5.301 min  
Delta R.T.: -0.002 min  
Response: 17516620  
Conc: 52.78 ng/ml

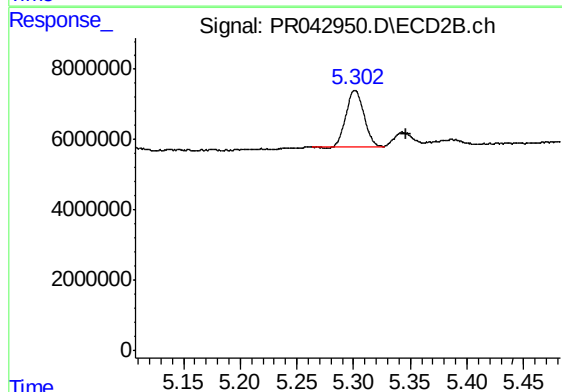




#23 AR-1248-3

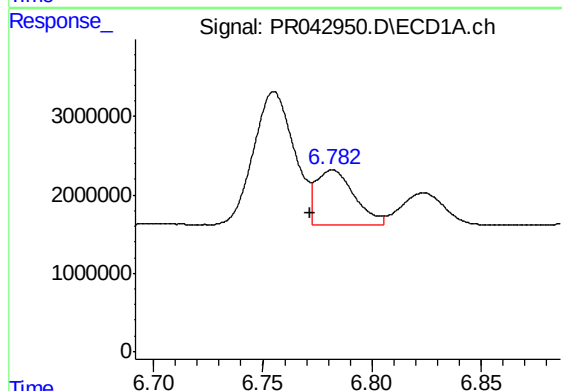
R.T.: 6.378 min  
Delta R.T.: 0.011 min  
Response: 3472223  
Conc: 23.45 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
1ADL



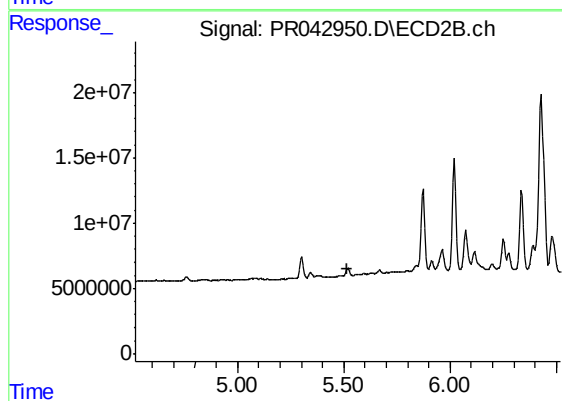
#23 AR-1248-3

R.T.: 5.301 min  
Delta R.T.: -0.045 min  
Response: 17516620  
Conc: 53.38 ng/ml



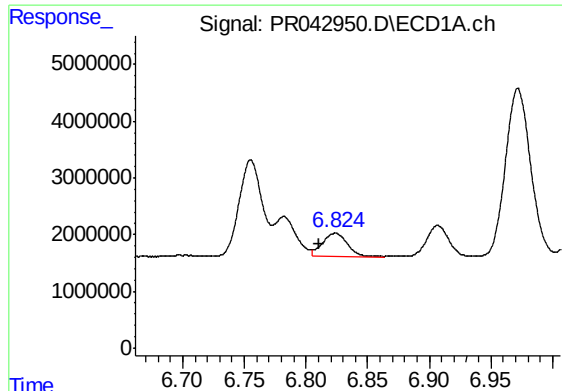
#24 AR-1248-4

R.T.: 6.782 min  
Delta R.T.: 0.010 min  
Response: 8608575  
Conc: 50.41 ng/ml



#24 AR-1248-4

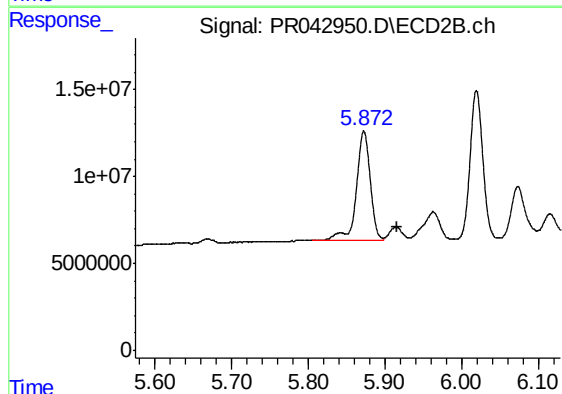
R.T.: 0.000 min  
Exp R.T. : 5.520 min  
Response: 0  
Conc: N.D.



