Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR071618\
Data File : PR030323.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2018 18:41
Operator : MA/SM
Sample : AR1221 LOD
Misc : 25PPB LOD ECD_R SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : ECD_R
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 04:45:24 2018
Quant Method : \\TERASTORAGE\Terastorage\pestpcbsrv\HPCHEM1\ECD_R\Method\PR071618.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 17 04:28:56 2018
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...	4.558	3.699	555.0E6	709.9E6	16.061	14.674	
2)	SA Decachlor...	10.327	8.612	504.6E6	339.2E6	16.665	16.960	
	Target Compounds							
3)	L1 AR-1016-1	0.000	4.545	0	7008239	N.D.	5.754	#
4)	L1 AR-1016-2	0.000	4.954	0	2790631	N.D.	2.210	#
5)	L1 AR-1016-3	0.000	5.014	0	1905610	N.D.	1.563	#
6)	L1 AR-1016-4	0.000	5.204	0	2841460	N.D.	2.108	#
7)	L1 AR-1016-5	0.000	5.542	0	2204373	N.D.	1.599	#
8)	L2 AR-1221-1	4.764	3.907	16037958	17203417	40.328	29.726	#
9)	L2 AR-1221-2	4.860	3.993	19683246	22388620	66.925	52.464	
10)	L2 AR-1221-3	4.923	4.067	28873790	38121308	30.639	27.080	
11)	L3 AR-1232-1	4.923	4.067	28873790	38121308	50.248	42.854	
12)	L3 AR-1232-2	0.000	4.954	0	2790631	N.D.	5.559	#
13)	L3 AR-1232-3	0.000	4.997	0	1860694	N.D.	5.268	#
14)	L3 AR-1232-4	0.000	5.542	0	2204373	N.D.	3.639	#
15)	L3 AR-1232-5	0.000	5.599	0	2973327	N.D.	4.895	#
16)	L4 AR-1242-1	0.000	4.545	0	7008239	N.D.	6.969	#
17)	L4 AR-1242-2	0.000	4.780	0	14506437	N.D.	6.606	#
18)	L4 AR-1242-3	0.000	4.834	0	4890732	N.D.	3.700	#
19)	L4 AR-1242-4	0.000	5.014	0	1905610	N.D.	1.899	#
20)	L4 AR-1242-5	0.000	5.204	0	2841460	N.D.	2.542	#
21)	L5 AR-1248-1	0.000	4.997	0	1860694	N.D.	1.396	#
22)	L5 AR-1248-2	0.000	5.014	0	1905610	N.D.	1.393	#
23)	L5 AR-1248-3	6.568	5.204	18947615	2841460	23.449	1.677	#
24)	L5 AR-1248-4	6.568	5.542	18947615	2204373	18.778	0.896	#
25)	L5 AR-1248-5	0.000	5.599	0	2973327	N.D.	1.712	#
26)	L6 AR-1254-1	0.000	4.997	0	1860694	N.D.	1.801	#
27)	L6 AR-1254-2	0.000	5.700	0	3082555	N.D.	1.363	#
28)	L6 AR-1254-3	7.154	6.098	8151418	11511981	4.617	3.164	#
29)	L6 AR-1254-4	0.000	6.313	0	8084517	N.D.	2.949	#
30)	L6 AR-1254-5	0.000	6.725	0	3382039	N.D.	1.269	#
31)	L7 AR-1260-1	0.000	6.209	0	5527051	N.D.	2.216	#
36)	L8 AR-1262-1	0.000	6.209	0	5527051	N.D.	2.712	#
37)	L8 AR-1262-2	7.575	6.403	-7260726	17979143	N.D.	7.520	#
38)	L8 AR-1262-3	0.000	6.756	0	2569720	N.D.	0.870	#
39)	L8 AR-1262-4	0.000	7.005	0	1973747	N.D.	0.945	#
40)	L8 AR-1262-5	0.000	7.247	0	4694891	N.D.	1.185	#
41)	L9 AR-1268-1	0.000	7.540	0	3246054	N.D.	0.932	#
42)	L9 AR-1268-2	0.000	7.599	0	3170317	N.D.	1.062	#
43)	L9 AR-1268-3	0.000	7.791	0	12937031	N.D.	5.658	#
45)	L9 AR-1268-5	0.000	8.366	0	3427681	N.D.	0.655	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR071618\
Data File : PR030323.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2018 18:41
Operator : MA/SM
Sample : AR1221 LOD
Misc : 25PPB LOD ECD_R SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 04:45:24 2018
Quant Method : \\TERASTORAGE\Terastorage\pestpcbsrv\HPCHEM1\ECD_R\Method\PR071618.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 17 04:28:56 2018
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

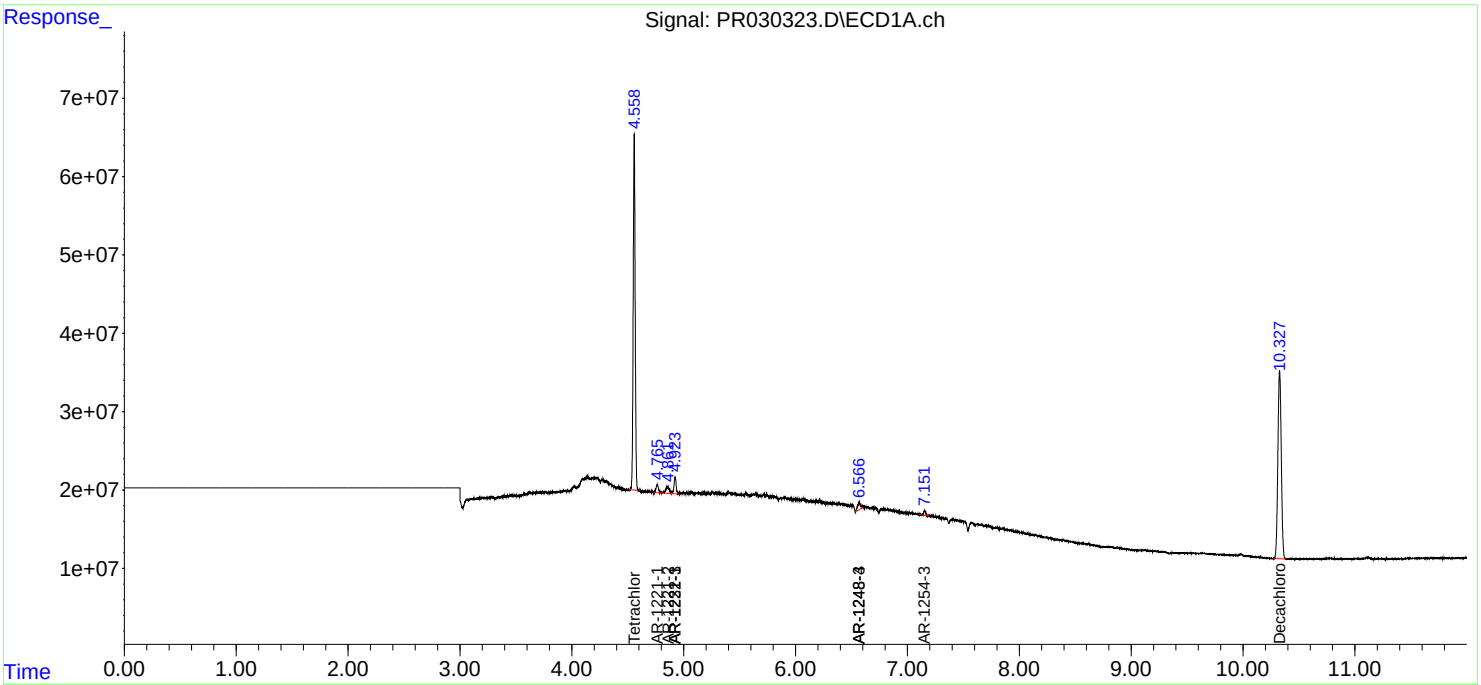
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

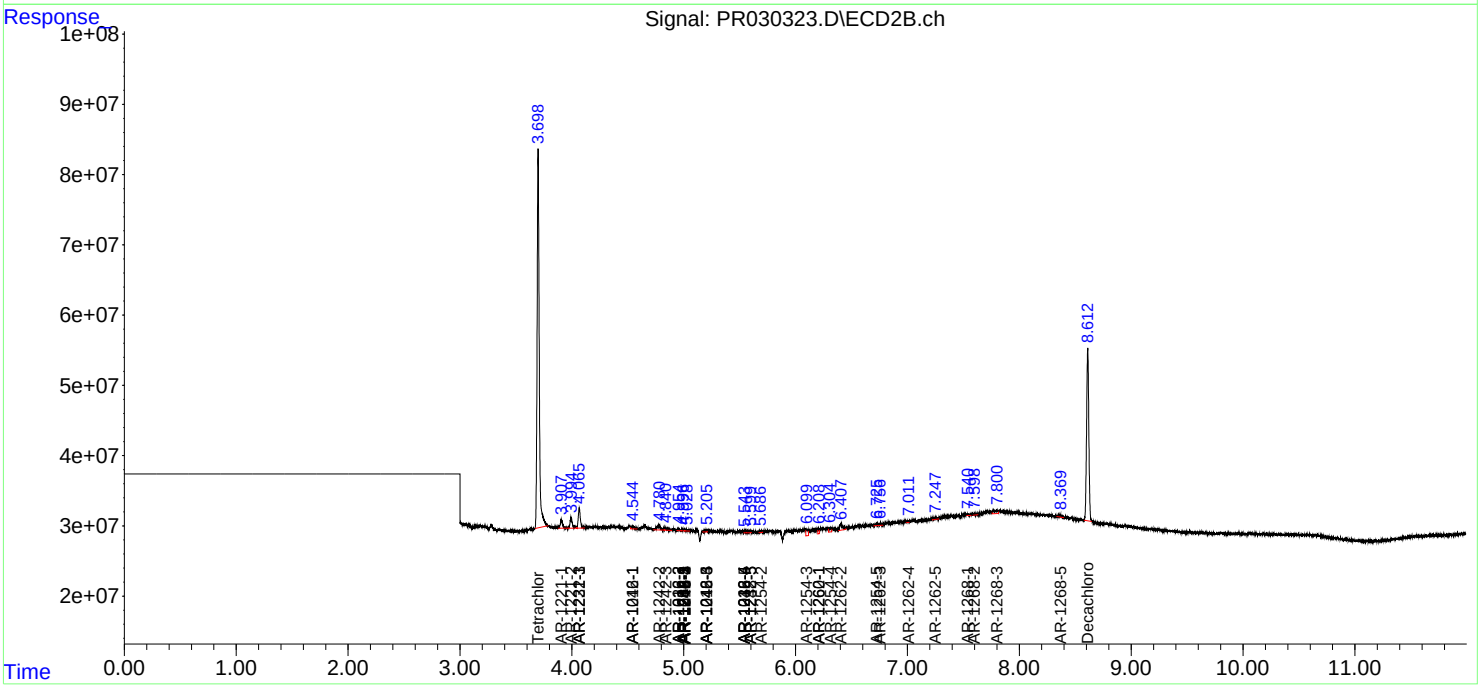
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR071618\
Data File : PR030323.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2018 18:41
Operator : MA/SM
Sample : AR1221 LOD
Misc : 25PPB LOD ECD_R SOIL
ALS Vial : 19 Sample Multiplier: 1

