Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR111522\
Data File : PR058044.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Nov 2022 01:13
Operator : AJ\MA
Sample : AR1242ICV500
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 16 05:25:33 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR111522.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 16 05:22:04 2022
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...	3.695	2.917	107.2E6	157.7E6	55.492	55.955	
2) SA	Decachlor...	9.668	8.164	118.8E6	152.2E6	52.812	53.173	
	Target Compounds							
3) L1	AR-1016-1	4.927	4.031	30329420	40922544	412.791	399.913	
4) L1	AR-1016-2	4.949	4.050	40496255	56103690	403.445	406.987	
5) L1	AR-1016-3	5.015	4.228	26279116	30093120	409.542	407.563	
6) L1	AR-1016-4	5.118	4.279	21730258	23716160	412.255	414.376	
7) L1	AR-1016-5	5.437	4.495	22978621	31792281	421.159	428.674	
8) L2	AR-1221-1	3.913	3.141	3584321	4517738	132.859	134.360	
9) L2	AR-1221-2	4.007	3.227	5283385	6681834	268.126	257.925	
10) L2	AR-1221-3	4.085	3.304	17439156	21444167	305.468	280.141	
11) L3	AR-1232-1	4.085	3.304	17439156	21444167	405.496	381.815	
12) L3	AR-1232-2	4.640	4.050	21782561	56103690	848.409	912.170	
13) L3	AR-1232-3	4.949	4.228	40496255	30093120	886.828	916.274	
14) L3	AR-1232-4	5.118	4.320	21730258	28170936	882.884	1008.153	
15) L3	AR-1232-5	5.223	4.495	17963380	31792281	988.906	979.501	
16) L4	AR-1242-1	4.927	4.031	30329420	40922544	505.890	502.258	
17) L4	AR-1242-2	4.949	4.050	40496255	56103690	503.814	505.456	
18) L4	AR-1242-3	5.015	4.228	26279116	30093120	504.797	504.573	
19) L4	AR-1242-4	5.118	4.320	21730258	28170936	508.141	500.199	
20) L4	AR-1242-5	5.913	4.864	24863458	39612611	495.919	502.797	
21) L5	AR-1248-1	4.927	4.031	30329420	40922544	666.872	658.551	
22) L5	AR-1248-2	5.223	4.279	17963380	23716160	304.217	295.167	
23) L5	AR-1248-3	5.437	4.320	22978621	28170936	323.972	351.747	
24) L5	AR-1248-4	5.873	4.495	23454098	31792281	282.778	319.777	
25) L5	AR-1248-5	5.913	4.906	24863458	32059155	308.996	317.079	
26) L6	AR-1254-1	5.843	4.864	19798506	39612611	227.447	244.294	
27) L6	AR-1254-2	6.082	5.022	23674523	12334203	171.923	85.350	#
28) L6	AR-1254-3	6.478	5.443	11934047	16470211	79.659	70.380	
29) L6	AR-1254-4	6.792	5.688	9306760	11046318	77.747	73.143	
30) L6	AR-1254-5	7.252	6.133	4649279	6964450	34.294	31.085	
31) L7	AR-1260-1	6.660	5.591	2623419	7386524	22.731	48.534	#
32) L7	AR-1260-2	6.944	5.788	2652625	2470093	18.696	13.113	#
33) L7	AR-1260-3	7.315f	5.945	435286	6108183	4.684	32.625	#
34) L7	AR-1260-4	7.563f	6.451	2706660	268199	23.568	2.051	#
35) L7	AR-1260-5	7.922	6.715	705180	952275	3.307	3.039	
36) L8	AR-1262-1	7.315f	6.204f	435286	643869	2.916	2.996	
37) L8	AR-1262-2	7.922	6.451	705180	268199	2.626	1.365	#
38) L8	AR-1262-3	8.245	7.009	761032	2335848	4.112	15.389	#
39) L8	AR-1262-4	8.302f	7.085	411278	1691006	2.906	5.600	#
40) L8	AR-1262-5	8.960	0.000	560243	0	5.499	N.D.	#
41) L9	AR-1268-1	8.245	7.009	761032	2335848	2.366	4.879	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR111522\
Data File : PR058044.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Nov 2022 01:13
Operator : AJ\MA
Sample : AR1242ICV500
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 16 05:25:33 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR111522.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 16 05:22:04 2022
Response via : Initial Calibration
Integrator: ChemStation

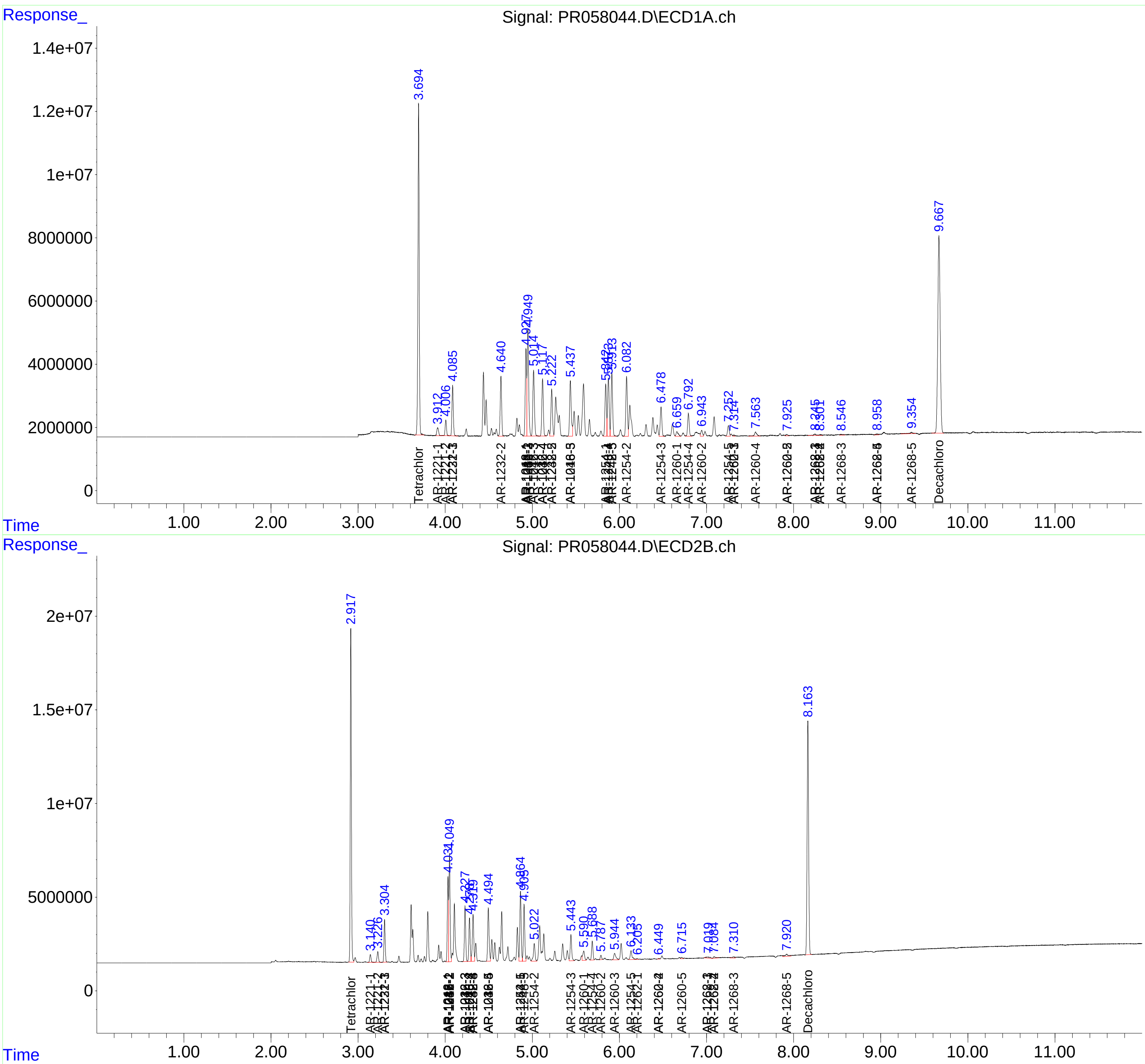
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

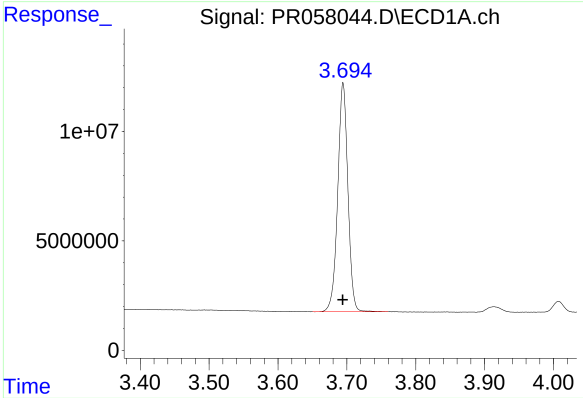
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.302f	7.085	411278	1691006	1.408	3.966 #
43) L9	AR-1268-3	8.546	7.311	581206	1437258	2.338	4.009 #
44) L9	AR-1268-4	8.960	0.000	560243	0	4.883	N.D. #
45) L9	AR-1268-5	9.353	7.920	1303939	3323526	1.622	2.786 #

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

```
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR111522\
Data File : PR058044.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On    : 16 Nov 2022  01:13
Operator  : AJ\MA
Sample    : AR1242ICV500
Misc      :
ALS Vial  : 37   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 16 05:25:33 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR111522.M
Quant Title  : GC EXTRACTABLES
QLast Update : Wed Nov 16 05:22:04 2022
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
```

Instrument :
ECD_R
ClientSampleId :

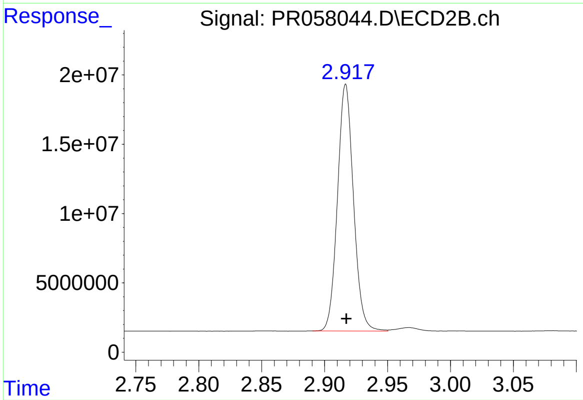




#1 Tetrachloro-m-xylene

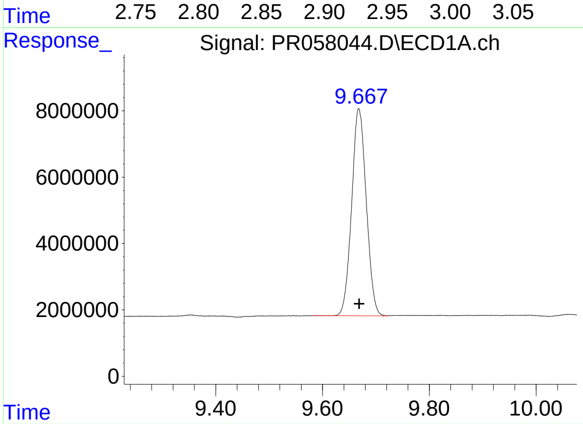
R.T.: 3.695 min
Delta R.T.: 0.000 min
Response: 107210573
Conc: 55.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



