

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR082118\
 Data File : PR031509.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2018 10:59
 Operator : SM\SJ
 Sample : PB112224BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 22:58:32 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR082018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 21 07:29:33 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	3.684	123.7E6	227.2E6	12.189	13.091
2)	SA Decachlor...	10.329	8.557	498.6E6	335.2E6	16.326	16.022
Target Compounds							
3)	L1 AR-1016-1	4.922	4.335	9104253	2190192	44.602	3.657 #
4)	L1 AR-1016-2	5.450	4.738	11931027	34766766	36.952	38.711
5)	L1 AR-1016-3	5.737	4.753	30887443	56176500	40.453	33.840
6)	L1 AR-1016-4	5.800	4.810	18394847	24478723	38.560	24.134 #
7)	L1 AR-1016-5	6.330	4.964	18679952	27516588	39.925	41.114
10)	L2 AR-1221-3	4.922	0.000	9104253	0	39.747	N.D. #
11)	L3 AR-1232-1	5.255	4.335	11543597	2190192	104.912	15.989 #
12)	L3 AR-1232-2	5.450	4.753	11931027	56176500	99.653	91.281
13)	L3 AR-1232-3	5.737	4.810	30887443	24478723	111.482	64.264 #
14)	L3 AR-1232-4	5.800	5.005	18394847	23617983	103.403	85.570
15)	L3 AR-1232-5	6.191	5.252	23707356	20190523	166.044	53.696 #
16)	L4 AR-1242-1	5.450	4.524	11931027	31228920	67.350	88.140 #
17)	L4 AR-1242-2	5.715	4.753	21301197	56176500	74.179	62.065
18)	L4 AR-1242-3	5.737	4.928	30887443	22319615	76.265	51.059 #
19)	L4 AR-1242-4	6.191	4.964	23707356	27516588	99.578	74.934
20)	L4 AR-1242-5	6.330	5.172	18679952	41827385	69.572	79.345
21)	L5 AR-1248-1	6.191	4.964	23707356	27516588	56.920	41.602 #
22)	L5 AR-1248-2	6.330	5.005	18679952	23617983	52.648	34.164 #
23)	L5 AR-1248-3	6.567	5.172	18963980	41827385	34.379	46.777 #
24)	L5 AR-1248-4	6.567	5.513	18963980	31219292	35.984	21.156 #
25)	L5 AR-1248-5	6.783	5.513	17530581	31219292	31.053	29.570
26)	L6 AR-1254-1	5.986	4.964	13601375	27516588	44.479	43.497
27)	L6 AR-1254-2	6.783	5.656	17530581	53032300	15.979	29.120 #
28)	L6 AR-1254-3	7.152	6.062	41204668	82165923	31.352	26.474
29)	L6 AR-1254-4	7.433	0.000	37569063	0	33.648	N.D. #
30)	L6 AR-1254-5	7.850	6.682	100.0E6	117.8E6	85.602	49.208 #
31)	L7 AR-1260-1	7.313	6.177	70488442	104.3E6	65.394	45.309 #
32)	L7 AR-1260-2	7.567	6.362	79509235	165.2E6	53.849	56.907
33)	L7 AR-1260-3	7.850	6.716	100.0E6	87997462	58.049	41.565 #
34)	L7 AR-1260-4	8.480	7.213	133.5E6	261.6E6	42.495	77.566 #
35)	L7 AR-1260-5	8.813	7.553	105.1E6	111.0E6	51.693	54.536
36)	L8 AR-1262-1	7.313	6.177	70488442	104.3E6	75.825	52.688 #
37)	L8 AR-1262-2	7.567	6.362	79509235	165.2E6	64.406	69.016
38)	L8 AR-1262-3	7.927	6.716	57369665	87997462	30.243	30.268
39)	L8 AR-1262-4	8.156	6.980	74949348	20881867	45.863	10.418 #
40)	L8 AR-1262-5	8.480	7.213	133.5E6	261.6E6	35.468	72.010 #
41)	L9 AR-1268-1	8.813	7.488	105.1E6	66487799	26.608	22.263
42)	L9 AR-1268-2	8.872	7.553	76836249	111.0E6	21.996	43.282 #
43)	L9 AR-1268-3	9.127	0.000	54234890	0	17.149	N.D. #

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 ALS Vial : 6 Sample Multiplier: 1

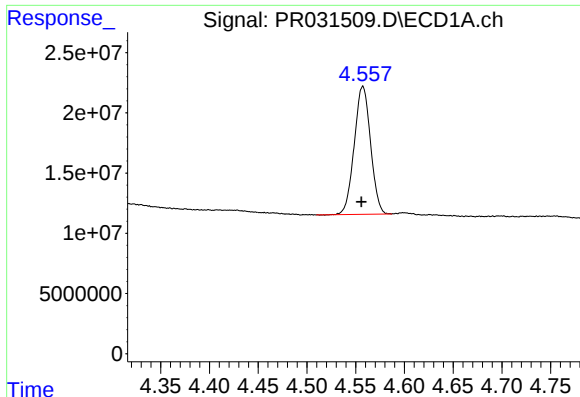
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 22:58:32 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR082018.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	9.559	8.044	34580522	23488761	23.675	26.407
45) L9	AR-1268-5	9.984	0.000	10851044	0	1.149	N.D. #

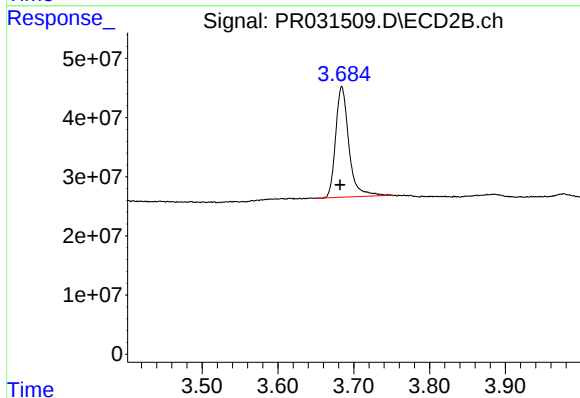
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

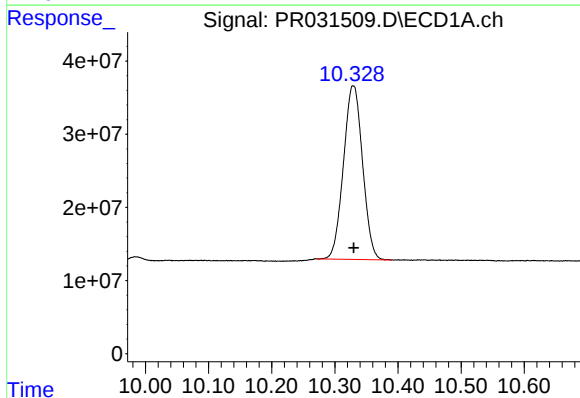
R.T.: 4.558 min
Delta R.T.: 0.002 min
Response: 123678702
Conc: 12.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



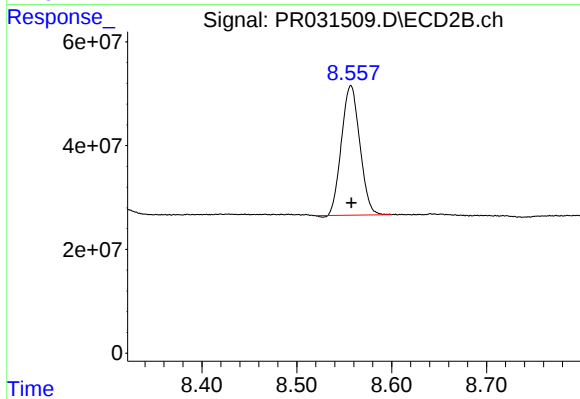
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: 0.002 min
Response: 227166707
Conc: 13.09 ng/ml



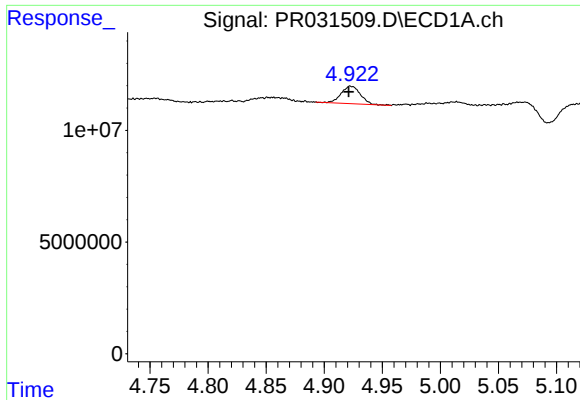
#2 Decachlorobiphenyl

R.T.: 10.329 min
Delta R.T.: 0.000 min
Response: 498613479
Conc: 16.33 ng/ml



#2 Decachlorobiphenyl

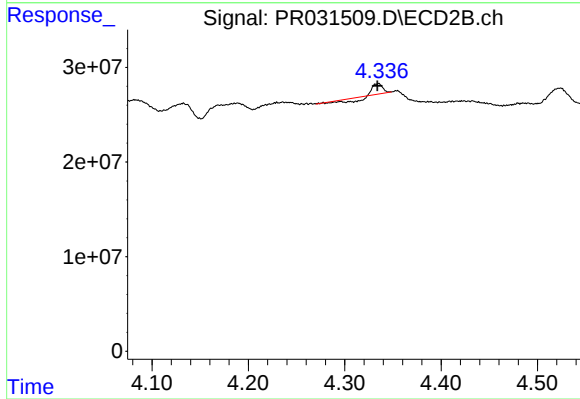
R.T.: 8.557 min
Delta R.T.: 0.000 min
Response: 335187314
Conc: 16.02 ng/ml



#3 AR-1016-1

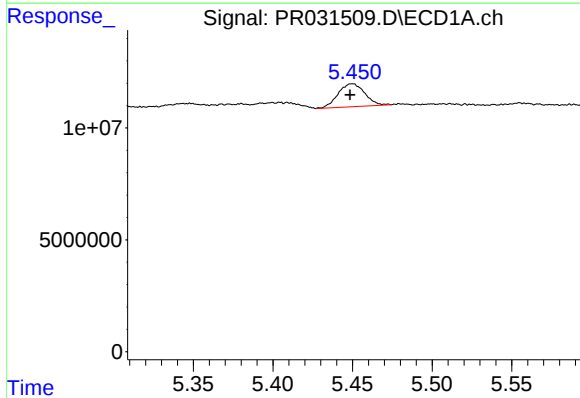
R.T.: 4.922 min
Delta R.T.: 0.001 min
Response: 9104253
Conc: 44.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



