

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR012020\
 Data File : PR044411.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jan 2020 00:59
 Operator : DD\AJ
 Sample : L1161-08
 Misc : AR1221 LOQ 50 PPB
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 03:24:27 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR012020.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 21 02:46:28 2020
 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...	4.700	3.962	132.9E6	273.3E6	17.933	17.280
2)	SA Decachlor...	10.592	9.039	162.1E6	283.8E6	21.218	19.944
Target Compounds							
3)	L1 AR-1016-1	5.876	5.051	1108522	2767558	4.076	6.135 #
4)	L1 AR-1016-2	5.898	5.071	1364078	2812706	3.546	4.560 #
5)	L1 AR-1016-3	5.961	5.250	969138	1220779	4.271	4.017
6)	L1 AR-1016-4	6.064	5.290	856708	1382033	4.510	6.020 #
7)	L1 AR-1016-5	0.000	5.508	0	684645	N.D.	2.177 #
8)	L2 AR-1221-1	4.909	4.172	4180038	9083177	56.861	54.545
9)	L2 AR-1221-2	4.998	4.262	4268267	9665577	77.905	78.394
10)	L2 AR-1221-3	5.075	4.337	10602417	23016923	59.768	59.724
11)	L3 AR-1232-1	5.075	4.337	10602417	23016923	75.615	75.476
12)	L3 AR-1232-2	5.606	5.071	1270331	2812706	17.226	11.409 #
13)	L3 AR-1232-3	5.898	5.250	1364078	1220779	9.086	10.123
14)	L3 AR-1232-4	6.064	5.334	856708	716100	11.519	7.316 #
15)	L3 AR-1232-5	0.000	5.508	0	684645	N.D.	6.095 #
16)	L4 AR-1242-1	5.876	5.051	1108522	2767558	5.766	8.878 #
17)	L4 AR-1242-2	5.898	5.071	1364078	2812706	5.015	6.583 #
18)	L4 AR-1242-3	5.961	5.250	969138	1220779	5.977	5.745
19)	L4 AR-1242-4	6.064	5.334	856708	716100	6.317	3.716 #
20)	L4 AR-1242-5	6.733	5.860	253157	3468135	1.659	11.236 #
21)	L5 AR-1248-1	5.876	5.051	1108522	2767558	7.309	10.970 #
22)	L5 AR-1248-2	0.000	5.290	0	1382033	N.D.	5.045 #
23)	L5 AR-1248-3	0.000	5.334	0	716100	N.D.	2.554 #
24)	L5 AR-1248-4	6.733	5.508	253157	684645	0.935	1.895 #
25)	L5 AR-1248-5	6.733	5.901	253157	4772032	0.989	11.380 #
26)	L6 AR-1254-1	6.733	5.860	253157	3468135	0.966	5.588 #
27)	L6 AR-1254-2	0.000	6.001	0	3771274	N.D.	6.786 #
28)	L6 AR-1254-3	7.336	6.430	827396	1184048	1.879	1.251 #
29)	L6 AR-1254-4	0.000	6.641	0	629359	N.D.	0.874 #
30)	L6 AR-1254-5	0.000	7.066	0	746679	N.D.	0.874 #
31)	L7 AR-1260-1	0.000	6.536	0	334371	N.D.	0.490 #
32)	L7 AR-1260-2	0.000	6.712	0	2410686	N.D.	2.414 #
33)	L7 AR-1260-3	0.000	6.898	0	1864075	N.D.	2.298 #
34)	L7 AR-1260-4	0.000	7.341	0	1333880	N.D.	1.849 #
35)	L7 AR-1260-5	0.000	7.594	0	2953047	N.D.	1.366 #
36)	L8 AR-1262-1	0.000	7.095	0	702833	N.D.	0.582 #
37)	L8 AR-1262-2	0.000	7.594	0	2953047	N.D.	1.325 #
38)	L8 AR-1262-3	0.000	7.919	0	2812810	N.D.	3.181 #
39)	L8 AR-1262-4	0.000	7.919	0	2812810	N.D.	1.914 #
41)	L9 AR-1268-1	0.000	7.919	0	2812810	N.D.	1.052 #
42)	L9 AR-1268-2	0.000	7.919	0	2812810	N.D.	1.230 #

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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR012020.M
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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
43) L9	AR-1268-3	9.338	8.149	592745	1686567	0.717	0.865
45) L9	AR-1268-5	10.236	8.766	1090030	2694139	0.379	0.481 #

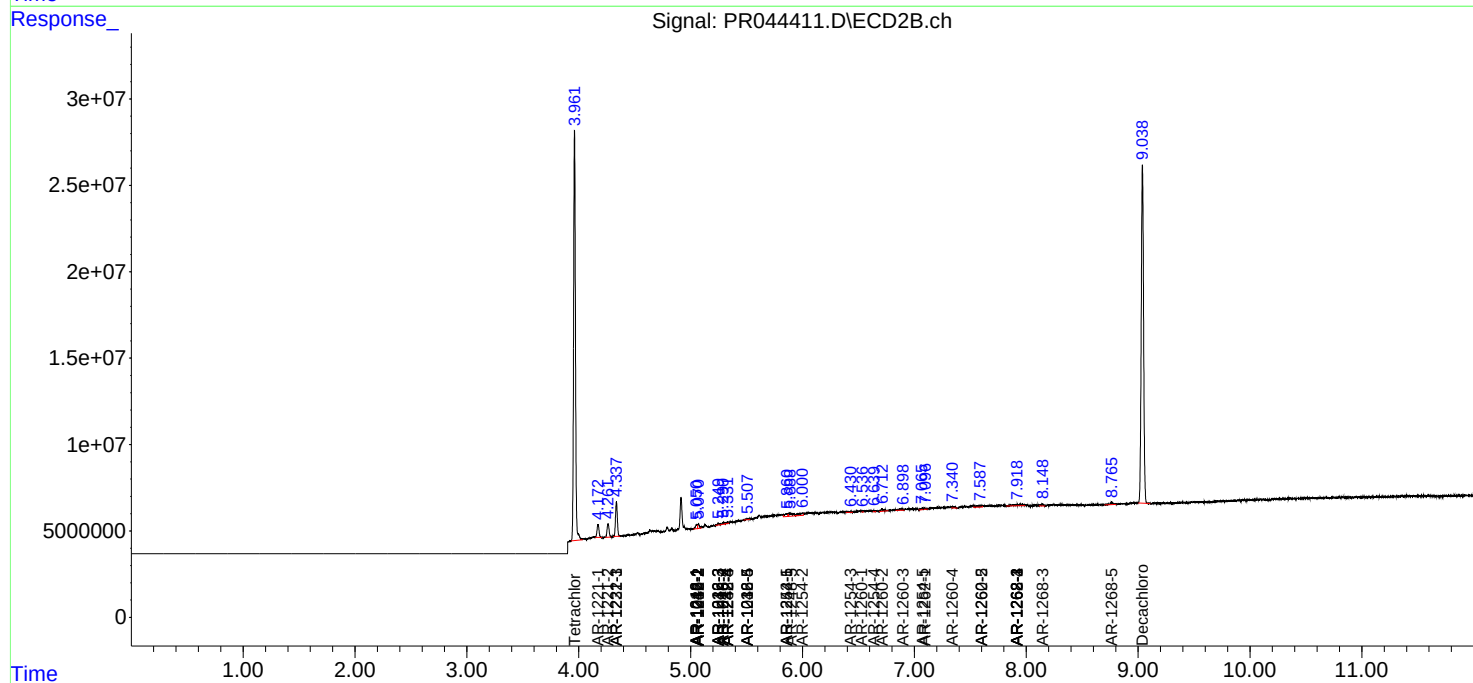
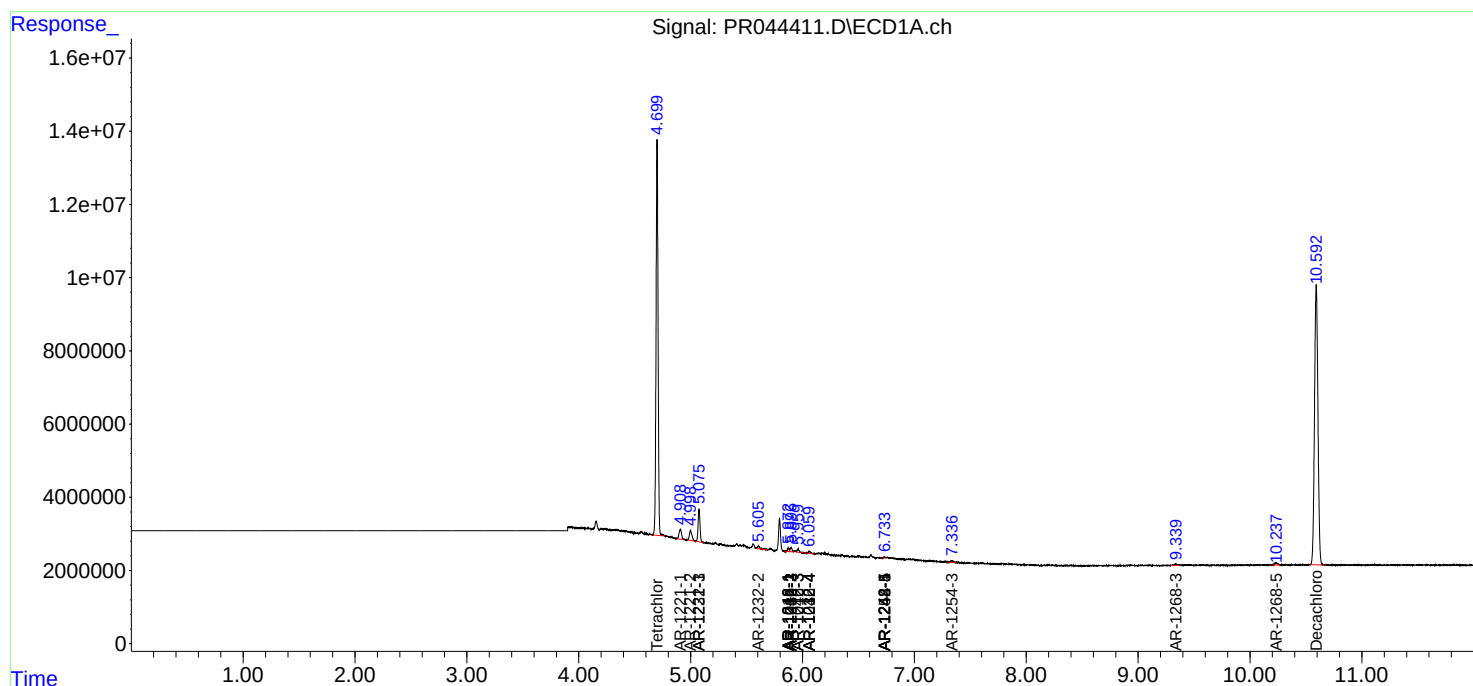
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