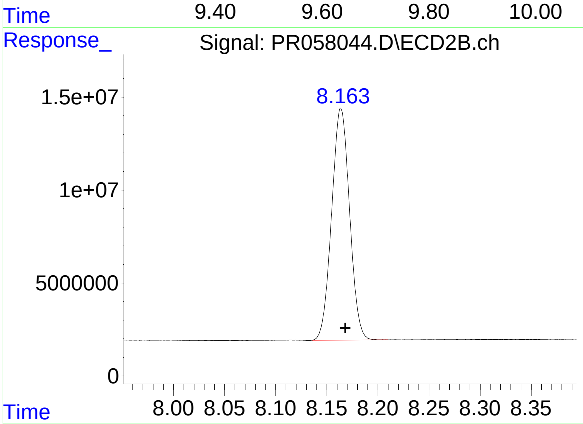
#1 Tetrachloro-m-xylene

R.T.: 2.917 min
Delta R.T.: 0.000 min
Response: 157705654
Conc: 55.96 ng/ml



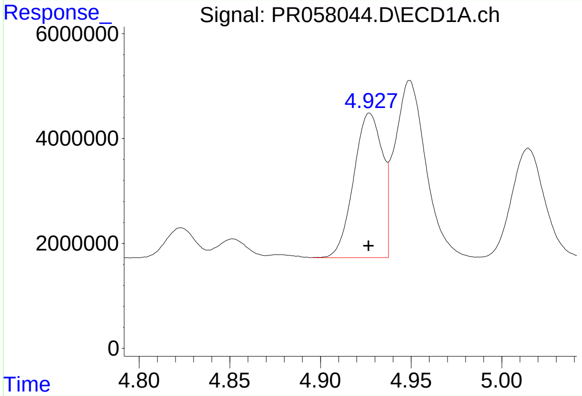
#2 Decachlorobiphenyl

R.T.: 9.668 min
Delta R.T.: 0.000 min
Response: 118775301
Conc: 52.81 ng/ml



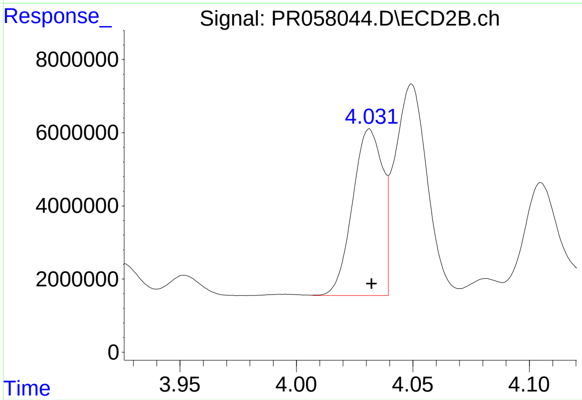
#2 Decachlorobiphenyl

R.T.: 8.164 min
Delta R.T.: -0.004 min
Response: 152211351
Conc: 53.17 ng/ml

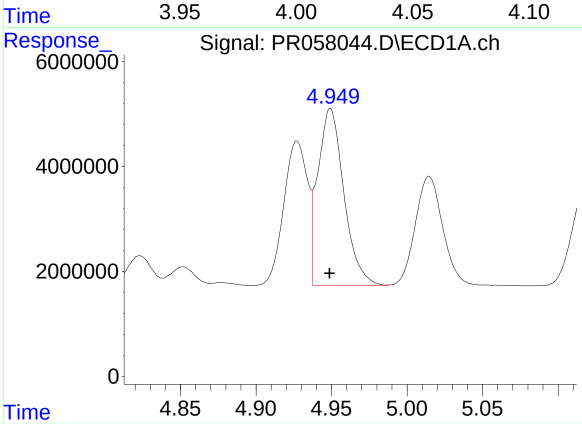



```
#3   AR-1016-1

      R.T.:    4.927 min
Delta R.T.:    0.000 min
  Response:  30329420
      Conc: 412.79 ng/ml
```

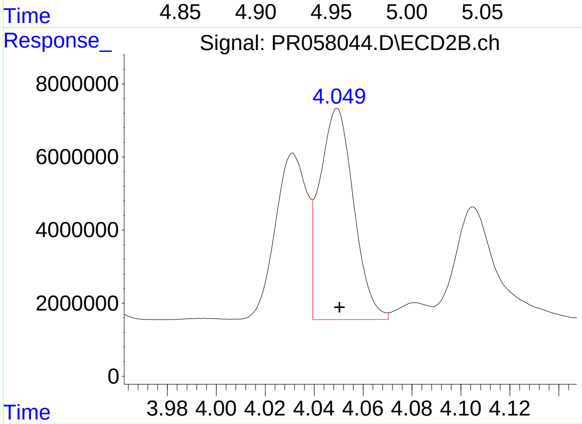
Instrument :
ECD_R
ClientSampleId :



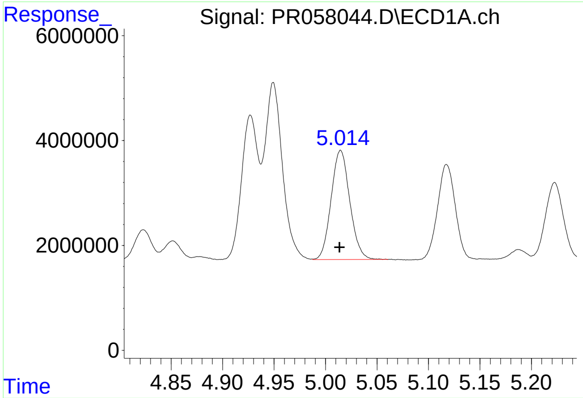

```
#3   AR-1016-1

      R.T.:    4.031 min
Delta R.T.:    0.000 min
  Response:  40922544
      Conc: 399.91 ng/ml
```




```
#4   AR-1016-2

      R.T.:    4.949 min
Delta R.T.:    0.000 min
  Response:  40496255
      Conc: 403.44 ng/ml
```



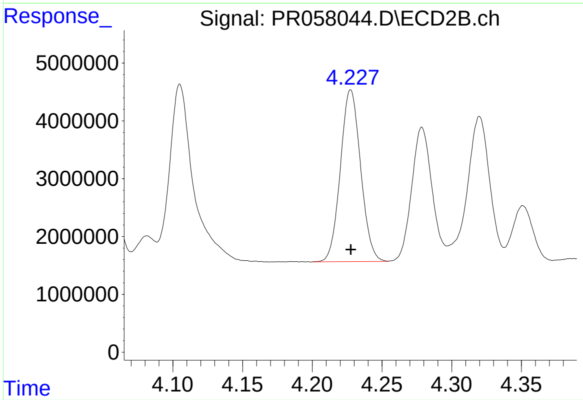

```
#4   AR-1016-2

      R.T.:    4.050 min
Delta R.T.:    0.000 min
  Response:  56103690
      Conc: 406.99 ng/ml
```



#5 AR-1016-3

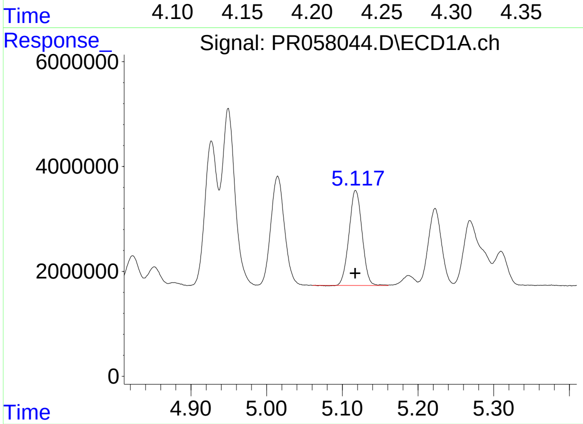
R.T.: 5.015 min
Delta R.T.: 0.001 min
Response: 26279116
Conc: 409.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



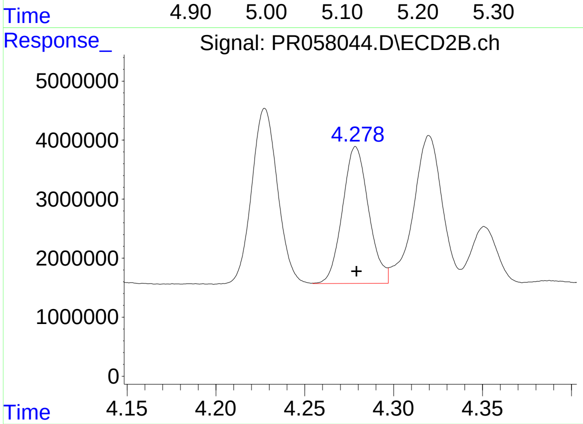
#5 AR-1016-3

R.T.: 4.228 min
Delta R.T.: 0.000 min
Response: 30093120
Conc: 407.56 ng/ml



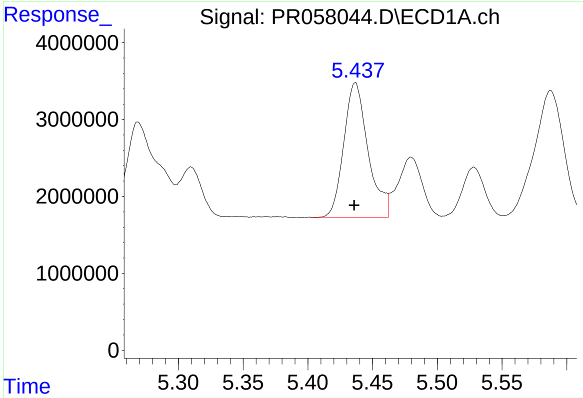
#6 AR-1016-4

R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 21730258
Conc: 412.26 ng/ml



#6 AR-1016-4

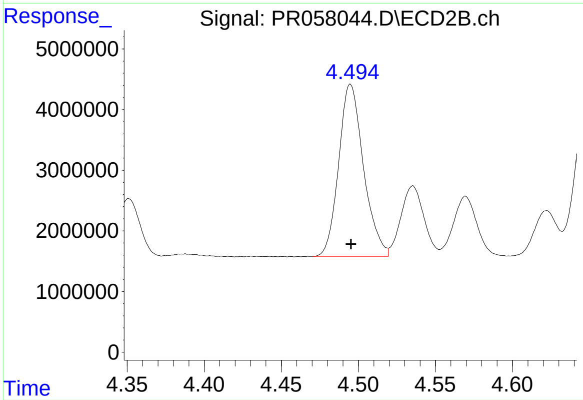
R.T.: 4.279 min
Delta R.T.: 0.000 min
Response: 23716160
Conc: 414.38 ng/ml



#7 AR-1016-5

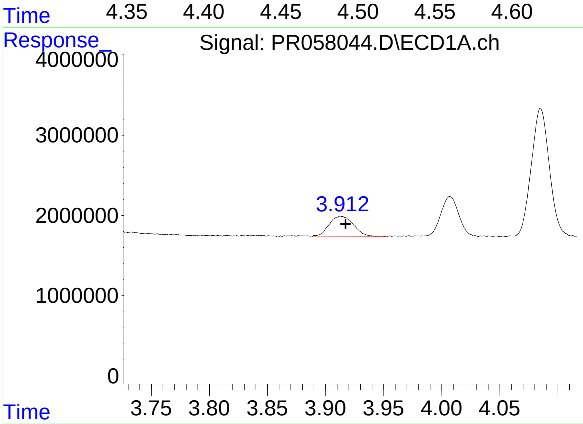
R.T.: 5.437 min
Delta R.T.: 0.000 min
Response: 22978621
Conc: 421.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