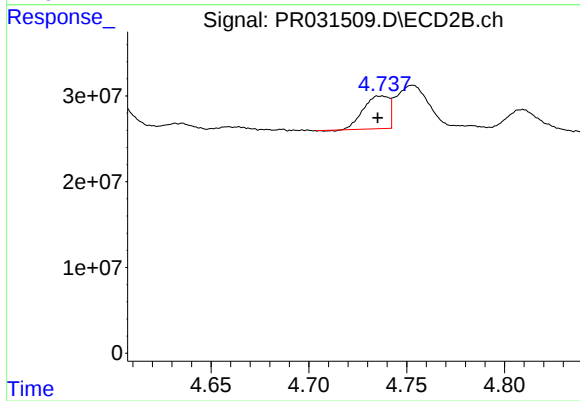
#3 AR-1016-1

R.T.: 4.335 min
Delta R.T.: 0.002 min
Response: 2190192
Conc: 3.66 ng/ml



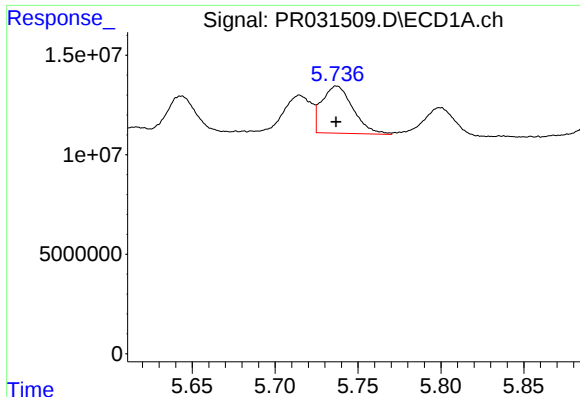
#4 AR-1016-2

R.T.: 5.450 min
Delta R.T.: 0.002 min
Response: 11931027
Conc: 36.95 ng/ml



#4 AR-1016-2

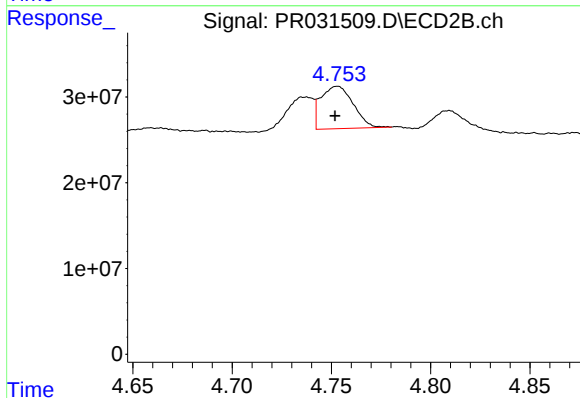
R.T.: 4.738 min
Delta R.T.: 0.002 min
Response: 34766766
Conc: 38.71 ng/ml



#5 AR-1016-3

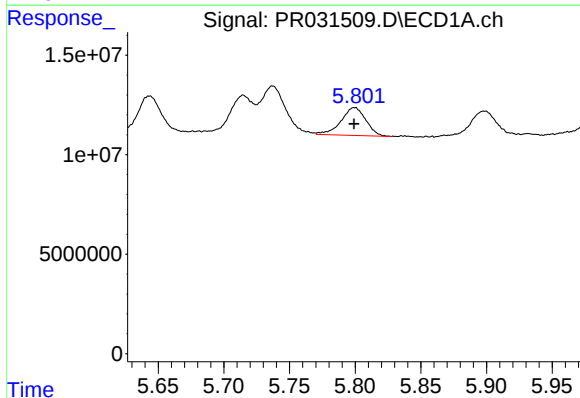
R.T.: 5.737 min
Delta R.T.: 0.000 min
Response: 30887443
Conc: 40.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



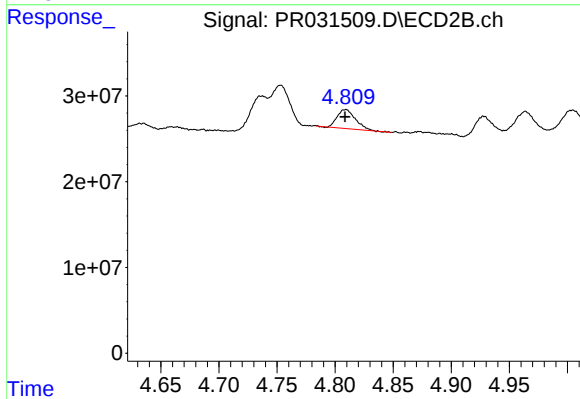
#5 AR-1016-3

R.T.: 4.753 min
Delta R.T.: 0.001 min
Response: 56176500
Conc: 33.84 ng/ml



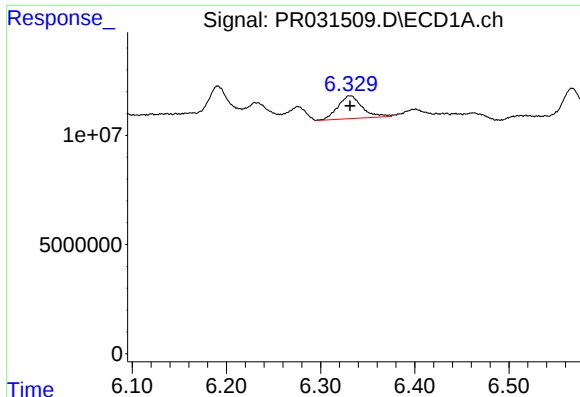
#6 AR-1016-4

R.T.: 5.800 min
Delta R.T.: 0.000 min
Response: 18394847
Conc: 38.56 ng/ml



#6 AR-1016-4

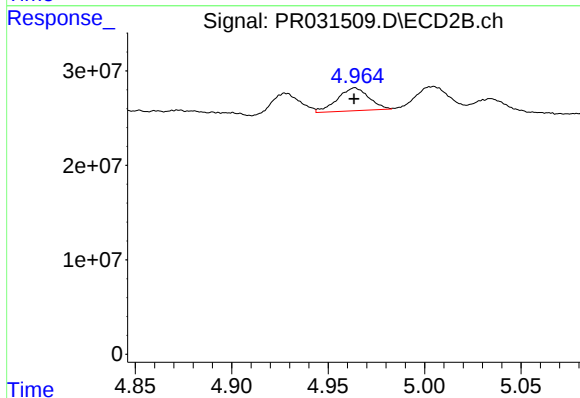
R.T.: 4.810 min
Delta R.T.: 0.001 min
Response: 24478723
Conc: 24.13 ng/ml



#7 AR-1016-5

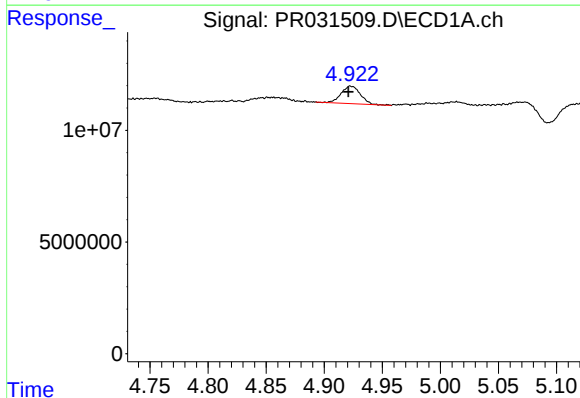
R.T.: 6.330 min
Delta R.T.: -0.001 min
Response: 18679952
Conc: 39.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



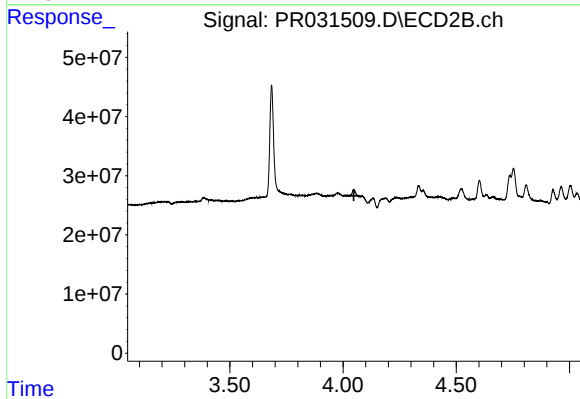
#7 AR-1016-5

R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 27516588
Conc: 41.11 ng/ml



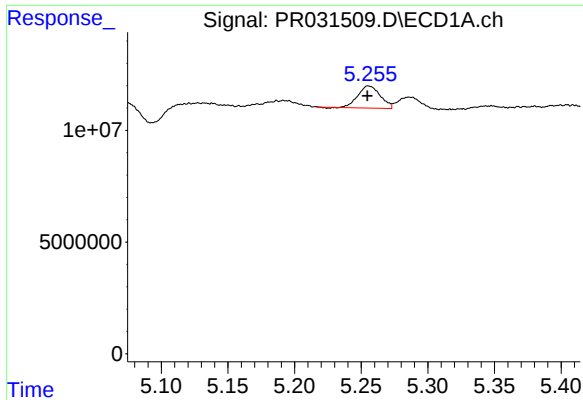
#10 AR-1221-3

R.T.: 4.922 min
Delta R.T.: 0.001 min
Response: 9104253
Conc: 39.75 ng/ml



#10 AR-1221-3

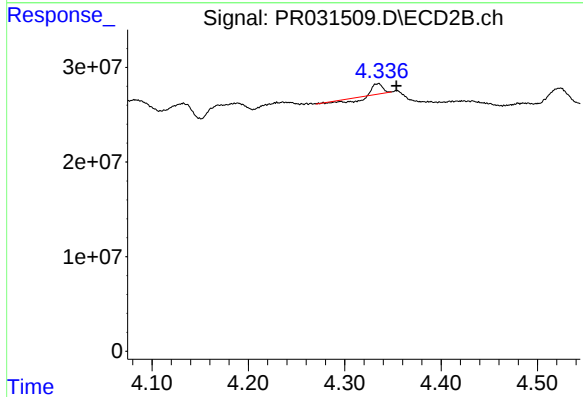
R.T.: 0.000 min
Exp R.T.: 4.048 min
Response: 0
Conc: N.D.



