

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR082418\
 Data File : PR031620.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Aug 2018 10:07
 Operator : SM\SJ
 Sample : PB112283BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 25 00:17:45 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR082318.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 24 09:16:01 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...	4.561	3.667	438.4E6	776.5E6	20.046	20.240
2)	SA Decachlor...	10.345	8.554	584.5E6	419.8E6	18.834	20.660
Target Compounds							
3)	L1 AR-1016-1	0.000	4.310	0	43488338	N.D.	37.676 #
4)	L1 AR-1016-2	0.000	4.719	0	31964476	N.D.	18.864 #
5)	L1 AR-1016-3	5.653	4.748	22794389	58383151	24.331	19.507
6)	L1 AR-1016-4	0.000	4.804	0	8554903	N.D.	4.833 #
7)	L1 AR-1016-5	0.000	5.160	0	34871960	N.D.	21.705 #
8)	L2 AR-1221-1	0.000	3.840	0	83424722	N.D.	175.362 #
9)	L2 AR-1221-2	0.000	3.958	0	17823356	N.D.	49.499 #
10)	L2 AR-1221-3	0.000	4.038	0	21935741	N.D.	19.103 #
11)	L3 AR-1232-1	0.000	4.519	0	136.0E6	N.D.	213.822 #
12)	L3 AR-1232-2	0.000	4.748	0	58383151	N.D.	42.084 #
13)	L3 AR-1232-3	0.000	5.018	0	30118660	N.D.	50.668 #
14)	L3 AR-1232-4	6.575	5.346	504.0E6	335.4E6	2138.594	433.533 #
15)	L3 AR-1232-5	6.575	5.528	504.0E6	855.0E6	1451.939	1127.288
16)	L4 AR-1242-1	0.000	4.348	0	61522277	N.D.	106.483 #
17)	L4 AR-1242-2	6.077	4.930	249.9E6	11692123	521.896	10.249 #
18)	L4 AR-1242-3	0.000	4.955	0	14278644	N.D.	15.422 #
19)	L4 AR-1242-4	0.000	5.726	0	126.3E6	N.D.	101.028 #
20)	L4 AR-1242-5	0.000	5.726	0	126.3E6	N.D.	151.122 #
21)	L5 AR-1248-1	0.000	4.955	0	14278644	N.D.	8.802 #
22)	L5 AR-1248-2	6.575	5.528	504.0E6	855.0E6	601.355	263.665 #
23)	L5 AR-1248-3	6.575	5.528	504.0E6	855.0E6	446.461	368.283
24)	L5 AR-1248-4	6.575	5.726	504.0E6	126.3E6	473.560	54.169 #
25)	L5 AR-1248-5	6.769	6.060	16660843	36145359	23.478	23.772
26)	L6 AR-1254-1	6.769	5.629	16660843	111.1E6	8.648	32.551 #
27)	L6 AR-1254-2	7.115	5.939	159.9E6	14161767	130.992	5.816 #
28)	L6 AR-1254-3	7.164	6.308	369.5E6	42625566	168.763	9.965 #
29)	L6 AR-1254-4	7.451	6.576	43528630	53701476	23.896	26.943
30)	L6 AR-1254-5	7.731	6.666	96774050	82278882	73.349	29.343 #
31)	L7 AR-1260-1	7.321	6.172	4689576	11593324	3.029	3.568
32)	L7 AR-1260-2	7.596	6.360	73501035	514.4E6	35.581	133.365 #
33)	L7 AR-1260-3	7.812	6.542	62991179	25463244	29.080	7.884 #
34)	L7 AR-1260-4	0.000	6.955	0	57332079	N.D.	29.779 #
35)	L7 AR-1260-5	0.000	7.196	0	75747282	N.D.	19.424 #
36)	L8 AR-1262-1	7.221	6.060	22242040	36145359	20.652	15.966
37)	L8 AR-1262-2	7.940	6.740	22931546	100.7E6	22.210	63.086 #
38)	L8 AR-1262-3	0.000	7.091	0	85119656	N.D.	101.035 #
39)	L8 AR-1262-4	0.000	7.551	0	365.7E6	N.D.	238.206 #
41)	L9 AR-1268-1	7.940	6.740	22931546	100.7E6	30.963	85.806 #
42)	L9 AR-1268-2	0.000	7.551	0	365.7E6	N.D.	128.631 #

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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
44) L9	AR-1268-4	9.100	0.000	96328861	0	30.846	N.D. #
45) L9	AR-1268-5	10.047	8.270	24322693	3116309	2.624	0.498 #

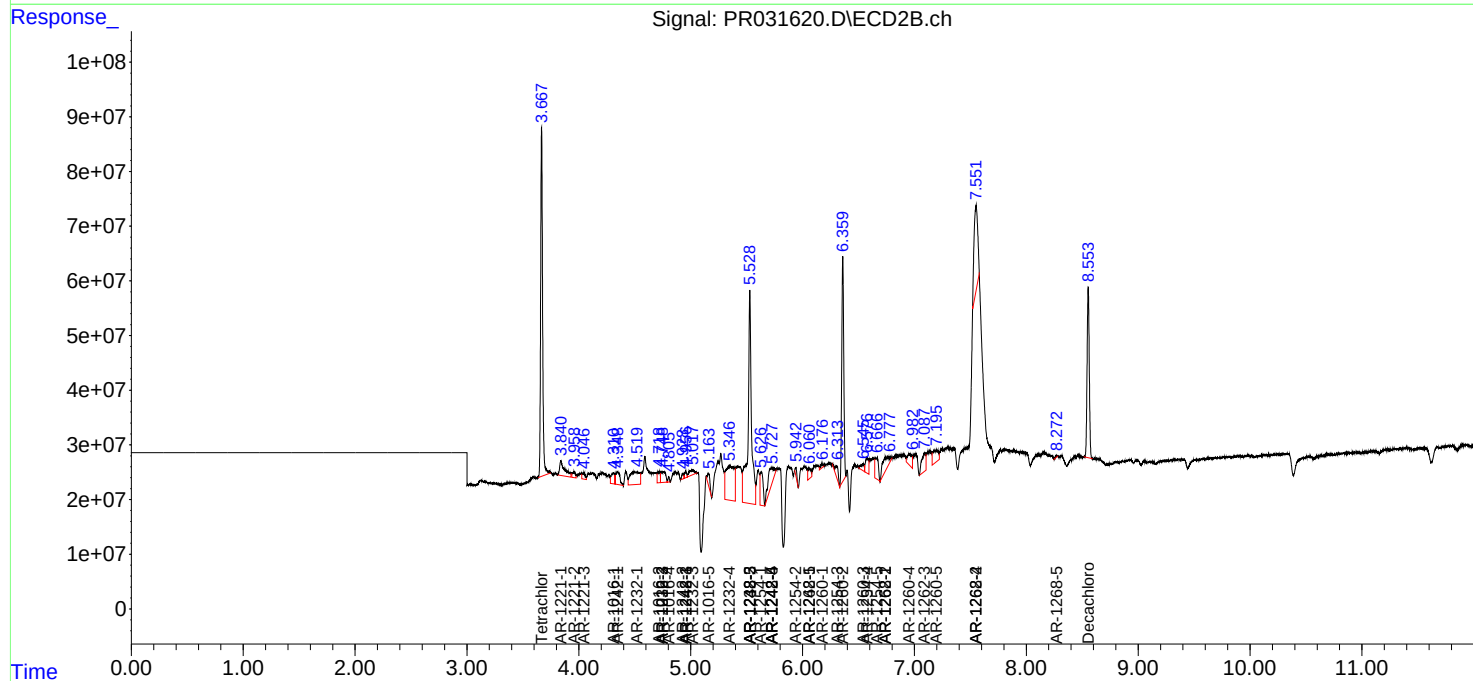
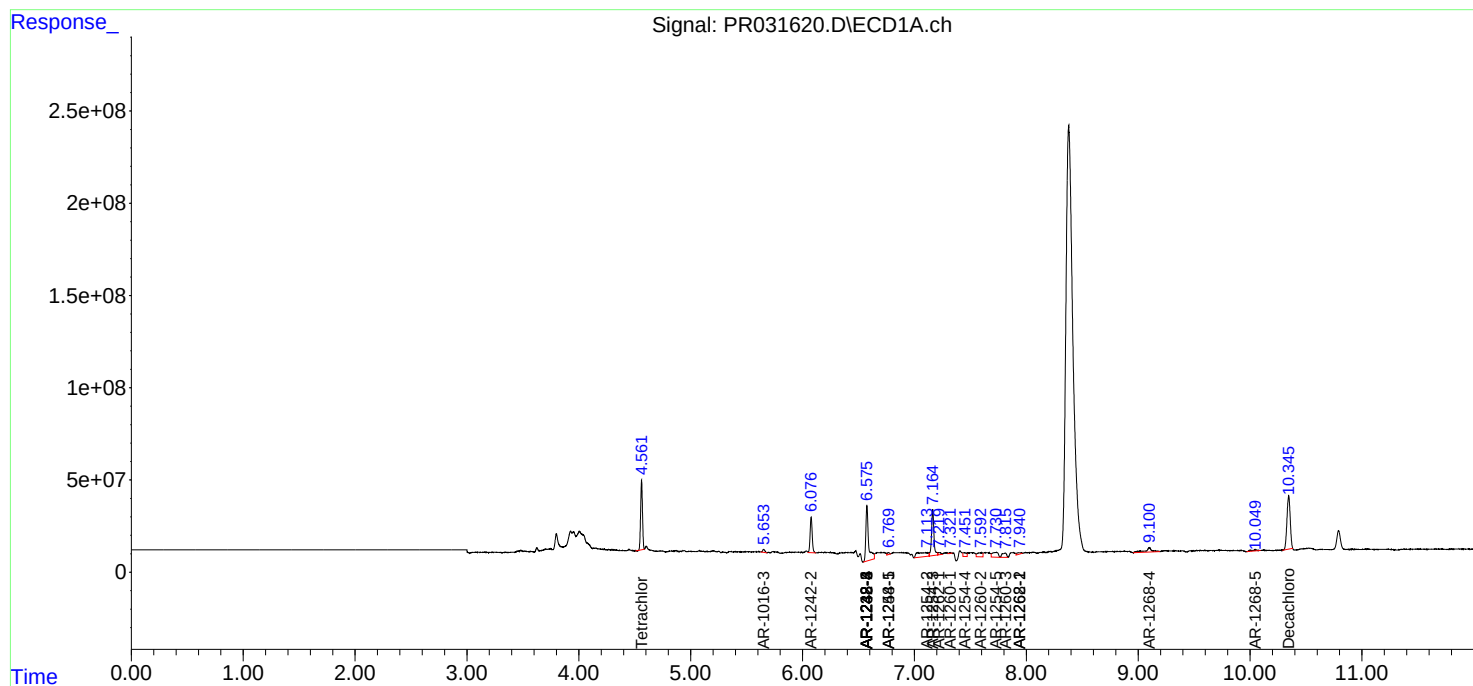
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

