

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR012120\
 Data File : PR044459.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jan 2020 13:51
 Operator : DD\AJ
 Sample : L1161-09
 Misc : AR1248 MDL 25 PPB
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 22 01:19:46 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	3.962	162.0E6	330.5E6	21.845	20.899
2)	SA Decachlor...	10.592	9.039	164.0E6	286.9E6	21.463	20.159
Target Compounds							
3)	L1 AR-1016-1	5.874	5.051	4941370	9636815	18.169	21.362
4)	L1 AR-1016-2	5.898	5.069	5680054	8216430	14.766	13.322
5)	L1 AR-1016-3	5.960	5.249	2963778	5531656	13.060	18.202 #
6)	L1 AR-1016-4	6.059	5.288	3232707	12141486	17.017	52.891 #
7)	L1 AR-1016-5	6.352	5.504	7205555	11732133	38.926	37.307
8)	L2 AR-1221-1	0.000	4.168	0	278625	N.D.	1.673 #
9)	L2 AR-1221-2	5.009	4.266	1905896	4097784	34.786	33.236
10)	L2 AR-1221-3	5.073	4.337	435679	1174288	2.456	3.047
11)	L3 AR-1232-1	5.073	4.337	435679	1174288	3.107	3.851
12)	L3 AR-1232-2	5.607	5.069	2006171	8216430	27.204	33.327
13)	L3 AR-1232-3	5.898	5.249	5680054	5531656	37.835	45.872
14)	L3 AR-1232-4	6.059	5.331	3232707	13138733	43.466	134.233 #
15)	L3 AR-1232-5	6.146	5.504	6996881	11732133	126.560	104.436
16)	L4 AR-1242-1	5.874	5.051	4941370	9636815	25.701	30.912
17)	L4 AR-1242-2	5.898	5.069	5680054	8216430	20.883	19.230
18)	L4 AR-1242-3	5.960	5.249	2963778	5531656	18.277	26.030 #
19)	L4 AR-1242-4	6.059	5.331	3232707	13138733	23.835	68.175 #
20)	L4 AR-1242-5	6.795	5.855	9680120	24641295	63.427	79.834 #
21)	L5 AR-1248-1	5.874	5.051	4941370	9636815	32.582	38.198
22)	L5 AR-1248-2	6.146	5.288	6996881	12141486	34.322	44.317 #
23)	L5 AR-1248-3	6.352	5.331	7205555	13138733	31.645	46.851 #
24)	L5 AR-1248-4	6.756	5.504	9752492	11732133	36.025	32.468
25)	L5 AR-1248-5	6.795	5.897	9680120	21824532	37.828	52.046 #
26)	L6 AR-1254-1	6.730	5.855	9385594	24641295	35.812	39.704
27)	L6 AR-1254-2	6.954	6.002	8920368	15841697	21.923	28.505 #
28)	L6 AR-1254-3	7.316	6.407	8183991	8880121	18.589	9.383 #
29)	L6 AR-1254-4	7.601	6.635	5076334	7524861	15.039	10.444 #
30)	L6 AR-1254-5	8.019	7.054	1284506	1685030	3.610	1.973 #
31)	L7 AR-1260-1	7.474	6.529	1752184	2350811	5.250	3.447 #
32)	L7 AR-1260-2	7.727	6.710	2298164	2805364	5.628	2.809 #
33)	L7 AR-1260-3	0.000	6.879	0	2419595	N.D.	2.983 #
34)	L7 AR-1260-4	8.324	7.348	417443	1067925	1.143	1.481 #
35)	L7 AR-1260-5	0.000	7.593	0	3205228	N.D.	1.482 #
36)	L8 AR-1262-1	0.000	7.088	0	1083562	N.D.	0.897 #
37)	L8 AR-1262-2	0.000	7.593	0	3205228	N.D.	1.438 #
38)	L8 AR-1262-3	0.000	7.932	0	7732164	N.D.	8.745 #
39)	L8 AR-1262-4	0.000	7.932	0	7732164	N.D.	5.261 #
41)	L9 AR-1268-1	0.000	7.932	0	7732164	N.D.	2.893 #
42)	L9 AR-1268-2	0.000	7.932	0	7732164	N.D.	3.382 #

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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	9.340	8.148	527742	2738742	0.638	1.405 #
45) L9	AR-1268-5	10.236	8.766	1180277	4875241	0.410	0.870 #

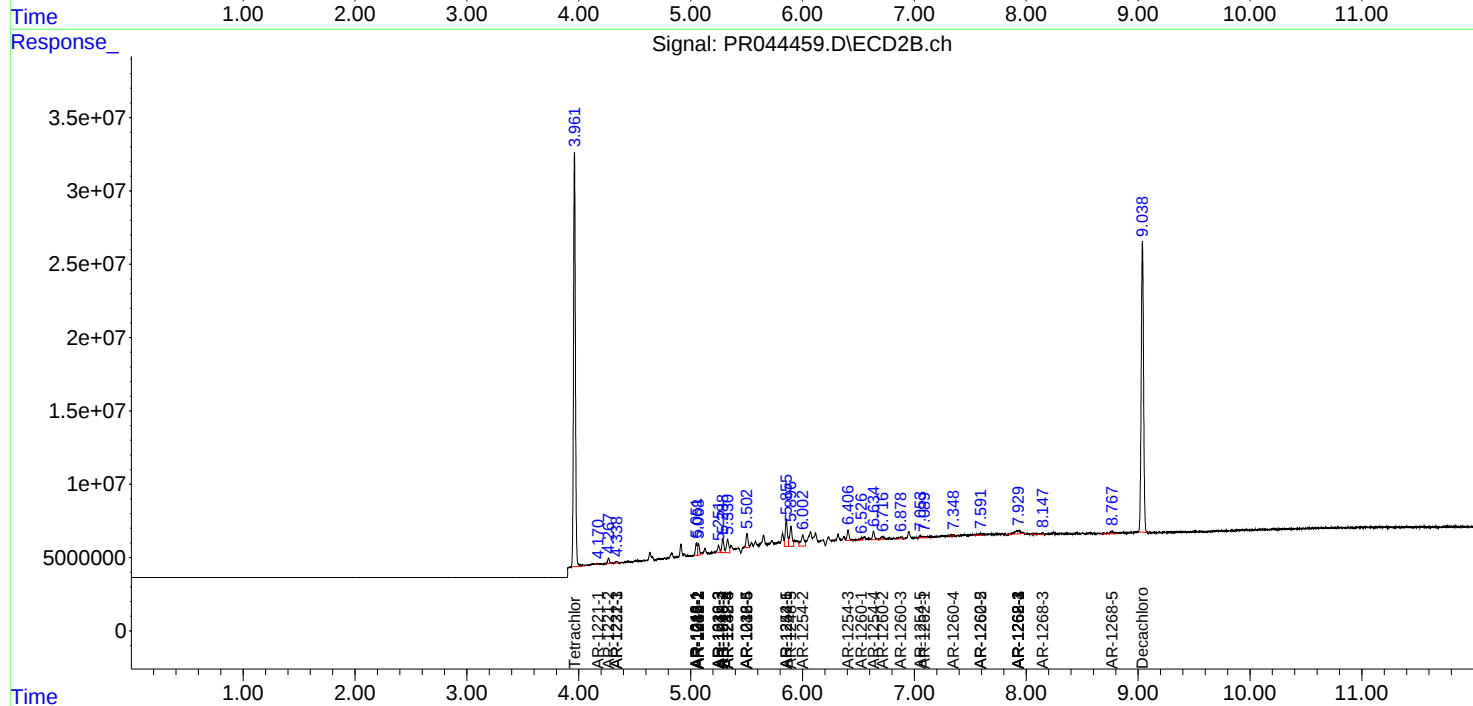
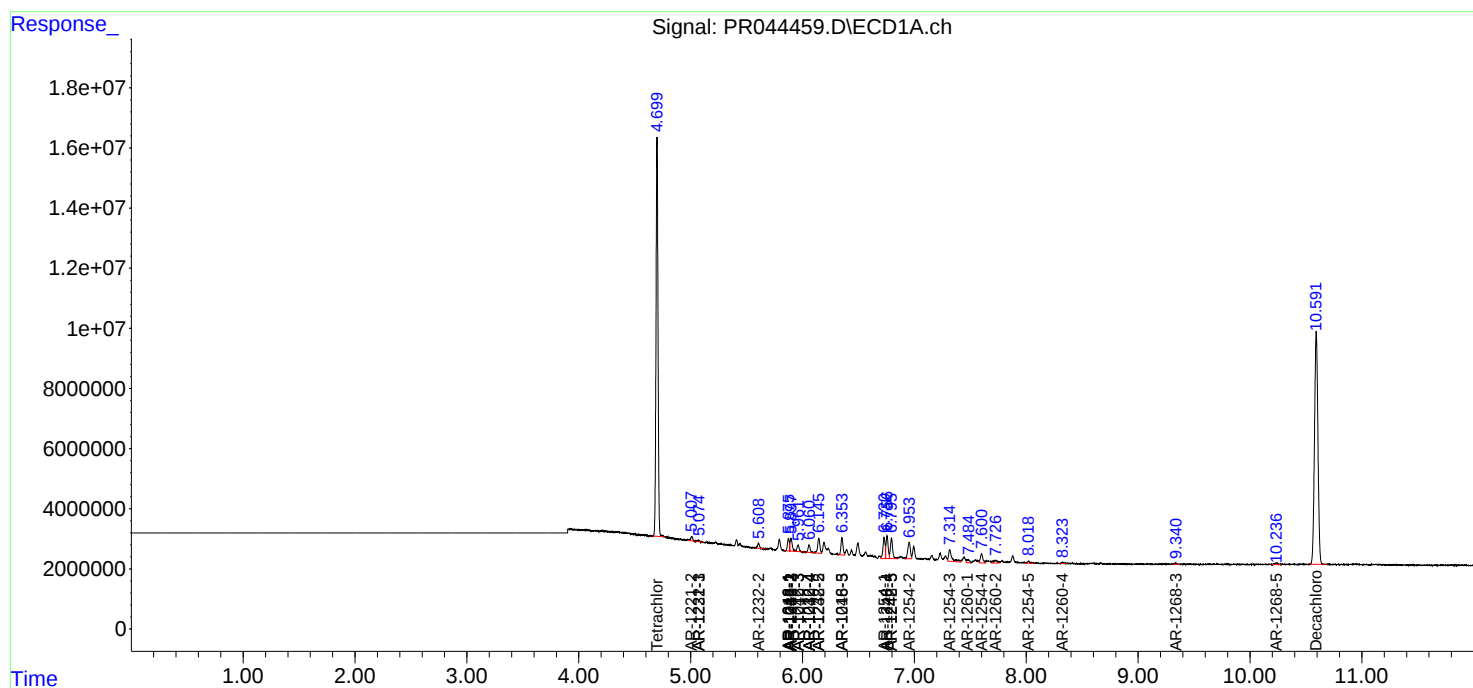
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