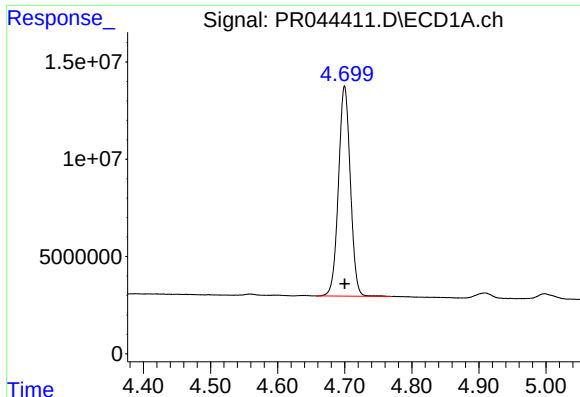
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Data File : PR044411.D
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Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

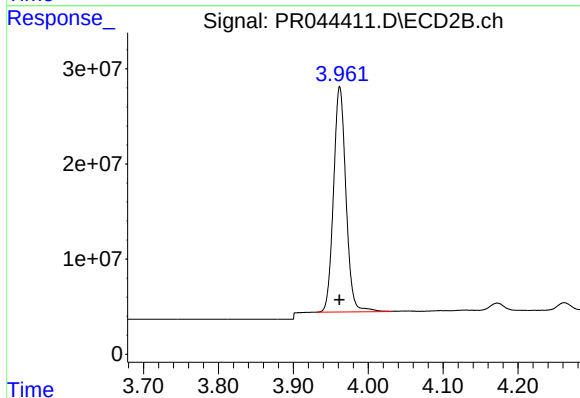




#1 Tetrachloro-m-xylene

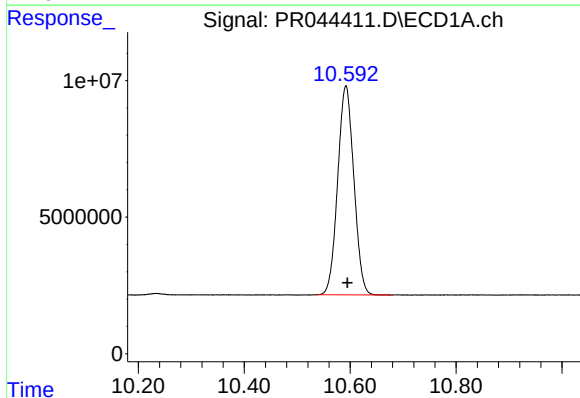
R.T.: 4.700 min
Delta R.T.: 0.000 min
Response: 132949536
Conc: 17.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



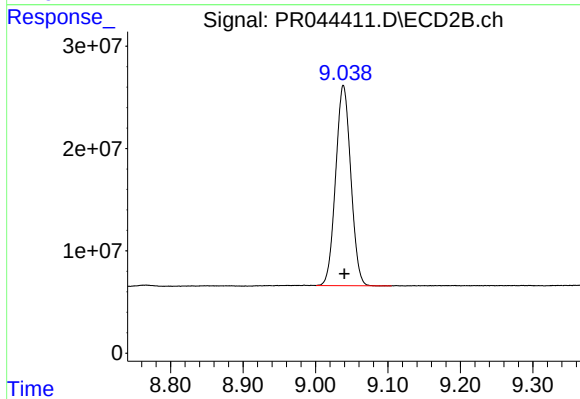
#1 Tetrachloro-m-xylene

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 273251812
Conc: 17.28 ng/ml



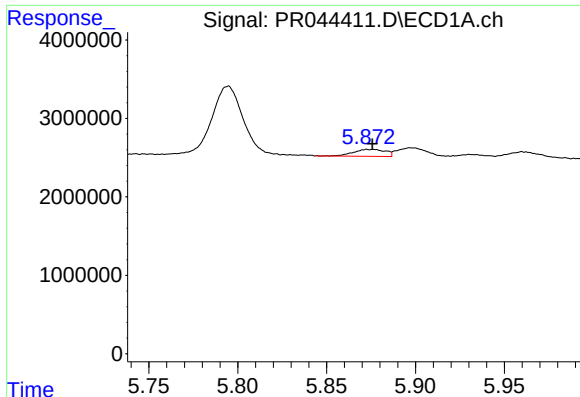
#2 Decachlorobiphenyl

R.T.: 10.592 min
Delta R.T.: -0.003 min
Response: 162093803
Conc: 21.22 ng/ml



#2 Decachlorobiphenyl

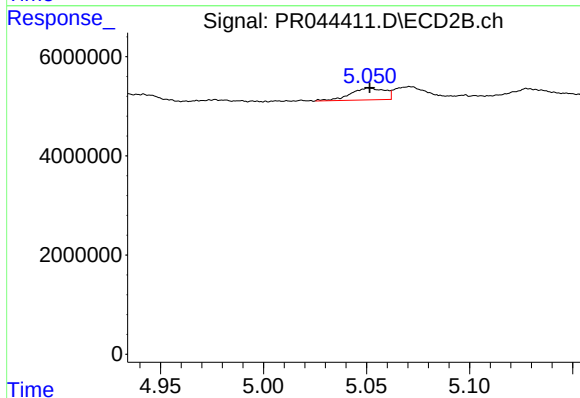
R.T.: 9.039 min
Delta R.T.: -0.001 min
Response: 283802238
Conc: 19.94 ng/ml



#3 AR-1016-1

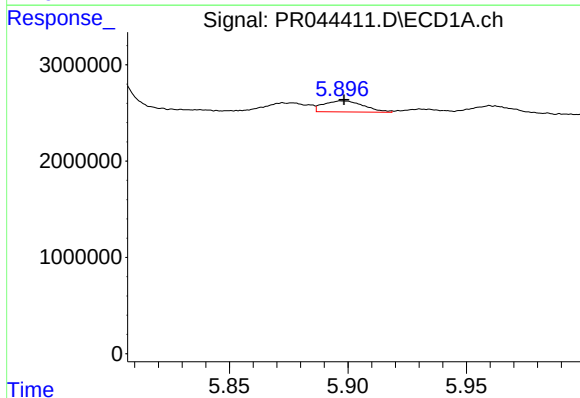
R.T.: 5.876 min
Delta R.T.: 0.000 min
Response: 1108522
Conc: 4.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



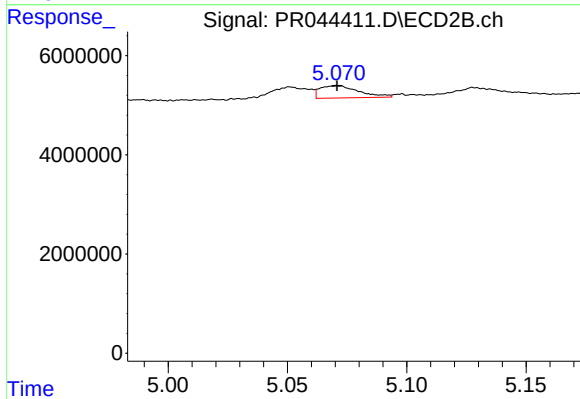
#3 AR-1016-1

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 2767558
Conc: 6.13 ng/ml



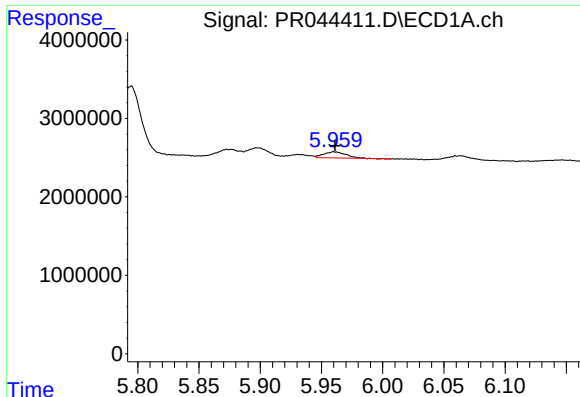
#4 AR-1016-2

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 1364078
Conc: 3.55 ng/ml



#4 AR-1016-2

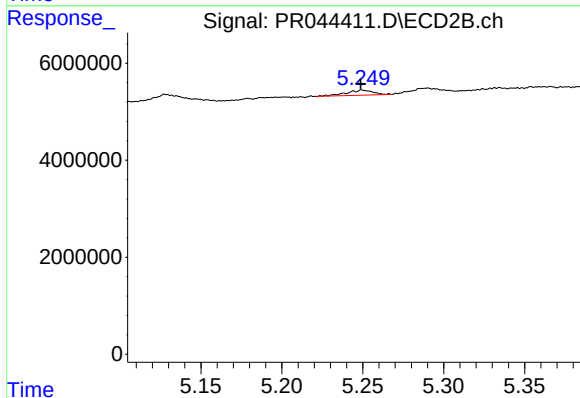
R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 2812706
Conc: 4.56 ng/ml



#5 AR-1016-3

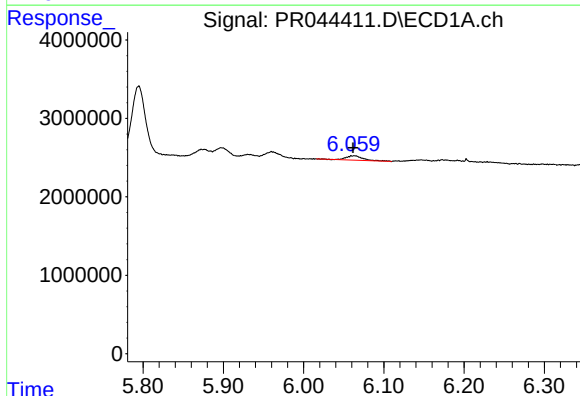
R.T.: 5.961 min
Delta R.T.: 0.000 min
Response: 969138
Conc: 4.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



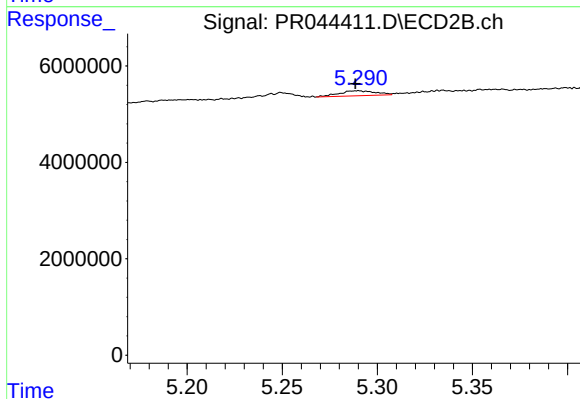
#5 AR-1016-3

R.T.: 5.250 min
Delta R.T.: 0.001 min
Response: 1220779
Conc: 4.02 ng/ml



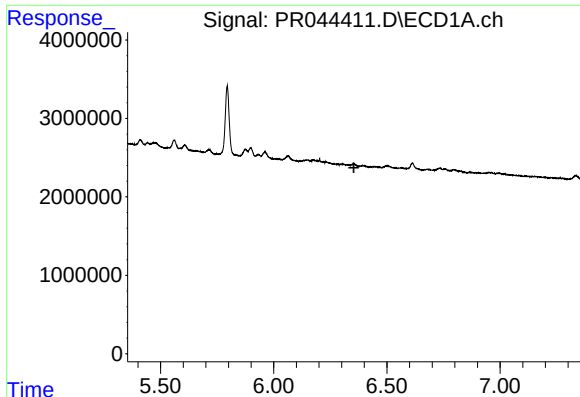
#6 AR-1016-4

R.T.: 6.064 min
Delta R.T.: 0.002 min
Response: 856708
Conc: 4.51 ng/ml



#6 AR-1016-4

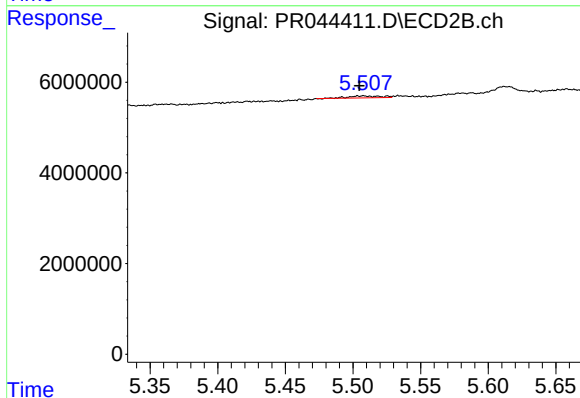
R.T.: 5.290 min
Delta R.T.: 0.001 min
Response: 1382033
Conc: 6.02 ng/ml



