

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR012120\
 Data File : PR044458.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jan 2020 13:36
 Operator : DD\AJ
 Sample : L1161-09
 Misc : AR1242 MDL 25 PPB
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 22 01:19:04 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	132.4E6	271.3E6	17.864	17.157
2)	SA Decachlor...	10.592	9.038	136.7E6	238.9E6	17.901	16.788
Target Compounds							
3)	L1 AR-1016-1	5.874	5.051	5571408	9791458	20.486	21.704
4)	L1 AR-1016-2	5.897	5.070	7837925	13038628	20.375	21.140
5)	L1 AR-1016-3	5.960	5.248	4599759	5801213	20.270	19.089
6)	L1 AR-1016-4	6.060	5.288	3869002	5126239	20.367	22.331
7)	L1 AR-1016-5	6.353	5.503	3785716	7140430	20.451	22.706
8)	L2 AR-1221-1	0.000	4.171	0	817806	N.D.	4.911 #
9)	L2 AR-1221-2	5.008	4.264	1849523	4437398	33.758	35.990
10)	L2 AR-1221-3	5.074	4.336	2648829	5933843	14.932	15.397
11)	L3 AR-1232-1	5.074	4.336	2648829	5933843	18.891	19.458
12)	L3 AR-1232-2	5.607	5.070	4148045	13038628	56.249	52.886
13)	L3 AR-1232-3	5.897	5.248	7837925	5801213	52.209	48.107
14)	L3 AR-1232-4	6.060	5.331	3869002	6309475	52.021	64.461
15)	L3 AR-1232-5	6.146	5.503	3516518	7140430	63.607	63.562
16)	L4 AR-1242-1	5.874	5.051	5571408	9791458	28.978	31.409
17)	L4 AR-1242-2	5.897	5.070	7837925	13038628	28.816	30.516
18)	L4 AR-1242-3	5.960	5.248	4599759	5801213	28.367	27.298
19)	L4 AR-1242-4	6.060	5.331	3869002	6309475	28.527	32.739
20)	L4 AR-1242-5	6.795	5.855	4625592	13086443	30.308	42.398 #
21)	L5 AR-1248-1	5.874	5.051	5571408	9791458	36.736	38.811
22)	L5 AR-1248-2	6.146	5.288	3516518	5126239	17.250	18.711
23)	L5 AR-1248-3	6.353	5.331	3785716	6309475	16.626	22.499 #
24)	L5 AR-1248-4	6.757	5.503	4455110	7140430	16.457	19.760
25)	L5 AR-1248-5	6.795	5.897	4625592	12733059	18.076	30.365 #
26)	L6 AR-1254-1	6.729	5.855	3547239	13086443	13.535	21.086 #
27)	L6 AR-1254-2	6.955	6.002	3861803	8538952	9.491	15.364 #
28)	L6 AR-1254-3	7.317	6.408	2834917	3151243	6.439	3.330 #
29)	L6 AR-1254-4	7.601	6.635	1632003	3631920	4.835	5.041
30)	L6 AR-1254-5	0.000	7.058	0	1225772	N.D.	1.435 #
31)	L7 AR-1260-1	7.439	6.526	602625	2021893	1.806	2.965 #
32)	L7 AR-1260-2	0.000	6.739	0	114239	N.D.	0.114 #
33)	L7 AR-1260-3	0.000	6.884	0	1290549	N.D.	1.591 #
34)	L7 AR-1260-4	0.000	7.356	0	848761	N.D.	1.177 #
35)	L7 AR-1260-5	0.000	7.583	0	2636922	N.D.	1.220 #
36)	L8 AR-1262-1	0.000	7.081	0	928015	N.D.	0.768 #
37)	L8 AR-1262-2	0.000	7.583	0	2636922	N.D.	1.183 #
38)	L8 AR-1262-3	0.000	7.859	0	678423	N.D.	0.767 #
39)	L8 AR-1262-4	0.000	7.944	0	3124294	N.D.	2.126 #
41)	L9 AR-1268-1	0.000	7.859	0	678423	N.D.	0.254 #
42)	L9 AR-1268-2	0.000	7.944	0	3124294	N.D.	1.366 #

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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
43) L9	AR-1268-3	9.338	8.148	478637	1983610	0.579	1.018 #
45) L9	AR-1268-5	10.237	8.766	918811	5510284	0.319	0.983 #

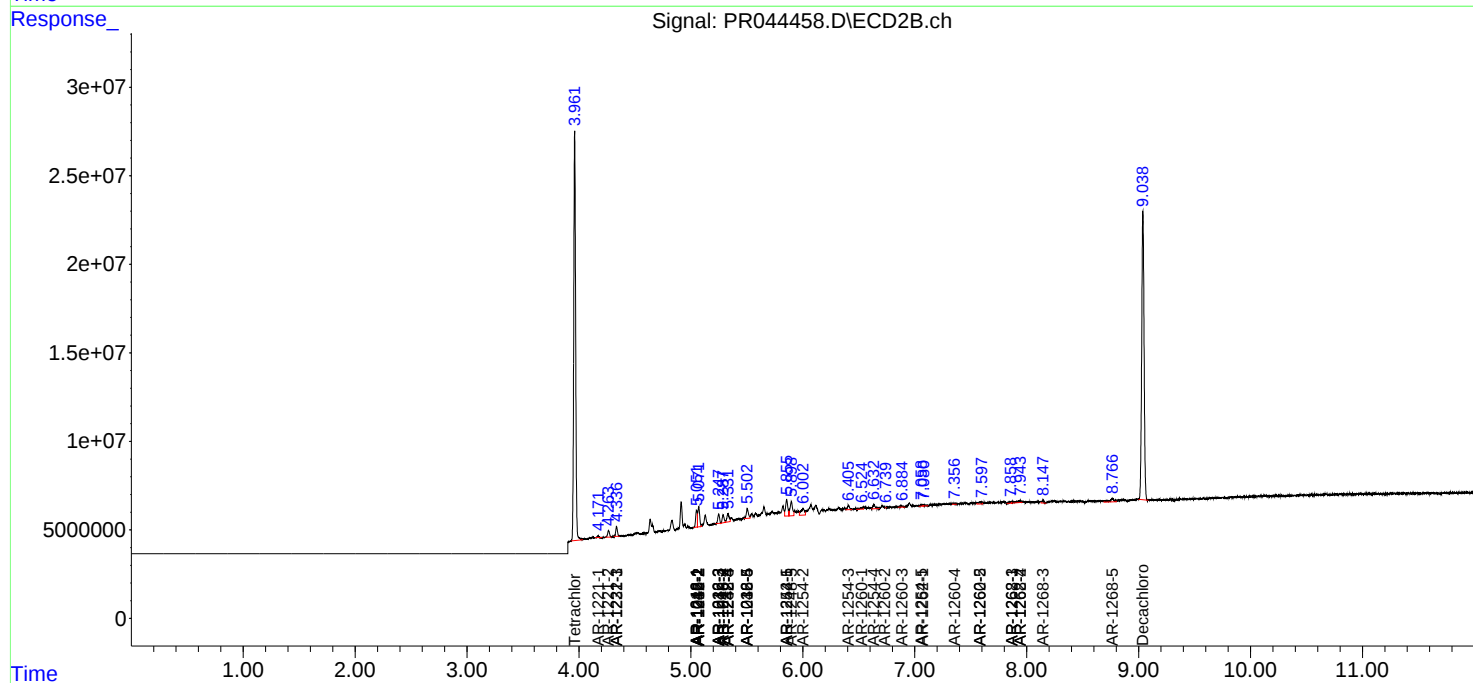
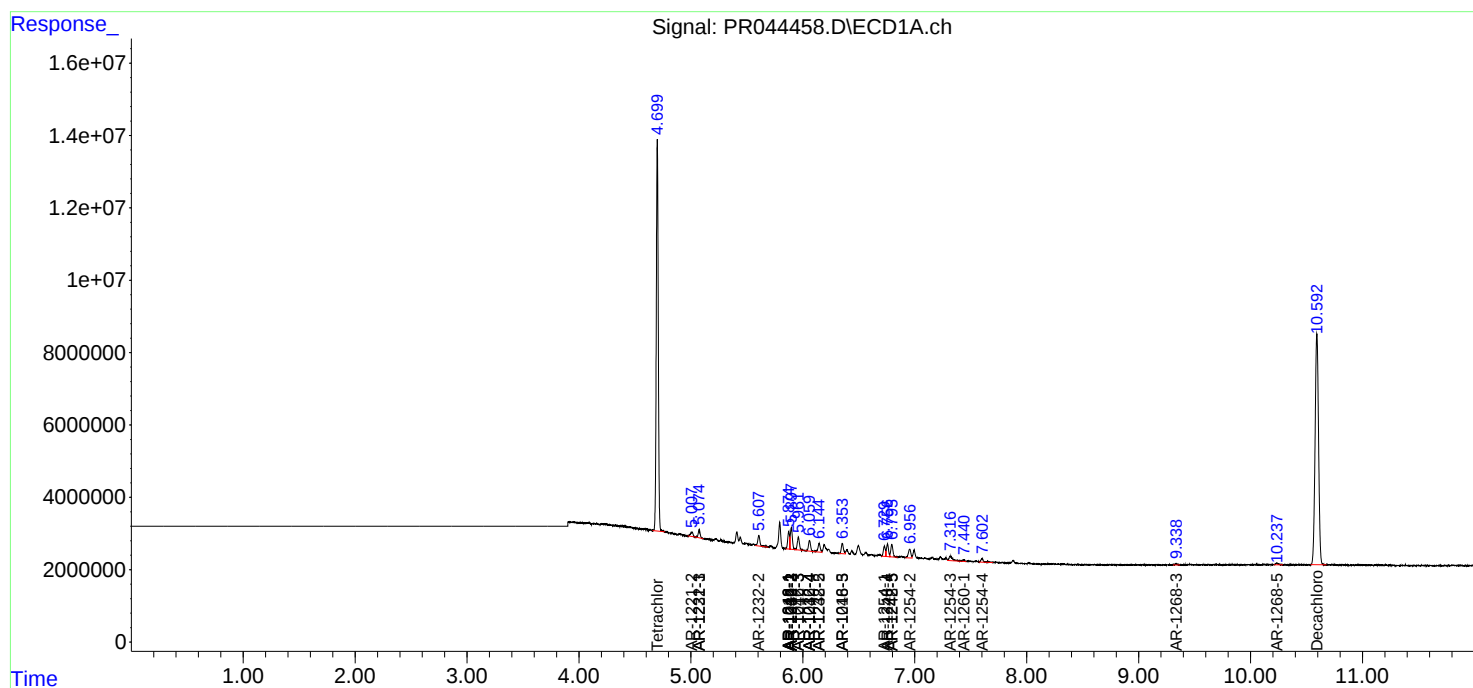
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