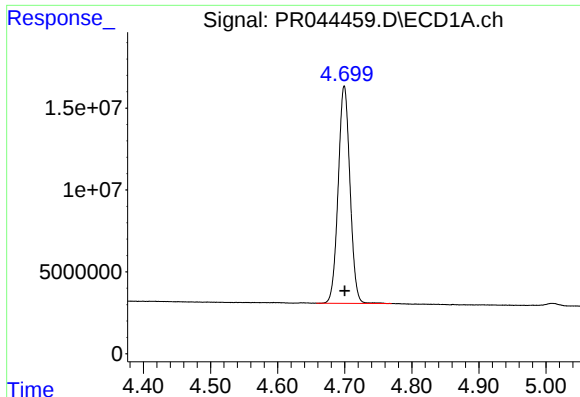
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

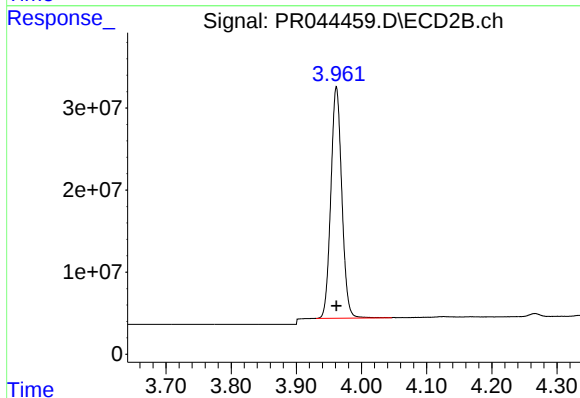




#1 Tetrachloro-m-xylene

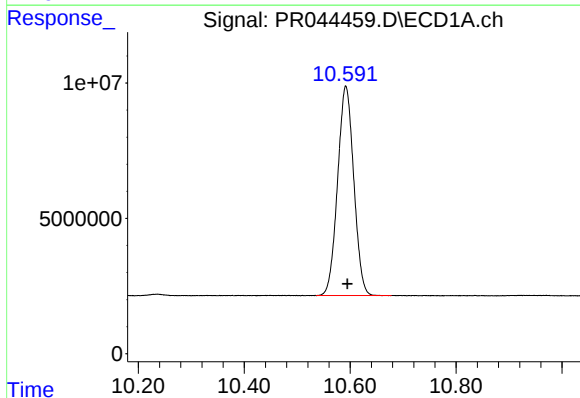
R.T.: 4.699 min
Delta R.T.: 0.000 min
Response: 161955852
Conc: 21.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



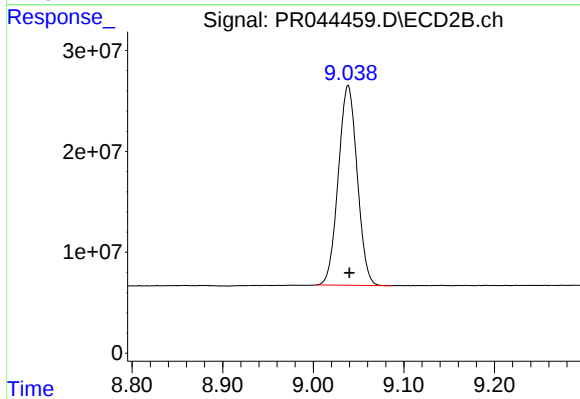
#1 Tetrachloro-m-xylene

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 330480632
Conc: 20.90 ng/ml



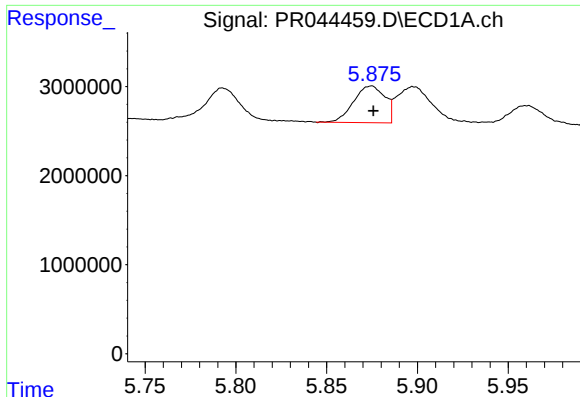
#2 Decachlorobiphenyl

R.T.: 10.592 min
Delta R.T.: -0.003 min
Response: 163958783
Conc: 21.46 ng/ml



#2 Decachlorobiphenyl

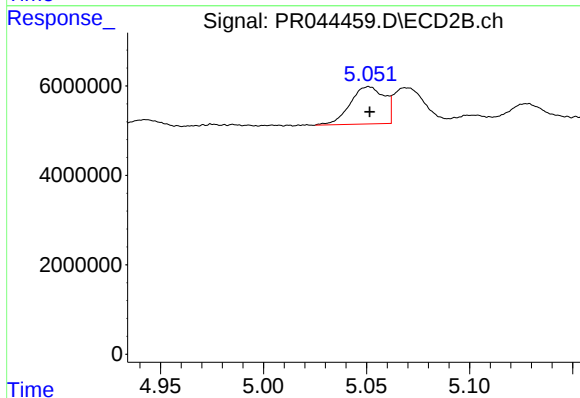
R.T.: 9.039 min
Delta R.T.: -0.002 min
Response: 286870042
Conc: 20.16 ng/ml



#3 AR-1016-1

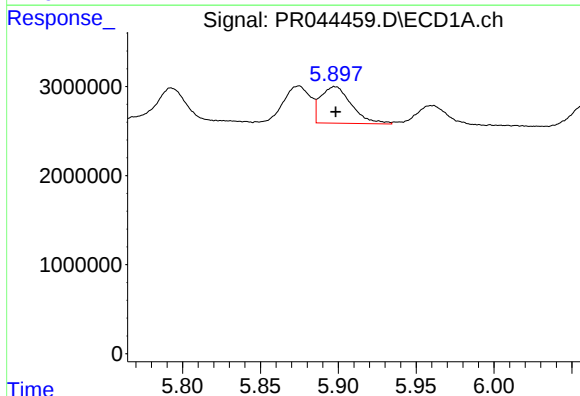
R.T.: 5.874 min
Delta R.T.: -0.001 min
Response: 4941370
Conc: 18.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



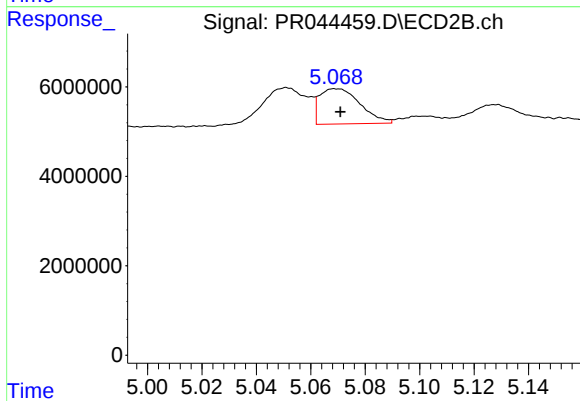
#3 AR-1016-1

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 9636815
Conc: 21.36 ng/ml



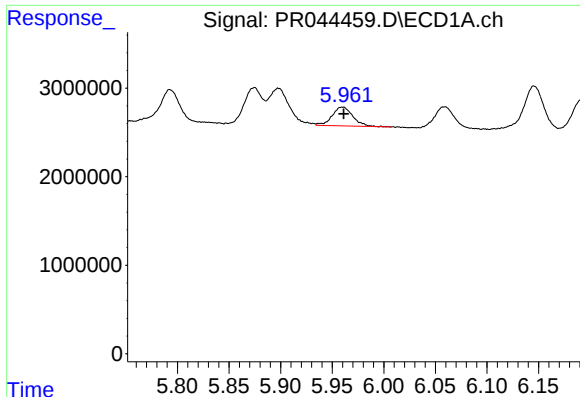
#4 AR-1016-2

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 5680054
Conc: 14.77 ng/ml



#4 AR-1016-2

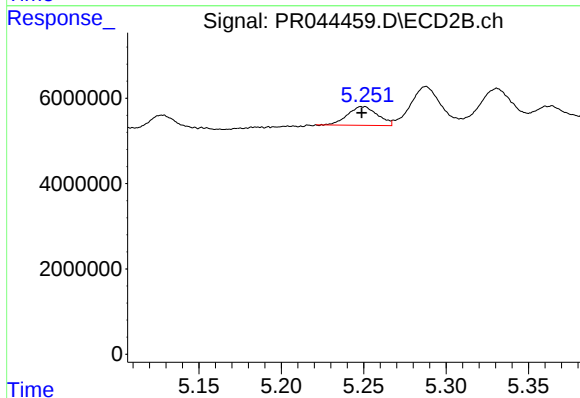
R.T.: 5.069 min
Delta R.T.: -0.001 min
Response: 8216430
Conc: 13.32 ng/ml



#5 AR-1016-3

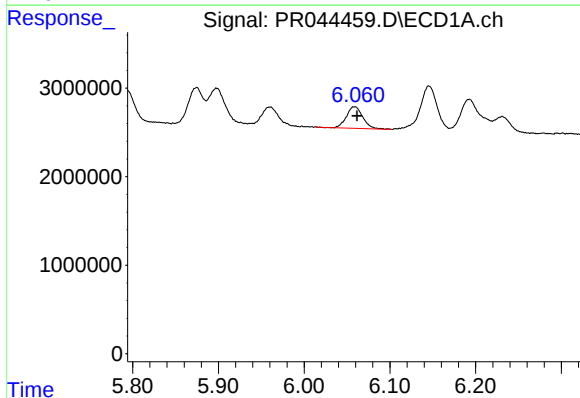
R.T.: 5.960 min
Delta R.T.: -0.001 min
Response: 2963778
Conc: 13.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



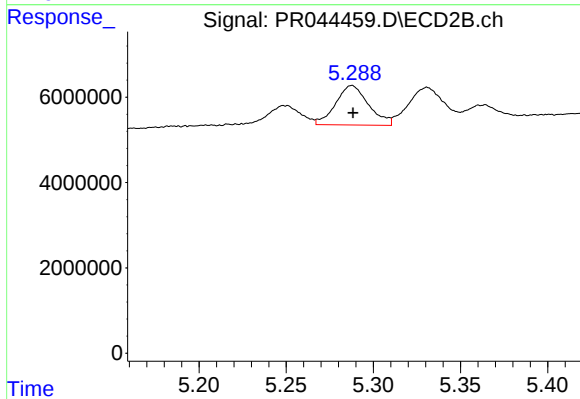
#5 AR-1016-3

R.T.: 5.249 min
Delta R.T.: 0.000 min
Response: 5531656
Conc: 18.20 ng/ml



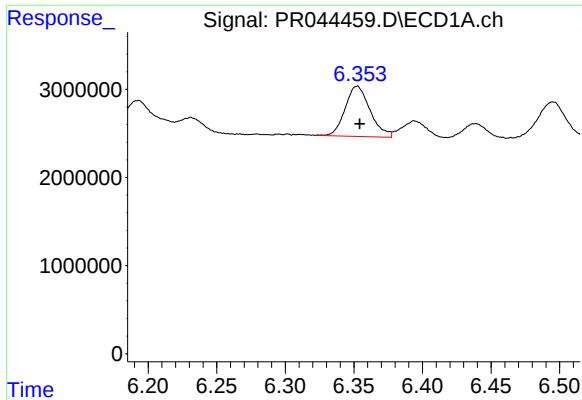
#6 AR-1016-4

R.T.: 6.059 min
Delta R.T.: -0.003 min
Response: 3232707
Conc: 17.02 ng/ml



#6 AR-1016-4

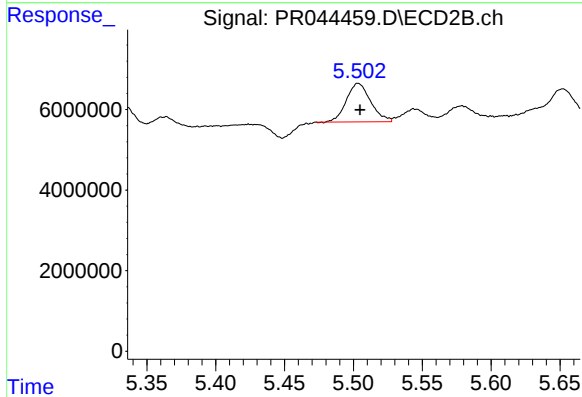
R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 12141486
Conc: 52.89 ng/ml