#25 AR-1248-5

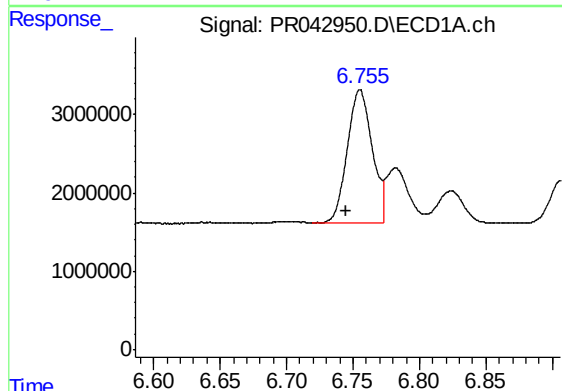
R.T.: 6.824 min  
Delta R.T.: 0.013 min  
Response: 5786507  
Conc: 35.68 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
1ADL



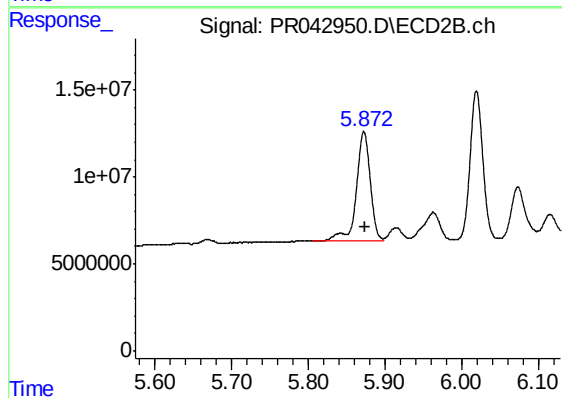
#25 AR-1248-5

R.T.: 5.873 min  
Delta R.T.: -0.043 min  
Response: 78506839  
Conc: 202.52 ng/ml



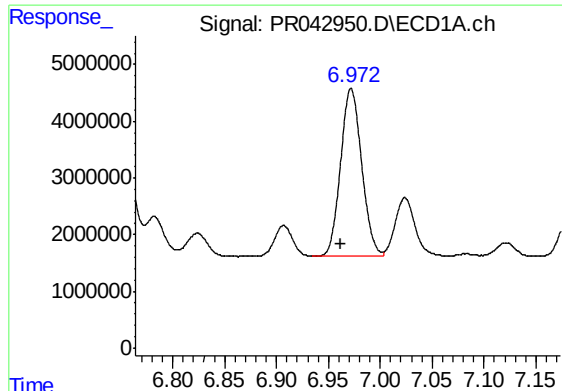
#26 AR-1254-1

R.T.: 6.755 min  
Delta R.T.: 0.010 min  
Response: 22252694  
Conc: 119.21 ng/ml



#26 AR-1254-1

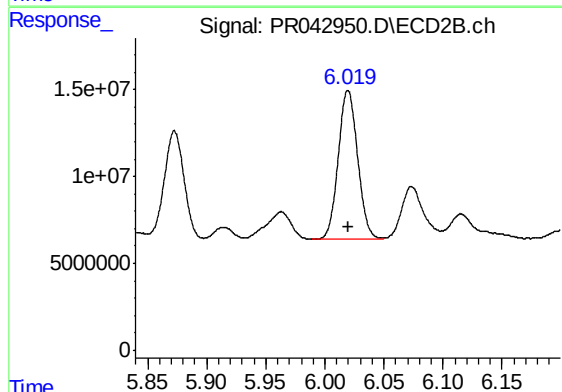
R.T.: 5.873 min  
Delta R.T.: -0.001 min  
Response: 78506839  
Conc: 124.58 ng/ml



#27 AR-1254-2

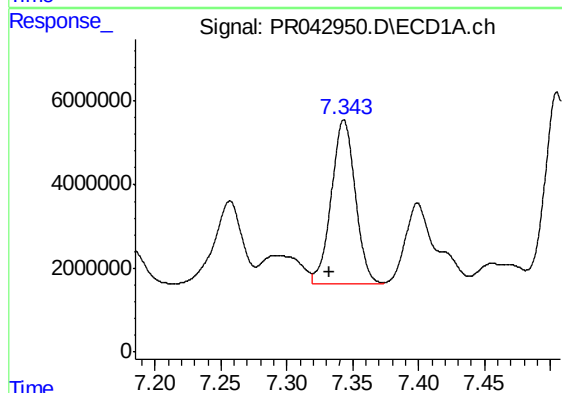
R.T.: 6.972 min  
Delta R.T.: 0.009 min  
Response: 42139776  
Conc: 144.36 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
1ADL



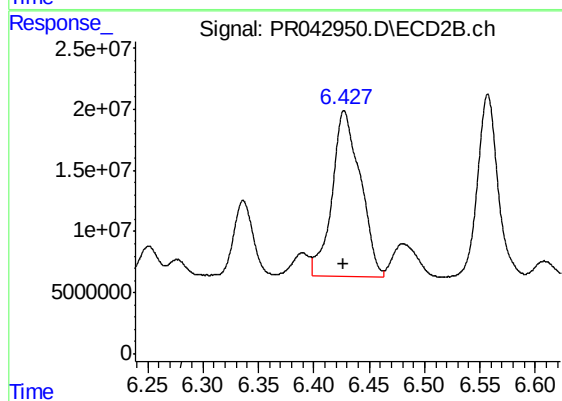
#27 AR-1254-2

R.T.: 6.020 min  
Delta R.T.: 0.000 min  
Response: 98090813  
Conc: 167.90 ng/ml



