Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO092923\
Data File : PO098398.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Sep 2023 11:53
Operator : YP/AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 29 18:38:37 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO092723.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Sep 28 01:18:56 2023
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...	4.484	3.637	92354760	38156570	48.097	48.990	
2) SA	Decachlor...	10.299	8.650	59530017	27161065	49.042	50.696	
	Target Compounds							
3) L1	AR-1016-1	5.660	4.723	939515	387168	17.384	16.221	
4) L1	AR-1016-2	5.688	4.741	1149758	324169	14.162	9.520	#
5) L1	AR-1016-3	5.745	4.919	451215	227740	9.018	12.660	#
6) L1	AR-1016-4	5.845	4.959	423139	8431575	10.822	562.431	#
7) L1	AR-1016-5	6.140	5.172	10511452	4915577	255.623	253.114	
8) L2	AR-1221-1	4.670	3.871	139792	59455	6.209	6.471	
9) L2	AR-1221-2	4.793	3.938	1491195	580200	88.378	87.255	
10) L2	AR-1221-3	4.856	4.011	228653	131610	4.675	6.524	#
11) L3	AR-1232-1	4.856	4.011	228653	131610	5.598	7.830	#
12) L3	AR-1232-2	5.391	4.741	483088	324169	22.336	21.573	
13) L3	AR-1232-3	5.688	4.919	1149758	227740	32.343	29.098	
14) L3	AR-1232-4	5.845	5.000	423139	2636414	24.925	350.628	#
15) L3	AR-1232-5	5.935	5.172	18709029	4915577	1314.039	607.632	#
16) L4	AR-1242-1	5.660	4.723	939515	387168	20.632	18.493	
17) L4	AR-1242-2	5.688	4.741	1149758	324169	16.787	11.149	#
18) L4	AR-1242-3	5.745	4.919	451215	227740	10.655	14.572	#
19) L4	AR-1242-4	5.845	5.000	423139	2636414	12.896	159.181	#
20) L4	AR-1242-5	6.588	5.525	10242713	18445765	289.169	993.927	#
21) L5	AR-1248-1	5.660	4.723	939515	387168	27.761	24.706	
22) L5	AR-1248-2	5.935	4.959	18709029	8431575	361.256	383.137	
23) L5	AR-1248-3	6.140	5.000	10511452	2636414	186.000	112.284	#
24) L5	AR-1248-4	6.545	5.172	13760180	4915577	242.733	184.282	
25) L5	AR-1248-5	6.588	5.566	10242713	2252937	173.171	95.477	#
26) L6	AR-1254-1	6.518	5.525	30625489	18445765	484.859	481.060	
27) L6	AR-1254-2	6.739	5.673	45262248	16208695	471.641	470.802	
28) L6	AR-1254-3	7.106	6.078	44989315	25073373	478.139	482.535	
29) L6	AR-1254-4	7.393	6.307	28655258	13384237	492.152	487.615	
30) L6	AR-1254-5	7.813	6.725	34266974	21238940	490.616	490.303	
31) L7	AR-1260-1	7.271	6.208	18915096	12324648	260.127	335.908	#
32) L7	AR-1260-2	7.528	6.396	20526368	9448062	249.285	225.166	
33) L7	AR-1260-3	7.873	6.549	5883305	10239483	95.103	255.878	#
34) L7	AR-1260-4	8.102	7.022	14031538	1115480	208.144	34.639	#
35) L7	AR-1260-5	8.441	7.265	5258762	2459125	40.477	35.100	
36) L8	AR-1262-1	7.873	6.794	5883305	1804860	67.647	39.875	#
37) L8	AR-1262-2	8.441	7.022	5258762	1115480	37.282	27.663	#
38) L8	AR-1262-3	8.775	7.550	3591322	268048	36.374	8.635	#
39) L8	AR-1262-4	8.862	7.610	182457	2244122	2.378	41.425	#
40) L8	AR-1262-5	9.523	8.106	259048	35940	5.340	1.455	#
41) L9	AR-1268-1	8.775	7.550	3591322	268048	20.682	2.933	#

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO092923\
Data File : PO098398.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Sep 2023 11:53
Operator : YP/AJ
Sample : AR1254CCC500
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 29 18:38:37 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO092723.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Sep 28 01:18:56 2023
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

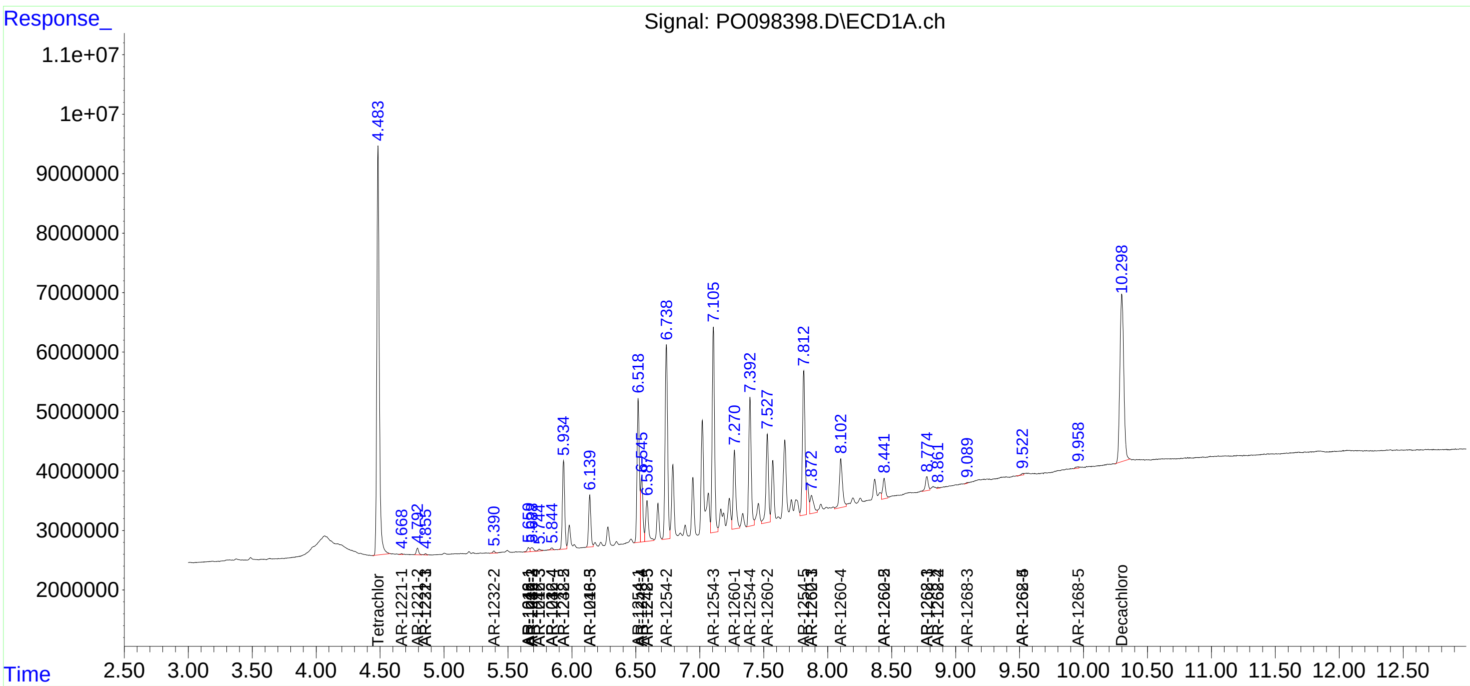
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	8.862	7.610	182457	2244122	1.170	28.942 #
43)	L9 AR-1268-3	9.090	7.823	135095	150072	0.988	2.265 #
44)	L9 AR-1268-4	9.523	8.106	259048	35940	4.863	1.328 #
45)	L9 AR-1268-5	9.958	8.396	434647	220225	0.990	1.113

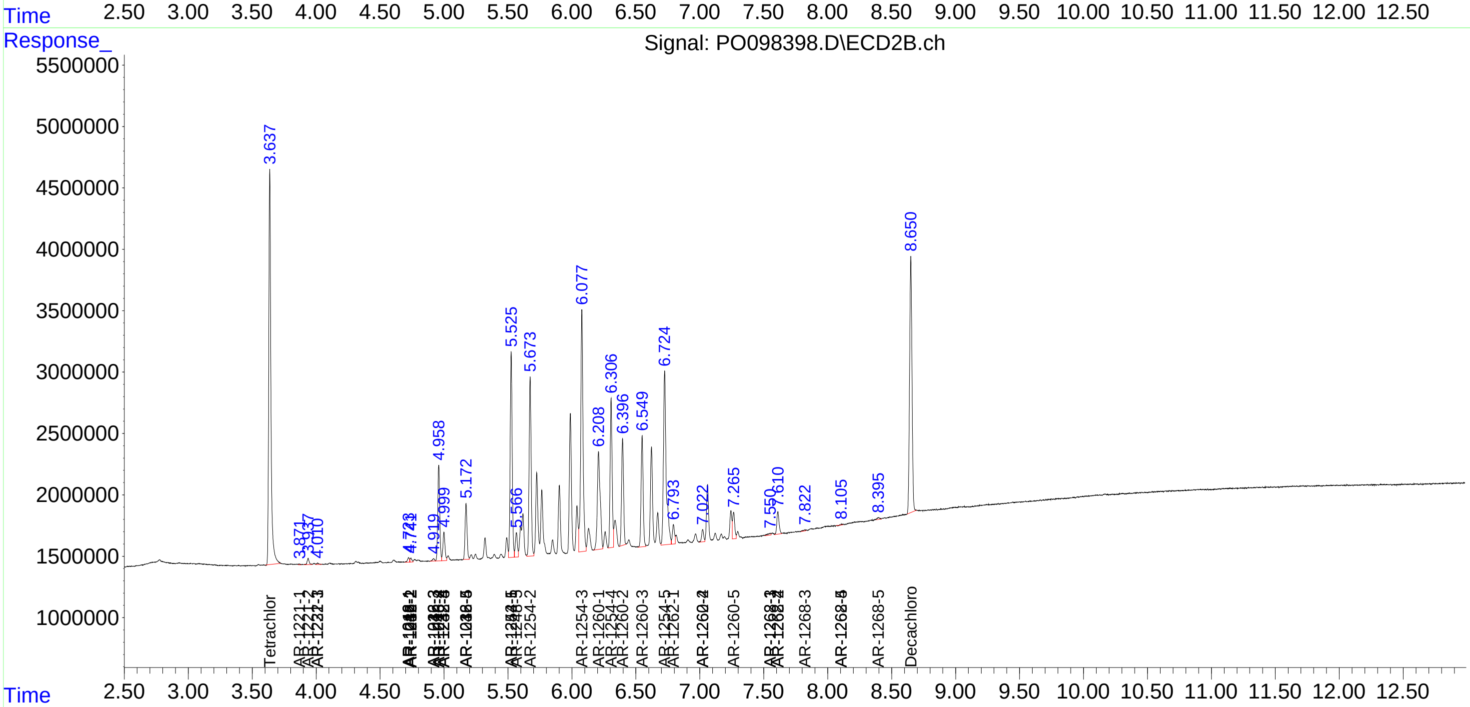
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