#7 AR-1016-5

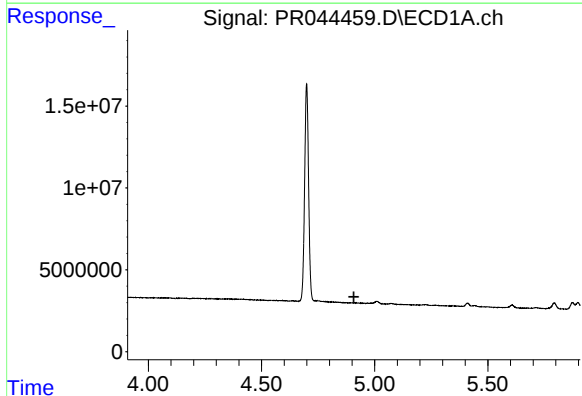
R.T.: 6.352 min
Delta R.T.: -0.002 min
Response: 7205555
Conc: 38.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



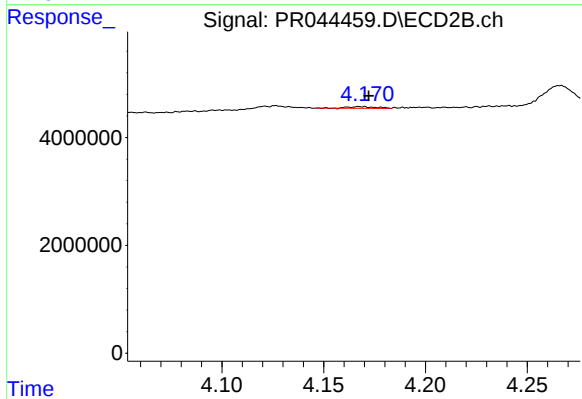
#7 AR-1016-5

R.T.: 5.504 min
Delta R.T.: -0.001 min
Response: 11732133
Conc: 37.31 ng/ml



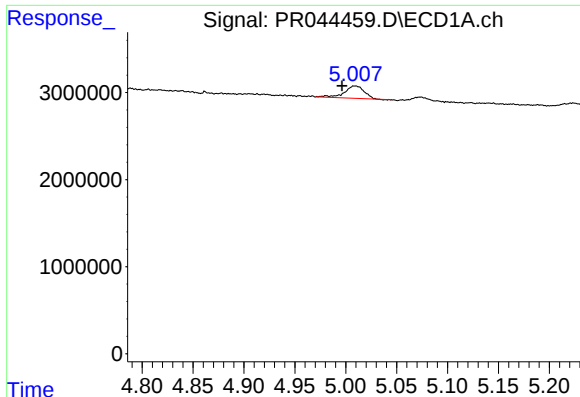
#8 AR-1221-1

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



#8 AR-1221-1

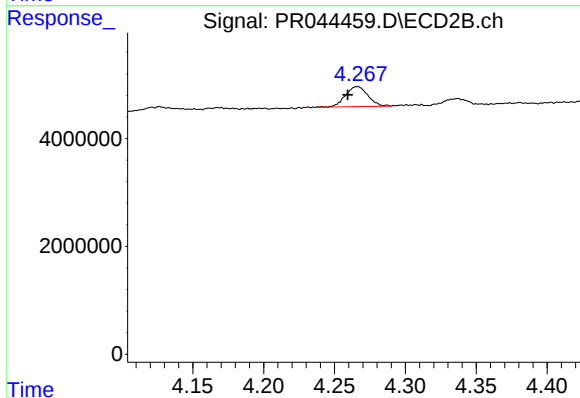
R.T.: 4.168 min
Delta R.T.: -0.004 min
Response: 278625
Conc: 1.67 ng/ml



#9 AR-1221-2

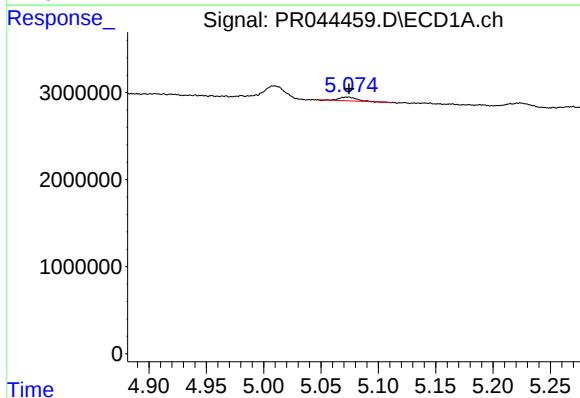
R.T.: 5.009 min
Delta R.T.: 0.012 min
Response: 1905896
Conc: 34.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



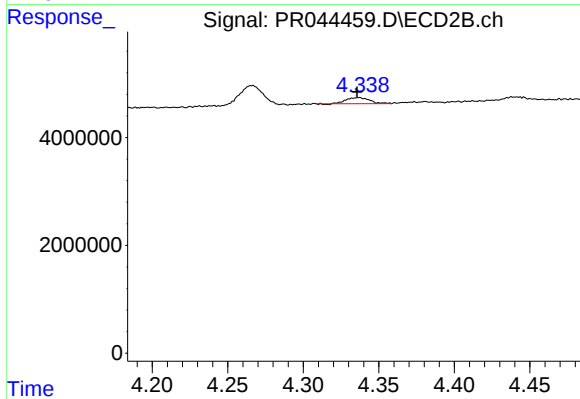
#9 AR-1221-2

R.T.: 4.266 min
Delta R.T.: 0.007 min
Response: 4097784
Conc: 33.24 ng/ml



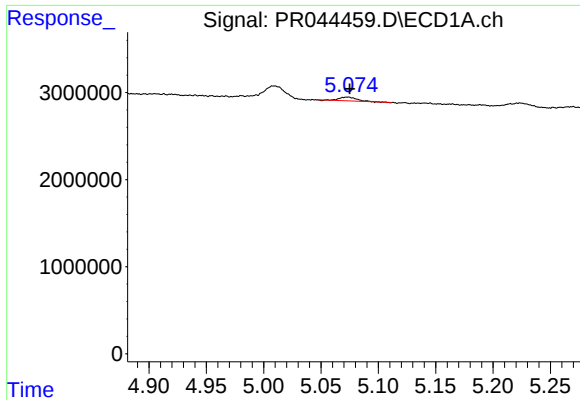
#10 AR-1221-3

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 435679
Conc: 2.46 ng/ml



#10 AR-1221-3

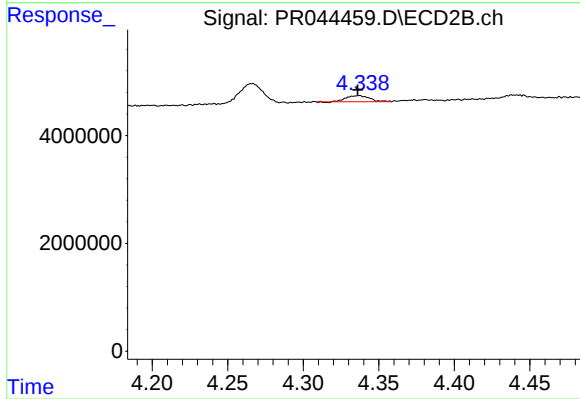
R.T.: 4.337 min
Delta R.T.: 0.001 min
Response: 1174288
Conc: 3.05 ng/ml



#11 AR-1232-1

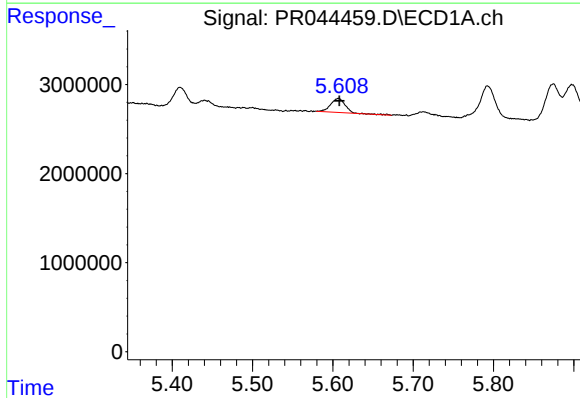
R.T.: 5.073 min
Delta R.T.: -0.002 min
Response: 435679
Conc: 3.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



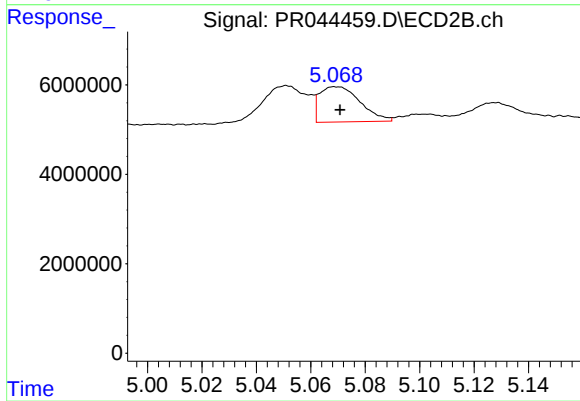
#11 AR-1232-1

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 1174288
Conc: 3.85 ng/ml



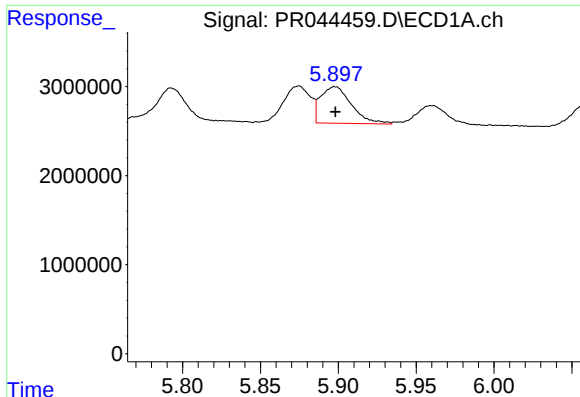
#12 AR-1232-2

R.T.: 5.607 min
Delta R.T.: -0.001 min
Response: 2006171
Conc: 27.20 ng/ml



#12 AR-1232-2

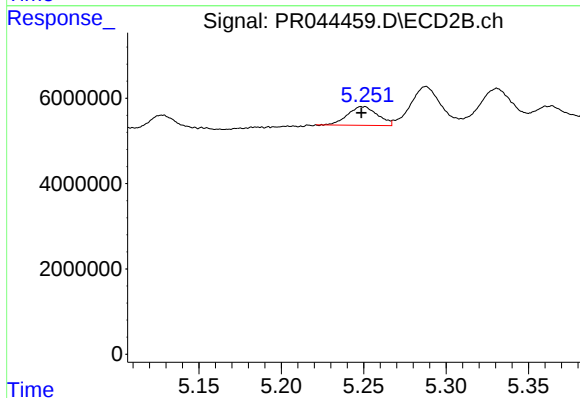
R.T.: 5.069 min
Delta R.T.: -0.001 min
Response: 8216430
Conc: 33.33 ng/ml



