Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR071618\
Data File : PR030325.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2018 19:10
Operator : MA/SM
Sample : AR1221 LOQ
Misc : 100PPB LOQ ECD_R SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument : ECD_R
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 04:46:10 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	553.1E6	708.9E6	16.006	14.654	
2)	SA Decachlor...	10.327	8.611	502.9E6	337.9E6	16.610	16.879	
	Target Compounds							
3)	L1 AR-1016-1	5.452	4.548	5515438	11342805	7.757	9.312	
4)	L1 AR-1016-2	5.803	4.953	14738096	8655810	16.262	6.855	#
5)	L1 AR-1016-3	5.902	5.037	12166171	3875969	15.815	3.179	#
6)	L1 AR-1016-4	0.000	5.205	0	3824540	N.D.	2.837	#
7)	L1 AR-1016-5	0.000	5.546	0	9453764	N.D.	6.859	#
8)	L2 AR-1221-1	4.762	3.907	36909310	43650585	92.810	75.425	
9)	L2 AR-1221-2	4.847	3.993	31087543	41840710	105.700	98.046	
10)	L2 AR-1221-3	4.924	4.067	78952576	116.5E6	83.780	82.780	
11)	L3 AR-1232-1	4.924	4.067	78952576	116.5E6	137.397	131.003	
12)	L3 AR-1232-2	5.452	4.953	5515438	8655810	19.216	17.242	
13)	L3 AR-1232-3	5.803	4.992	14738096	6789030	39.463	19.221	#
14)	L3 AR-1232-4	5.902	5.546	12166171	9453764	39.799	15.604	#
15)	L3 AR-1232-5	0.000	5.591	0	7304749	N.D.	12.027	#
16)	L4 AR-1242-1	5.452	4.548	5515438	11342805	9.349	11.280	
17)	L4 AR-1242-2	5.716	4.781	10259279	26023251	11.798	11.850	
18)	L4 AR-1242-3	5.803	4.836	14738096	20212435	19.963	15.290	
19)	L4 AR-1242-4	5.902	5.037	12166171	3875969	19.290	3.862	#
20)	L4 AR-1242-5	0.000	5.205	0	3824540	N.D.	3.422	#
21)	L5 AR-1248-1	0.000	4.992	0	6789030	N.D.	5.092	#
22)	L5 AR-1248-2	0.000	5.037	0	3875969	N.D.	2.834	#
23)	L5 AR-1248-3	6.567	5.205	11989424	3824540	14.838	2.258	#
24)	L5 AR-1248-4	6.592	5.546	2998322	9453764	2.971	3.843	#
25)	L5 AR-1248-5	6.793	5.591	9079783	7304749	8.529	4.206	#
26)	L6 AR-1254-1	0.000	4.992	0	6789030	N.D.	6.572	#
27)	L6 AR-1254-2	6.793	5.693	9079783	11218257	5.353	4.960	
28)	L6 AR-1254-3	7.153	6.081	7360746	22416315	4.169	6.161	#
29)	L6 AR-1254-4	0.000	6.317	0	7448536	N.D.	2.717	#
30)	L6 AR-1254-5	0.000	6.716	0	17514108	N.D.	6.573	#
31)	L7 AR-1260-1	0.000	6.220	0	24562084	N.D.	9.848	#
36)	L8 AR-1262-1	0.000	6.220	0	24562084	N.D.	12.053	#
37)	L8 AR-1262-2	7.573	6.407	-1906500	20408822	N.D.	8.536	#
38)	L8 AR-1262-3	0.000	6.766	0	8057374	N.D.	2.727	#
39)	L8 AR-1262-4	0.000	6.995	0	18399515	N.D.	8.806	#
40)	L8 AR-1262-5	0.000	7.248	0	10293808	N.D.	2.598	#
41)	L9 AR-1268-1	0.000	7.542	0	2764173	N.D.	0.794	#
42)	L9 AR-1268-2	0.000	7.607	0	3495207	N.D.	1.171	#
43)	L9 AR-1268-3	0.000	7.795	0	47622544	N.D.	20.829	#
45)	L9 AR-1268-5	0.000	8.368	0	10008002	N.D.	1.913	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR071618\
Data File : PR030325.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2018 19:10
Operator : MA/SM
Sample : AR1221 LOQ
Misc : 100PPB LOQ ECD_R SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_R
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 04:46:10 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.

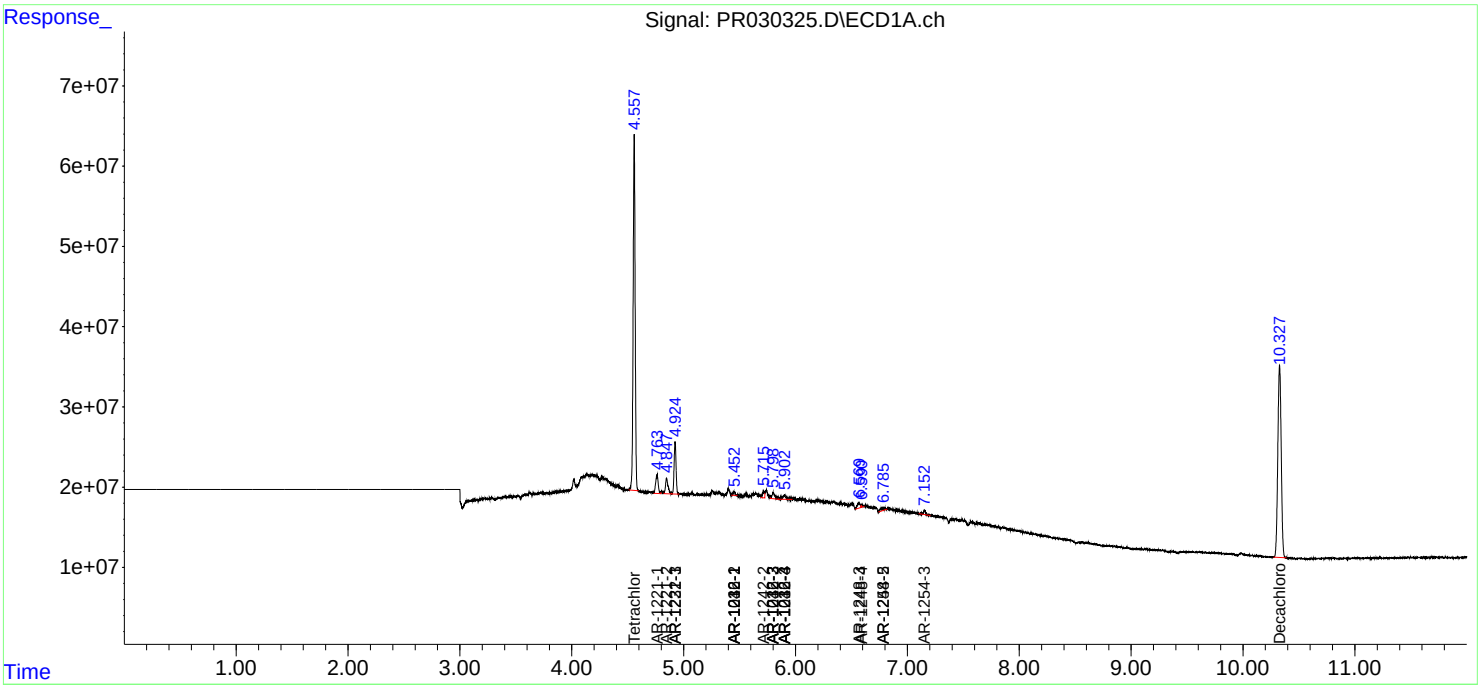
Quantitation Report (Not Reviewed)

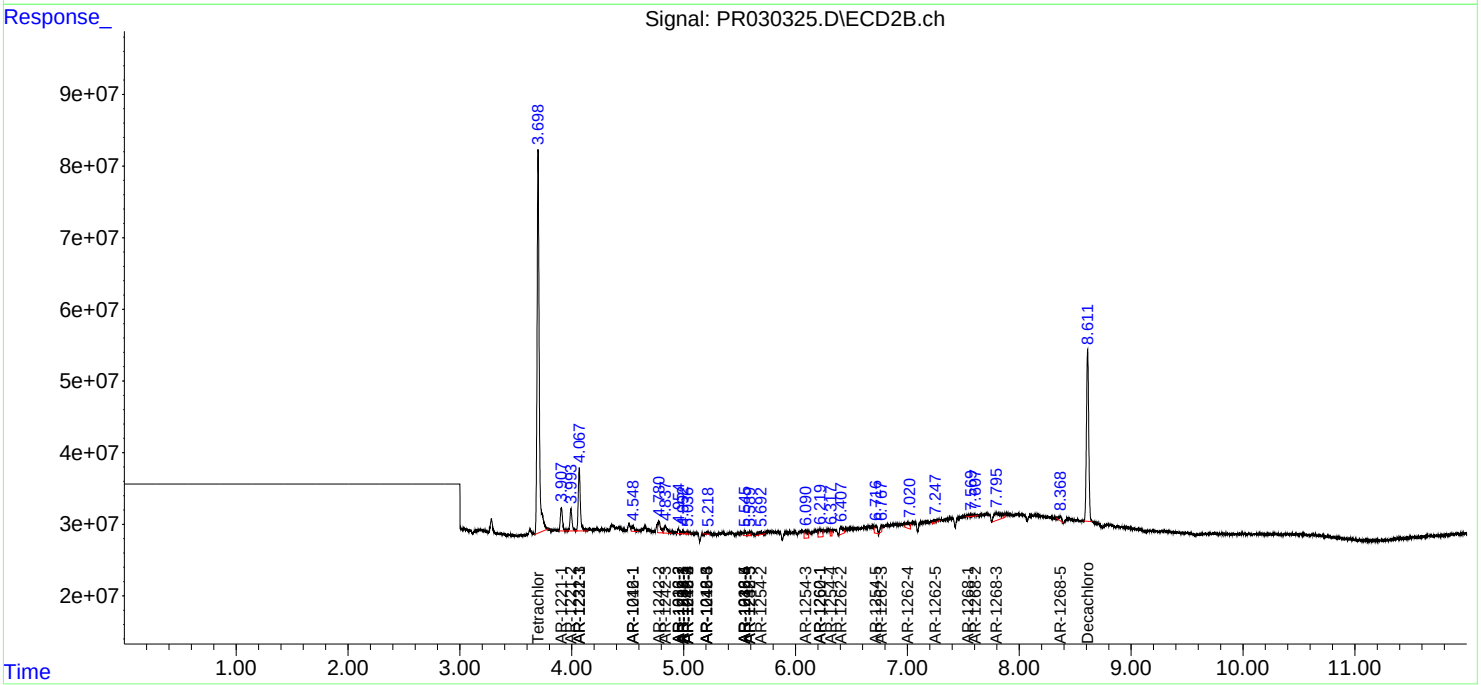
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR071618\
Data File : PR030325.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2018 19:10
Operator : MA/SM
Sample : AR1221 LOQ
Misc : 100PPB LOQ ECD_R SOIL
ALS Vial : 20 Sample Multiplier: 1