#7 AR-1016-5

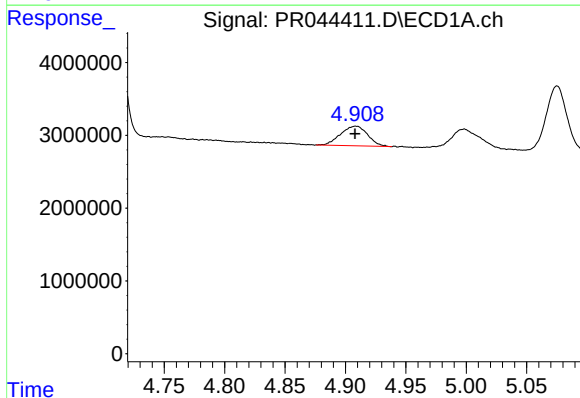
R.T.: 0.000 min
Exp R.T.: 6.354 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



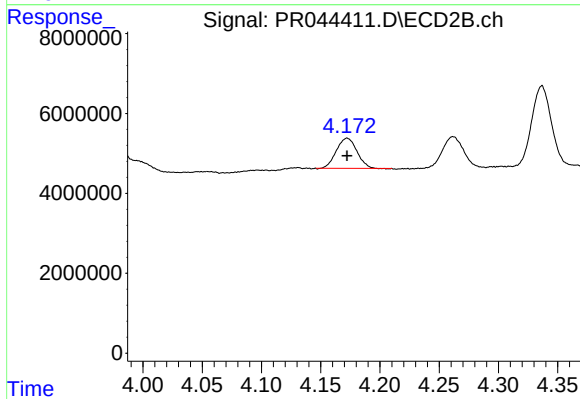
#7 AR-1016-5

R.T.: 5.508 min
Delta R.T.: 0.003 min
Response: 684645
Conc: 2.18 ng/ml



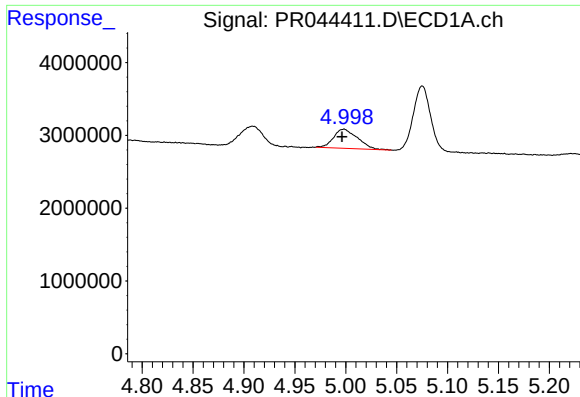
#8 AR-1221-1

R.T.: 4.909 min
Delta R.T.: 0.000 min
Response: 4180038
Conc: 56.86 ng/ml



#8 AR-1221-1

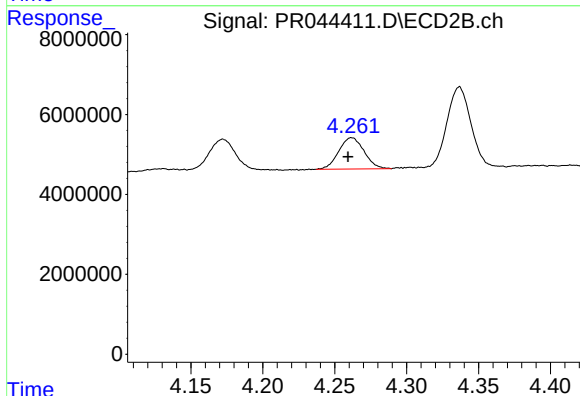
R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 9083177
Conc: 54.55 ng/ml



#9 AR-1221-2

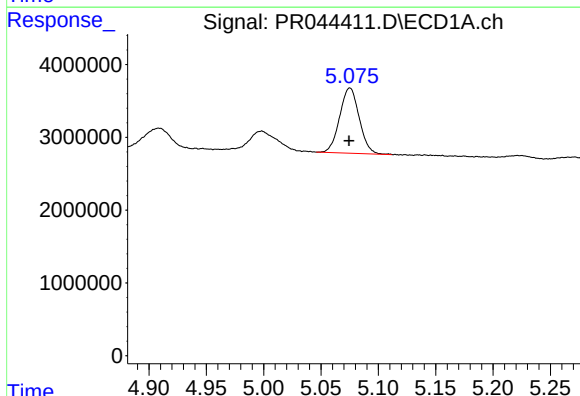
R.T.: 4.998 min
Delta R.T.: 0.002 min
Response: 4268267
Conc: 77.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



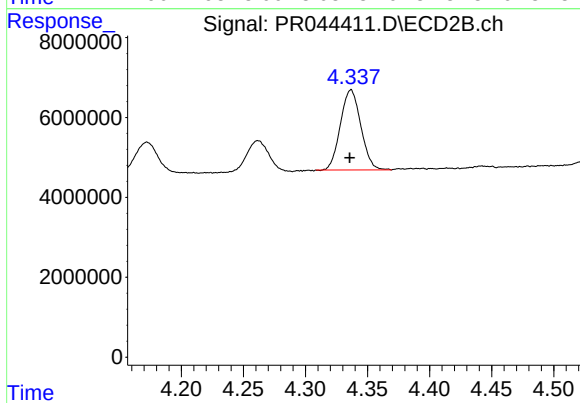
#9 AR-1221-2

R.T.: 4.262 min
Delta R.T.: 0.003 min
Response: 9665577
Conc: 78.39 ng/ml



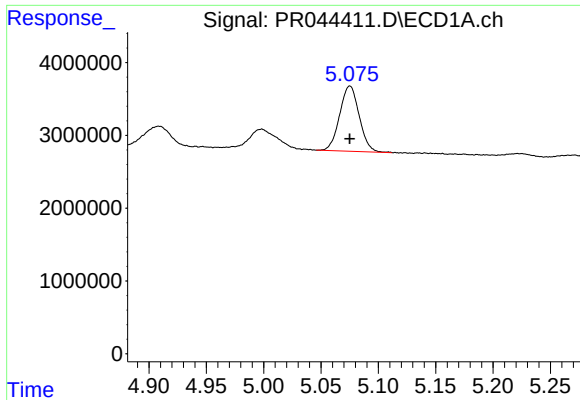
#10 AR-1221-3

R.T.: 5.075 min
Delta R.T.: 0.000 min
Response: 10602417
Conc: 59.77 ng/ml



#10 AR-1221-3

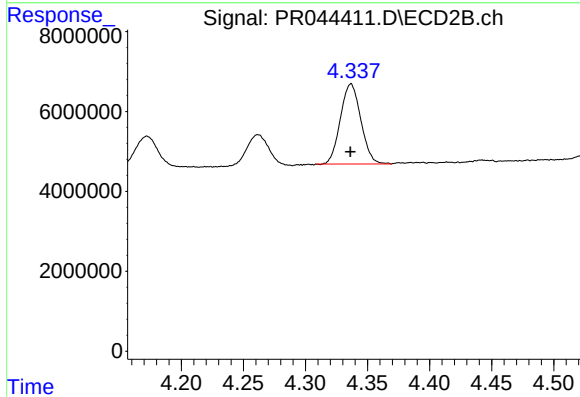
R.T.: 4.337 min
Delta R.T.: 0.001 min
Response: 23016923
Conc: 59.72 ng/ml



#11 AR-1232-1

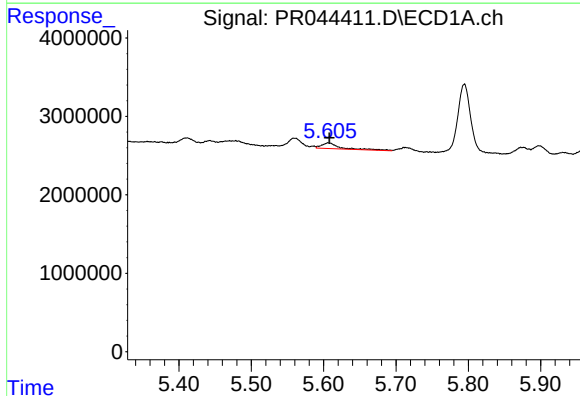
R.T.: 5.075 min
Delta R.T.: 0.000 min
Response: 10602417
Conc: 75.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



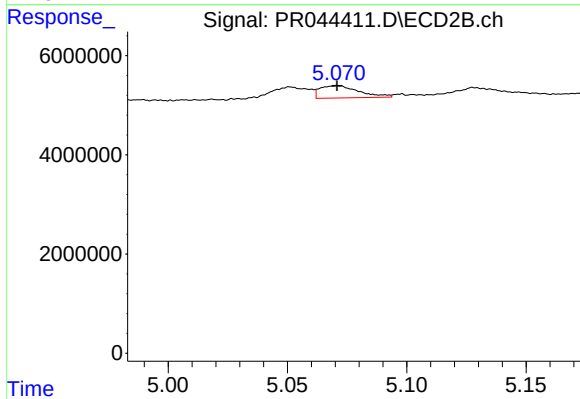
#11 AR-1232-1

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 23016923
Conc: 75.48 ng/ml



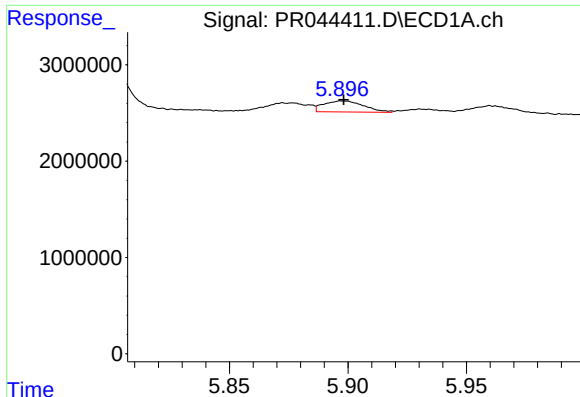
#12 AR-1232-2

R.T.: 5.606 min
Delta R.T.: -0.002 min
Response: 1270331
Conc: 17.23 ng/ml



#12 AR-1232-2

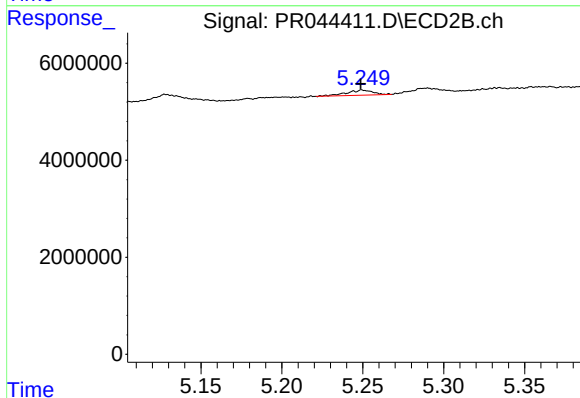
R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 2812706
Conc: 11.41 ng/ml



