

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Data\PR110719\  
 Data File : PR042963.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Nov 2019 18:48  
 Operator : SM\AJ  
 Sample : K5685-20DL 10X  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_R  
 ClientSampleId :  
 14ADL

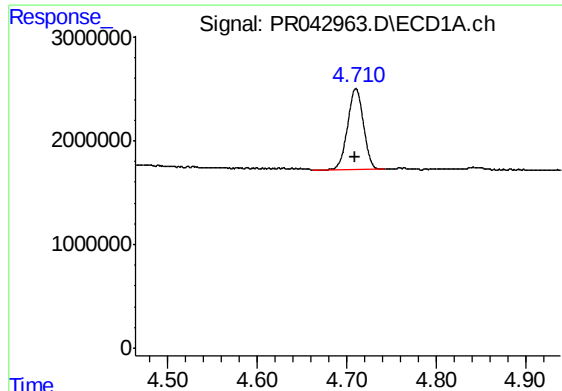
Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 07 00:21:52 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_R\Method\PR110119.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Nov 01 09:55:27 2019  
 Response via : Initial Calibration  
 Integrator: 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... | 4.710  | 3.972 | 9558390  | 36000651 | 1.622   | 1.795     |
| 2)                          | SA Decachlor... | 10.622 | 0.000 | 3993998  | 0        | 0.998   | N.D. #    |
| Target Compounds            |                 |        |       |          |          |         |           |
| 3)                          | L1 AR-1016-1    | 5.835  | 0.000 | 416423   | 0        | 2.321   | N.D. #    |
| 7)                          | L1 AR-1016-5    | 6.364  | 0.000 | 885323   | 0        | 7.149   | N.D. #    |
| 15)                         | L3 AR-1232-5    | 6.160  | 0.000 | 1539921  | 0        | 23.775  | N.D. #    |
| 16)                         | L4 AR-1242-1    | 5.835  | 0.000 | 416423   | 0        | 3.266   | N.D. #    |
| 20)                         | L4 AR-1242-5    | 6.814  | 5.872 | 2624442  | 32007910 | 26.254  | 108.527 # |
| 21)                         | L5 AR-1248-1    | 5.835  | 0.000 | 416423   | 0        | 4.389   | N.D. #    |
| 22)                         | L5 AR-1248-2    | 6.160  | 0.000 | 1539921  | 0        | 11.685  | N.D. #    |
| 23)                         | L5 AR-1248-3    | 6.364  | 0.000 | 885323   | 0        | 5.978   | N.D. #    |
| 24)                         | L5 AR-1248-4    | 6.771  | 0.000 | 3878643  | 0        | 22.714  | N.D. #    |
| 25)                         | L5 AR-1248-5    | 6.814  | 5.872 | 2624442  | 32007910 | 16.183  | 82.570 #  |
| 26)                         | L6 AR-1254-1    | 6.745  | 5.872 | 9414020  | 32007910 | 50.432  | 50.792    |
| 27)                         | L6 AR-1254-2    | 6.960  | 6.019 | 27960069 | 63989639 | 95.783  | 109.528   |
| 28)                         | L6 AR-1254-3    | 7.332  | 6.427 | 31734642 | 175.2E6  | 100.766 | 170.245 # |
| 29)                         | L6 AR-1254-4    | 7.617  | 6.653 | 36960033 | 132.1E6  | 157.697 | 173.269   |
| 30)                         | L6 AR-1254-5    | 8.037  | 7.072 | 101.9E6  | 298.7E6  | 405.190 | 324.029   |
| 31)                         | L7 AR-1260-1    | 7.494  | 6.557 | 49544044 | 140.8E6  | 238.301 | 232.361   |
| 32)                         | L7 AR-1260-2    | 7.750  | 6.742 | 82370499 | 299.3E6  | 336.917 | 346.153   |
| 33)                         | L7 AR-1260-3    | 8.110  | 6.899 | 74557578 | 190.6E6  | 412.453 | 268.320 # |
| 34)                         | L7 AR-1260-4    | 8.348  | 7.371 | 84023294 | 193.7E6  | 402.620 | 331.789   |
| 35)                         | L7 AR-1260-5    | 8.686  | 7.611 | 130.4E6  | 536.7E6  | 314.491 | 332.665   |
| 36)                         | L8 AR-1262-1    | 8.110  | 7.163 | 74557578 | 102.5E6  | 252.661 | 235.947   |
| 37)                         | L8 AR-1262-2    | 8.686  | 7.611 | 130.4E6  | 536.7E6  | 234.126 | 256.800   |
| 38)                         | L8 AR-1262-3    | 9.017  | 7.896 | 104.9E6  | 220.3E6  | 293.452 | 262.619   |
| 39)                         | L8 AR-1262-4    | 9.114  | 7.961 | 76772724 | 342.0E6  | 566.598 | 242.453 # |
| 40)                         | L8 AR-1262-5    | 9.817  | 8.476 | 51338223 | 163.4E6  | 280.292 | 251.062   |
| 41)                         | L9 AR-1268-1    | 9.017  | 7.896 | 104.9E6  | 220.3E6  | 165.255 | 90.705 #  |
| 42)                         | L9 AR-1268-2    | 9.114  | 7.961 | 76772724 | 342.0E6  | 133.362 | 159.198   |
| 43)                         | L9 AR-1268-3    | 9.360  | 0.000 | 3693754  | 0        | 7.838   | N.D. #    |
| 44)                         | L9 AR-1268-4    | 9.817  | 8.476 | 51338223 | 163.4E6  | 250.182 | 225.379   |
| 45)                         | L9 AR-1268-5    | 10.259 | 8.790 | 17282888 | 48898916 | 11.041  | 9.493     |
| -----                       |                 |        |       |          |          |         |           |

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

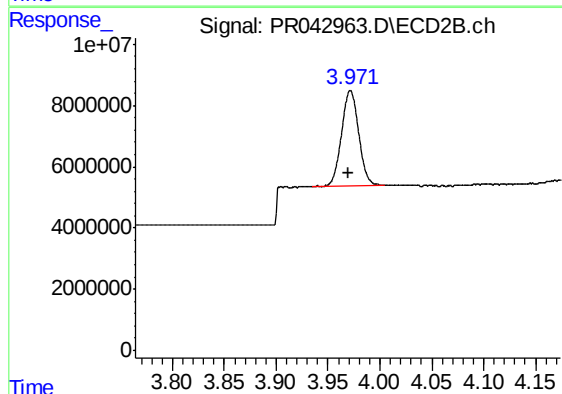




#1 Tetrachloro-m-xylene

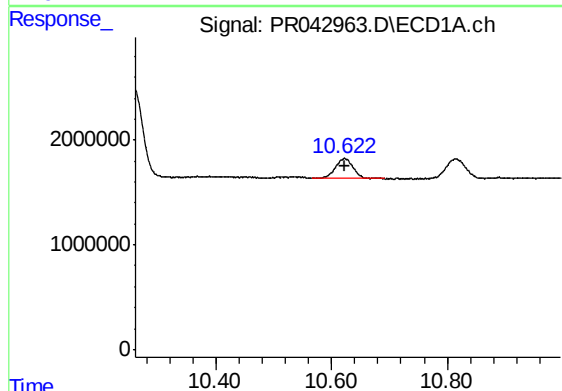
R.T.: 4.710 min  
Delta R.T.: 0.001 min  
Response: 9558390  
Conc: 1.62 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
14ADL