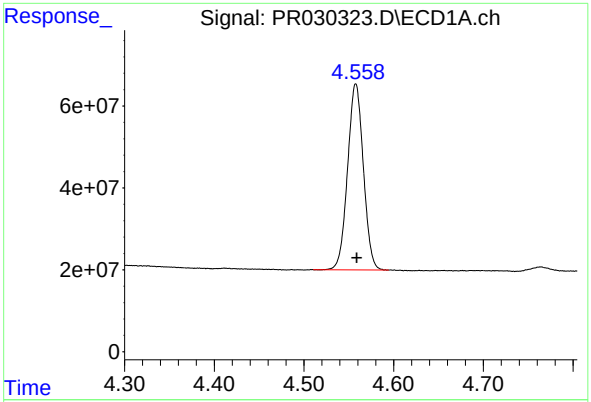
Instrument :
ECD_R
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 04:45:24 2018
Quant Method : \\TERASTORAGE\Terastorage\pestpcbsrv\HPCHEM1\ECD_R\Method\PR071618.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 17 04:28:56 2018
Response via : Initial Calibration
Integrator: ChemStation

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



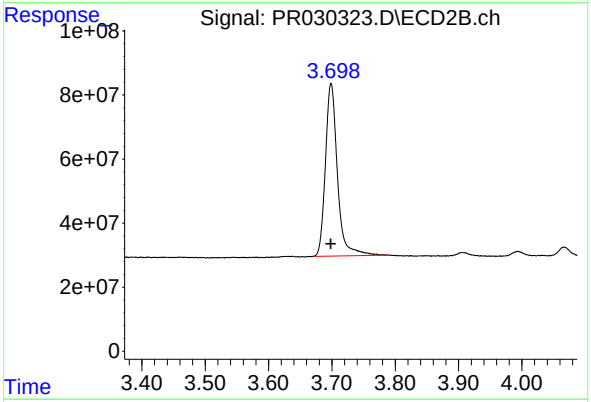




#1 Tetrachloro-m-xylene

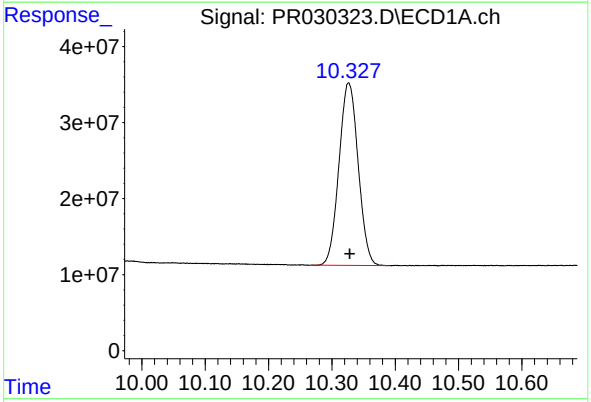
R.T.: 4.558 min
Delta R.T.: -0.001 min
Response: 555014551
Conc: 16.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



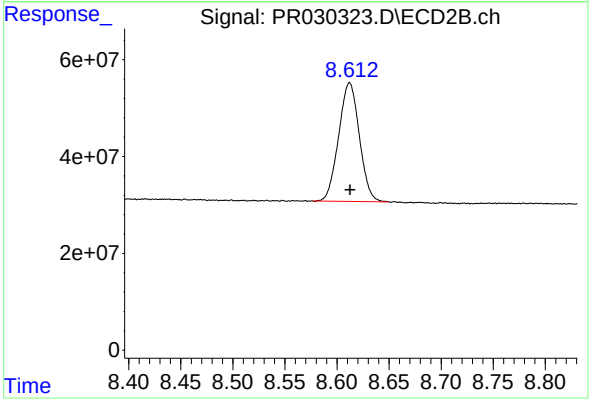
#1 Tetrachloro-m-xylene

R.T.: 3.699 min
Delta R.T.: 0.000 min
Response: 709909223
Conc: 14.67 ng/ml



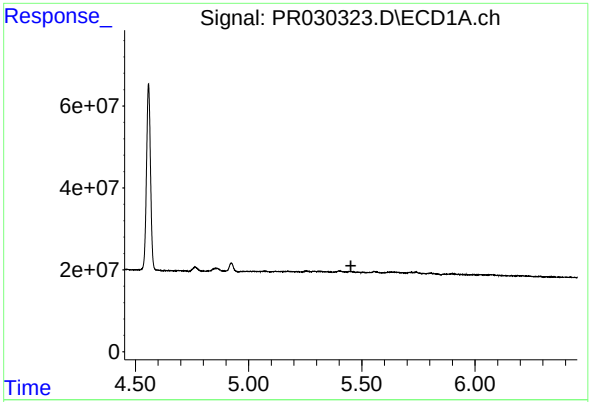
#2 Decachlorobiphenyl

R.T.: 10.327 min
Delta R.T.: -0.001 min
Response: 504608815
Conc: 16.66 ng/ml



#2 Decachlorobiphenyl

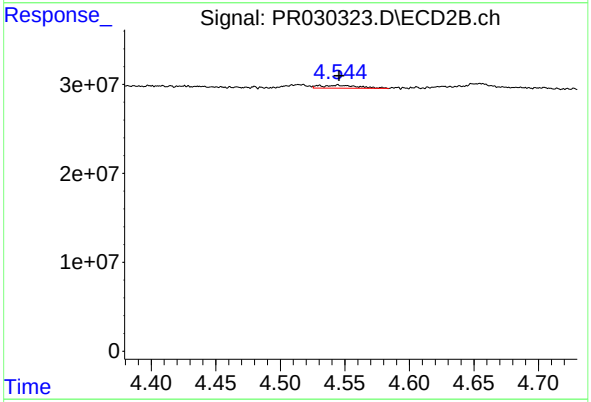
R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 339167836
Conc: 16.96 ng/ml



#3 AR-1016-1

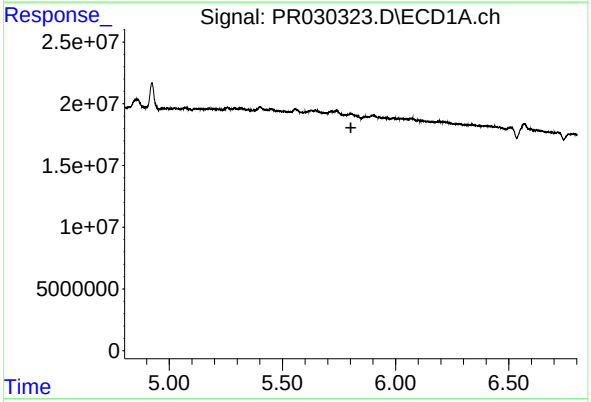
R.T.: 0.000 min
Exp R.T. : 5.452 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



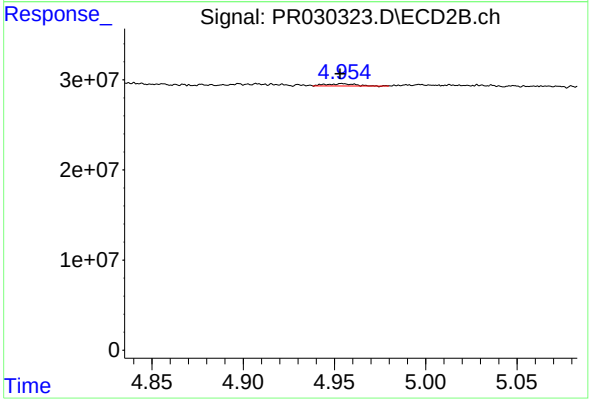
#3 AR-1016-1

R.T.: 4.545 min
Delta R.T.: 0.000 min
Response: 7008239
Conc: 5.75 ng/ml



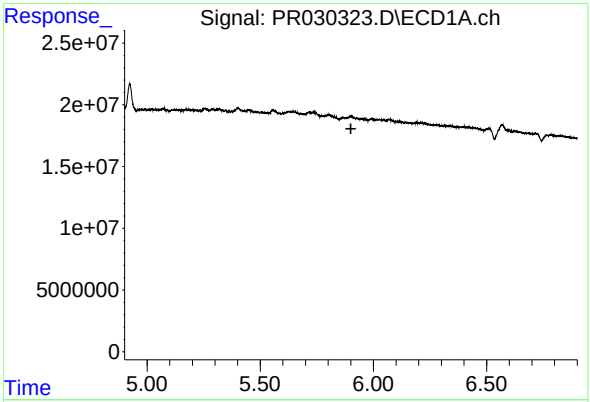
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.802 min
Response: 0
Conc: N.D.



#4 AR-1016-2

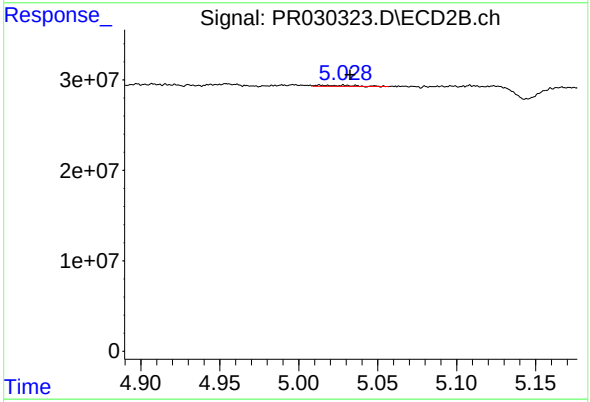
R.T.: 4.954 min
Delta R.T.: 0.001 min
Response: 2790631
Conc: 2.21 ng/ml



#5 AR-1016-3

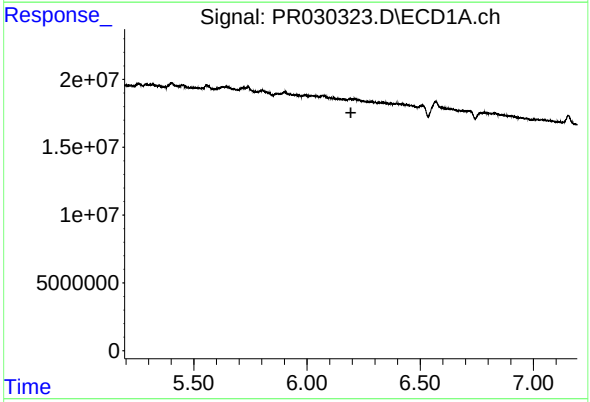
R.T.: 0.000 min
Exp R.T. : 5.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