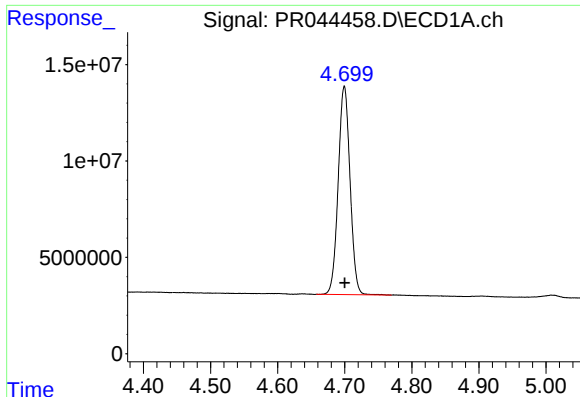
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

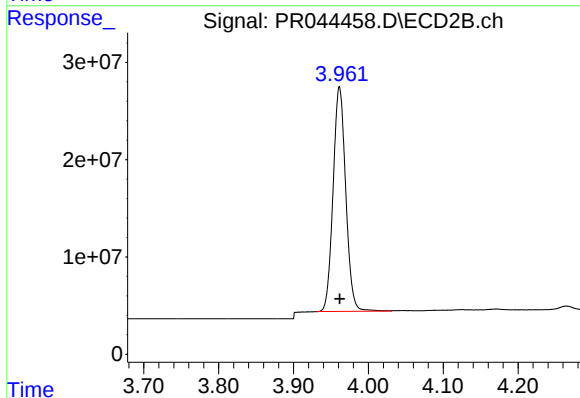




#1 Tetrachloro-m-xylene

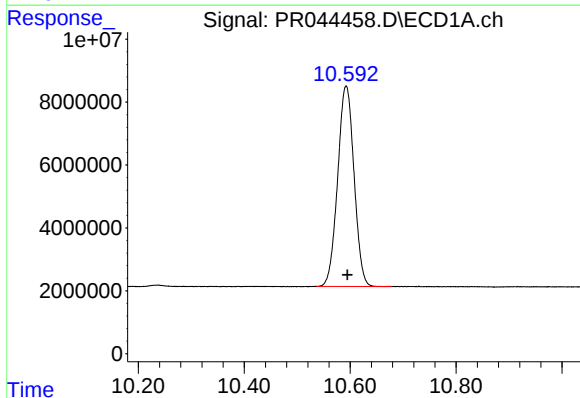
R.T.: 4.699 min
Delta R.T.: 0.000 min
Response: 132438573
Conc: 17.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



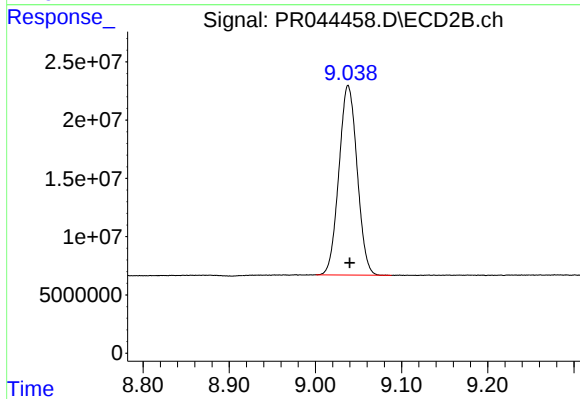
#1 Tetrachloro-m-xylene

R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 271315956
Conc: 17.16 ng/ml



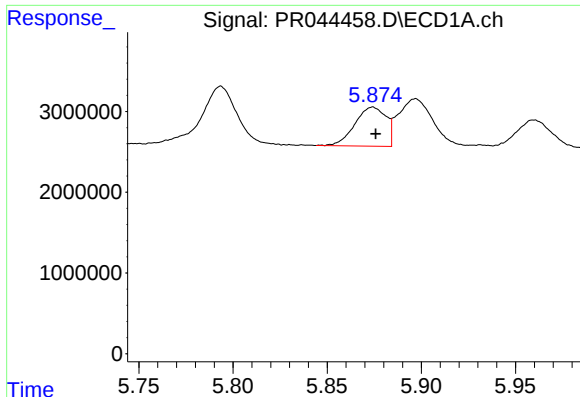
#2 Decachlorobiphenyl

R.T.: 10.592 min
Delta R.T.: -0.002 min
Response: 136747429
Conc: 17.90 ng/ml



#2 Decachlorobiphenyl

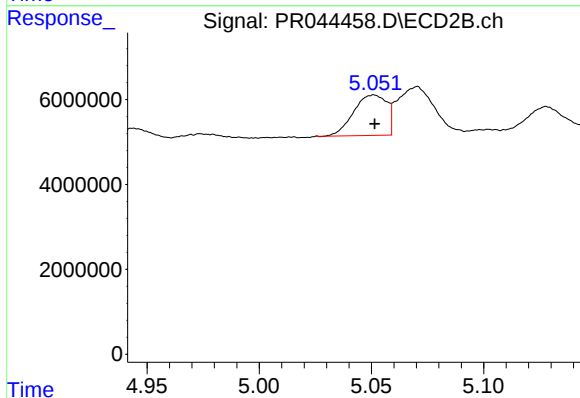
R.T.: 9.038 min
Delta R.T.: -0.002 min
Response: 238892014
Conc: 16.79 ng/ml



#3 AR-1016-1

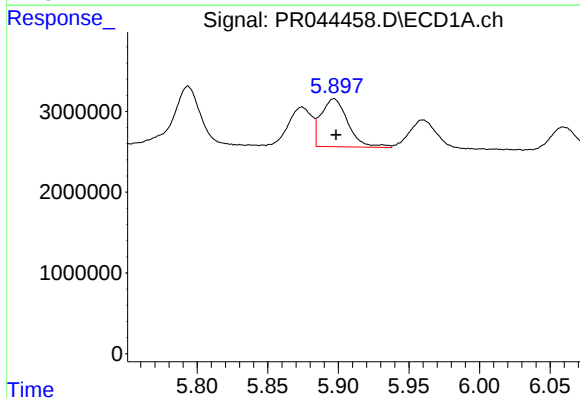
R.T.: 5.874 min
Delta R.T.: -0.002 min
Response: 5571408
Conc: 20.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



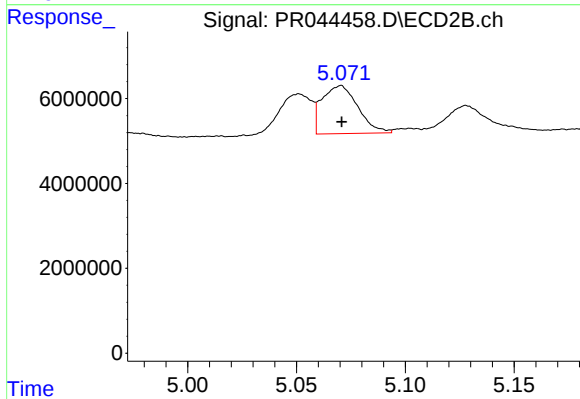
#3 AR-1016-1

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 9791458
Conc: 21.70 ng/ml



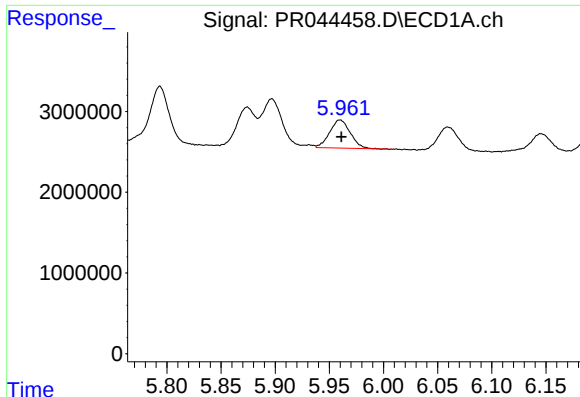
#4 AR-1016-2

R.T.: 5.897 min
Delta R.T.: -0.001 min
Response: 7837925
Conc: 20.38 ng/ml



#4 AR-1016-2

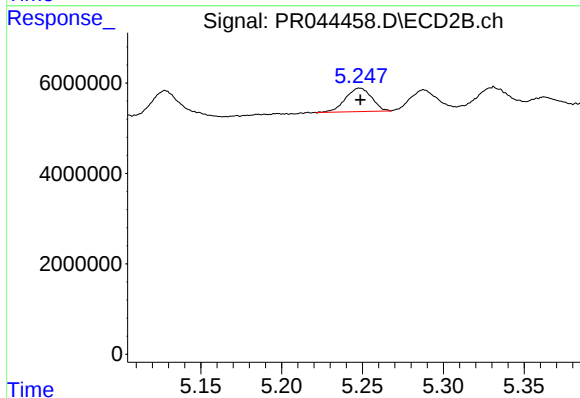
R.T.: 5.070 min
Delta R.T.: 0.000 min
Response: 13038628
Conc: 21.14 ng/ml



#5 AR-1016-3

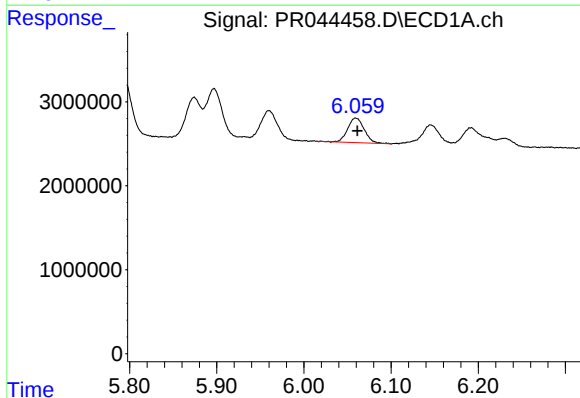
R.T.: 5.960 min
Delta R.T.: -0.001 min
Response: 4599759
Conc: 20.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



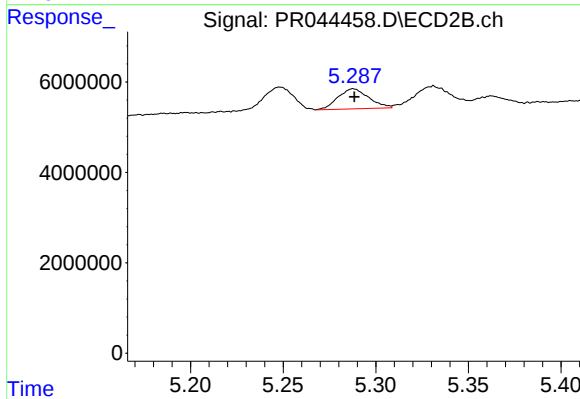
#5 AR-1016-3

R.T.: 5.248 min
Delta R.T.: 0.000 min
Response: 5801213
Conc: 19.09 ng/ml



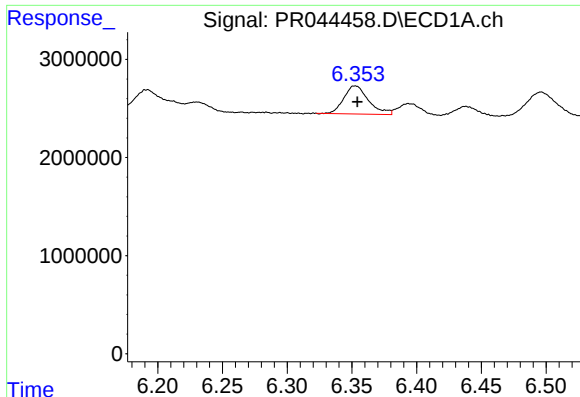
#6 AR-1016-4

R.T.: 6.060 min
Delta R.T.: -0.002 min
Response: 3869002
Conc: 20.37 ng/ml



#6 AR-1016-4

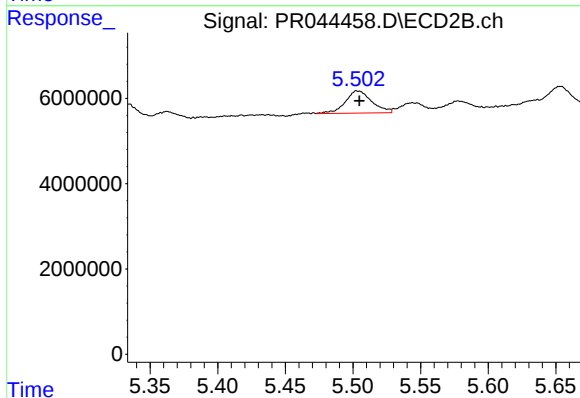
R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 5126239
Conc: 22.33 ng/ml



