

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR071618\
 Data File : PR030329.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2018 20:08
 Operator : MA/SM
 Sample : AR1242 LOD
 Misc : 25PPB LOD ECD_R SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 04:47:46 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	567.3E6	727.5E6	16.418	15.038
2)	SA Decachlor...	10.326	8.611	535.3E6	350.3E6	17.677	17.689
Target Compounds							
3)	L1 AR-1016-1	5.451	4.548	13221526	29659182	18.595	24.349 #
4)	L1 AR-1016-2	5.802	4.955	25412147	23616086	28.040	18.702 #
5)	L1 AR-1016-3	5.900	5.034	23163003	24437521	30.109	20.042 #
6)	L1 AR-1016-4	6.193	5.204	18062729	28117914	24.767	20.860
7)	L1 AR-1016-5	6.334	5.548	22646450	34761342	28.523	25.219
8)	L2 AR-1221-1	4.767	3.906	19943953	4785456	50.150	8.269 #
9)	L2 AR-1221-2	4.861	3.994	16118391	14420431	54.804	33.792 #
10)	L2 AR-1221-3	4.924	4.068	13874205	16785714	14.722	11.924
11)	L3 AR-1232-1	4.924	4.068	13874205	16785714	24.145	18.870
12)	L3 AR-1232-2	5.451	4.955	13221526	23616086	46.064	47.042
13)	L3 AR-1232-3	5.802	4.993	25412147	18390991	68.045	52.067
14)	L3 AR-1232-4	5.900	5.548	23163003	34761342	75.772	57.377
15)	L3 AR-1232-5	6.334	5.590	22646450	35609833	73.731	58.630
16)	L4 AR-1242-1	5.451	4.548	13221526	29659182	22.412	29.494 #
17)	L4 AR-1242-2	5.716	4.781	23958612	56025352	27.553	25.513
18)	L4 AR-1242-3	5.802	4.837	25412147	32097310	34.422	24.281 #
19)	L4 AR-1242-4	5.900	5.034	23163003	24437521	36.726	24.347 #
20)	L4 AR-1242-5	6.193	5.204	18062729	28117914	29.470	25.158
21)	L5 AR-1248-1	5.989	4.993	12551665	18390991	14.839	13.794
22)	L5 AR-1248-2	6.193	5.034	18062729	24437521	19.177	17.868
23)	L5 AR-1248-3	6.567	5.204	19112553	28117914	23.653	16.599 #
24)	L5 AR-1248-4	6.632	5.548	17301458	34761342	17.146	14.129
25)	L5 AR-1248-5	6.790	5.590	25096507	35609833	23.575	20.505
26)	L6 AR-1254-1	5.989	4.993	12551665	18390991	20.622	17.803
27)	L6 AR-1254-2	6.790	5.690	25096507	13313902	14.797	5.886 #
28)	L6 AR-1254-3	7.152	6.088	11579537	29782285	6.558	8.185
29)	L6 AR-1254-4	7.433	6.315	39107836	24057344	26.347	8.775 #
30)	L6 AR-1254-5	0.000	6.727	0	5667191	N.D.	2.127 #
31)	L7 AR-1260-1	0.000	6.231	0	28256386	N.D.	11.329 #
36)	L8 AR-1262-1	0.000	6.231	0	28256386	N.D.	13.866 #
37)	L8 AR-1262-2	7.571	6.406	10963931	10271624	7.090	4.296 #
38)	L8 AR-1262-3	0.000	6.781	0	4015436	N.D.	1.359 #
39)	L8 AR-1262-4	0.000	7.002	0	1409226	N.D.	0.674 #
40)	L8 AR-1262-5	0.000	7.258	0	193817	N.D.	0.049 #
41)	L9 AR-1268-1	0.000	7.541	0	2537117	N.D.	0.728 #
42)	L9 AR-1268-2	0.000	7.617	0	2562396	N.D.	0.858 #
43)	L9 AR-1268-3	0.000	7.797	0	5924966	N.D.	2.591 #
44)	L9 AR-1268-4	0.000	8.085	0	396767	N.D.	0.418 #
45)	L9 AR-1268-5	0.000	8.367	0	4437249	N.D.	0.848 #

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ClientSampleId :

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Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 17 04:28:56 2018
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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

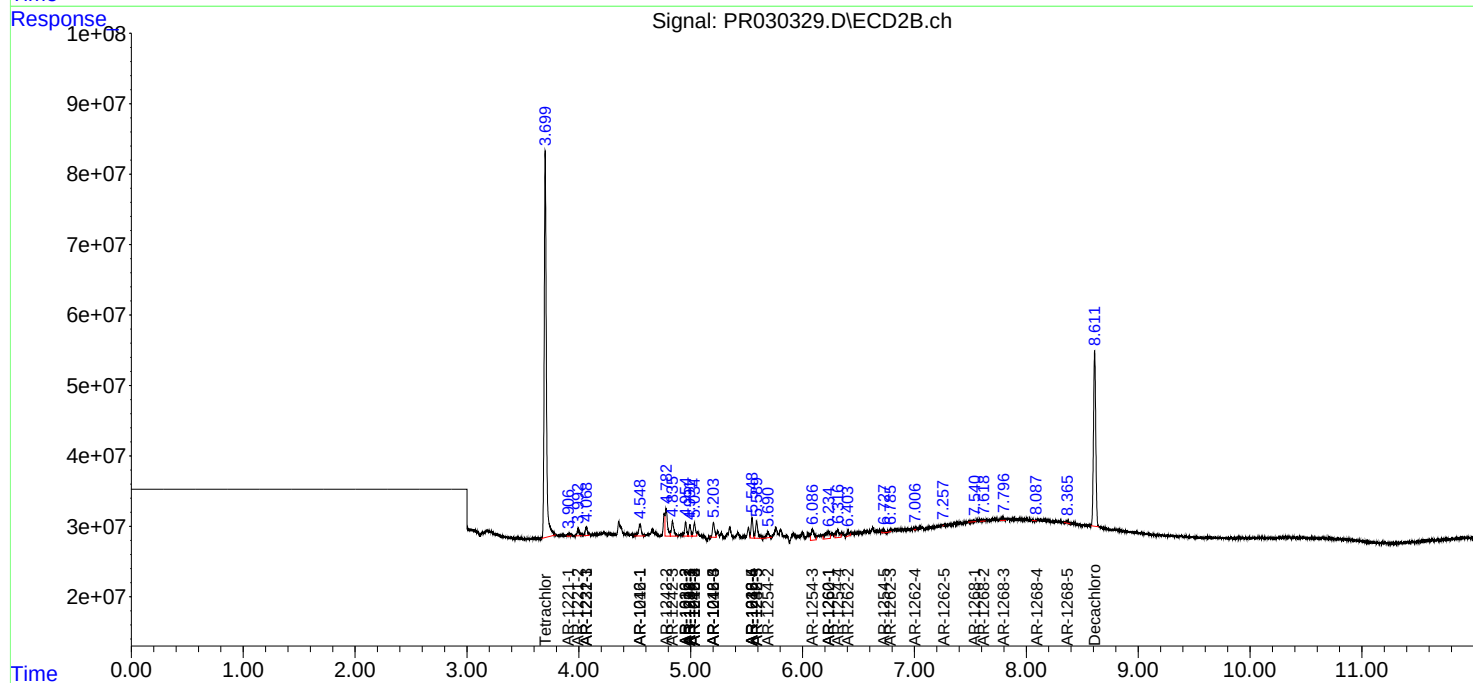
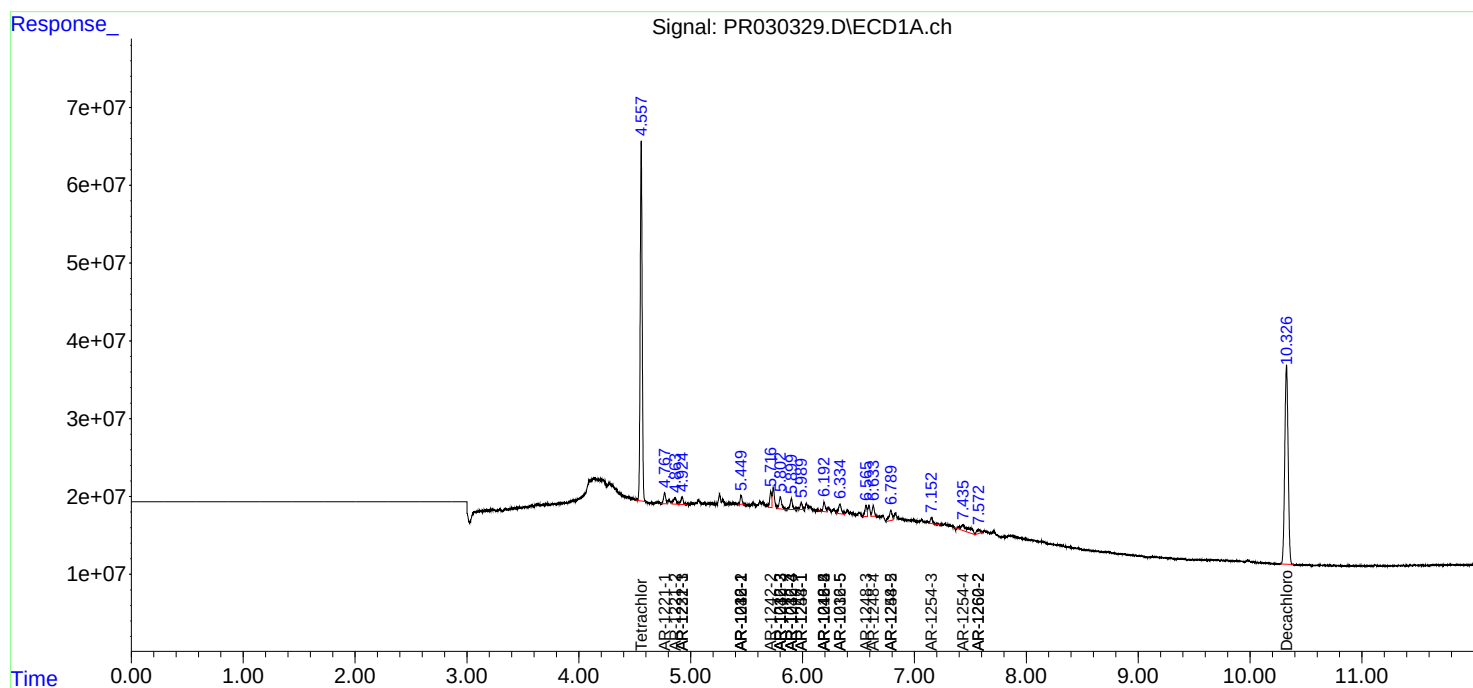
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

