

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR071618\
 Data File : PR030328.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2018 19:54
 Operator : MA/SM
 Sample : AR1232 LOQ
 Misc : 100PPB LOQ ECD_R SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 04:47:21 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	3.700	543.4E6	699.6E6	15.726	14.462
2)	SA Decachlor...	10.326	8.611	513.4E6	339.8E6	16.955	16.999
Target Compounds							
3)	L1 AR-1016-1	5.452	4.547	27883398	52905500	39.216	43.434
4)	L1 AR-1016-2	5.802	4.955	42422534	46909579	46.810	37.149
5)	L1 AR-1016-3	5.900	5.034	38755569	42129776	50.377	34.552 #
6)	L1 AR-1016-4	6.193	5.203	27331953	48362112	37.477	35.878
7)	L1 AR-1016-5	6.334	5.548	31000375	62518961	39.045	45.356
8)	L2 AR-1221-1	4.762	3.909	19287364	28623462	48.499	49.459
9)	L2 AR-1221-2	4.848	3.995	23195998	27224470	78.868	63.796
10)	L2 AR-1221-3	4.924	4.068	57991898	87230782	61.537	61.965
11)	L3 AR-1232-1	4.924	4.068	57991898	87230782	100.921	98.061
12)	L3 AR-1232-2	5.452	4.955	27883398	46909579	97.146	93.441
13)	L3 AR-1232-3	5.802	4.993	42422534	34482934	113.593	97.626
14)	L3 AR-1232-4	5.900	5.548	38755569	62518961	126.780	103.194
15)	L3 AR-1232-5	6.334	5.588	31000375	64876254	100.929	106.816
16)	L4 AR-1242-1	5.452	4.547	27883398	52905500	47.266	52.611
17)	L4 AR-1242-2	5.717	4.781	41935273	108.6E6	48.226	49.448
18)	L4 AR-1242-3	5.802	4.837	42422534	68763558	57.463	52.017
19)	L4 AR-1242-4	5.900	5.034	38755569	42129776	61.449	41.974 #
20)	L4 AR-1242-5	6.193	5.203	27331953	48362112	44.593	43.271
21)	L5 AR-1248-1	5.988	4.993	27780889	34482934	32.842	25.863
22)	L5 AR-1248-2	6.193	5.034	27331953	42129776	29.018	30.804
23)	L5 AR-1248-3	6.567	5.203	31016442	48362112	38.385	28.550 #
24)	L5 AR-1248-4	6.632	5.548	32783918	62518961	32.490	25.412
25)	L5 AR-1248-5	6.790	5.588	35373740	64876254	33.230	37.358
26)	L6 AR-1254-1	5.988	4.993	27780889	34482934	45.643	33.381 #
27)	L6 AR-1254-2	6.790	5.690	35373740	17242540	20.856	7.623 #
28)	L6 AR-1254-3	7.152	6.089	14013696	43068703	7.937	11.837 #
29)	L6 AR-1254-4	7.437	6.316	7045088	54232248	4.746	19.782 #
30)	L6 AR-1254-5	0.000	6.723	0	18592913	N.D.	6.978 #
31)	L7 AR-1260-1	0.000	6.232	0	47769896	N.D.	19.152 #
36)	L8 AR-1262-1	0.000	6.232	0	47769896	N.D.	23.441 #
37)	L8 AR-1262-2	7.570	6.407	3580510	29508702	2.315	12.343 #
38)	L8 AR-1262-3	0.000	6.762	0	10619805	N.D.	3.595 #
39)	L8 AR-1262-4	0.000	7.022	0	9071987	N.D.	4.342 #
40)	L8 AR-1262-5	0.000	7.255	0	10262936	N.D.	2.590 #
41)	L9 AR-1268-1	0.000	7.536	0	3934020	N.D.	1.129 #
42)	L9 AR-1268-2	0.000	7.598	0	5881926	N.D.	1.970 #
43)	L9 AR-1268-3	0.000	7.795	0	21670803	N.D.	9.478 #
45)	L9 AR-1268-5	0.000	8.366	0	8546952	N.D.	1.633 #

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Misc : 100PPB LOQ ECD_R SOIL
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Instrument :
ECD_R
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 04:47:21 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
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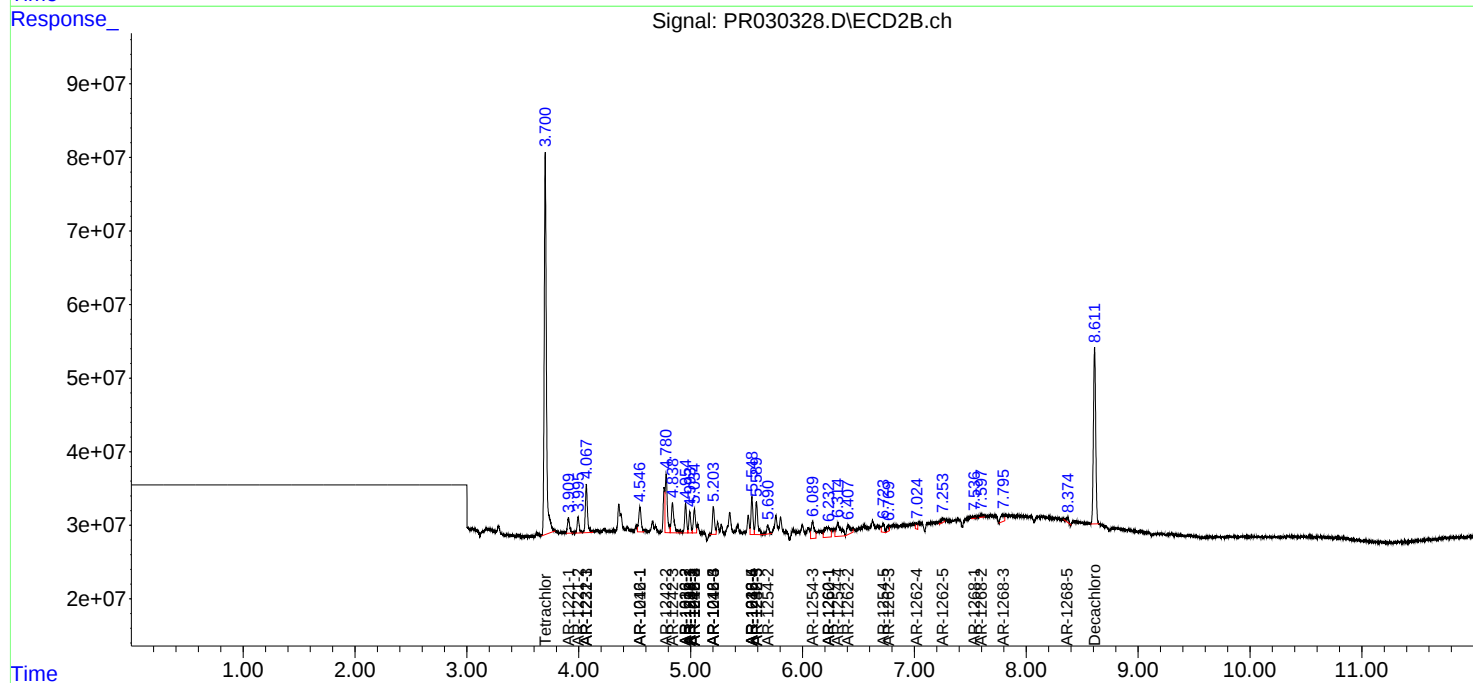
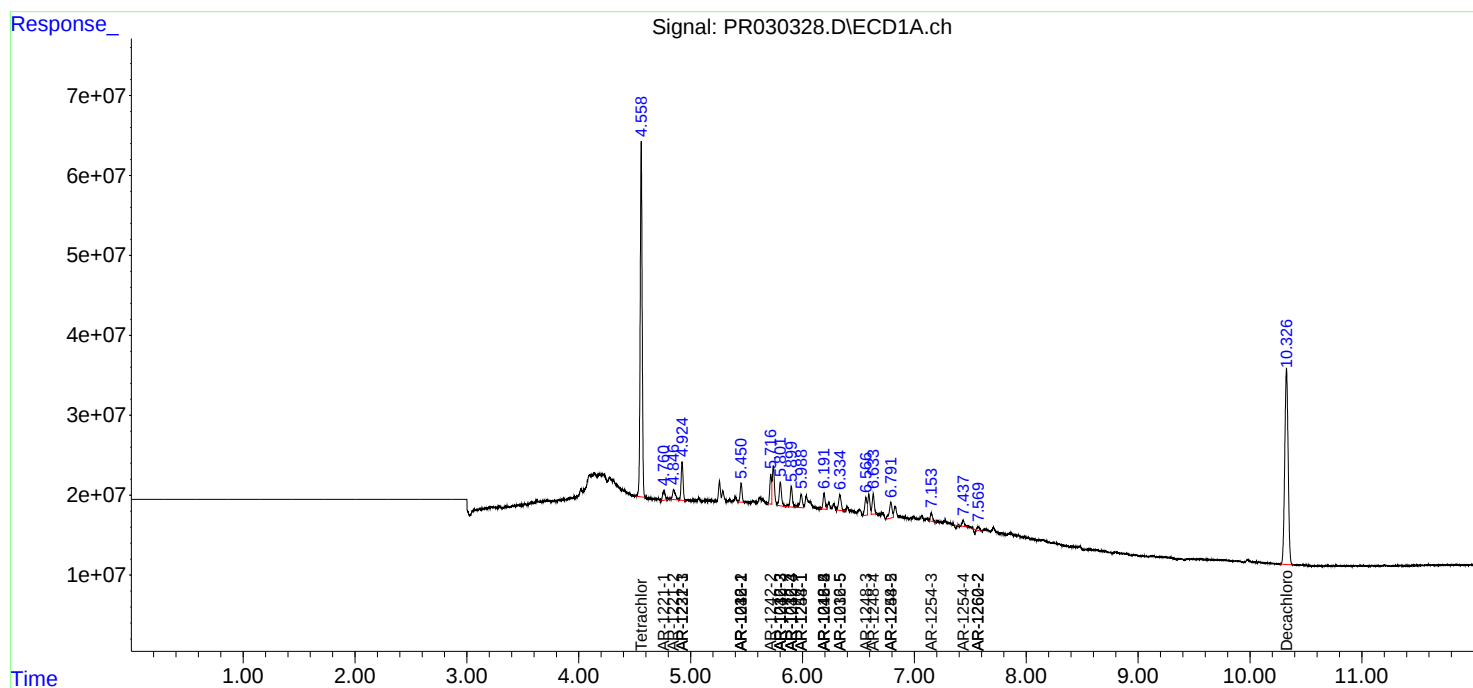
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