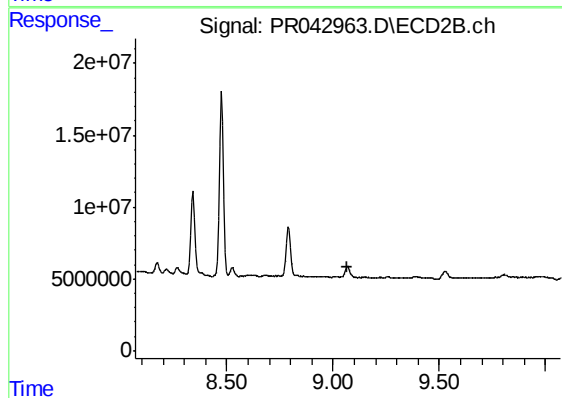
#1 Tetrachloro-m-xylene

R.T.: 3.972 min  
Delta R.T.: 0.002 min  
Response: 36000651  
Conc: 1.80 ng/ml



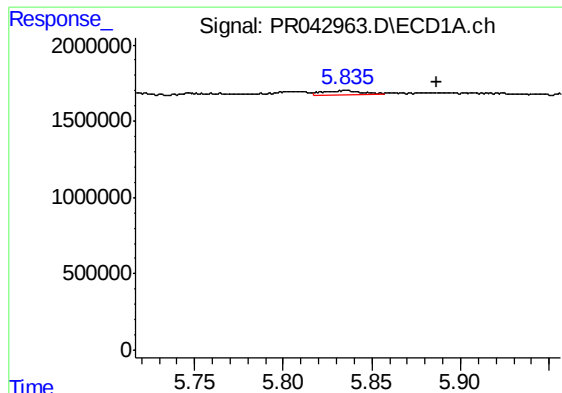
#2 Decachlorobiphenyl

R.T.: 10.622 min  
Delta R.T.: 0.000 min  
Response: 3993998  
Conc: 1.00 ng/ml



#2 Decachlorobiphenyl

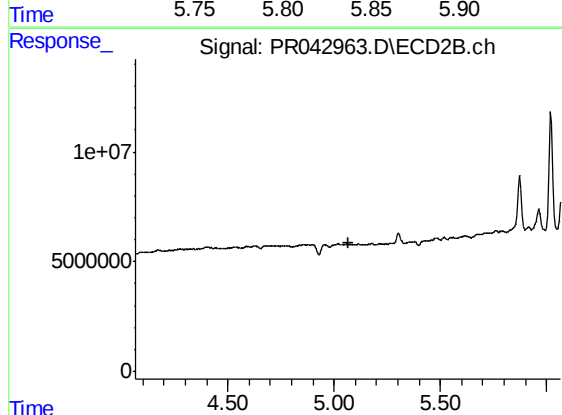
R.T.: 0.000 min  
Exp R.T. : 9.070 min  
Response: 0  
Conc: N.D.



#3 AR-1016-1

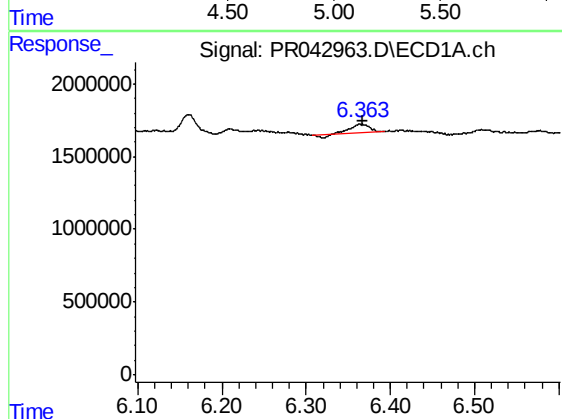
R.T.: 5.835 min  
Delta R.T.: -0.052 min  
Response: 416423  
Conc: 2.32 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
14ADL



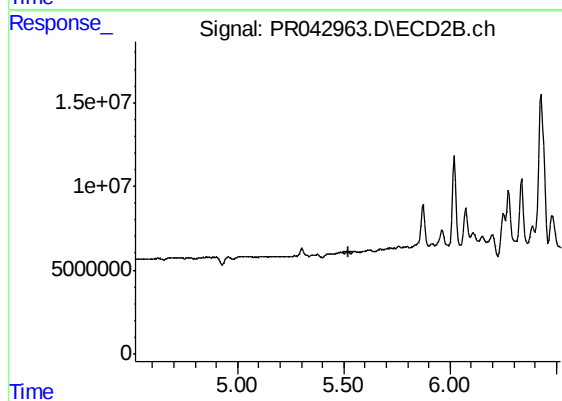
#3 AR-1016-1

R.T.: 0.000 min  
Exp R.T. : 5.065 min  
Response: 0  
Conc: N.D.



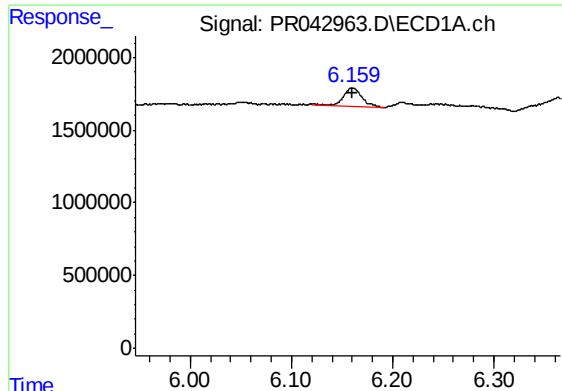
#7 AR-1016-5

R.T.: 6.364 min  
Delta R.T.: -0.003 min  
Response: 885323  
Conc: 7.15 ng/ml



#7 AR-1016-5

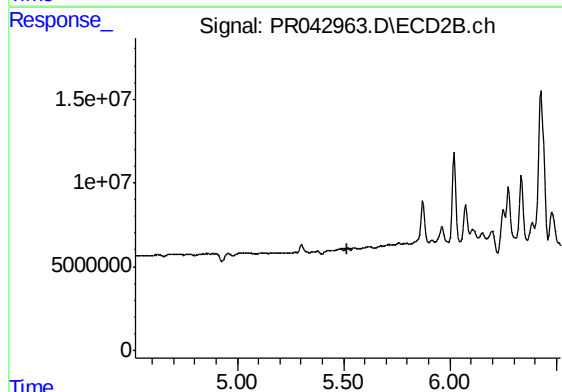
R.T.: 0.000 min  
Exp R.T. : 5.520 min  
Response: 0  
Conc: N.D.



#15 AR-1232-5

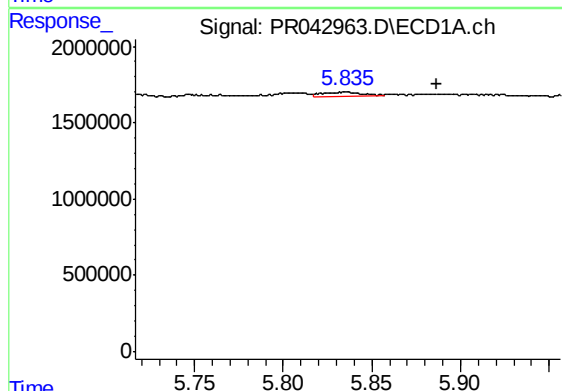
R.T.: 6.160 min  
Delta R.T.: 0.000 min  
Response: 1539921  
Conc: 23.77 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
14ADL



