

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR012020\
 Data File : PR044413.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jan 2020 01:28
 Operator : DD\AJ
 Sample : L1161-08
 Misc : AR1242 LOQ 50 PPB
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 03:25:29 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	155.4E6	316.5E6	20.956	20.013
2)	SA Decachlor...	10.592	9.038	167.9E6	292.8E6	21.973	20.573
Target Compounds							
3)	L1 AR-1016-1	5.874	5.051	13868555	22701818	50.995	50.323
4)	L1 AR-1016-2	5.897	5.070	19055307	30435245	49.536	49.346
5)	L1 AR-1016-3	5.960	5.248	11424951	14425120	50.346	47.465
6)	L1 AR-1016-4	6.060	5.288	9434262	11035718	49.663	48.074
7)	L1 AR-1016-5	6.353	5.504	9212605	14759714	49.768	46.934
8)	L2 AR-1221-1	4.900	4.169	870820	2520678	11.846	15.137 #
9)	L2 AR-1221-2	5.006	4.263	2787064	6601420	50.870	53.542
10)	L2 AR-1221-3	5.074	4.335	6506075	14423797	36.676	37.426
11)	L3 AR-1232-1	5.074	4.335	6506075	14423797	46.400	47.298
12)	L3 AR-1232-2	5.607	5.070	9323654	30435245	126.432	123.449
13)	L3 AR-1232-3	5.897	5.248	19055307	14425120	126.928	119.621
14)	L3 AR-1232-4	6.060	5.330	9434262	13461255	126.849	137.528
15)	L3 AR-1232-5	6.146	5.504	8382150	14759714	151.617	131.387
16)	L4 AR-1242-1	5.874	5.051	13868555	22701818	72.133	72.822
17)	L4 AR-1242-2	5.897	5.070	19055307	30435245	70.057	71.231
18)	L4 AR-1242-3	5.960	5.248	11424951	14425120	70.457	67.879
19)	L4 AR-1242-4	6.060	5.330	9434262	13461255	69.561	69.848
20)	L4 AR-1242-5	6.796	5.855	10992600	22643266	72.027	73.361
21)	L5 AR-1248-1	5.874	5.051	13868555	22701818	91.445	89.985
22)	L5 AR-1248-2	6.146	5.288	8382150	11035718	41.118	40.281
23)	L5 AR-1248-3	6.353	5.330	9212605	13461255	40.460	48.001
24)	L5 AR-1248-4	6.757	5.504	10711819	14759714	39.568	40.846
25)	L5 AR-1248-5	6.796	5.897	10992600	19614066	42.957	46.774
26)	L6 AR-1254-1	6.729	5.855	7935987	22643266	30.281	36.485
27)	L6 AR-1254-2	6.955	6.002	9169230	7392635	22.535	13.302 #
28)	L6 AR-1254-3	7.316	6.408	4195814	7251798	9.530	7.663
29)	L6 AR-1254-4	7.601	6.636	3003210	9490279	8.897	13.172 #
30)	L6 AR-1254-5	8.020	7.056	834016	1803809	2.344	2.112
31)	L7 AR-1260-1	7.442	6.522	1712195	4211272	5.130	6.176
32)	L7 AR-1260-2	7.729	6.718	575339	3169118	1.409	3.173 #
33)	L7 AR-1260-3	0.000	6.878	0	1544955	N.D.	1.905 #
34)	L7 AR-1260-4	0.000	7.332	0	1680746	N.D.	2.330 #
35)	L7 AR-1260-5	0.000	7.576	0	3695368	N.D.	1.709 #
36)	L8 AR-1262-1	0.000	7.086	0	996124	N.D.	0.825 #
37)	L8 AR-1262-2	0.000	7.576	0	3695368	N.D.	1.658 #
38)	L8 AR-1262-3	0.000	7.863	0	330902	N.D.	0.374 #
39)	L8 AR-1262-4	0.000	7.941	0	483038	N.D.	0.329 #
41)	L9 AR-1268-1	0.000	7.863	0	330902	N.D.	0.124 #
42)	L9 AR-1268-2	0.000	7.941	0	483038	N.D.	0.211 #

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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	9.335	8.147	562831	2724767	0.680	1.398 #
45) L9	AR-1268-5	10.235	8.765	1216039	2688683	0.423	0.480

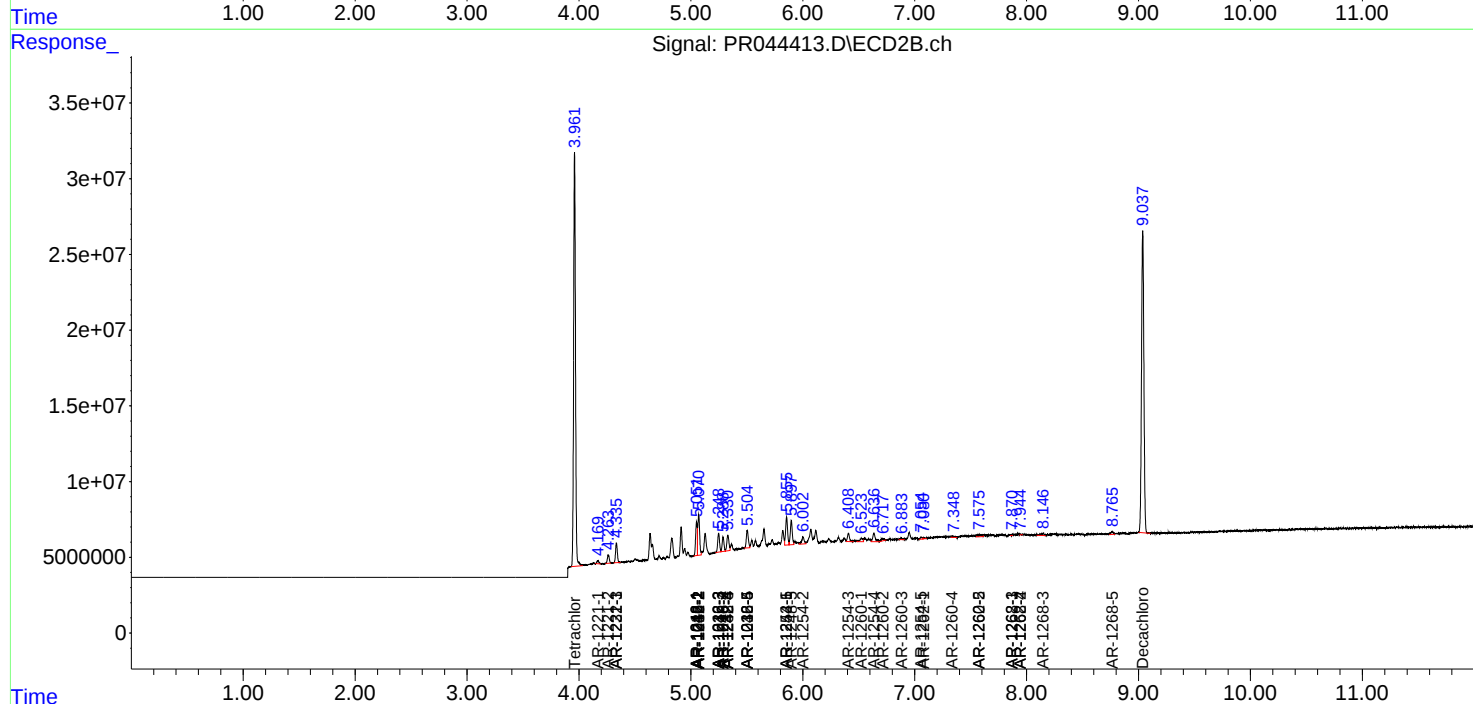
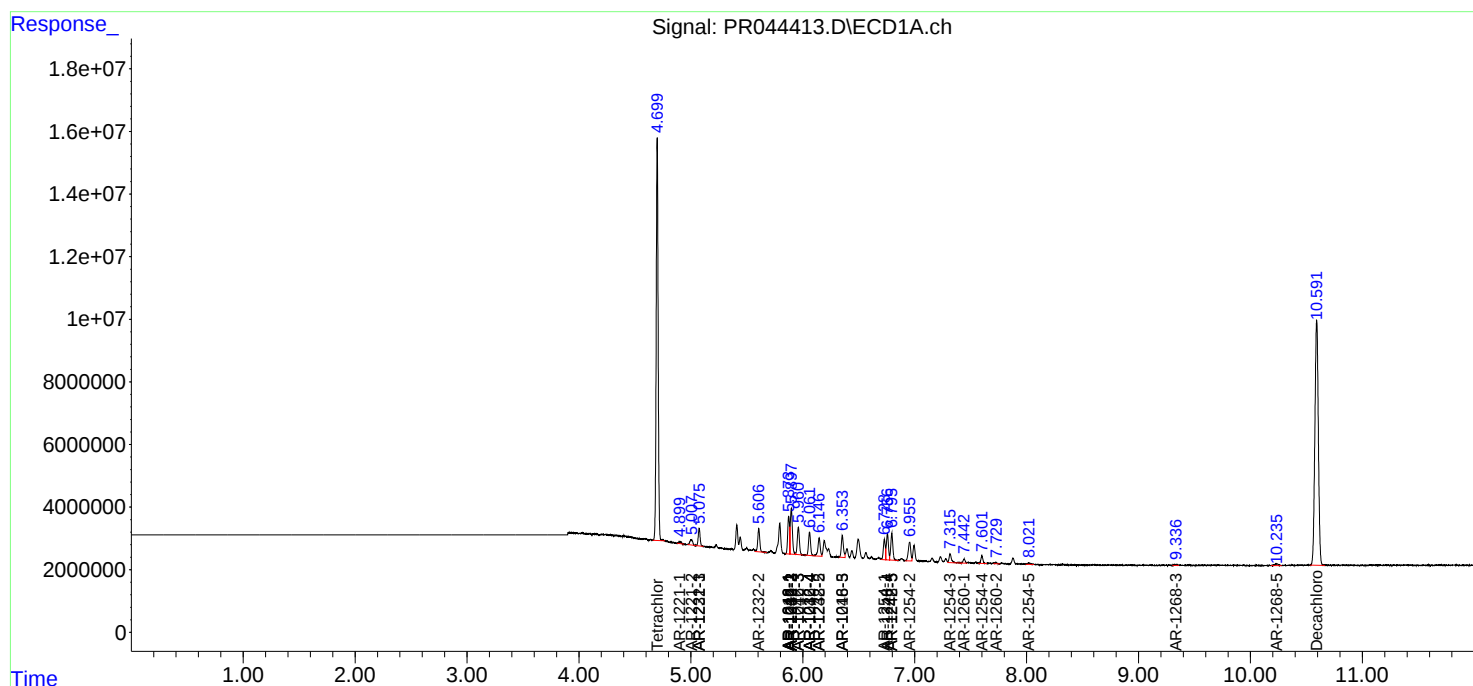
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

