

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040823\
 Data File : PR060745.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2023 23:24
 Operator : AJ\MA
 Sample : 02213-01
 Misc : AR1262 LOD 40 PPB
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 02:03:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 07 15:47:54 2023
 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...	3.688	2.900	64744382	81853986	21.207	19.234
2) SA Decachlor...	9.659	8.128	64131659	89890541	22.607	20.677
Target Compounds						
3) L1 AR-1016-1	4.949f	4.010	738568	255247	6.672	1.726 #
4) L1 AR-1016-2	4.949	4.025	738568	363343	4.746	1.713 #
5) L1 AR-1016-3	5.014	4.205	330315	164123	3.386	1.489 #
6) L1 AR-1016-4	0.000	4.256	0	268973	N.D.	3.146 #
7) L1 AR-1016-5	5.430	4.471	134370	255328	1.689	2.236 #
8) L2 AR-1221-1	0.000	3.118	0	94338	N.D.	1.986 #
9) L2 AR-1221-2	4.003	3.201	1053714	1070617	36.291	30.180
10) L2 AR-1221-3	4.082	0.000	146497	0	1.639	N.D. #
11) L3 AR-1232-1	4.082	0.000	146497	0	1.968	N.D. #
12) L3 AR-1232-2	0.000	4.025	0	363343	N.D.	3.973 #
13) L3 AR-1232-3	4.949	4.205	738568	164123	10.482	3.543 #
14) L3 AR-1232-4	0.000	4.295	0	215946	N.D.	5.290 #
15) L3 AR-1232-5	5.215	4.471	226387	255328	8.638	5.434 #
16) L4 AR-1242-1	4.949f	4.010	738568	255247	8.369	2.198 #
17) L4 AR-1242-2	4.949	4.025	738568	363343	5.953	2.179 #
18) L4 AR-1242-3	5.014	4.205	330315	164123	4.228	1.913 #
19) L4 AR-1242-4	0.000	4.295	0	215946	N.D.	2.670 #
20) L4 AR-1242-5	5.908	4.838	212040	1560918	3.063	14.490 #
21) L5 AR-1248-1	4.949f	4.010	738568	255247	11.114	2.968 #
22) L5 AR-1248-2	5.215	4.256	226387	268973	2.550	2.237
23) L5 AR-1248-3	5.430	4.295	134370	215946	1.276	1.772 #
24) L5 AR-1248-4	5.839f	4.471	1088576	255328	9.054	1.692 #
25) L5 AR-1248-5	5.908	4.867	212040	362545	1.791	2.359 #
26) L6 AR-1254-1	5.839	4.838	1088576	1560918	9.038	6.456 #
27) L6 AR-1254-2	6.078	4.997	1389015	1231229	7.285	5.893
28) L6 AR-1254-3	6.474	5.435f	719004	5517489	3.504	15.855 #
29) L6 AR-1254-4	6.786	5.661	550471	378862	3.536	1.718 #
30) L6 AR-1254-5	7.241	6.104	7314530	7391927	43.475	23.064 #
31) L7 AR-1260-1	6.654	5.555	6153964	8112342	38.628	33.098
32) L7 AR-1260-2	6.938	5.760	7335673	9479881	38.015	30.503
33) L7 AR-1260-3	7.331	5.918	10037639	9391532	70.515	33.452 #
34) L7 AR-1260-4	7.576	6.421	9576716	12568184	58.578	52.213
35) L7 AR-1260-5	7.916	6.686	16594733	24591765	52.472	42.238
36) L8 AR-1262-1	7.331	6.148	10037639	13680626	53.106	43.371
37) L8 AR-1262-2	7.916	6.421	16594733	12568184	49.254	43.614
38) L8 AR-1262-3	8.226	6.990	12023436	10345901	52.213	45.681
39) L8 AR-1262-4	8.313	7.058	9546864	19093277	54.248	44.402
40) L8 AR-1262-5	8.949	7.594	7319653	8646328	58.429	43.182 #
41) L9 AR-1268-1	8.226	6.990	12023436	10345901	29.089	14.040 #

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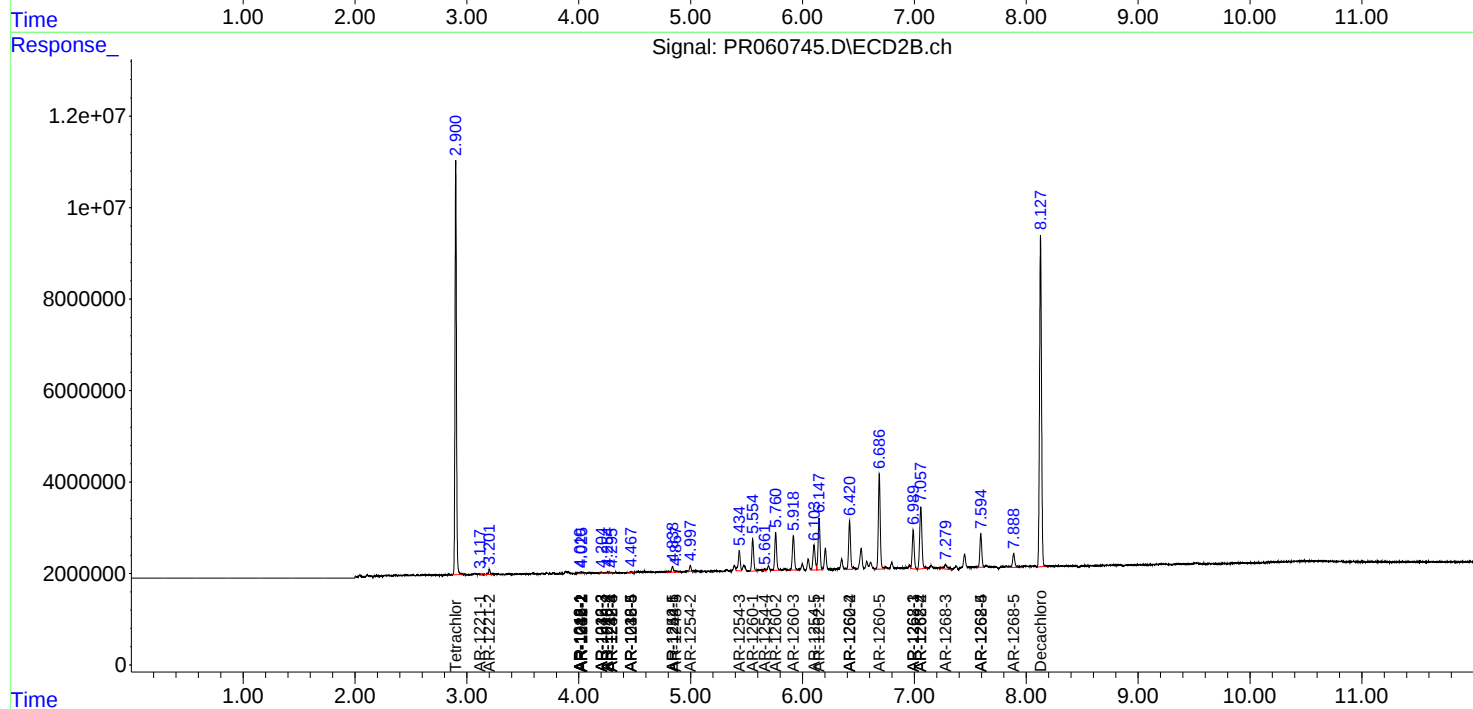
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

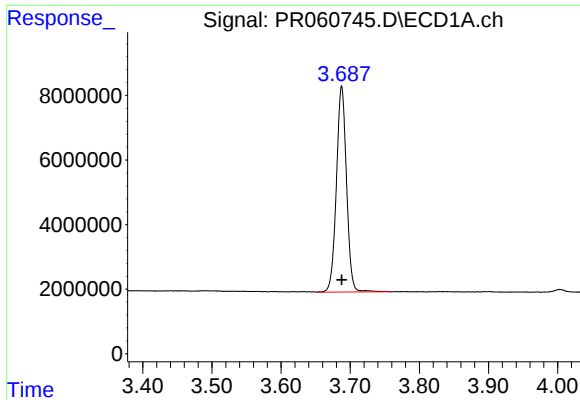
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.313	7.058	9546864	19093277	25.382	28.556
43) L9	AR-1268-3	8.535	7.278	1211526	2421228	3.778	4.260
44) L9	AR-1268-4	8.949	7.594	7319653	8646328	50.937	37.078 #
45) L9	AR-1268-5	9.343	7.888	2865172	4313755	2.711	2.294

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

Instrument :
ECD_R
ClientSampleId :

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

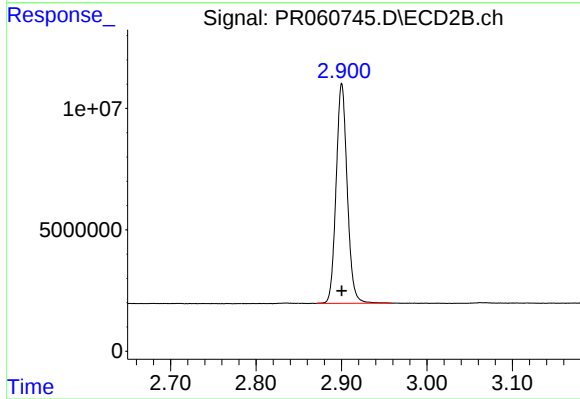




#1 Tetrachloro-m-xylene

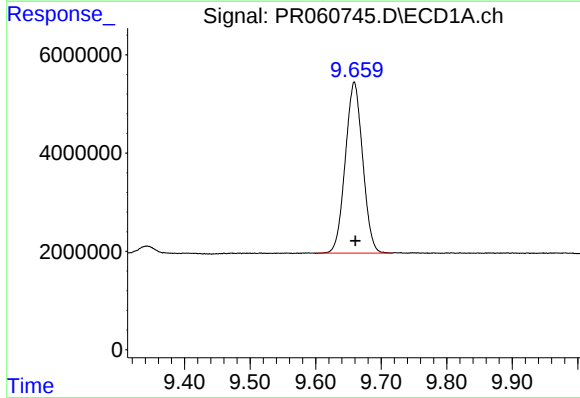
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 64744382
Conc: 21.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