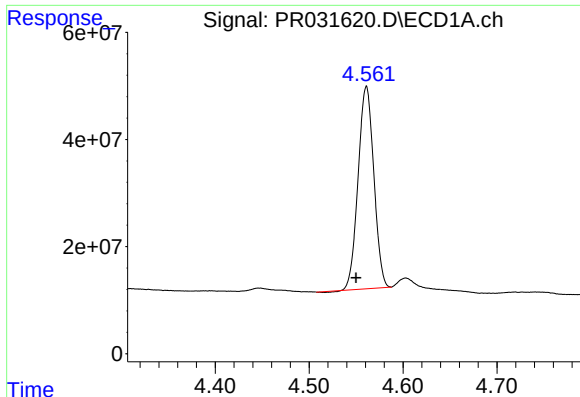
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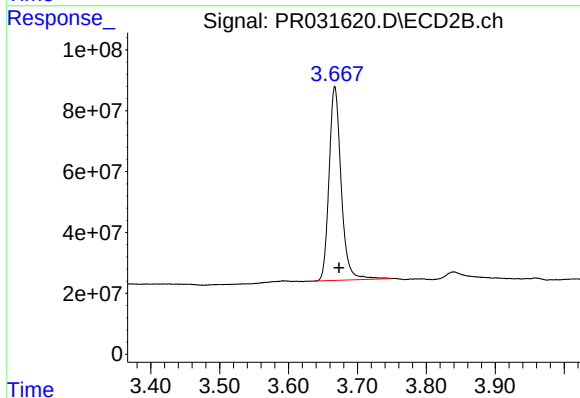




#1 Tetrachloro-m-xylene

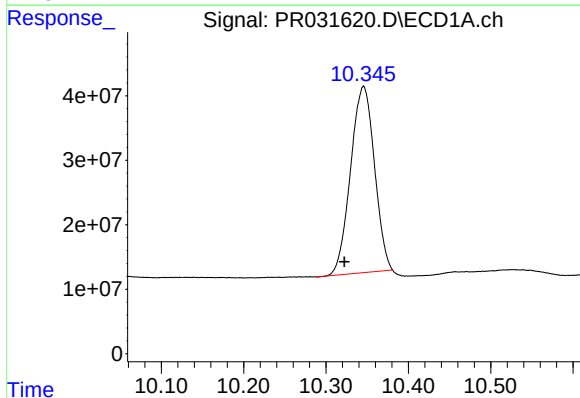
R.T.: 4.561 min
Delta R.T.: 0.011 min
Response: 438401702
Conc: 20.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



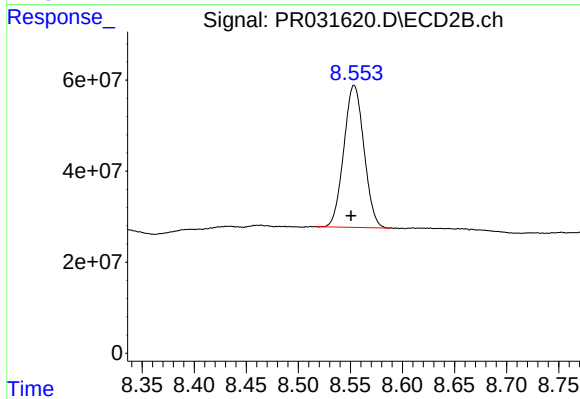
#1 Tetrachloro-m-xylene

R.T.: 3.667 min
Delta R.T.: -0.006 min
Response: 776498316
Conc: 20.24 ng/ml



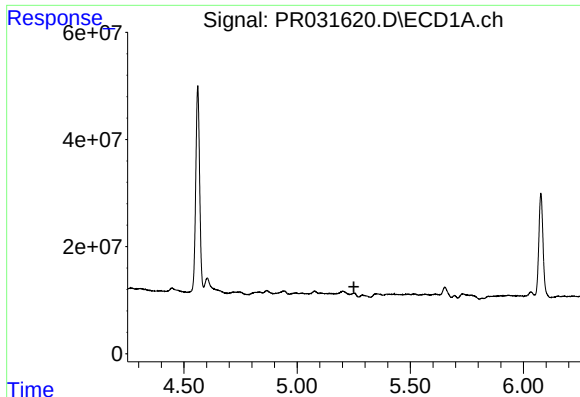
#2 Decachlorobiphenyl

R.T.: 10.345 min
Delta R.T.: 0.023 min
Response: 584532668
Conc: 18.83 ng/ml



#2 Decachlorobiphenyl

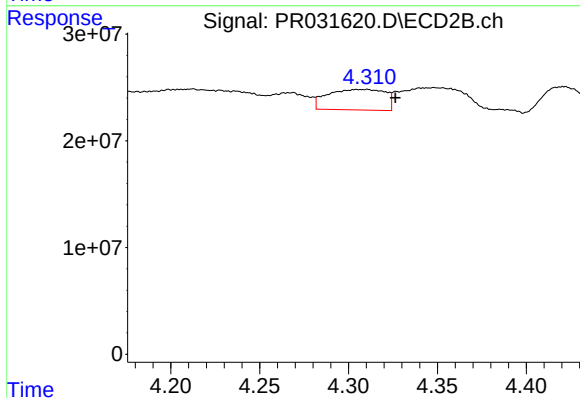
R.T.: 8.554 min
Delta R.T.: 0.003 min
Response: 419836894
Conc: 20.66 ng/ml



#3 AR-1016-1

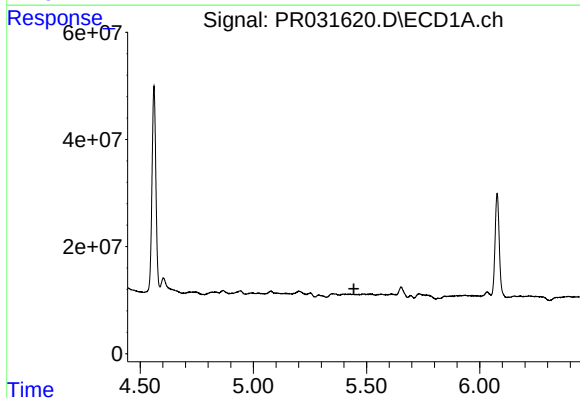
R.T.: 0.000 min
Exp R.T.: 5.251 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



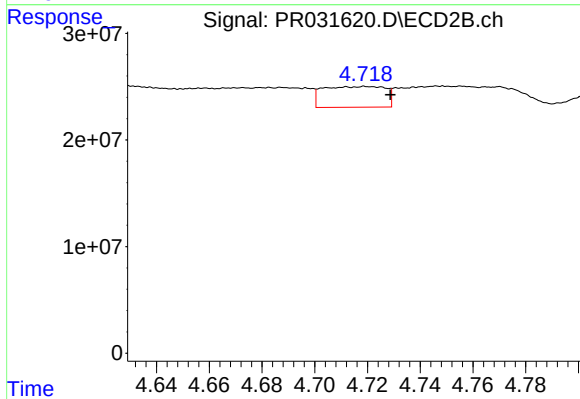
#3 AR-1016-1

R.T.: 4.310 min
Delta R.T.: -0.016 min
Response: 43488338
Conc: 37.68 ng/ml



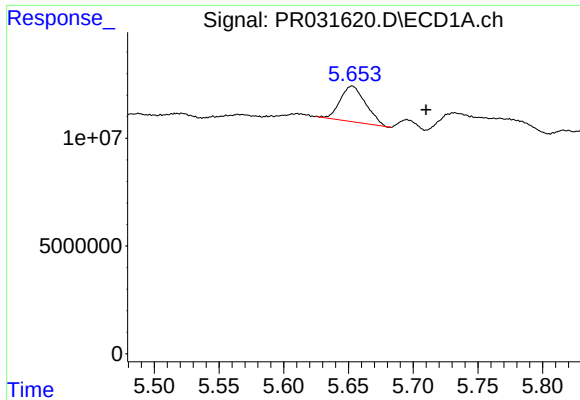
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.444 min
Response: 0
Conc: N.D.



#4 AR-1016-2

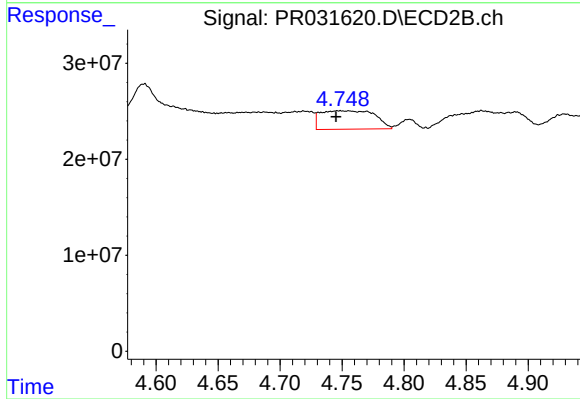
R.T.: 4.719 min
Delta R.T.: -0.009 min
Response: 31964476
Conc: 18.86 ng/ml



#5 AR-1016-3

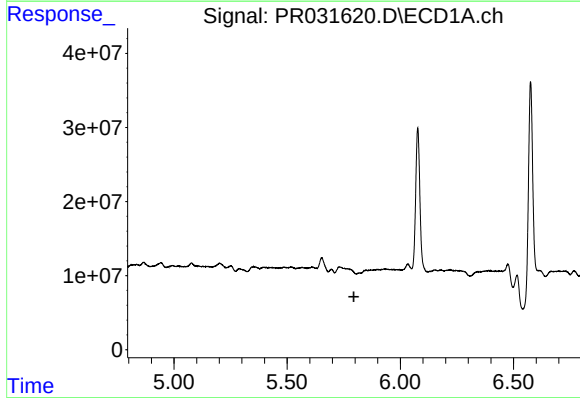
R.T.: 5.653 min
Delta R.T.: -0.057 min
Response: 22794389
Conc: 24.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



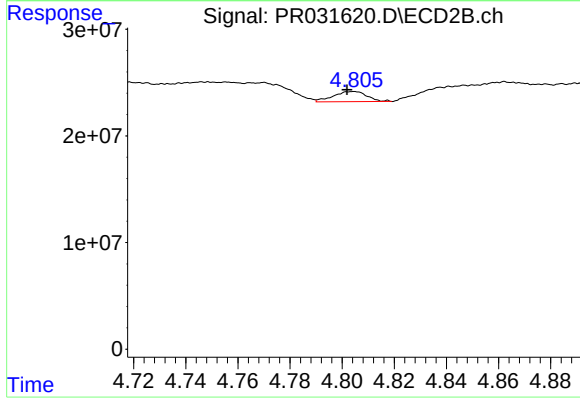
#5 AR-1016-3

R.T.: 4.748 min
Delta R.T.: 0.003 min
Response: 58383151
Conc: 19.51 ng/ml



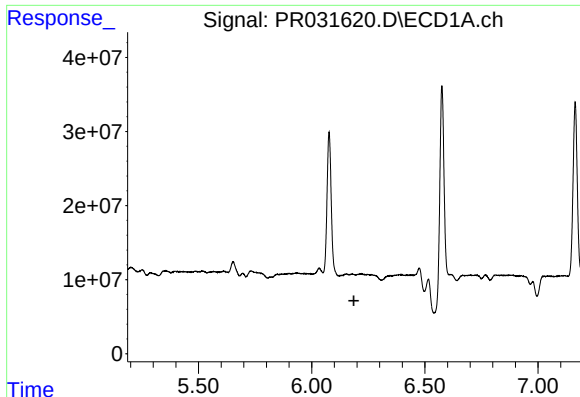
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.795 min
Response: 0
Conc: N.D.