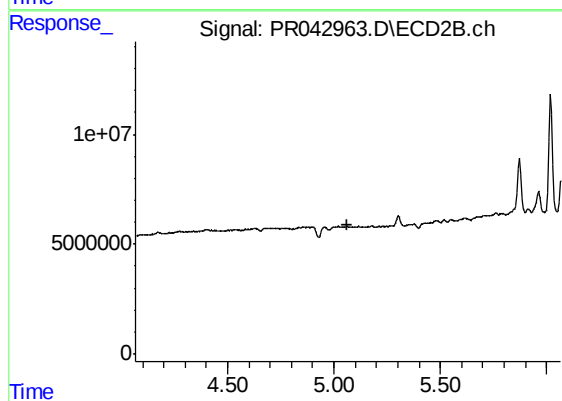
#15 AR-1232-5

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



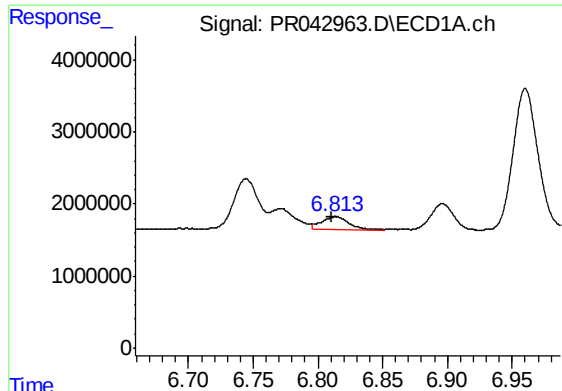
#16 AR-1242-1

R.T.: 5.835 min  
Delta R.T.: -0.052 min  
Response: 416423  
Conc: 3.27 ng/ml



#16 AR-1242-1

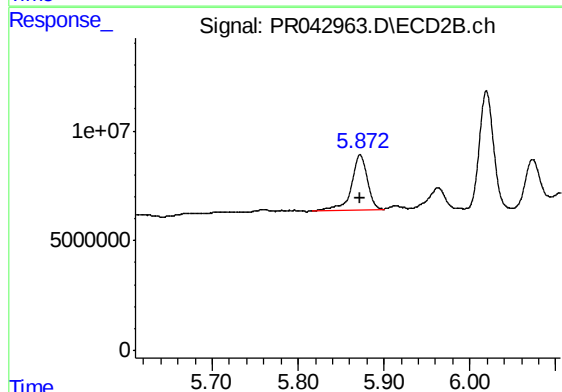
R.T.: 0.000 min  
Exp R.T. : 5.066 min  
Response: 0  
Conc: N.D.



#20 AR-1242-5

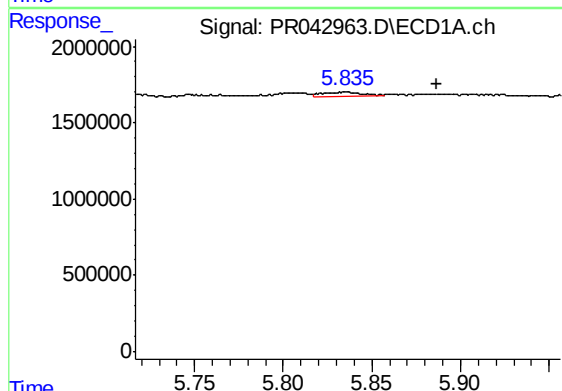
R.T.: 6.814 min  
Delta R.T.: 0.003 min  
Response: 2624442  
Conc: 26.25 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
14ADL



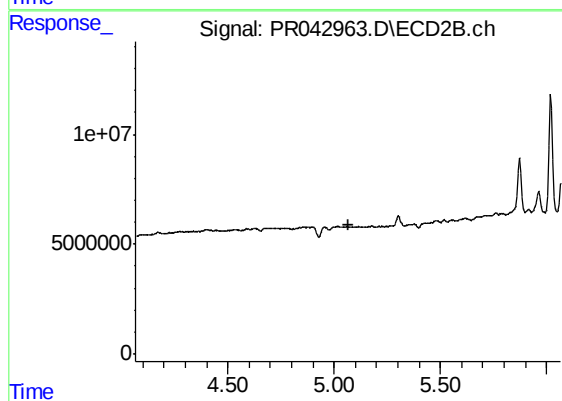
#20 AR-1242-5

R.T.: 5.872 min  
Delta R.T.: 0.000 min  
Response: 32007910  
Conc: 108.53 ng/ml



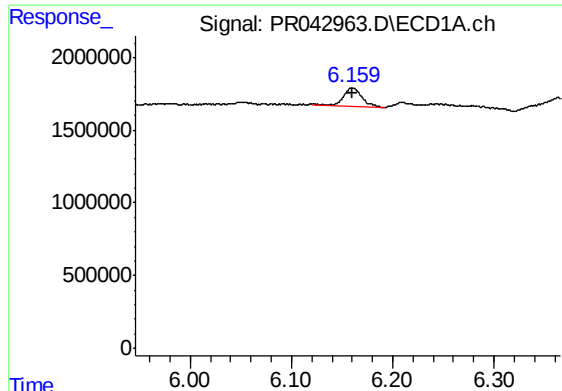
#21 AR-1248-1

R.T.: 5.835 min  
Delta R.T.: -0.052 min  
Response: 416423  
Conc: 4.39 ng/ml



#21 AR-1248-1

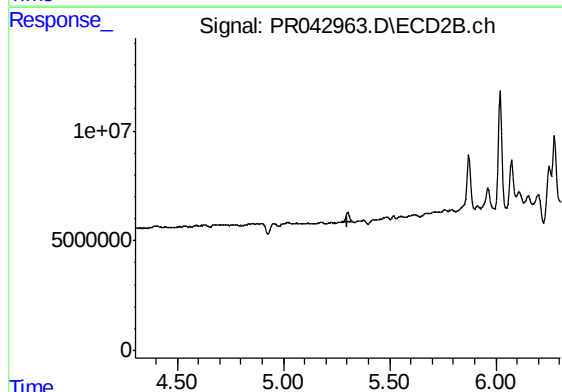
R.T.: 0.000 min  
Exp R.T. : 5.065 min  
Response: 0  
Conc: N.D.



#22 AR-1248-2

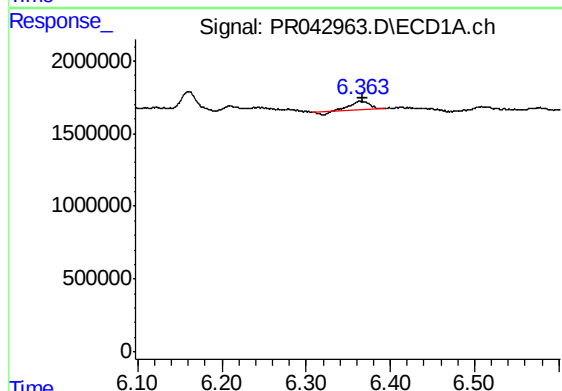
R.T.: 6.160 min  
Delta R.T.: 0.000 min  
Response: 1539921  
Conc: 11.68 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
14ADL



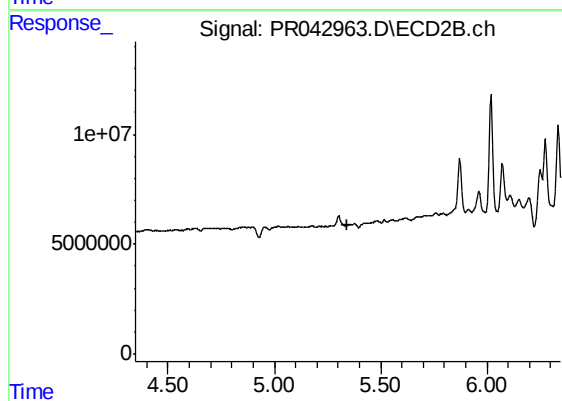
#22 AR-1248-2

R.T.: 0.000 min  
Exp R.T. : 5.303 min  
Response: 0  
Conc: N.D.



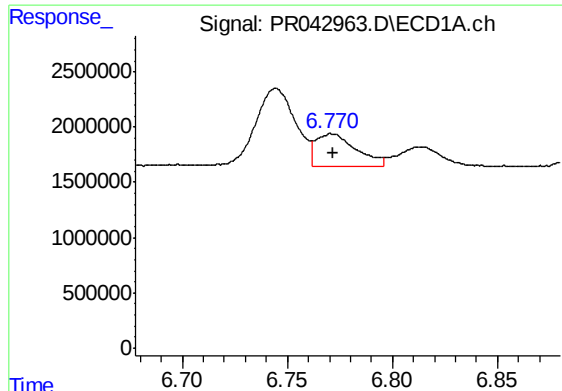
#23 AR-1248-3

R.T.: 6.364 min  
Delta R.T.: -0.003 min  
Response: 885323  
Conc: 5.98 ng/ml



#23 AR-1248-3

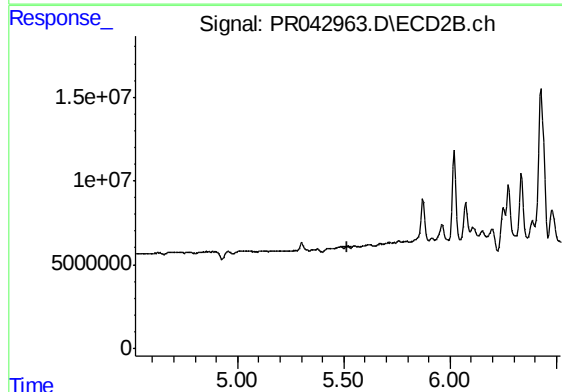
R.T.: 0.000 min  
Exp R.T. : 5.347 min  
Response: 0  
Conc: N.D.