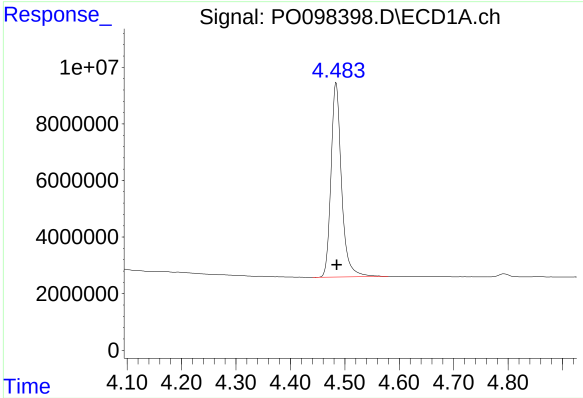
Quantitation Report (Not Reviewed)

```
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO092923\
Data File : PO098398.D
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch
Acq On    : 29 Sep 2023  11:53
Operator  : YP/AJ
Sample    : AR1254CCC500
Misc      :
ALS Vial  : 6   Sample Multiplier: 1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 29 18:38:37 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO092723.M
Quant Title  : GC EXTRACTABLES
QLast Update : Thu Sep 28 01:18:56 2023
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_O
ClientSampleId :



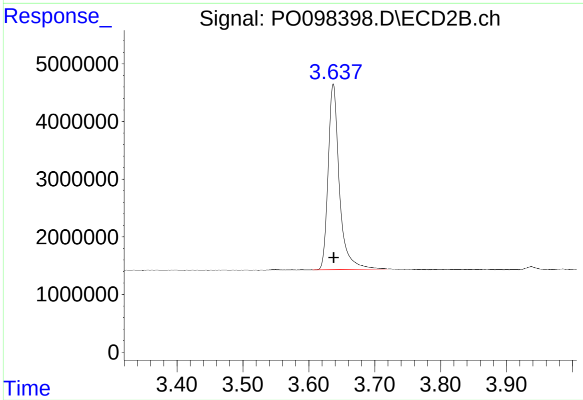




#1 Tetrachloro-m-xylene

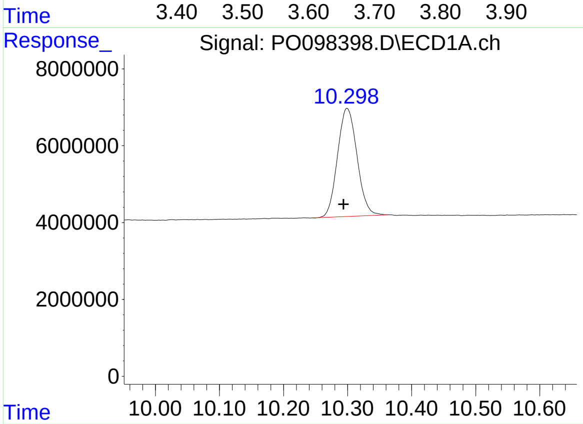
R.T.: 4.484 min
Delta R.T.: 0.000 min
Response: 92354760
Conc: 48.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



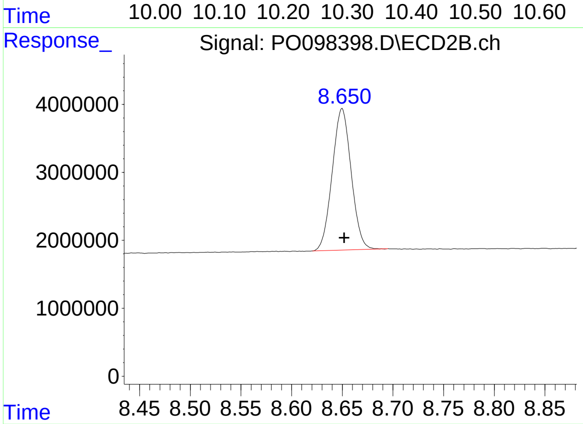
#1 Tetrachloro-m-xylene

R.T.: 3.637 min
Delta R.T.: 0.000 min
Response: 38156570
Conc: 48.99 ng/ml



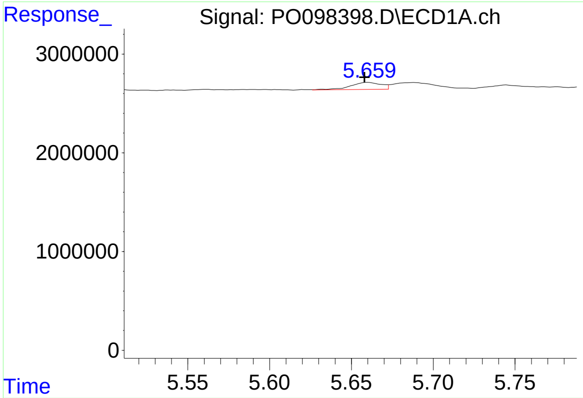
#2 Decachlorobiphenyl

R.T.: 10.299 min
Delta R.T.: 0.006 min
Response: 59530017
Conc: 49.04 ng/ml



#2 Decachlorobiphenyl

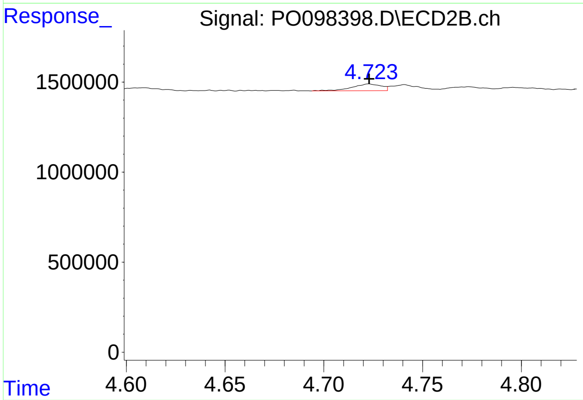
R.T.: 8.650 min
Delta R.T.: -0.002 min
Response: 27161065
Conc: 50.70 ng/ml



#3 AR-1016-1

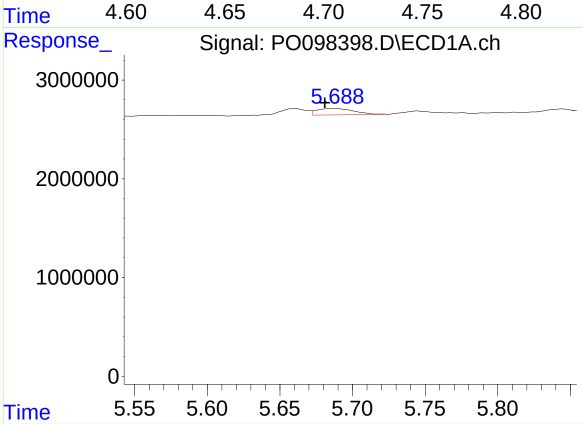
R.T.: 5.660 min
Delta R.T.: 0.002 min
Response: 939515
Conc: 17.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



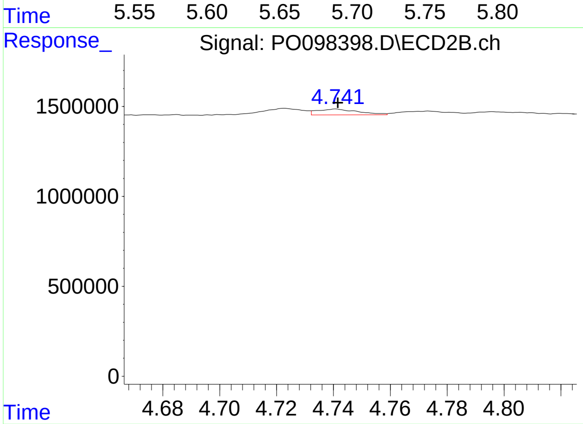
#3 AR-1016-1

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 387168
Conc: 16.22 ng/ml



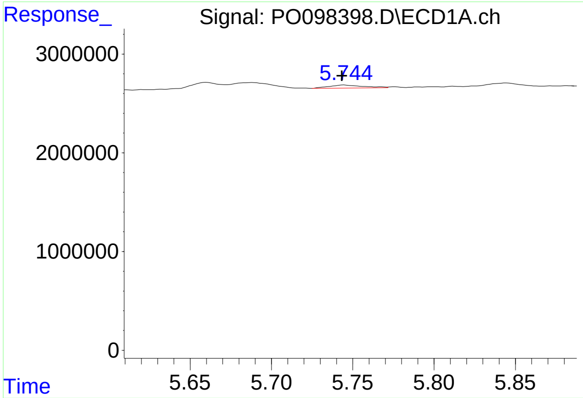
#4 AR-1016-2

R.T.: 5.688 min
Delta R.T.: 0.007 min
Response: 1149758
Conc: 14.16 ng/ml



#4 AR-1016-2

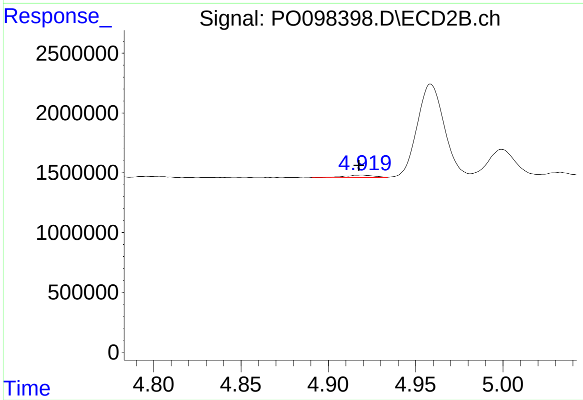
R.T.: 4.741 min
Delta R.T.: 0.000 min
Response: 324169
Conc: 9.52 ng/ml



#5 AR-1016-3

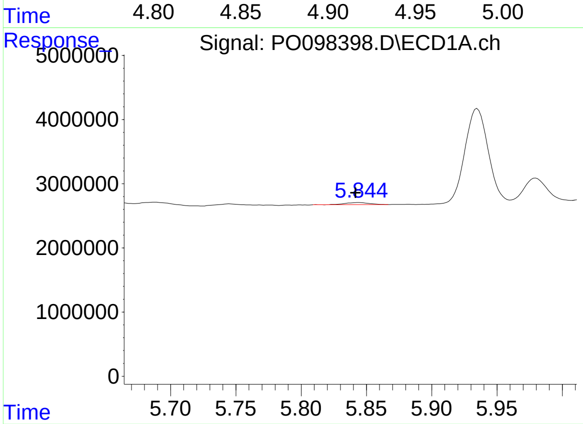
R.T.: 5.745 min
Delta R.T.: 0.002 min
Response: 451215
Conc: 9.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



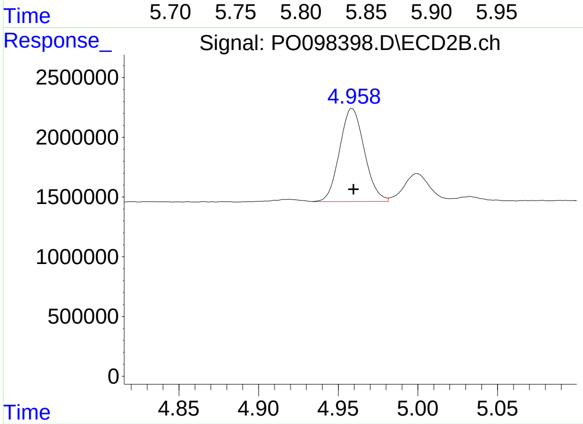
#5 AR-1016-3

R.T.: 4.919 min
Delta R.T.: 0.002 min
Response: 227740
Conc: 12.66 ng/ml



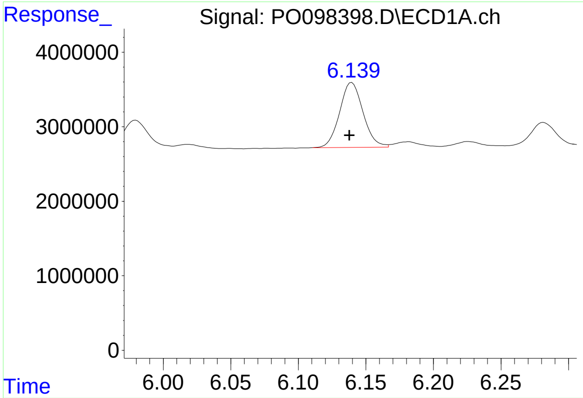
#6 AR-1016-4

R.T.: 5.845 min
Delta R.T.: 0.003 min
Response: 423139
Conc: 10.82 ng/ml



#6 AR-1016-4

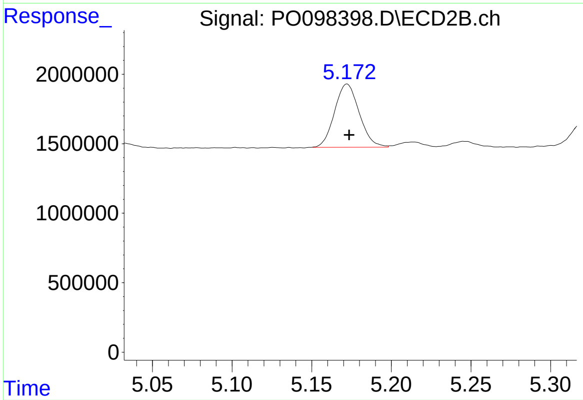
R.T.: 4.959 min
Delta R.T.: 0.000 min
Response: 8431575
Conc: 562.43 ng/ml



#7 AR-1016-5

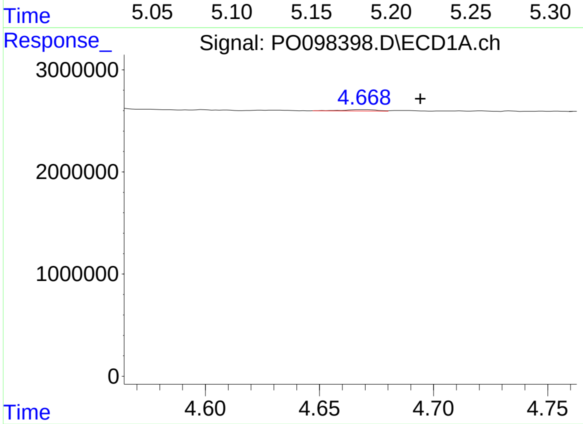
R.T.: 6.140 min
Delta R.T.: 0.002 min