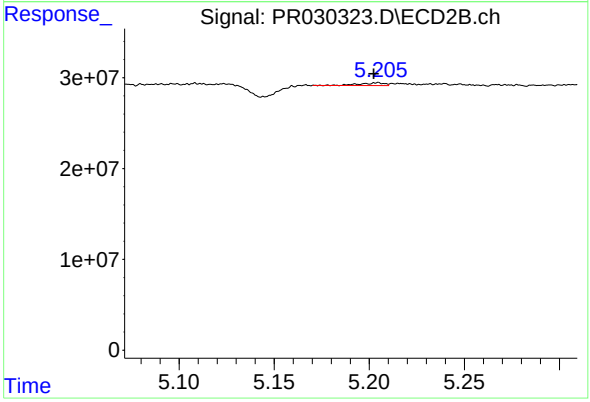
#5 AR-1016-3

R.T.: 5.014 min
Delta R.T.: -0.019 min
Response: 1905610
Conc: 1.56 ng/ml



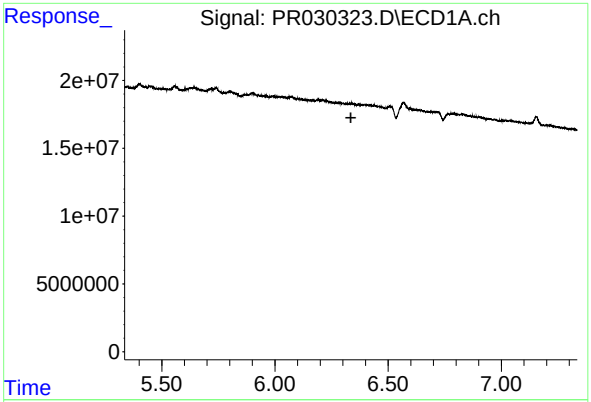
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.194 min
Response: 0
Conc: N.D.



#6 AR-1016-4

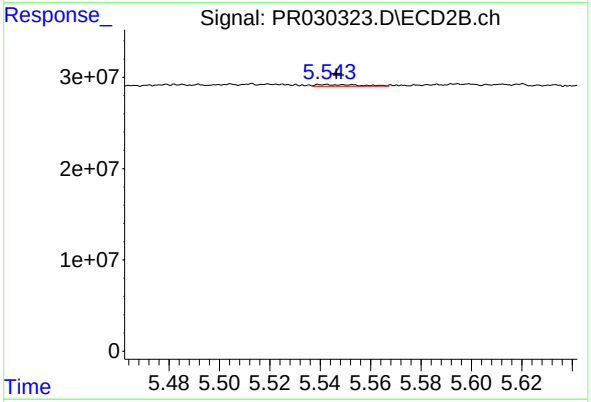
R.T.: 5.204 min
Delta R.T.: 0.002 min
Response: 2841460
Conc: 2.11 ng/ml



#7 AR-1016-5

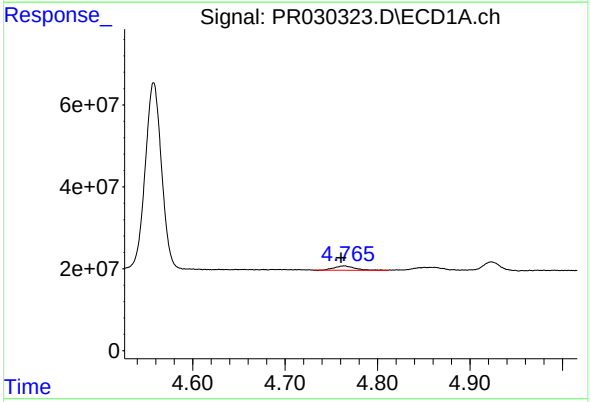
R.T.: 0.000 min
Exp R.T. : 6.335 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



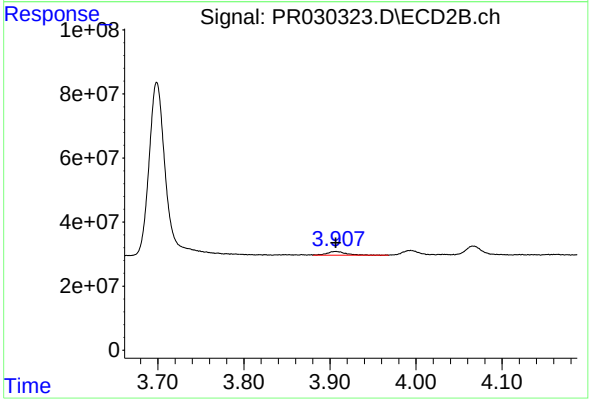
#7 AR-1016-5

R.T.: 5.542 min
Delta R.T.: -0.004 min
Response: 2204373
Conc: 1.60 ng/ml



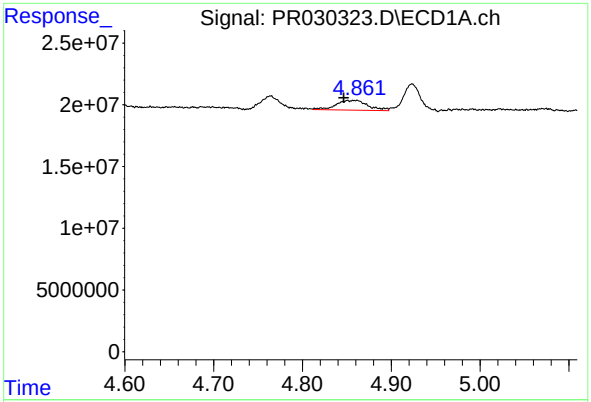
#8 AR-1221-1

R.T.: 4.764 min
Delta R.T.: 0.003 min
Response: 16037958
Conc: 40.33 ng/ml



#8 AR-1221-1

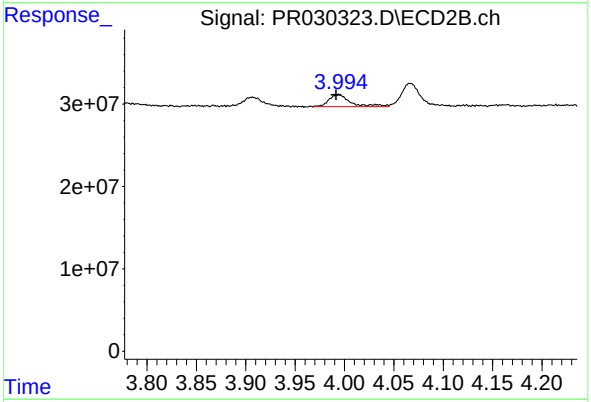
R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 17203417
Conc: 29.73 ng/ml



#9 AR-1221-2

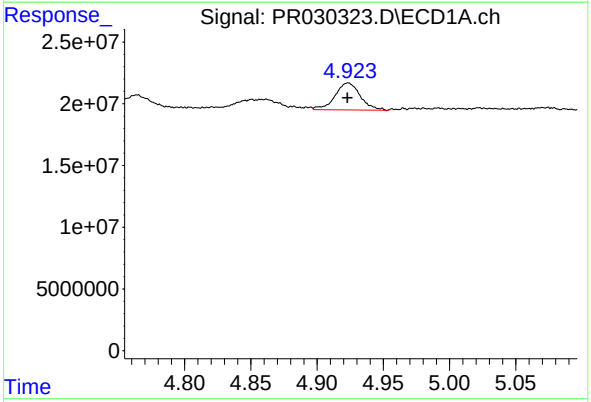
R.T.: 4.860 min
Delta R.T.: 0.013 min
Response: 19683246
Conc: 66.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



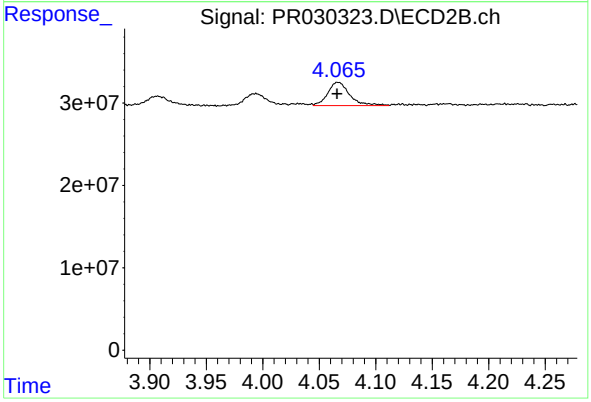
#9 AR-1221-2

R.T.: 3.993 min
Delta R.T.: 0.002 min
Response: 22388620
Conc: 52.46 ng/ml



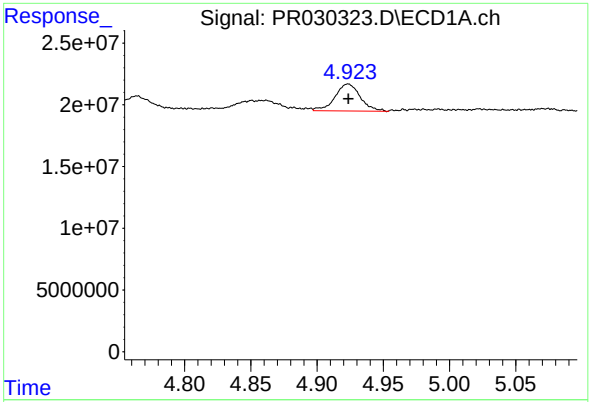
#10 AR-1221-3

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 28873790
Conc: 30.64 ng/ml



#10 AR-1221-3

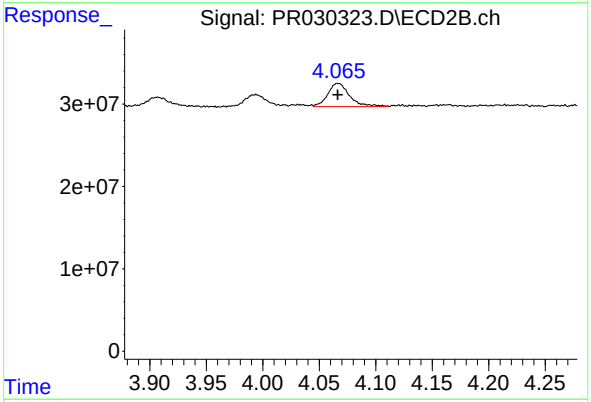
R.T.: 4.067 min
Delta R.T.: 0.000 min
Response: 38121308
Conc: 27.08 ng/ml