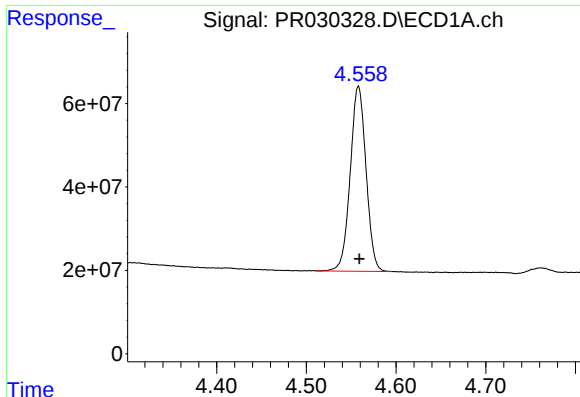
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR071618\
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Quant Time: Jul 17 04:47:21 2018
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

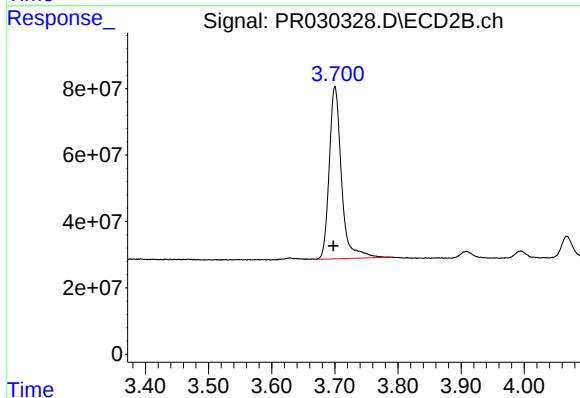




#1 Tetrachloro-m-xylene

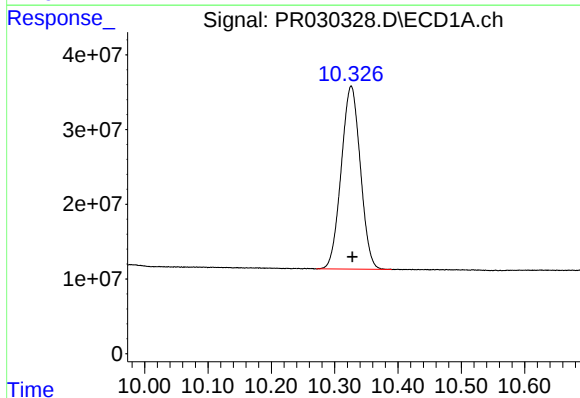
R.T.: 4.558 min
Delta R.T.: 0.000 min
Response: 543442620
Conc: 15.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



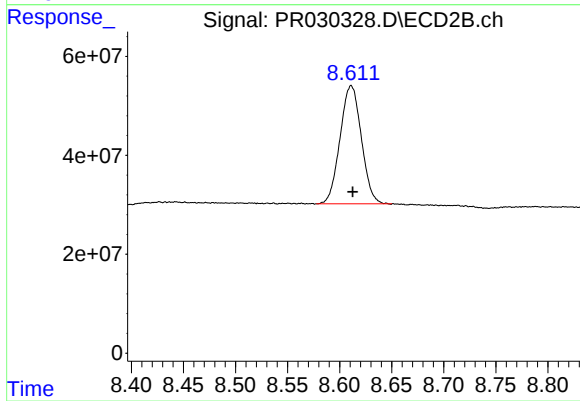
#1 Tetrachloro-m-xylene

R.T.: 3.700 min
Delta R.T.: 0.002 min
Response: 699631999
Conc: 14.46 ng/ml



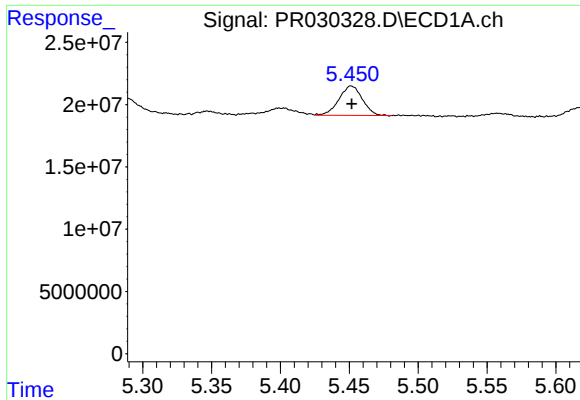
#2 Decachlorobiphenyl

R.T.: 10.326 min
Delta R.T.: -0.002 min
Response: 513394684
Conc: 16.96 ng/ml



#2 Decachlorobiphenyl

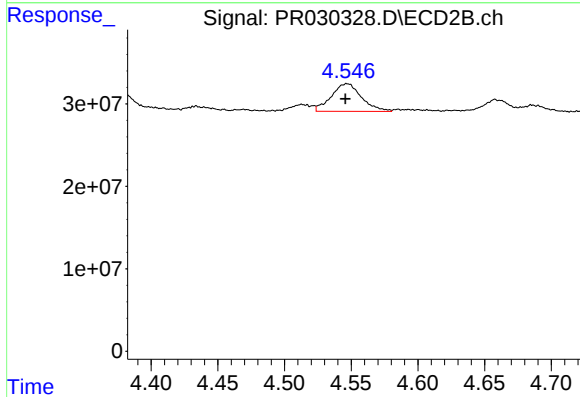
R.T.: 8.611 min
Delta R.T.: -0.001 min
Response: 339758162
Conc: 17.00 ng/ml



#3 AR-1016-1

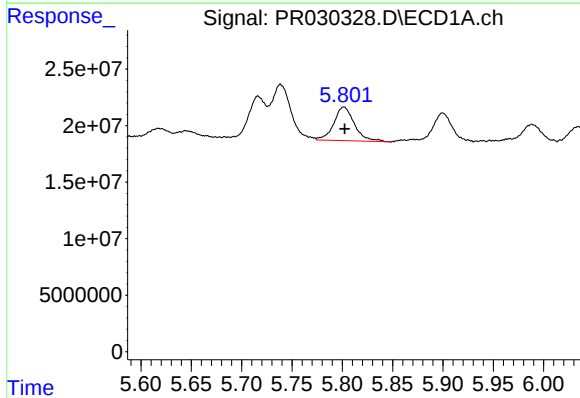
R.T.: 5.452 min
Delta R.T.: 0.000 min
Response: 27883398
Conc: 39.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



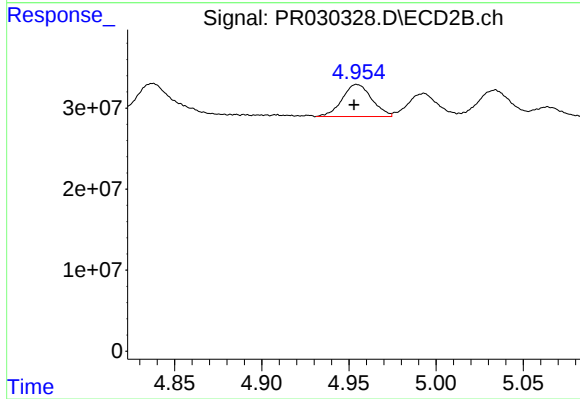
#3 AR-1016-1

R.T.: 4.547 min
Delta R.T.: 0.001 min
Response: 52905500
Conc: 43.43 ng/ml



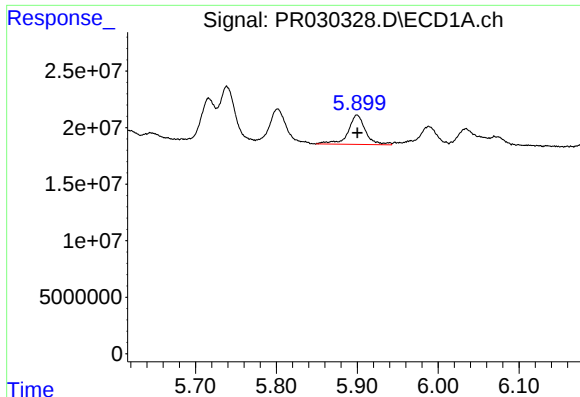
#4 AR-1016-2

R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 42422534
Conc: 46.81 ng/ml



#4 AR-1016-2

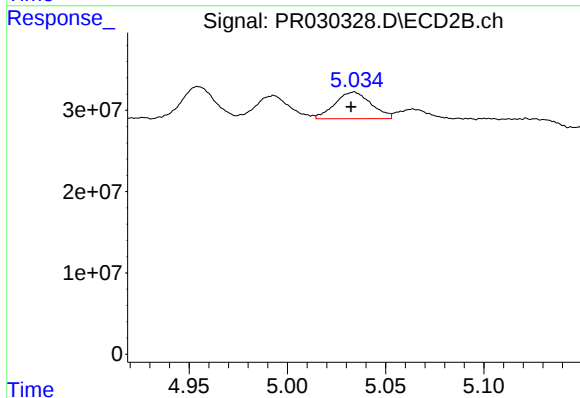
R.T.: 4.955 min
Delta R.T.: 0.002 min
Response: 46909579
Conc: 37.15 ng/ml



#5 AR-1016-3

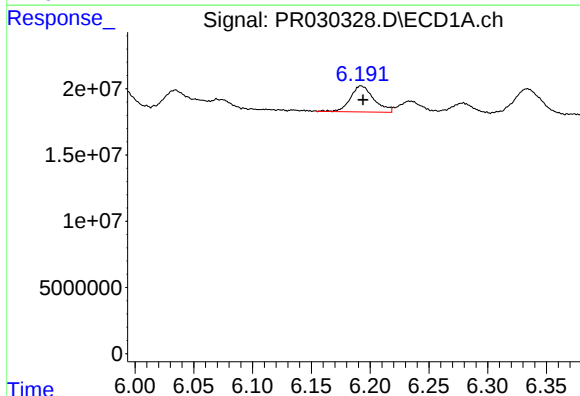
R.T.: 5.900 min
Delta R.T.: 0.000 min
Response: 38755569
Conc: 50.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