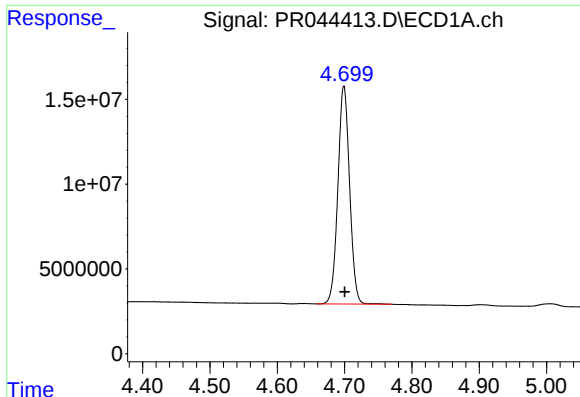
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR012020\
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Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

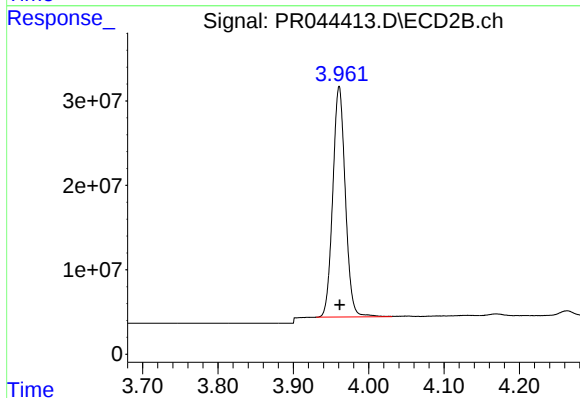




#1 Tetrachloro-m-xylene

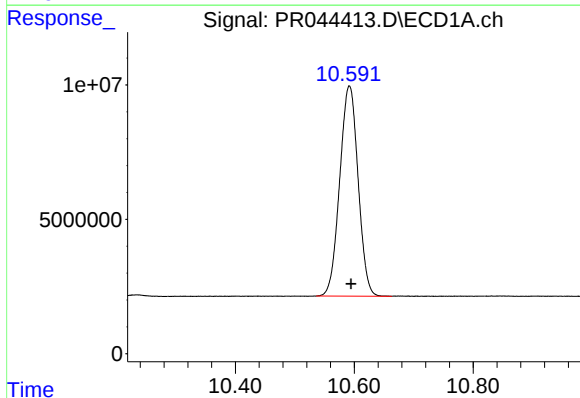
R.T.: 4.699 min
Delta R.T.: -0.001 min
Response: 155367810
Conc: 20.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



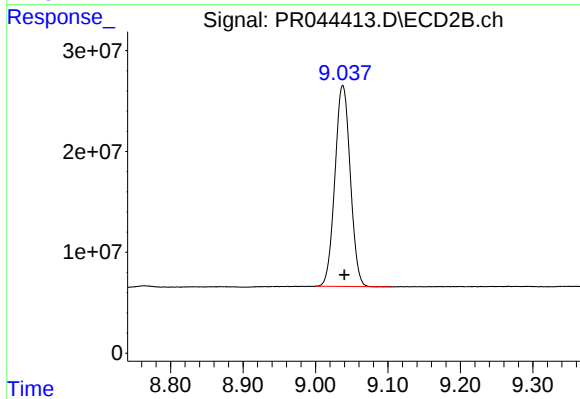
#1 Tetrachloro-m-xylene

R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 316465177
Conc: 20.01 ng/ml



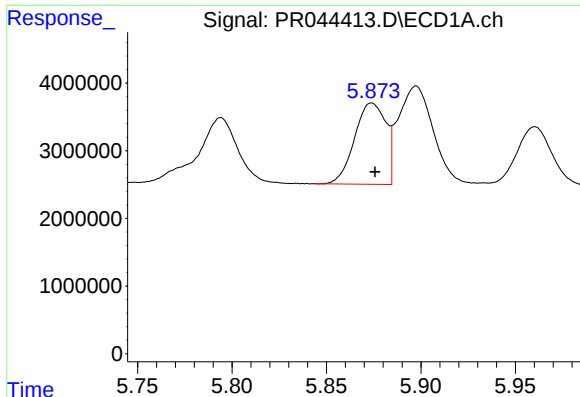
#2 Decachlorobiphenyl

R.T.: 10.592 min
Delta R.T.: -0.003 min
Response: 167858974
Conc: 21.97 ng/ml



#2 Decachlorobiphenyl

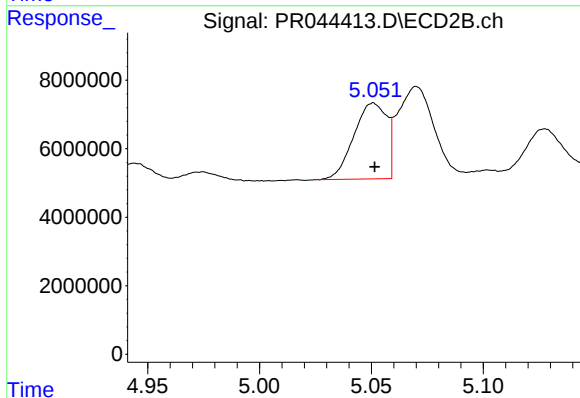
R.T.: 9.038 min
Delta R.T.: -0.002 min
Response: 292761857
Conc: 20.57 ng/ml



#3 AR-1016-1

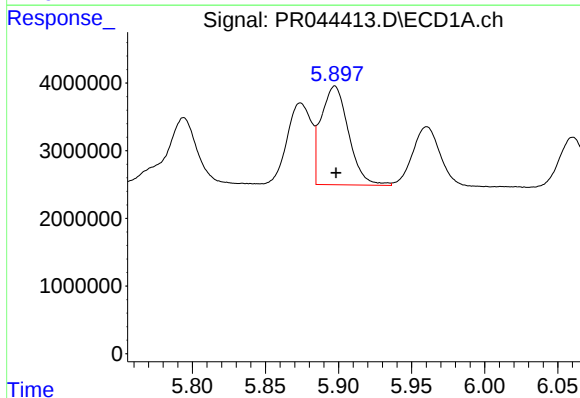
R.T.: 5.874 min
Delta R.T.: -0.002 min
Response: 13868555
Conc: 50.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



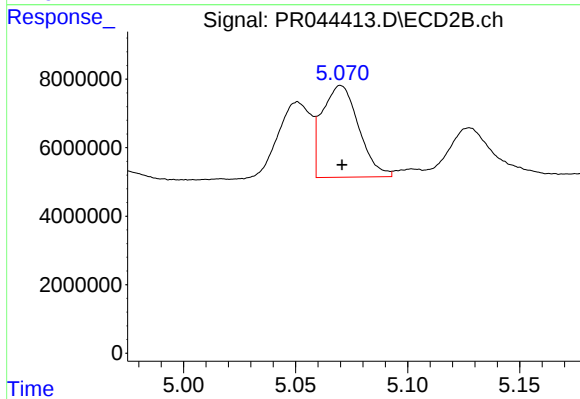
#3 AR-1016-1

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 22701818
Conc: 50.32 ng/ml



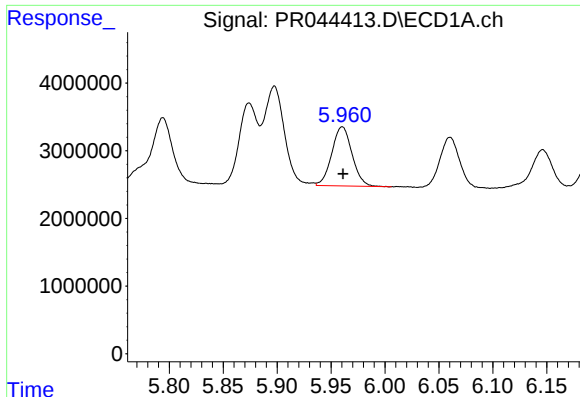
#4 AR-1016-2

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 19055307
Conc: 49.54 ng/ml



#4 AR-1016-2

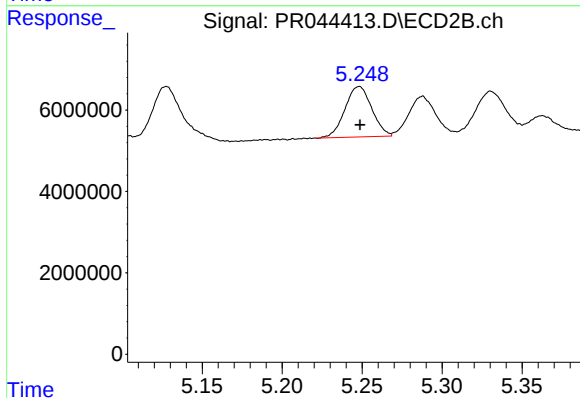
R.T.: 5.070 min
Delta R.T.: 0.000 min
Response: 30435245
Conc: 49.35 ng/ml



#5 AR-1016-3

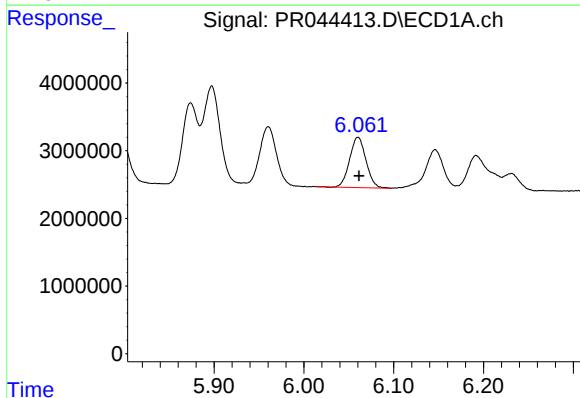
R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 11424951
Conc: 50.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



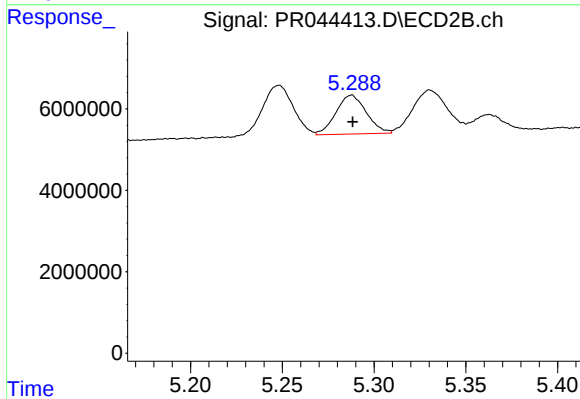
#5 AR-1016-3

R.T.: 5.248 min
Delta R.T.: 0.000 min
Response: 14425120
Conc: 47.47 ng/ml



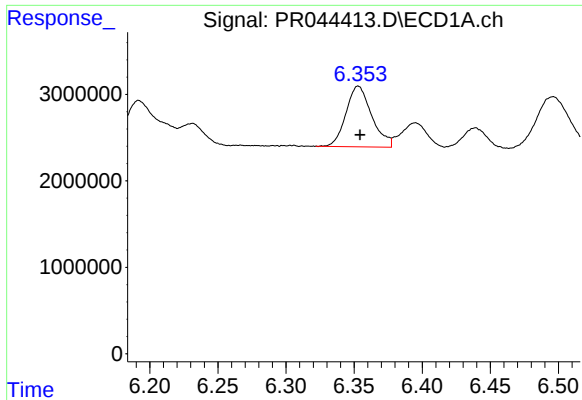
#6 AR-1016-4

R.T.: 6.060 min
Delta R.T.: -0.001 min
Response: 9434262
Conc: 49.66 ng/ml



#6 AR-1016-4

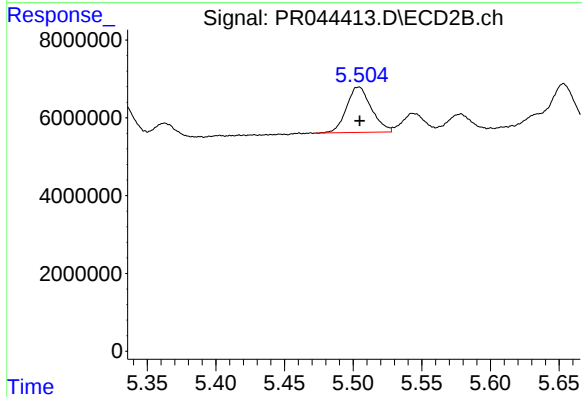
R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 11035718
Conc: 48.07 ng/ml