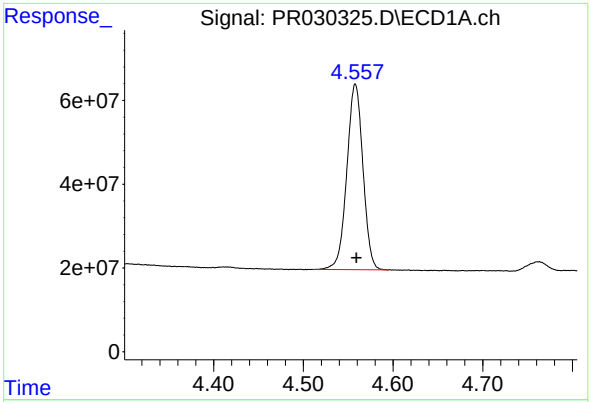
Instrument :
ECD_R
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 04:46:10 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



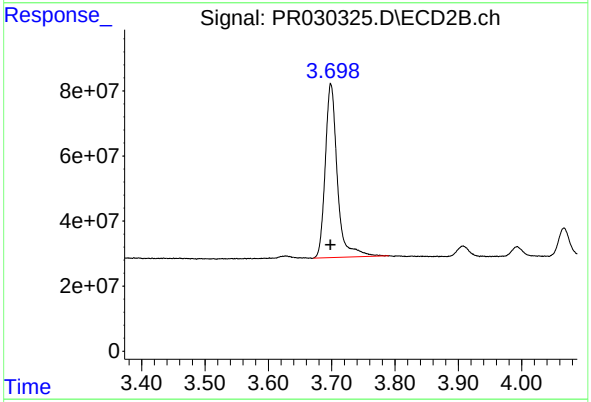




#1 Tetrachloro-m-xylene

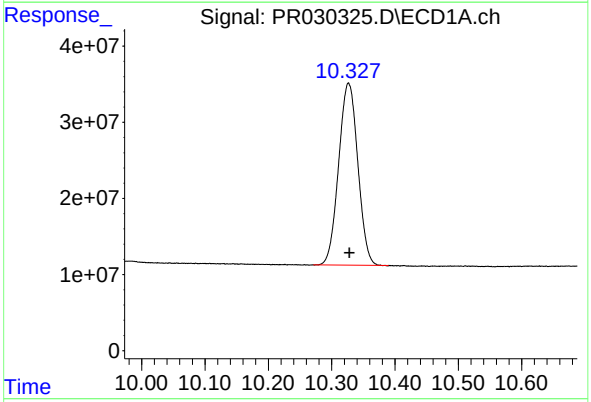
R.T.: 4.558 min
Delta R.T.: -0.001 min
Response: 553106888
Conc: 16.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



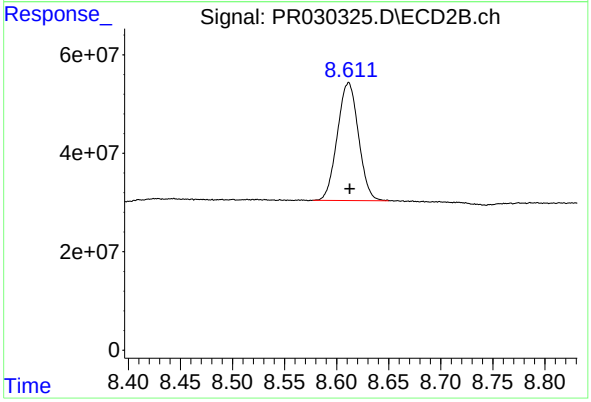
#1 Tetrachloro-m-xylene

R.T.: 3.699 min
Delta R.T.: 0.000 min
Response: 708916823
Conc: 14.65 ng/ml



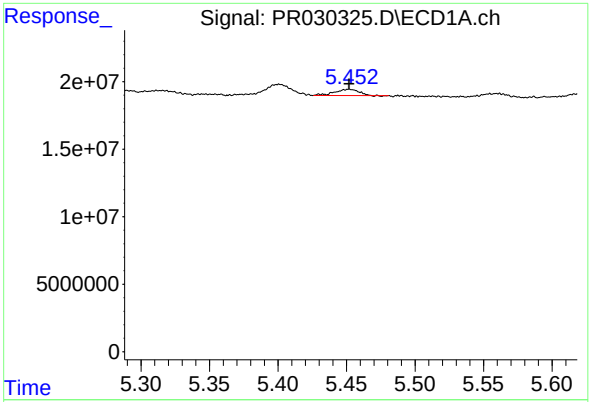
#2 Decachlorobiphenyl

R.T.: 10.327 min
Delta R.T.: -0.001 min
Response: 502945536
Conc: 16.61 ng/ml



#2 Decachlorobiphenyl

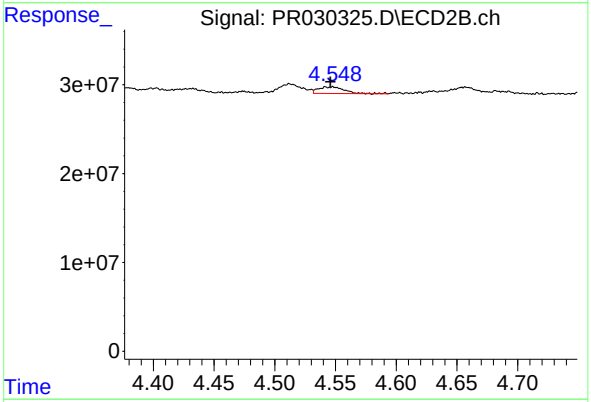
R.T.: 8.611 min
Delta R.T.: -0.001 min
Response: 337930132
Conc: 16.88 ng/ml



#3 AR-1016-1

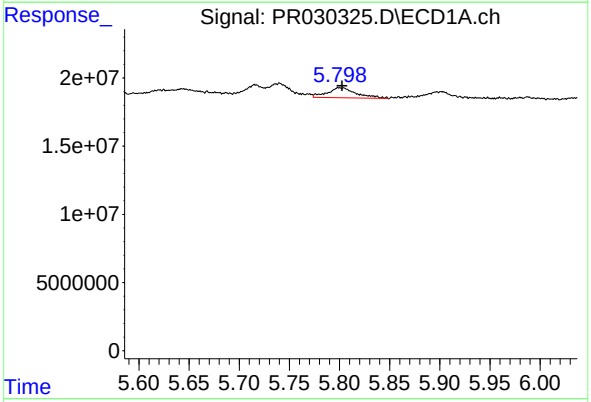
R.T.: 5.452 min
Delta R.T.: 0.000 min
Response: 5515438
Conc: 7.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



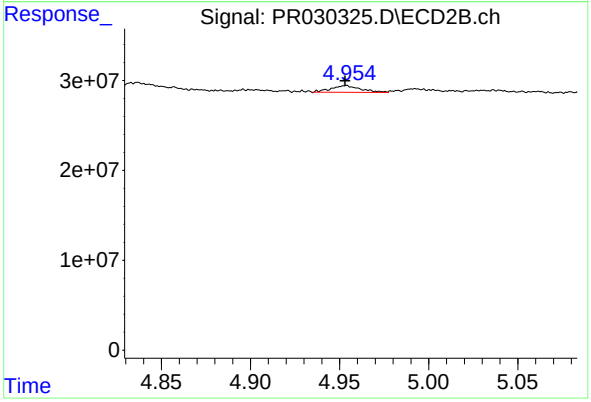
#3 AR-1016-1

R.T.: 4.548 min
Delta R.T.: 0.002 min
Response: 11342805
Conc: 9.31 ng/ml



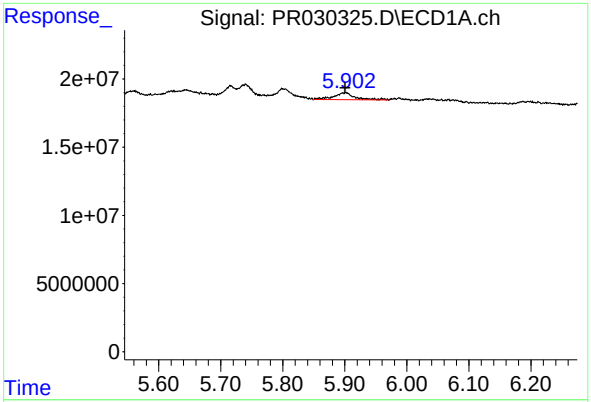
#4 AR-1016-2

R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 14738096
Conc: 16.26 ng/ml



#4 AR-1016-2

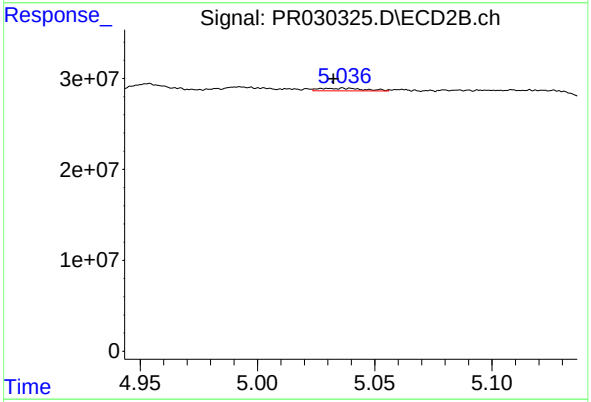
R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 8655810
Conc: 6.85 ng/ml



#5 AR-1016-3

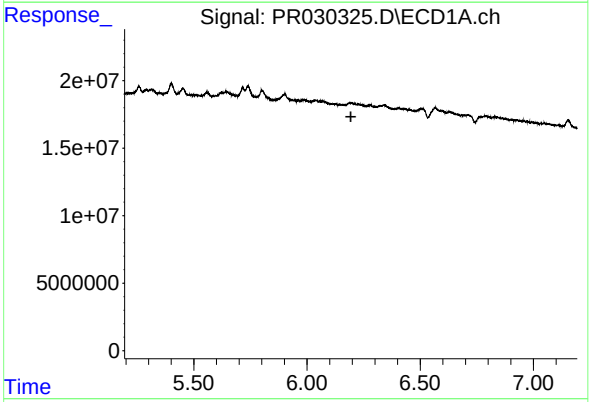
R.T.: 5.902 min
Delta R.T.: 0.002 min
Response: 12166171
Conc: 15.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