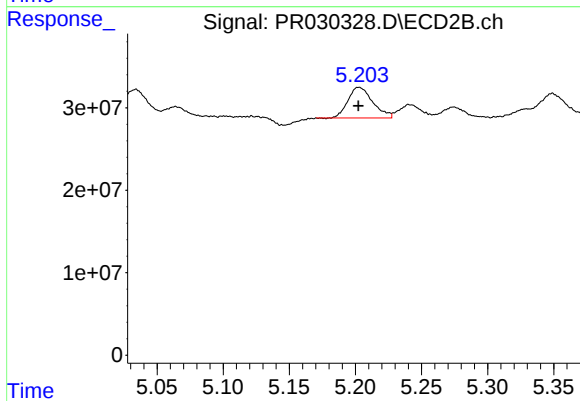
#5 AR-1016-3

R.T.: 5.034 min
Delta R.T.: 0.001 min
Response: 42129776
Conc: 34.55 ng/ml



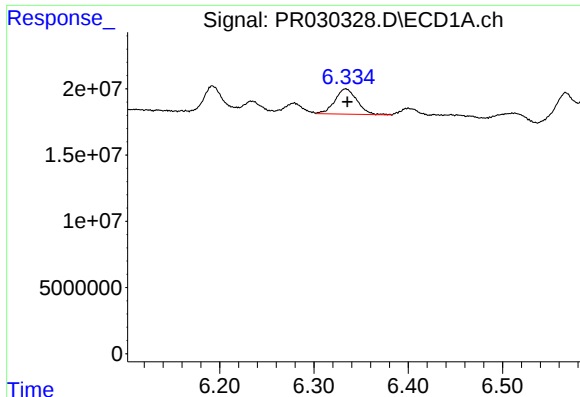
#6 AR-1016-4

R.T.: 6.193 min
Delta R.T.: -0.001 min
Response: 27331953
Conc: 37.48 ng/ml



#6 AR-1016-4

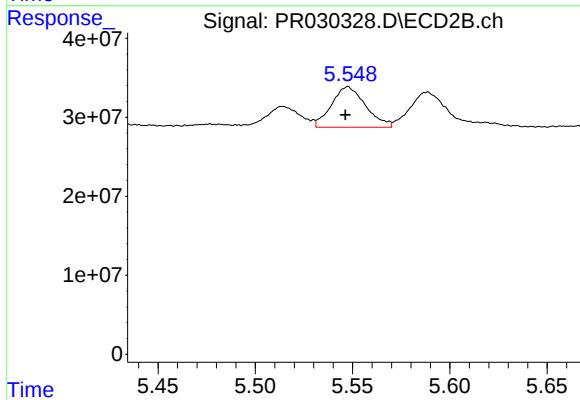
R.T.: 5.203 min
Delta R.T.: 0.000 min
Response: 48362112
Conc: 35.88 ng/ml



#7 AR-1016-5

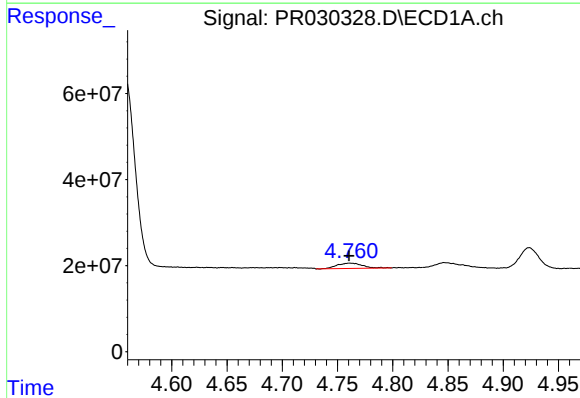
R.T.: 6.334 min
Delta R.T.: -0.002 min
Response: 31000375
Conc: 39.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



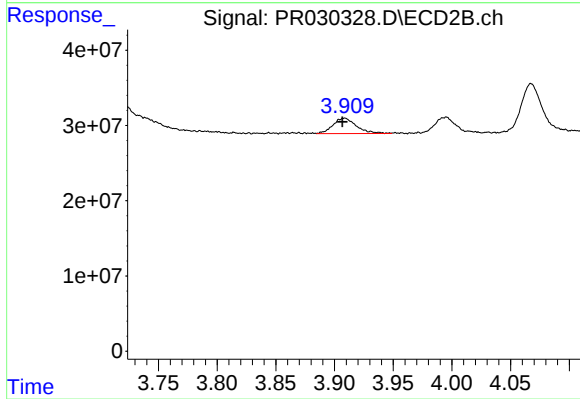
#7 AR-1016-5

R.T.: 5.548 min
Delta R.T.: 0.001 min
Response: 62518961
Conc: 45.36 ng/ml



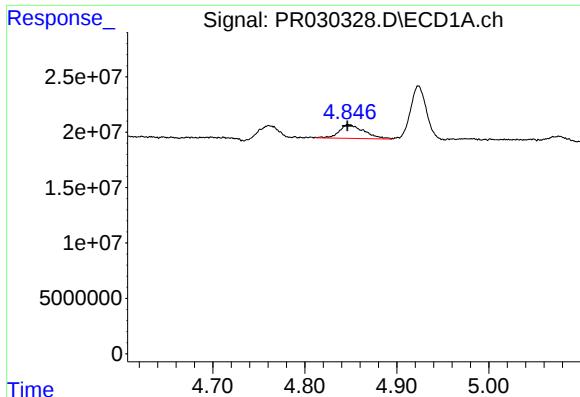
#8 AR-1221-1

R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 19287364
Conc: 48.50 ng/ml



#8 AR-1221-1

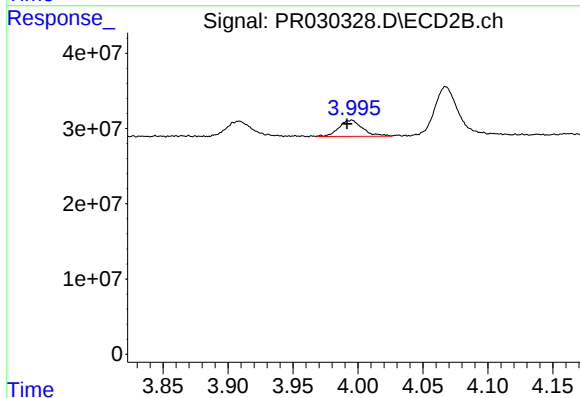
R.T.: 3.909 min
Delta R.T.: 0.002 min
Response: 28623462
Conc: 49.46 ng/ml



#9 AR-1221-2

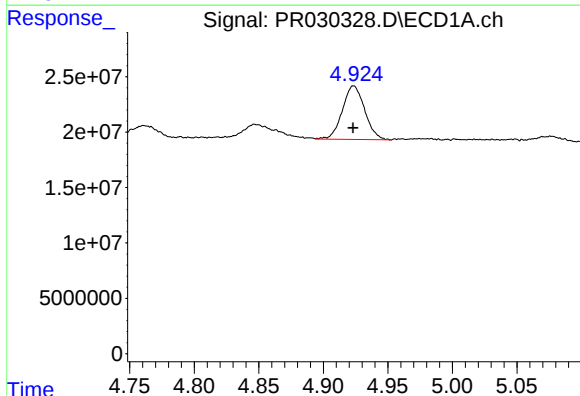
R.T.: 4.848 min
Delta R.T.: 0.002 min
Response: 23195998
Conc: 78.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



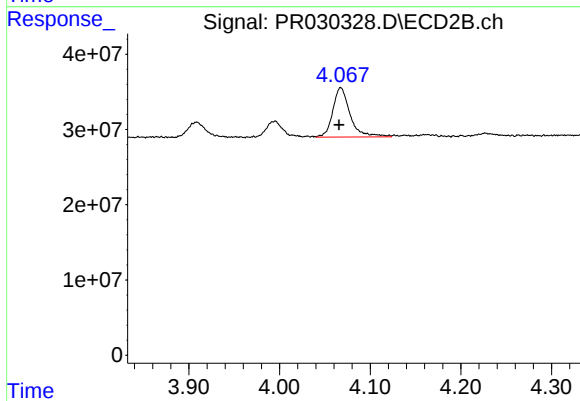
#9 AR-1221-2

R.T.: 3.995 min
Delta R.T.: 0.003 min
Response: 27224470
Conc: 63.80 ng/ml



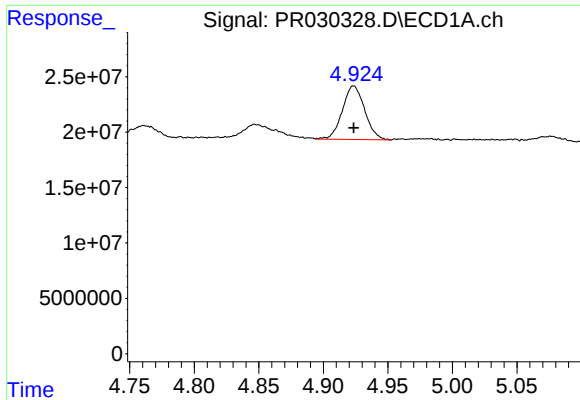
#10 AR-1221-3

R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 57991898
Conc: 61.54 ng/ml



#10 AR-1221-3

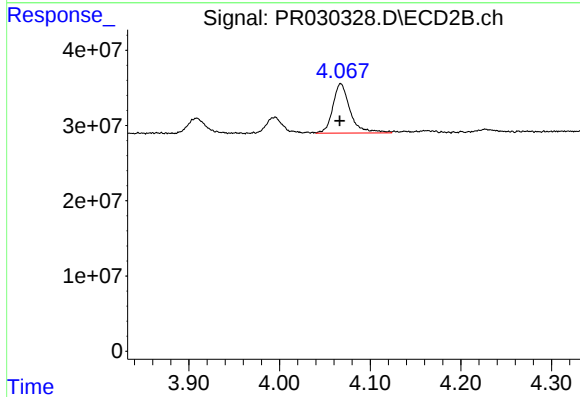
R.T.: 4.068 min
Delta R.T.: 0.002 min
Response: 87230782
Conc: 61.96 ng/ml



#11 AR-1232-1

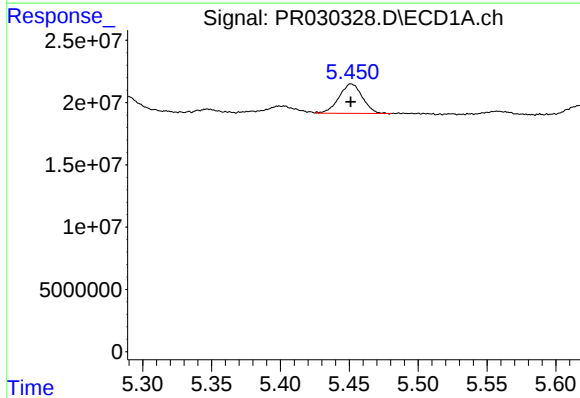
R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 57991898
Conc: 100.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