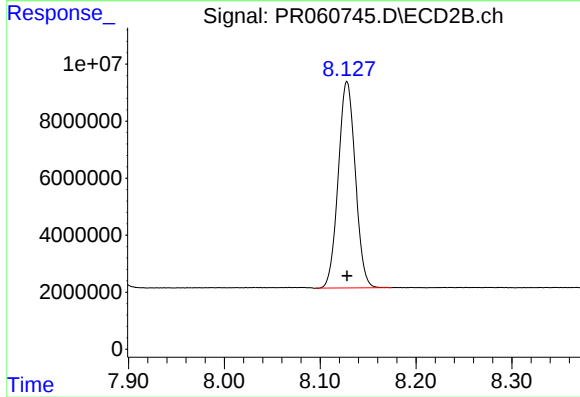
#1 Tetrachloro-m-xylene

R.T.: 2.900 min
Delta R.T.: 0.000 min
Response: 81853986
Conc: 19.23 ng/ml



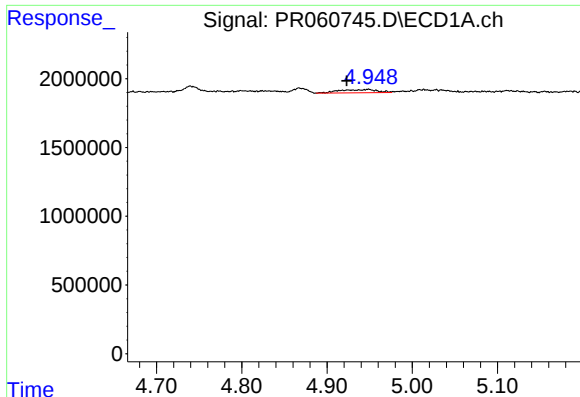
#2 Decachlorobiphenyl

R.T.: 9.659 min
Delta R.T.: -0.002 min
Response: 64131659
Conc: 22.61 ng/ml



#2 Decachlorobiphenyl

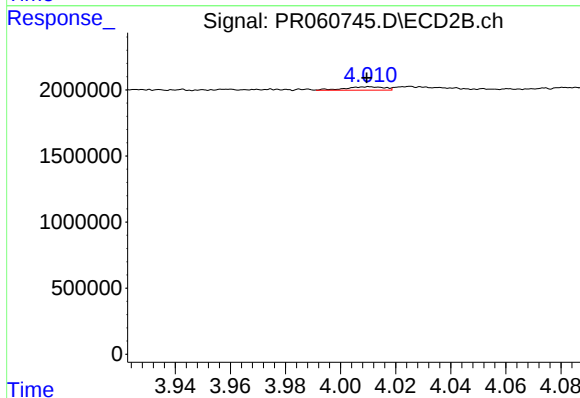
R.T.: 8.128 min
Delta R.T.: 0.000 min
Response: 89890541
Conc: 20.68 ng/ml



#3 AR-1016-1

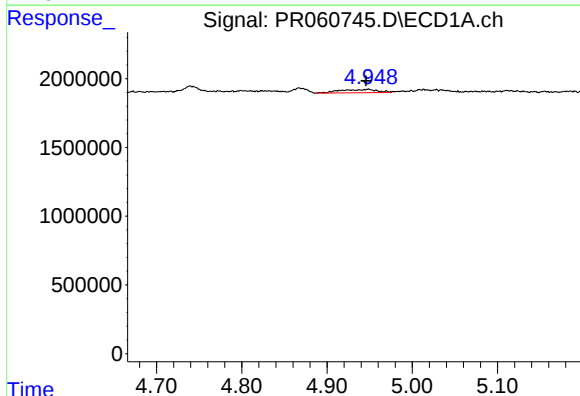
R.T.: 4.949 min
Delta R.T.: 0.026 min
Response: 738568
Conc: 6.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



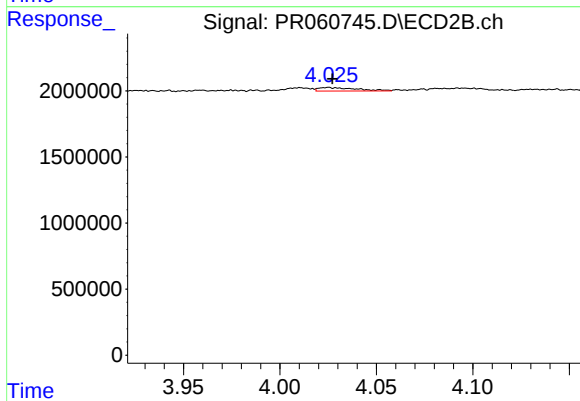
#3 AR-1016-1

R.T.: 4.010 min
Delta R.T.: 0.000 min
Response: 255247
Conc: 1.73 ng/ml



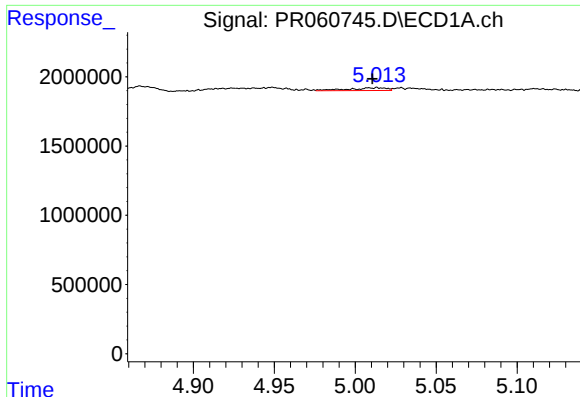
#4 AR-1016-2

R.T.: 4.949 min
Delta R.T.: 0.003 min
Response: 738568
Conc: 4.75 ng/ml



#4 AR-1016-2

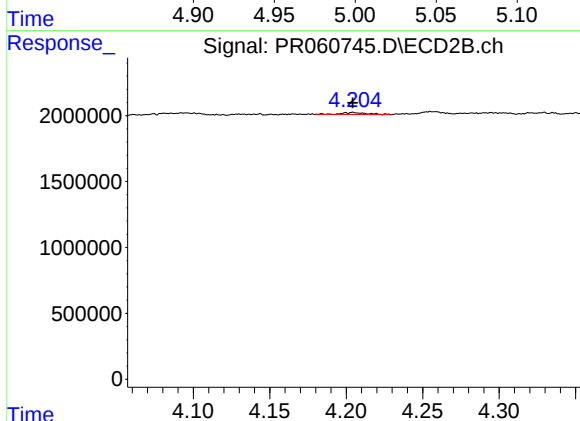
R.T.: 4.025 min
Delta R.T.: -0.002 min
Response: 363343
Conc: 1.71 ng/ml



#5 AR-1016-3

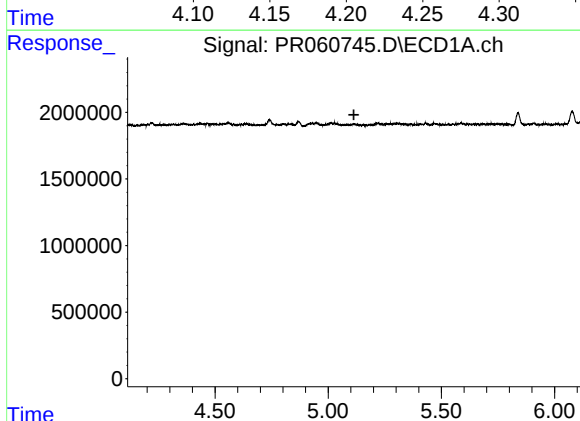
R.T.: 5.014 min
Delta R.T.: 0.003 min
Response: 330315
Conc: 3.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



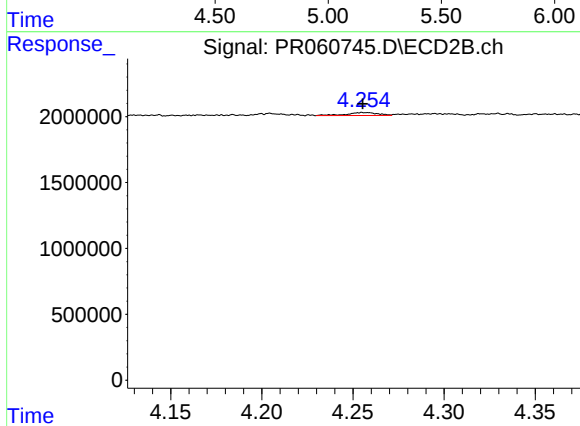
#5 AR-1016-3

R.T.: 4.205 min
Delta R.T.: 0.000 min
Response: 164123
Conc: 1.49 ng/ml



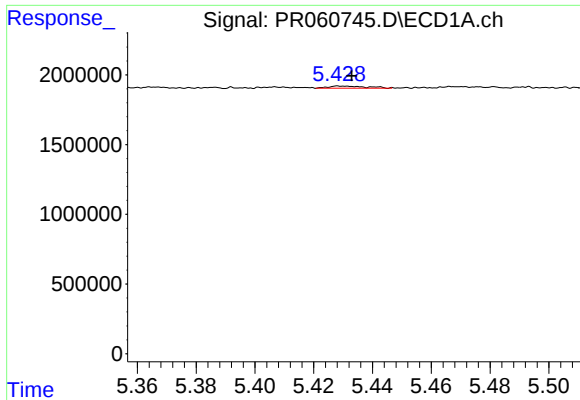
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.114 min
Response: 0
Conc: N.D.



#6 AR-1016-4

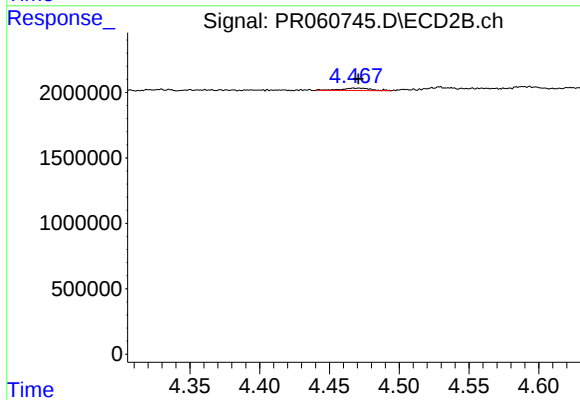
R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 268973
Conc: 3.15 ng/ml



#7 AR-1016-5

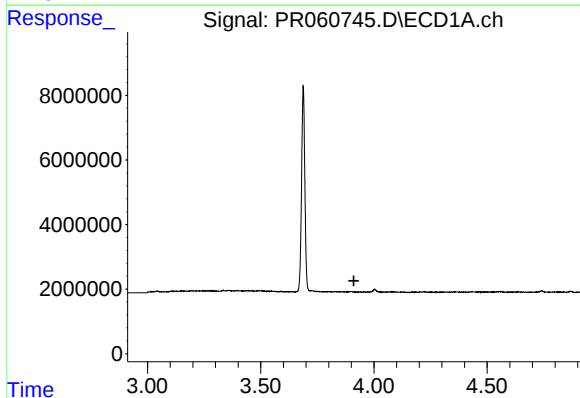
R.T.: 5.430 min
Delta R.T.: -0.003 min
Response: 134370
Conc: 1.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



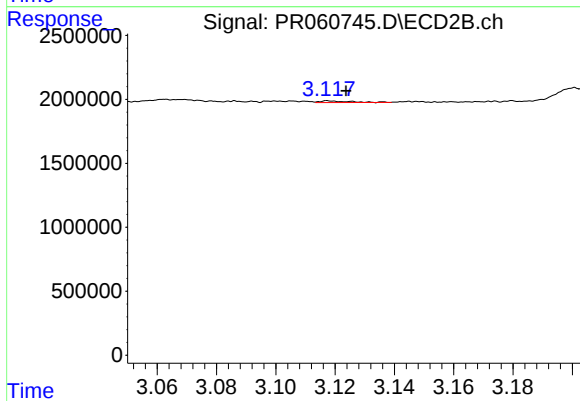
#7 AR-1016-5

R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 255328
Conc: 2.24 ng/ml



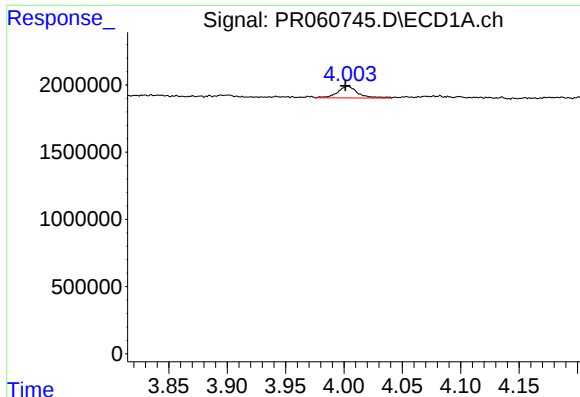
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.912 min
Response: 0
Conc: N.D.