#7 AR-1016-5

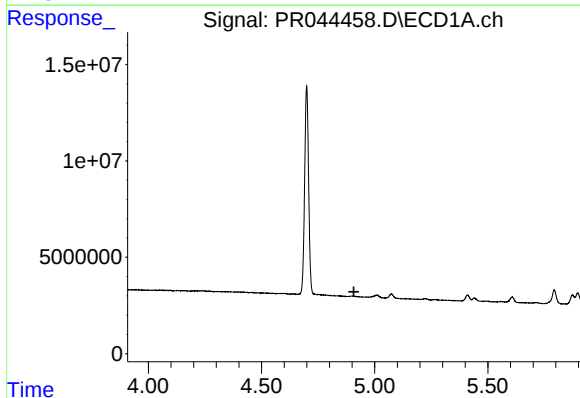
R.T.: 6.353 min
Delta R.T.: -0.002 min
Response: 3785716
Conc: 20.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



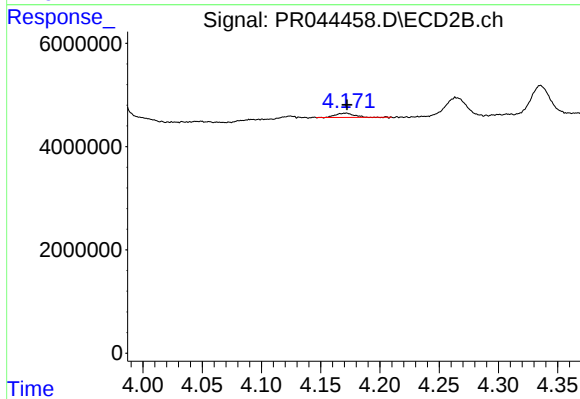
#7 AR-1016-5

R.T.: 5.503 min
Delta R.T.: -0.001 min
Response: 7140430
Conc: 22.71 ng/ml



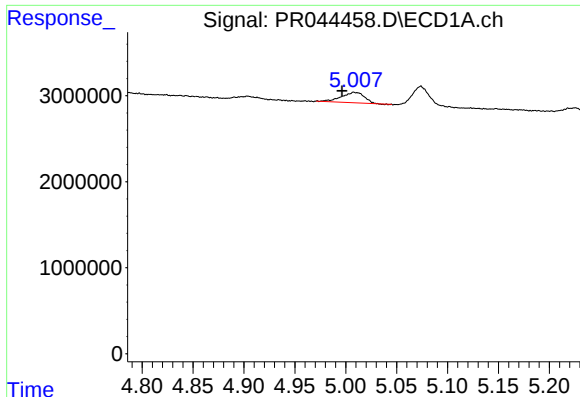
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.908 min
Response: 0
Conc: N.D.



#8 AR-1221-1

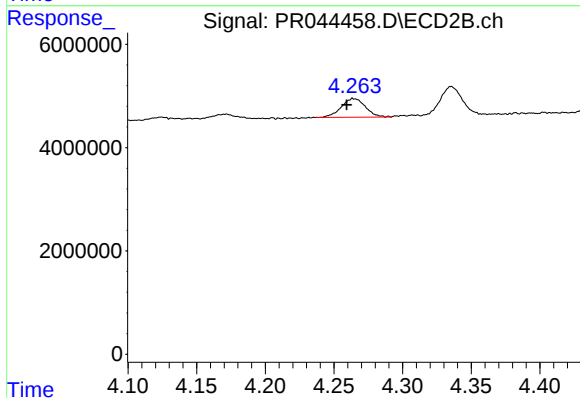
R.T.: 4.171 min
Delta R.T.: 0.000 min
Response: 817806
Conc: 4.91 ng/ml



#9 AR-1221-2

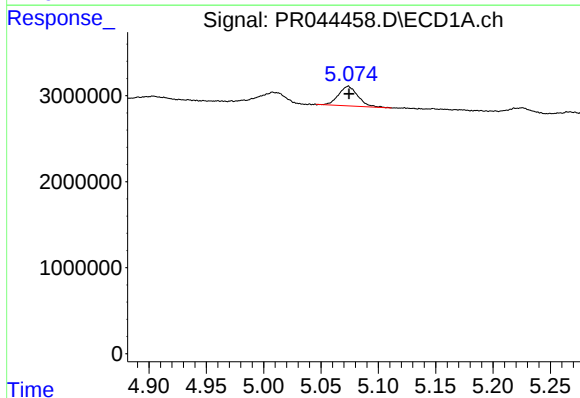
R.T.: 5.008 min
Delta R.T.: 0.012 min
Response: 1849523
Conc: 33.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



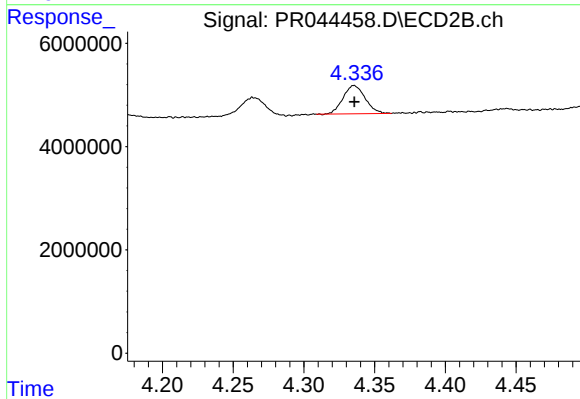
#9 AR-1221-2

R.T.: 4.264 min
Delta R.T.: 0.005 min
Response: 4437398
Conc: 35.99 ng/ml



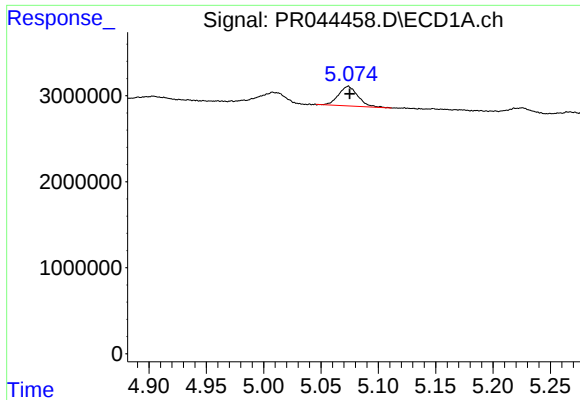
#10 AR-1221-3

R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 2648829
Conc: 14.93 ng/ml



#10 AR-1221-3

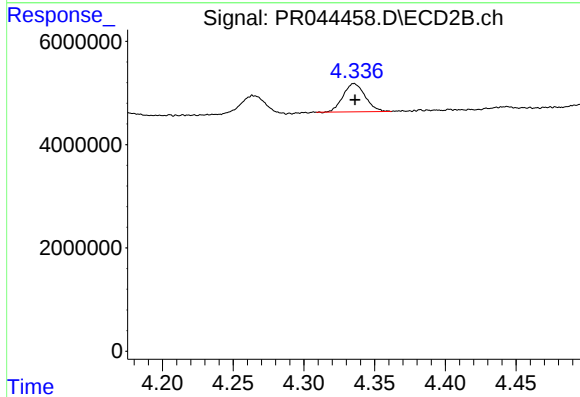
R.T.: 4.336 min
Delta R.T.: 0.000 min
Response: 5933843
Conc: 15.40 ng/ml



#11 AR-1232-1

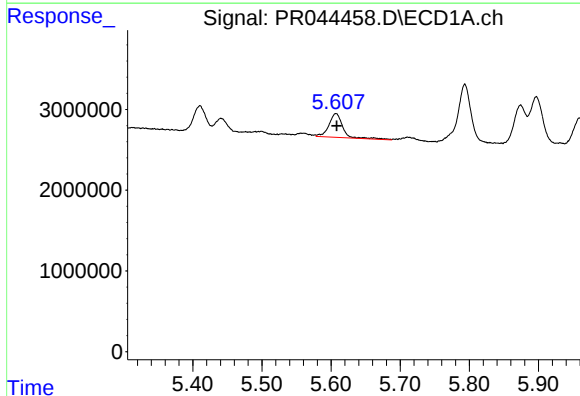
R.T.: 5.074 min
Delta R.T.: -0.002 min
Response: 2648829
Conc: 18.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



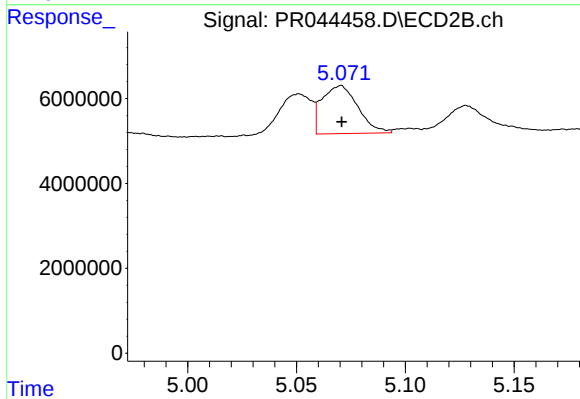
#11 AR-1232-1

R.T.: 4.336 min
Delta R.T.: 0.000 min
Response: 5933843
Conc: 19.46 ng/ml



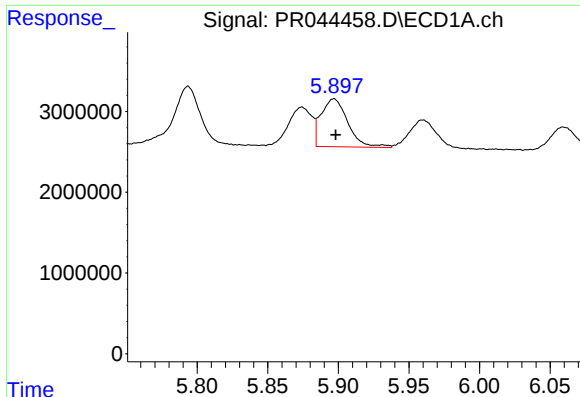
#12 AR-1232-2

R.T.: 5.607 min
Delta R.T.: -0.001 min
Response: 4148045
Conc: 56.25 ng/ml



#12 AR-1232-2

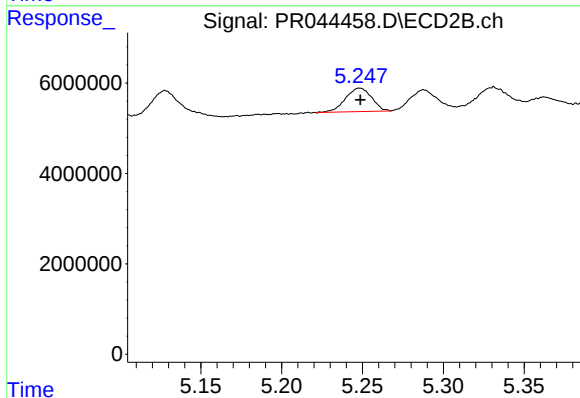
R.T.: 5.070 min
Delta R.T.: 0.000 min
Response: 13038628
Conc: 52.89 ng/ml