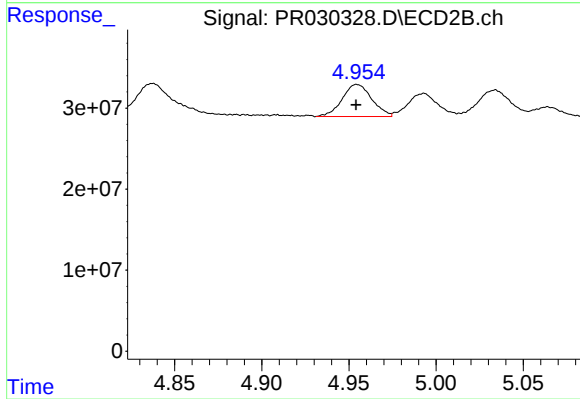
#11 AR-1232-1

R.T.: 4.068 min
Delta R.T.: 0.001 min
Response: 87230782
Conc: 98.06 ng/ml



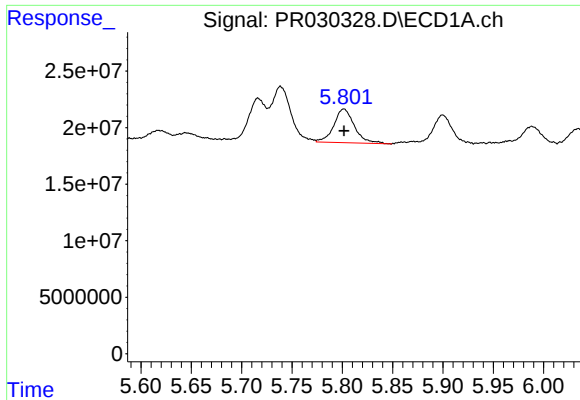
#12 AR-1232-2

R.T.: 5.452 min
Delta R.T.: 0.000 min
Response: 27883398
Conc: 97.15 ng/ml



#12 AR-1232-2

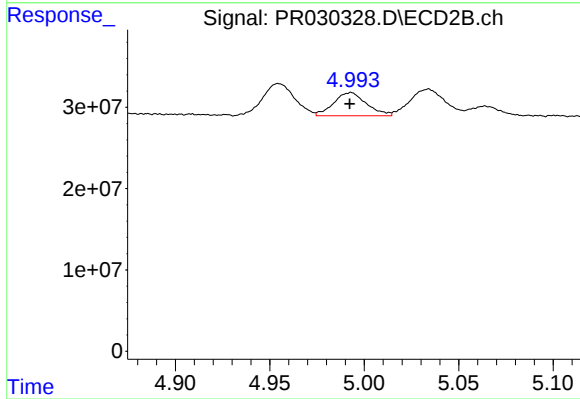
R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 46909579
Conc: 93.44 ng/ml



#13 AR-1232-3

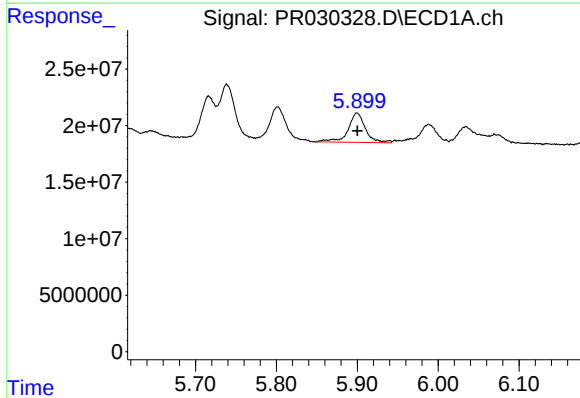
R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 42422534
Conc: 113.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



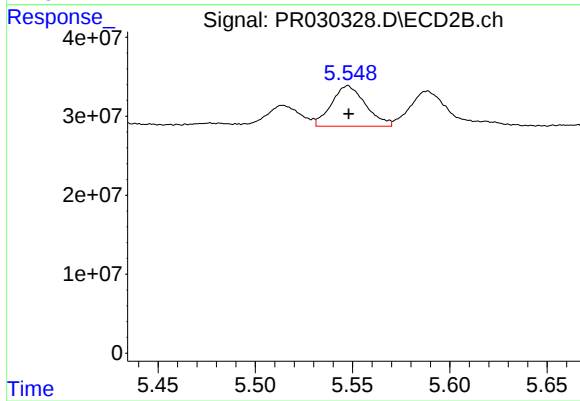
#13 AR-1232-3

R.T.: 4.993 min
Delta R.T.: 0.000 min
Response: 34482934
Conc: 97.63 ng/ml



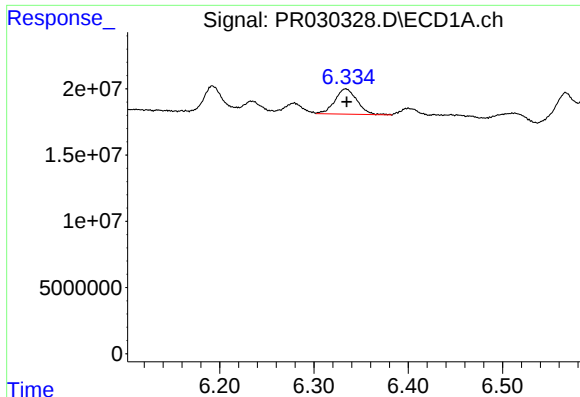
#14 AR-1232-4

R.T.: 5.900 min
Delta R.T.: 0.000 min
Response: 38755569
Conc: 126.78 ng/ml



#14 AR-1232-4

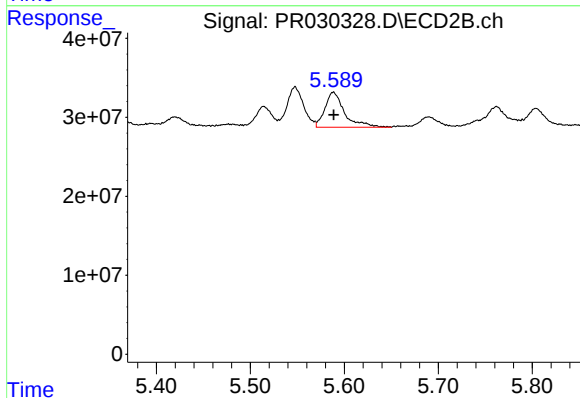
R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 62518961
Conc: 103.19 ng/ml



#15 AR-1232-5

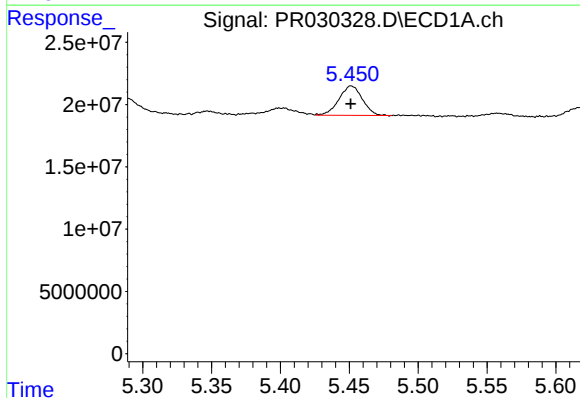
R.T.: 6.334 min
Delta R.T.: -0.001 min
Response: 31000375
Conc: 100.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



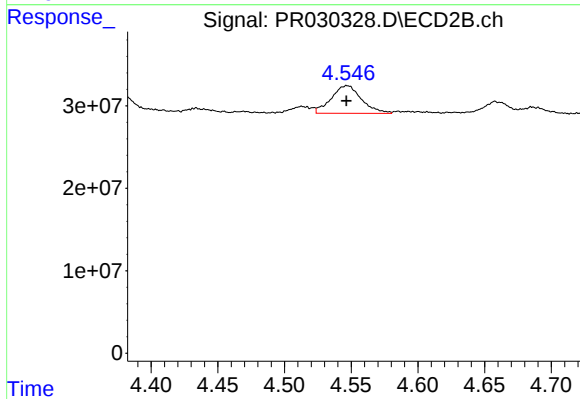
#15 AR-1232-5

R.T.: 5.588 min
Delta R.T.: 0.000 min
Response: 64876254
Conc: 106.82 ng/ml



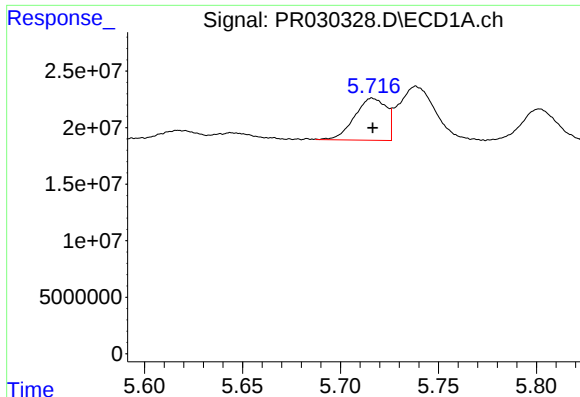
#16 AR-1242-1

R.T.: 5.452 min
Delta R.T.: 0.000 min
Response: 27883398
Conc: 47.27 ng/ml



#16 AR-1242-1

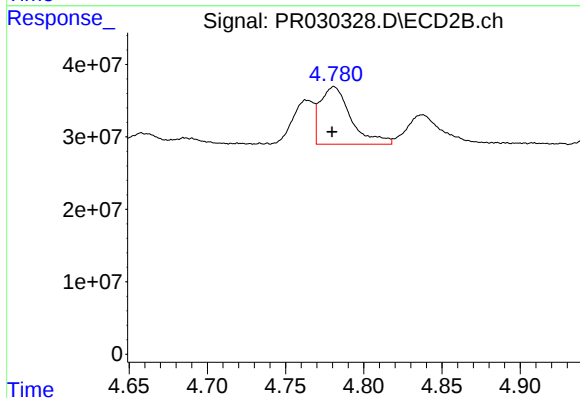
R.T.: 4.547 min
Delta R.T.: 0.000 min
Response: 52905500
Conc: 52.61 ng/ml



#17 AR-1242-2

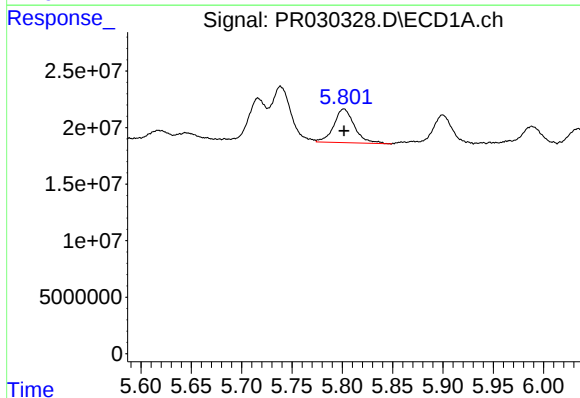
R.T.: 5.717 min
Delta R.T.: 0.000 min
Response: 41935273
Conc: 48.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