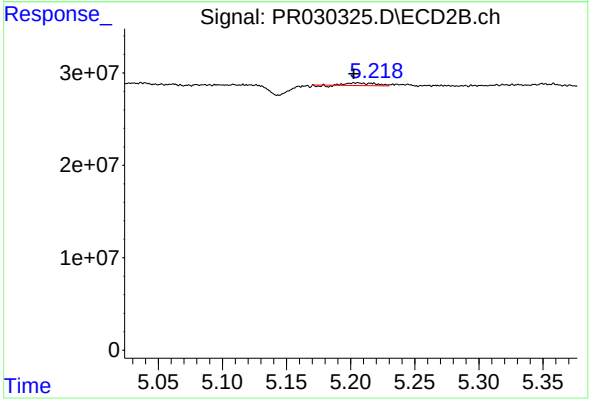
#5 AR-1016-3

R.T.: 5.037 min
Delta R.T.: 0.005 min
Response: 3875969
Conc: 3.18 ng/ml



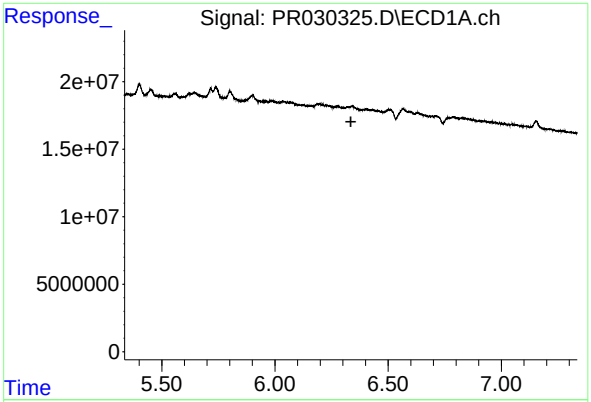
#6 AR-1016-4

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



#6 AR-1016-4

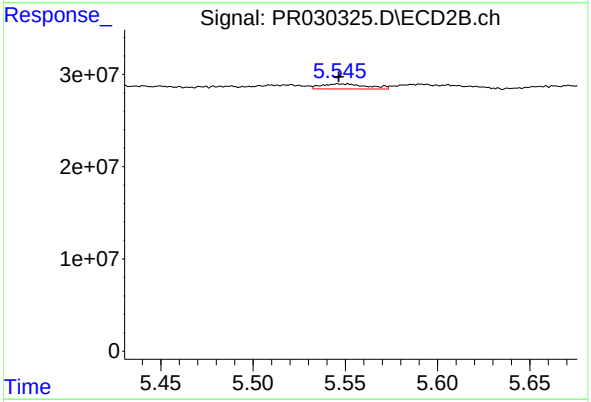
R.T.: 5.205 min
Delta R.T.: 0.003 min
Response: 3824540
Conc: 2.84 ng/ml



#7 AR-1016-5

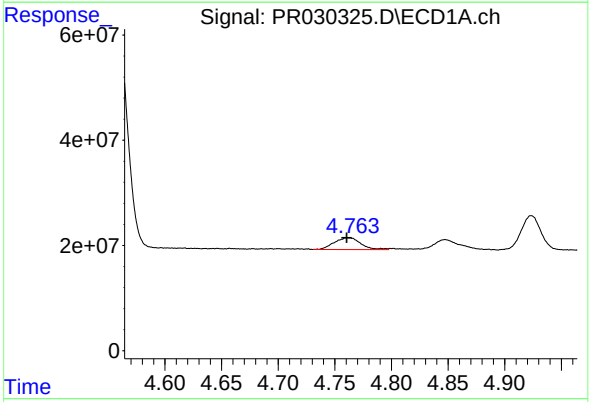
R.T.: 0.000 min
Exp R.T. : 6.335 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



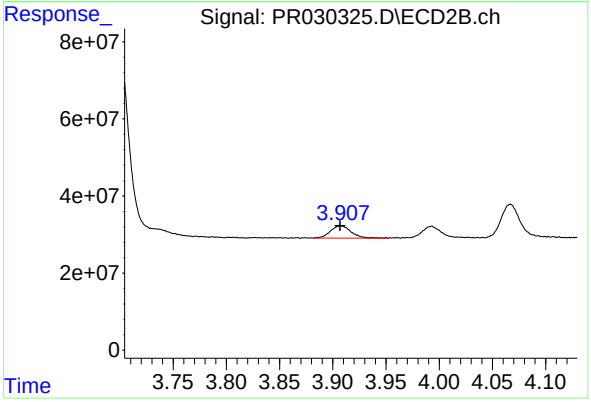
#7 AR-1016-5

R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 9453764
Conc: 6.86 ng/ml



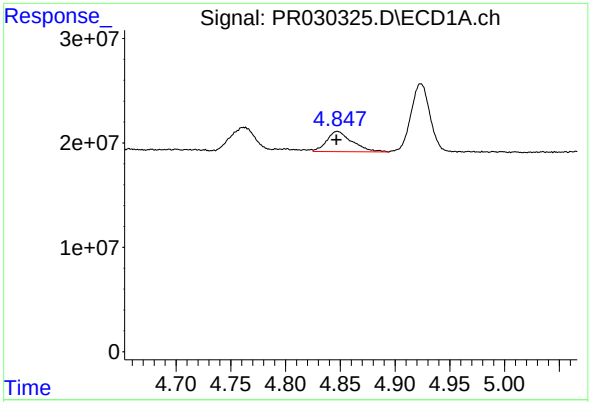
#8 AR-1221-1

R.T.: 4.762 min
Delta R.T.: 0.001 min
Response: 36909310
Conc: 92.81 ng/ml



#8 AR-1221-1

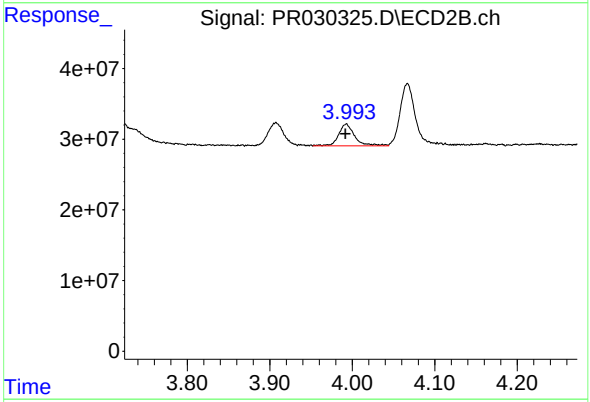
R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 43650585
Conc: 75.43 ng/ml



#9 AR-1221-2

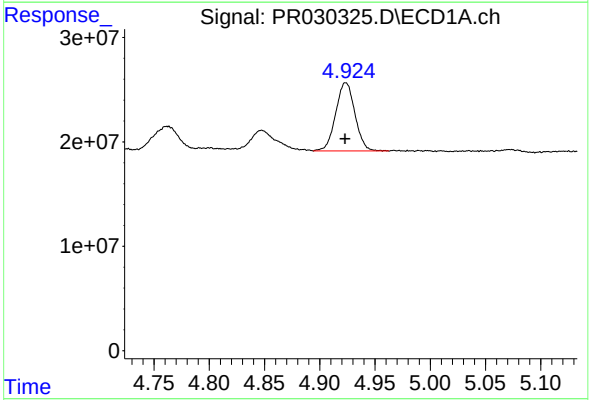
R.T.: 4.847 min
Delta R.T.: 0.001 min
Response: 31087543
Conc: 105.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



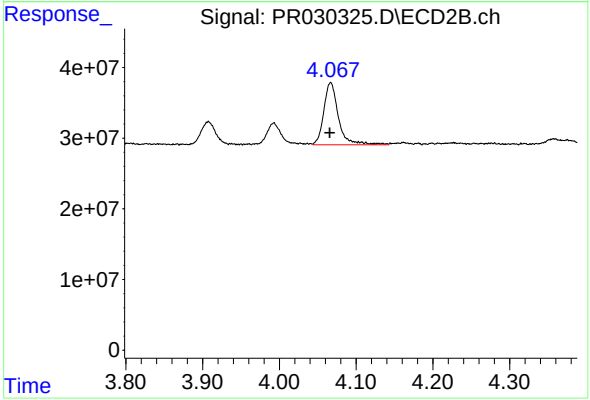
#9 AR-1221-2

R.T.: 3.993 min
Delta R.T.: 0.001 min
Response: 41840710
Conc: 98.05 ng/ml



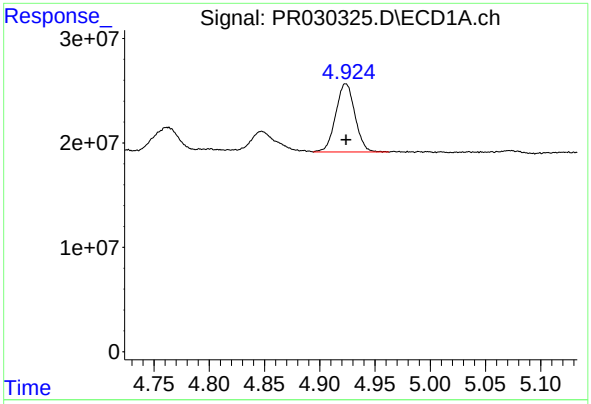
#10 AR-1221-3

R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 78952576
Conc: 83.78 ng/ml



#10 AR-1221-3

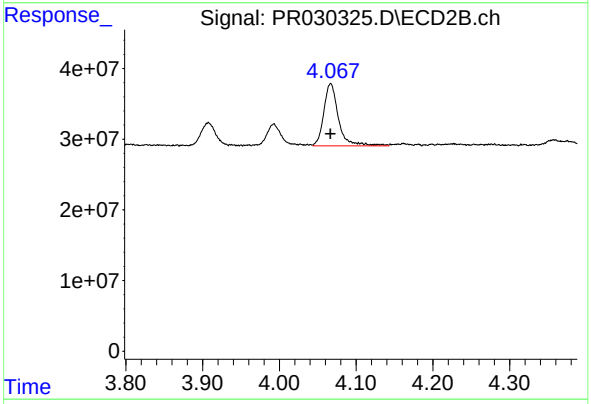
R.T.: 4.067 min
Delta R.T.: 0.001 min
Response: 116533914
Conc: 82.78 ng/ml



#11 AR-1232-1

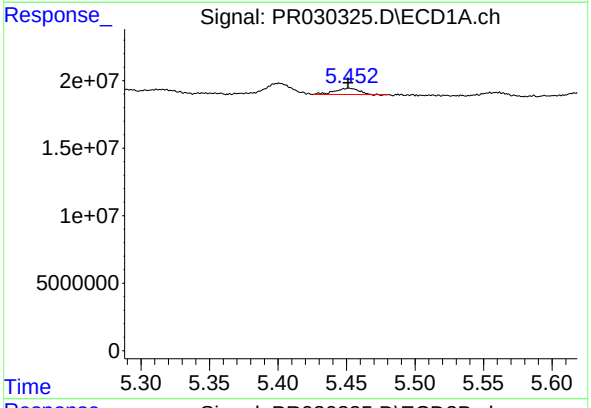
R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 78952576
Conc: 137.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



