

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120523\
 Data File : PP062158.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Dec 2023 15:53
 Operator : YP\AJ
 Sample : 05615-04
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 00:25:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 28 04:28:00 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...	4.449	3.720	34300176	39243308	26.055	21.809
2) SA Decachlor...	10.249	8.846	2185274	39807311	2.117	19.287 #
Target Compounds						
3) L1 AR-1016-1	5.624	4.835	1056155	1249590	21.314	18.863
4) L1 AR-1016-2	5.646	4.855	1586204	2305396	21.263	24.955
5) L1 AR-1016-3	5.719	5.033	1337289	1668466	27.173	32.889
6) L1 AR-1016-4	5.809	5.075	1207471	2730530	31.768	59.930 #
7) L1 AR-1016-5	6.105	5.293	1241540	2472192	32.284	42.763 #
8) L2 AR-1221-1	4.666	3.964f	3271989	297215	183.350	11.769 #
9) L2 AR-1221-2	4.757	4.010f	673548	4590793	50.504	241.350 #
10) L2 AR-1221-3	4.840	4.104	4989171	5111355	125.391	88.719 #
11) L3 AR-1232-1	4.840	4.104	4989171	5111355	149.893	108.555 #
12) L3 AR-1232-2	0.000	4.855	0	2305396	N.D.	56.011 #
13) L3 AR-1232-3	5.646	5.033	1586204	1668466	46.723	73.649 #
14) L3 AR-1232-4	5.809	5.118	1207471	2056063	71.469	90.035 #
15) L3 AR-1232-5	5.897	5.293	3507687	2472192	232.750	97.145 #
16) L4 AR-1242-1	5.624	4.835	1056155	1249590	26.575	23.583
17) L4 AR-1242-2	5.646	4.855	1586204	2305396	26.680	31.662
18) L4 AR-1242-3	5.719	5.033	1337289	1668466	34.199	41.171
19) L4 AR-1242-4	5.809	5.118	1207471	2056063	39.816	45.555
20) L4 AR-1242-5	6.548	5.652	1713221	6406851	57.141	122.431 #
21) L5 AR-1248-1	5.624	4.835	1056155	1249590	34.565	31.300
22) L5 AR-1248-2	5.897	5.075	3507687	2730530	71.700	43.230 #
23) L5 AR-1248-3	6.105	5.118	1241540	2056063	23.864	31.349 #
24) L5 AR-1248-4	6.508	5.293	1580678	2472192	31.186	32.116
25) L5 AR-1248-5	6.548	5.652	1713221	6406851	33.153	64.111 #
26) L6 AR-1254-1	6.486	5.652	3282430	6406851	58.507	58.841
27) L6 AR-1254-2	6.704	5.802	3291222	2678207	39.472	26.685 #
28) L6 AR-1254-3	7.071	6.211	1934921	4124948	23.389	26.404
29) L6 AR-1254-4	7.360	6.443	227041	1564355	4.329	19.682 #
31) L7 AR-1260-1	7.238	6.345	1071449	1985278	15.685	17.059
32) L7 AR-1260-2	7.495	6.534	1065976	2265556	14.152	16.628
33) L7 AR-1260-3	0.000	6.692	0	1995612	N.D.	15.252 #
34) L7 AR-1260-4	0.000	7.167	0	1244204	N.D.	12.616 #
35) L7 AR-1260-5	0.000	7.399f	0	3929912	N.D.	18.353 #
36) L8 AR-1262-1	0.000	6.976	0	443870	N.D.	6.987 #
37) L8 AR-1262-2	0.000	7.167	0	1244204	N.D.	9.211 #
38) L8 AR-1262-3	8.753f	7.695	14741439	12021595	168.304	114.902 #
39) L8 AR-1262-4	8.822	7.747f	13282142	9030389	176.375	50.100 #
40) L8 AR-1262-5	9.496f	8.268	27253795	3889835	633.720	50.919 #
41) L9 AR-1268-1	0.000	7.695	0	12021595	N.D.	40.080 #
42) L9 AR-1268-2	8.822	7.747f	13282142	9030389	94.539	34.030 #

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Instrument :
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Integration File signal 1: autoint1.e
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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 28 04:28:00 2023
 Response via : Initial Calibration
 Integrator: ChemStation

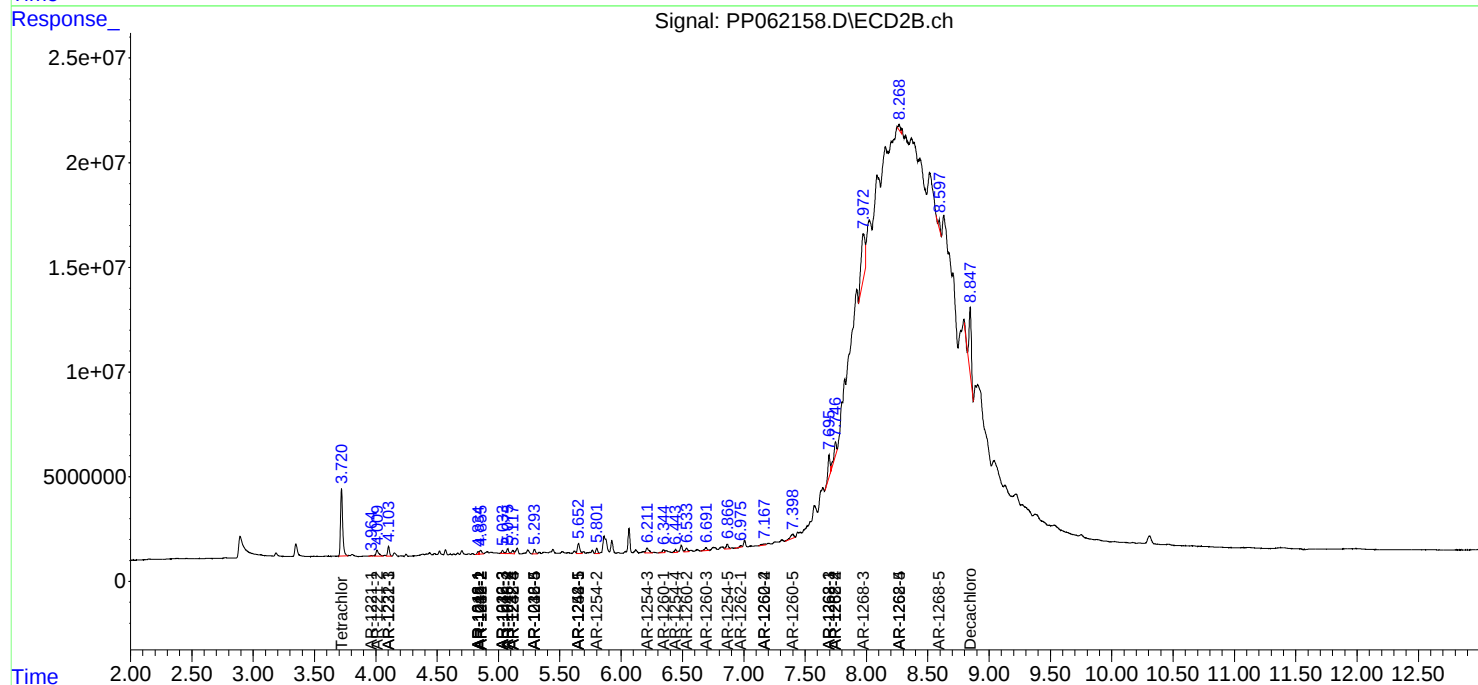
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

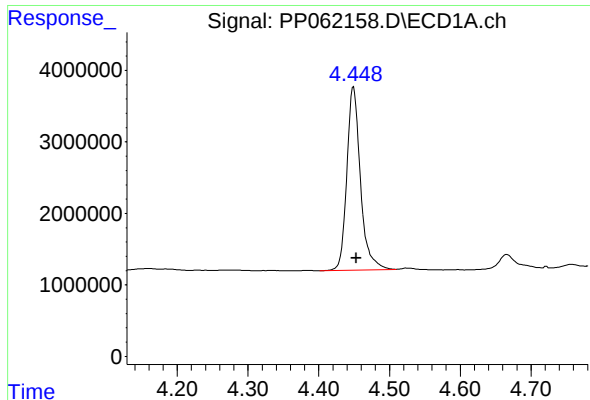
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	9.031f	7.973	3660250	48155745	30.851	198.244 #
44) L9	AR-1268-4	9.496f	8.268	27253795	3889835	603.678	45.054 #
45) L9	AR-1268-5	9.909	8.592	29848588	3591485	91.068	5.194 #

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

Instrument :
ECD_P
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

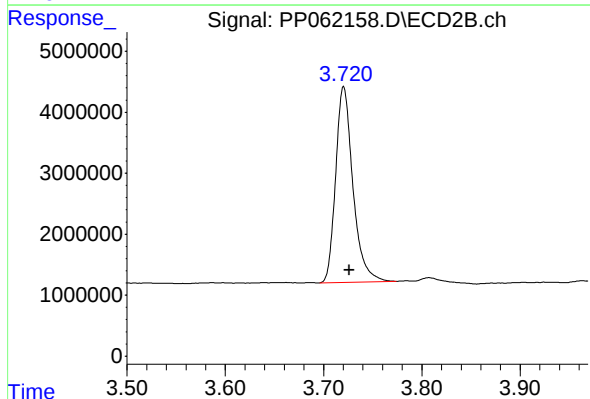




#1 Tetrachloro-m-xylene

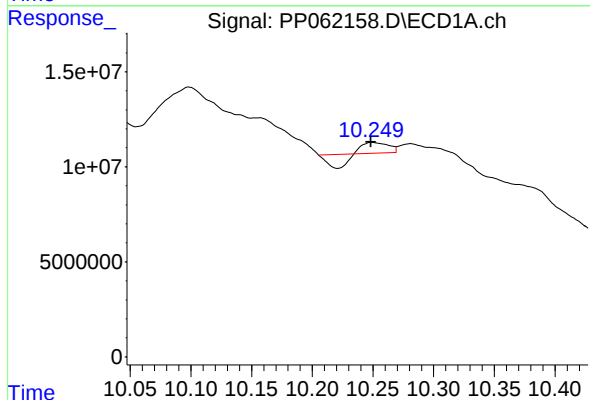
R.T.: 4.449 min
Delta R.T.: -0.004 min
Response: 34300176
Conc: 26.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



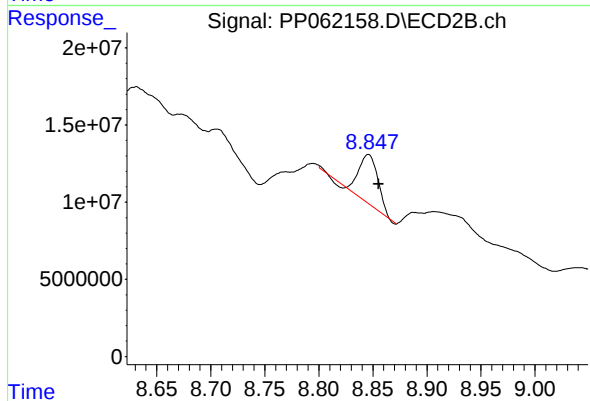
#1 Tetrachloro-m-xylene

R.T.: 3.720 min
Delta R.T.: -0.006 min
Response: 39243308
Conc: 21.81 ng/ml



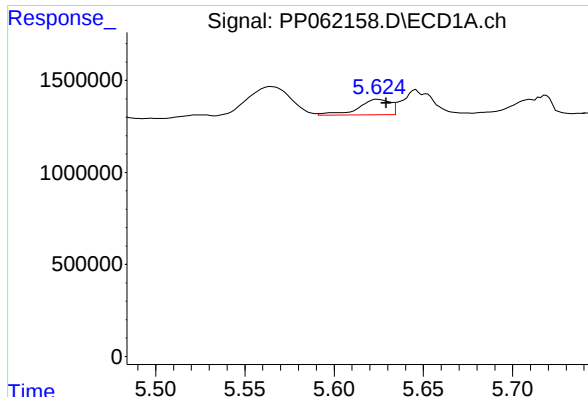
#2 Decachlorobiphenyl

R.T.: 10.249 min
Delta R.T.: 0.001 min
Response: 2185274
Conc: 2.12 ng/ml



#2 Decachlorobiphenyl

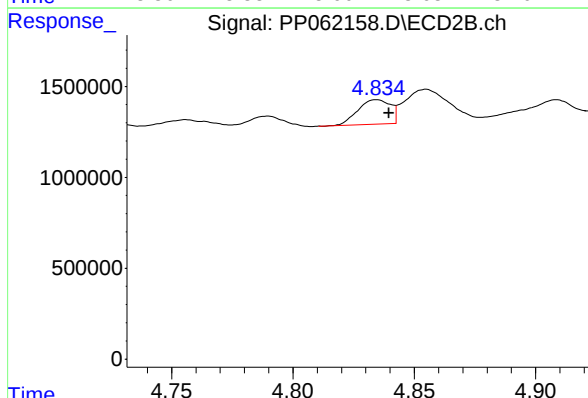
R.T.: 8.846 min
Delta R.T.: -0.010 min
Response: 39807311
Conc: 19.29 ng/ml