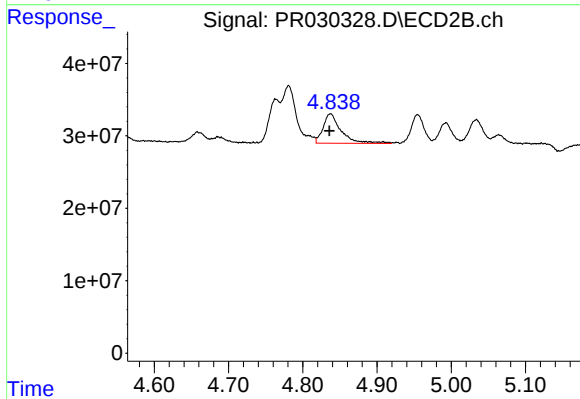
#17 AR-1242-2

R.T.: 4.781 min
Delta R.T.: 0.001 min
Response: 108586601
Conc: 49.45 ng/ml



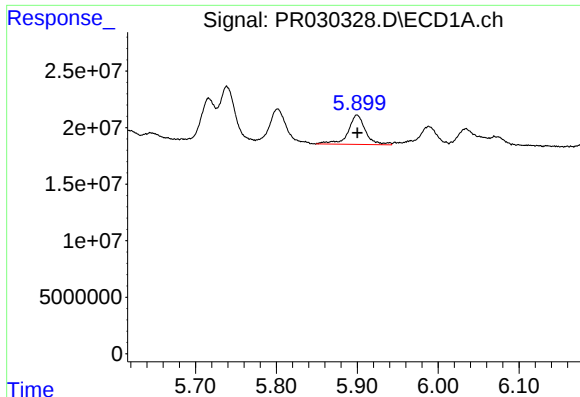
#18 AR-1242-3

R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 42422534
Conc: 57.46 ng/ml



#18 AR-1242-3

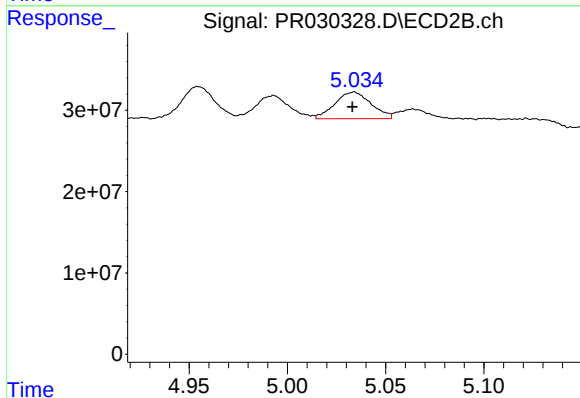
R.T.: 4.837 min
Delta R.T.: 0.002 min
Response: 68763558
Conc: 52.02 ng/ml



#19 AR-1242-4

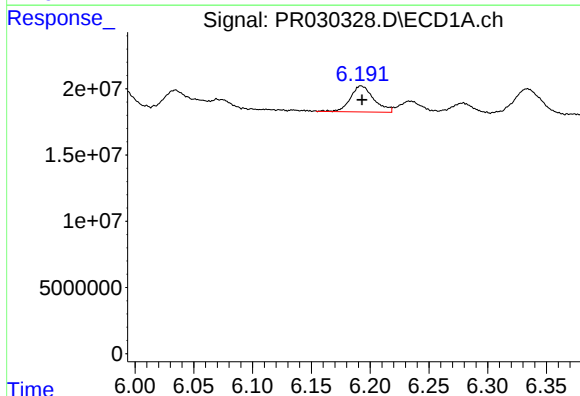
R.T.: 5.900 min
Delta R.T.: 0.000 min
Response: 38755569
Conc: 61.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



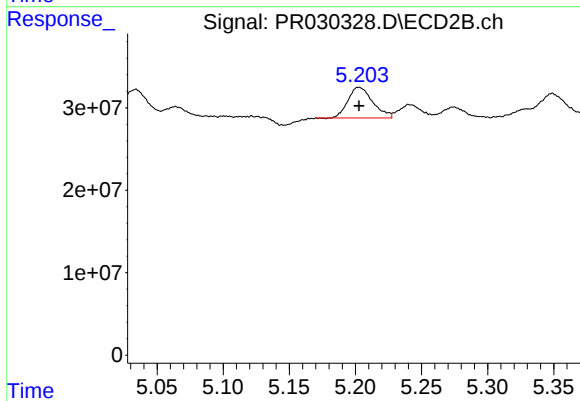
#19 AR-1242-4

R.T.: 5.034 min
Delta R.T.: 0.000 min
Response: 42129776
Conc: 41.97 ng/ml



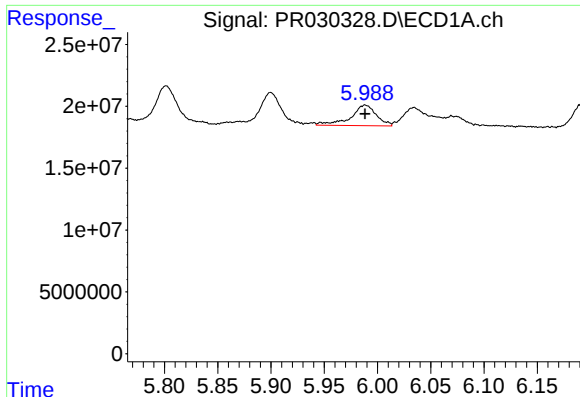
#20 AR-1242-5

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 27331953
Conc: 44.59 ng/ml



#20 AR-1242-5

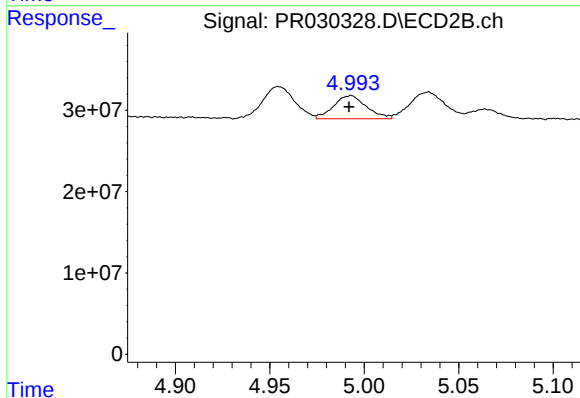
R.T.: 5.203 min
Delta R.T.: 0.000 min
Response: 48362112
Conc: 43.27 ng/ml



#21 AR-1248-1

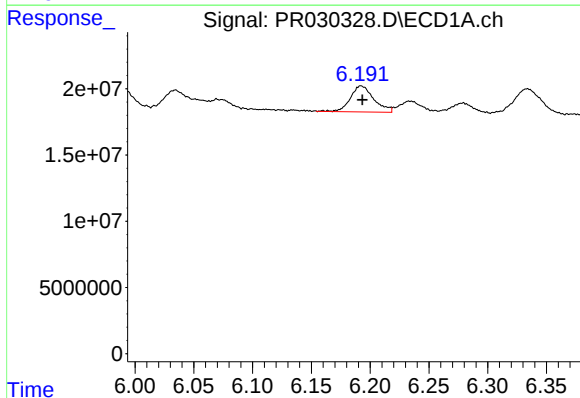
R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 27780889
Conc: 32.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



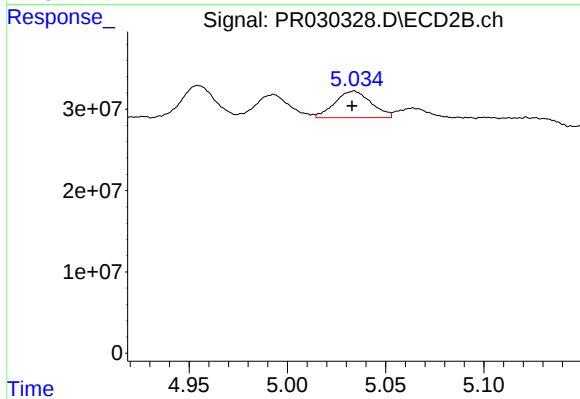
#21 AR-1248-1

R.T.: 4.993 min
Delta R.T.: 0.000 min
Response: 34482934
Conc: 25.86 ng/ml



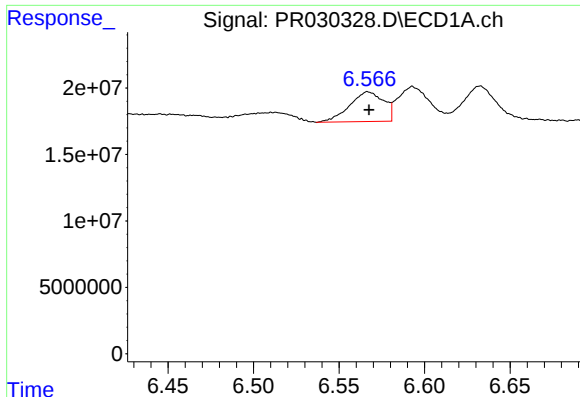
#22 AR-1248-2

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 27331953
Conc: 29.02 ng/ml



#22 AR-1248-2

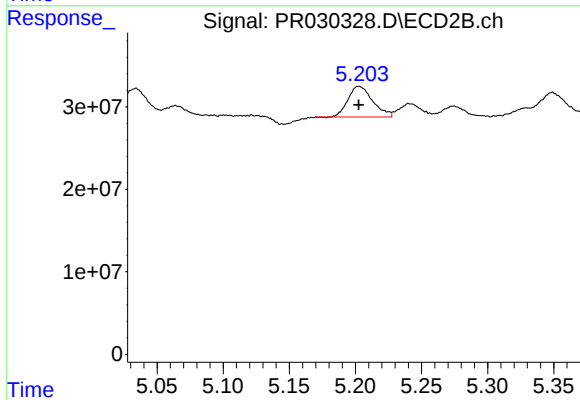
R.T.: 5.034 min
Delta R.T.: 0.000 min
Response: 42129776
Conc: 30.80 ng/ml



#23 AR-1248-3

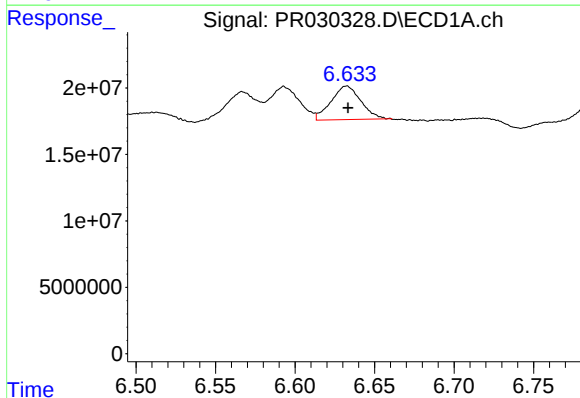
R.T.: 6.567 min
Delta R.T.: 0.000 min
Response: 31016442
Conc: 38.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