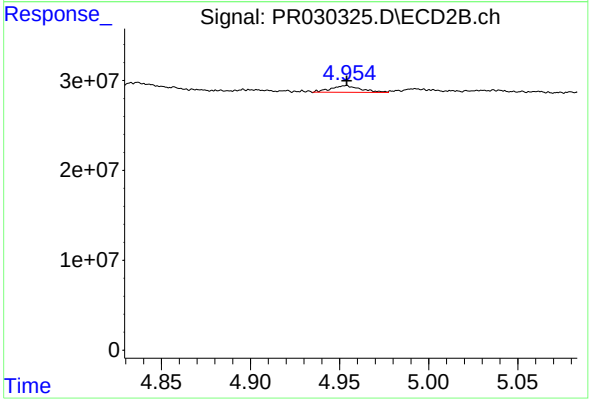
#11 AR-1232-1

R.T.: 4.067 min
Delta R.T.: 0.000 min
Response: 116533914
Conc: 131.00 ng/ml



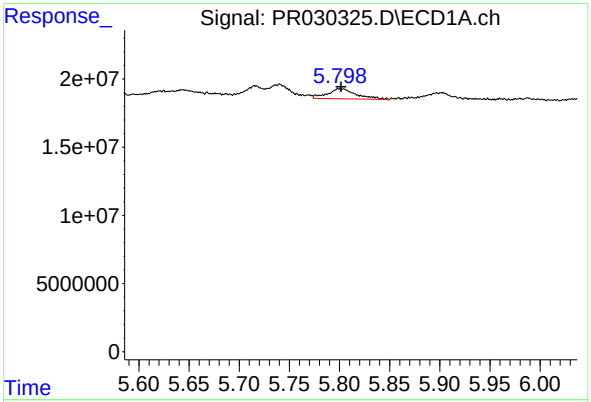
#12 AR-1232-2

R.T.: 5.452 min
Delta R.T.: 0.000 min
Response: 5515438
Conc: 19.22 ng/ml



#12 AR-1232-2

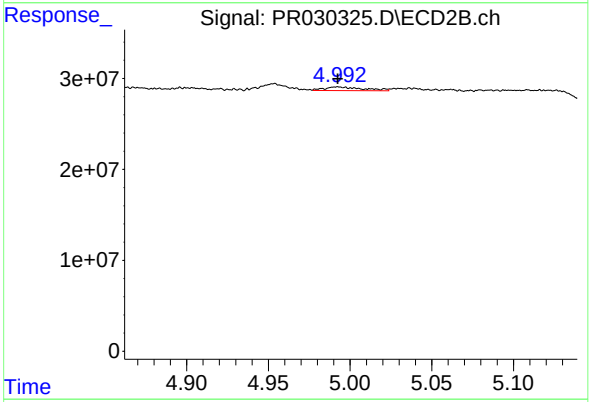
R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 8655810
Conc: 17.24 ng/ml



#13 AR-1232-3

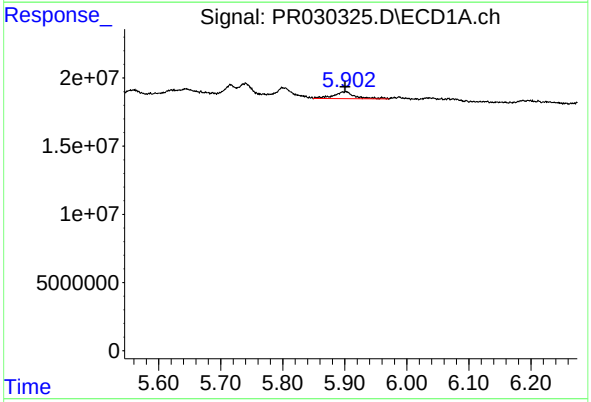
R.T.: 5.803 min
Delta R.T.: 0.002 min
Response: 14738096
Conc: 39.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



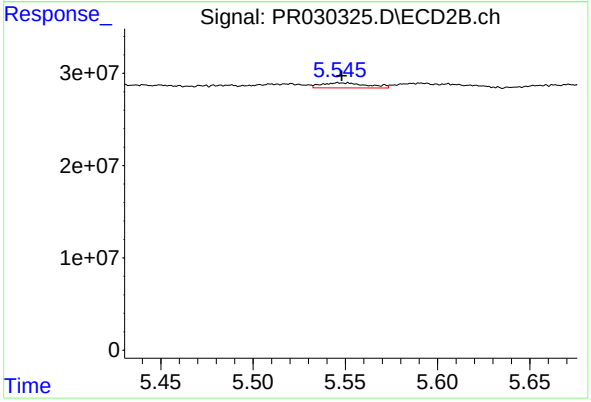
#13 AR-1232-3

R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 6789030
Conc: 19.22 ng/ml



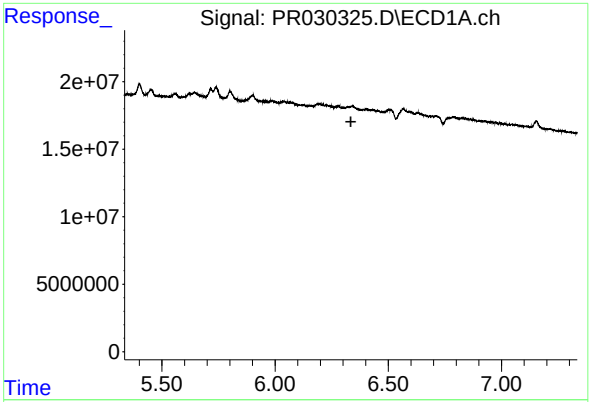
#14 AR-1232-4

R.T.: 5.902 min
Delta R.T.: 0.002 min
Response: 12166171
Conc: 39.80 ng/ml



#14 AR-1232-4

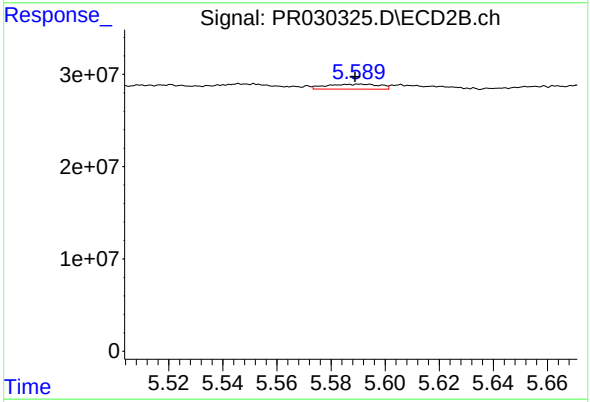
R.T.: 5.546 min
Delta R.T.: -0.002 min
Response: 9453764
Conc: 15.60 ng/ml



#15 AR-1232-5

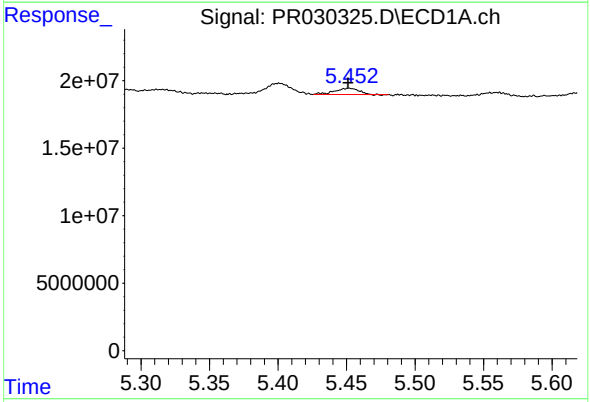
R.T.: 0.000 min
Exp R.T. : 6.335 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



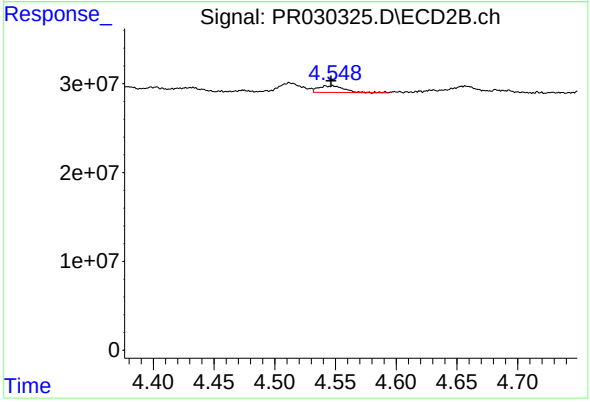
#15 AR-1232-5

R.T.: 5.591 min
Delta R.T.: 0.002 min
Response: 7304749
Conc: 12.03 ng/ml



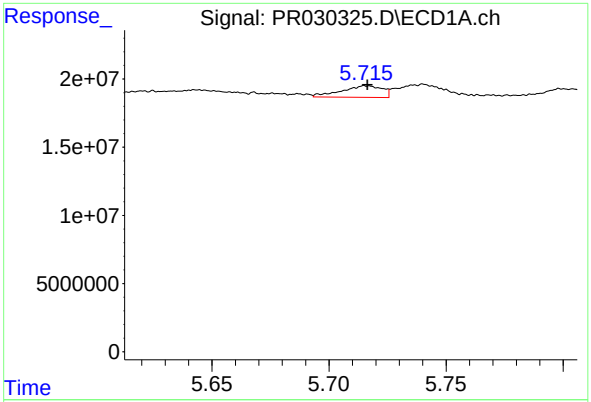
#16 AR-1242-1

R.T.: 5.452 min
Delta R.T.: 0.000 min
Response: 5515438
Conc: 9.35 ng/ml



#16 AR-1242-1

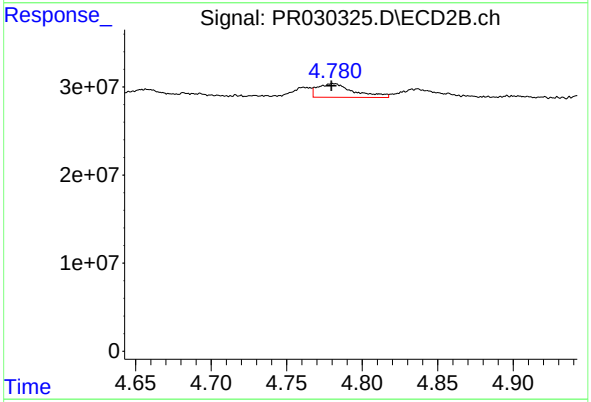
R.T.: 4.548 min
Delta R.T.: 0.001 min
Response: 11342805
Conc: 11.28 ng/ml