#13 AR-1232-3

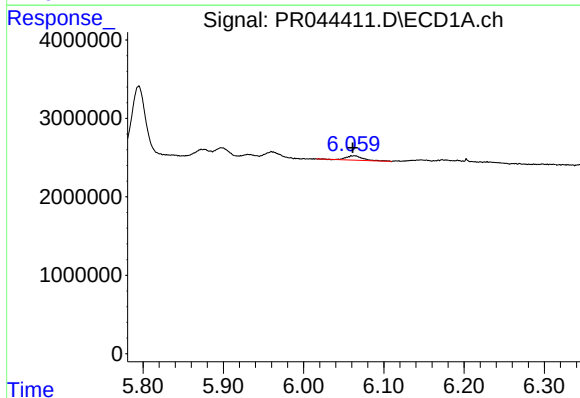
R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 1364078
Conc: 9.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



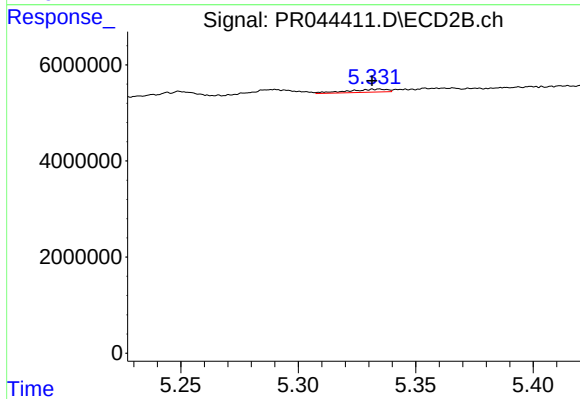
#13 AR-1232-3

R.T.: 5.250 min
Delta R.T.: 0.001 min
Response: 1220779
Conc: 10.12 ng/ml



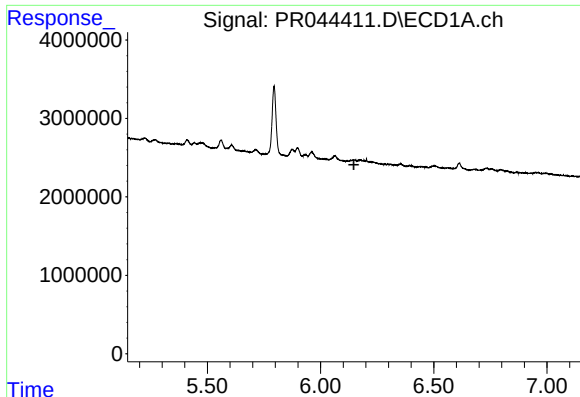
#14 AR-1232-4

R.T.: 6.064 min
Delta R.T.: 0.002 min
Response: 856708
Conc: 11.52 ng/ml



#14 AR-1232-4

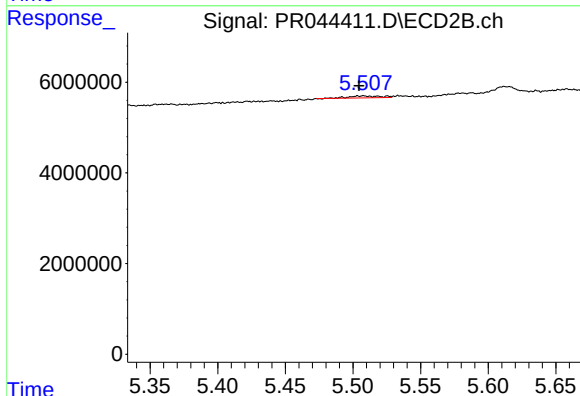
R.T.: 5.334 min
Delta R.T.: 0.003 min
Response: 716100
Conc: 7.32 ng/ml



#15 AR-1232-5

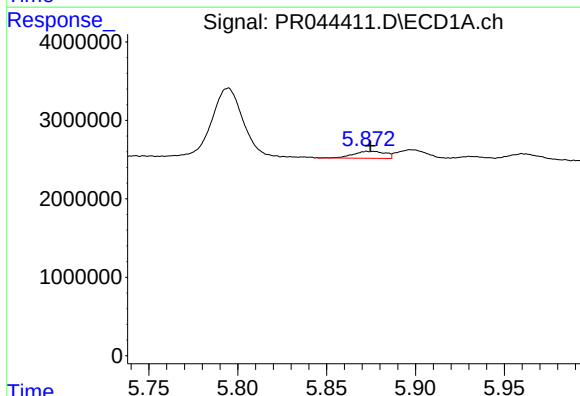
R.T.: 0.000 min
Exp R.T.: 6.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



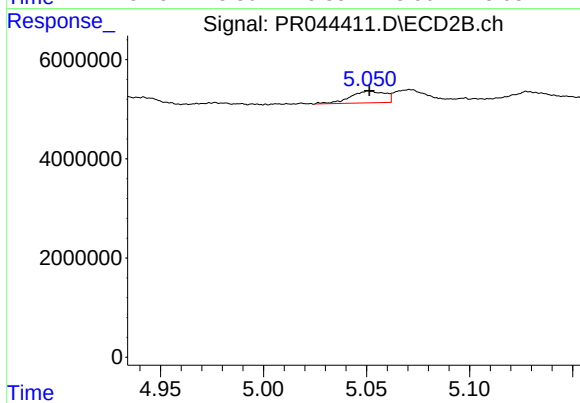
#15 AR-1232-5

R.T.: 5.508 min
Delta R.T.: 0.003 min
Response: 684645
Conc: 6.09 ng/ml



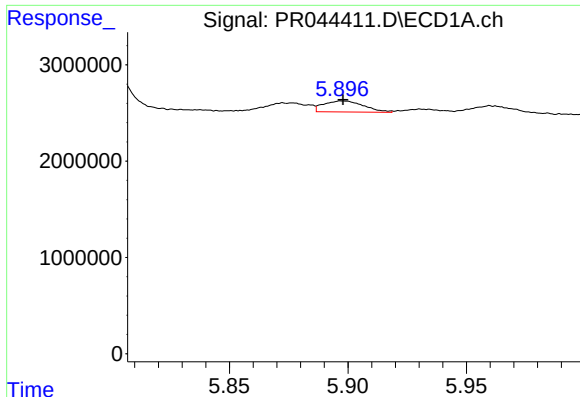
#16 AR-1242-1

R.T.: 5.876 min
Delta R.T.: 0.000 min
Response: 1108522
Conc: 5.77 ng/ml



#16 AR-1242-1

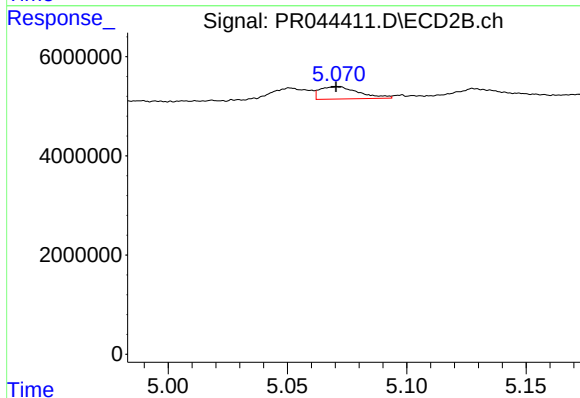
R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 2767558
Conc: 8.88 ng/ml



#17 AR-1242-2

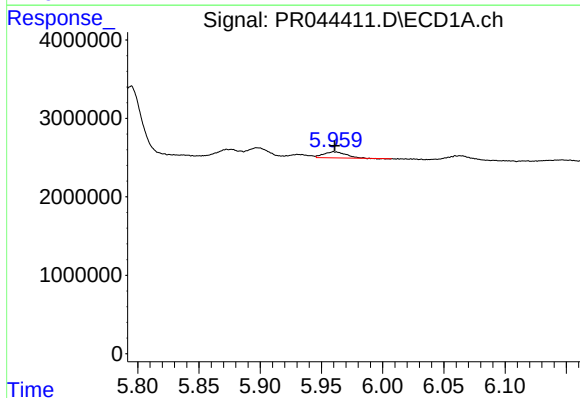
R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 1364078
Conc: 5.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



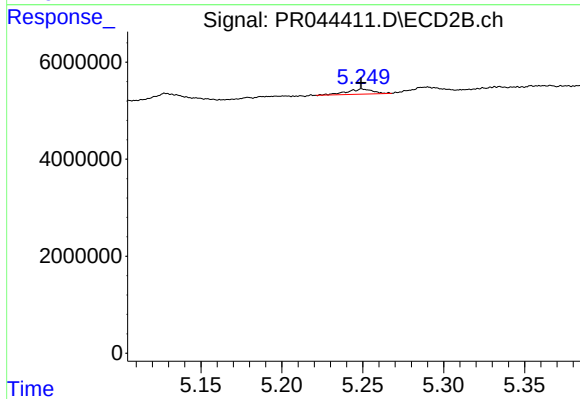
#17 AR-1242-2

R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 2812706
Conc: 6.58 ng/ml



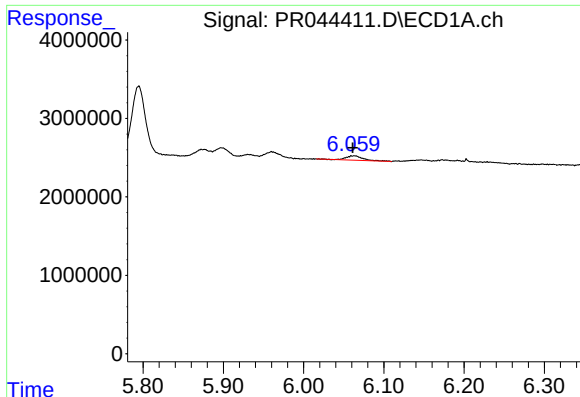
#18 AR-1242-3

R.T.: 5.961 min
Delta R.T.: 0.000 min
Response: 969138
Conc: 5.98 ng/ml



#18 AR-1242-3

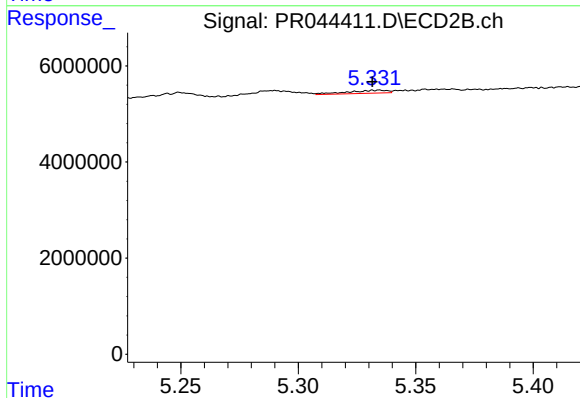
R.T.: 5.250 min
Delta R.T.: 0.000 min
Response: 1220779
Conc: 5.74 ng/ml