#8 AR-1221-1

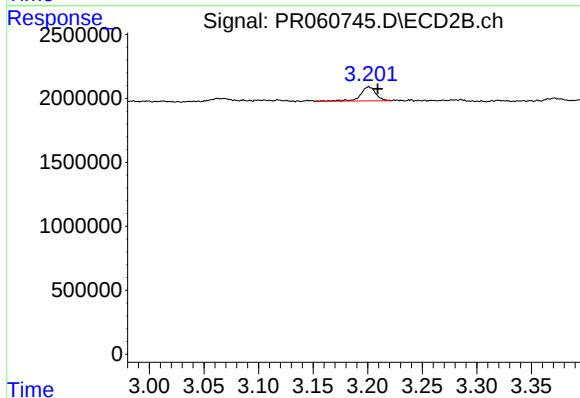
R.T.: 3.118 min
Delta R.T.: -0.006 min
Response: 94338
Conc: 1.99 ng/ml



#9 AR-1221-2

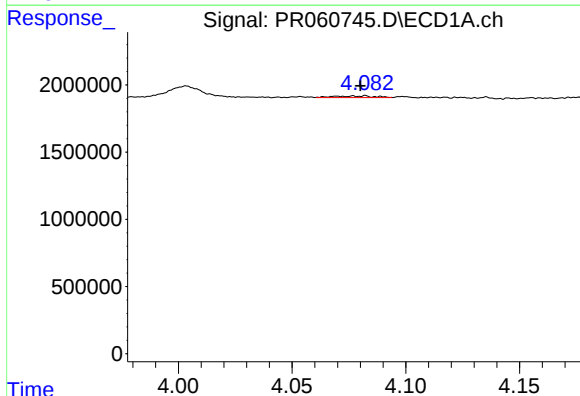
R.T.: 4.003 min
Delta R.T.: 0.002 min
Response: 1053714
Conc: 36.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



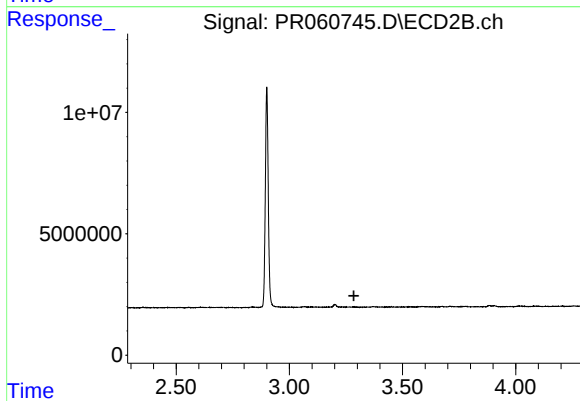
#9 AR-1221-2

R.T.: 3.201 min
Delta R.T.: -0.008 min
Response: 1070617
Conc: 30.18 ng/ml



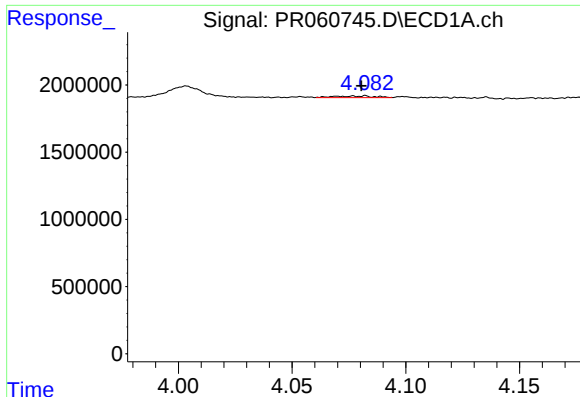
#10 AR-1221-3

R.T.: 4.082 min
Delta R.T.: 0.002 min
Response: 146497
Conc: 1.64 ng/ml



#10 AR-1221-3

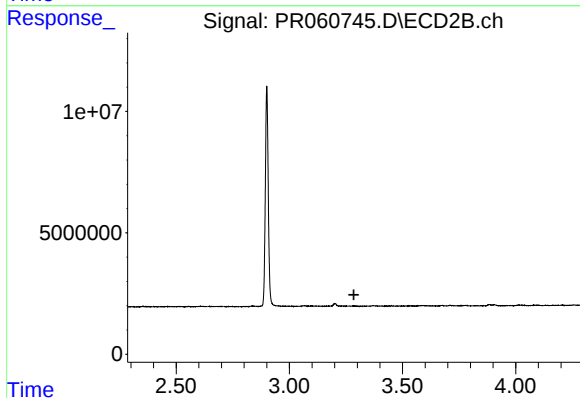
R.T.: 0.000 min
Exp R.T. : 3.285 min
Response: 0
Conc: N.D.



#11 AR-1232-1

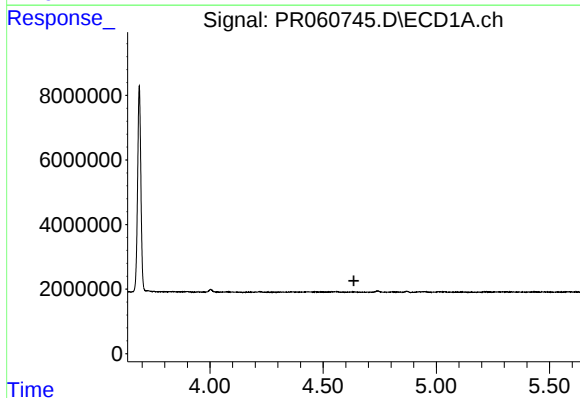
R.T.: 4.082 min
Delta R.T.: 0.002 min
Response: 146497
Conc: 1.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



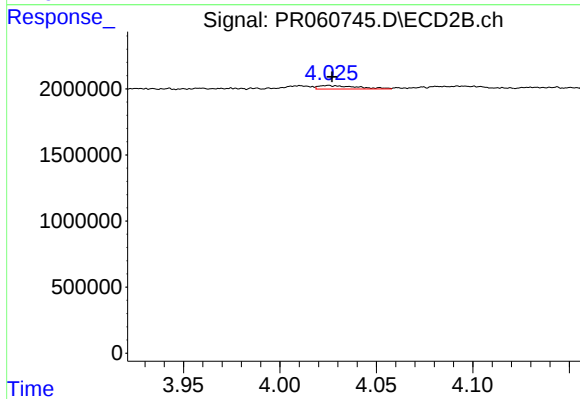
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.285 min
Response: 0
Conc: N.D.



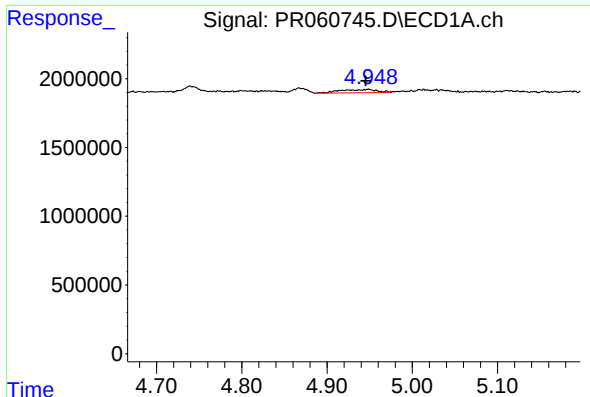
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.636 min
Response: 0
Conc: N.D.



#12 AR-1232-2

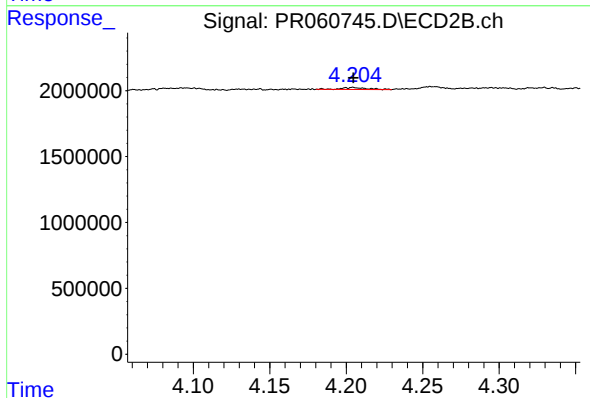
R.T.: 4.025 min
Delta R.T.: -0.002 min
Response: 363343
Conc: 3.97 ng/ml



#13 AR-1232-3

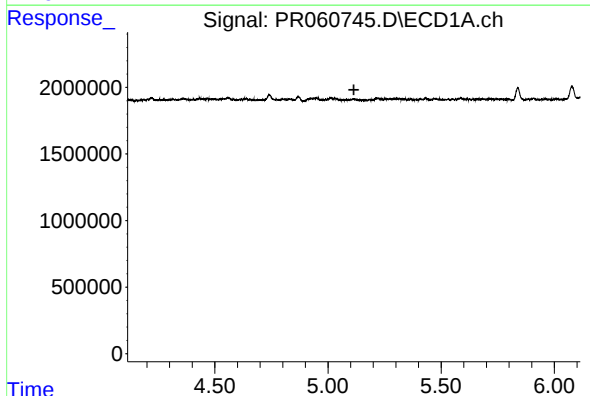
R.T.: 4.949 min
Delta R.T.: 0.003 min
Response: 738568
Conc: 10.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



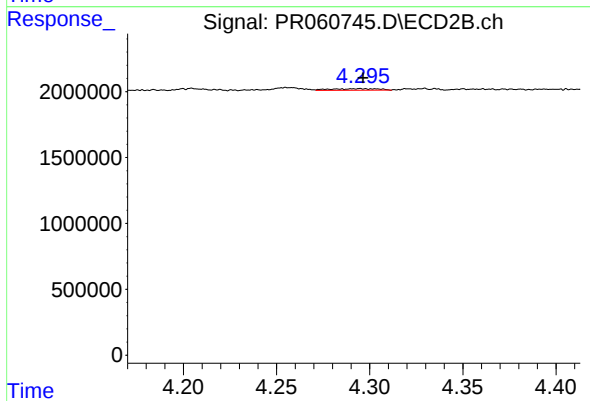
#13 AR-1232-3

R.T.: 4.205 min
Delta R.T.: 0.000 min
Response: 164123
Conc: 3.54 ng/ml



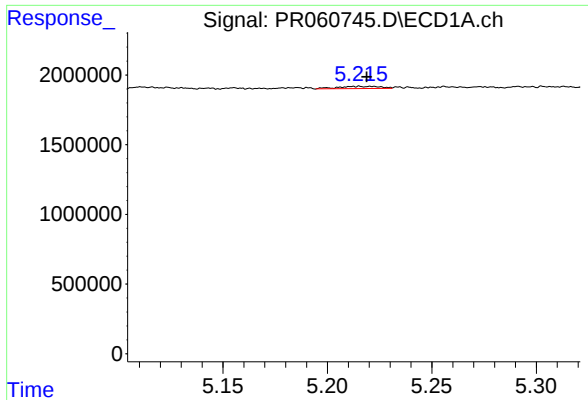
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.114 min
Response: 0
Conc: N.D.



