

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR012120\
 Data File : PR044457.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jan 2020 13:22
 Operator : DD\AJ
 Sample : L1161-09
 Misc : AR1232 MDL 25 PPB
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 22 01:18:20 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR012020.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 21 02:46:28 2020
 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...	4.699	3.961	156.5E6	318.7E6	21.108	20.153
2)	SA Decachlor...	10.591	9.040	156.5E6	273.3E6	20.490	19.206
Target Compounds							
3)	L1 AR-1016-1	5.874	5.051	3162416	5463779	11.628	12.111
4)	L1 AR-1016-2	5.897	5.070	4427756	7772032	11.510	12.601
5)	L1 AR-1016-3	5.960	5.247	2714641	3519020	11.962	11.579
6)	L1 AR-1016-4	6.059	5.289	2206473	2553352	11.615	11.123
7)	L1 AR-1016-5	6.353	5.504	1849123	3098754	9.989	9.854
8)	L2 AR-1221-1	4.907	4.171	1290507	2852802	17.555	17.131
9)	L2 AR-1221-2	5.008	4.263	2699058	5792368	49.263	46.980
10)	L2 AR-1221-3	5.074	4.335	4059044	9247639	22.882	23.995
11)	L3 AR-1232-1	5.074	4.335	4059044	9247639	28.949	30.324
12)	L3 AR-1232-2	5.607	5.070	2411467	7772032	32.700	31.524
13)	L3 AR-1232-3	5.897	5.247	4427756	3519020	29.494	29.182
14)	L3 AR-1232-4	6.059	5.330	2206473	2927124	29.667	29.905
15)	L3 AR-1232-5	6.146	5.504	1501083	3098754	27.152	27.584
16)	L4 AR-1242-1	5.874	5.051	3162416	5463779	16.448	17.526
17)	L4 AR-1242-2	5.897	5.070	4427756	7772032	16.279	18.190
18)	L4 AR-1242-3	5.960	5.247	2714641	3519020	16.741	16.559
19)	L4 AR-1242-4	6.059	5.330	2206473	2927124	16.269	15.188
20)	L4 AR-1242-5	6.794	5.855	2471134	6732800	16.192	21.813 #
21)	L5 AR-1248-1	5.874	5.051	3162416	5463779	20.852	21.657
22)	L5 AR-1248-2	6.146	5.289	1501083	2553352	7.363	9.320 #
23)	L5 AR-1248-3	6.353	5.330	1849123	2927124	8.121	10.438 #
24)	L5 AR-1248-4	6.755	5.504	2243348	3098754	8.287	8.576
25)	L5 AR-1248-5	6.794	5.896	2471134	7828309	9.657	18.668 #
26)	L6 AR-1254-1	6.729	5.855	1758890	6732800	6.711	10.848 #
27)	L6 AR-1254-2	6.954	6.002	1719586	6332674	4.226	11.395 #
28)	L6 AR-1254-3	7.316	6.409	1103452	1427439	2.506	1.508 #
29)	L6 AR-1254-4	7.600	6.634	427545	1499266	1.267	2.081 #
30)	L6 AR-1254-5	0.000	7.061	0	506554	N.D.	0.593 #
31)	L7 AR-1260-1	0.000	6.553	0	1311744	N.D.	1.924 #
32)	L7 AR-1260-2	0.000	6.709	0	1503629	N.D.	1.506 #
33)	L7 AR-1260-3	0.000	6.875	0	1399407	N.D.	1.725 #
34)	L7 AR-1260-4	0.000	7.356	0	511333	N.D.	0.709 #
35)	L7 AR-1260-5	0.000	7.592	0	2552772	N.D.	1.181 #
36)	L8 AR-1262-1	0.000	7.082	0	550178	N.D.	0.455 #
37)	L8 AR-1262-2	0.000	7.592	0	2552772	N.D.	1.145 #
38)	L8 AR-1262-3	0.000	7.878	0	193175	N.D.	0.218 #
39)	L8 AR-1262-4	0.000	7.932	0	802938	N.D.	0.546 #
40)	L8 AR-1262-5	0.000	8.447	0	330647	N.D.	0.484 #
41)	L9 AR-1268-1	0.000	7.878	0	193175	N.D.	0.072 #

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 Operator : DD\AJ
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 Misc : AR1232 MDL 25 PPB
 ALS Vial : 16 Sample Multiplier: 1

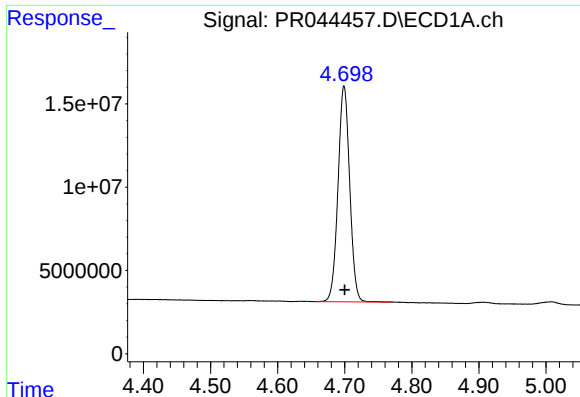
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 22 01:18:20 2020
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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
42) L9	AR-1268-2	0.000	7.932	0	802938	N.D.	0.351 #
43) L9	AR-1268-3	9.337	8.148	590989	1855578	0.715	0.952 #
44) L9	AR-1268-4	0.000	8.447	0	330647	N.D.	0.418 #
45) L9	AR-1268-5	10.234	8.765	1174564	3004200	0.408	0.536 #

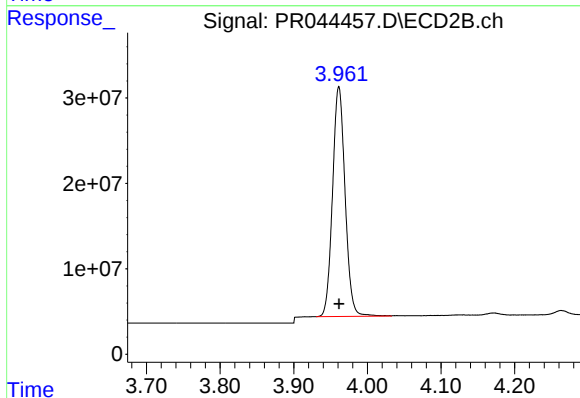
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

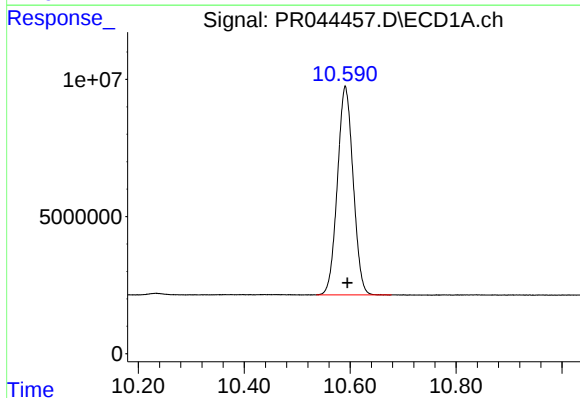
R.T.: 4.699 min
Delta R.T.: 0.000 min
Response: 156491136
Conc: 21.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



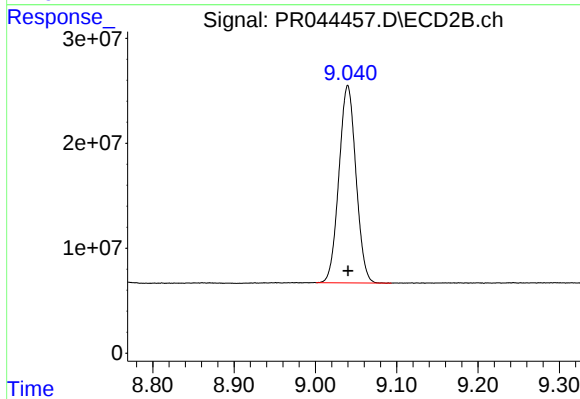
#1 Tetrachloro-m-xylene

R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 318688819
Conc: 20.15 ng/ml



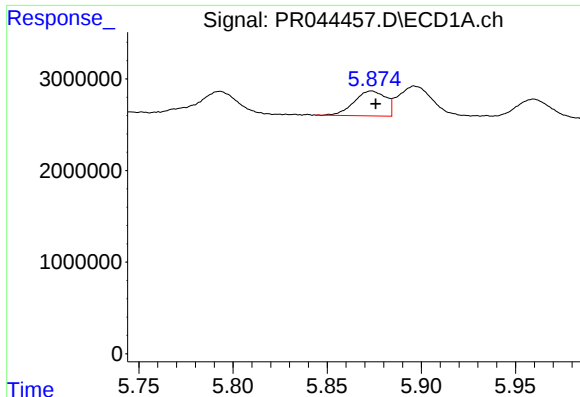
#2 Decachlorobiphenyl

R.T.: 10.591 min
Delta R.T.: -0.004 min
Response: 156529289
Conc: 20.49 ng/ml



#2 Decachlorobiphenyl

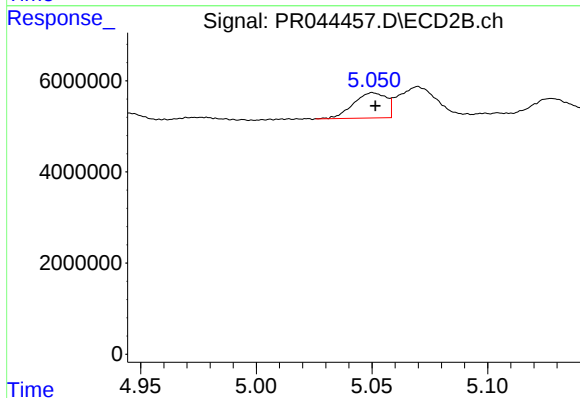
R.T.: 9.040 min
Delta R.T.: 0.000 min
Response: 273307026
Conc: 19.21 ng/ml



#3 AR-1016-1

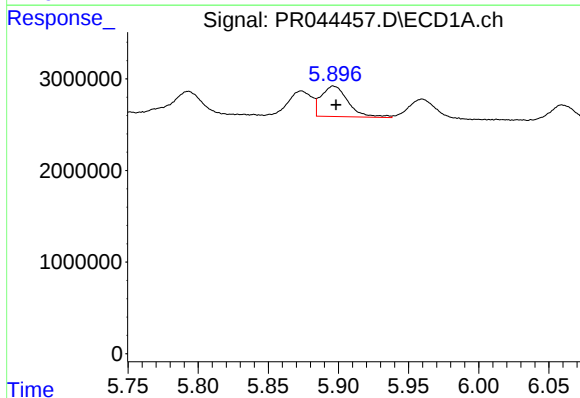
R.T.: 5.874 min
Delta R.T.: -0.002 min
Response: 3162416
Conc: 11.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