#19 AR-1242-4

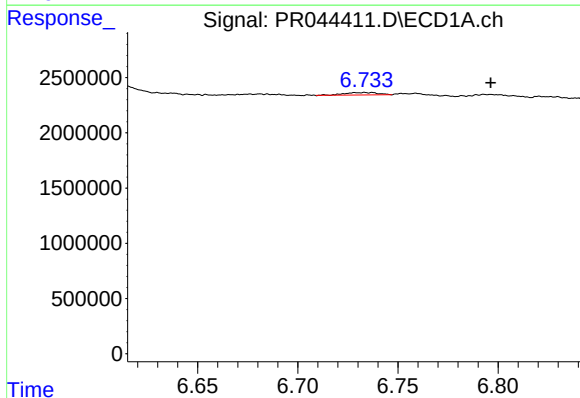
R.T.: 6.064 min
Delta R.T.: 0.002 min
Response: 856708
Conc: 6.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



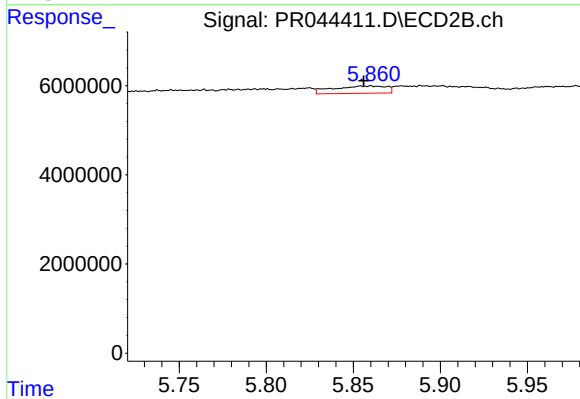
#19 AR-1242-4

R.T.: 5.334 min
Delta R.T.: 0.003 min
Response: 716100
Conc: 3.72 ng/ml



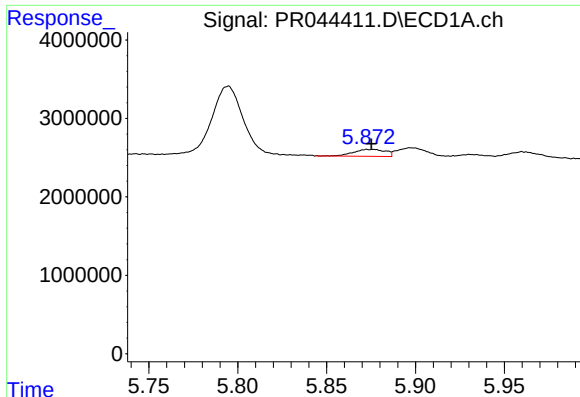
#20 AR-1242-5

R.T.: 6.733 min
Delta R.T.: -0.063 min
Response: 253157
Conc: 1.66 ng/ml



#20 AR-1242-5

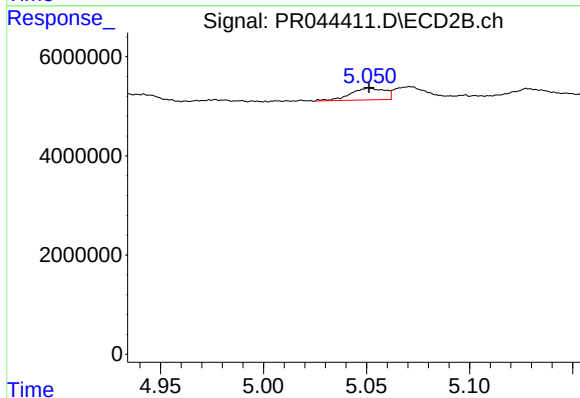
R.T.: 5.860 min
Delta R.T.: 0.004 min
Response: 3468135
Conc: 11.24 ng/ml



#21 AR-1248-1

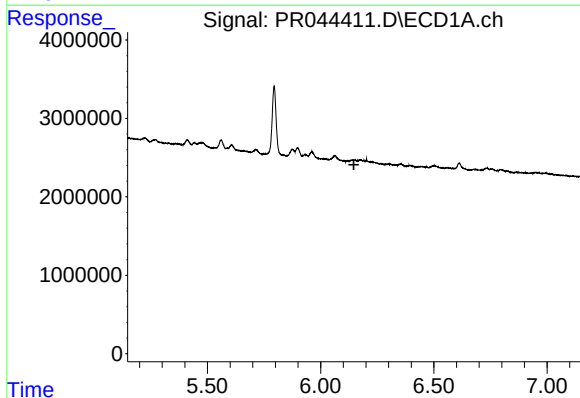
R.T.: 5.876 min
Delta R.T.: 0.000 min
Response: 1108522
Conc: 7.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



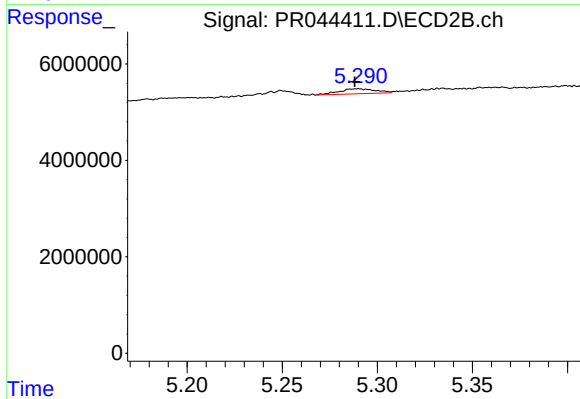
#21 AR-1248-1

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 2767558
Conc: 10.97 ng/ml



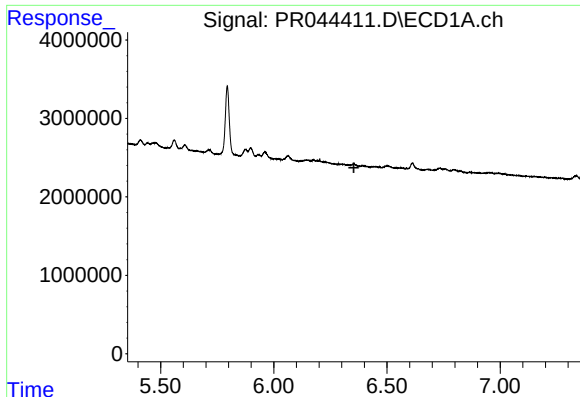
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.147 min
Response: 0
Conc: N.D.



#22 AR-1248-2

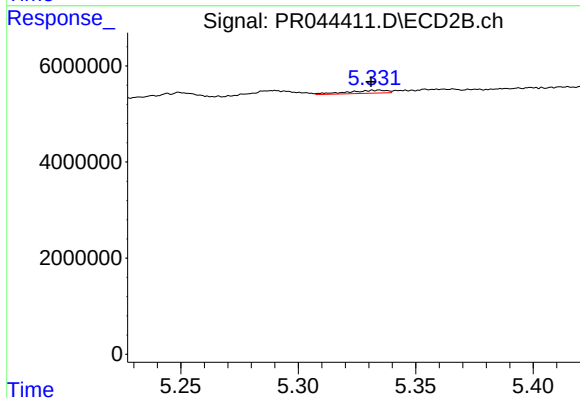
R.T.: 5.290 min
Delta R.T.: 0.002 min
Response: 1382033
Conc: 5.04 ng/ml



#23 AR-1248-3

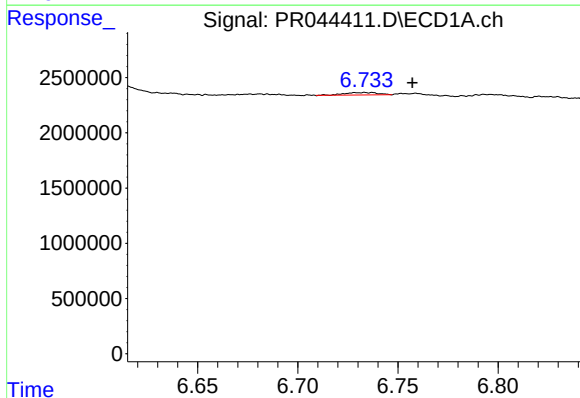
R.T.: 0.000 min
Exp R.T.: 6.354 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



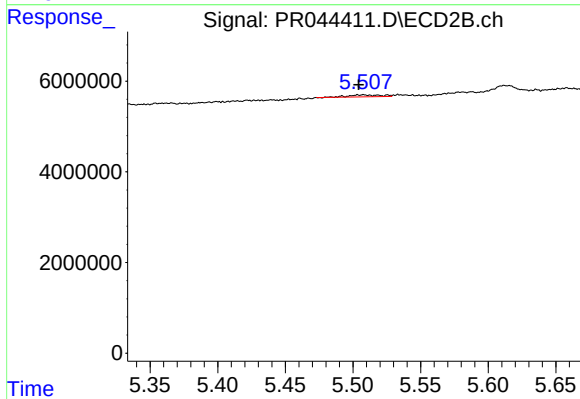
#23 AR-1248-3

R.T.: 5.334 min
Delta R.T.: 0.003 min
Response: 716100
Conc: 2.55 ng/ml



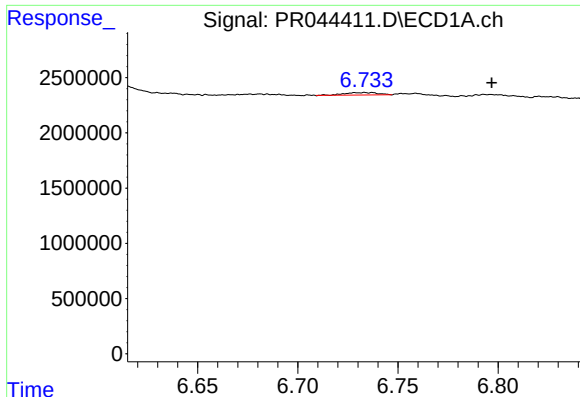
#24 AR-1248-4

R.T.: 6.733 min
Delta R.T.: -0.024 min
Response: 253157
Conc: 0.94 ng/ml



#24 AR-1248-4

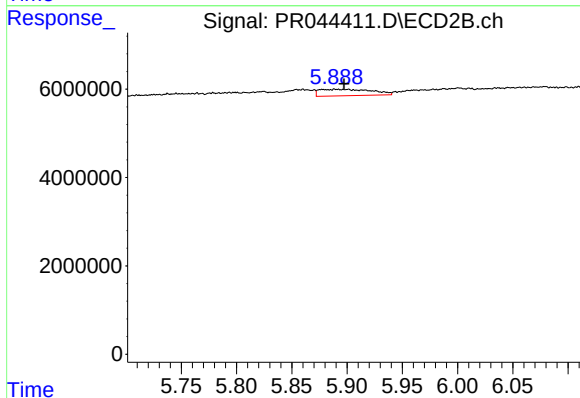
R.T.: 5.508 min
Delta R.T.: 0.004 min
Response: 684645
Conc: 1.89 ng/ml