#6 AR-1016-4

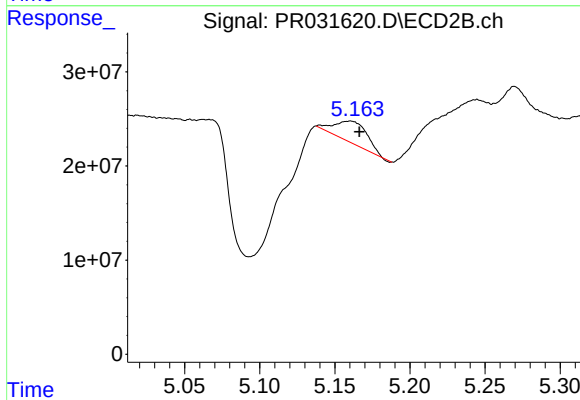
R.T.: 4.804 min
Delta R.T.: 0.002 min
Response: 8554903
Conc: 4.83 ng/ml



#7 AR-1016-5

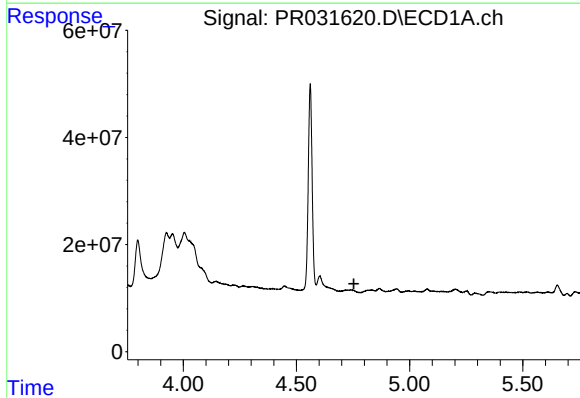
R.T.: 0.000 min
Exp R.T.: 6.186 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



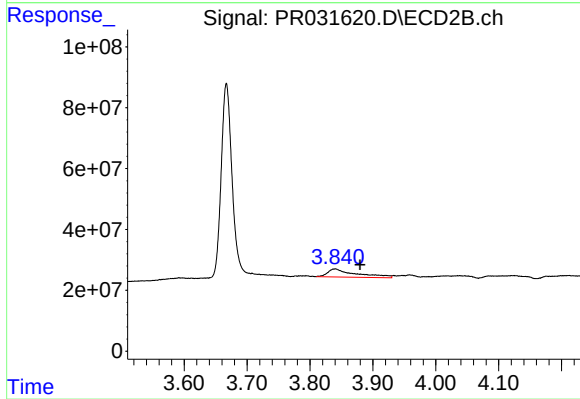
#7 AR-1016-5

R.T.: 5.160 min
Delta R.T.: -0.006 min
Response: 34871960
Conc: 21.71 ng/ml



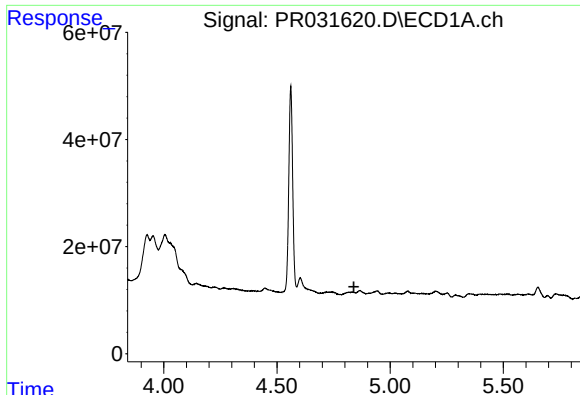
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.754 min
Response: 0
Conc: N.D.



#8 AR-1221-1

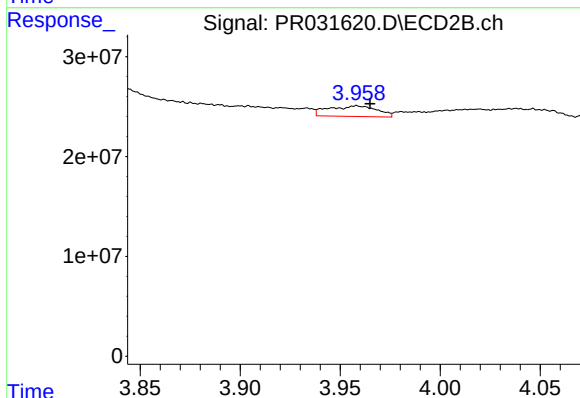
R.T.: 3.840 min
Delta R.T.: -0.040 min
Response: 83424722
Conc: 175.36 ng/ml



#9 AR-1221-2

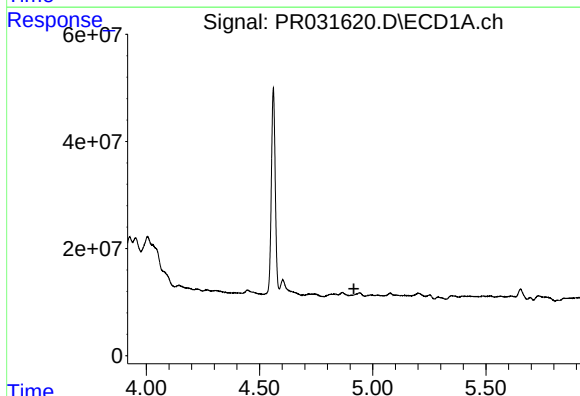
R.T.: 0.000 min
Exp R.T.: 4.840 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



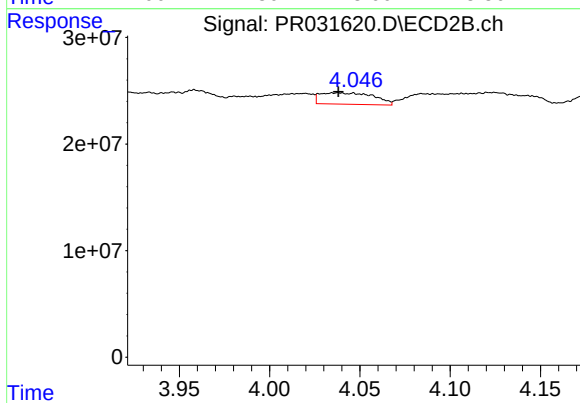
#9 AR-1221-2

R.T.: 3.958 min
Delta R.T.: -0.007 min
Response: 17823356
Conc: 49.50 ng/ml



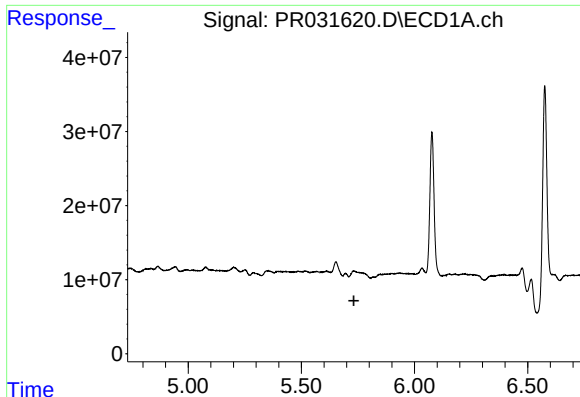
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.917 min
Response: 0
Conc: N.D.



#10 AR-1221-3

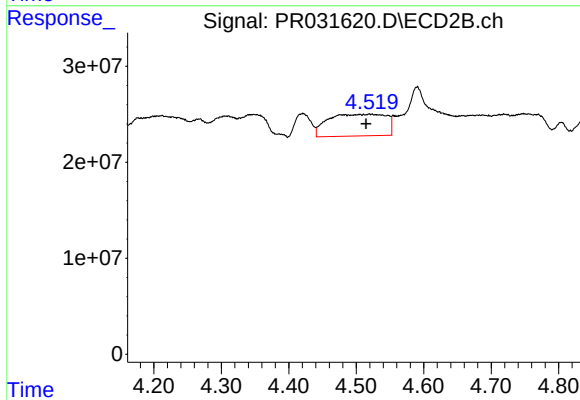
R.T.: 4.038 min
Delta R.T.: 0.000 min
Response: 21935741
Conc: 19.10 ng/ml



#11 AR-1232-1

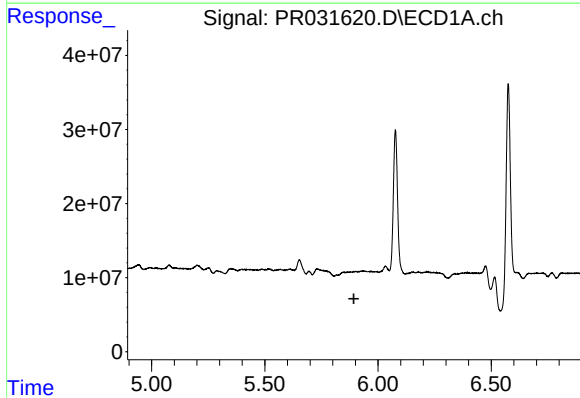
R.T.: 0.000 min
Exp R.T.: 5.732 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



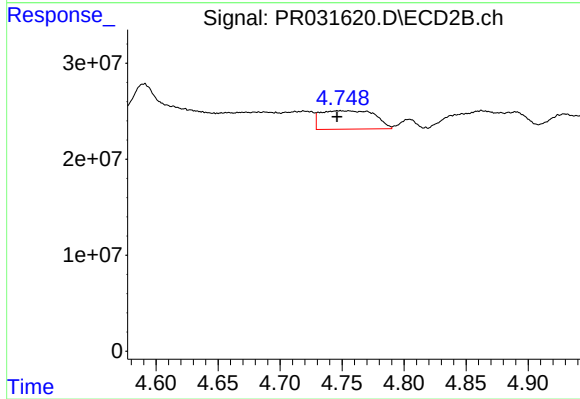
#11 AR-1232-1

R.T.: 4.519 min
Delta R.T.: 0.005 min
Response: 136027639
Conc: 213.82 ng/ml



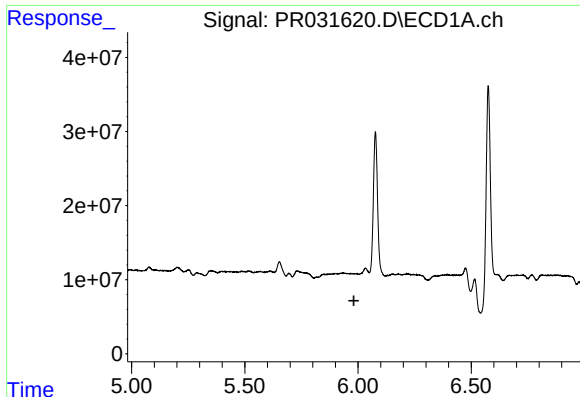
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.893 min
Response: 0
Conc: N.D.