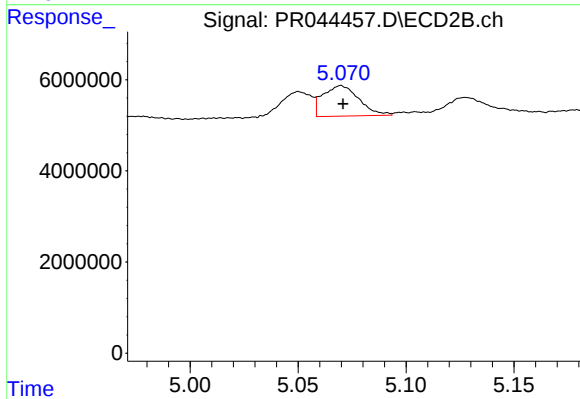
#3 AR-1016-1

R.T.: 5.051 min
Delta R.T.: -0.001 min
Response: 5463779
Conc: 12.11 ng/ml



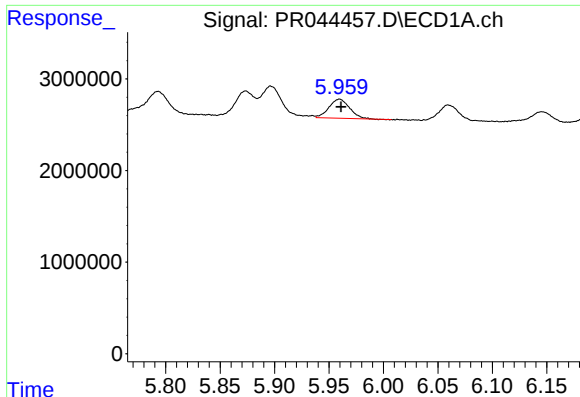
#4 AR-1016-2

R.T.: 5.897 min
Delta R.T.: -0.002 min
Response: 4427756
Conc: 11.51 ng/ml



#4 AR-1016-2

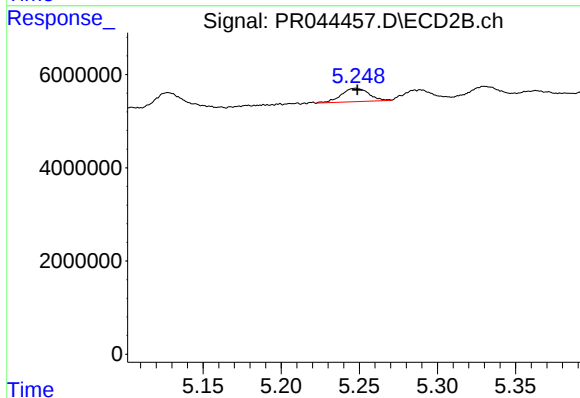
R.T.: 5.070 min
Delta R.T.: 0.000 min
Response: 7772032
Conc: 12.60 ng/ml



#5 AR-1016-3

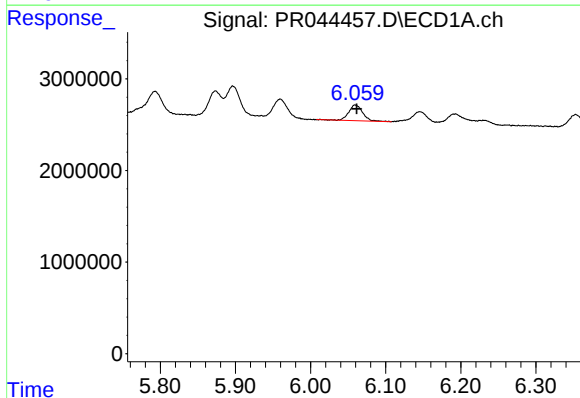
R.T.: 5.960 min
Delta R.T.: -0.002 min
Response: 2714641
Conc: 11.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



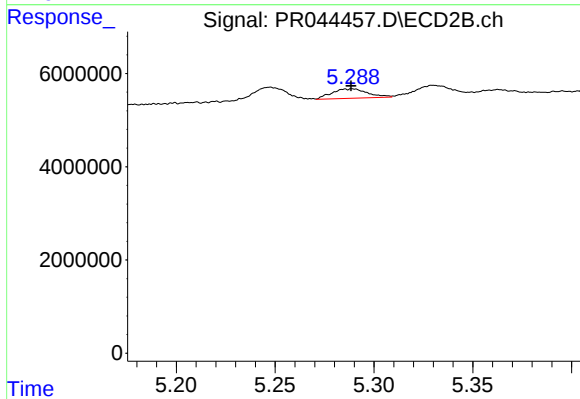
#5 AR-1016-3

R.T.: 5.247 min
Delta R.T.: -0.001 min
Response: 3519020
Conc: 11.58 ng/ml



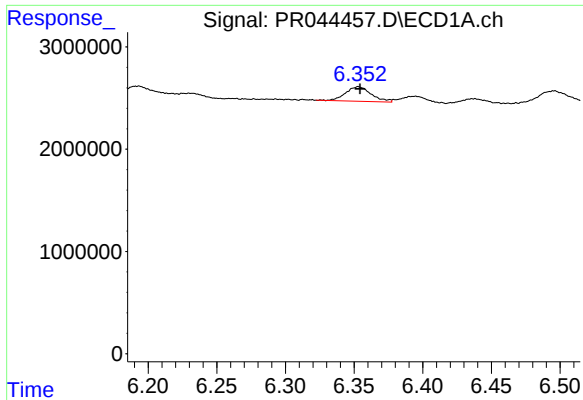
#6 AR-1016-4

R.T.: 6.059 min
Delta R.T.: -0.002 min
Response: 2206473
Conc: 11.62 ng/ml



#6 AR-1016-4

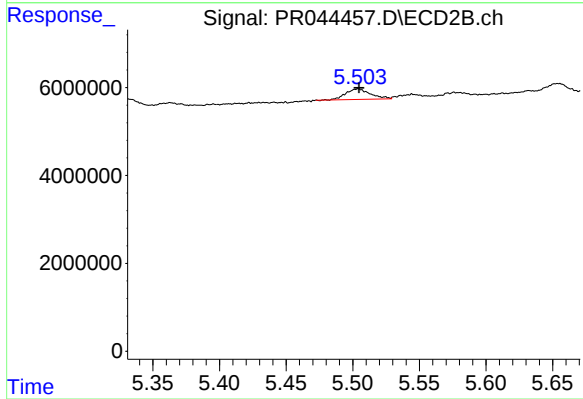
R.T.: 5.289 min
Delta R.T.: 0.000 min
Response: 2553352
Conc: 11.12 ng/ml



#7 AR-1016-5

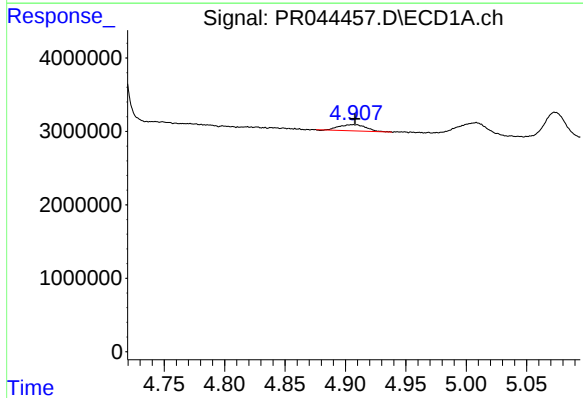
R.T.: 6.353 min
Delta R.T.: -0.001 min
Response: 1849123
Conc: 9.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



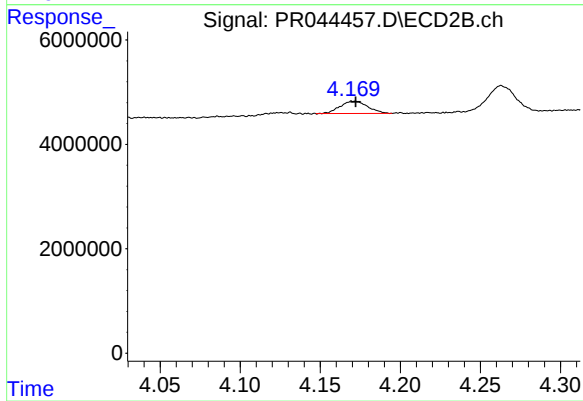
#7 AR-1016-5

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 3098754
Conc: 9.85 ng/ml



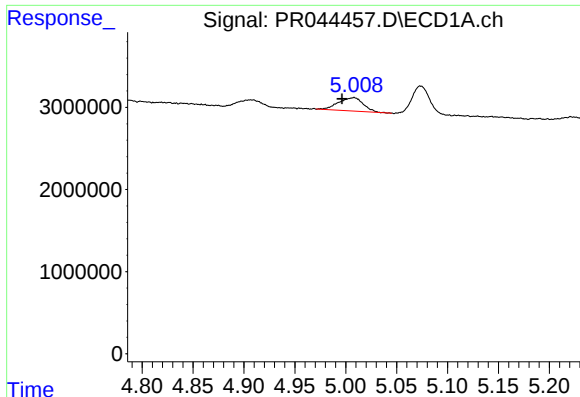
#8 AR-1221-1

R.T.: 4.907 min
Delta R.T.: 0.000 min
Response: 1290507
Conc: 17.55 ng/ml



#8 AR-1221-1

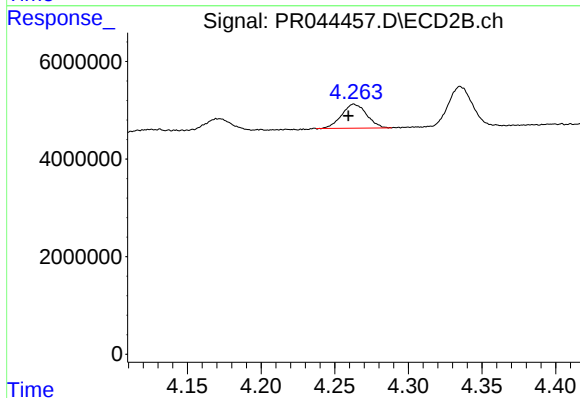
R.T.: 4.171 min
Delta R.T.: 0.000 min
Response: 2852802
Conc: 17.13 ng/ml



#9 AR-1221-2

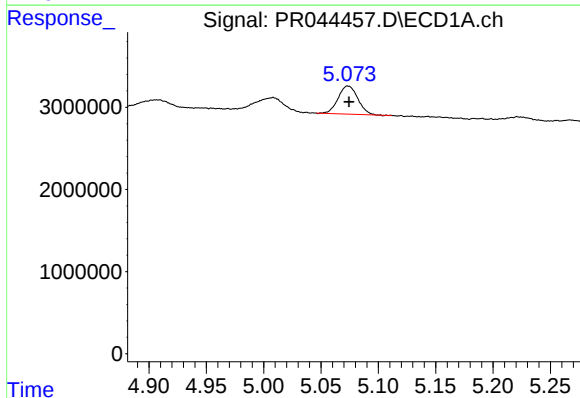
R.T.: 5.008 min
Delta R.T.: 0.012 min
Response: 2699058
Conc: 49.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