#24 AR-1248-4

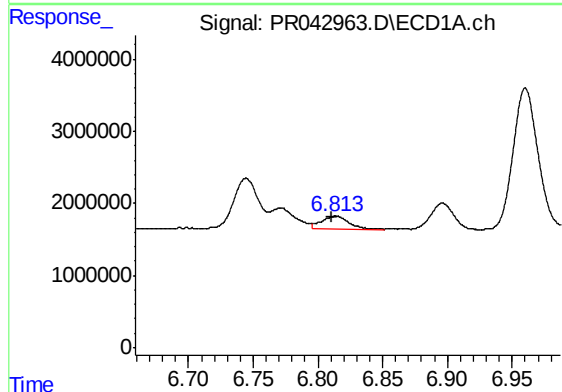
R.T.: 6.771 min  
Delta R.T.: 0.000 min  
Response: 3878643  
Conc: 22.71 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
14ADL



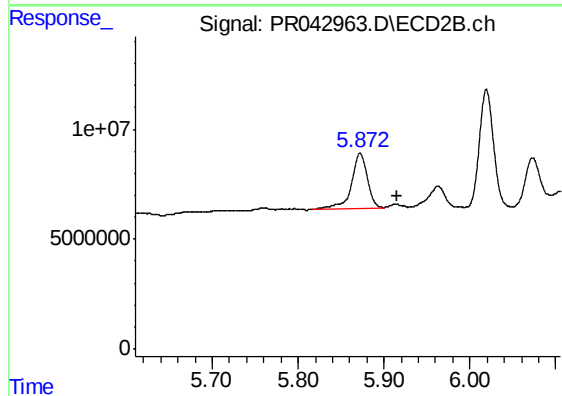
#24 AR-1248-4

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



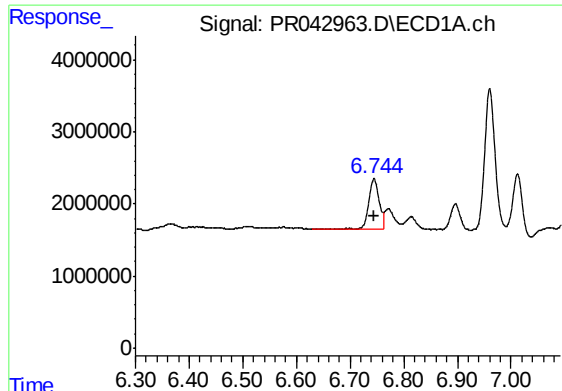
#25 AR-1248-5

R.T.: 6.814 min  
Delta R.T.: 0.003 min  
Response: 2624442  
Conc: 16.18 ng/ml



#25 AR-1248-5

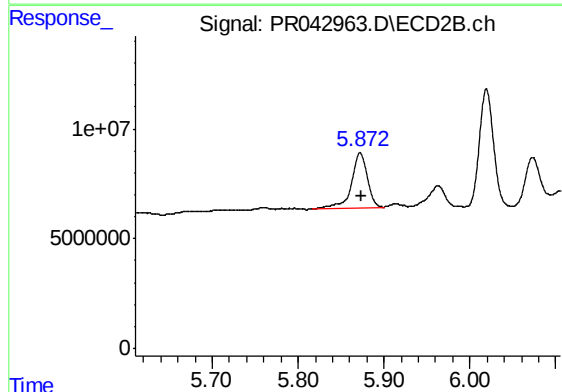
R.T.: 5.872 min  
Delta R.T.: -0.043 min  
Response: 32007910  
Conc: 82.57 ng/ml



#26 AR-1254-1

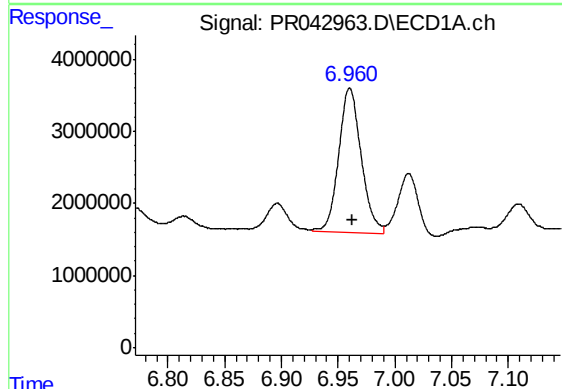
R.T.: 6.745 min  
Delta R.T.: 0.000 min  
Response: 9414020  
Conc: 50.43 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
14ADL



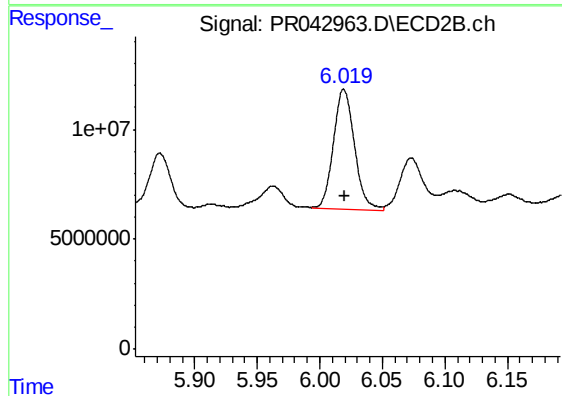
#26 AR-1254-1

R.T.: 5.872 min  
Delta R.T.: -0.002 min  
Response: 32007910  
Conc: 50.79 ng/ml



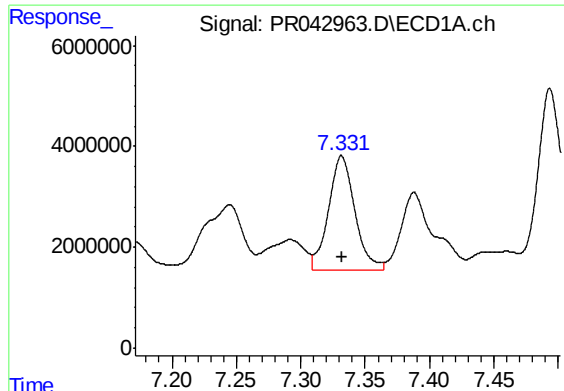
#27 AR-1254-2

R.T.: 6.960 min  
Delta R.T.: -0.002 min  
Response: 27960069  
Conc: 95.78 ng/ml



#27 AR-1254-2

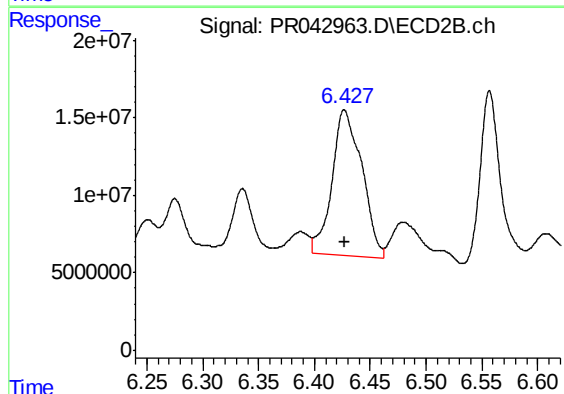
R.T.: 6.019 min  
Delta R.T.: 0.000 min  
Response: 63989639  
Conc: 109.53 ng/ml