#7 AR-1016-5

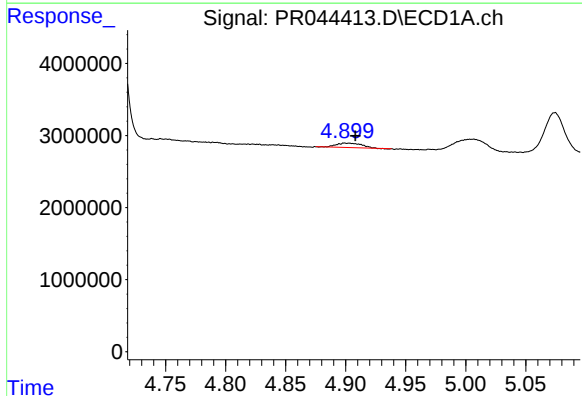
R.T.: 6.353 min
Delta R.T.: -0.001 min
Response: 9212605
Conc: 49.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



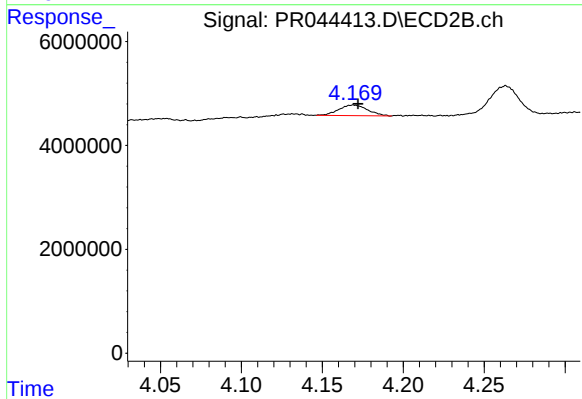
#7 AR-1016-5

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 14759714
Conc: 46.93 ng/ml



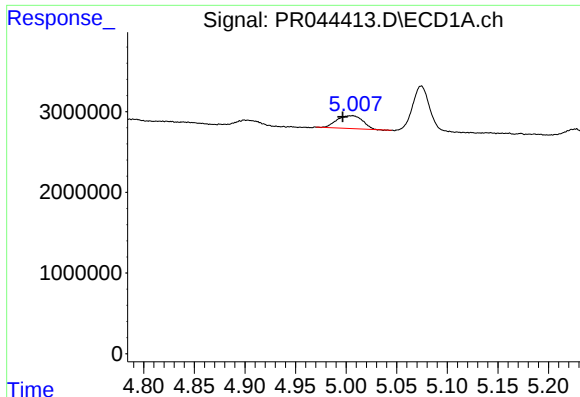
#8 AR-1221-1

R.T.: 4.900 min
Delta R.T.: -0.008 min
Response: 870820
Conc: 11.85 ng/ml



#8 AR-1221-1

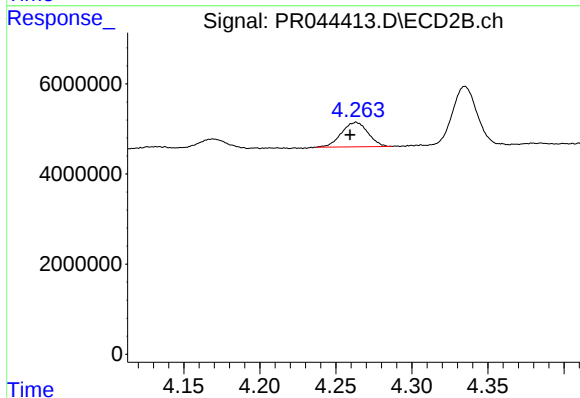
R.T.: 4.169 min
Delta R.T.: -0.003 min
Response: 2520678
Conc: 15.14 ng/ml



#9 AR-1221-2

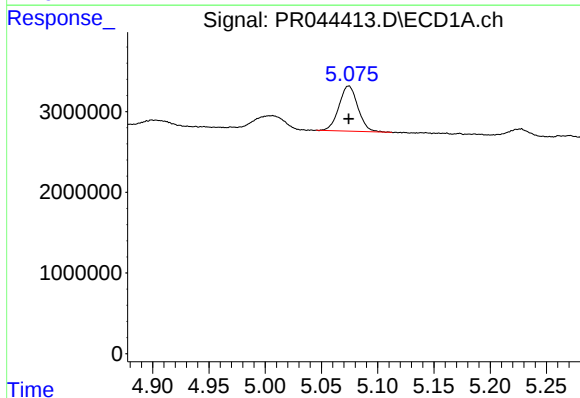
R.T.: 5.006 min
Delta R.T.: 0.009 min
Response: 2787064
Conc: 50.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



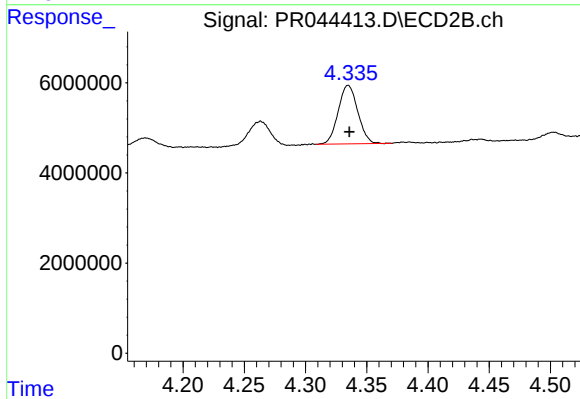
#9 AR-1221-2

R.T.: 4.263 min
Delta R.T.: 0.004 min
Response: 6601420
Conc: 53.54 ng/ml



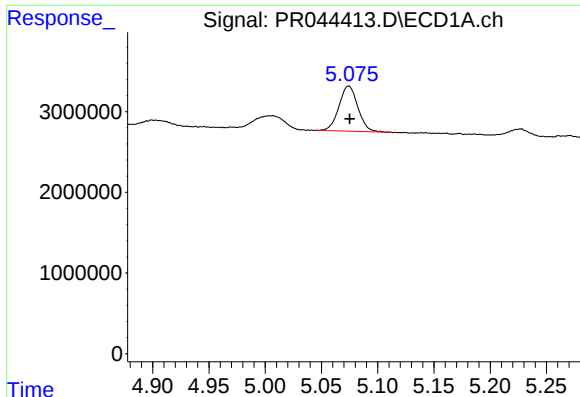
#10 AR-1221-3

R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 6506075
Conc: 36.68 ng/ml



#10 AR-1221-3

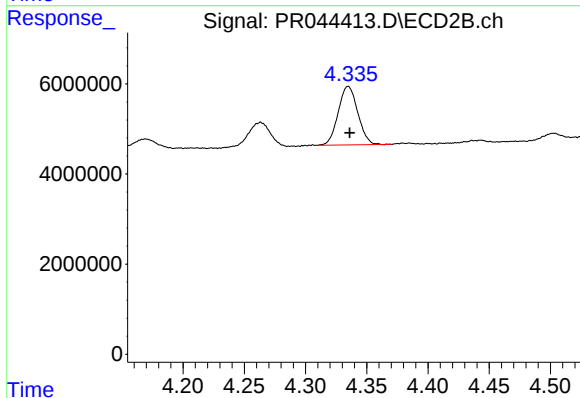
R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 14423797
Conc: 37.43 ng/ml



#11 AR-1232-1

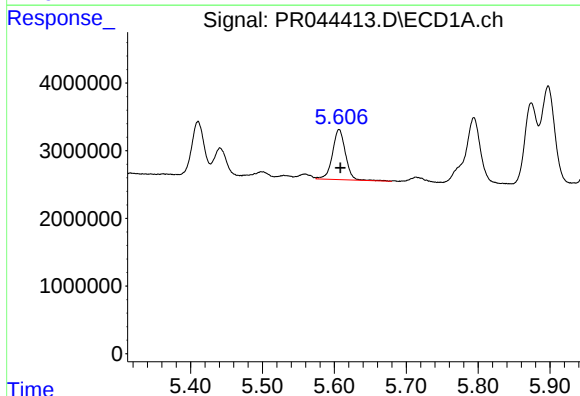
R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 6506075
Conc: 46.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



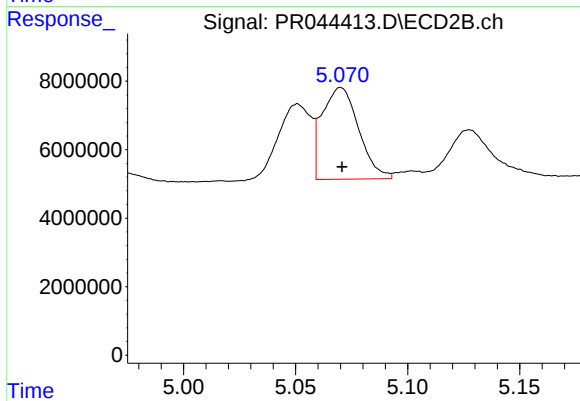
#11 AR-1232-1

R.T.: 4.335 min
Delta R.T.: -0.001 min
Response: 14423797
Conc: 47.30 ng/ml



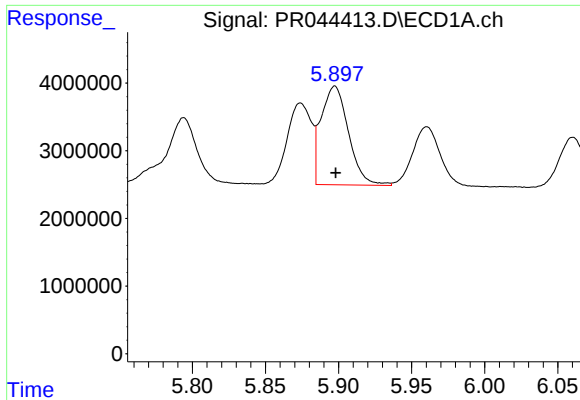
#12 AR-1232-2

R.T.: 5.607 min
Delta R.T.: -0.002 min
Response: 9323654
Conc: 126.43 ng/ml



#12 AR-1232-2

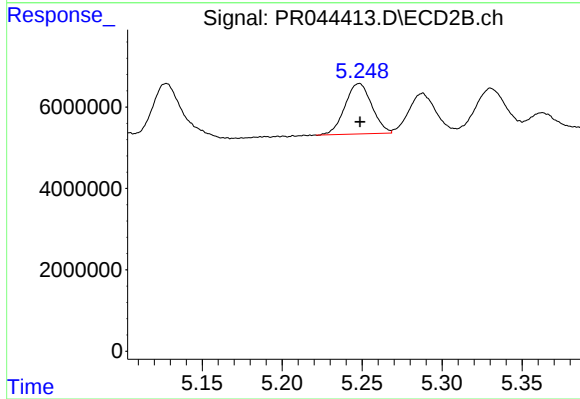
R.T.: 5.070 min
Delta R.T.: 0.000 min
Response: 30435245
Conc: 123.45 ng/ml