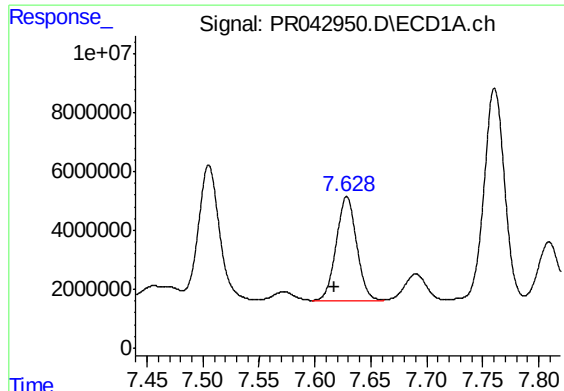
#28 AR-1254-3

R.T.: 7.343 min  
Delta R.T.: 0.011 min  
Response: 49906488  
Conc: 158.47 ng/ml



#28 AR-1254-3

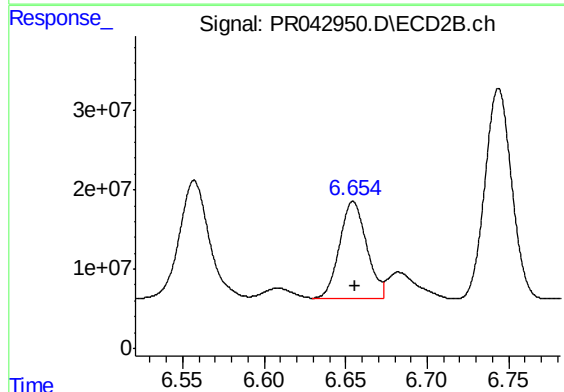
R.T.: 6.427 min  
Delta R.T.: 0.000 min  
Response: 240553085  
Conc: 233.78 ng/ml



#29 AR-1254-4

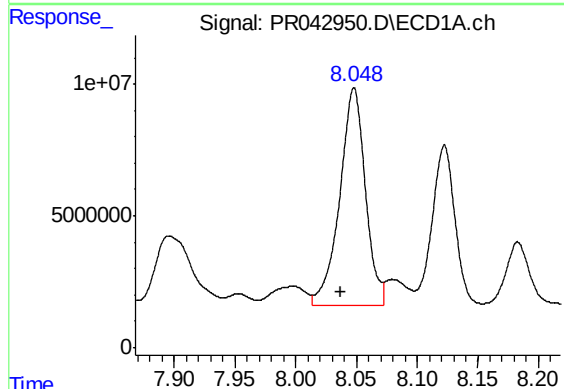
R.T.: 7.629 min  
Delta R.T.: 0.011 min  
Response: 44887964  
Conc: 191.52 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
1ADL



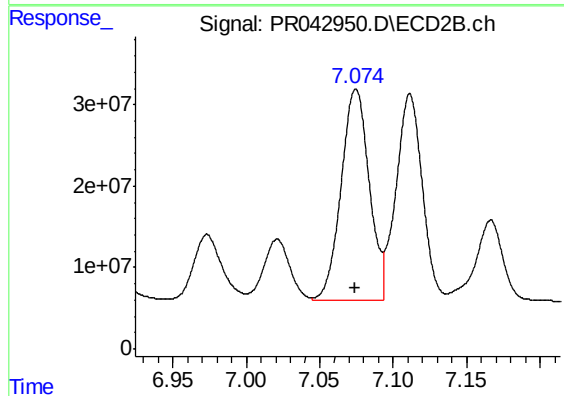
#29 AR-1254-4

R.T.: 6.655 min  
Delta R.T.: 0.000 min  
Response: 142657985  
Conc: 187.07 ng/ml



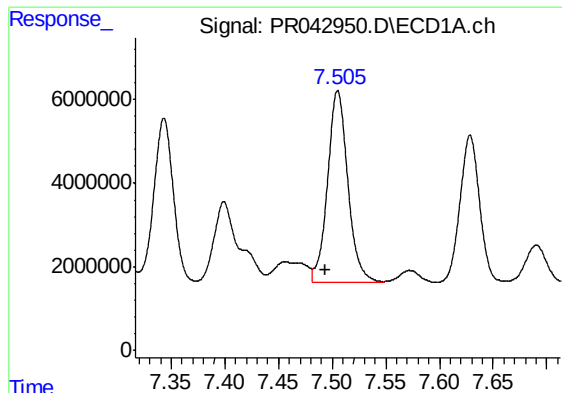
#30 AR-1254-5

R.T.: 8.048 min  
Delta R.T.: 0.011 min  
Response: 121093931  
Conc: 481.64 ng/ml



#30 AR-1254-5

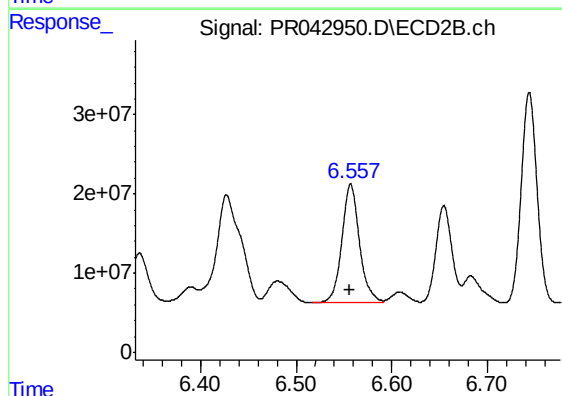
R.T.: 7.075 min  
Delta R.T.: 0.000 min  
Response: 346237734  
Conc: 375.60 ng/ml