#11 AR-1232-1

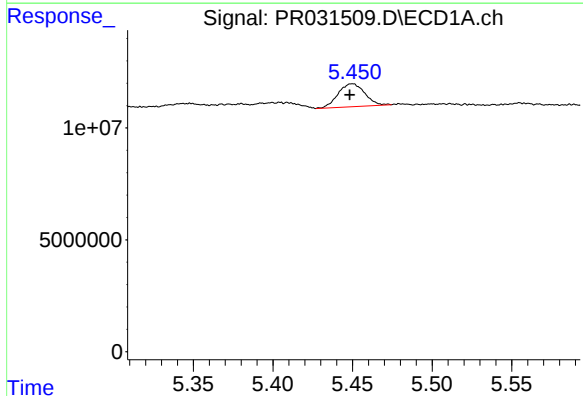
R.T.: 5.255 min
Delta R.T.: 0.000 min
Response: 11543597
Conc: 104.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



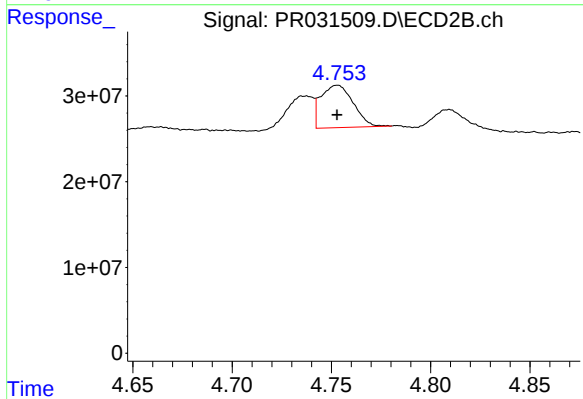
#11 AR-1232-1

R.T.: 4.335 min
Delta R.T.: -0.018 min
Response: 2190192
Conc: 15.99 ng/ml



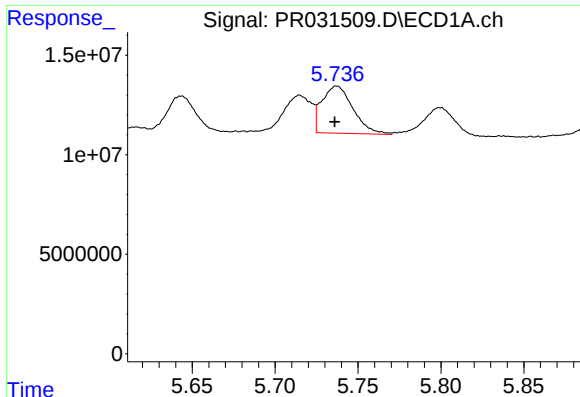
#12 AR-1232-2

R.T.: 5.450 min
Delta R.T.: 0.002 min
Response: 11931027
Conc: 99.65 ng/ml



#12 AR-1232-2

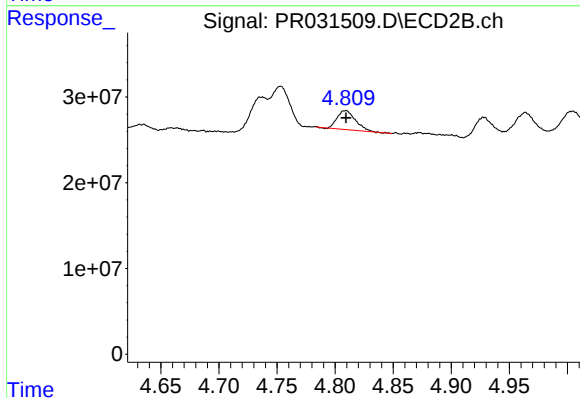
R.T.: 4.753 min
Delta R.T.: 0.000 min
Response: 56176500
Conc: 91.28 ng/ml



#13 AR-1232-3

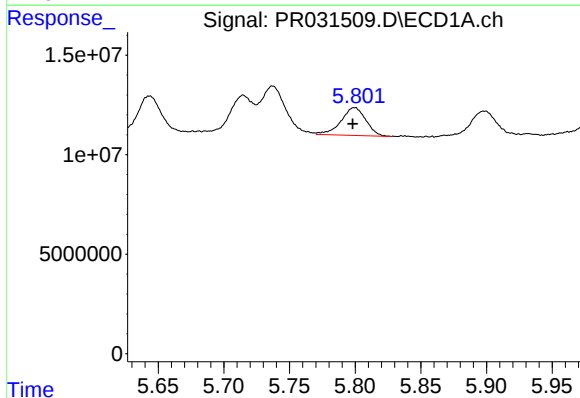
R.T.: 5.737 min
Delta R.T.: 0.001 min
Response: 30887443
Conc: 111.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



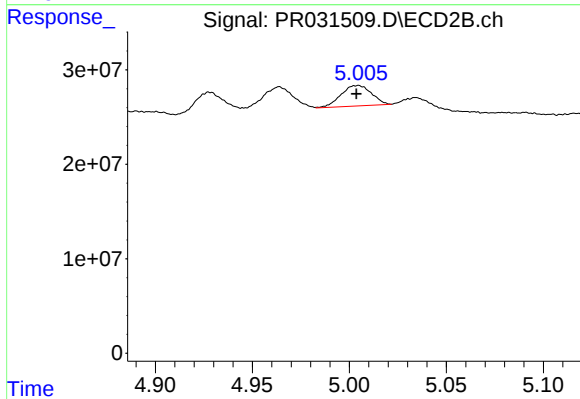
#13 AR-1232-3

R.T.: 4.810 min
Delta R.T.: 0.000 min
Response: 24478723
Conc: 64.26 ng/ml



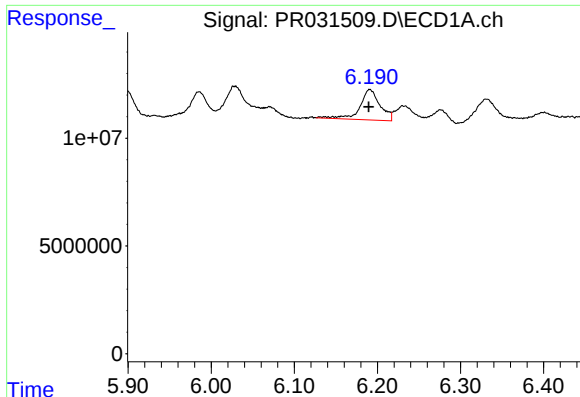
#14 AR-1232-4

R.T.: 5.800 min
Delta R.T.: 0.002 min
Response: 18394847
Conc: 103.40 ng/ml



#14 AR-1232-4

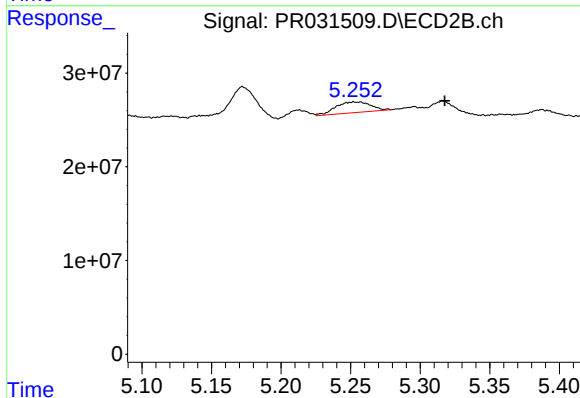
R.T.: 5.005 min
Delta R.T.: 0.001 min
Response: 23617983
Conc: 85.57 ng/ml



#15 AR-1232-5

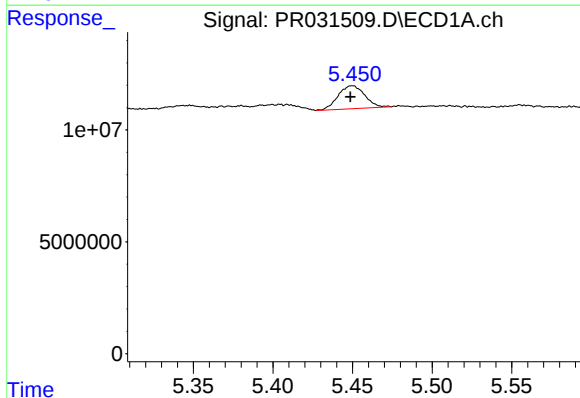
R.T.: 6.191 min
Delta R.T.: 0.002 min
Response: 23707356
Conc: 166.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



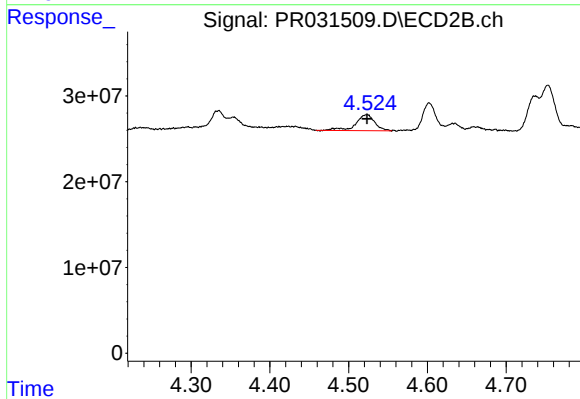
#15 AR-1232-5

R.T.: 5.252 min
Delta R.T.: -0.065 min
Response: 20190523
Conc: 53.70 ng/ml



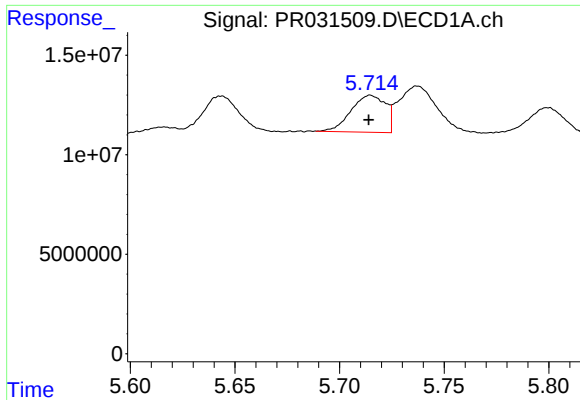
#16 AR-1242-1

R.T.: 5.450 min
Delta R.T.: 0.001 min
Response: 11931027
Conc: 67.35 ng/ml



#16 AR-1242-1

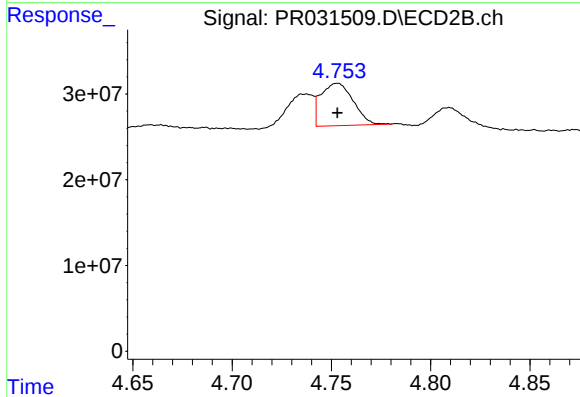
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 31228920
Conc: 88.14 ng/ml