#11 AR-1232-1

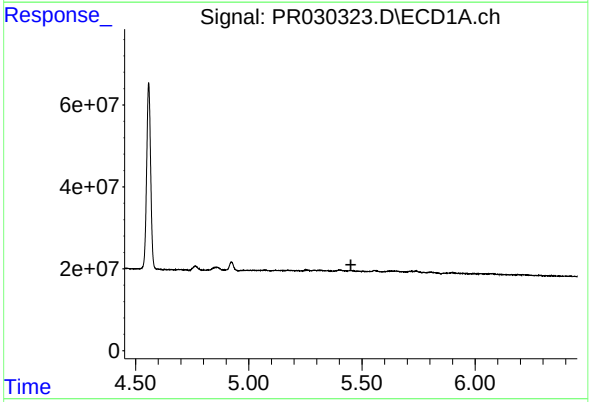
R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 28873790
Conc: 50.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



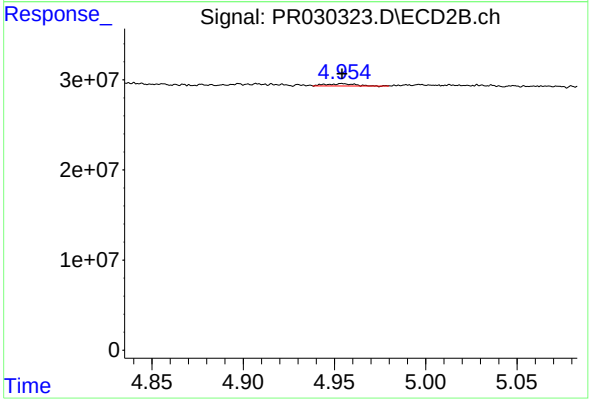
#11 AR-1232-1

R.T.: 4.067 min
Delta R.T.: 0.000 min
Response: 38121308
Conc: 42.85 ng/ml



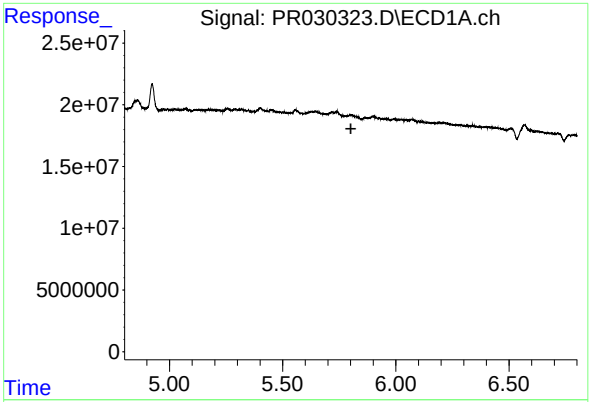
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.451 min
Response: 0
Conc: N.D.



#12 AR-1232-2

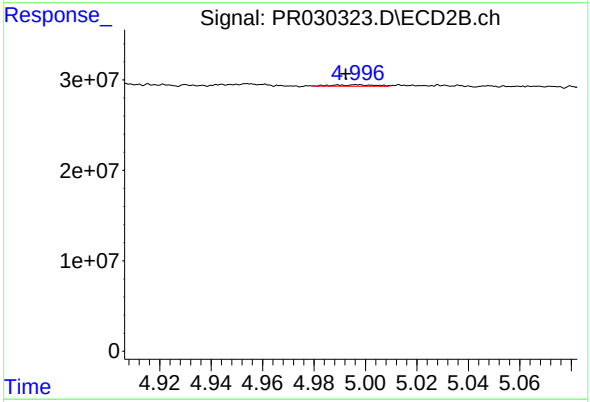
R.T.: 4.954 min
Delta R.T.: 0.000 min
Response: 2790631
Conc: 5.56 ng/ml



#13 AR-1232-3

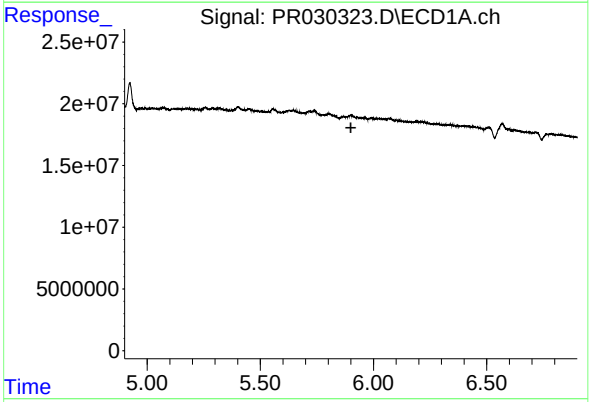
R.T.: 0.000 min
Exp R.T. : 5.802 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



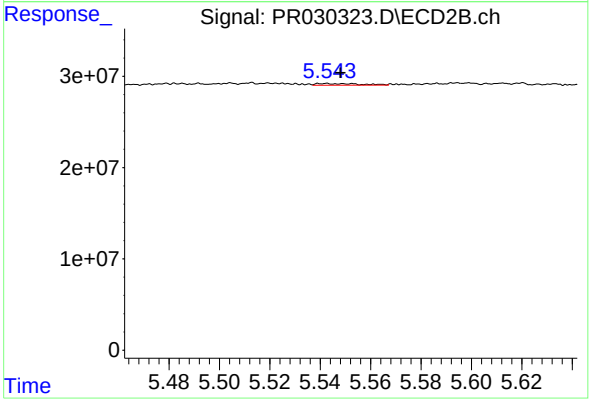
#13 AR-1232-3

R.T.: 4.997 min
Delta R.T.: 0.005 min
Response: 1860694
Conc: 5.27 ng/ml



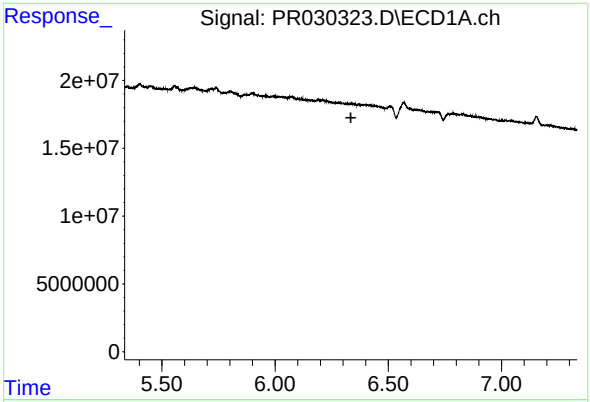
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.900 min
Response: 0
Conc: N.D.



#14 AR-1232-4

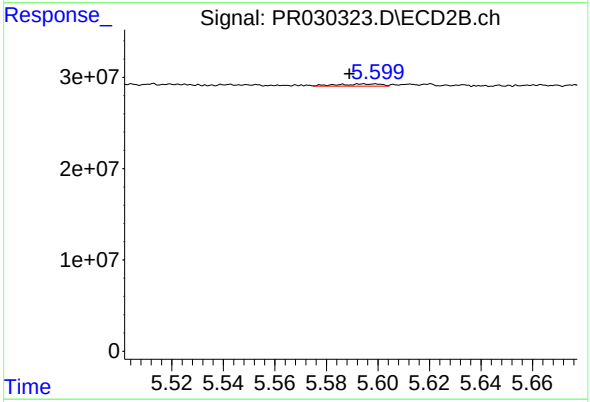
R.T.: 5.542 min
Delta R.T.: -0.006 min
Response: 2204373
Conc: 3.64 ng/ml



#15 AR-1232-5

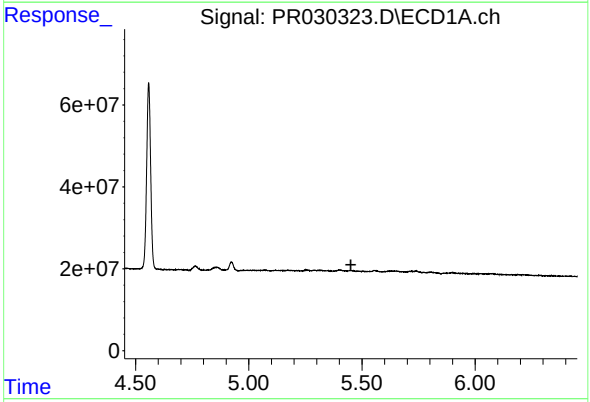
R.T.: 0.000 min
Exp R.T. : 6.335 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



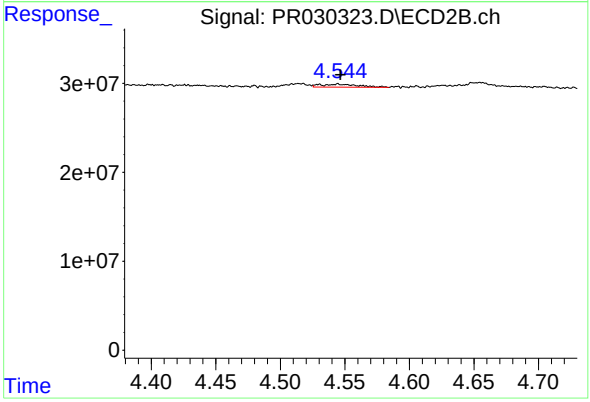
#15 AR-1232-5

R.T.: 5.599 min
Delta R.T.: 0.010 min
Response: 2973327
Conc: 4.90 ng/ml



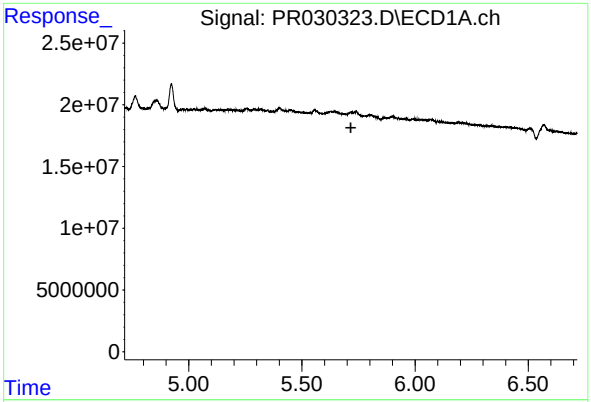
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.451 min
Response: 0
Conc: N.D.