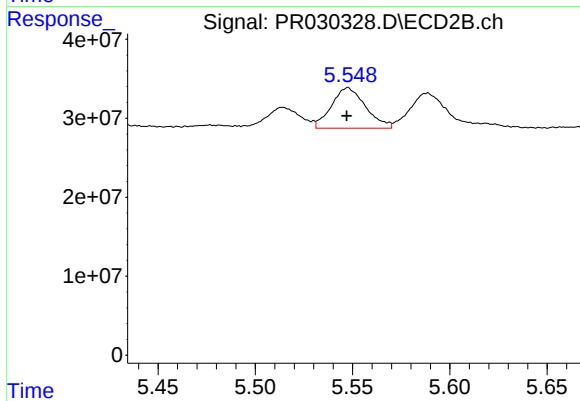
#23 AR-1248-3

R.T.: 5.203 min
Delta R.T.: 0.000 min
Response: 48362112
Conc: 28.55 ng/ml



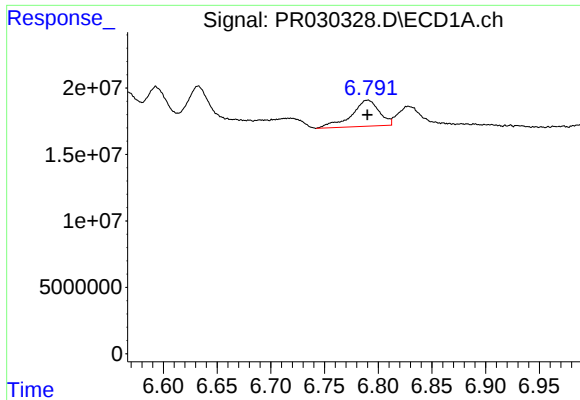
#24 AR-1248-4

R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 32783918
Conc: 32.49 ng/ml



#24 AR-1248-4

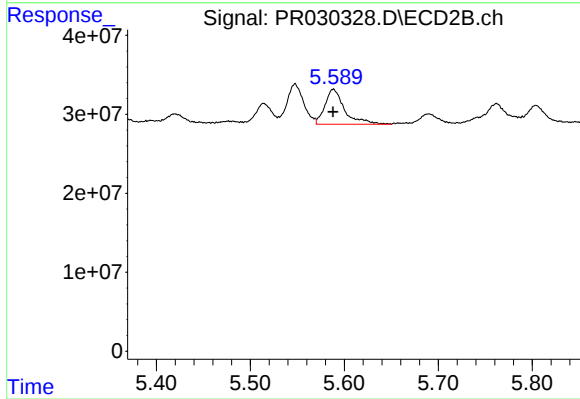
R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 62518961
Conc: 25.41 ng/ml



#25 AR-1248-5

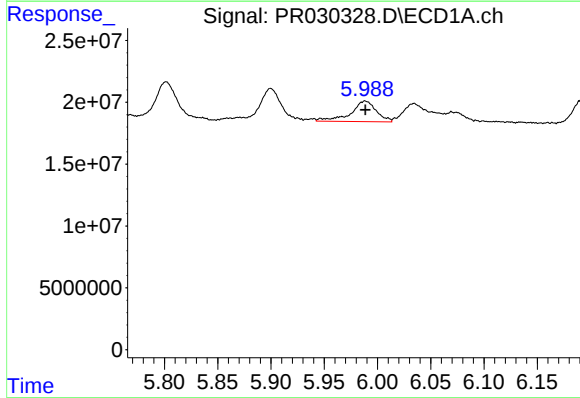
R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 35373740
Conc: 33.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



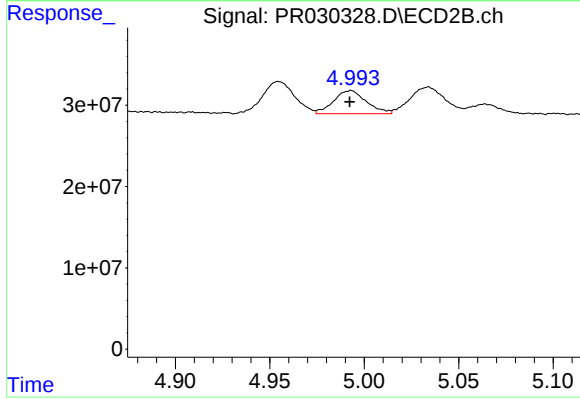
#25 AR-1248-5

R.T.: 5.588 min
Delta R.T.: 0.000 min
Response: 64876254
Conc: 37.36 ng/ml



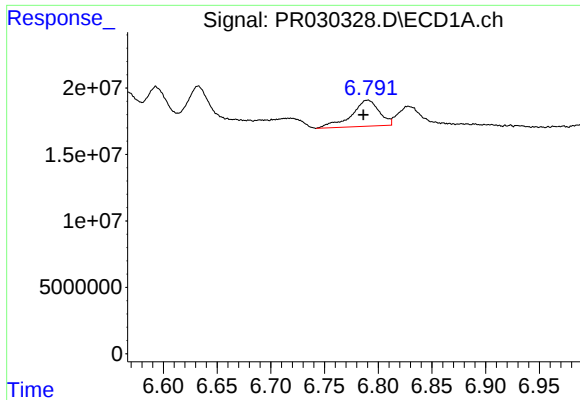
#26 AR-1254-1

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 27780889
Conc: 45.64 ng/ml



#26 AR-1254-1

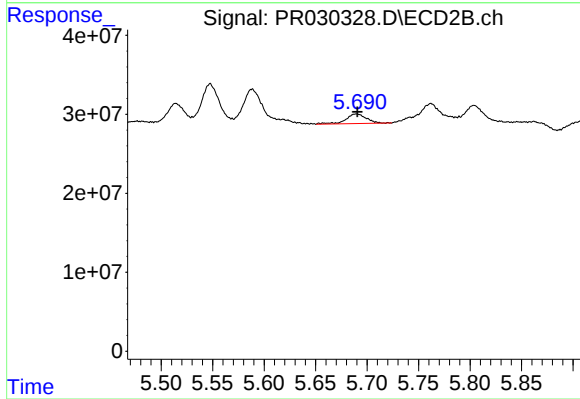
R.T.: 4.993 min
Delta R.T.: 0.000 min
Response: 34482934
Conc: 33.38 ng/ml



#27 AR-1254-2

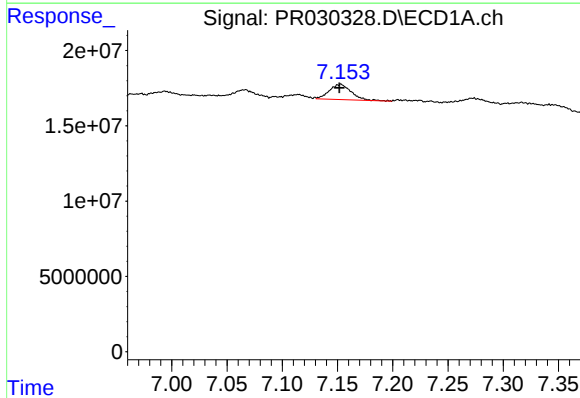
R.T.: 6.790 min
Delta R.T.: 0.004 min
Response: 35373740
Conc: 20.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



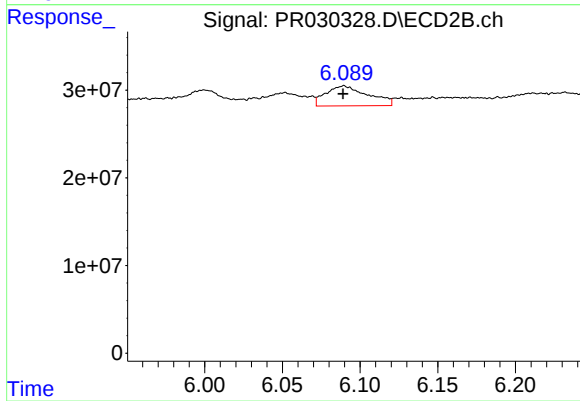
#27 AR-1254-2

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 17242540
Conc: 7.62 ng/ml



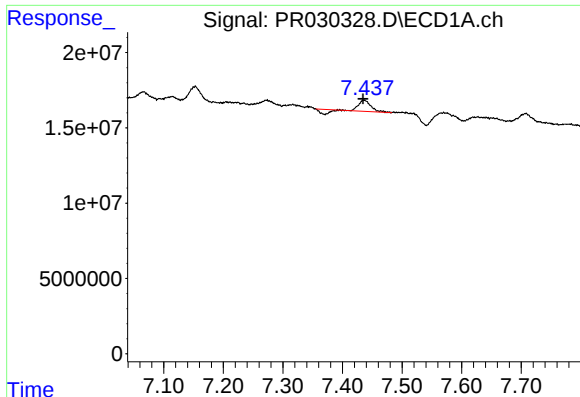
#28 AR-1254-3

R.T.: 7.152 min
Delta R.T.: 0.000 min
Response: 14013696
Conc: 7.94 ng/ml



#28 AR-1254-3

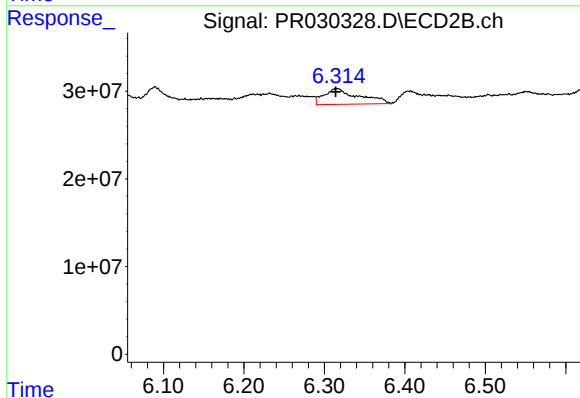
R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 43068703
Conc: 11.84 ng/ml



#29 AR-1254-4

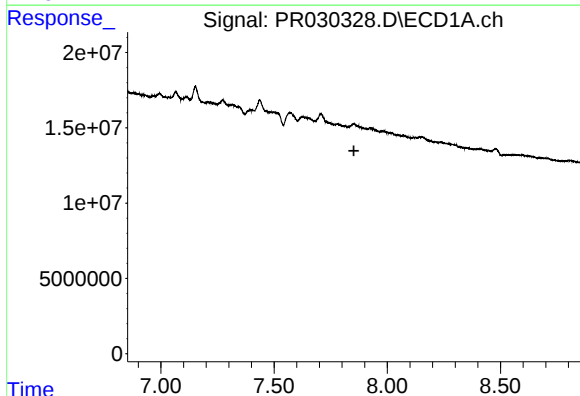
R.T.: 7.437 min
Delta R.T.: 0.002 min
Response: 7045088
Conc: 4.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