#28 AR-1254-3

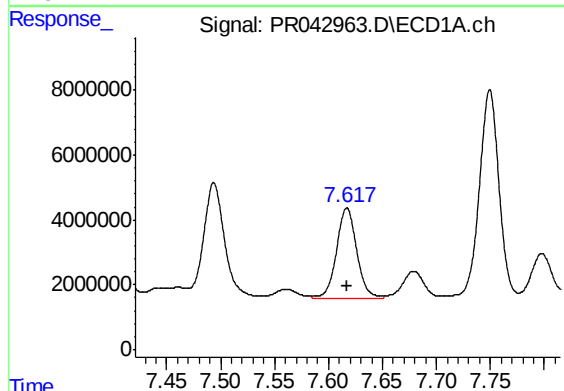
R.T.: 7.332 min  
Delta R.T.: 0.000 min  
Response: 31734642  
Conc: 100.77 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
14ADL



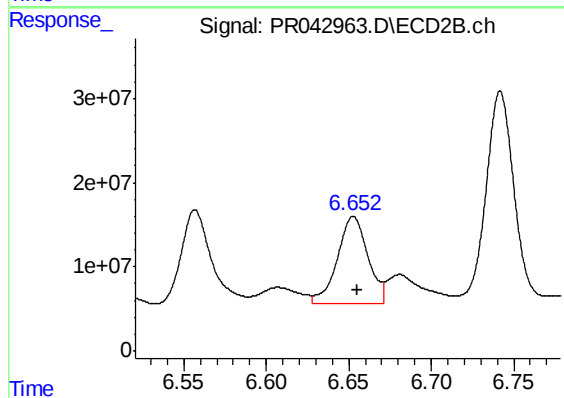
#28 AR-1254-3

R.T.: 6.427 min  
Delta R.T.: 0.000 min  
Response: 175176446  
Conc: 170.24 ng/ml



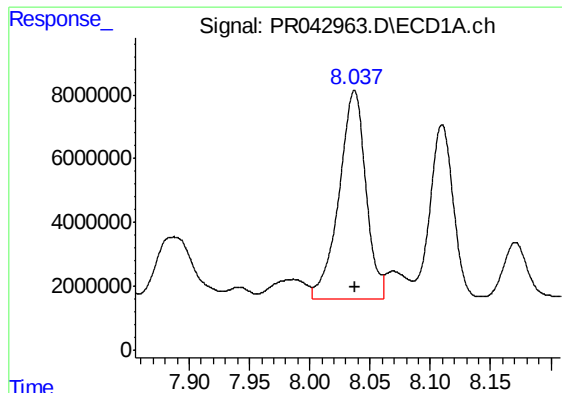
#29 AR-1254-4

R.T.: 7.617 min  
Delta R.T.: 0.000 min  
Response: 36960033  
Conc: 157.70 ng/ml



#29 AR-1254-4

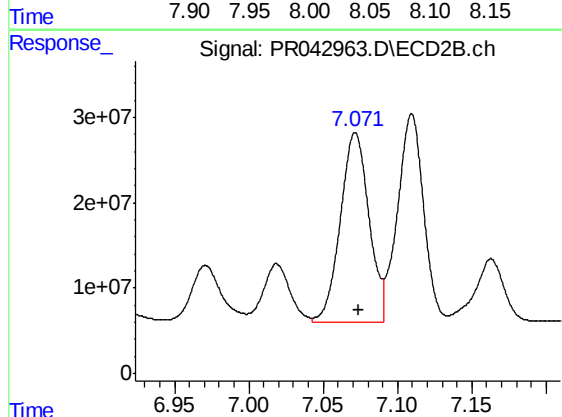
R.T.: 6.653 min  
Delta R.T.: -0.002 min  
Response: 132131638  
Conc: 173.27 ng/ml



#30 AR-1254-5

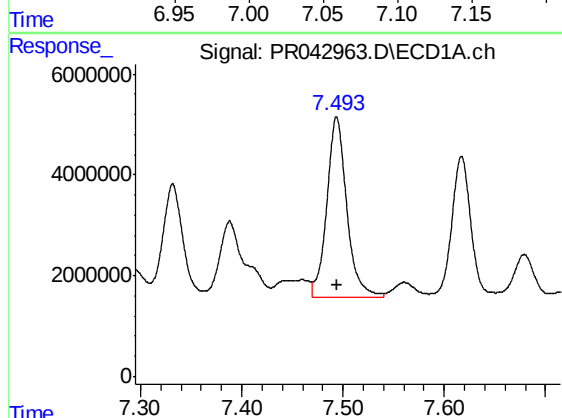
R.T.: 8.037 min  
Delta R.T.: 0.000 min  
Response: 101872737  
Conc: 405.19 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
14ADL



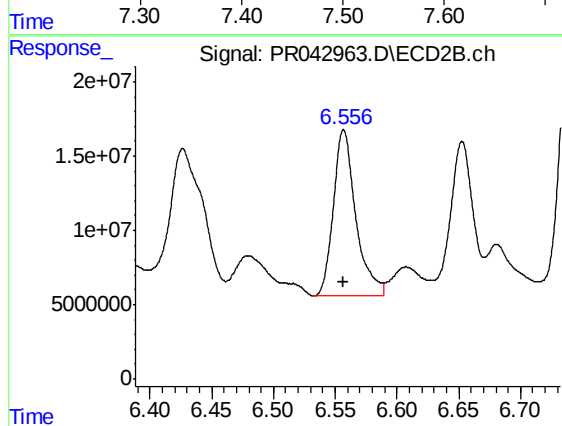
#30 AR-1254-5

R.T.: 7.072 min  
Delta R.T.: -0.003 min  
Response: 298696704  
Conc: 324.03 ng/ml



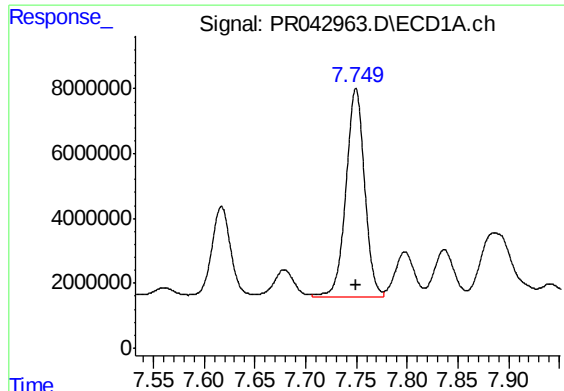
#31 AR-1260-1

R.T.: 7.494 min  
Delta R.T.: 0.000 min  
Response: 49544044  
Conc: 238.30 ng/ml



#31 AR-1260-1

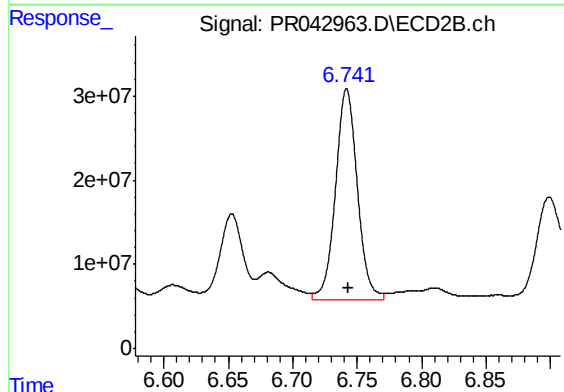
R.T.: 6.557 min  
Delta R.T.: 0.000 min  
Response: 140832776  
Conc: 232.36 ng/ml



#32 AR-1260-2

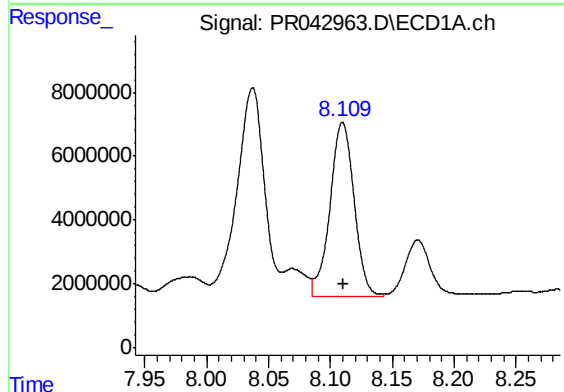
R.T.: 7.750 min  
Delta R.T.: 0.000 min  
Response: 82370499  
Conc: 336.92 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
14ADL