#16 AR-1242-1

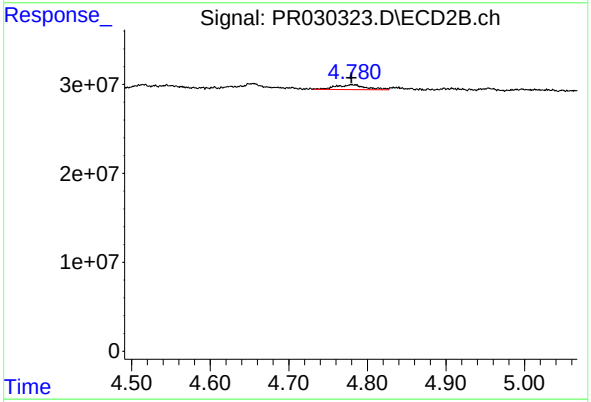
R.T.: 4.545 min
Delta R.T.: -0.002 min
Response: 7008239
Conc: 6.97 ng/ml



#17 AR-1242-2

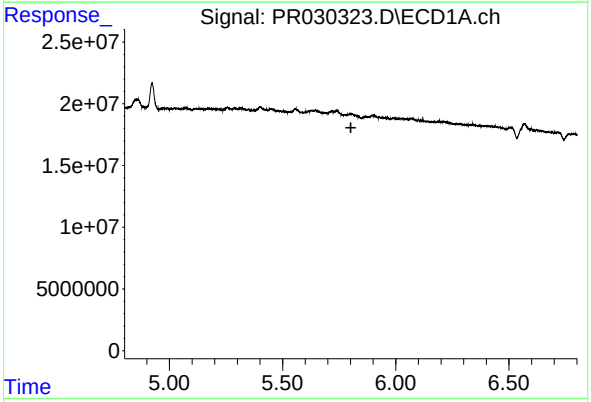
R.T.: 0.000 min
Exp R.T. : 5.716 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



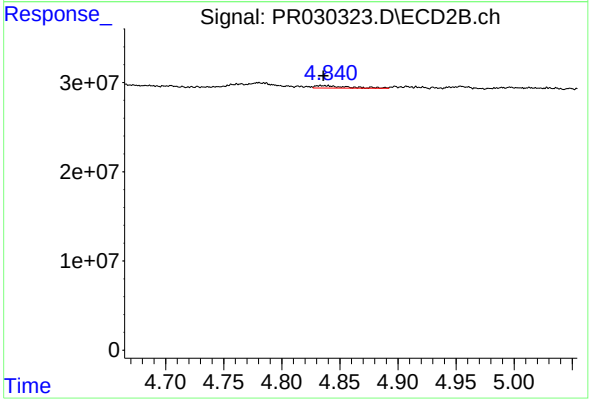
#17 AR-1242-2

R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 14506437
Conc: 6.61 ng/ml



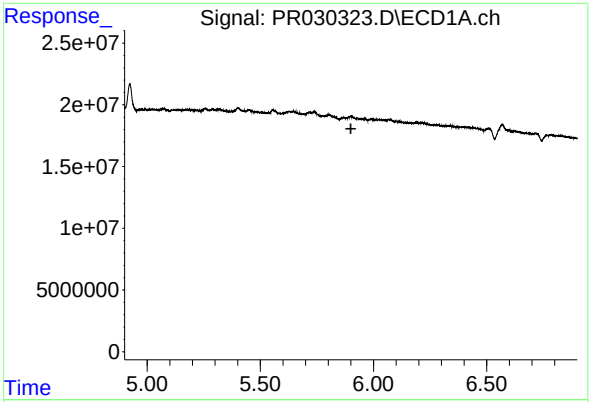
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.802 min
Response: 0
Conc: N.D.



#18 AR-1242-3

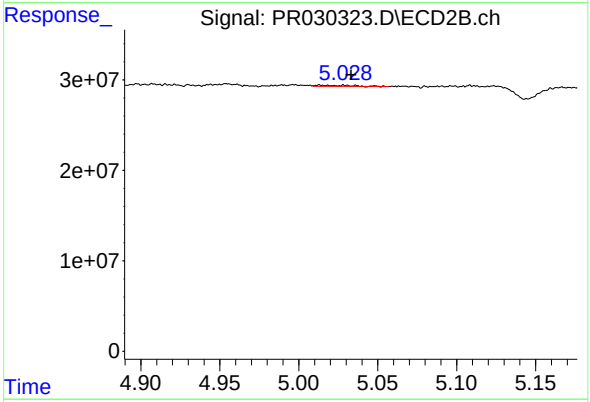
R.T.: 4.834 min
Delta R.T.: -0.002 min
Response: 4890732
Conc: 3.70 ng/ml



#19 AR-1242-4

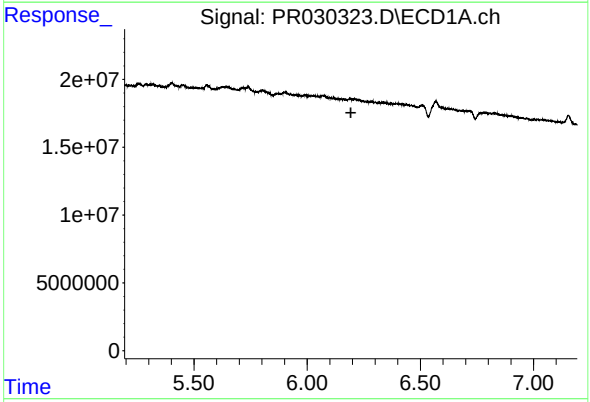
R.T.: 0.000 min
Exp R.T. : 5.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



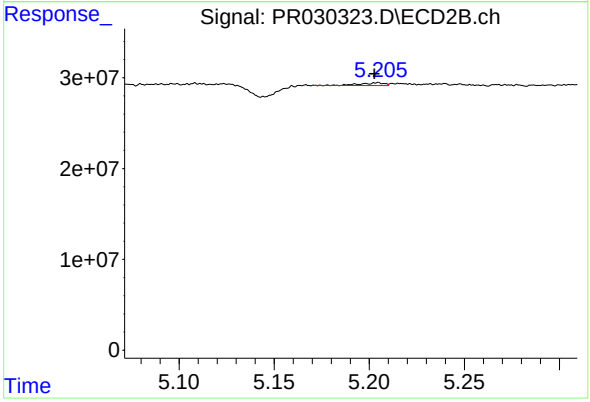
#19 AR-1242-4

R.T.: 5.014 min
Delta R.T.: -0.019 min
Response: 1905610
Conc: 1.90 ng/ml



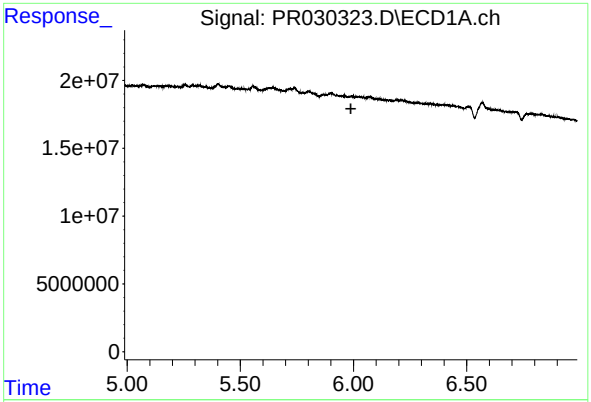
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.193 min
Response: 0
Conc: N.D.



#20 AR-1242-5

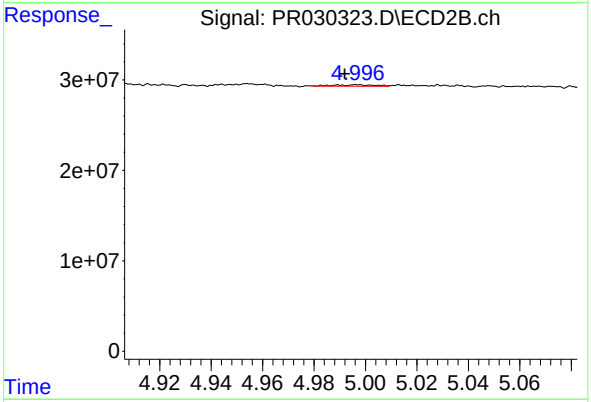
R.T.: 5.204 min
Delta R.T.: 0.002 min
Response: 2841460
Conc: 2.54 ng/ml



#21 AR-1248-1

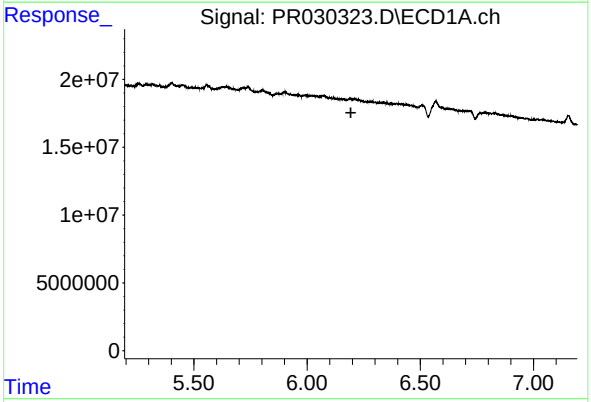
R.T.: 0.000 min
Exp R.T. : 5.988 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



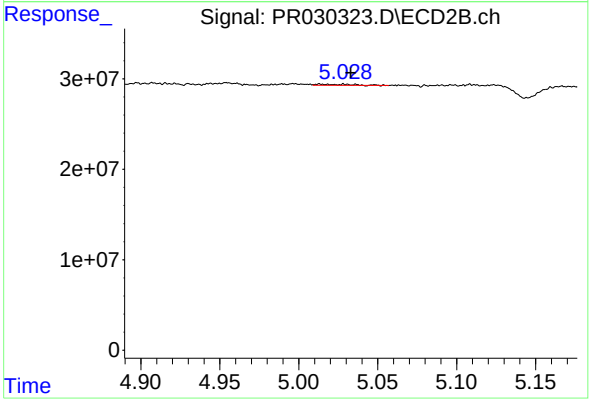
#21 AR-1248-1

R.T.: 4.997 min
Delta R.T.: 0.005 min
Response: 1860694
Conc: 1.40 ng/ml



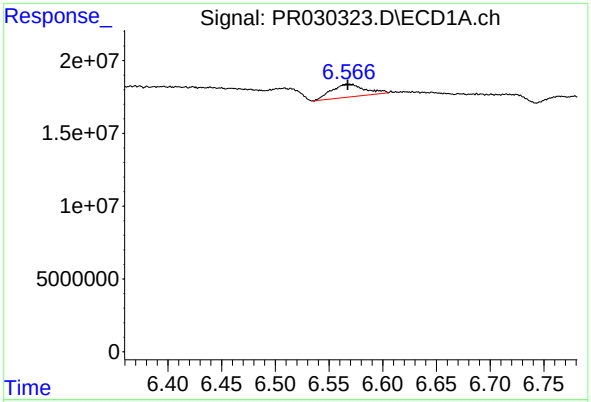
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.194 min
Response: 0
Conc: N.D.