#3 AR-1016-1

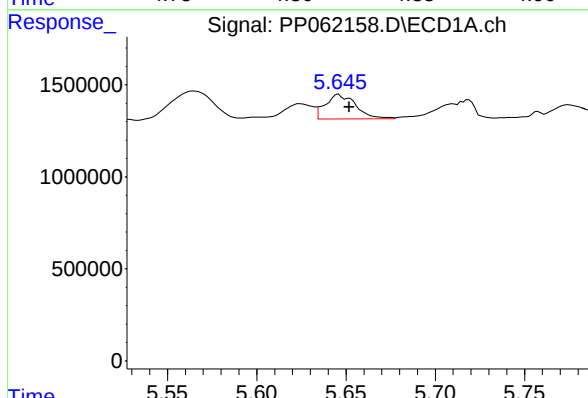
R.T.: 5.624 min
Delta R.T.: -0.005 min
Response: 1056155
Conc: 21.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



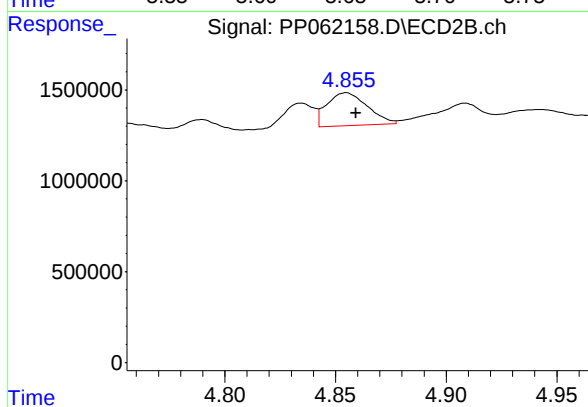
#3 AR-1016-1

R.T.: 4.835 min
Delta R.T.: -0.005 min
Response: 1249590
Conc: 18.86 ng/ml



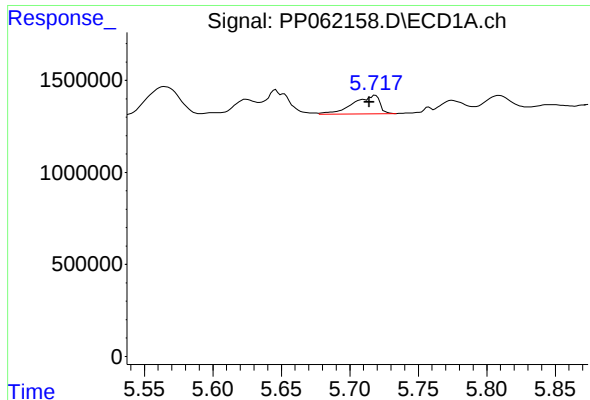
#4 AR-1016-2

R.T.: 5.646 min
Delta R.T.: -0.006 min
Response: 1586204
Conc: 21.26 ng/ml



#4 AR-1016-2

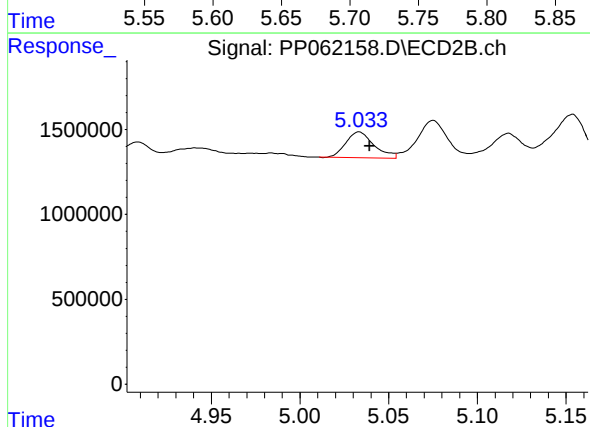
R.T.: 4.855 min
Delta R.T.: -0.004 min
Response: 2305396
Conc: 24.95 ng/ml



#5 AR-1016-3

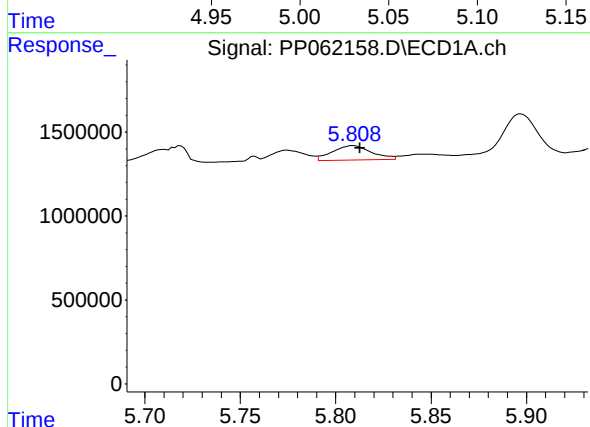
R.T.: 5.719 min
Delta R.T.: 0.004 min
Response: 1337289
Conc: 27.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



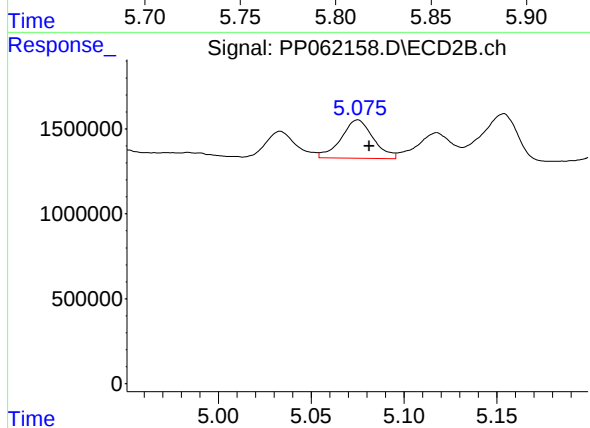
#5 AR-1016-3

R.T.: 5.033 min
Delta R.T.: -0.006 min
Response: 1668466
Conc: 32.89 ng/ml



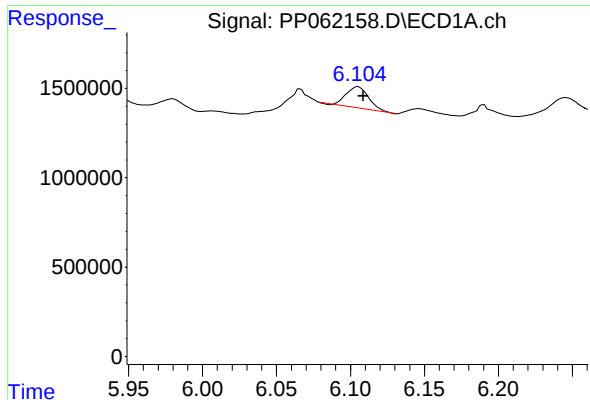
#6 AR-1016-4

R.T.: 5.809 min
Delta R.T.: -0.004 min
Response: 1207471
Conc: 31.77 ng/ml



#6 AR-1016-4

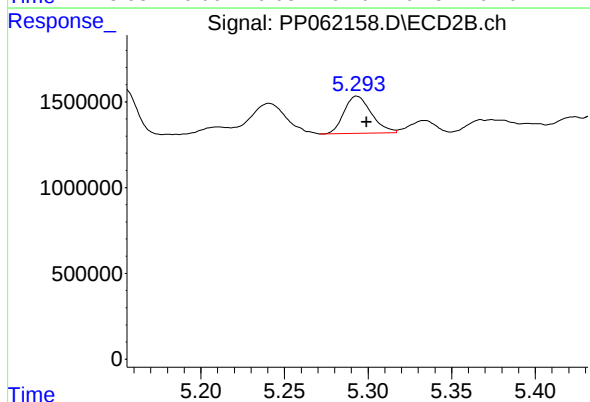
R.T.: 5.075 min
Delta R.T.: -0.006 min
Response: 2730530
Conc: 59.93 ng/ml



#7 AR-1016-5

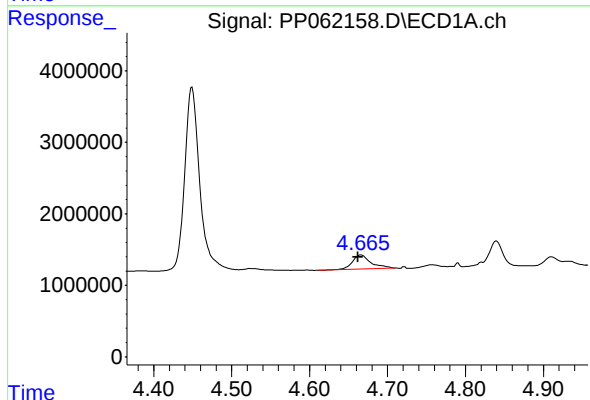
R.T.: 6.105 min
Delta R.T.: -0.004 min
Response: 1241540
Conc: 32.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



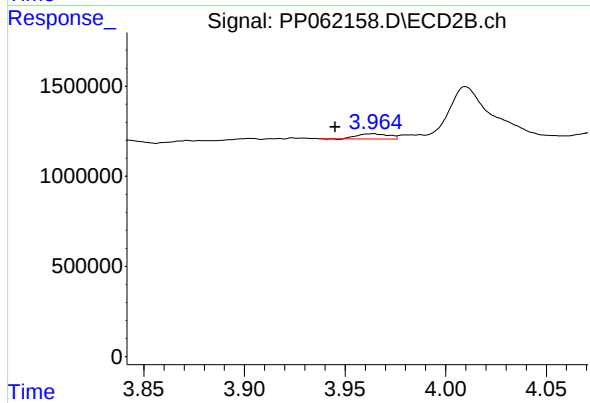
#7 AR-1016-5

R.T.: 5.293 min
Delta R.T.: -0.006 min
Response: 2472192
Conc: 42.76 ng/ml



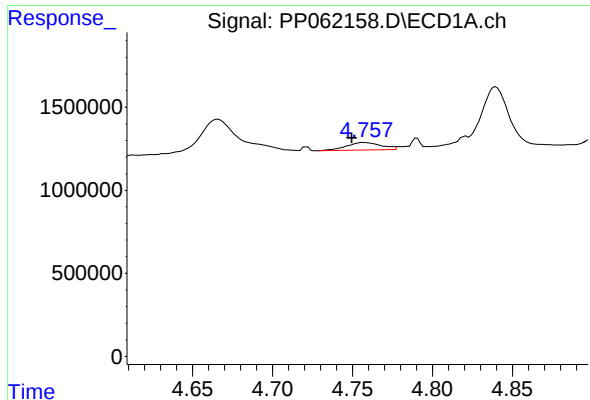
#8 AR-1221-1

R.T.: 4.666 min
Delta R.T.: 0.003 min
Response: 3271989
Conc: 183.35 ng/ml



#8 AR-1221-1

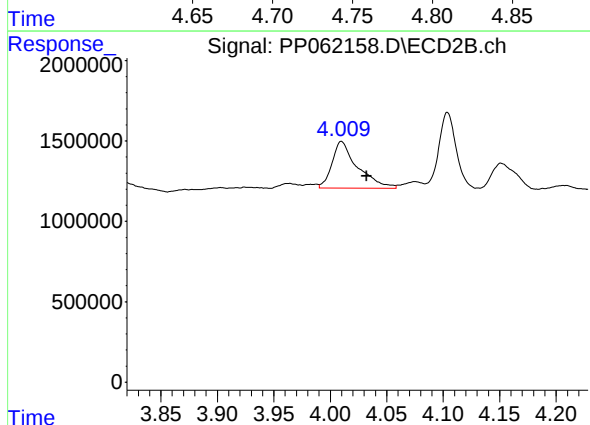
R.T.: 3.964 min
Delta R.T.: 0.019 min
Response: 297215
Conc: 11.77 ng/ml