#14 AR-1232-4

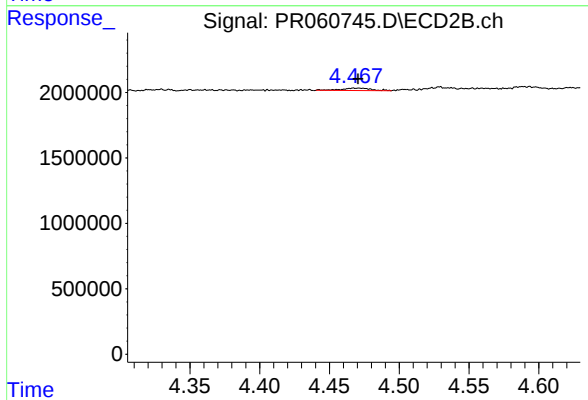
R.T.: 4.295 min
Delta R.T.: -0.001 min
Response: 215946
Conc: 5.29 ng/ml



#15 AR-1232-5

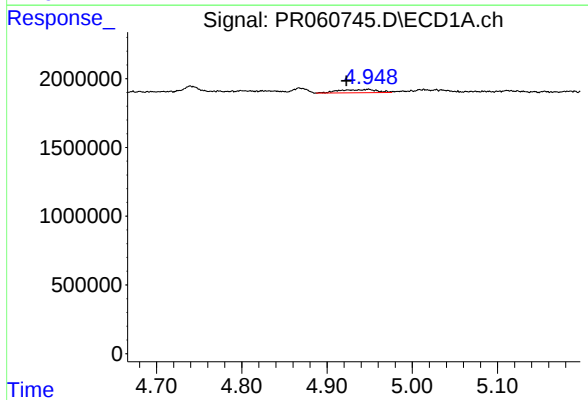
R.T.: 5.215 min
Delta R.T.: -0.004 min
Response: 226387
Conc: 8.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



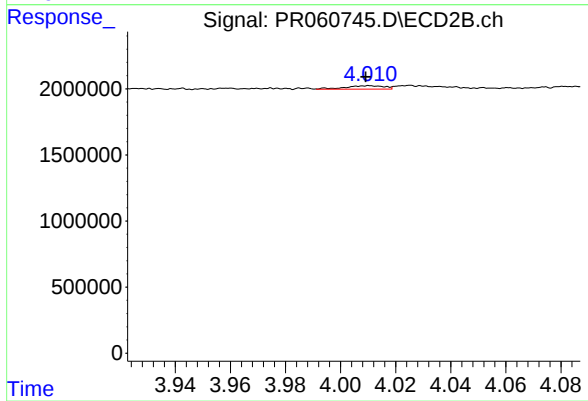
#15 AR-1232-5

R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 255328
Conc: 5.43 ng/ml



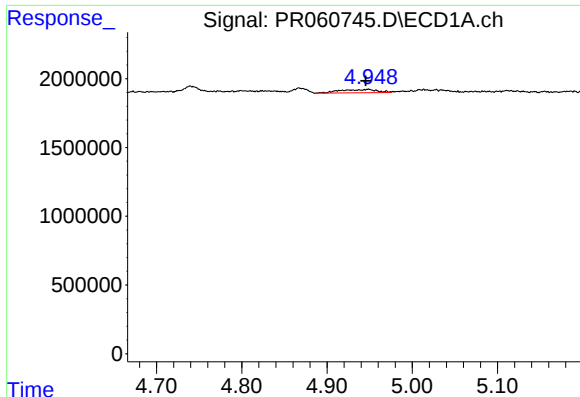
#16 AR-1242-1

R.T.: 4.949 min
Delta R.T.: 0.026 min
Response: 738568
Conc: 8.37 ng/ml



#16 AR-1242-1

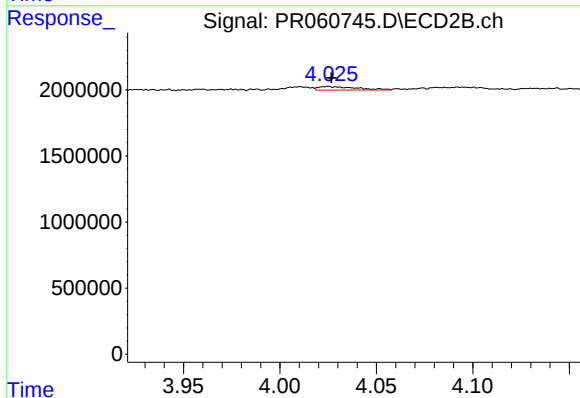
R.T.: 4.010 min
Delta R.T.: 0.001 min
Response: 255247
Conc: 2.20 ng/ml



#17 AR-1242-2

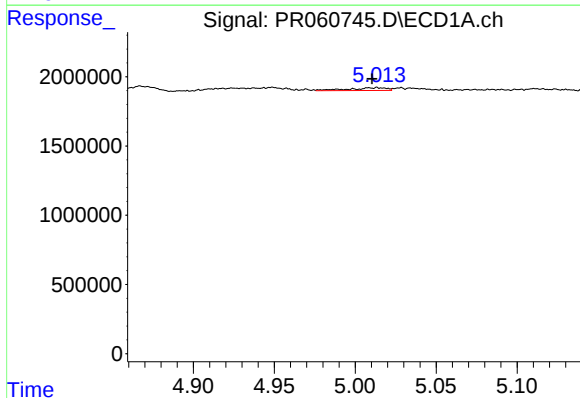
R.T.: 4.949 min
Delta R.T.: 0.003 min
Response: 738568
Conc: 5.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



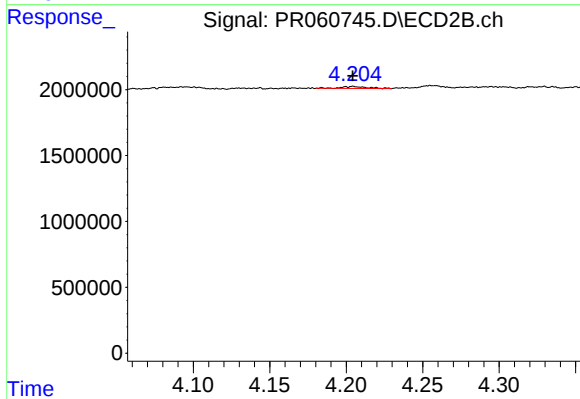
#17 AR-1242-2

R.T.: 4.025 min
Delta R.T.: -0.002 min
Response: 363343
Conc: 2.18 ng/ml



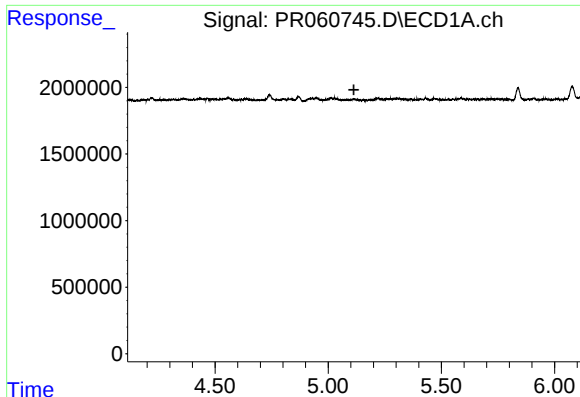
#18 AR-1242-3

R.T.: 5.014 min
Delta R.T.: 0.004 min
Response: 330315
Conc: 4.23 ng/ml



#18 AR-1242-3

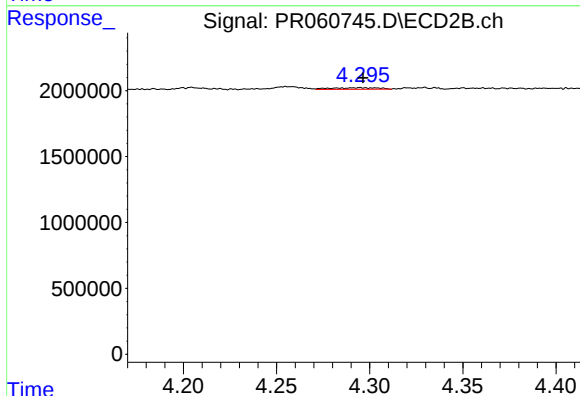
R.T.: 4.205 min
Delta R.T.: 0.000 min
Response: 164123
Conc: 1.91 ng/ml



#19 AR-1242-4

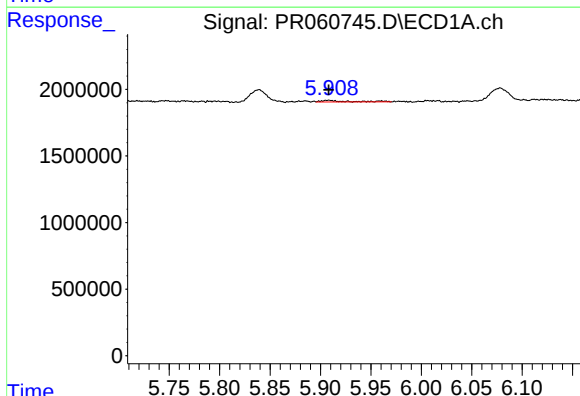
R.T.: 0.000 min
Exp R.T.: 5.113 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



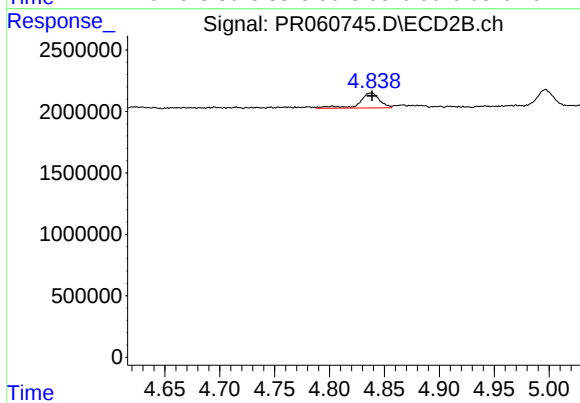
#19 AR-1242-4

R.T.: 4.295 min
Delta R.T.: -0.001 min
Response: 215946
Conc: 2.67 ng/ml



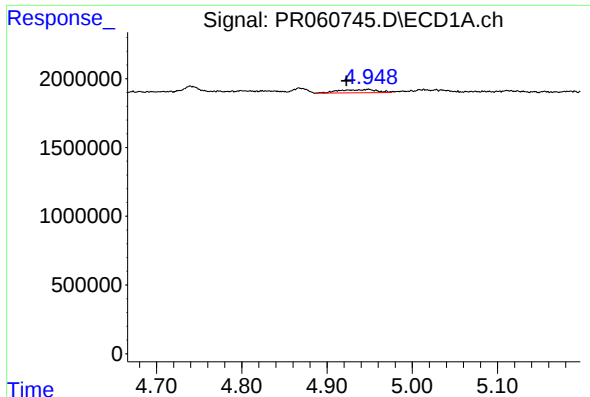
#20 AR-1242-5

R.T.: 5.908 min
Delta R.T.: 0.000 min
Response: 212040
Conc: 3.06 ng/ml



#20 AR-1242-5

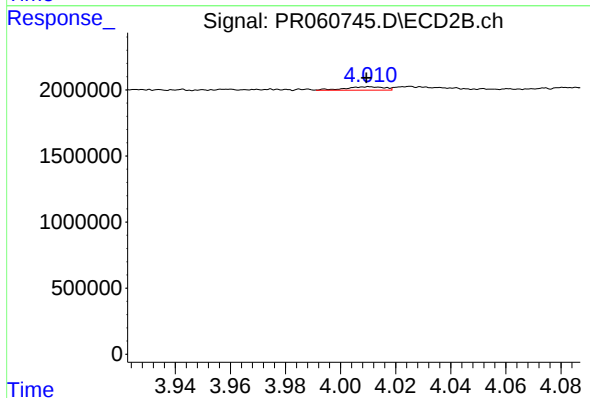
R.T.: 4.838 min
Delta R.T.: 0.000 min
Response: 1560918
Conc: 14.49 ng/ml