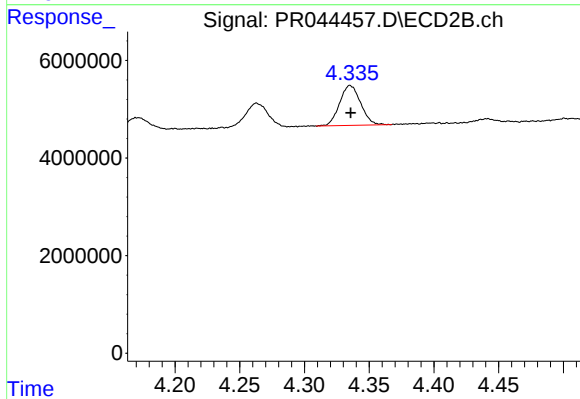
#9 AR-1221-2

R.T.: 4.263 min
Delta R.T.: 0.004 min
Response: 5792368
Conc: 46.98 ng/ml



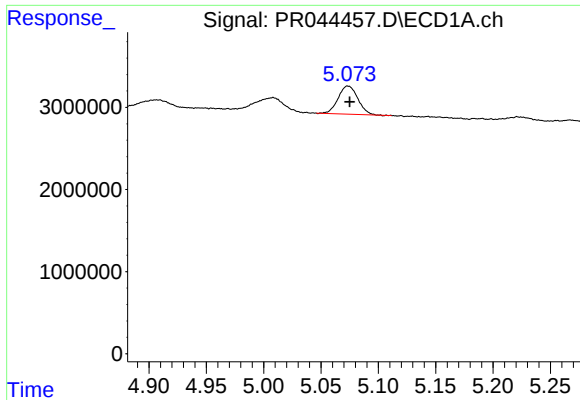
#10 AR-1221-3

R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 4059044
Conc: 22.88 ng/ml



#10 AR-1221-3

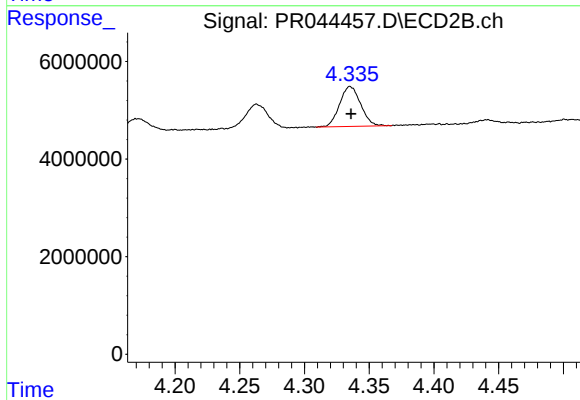
R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 9247639
Conc: 24.00 ng/ml



#11 AR-1232-1

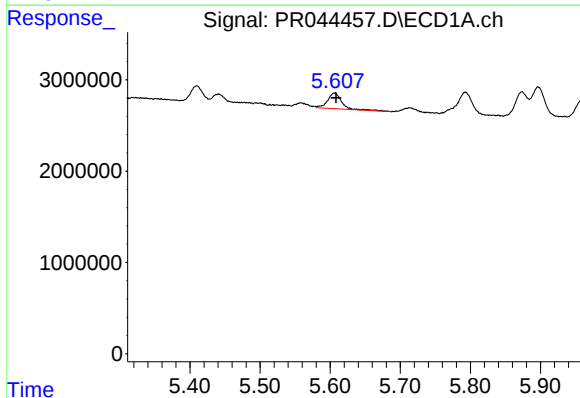
R.T.: 5.074 min
Delta R.T.: -0.002 min
Response: 4059044
Conc: 28.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



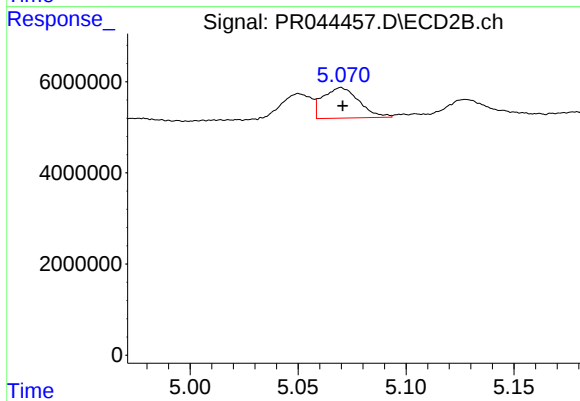
#11 AR-1232-1

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 9247639
Conc: 30.32 ng/ml



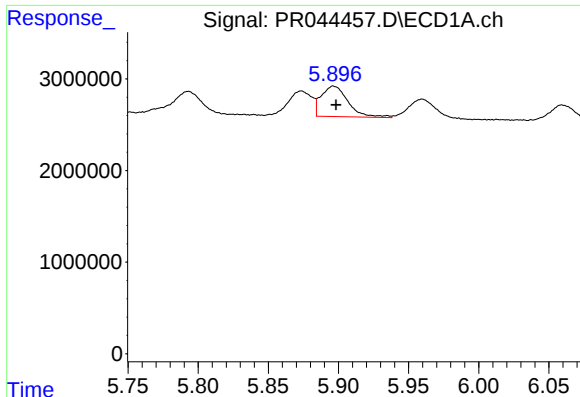
#12 AR-1232-2

R.T.: 5.607 min
Delta R.T.: -0.002 min
Response: 2411467
Conc: 32.70 ng/ml



#12 AR-1232-2

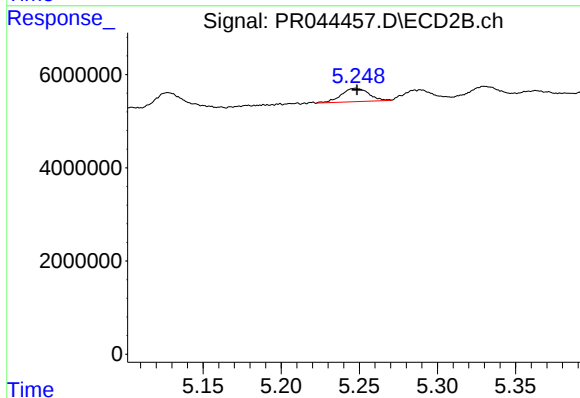
R.T.: 5.070 min
Delta R.T.: 0.000 min
Response: 7772032
Conc: 31.52 ng/ml



#13 AR-1232-3

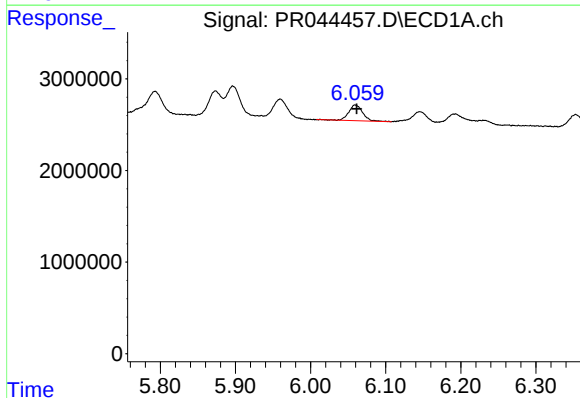
R.T.: 5.897 min
Delta R.T.: -0.002 min
Response: 4427756
Conc: 29.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



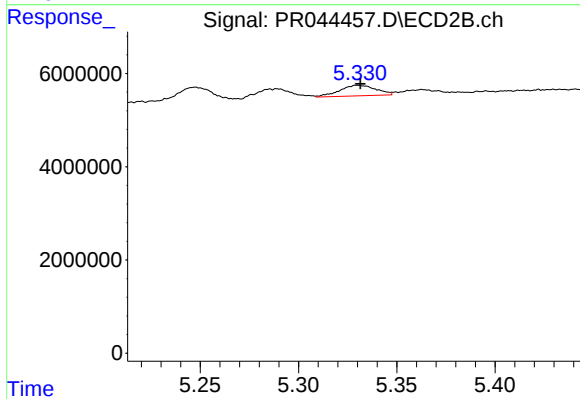
#13 AR-1232-3

R.T.: 5.247 min
Delta R.T.: -0.001 min
Response: 3519020
Conc: 29.18 ng/ml



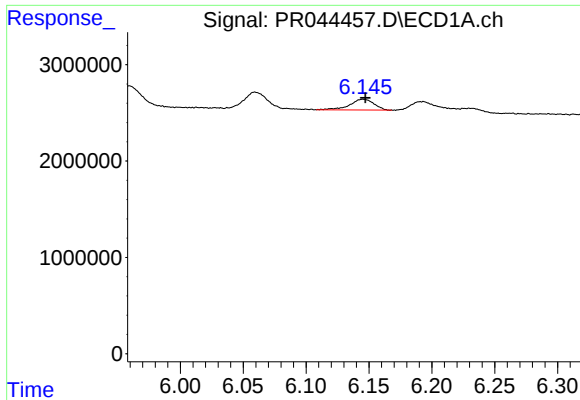
#14 AR-1232-4

R.T.: 6.059 min
Delta R.T.: -0.002 min
Response: 2206473
Conc: 29.67 ng/ml



#14 AR-1232-4

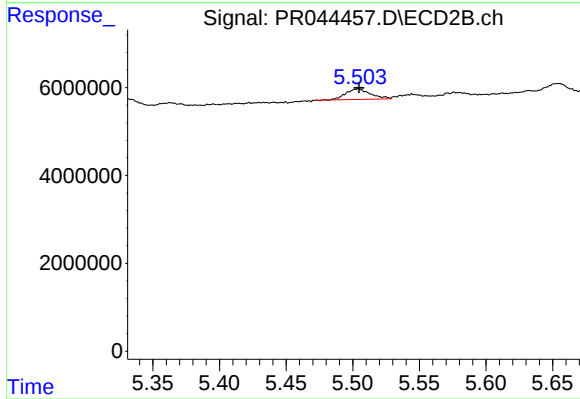
R.T.: 5.330 min
Delta R.T.: 0.000 min
Response: 2927124
Conc: 29.91 ng/ml



#15 AR-1232-5

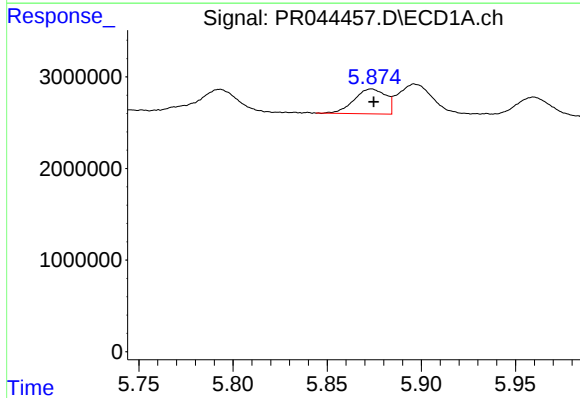
R.T.: 6.146 min
Delta R.T.: -0.002 min
Response: 1501083
Conc: 27.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