#13 AR-1232-3

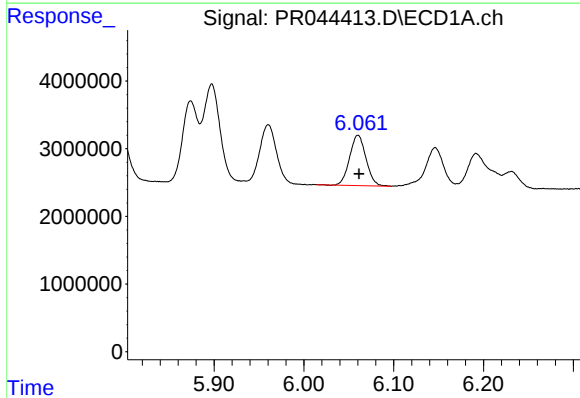
R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 19055307
Conc: 126.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



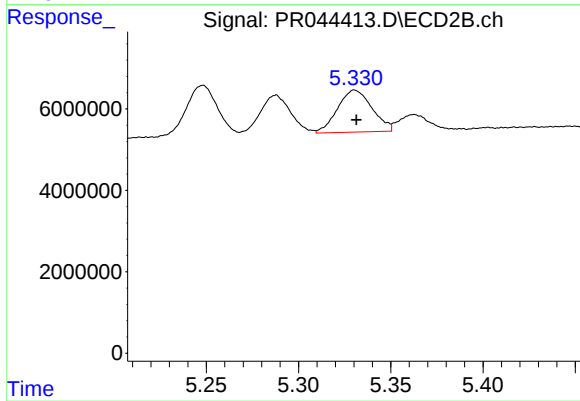
#13 AR-1232-3

R.T.: 5.248 min
Delta R.T.: 0.000 min
Response: 14425120
Conc: 119.62 ng/ml



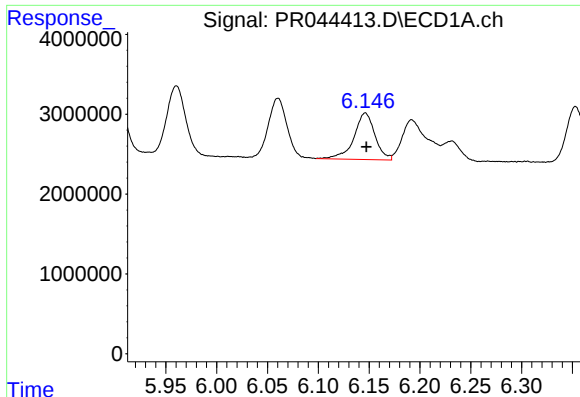
#14 AR-1232-4

R.T.: 6.060 min
Delta R.T.: -0.001 min
Response: 9434262
Conc: 126.85 ng/ml



#14 AR-1232-4

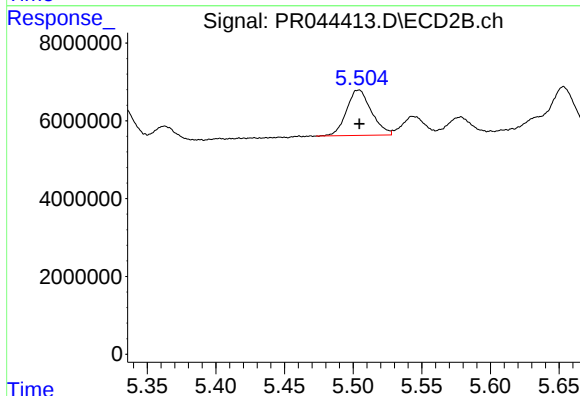
R.T.: 5.330 min
Delta R.T.: 0.000 min
Response: 13461255
Conc: 137.53 ng/ml



#15 AR-1232-5

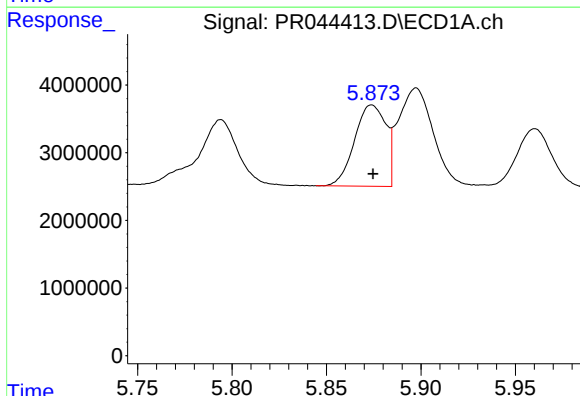
R.T.: 6.146 min
Delta R.T.: -0.001 min
Response: 8382150
Conc: 151.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



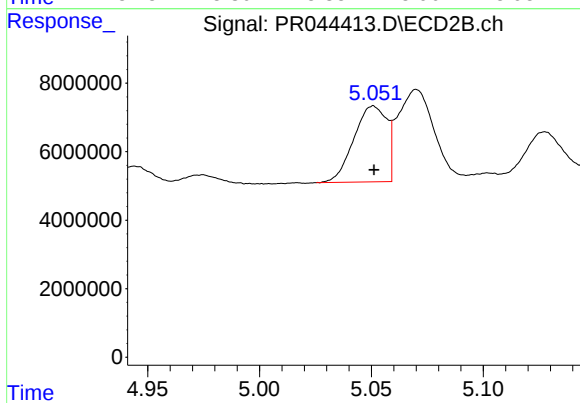
#15 AR-1232-5

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 14759714
Conc: 131.39 ng/ml



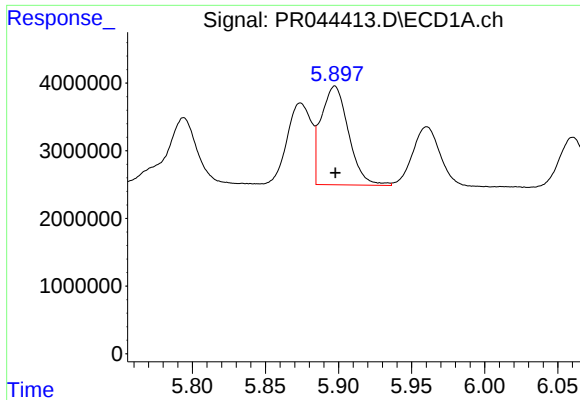
#16 AR-1242-1

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 13868555
Conc: 72.13 ng/ml



#16 AR-1242-1

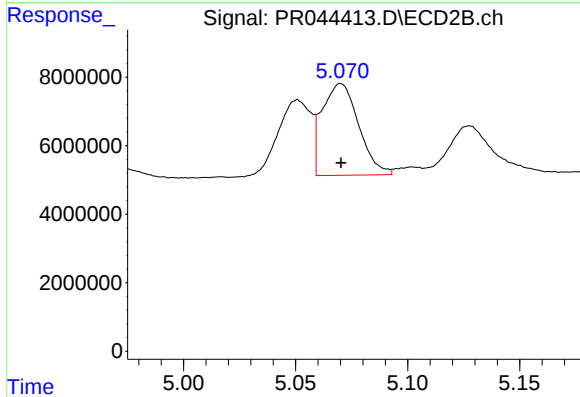
R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 22701818
Conc: 72.82 ng/ml



#17 AR-1242-2

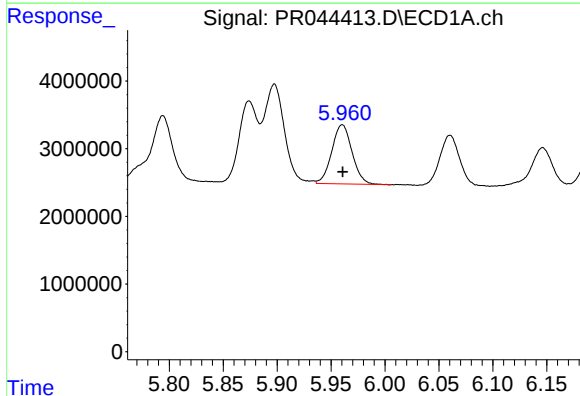
R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 19055307
Conc: 70.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



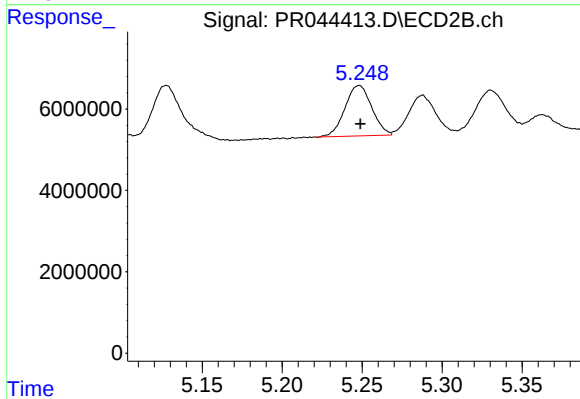
#17 AR-1242-2

R.T.: 5.070 min
Delta R.T.: 0.000 min
Response: 30435245
Conc: 71.23 ng/ml



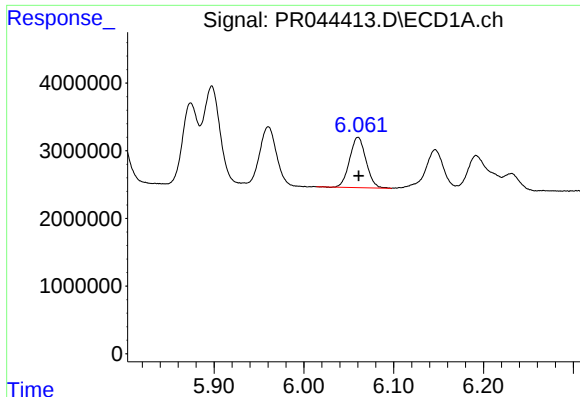
#18 AR-1242-3

R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 11424951
Conc: 70.46 ng/ml