#31 AR-1260-1

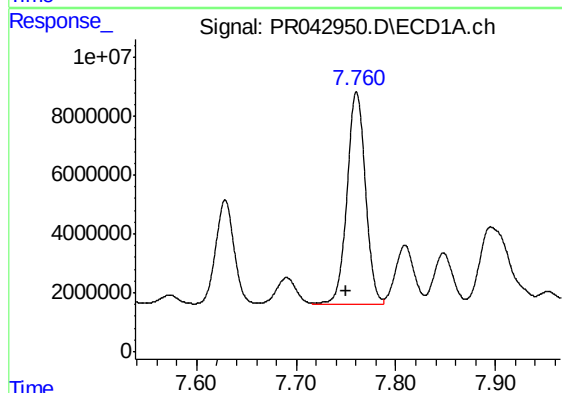
R.T.: 7.505 min  
Delta R.T.: 0.011 min  
Response: 60699639  
Conc: 291.96 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
1ADL



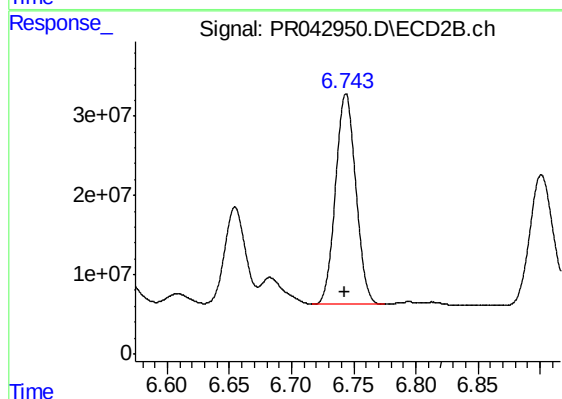
#31 AR-1260-1

R.T.: 6.557 min  
Delta R.T.: 0.000 min  
Response: 190969589  
Conc: 315.08 ng/ml



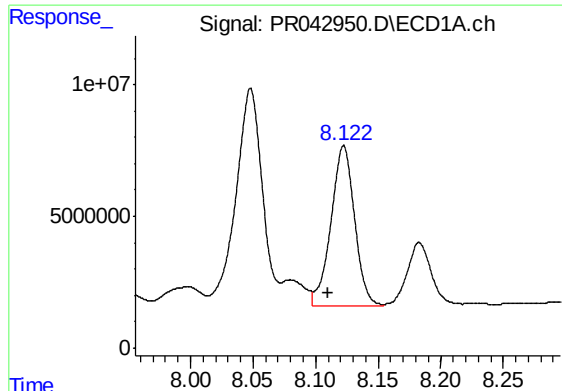
#32 AR-1260-2

R.T.: 7.760 min  
Delta R.T.: 0.011 min  
Response: 92304116  
Conc: 377.55 ng/ml



#32 AR-1260-2

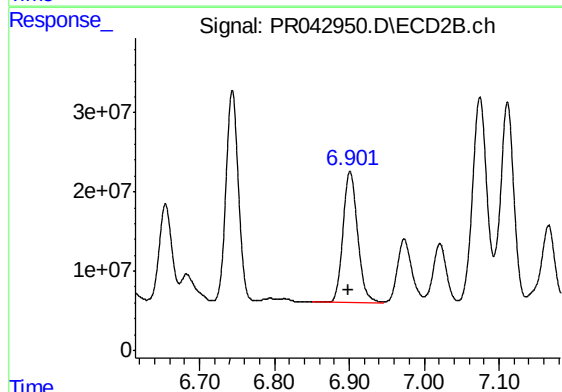
R.T.: 6.744 min  
Delta R.T.: 0.000 min  
Response: 302737517  
Conc: 350.11 ng/ml



#33 AR-1260-3

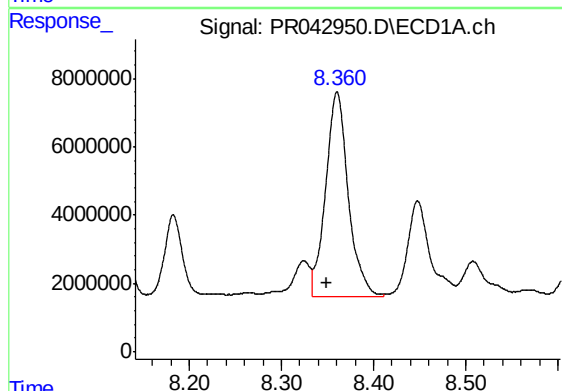
R.T.: 8.122 min  
Delta R.T.: 0.012 min  
Response: 79325597  
Conc: 438.83 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
1ADL



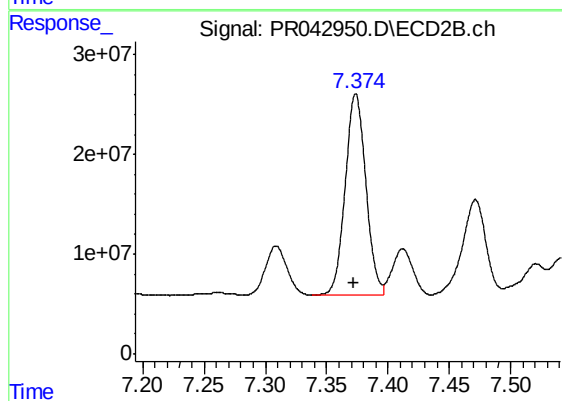
#33 AR-1260-3

R.T.: 6.901 min  
Delta R.T.: 0.002 min  
Response: 223319108  
Conc: 314.45 ng/ml