#13 AR-1232-3

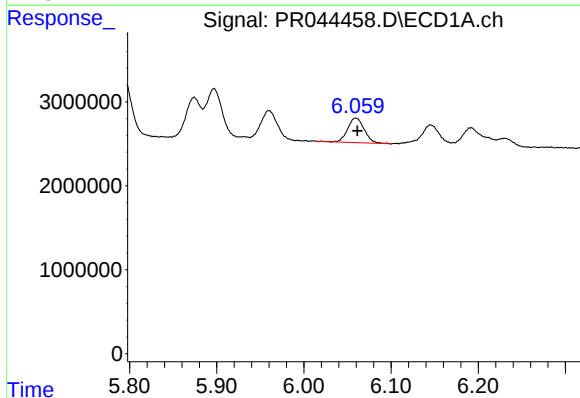
R.T.: 5.897 min
Delta R.T.: -0.001 min
Response: 7837925
Conc: 52.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



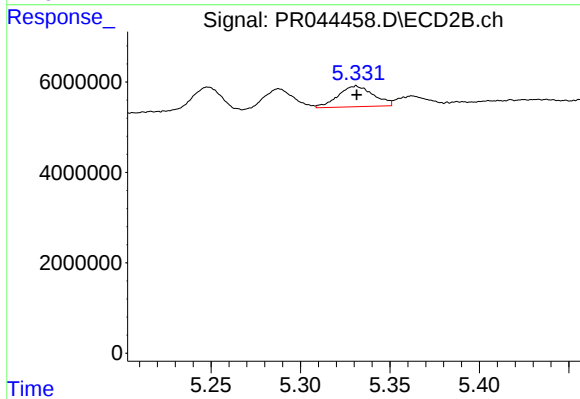
#13 AR-1232-3

R.T.: 5.248 min
Delta R.T.: 0.000 min
Response: 5801213
Conc: 48.11 ng/ml



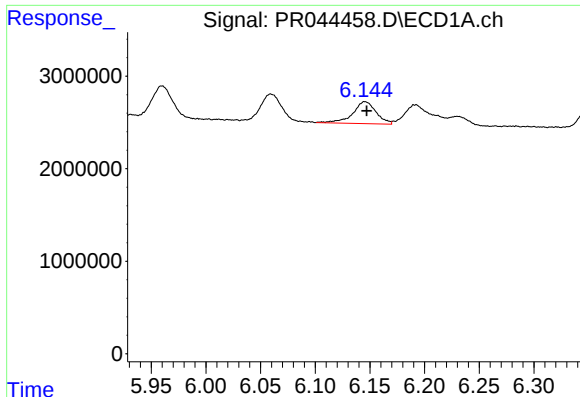
#14 AR-1232-4

R.T.: 6.060 min
Delta R.T.: -0.002 min
Response: 3869002
Conc: 52.02 ng/ml



#14 AR-1232-4

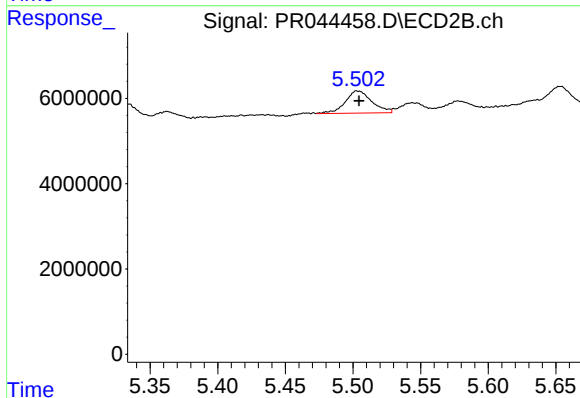
R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 6309475
Conc: 64.46 ng/ml



#15 AR-1232-5

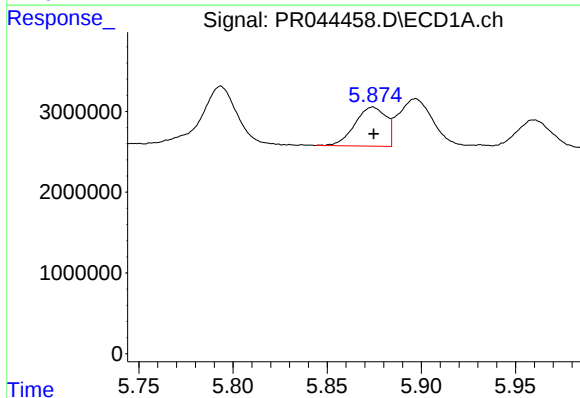
R.T.: 6.146 min
Delta R.T.: -0.002 min
Response: 3516518
Conc: 63.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



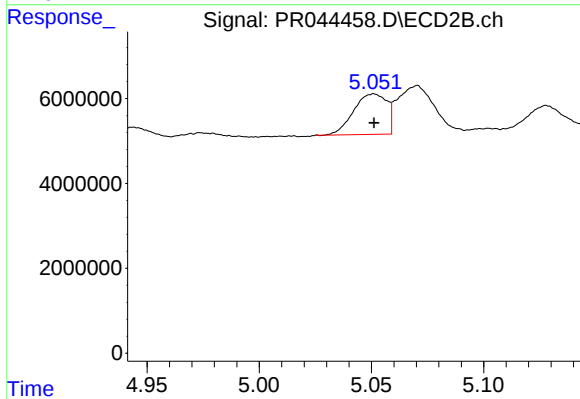
#15 AR-1232-5

R.T.: 5.503 min
Delta R.T.: -0.001 min
Response: 7140430
Conc: 63.56 ng/ml



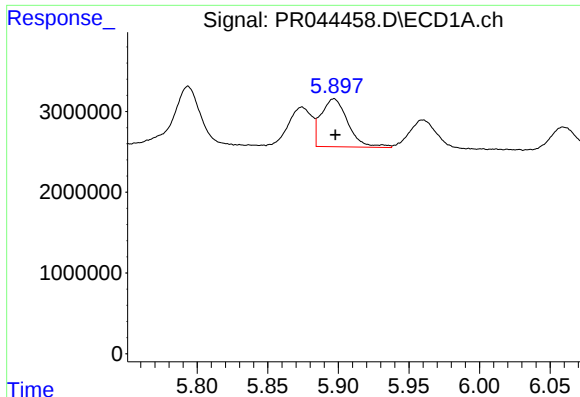
#16 AR-1242-1

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 5571408
Conc: 28.98 ng/ml



#16 AR-1242-1

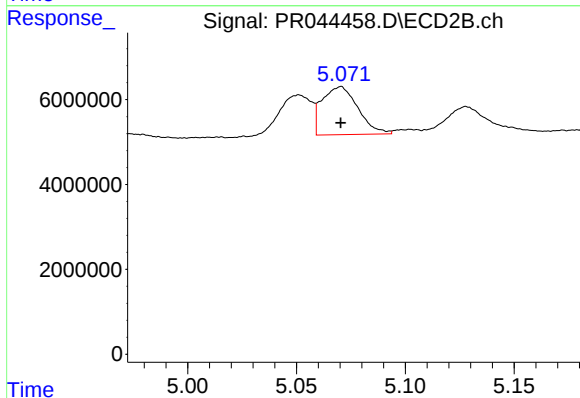
R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 9791458
Conc: 31.41 ng/ml



#17 AR-1242-2

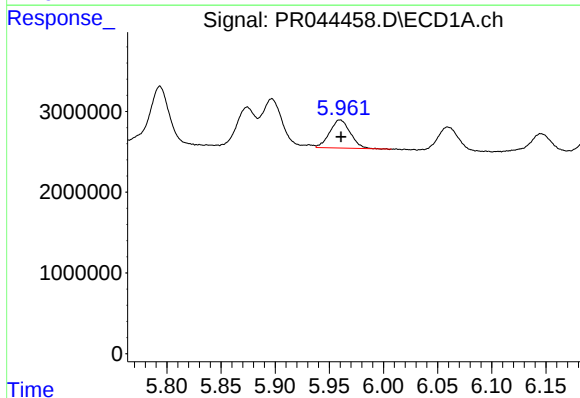
R.T.: 5.897 min
Delta R.T.: -0.001 min
Response: 7837925
Conc: 28.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



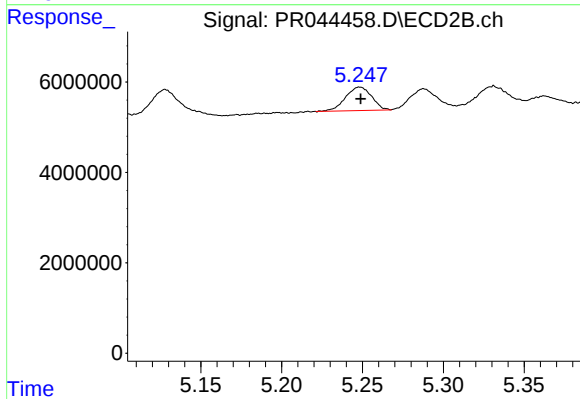
#17 AR-1242-2

R.T.: 5.070 min
Delta R.T.: 0.000 min
Response: 13038628
Conc: 30.52 ng/ml



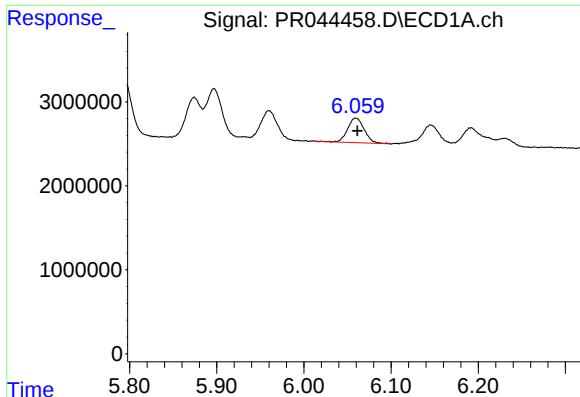
#18 AR-1242-3

R.T.: 5.960 min
Delta R.T.: -0.001 min
Response: 4599759
Conc: 28.37 ng/ml



#18 AR-1242-3

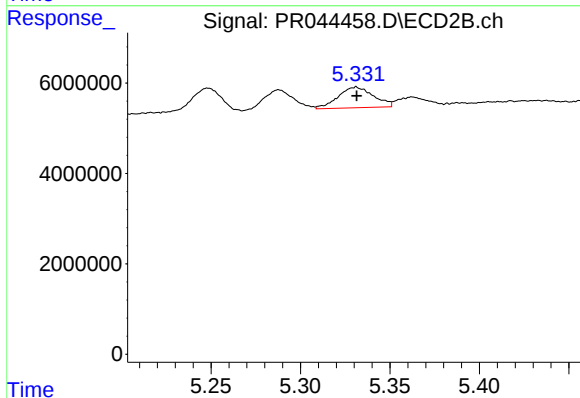
R.T.: 5.248 min
Delta R.T.: 0.000 min
Response: 5801213
Conc: 27.30 ng/ml