#9 AR-1221-2

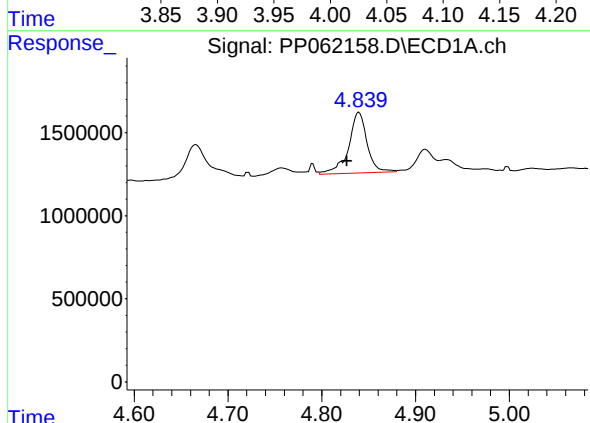
R.T.: 4.757 min
Delta R.T.: 0.008 min
Response: 673548
Conc: 50.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



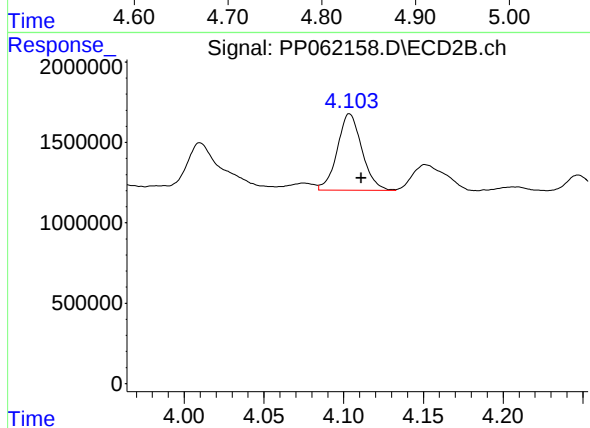
#9 AR-1221-2

R.T.: 4.010 min
Delta R.T.: -0.023 min
Response: 4590793
Conc: 241.35 ng/ml



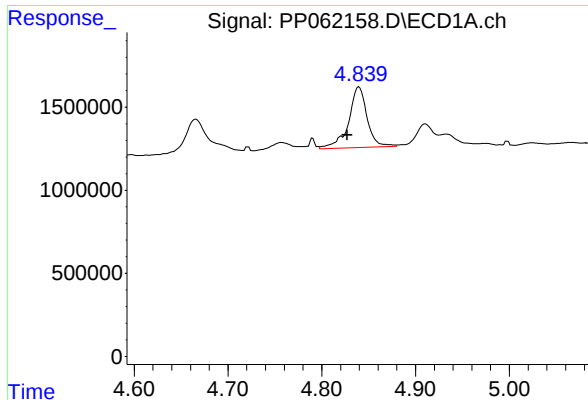
#10 AR-1221-3

R.T.: 4.840 min
Delta R.T.: 0.013 min
Response: 4989171
Conc: 125.39 ng/ml



#10 AR-1221-3

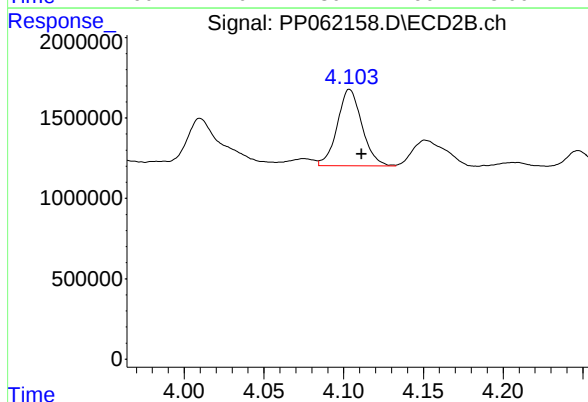
R.T.: 4.104 min
Delta R.T.: -0.007 min
Response: 5111355
Conc: 88.72 ng/ml



#11 AR-1232-1

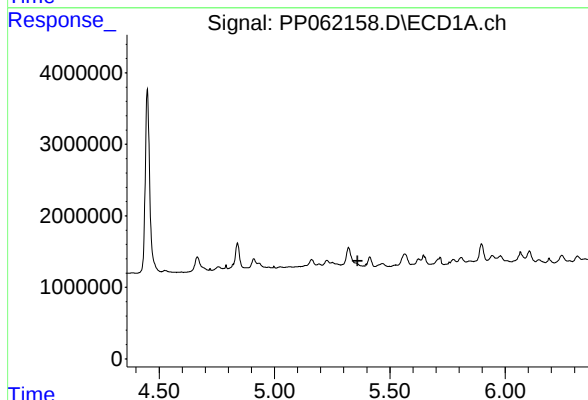
R.T.: 4.840 min
Delta R.T.: 0.013 min
Response: 4989171
Conc: 149.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



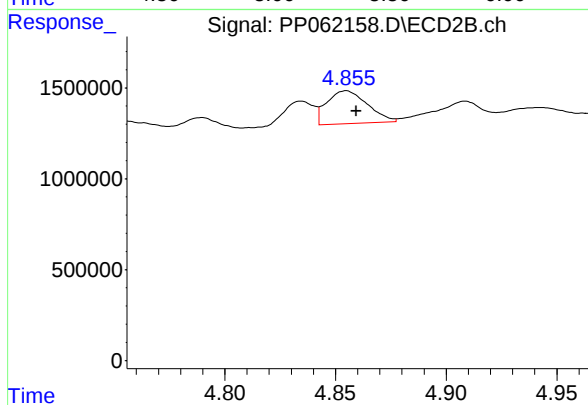
#11 AR-1232-1

R.T.: 4.104 min
Delta R.T.: -0.008 min
Response: 5111355
Conc: 108.55 ng/ml



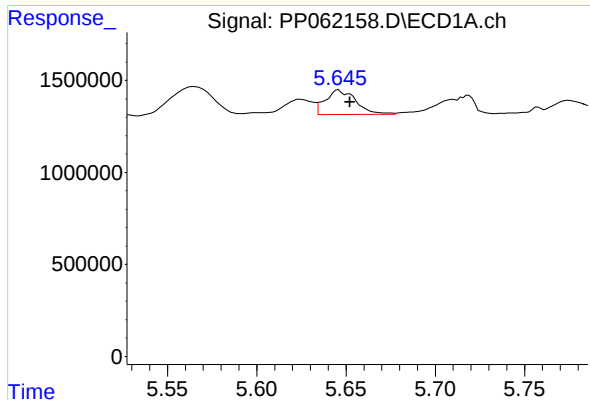
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.359 min
Response: 0
Conc: N.D.



#12 AR-1232-2

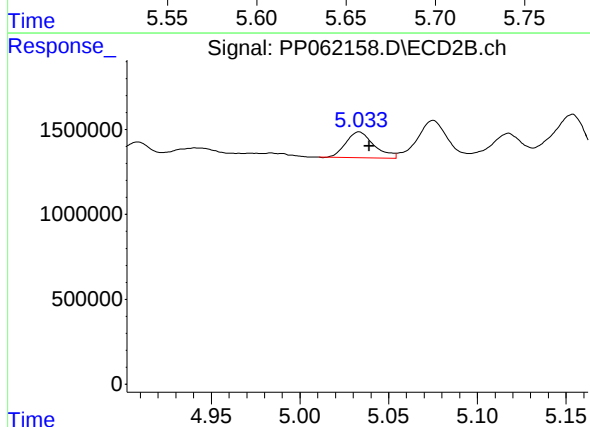
R.T.: 4.855 min
Delta R.T.: -0.004 min
Response: 2305396
Conc: 56.01 ng/ml



#13 AR-1232-3

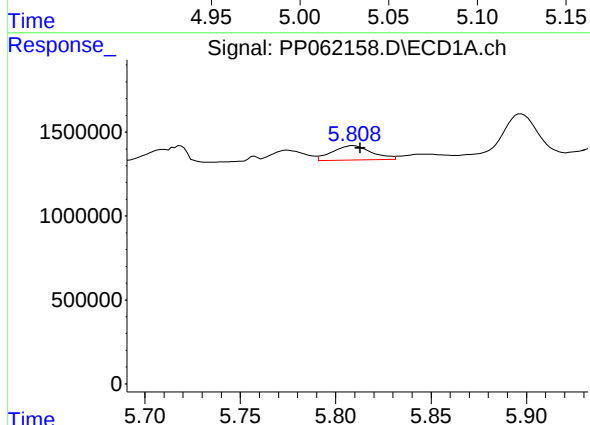
R.T.: 5.646 min
Delta R.T.: -0.007 min
Response: 1586204
Conc: 46.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



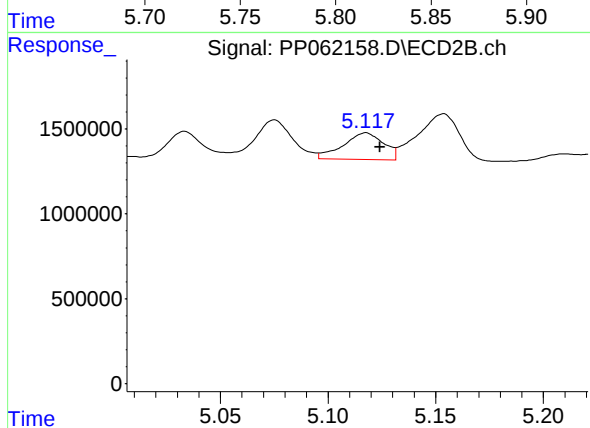
#13 AR-1232-3

R.T.: 5.033 min
Delta R.T.: -0.006 min
Response: 1668466
Conc: 73.65 ng/ml



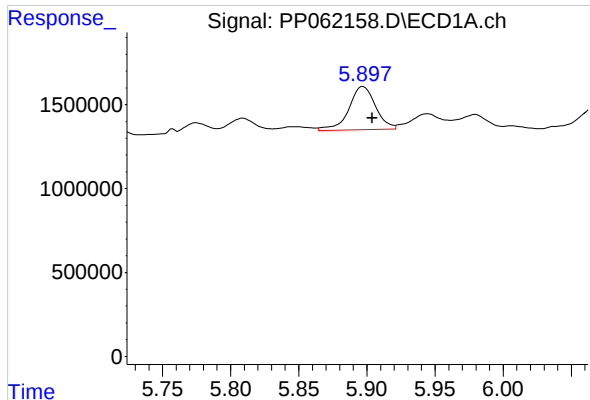
#14 AR-1232-4

R.T.: 5.809 min
Delta R.T.: -0.004 min
Response: 1207471
Conc: 71.47 ng/ml



#14 AR-1232-4

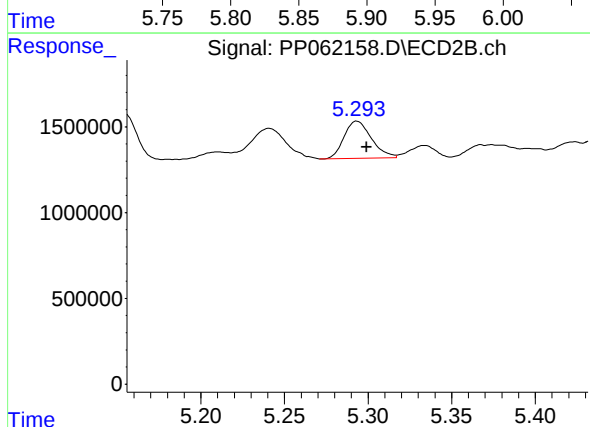
R.T.: 5.118 min
Delta R.T.: -0.006 min
Response: 2056063
Conc: 90.03 ng/ml