#17 AR-1242-2

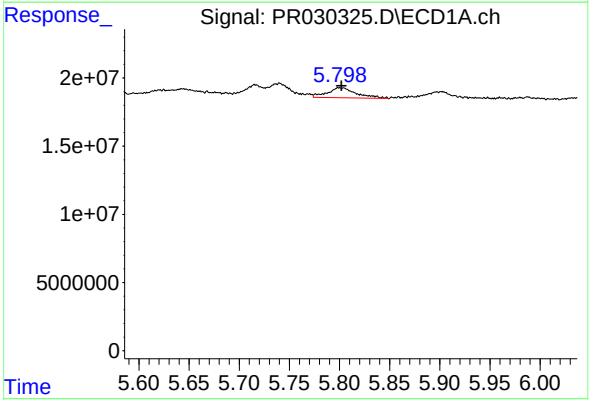
R.T.: 5.716 min
Delta R.T.: 0.000 min
Response: 10259279
Conc: 11.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



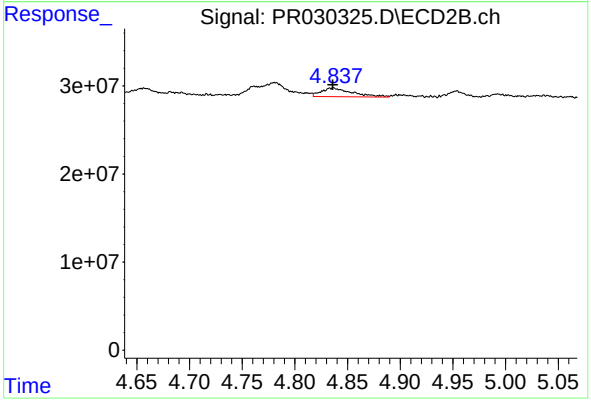
#17 AR-1242-2

R.T.: 4.781 min
Delta R.T.: 0.001 min
Response: 26023251
Conc: 11.85 ng/ml



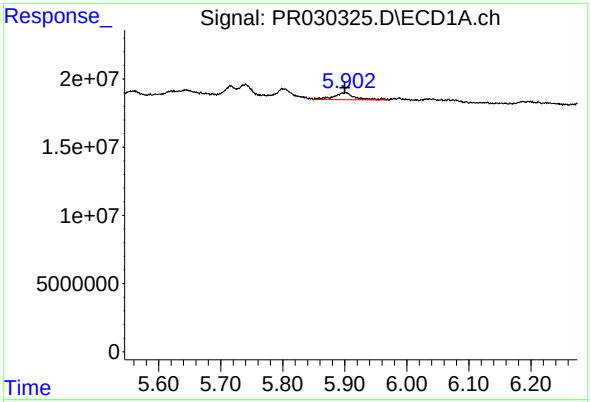
#18 AR-1242-3

R.T.: 5.803 min
Delta R.T.: 0.002 min
Response: 14738096
Conc: 19.96 ng/ml



#18 AR-1242-3

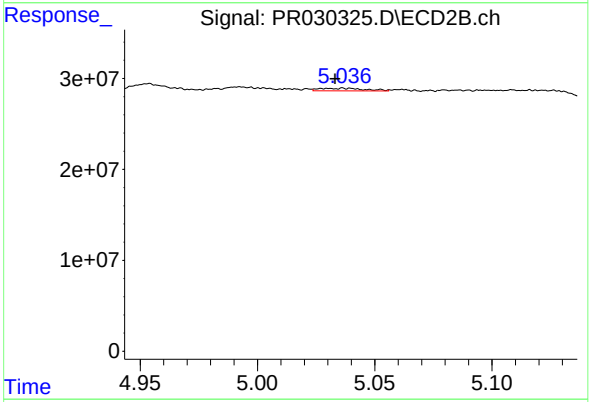
R.T.: 4.836 min
Delta R.T.: 0.000 min
Response: 20212435
Conc: 15.29 ng/ml



#19 AR-1242-4

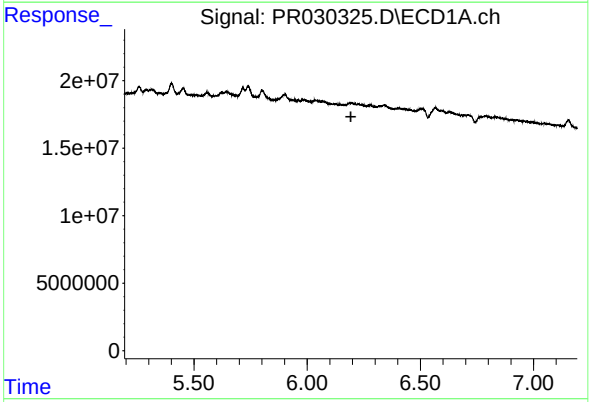
R.T.: 5.902 min
Delta R.T.: 0.002 min
Response: 12166171
Conc: 19.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



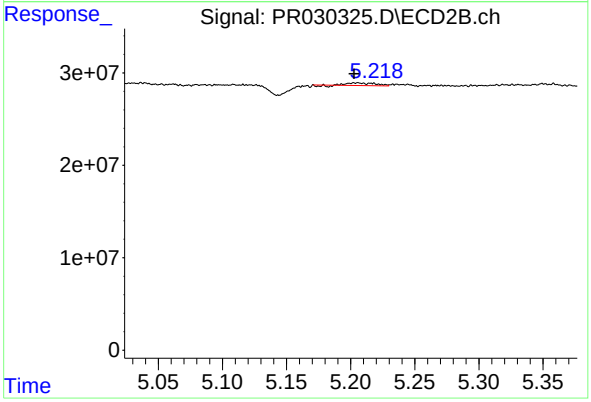
#19 AR-1242-4

R.T.: 5.037 min
Delta R.T.: 0.004 min
Response: 3875969
Conc: 3.86 ng/ml



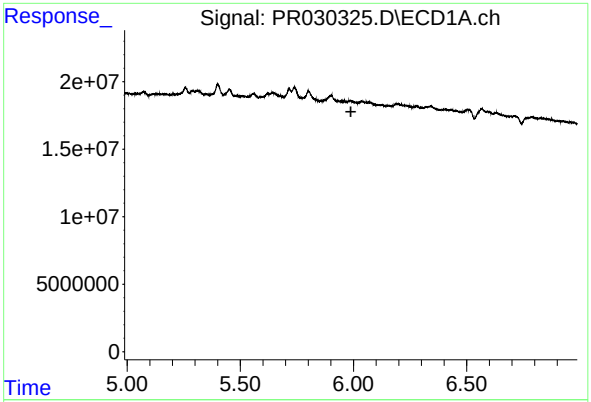
#20 AR-1242-5

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



#20 AR-1242-5

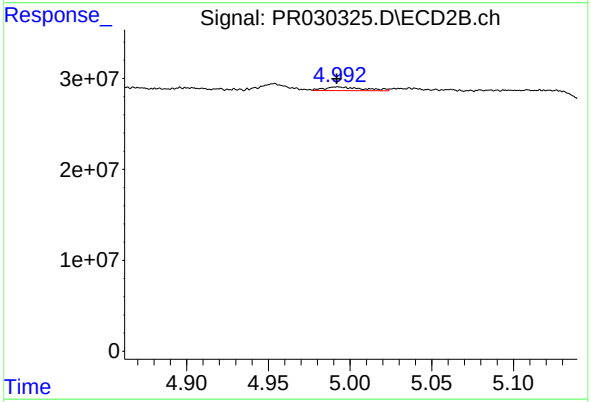
R.T.: 5.205 min
Delta R.T.: 0.002 min
Response: 3824540
Conc: 3.42 ng/ml



#21 AR-1248-1

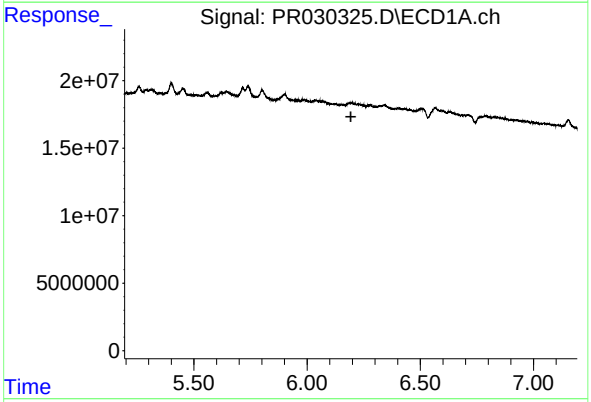
R.T.: 0.000 min
Exp R.T. : 5.988 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



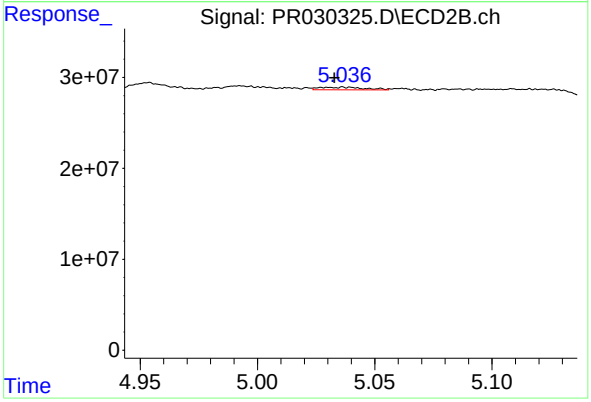
#21 AR-1248-1

R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 6789030
Conc: 5.09 ng/ml



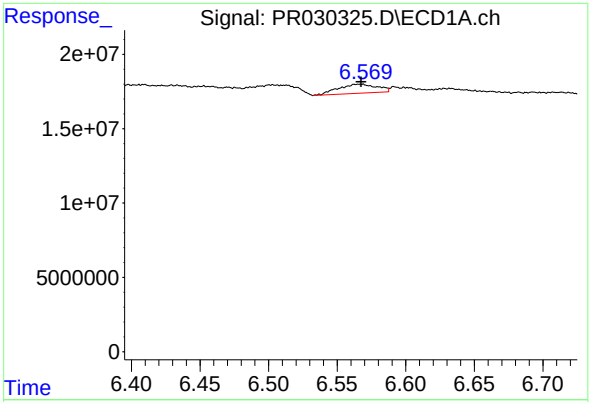
#22 AR-1248-2

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



#22 AR-1248-2

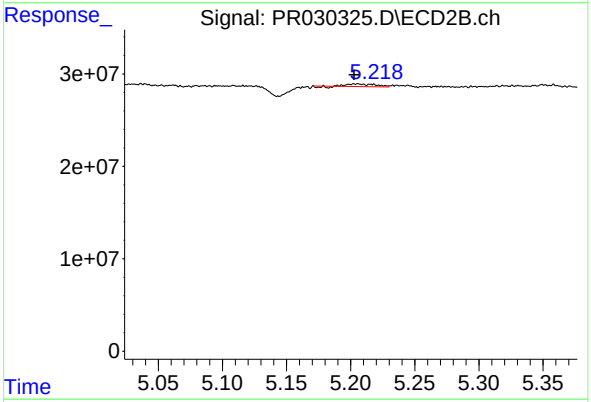
R.T.: 5.037 min
Delta R.T.: 0.005 min
Response: 3875969
Conc: 2.83 ng/ml