#19 AR-1242-4

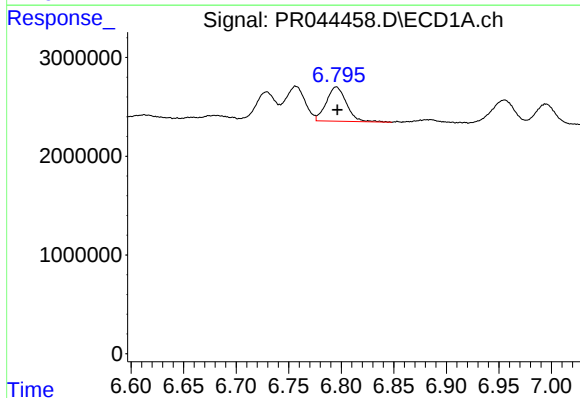
R.T.: 6.060 min
Delta R.T.: -0.002 min
Response: 3869002
Conc: 28.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



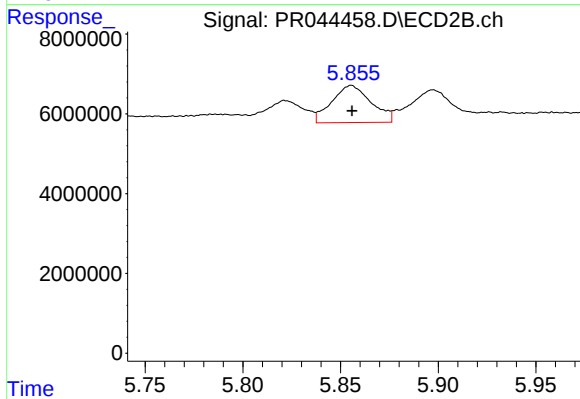
#19 AR-1242-4

R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 6309475
Conc: 32.74 ng/ml



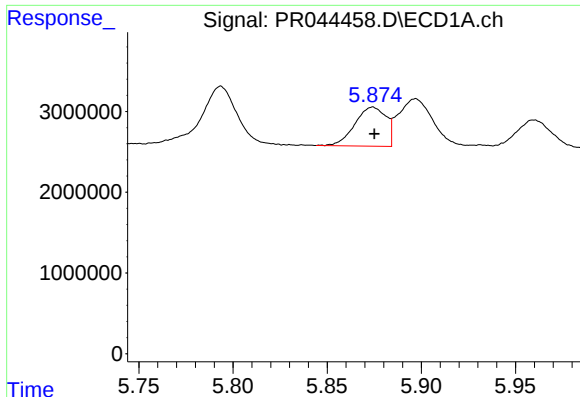
#20 AR-1242-5

R.T.: 6.795 min
Delta R.T.: -0.001 min
Response: 4625592
Conc: 30.31 ng/ml



#20 AR-1242-5

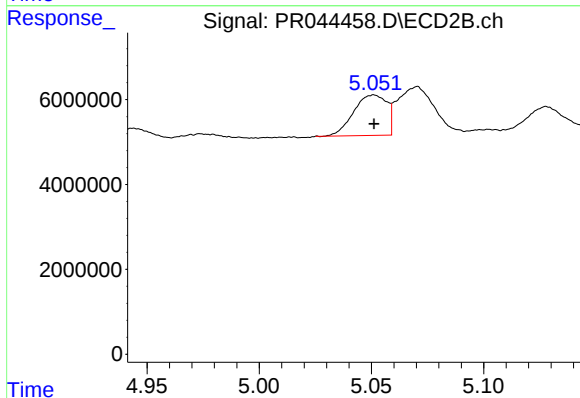
R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 13086443
Conc: 42.40 ng/ml



#21 AR-1248-1

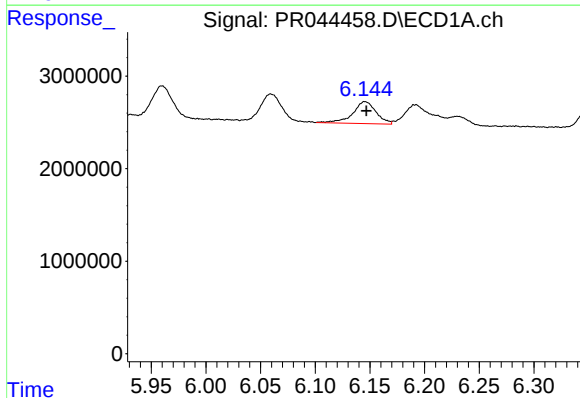
R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 5571408
Conc: 36.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



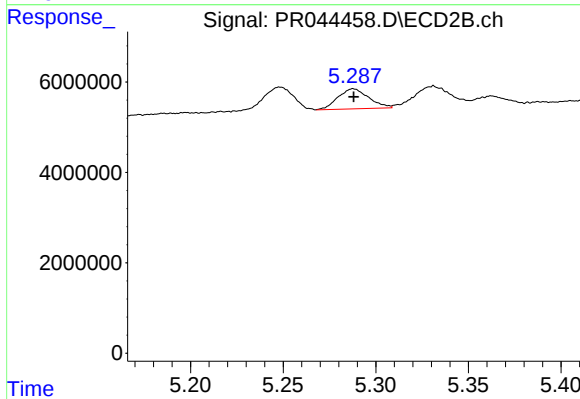
#21 AR-1248-1

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 9791458
Conc: 38.81 ng/ml



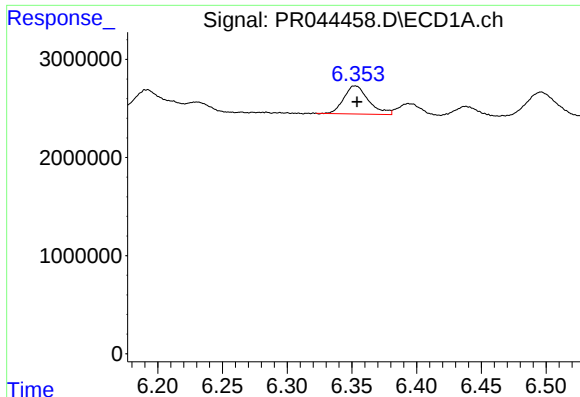
#22 AR-1248-2

R.T.: 6.146 min
Delta R.T.: -0.001 min
Response: 3516518
Conc: 17.25 ng/ml



#22 AR-1248-2

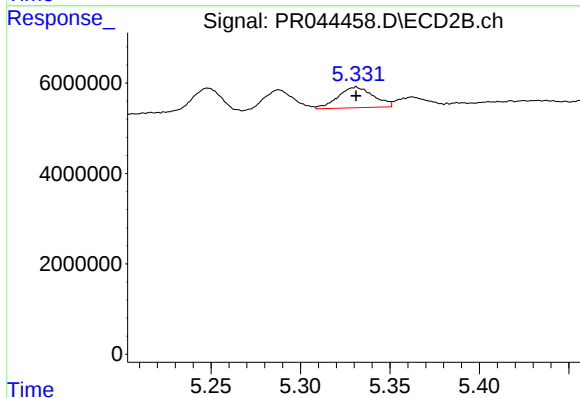
R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 5126239
Conc: 18.71 ng/ml



#23 AR-1248-3

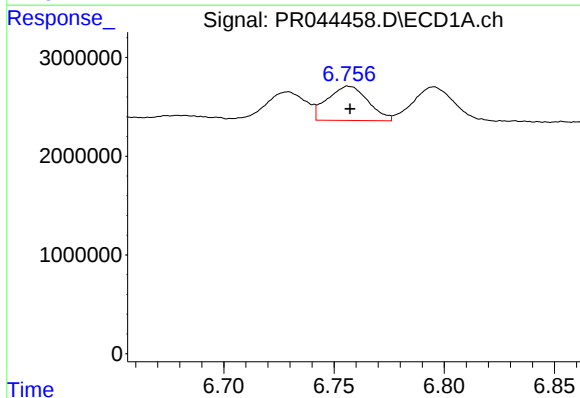
R.T.: 6.353 min
Delta R.T.: -0.001 min
Response: 3785716
Conc: 16.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



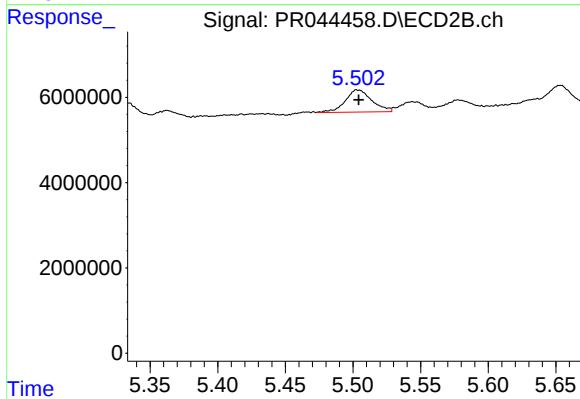
#23 AR-1248-3

R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 6309475
Conc: 22.50 ng/ml



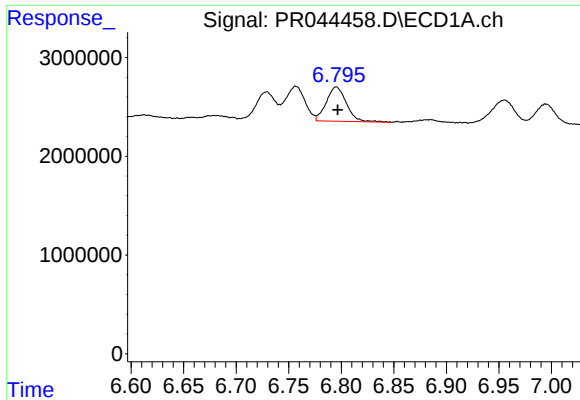
#24 AR-1248-4

R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 4455110
Conc: 16.46 ng/ml



#24 AR-1248-4

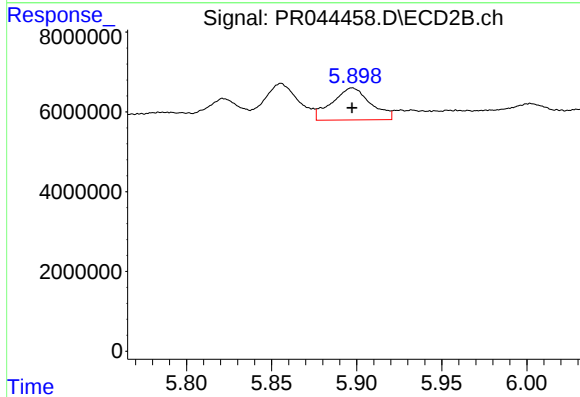
R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 7140430
Conc: 19.76 ng/ml