Response: 10511452
Conc: 255.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



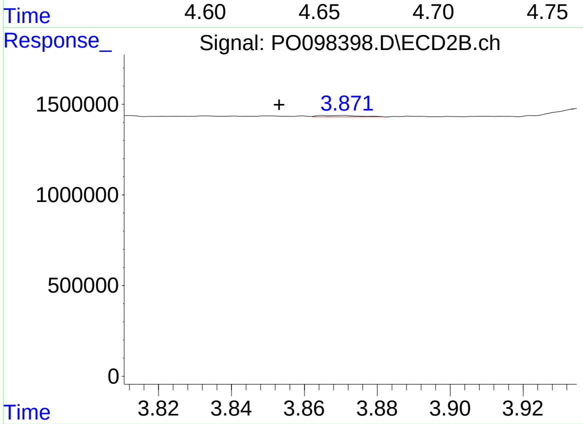
#7 AR-1016-5

R.T.: 5.172 min
Delta R.T.: -0.001 min
Response: 4915577
Conc: 253.11 ng/ml



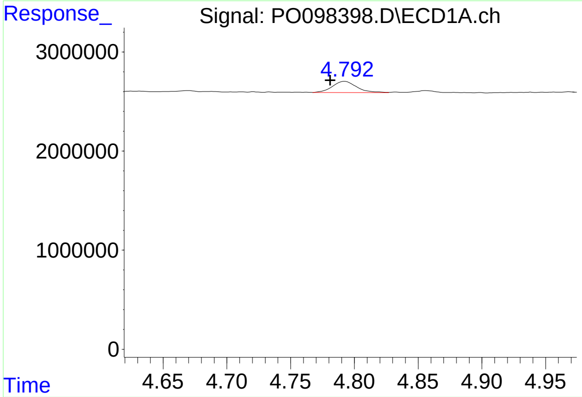
#8 AR-1221-1

R.T.: 4.670 min
Delta R.T.: -0.025 min
Response: 139792
Conc: 6.21 ng/ml



#8 AR-1221-1

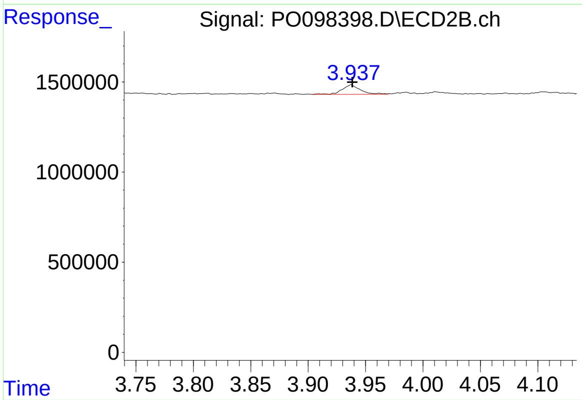
R.T.: 3.871 min
Delta R.T.: 0.018 min
Response: 59455
Conc: 6.47 ng/ml



#9 AR-1221-2

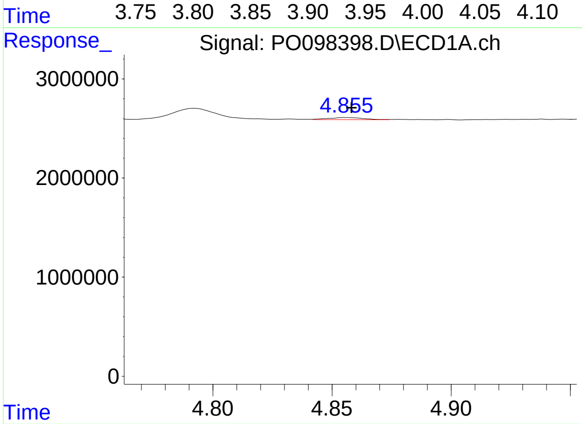
R.T.: 4.793 min
Delta R.T.: 0.012 min
Response: 1491195
Conc: 88.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



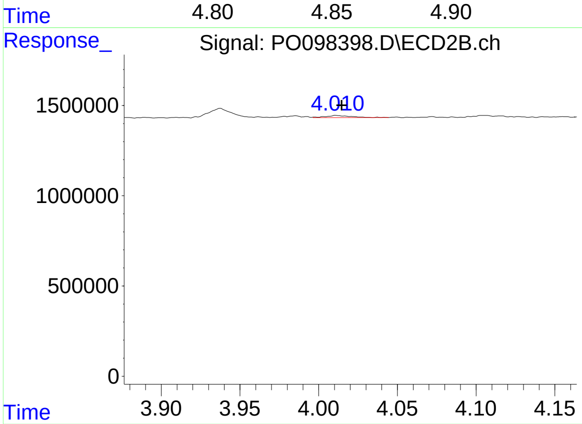
#9 AR-1221-2

R.T.: 3.938 min
Delta R.T.: 0.000 min
Response: 580200
Conc: 87.25 ng/ml



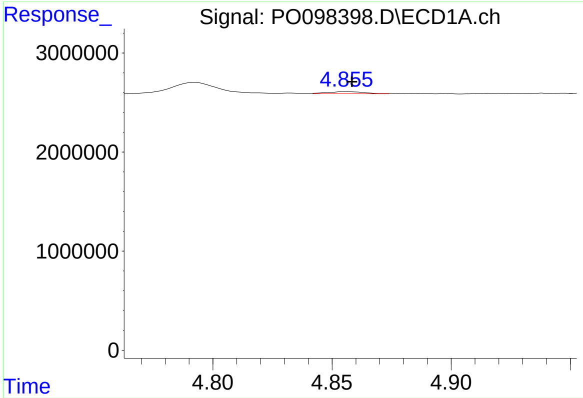
#10 AR-1221-3

R.T.: 4.856 min
Delta R.T.: -0.002 min
Response: 228653
Conc: 4.68 ng/ml



#10 AR-1221-3

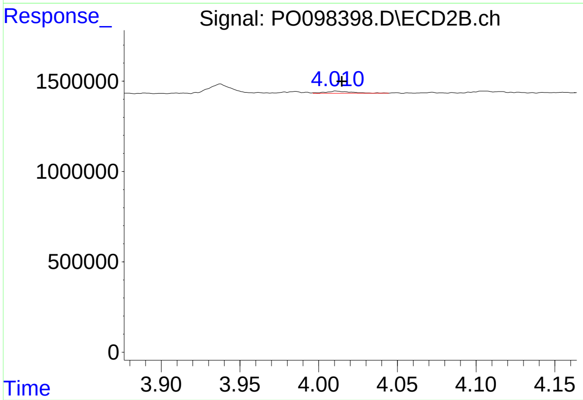
R.T.: 4.011 min
Delta R.T.: -0.003 min
Response: 131610
Conc: 6.52 ng/ml



#11 AR-1232-1

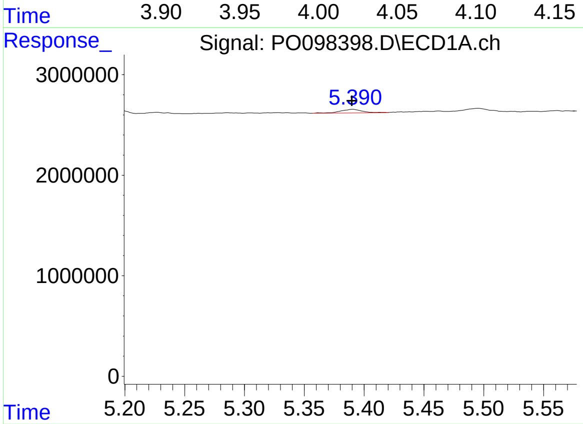
R.T.: 4.856 min
Delta R.T.: -0.002 min
Response: 228653
Conc: 5.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



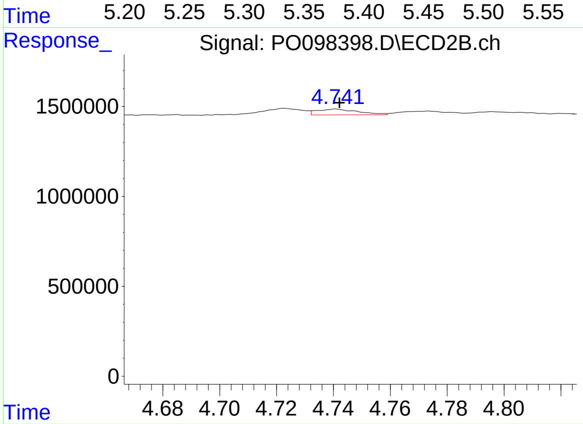
#11 AR-1232-1

R.T.: 4.011 min
Delta R.T.: -0.003 min
Response: 131610
Conc: 7.83 ng/ml



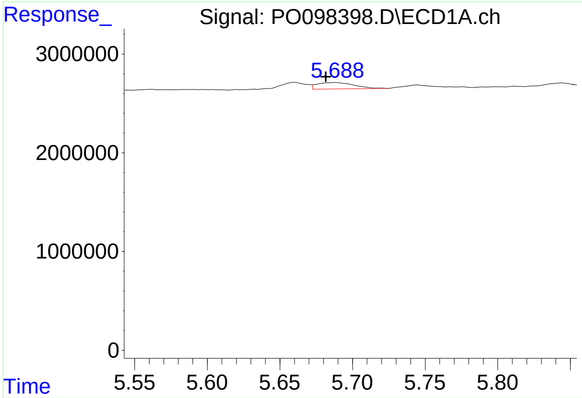
#12 AR-1232-2

R.T.: 5.391 min
Delta R.T.: 0.000 min
Response: 483088
Conc: 22.34 ng/ml



#12 AR-1232-2

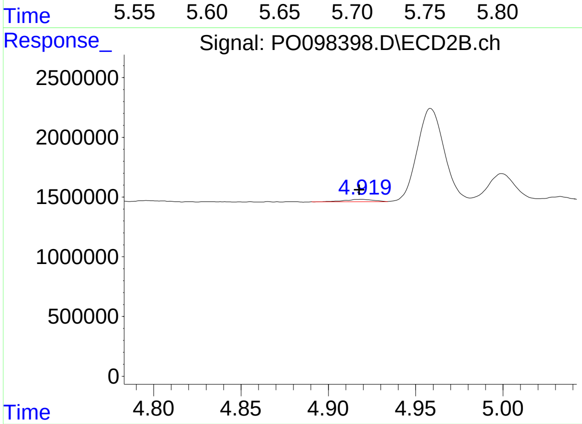
R.T.: 4.741 min
Delta R.T.: -0.001 min
Response: 324169
Conc: 21.57 ng/ml



#13 AR-1232-3

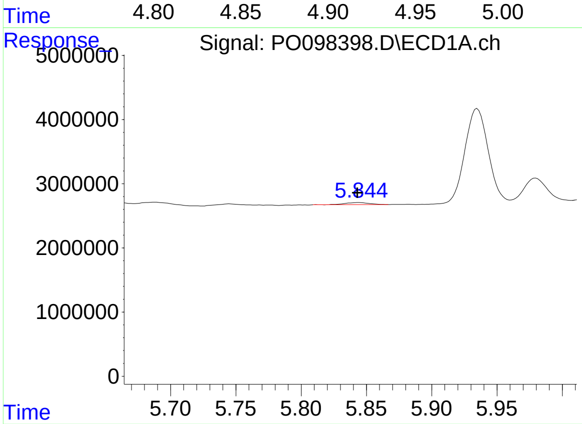
R.T.: 5.688 min
Delta R.T.: 0.007 min
Response: 1149758
Conc: 32.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



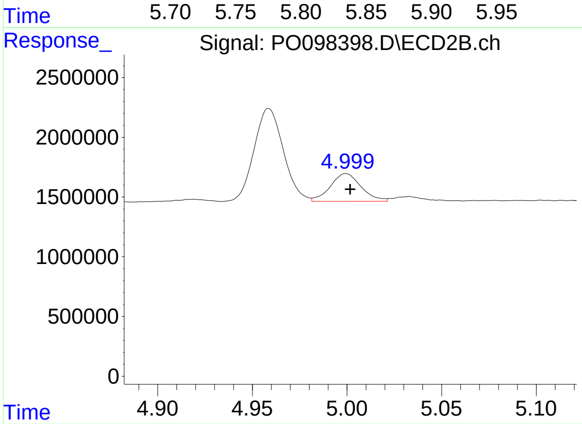
#13 AR-1232-3

R.T.: 4.919 min
Delta R.T.: 0.001 min
Response: 227740
Conc: 29.10 ng/ml



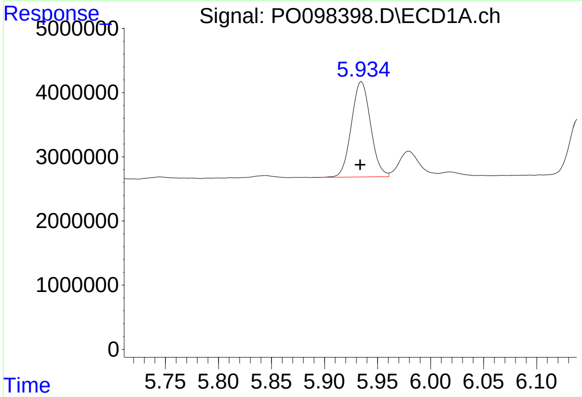
#14 AR-1232-4

R.T.: 5.845 min
Delta R.T.: 0.002 min
Response: 423139
Conc: 24.92 ng/ml



#14 AR-1232-4

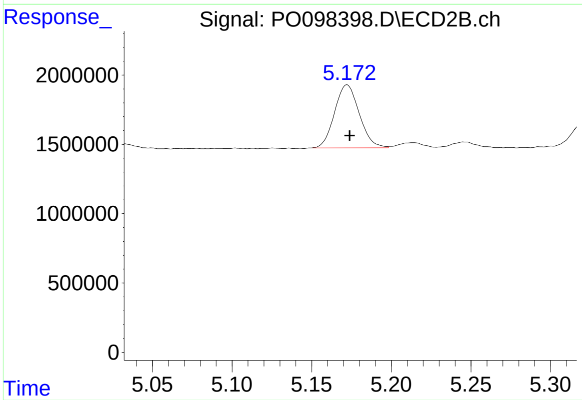
R.T.: 5.000 min
Delta R.T.: -0.002 min
Response: 2636414
Conc: 350.63 ng/ml



#15 AR-1232-5

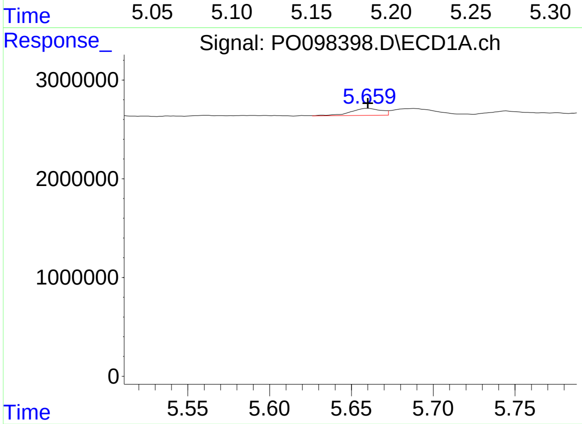
R.T.: 5.935 min
Delta R.T.: 0.001 min
Response: 18709029
Conc: 1314.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



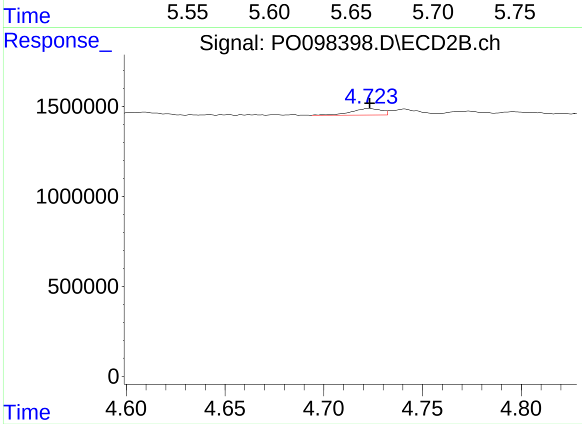
#15 AR-1232-5

R.T.: 5.172 min
Delta R.T.: -0.002 min
Response: 4915577
Conc: 607.63 ng/ml