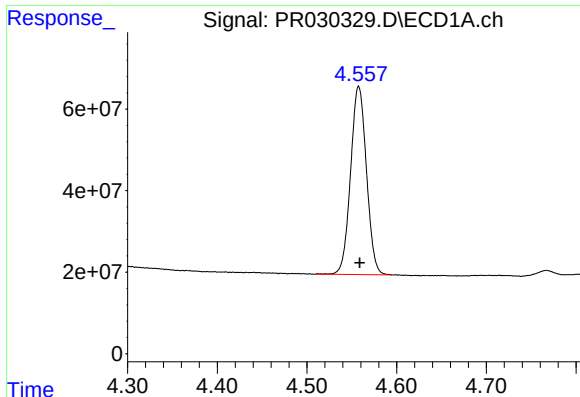
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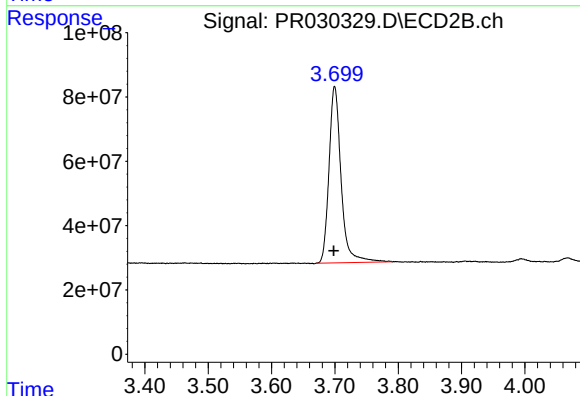




#1 Tetrachloro-m-xylene

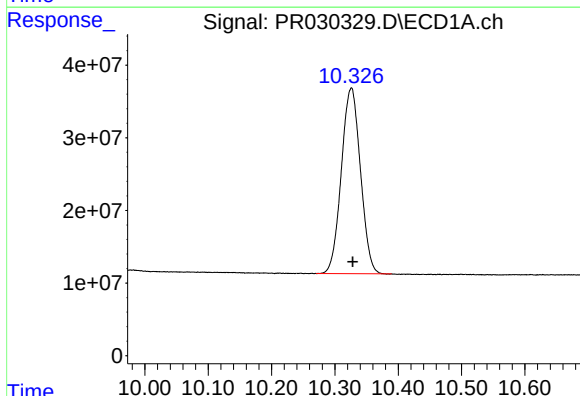
R.T.: 4.558 min
Delta R.T.: -0.001 min
Response: 567349176
Conc: 16.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



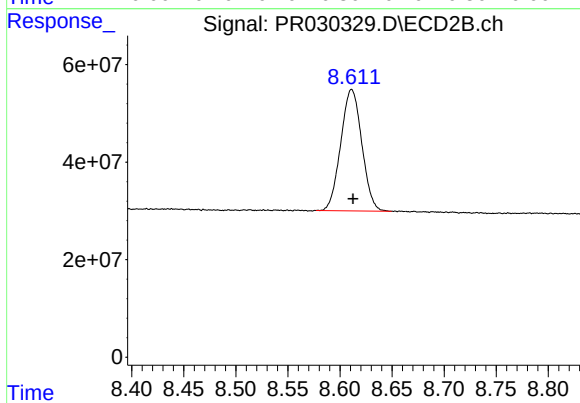
#1 Tetrachloro-m-xylene

R.T.: 3.700 min
Delta R.T.: 0.002 min
Response: 727494232
Conc: 15.04 ng/ml



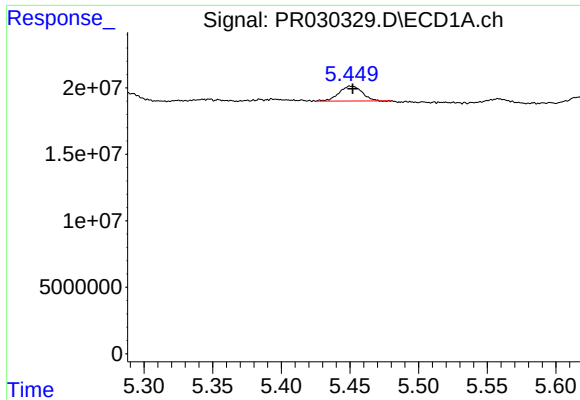
#2 Decachlorobiphenyl

R.T.: 10.326 min
Delta R.T.: -0.002 min
Response: 535252116
Conc: 17.68 ng/ml



#2 Decachlorobiphenyl

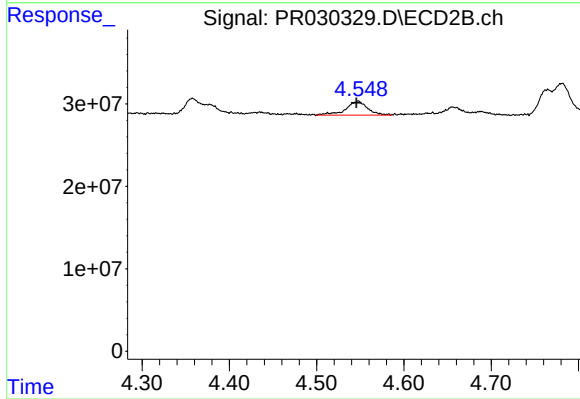
R.T.: 8.611 min
Delta R.T.: -0.001 min
Response: 350340531
Conc: 17.69 ng/ml



#3 AR-1016-1

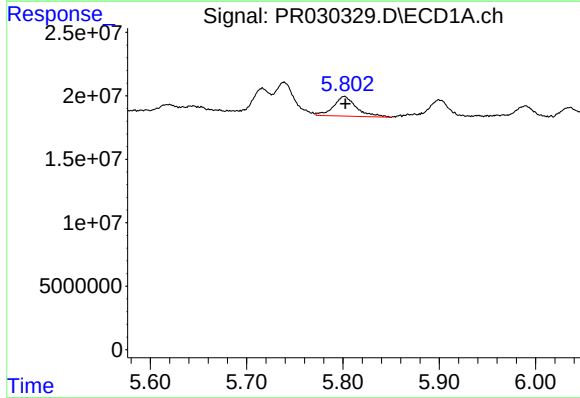
R.T.: 5.451 min
Delta R.T.: 0.000 min
Response: 13221526
Conc: 18.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



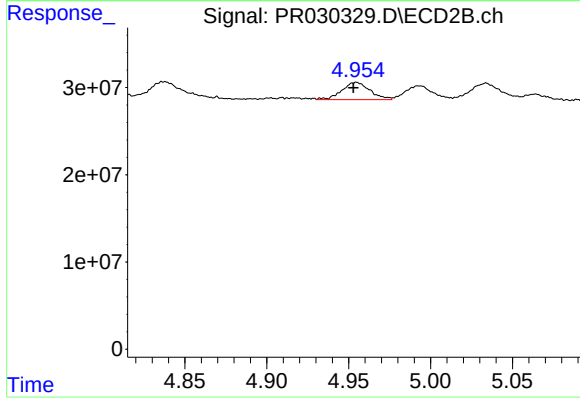
#3 AR-1016-1

R.T.: 4.548 min
Delta R.T.: 0.002 min
Response: 29659182
Conc: 24.35 ng/ml



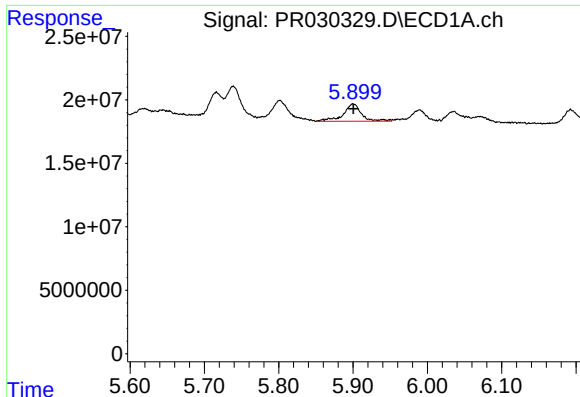
#4 AR-1016-2

R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 25412147
Conc: 28.04 ng/ml



#4 AR-1016-2

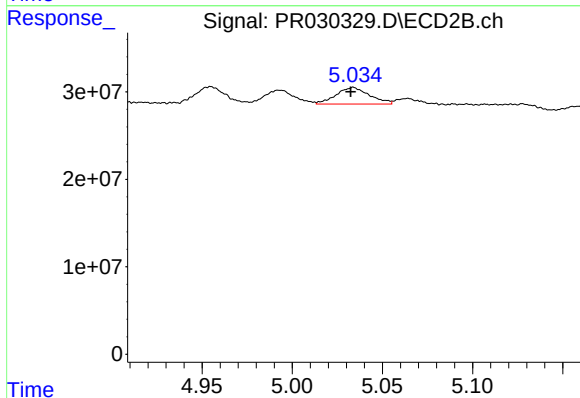
R.T.: 4.955 min
Delta R.T.: 0.002 min
Response: 23616086
Conc: 18.70 ng/ml



#5 AR-1016-3

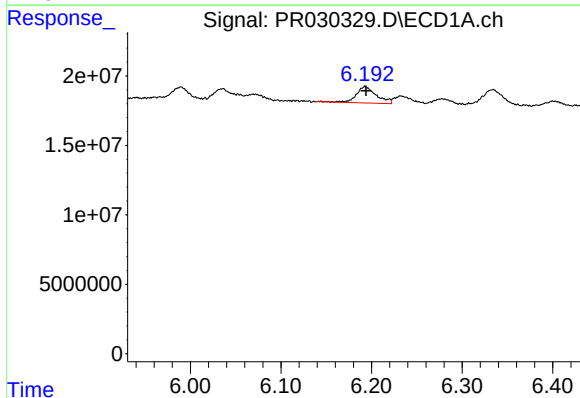
R.T.: 5.900 min
Delta R.T.: 0.000 min
Response: 23163003
Conc: 30.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