#25 AR-1248-5

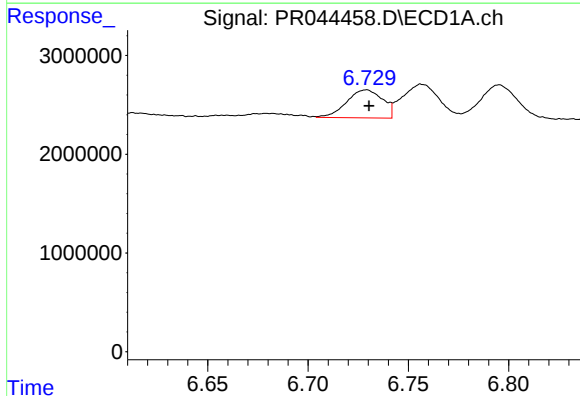
R.T.: 6.795 min
Delta R.T.: -0.002 min
Response: 4625592
Conc: 18.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



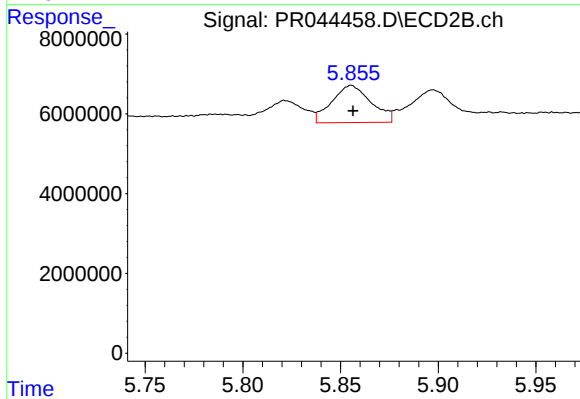
#25 AR-1248-5

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 12733059
Conc: 30.37 ng/ml



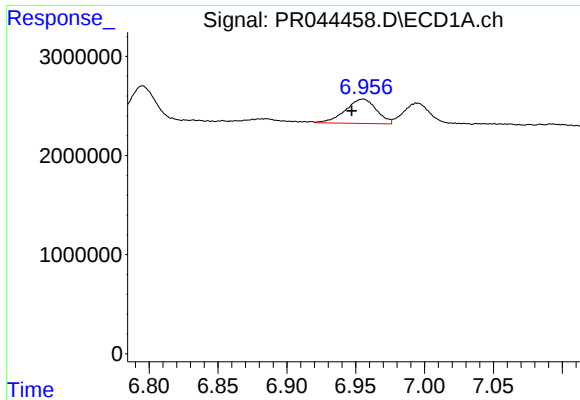
#26 AR-1254-1

R.T.: 6.729 min
Delta R.T.: -0.002 min
Response: 3547239
Conc: 13.54 ng/ml



#26 AR-1254-1

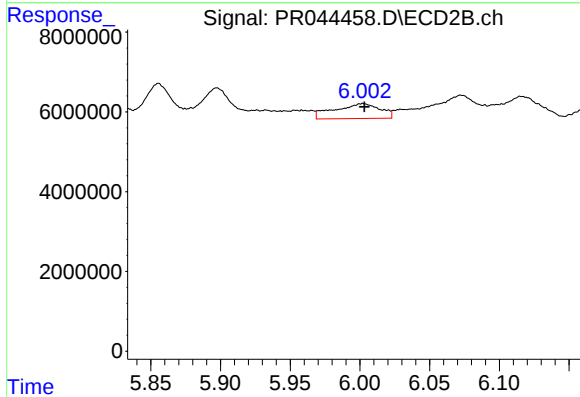
R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 13086443
Conc: 21.09 ng/ml



#27 AR-1254-2

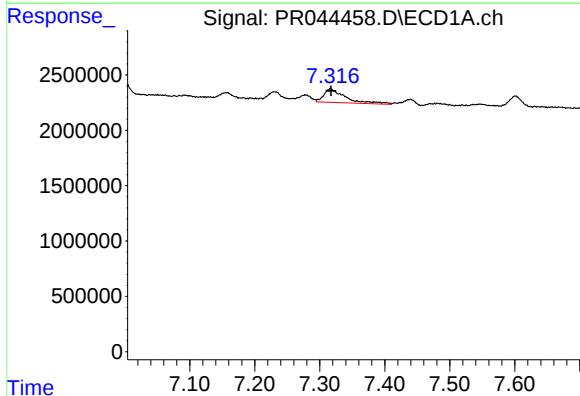
R.T.: 6.955 min
Delta R.T.: 0.008 min
Response: 3861803
Conc: 9.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



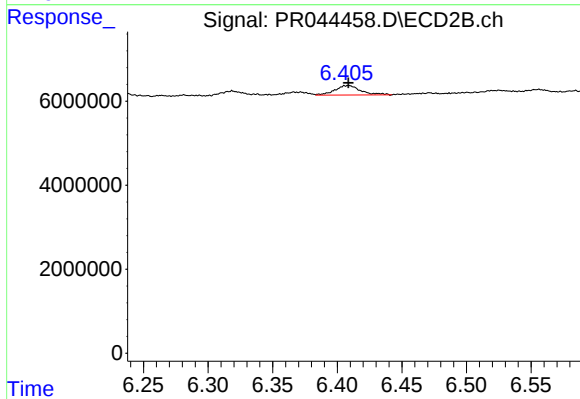
#27 AR-1254-2

R.T.: 6.002 min
Delta R.T.: -0.001 min
Response: 8538952
Conc: 15.36 ng/ml



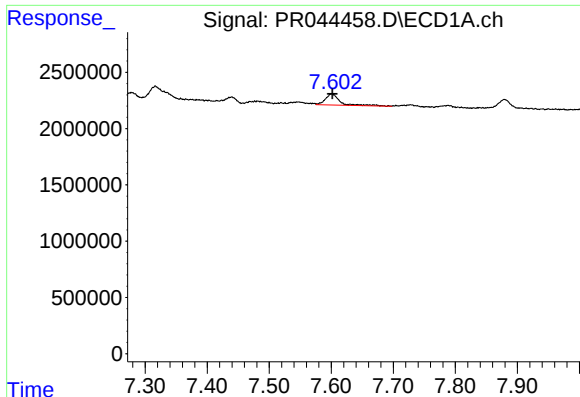
#28 AR-1254-3

R.T.: 7.317 min
Delta R.T.: 0.000 min
Response: 2834917
Conc: 6.44 ng/ml



#28 AR-1254-3

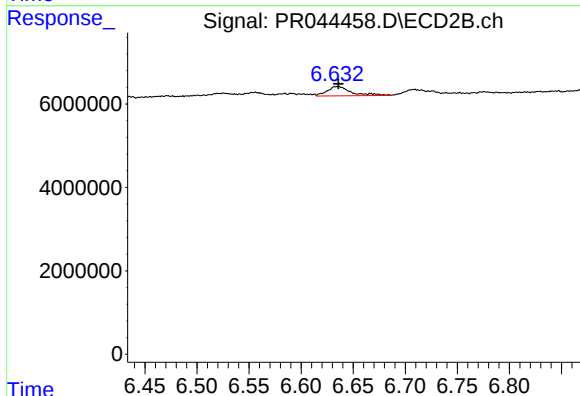
R.T.: 6.408 min
Delta R.T.: 0.000 min
Response: 3151243
Conc: 3.33 ng/ml



#29 AR-1254-4

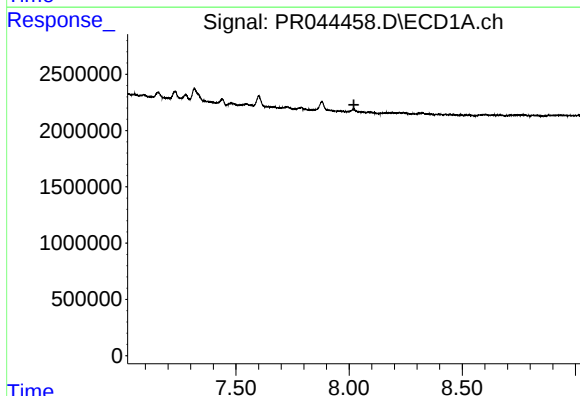
R.T.: 7.601 min
Delta R.T.: -0.001 min
Response: 1632003
Conc: 4.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



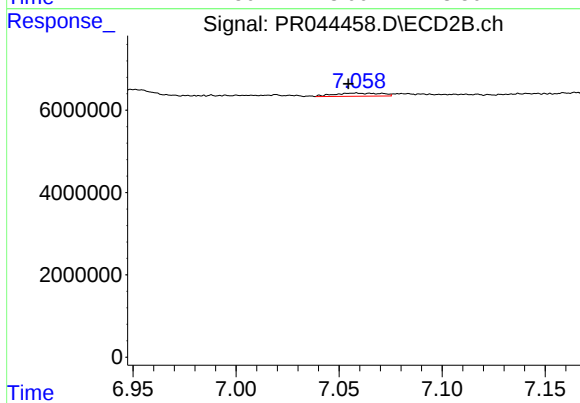
#29 AR-1254-4

R.T.: 6.635 min
Delta R.T.: -0.001 min
Response: 3631920
Conc: 5.04 ng/ml



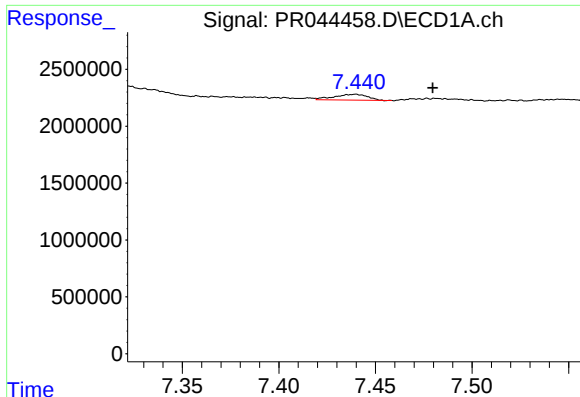
#30 AR-1254-5

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



#30 AR-1254-5

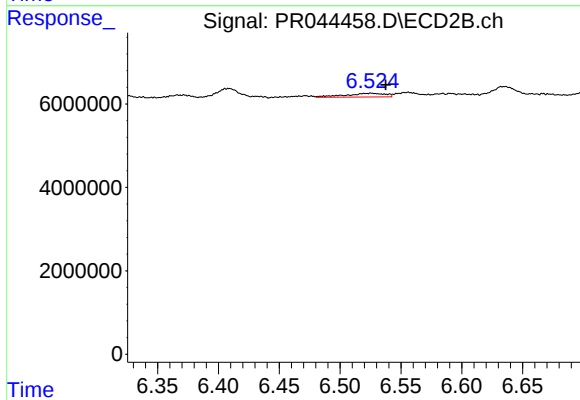
R.T.: 7.058 min
Delta R.T.: 0.004 min
Response: 1225772
Conc: 1.44 ng/ml