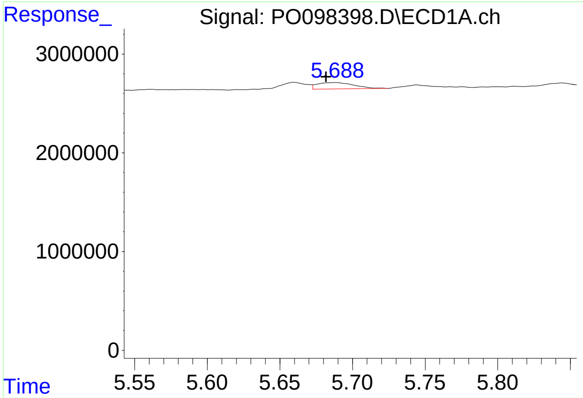
#16 AR-1242-1

R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 939515
Conc: 20.63 ng/ml



#16 AR-1242-1

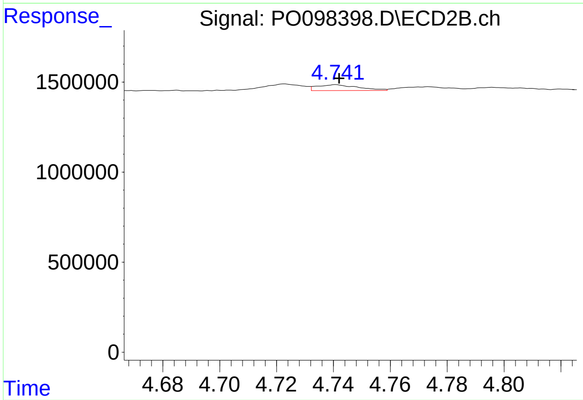
R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 387168
Conc: 18.49 ng/ml



#17 AR-1242-2

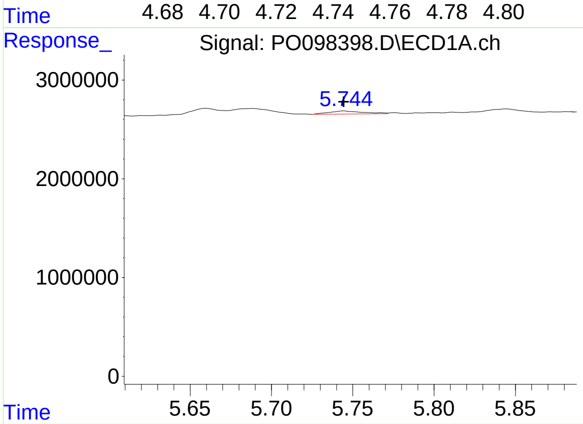
R.T.: 5.688 min
Delta R.T.: 0.007 min
Response: 1149758
Conc: 16.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



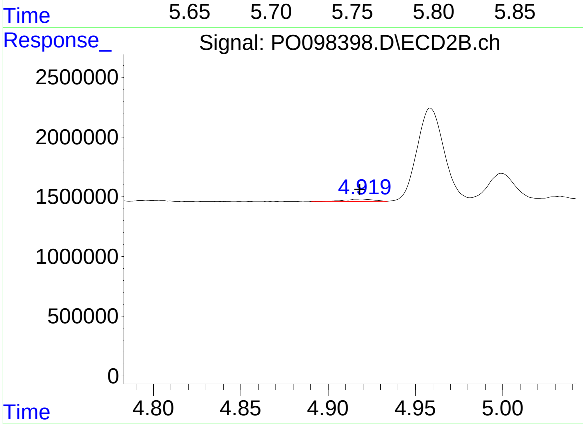
#17 AR-1242-2

R.T.: 4.741 min
Delta R.T.: -0.001 min
Response: 324169
Conc: 11.15 ng/ml



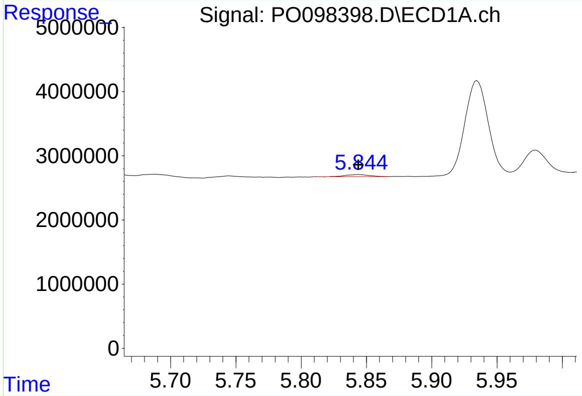
#18 AR-1242-3

R.T.: 5.745 min
Delta R.T.: 0.000 min
Response: 451215
Conc: 10.66 ng/ml



#18 AR-1242-3

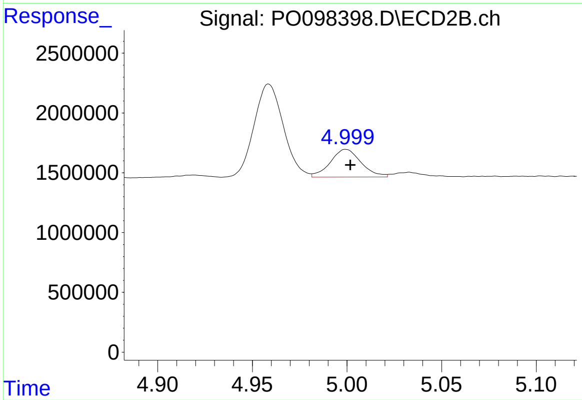
R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 227740
Conc: 14.57 ng/ml



#19 AR-1242-4

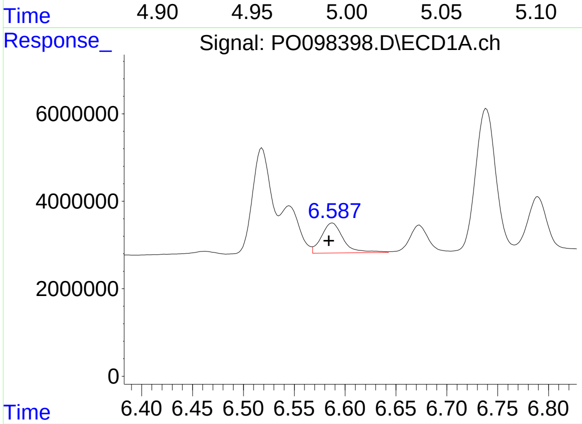
R.T.: 5.845 min
Delta R.T.: 0.000 min
Response: 423139
Conc: 12.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



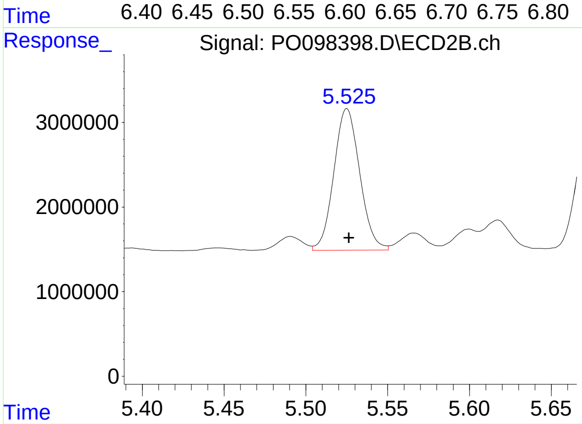
#19 AR-1242-4

R.T.: 5.000 min
Delta R.T.: -0.002 min
Response: 2636414
Conc: 159.18 ng/ml



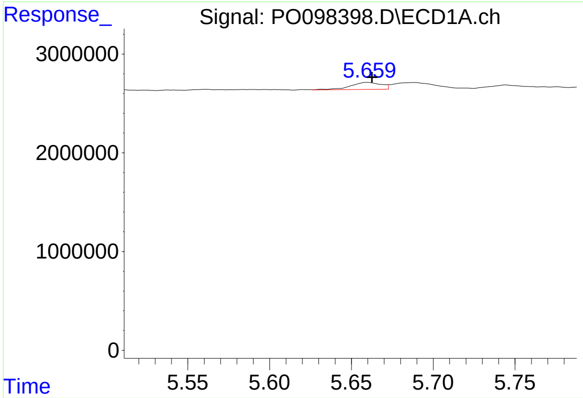
#20 AR-1242-5

R.T.: 6.588 min
Delta R.T.: 0.004 min
Response: 10242713
Conc: 289.17 ng/ml



#20 AR-1242-5

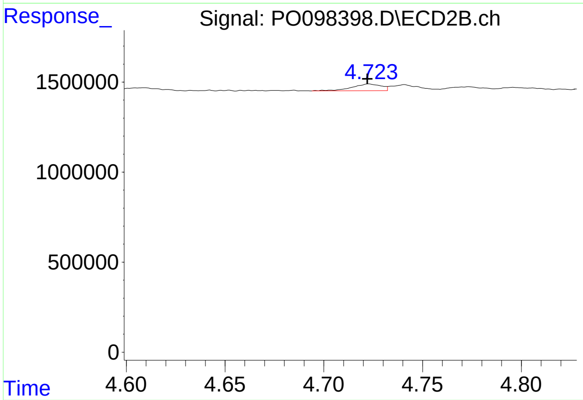
R.T.: 5.525 min
Delta R.T.: -0.001 min
Response: 18445765
Conc: 993.93 ng/ml



#21 AR-1248-1

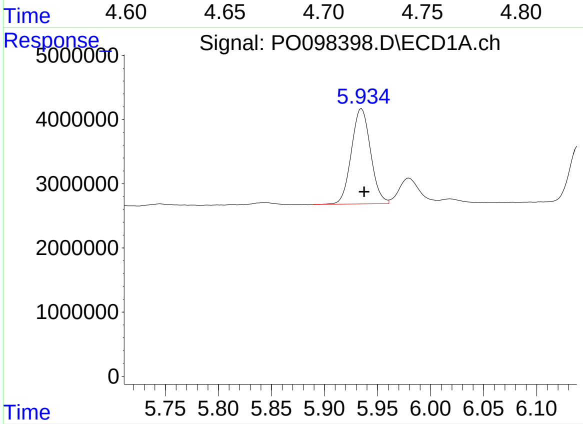
R.T.: 5.660 min
Delta R.T.: -0.002 min
Response: 939515
Conc: 27.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



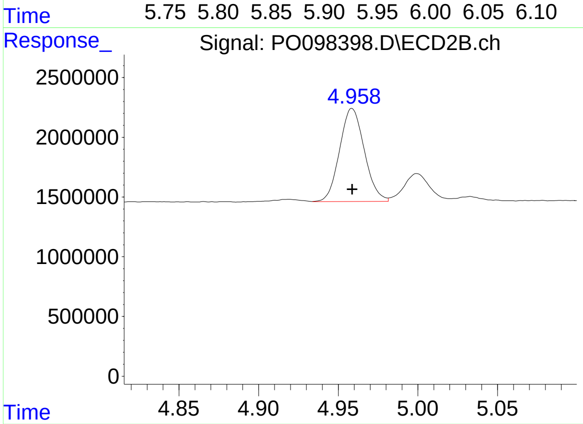
#21 AR-1248-1

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 387168
Conc: 24.71 ng/ml



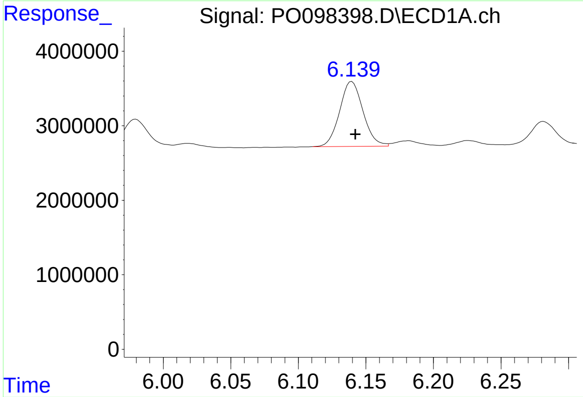
#22 AR-1248-2

R.T.: 5.935 min
Delta R.T.: -0.002 min
Response: 18709029
Conc: 361.26 ng/ml



#22 AR-1248-2

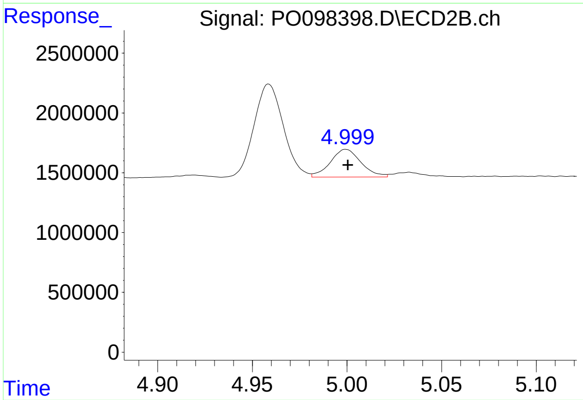
R.T.: 4.959 min
Delta R.T.: 0.000 min
Response: 8431575
Conc: 383.14 ng/ml



#23 AR-1248-3

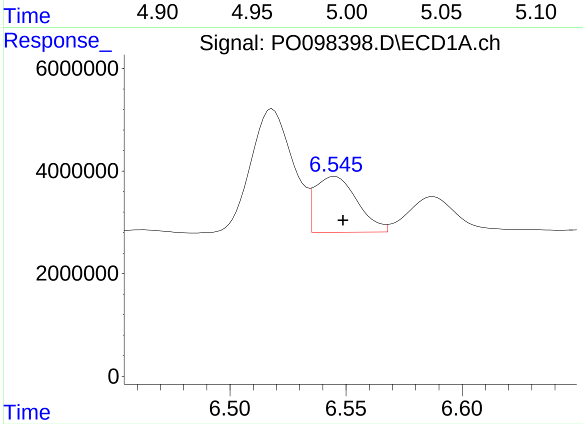
R.T.: 6.140 min
Delta R.T.: -0.003 min
Response: 10511452
Conc: 186.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



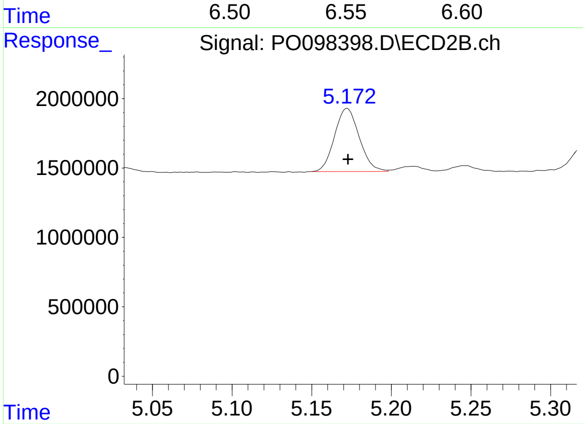
#23 AR-1248-3

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 2636414
Conc: 112.28 ng/ml



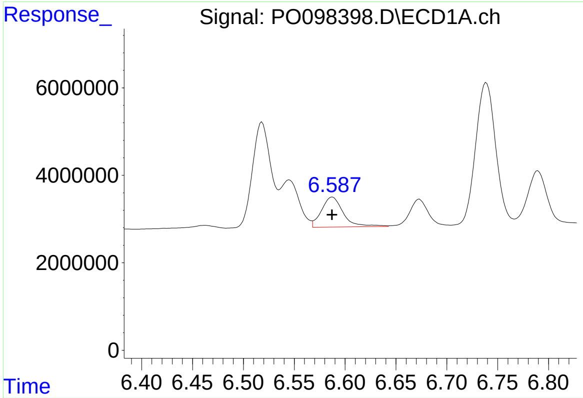
#24 AR-1248-4

R.T.: 6.545 min
Delta R.T.: -0.004 min
Response: 13760180
Conc: 242.73 ng/ml



#24 AR-1248-4