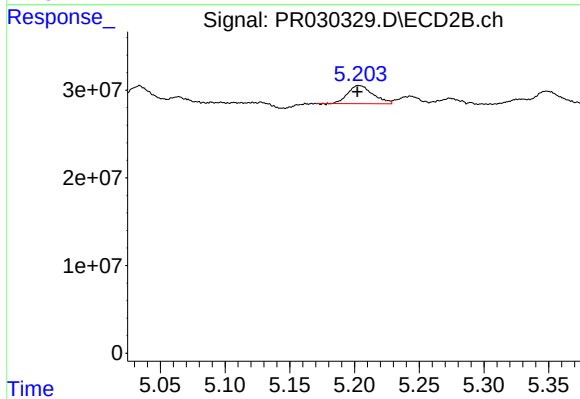
#5 AR-1016-3

R.T.: 5.034 min
Delta R.T.: 0.001 min
Response: 24437521
Conc: 20.04 ng/ml



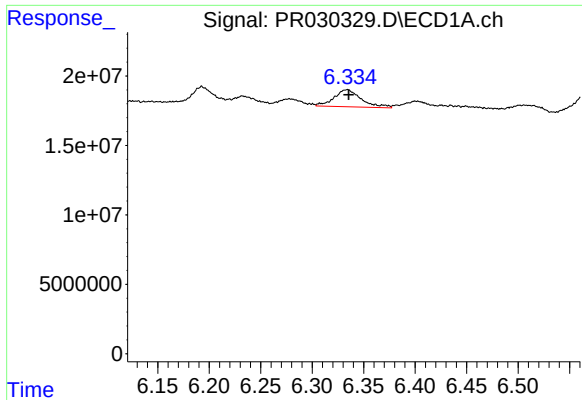
#6 AR-1016-4

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 18062729
Conc: 24.77 ng/ml



#6 AR-1016-4

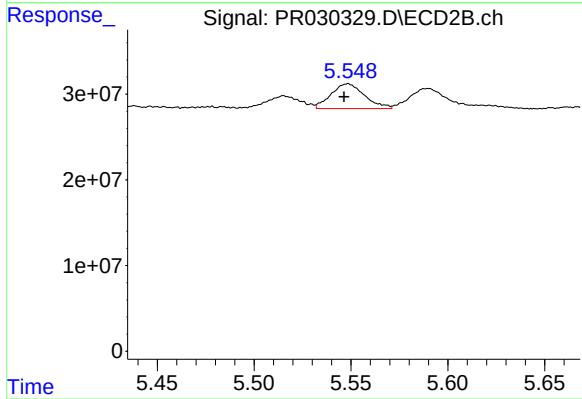
R.T.: 5.204 min
Delta R.T.: 0.001 min
Response: 28117914
Conc: 20.86 ng/ml



#7 AR-1016-5

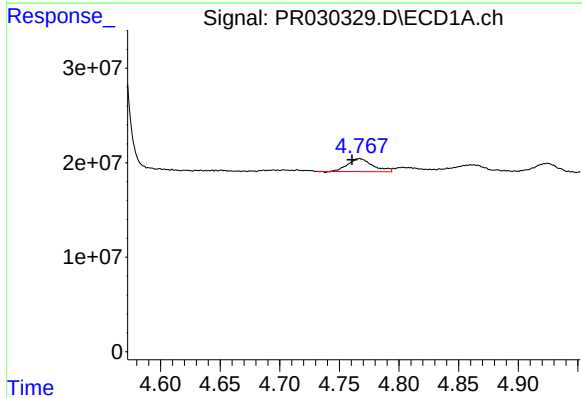
R.T.: 6.334 min
Delta R.T.: -0.002 min
Response: 22646450
Conc: 28.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



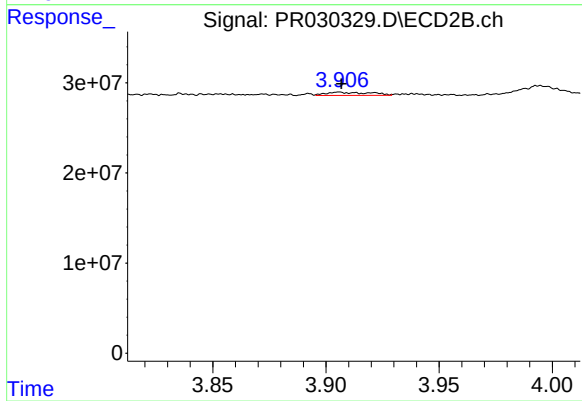
#7 AR-1016-5

R.T.: 5.548 min
Delta R.T.: 0.002 min
Response: 34761342
Conc: 25.22 ng/ml



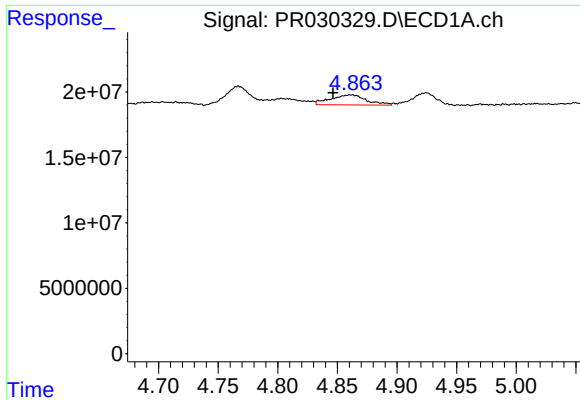
#8 AR-1221-1

R.T.: 4.767 min
Delta R.T.: 0.006 min
Response: 19943953
Conc: 50.15 ng/ml



#8 AR-1221-1

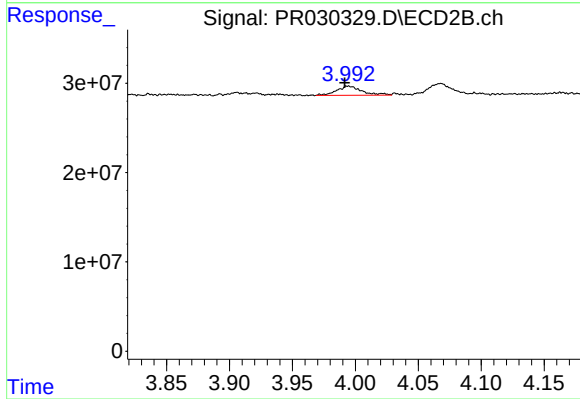
R.T.: 3.906 min
Delta R.T.: -0.001 min
Response: 4785456
Conc: 8.27 ng/ml



#9 AR-1221-2

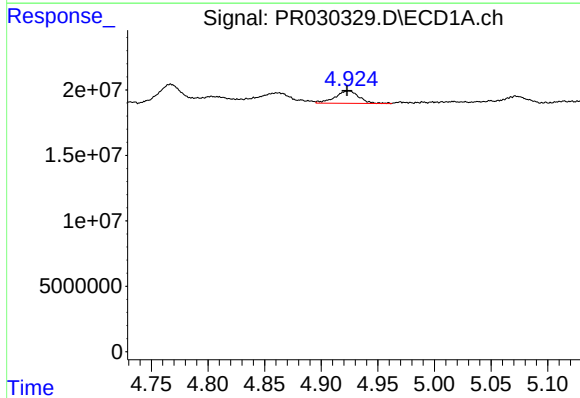
R.T.: 4.861 min
Delta R.T.: 0.015 min
Response: 16118391
Conc: 54.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



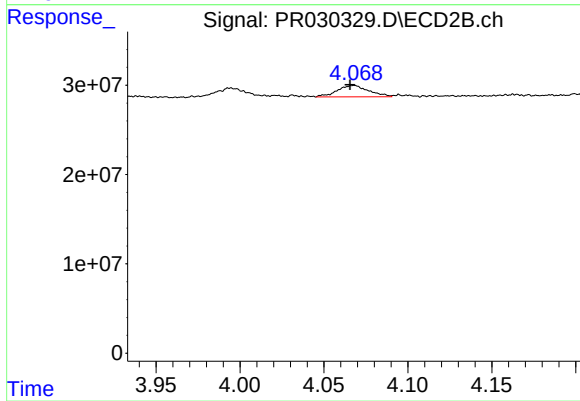
#9 AR-1221-2

R.T.: 3.994 min
Delta R.T.: 0.003 min
Response: 14420431
Conc: 33.79 ng/ml



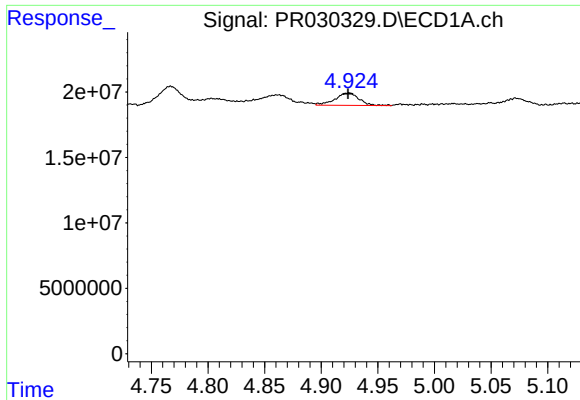
#10 AR-1221-3

R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 13874205
Conc: 14.72 ng/ml



#10 AR-1221-3

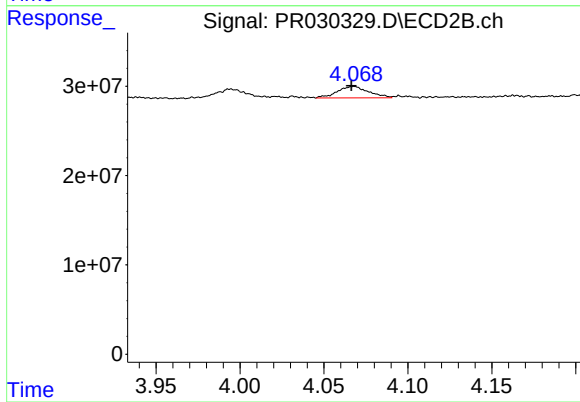
R.T.: 4.068 min
Delta R.T.: 0.002 min
Response: 16785714
Conc: 11.92 ng/ml



#11 AR-1232-1

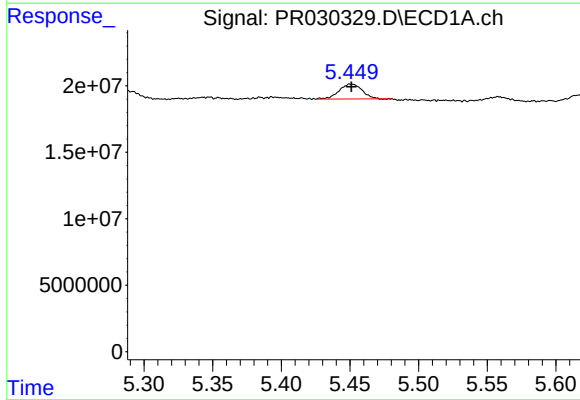
R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 13874205
Conc: 24.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