#17 AR-1242-2

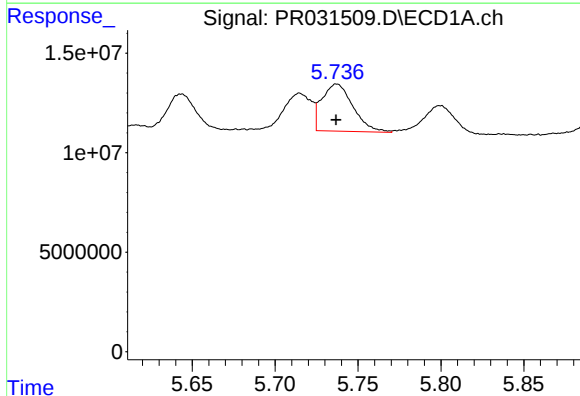
R.T.: 5.715 min
Delta R.T.: 0.000 min
Response: 21301197
Conc: 74.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



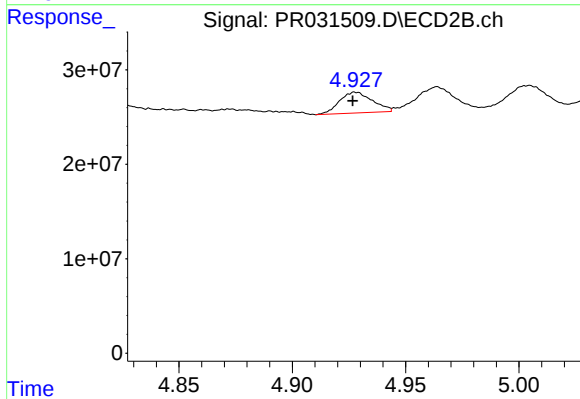
#17 AR-1242-2

R.T.: 4.753 min
Delta R.T.: 0.000 min
Response: 56176500
Conc: 62.06 ng/ml



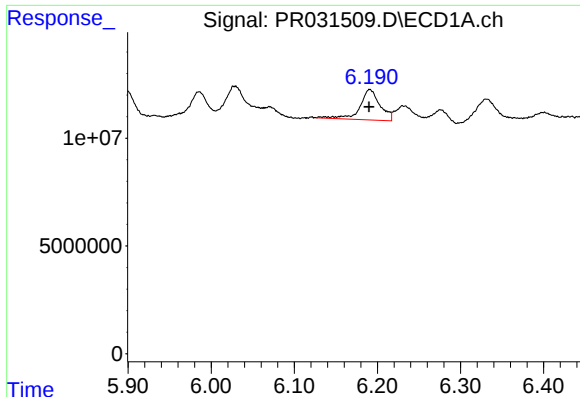
#18 AR-1242-3

R.T.: 5.737 min
Delta R.T.: 0.000 min
Response: 30887443
Conc: 76.27 ng/ml



#18 AR-1242-3

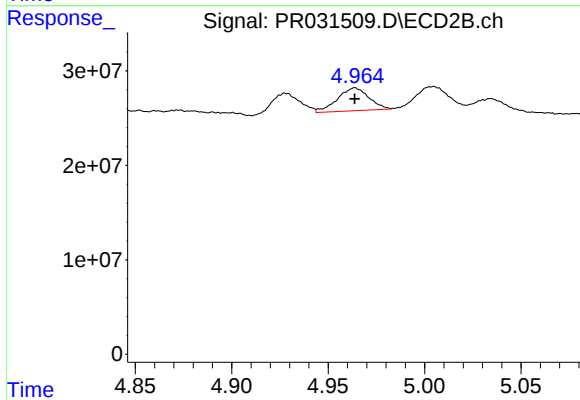
R.T.: 4.928 min
Delta R.T.: 0.001 min
Response: 22319615
Conc: 51.06 ng/ml



#19 AR-1242-4

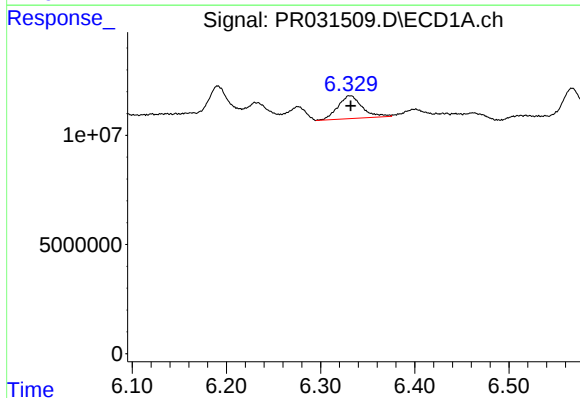
R.T.: 6.191 min
Delta R.T.: 0.001 min
Response: 23707356
Conc: 99.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



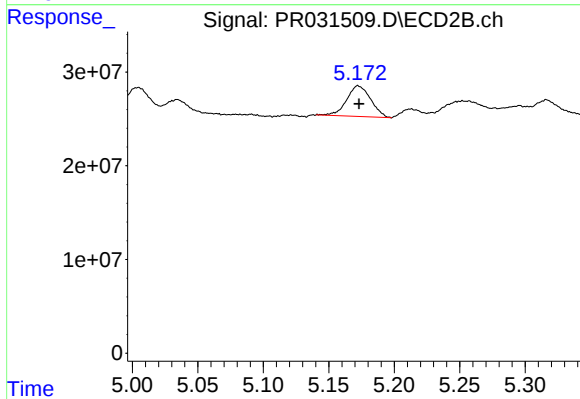
#19 AR-1242-4

R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 27516588
Conc: 74.93 ng/ml



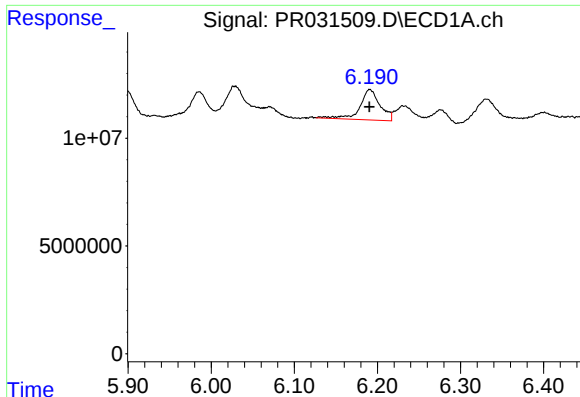
#20 AR-1242-5

R.T.: 6.330 min
Delta R.T.: -0.002 min
Response: 18679952
Conc: 69.57 ng/ml



#20 AR-1242-5

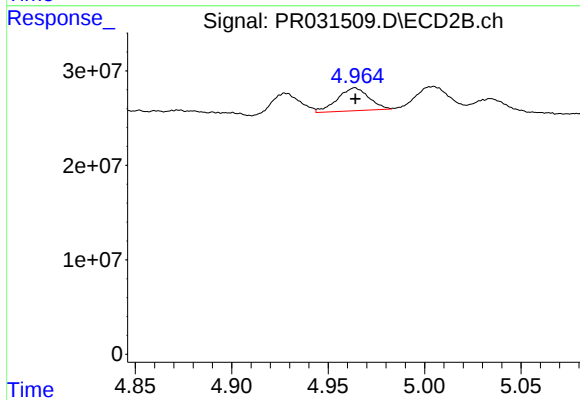
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 41827385
Conc: 79.34 ng/ml



#21 AR-1248-1

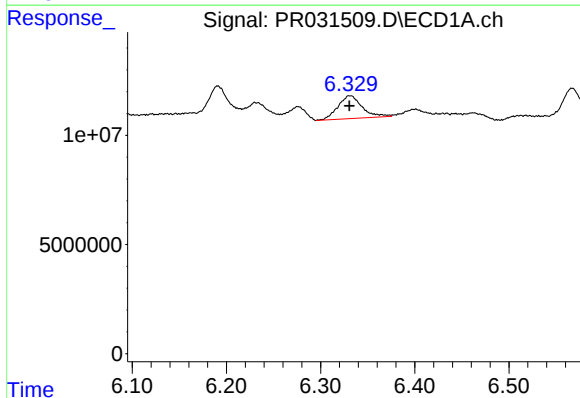
R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 23707356
Conc: 56.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



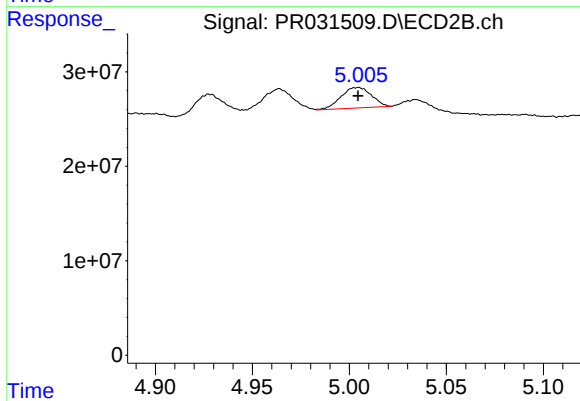
#21 AR-1248-1

R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 27516588
Conc: 41.60 ng/ml



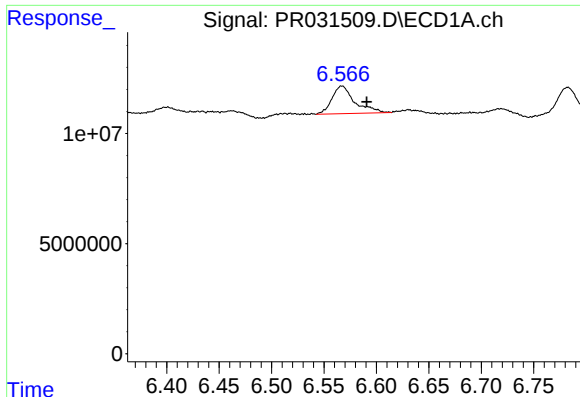
#22 AR-1248-2

R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 18679952
Conc: 52.65 ng/ml