#23 AR-1248-3

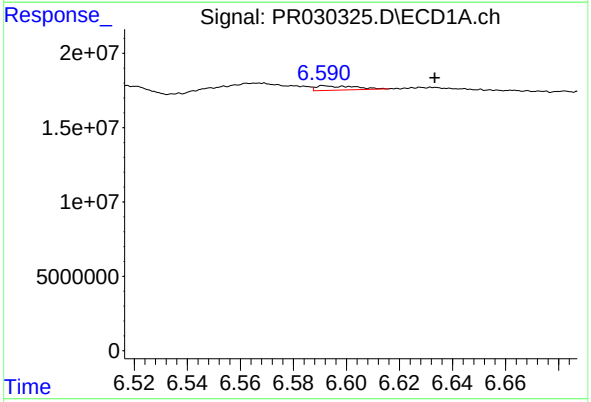
R.T.: 6.567 min
Delta R.T.: 0.000 min
Response: 11989424
Conc: 14.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



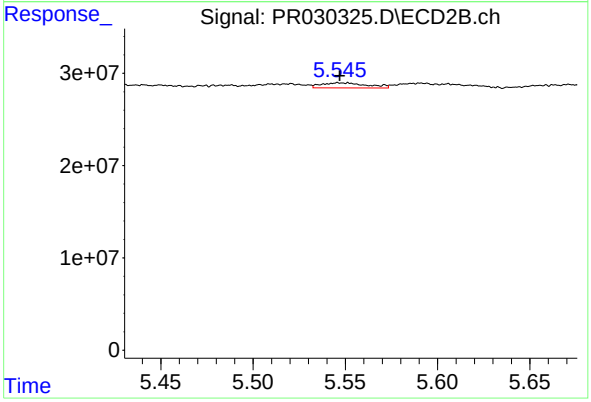
#23 AR-1248-3

R.T.: 5.205 min
Delta R.T.: 0.003 min
Response: 3824540
Conc: 2.26 ng/ml



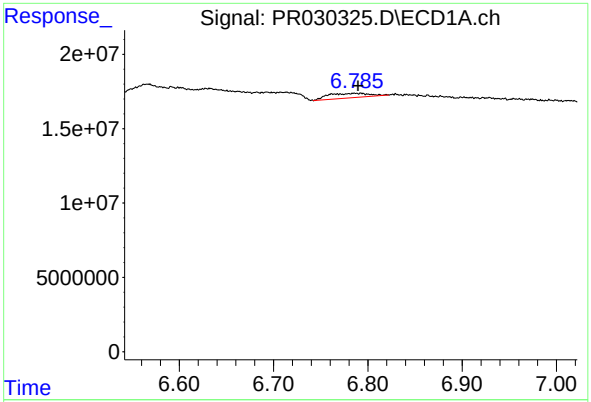
#24 AR-1248-4

R.T.: 6.592 min
Delta R.T.: -0.041 min
Response: 2998322
Conc: 2.97 ng/ml



#24 AR-1248-4

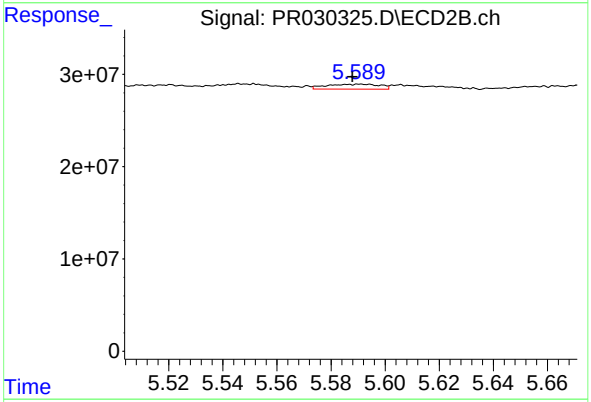
R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 9453764
Conc: 3.84 ng/ml



#25 AR-1248-5

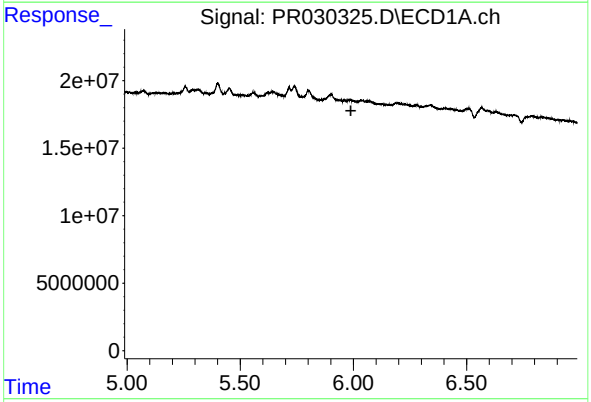
R.T.: 6.793 min
Delta R.T.: 0.003 min
Response: 9079783
Conc: 8.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



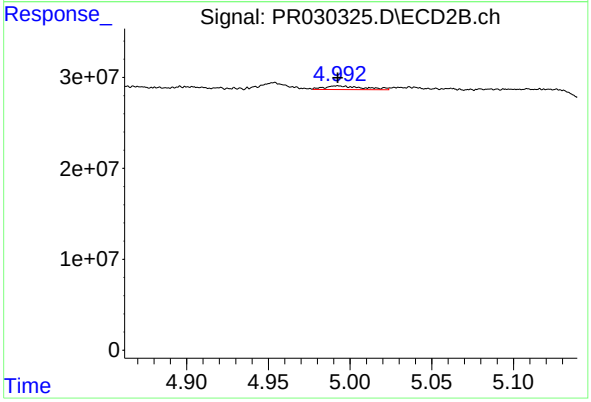
#25 AR-1248-5

R.T.: 5.591 min
Delta R.T.: 0.003 min
Response: 7304749
Conc: 4.21 ng/ml



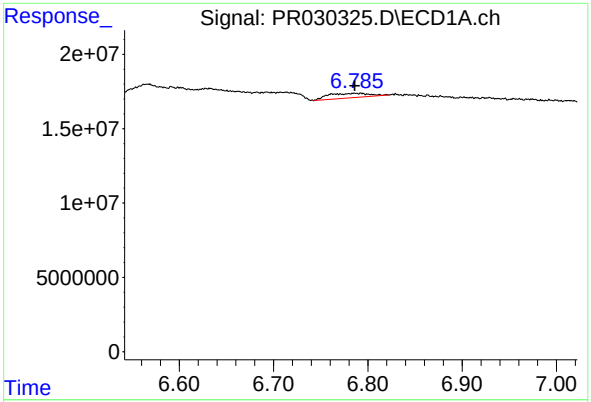
#26 AR-1254-1

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



#26 AR-1254-1

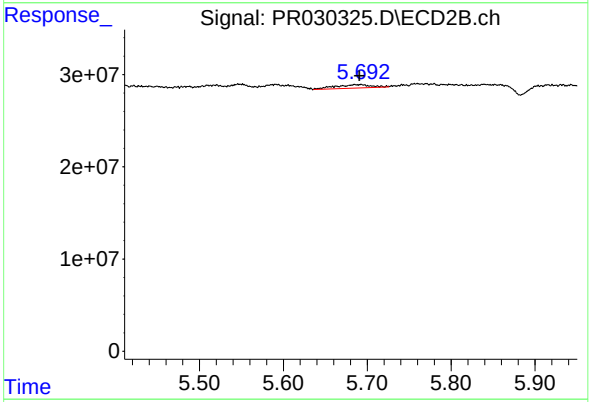
R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 6789030
Conc: 6.57 ng/ml



#27 AR-1254-2

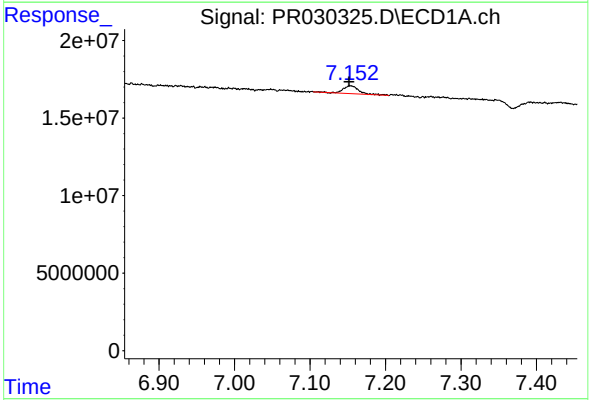
R.T.: 6.793 min
Delta R.T.: 0.007 min
Response: 9079783
Conc: 5.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



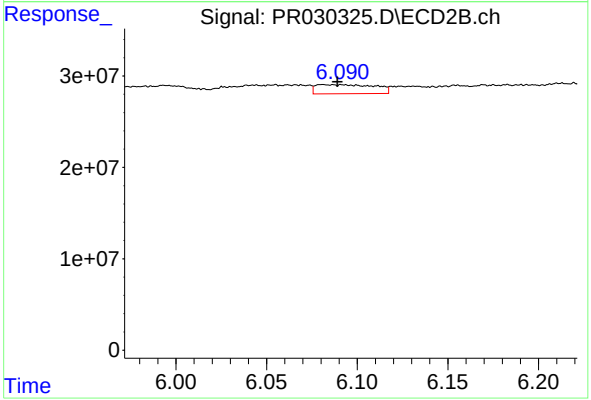
#27 AR-1254-2

R.T.: 5.693 min
Delta R.T.: 0.002 min
Response: 11218257
Conc: 4.96 ng/ml



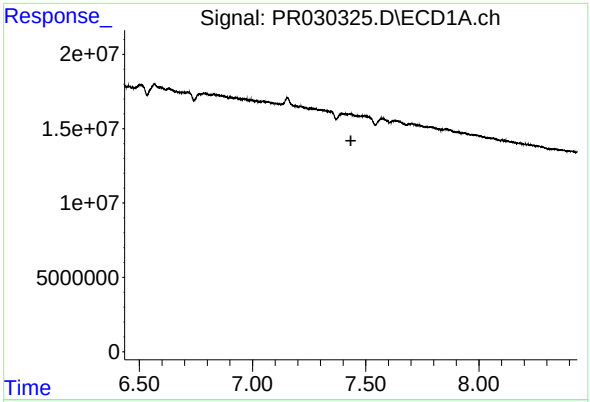
#28 AR-1254-3

R.T.: 7.153 min
Delta R.T.: 0.001 min
Response: 7360746
Conc: 4.17 ng/ml



#28 AR-1254-3

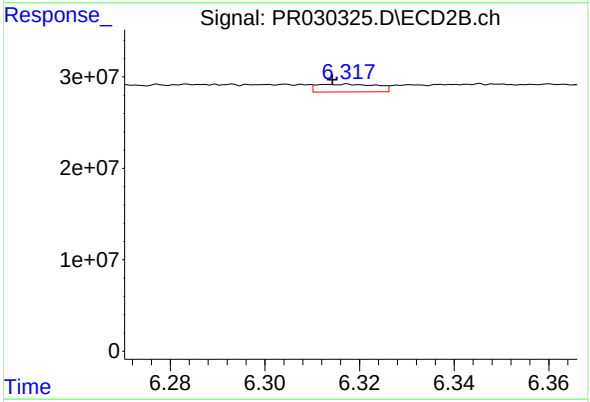
R.T.: 6.081 min
Delta R.T.: -0.008 min
Response: 22416315
Conc: 6.16 ng/ml