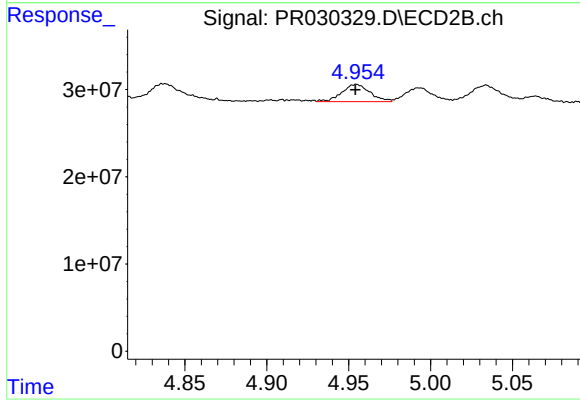
#11 AR-1232-1

R.T.: 4.068 min
Delta R.T.: 0.001 min
Response: 16785714
Conc: 18.87 ng/ml



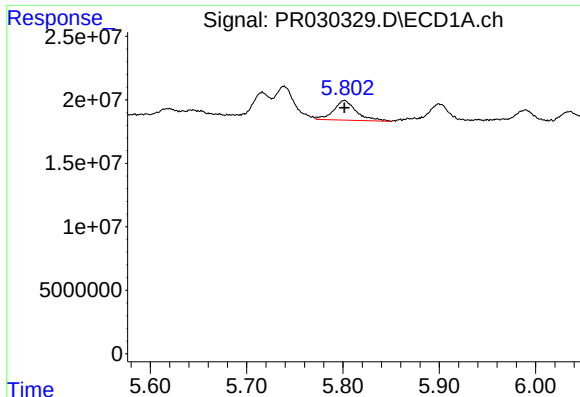
#12 AR-1232-2

R.T.: 5.451 min
Delta R.T.: 0.000 min
Response: 13221526
Conc: 46.06 ng/ml



#12 AR-1232-2

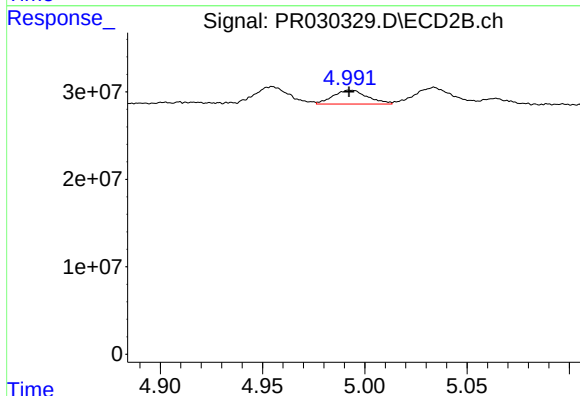
R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 23616086
Conc: 47.04 ng/ml



#13 AR-1232-3

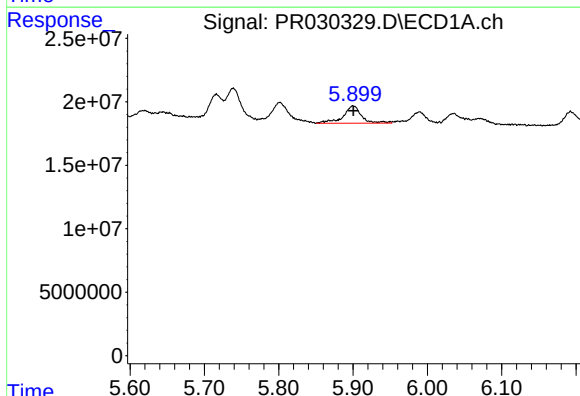
R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 25412147
Conc: 68.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



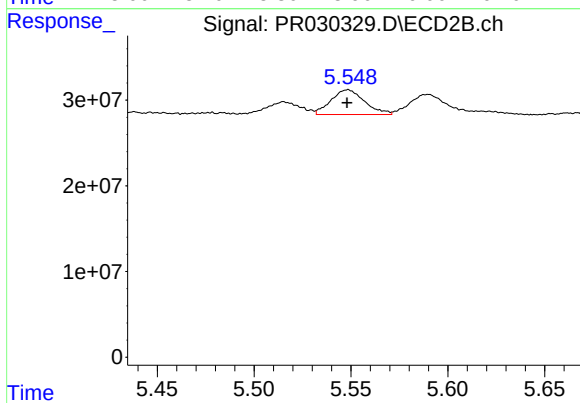
#13 AR-1232-3

R.T.: 4.993 min
Delta R.T.: 0.000 min
Response: 18390991
Conc: 52.07 ng/ml



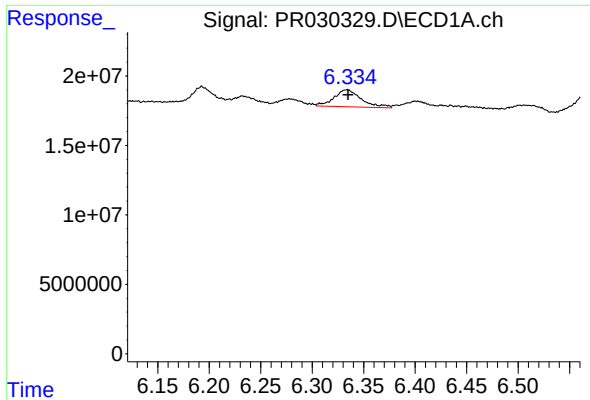
#14 AR-1232-4

R.T.: 5.900 min
Delta R.T.: 0.000 min
Response: 23163003
Conc: 75.77 ng/ml



#14 AR-1232-4

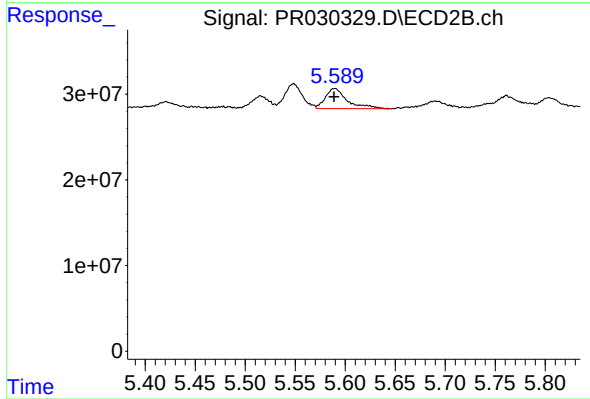
R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 34761342
Conc: 57.38 ng/ml



#15 AR-1232-5

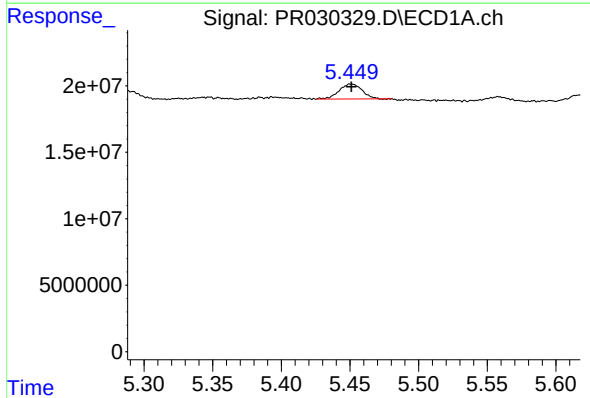
R.T.: 6.334 min
Delta R.T.: -0.001 min
Response: 22646450
Conc: 73.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



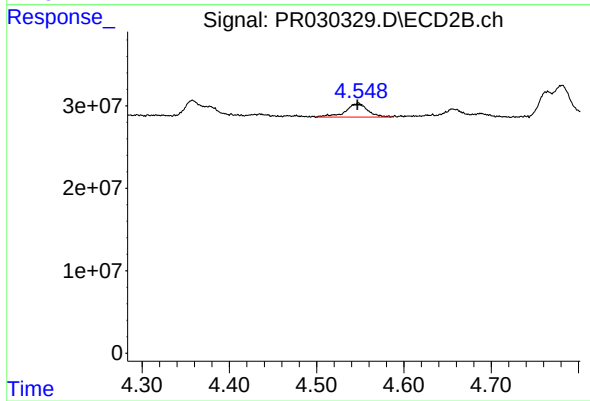
#15 AR-1232-5

R.T.: 5.590 min
Delta R.T.: 0.000 min
Response: 35609833
Conc: 58.63 ng/ml



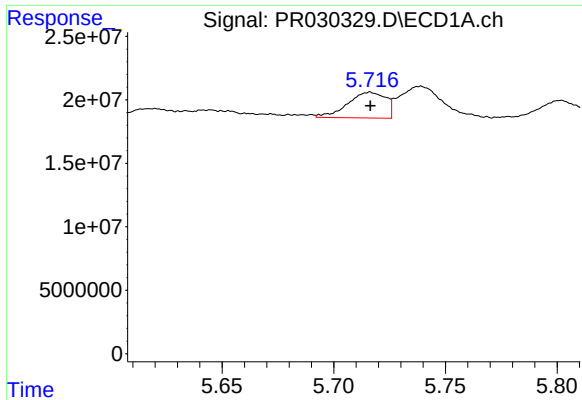
#16 AR-1242-1

R.T.: 5.451 min
Delta R.T.: 0.000 min
Response: 13221526
Conc: 22.41 ng/ml



#16 AR-1242-1

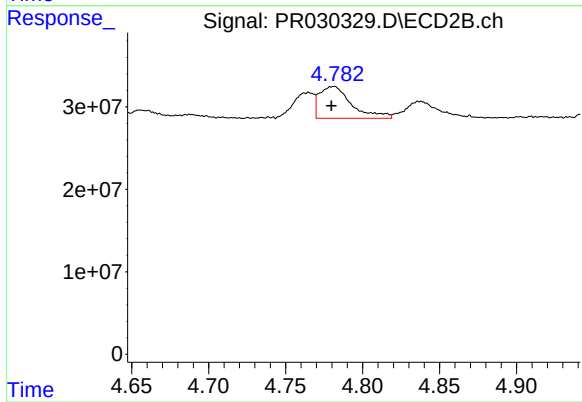
R.T.: 4.548 min
Delta R.T.: 0.001 min
Response: 29659182
Conc: 29.49 ng/ml



#17 AR-1242-2

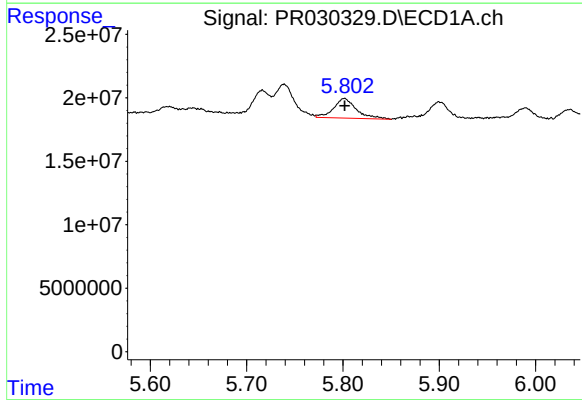
R.T.: 5.716 min
Delta R.T.: 0.000 min
Response: 23958612
Conc: 27.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