#15 AR-1232-5

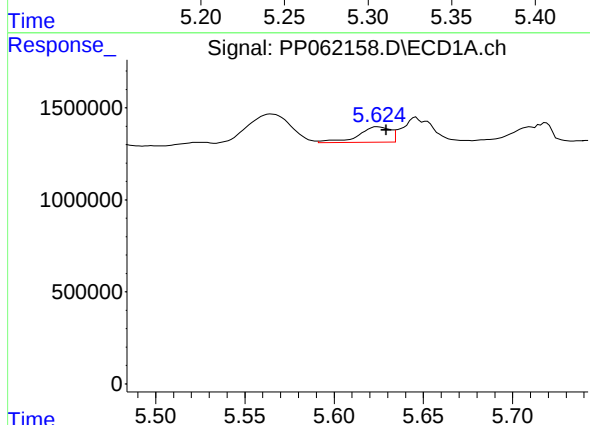
R.T.: 5.897 min
Delta R.T.: -0.007 min
Response: 3507687
Conc: 232.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



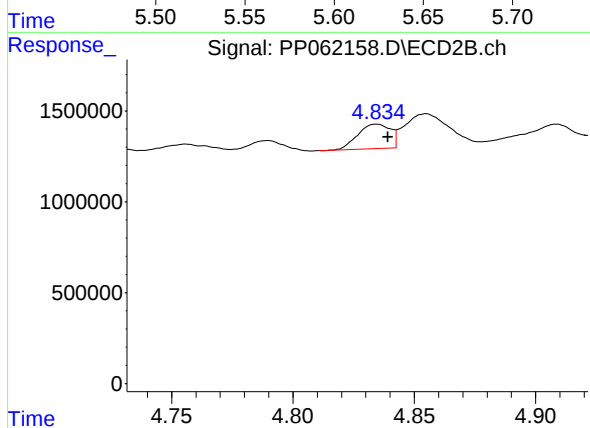
#15 AR-1232-5

R.T.: 5.293 min
Delta R.T.: -0.006 min
Response: 2472192
Conc: 97.15 ng/ml



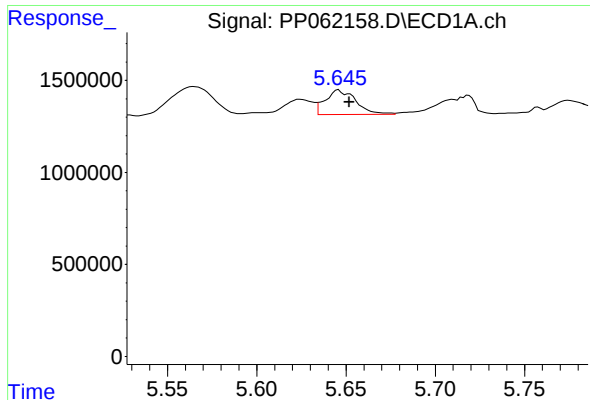
#16 AR-1242-1

R.T.: 5.624 min
Delta R.T.: -0.005 min
Response: 1056155
Conc: 26.57 ng/ml



#16 AR-1242-1

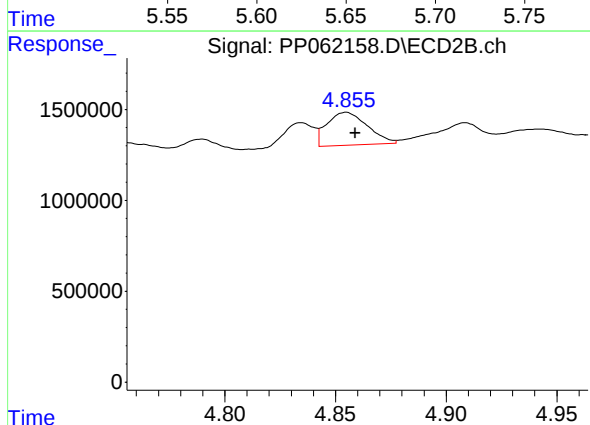
R.T.: 4.835 min
Delta R.T.: -0.005 min
Response: 1249590
Conc: 23.58 ng/ml



#17 AR-1242-2

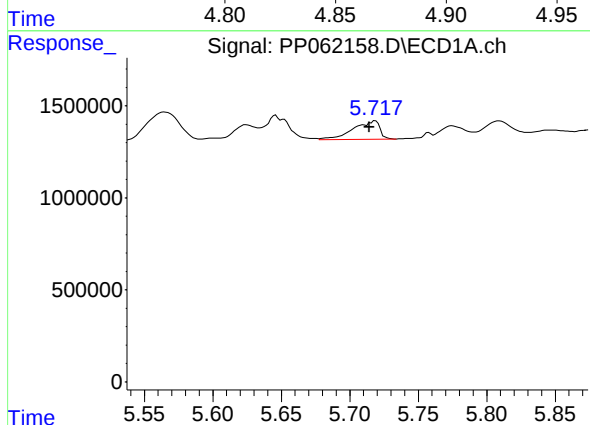
R.T.: 5.646 min
Delta R.T.: -0.006 min
Response: 1586204
Conc: 26.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



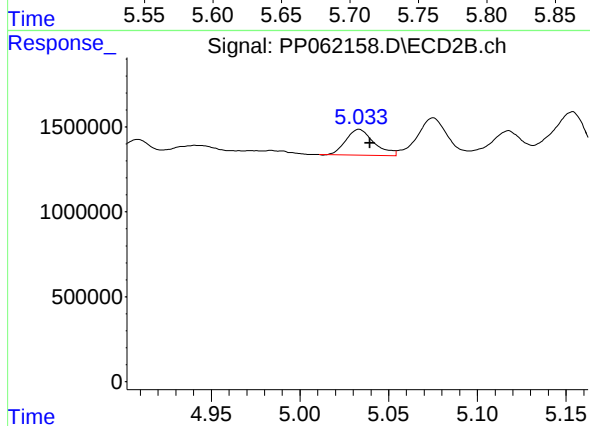
#17 AR-1242-2

R.T.: 4.855 min
Delta R.T.: -0.004 min
Response: 2305396
Conc: 31.66 ng/ml



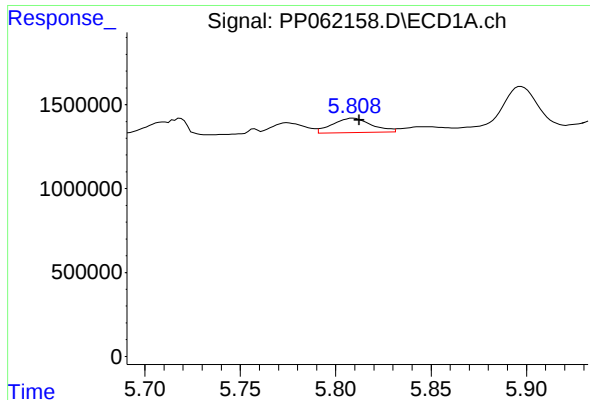
#18 AR-1242-3

R.T.: 5.719 min
Delta R.T.: 0.004 min
Response: 1337289
Conc: 34.20 ng/ml



#18 AR-1242-3

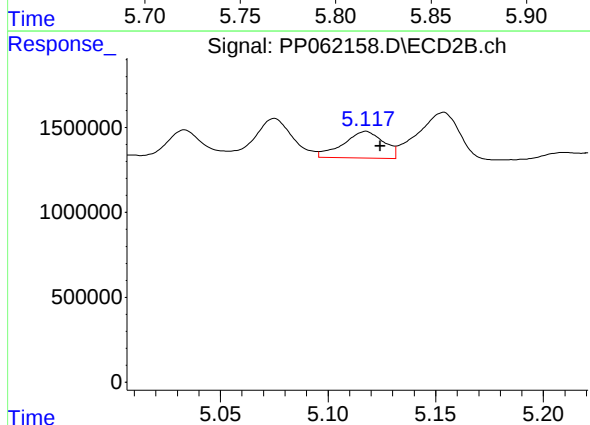
R.T.: 5.033 min
Delta R.T.: -0.006 min
Response: 1668466
Conc: 41.17 ng/ml



#19 AR-1242-4

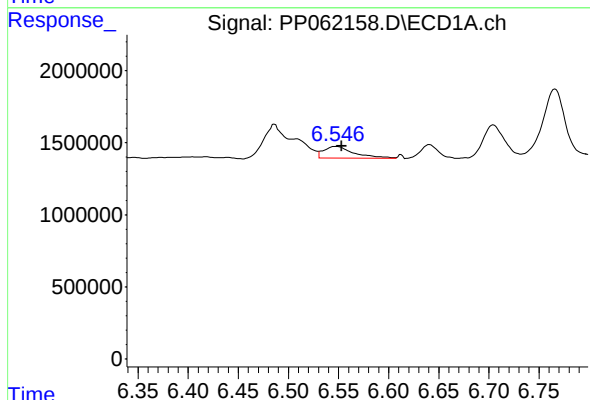
R.T.: 5.809 min
Delta R.T.: -0.003 min
Response: 1207471
Conc: 39.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



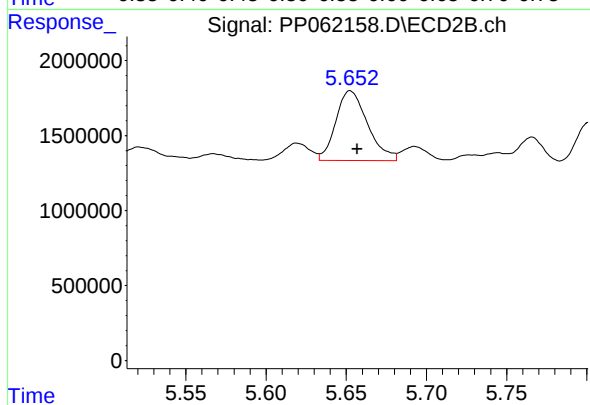
#19 AR-1242-4

R.T.: 5.118 min
Delta R.T.: -0.006 min
Response: 2056063
Conc: 45.55 ng/ml



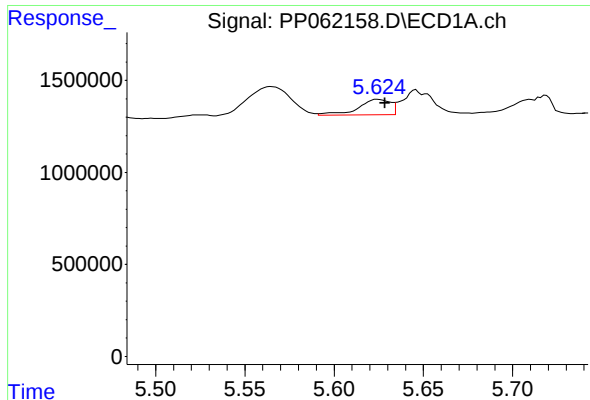
#20 AR-1242-5

R.T.: 6.548 min
Delta R.T.: -0.006 min
Response: 1713221
Conc: 57.14 ng/ml



#20 AR-1242-5

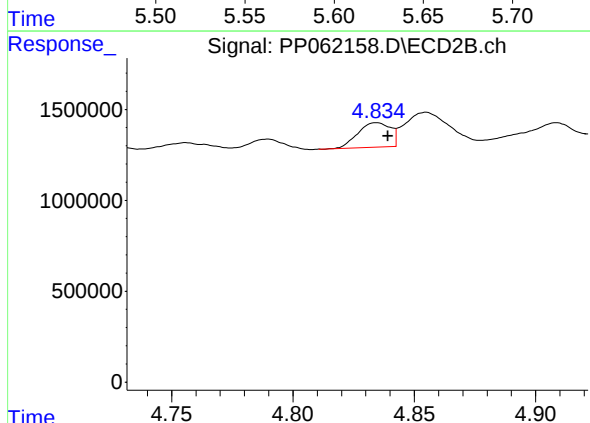
R.T.: 5.652 min
Delta R.T.: -0.005 min
Response: 6406851
Conc: 122.43 ng/ml