#21 AR-1248-1

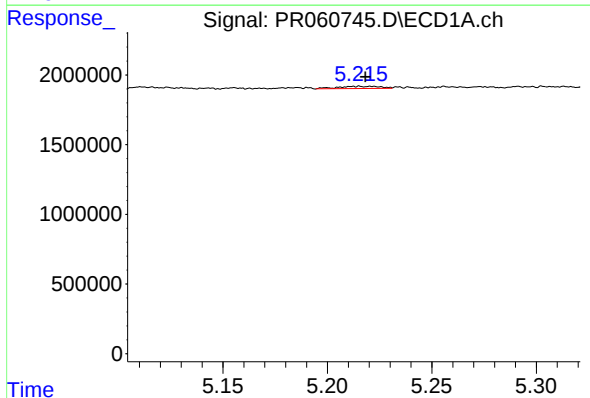
R.T.: 4.949 min
Delta R.T.: 0.026 min
Response: 738568
Conc: 11.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



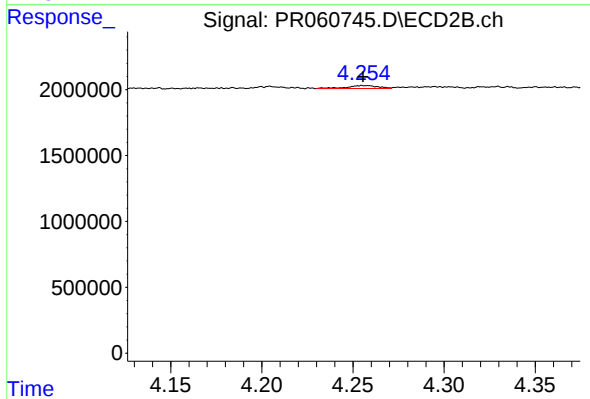
#21 AR-1248-1

R.T.: 4.010 min
Delta R.T.: 0.000 min
Response: 255247
Conc: 2.97 ng/ml



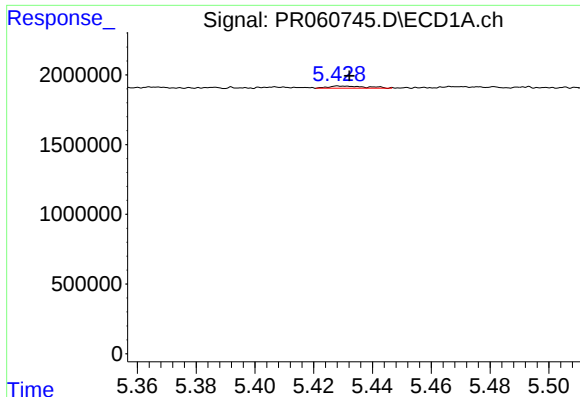
#22 AR-1248-2

R.T.: 5.215 min
Delta R.T.: -0.003 min
Response: 226387
Conc: 2.55 ng/ml



#22 AR-1248-2

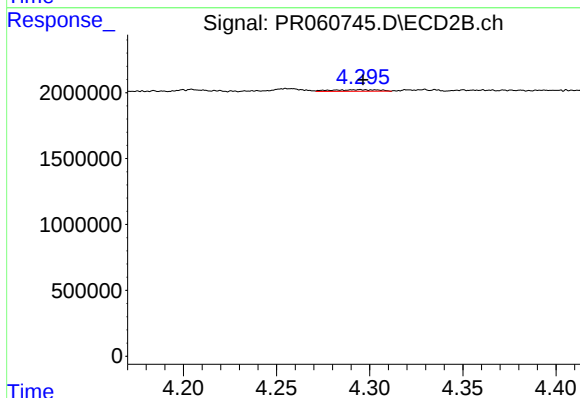
R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 268973
Conc: 2.24 ng/ml



#23 AR-1248-3

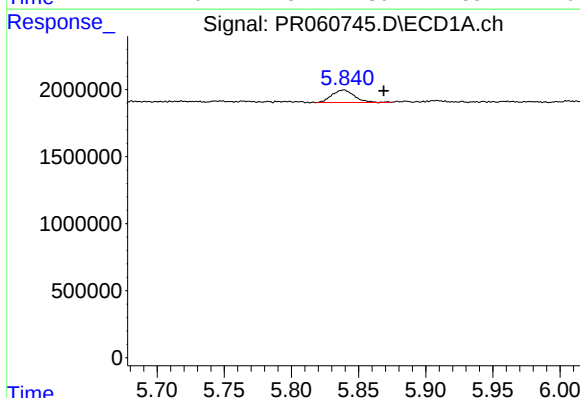
R.T.: 5.430 min
Delta R.T.: -0.003 min
Response: 134370
Conc: 1.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



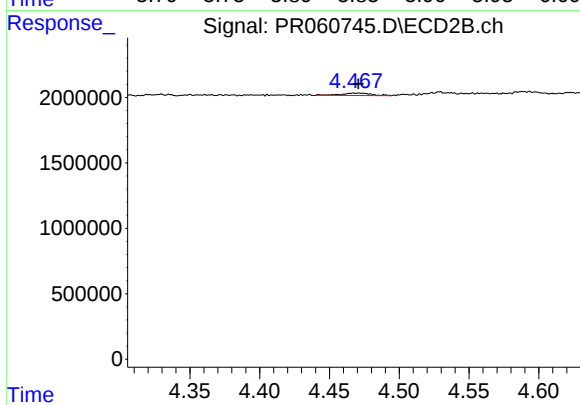
#23 AR-1248-3

R.T.: 4.295 min
Delta R.T.: -0.001 min
Response: 215946
Conc: 1.77 ng/ml



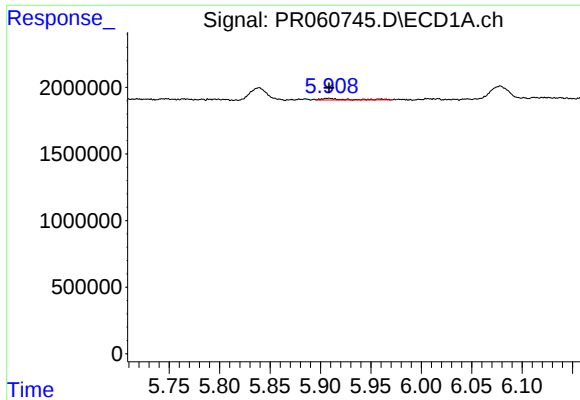
#24 AR-1248-4

R.T.: 5.839 min
Delta R.T.: -0.030 min
Response: 1088576
Conc: 9.05 ng/ml



#24 AR-1248-4

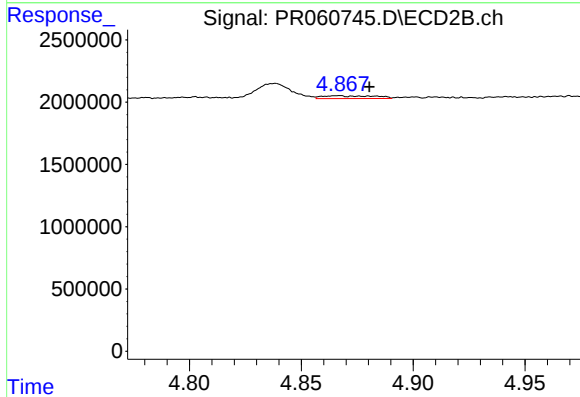
R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 255328
Conc: 1.69 ng/ml



#25 AR-1248-5

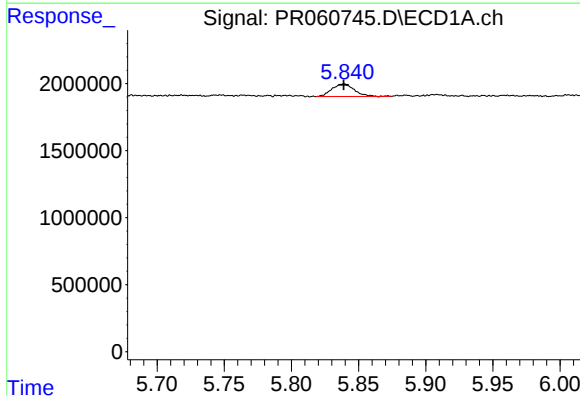
R.T.: 5.908 min
Delta R.T.: 0.000 min
Response: 212040
Conc: 1.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



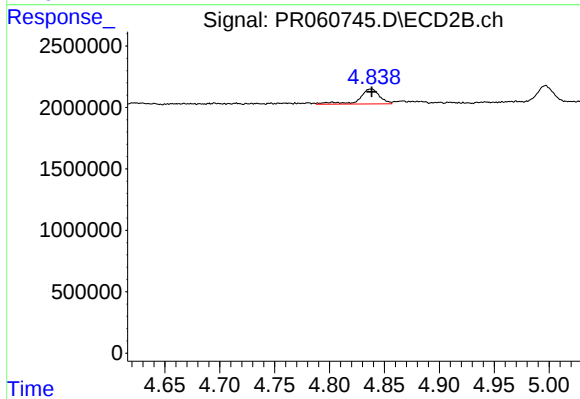
#25 AR-1248-5

R.T.: 4.867 min
Delta R.T.: -0.014 min
Response: 362545
Conc: 2.36 ng/ml



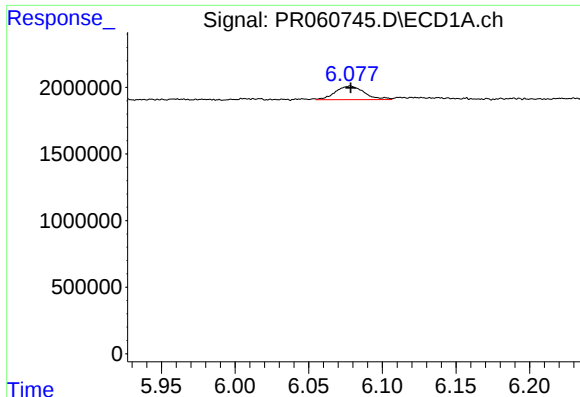
#26 AR-1254-1

R.T.: 5.839 min
Delta R.T.: 0.000 min
Response: 1088576
Conc: 9.04 ng/ml



#26 AR-1254-1

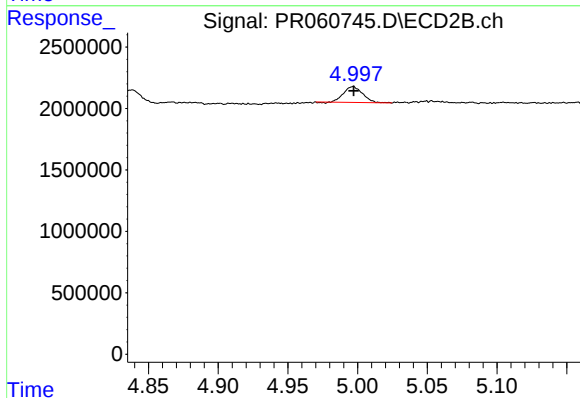
R.T.: 4.838 min
Delta R.T.: 0.000 min
Response: 1560918
Conc: 6.46 ng/ml