#12 AR-1232-2

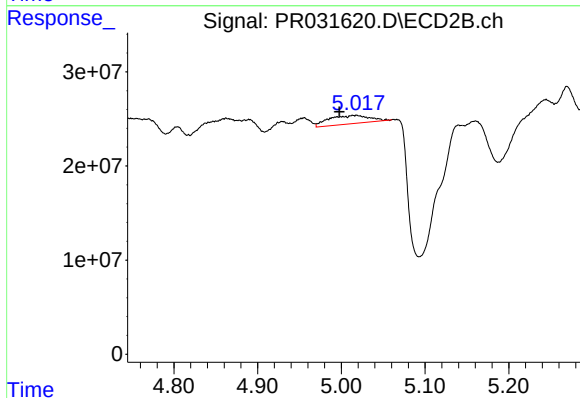
R.T.: 4.748 min
Delta R.T.: 0.002 min
Response: 58383151
Conc: 42.08 ng/ml



#13 AR-1232-3

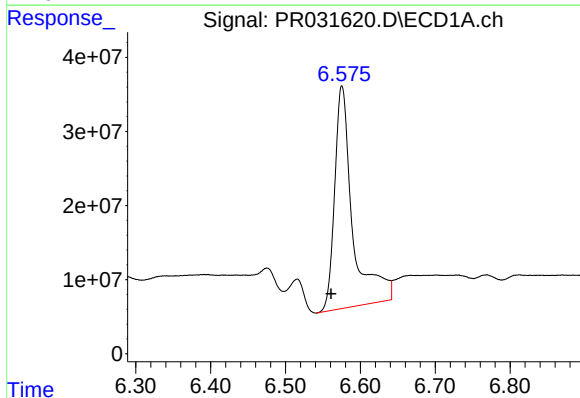
R.T.: 0.000 min
Exp R.T.: 5.982 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



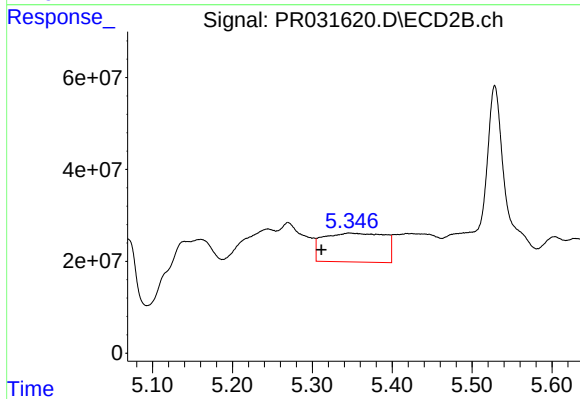
#13 AR-1232-3

R.T.: 5.018 min
Delta R.T.: 0.021 min
Response: 30118660
Conc: 50.67 ng/ml



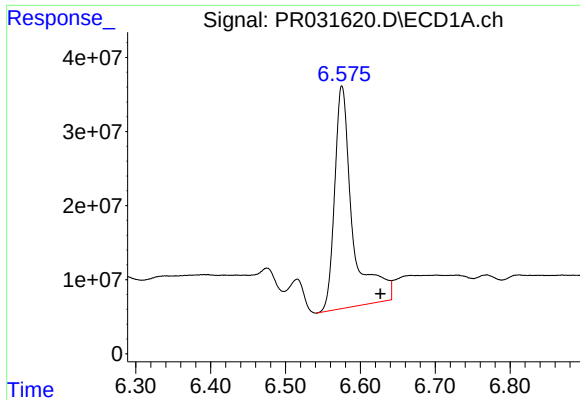
#14 AR-1232-4

R.T.: 6.575 min
Delta R.T.: 0.015 min
Response: 503986347
Conc: 2138.59 ng/ml



#14 AR-1232-4

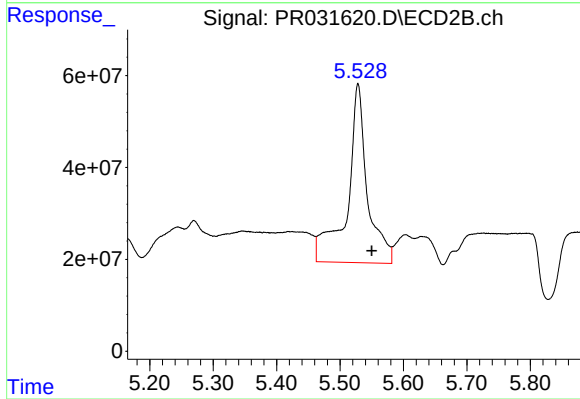
R.T.: 5.346 min
Delta R.T.: 0.035 min
Response: 335383362
Conc: 433.53 ng/ml



#15 AR-1232-5

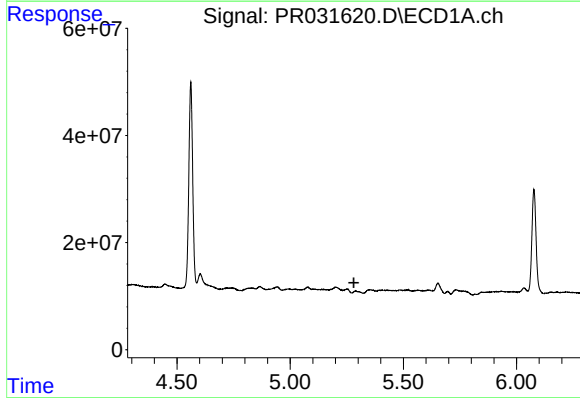
R.T.: 6.575 min
Delta R.T.: -0.051 min
Response: 503986347
Conc: 1451.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



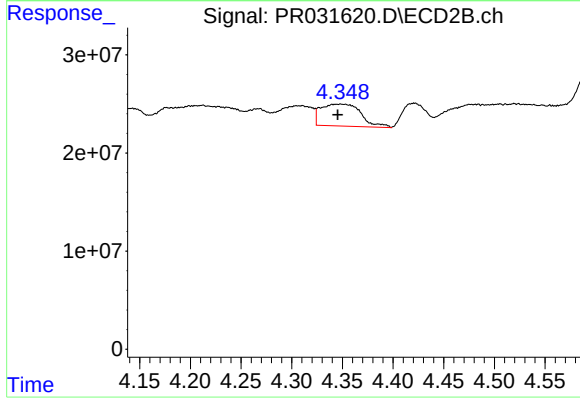
#15 AR-1232-5

R.T.: 5.528 min
Delta R.T.: -0.021 min
Response: 854971868
Conc: 1127.29 ng/ml



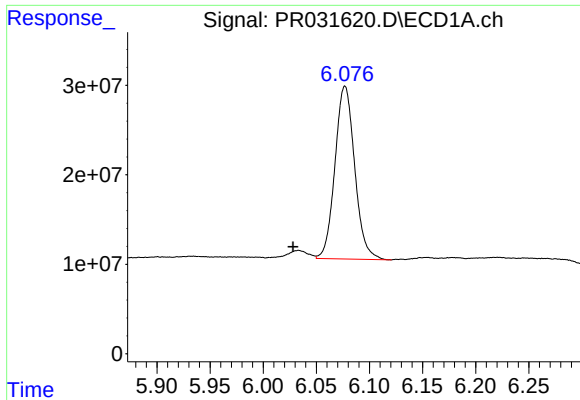
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.282 min
Response: 0
Conc: N.D.



#16 AR-1242-1

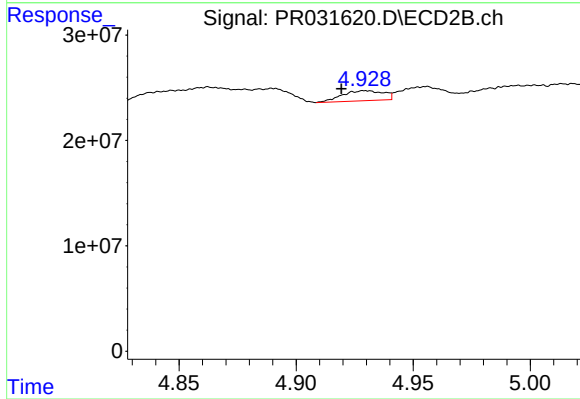
R.T.: 4.348 min
Delta R.T.: 0.003 min
Response: 61522277
Conc: 106.48 ng/ml



#17 AR-1242-2

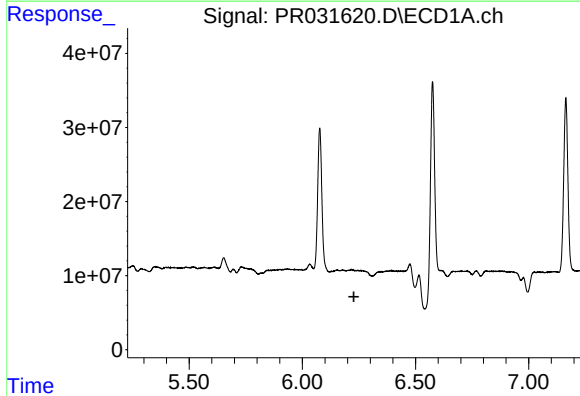
R.T.: 6.077 min
Delta R.T.: 0.049 min
Response: 249907076
Conc: 521.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



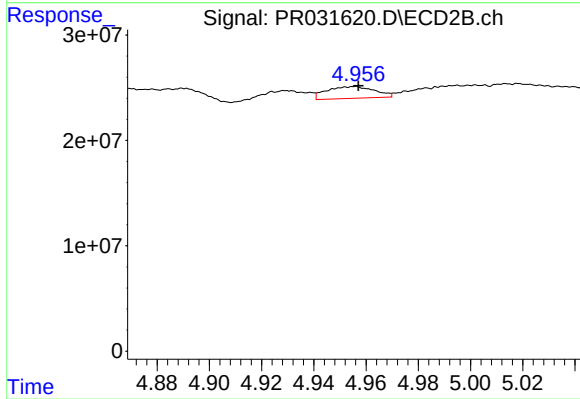
#17 AR-1242-2

R.T.: 4.930 min
Delta R.T.: 0.010 min
Response: 11692123
Conc: 10.25 ng/ml



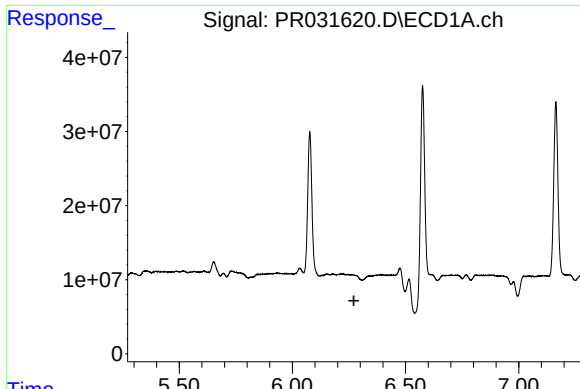
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.228 min
Response: 0
Conc: N.D.