#21 AR-1248-1

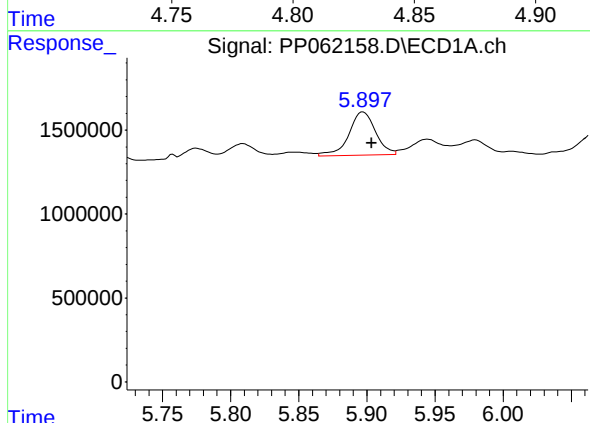
R.T.: 5.624 min
Delta R.T.: -0.004 min
Response: 1056155
Conc: 34.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



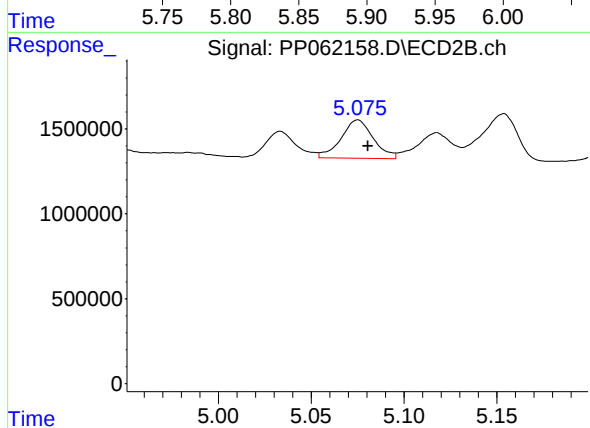
#21 AR-1248-1

R.T.: 4.835 min
Delta R.T.: -0.004 min
Response: 1249590
Conc: 31.30 ng/ml



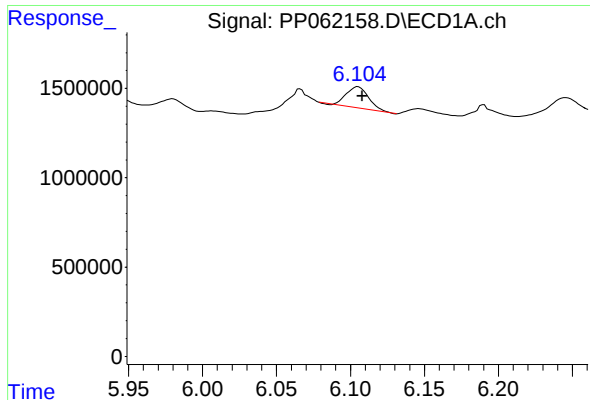
#22 AR-1248-2

R.T.: 5.897 min
Delta R.T.: -0.006 min
Response: 3507687
Conc: 71.70 ng/ml



#22 AR-1248-2

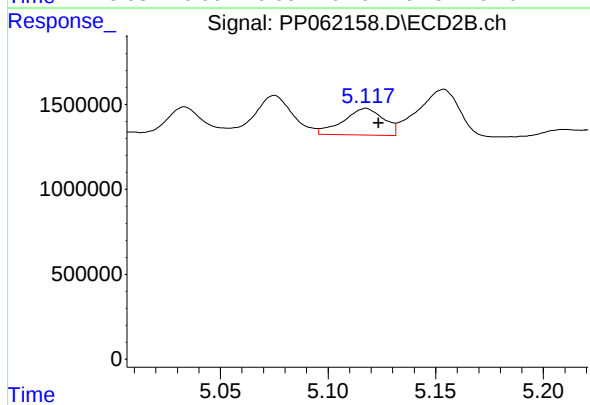
R.T.: 5.075 min
Delta R.T.: -0.005 min
Response: 2730530
Conc: 43.23 ng/ml



#23 AR-1248-3

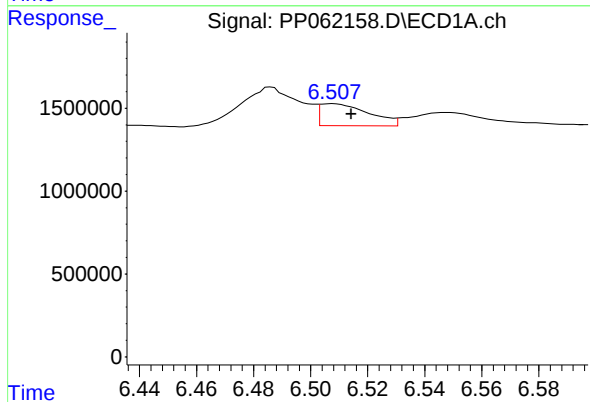
R.T.: 6.105 min
Delta R.T.: -0.003 min
Response: 1241540
Conc: 23.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



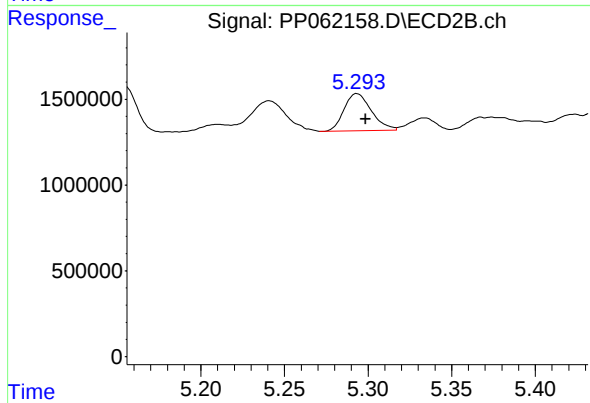
#23 AR-1248-3

R.T.: 5.118 min
Delta R.T.: -0.006 min
Response: 2056063
Conc: 31.35 ng/ml



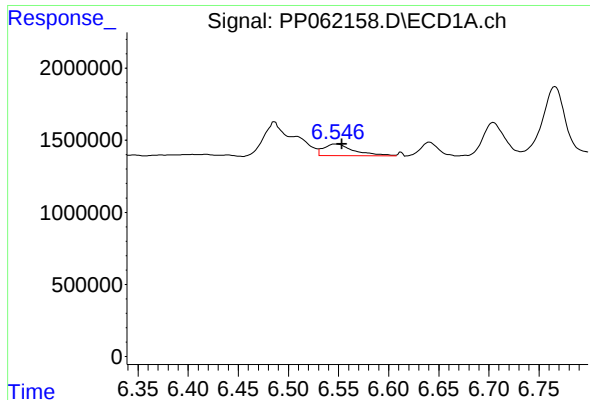
#24 AR-1248-4

R.T.: 6.508 min
Delta R.T.: -0.006 min
Response: 1580678
Conc: 31.19 ng/ml



#24 AR-1248-4

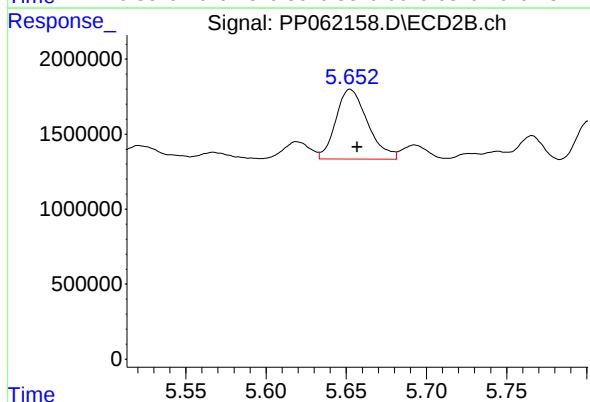
R.T.: 5.293 min
Delta R.T.: -0.005 min
Response: 2472192
Conc: 32.12 ng/ml



#25 AR-1248-5

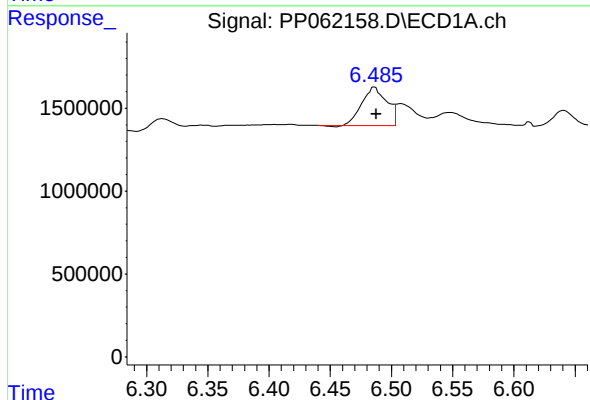
R.T.: 6.548 min
Delta R.T.: -0.006 min
Response: 1713221
Conc: 33.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



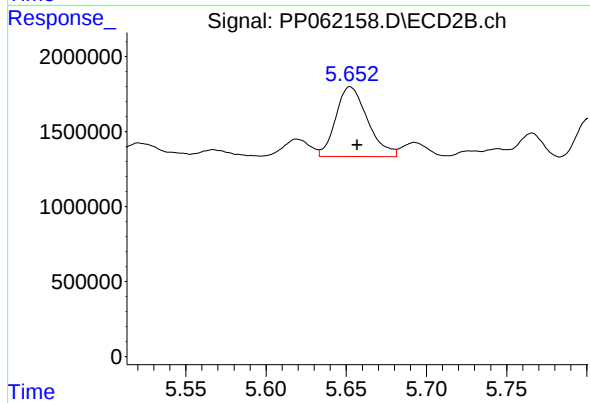
#25 AR-1248-5

R.T.: 5.652 min
Delta R.T.: -0.005 min
Response: 6406851
Conc: 64.11 ng/ml



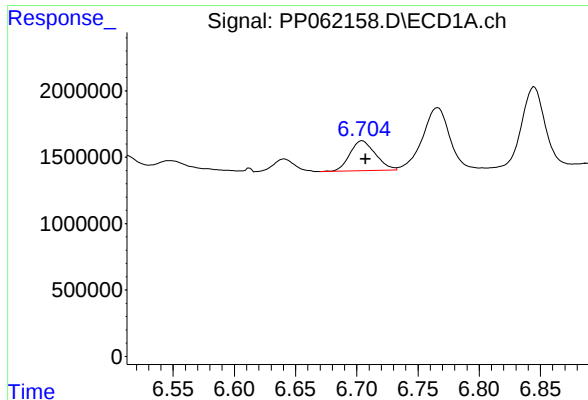
#26 AR-1254-1

R.T.: 6.486 min
Delta R.T.: -0.002 min
Response: 3282430
Conc: 58.51 ng/ml



#26 AR-1254-1

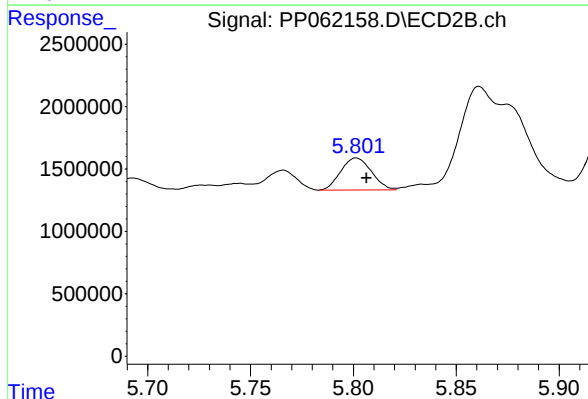
R.T.: 5.652 min
Delta R.T.: -0.005 min
Response: 6406851
Conc: 58.84 ng/ml