#31 AR-1260-1

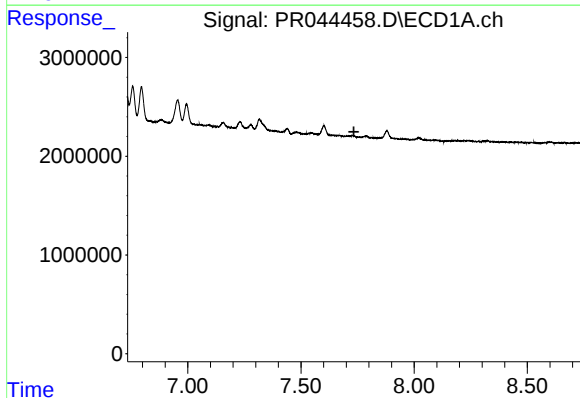
R.T.: 7.439 min
Delta R.T.: -0.040 min
Response: 602625
Conc: 1.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



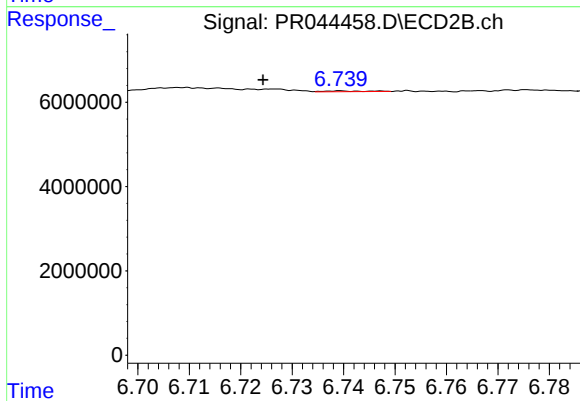
#31 AR-1260-1

R.T.: 6.526 min
Delta R.T.: -0.012 min
Response: 2021893
Conc: 2.96 ng/ml



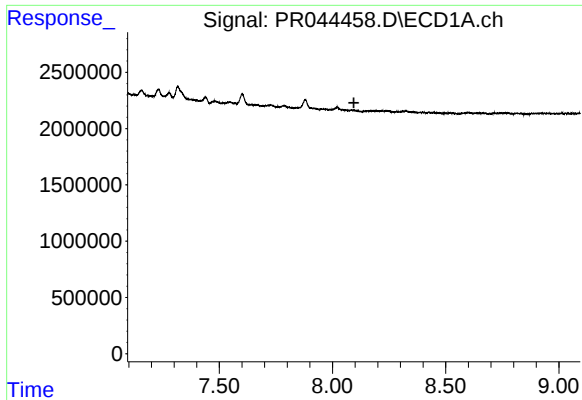
#32 AR-1260-2

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



#32 AR-1260-2

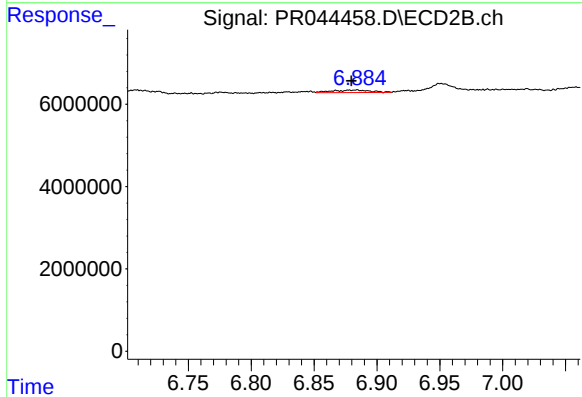
R.T.: 6.739 min
Delta R.T.: 0.015 min
Response: 114239
Conc: 0.11 ng/ml



#33 AR-1260-3

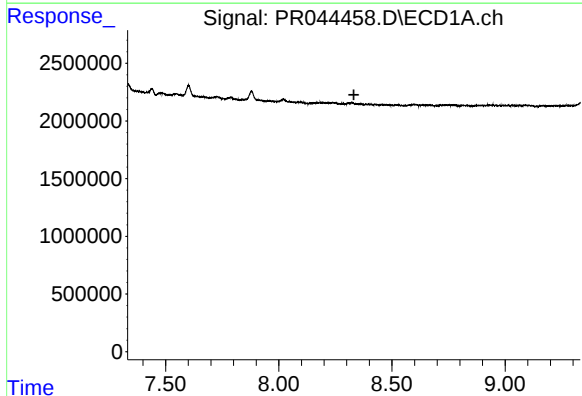
R.T.: 0.000 min
Exp R.T.: 8.094 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



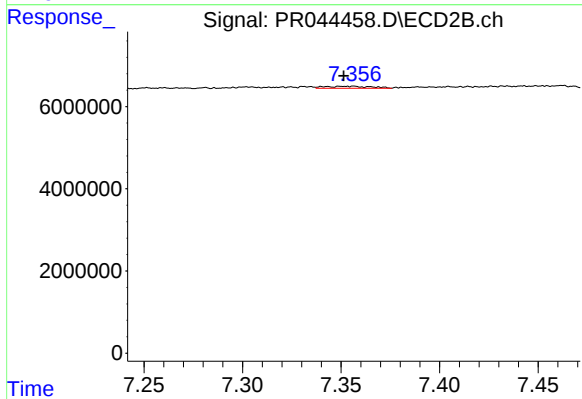
#33 AR-1260-3

R.T.: 6.884 min
Delta R.T.: 0.004 min
Response: 1290549
Conc: 1.59 ng/ml



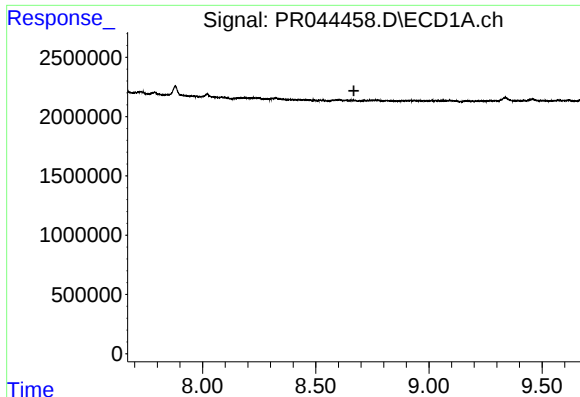
#34 AR-1260-4

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



#34 AR-1260-4

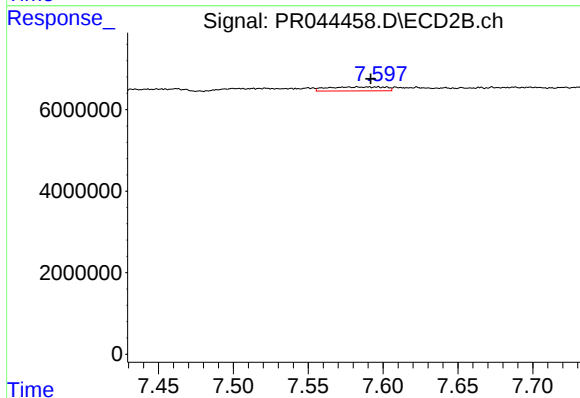
R.T.: 7.356 min
Delta R.T.: 0.005 min
Response: 848761
Conc: 1.18 ng/ml



#35 AR-1260-5

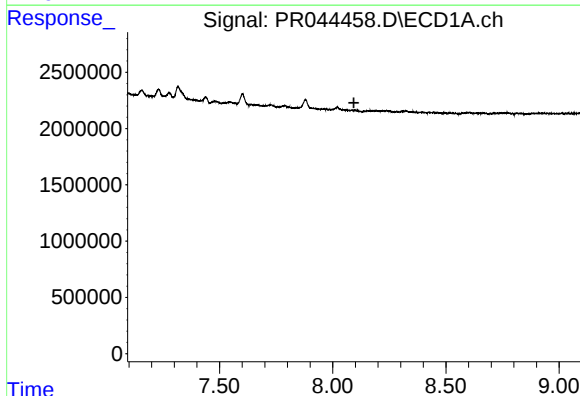
R.T.: 0.000 min
Exp R.T.: 8.669 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



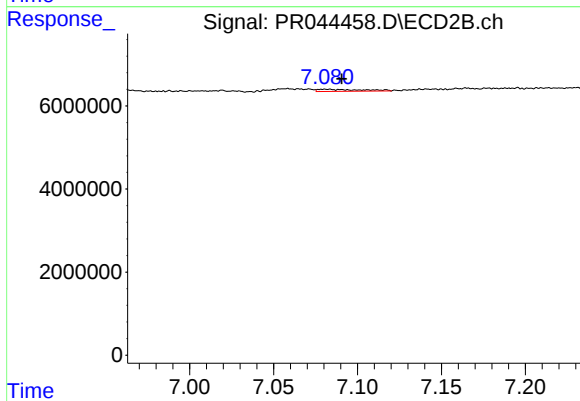
#35 AR-1260-5

R.T.: 7.583 min
Delta R.T.: -0.009 min
Response: 2636922
Conc: 1.22 ng/ml



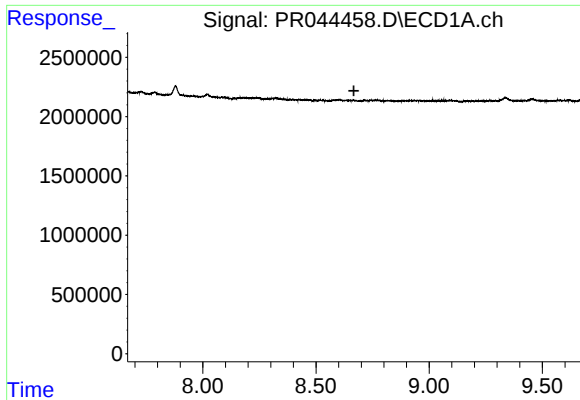
#36 AR-1262-1

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



#36 AR-1262-1

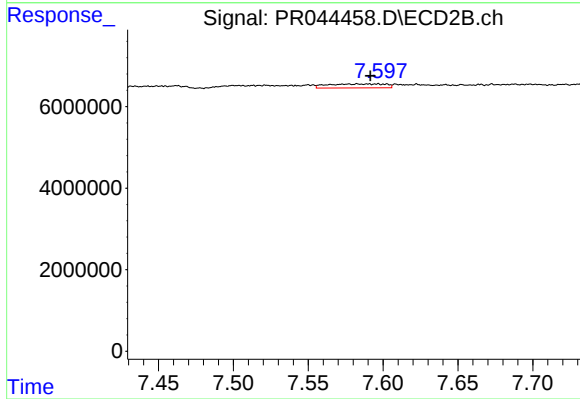
R.T.: 7.081 min
Delta R.T.: -0.010 min
Response: 928015
Conc: 0.77 ng/ml