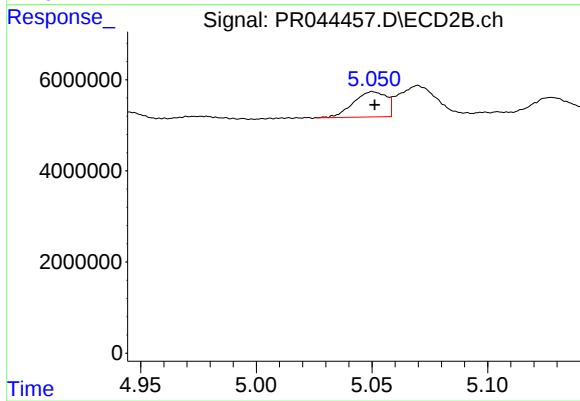
#15 AR-1232-5

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 3098754
Conc: 27.58 ng/ml



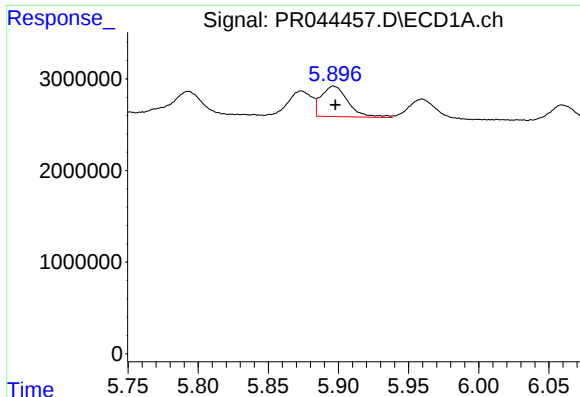
#16 AR-1242-1

R.T.: 5.874 min
Delta R.T.: -0.001 min
Response: 3162416
Conc: 16.45 ng/ml



#16 AR-1242-1

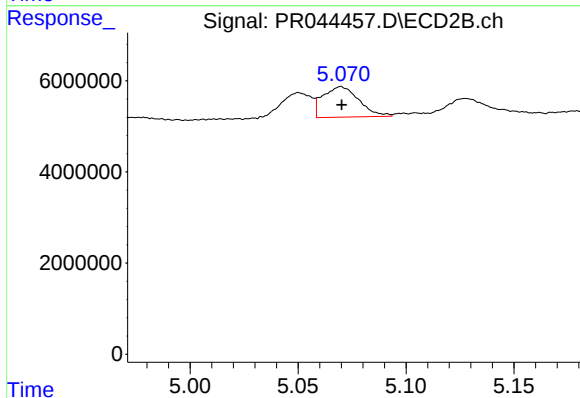
R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 5463779
Conc: 17.53 ng/ml



#17 AR-1242-2

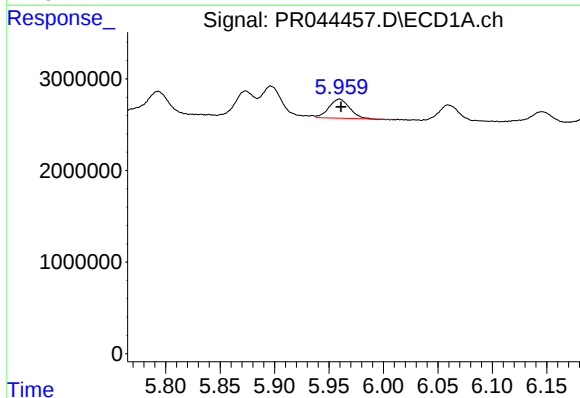
R.T.: 5.897 min
Delta R.T.: -0.001 min
Response: 4427756
Conc: 16.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



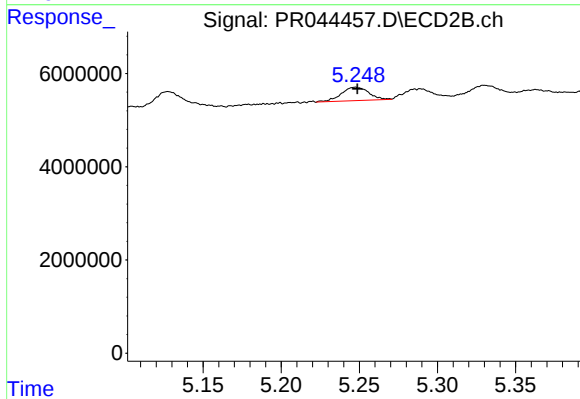
#17 AR-1242-2

R.T.: 5.070 min
Delta R.T.: 0.000 min
Response: 7772032
Conc: 18.19 ng/ml



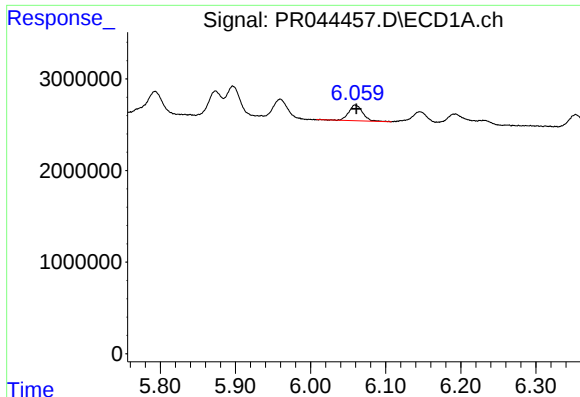
#18 AR-1242-3

R.T.: 5.960 min
Delta R.T.: -0.001 min
Response: 2714641
Conc: 16.74 ng/ml



#18 AR-1242-3

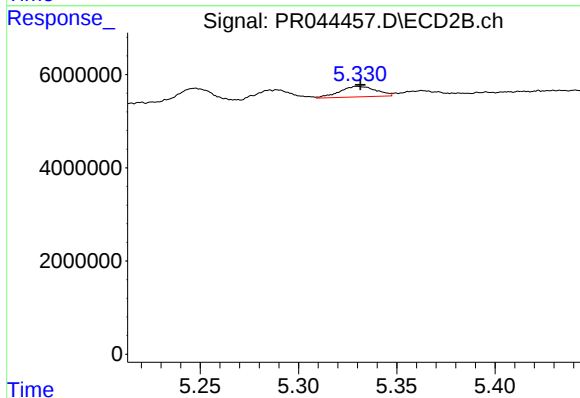
R.T.: 5.247 min
Delta R.T.: -0.001 min
Response: 3519020
Conc: 16.56 ng/ml



#19 AR-1242-4

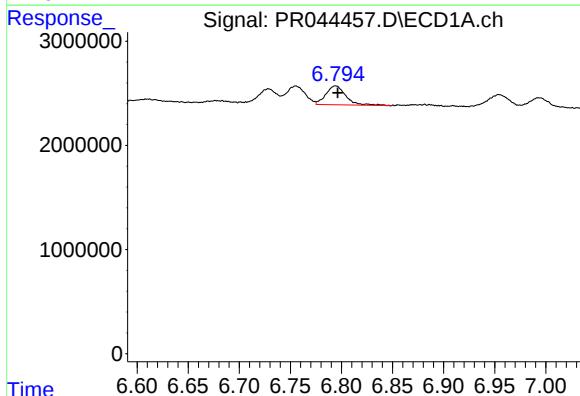
R.T.: 6.059 min
Delta R.T.: -0.002 min
Response: 2206473
Conc: 16.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



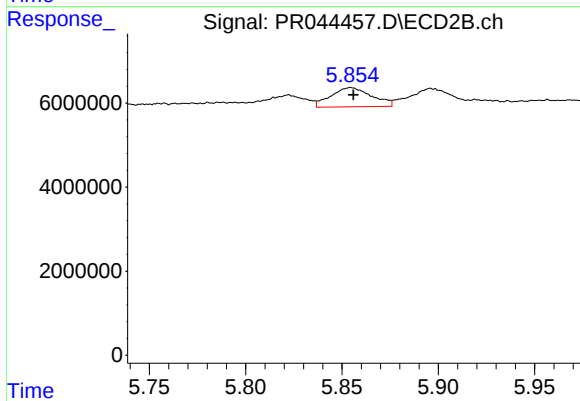
#19 AR-1242-4

R.T.: 5.330 min
Delta R.T.: -0.001 min
Response: 2927124
Conc: 15.19 ng/ml



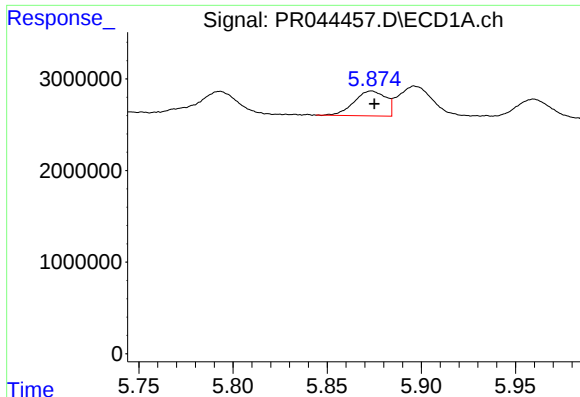
#20 AR-1242-5

R.T.: 6.794 min
Delta R.T.: -0.002 min
Response: 2471134
Conc: 16.19 ng/ml



#20 AR-1242-5

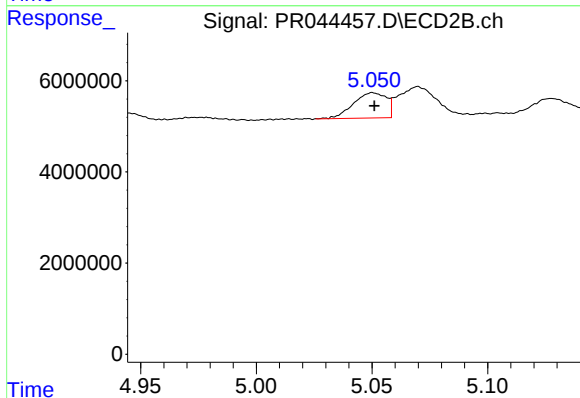
R.T.: 5.855 min
Delta R.T.: -0.001 min
Response: 6732800
Conc: 21.81 ng/ml