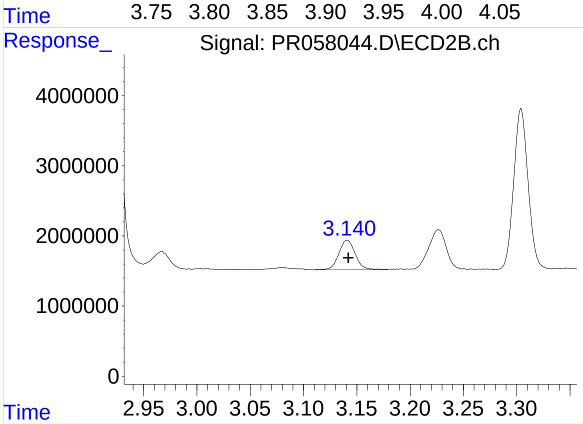
#7 AR-1016-5

R.T.: 4.495 min
Delta R.T.: 0.000 min
Response: 31792281
Conc: 428.67 ng/ml



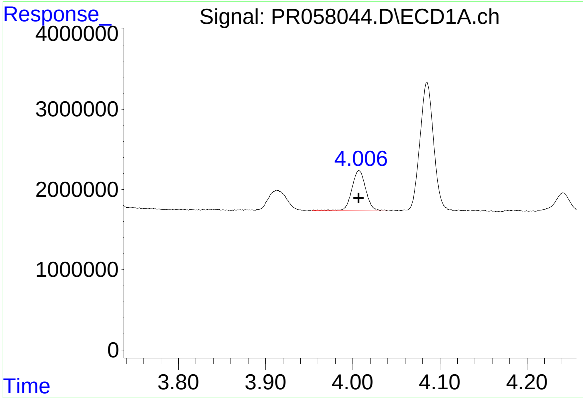
#8 AR-1221-1

R.T.: 3.913 min
Delta R.T.: -0.004 min
Response: 3584321
Conc: 132.86 ng/ml



#8 AR-1221-1

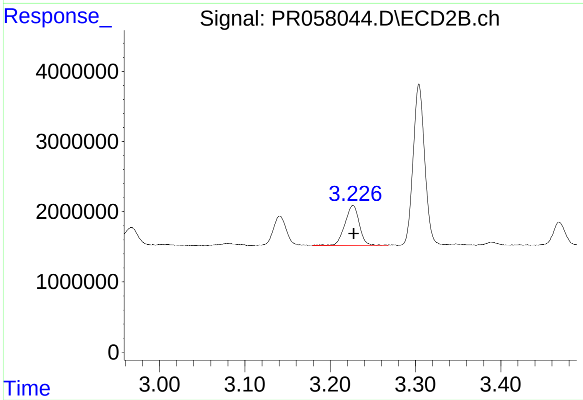
R.T.: 3.141 min
Delta R.T.: -0.001 min
Response: 4517738
Conc: 134.36 ng/ml



#9 AR-1221-2

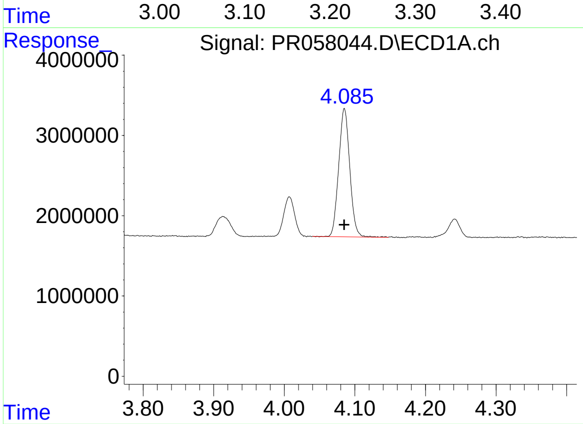
R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 5283385
Conc: 268.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



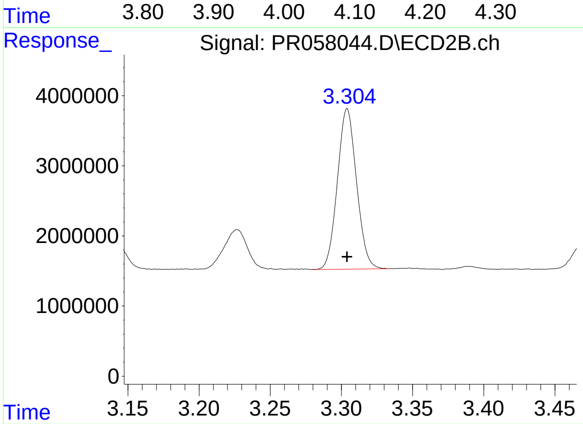
#9 AR-1221-2

R.T.: 3.227 min
Delta R.T.: 0.000 min
Response: 6681834
Conc: 257.92 ng/ml



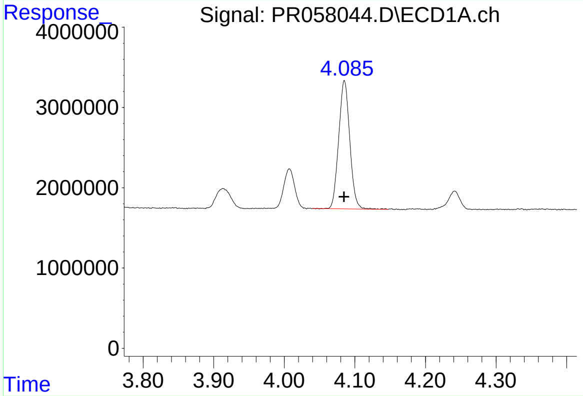
#10 AR-1221-3

R.T.: 4.085 min
Delta R.T.: 0.000 min
Response: 17439156
Conc: 305.47 ng/ml



#10 AR-1221-3

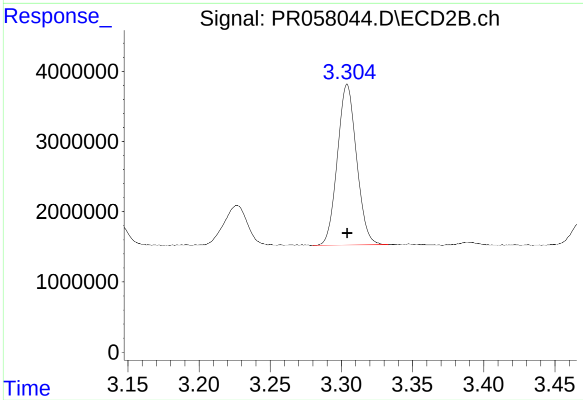
R.T.: 3.304 min
Delta R.T.: 0.000 min
Response: 21444167
Conc: 280.14 ng/ml



#11 AR-1232-1

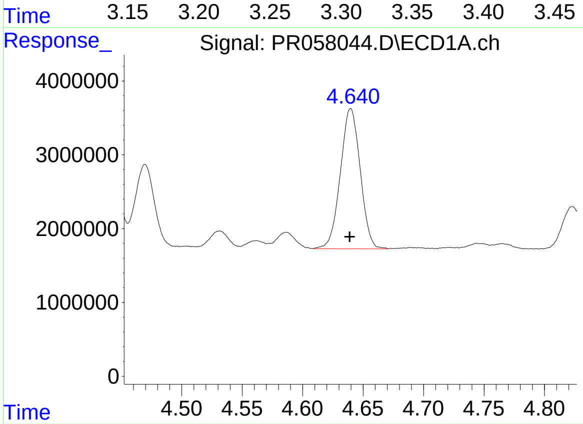
```
      R.T.:    4.085 min
Delta R.T.:    0.000 min
  Response:   17439156
      Conc: 405.50 ng/ml
```

Instrument :
ECD_R
ClientSampleId :



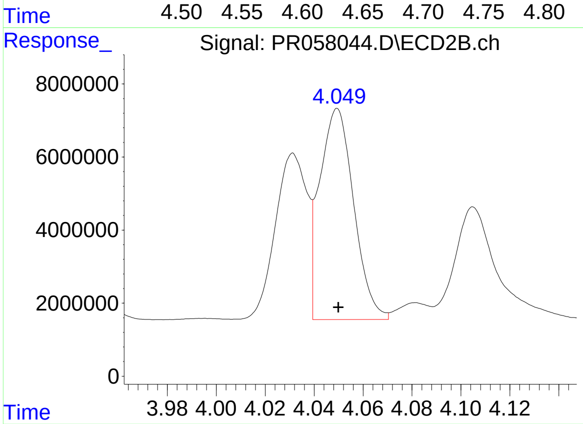
#11 AR-1232-1

```
      R.T.:    3.304 min
Delta R.T.:    0.000 min
  Response:   21444167
      Conc: 381.81 ng/ml
```



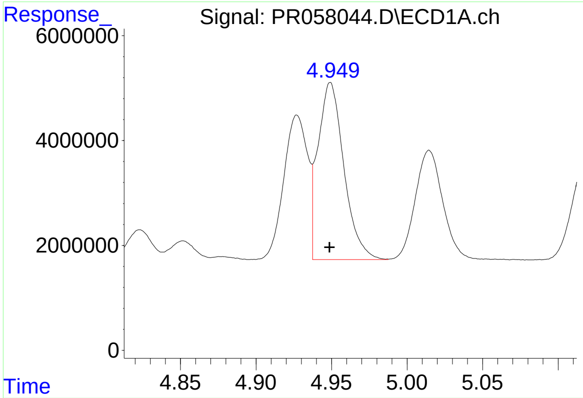
#12 AR-1232-2

```
      R.T.:    4.640 min
Delta R.T.:    0.000 min
  Response:   21782561
      Conc: 848.41 ng/ml
```



#12 AR-1232-2

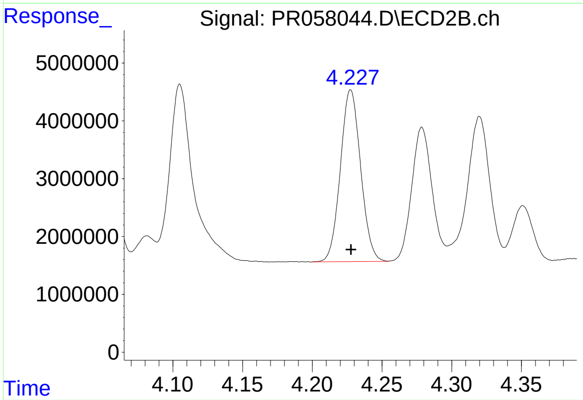
```
      R.T.:    4.050 min
Delta R.T.:    0.000 min
  Response:   56103690
      Conc: 912.17 ng/ml
```



#13 AR-1232-3

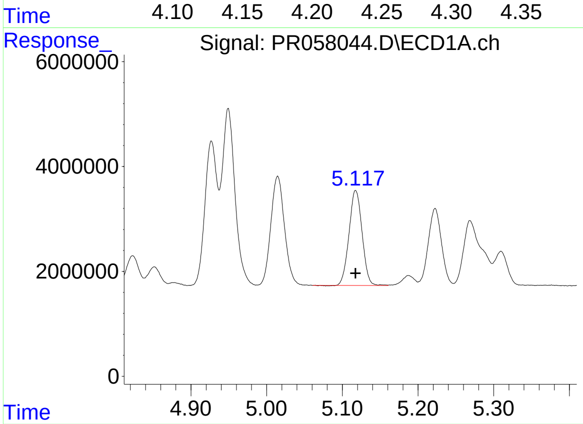
R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 40496255
Conc: 886.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



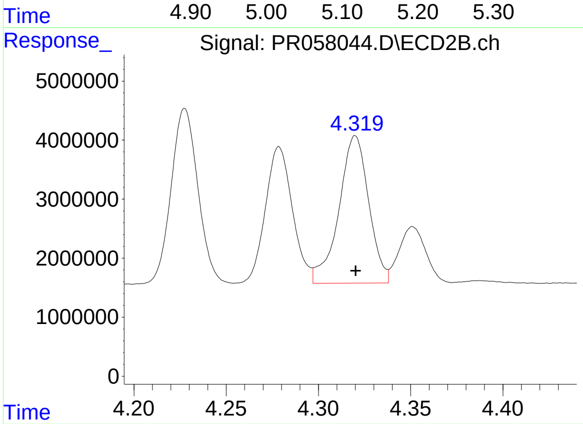
#13 AR-1232-3

R.T.: 4.228 min
Delta R.T.: 0.000 min
Response: 30093120
Conc: 916.27 ng/ml



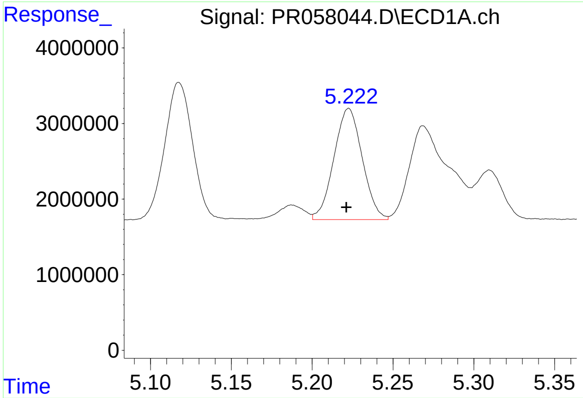
#14 AR-1232-4

R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 21730258
Conc: 882.88 ng/ml