#18 AR-1242-3

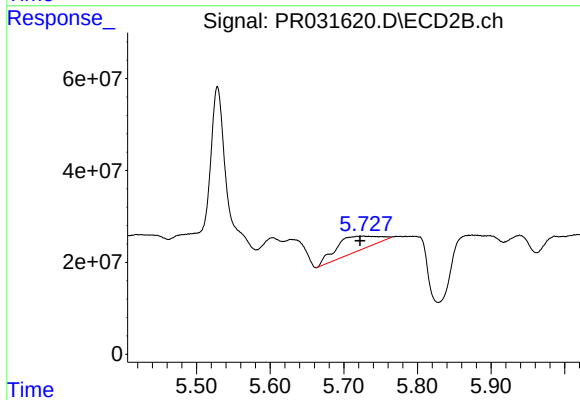
R.T.: 4.955 min
Delta R.T.: -0.002 min
Response: 14278644
Conc: 15.42 ng/ml



#19 AR-1242-4

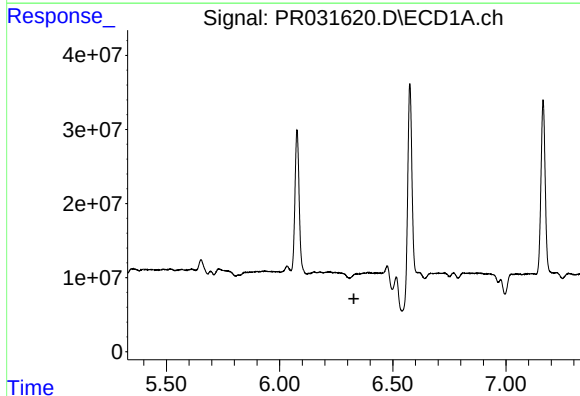
R.T.: 0.000 min
Exp R.T. : 6.272 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



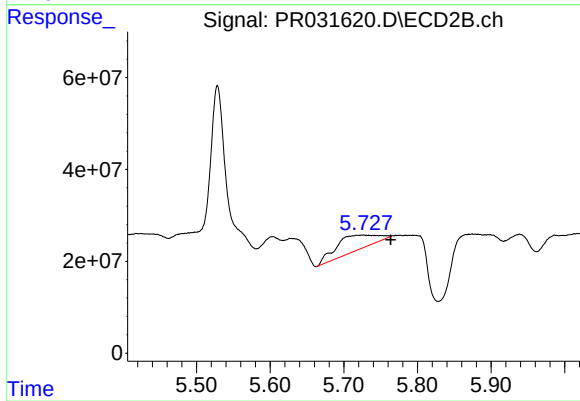
#19 AR-1242-4

R.T.: 5.726 min
Delta R.T.: 0.005 min
Response: 126253094
Conc: 101.03 ng/ml



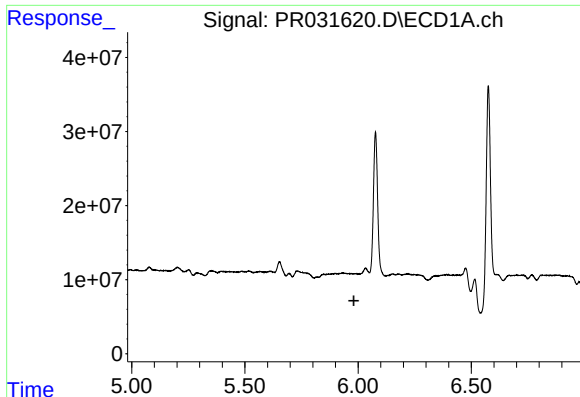
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.328 min
Response: 0
Conc: N.D.



#20 AR-1242-5

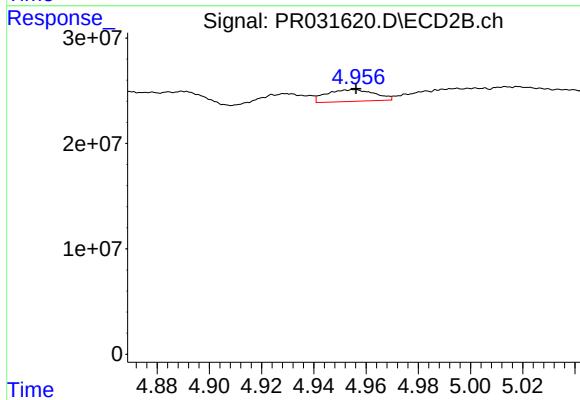
R.T.: 5.726 min
Delta R.T.: -0.037 min
Response: 126253094
Conc: 151.12 ng/ml



#21 AR-1248-1

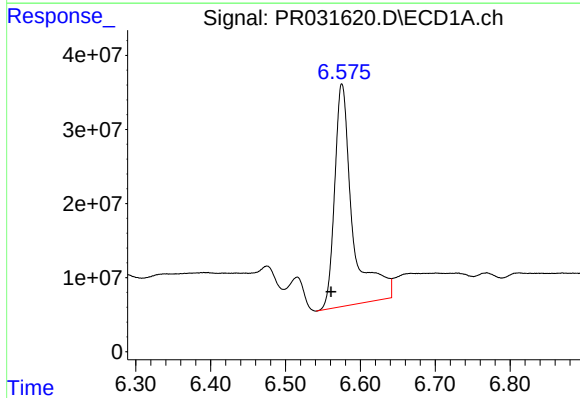
R.T.: 0.000 min
Exp R.T.: 5.982 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



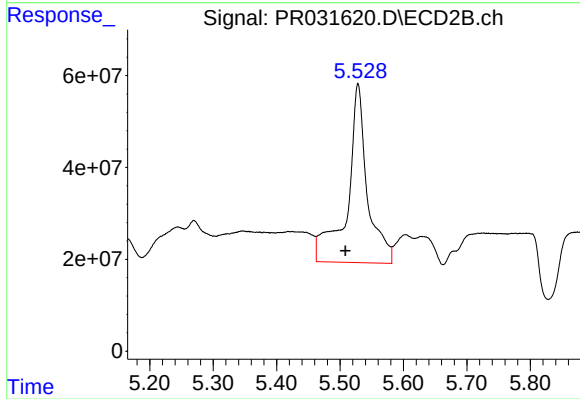
#21 AR-1248-1

R.T.: 4.955 min
Delta R.T.: 0.000 min
Response: 14278644
Conc: 8.80 ng/ml



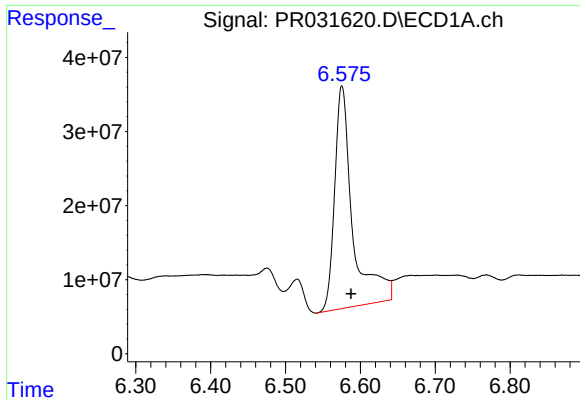
#22 AR-1248-2

R.T.: 6.575 min
Delta R.T.: 0.014 min
Response: 503986347
Conc: 601.36 ng/ml



#22 AR-1248-2

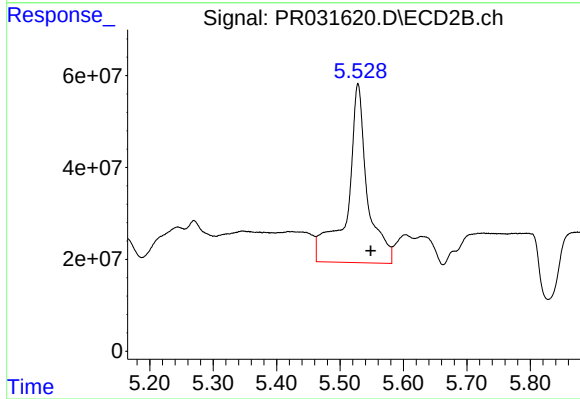
R.T.: 5.528 min
Delta R.T.: 0.020 min
Response: 854971868
Conc: 263.66 ng/ml



#23 AR-1248-3

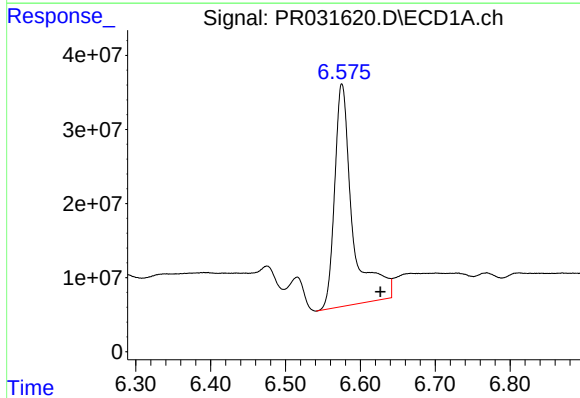
R.T.: 6.575 min
Delta R.T.: -0.012 min
Response: 503986347
Conc: 446.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



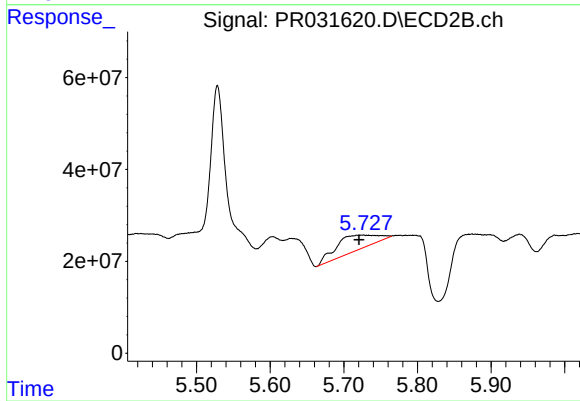
#23 AR-1248-3

R.T.: 5.528 min
Delta R.T.: -0.020 min
Response: 854971868
Conc: 368.28 ng/ml



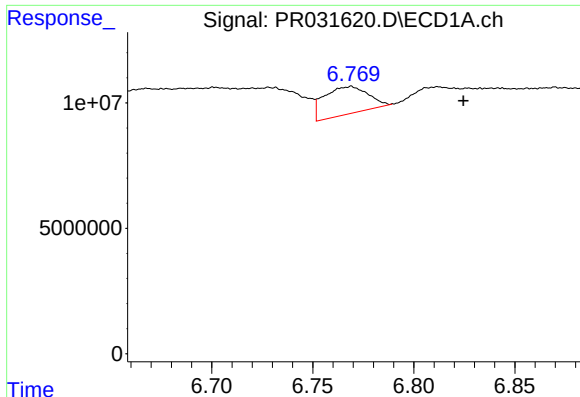
#24 AR-1248-4

R.T.: 6.575 min
Delta R.T.: -0.051 min
Response: 503986347
Conc: 473.56 ng/ml



#24 AR-1248-4

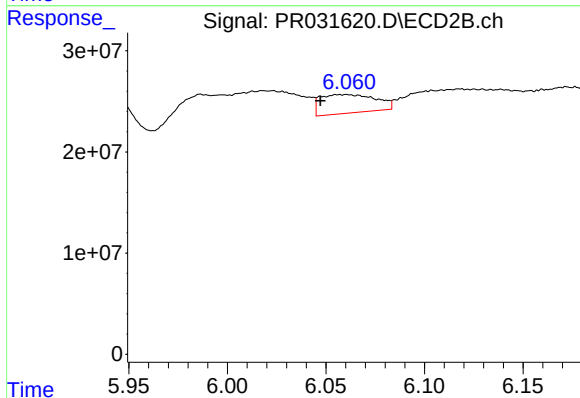
R.T.: 5.726 min
Delta R.T.: 0.006 min
Response: 126253094
Conc: 54.17 ng/ml