#27 AR-1254-2

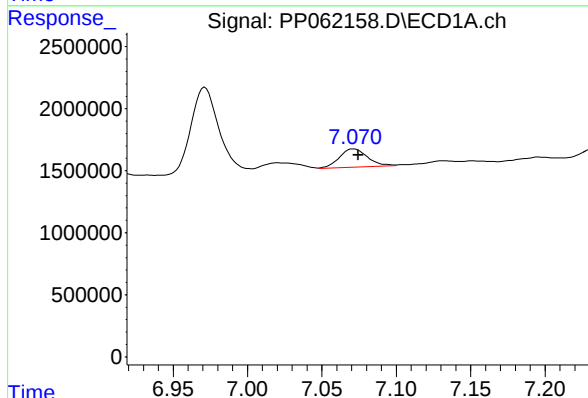
R.T.: 6.704 min
Delta R.T.: -0.003 min
Response: 3291222
Conc: 39.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



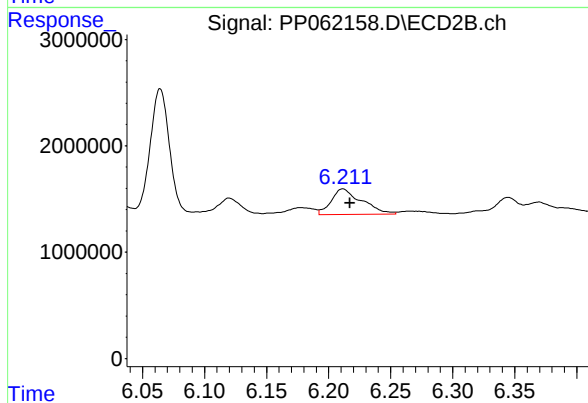
#27 AR-1254-2

R.T.: 5.802 min
Delta R.T.: -0.005 min
Response: 2678207
Conc: 26.69 ng/ml



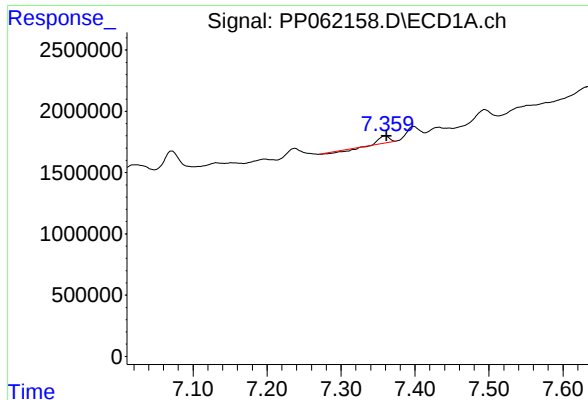
#28 AR-1254-3

R.T.: 7.071 min
Delta R.T.: -0.003 min
Response: 1934921
Conc: 23.39 ng/ml



#28 AR-1254-3

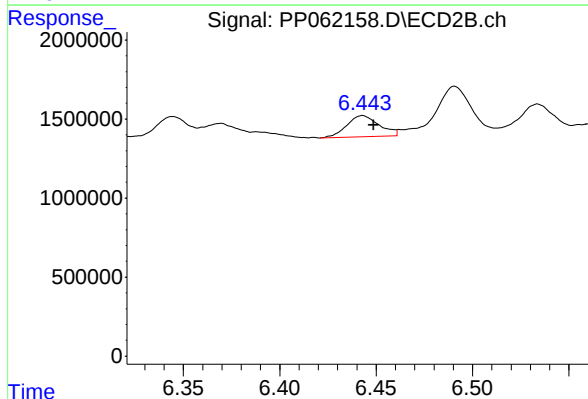
R.T.: 6.211 min
Delta R.T.: -0.006 min
Response: 4124948
Conc: 26.40 ng/ml



#29 AR-1254-4

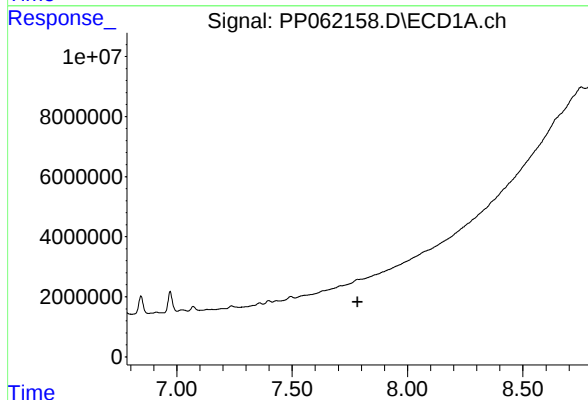
R.T.: 7.360 min
Delta R.T.: -0.002 min
Response: 227041
Conc: 4.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



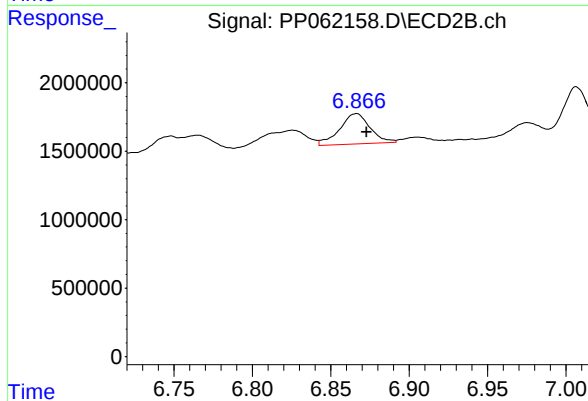
#29 AR-1254-4

R.T.: 6.443 min
Delta R.T.: -0.006 min
Response: 1564355
Conc: 19.68 ng/ml



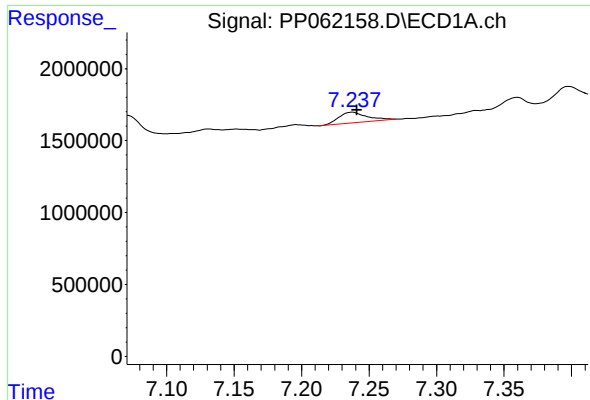
#30 AR-1254-5

R.T.: 7.783 min
Delta R.T.: 0.000 min
Response: -5364903
Conc: N.D.



#30 AR-1254-5

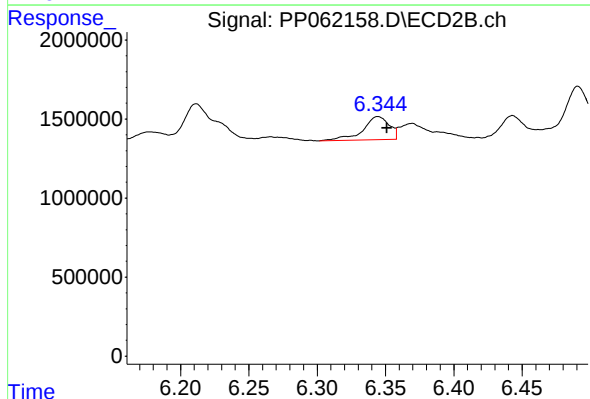
R.T.: 6.866 min
Delta R.T.: -0.007 min
Response: 3007410
Conc: 21.31 ng/ml



#31 AR-1260-1

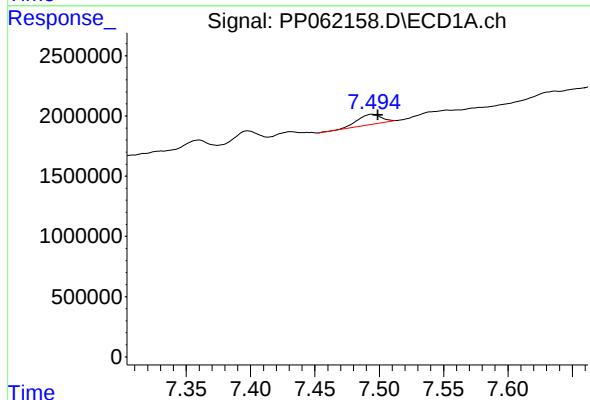
R.T.: 7.238 min
Delta R.T.: -0.003 min
Response: 1071449
Conc: 15.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



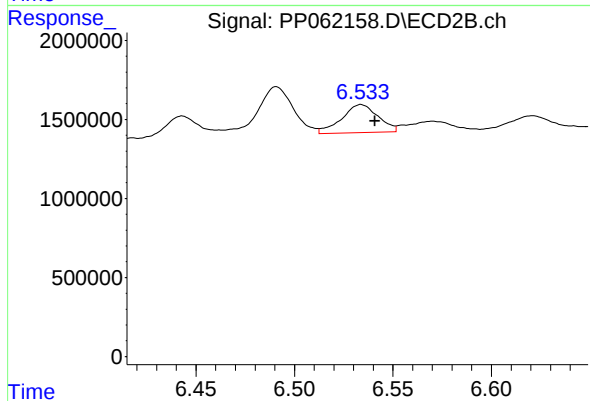
#31 AR-1260-1

R.T.: 6.345 min
Delta R.T.: -0.006 min
Response: 1985278
Conc: 17.06 ng/ml



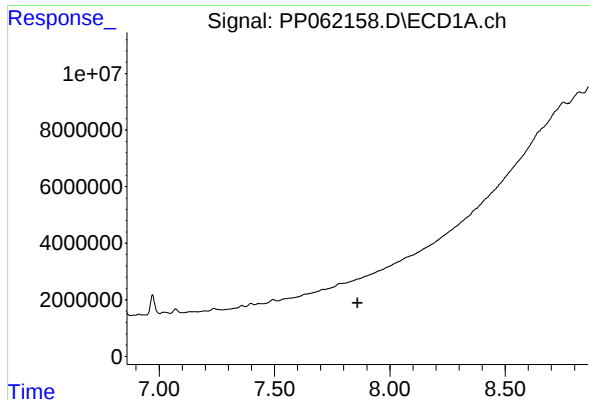
#32 AR-1260-2

R.T.: 7.495 min
Delta R.T.: -0.005 min
Response: 1065976
Conc: 14.15 ng/ml



#32 AR-1260-2

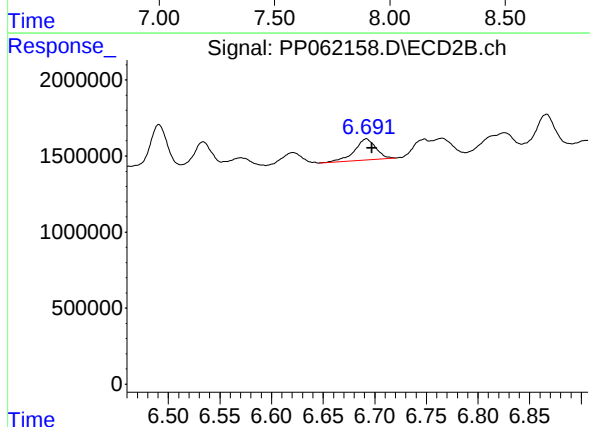
R.T.: 6.534 min
Delta R.T.: -0.007 min
Response: 2265556
Conc: 16.63 ng/ml