#13 AR-1232-3

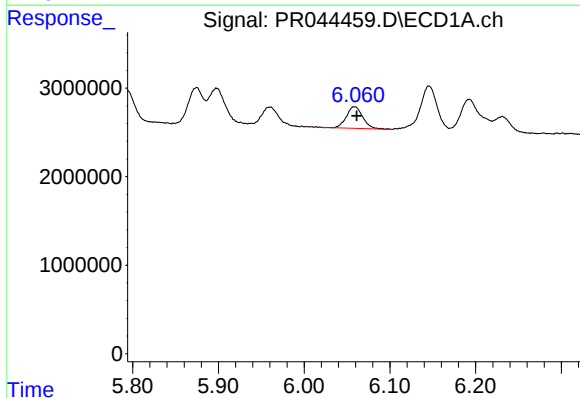
R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 5680054
Conc: 37.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



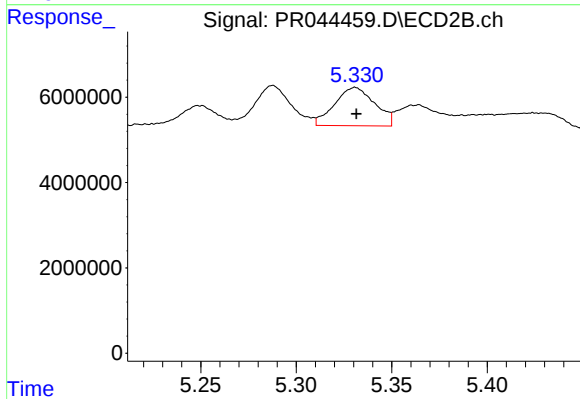
#13 AR-1232-3

R.T.: 5.249 min
Delta R.T.: 0.000 min
Response: 5531656
Conc: 45.87 ng/ml



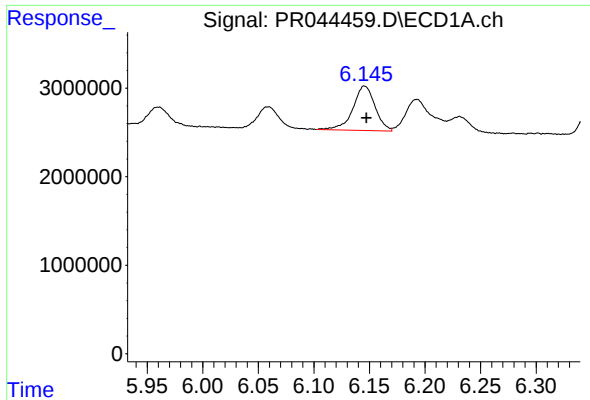
#14 AR-1232-4

R.T.: 6.059 min
Delta R.T.: -0.003 min
Response: 3232707
Conc: 43.47 ng/ml



#14 AR-1232-4

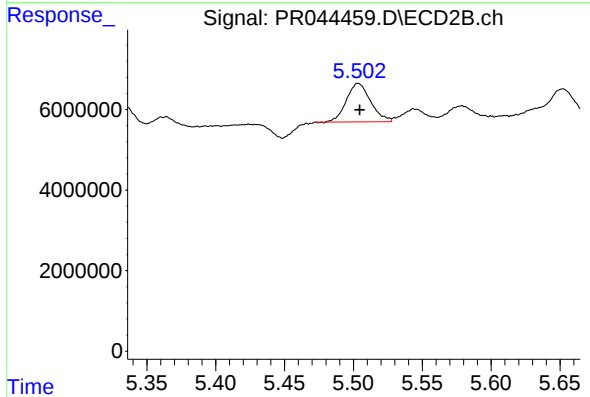
R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 13138733
Conc: 134.23 ng/ml



#15 AR-1232-5

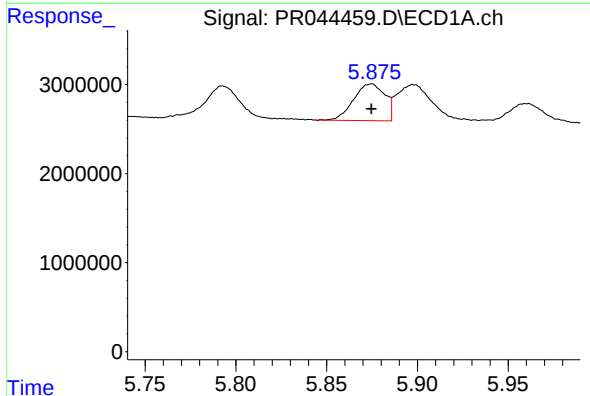
R.T.: 6.146 min
Delta R.T.: -0.002 min
Response: 6996881
Conc: 126.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



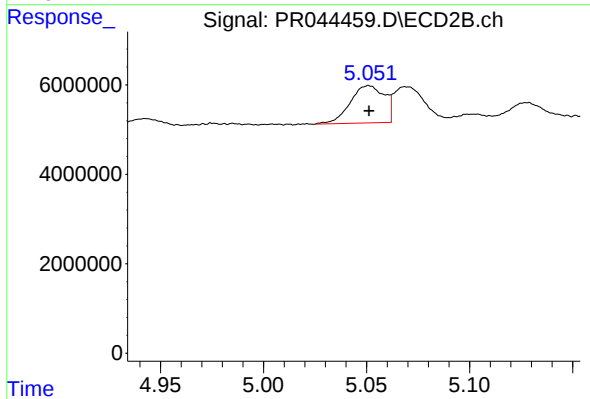
#15 AR-1232-5

R.T.: 5.504 min
Delta R.T.: -0.001 min
Response: 11732133
Conc: 104.44 ng/ml



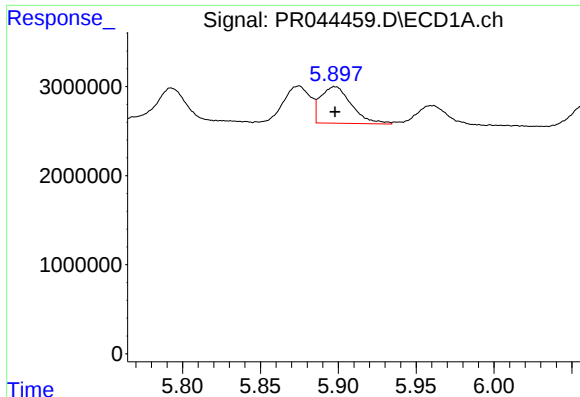
#16 AR-1242-1

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 4941370
Conc: 25.70 ng/ml



#16 AR-1242-1

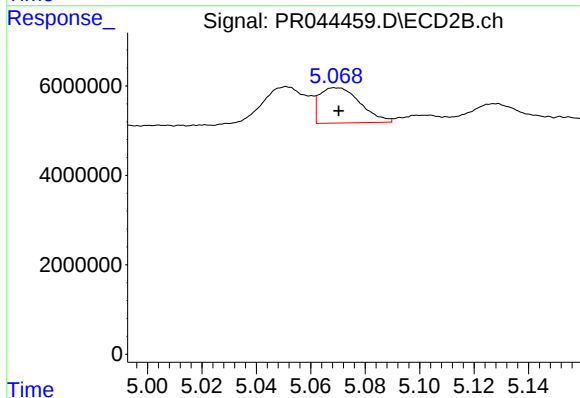
R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 9636815
Conc: 30.91 ng/ml



#17 AR-1242-2

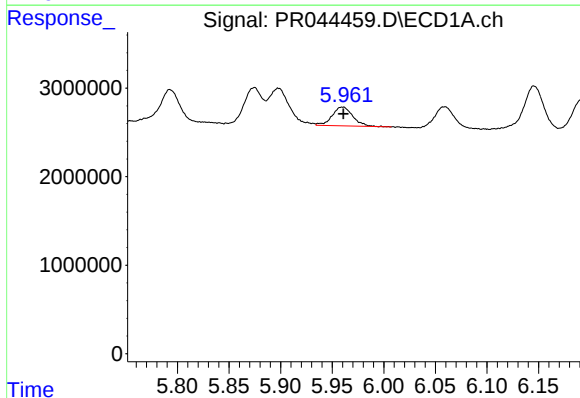
R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 5680054
Conc: 20.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



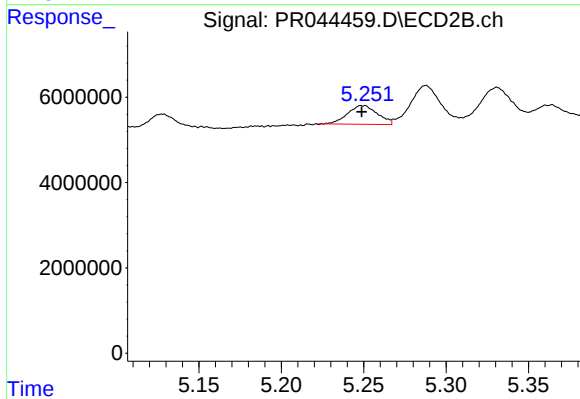
#17 AR-1242-2

R.T.: 5.069 min
Delta R.T.: 0.000 min
Response: 8216430
Conc: 19.23 ng/ml



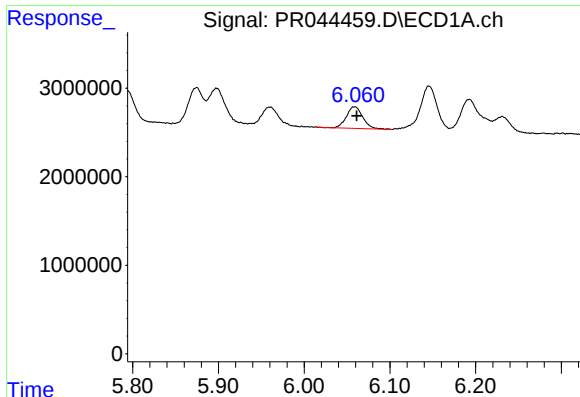
#18 AR-1242-3

R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 2963778
Conc: 18.28 ng/ml



#18 AR-1242-3

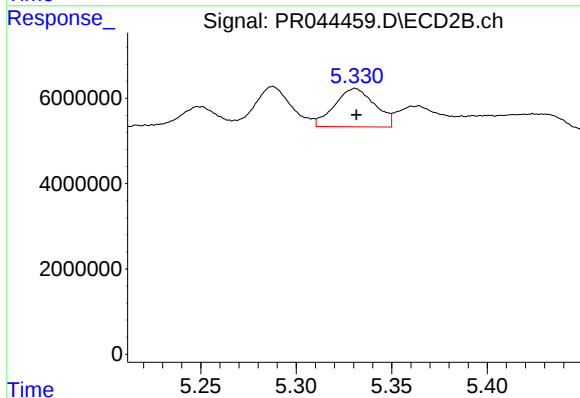
R.T.: 5.249 min
Delta R.T.: 0.000 min
Response: 5531656
Conc: 26.03 ng/ml