#25 AR-1248-5

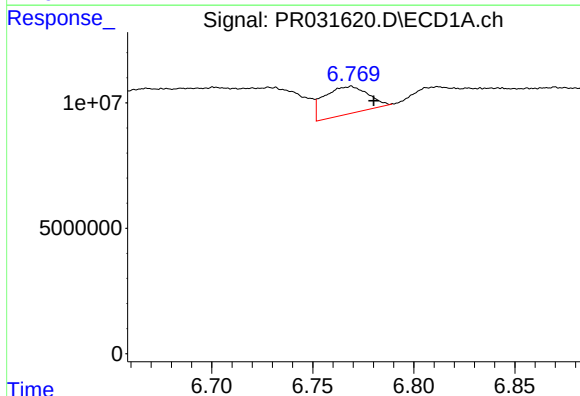
R.T.: 6.769 min
Delta R.T.: -0.056 min
Response: 16660843
Conc: 23.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



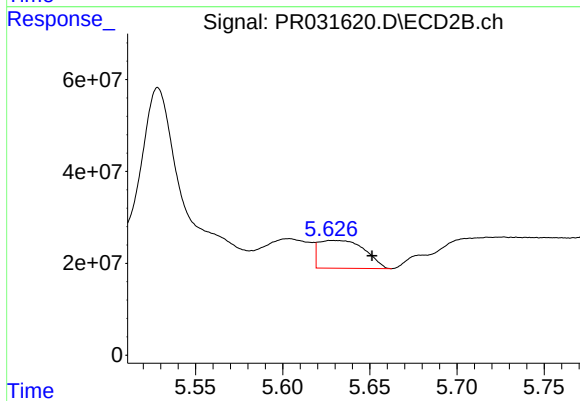
#25 AR-1248-5

R.T.: 6.060 min
Delta R.T.: 0.013 min
Response: 36145359
Conc: 23.77 ng/ml



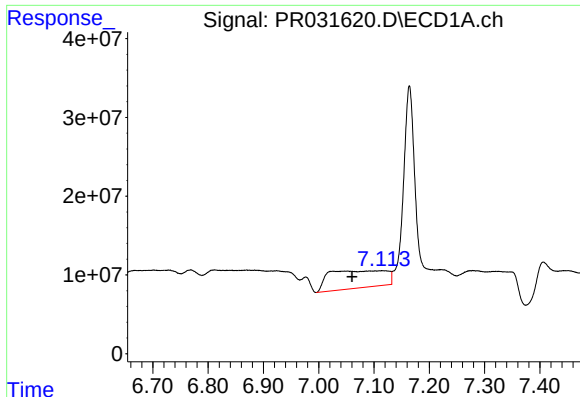
#26 AR-1254-1

R.T.: 6.769 min
Delta R.T.: -0.011 min
Response: 16660843
Conc: 8.65 ng/ml



#26 AR-1254-1

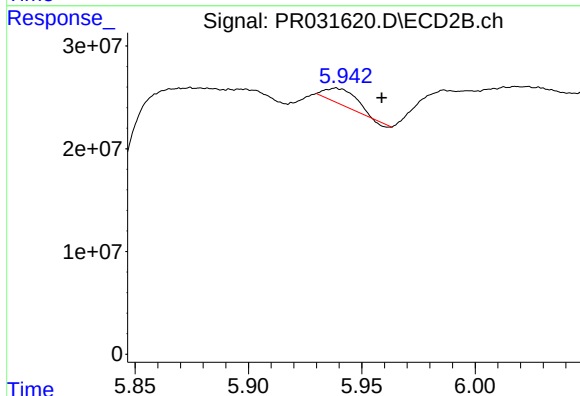
R.T.: 5.629 min
Delta R.T.: -0.023 min
Response: 111148893
Conc: 32.55 ng/ml



#27 AR-1254-2

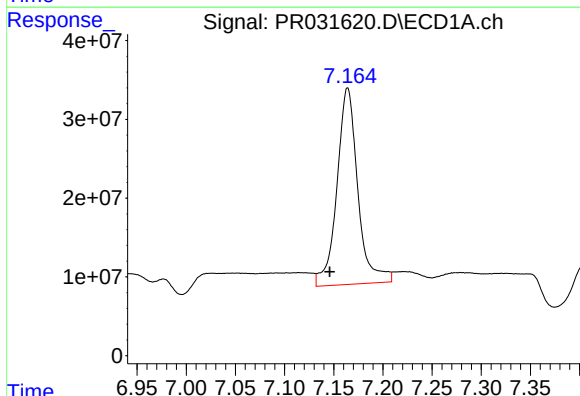
R.T.: 7.115 min
Delta R.T.: 0.055 min
Response: 159853655
Conc: 130.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



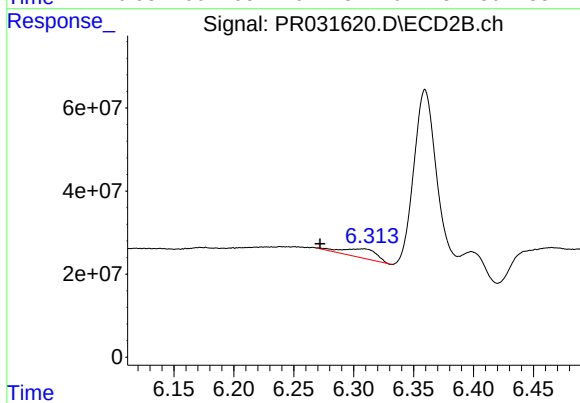
#27 AR-1254-2

R.T.: 5.939 min
Delta R.T.: -0.020 min
Response: 14161767
Conc: 5.82 ng/ml



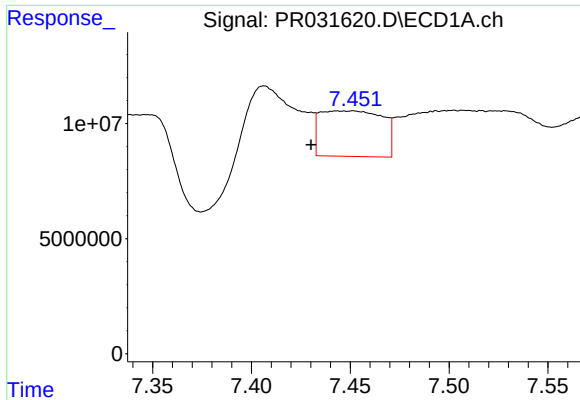
#28 AR-1254-3

R.T.: 7.164 min
Delta R.T.: 0.018 min
Response: 369471542
Conc: 168.76 ng/ml



#28 AR-1254-3

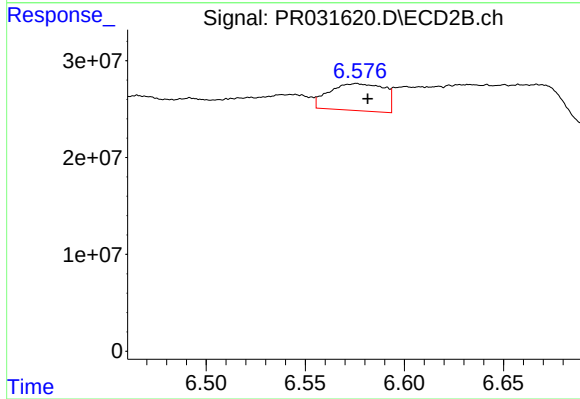
R.T.: 6.308 min
Delta R.T.: 0.036 min
Response: 42625566
Conc: 9.96 ng/ml



#29 AR-1254-4

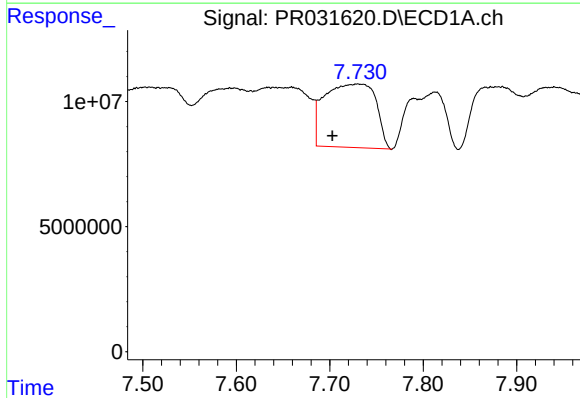
R.T.: 7.451 min
Delta R.T.: 0.021 min
Response: 43528630
Conc: 23.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



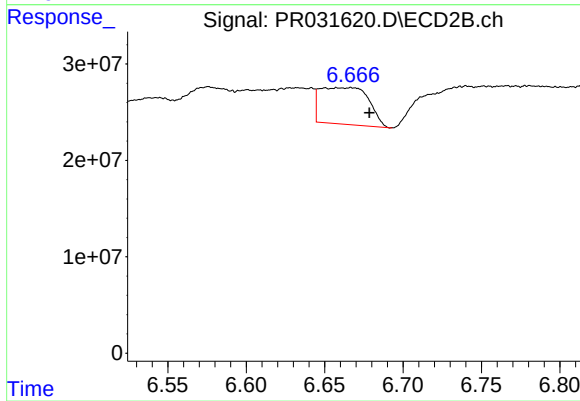
#29 AR-1254-4

R.T.: 6.576 min
Delta R.T.: -0.006 min
Response: 53701476
Conc: 26.94 ng/ml



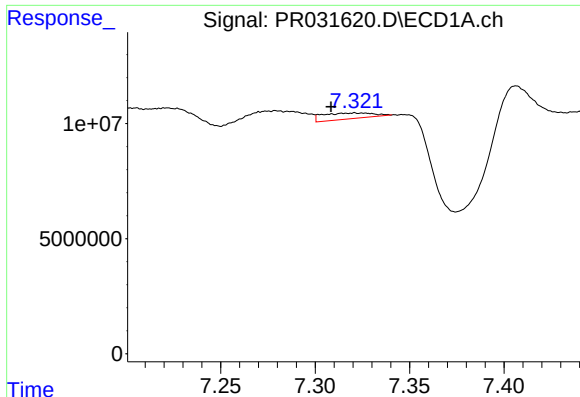
#30 AR-1254-5

R.T.: 7.731 min
Delta R.T.: 0.028 min
Response: 96774050
Conc: 73.35 ng/ml



#30 AR-1254-5

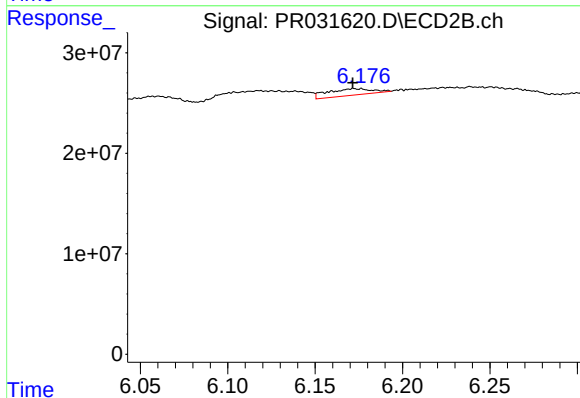
R.T.: 6.666 min
Delta R.T.: -0.012 min
Response: 82278882
Conc: 29.34 ng/ml