#21 AR-1248-1

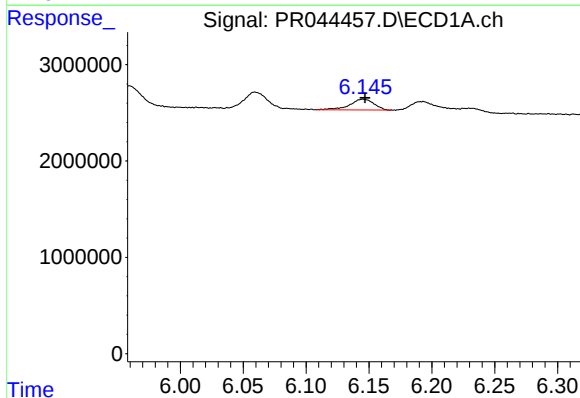
R.T.: 5.874 min
Delta R.T.: -0.002 min
Response: 3162416
Conc: 20.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



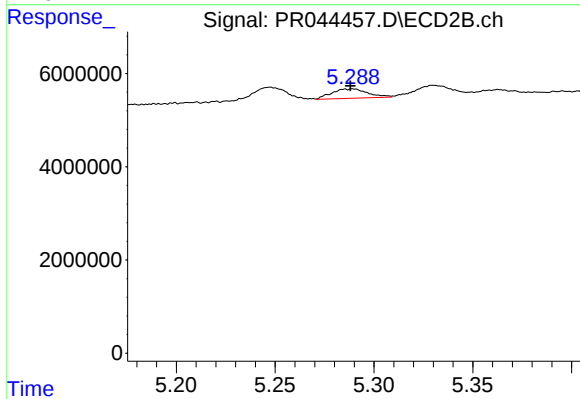
#21 AR-1248-1

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 5463779
Conc: 21.66 ng/ml



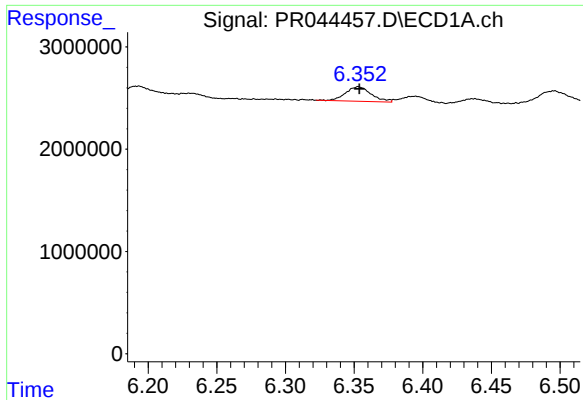
#22 AR-1248-2

R.T.: 6.146 min
Delta R.T.: -0.001 min
Response: 1501083
Conc: 7.36 ng/ml



#22 AR-1248-2

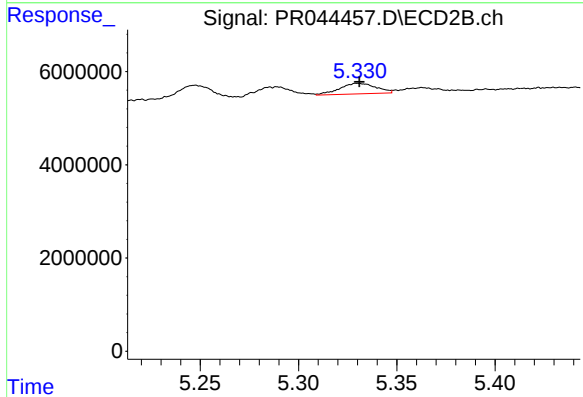
R.T.: 5.289 min
Delta R.T.: 0.000 min
Response: 2553352
Conc: 9.32 ng/ml



#23 AR-1248-3

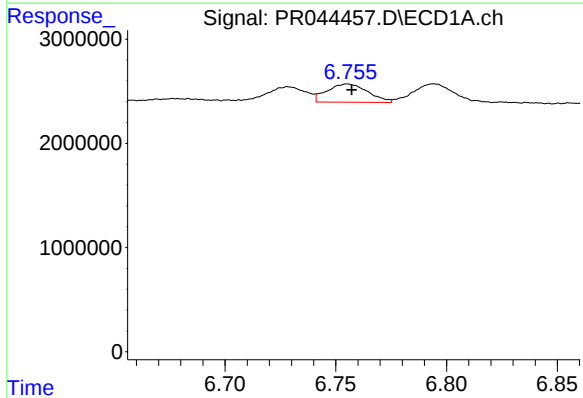
R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 1849123
Conc: 8.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



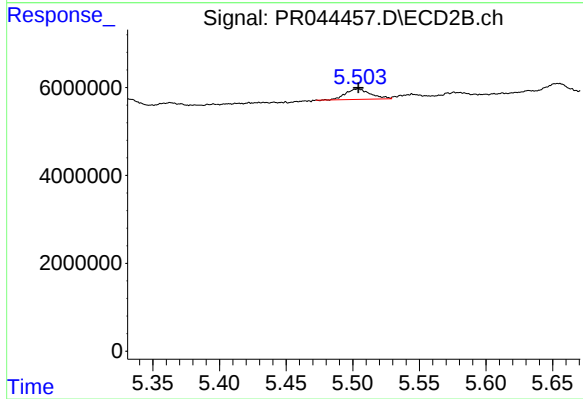
#23 AR-1248-3

R.T.: 5.330 min
Delta R.T.: 0.000 min
Response: 2927124
Conc: 10.44 ng/ml



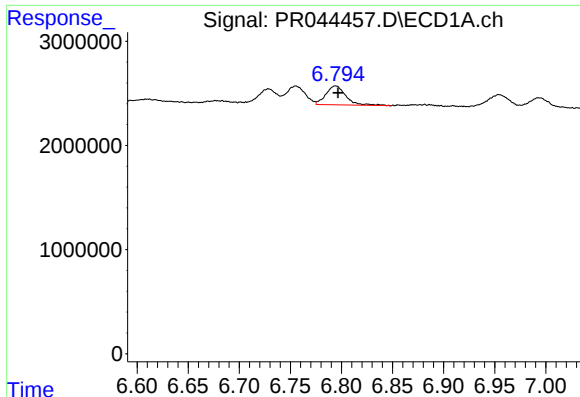
#24 AR-1248-4

R.T.: 6.755 min
Delta R.T.: -0.002 min
Response: 2243348
Conc: 8.29 ng/ml



#24 AR-1248-4

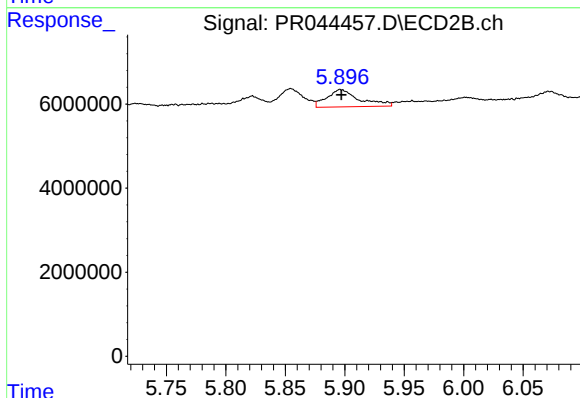
R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 3098754
Conc: 8.58 ng/ml



#25 AR-1248-5

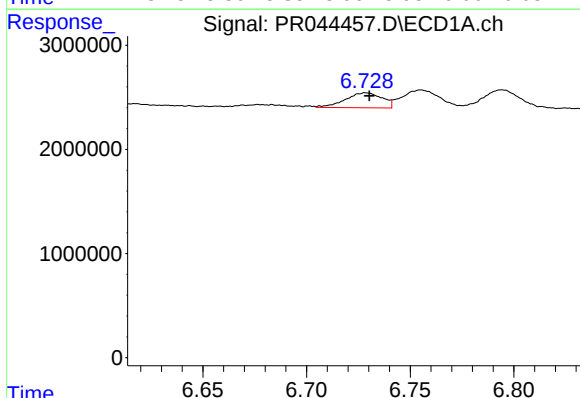
R.T.: 6.794 min
Delta R.T.: -0.002 min
Response: 2471134
Conc: 9.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



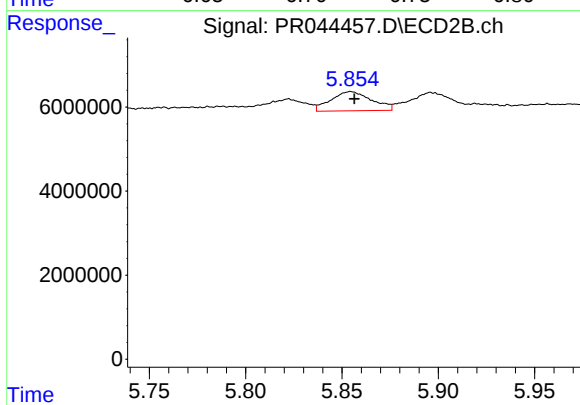
#25 AR-1248-5

R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 7828309
Conc: 18.67 ng/ml



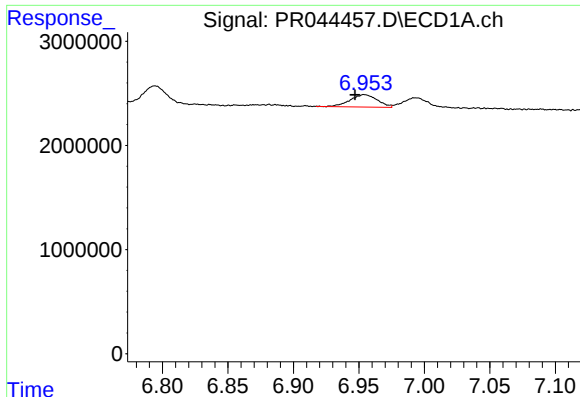
#26 AR-1254-1

R.T.: 6.729 min
Delta R.T.: -0.002 min
Response: 1758890
Conc: 6.71 ng/ml



#26 AR-1254-1

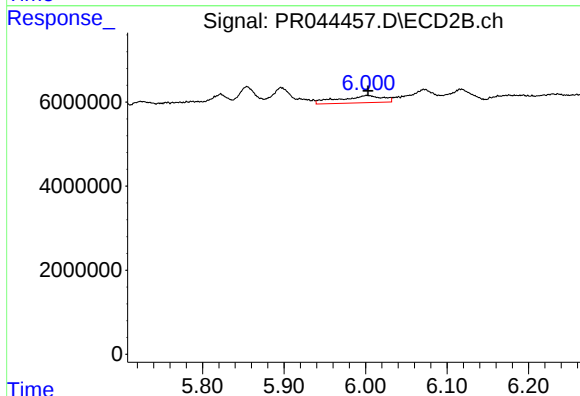
R.T.: 5.855 min
Delta R.T.: -0.002 min
Response: 6732800
Conc: 10.85 ng/ml