#14 AR-1232-4

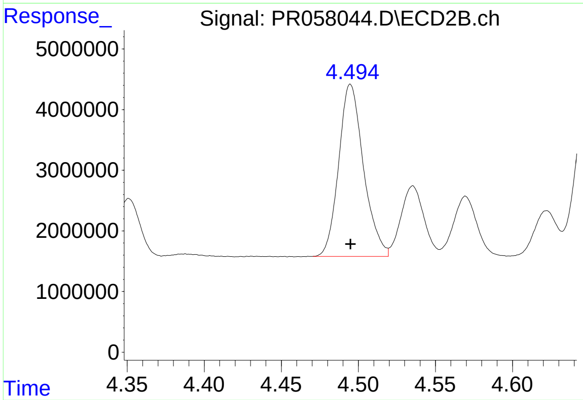
R.T.: 4.320 min
Delta R.T.: 0.000 min
Response: 28170936
Conc: 1008.15 ng/ml



#15 AR-1232-5

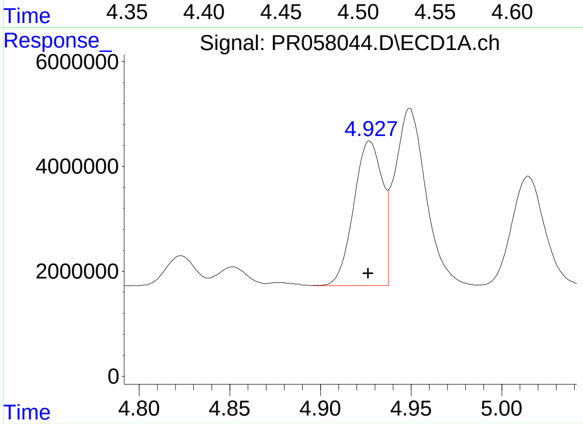
R.T.: 5.223 min
Delta R.T.: 0.001 min
Response: 17963380
Conc: 988.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



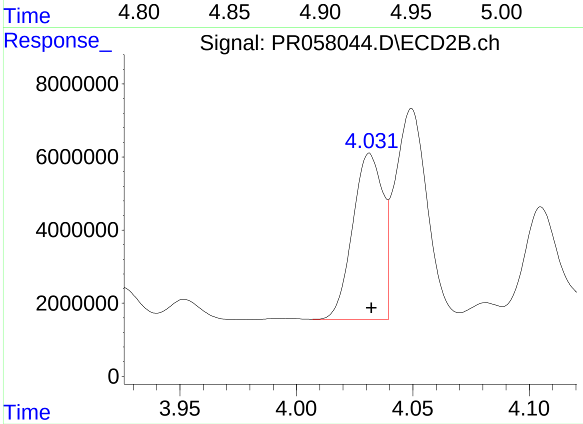
#15 AR-1232-5

R.T.: 4.495 min
Delta R.T.: 0.000 min
Response: 31792281
Conc: 979.50 ng/ml



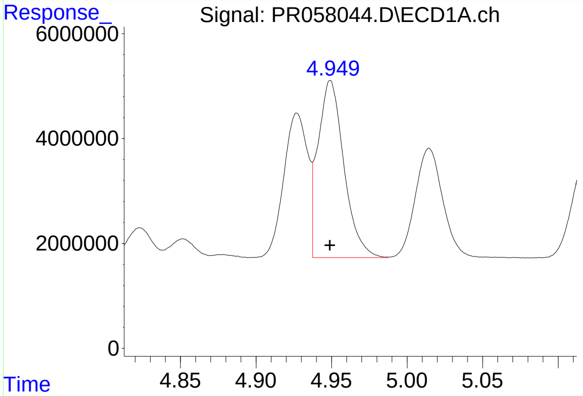
#16 AR-1242-1

R.T.: 4.927 min
Delta R.T.: 0.001 min
Response: 30329420
Conc: 505.89 ng/ml



#16 AR-1242-1

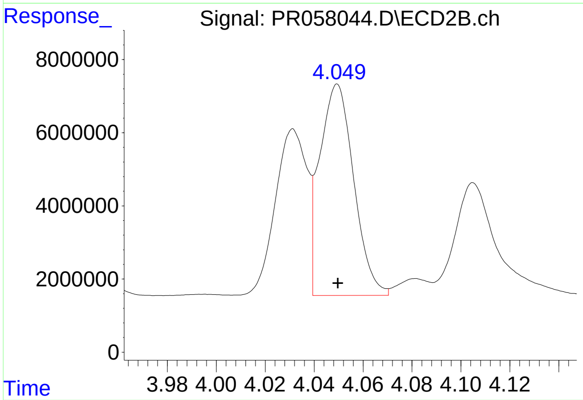
R.T.: 4.031 min
Delta R.T.: 0.000 min
Response: 40922544
Conc: 502.26 ng/ml



#17 AR-1242-2

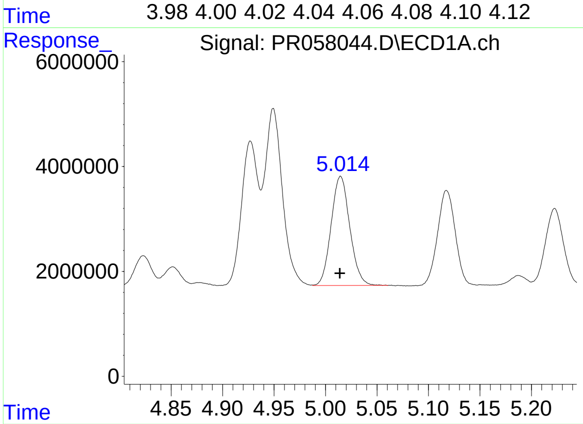
R.T.: 4.949 min
Delta R.T.: 0.000 min
Response: 40496255
Conc: 503.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



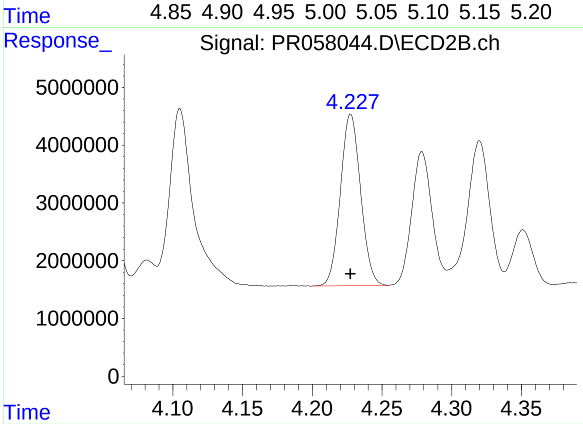
#17 AR-1242-2

R.T.: 4.050 min
Delta R.T.: 0.000 min
Response: 56103690
Conc: 505.46 ng/ml



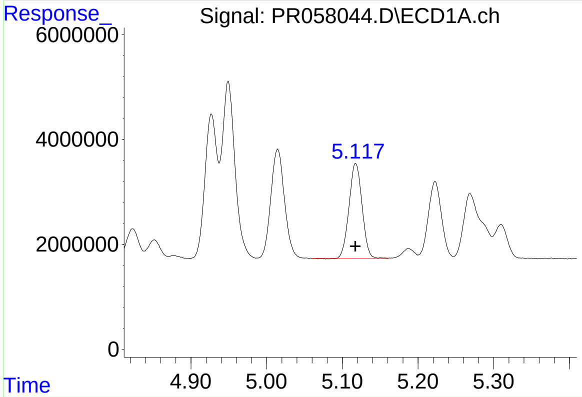
#18 AR-1242-3

R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 26279116
Conc: 504.80 ng/ml



#18 AR-1242-3

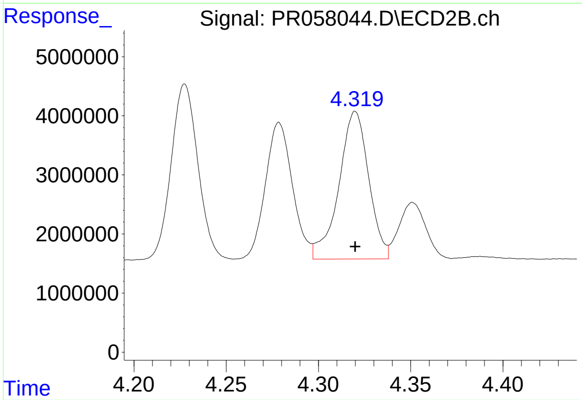
R.T.: 4.228 min
Delta R.T.: 0.000 min
Response: 30093120
Conc: 504.57 ng/ml



#19 AR-1242-4

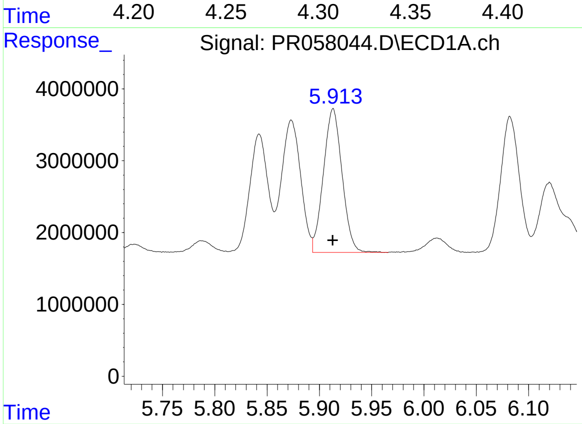
```
     R.T.:     5.118 min
Delta R.T.:    0.000 min
  Response:  21730258
      Conc: 508.14 ng/ml
```

Instrument :
ECD_R
ClientSampleId :



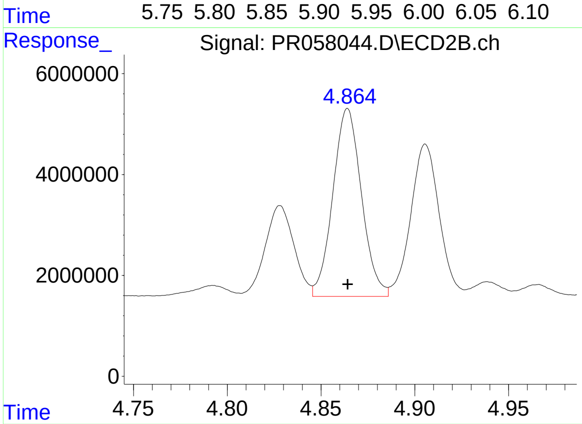
#19 AR-1242-4

```
     R.T.:     4.320 min
Delta R.T.:    0.000 min
  Response:  28170936
      Conc: 500.20 ng/ml
```



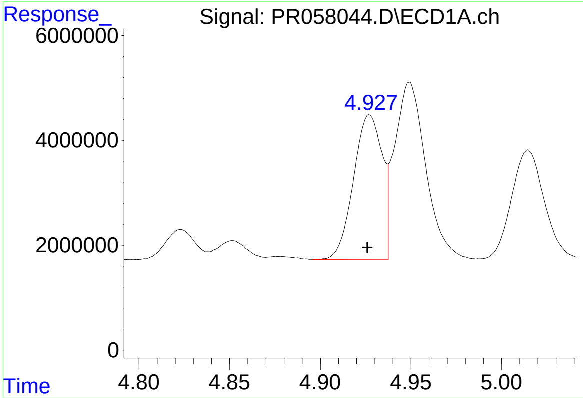
#20 AR-1242-5

```
     R.T.:     5.913 min
Delta R.T.:    0.000 min
  Response:  24863458
      Conc: 495.92 ng/ml
```