#22 AR-1248-2

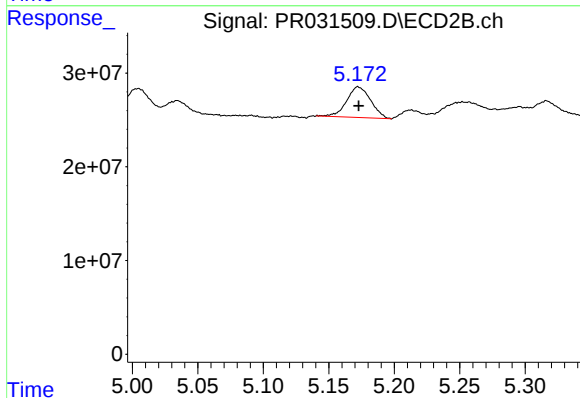
R.T.: 5.005 min
Delta R.T.: 0.000 min
Response: 23617983
Conc: 34.16 ng/ml



#23 AR-1248-3

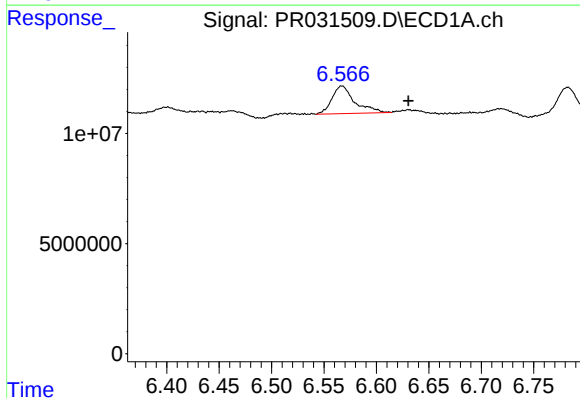
R.T.: 6.567 min
Delta R.T.: -0.024 min
Response: 18963980
Conc: 34.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



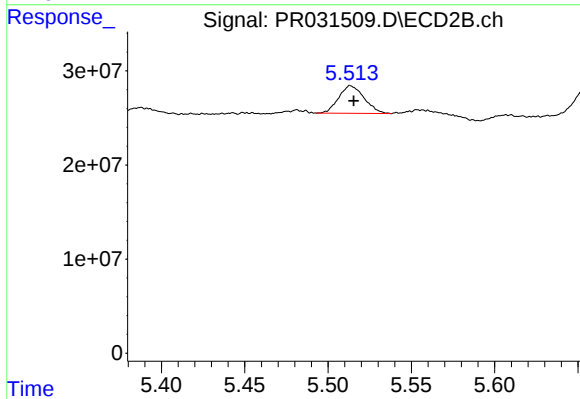
#23 AR-1248-3

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 41827385
Conc: 46.78 ng/ml



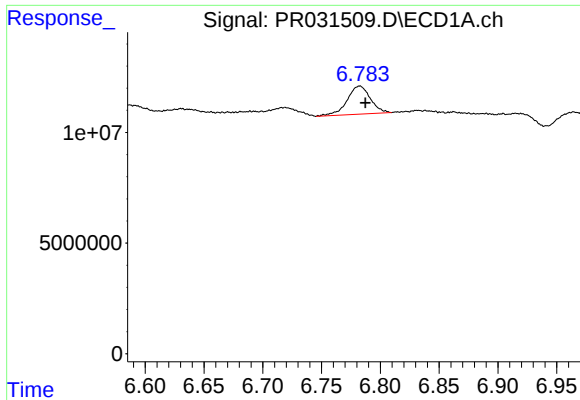
#24 AR-1248-4

R.T.: 6.567 min
Delta R.T.: -0.063 min
Response: 18963980
Conc: 35.98 ng/ml



#24 AR-1248-4

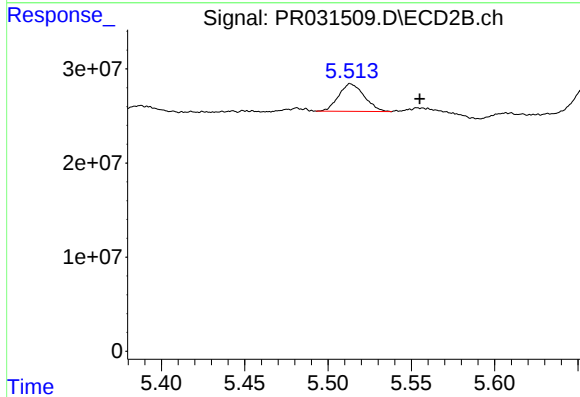
R.T.: 5.513 min
Delta R.T.: -0.002 min
Response: 31219292
Conc: 21.16 ng/ml



#25 AR-1248-5

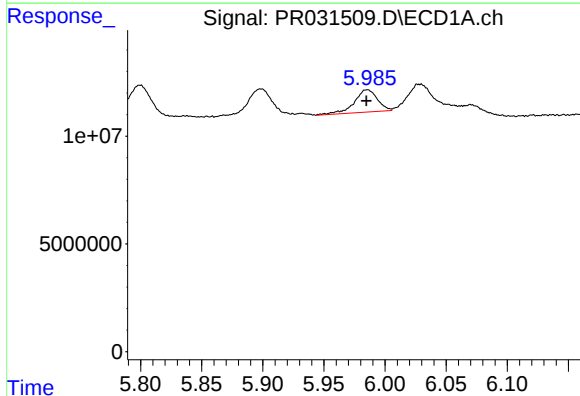
R.T.: 6.783 min
Delta R.T.: -0.005 min
Response: 17530581
Conc: 31.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



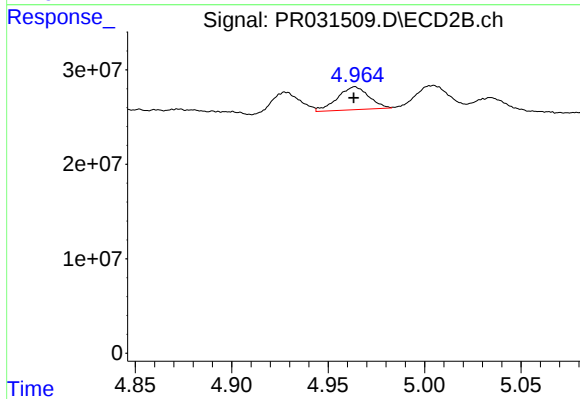
#25 AR-1248-5

R.T.: 5.513 min
Delta R.T.: -0.042 min
Response: 31219292
Conc: 29.57 ng/ml



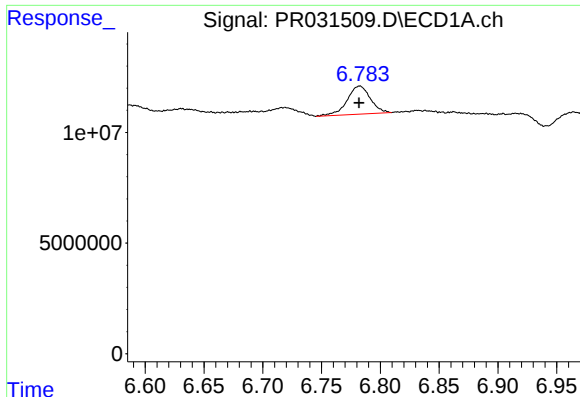
#26 AR-1254-1

R.T.: 5.986 min
Delta R.T.: 0.000 min
Response: 13601375
Conc: 44.48 ng/ml



#26 AR-1254-1

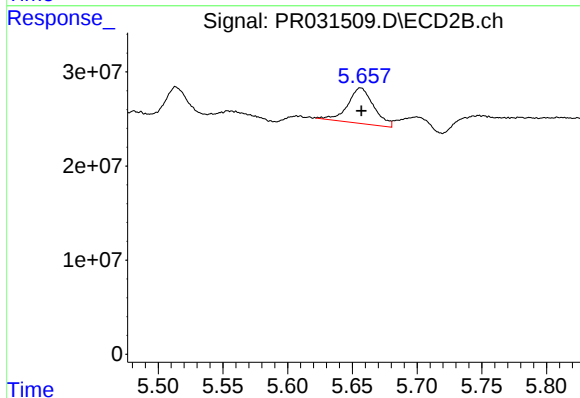
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 27516588
Conc: 43.50 ng/ml



#27 AR-1254-2

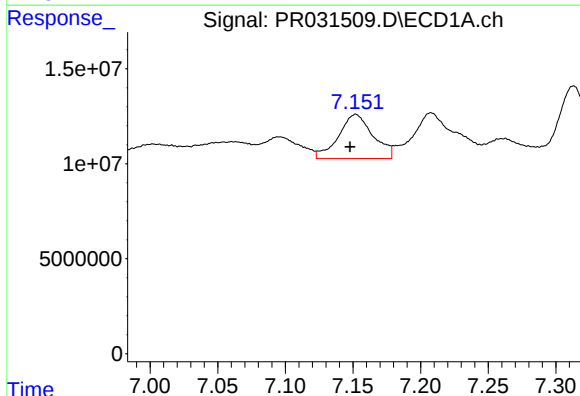
R.T.: 6.783 min
Delta R.T.: 0.000 min
Response: 17530581
Conc: 15.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