#19 AR-1242-4

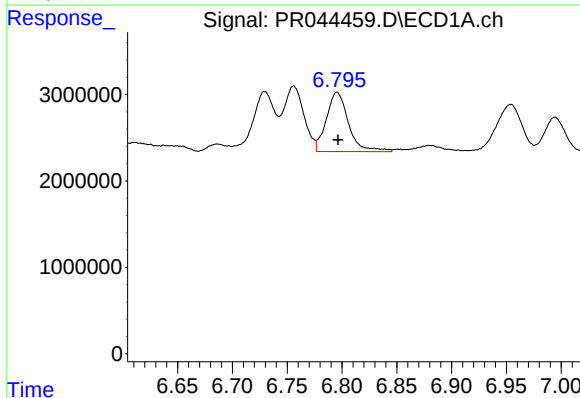
R.T.: 6.059 min
Delta R.T.: -0.002 min
Response: 3232707
Conc: 23.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



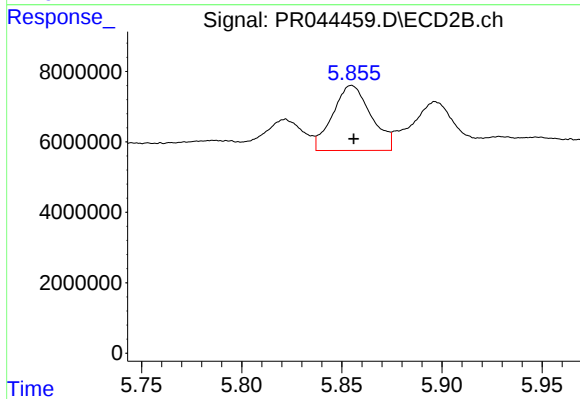
#19 AR-1242-4

R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 13138733
Conc: 68.17 ng/ml



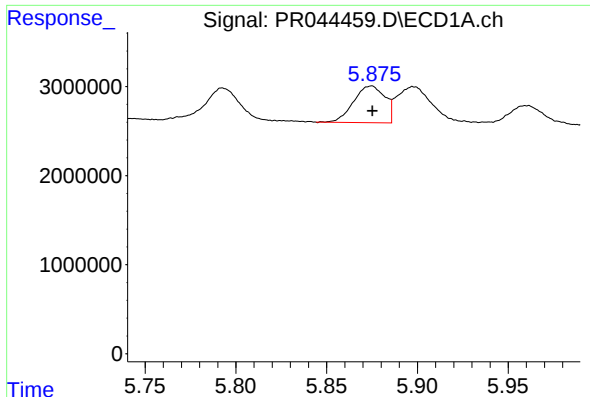
#20 AR-1242-5

R.T.: 6.795 min
Delta R.T.: 0.000 min
Response: 9680120
Conc: 63.43 ng/ml



#20 AR-1242-5

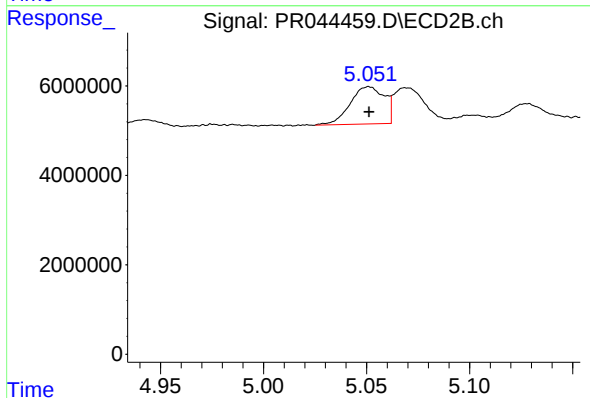
R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 24641295
Conc: 79.83 ng/ml



#21 AR-1248-1

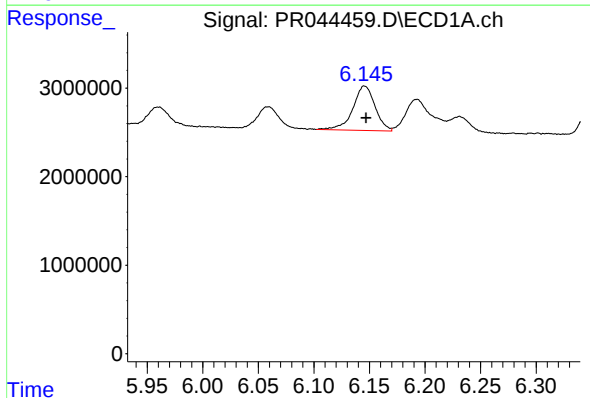
R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 4941370
Conc: 32.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



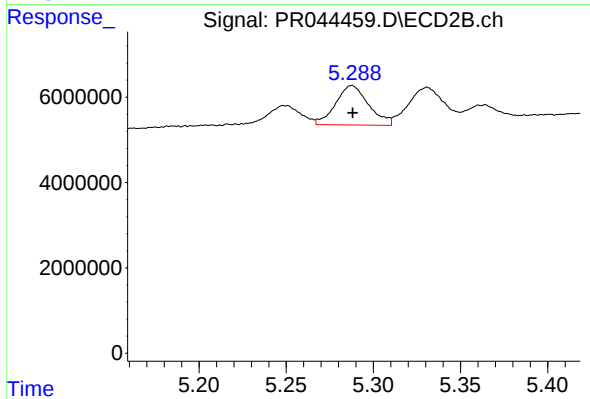
#21 AR-1248-1

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 9636815
Conc: 38.20 ng/ml



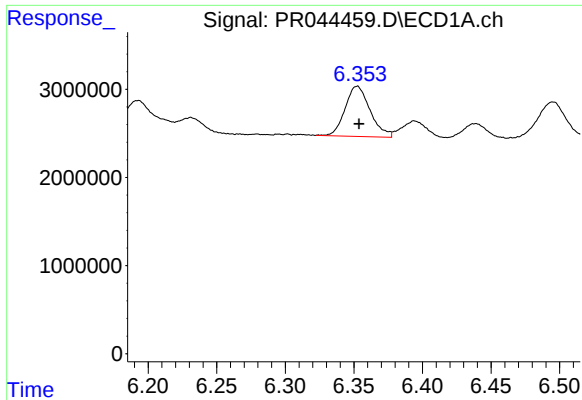
#22 AR-1248-2

R.T.: 6.146 min
Delta R.T.: -0.001 min
Response: 6996881
Conc: 34.32 ng/ml



#22 AR-1248-2

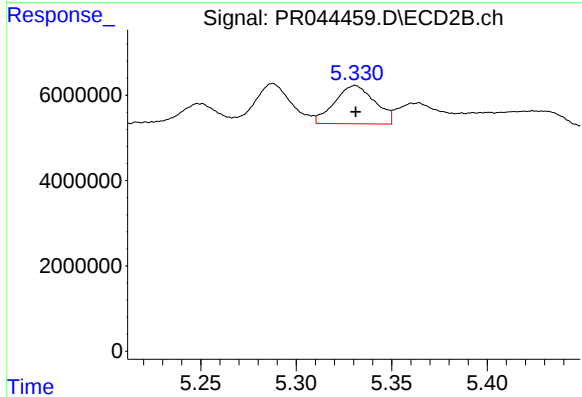
R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 12141486
Conc: 44.32 ng/ml



#23 AR-1248-3

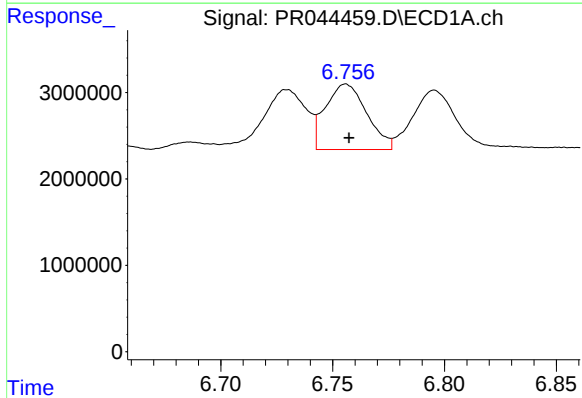
R.T.: 6.352 min
Delta R.T.: -0.001 min
Response: 7205555
Conc: 31.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



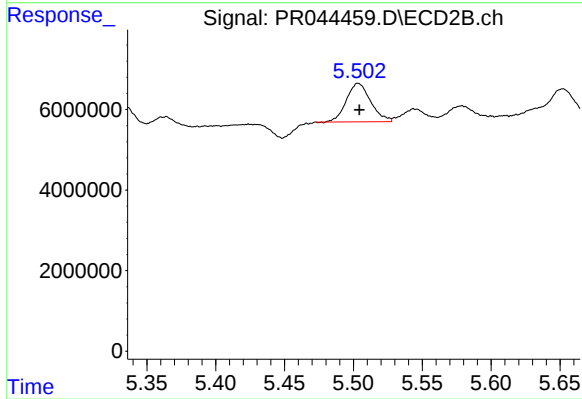
#23 AR-1248-3

R.T.: 5.331 min
Delta R.T.: 0.000 min
Response: 13138733
Conc: 46.85 ng/ml



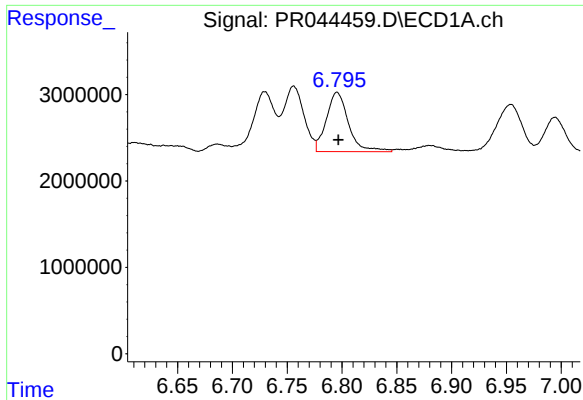
#24 AR-1248-4

R.T.: 6.756 min
Delta R.T.: -0.001 min
Response: 9752492
Conc: 36.02 ng/ml



#24 AR-1248-4

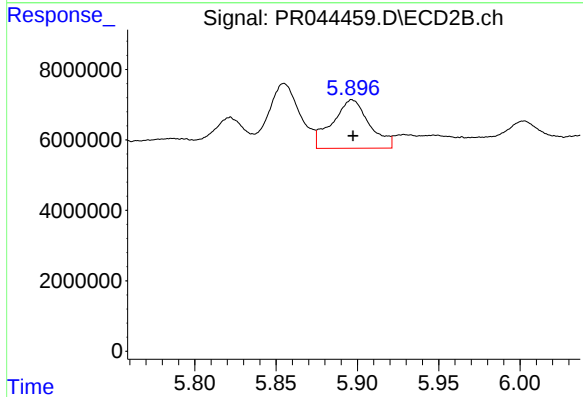
R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 11732133
Conc: 32.47 ng/ml