#18 AR-1242-3

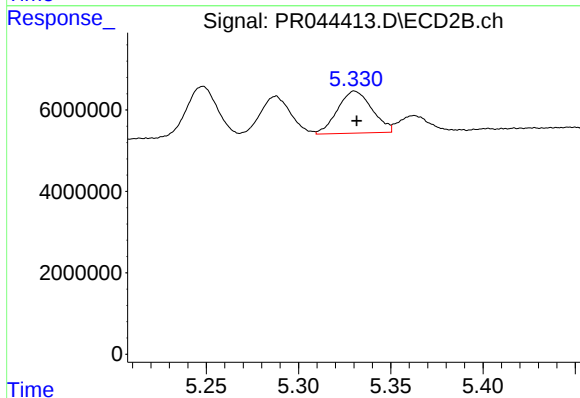
R.T.: 5.248 min
Delta R.T.: 0.000 min
Response: 14425120
Conc: 67.88 ng/ml



#19 AR-1242-4

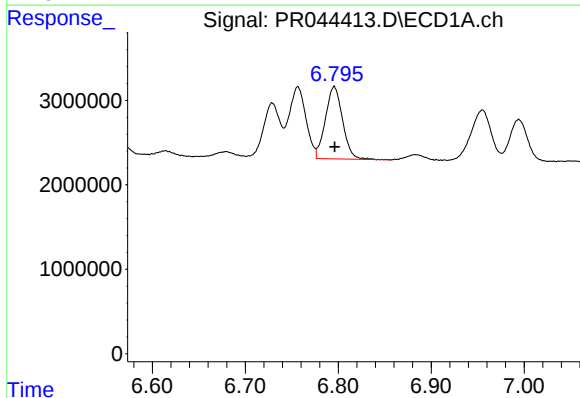
R.T.: 6.060 min
Delta R.T.: 0.000 min
Response: 9434262
Conc: 69.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



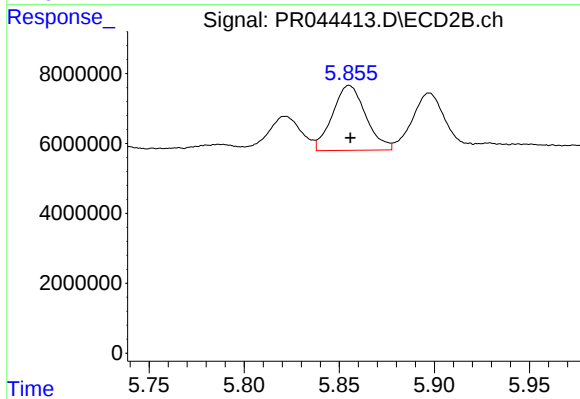
#19 AR-1242-4

R.T.: 5.330 min
Delta R.T.: 0.000 min
Response: 13461255
Conc: 69.85 ng/ml



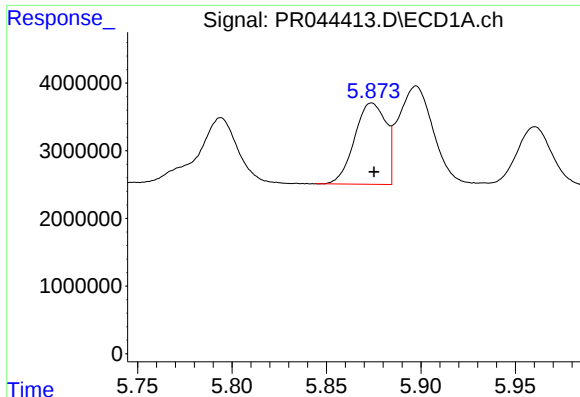
#20 AR-1242-5

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 10992600
Conc: 72.03 ng/ml



#20 AR-1242-5

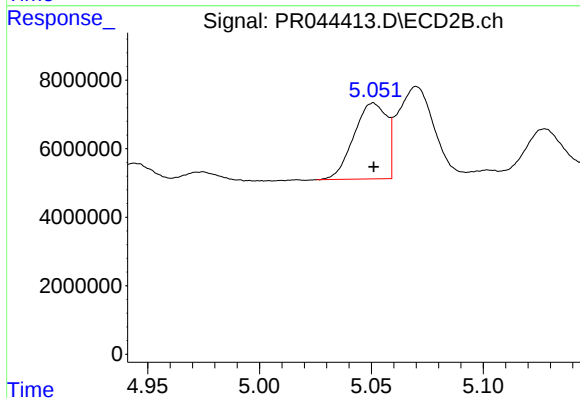
R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 22643266
Conc: 73.36 ng/ml



#21 AR-1248-1

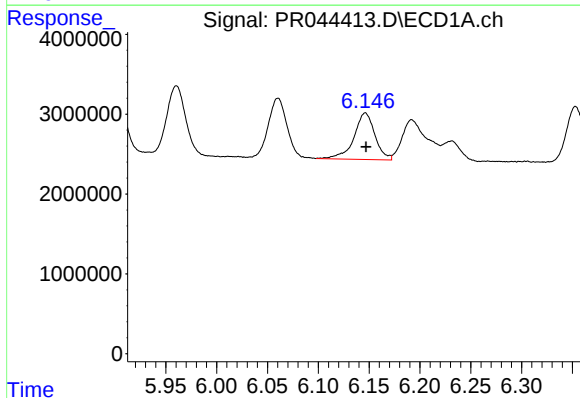
R.T.: 5.874 min
Delta R.T.: -0.001 min
Response: 13868555
Conc: 91.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



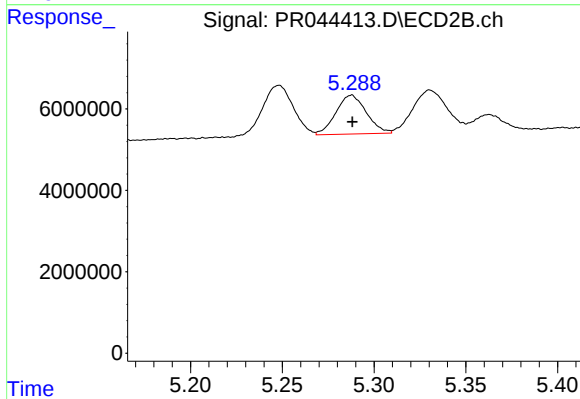
#21 AR-1248-1

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 22701818
Conc: 89.98 ng/ml



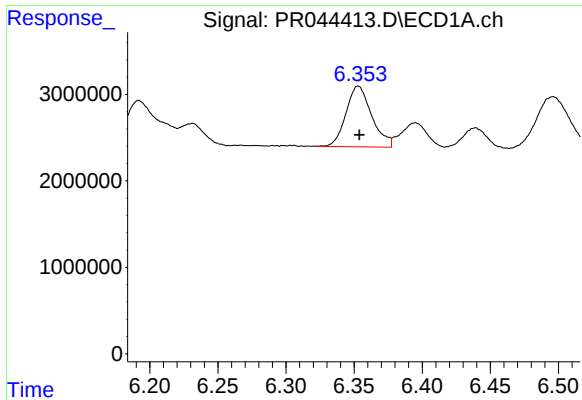
#22 AR-1248-2

R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 8382150
Conc: 41.12 ng/ml



#22 AR-1248-2

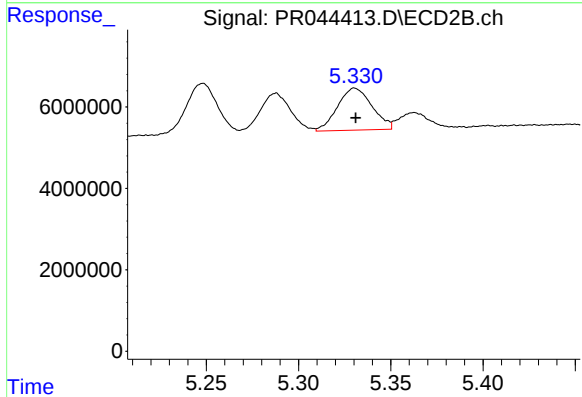
R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 11035718
Conc: 40.28 ng/ml



#23 AR-1248-3

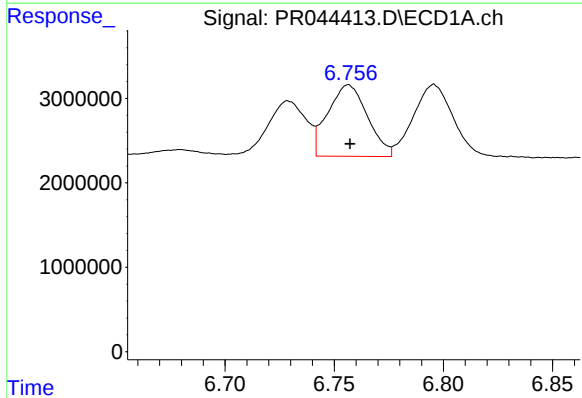
R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 9212605
Conc: 40.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



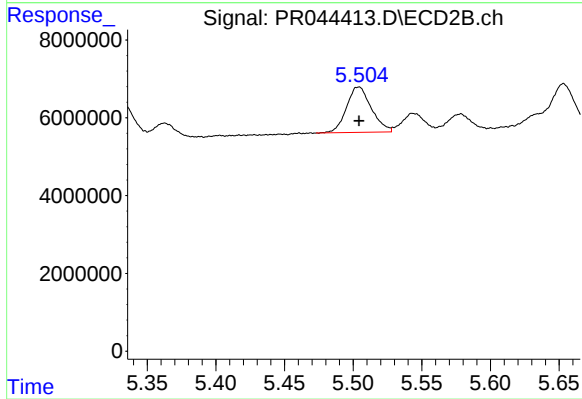
#23 AR-1248-3

R.T.: 5.330 min
Delta R.T.: 0.000 min
Response: 13461255
Conc: 48.00 ng/ml



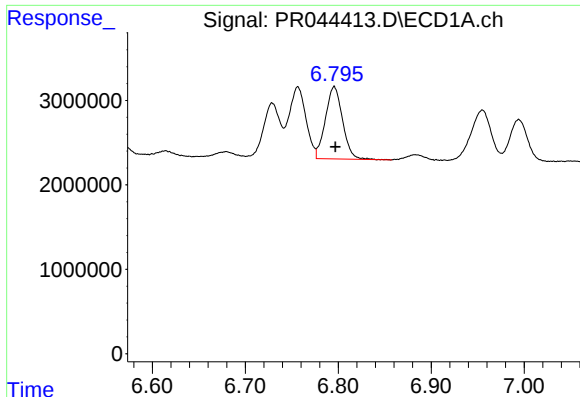
#24 AR-1248-4

R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 10711819
Conc: 39.57 ng/ml



#24 AR-1248-4

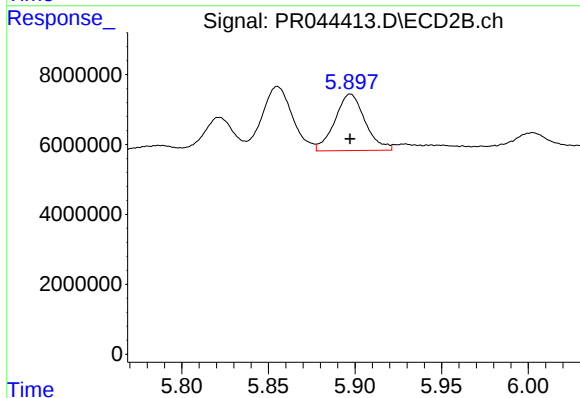
R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 14759714
Conc: 40.85 ng/ml