#20 AR-1242-5

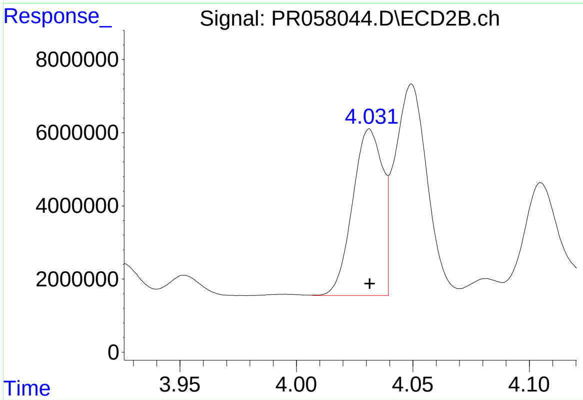
```
     R.T.:     4.864 min
Delta R.T.:    0.000 min
  Response:  39612611
      Conc: 502.80 ng/ml
```



#21 AR-1248-1

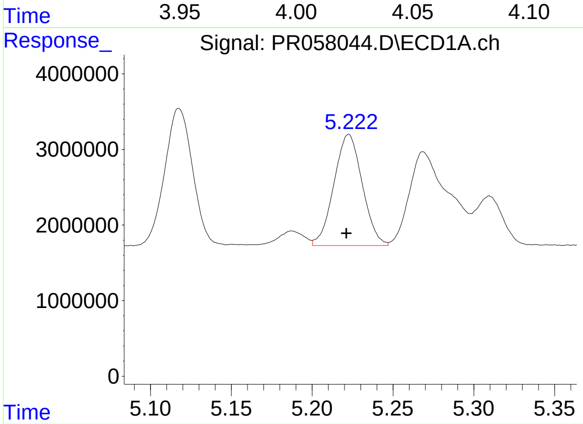
R.T.: 4.927 min
Delta R.T.: 0.001 min
Response: 30329420
Conc: 666.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



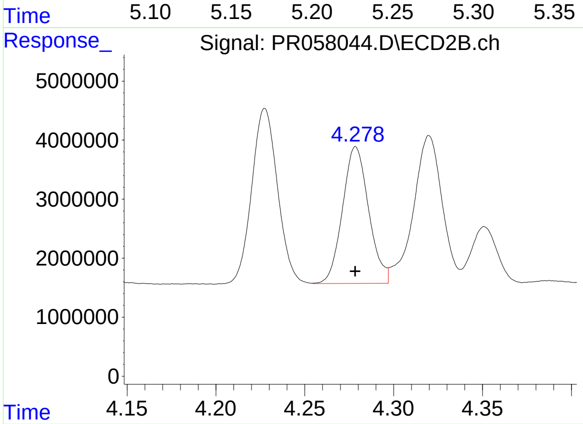
#21 AR-1248-1

R.T.: 4.031 min
Delta R.T.: 0.000 min
Response: 40922544
Conc: 658.55 ng/ml



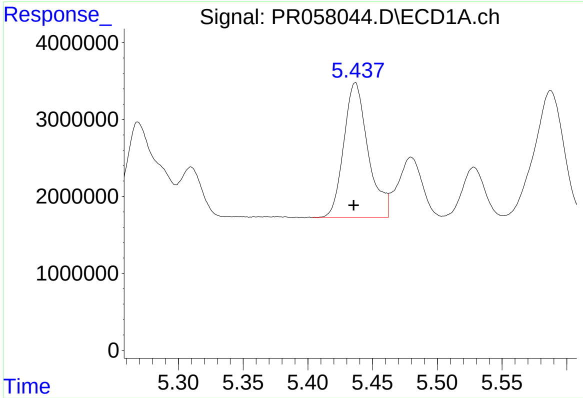
#22 AR-1248-2

R.T.: 5.223 min
Delta R.T.: 0.001 min
Response: 17963380
Conc: 304.22 ng/ml



#22 AR-1248-2

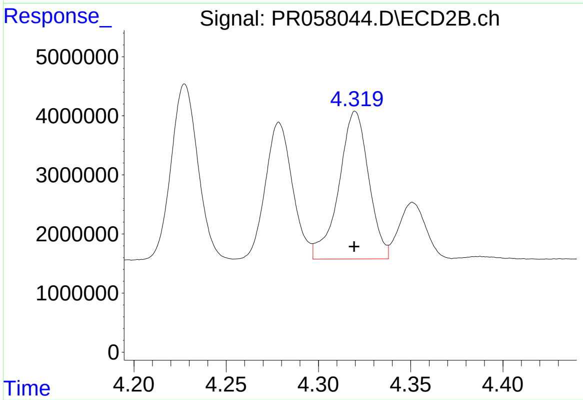
R.T.: 4.279 min
Delta R.T.: 0.000 min
Response: 23716160
Conc: 295.17 ng/ml



#23 AR-1248-3

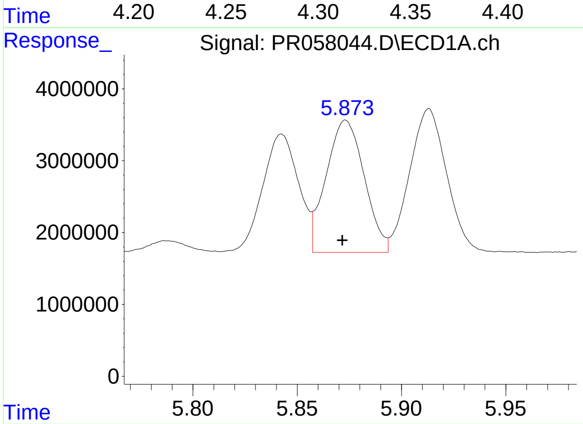
R.T.: 5.437 min
Delta R.T.: 0.001 min
Response: 22978621
Conc: 323.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



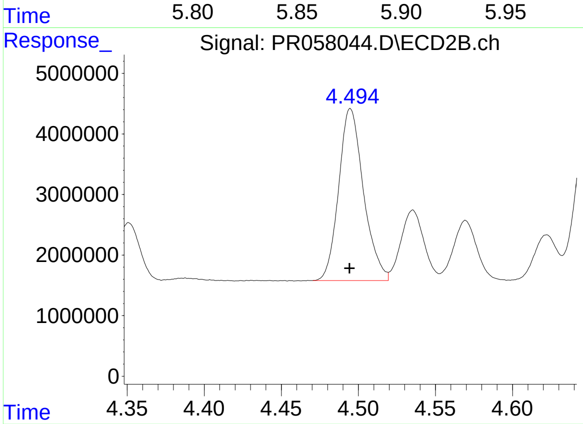
#23 AR-1248-3

R.T.: 4.320 min
Delta R.T.: 0.000 min
Response: 28170936
Conc: 351.75 ng/ml



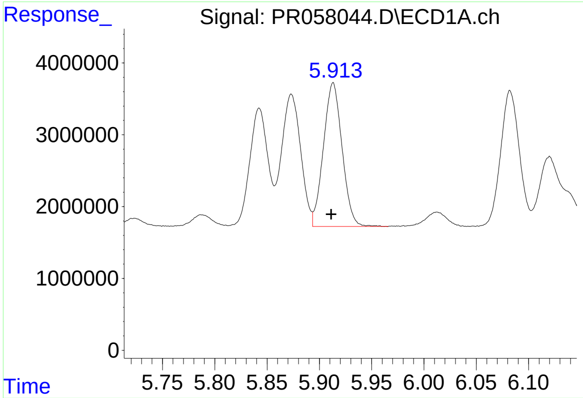
#24 AR-1248-4

R.T.: 5.873 min
Delta R.T.: 0.002 min
Response: 23454098
Conc: 282.78 ng/ml



#24 AR-1248-4

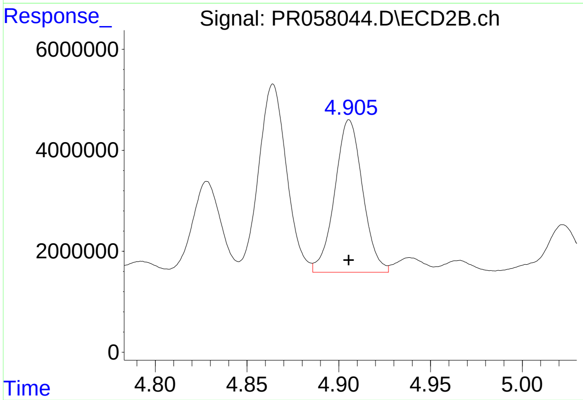
R.T.: 4.495 min
Delta R.T.: 0.000 min
Response: 31792281
Conc: 319.78 ng/ml



#25 AR-1248-5

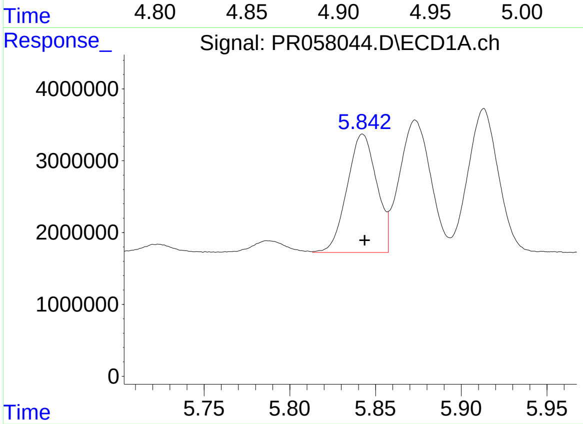
```
      R.T.:    5.913 min
Delta R.T.:    0.002 min
  Response:  24863458
      Conc: 309.00 ng/ml
```

Instrument :
ECD_R
ClientSampleId :



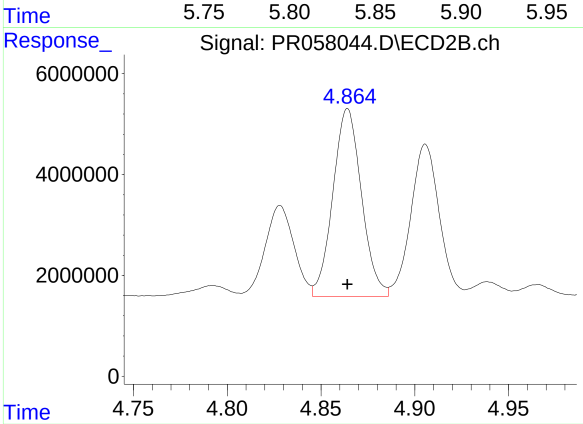
#25 AR-1248-5

```
      R.T.:    4.906 min
Delta R.T.:    0.000 min
  Response:  32059155
      Conc: 317.08 ng/ml
```



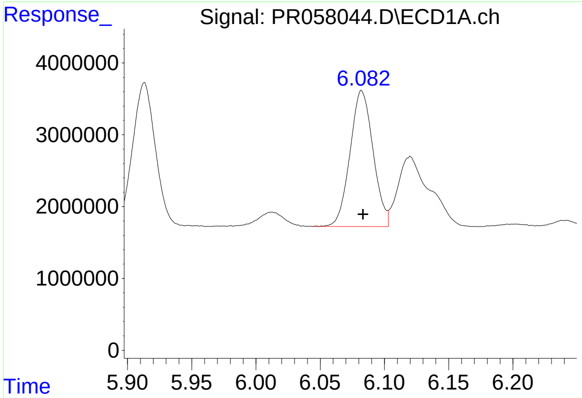
#26 AR-1254-1

```
      R.T.:    5.843 min
Delta R.T.:   -0.001 min
  Response:  19798506
      Conc: 227.45 ng/ml
```