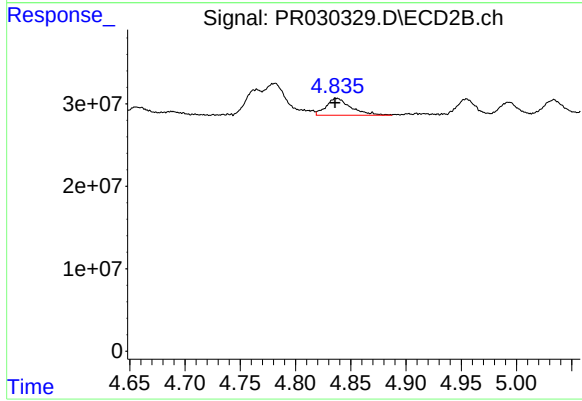
#17 AR-1242-2

R.T.: 4.781 min
Delta R.T.: 0.001 min
Response: 56025352
Conc: 25.51 ng/ml



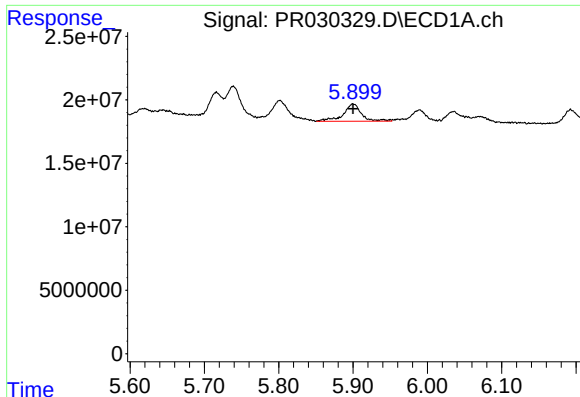
#18 AR-1242-3

R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 25412147
Conc: 34.42 ng/ml



#18 AR-1242-3

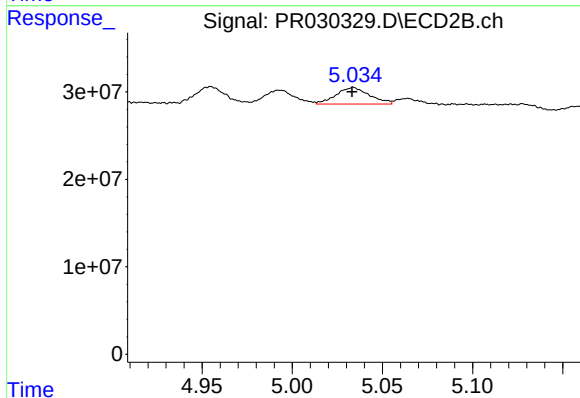
R.T.: 4.837 min
Delta R.T.: 0.001 min
Response: 32097310
Conc: 24.28 ng/ml



#19 AR-1242-4

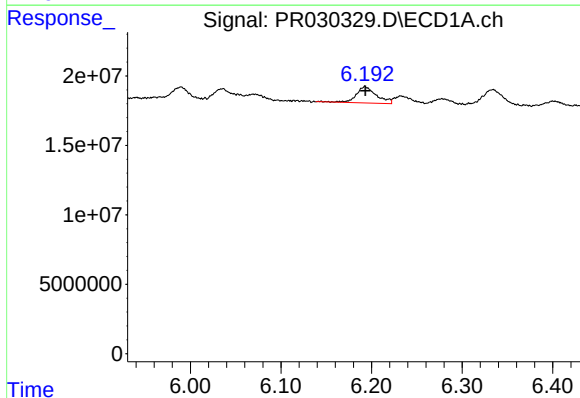
R.T.: 5.900 min
Delta R.T.: 0.000 min
Response: 23163003
Conc: 36.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



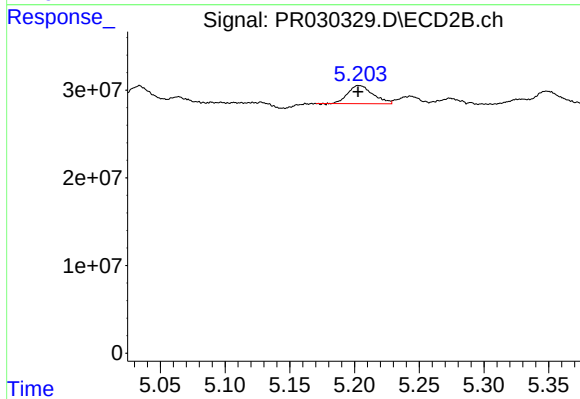
#19 AR-1242-4

R.T.: 5.034 min
Delta R.T.: 0.000 min
Response: 24437521
Conc: 24.35 ng/ml



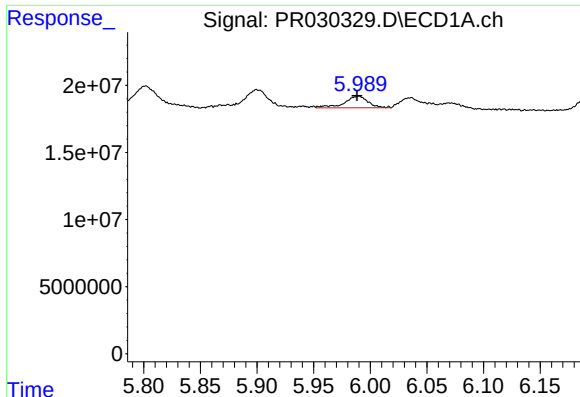
#20 AR-1242-5

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 18062729
Conc: 29.47 ng/ml



#20 AR-1242-5

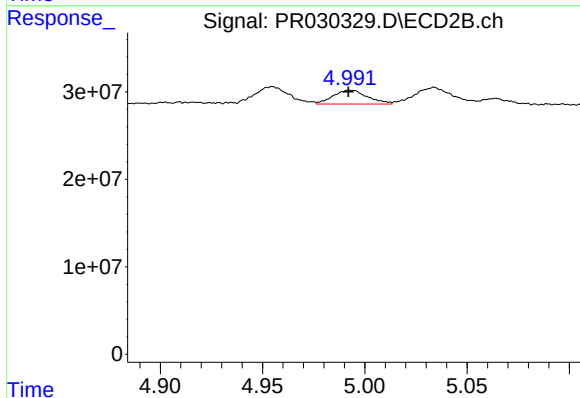
R.T.: 5.204 min
Delta R.T.: 0.000 min
Response: 28117914
Conc: 25.16 ng/ml



#21 AR-1248-1

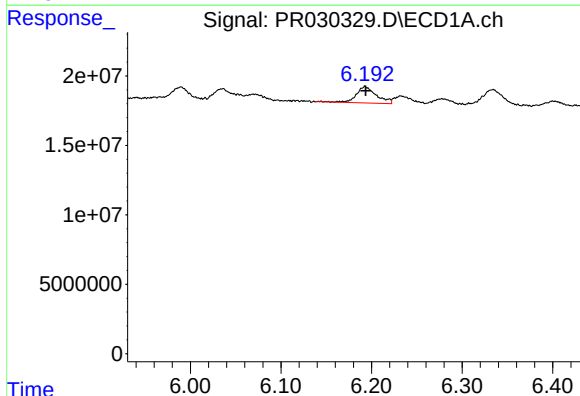
R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 12551665
Conc: 14.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



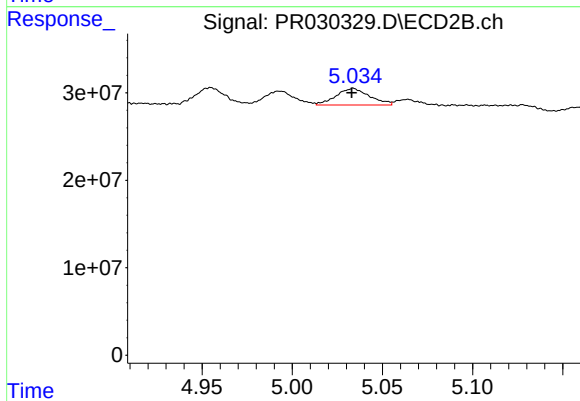
#21 AR-1248-1

R.T.: 4.993 min
Delta R.T.: 0.001 min
Response: 18390991
Conc: 13.79 ng/ml



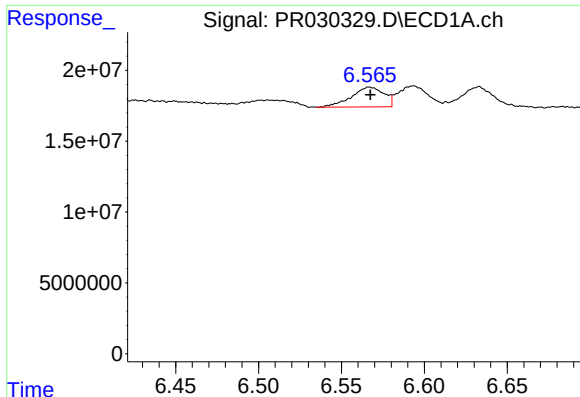
#22 AR-1248-2

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 18062729
Conc: 19.18 ng/ml



#22 AR-1248-2

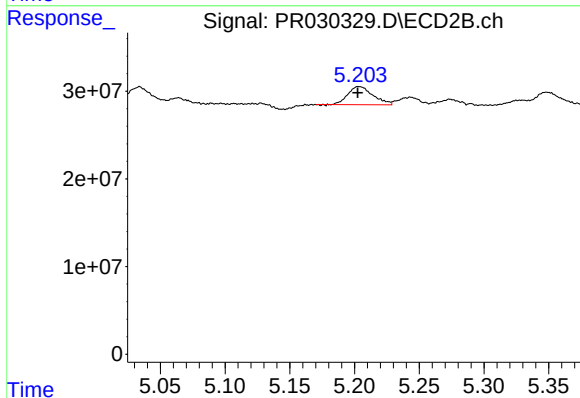
R.T.: 5.034 min
Delta R.T.: 0.000 min
Response: 24437521
Conc: 17.87 ng/ml



#23 AR-1248-3

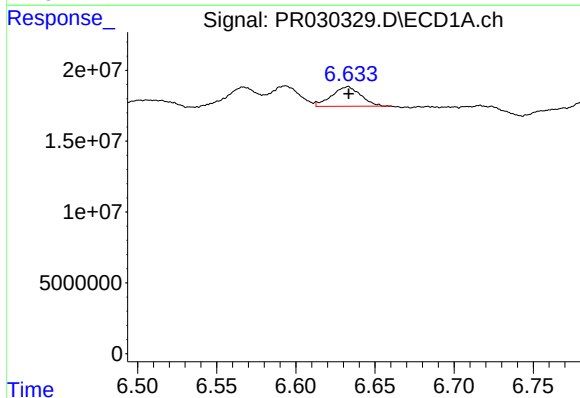
R.T.: 6.567 min
Delta R.T.: 0.000 min
Response: 19112553
Conc: 23.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