#37 AR-1262-2

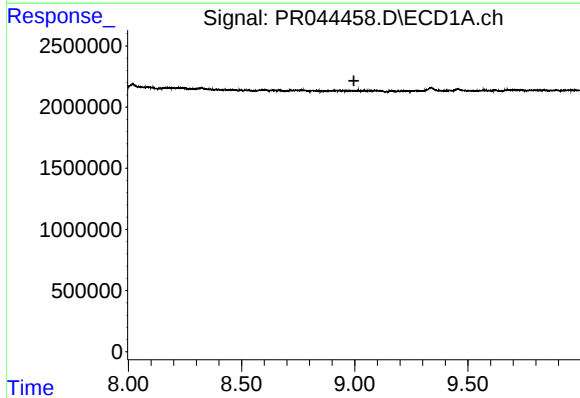
R.T.: 0.000 min
Exp R.T.: 8.668 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



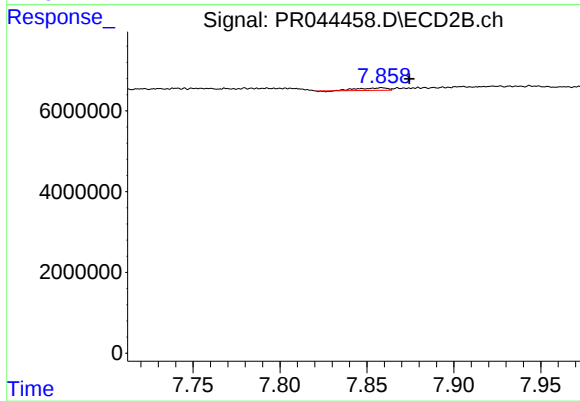
#37 AR-1262-2

R.T.: 7.583 min
Delta R.T.: -0.009 min
Response: 2636922
Conc: 1.18 ng/ml



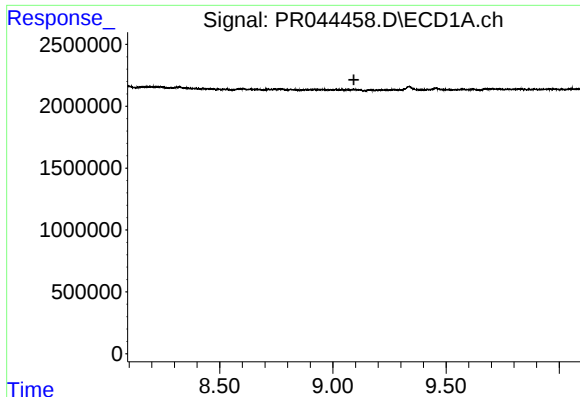
#38 AR-1262-3

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



#38 AR-1262-3

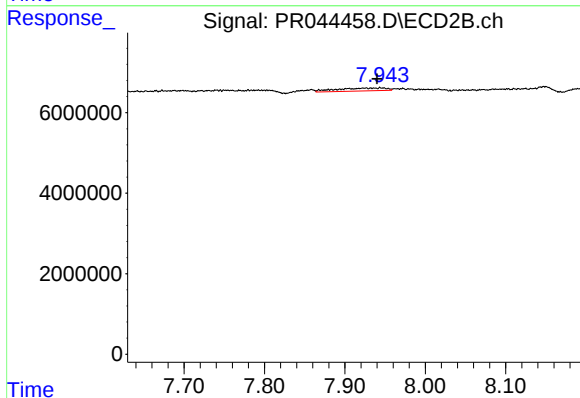
R.T.: 7.859 min
Delta R.T.: -0.016 min
Response: 678423
Conc: 0.77 ng/ml



#39 AR-1262-4

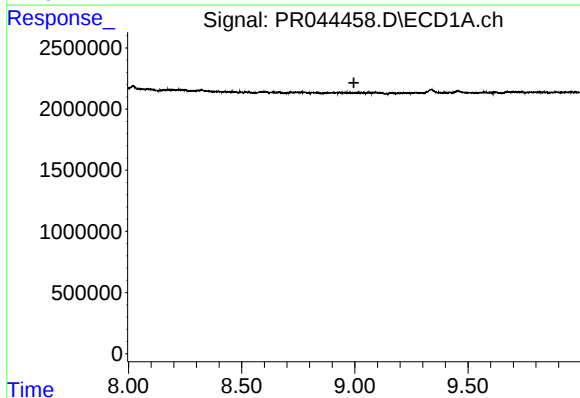
R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



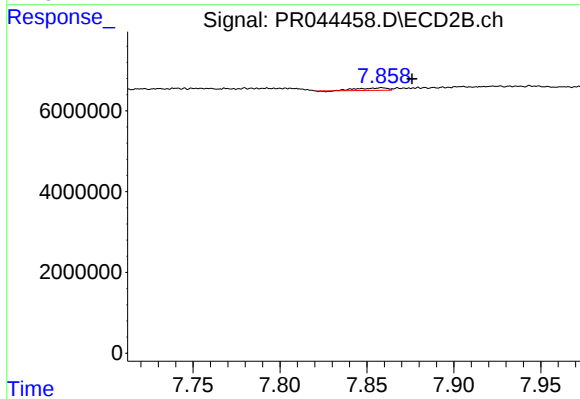
#39 AR-1262-4

R.T.: 7.944 min
Delta R.T.: 0.004 min
Response: 3124294
Conc: 2.13 ng/ml



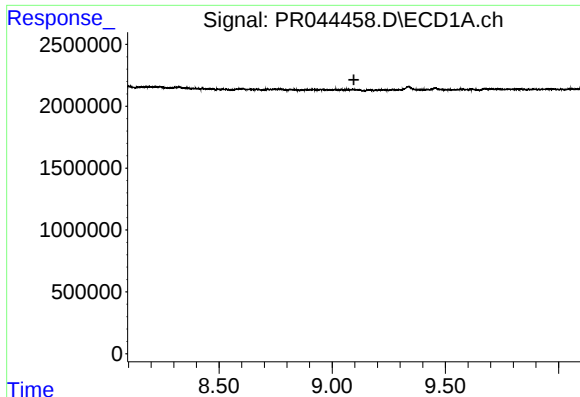
#41 AR-1268-1

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



#41 AR-1268-1

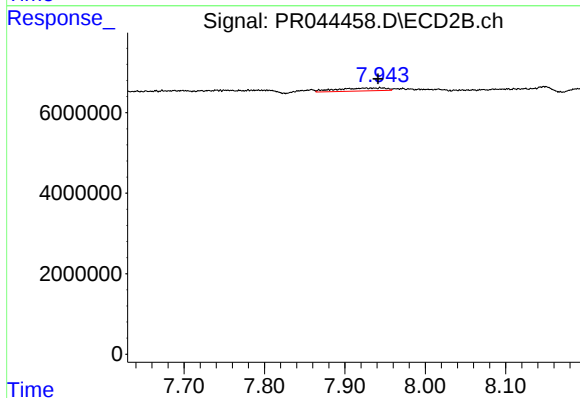
R.T.: 7.859 min
Delta R.T.: -0.017 min
Response: 678423
Conc: 0.25 ng/ml



#42 AR-1268-2

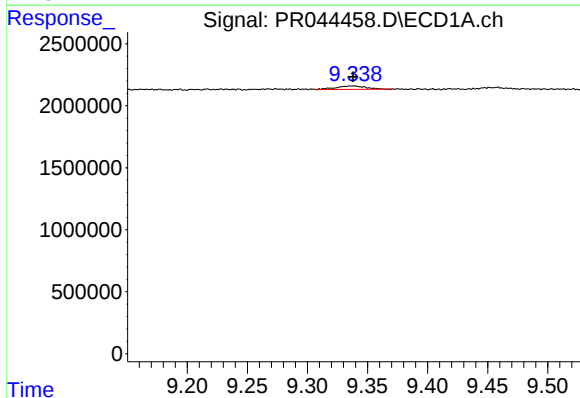
R.T.: 0.000 min
Exp R.T.: 9.096 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



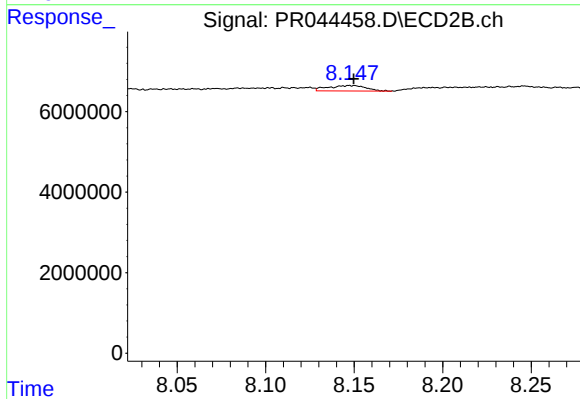
#42 AR-1268-2

R.T.: 7.944 min
Delta R.T.: 0.003 min
Response: 3124294
Conc: 1.37 ng/ml



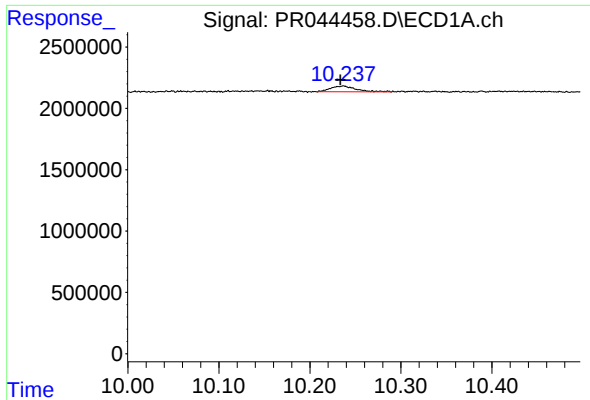
#43 AR-1268-3

R.T.: 9.338 min
Delta R.T.: 0.000 min
Response: 478637
Conc: 0.58 ng/ml



#43 AR-1268-3

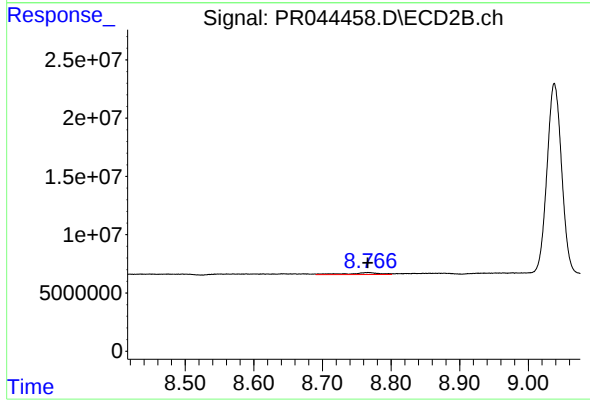
R.T.: 8.148 min
Delta R.T.: -0.002 min
Response: 1983610
Conc: 1.02 ng/ml



#45 AR-1268-5

R.T.: 10.237 min
Delta R.T.: 0.003 min
Response: 918811
Conc: 0.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.766 min
Delta R.T.: 0.000 min
Response: 5510284
Conc: 0.98 ng/ml