#26 AR-1254-1

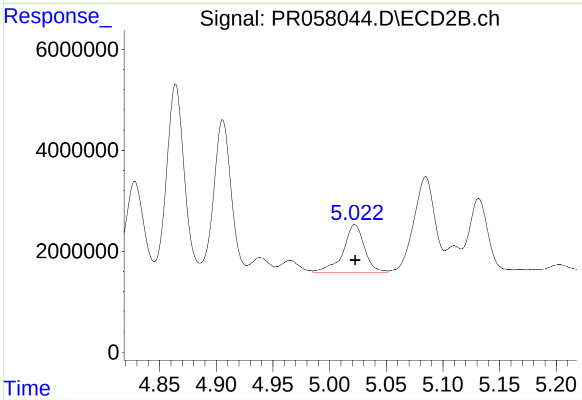
```
      R.T.:    4.864 min
Delta R.T.:    0.000 min
  Response:  39612611
      Conc: 244.29 ng/ml
```



#27 AR-1254-2

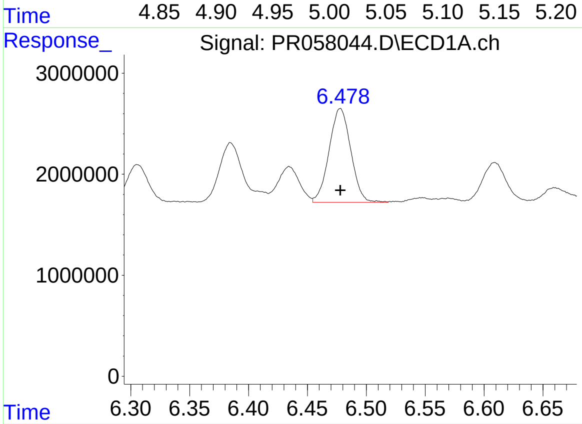
R.T.: 6.082 min
Delta R.T.: -0.001 min
Response: 23674523
Conc: 171.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



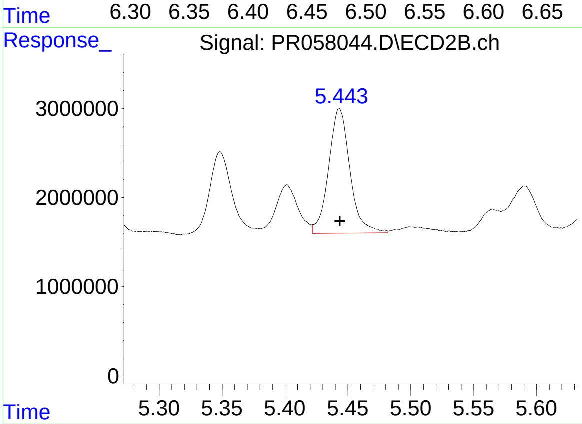
#27 AR-1254-2

R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 12334203
Conc: 85.35 ng/ml



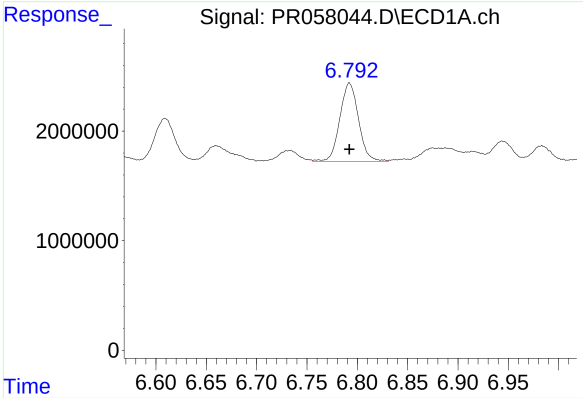
#28 AR-1254-3

R.T.: 6.478 min
Delta R.T.: 0.000 min
Response: 11934047
Conc: 79.66 ng/ml



#28 AR-1254-3

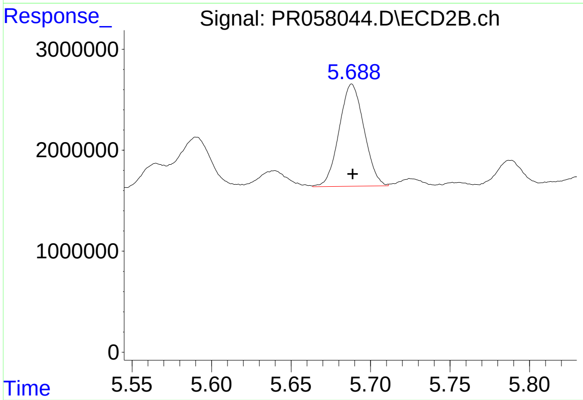
R.T.: 5.443 min
Delta R.T.: 0.000 min
Response: 16470211
Conc: 70.38 ng/ml



#29 AR-1254-4

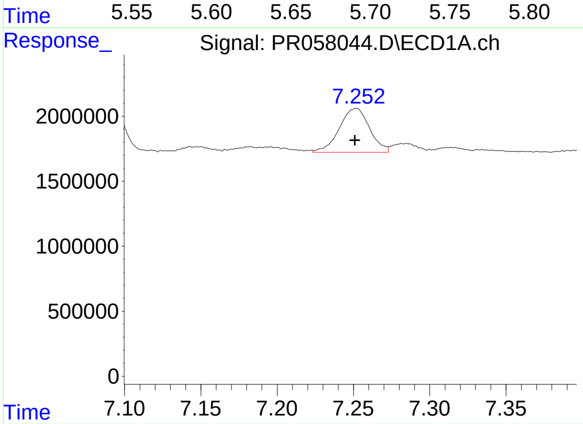
R.T.: 6.792 min
Delta R.T.: 0.000 min
Response: 9306760
Conc: 77.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



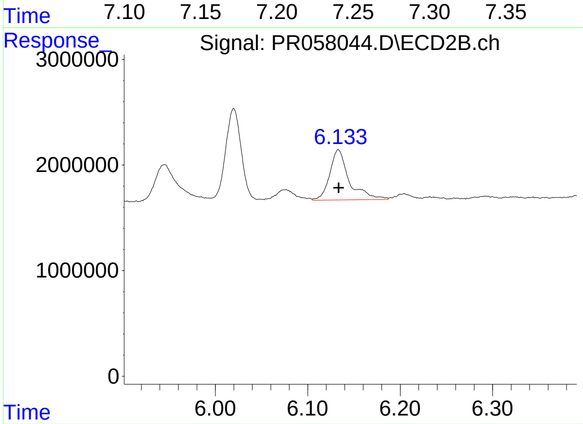
#29 AR-1254-4

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 11046318
Conc: 73.14 ng/ml



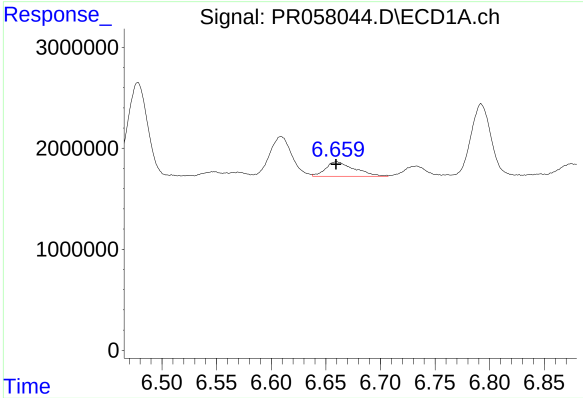
#30 AR-1254-5

R.T.: 7.252 min
Delta R.T.: 0.000 min
Response: 4649279
Conc: 34.29 ng/ml



#30 AR-1254-5

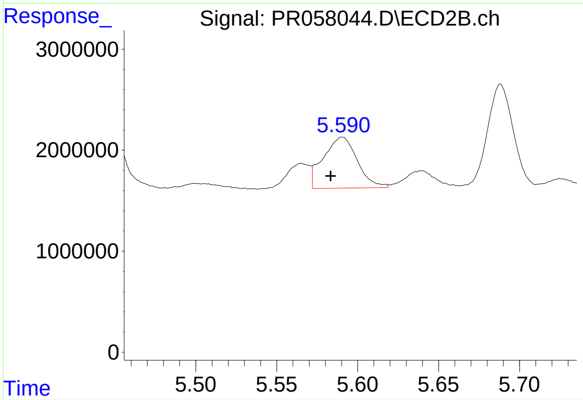
R.T.: 6.133 min
Delta R.T.: 0.000 min
Response: 6964450
Conc: 31.08 ng/ml



#31 AR-1260-1

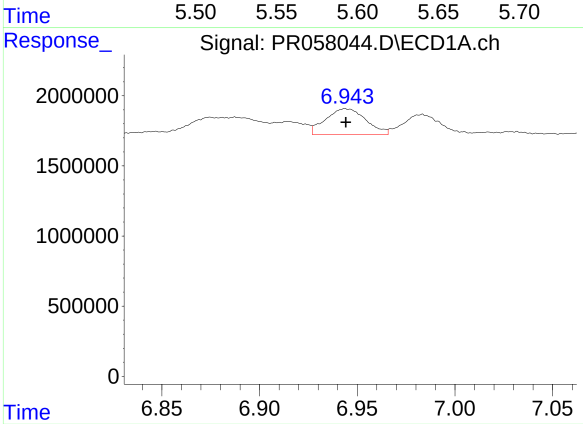
R.T.: 6.660 min
Delta R.T.: 0.000 min
Response: 2623419
Conc: 22.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



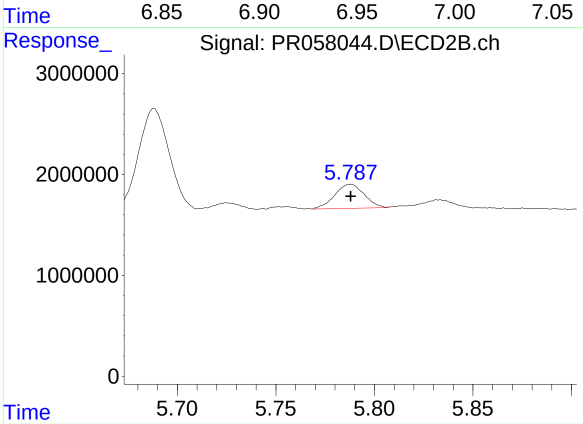
#31 AR-1260-1

R.T.: 5.591 min
Delta R.T.: 0.007 min
Response: 7386524
Conc: 48.53 ng/ml



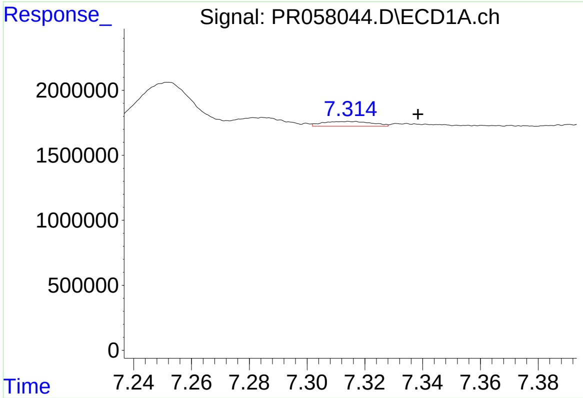
#32 AR-1260-2

R.T.: 6.944 min
Delta R.T.: 0.000 min
Response: 2652625
Conc: 18.70 ng/ml



#32 AR-1260-2

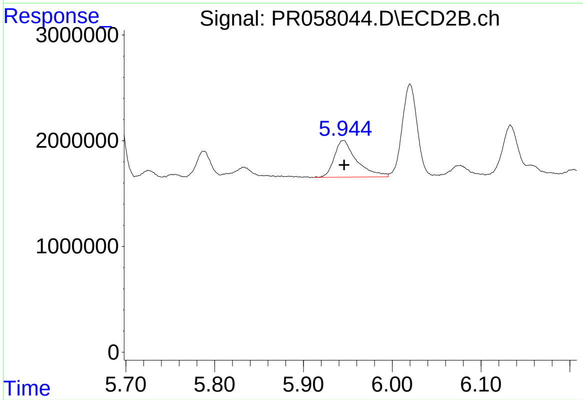
R.T.: 5.788 min
Delta R.T.: 0.000 min
Response: 2470093
Conc: 13.11 ng/ml