#25 AR-1248-5

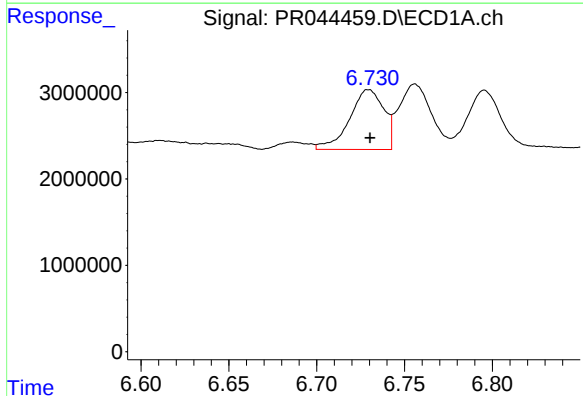
R.T.: 6.795 min
Delta R.T.: -0.001 min
Response: 9680120
Conc: 37.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



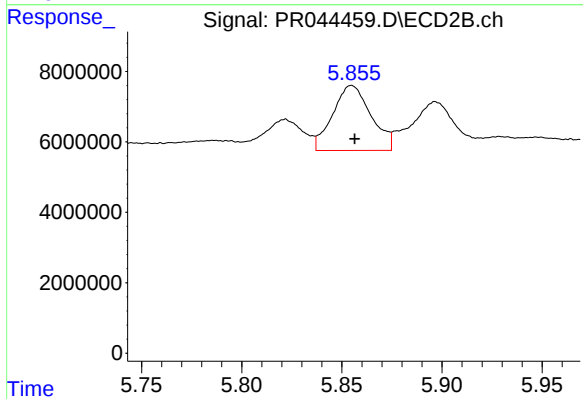
#25 AR-1248-5

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 21824532
Conc: 52.05 ng/ml



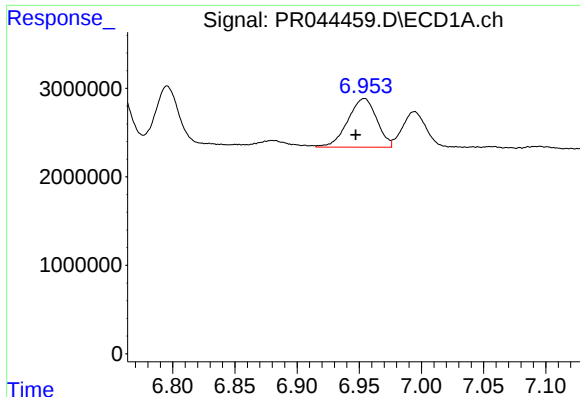
#26 AR-1254-1

R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 9385594
Conc: 35.81 ng/ml



#26 AR-1254-1

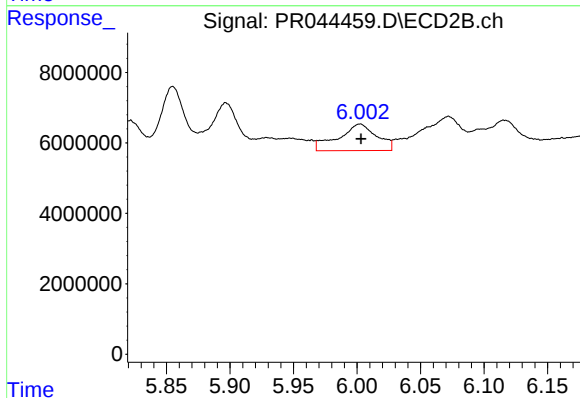
R.T.: 5.855 min
Delta R.T.: -0.001 min
Response: 24641295
Conc: 39.70 ng/ml



#27 AR-1254-2

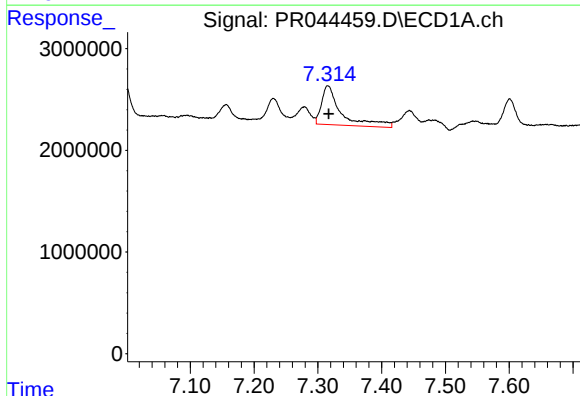
R.T.: 6.954 min
Delta R.T.: 0.007 min
Response: 8920368
Conc: 21.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



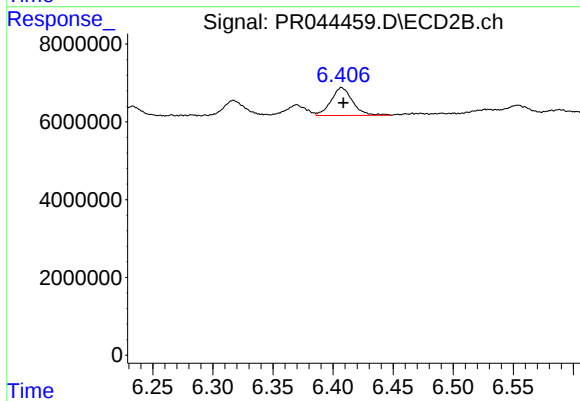
#27 AR-1254-2

R.T.: 6.002 min
Delta R.T.: 0.000 min
Response: 15841697
Conc: 28.50 ng/ml



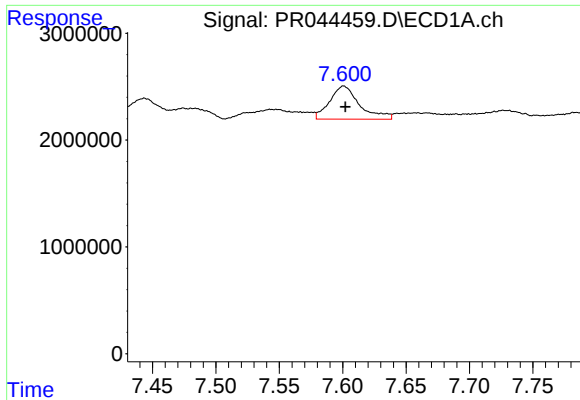
#28 AR-1254-3

R.T.: 7.316 min
Delta R.T.: -0.001 min
Response: 8183991
Conc: 18.59 ng/ml



#28 AR-1254-3

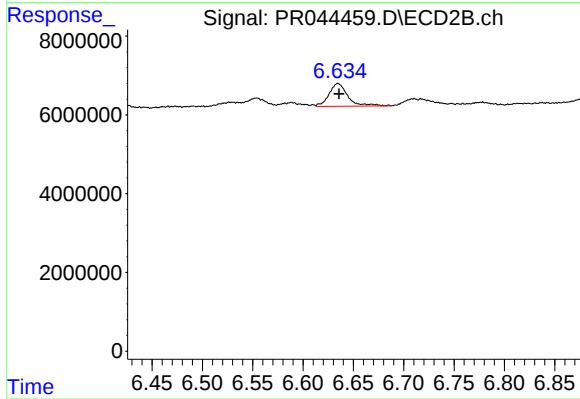
R.T.: 6.407 min
Delta R.T.: -0.001 min
Response: 8880121
Conc: 9.38 ng/ml



#29 AR-1254-4

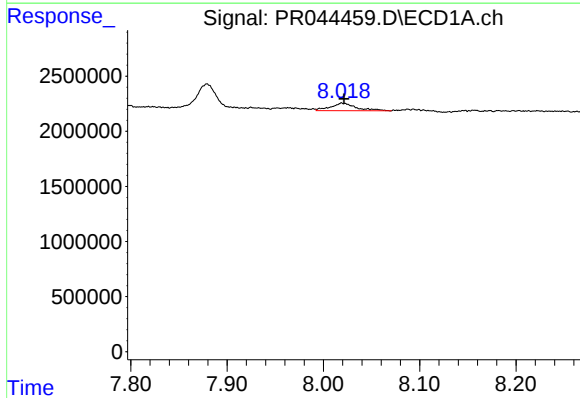
R.T.: 7.601 min
Delta R.T.: -0.001 min
Response: 5076334
Conc: 15.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



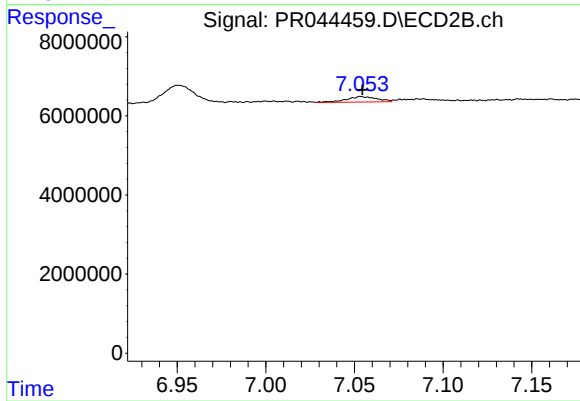
#29 AR-1254-4

R.T.: 6.635 min
Delta R.T.: -0.001 min
Response: 7524861
Conc: 10.44 ng/ml



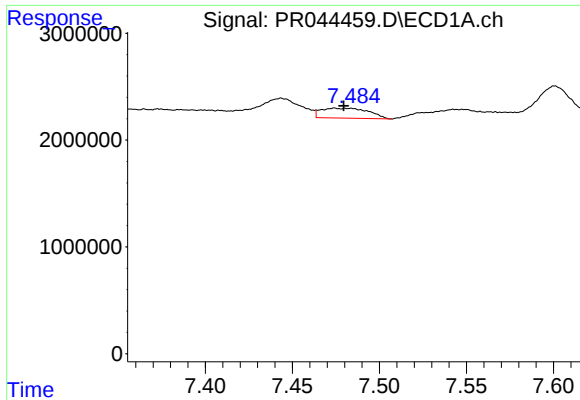
#30 AR-1254-5

R.T.: 8.019 min
Delta R.T.: -0.002 min
Response: 1284506
Conc: 3.61 ng/ml



#30 AR-1254-5

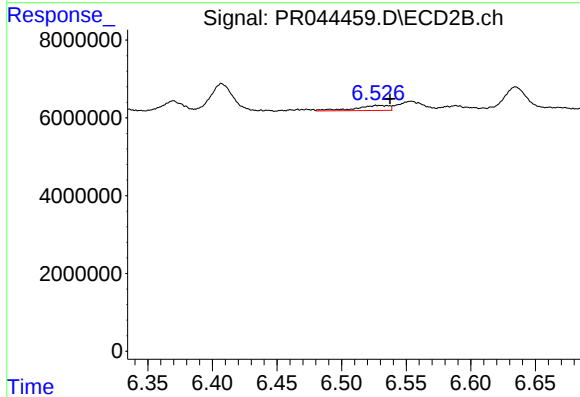
R.T.: 7.054 min
Delta R.T.: 0.000 min
Response: 1685030
Conc: 1.97 ng/ml