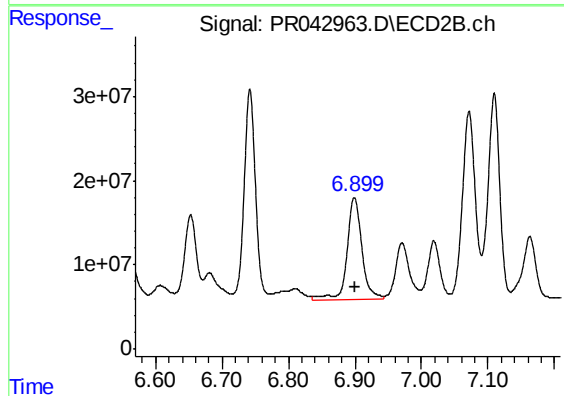
#32 AR-1260-2

R.T.: 6.742 min  
Delta R.T.: -0.001 min  
Response: 299312934  
Conc: 346.15 ng/ml



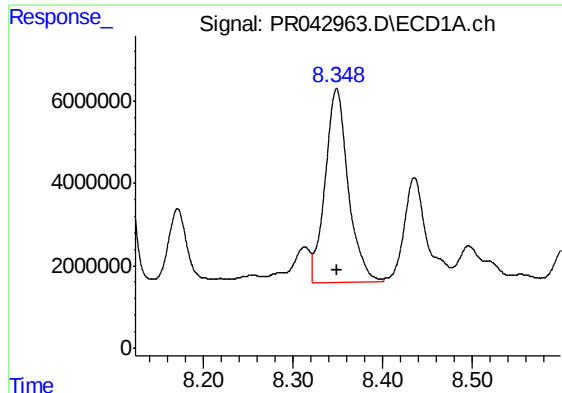
#33 AR-1260-3

R.T.: 8.110 min  
Delta R.T.: 0.000 min  
Response: 74557578  
Conc: 412.45 ng/ml



#33 AR-1260-3

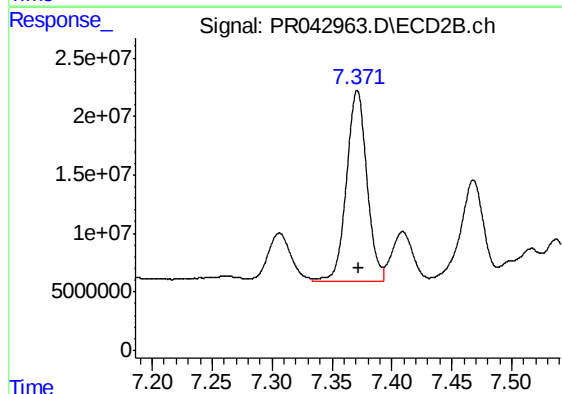
R.T.: 6.899 min  
Delta R.T.: 0.000 min  
Response: 190557632  
Conc: 268.32 ng/ml



#34 AR-1260-4

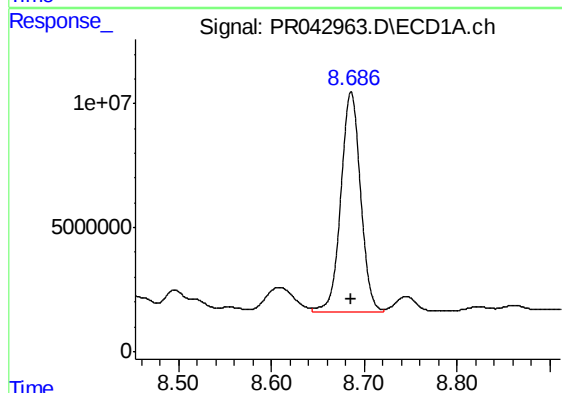
R.T.: 8.348 min  
Delta R.T.: 0.000 min  
Response: 84023294  
Conc: 402.62 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
14ADL



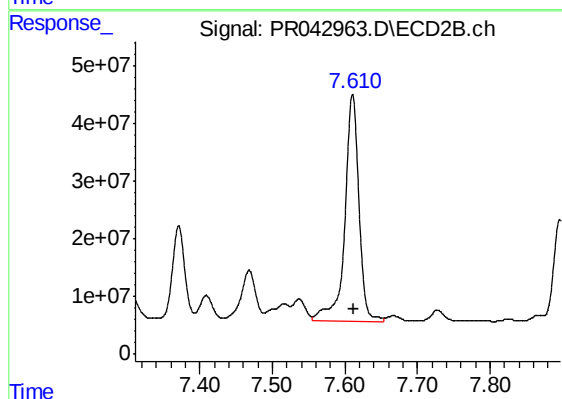
#34 AR-1260-4

R.T.: 7.371 min  
Delta R.T.: -0.001 min  
Response: 193707230  
Conc: 331.79 ng/ml



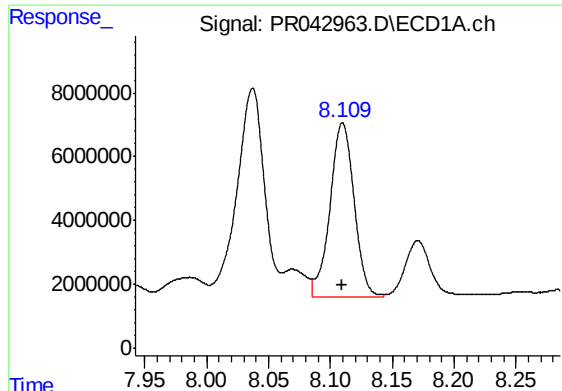
#35 AR-1260-5

R.T.: 8.686 min  
Delta R.T.: 0.000 min  
Response: 130388764  
Conc: 314.49 ng/ml



#35 AR-1260-5

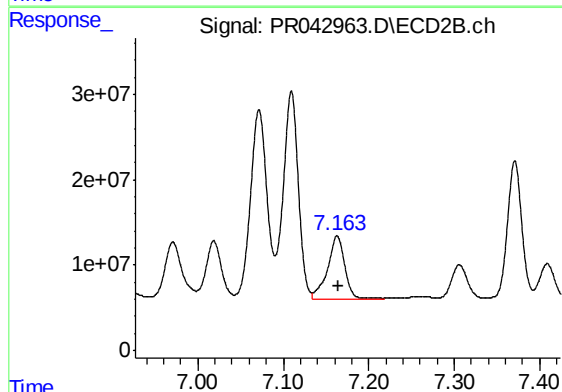
R.T.: 7.611 min  
Delta R.T.: -0.001 min  
Response: 536688729  
Conc: 332.66 ng/ml



#36 AR-1262-1

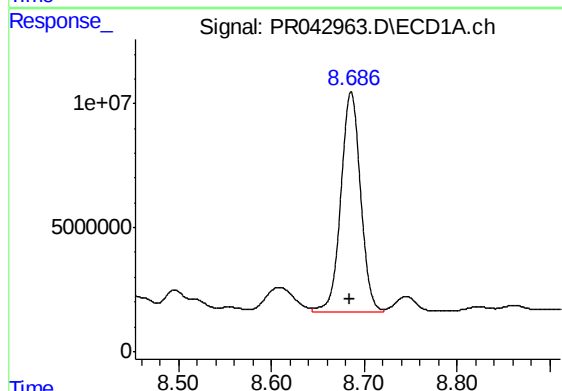
R.T.: 8.110 min  
Delta R.T.: 0.000 min  
Response: 74557578  
Conc: 252.66 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
14ADL