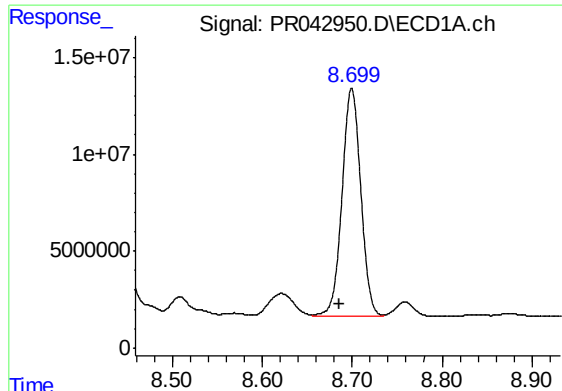
#34 AR-1260-4

R.T.: 8.360 min  
Delta R.T.: 0.011 min  
Response: 101942045  
Conc: 488.48 ng/ml



#34 AR-1260-4

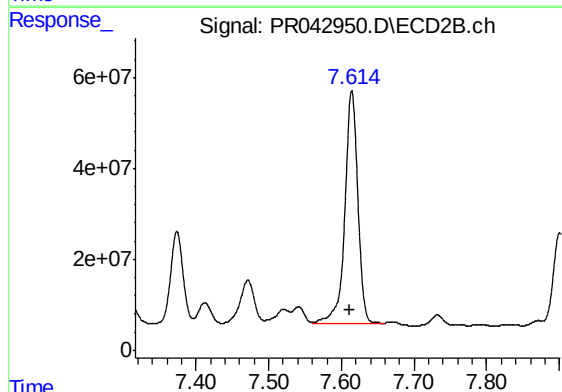
R.T.: 7.374 min  
Delta R.T.: 0.001 min  
Response: 237287765  
Conc: 406.44 ng/ml



#35 AR-1260-5

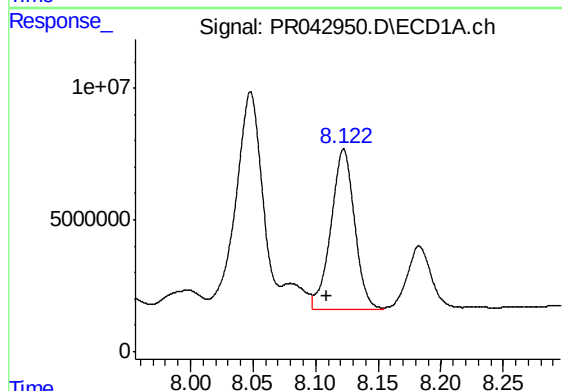
R.T.: 8.700 min  
Delta R.T.: 0.013 min  
Response: 171737115  
Conc: 414.22 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
1ADL



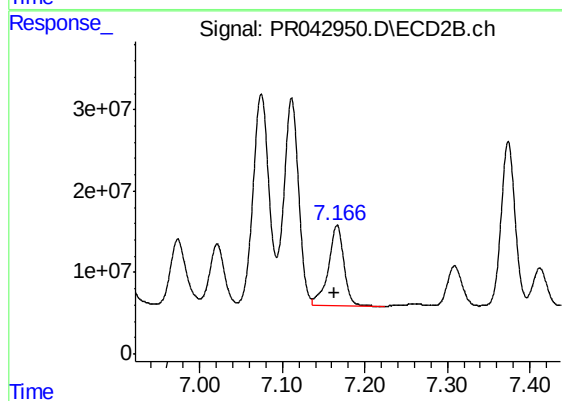
#35 AR-1260-5

R.T.: 7.614 min  
Delta R.T.: 0.002 min  
Response: 634874804  
Conc: 393.52 ng/ml



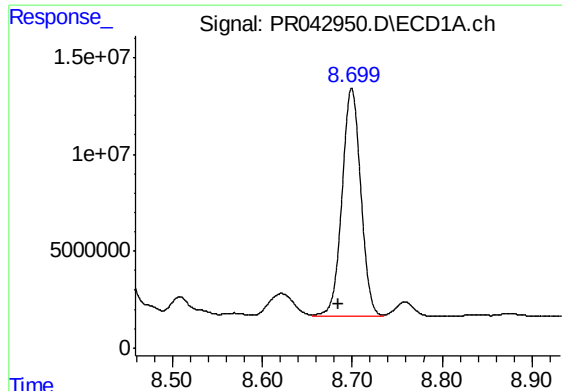
#36 AR-1262-1

R.T.: 8.122 min  
Delta R.T.: 0.013 min  
Response: 79325597  
Conc: 268.82 ng/ml