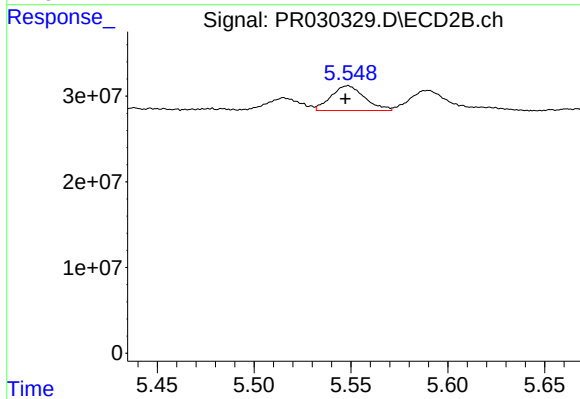
#23 AR-1248-3

R.T.: 5.204 min
Delta R.T.: 0.001 min
Response: 28117914
Conc: 16.60 ng/ml



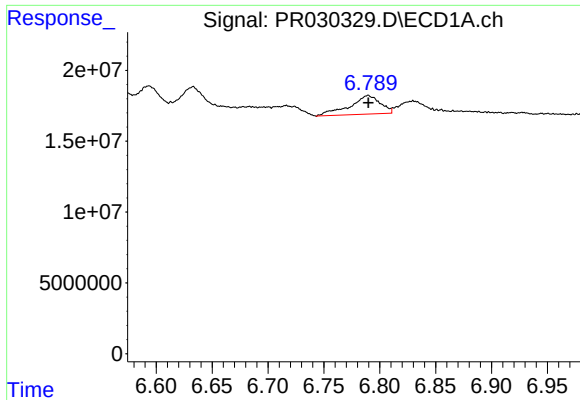
#24 AR-1248-4

R.T.: 6.632 min
Delta R.T.: 0.000 min
Response: 17301458
Conc: 17.15 ng/ml



#24 AR-1248-4

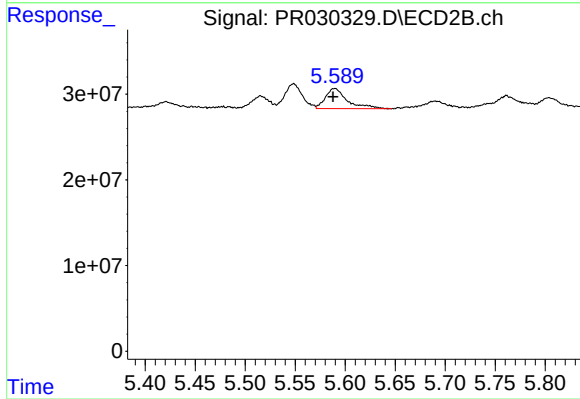
R.T.: 5.548 min
Delta R.T.: 0.001 min
Response: 34761342
Conc: 14.13 ng/ml



#25 AR-1248-5

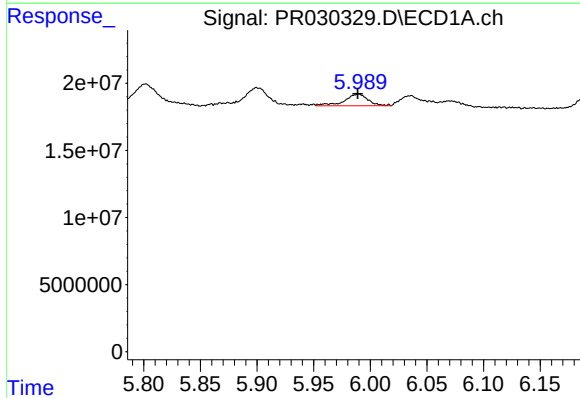
R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 25096507
Conc: 23.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



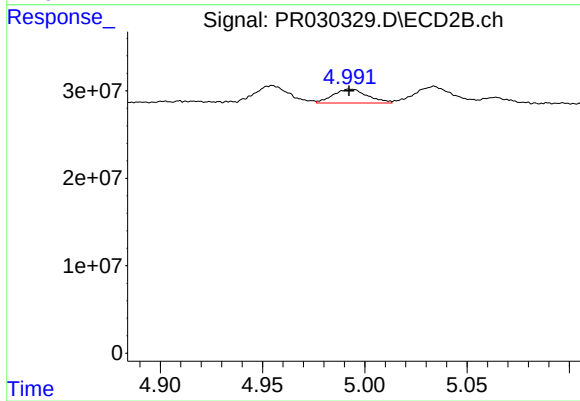
#25 AR-1248-5

R.T.: 5.590 min
Delta R.T.: 0.002 min
Response: 35609833
Conc: 20.51 ng/ml



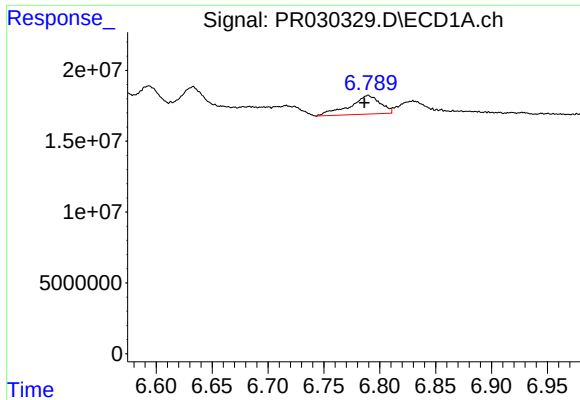
#26 AR-1254-1

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 12551665
Conc: 20.62 ng/ml



#26 AR-1254-1

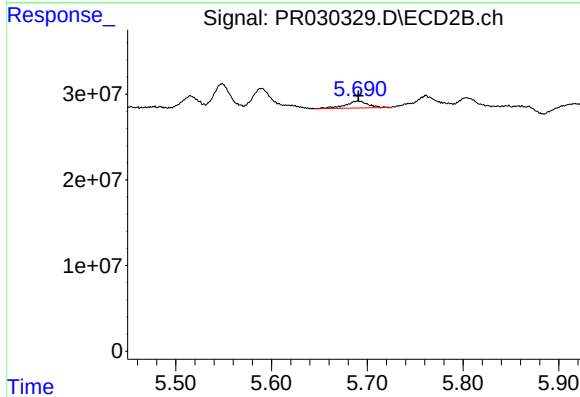
R.T.: 4.993 min
Delta R.T.: 0.000 min
Response: 18390991
Conc: 17.80 ng/ml



#27 AR-1254-2

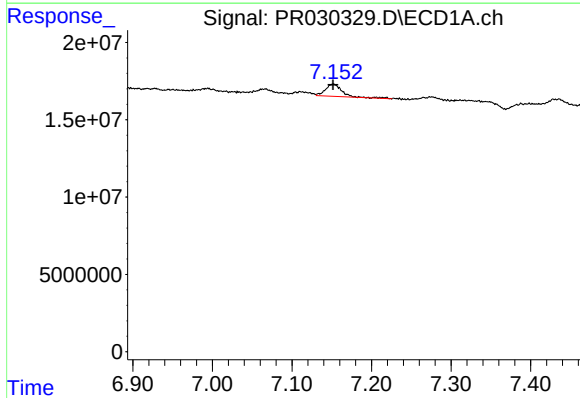
R.T.: 6.790 min
Delta R.T.: 0.004 min
Response: 25096507
Conc: 14.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



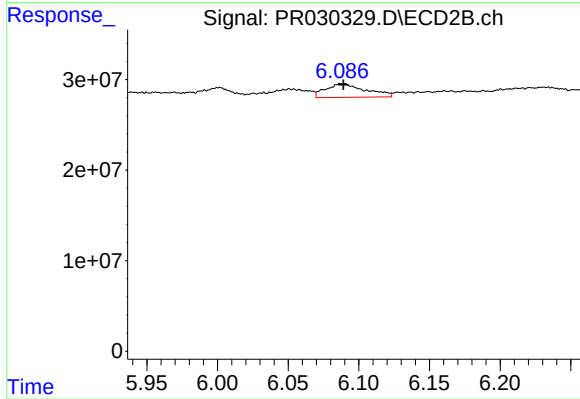
#27 AR-1254-2

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 13313902
Conc: 5.89 ng/ml



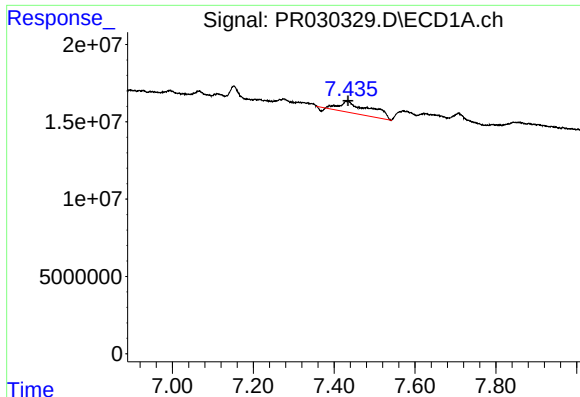
#28 AR-1254-3

R.T.: 7.152 min
Delta R.T.: 0.000 min
Response: 11579537
Conc: 6.56 ng/ml



#28 AR-1254-3

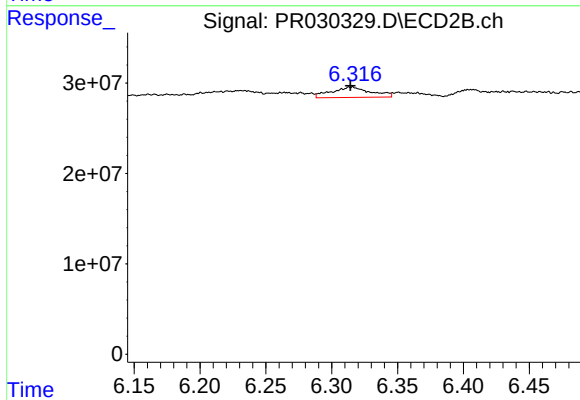
R.T.: 6.088 min
Delta R.T.: -0.001 min
Response: 29782285
Conc: 8.19 ng/ml



#29 AR-1254-4

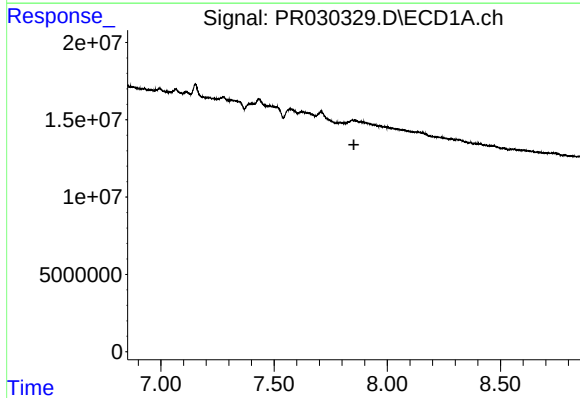
R.T.: 7.433 min
Delta R.T.: -0.002 min
Response: 39107836
Conc: 26.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