#27 AR-1254-2

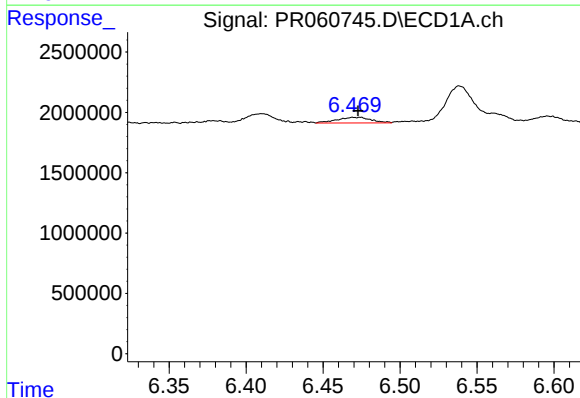
R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 1389015
Conc: 7.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



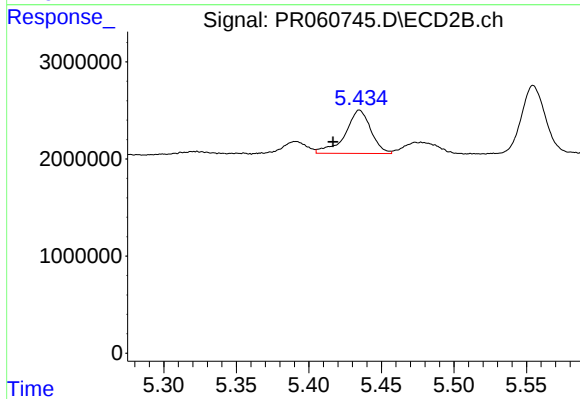
#27 AR-1254-2

R.T.: 4.997 min
Delta R.T.: 0.000 min
Response: 1231229
Conc: 5.89 ng/ml



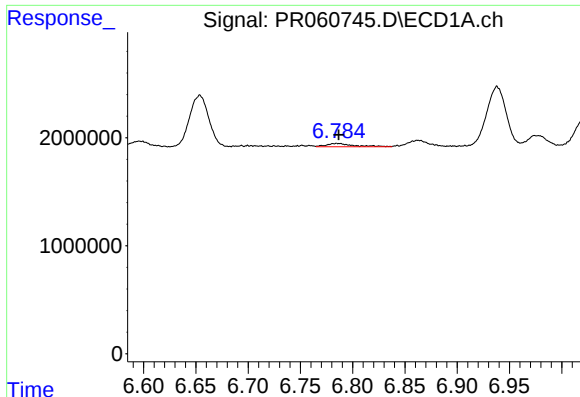
#28 AR-1254-3

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 719004
Conc: 3.50 ng/ml



#28 AR-1254-3

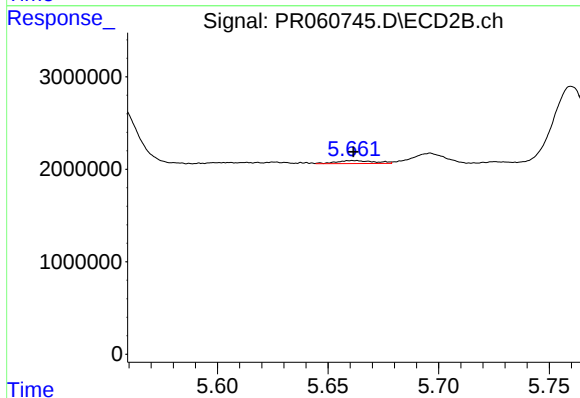
R.T.: 5.435 min
Delta R.T.: 0.018 min
Response: 5517489
Conc: 15.85 ng/ml



#29 AR-1254-4

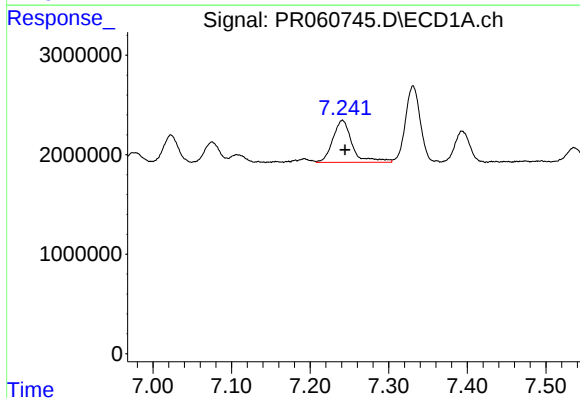
R.T.: 6.786 min
Delta R.T.: 0.000 min
Response: 550471
Conc: 3.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



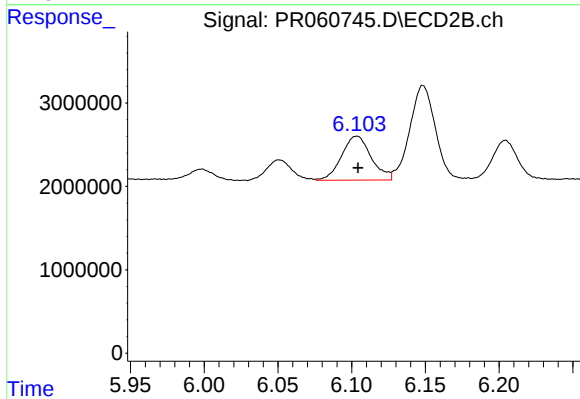
#29 AR-1254-4

R.T.: 5.661 min
Delta R.T.: 0.000 min
Response: 378862
Conc: 1.72 ng/ml



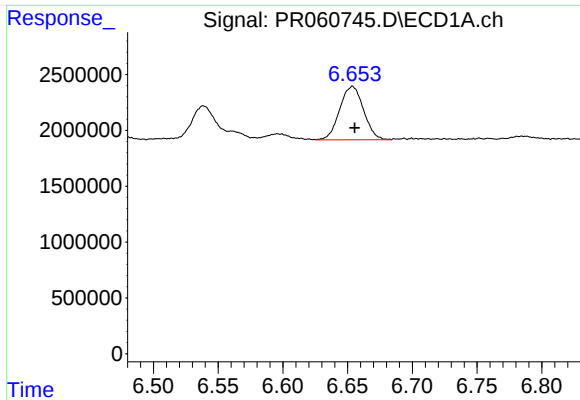
#30 AR-1254-5

R.T.: 7.241 min
Delta R.T.: -0.003 min
Response: 7314530
Conc: 43.47 ng/ml



#30 AR-1254-5

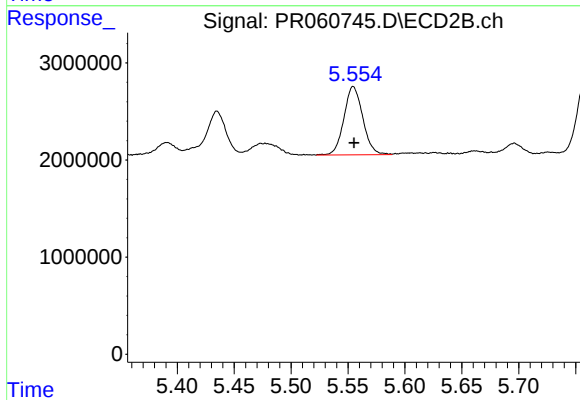
R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 7391927
Conc: 23.06 ng/ml



#31 AR-1260-1

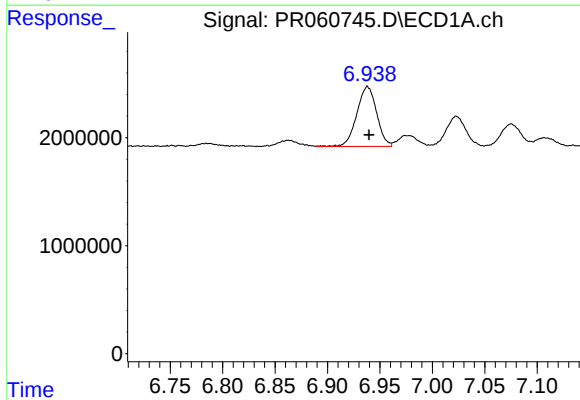
R.T.: 6.654 min
Delta R.T.: -0.002 min
Response: 6153964
Conc: 38.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



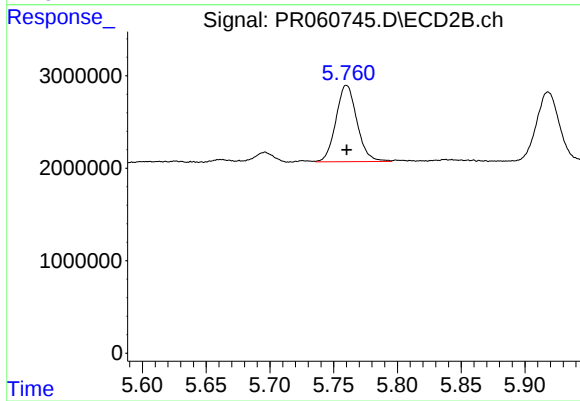
#31 AR-1260-1

R.T.: 5.555 min
Delta R.T.: 0.000 min
Response: 8112342
Conc: 33.10 ng/ml



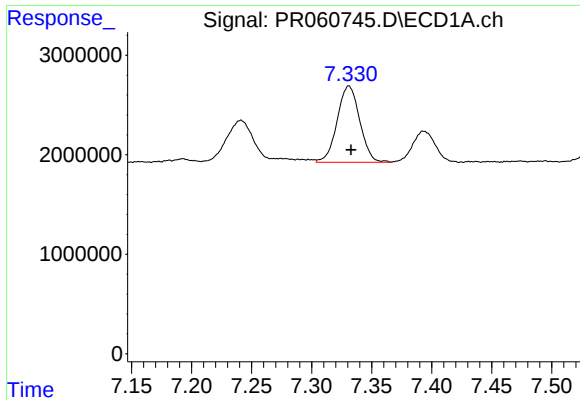
#32 AR-1260-2

R.T.: 6.938 min
Delta R.T.: -0.001 min
Response: 7335673
Conc: 38.01 ng/ml



#32 AR-1260-2

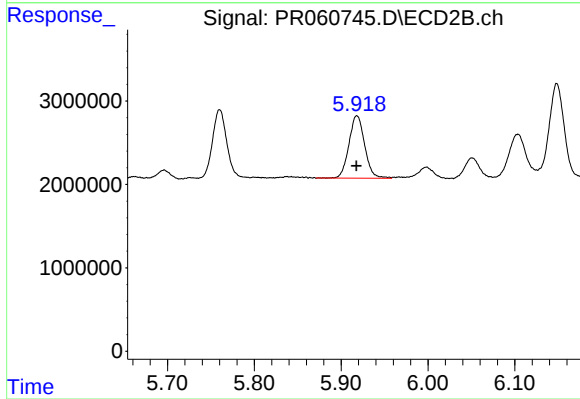
R.T.: 5.760 min
Delta R.T.: 0.000 min
Response: 9479881
Conc: 30.50 ng/ml