#36 AR-1262-1

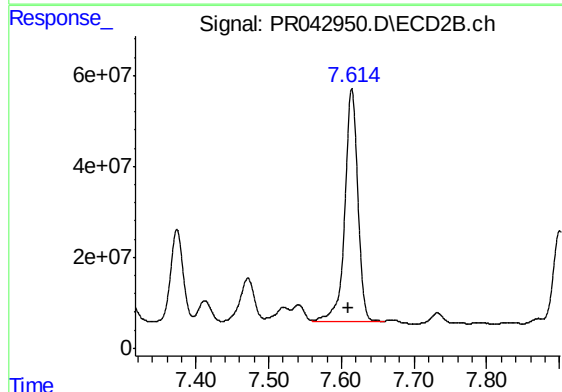
R.T.: 7.166 min  
Delta R.T.: 0.003 min  
Response: 131211435  
Conc: 302.02 ng/ml



#37 AR-1262-2

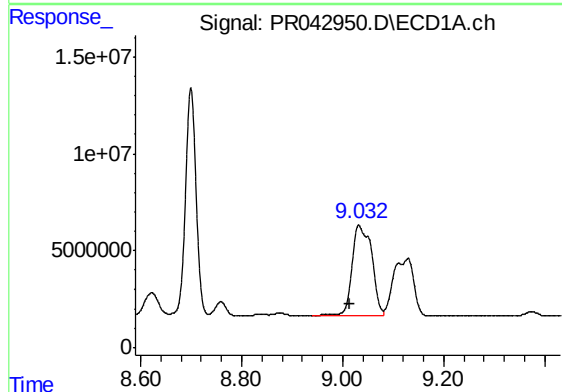
R.T.: 8.700 min  
Delta R.T.: 0.015 min  
Response: 171737115  
Conc: 308.37 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
1ADL



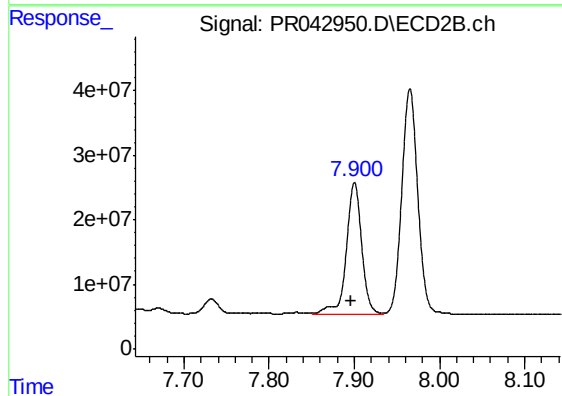
#37 AR-1262-2

R.T.: 7.614 min  
Delta R.T.: 0.004 min  
Response: 634874804  
Conc: 303.78 ng/ml



#38 AR-1262-3

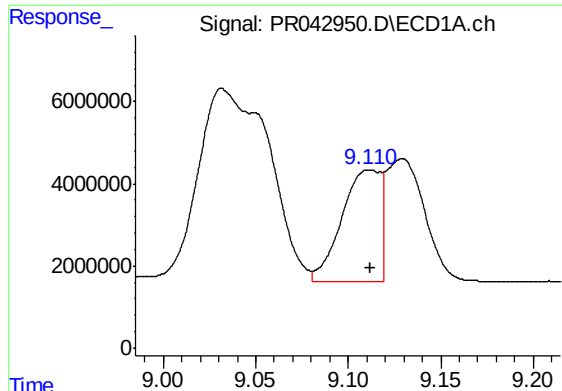
R.T.: 9.032 min  
Delta R.T.: 0.016 min  
Response: 127785723  
Conc: 357.58 ng/ml



#38 AR-1262-3

R.T.: 7.900 min  
Delta R.T.: 0.005 min  
Response: 257708913  
Conc: 307.28 ng/ml

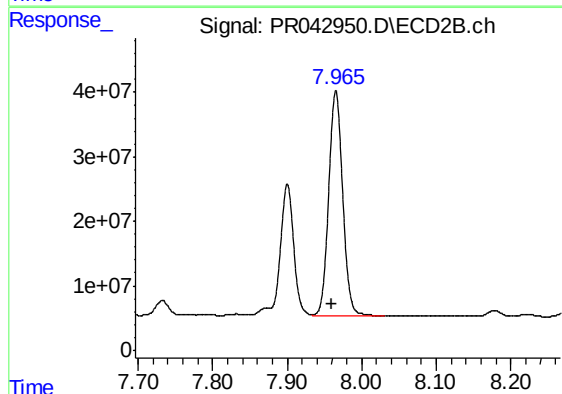




#39 AR-1262-4

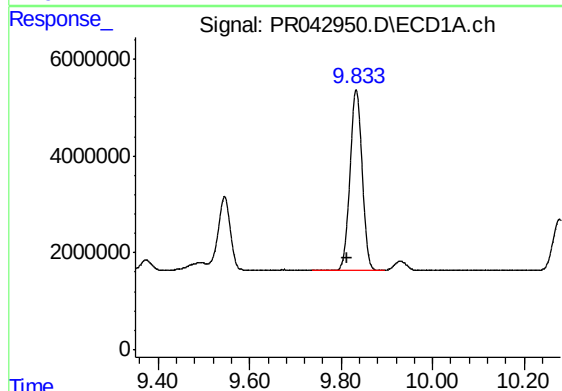
R.T.: 9.111 min  
Delta R.T.: 0.000 min  
Response: 39493537  
Conc: 291.47 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
1ADL