#22 AR-1248-2

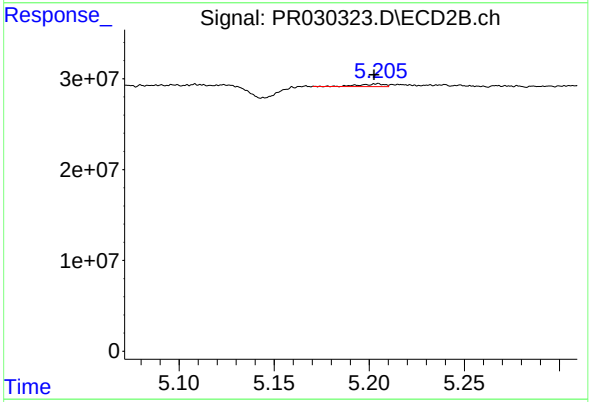
R.T.: 5.014 min
Delta R.T.: -0.019 min
Response: 1905610
Conc: 1.39 ng/ml



#23 AR-1248-3

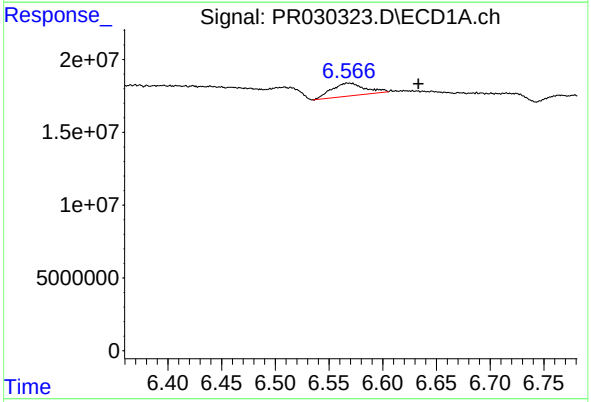
R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 18947615
Conc: 23.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



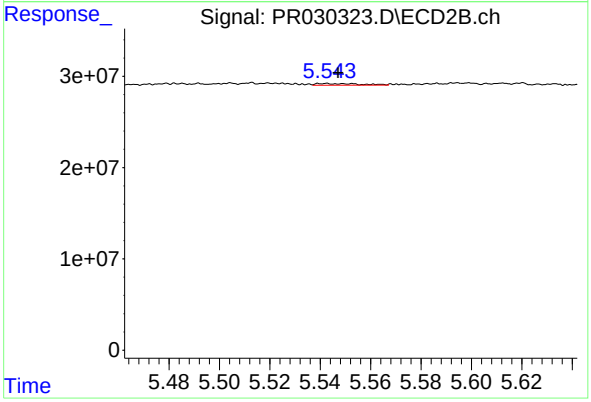
#23 AR-1248-3

R.T.: 5.204 min
Delta R.T.: 0.002 min
Response: 2841460
Conc: 1.68 ng/ml



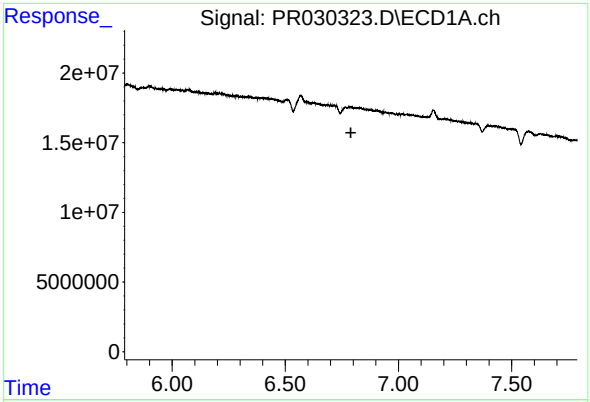
#24 AR-1248-4

R.T.: 6.568 min
Delta R.T.: -0.065 min
Response: 18947615
Conc: 18.78 ng/ml



#24 AR-1248-4

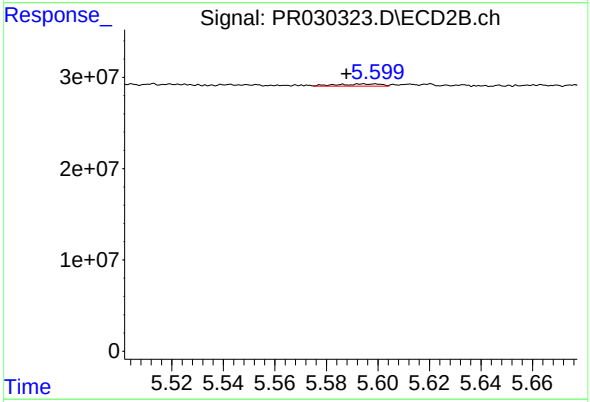
R.T.: 5.542 min
Delta R.T.: -0.005 min
Response: 2204373
Conc: 0.90 ng/ml



#25 AR-1248-5

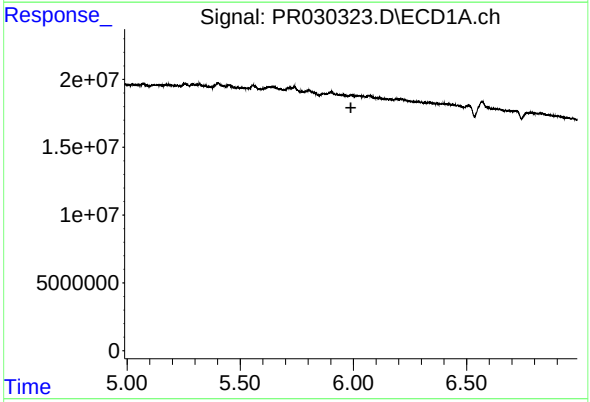
R.T.: 0.000 min
Exp R.T. : 6.790 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



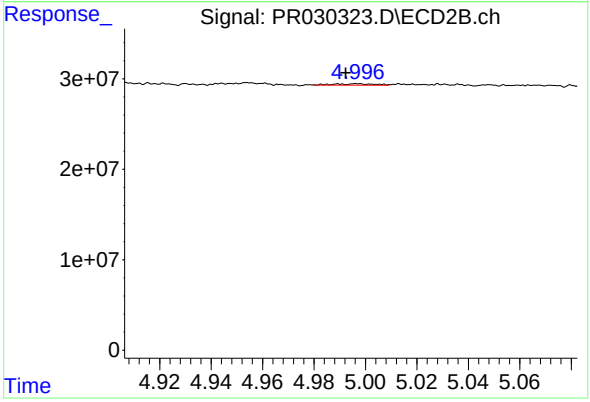
#25 AR-1248-5

R.T.: 5.599 min
Delta R.T.: 0.011 min
Response: 2973327
Conc: 1.71 ng/ml



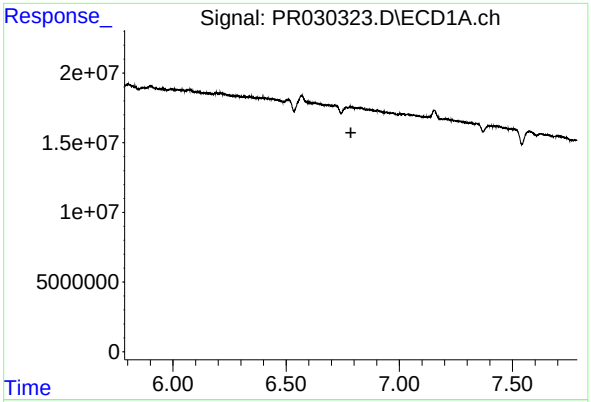
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 5.989 min
Response: 0
Conc: N.D.



#26 AR-1254-1

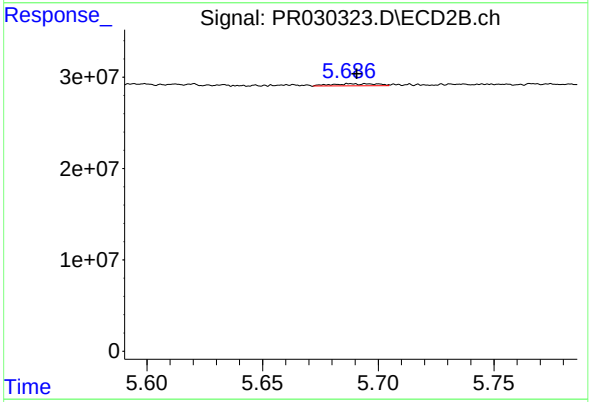
R.T.: 4.997 min
Delta R.T.: 0.005 min
Response: 1860694
Conc: 1.80 ng/ml



#27 AR-1254-2

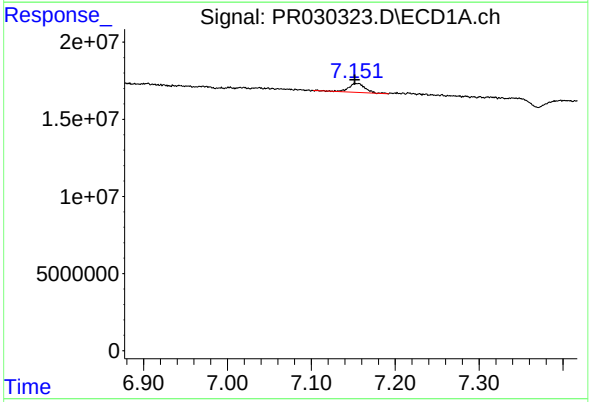
R.T.: 0.000 min
Exp R.T. : 6.786 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



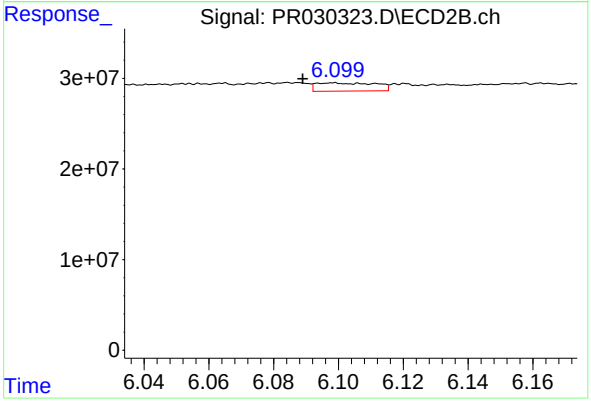
#27 AR-1254-2

R.T.: 5.700 min
Delta R.T.: 0.009 min
Response: 3082555
Conc: 1.36 ng/ml



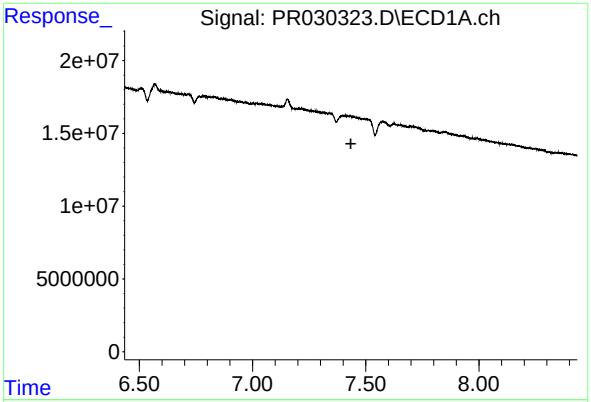
#28 AR-1254-3

R.T.: 7.154 min
Delta R.T.: 0.002 min
Response: 8151418
Conc: 4.62 ng/ml



#28 AR-1254-3

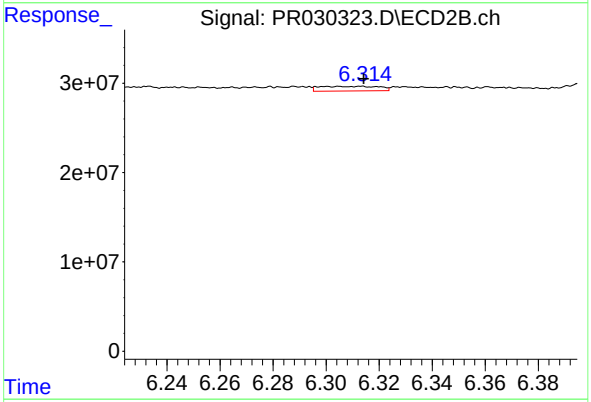
R.T.: 6.098 min
Delta R.T.: 0.009 min
Response: 11511981
Conc: 3.16 ng/ml