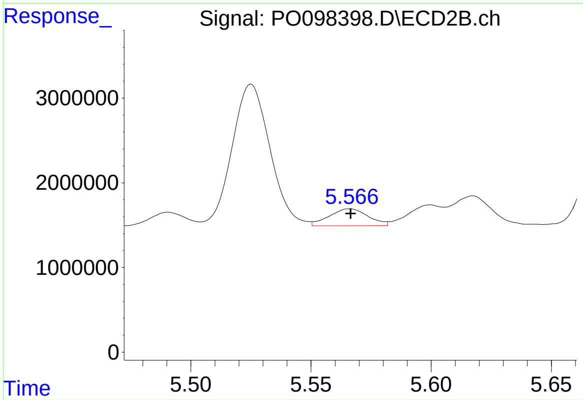
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 4915577
Conc: 184.28 ng/ml



#25 AR-1248-5

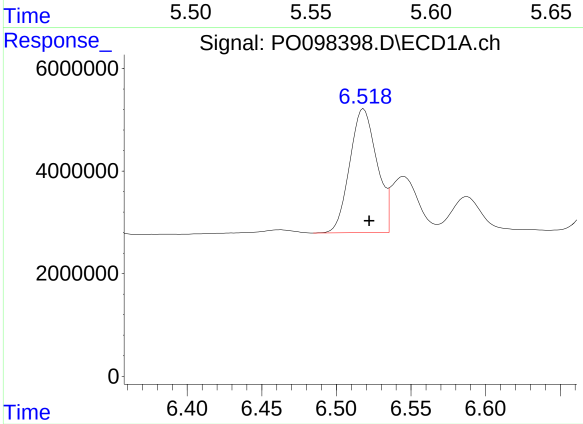
R.T.: 6.588 min
Delta R.T.: 0.000 min
Response: 10242713
Conc: 173.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



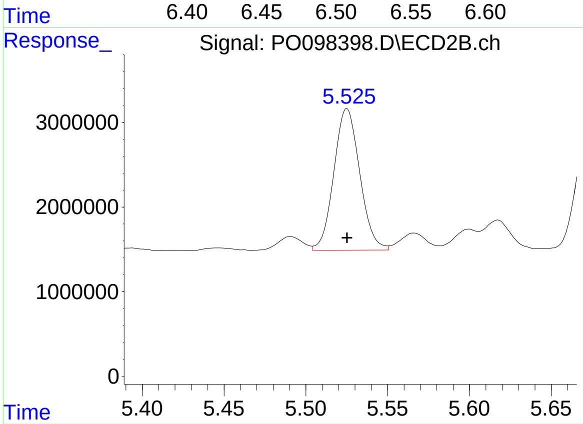
#25 AR-1248-5

R.T.: 5.566 min
Delta R.T.: 0.000 min
Response: 2252937
Conc: 95.48 ng/ml



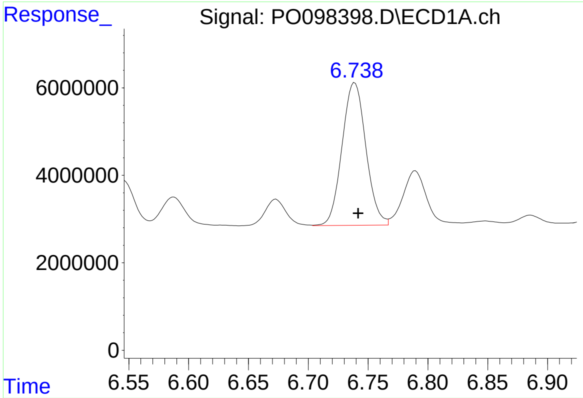
#26 AR-1254-1

R.T.: 6.518 min
Delta R.T.: -0.004 min
Response: 30625489
Conc: 484.86 ng/ml



#26 AR-1254-1

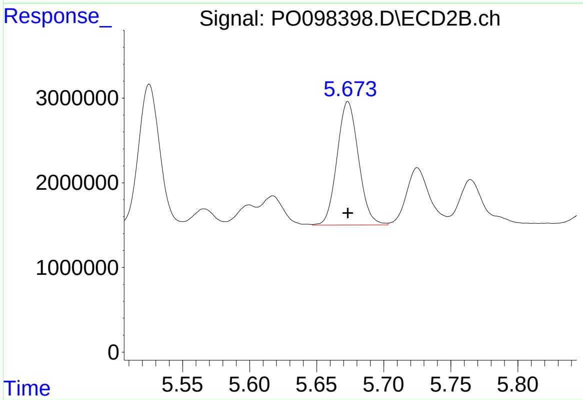
R.T.: 5.525 min
Delta R.T.: 0.000 min
Response: 18445765
Conc: 481.06 ng/ml



#27 AR-1254-2

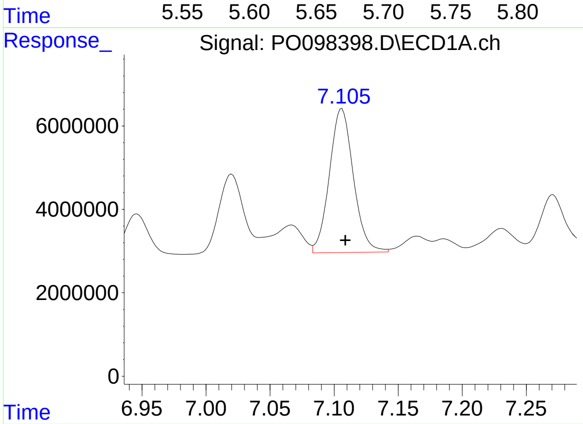
R.T.: 6.739 min
Delta R.T.: -0.003 min
Response: 45262248
Conc: 471.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



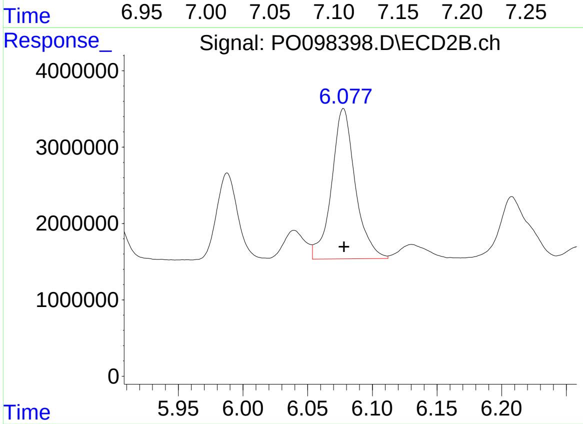
#27 AR-1254-2

R.T.: 5.673 min
Delta R.T.: 0.000 min
Response: 16208695
Conc: 470.80 ng/ml



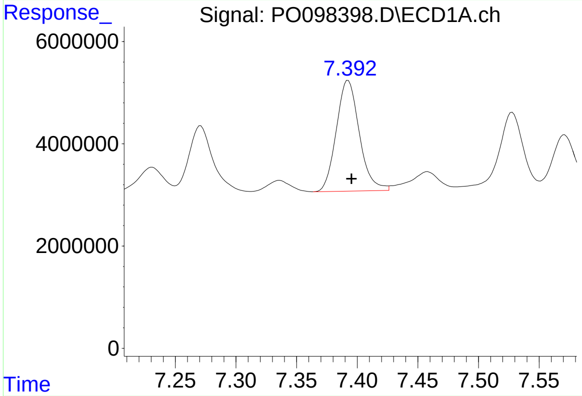
#28 AR-1254-3

R.T.: 7.106 min
Delta R.T.: -0.003 min
Response: 44989315
Conc: 478.14 ng/ml



#28 AR-1254-3

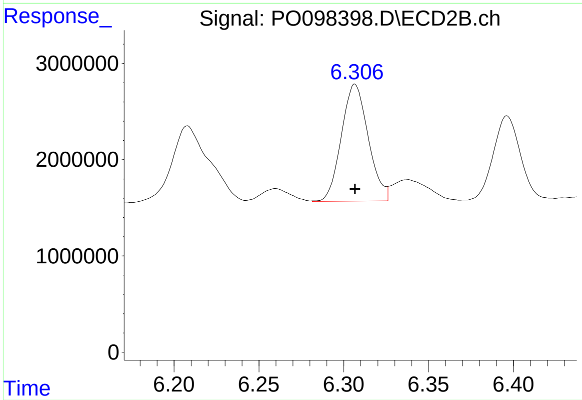
R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 25073373
Conc: 482.53 ng/ml



#29 AR-1254-4

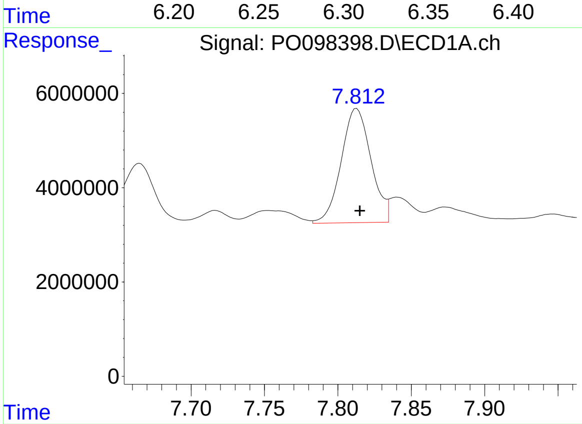
R.T.: 7.393 min
Delta R.T.: -0.003 min
Response: 28655258
Conc: 492.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



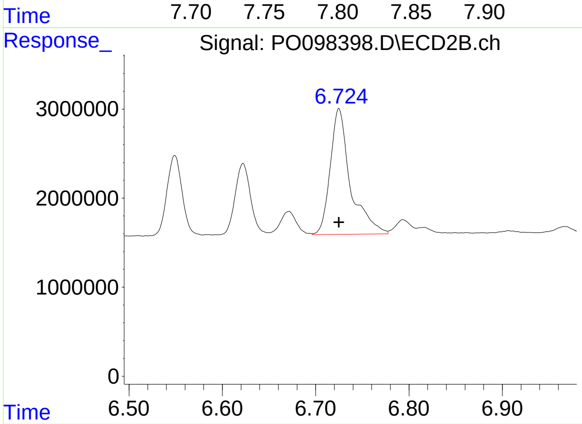
#29 AR-1254-4

R.T.: 6.307 min
Delta R.T.: 0.000 min
Response: 13384237
Conc: 487.62 ng/ml



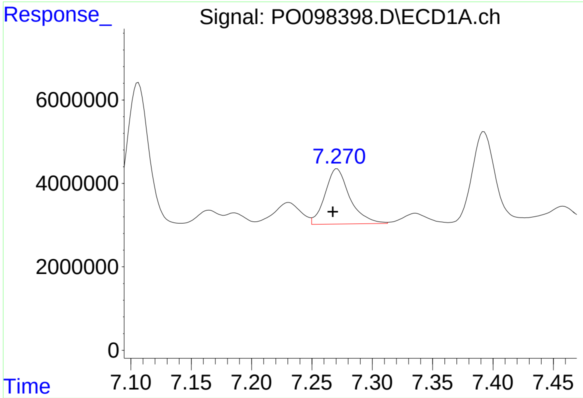
#30 AR-1254-5

R.T.: 7.813 min
Delta R.T.: -0.002 min
Response: 34266974
Conc: 490.62 ng/ml



#30 AR-1254-5

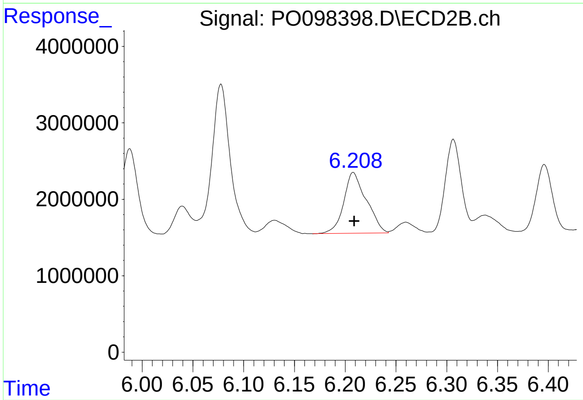
R.T.: 6.725 min
Delta R.T.: 0.000 min
Response: 21238940
Conc: 490.30 ng/ml



#31 AR-1260-1

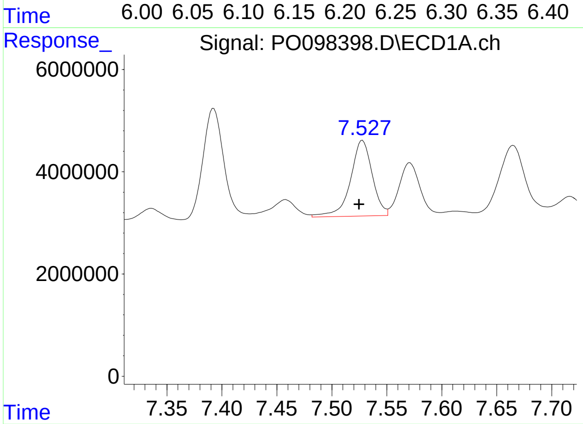
R.T.: 7.271 min
Delta R.T.: 0.004 min
Response: 18915096
Conc: 260.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



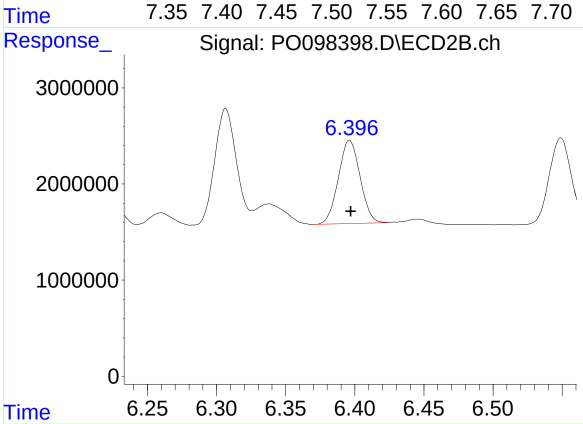
#31 AR-1260-1

R.T.: 6.208 min
Delta R.T.: 0.000 min
Response: 12324648
Conc: 335.91 ng/ml



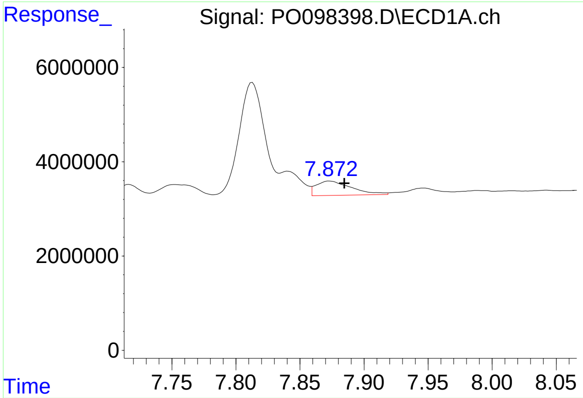
#32 AR-1260-2

R.T.: 7.528 min
Delta R.T.: 0.003 min
Response: 20526368
Conc: 249.29 ng/ml



#32 AR-1260-2

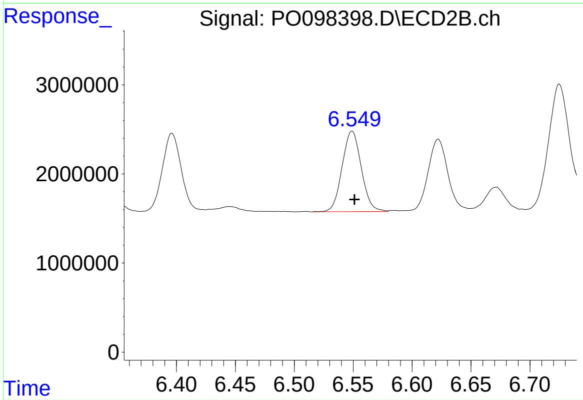
R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 9448062
Conc: 225.17 ng/ml



#33 AR-1260-3

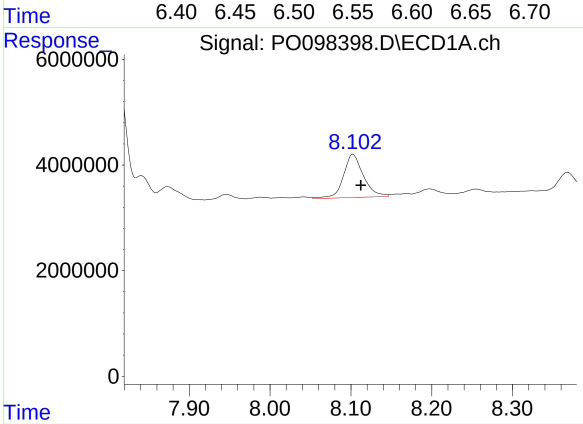