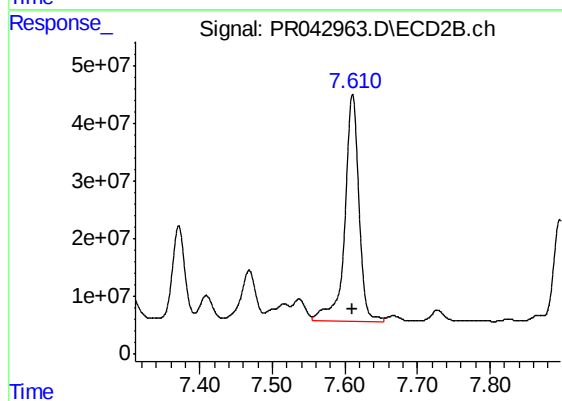
#36 AR-1262-1

R.T.: 7.163 min  
Delta R.T.: 0.000 min  
Response: 102507750  
Conc: 235.95 ng/ml



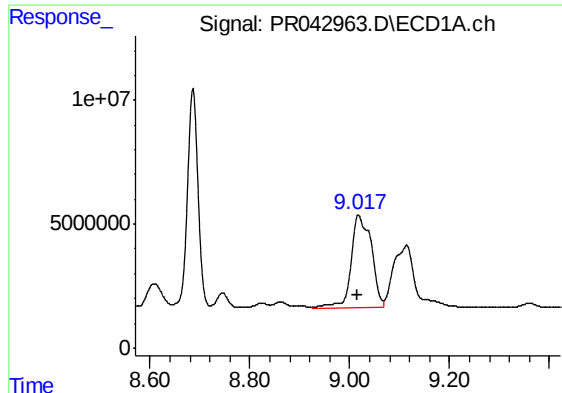
#37 AR-1262-2

R.T.: 8.686 min  
Delta R.T.: 0.001 min  
Response: 130388764  
Conc: 234.13 ng/ml



#37 AR-1262-2

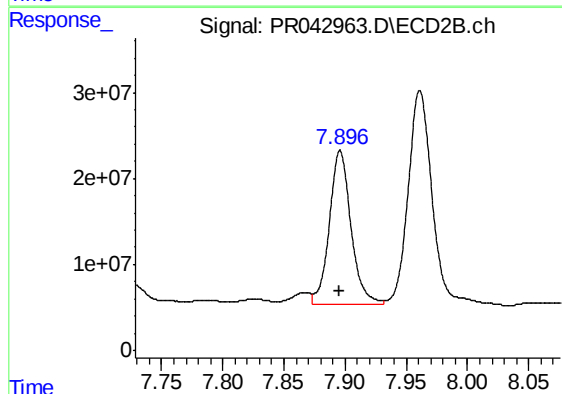
R.T.: 7.611 min  
Delta R.T.: 0.000 min  
Response: 536688729  
Conc: 256.80 ng/ml



#38 AR-1262-3

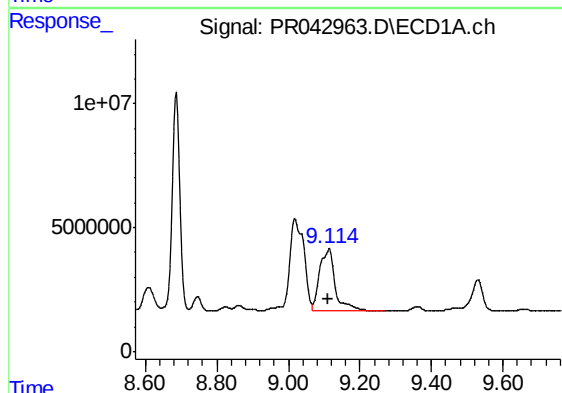
R.T.: 9.017 min  
Delta R.T.: 0.002 min  
Response: 104867929  
Conc: 293.45 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
14ADL



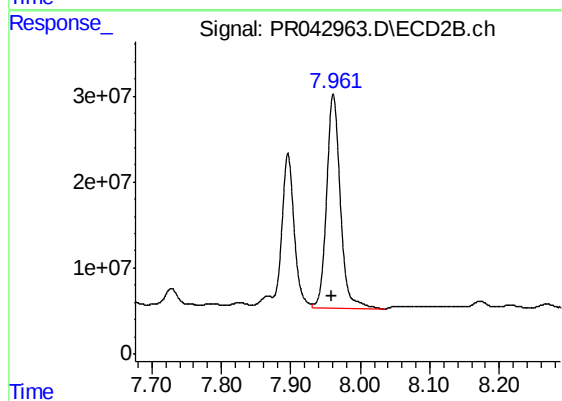
#38 AR-1262-3

R.T.: 7.896 min  
Delta R.T.: 0.000 min  
Response: 220253751  
Conc: 262.62 ng/ml



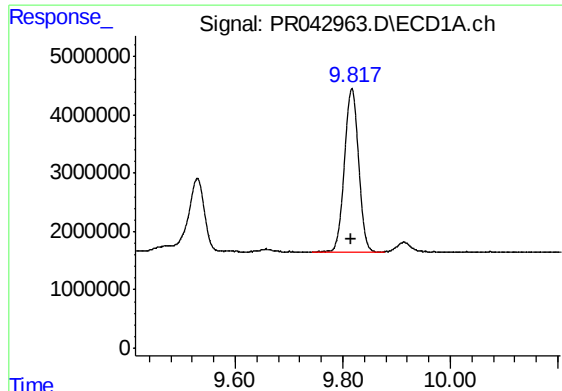
#39 AR-1262-4

R.T.: 9.114 min  
Delta R.T.: 0.002 min  
Response: 76772724  
Conc: 566.60 ng/ml



#39 AR-1262-4

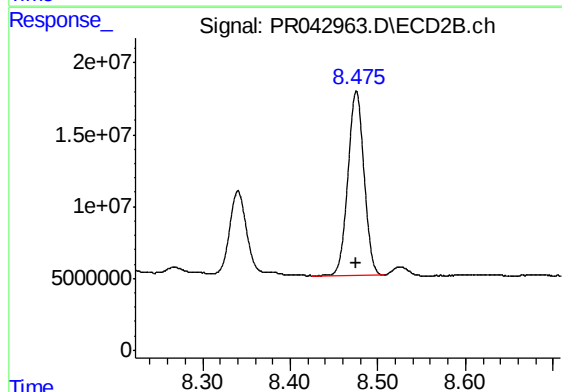
R.T.: 7.961 min  
Delta R.T.: 0.001 min  
Response: 342021787  
Conc: 242.45 ng/ml



#40 AR-1262-5

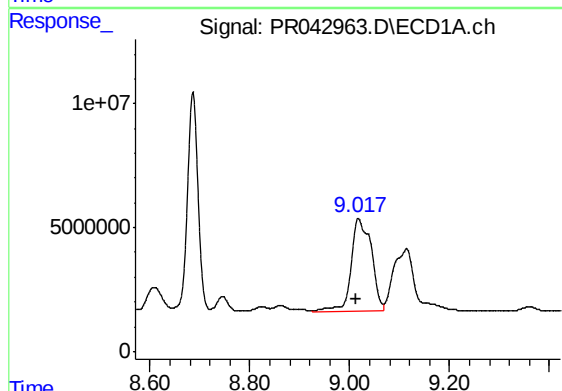
R.T.: 9.817 min  
Delta R.T.: 0.002 min  
Response: 51338223  
Conc: 280.29 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
14ADL



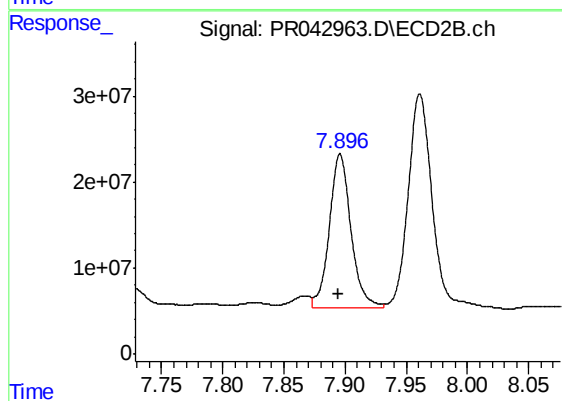
#40 AR-1262-5

R.T.: 8.476 min  
Delta R.T.: 0.000 min  
Response: 163390176  
Conc: 251.06 ng/ml