#33 AR-1260-3

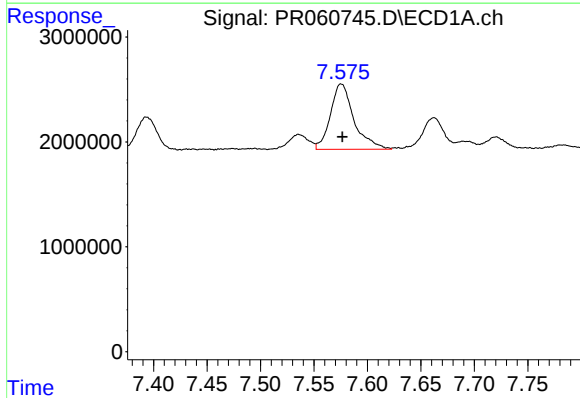
R.T.: 7.331 min
Delta R.T.: -0.002 min
Response: 10037639
Conc: 70.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



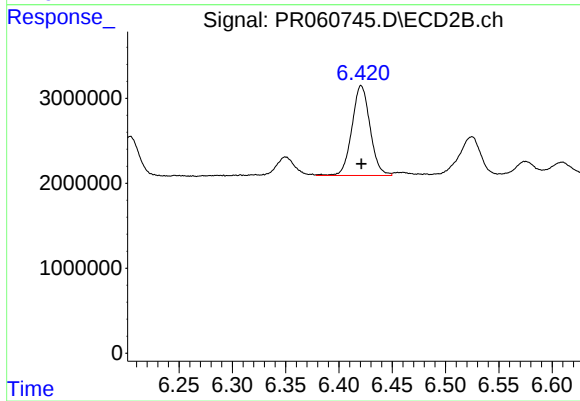
#33 AR-1260-3

R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 9391532
Conc: 33.45 ng/ml



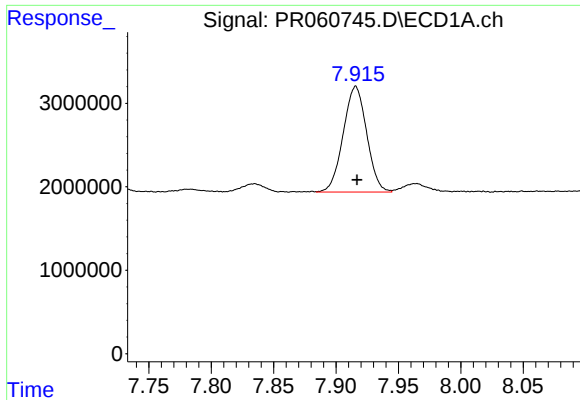
#34 AR-1260-4

R.T.: 7.576 min
Delta R.T.: -0.001 min
Response: 9576716
Conc: 58.58 ng/ml



#34 AR-1260-4

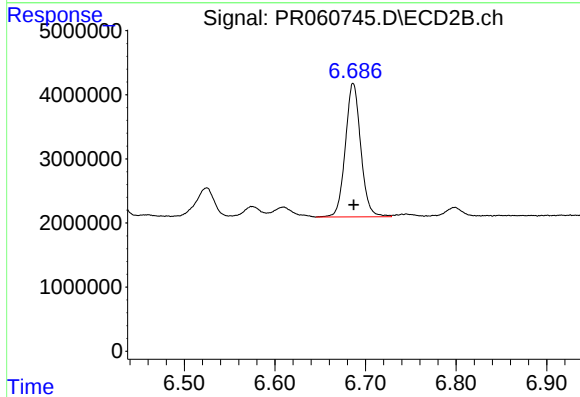
R.T.: 6.421 min
Delta R.T.: 0.000 min
Response: 12568184
Conc: 52.21 ng/ml



#35 AR-1260-5

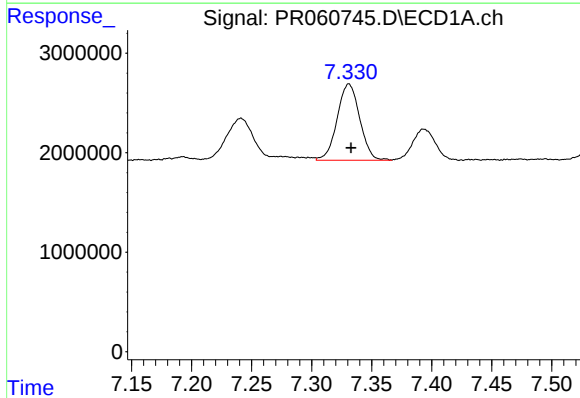
R.T.: 7.916 min
Delta R.T.: -0.001 min
Response: 16594733
Conc: 52.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



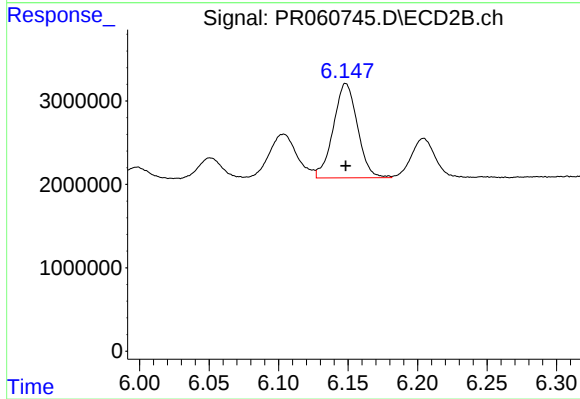
#35 AR-1260-5

R.T.: 6.686 min
Delta R.T.: 0.000 min
Response: 24591765
Conc: 42.24 ng/ml



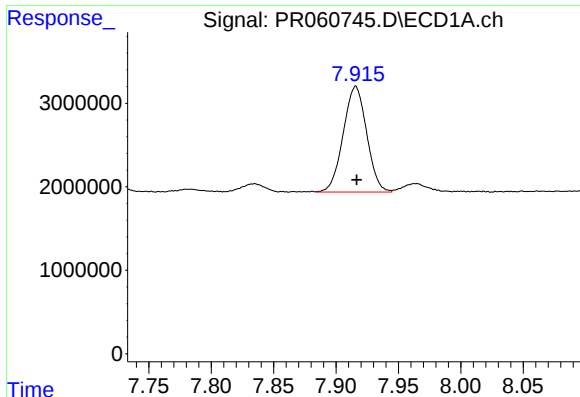
#36 AR-1262-1

R.T.: 7.331 min
Delta R.T.: -0.002 min
Response: 10037639
Conc: 53.11 ng/ml



#36 AR-1262-1

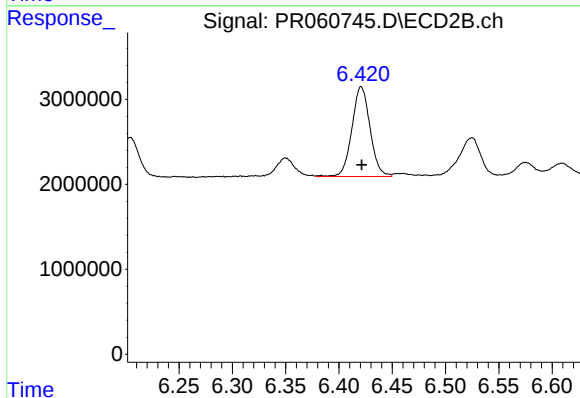
R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 13680626
Conc: 43.37 ng/ml



#37 AR-1262-2

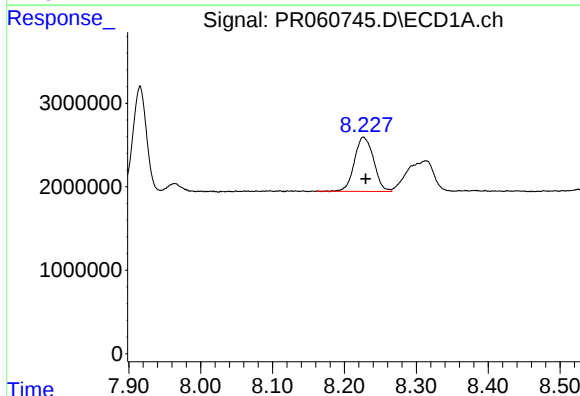
R.T.: 7.916 min
Delta R.T.: 0.000 min
Response: 16594733
Conc: 49.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



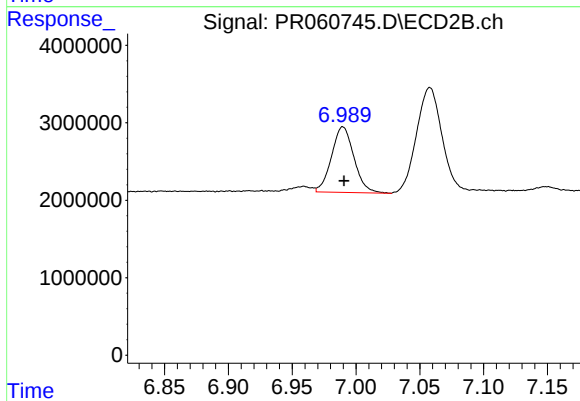
#37 AR-1262-2

R.T.: 6.421 min
Delta R.T.: 0.000 min
Response: 12568184
Conc: 43.61 ng/ml



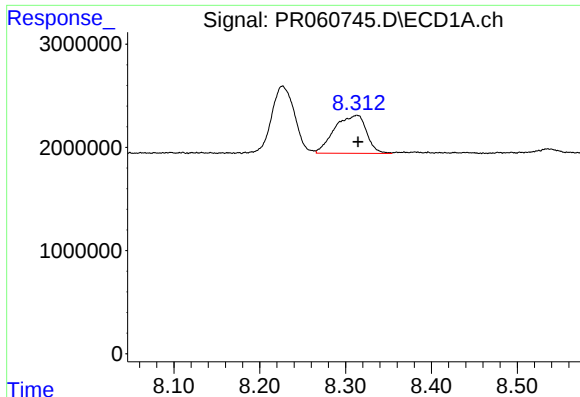
#38 AR-1262-3

R.T.: 8.226 min
Delta R.T.: -0.003 min
Response: 12023436
Conc: 52.21 ng/ml



#38 AR-1262-3

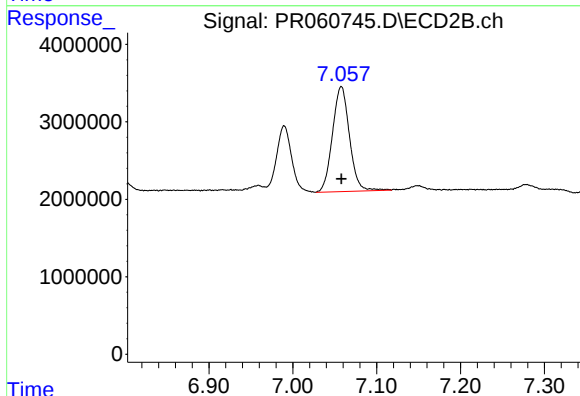
R.T.: 6.990 min
Delta R.T.: 0.000 min
Response: 10345901
Conc: 45.68 ng/ml