#25 AR-1248-5

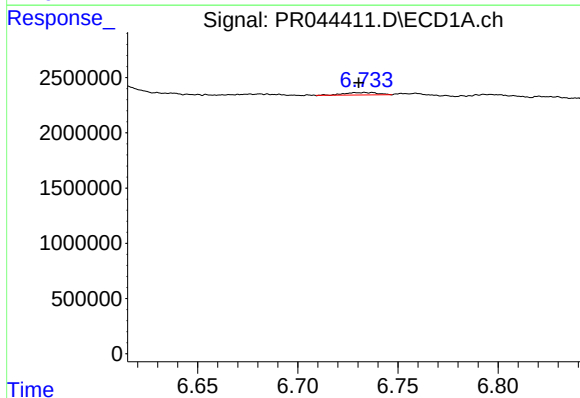
R.T.: 6.733 min
Delta R.T.: -0.063 min
Response: 253157
Conc: 0.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



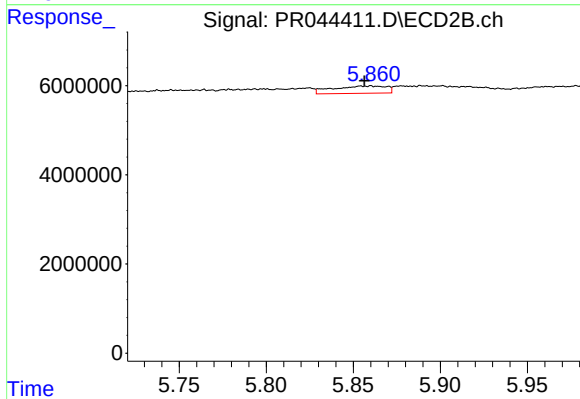
#25 AR-1248-5

R.T.: 5.901 min
Delta R.T.: 0.004 min
Response: 4772032
Conc: 11.38 ng/ml



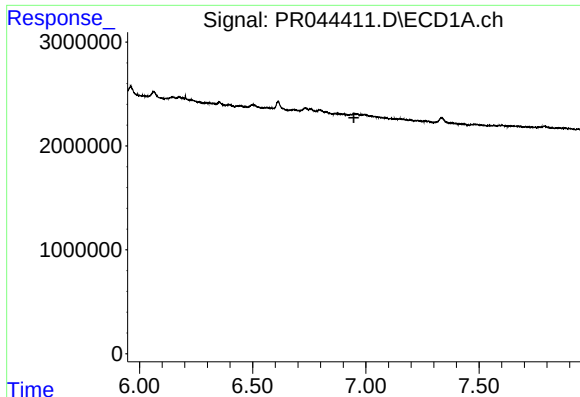
#26 AR-1254-1

R.T.: 6.733 min
Delta R.T.: 0.003 min
Response: 253157
Conc: 0.97 ng/ml



#26 AR-1254-1

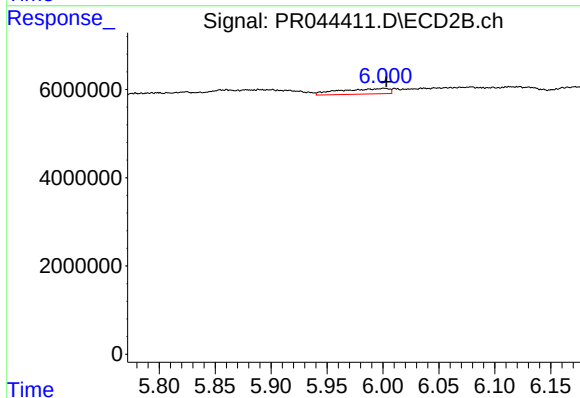
R.T.: 5.860 min
Delta R.T.: 0.004 min
Response: 3468135
Conc: 5.59 ng/ml



#27 AR-1254-2

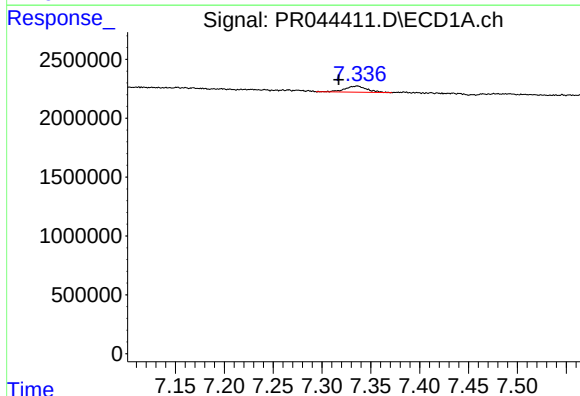
R.T.: 0.000 min
Exp R.T.: 6.947 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



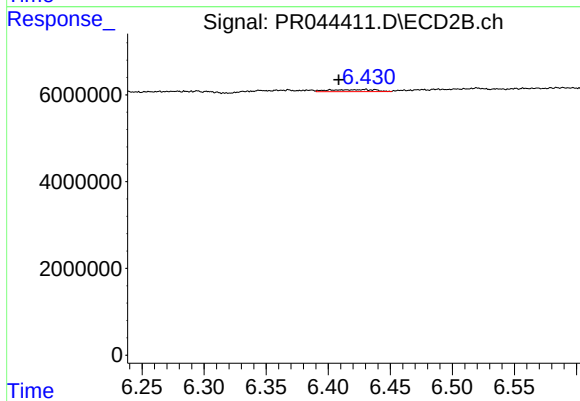
#27 AR-1254-2

R.T.: 6.001 min
Delta R.T.: -0.002 min
Response: 3771274
Conc: 6.79 ng/ml



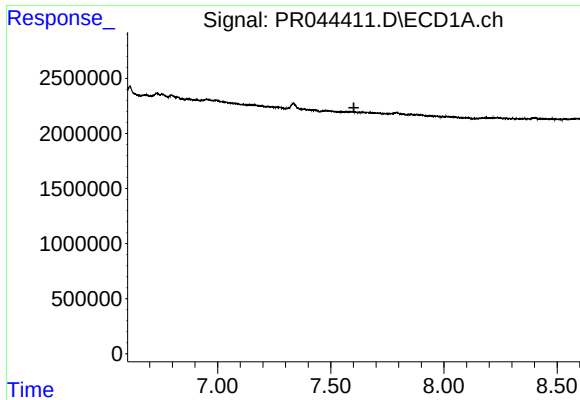
#28 AR-1254-3

R.T.: 7.336 min
Delta R.T.: 0.019 min
Response: 827396
Conc: 1.88 ng/ml



#28 AR-1254-3

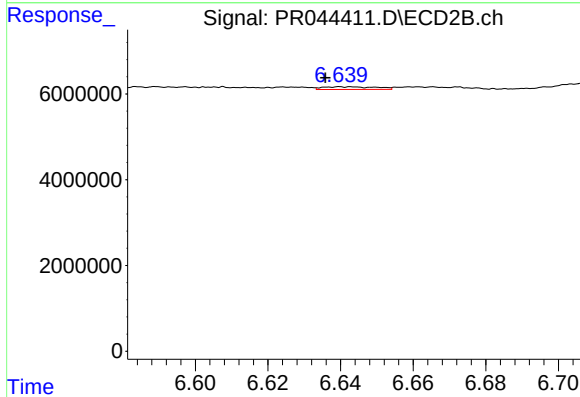
R.T.: 6.430 min
Delta R.T.: 0.021 min
Response: 1184048
Conc: 1.25 ng/ml



#29 AR-1254-4

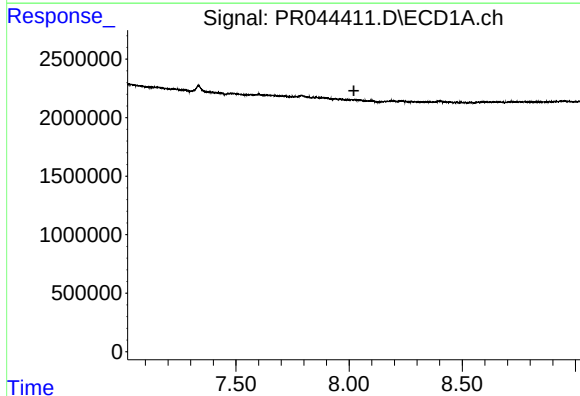
R.T.: 0.000 min
Exp R.T.: 7.602 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



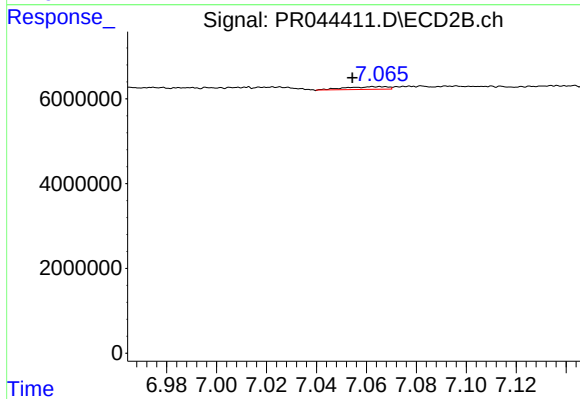
#29 AR-1254-4

R.T.: 6.641 min
Delta R.T.: 0.005 min
Response: 629359
Conc: 0.87 ng/ml



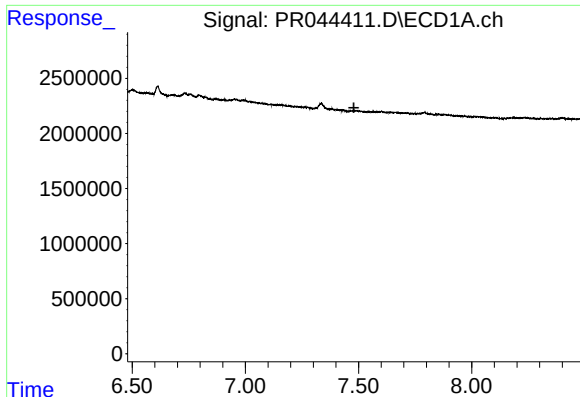
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T.: 8.021 min
Response: 0
Conc: N.D.