#31 AR-1260-1

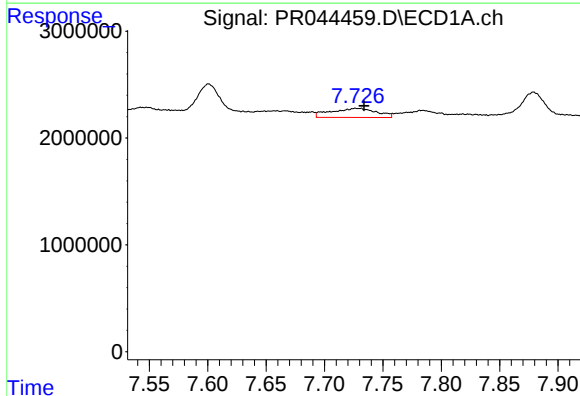
R.T.: 7.474 min
Delta R.T.: -0.005 min
Response: 1752184
Conc: 5.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



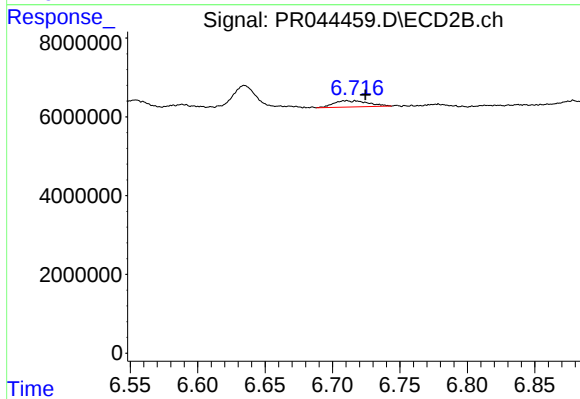
#31 AR-1260-1

R.T.: 6.529 min
Delta R.T.: -0.009 min
Response: 2350811
Conc: 3.45 ng/ml



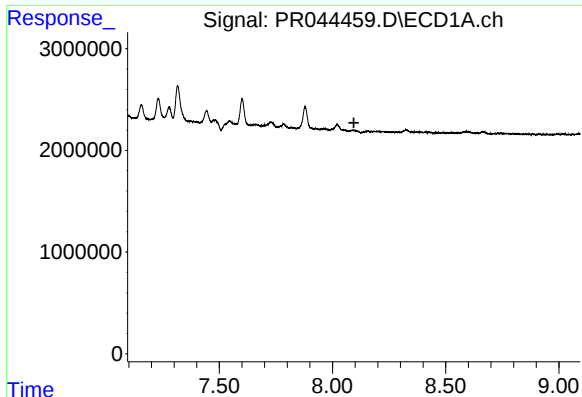
#32 AR-1260-2

R.T.: 7.727 min
Delta R.T.: -0.007 min
Response: 2298164
Conc: 5.63 ng/ml



#32 AR-1260-2

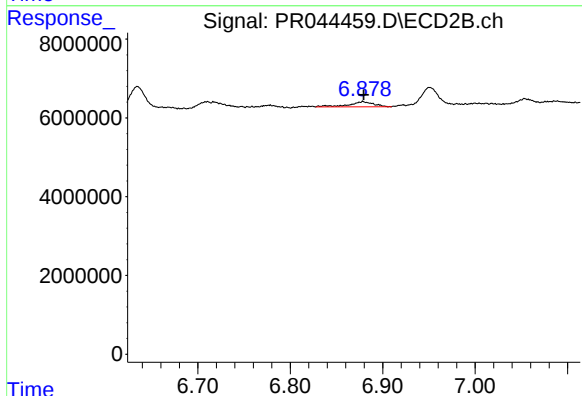
R.T.: 6.710 min
Delta R.T.: -0.014 min
Response: 2805364
Conc: 2.81 ng/ml



#33 AR-1260-3

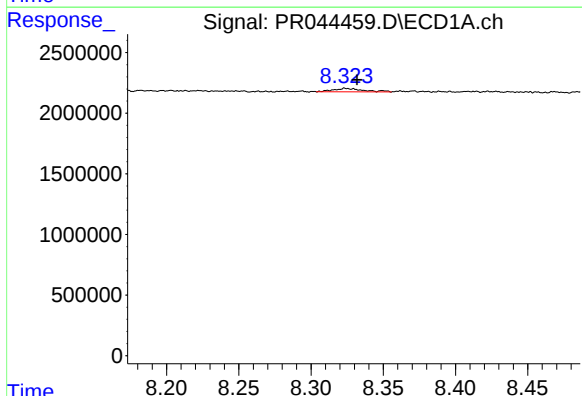
R.T.: 0.000 min
Exp R.T.: 8.094 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



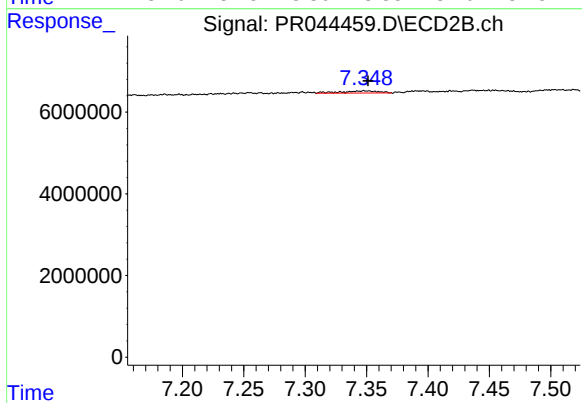
#33 AR-1260-3

R.T.: 6.879 min
Delta R.T.: 0.000 min
Response: 2419595
Conc: 2.98 ng/ml



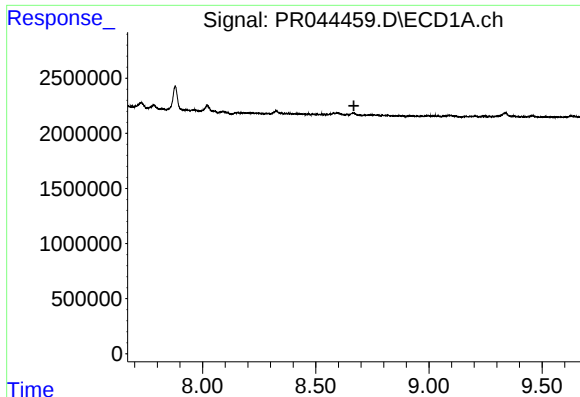
#34 AR-1260-4

R.T.: 8.324 min
Delta R.T.: -0.008 min
Response: 417443
Conc: 1.14 ng/ml



#34 AR-1260-4

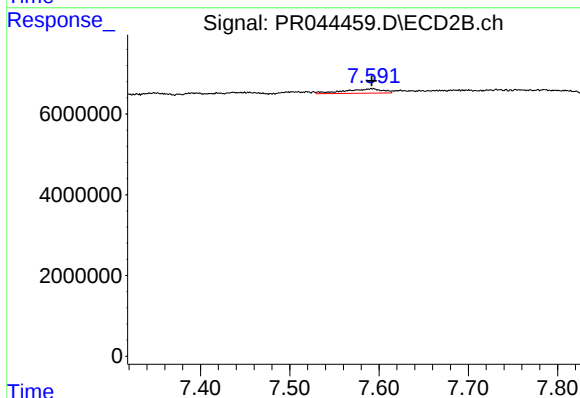
R.T.: 7.348 min
Delta R.T.: -0.003 min
Response: 1067925
Conc: 1.48 ng/ml



#35 AR-1260-5

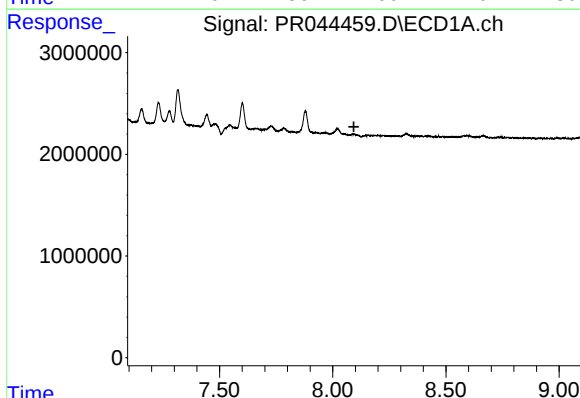
R.T.: 0.000 min
Exp R.T.: 8.669 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



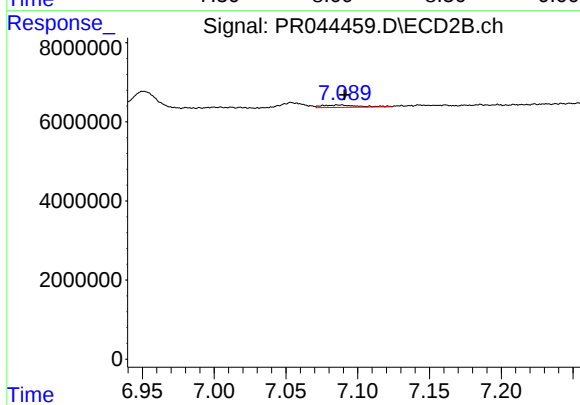
#35 AR-1260-5

R.T.: 7.593 min
Delta R.T.: 0.001 min
Response: 3205228
Conc: 1.48 ng/ml



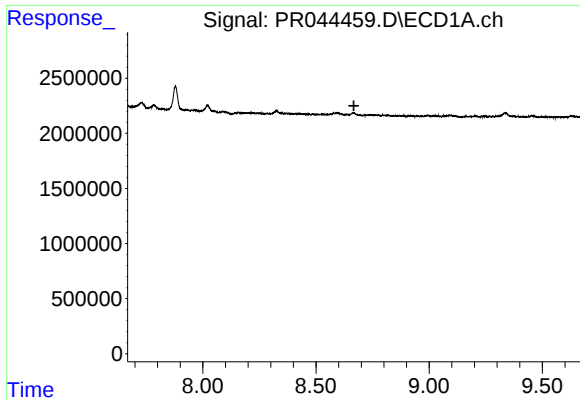
#36 AR-1262-1

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



#36 AR-1262-1

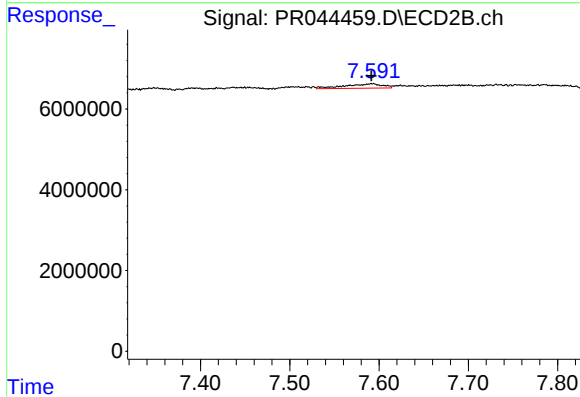
R.T.: 7.088 min
Delta R.T.: -0.003 min
Response: 1083562
Conc: 0.90 ng/ml