#39 AR-1262-4

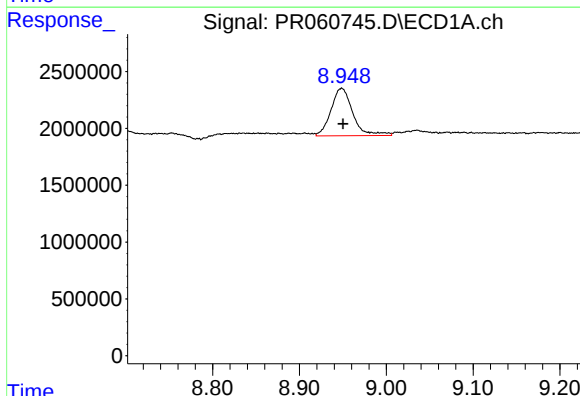
R.T.: 8.313 min
Delta R.T.: -0.001 min
Response: 9546864
Conc: 54.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



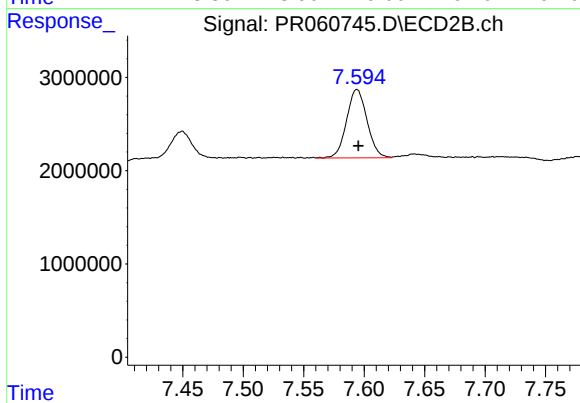
#39 AR-1262-4

R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 19093277
Conc: 44.40 ng/ml



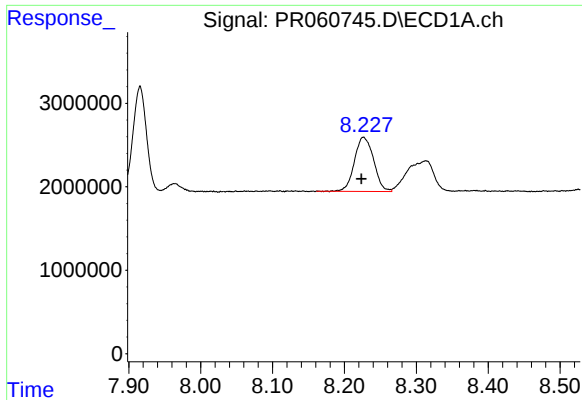
#40 AR-1262-5

R.T.: 8.949 min
Delta R.T.: -0.002 min
Response: 7319653
Conc: 58.43 ng/ml



#40 AR-1262-5

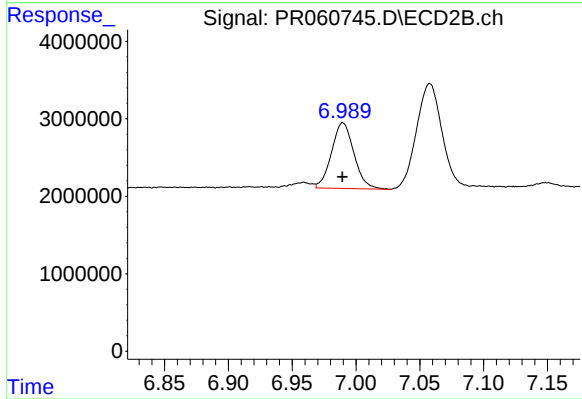
R.T.: 7.594 min
Delta R.T.: -0.001 min
Response: 8646328
Conc: 43.18 ng/ml



#41 AR-1268-1

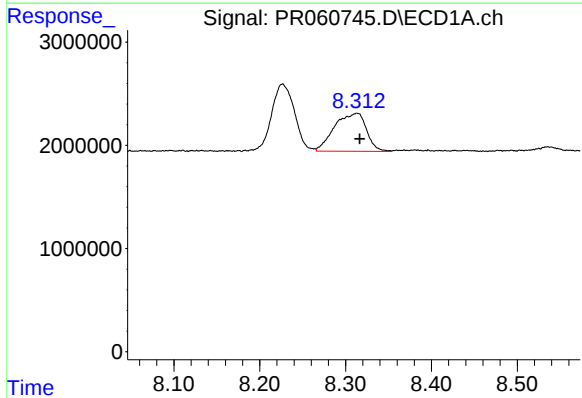
R.T.: 8.226 min
Delta R.T.: 0.003 min
Response: 12023436
Conc: 29.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



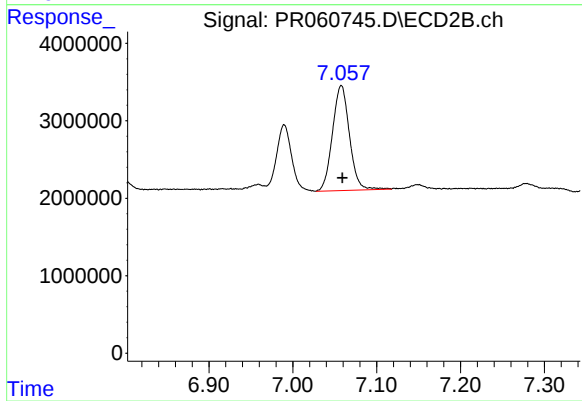
#41 AR-1268-1

R.T.: 6.990 min
Delta R.T.: 0.000 min
Response: 10345901
Conc: 14.04 ng/ml



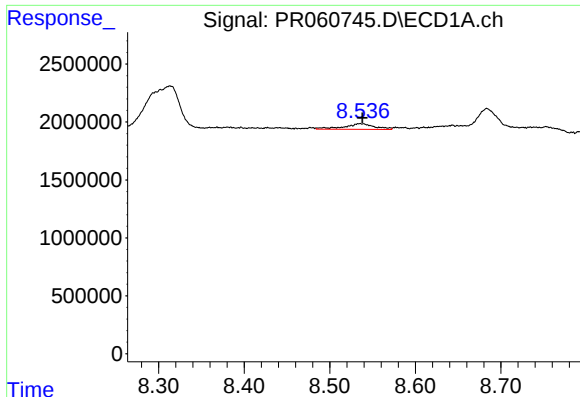
#42 AR-1268-2

R.T.: 8.313 min
Delta R.T.: -0.003 min
Response: 9546864
Conc: 25.38 ng/ml



#42 AR-1268-2

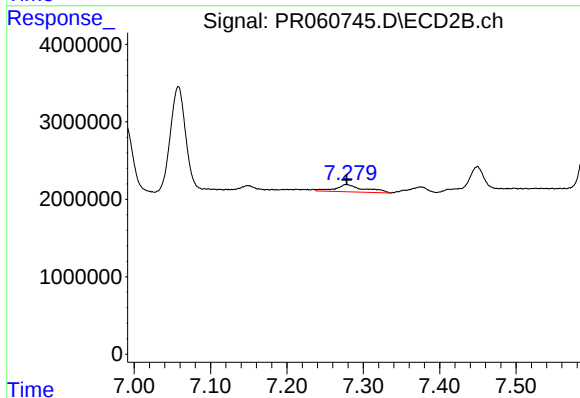
R.T.: 7.058 min
Delta R.T.: -0.001 min
Response: 19093277
Conc: 28.56 ng/ml



#43 AR-1268-3

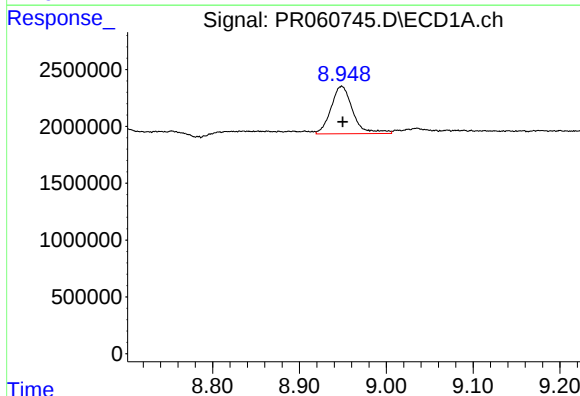
R.T.: 8.535 min
Delta R.T.: -0.003 min
Response: 1211526
Conc: 3.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



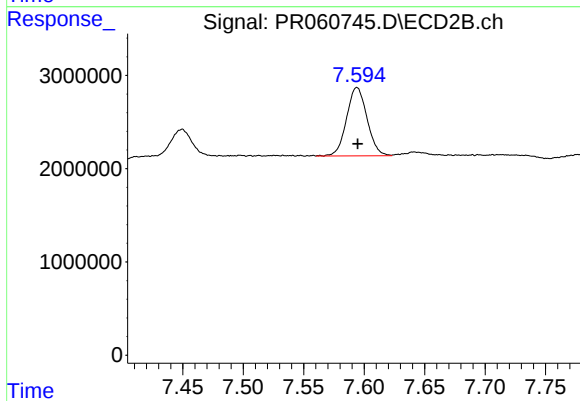
#43 AR-1268-3

R.T.: 7.278 min
Delta R.T.: 0.000 min
Response: 2421228
Conc: 4.26 ng/ml



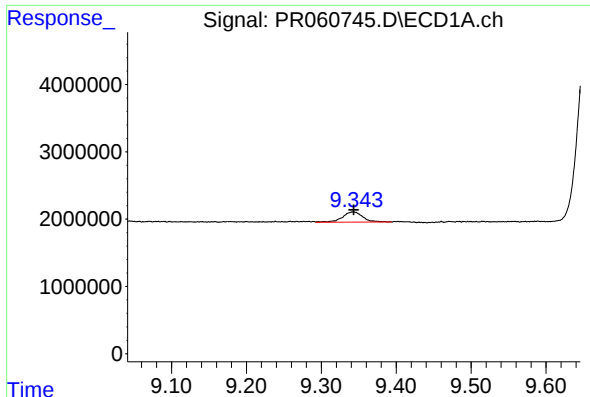
#44 AR-1268-4

R.T.: 8.949 min
Delta R.T.: -0.001 min
Response: 7319653
Conc: 50.94 ng/ml



#44 AR-1268-4

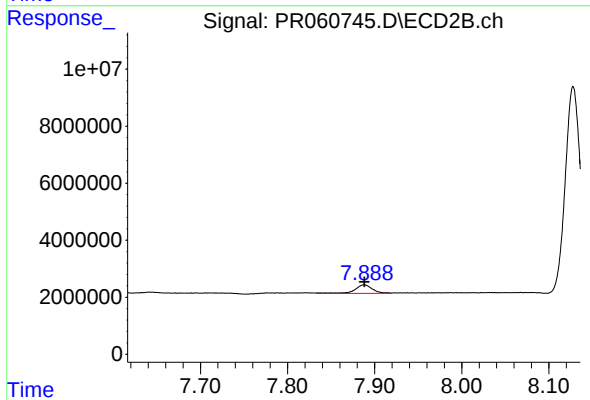
R.T.: 7.594 min
Delta R.T.: 0.000 min
Response: 8646328
Conc: 37.08 ng/ml



#45 AR-1268-5

R.T.: 9.343 min
Delta R.T.: 0.000 min
Response: 2865172
Conc: 2.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.888 min
Delta R.T.: 0.000 min
Response: 4313755
Conc: 2.29 ng/ml