#33 AR-1260-3

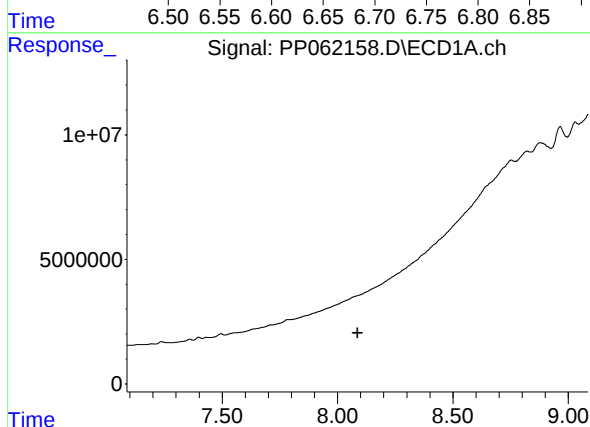
R.T.: 0.000 min
Exp R.T.: 7.861 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



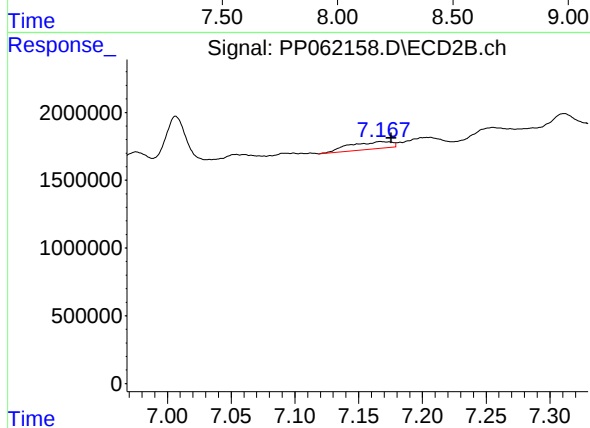
#33 AR-1260-3

R.T.: 6.692 min
Delta R.T.: -0.005 min
Response: 1995612
Conc: 15.25 ng/ml



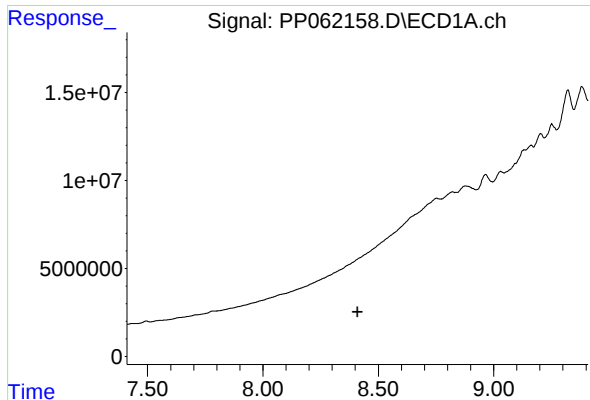
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 8.087 min
Response: 0
Conc: N.D.



#34 AR-1260-4

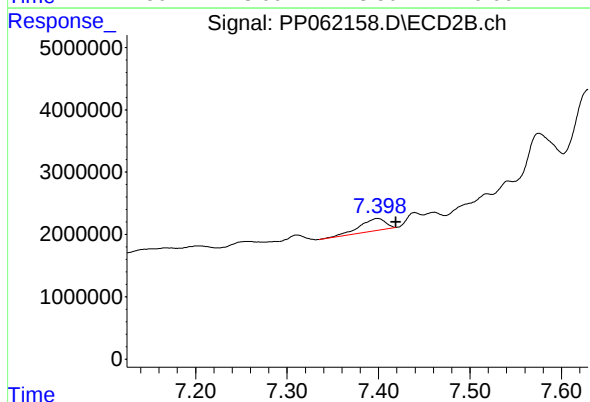
R.T.: 7.167 min
Delta R.T.: -0.008 min
Response: 1244204
Conc: 12.62 ng/ml



#35 AR-1260-5

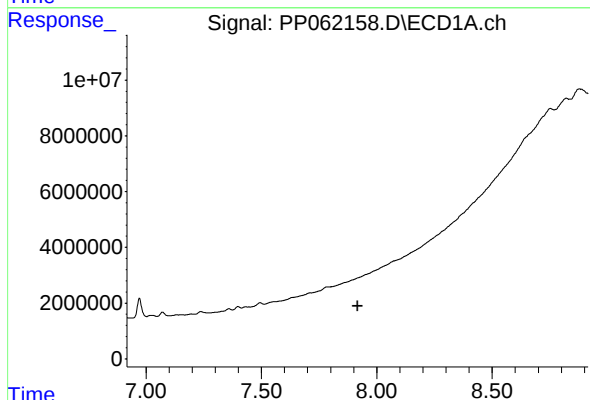
R.T.: 0.000 min
Exp R.T.: 8.410 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



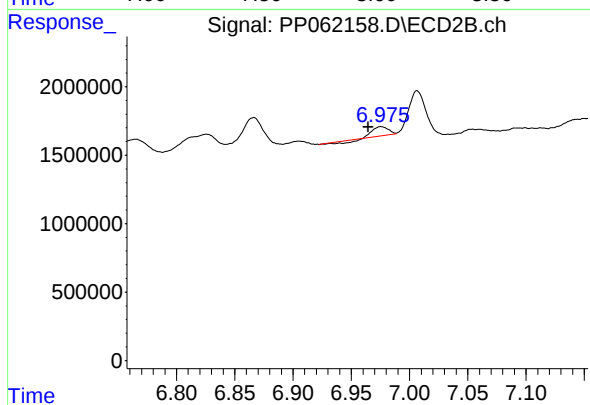
#35 AR-1260-5

R.T.: 7.399 min
Delta R.T.: -0.020 min
Response: 3929912
Conc: 18.35 ng/ml



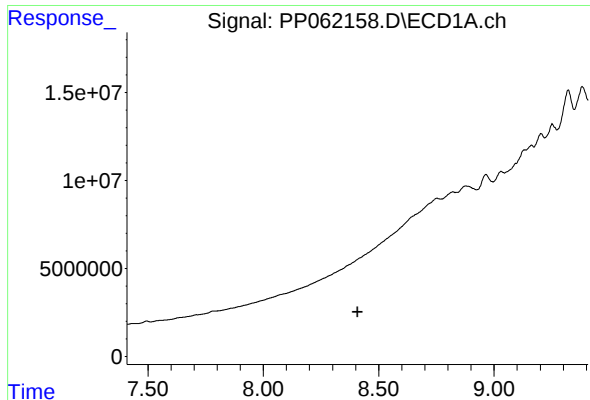
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 7.916 min
Response: 0
Conc: N.D.



#36 AR-1262-1

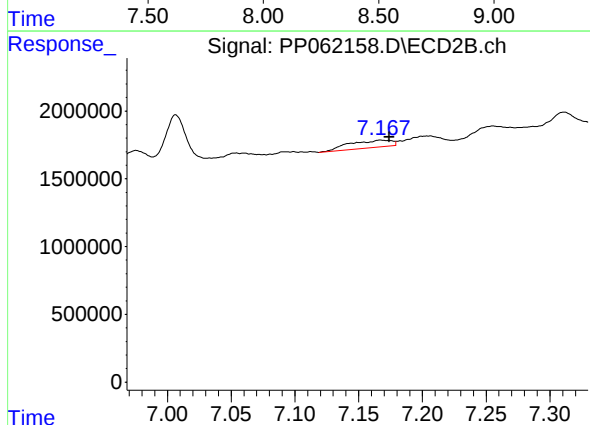
R.T.: 6.976 min
Delta R.T.: 0.011 min
Response: 443870
Conc: 6.99 ng/ml



#37 AR-1262-2

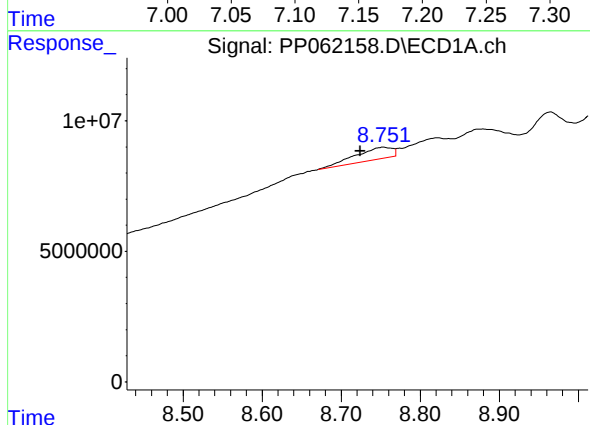
R.T.: 0.000 min
Exp R.T.: 8.408 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



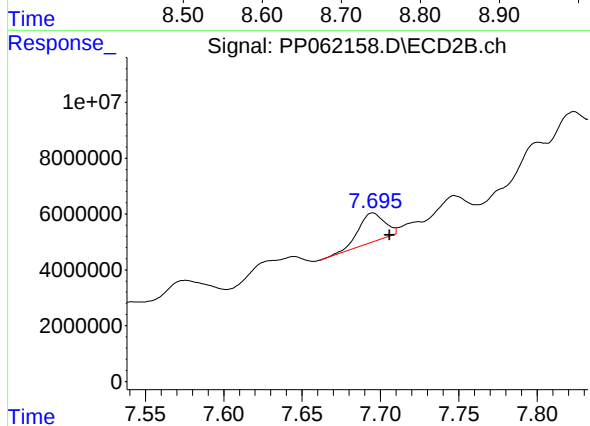
#37 AR-1262-2

R.T.: 7.167 min
Delta R.T.: -0.007 min
Response: 1244204
Conc: 9.21 ng/ml



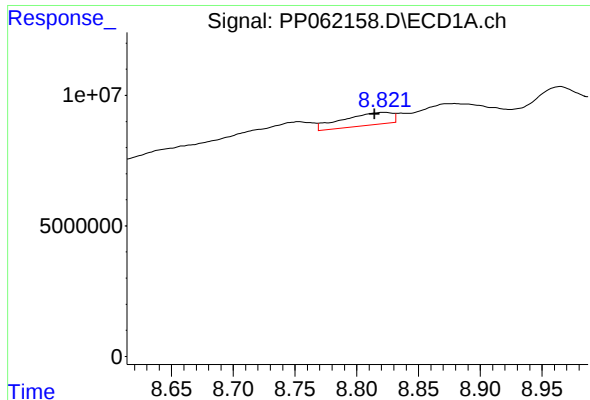
#38 AR-1262-3

R.T.: 8.753 min
Delta R.T.: 0.029 min
Response: 14741439
Conc: 168.30 ng/ml



#38 AR-1262-3

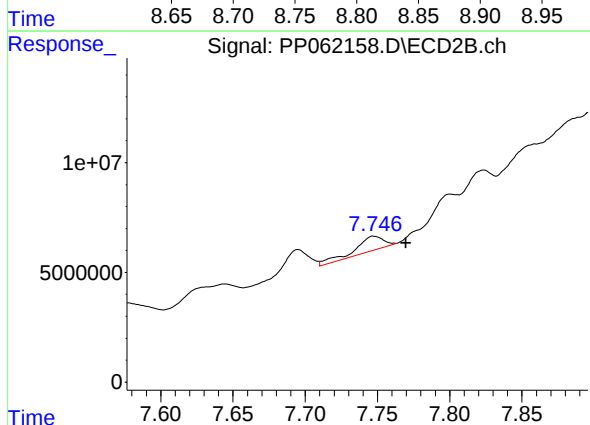
R.T.: 7.695 min
Delta R.T.: -0.011 min
Response: 12021595
Conc: 114.90 ng/ml