#31 AR-1260-1

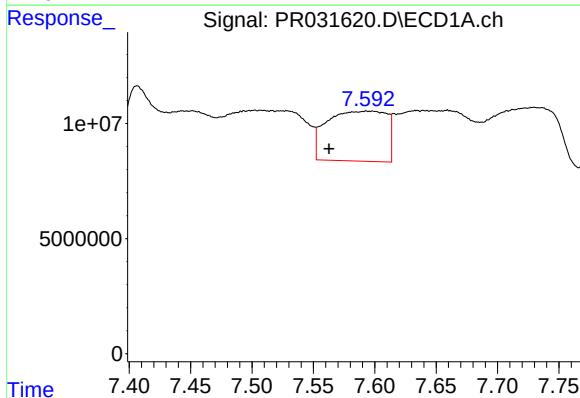
R.T.: 7.321 min
Delta R.T.: 0.013 min
Response: 4689576
Conc: 3.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



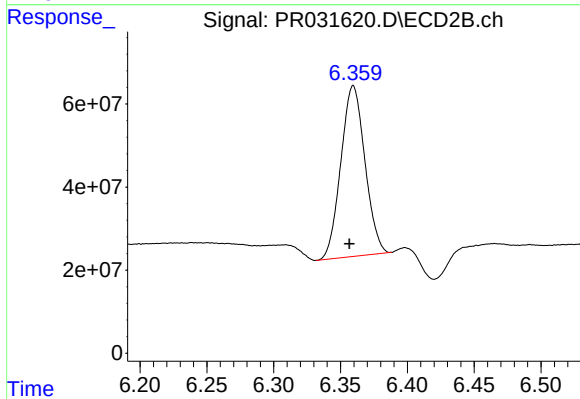
#31 AR-1260-1

R.T.: 6.172 min
Delta R.T.: 0.000 min
Response: 11593324
Conc: 3.57 ng/ml



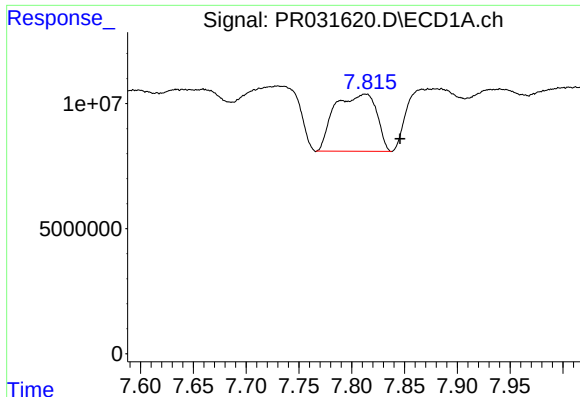
#32 AR-1260-2

R.T.: 7.596 min
Delta R.T.: 0.033 min
Response: 73501035
Conc: 35.58 ng/ml



#32 AR-1260-2

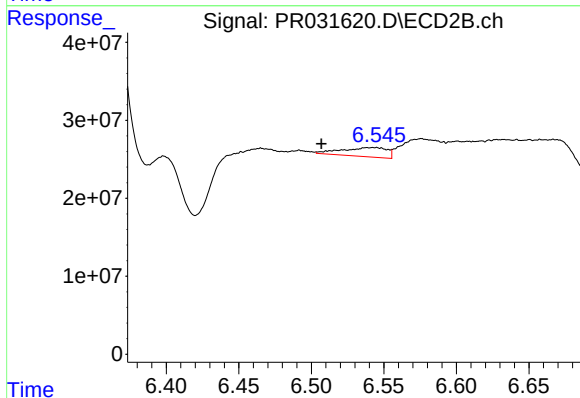
R.T.: 6.360 min
Delta R.T.: 0.003 min
Response: 514438769
Conc: 133.37 ng/ml



#33 AR-1260-3

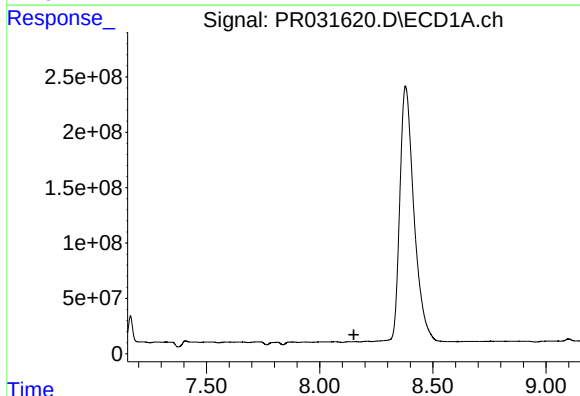
R.T.: 7.812 min
Delta R.T.: -0.033 min
Response: 62991179
Conc: 29.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



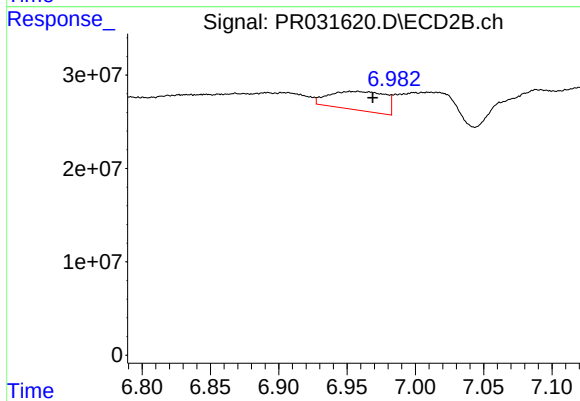
#33 AR-1260-3

R.T.: 6.542 min
Delta R.T.: 0.035 min
Response: 25463244
Conc: 7.88 ng/ml



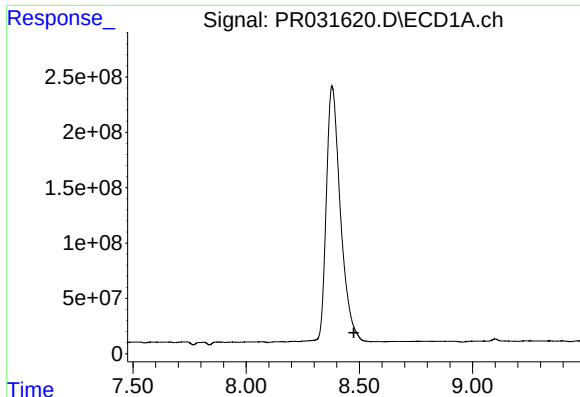
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 8.151 min
Response: 0
Conc: N.D.



#34 AR-1260-4

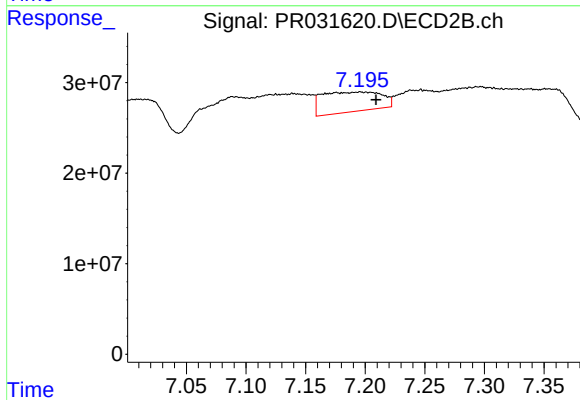
R.T.: 6.955 min
Delta R.T.: -0.014 min
Response: 57332079
Conc: 29.78 ng/ml



#35 AR-1260-5

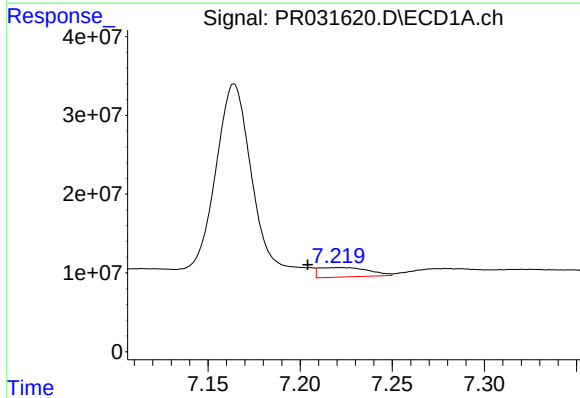
R.T.: 0.000 min
Exp R.T.: 8.476 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



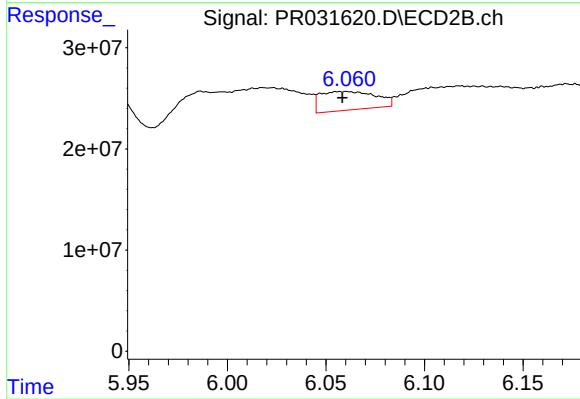
#35 AR-1260-5

R.T.: 7.196 min
Delta R.T.: -0.013 min
Response: 75747282
Conc: 19.42 ng/ml



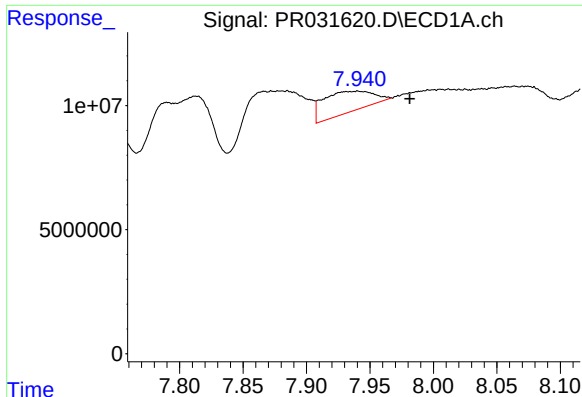
#36 AR-1262-1

R.T.: 7.221 min
Delta R.T.: 0.017 min
Response: 22242040
Conc: 20.65 ng/ml



#36 AR-1262-1

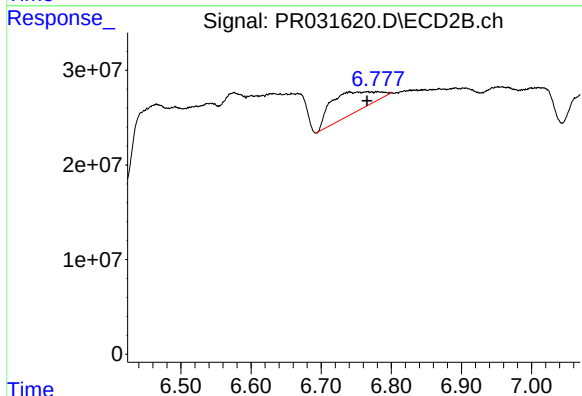
R.T.: 6.060 min
Delta R.T.: 0.002 min
Response: 36145359
Conc: 15.97 ng/ml