#33 AR-1260-3

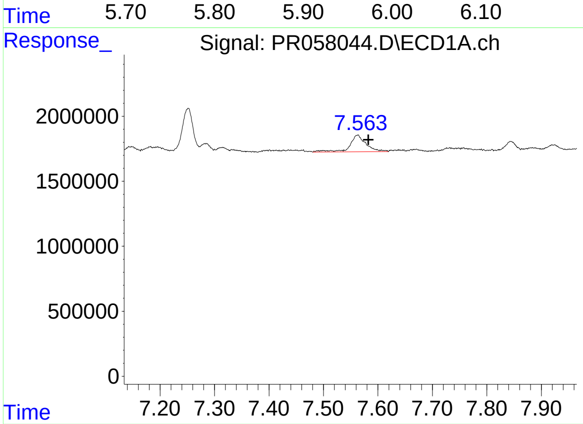
R.T.: 7.315 min
Delta R.T.: -0.024 min
Response: 435286
Conc: 4.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



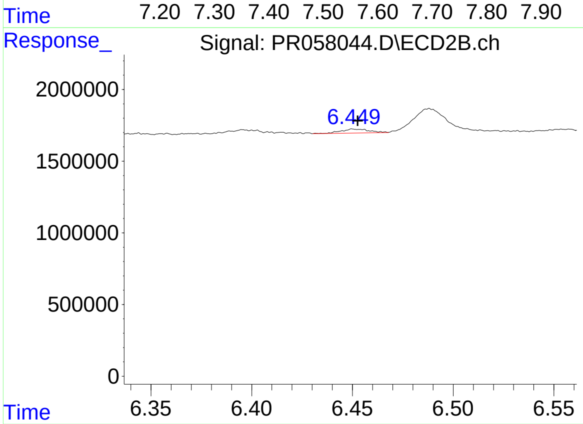
#33 AR-1260-3

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 6108183
Conc: 32.62 ng/ml



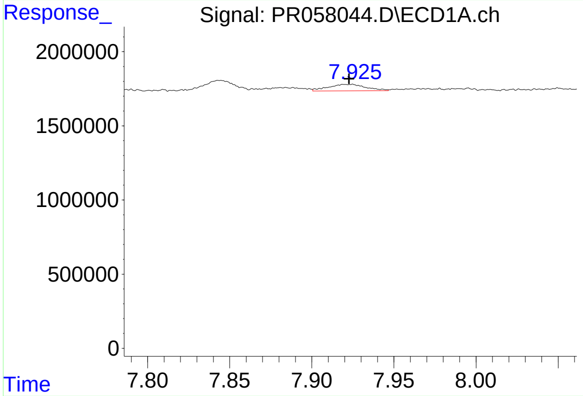
#34 AR-1260-4

R.T.: 7.563 min
Delta R.T.: -0.020 min
Response: 2706660
Conc: 23.57 ng/ml



#34 AR-1260-4

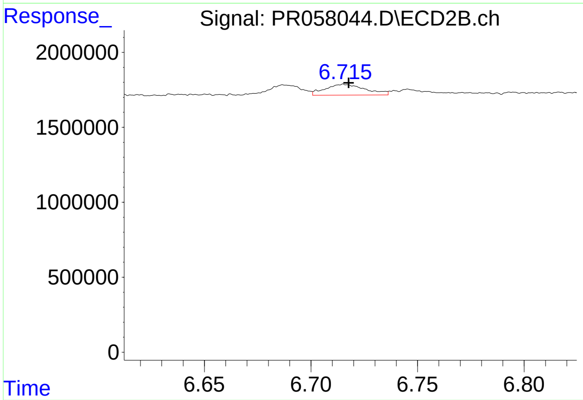
R.T.: 6.451 min
Delta R.T.: -0.002 min
Response: 268199
Conc: 2.05 ng/ml



#35 AR-1260-5

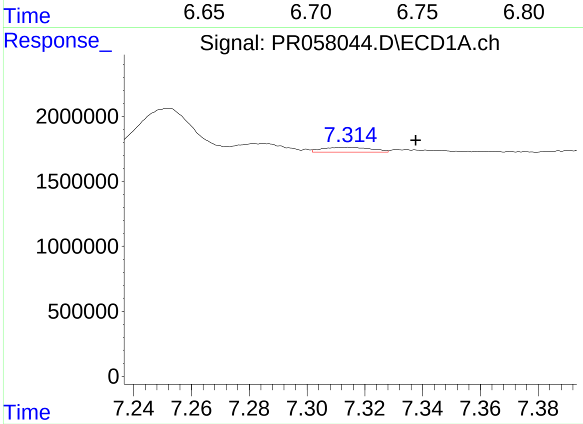
R.T.: 7.922 min
Delta R.T.: 0.000 min
Response: 705180
Conc: 3.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



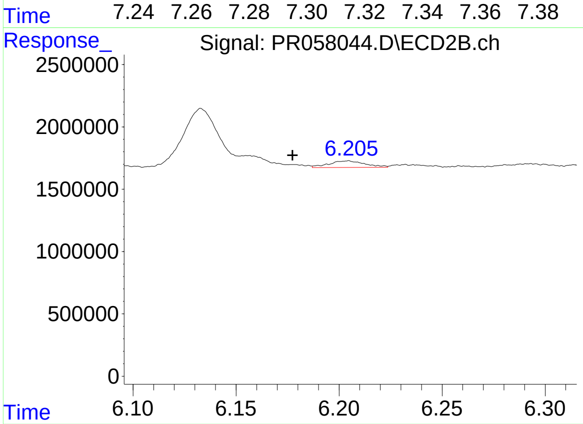
#35 AR-1260-5

R.T.: 6.715 min
Delta R.T.: -0.002 min
Response: 952275
Conc: 3.04 ng/ml



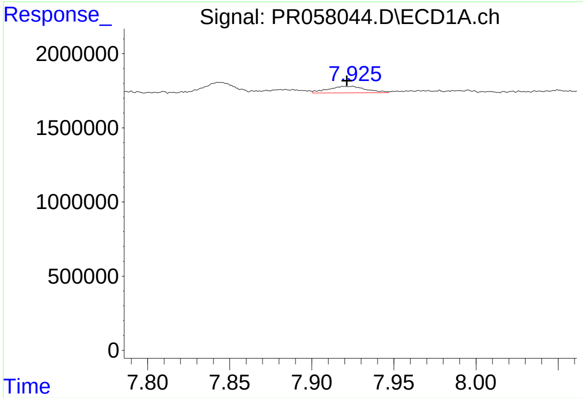
#36 AR-1262-1

R.T.: 7.315 min
Delta R.T.: -0.023 min
Response: 435286
Conc: 2.92 ng/ml



#36 AR-1262-1

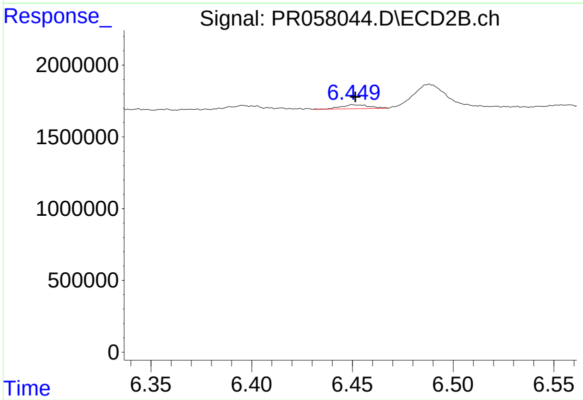
R.T.: 6.204 min
Delta R.T.: 0.027 min
Response: 643869
Conc: 3.00 ng/ml



#37 AR-1262-2

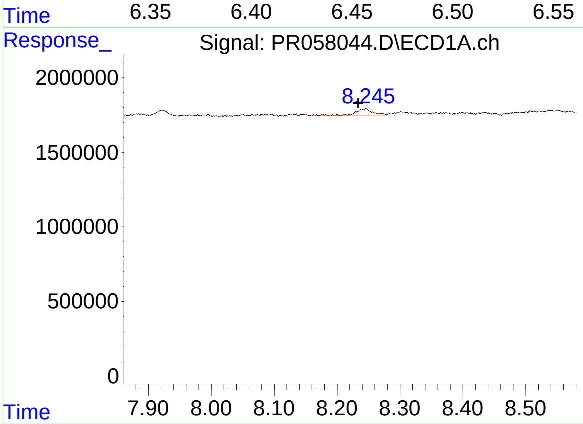
R.T.: 7.922 min
Delta R.T.: 0.000 min
Response: 705180
Conc: 2.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



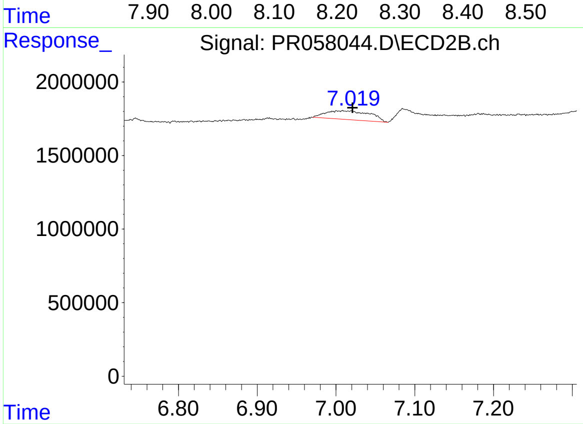
#37 AR-1262-2

R.T.: 6.451 min
Delta R.T.: 0.000 min
Response: 268199
Conc: 1.37 ng/ml



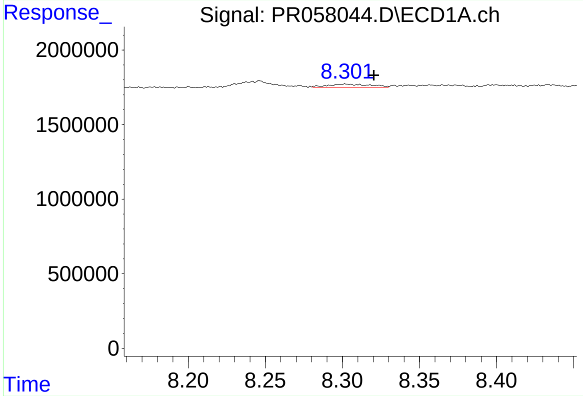
#38 AR-1262-3

R.T.: 8.245 min
Delta R.T.: 0.012 min
Response: 761032
Conc: 4.11 ng/ml



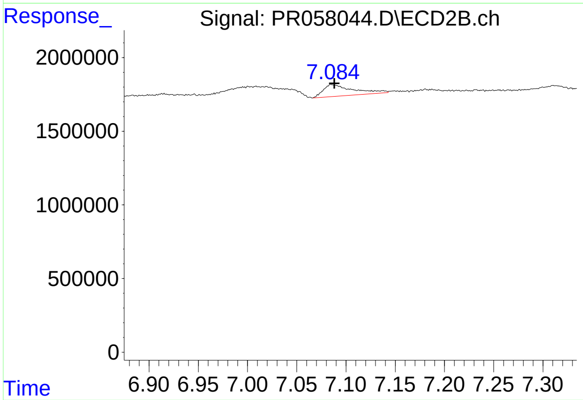
#38 AR-1262-3

R.T.: 7.009 min
Delta R.T.: -0.012 min
Response: 2335848
Conc: 15.39 ng/ml

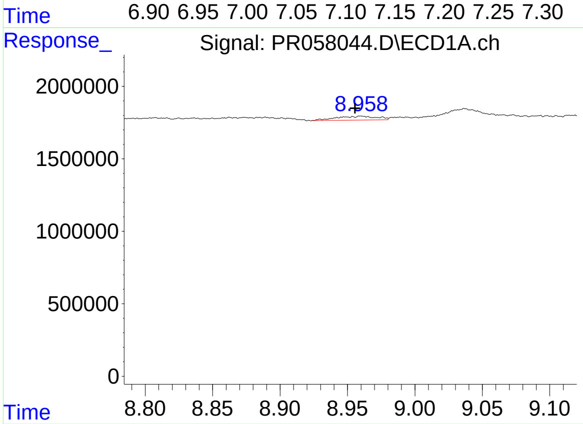



```
#39   AR-1262-4

      R.T.:    8.302 min
Delta R.T.:   -0.018 min
  Response:    411278
      Conc:   2.91 ng/ml
```