#25 AR-1248-5

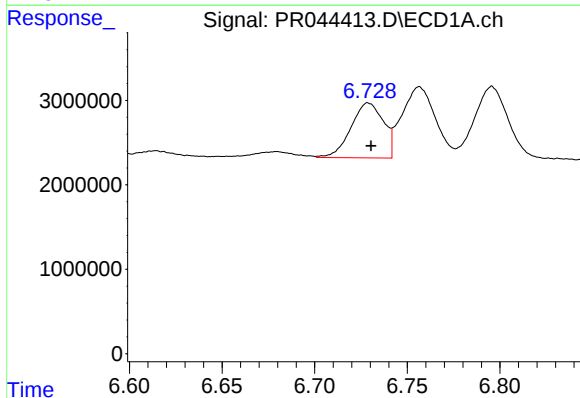
R.T.: 6.796 min
Delta R.T.: -0.001 min
Response: 10992600
Conc: 42.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



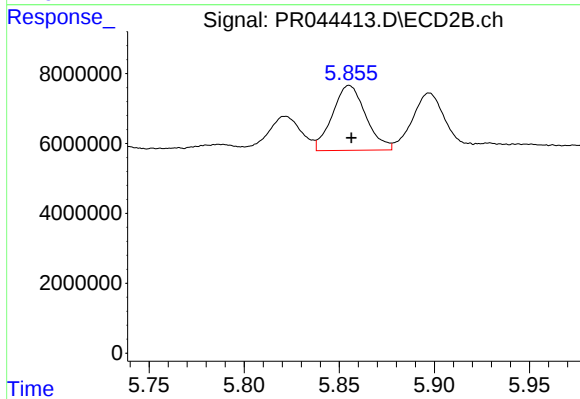
#25 AR-1248-5

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 19614066
Conc: 46.77 ng/ml



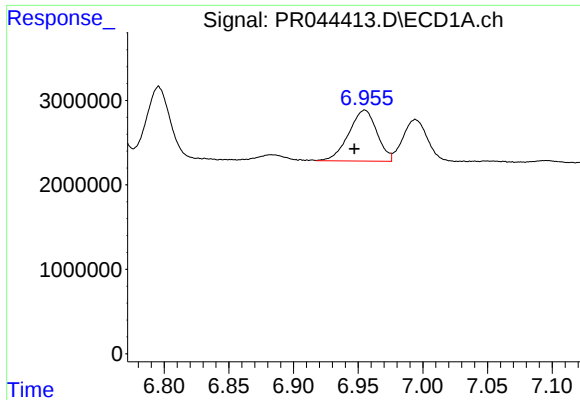
#26 AR-1254-1

R.T.: 6.729 min
Delta R.T.: -0.001 min
Response: 7935987
Conc: 30.28 ng/ml



#26 AR-1254-1

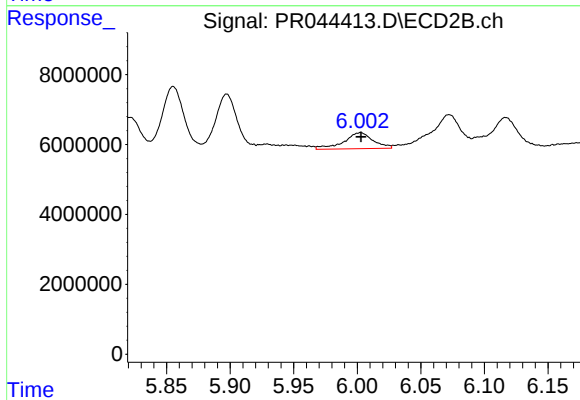
R.T.: 5.855 min
Delta R.T.: -0.001 min
Response: 22643266
Conc: 36.48 ng/ml



#27 AR-1254-2

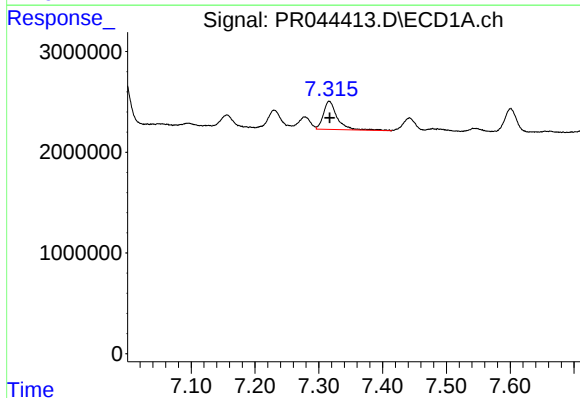
R.T.: 6.955 min
Delta R.T.: 0.008 min
Response: 9169230
Conc: 22.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



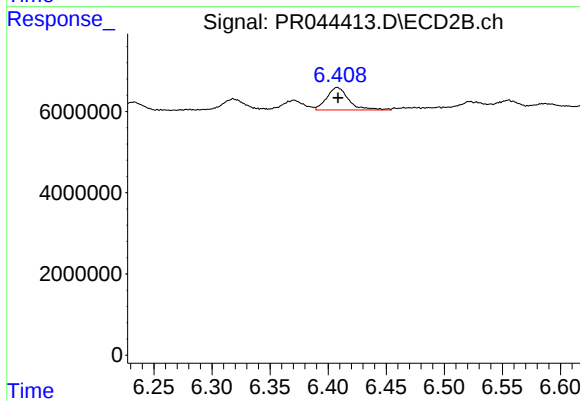
#27 AR-1254-2

R.T.: 6.002 min
Delta R.T.: 0.000 min
Response: 7392635
Conc: 13.30 ng/ml



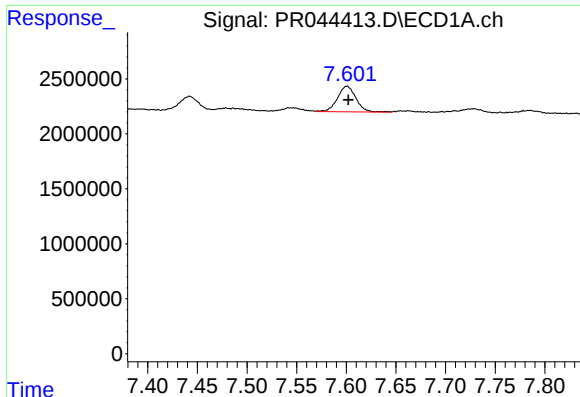
#28 AR-1254-3

R.T.: 7.316 min
Delta R.T.: 0.000 min
Response: 4195814
Conc: 9.53 ng/ml



#28 AR-1254-3

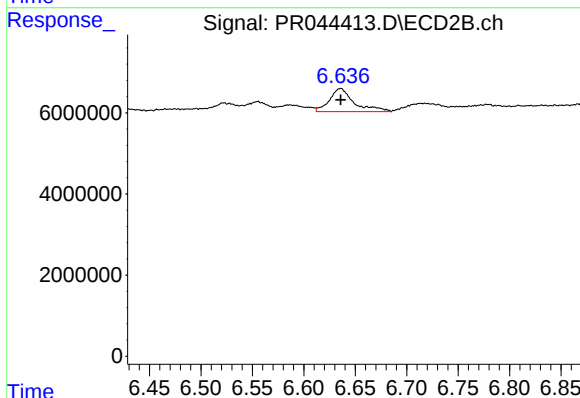
R.T.: 6.408 min
Delta R.T.: 0.000 min
Response: 7251798
Conc: 7.66 ng/ml



#29 AR-1254-4

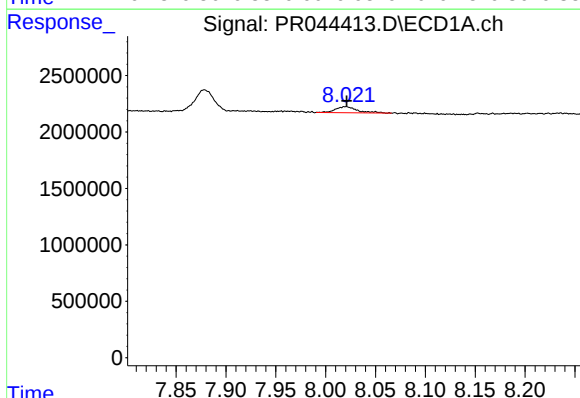
R.T.: 7.601 min
Delta R.T.: -0.001 min
Response: 3003210
Conc: 8.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



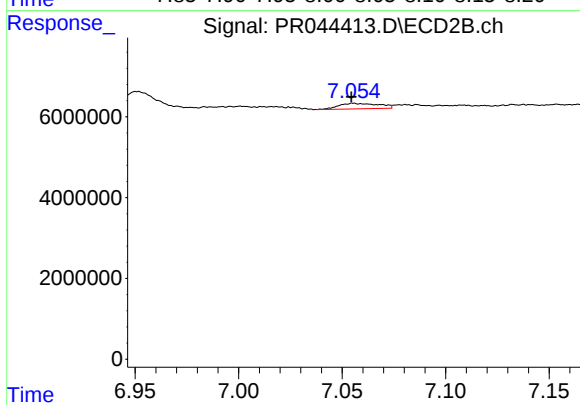
#29 AR-1254-4

R.T.: 6.636 min
Delta R.T.: 0.000 min
Response: 9490279
Conc: 13.17 ng/ml



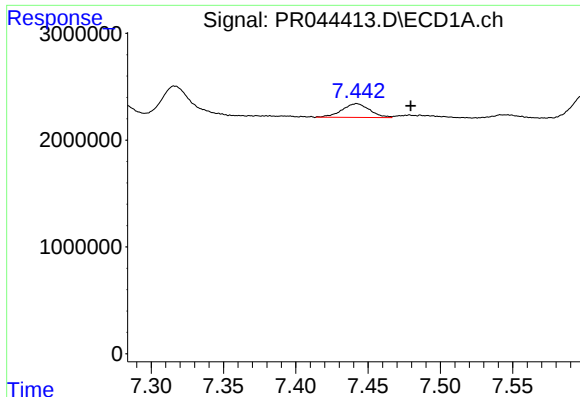
#30 AR-1254-5

R.T.: 8.020 min
Delta R.T.: -0.001 min
Response: 834016
Conc: 2.34 ng/ml



#30 AR-1254-5

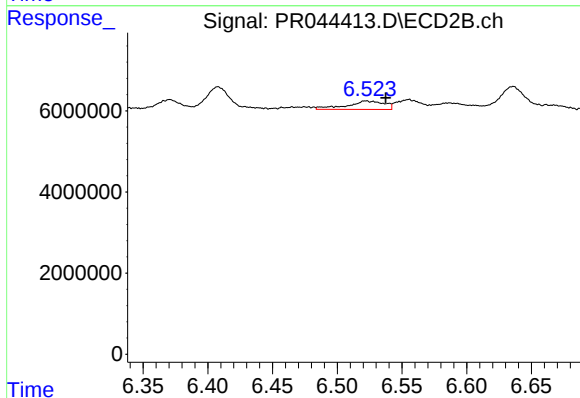
R.T.: 7.056 min
Delta R.T.: 0.001 min
Response: 1803809
Conc: 2.11 ng/ml