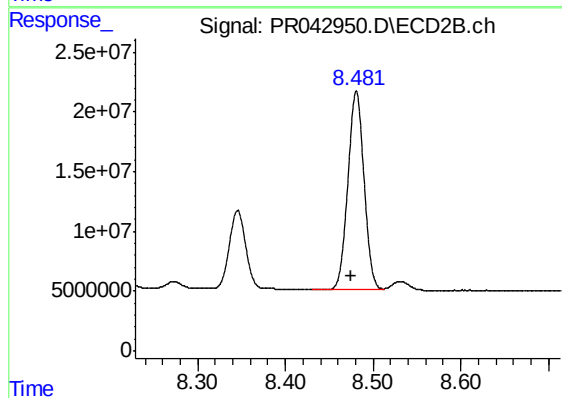
#39 AR-1262-4

R.T.: 7.965 min  
Delta R.T.: 0.005 min  
Response: 455936264  
Conc: 323.21 ng/ml



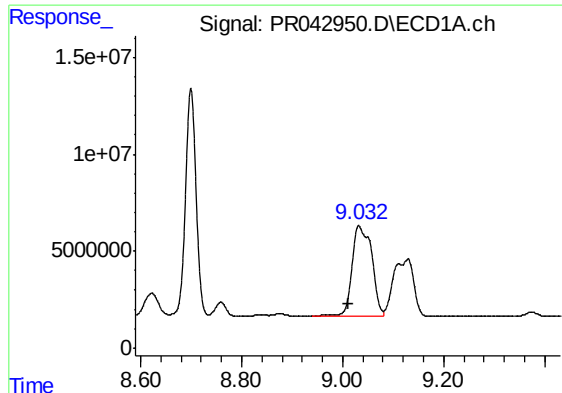
#40 AR-1262-5

R.T.: 9.833 min  
Delta R.T.: 0.018 min  
Response: 69235981  
Conc: 378.01 ng/ml



#40 AR-1262-5

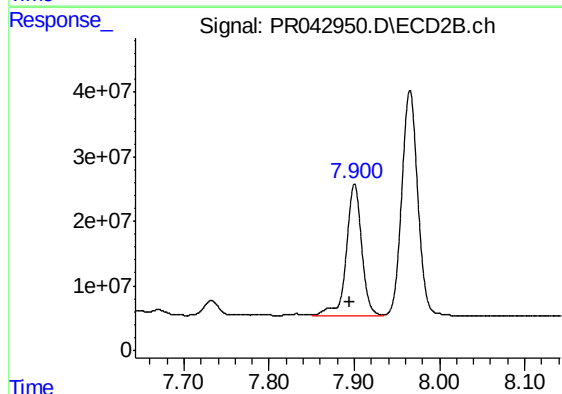
R.T.: 8.481 min  
Delta R.T.: 0.006 min  
Response: 211041433  
Conc: 324.28 ng/ml



#41 AR-1268-1

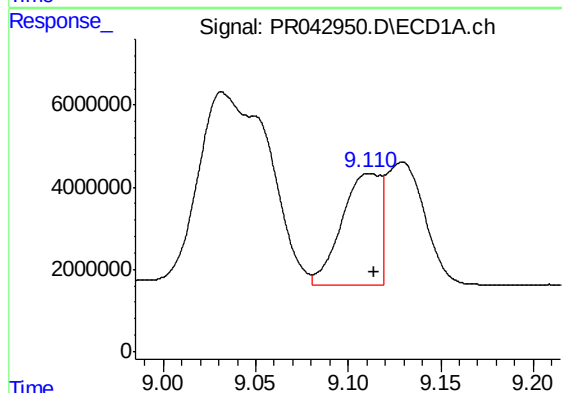
R.T.: 9.032 min  
Delta R.T.: 0.019 min  
Response: 127785723  
Conc: 201.37 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
1ADL



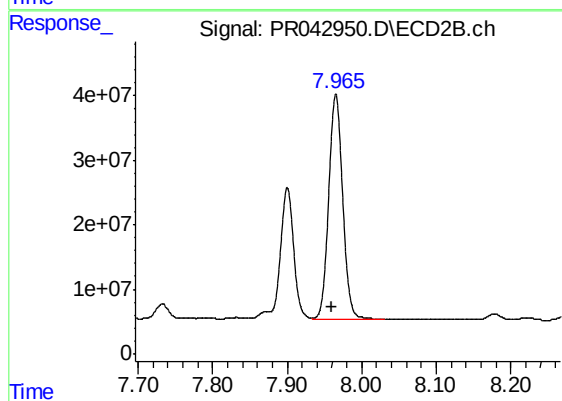
#41 AR-1268-1

R.T.: 7.900 min  
Delta R.T.: 0.006 min  
Response: 257708913  
Conc: 106.13 ng/ml



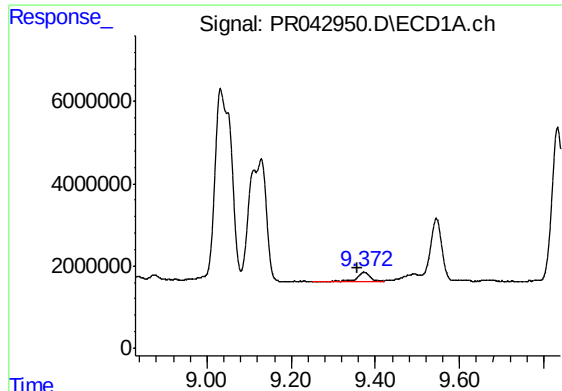
#42 AR-1268-2

R.T.: 9.111 min  
Delta R.T.: -0.003 min  
Response: 39493537  
Conc: 68.60 ng/ml