#27 AR-1254-2

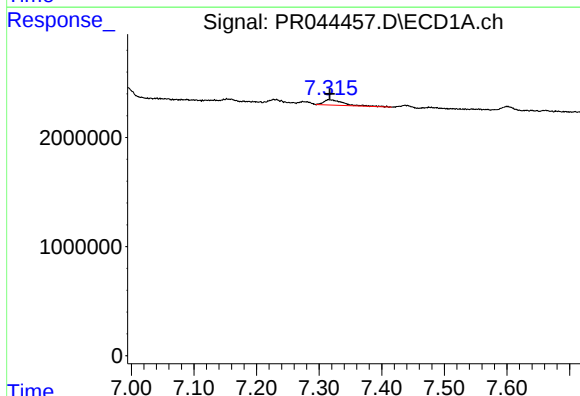
R.T.: 6.954 min
Delta R.T.: 0.007 min
Response: 1719586
Conc: 4.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



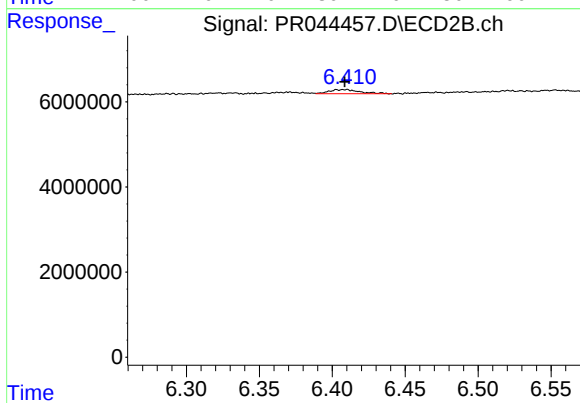
#27 AR-1254-2

R.T.: 6.002 min
Delta R.T.: -0.001 min
Response: 6332674
Conc: 11.39 ng/ml



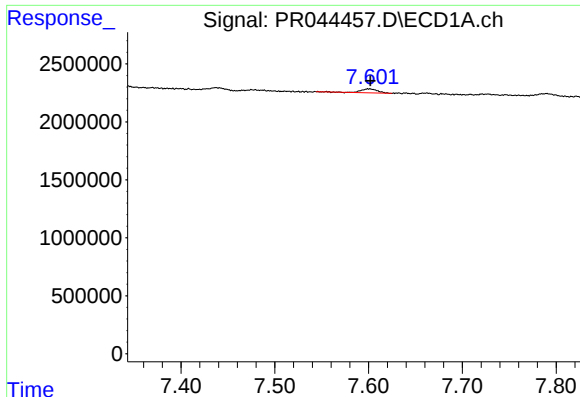
#28 AR-1254-3

R.T.: 7.316 min
Delta R.T.: -0.001 min
Response: 1103452
Conc: 2.51 ng/ml



#28 AR-1254-3

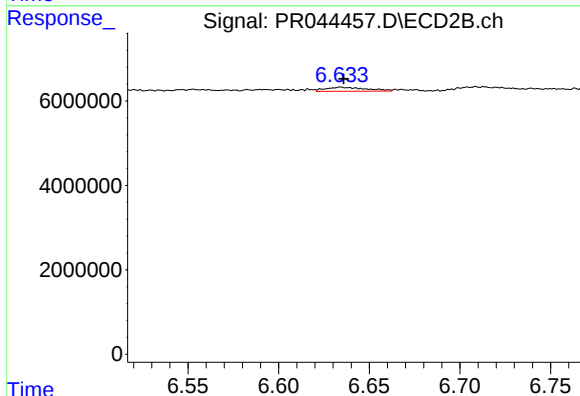
R.T.: 6.409 min
Delta R.T.: 0.000 min
Response: 1427439
Conc: 1.51 ng/ml



#29 AR-1254-4

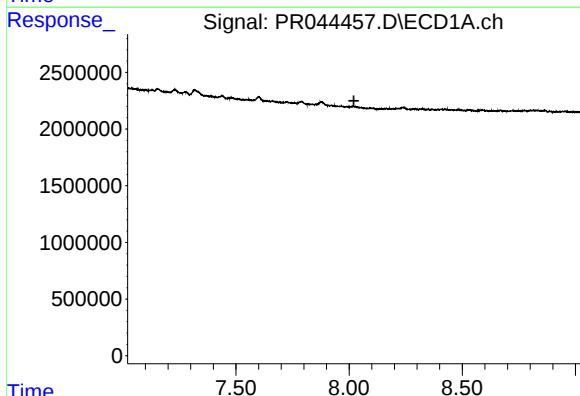
R.T.: 7.600 min
Delta R.T.: -0.002 min
Response: 427545
Conc: 1.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



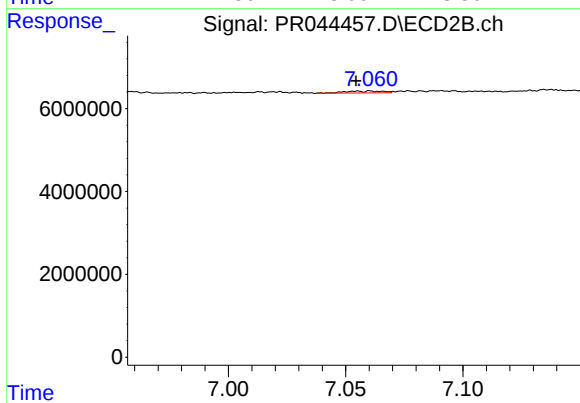
#29 AR-1254-4

R.T.: 6.634 min
Delta R.T.: -0.001 min
Response: 1499266
Conc: 2.08 ng/ml



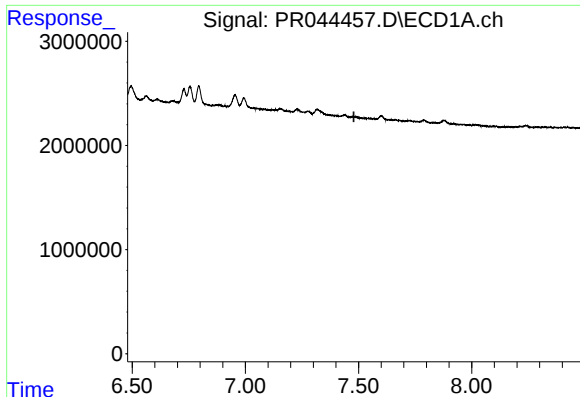
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 8.021 min
Response: 0
Conc: N.D.



#30 AR-1254-5

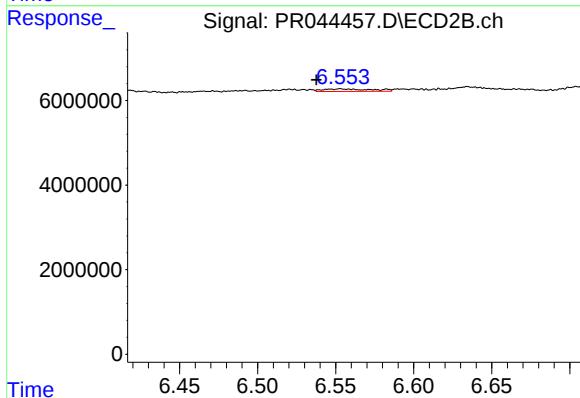
R.T.: 7.061 min
Delta R.T.: 0.006 min
Response: 506554
Conc: 0.59 ng/ml



#31 AR-1260-1

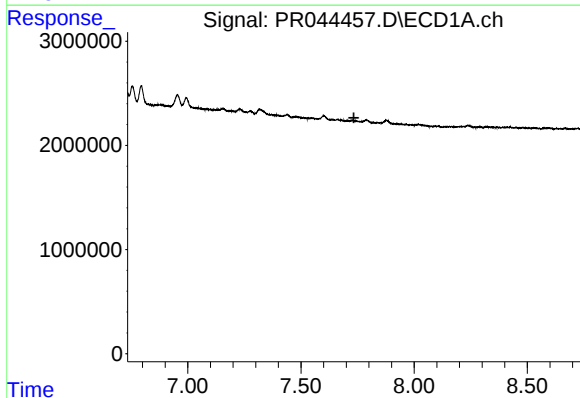
R.T.: 0.000 min
Exp R.T.: 7.480 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



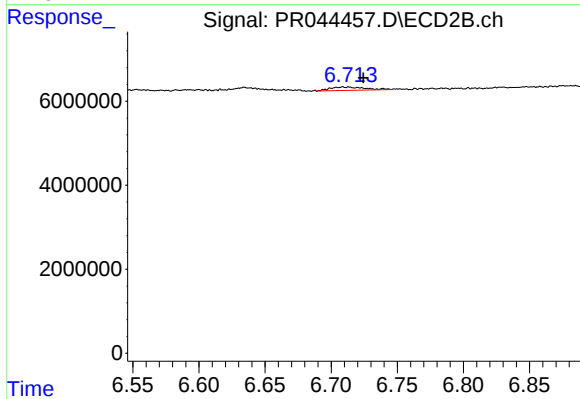
#31 AR-1260-1

R.T.: 6.553 min
Delta R.T.: 0.015 min
Response: 1311744
Conc: 1.92 ng/ml



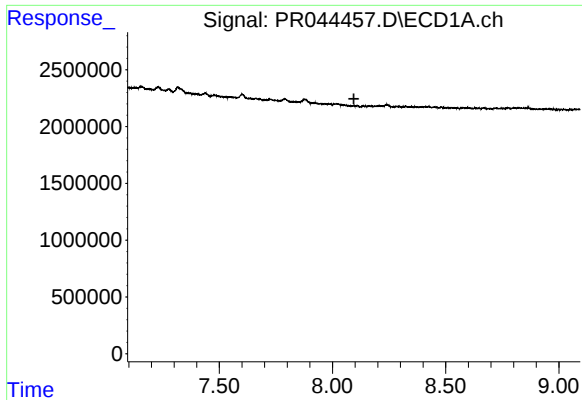
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 7.734 min
Response: 0
Conc: N.D.