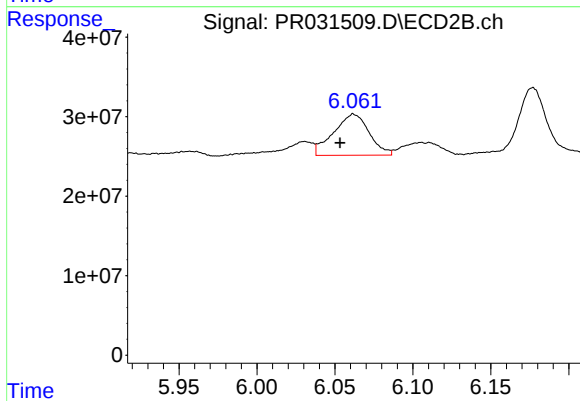
#27 AR-1254-2

R.T.: 5.656 min
Delta R.T.: 0.000 min
Response: 53032300
Conc: 29.12 ng/ml



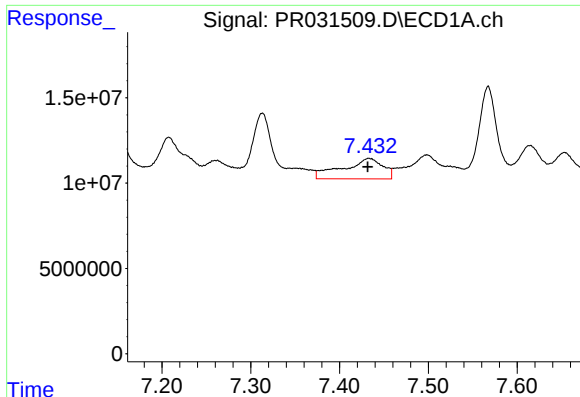
#28 AR-1254-3

R.T.: 7.152 min
Delta R.T.: 0.004 min
Response: 41204668
Conc: 31.35 ng/ml



#28 AR-1254-3

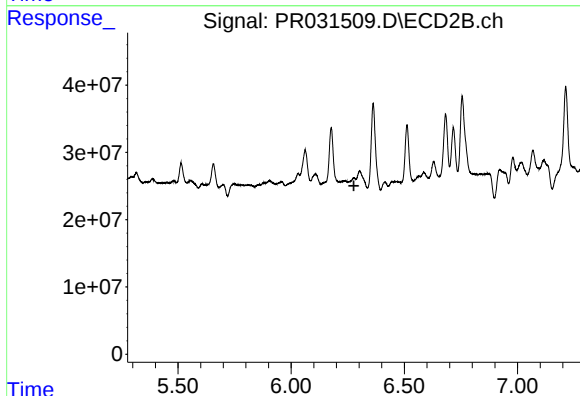
R.T.: 6.062 min
Delta R.T.: 0.008 min
Response: 82165923
Conc: 26.47 ng/ml



#29 AR-1254-4

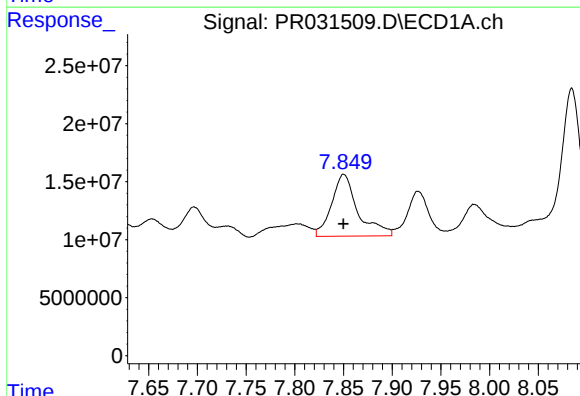
R.T.: 7.433 min
Delta R.T.: 0.001 min
Response: 37569063
Conc: 33.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



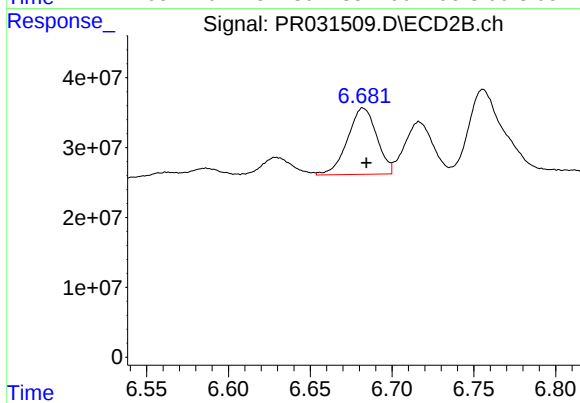
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.277 min
Response: 0
Conc: N.D.



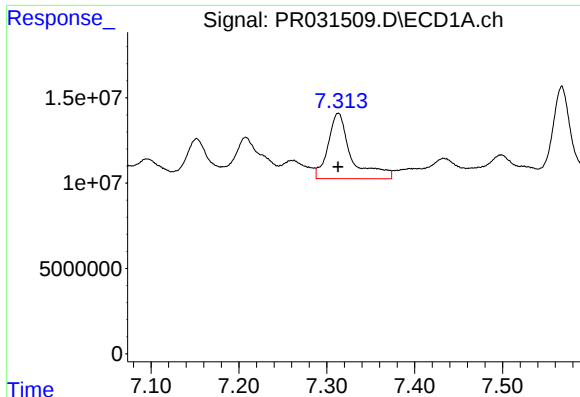
#30 AR-1254-5

R.T.: 7.850 min
Delta R.T.: 0.000 min
Response: 100018368
Conc: 85.60 ng/ml



#30 AR-1254-5

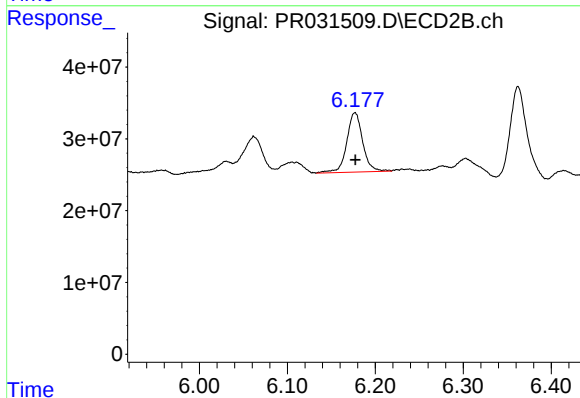
R.T.: 6.682 min
Delta R.T.: -0.002 min
Response: 117822955
Conc: 49.21 ng/ml



#31 AR-1260-1

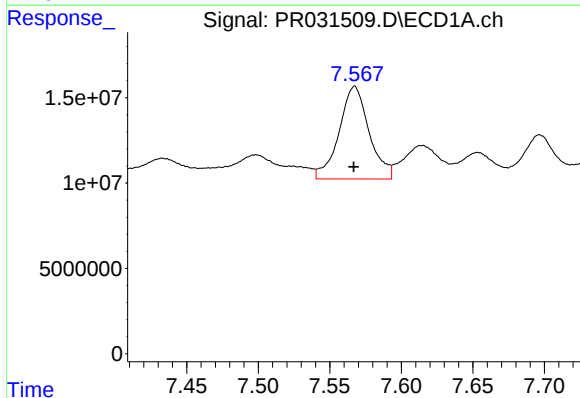
R.T.: 7.313 min
Delta R.T.: 0.000 min
Response: 70488442
Conc: 65.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



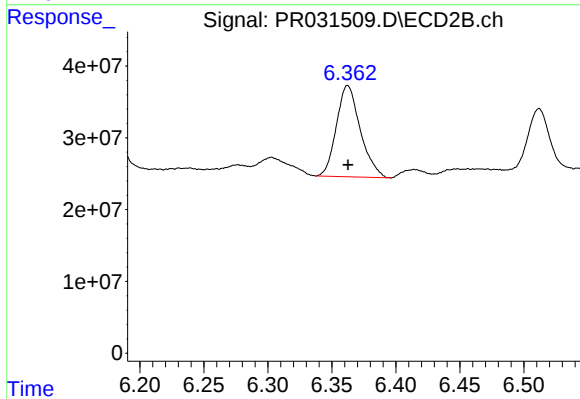
#31 AR-1260-1

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 104342846
Conc: 45.31 ng/ml



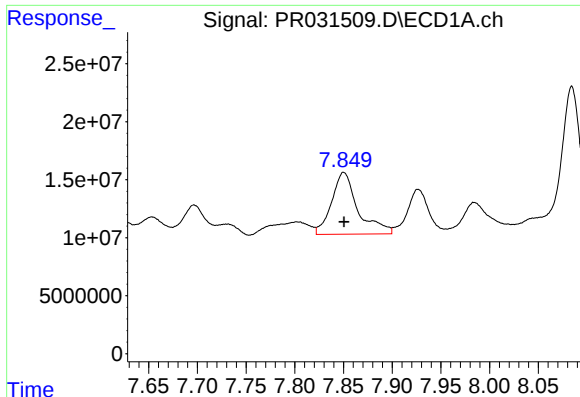
#32 AR-1260-2

R.T.: 7.567 min
Delta R.T.: 0.000 min
Response: 79509235
Conc: 53.85 ng/ml



#32 AR-1260-2

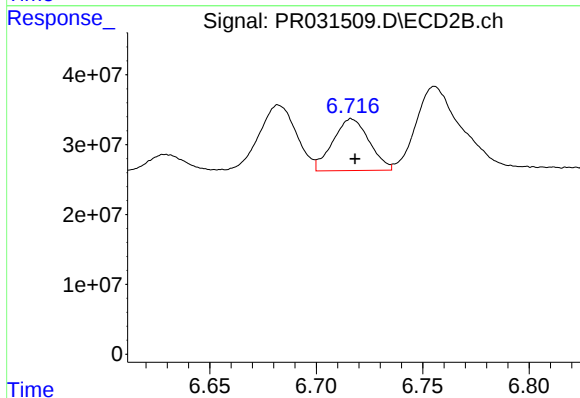
R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 165179071
Conc: 56.91 ng/ml



#33 AR-1260-3

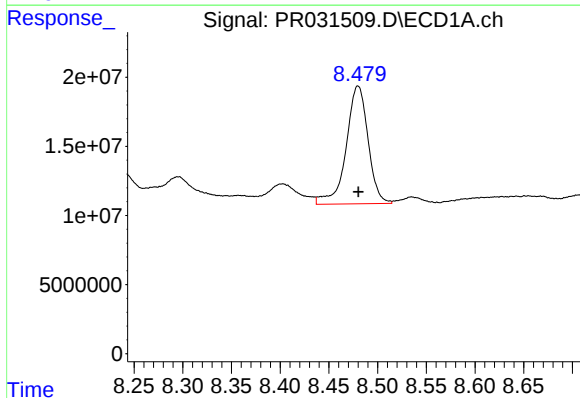
R.T.: 7.850 min
Delta R.T.: 0.000 min
Response: 100018368
Conc: 58.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