R.T.: 7.873 min
Delta R.T.: -0.011 min
Response: 5883305
Conc: 95.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



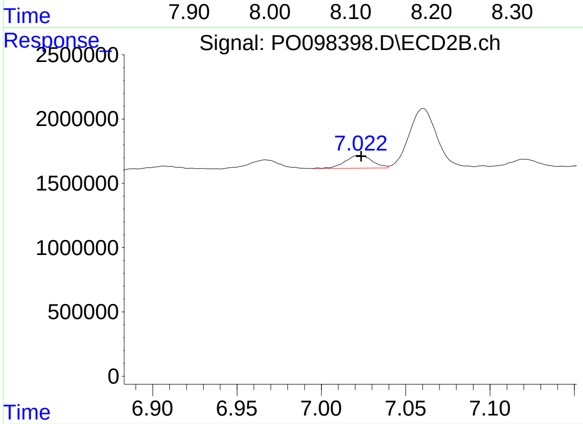
#33 AR-1260-3

R.T.: 6.549 min
Delta R.T.: -0.002 min
Response: 10239483
Conc: 255.88 ng/ml



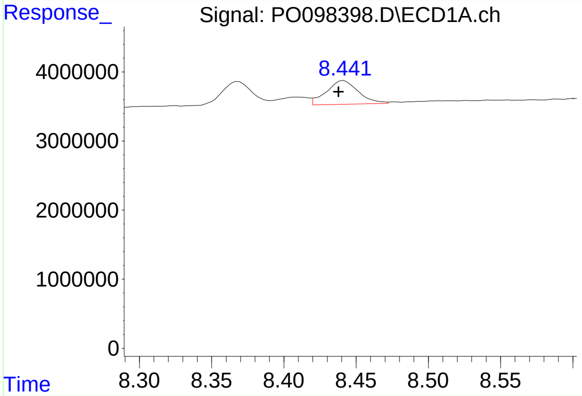
#34 AR-1260-4

R.T.: 8.102 min
Delta R.T.: -0.010 min
Response: 14031538
Conc: 208.14 ng/ml



#34 AR-1260-4

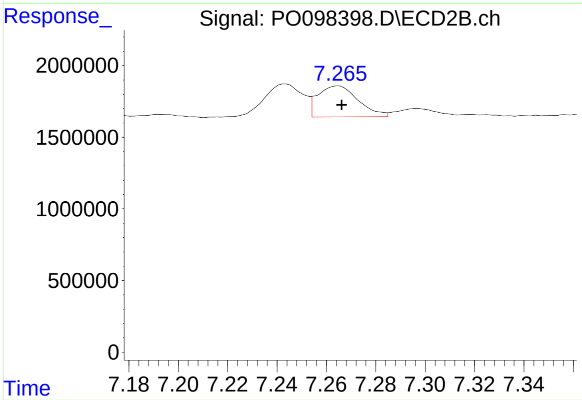
R.T.: 7.022 min
Delta R.T.: -0.001 min
Response: 1115480
Conc: 34.64 ng/ml



#35 AR-1260-5

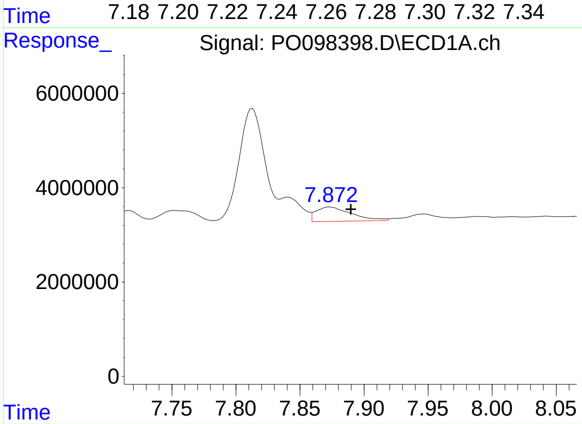
R.T.: 8.441 min
Delta R.T.: 0.003 min
Response: 5258762
Conc: 40.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



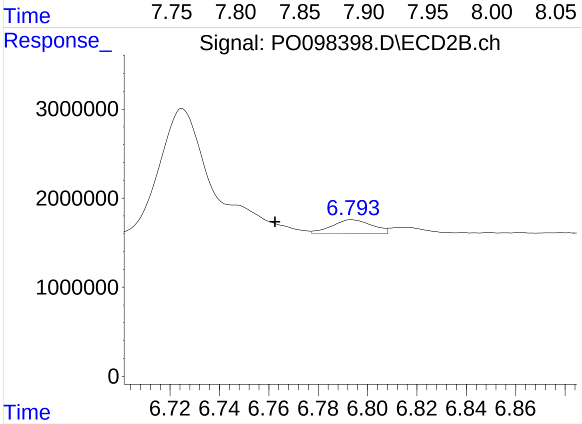
#35 AR-1260-5

R.T.: 7.265 min
Delta R.T.: -0.002 min
Response: 2459125
Conc: 35.10 ng/ml



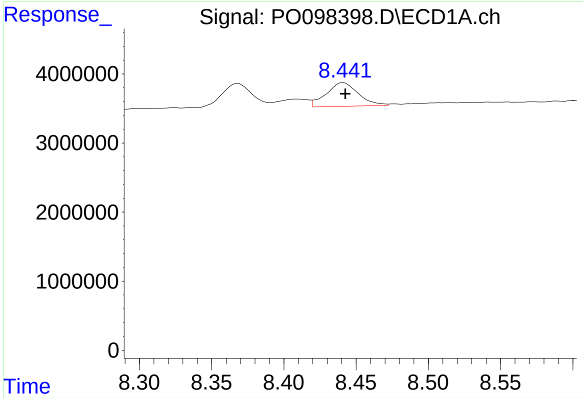
#36 AR-1262-1

R.T.: 7.873 min
Delta R.T.: -0.017 min
Response: 5883305
Conc: 67.65 ng/ml



#36 AR-1262-1

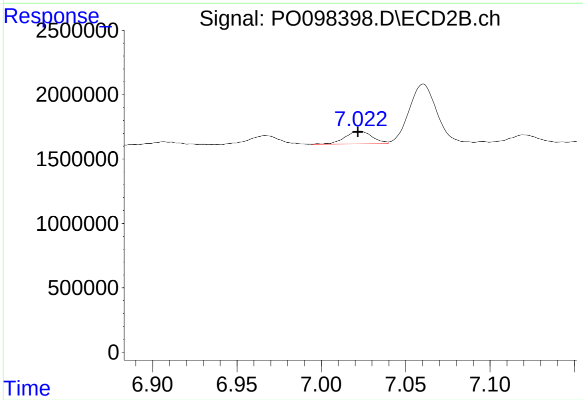
R.T.: 6.794 min
Delta R.T.: 0.031 min
Response: 1804860
Conc: 39.87 ng/ml



#37 AR-1262-2

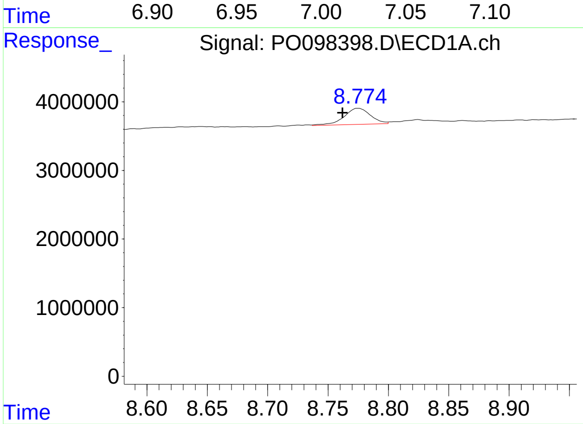
R.T.: 8.441 min
Delta R.T.: -0.001 min
Response: 5258762
Conc: 37.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



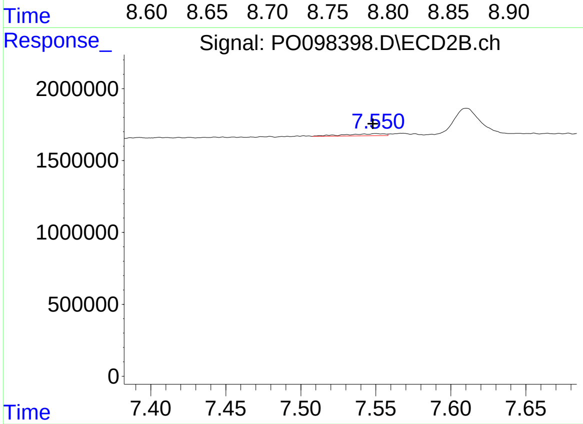
#37 AR-1262-2

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 1115480
Conc: 27.66 ng/ml



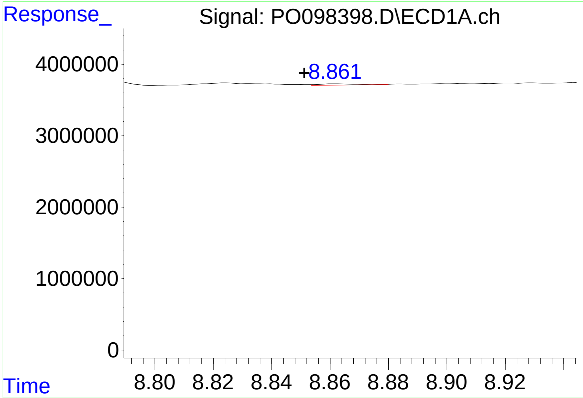
#38 AR-1262-3

R.T.: 8.775 min
Delta R.T.: 0.013 min
Response: 3591322
Conc: 36.37 ng/ml



#38 AR-1262-3

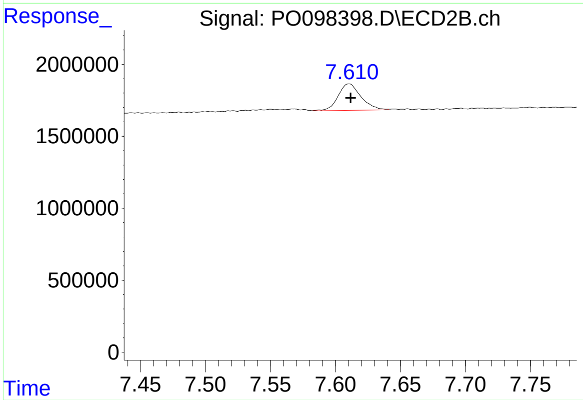
R.T.: 7.550 min
Delta R.T.: 0.002 min
Response: 268048
Conc: 8.63 ng/ml



#39 AR-1262-4

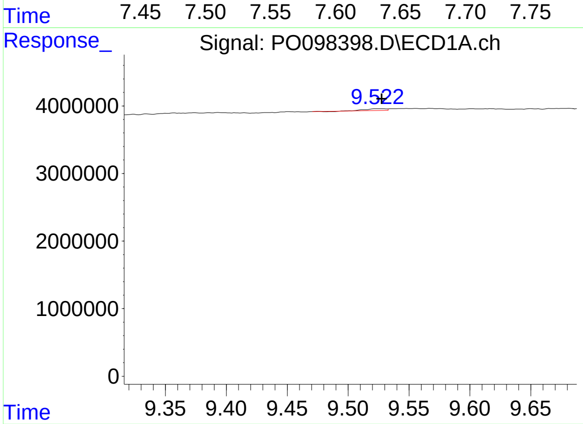
R.T.: 8.862 min
Delta R.T.: 0.011 min
Response: 182457
Conc: 2.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



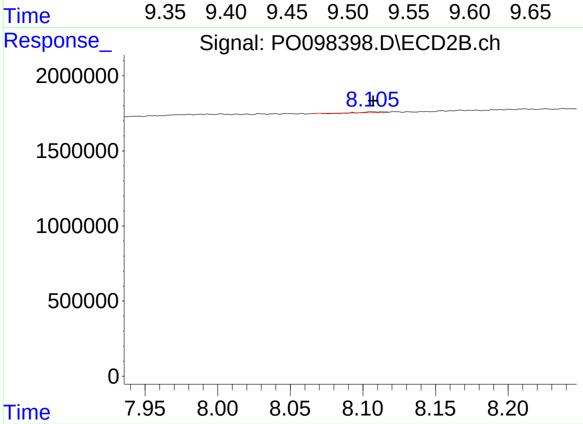
#39 AR-1262-4

R.T.: 7.610 min
Delta R.T.: -0.001 min
Response: 2244122
Conc: 41.42 ng/ml



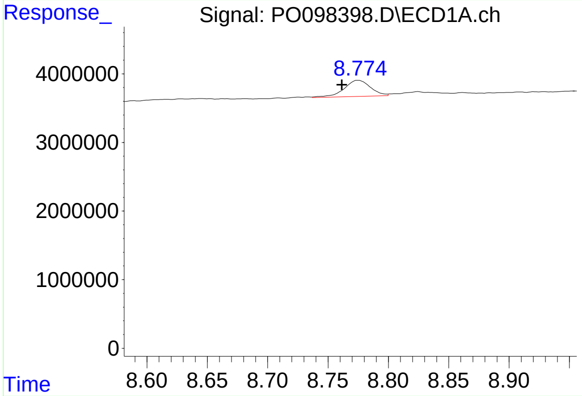
#40 AR-1262-5

R.T.: 9.523 min
Delta R.T.: -0.004 min
Response: 259048
Conc: 5.34 ng/ml



#40 AR-1262-5

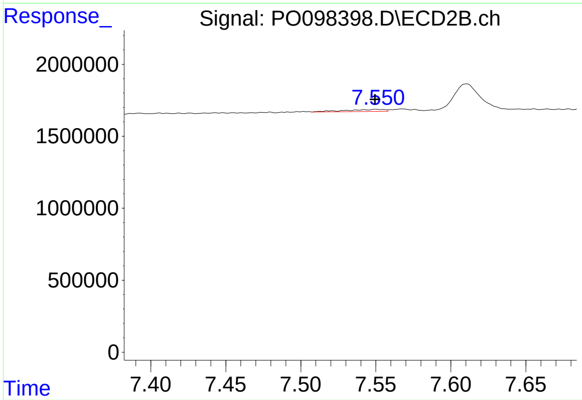
R.T.: 8.106 min
Delta R.T.: -0.001 min
Response: 35940
Conc: 1.46 ng/ml



#41 AR-1268-1

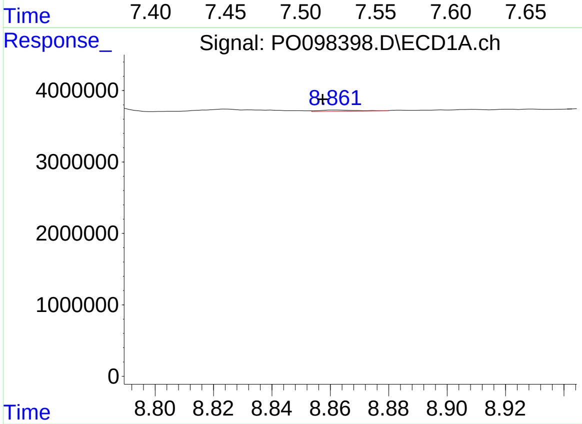
```
       R.T.:    8.775 min
Delta R.T.:    0.014 min
  Response:   3591322
      Conc:  20.68 ng/ml
```

Instrument :
ECD_O
ClientSampleId :



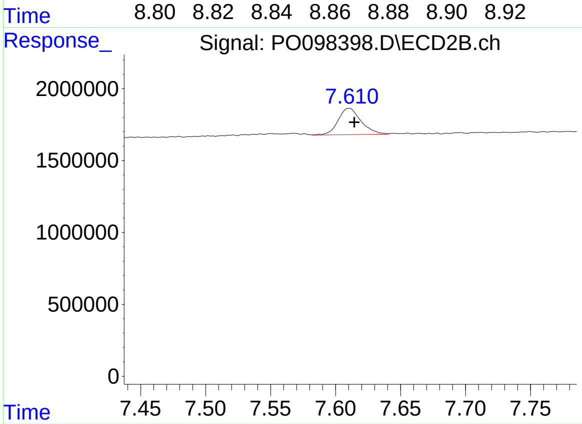
#41 AR-1268-1