#29 AR-1254-4

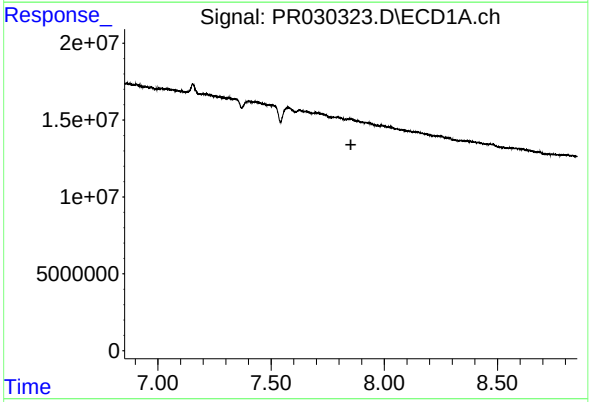
R.T.: 0.000 min
Exp R.T. : 7.434 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



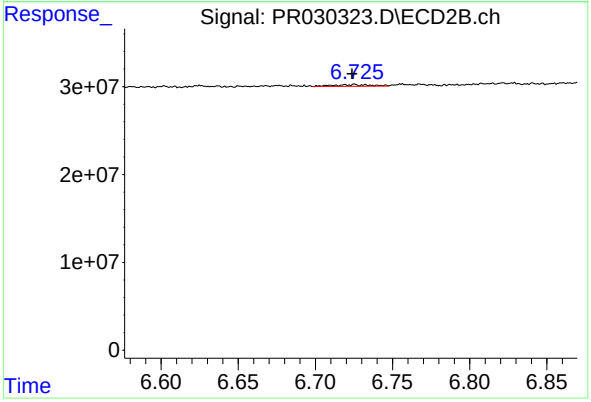
#29 AR-1254-4

R.T.: 6.313 min
Delta R.T.: -0.001 min
Response: 8084517
Conc: 2.95 ng/ml



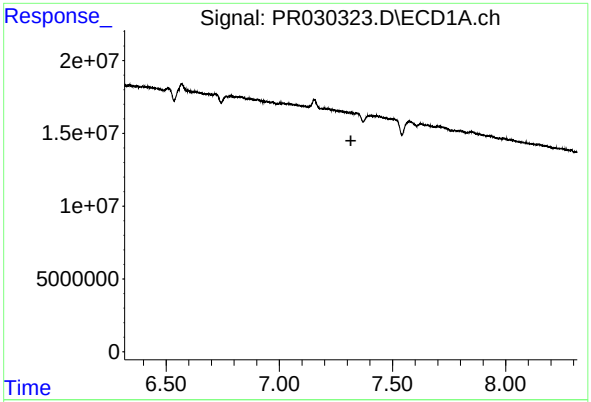
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.853 min
Response: 0
Conc: N.D.



#30 AR-1254-5

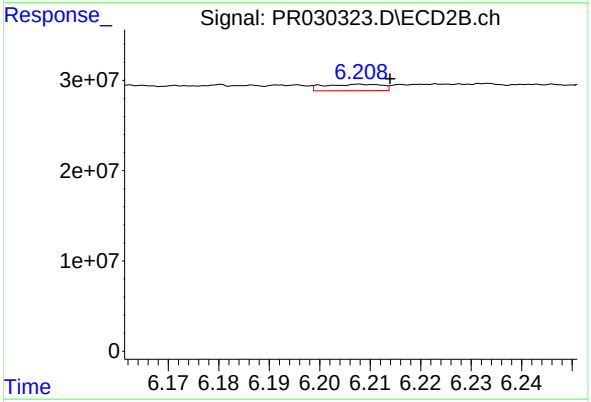
R.T.: 6.725 min
Delta R.T.: 0.002 min
Response: 3382039
Conc: 1.27 ng/ml



#31 AR-1260-1

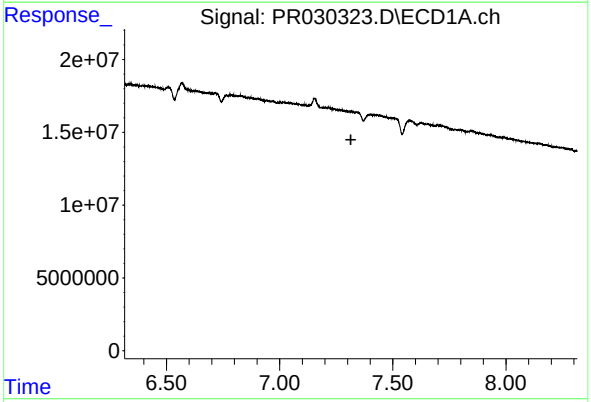
R.T.: 0.000 min
Exp R.T. : 7.316 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



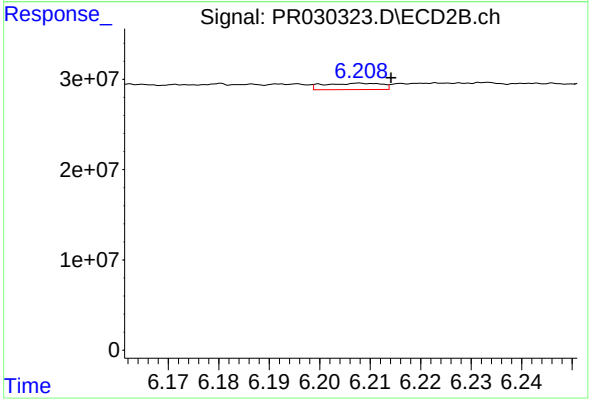
#31 AR-1260-1

R.T.: 6.209 min
Delta R.T.: -0.005 min
Response: 5527051
Conc: 2.22 ng/ml



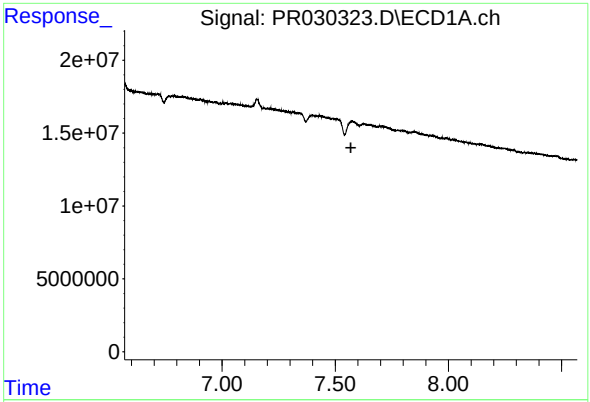
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.315 min
Response: 0
Conc: N.D.



#36 AR-1262-1

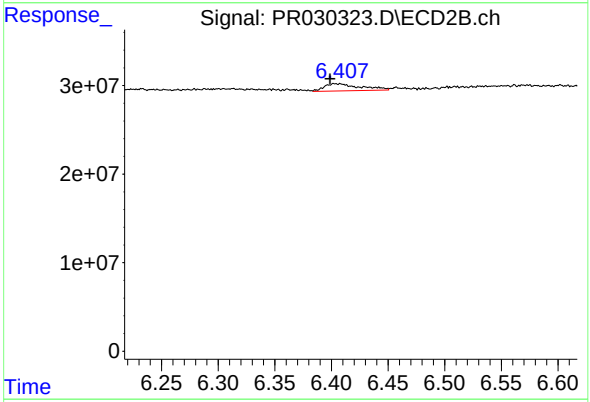
R.T.: 6.209 min
Delta R.T.: -0.005 min
Response: 5527051
Conc: 2.71 ng/ml



#37 AR-1262-2

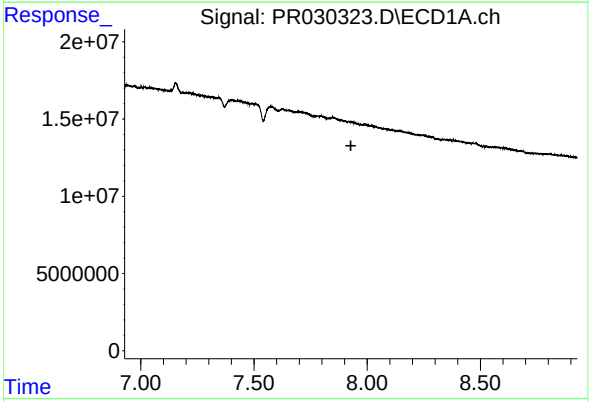
R.T.: 7.575 min
Delta R.T.: 0.005 min
Response: -7260726
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



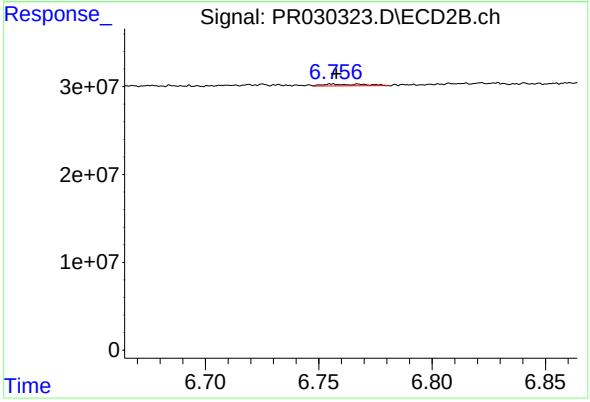
#37 AR-1262-2

R.T.: 6.403 min
Delta R.T.: 0.004 min
Response: 17979143
Conc: 7.52 ng/ml



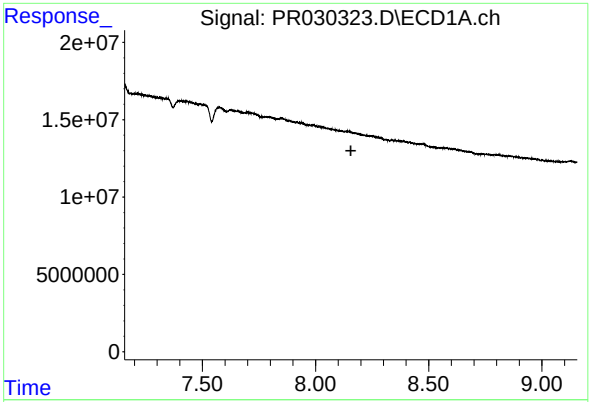
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.928 min
Response: 0
Conc: N.D.