#42 AR-1268-2

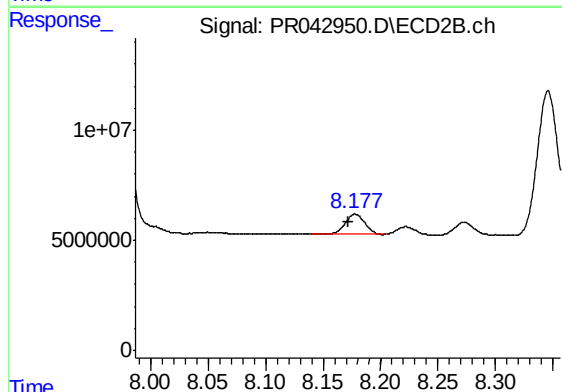
R.T.: 7.965 min  
Delta R.T.: 0.005 min  
Response: 455936264  
Conc: 212.22 ng/ml



#43 AR-1268-3

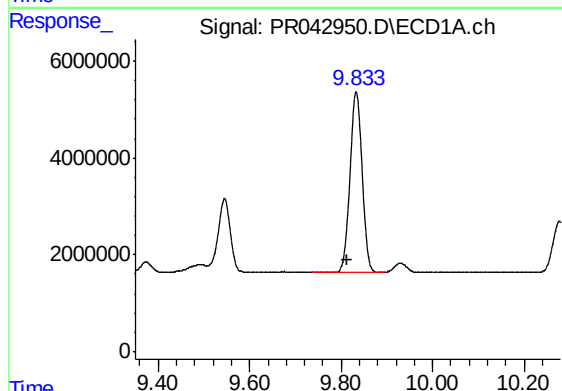
R.T.: 9.373 min  
Delta R.T.: 0.017 min  
Response: 4077874  
Conc: 8.65 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
1ADL



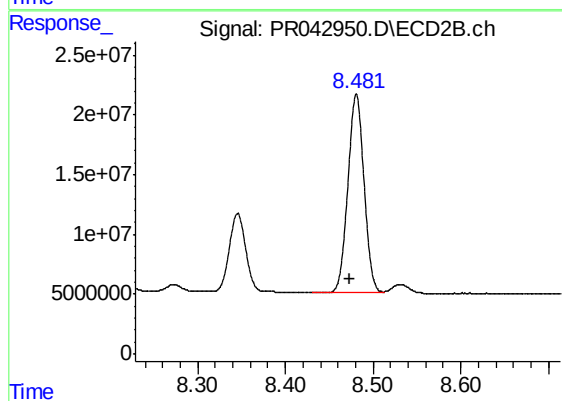
#43 AR-1268-3

R.T.: 8.178 min  
Delta R.T.: 0.006 min  
Response: 10901837  
Conc: 6.01 ng/ml



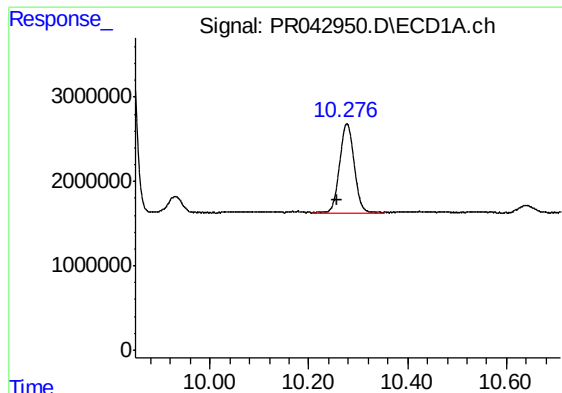
#44 AR-1268-4

R.T.: 9.833 min  
Delta R.T.: 0.020 min  
Response: 69235981  
Conc: 337.40 ng/ml



#44 AR-1268-4

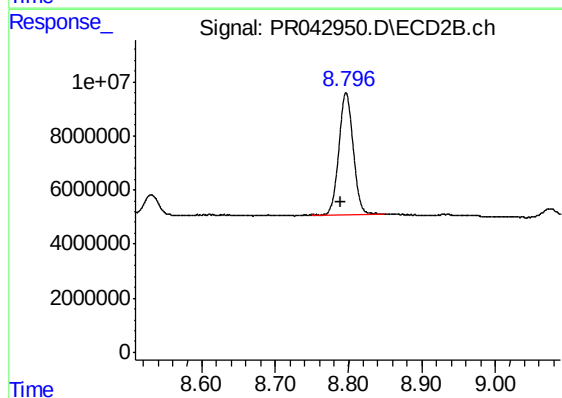
R.T.: 8.481 min  
Delta R.T.: 0.007 min  
Response: 211041433  
Conc: 291.11 ng/ml



#45 AR-1268-5

R.T.: 10.277 min  
Delta R.T.: 0.021 min  
Response: 21566763  
Conc: 13.78 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
1ADL



#45 AR-1268-5

R.T.: 8.797 min  
Delta R.T.: 0.008 min  
Response: 60652868  
Conc: 11.77 ng/ml