#31 AR-1260-1

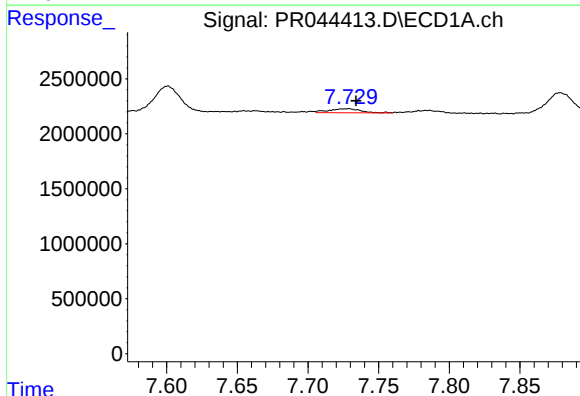
R.T.: 7.442 min
Delta R.T.: -0.037 min
Response: 1712195
Conc: 5.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



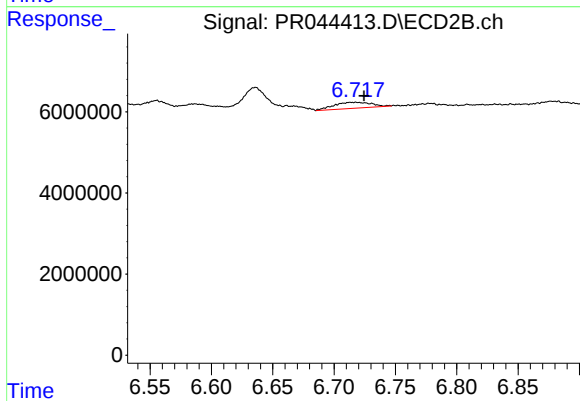
#31 AR-1260-1

R.T.: 6.522 min
Delta R.T.: -0.016 min
Response: 4211272
Conc: 6.18 ng/ml



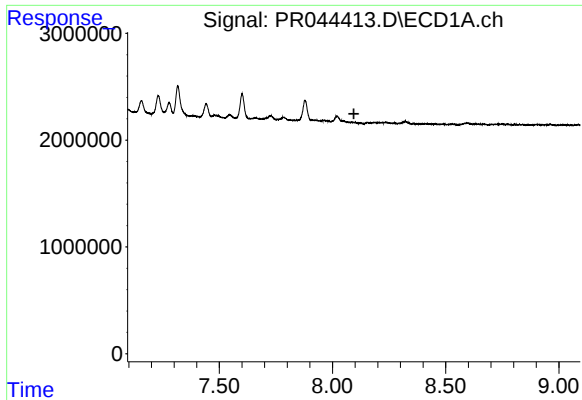
#32 AR-1260-2

R.T.: 7.729 min
Delta R.T.: -0.005 min
Response: 575339
Conc: 1.41 ng/ml



#32 AR-1260-2

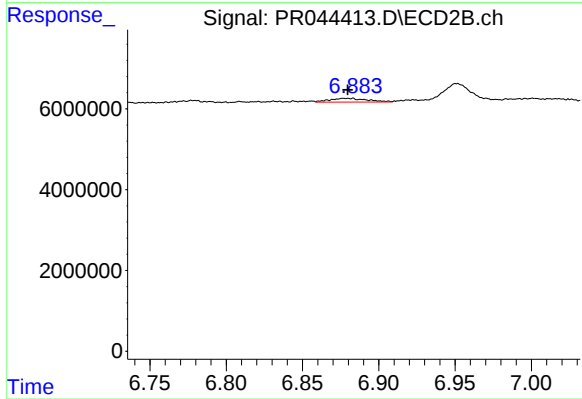
R.T.: 6.718 min
Delta R.T.: -0.007 min
Response: 3169118
Conc: 3.17 ng/ml



#33 AR-1260-3

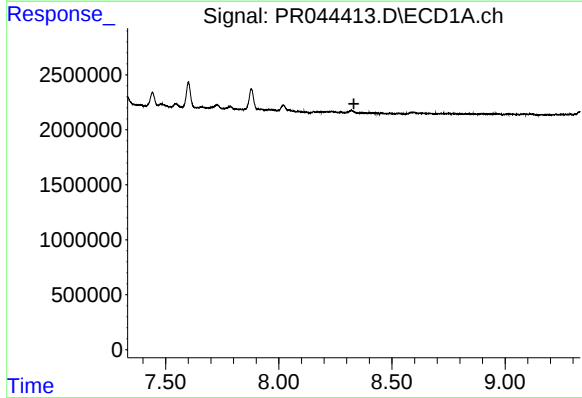
R.T.: 0.000 min
Exp R.T.: 8.094 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



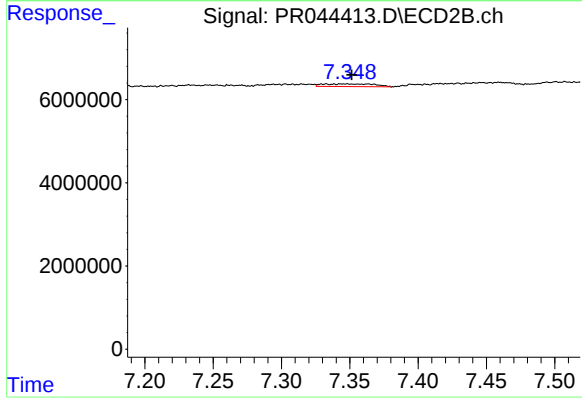
#33 AR-1260-3

R.T.: 6.878 min
Delta R.T.: -0.002 min
Response: 1544955
Conc: 1.90 ng/ml



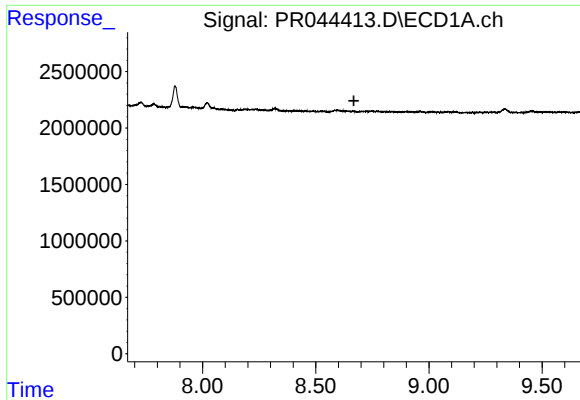
#34 AR-1260-4

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



#34 AR-1260-4

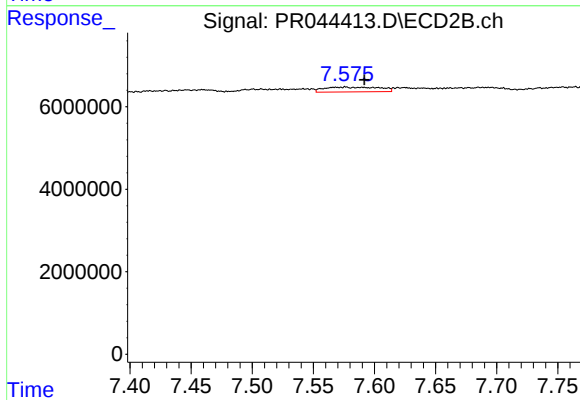
R.T.: 7.332 min
Delta R.T.: -0.019 min
Response: 1680746
Conc: 2.33 ng/ml



#35 AR-1260-5

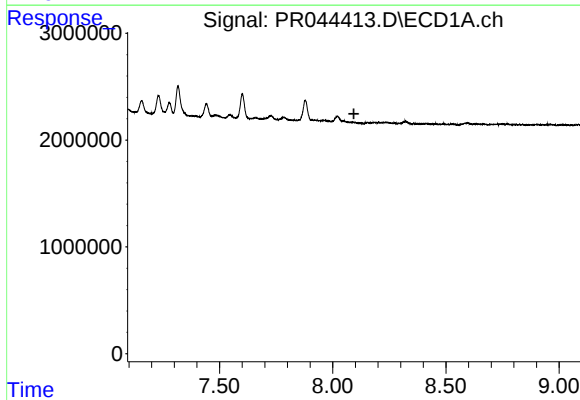
R.T.: 0.000 min
Exp R.T.: 8.669 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



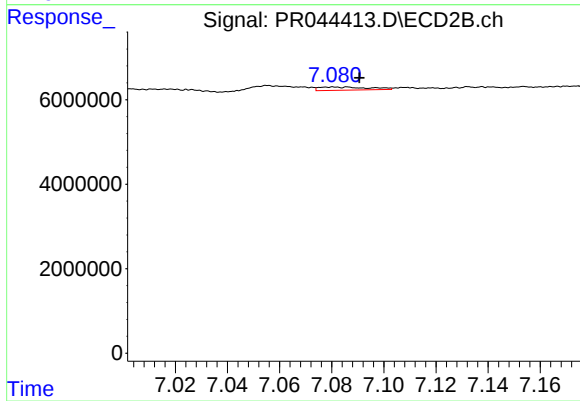
#35 AR-1260-5

R.T.: 7.576 min
Delta R.T.: -0.016 min
Response: 3695368
Conc: 1.71 ng/ml



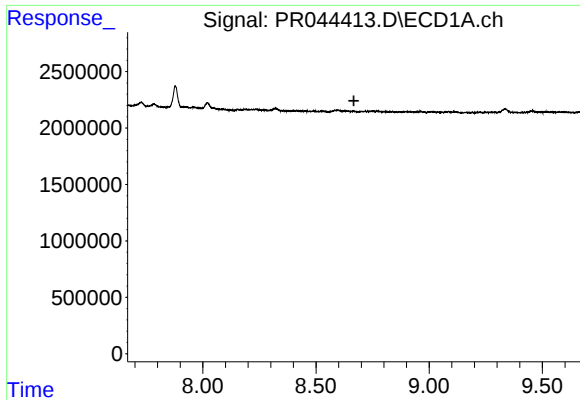
#36 AR-1262-1

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



#36 AR-1262-1

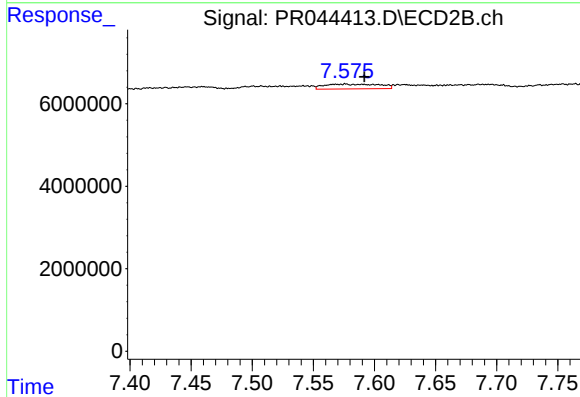
R.T.: 7.086 min
Delta R.T.: -0.005 min
Response: 996124
Conc: 0.82 ng/ml