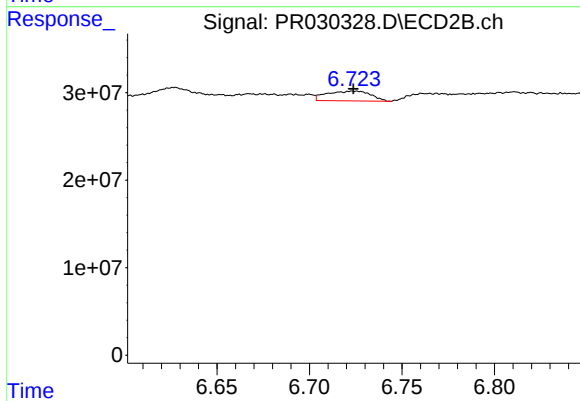
#29 AR-1254-4

R.T.: 6.316 min
Delta R.T.: 0.002 min
Response: 54232248
Conc: 19.78 ng/ml



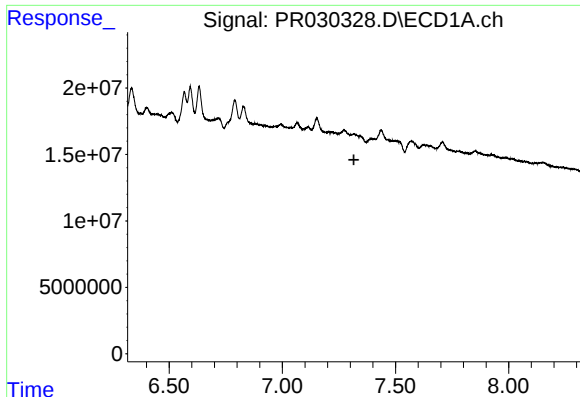
#30 AR-1254-5

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



#30 AR-1254-5

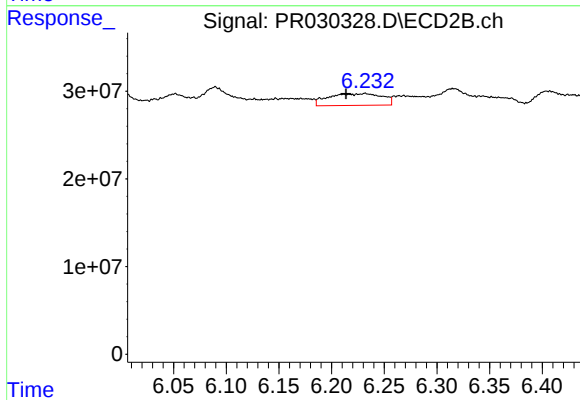
R.T.: 6.723 min
Delta R.T.: 0.000 min
Response: 18592913
Conc: 6.98 ng/ml



#31 AR-1260-1

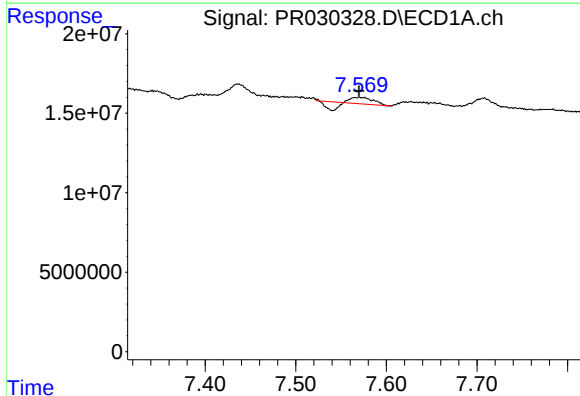
R.T.: 0.000 min
Exp R.T.: 7.316 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



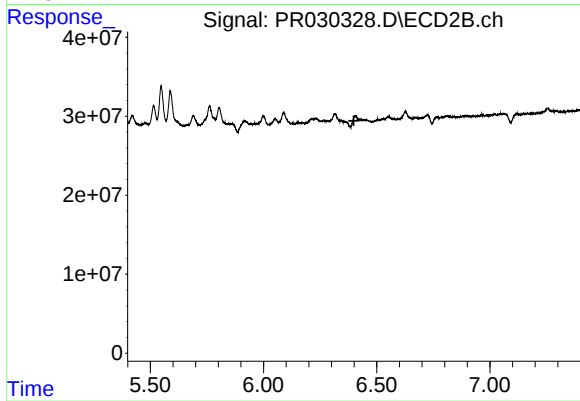
#31 AR-1260-1

R.T.: 6.232 min
Delta R.T.: 0.018 min
Response: 47769896
Conc: 19.15 ng/ml



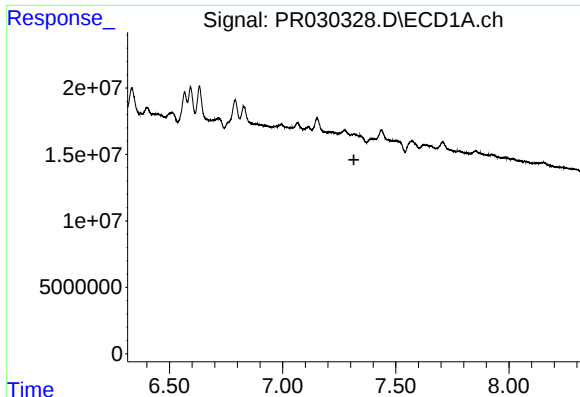
#32 AR-1260-2

R.T.: 7.570 min
Delta R.T.: 0.000 min
Response: 3580510
Conc: 1.81 ng/ml



#32 AR-1260-2

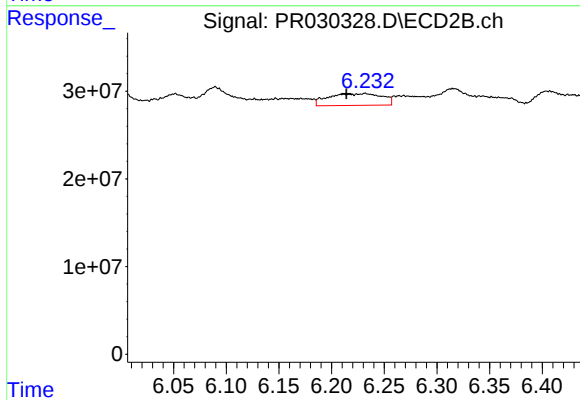
R.T.: 6.407 min
Delta R.T.: 0.008 min
Response: 29508702
Conc: N.D.



#36 AR-1262-1

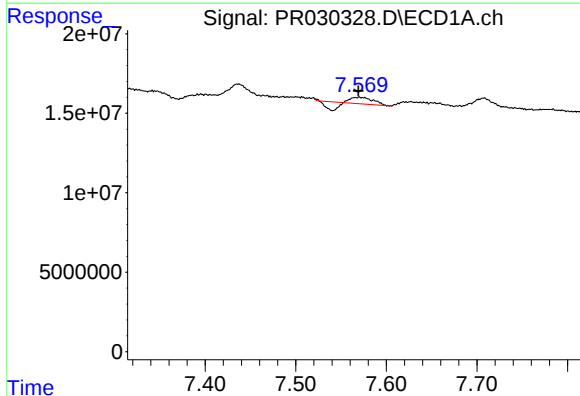
R.T.: 0.000 min
Exp R.T.: 7.315 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



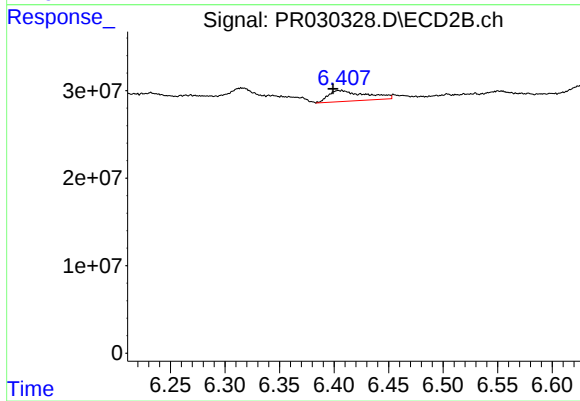
#36 AR-1262-1

R.T.: 6.232 min
Delta R.T.: 0.018 min
Response: 47769896
Conc: 23.44 ng/ml



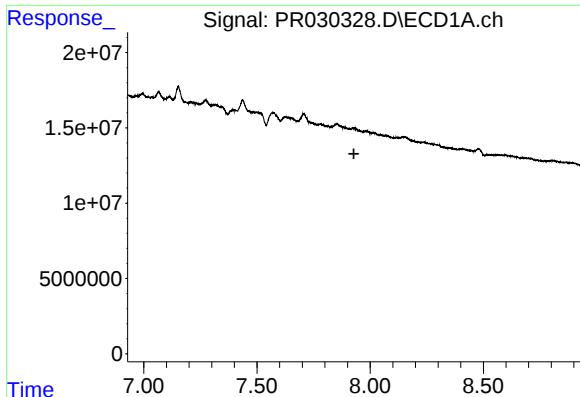
#37 AR-1262-2

R.T.: 7.570 min
Delta R.T.: 0.001 min
Response: 3580510
Conc: 2.32 ng/ml



#37 AR-1262-2

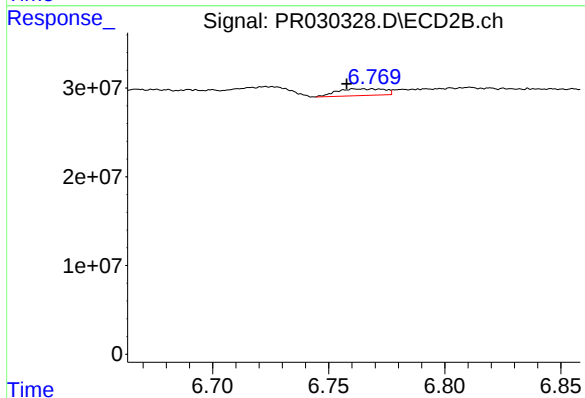
R.T.: 6.407 min
Delta R.T.: 0.008 min
Response: 29508702
Conc: 12.34 ng/ml