```
       R.T.:    7.550 min
Delta R.T.:    0.000 min
  Response:    268048
      Conc:   2.93 ng/ml
```



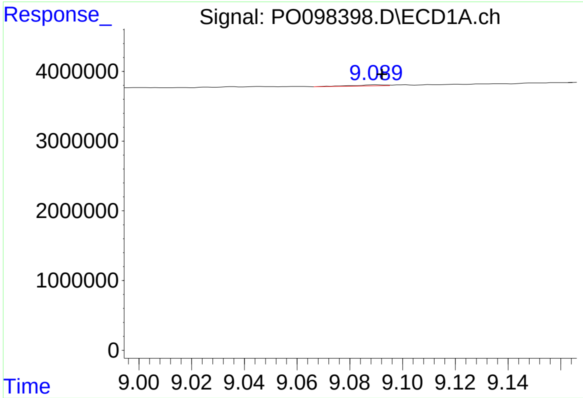
#42 AR-1268-2

```
       R.T.:    8.862 min
Delta R.T.:    0.004 min
  Response:    182457
      Conc:   1.17 ng/ml
```



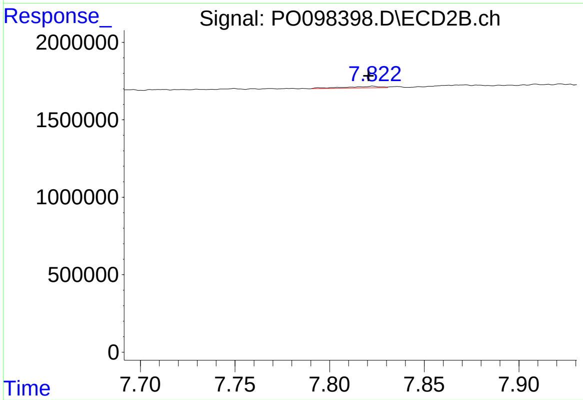
#42 AR-1268-2