#30 AR-1254-5

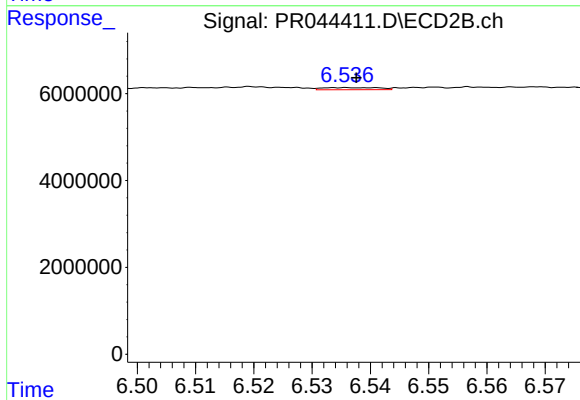
R.T.: 7.066 min
Delta R.T.: 0.011 min
Response: 746679
Conc: 0.87 ng/ml



#31 AR-1260-1

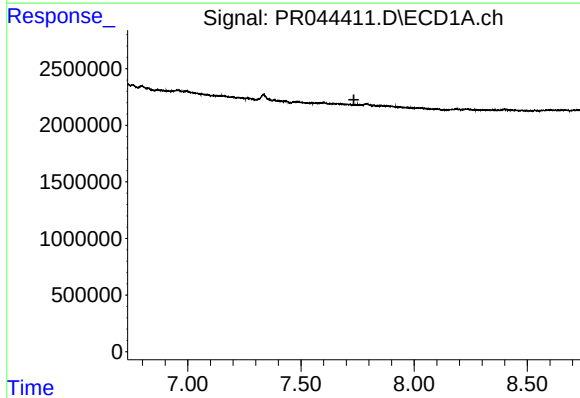
R.T.: 0.000 min
Exp R.T.: 7.480 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



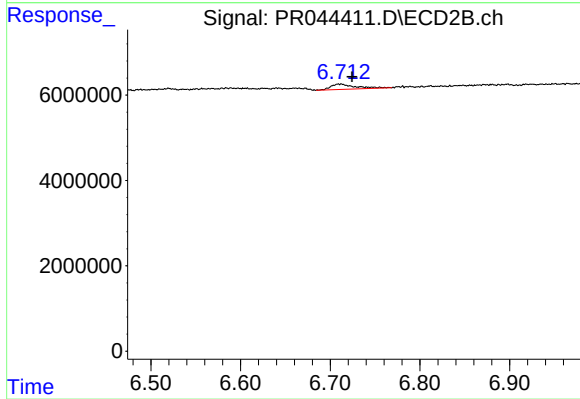
#31 AR-1260-1

R.T.: 6.536 min
Delta R.T.: -0.002 min
Response: 334371
Conc: 0.49 ng/ml



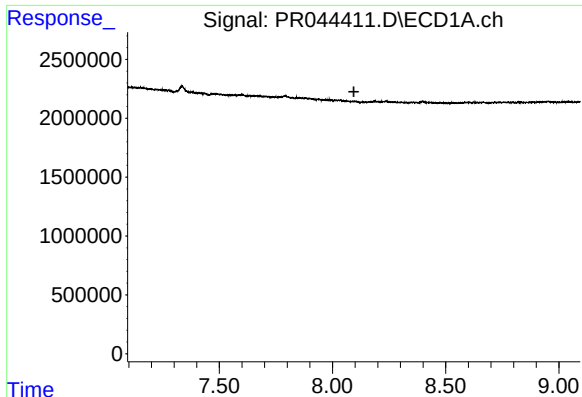
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 7.734 min
Response: 0
Conc: N.D.



#32 AR-1260-2

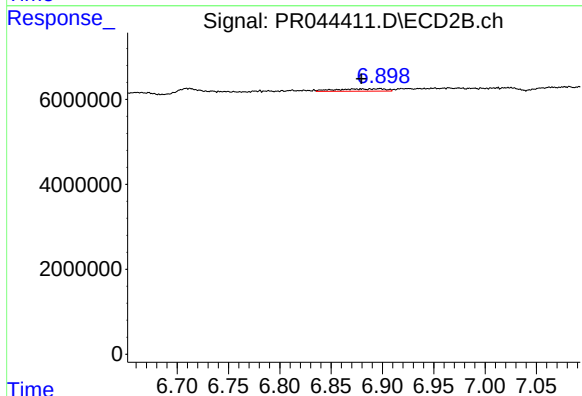
R.T.: 6.712 min
Delta R.T.: -0.012 min
Response: 2410686
Conc: 2.41 ng/ml



#33 AR-1260-3

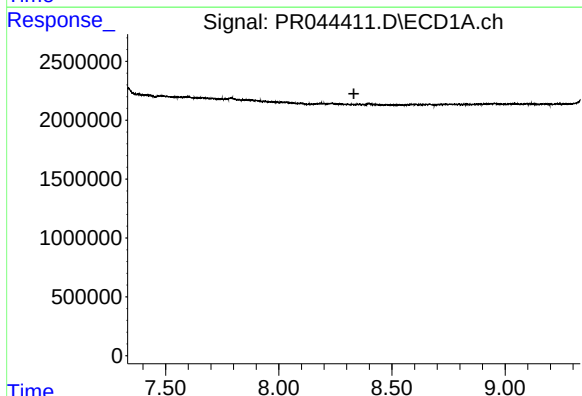
R.T.: 0.000 min
Exp R.T.: 8.094 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



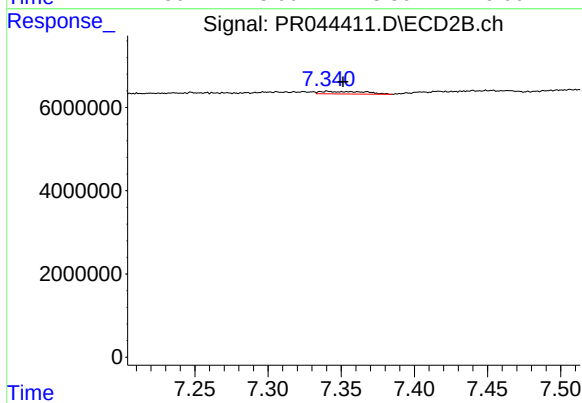
#33 AR-1260-3

R.T.: 6.898 min
Delta R.T.: 0.018 min
Response: 1864075
Conc: 2.30 ng/ml



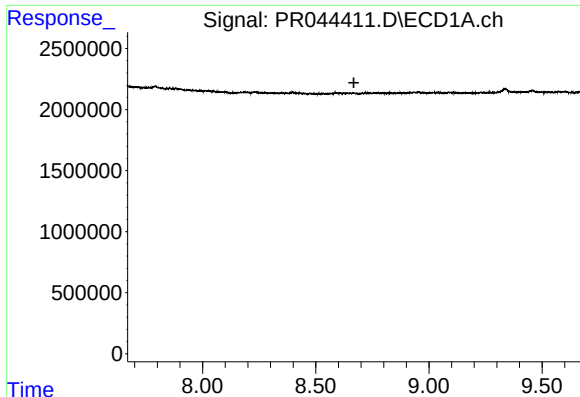
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 8.332 min
Response: 0
Conc: N.D.



#34 AR-1260-4

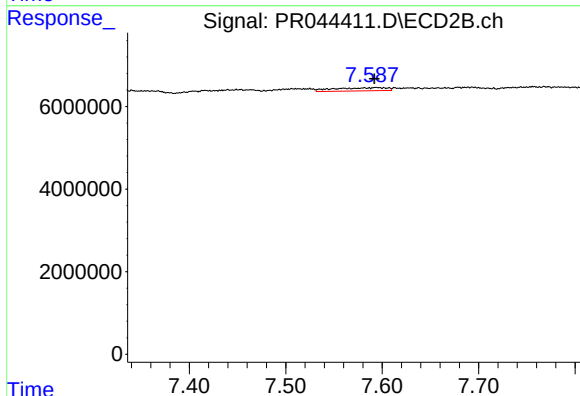
R.T.: 7.341 min
Delta R.T.: -0.011 min
Response: 1333880
Conc: 1.85 ng/ml



#35 AR-1260-5

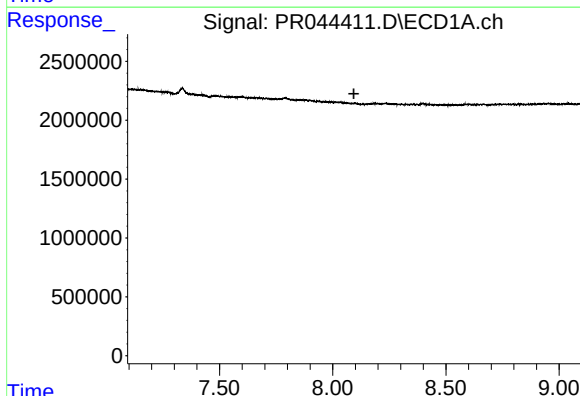
R.T.: 0.000 min
Exp R.T. : 8.669 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



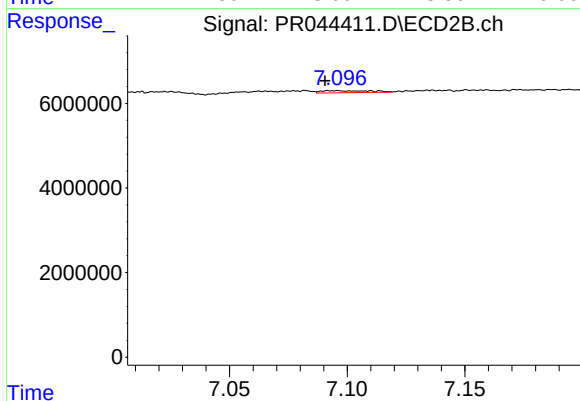
#35 AR-1260-5

R.T.: 7.594 min
Delta R.T.: 0.002 min
Response: 2953047
Conc: 1.37 ng/ml



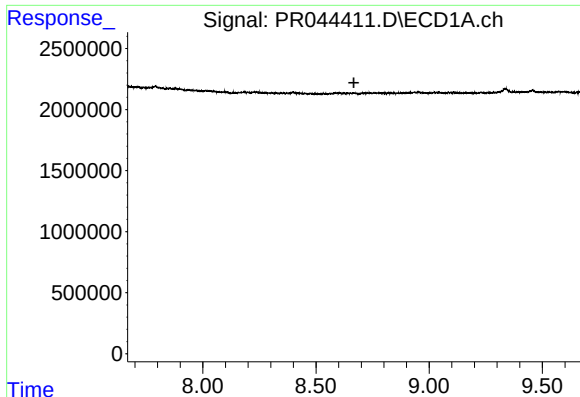
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.094 min
Response: 0
Conc: N.D.