#38 AR-1262-3

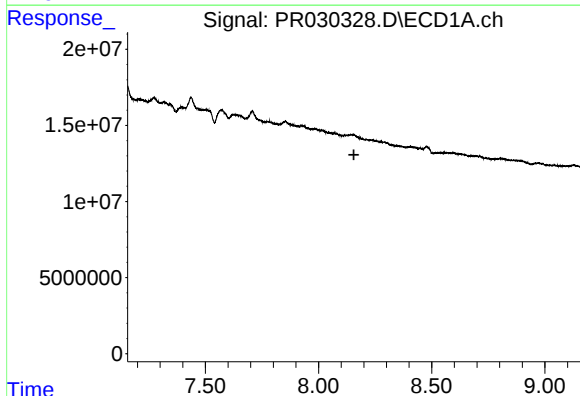
R.T.: 0.000 min
Exp R.T.: 7.928 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



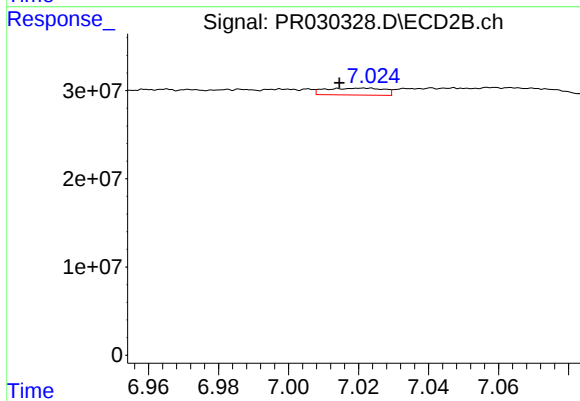
#38 AR-1262-3

R.T.: 6.762 min
Delta R.T.: 0.004 min
Response: 10619805
Conc: 3.59 ng/ml



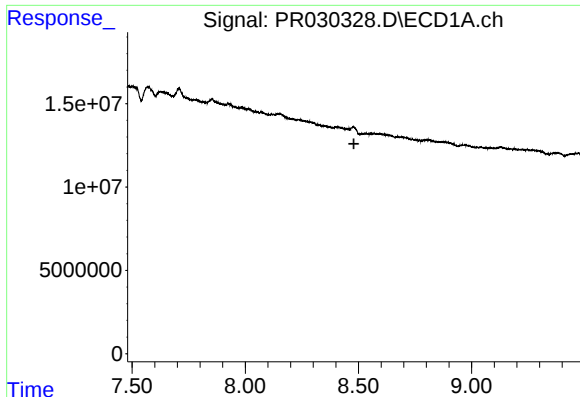
#39 AR-1262-4

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



#39 AR-1262-4

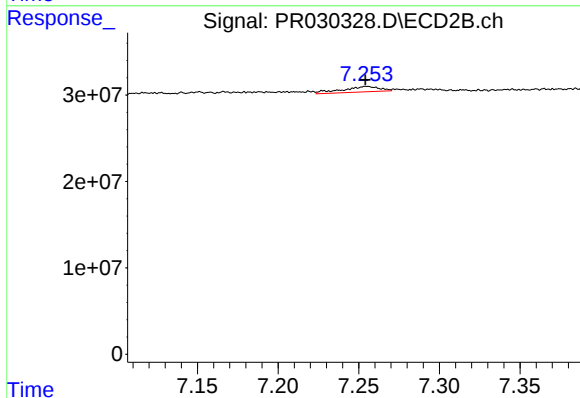
R.T.: 7.022 min
Delta R.T.: 0.007 min
Response: 9071987
Conc: 4.34 ng/ml



#40 AR-1262-5

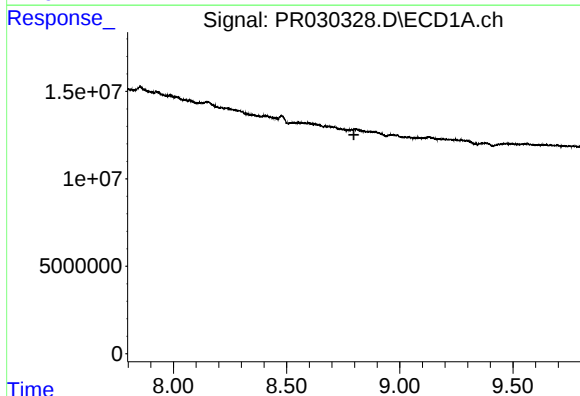
R.T.: 0.000 min
Exp R.T.: 8.480 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



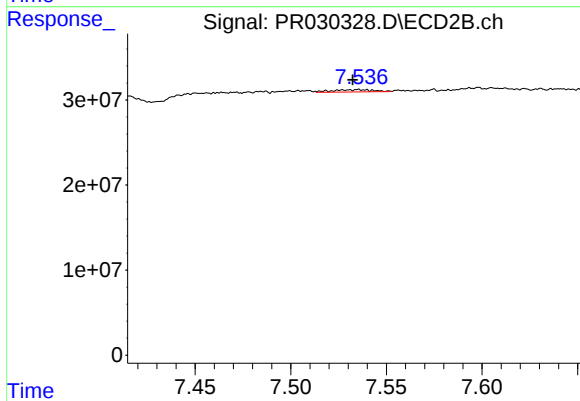
#40 AR-1262-5

R.T.: 7.255 min
Delta R.T.: 0.000 min
Response: 10262936
Conc: 2.59 ng/ml



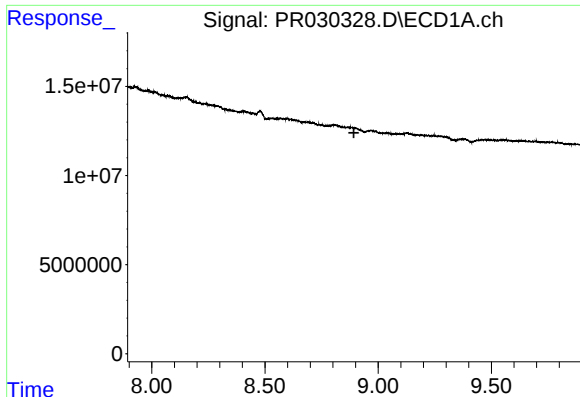
#41 AR-1268-1

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



#41 AR-1268-1

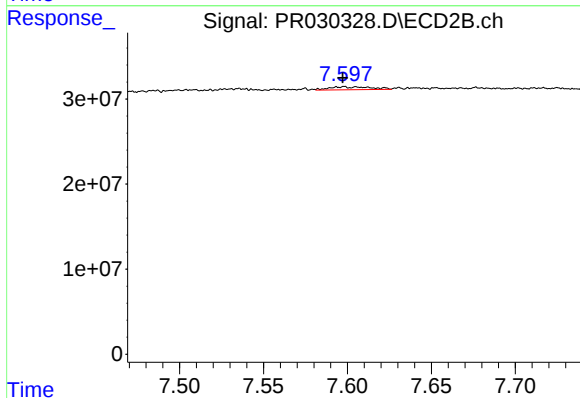
R.T.: 7.536 min
Delta R.T.: 0.003 min
Response: 3934020
Conc: 1.13 ng/ml



#42 AR-1268-2

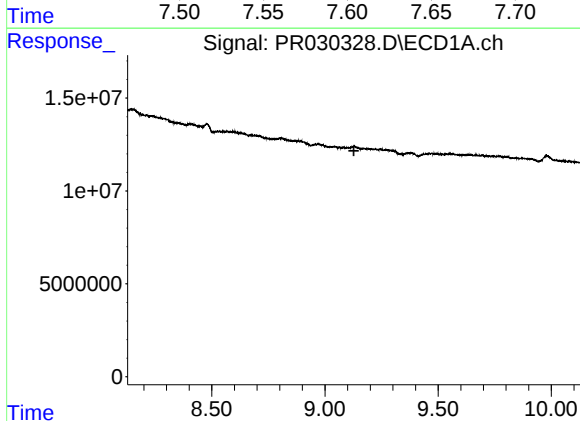
R.T.: 0.000 min
Exp R.T.: 8.893 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



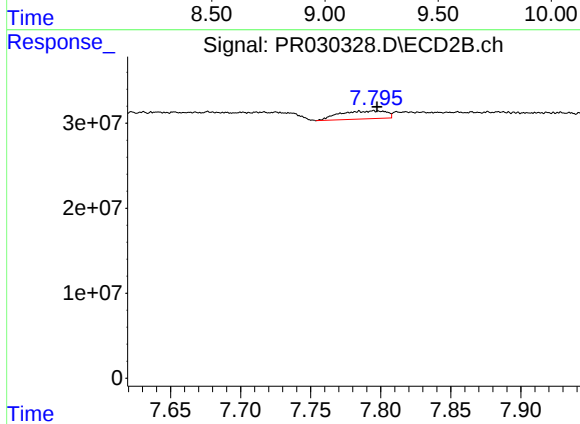
#42 AR-1268-2

R.T.: 7.598 min
Delta R.T.: 0.000 min
Response: 5881926
Conc: 1.97 ng/ml



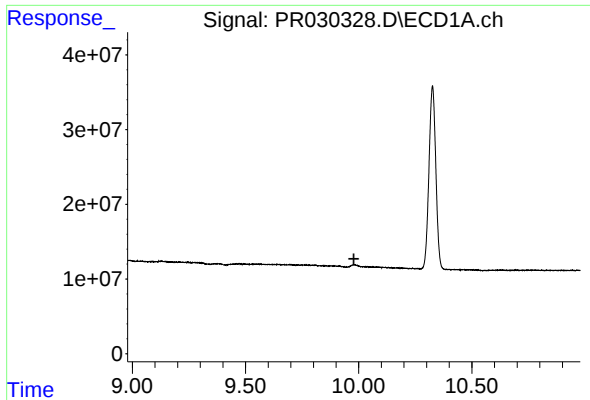
#43 AR-1268-3

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



#43 AR-1268-3

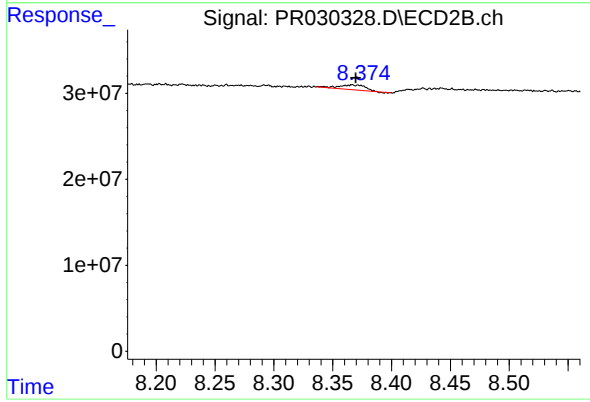
R.T.: 7.795 min
Delta R.T.: -0.002 min
Response: 21670803
Conc: 9.48 ng/ml



#45 AR-1268-5

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

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.366 min
Delta R.T.: -0.003 min
Response: 8546952
Conc: 1.63 ng/ml