#37 AR-1262-2

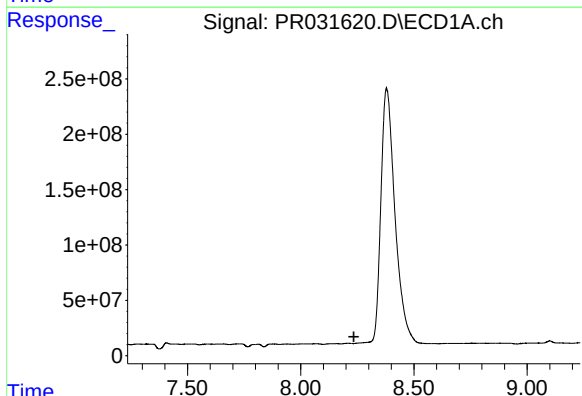
R.T.: 7.940 min
Delta R.T.: -0.041 min
Response: 22931546
Conc: 22.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



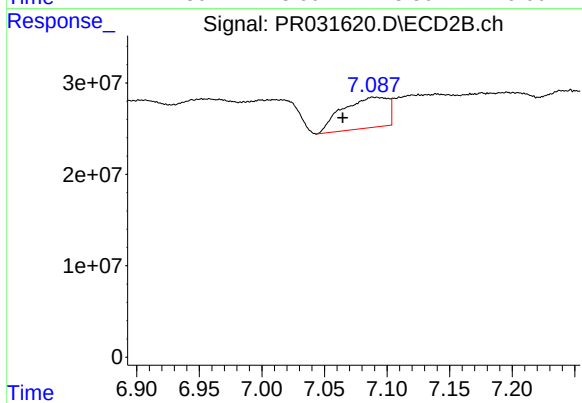
#37 AR-1262-2

R.T.: 6.740 min
Delta R.T.: -0.025 min
Response: 100693714
Conc: 63.09 ng/ml



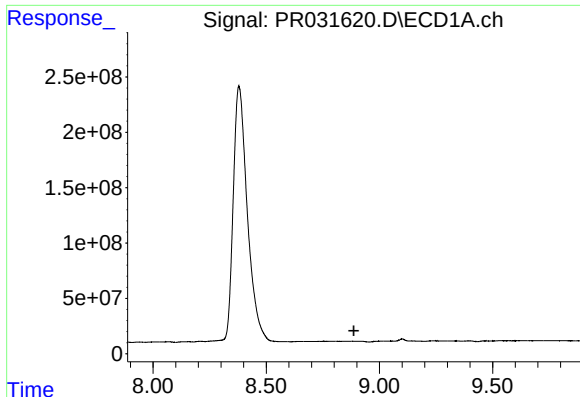
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.235 min
Response: 0
Conc: N.D.



#38 AR-1262-3

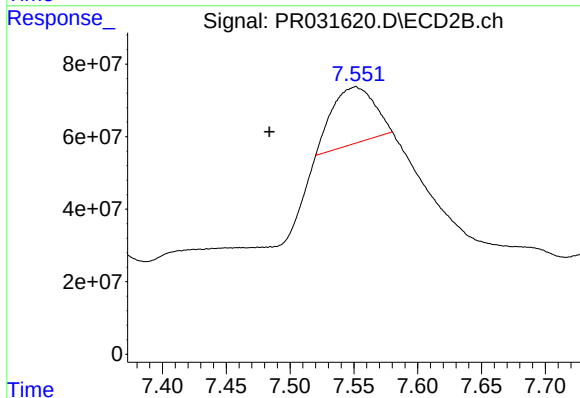
R.T.: 7.091 min
Delta R.T.: 0.026 min
Response: 85119656
Conc: 101.03 ng/ml



#39 AR-1262-4

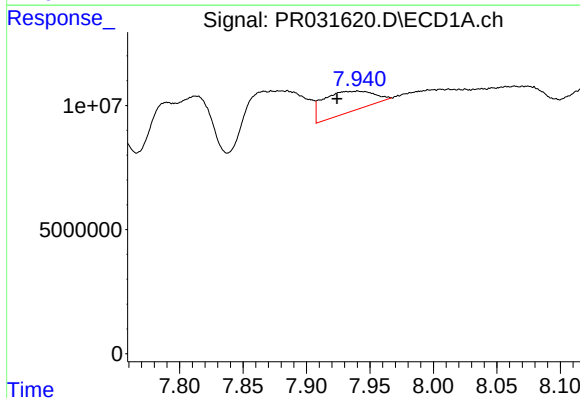
R.T.: 0.000 min
Exp R.T.: 8.887 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



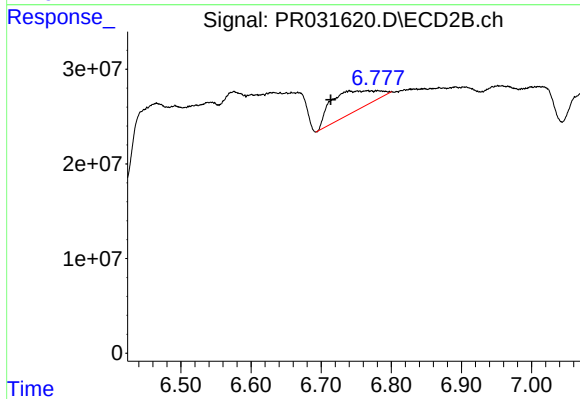
#39 AR-1262-4

R.T.: 7.551 min
Delta R.T.: 0.067 min
Response: 365727941
Conc: 238.21 ng/ml



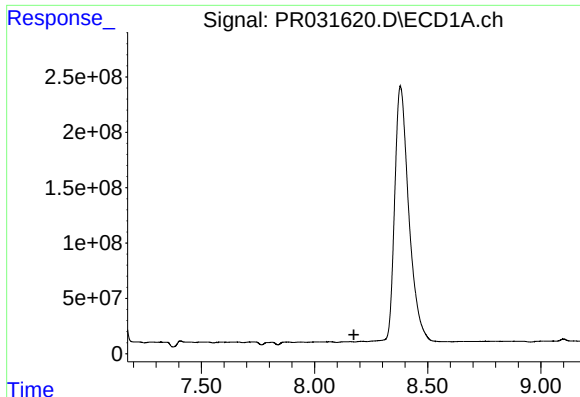
#41 AR-1268-1

R.T.: 7.940 min
Delta R.T.: 0.016 min
Response: 22931546
Conc: 30.96 ng/ml



#41 AR-1268-1

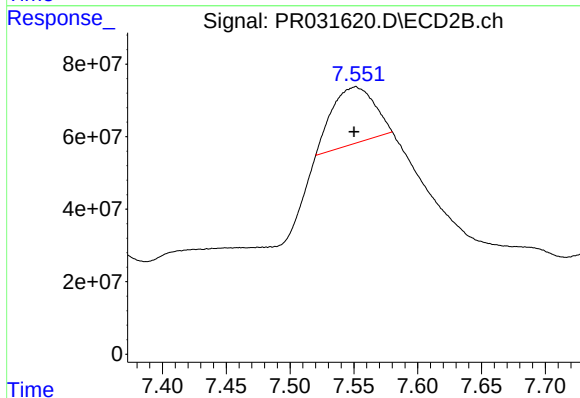
R.T.: 6.740 min
Delta R.T.: 0.027 min
Response: 100693714
Conc: 85.81 ng/ml



#42 AR-1268-2

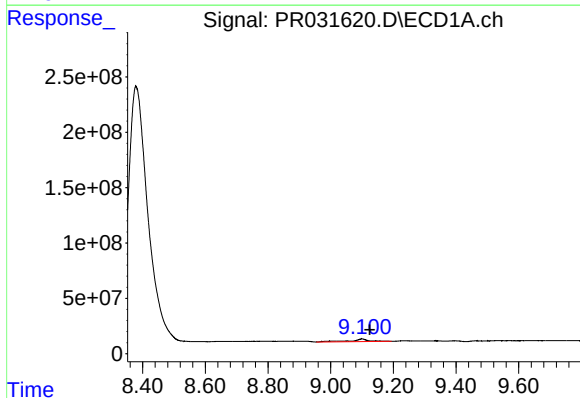
R.T.: 0.000 min
Exp R.T.: 8.174 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



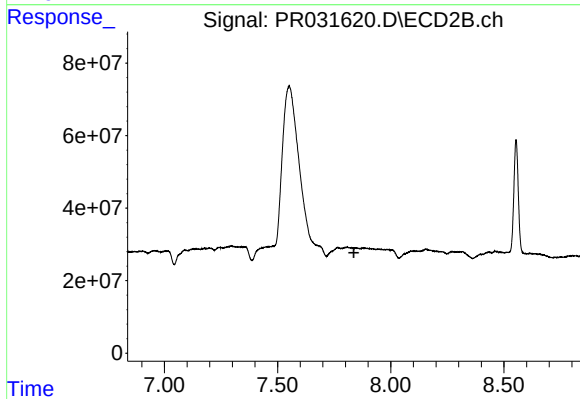
#42 AR-1268-2

R.T.: 7.551 min
Delta R.T.: 0.000 min
Response: 365727941
Conc: 128.63 ng/ml



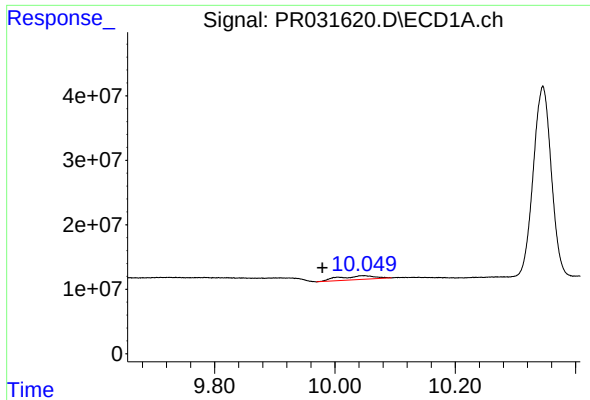
#44 AR-1268-4

R.T.: 9.100 min
Delta R.T.: -0.025 min
Response: 96328861
Conc: 30.85 ng/ml



#44 AR-1268-4

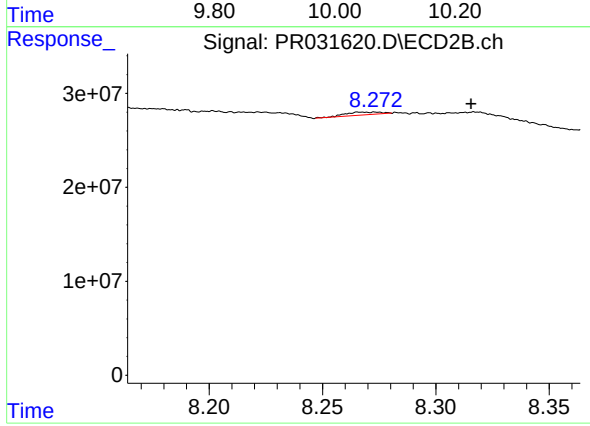
R.T.: 0.000 min
Exp R.T.: 7.837 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.047 min
Delta R.T.: 0.067 min
Response: 24322693
Conc: 2.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.270 min
Delta R.T.: -0.045 min
Response: 3116309
Conc: 0.50 ng/ml