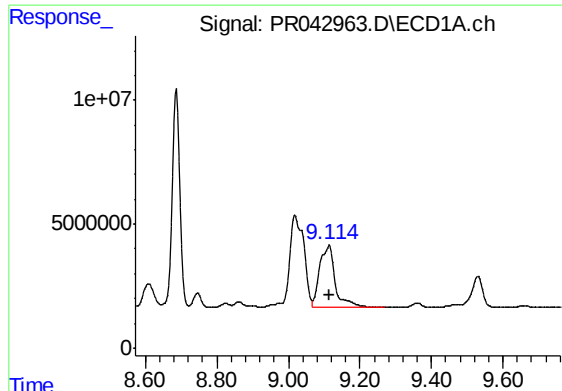
#41 AR-1268-1

R.T.: 9.017 min  
Delta R.T.: 0.005 min  
Response: 104867929  
Conc: 165.26 ng/ml



#41 AR-1268-1

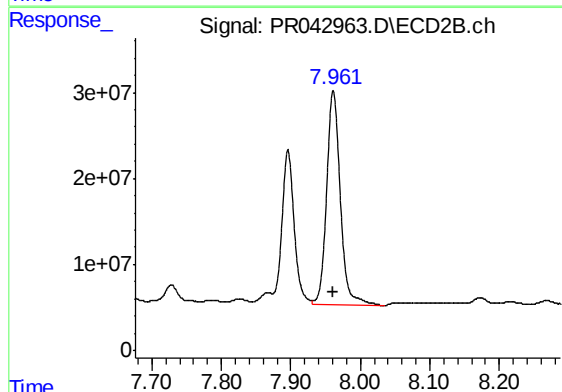
R.T.: 7.896 min  
Delta R.T.: 0.001 min  
Response: 220253751  
Conc: 90.70 ng/ml



#42 AR-1268-2

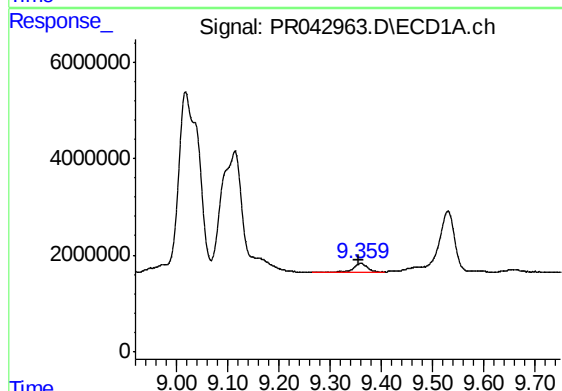
R.T.: 9.114 min  
Delta R.T.: 0.000 min  
Response: 76772724  
Conc: 133.36 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
14ADL



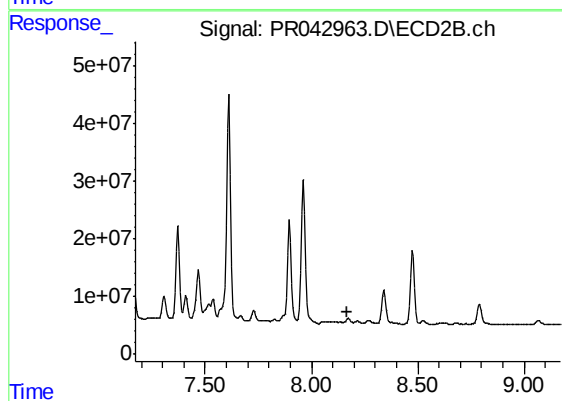
#42 AR-1268-2

R.T.: 7.961 min  
Delta R.T.: 0.000 min  
Response: 342021787  
Conc: 159.20 ng/ml



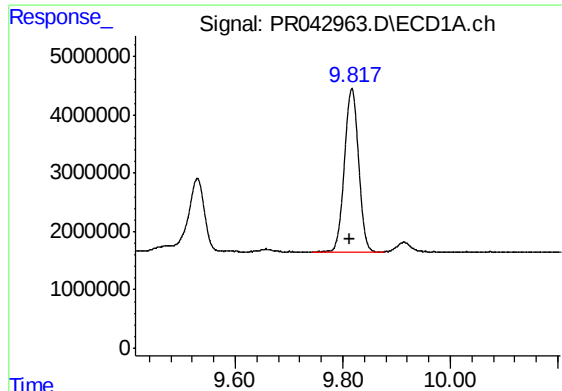
#43 AR-1268-3

R.T.: 9.360 min  
Delta R.T.: 0.003 min  
Response: 3693754  
Conc: 7.84 ng/ml



#43 AR-1268-3

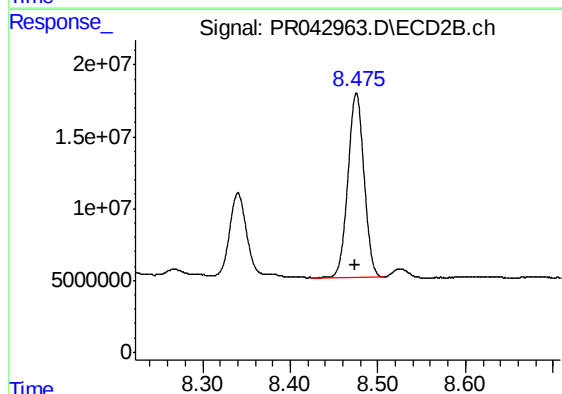
R.T.: 0.000 min  
Exp R.T. : 8.172 min  
Response: 0  
Conc: N.D.



#44 AR-1268-4

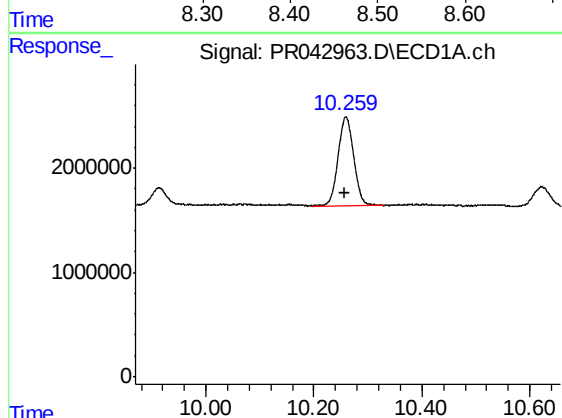
R.T.: 9.817 min  
Delta R.T.: 0.004 min  
Response: 51338223  
Conc: 250.18 ng/ml

Instrument :  
ECD\_R  
ClientSampleId :  
14ADL



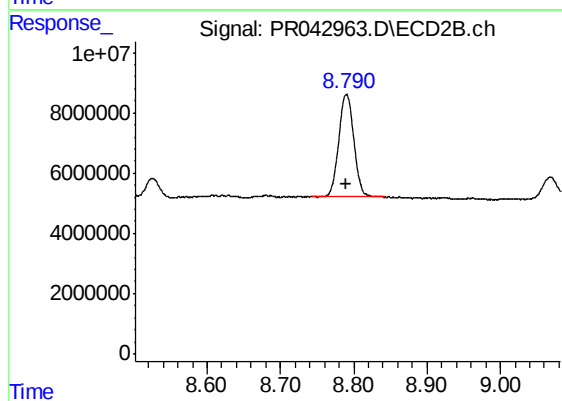
#44 AR-1268-4

R.T.: 8.476 min  
Delta R.T.: 0.002 min  
Response: 163390176  
Conc: 225.38 ng/ml



#45 AR-1268-5

R.T.: 10.259 min  
Delta R.T.: 0.003 min  
Response: 17282888  
Conc: 11.04 ng/ml



#45 AR-1268-5

R.T.: 8.790 min  
Delta R.T.: 0.001 min  
Response: 48898916  
Conc: 9.49 ng/ml