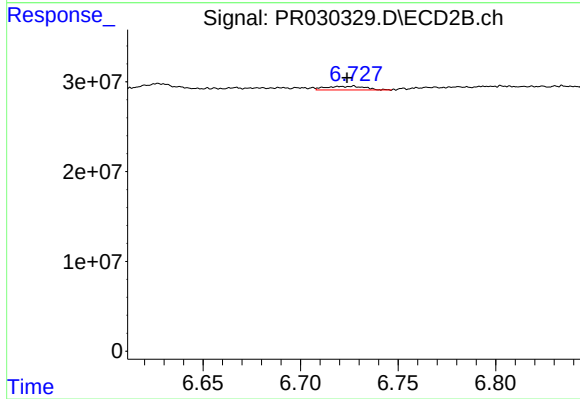
#29 AR-1254-4

R.T.: 6.315 min
Delta R.T.: 0.000 min
Response: 24057344
Conc: 8.78 ng/ml



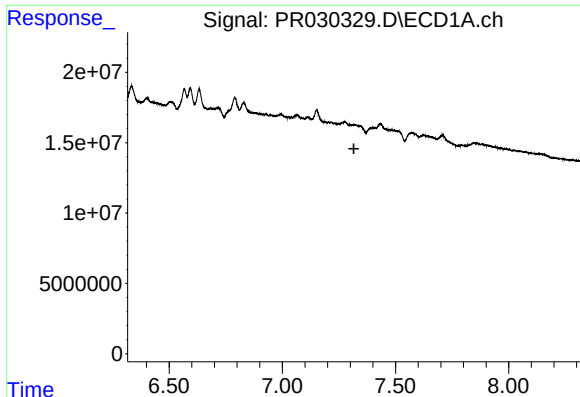
#30 AR-1254-5

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



#30 AR-1254-5

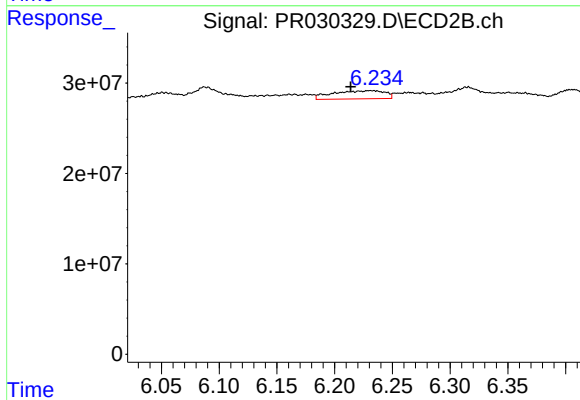
R.T.: 6.727 min
Delta R.T.: 0.003 min
Response: 5667191
Conc: 2.13 ng/ml



#31 AR-1260-1

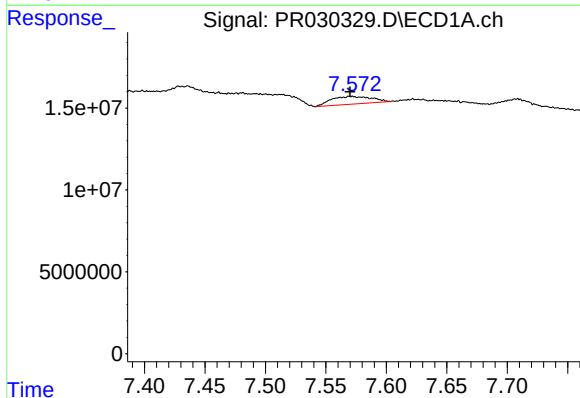
R.T.: 0.000 min
Exp R.T.: 7.316 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



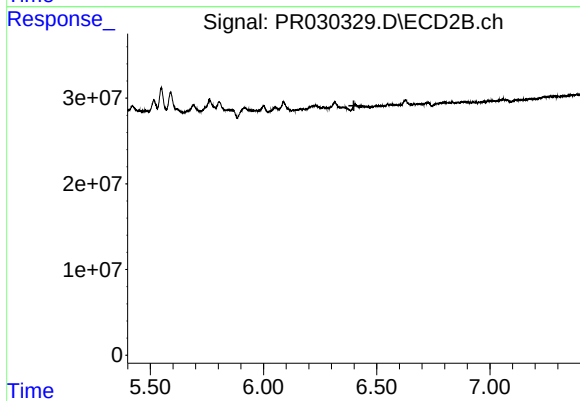
#31 AR-1260-1

R.T.: 6.231 min
Delta R.T.: 0.017 min
Response: 28256386
Conc: 11.33 ng/ml



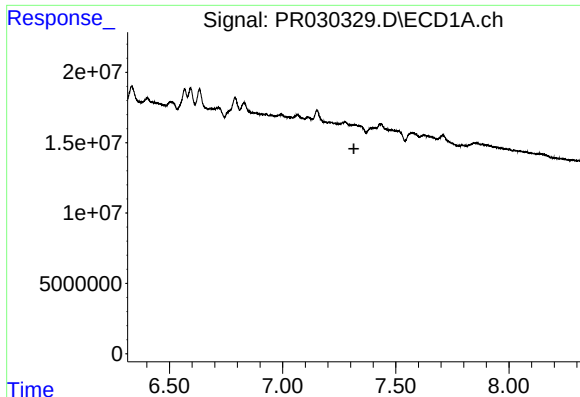
#32 AR-1260-2

R.T.: 7.571 min
Delta R.T.: 0.001 min
Response: 10963931
Conc: 5.53 ng/ml



#32 AR-1260-2

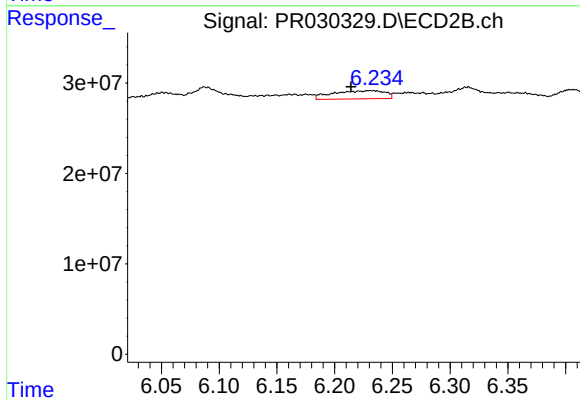
R.T.: 6.406 min
Delta R.T.: 0.006 min
Response: 10271624
Conc: N.D.



#36 AR-1262-1

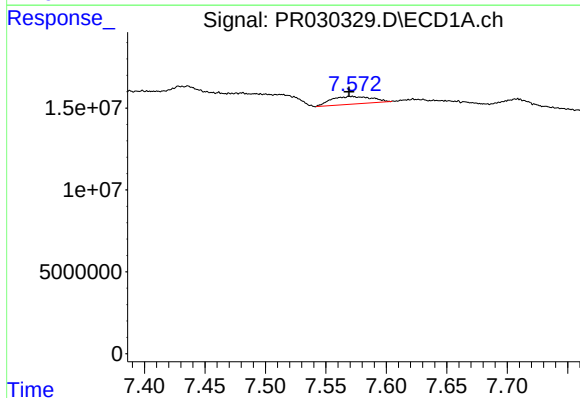
R.T.: 0.000 min
Exp R.T.: 7.315 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



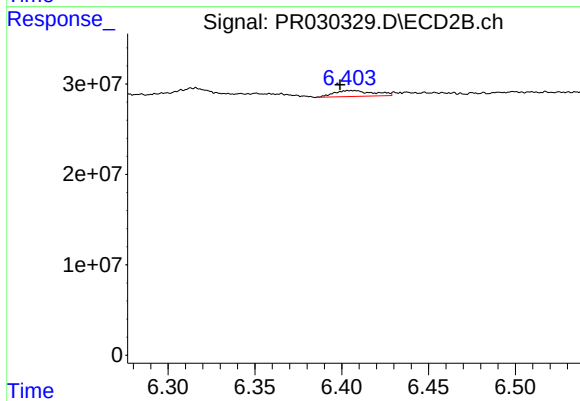
#36 AR-1262-1

R.T.: 6.231 min
Delta R.T.: 0.017 min
Response: 28256386
Conc: 13.87 ng/ml



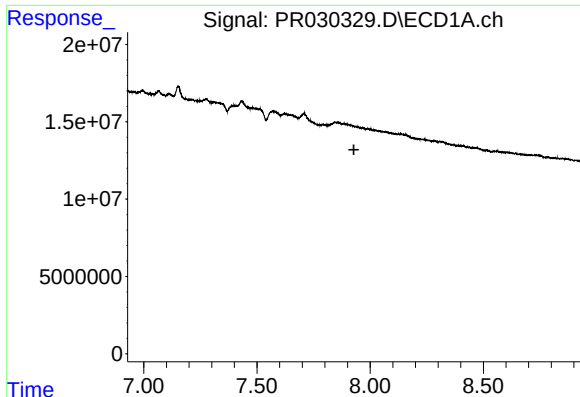
#37 AR-1262-2

R.T.: 7.571 min
Delta R.T.: 0.002 min
Response: 10963931
Conc: 7.09 ng/ml



#37 AR-1262-2

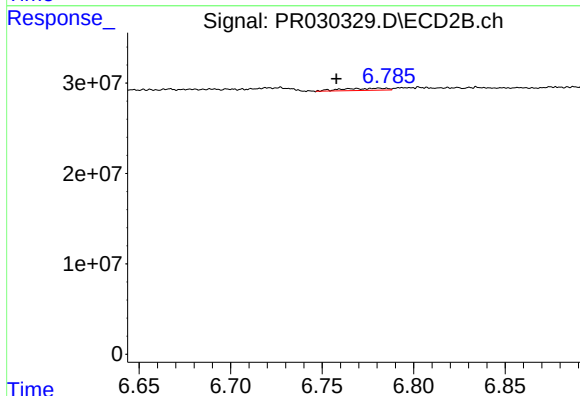
R.T.: 6.406 min
Delta R.T.: 0.007 min
Response: 10271624
Conc: 4.30 ng/ml



#38 AR-1262-3

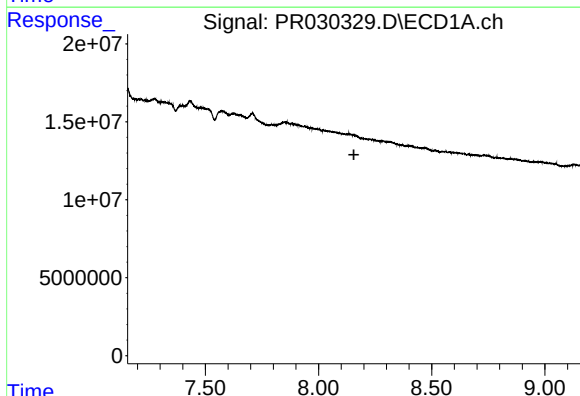
R.T.: 0.000 min
Exp R.T. : 7.928 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