#29 AR-1254-4

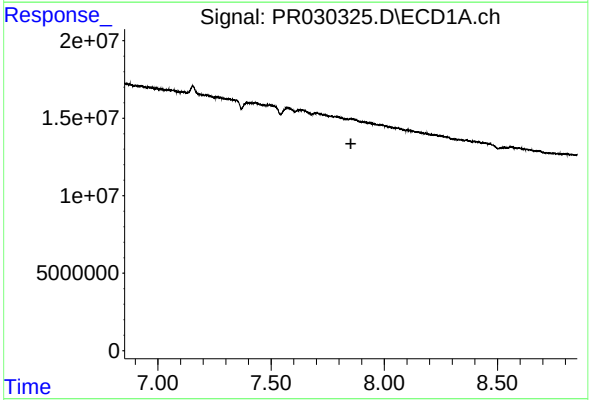
R.T.: 0.000 min
Exp R.T. : 7.434 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



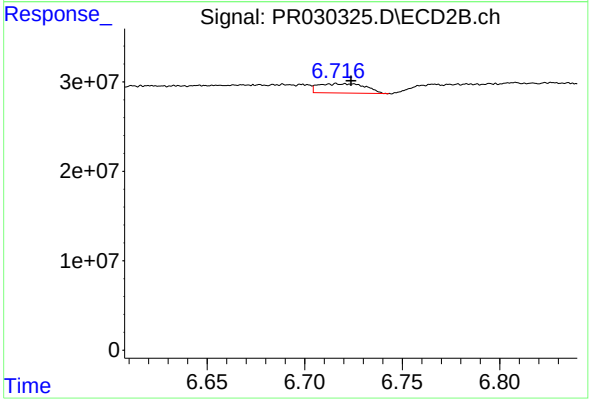
#29 AR-1254-4

R.T.: 6.317 min
Delta R.T.: 0.003 min
Response: 7448536
Conc: 2.72 ng/ml



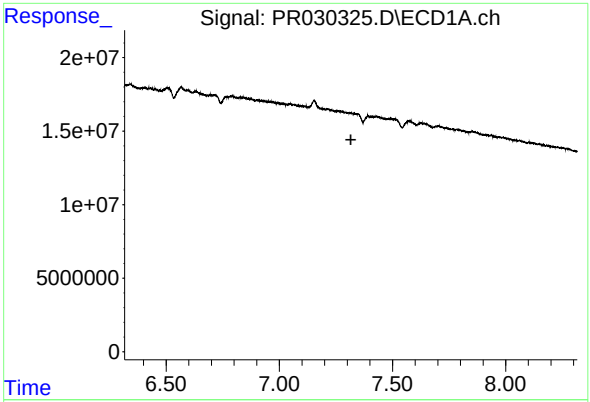
#30 AR-1254-5

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



#30 AR-1254-5

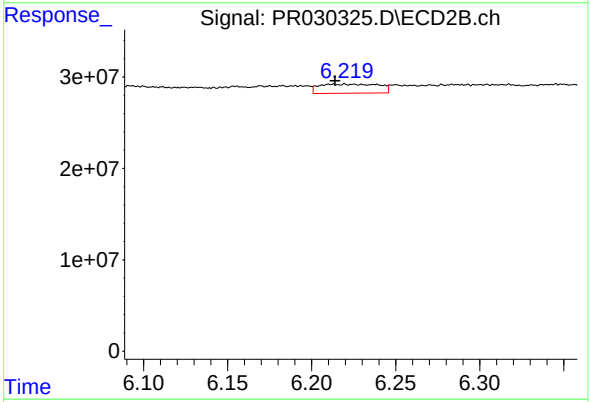
R.T.: 6.716 min
Delta R.T.: -0.007 min
Response: 17514108
Conc: 6.57 ng/ml



#31 AR-1260-1

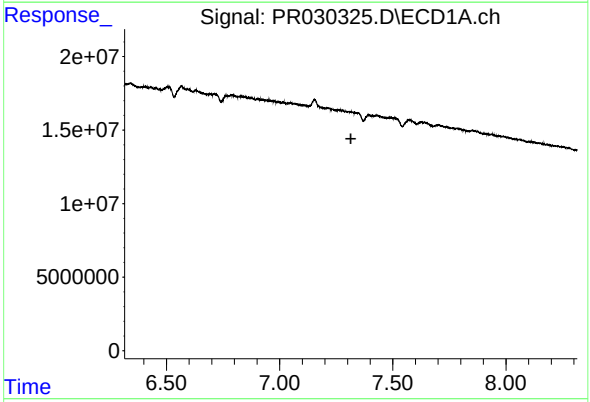
R.T.: 0.000 min
Exp R.T. : 7.316 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



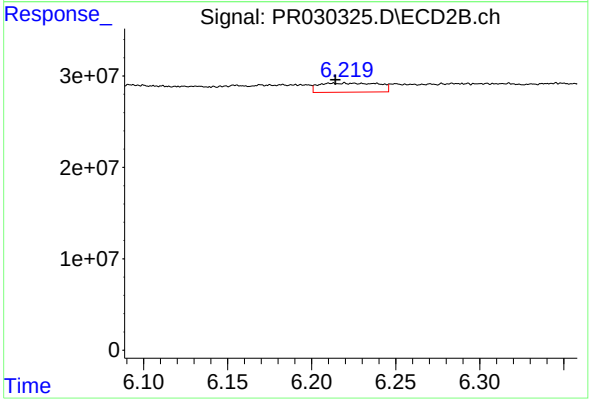
#31 AR-1260-1

R.T.: 6.220 min
Delta R.T.: 0.006 min
Response: 24562084
Conc: 9.85 ng/ml



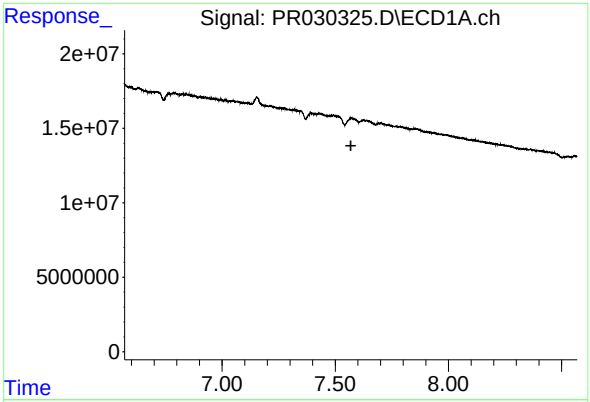
#36 AR-1262-1

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



#36 AR-1262-1

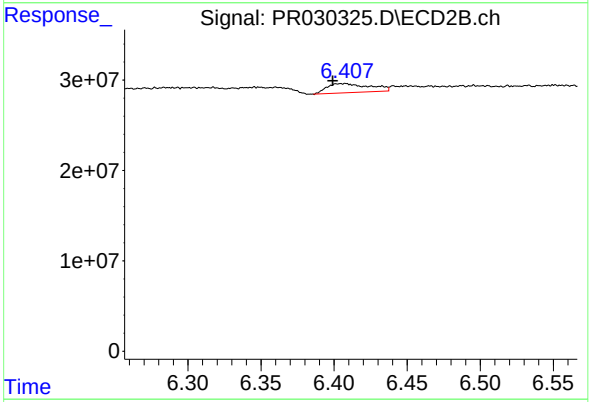
R.T.: 6.220 min
Delta R.T.: 0.005 min
Response: 24562084
Conc: 12.05 ng/ml



#37 AR-1262-2

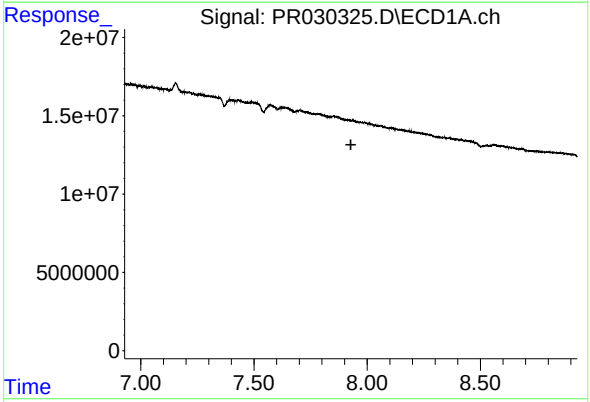
R.T.: 7.573 min
Delta R.T.: 0.003 min
Response: -1906500
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



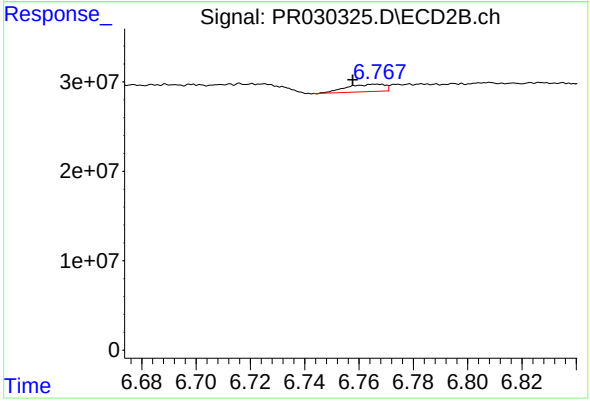
#37 AR-1262-2

R.T.: 6.407 min
Delta R.T.: 0.008 min
Response: 20408822
Conc: 8.54 ng/ml



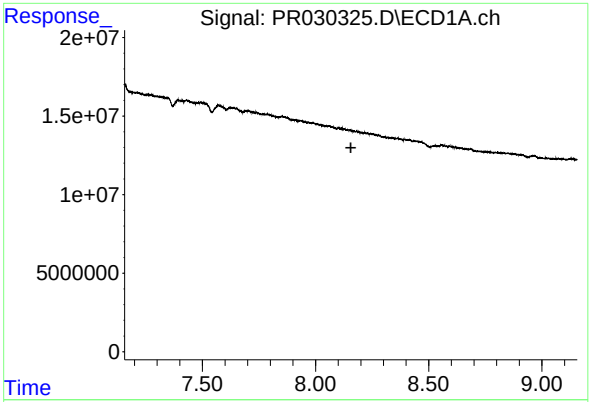
#38 AR-1262-3

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



#38 AR-1262-3

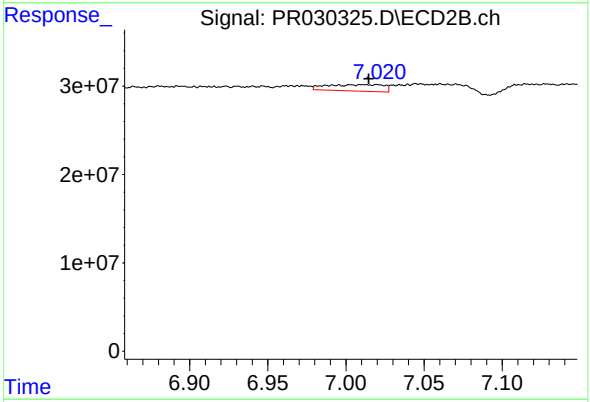
R.T.: 6.766 min
Delta R.T.: 0.009 min
Response: 8057374
Conc: 2.73 ng/ml