#32 AR-1260-2

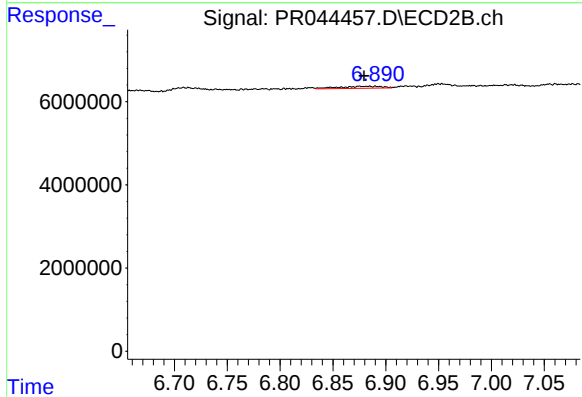
R.T.: 6.709 min
Delta R.T.: -0.015 min
Response: 1503629
Conc: 1.51 ng/ml



#33 AR-1260-3

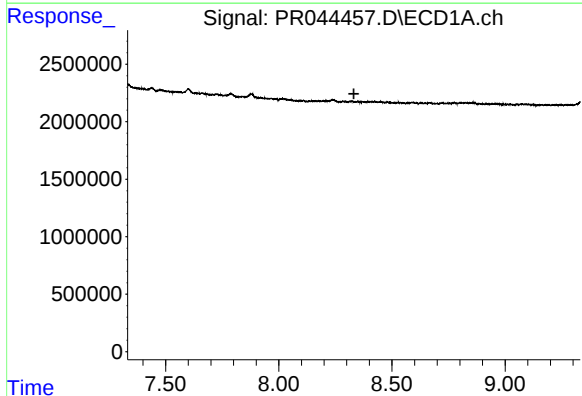
R.T.: 0.000 min
Exp R.T.: 8.094 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



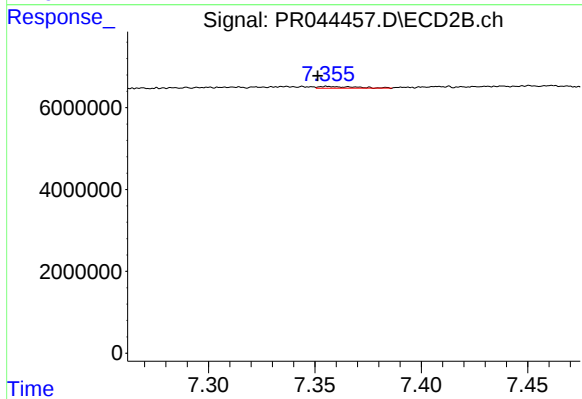
#33 AR-1260-3

R.T.: 6.875 min
Delta R.T.: -0.004 min
Response: 1399407
Conc: 1.73 ng/ml



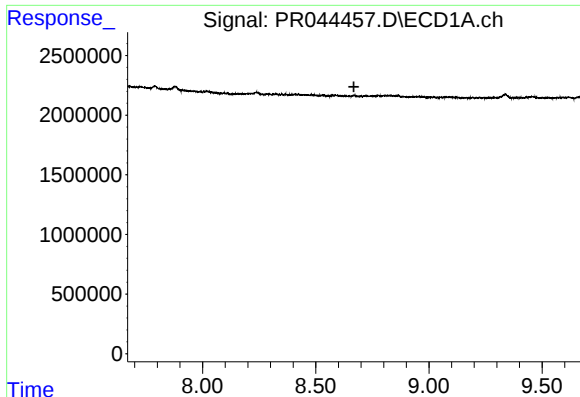
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 8.332 min
Response: 0
Conc: N.D.



#34 AR-1260-4

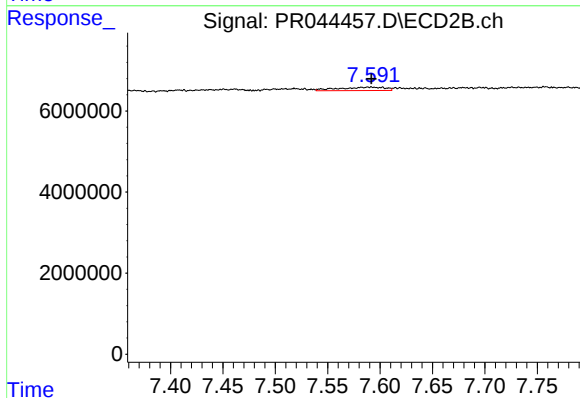
R.T.: 7.356 min
Delta R.T.: 0.005 min
Response: 511333
Conc: 0.71 ng/ml



#35 AR-1260-5

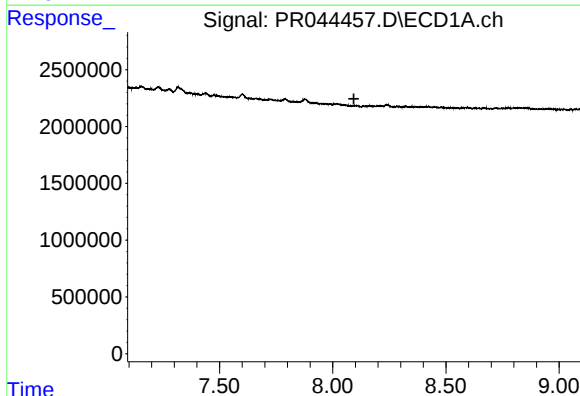
R.T.: 0.000 min
Exp R.T.: 8.669 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



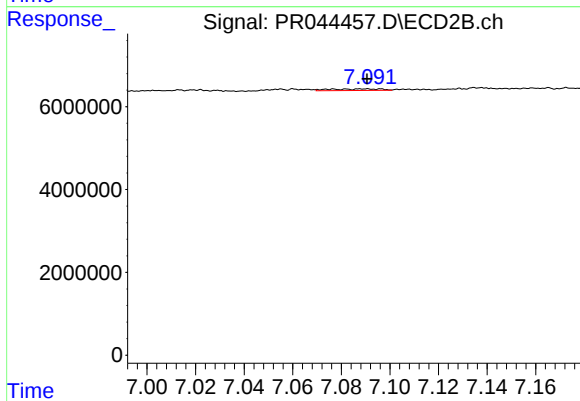
#35 AR-1260-5

R.T.: 7.592 min
Delta R.T.: 0.000 min
Response: 2552772
Conc: 1.18 ng/ml



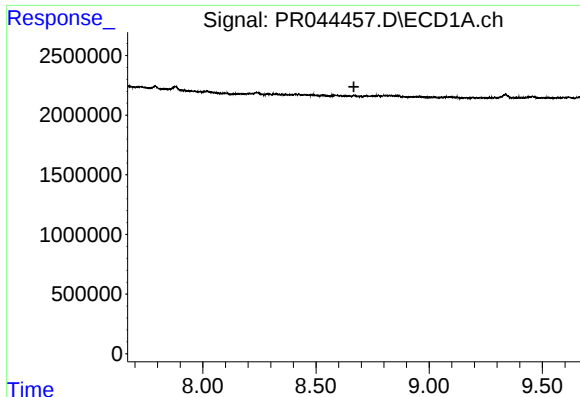
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 8.094 min
Response: 0
Conc: N.D.



#36 AR-1262-1

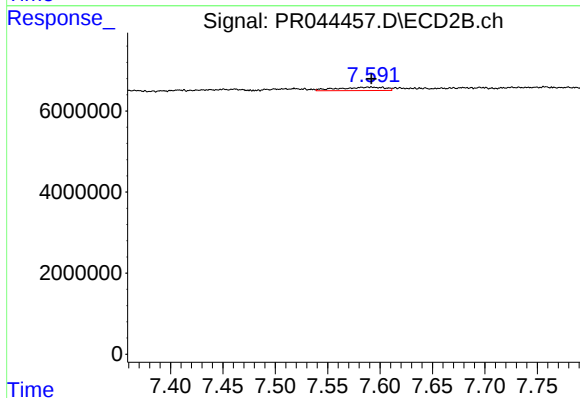
R.T.: 7.082 min
Delta R.T.: -0.008 min
Response: 550178
Conc: 0.46 ng/ml



#37 AR-1262-2

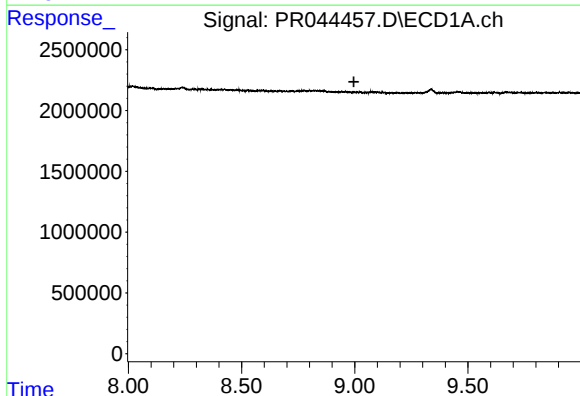
R.T.: 0.000 min
Exp R.T. : 8.668 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



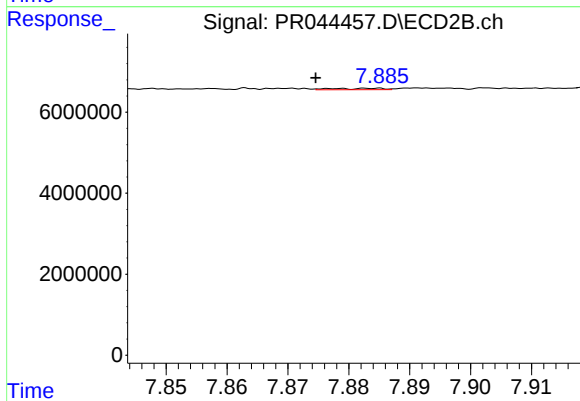
#37 AR-1262-2

R.T.: 7.592 min
Delta R.T.: 0.000 min
Response: 2552772
Conc: 1.15 ng/ml



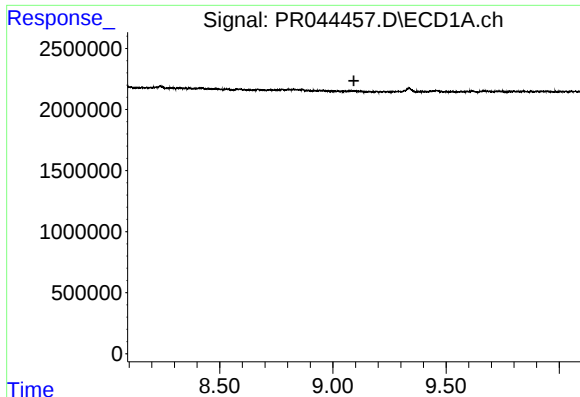
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.996 min
Response: 0
Conc: N.D.