#36 AR-1262-1

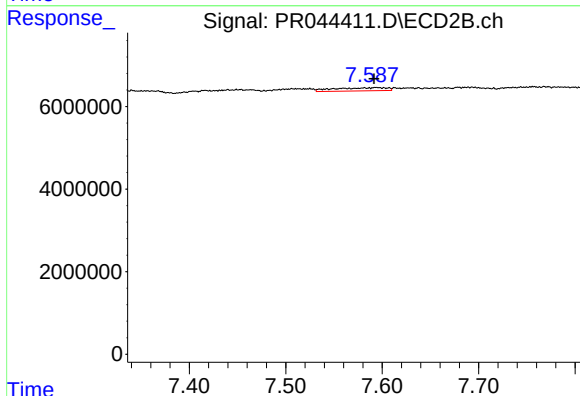
R.T.: 7.095 min
Delta R.T.: 0.005 min
Response: 702833
Conc: 0.58 ng/ml



#37 AR-1262-2

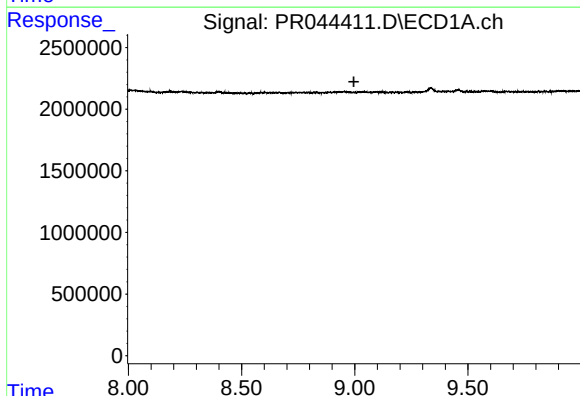
R.T.: 0.000 min
Exp R.T. : 8.668 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



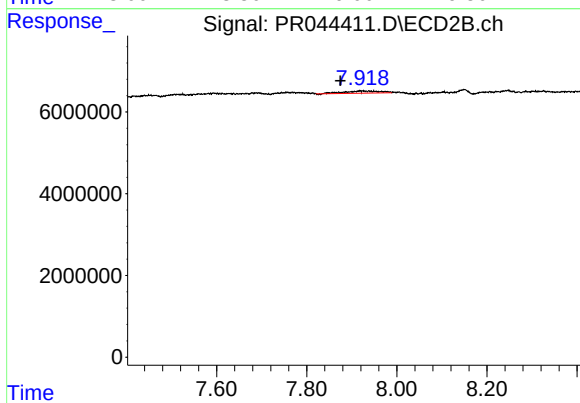
#37 AR-1262-2

R.T.: 7.594 min
Delta R.T.: 0.002 min
Response: 2953047
Conc: 1.33 ng/ml



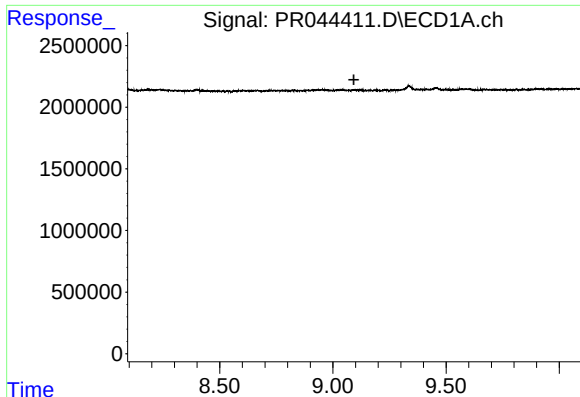
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.996 min
Response: 0
Conc: N.D.



#38 AR-1262-3

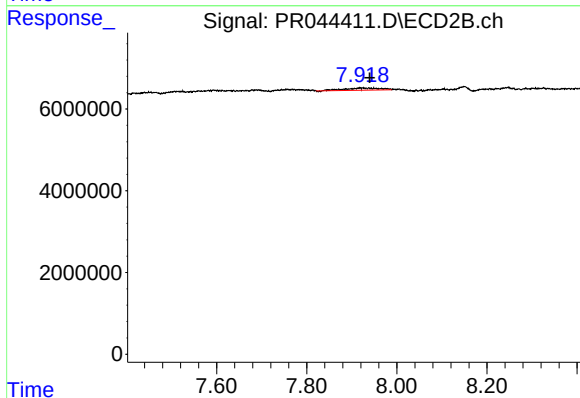
R.T.: 7.919 min
Delta R.T.: 0.044 min
Response: 2812810
Conc: 3.18 ng/ml



#39 AR-1262-4

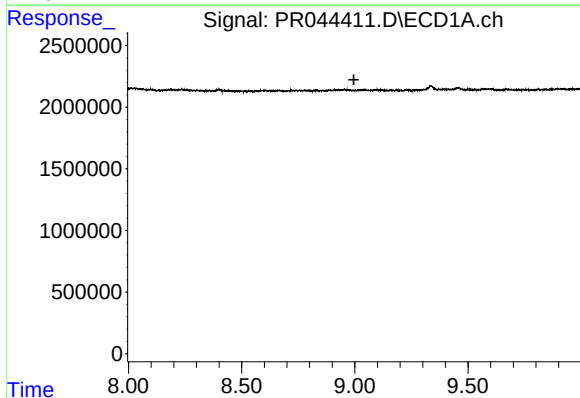
R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



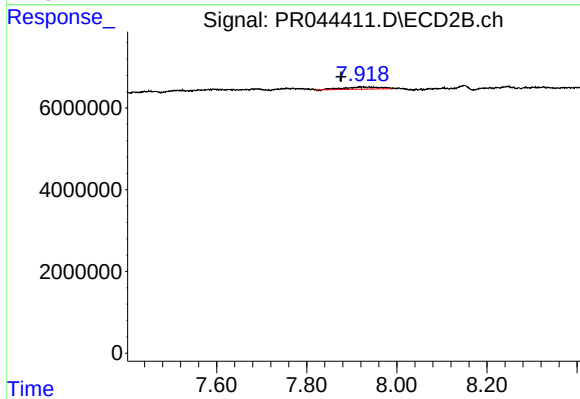
#39 AR-1262-4

R.T.: 7.919 min
Delta R.T.: -0.021 min
Response: 2812810
Conc: 1.91 ng/ml



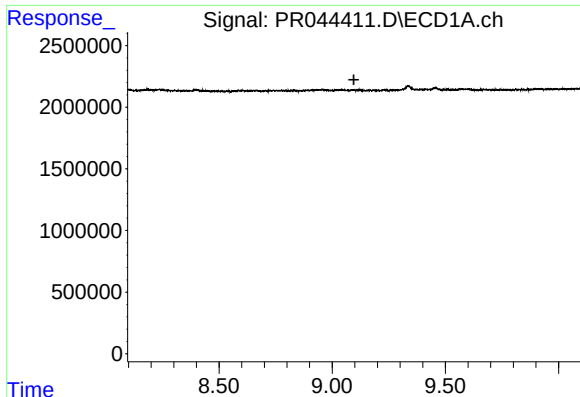
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.996 min
Response: 0
Conc: N.D.



#41 AR-1268-1

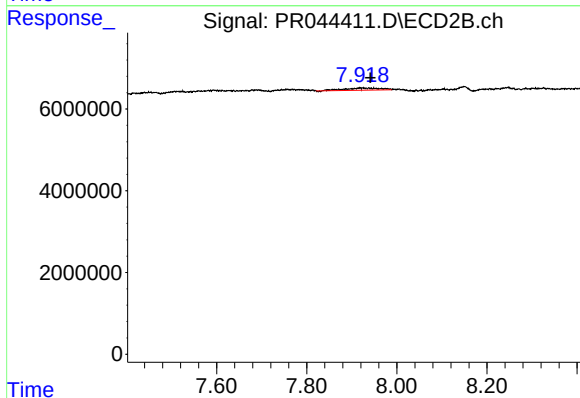
R.T.: 7.919 min
Delta R.T.: 0.043 min
Response: 2812810
Conc: 1.05 ng/ml



#42 AR-1268-2

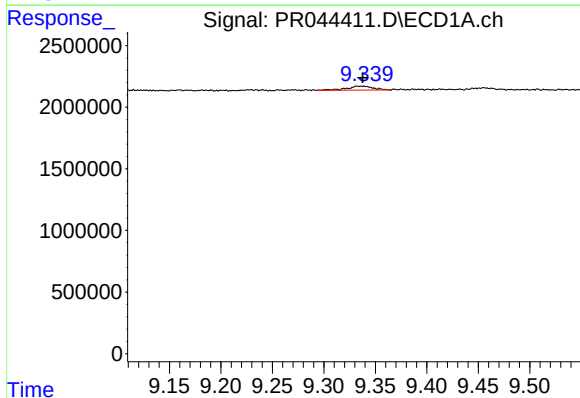
R.T.: 0.000 min
Exp R.T.: 9.096 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



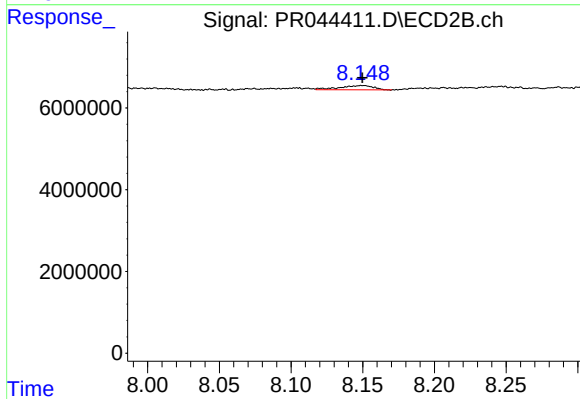
#42 AR-1268-2

R.T.: 7.919 min
Delta R.T.: -0.022 min
Response: 2812810
Conc: 1.23 ng/ml



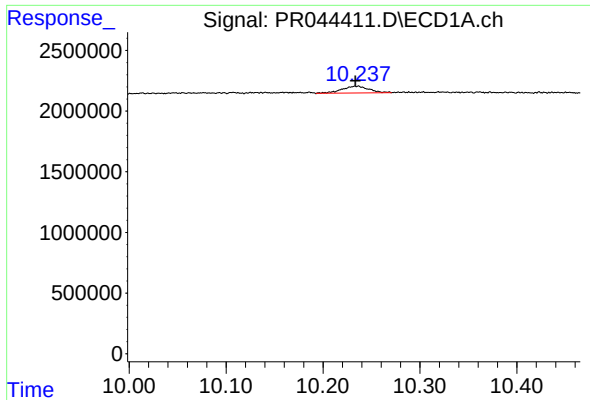
#43 AR-1268-3

R.T.: 9.338 min
Delta R.T.: 0.000 min
Response: 592745
Conc: 0.72 ng/ml



#43 AR-1268-3

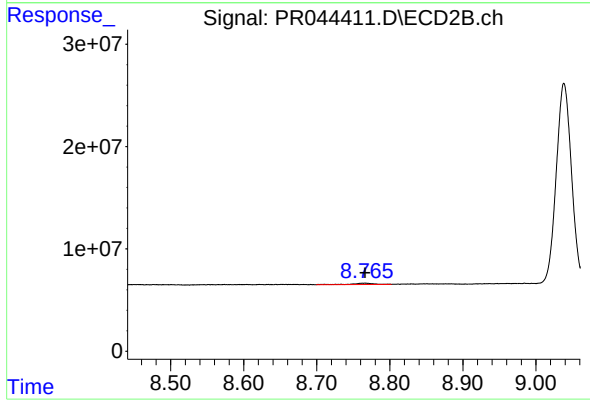
R.T.: 8.149 min
Delta R.T.: 0.000 min
Response: 1686567
Conc: 0.87 ng/ml



#45 AR-1268-5

R.T.: 10.236 min
Delta R.T.: 0.002 min
Response: 1090030
Conc: 0.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.766 min
Delta R.T.: 0.000 min
Response: 2694139
Conc: 0.48 ng/ml