```
       R.T.:    7.610 min
Delta R.T.:   -0.004 min
  Response:   2244122
      Conc:  28.94 ng/ml
```

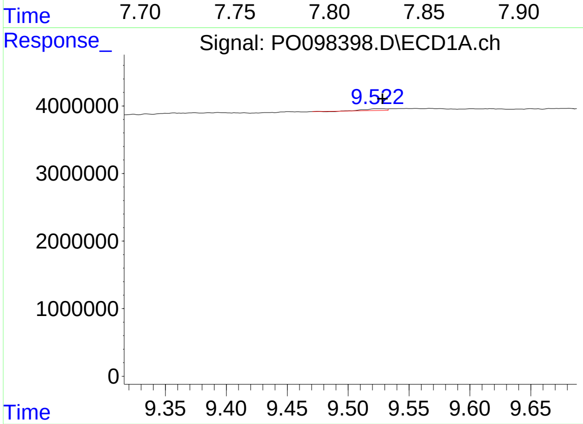



```
#43  AR-1268-3

      R.T.:    9.090 min
Delta R.T.:   -0.002 min
  Response:    135095
      Conc:   0.99 ng/ml
```

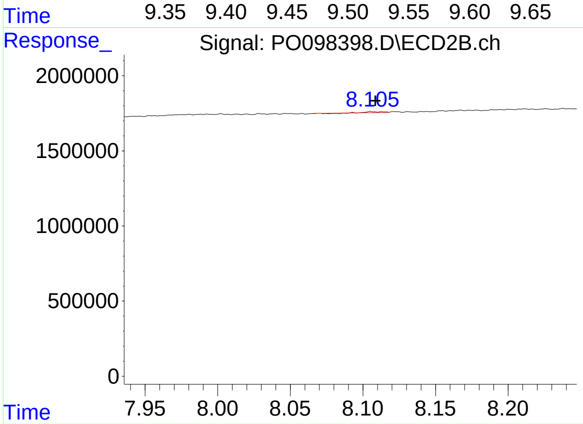
Instrument :
ECD_O
ClientSampleId :



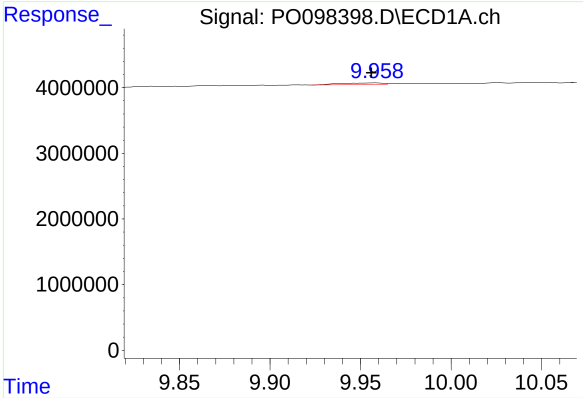

```
#43  AR-1268-3

      R.T.:    7.823 min
Delta R.T.:    0.002 min
  Response:    150072
      Conc:   2.26 ng/ml
```




```
#44  AR-1268-4

      R.T.:    9.523 min
Delta R.T.:   -0.005 min
  Response:    259048
      Conc:   4.86 ng/ml
```



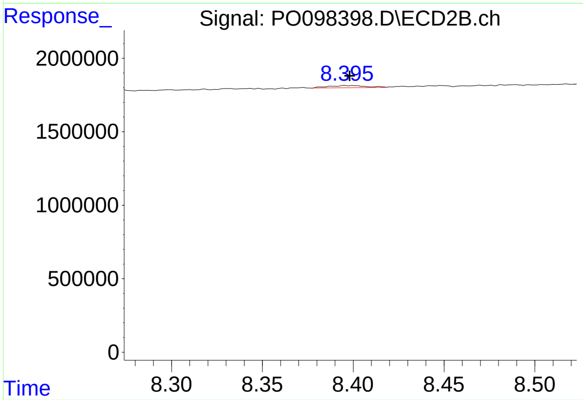

```
#44  AR-1268-4

      R.T.:    8.106 min
Delta R.T.:   -0.003 min
  Response:     35940
      Conc:   1.33 ng/ml
```



#45 AR-1268-5

R.T.: 9.958 min
Delta R.T.: 0.002 min
Response: 434647
Conc: 0.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.396 min
Delta R.T.: -0.002 min
Response: 220225
Conc: 1.11 ng/ml