#37 AR-1262-2

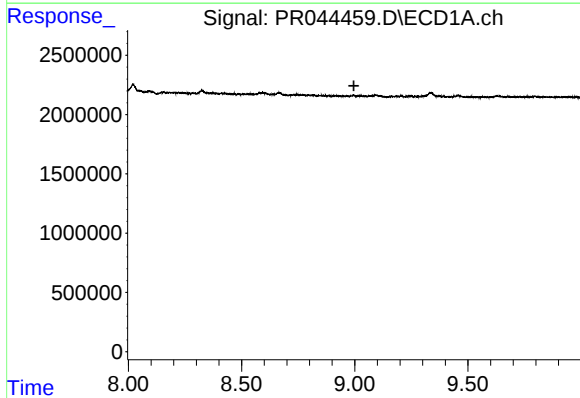
R.T.: 0.000 min
Exp R.T. : 8.668 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



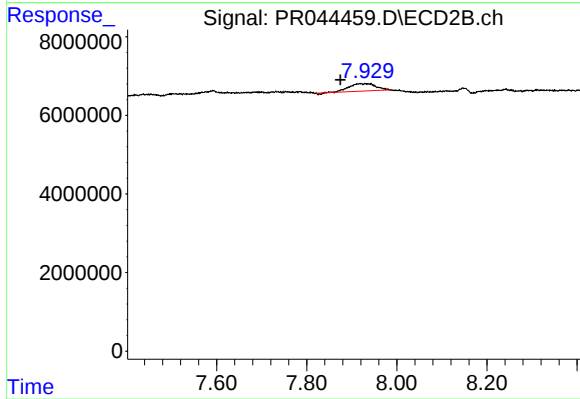
#37 AR-1262-2

R.T.: 7.593 min
Delta R.T.: 0.001 min
Response: 3205228
Conc: 1.44 ng/ml



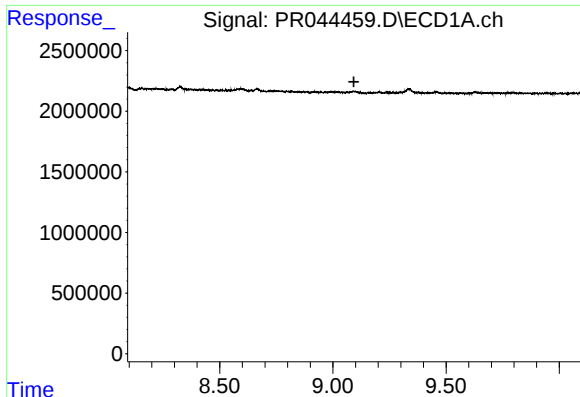
#38 AR-1262-3

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



#38 AR-1262-3

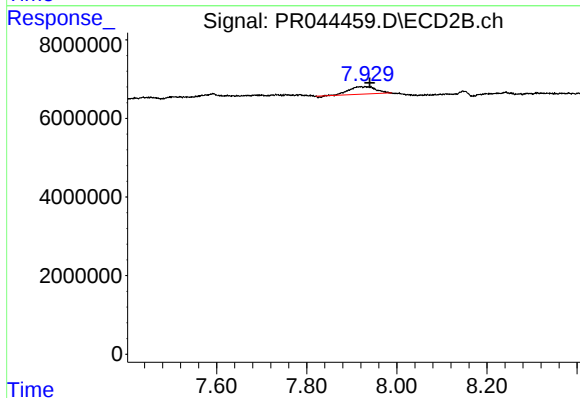
R.T.: 7.932 min
Delta R.T.: 0.057 min
Response: 7732164
Conc: 8.74 ng/ml



#39 AR-1262-4

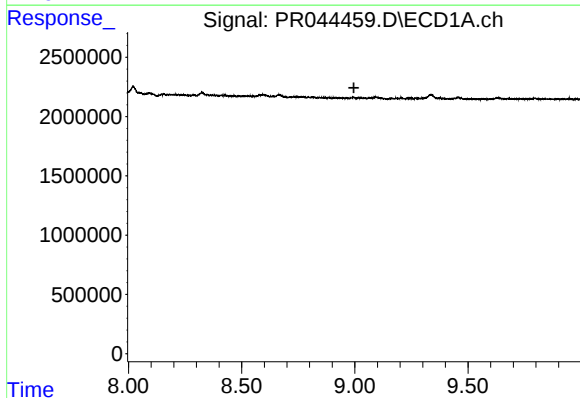
R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



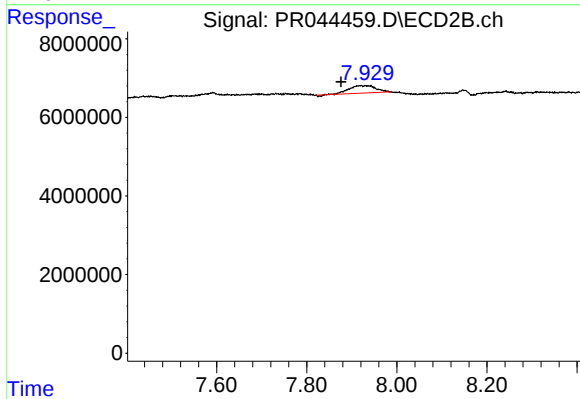
#39 AR-1262-4

R.T.: 7.932 min
Delta R.T.: -0.009 min
Response: 7732164
Conc: 5.26 ng/ml



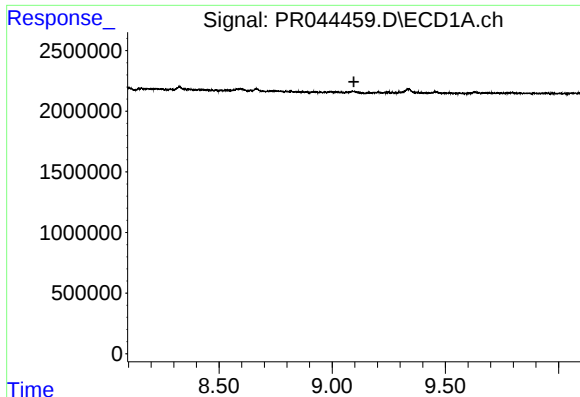
#41 AR-1268-1

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



#41 AR-1268-1

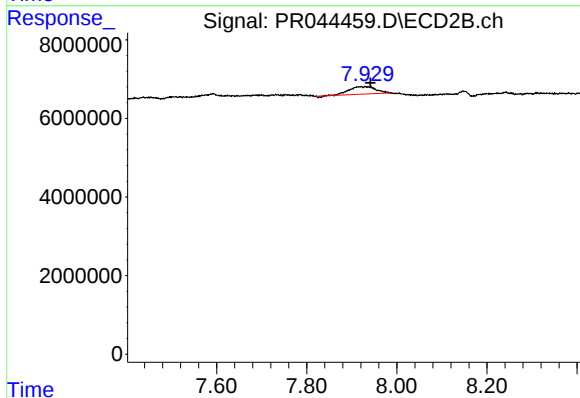
R.T.: 7.932 min
Delta R.T.: 0.056 min
Response: 7732164
Conc: 2.89 ng/ml



#42 AR-1268-2

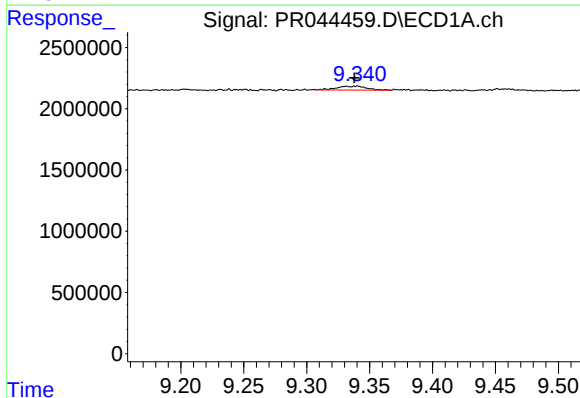
R.T.: 0.000 min
Exp R.T.: 9.096 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



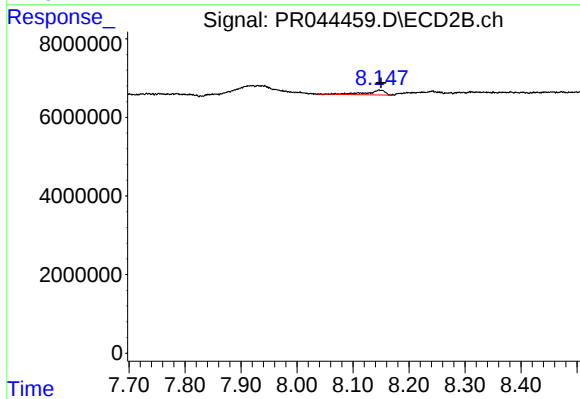
#42 AR-1268-2

R.T.: 7.932 min
Delta R.T.: -0.010 min
Response: 7732164
Conc: 3.38 ng/ml



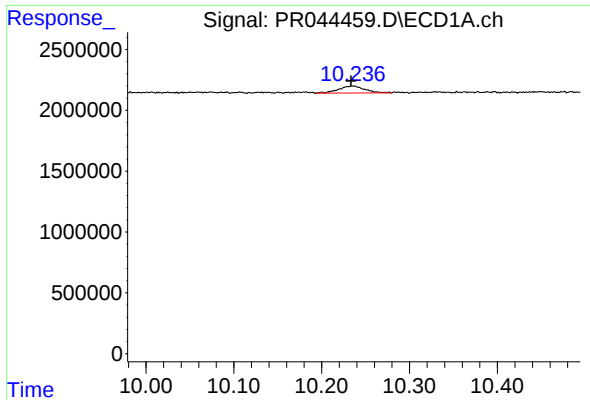
#43 AR-1268-3

R.T.: 9.340 min
Delta R.T.: 0.002 min
Response: 527742
Conc: 0.64 ng/ml



#43 AR-1268-3

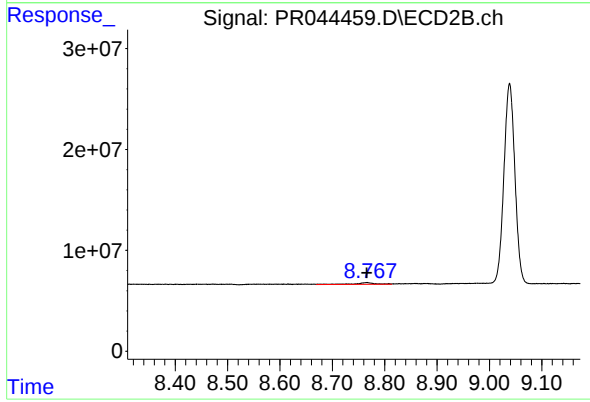
R.T.: 8.148 min
Delta R.T.: -0.002 min
Response: 2738742
Conc: 1.41 ng/ml



#45 AR-1268-5

R.T.: 10.236 min
Delta R.T.: 0.003 min
Response: 1180277
Conc: 0.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.766 min
Delta R.T.: 0.000 min
Response: 4875241
Conc: 0.87 ng/ml