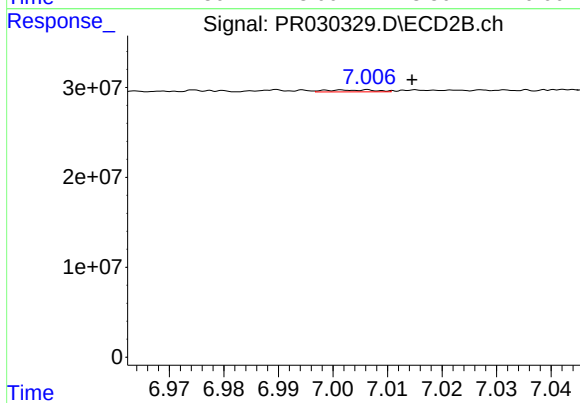
#38 AR-1262-3

R.T.: 6.781 min
Delta R.T.: 0.023 min
Response: 4015436
Conc: 1.36 ng/ml



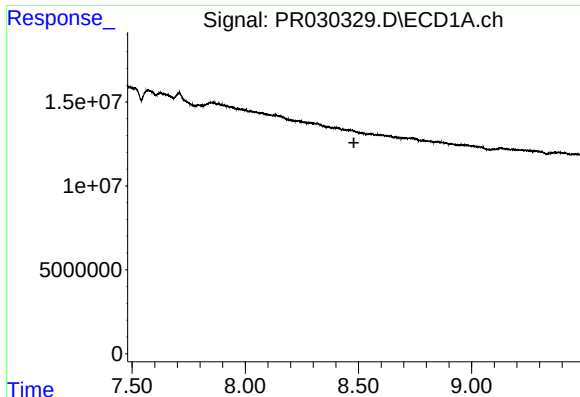
#39 AR-1262-4

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



#39 AR-1262-4

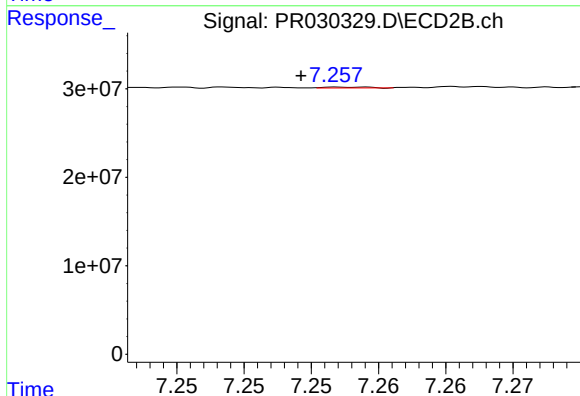
R.T.: 7.002 min
Delta R.T.: -0.012 min
Response: 1409226
Conc: 0.67 ng/ml



#40 AR-1262-5

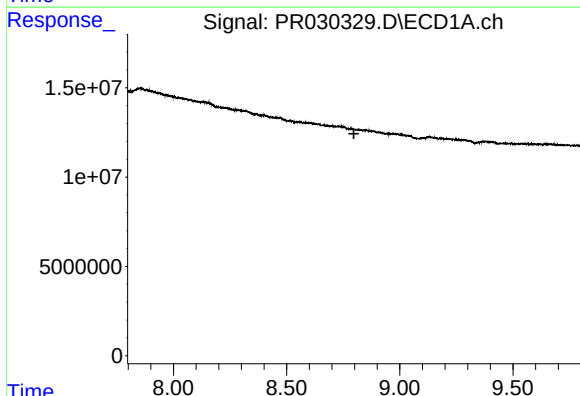
R.T.: 0.000 min
Exp R.T.: 8.480 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



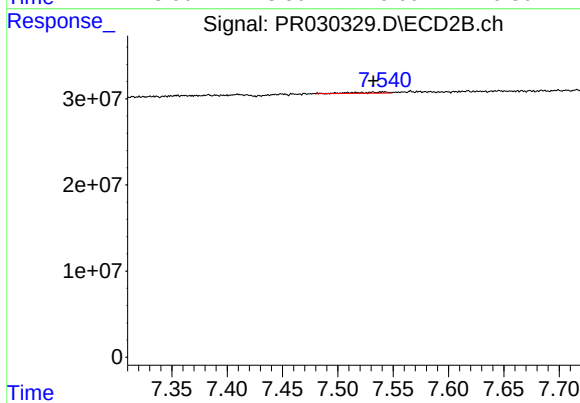
#40 AR-1262-5

R.T.: 7.258 min
Delta R.T.: 0.004 min
Response: 193817
Conc: 0.05 ng/ml



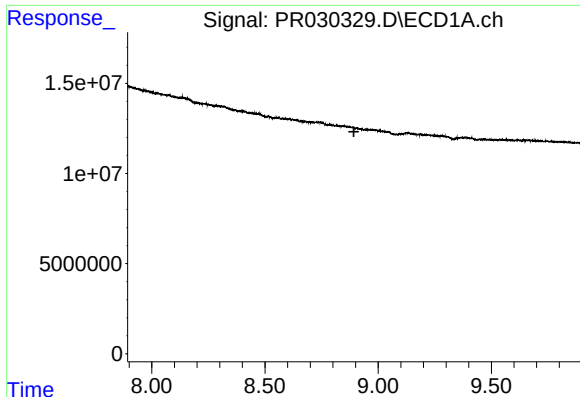
#41 AR-1268-1

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



#41 AR-1268-1

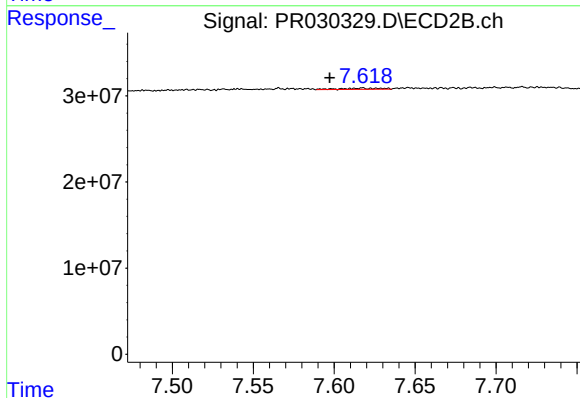
R.T.: 7.541 min
Delta R.T.: 0.008 min
Response: 2537117
Conc: 0.73 ng/ml



#42 AR-1268-2

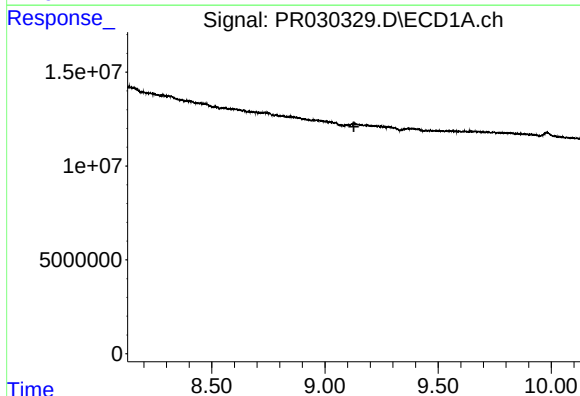
R.T.: 0.000 min
Exp R.T.: 8.893 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



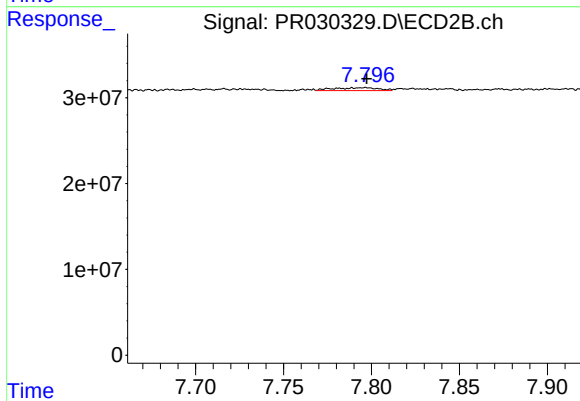
#42 AR-1268-2

R.T.: 7.617 min
Delta R.T.: 0.020 min
Response: 2562396
Conc: 0.86 ng/ml



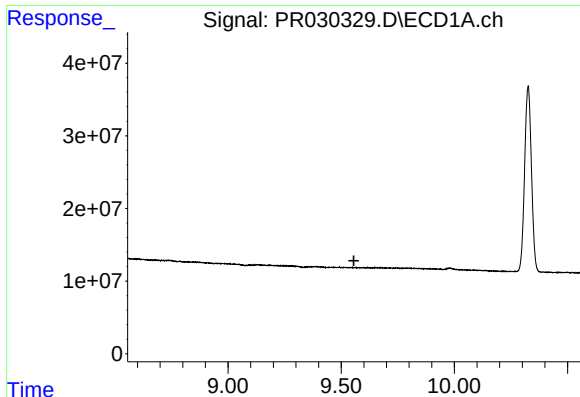
#43 AR-1268-3

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



#43 AR-1268-3

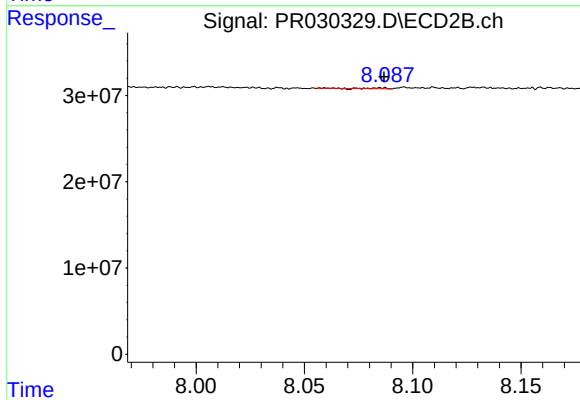
R.T.: 7.797 min
Delta R.T.: 0.000 min
Response: 5924966
Conc: 2.59 ng/ml



#44 AR-1268-4

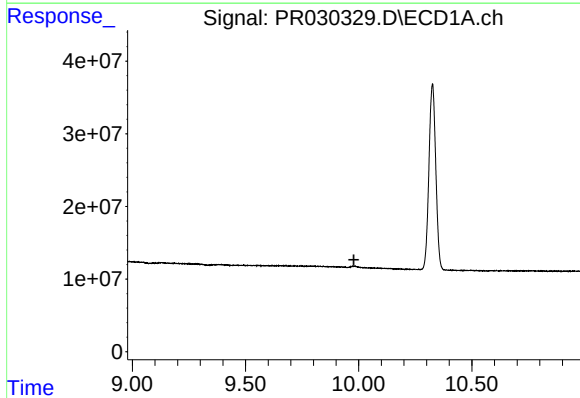
R.T.: 0.000 min
Exp R.T.: 9.556 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



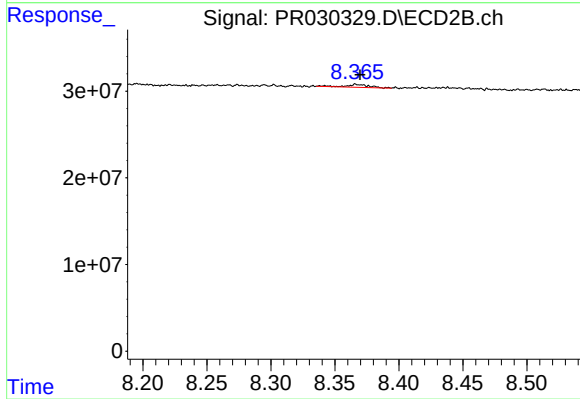
#44 AR-1268-4

R.T.: 8.085 min
Delta R.T.: -0.001 min
Response: 396767
Conc: 0.42 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.: 8.367 min
Delta R.T.: -0.003 min
Response: 4437249
Conc: 0.85 ng/ml