#38 AR-1262-3

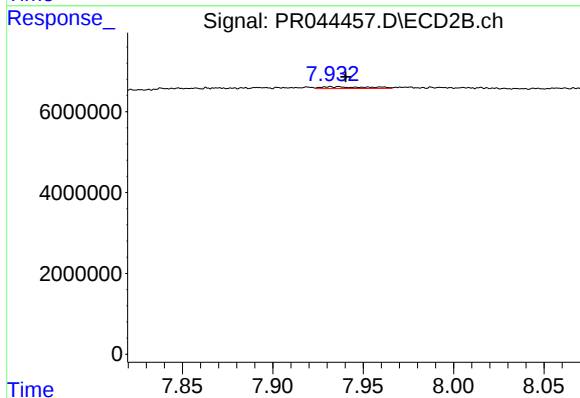
R.T.: 7.878 min
Delta R.T.: 0.003 min
Response: 193175
Conc: 0.22 ng/ml



#39 AR-1262-4

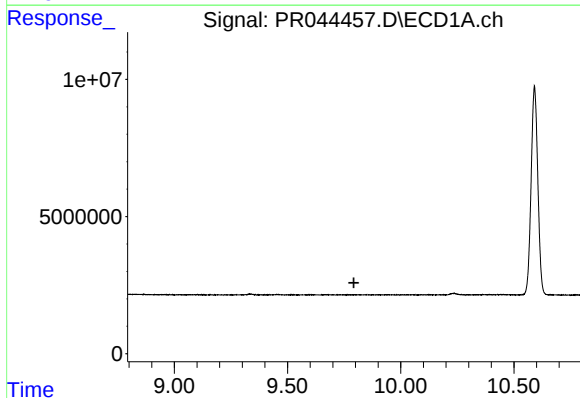
R.T.: 0.000 min
Exp R.T.: 9.093 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



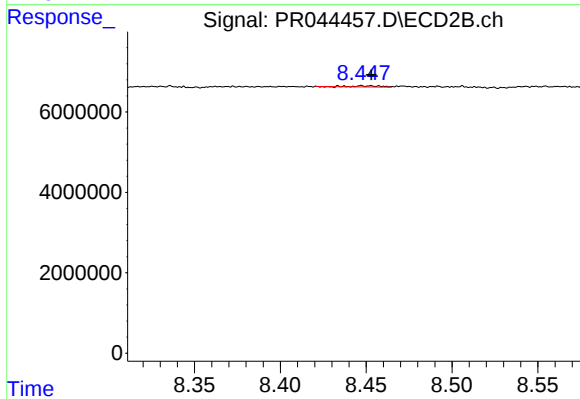
#39 AR-1262-4

R.T.: 7.932 min
Delta R.T.: -0.009 min
Response: 802938
Conc: 0.55 ng/ml



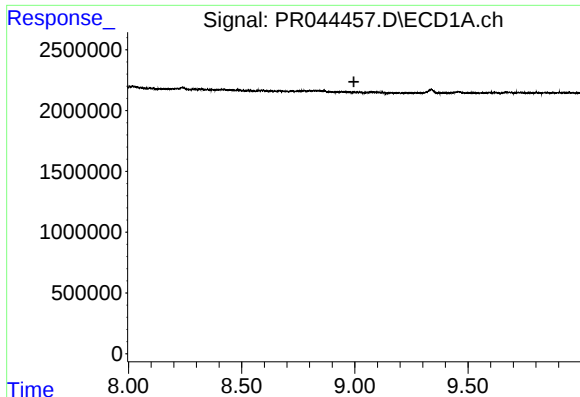
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.793 min
Response: 0
Conc: N.D.



#40 AR-1262-5

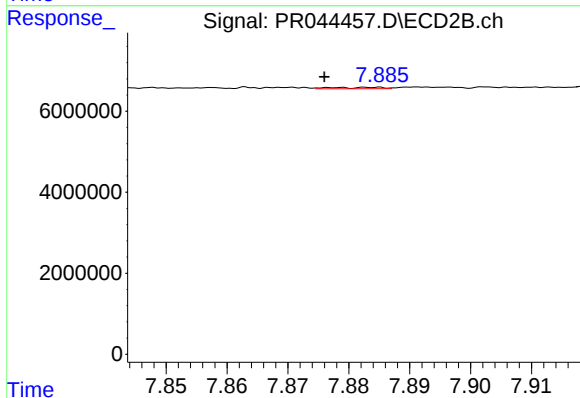
R.T.: 8.447 min
Delta R.T.: -0.006 min
Response: 330647
Conc: 0.48 ng/ml



#41 AR-1268-1

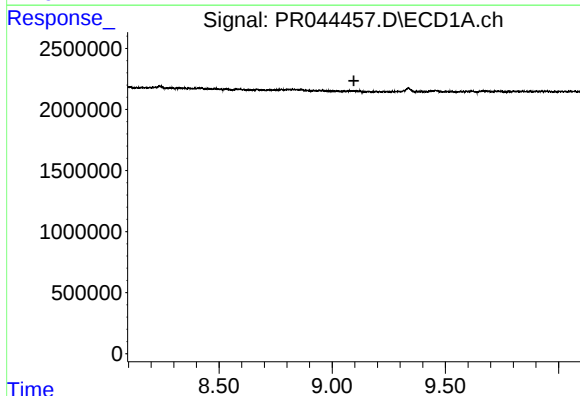
R.T.: 0.000 min
Exp R.T.: 8.996 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



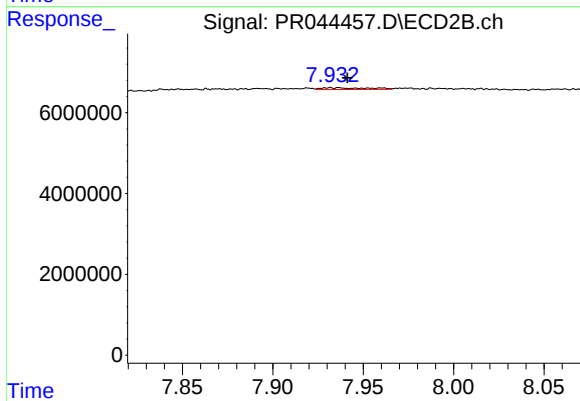
#41 AR-1268-1

R.T.: 7.878 min
Delta R.T.: 0.002 min
Response: 193175
Conc: 0.07 ng/ml



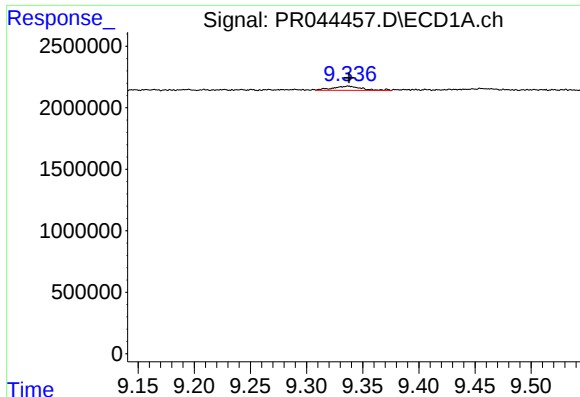
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 9.096 min
Response: 0
Conc: N.D.



#42 AR-1268-2

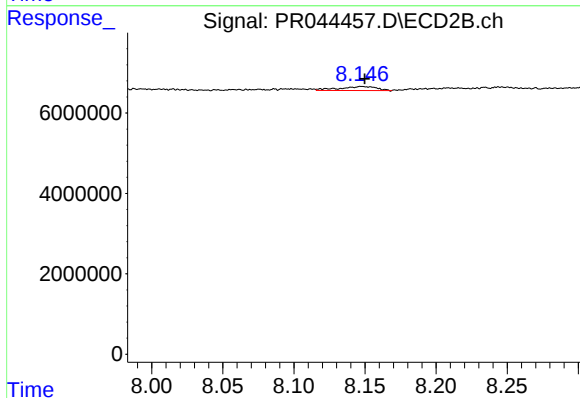
R.T.: 7.932 min
Delta R.T.: -0.010 min
Response: 802938
Conc: 0.35 ng/ml



#43 AR-1268-3

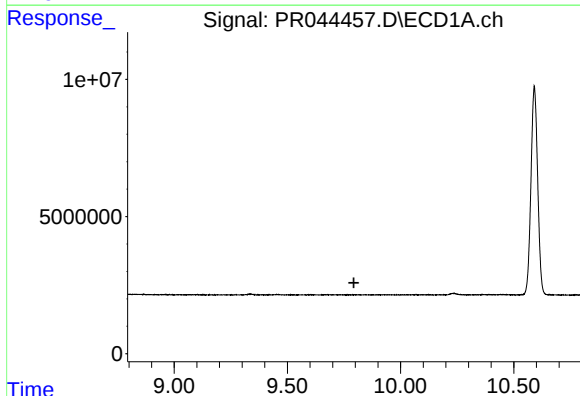
R.T.: 9.337 min
Delta R.T.: 0.000 min
Response: 590989
Conc: 0.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



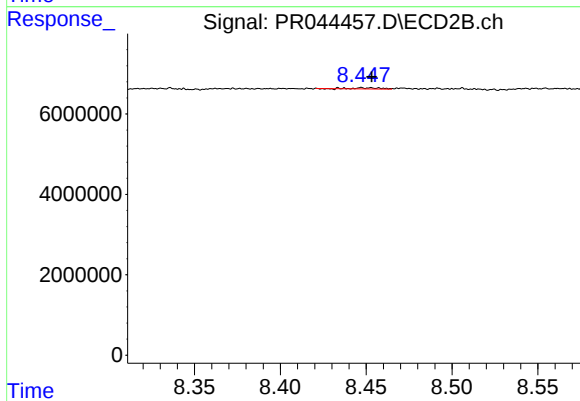
#43 AR-1268-3

R.T.: 8.148 min
Delta R.T.: -0.002 min
Response: 1855578
Conc: 0.95 ng/ml



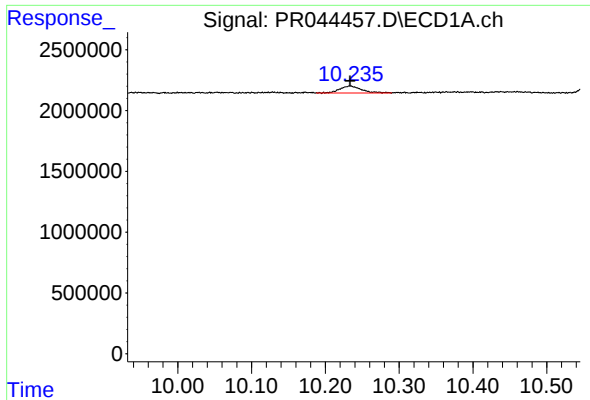
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.794 min
Response: 0
Conc: N.D.



#44 AR-1268-4

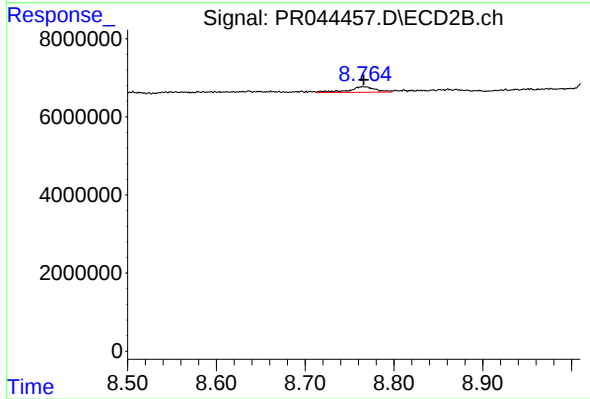
R.T.: 8.447 min
Delta R.T.: -0.006 min
Response: 330647
Conc: 0.42 ng/ml



#45 AR-1268-5

R.T.: 10.234 min
Delta R.T.: 0.000 min
Response: 1174564
Conc: 0.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.765 min
Delta R.T.: 0.000 min
Response: 3004200
Conc: 0.54 ng/ml