#38 AR-1262-3

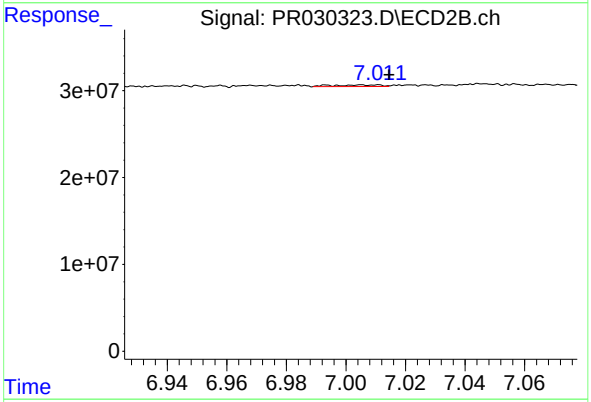
R.T.: 6.756 min
Delta R.T.: -0.002 min
Response: 2569720
Conc: 0.87 ng/ml



#39 AR-1262-4

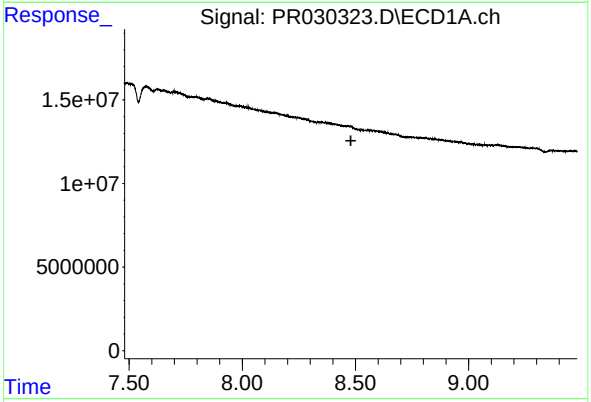
R.T.: 0.000 min
Exp R.T. : 8.156 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



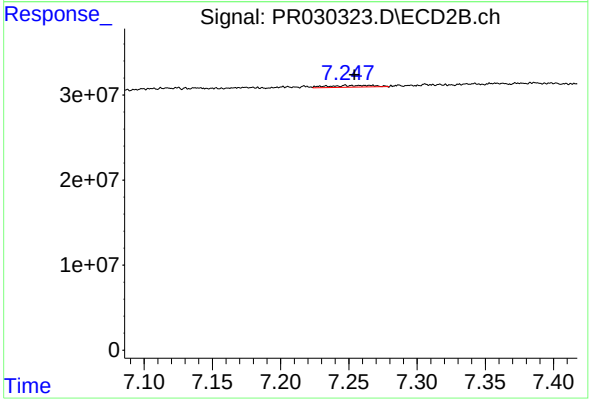
#39 AR-1262-4

R.T.: 7.005 min
Delta R.T.: -0.009 min
Response: 1973747
Conc: 0.94 ng/ml



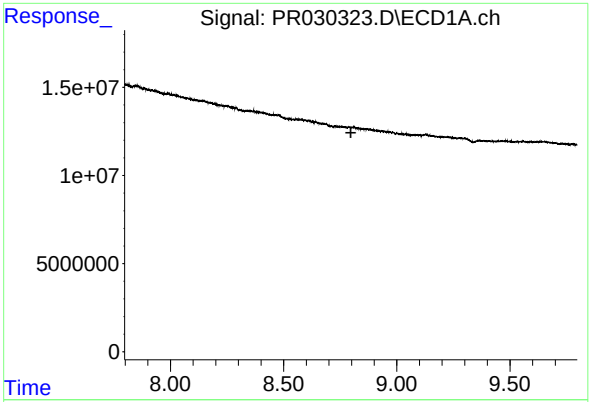
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.480 min
Response: 0
Conc: N.D.



#40 AR-1262-5

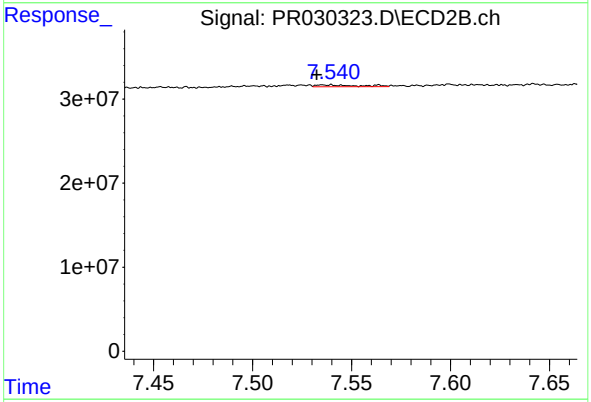
R.T.: 7.247 min
Delta R.T.: -0.007 min
Response: 4694891
Conc: 1.18 ng/ml



#41 AR-1268-1

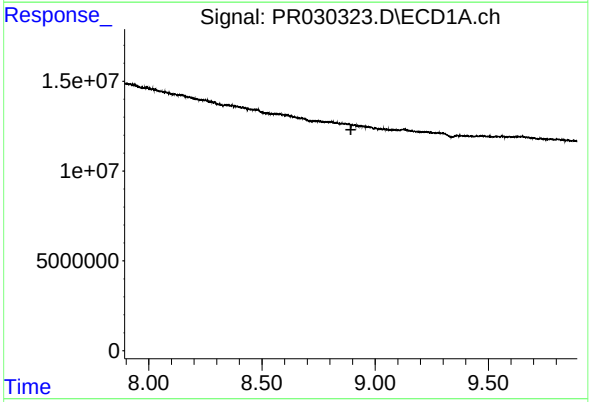
R.T.: 0.000 min
Exp R.T. : 8.797 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



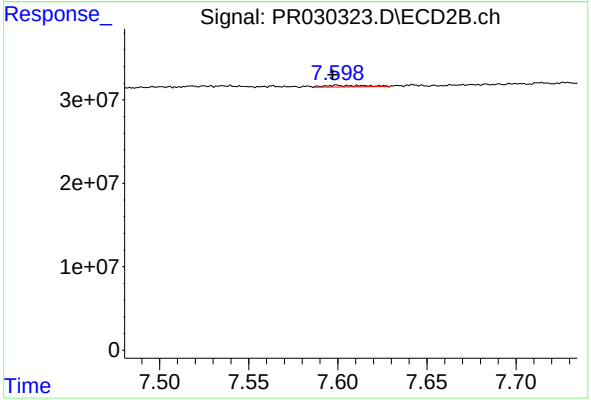
#41 AR-1268-1

R.T.: 7.540 min
Delta R.T.: 0.007 min
Response: 3246054
Conc: 0.93 ng/ml



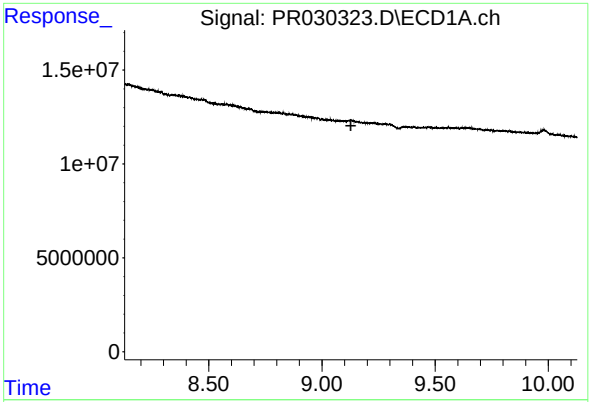
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.893 min
Response: 0
Conc: N.D.



#42 AR-1268-2

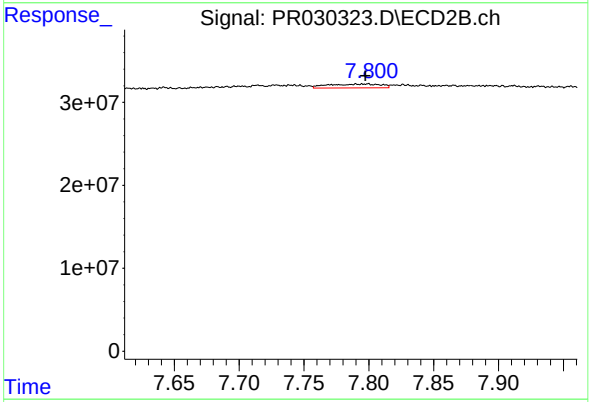
R.T.: 7.599 min
Delta R.T.: 0.002 min
Response: 3170317
Conc: 1.06 ng/ml



#43 AR-1268-3

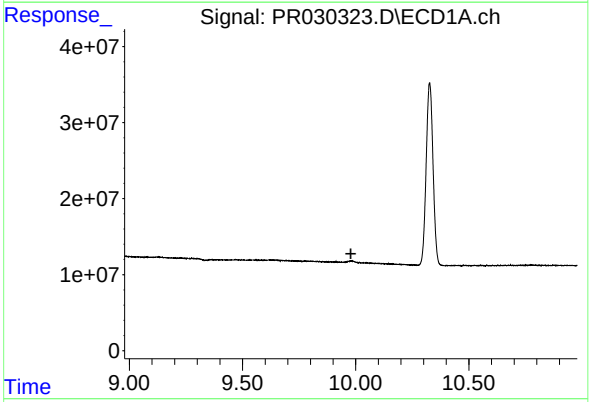
R.T.: 0.000 min
Exp R.T. : 9.128 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



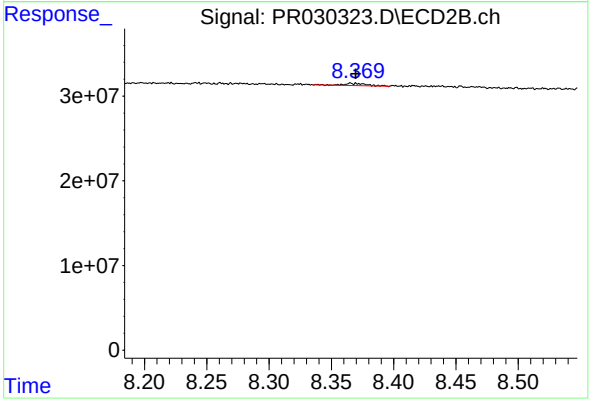
#43 AR-1268-3

R.T.: 7.791 min
Delta R.T.: -0.007 min
Response: 12937031
Conc: 5.66 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.979 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.366 min
Delta R.T.: -0.004 min
Response: 3427681
Conc: 0.66 ng/ml