#39 AR-1262-4

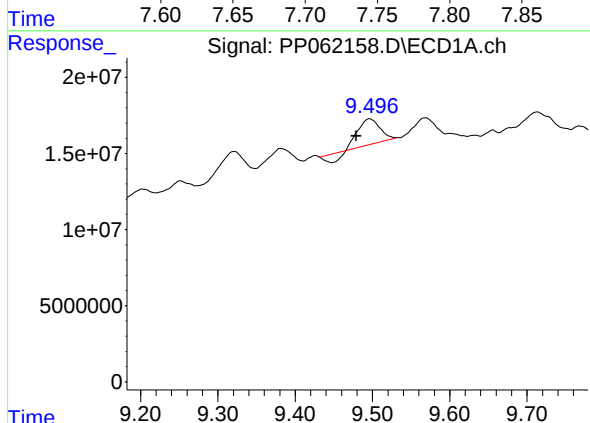
R.T.: 8.822 min
Delta R.T.: 0.007 min
Response: 13282142
Conc: 176.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



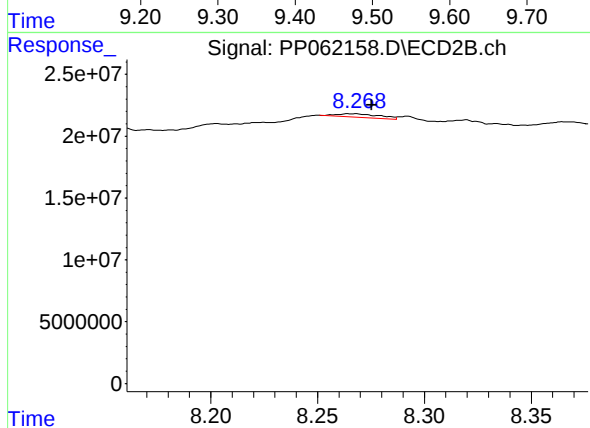
#39 AR-1262-4

R.T.: 7.747 min
Delta R.T.: -0.022 min
Response: 9030389
Conc: 50.10 ng/ml



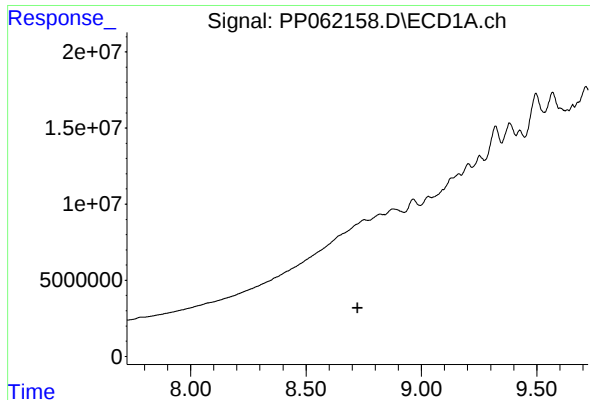
#40 AR-1262-5

R.T.: 9.496 min
Delta R.T.: 0.017 min
Response: 27253795
Conc: 633.72 ng/ml



#40 AR-1262-5

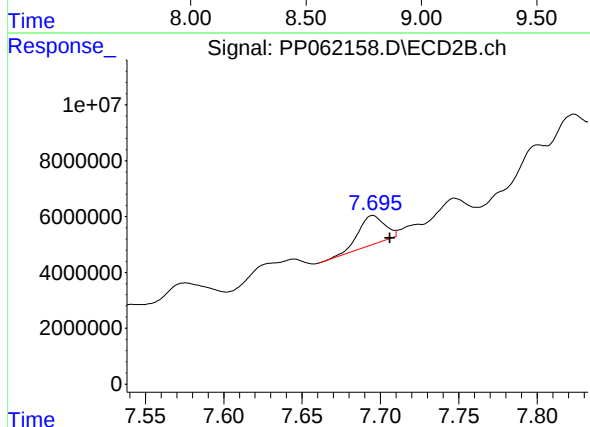
R.T.: 8.268 min
Delta R.T.: -0.008 min
Response: 3889835
Conc: 50.92 ng/ml



#41 AR-1268-1

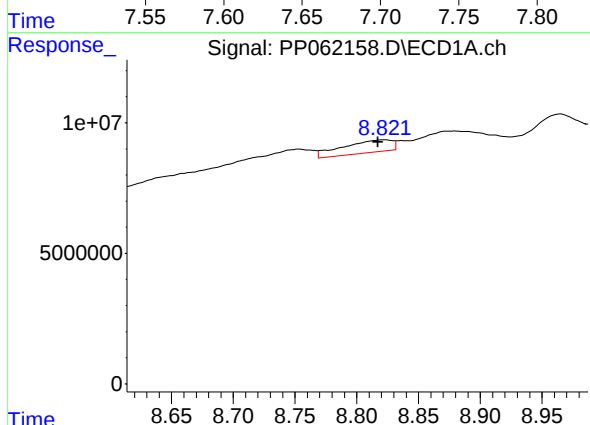
R.T.: 0.000 min
Exp R.T.: 8.723 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



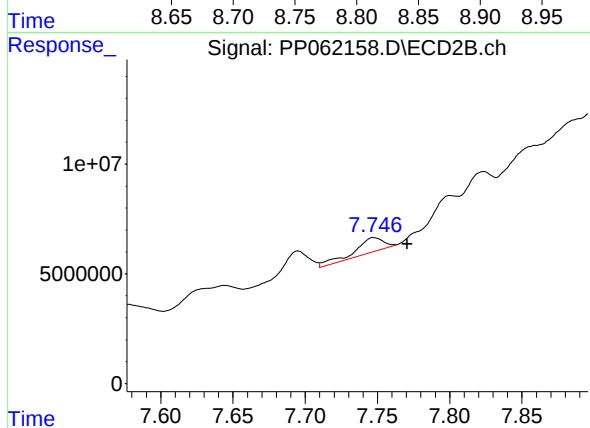
#41 AR-1268-1

R.T.: 7.695 min
Delta R.T.: -0.011 min
Response: 12021595
Conc: 40.08 ng/ml



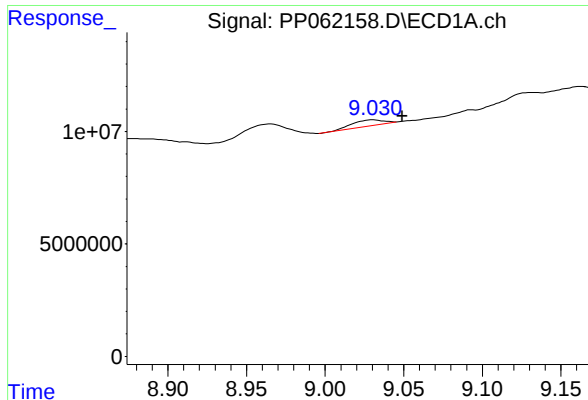
#42 AR-1268-2

R.T.: 8.822 min
Delta R.T.: 0.005 min
Response: 13282142
Conc: 94.54 ng/ml



#42 AR-1268-2

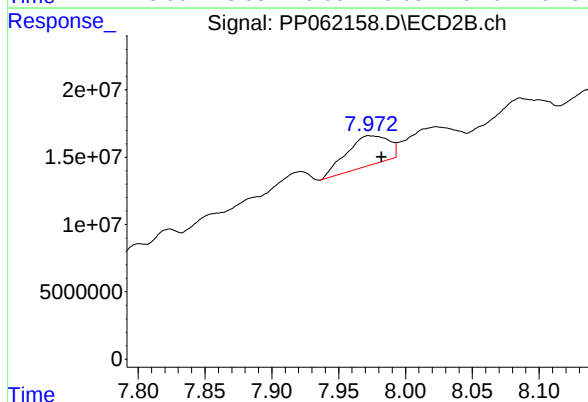
R.T.: 7.747 min
Delta R.T.: -0.023 min
Response: 9030389
Conc: 34.03 ng/ml



#43 AR-1268-3

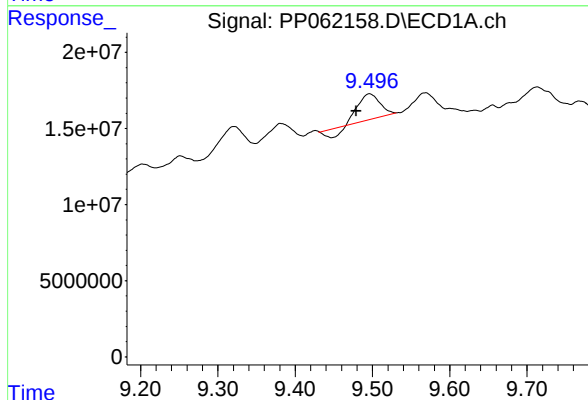
R.T.: 9.031 min
Delta R.T.: -0.018 min
Response: 3660250
Conc: 30.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



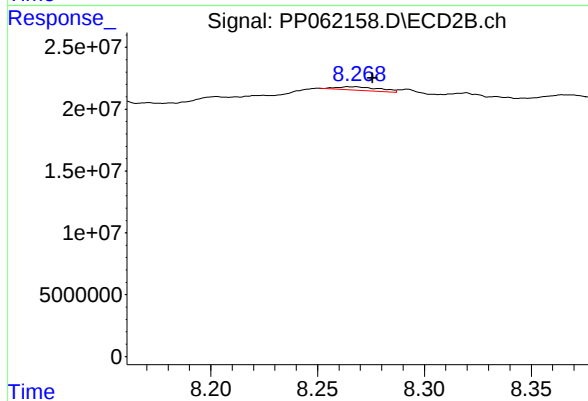
#43 AR-1268-3

R.T.: 7.973 min
Delta R.T.: -0.009 min
Response: 48155745
Conc: 198.24 ng/ml



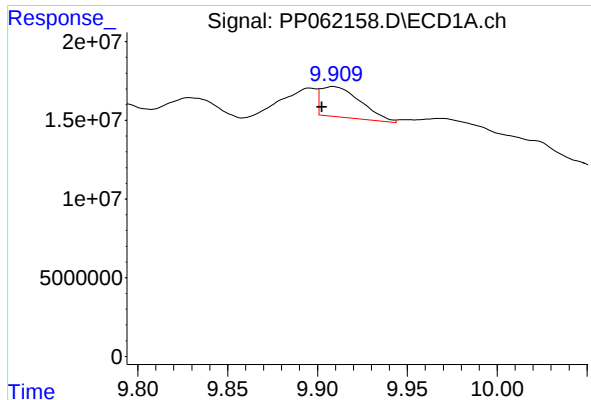
#44 AR-1268-4

R.T.: 9.496 min
Delta R.T.: 0.017 min
Response: 27253795
Conc: 603.68 ng/ml



#44 AR-1268-4

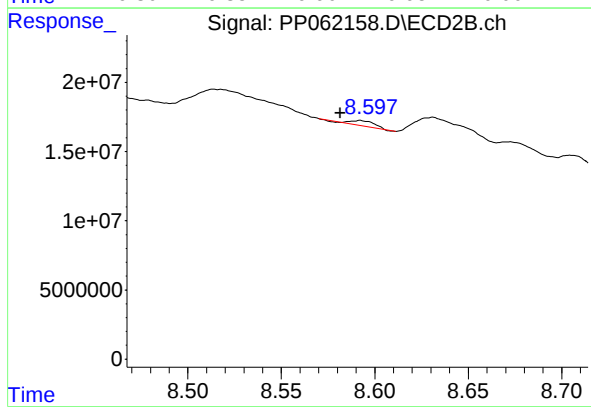
R.T.: 8.268 min
Delta R.T.: -0.008 min
Response: 3889835
Conc: 45.05 ng/ml



#45 AR-1268-5

R.T.: 9.909 min
Delta R.T.: 0.007 min
Response: 29848588
Conc: 91.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.592 min
Delta R.T.: 0.011 min
Response: 3591485
Conc: 5.19 ng/ml