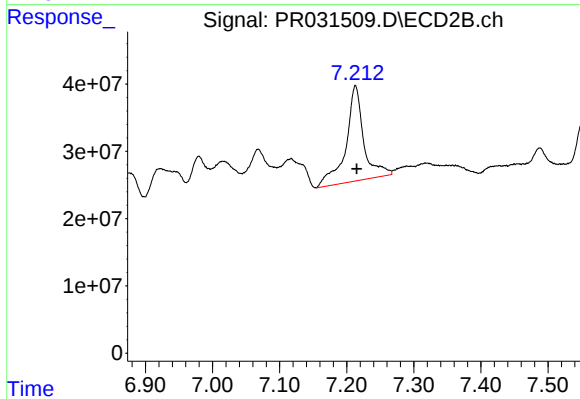
#33 AR-1260-3

R.T.: 6.716 min
Delta R.T.: -0.002 min
Response: 87997462
Conc: 41.56 ng/ml



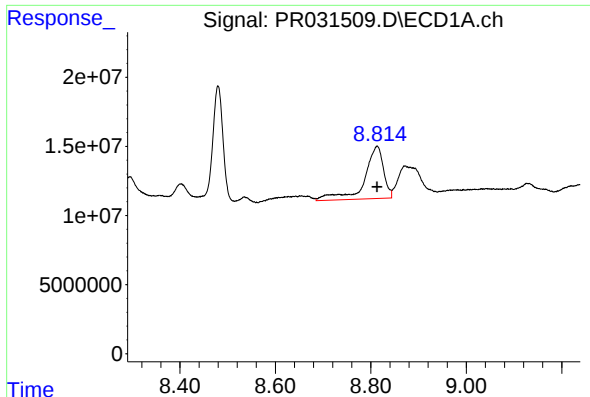
#34 AR-1260-4

R.T.: 8.480 min
Delta R.T.: 0.000 min
Response: 133497742
Conc: 42.50 ng/ml



#34 AR-1260-4

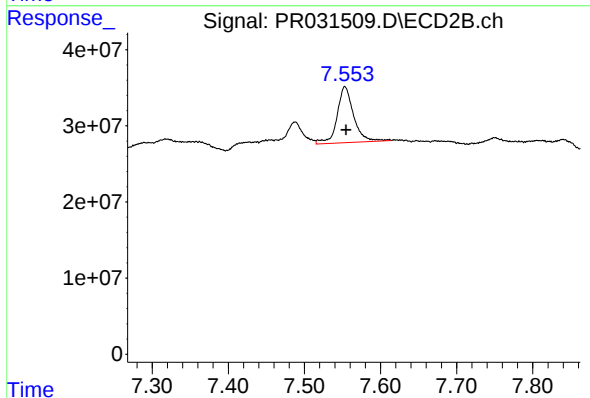
R.T.: 7.213 min
Delta R.T.: -0.002 min
Response: 261606717
Conc: 77.57 ng/ml



#35 AR-1260-5

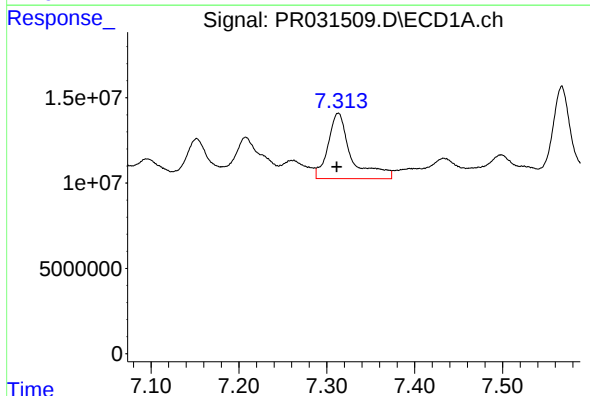
R.T.: 8.813 min
Delta R.T.: 0.000 min
Response: 105062017
Conc: 51.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



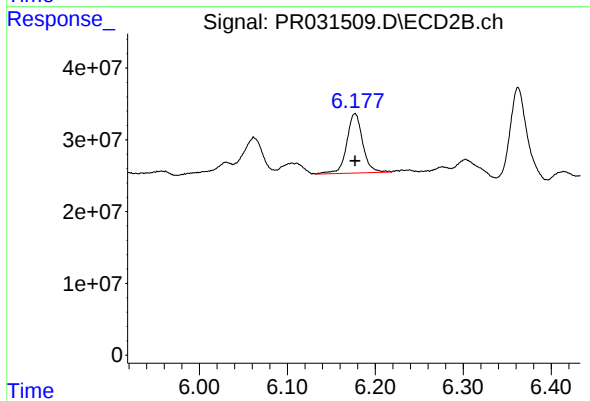
#35 AR-1260-5

R.T.: 7.553 min
Delta R.T.: -0.002 min
Response: 110955182
Conc: 54.54 ng/ml



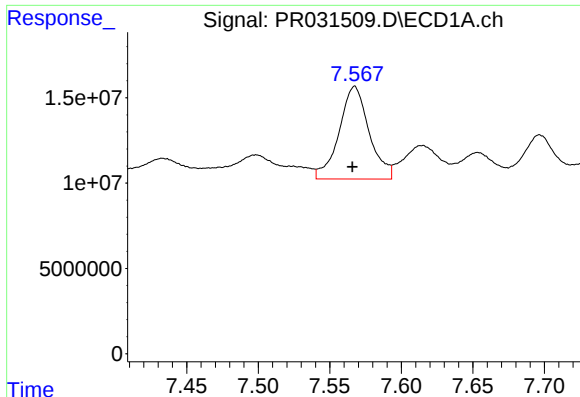
#36 AR-1262-1

R.T.: 7.313 min
Delta R.T.: 0.002 min
Response: 70488442
Conc: 75.82 ng/ml



#36 AR-1262-1

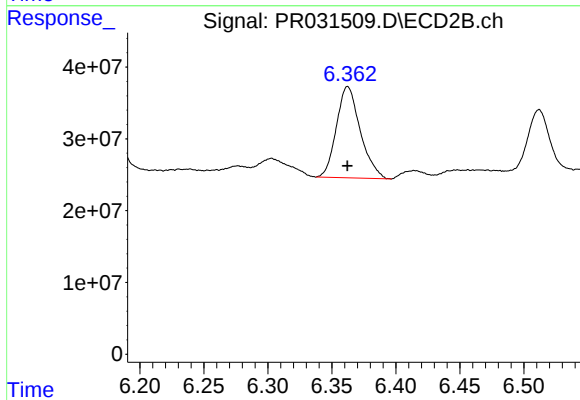
R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 104342846
Conc: 52.69 ng/ml



#37 AR-1262-2

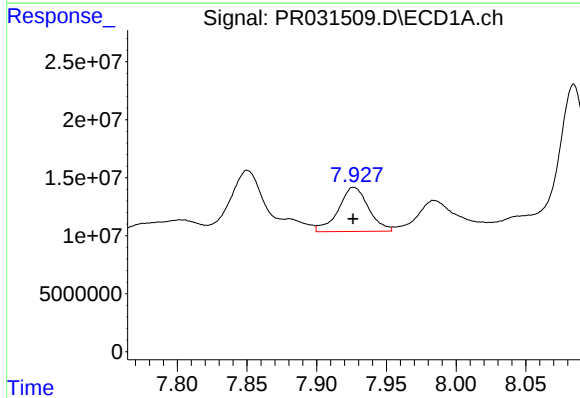
R.T.: 7.567 min
Delta R.T.: 0.002 min
Response: 79509235
Conc: 64.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



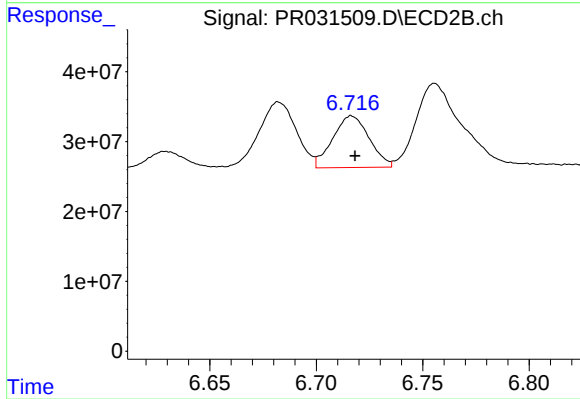
#37 AR-1262-2

R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 165179071
Conc: 69.02 ng/ml



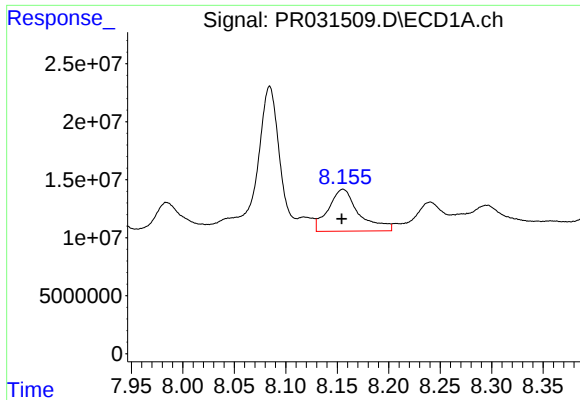
#38 AR-1262-3

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 57369665
Conc: 30.24 ng/ml



#38 AR-1262-3

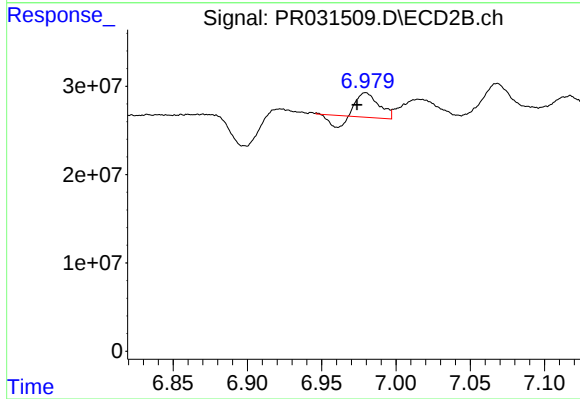
R.T.: 6.716 min
Delta R.T.: -0.002 min
Response: 87997462
Conc: 30.27 ng/ml



#39 AR-1262-4

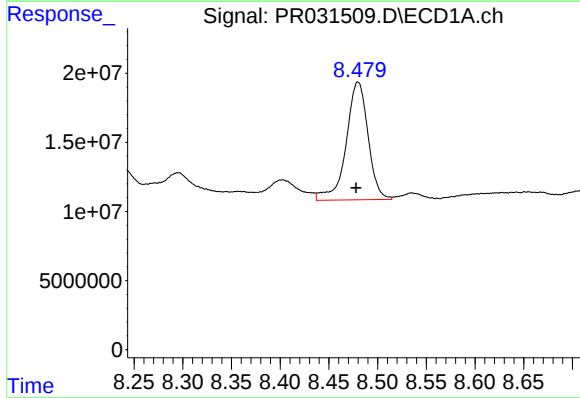
R.T.: 8.156 min
Delta R.T.: 0.001 min
Response: 74949348
Conc: 45.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