#39 AR-1262-4

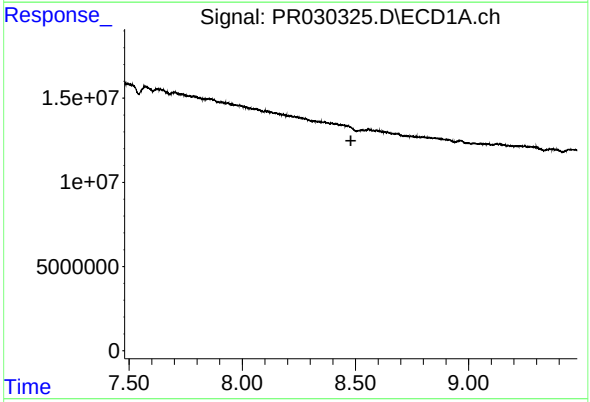
R.T.: 0.000 min
Exp R.T. : 8.156 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



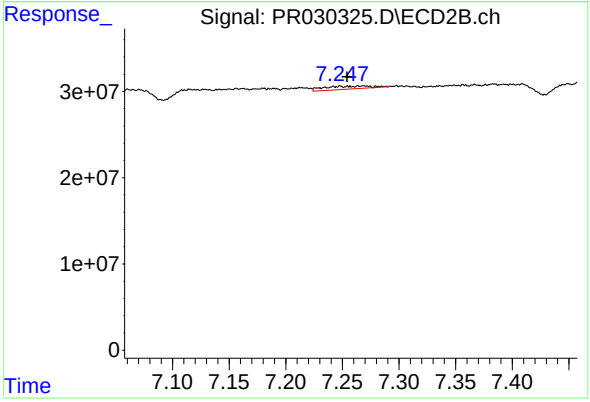
#39 AR-1262-4

R.T.: 6.995 min
Delta R.T.: -0.019 min
Response: 18399515
Conc: 8.81 ng/ml



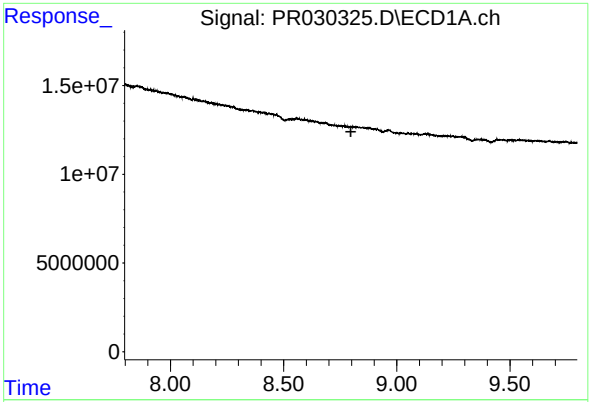
#40 AR-1262-5

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



#40 AR-1262-5

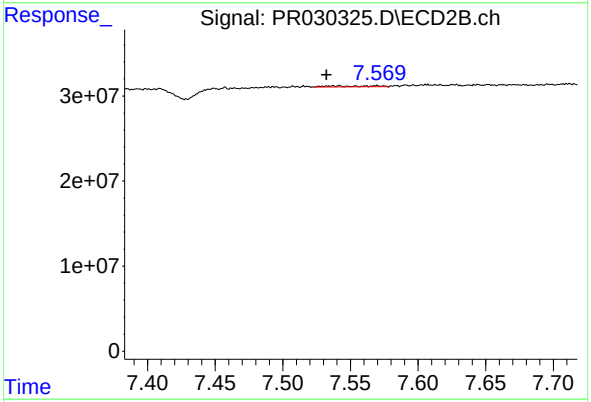
R.T.: 7.248 min
Delta R.T.: -0.006 min
Response: 10293808
Conc: 2.60 ng/ml



#41 AR-1268-1

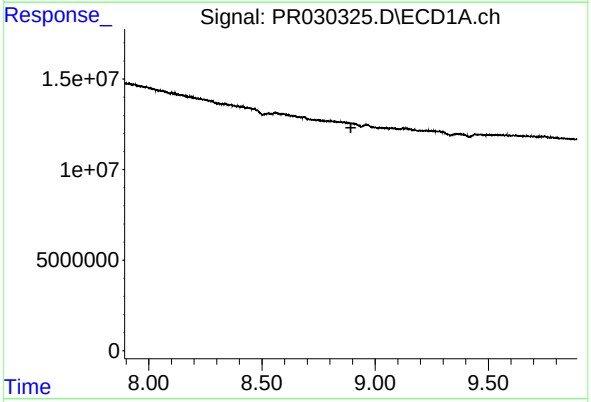
R.T.: 0.000 min
Exp R.T. : 8.797 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



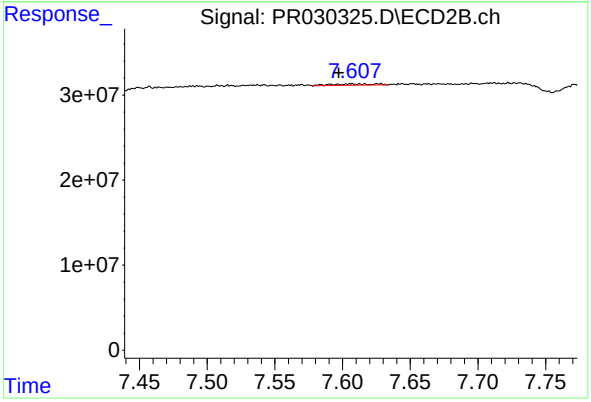
#41 AR-1268-1

R.T.: 7.542 min
Delta R.T.: 0.010 min
Response: 2764173
Conc: 0.79 ng/ml



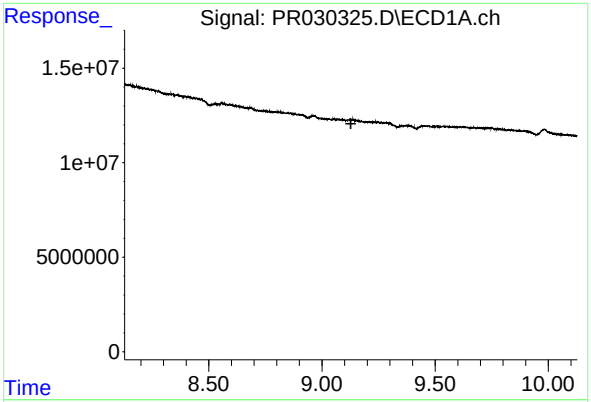
#42 AR-1268-2

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



#42 AR-1268-2

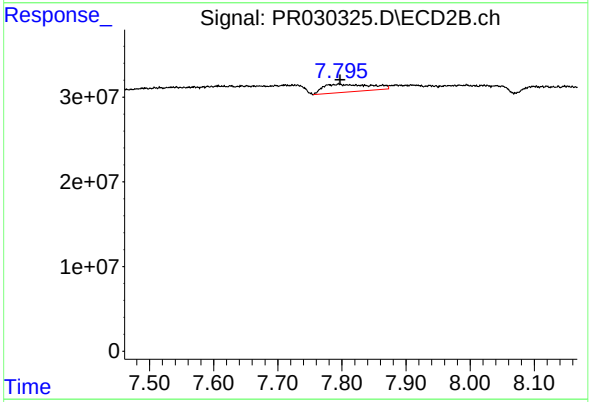
R.T.: 7.607 min
Delta R.T.: 0.010 min
Response: 3495207
Conc: 1.17 ng/ml



#43 AR-1268-3

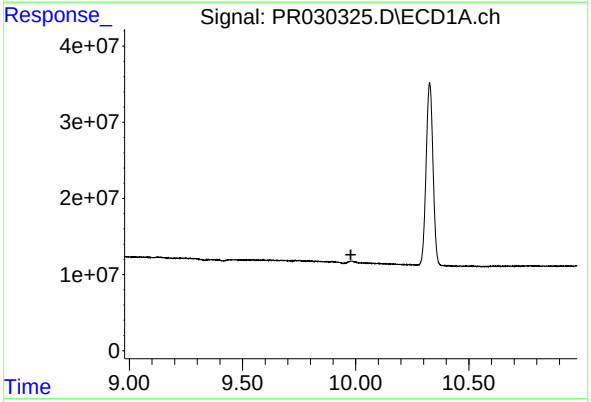
R.T.: 0.000 min
Exp R.T. : 9.128 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



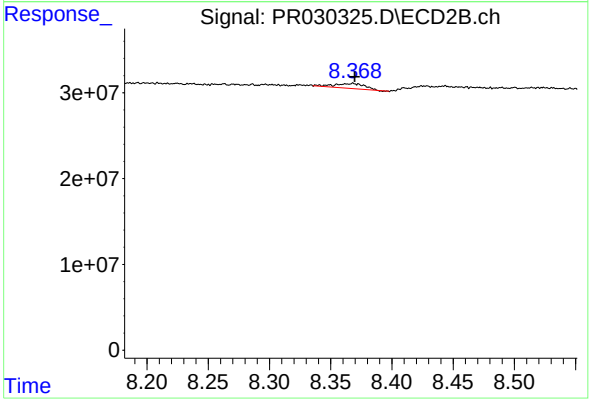
#43 AR-1268-3

R.T.: 7.795 min
Delta R.T.: -0.002 min
Response: 47622544
Conc: 20.83 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.: 8.368 min
Delta R.T.: -0.002 min
Response: 10008002
Conc: 1.91 ng/ml