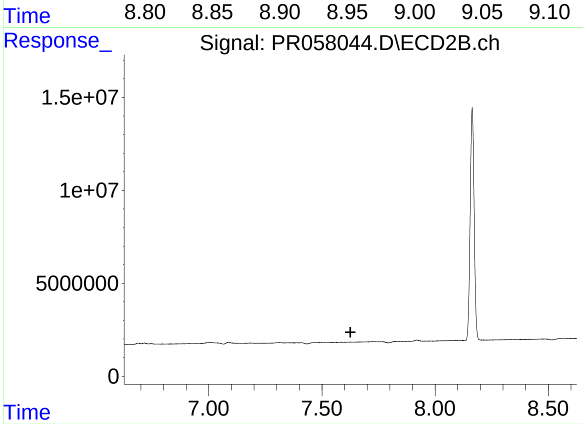
Instrument :
ECD_R
ClientSampleId :



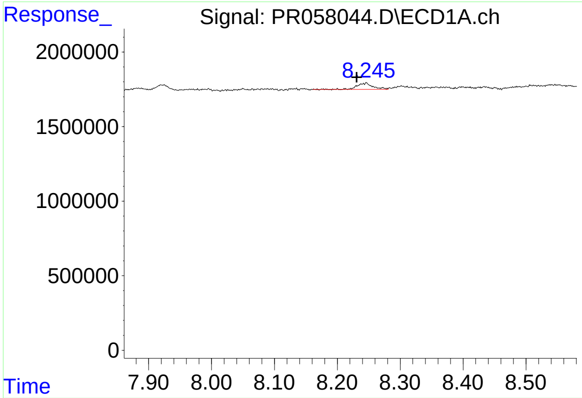

```
#39   AR-1262-4

      R.T.:    7.085 min
Delta R.T.:   -0.003 min
  Response:   1691006
      Conc:   5.60 ng/ml
```




```
#40   AR-1262-5

      R.T.:    8.960 min
Delta R.T.:    0.005 min
  Response:    560243
      Conc:   5.50 ng/ml
```



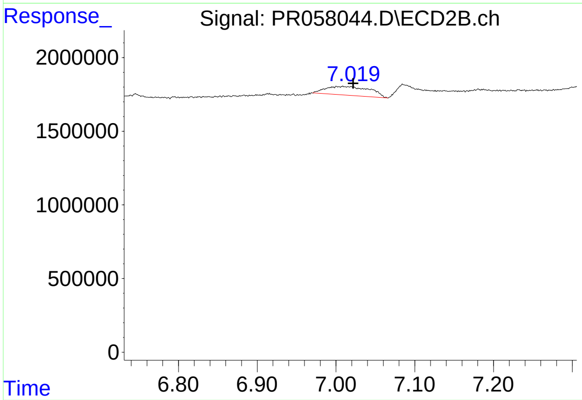

```
#40   AR-1262-5

      R.T.:    0.000 min
Exp R.T.  :    7.626 min
  Response:         0
      Conc:   N.D.
```



#41 AR-1268-1

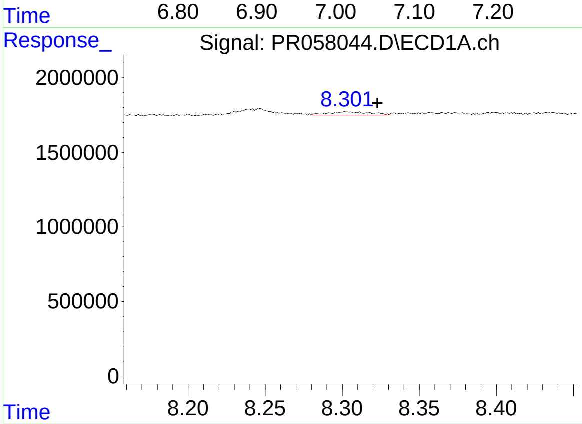
R.T.: 8.245 min
Delta R.T.: 0.014 min
Response: 761032
Conc: 2.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



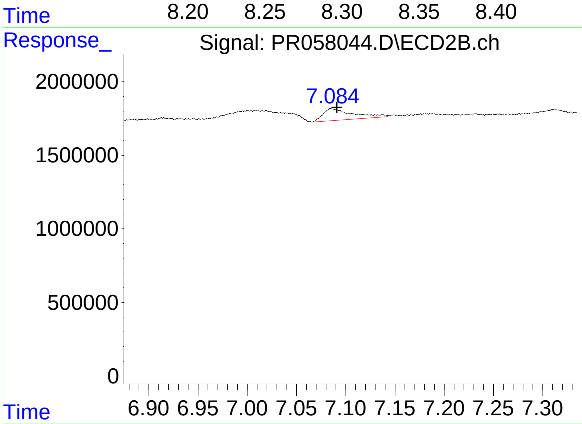
#41 AR-1268-1

R.T.: 7.009 min
Delta R.T.: -0.013 min
Response: 2335848
Conc: 4.88 ng/ml



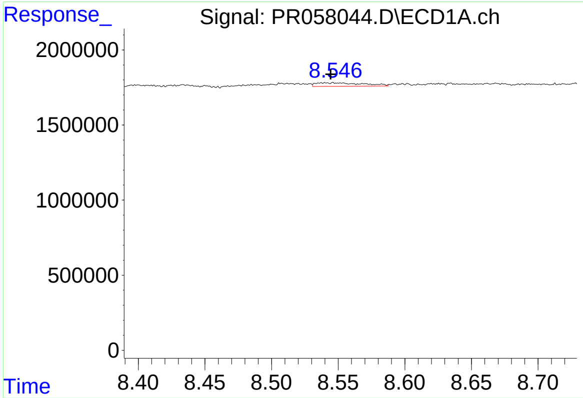
#42 AR-1268-2

R.T.: 8.302 min
Delta R.T.: -0.021 min
Response: 411278
Conc: 1.41 ng/ml



#42 AR-1268-2

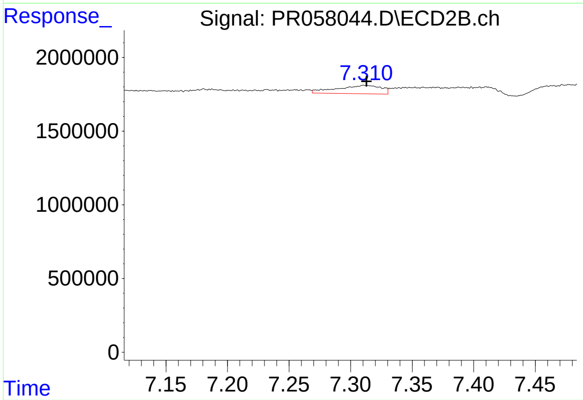
R.T.: 7.085 min
Delta R.T.: -0.005 min
Response: 1691006
Conc: 3.97 ng/ml



#43 AR-1268-3

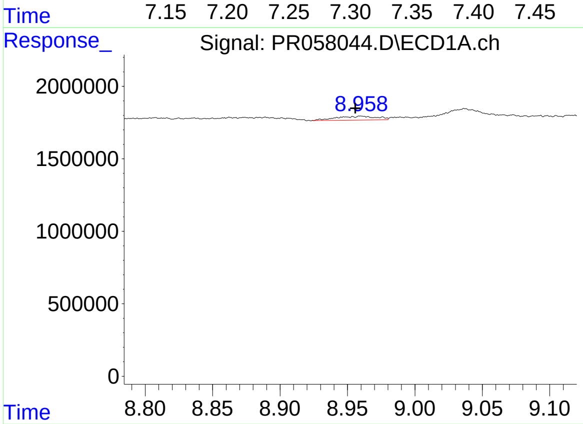
```
      R.T.:    8.546 min
Delta R.T.:    0.001 min
  Response:    581206
      Conc:   2.34 ng/ml
```

Instrument :
ECD_R
ClientSampleId :



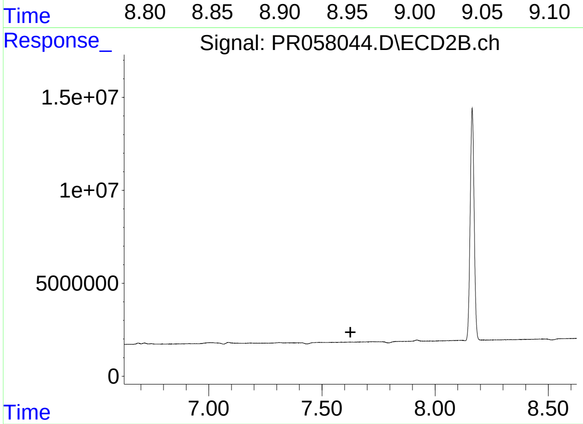
#43 AR-1268-3

```
      R.T.:    7.311 min
Delta R.T.:   -0.002 min
  Response:   1437258
      Conc:   4.01 ng/ml
```



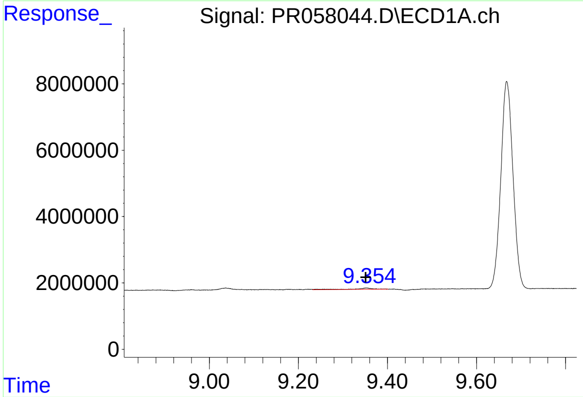
#44 AR-1268-4

```
      R.T.:    8.960 min
Delta R.T.:    0.004 min
  Response:    560243
      Conc:   4.88 ng/ml
```



#44 AR-1268-4

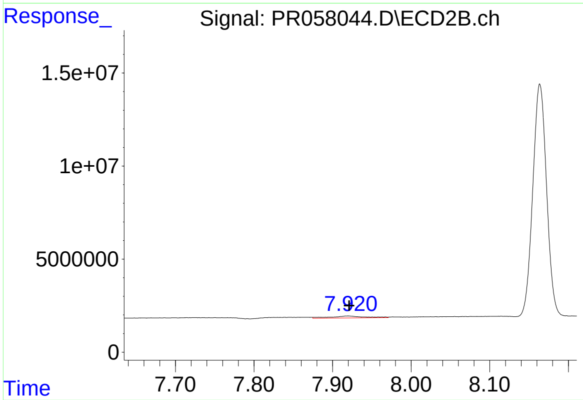
```
      R.T.:    0.000 min
Exp R.T.  :    7.626 min
  Response:         0
      Conc:   N.D.
```



#45 AR-1268-5

R.T.: 9.353 min
Delta R.T.: 0.001 min
Response: 1303939
Conc: 1.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.920 min
Delta R.T.: -0.001 min
Response: 3323526
Conc: 2.79 ng/ml