#37 AR-1262-2

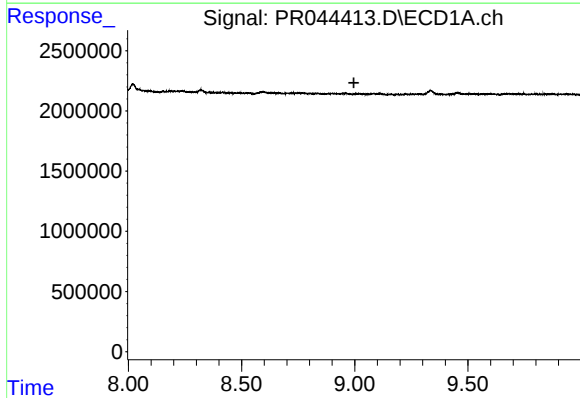
R.T.: 0.000 min
Exp R.T. : 8.668 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



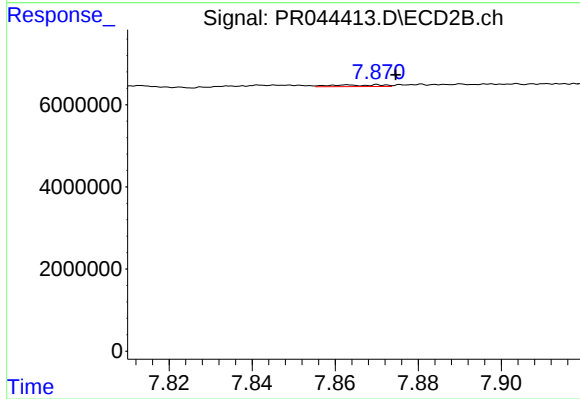
#37 AR-1262-2

R.T.: 7.576 min
Delta R.T.: -0.015 min
Response: 3695368
Conc: 1.66 ng/ml



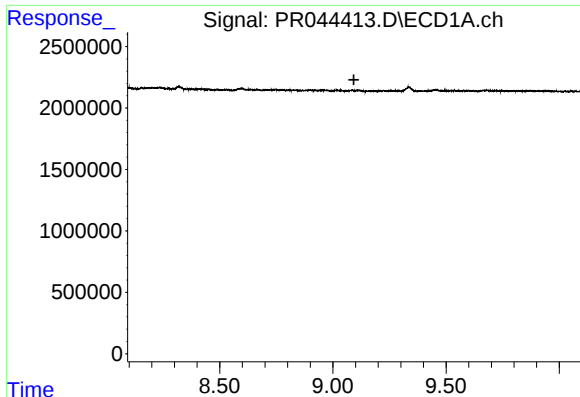
#38 AR-1262-3

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



#38 AR-1262-3

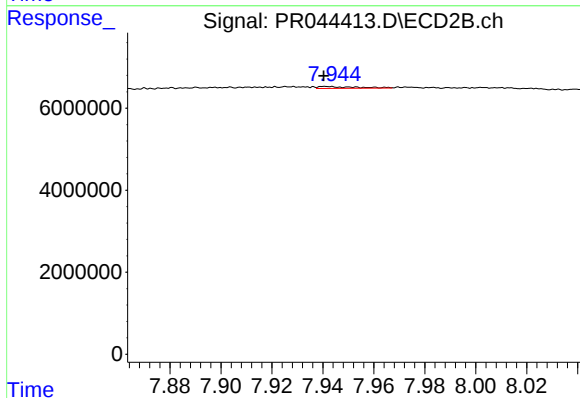
R.T.: 7.863 min
Delta R.T.: -0.012 min
Response: 330902
Conc: 0.37 ng/ml



#39 AR-1262-4

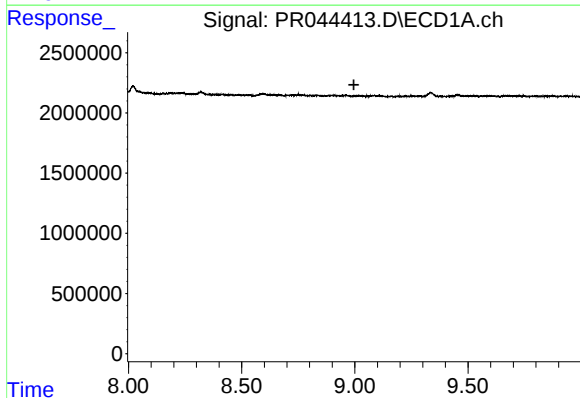
R.T.: 0.000 min
Exp R.T. : 9.093 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



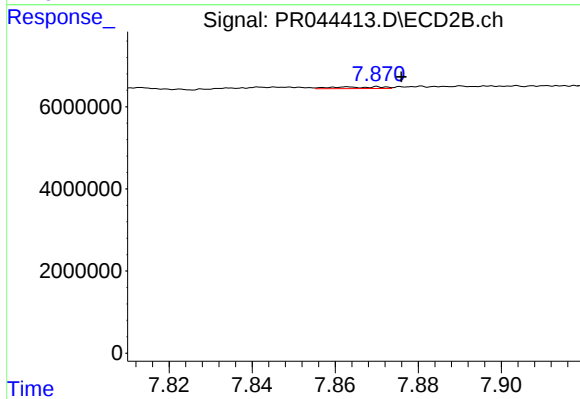
#39 AR-1262-4

R.T.: 7.941 min
Delta R.T.: 0.001 min
Response: 483038
Conc: 0.33 ng/ml



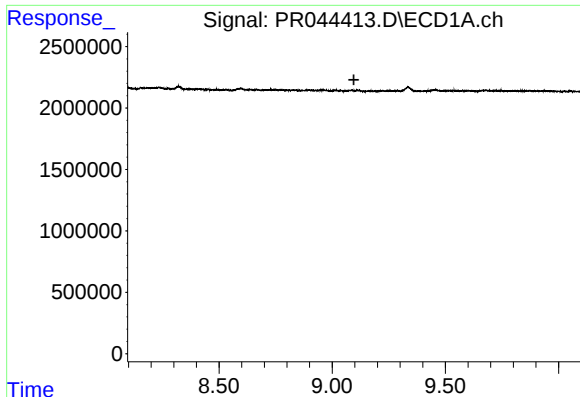
#41 AR-1268-1

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



#41 AR-1268-1

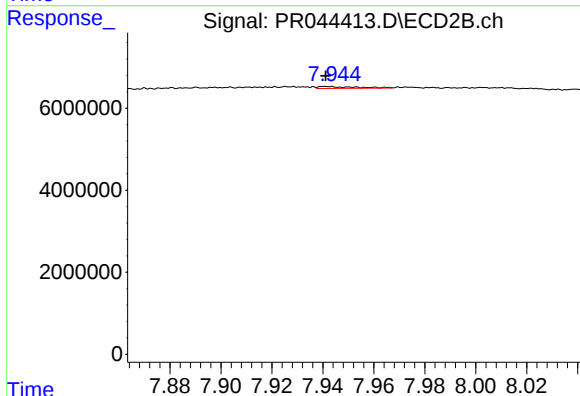
R.T.: 7.863 min
Delta R.T.: -0.013 min
Response: 330902
Conc: 0.12 ng/ml



#42 AR-1268-2

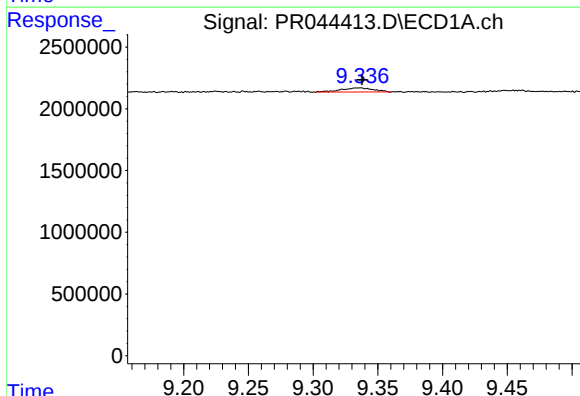
R.T.: 0.000 min
Exp R.T.: 9.096 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



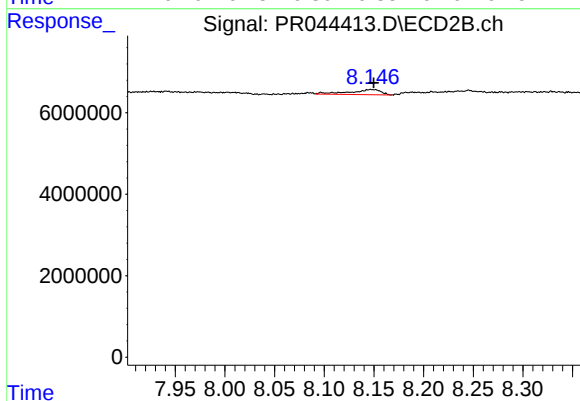
#42 AR-1268-2

R.T.: 7.941 min
Delta R.T.: 0.000 min
Response: 483038
Conc: 0.21 ng/ml



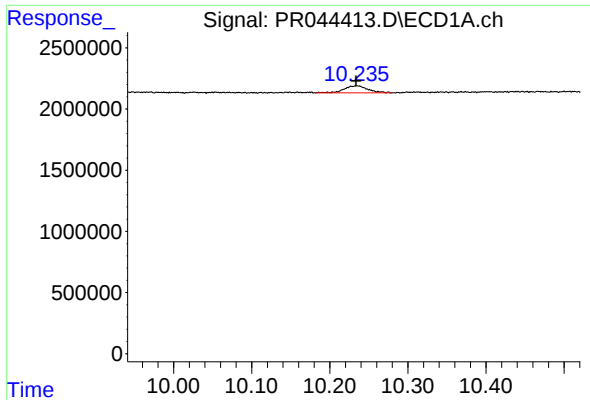
#43 AR-1268-3

R.T.: 9.335 min
Delta R.T.: -0.002 min
Response: 562831
Conc: 0.68 ng/ml



#43 AR-1268-3

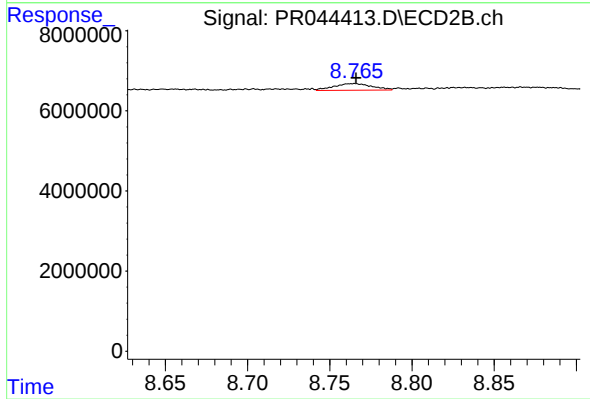
R.T.: 8.147 min
Delta R.T.: -0.003 min
Response: 2724767
Conc: 1.40 ng/ml



#45 AR-1268-5

R.T.: 10.235 min
Delta R.T.: 0.001 min
Response: 1216039
Conc: 0.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.765 min
Delta R.T.: -0.001 min
Response: 2688683
Conc: 0.48 ng/ml