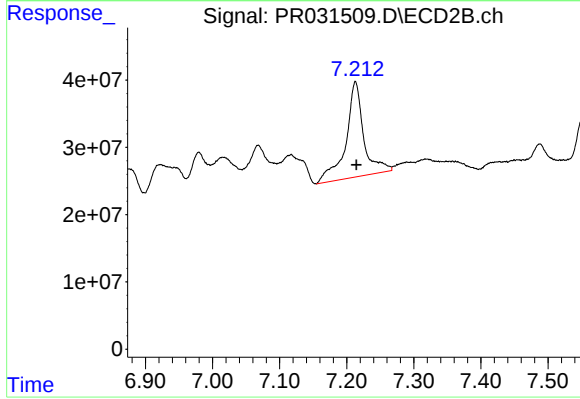
#39 AR-1262-4

R.T.: 6.980 min
Delta R.T.: 0.006 min
Response: 20881867
Conc: 10.42 ng/ml



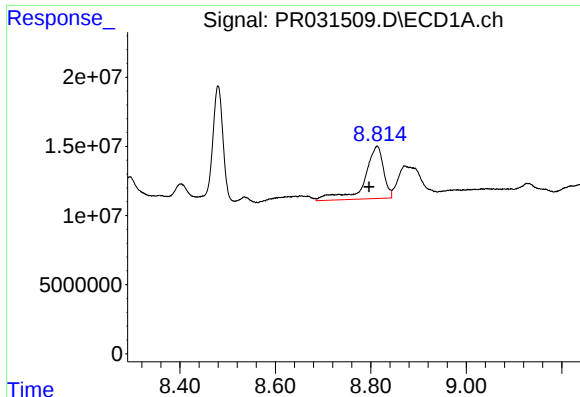
#40 AR-1262-5

R.T.: 8.480 min
Delta R.T.: 0.002 min
Response: 133497742
Conc: 35.47 ng/ml



#40 AR-1262-5

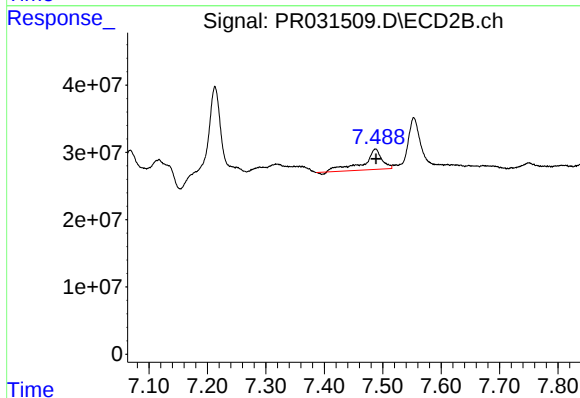
R.T.: 7.213 min
Delta R.T.: -0.001 min
Response: 261606717
Conc: 72.01 ng/ml



#41 AR-1268-1

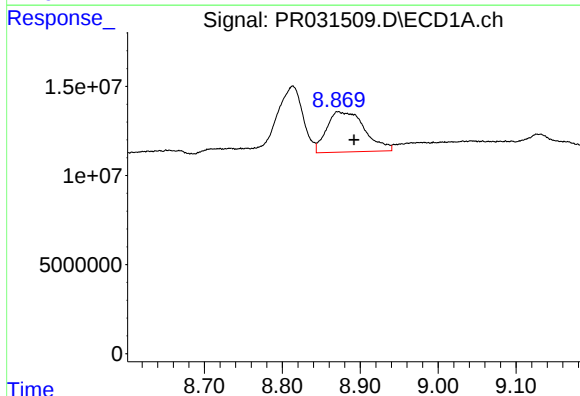
R.T.: 8.813 min
Delta R.T.: 0.017 min
Response: 105062017
Conc: 26.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



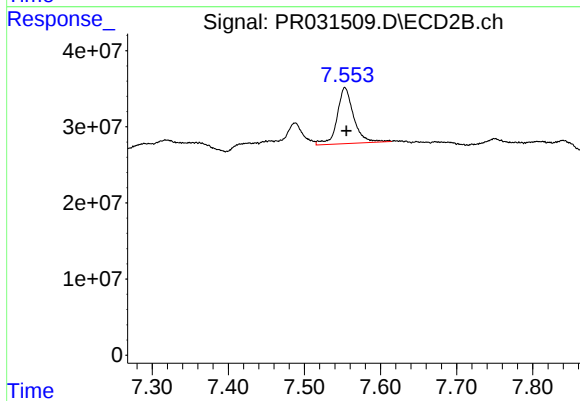
#41 AR-1268-1

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 66487799
Conc: 22.26 ng/ml



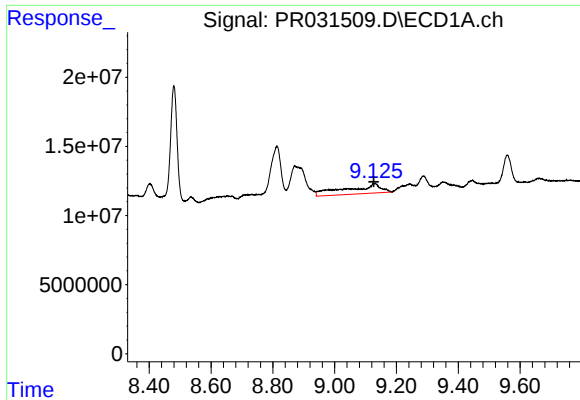
#42 AR-1268-2

R.T.: 8.872 min
Delta R.T.: -0.021 min
Response: 76836249
Conc: 22.00 ng/ml



#42 AR-1268-2

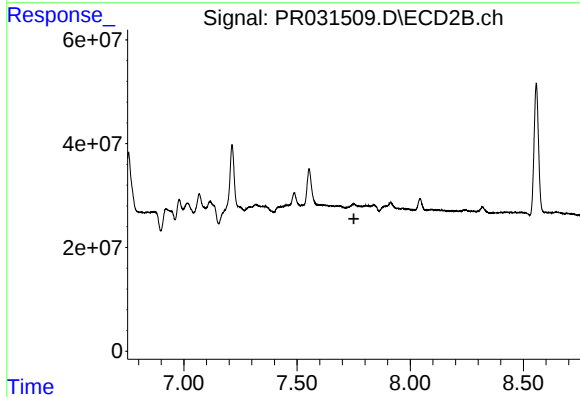
R.T.: 7.553 min
Delta R.T.: -0.002 min
Response: 110955182
Conc: 43.28 ng/ml



#43 AR-1268-3

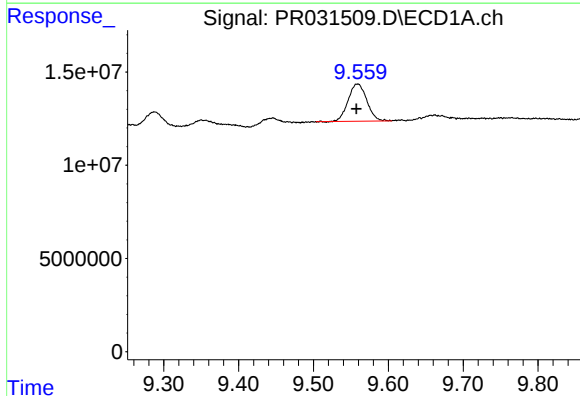
R.T.: 9.127 min
Delta R.T.: 0.000 min
Response: 54234890
Conc: 17.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



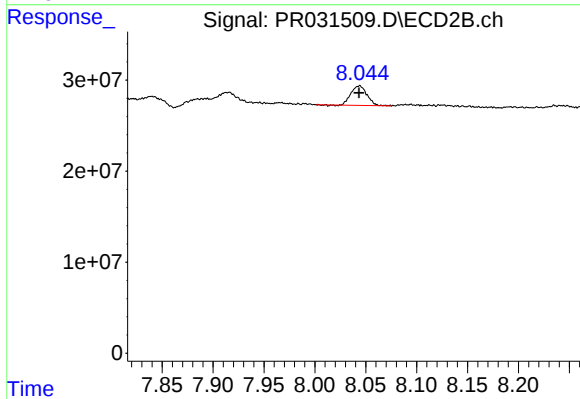
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.751 min
Response: 0
Conc: N.D.



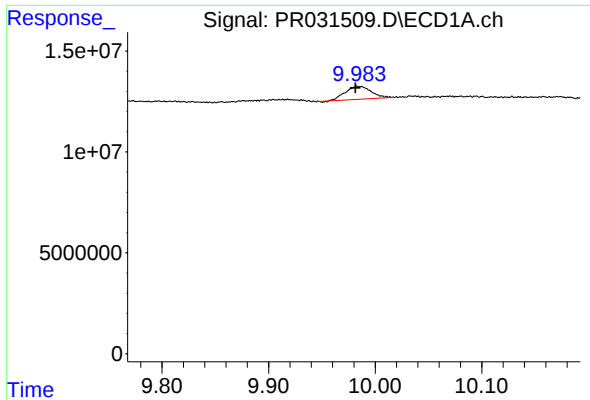
#44 AR-1268-4

R.T.: 9.559 min
Delta R.T.: 0.002 min
Response: 34580522
Conc: 23.68 ng/ml



#44 AR-1268-4

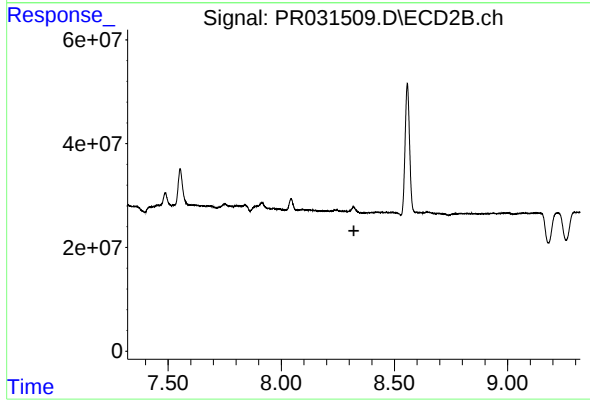
R.T.: 8.044 min
Delta R.T.: 0.000 min
Response: 23488761
Conc: 26.41 ng/ml



#45 AR-1268-5

R.T.: 9.984 min
Delta R.T.: 0.002 min
Response: 10851044
Conc: 1.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.321 min
Response: 0
Conc: N.D.