

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081619\
 Data File : PR040440.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2019 20:53
 Operator : SM\AJ
 Sample : K3591-07
 Misc : AR1262 LOD 40 PPB
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1254ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 00:12:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081519.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Aug 15 15:16:04 2019
 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...	3.750	4.593	36852692	171.9E6	29.991	27.870
2)	SA Decachlor...	8.675	10.310	62603525	246.5E6	21.732	21.239
Target Compounds							
3)	L1 AR-1016-1	0.000	5.751	0	826300	N.D.	3.311 #
4)	L1 AR-1016-2	0.000	5.769	0	691674	N.D.	1.773 #
5)	L1 AR-1016-3	0.000	5.769	0	691674	N.D.	2.824 #
6)	L1 AR-1016-4	5.088	0.000	733688	0	20.529	N.D. #
9)	L2 AR-1221-2	0.000	4.898	0	2306369	N.D.	36.742 #
10)	L2 AR-1221-3	0.000	4.898	0	2306369	N.D.	11.512 #
11)	L3 AR-1232-1	0.000	4.898	0	2306369	N.D.	11.093 #
12)	L3 AR-1232-2	0.000	5.497	0	992725	N.D.	8.731 #
13)	L3 AR-1232-3	0.000	5.769	0	691674	N.D.	2.712 #
14)	L3 AR-1232-4	5.088	0.000	733688	0	28.195	N.D. #
16)	L4 AR-1242-1	0.000	5.751	0	826300	N.D.	3.418 #
17)	L4 AR-1242-2	0.000	5.769	0	691674	N.D.	1.866 #
18)	L4 AR-1242-3	0.000	5.769	0	691674	N.D.	3.043 #
19)	L4 AR-1242-4	5.088	0.000	733688	0	17.744	N.D. #
20)	L4 AR-1242-5	5.600	6.590	1266099	8572372	20.619	37.250 #
21)	L5 AR-1248-1	0.000	5.751	0	826300	N.D.	4.936 #
22)	L5 AR-1248-2	5.088	0.000	733688	0	13.621	N.D. #
23)	L5 AR-1248-3	5.088	0.000	733688	0	13.115	N.D. #
24)	L5 AR-1248-4	0.000	6.590	0	8572372	N.D.	23.884 #
25)	L5 AR-1248-5	5.600	6.590	1266099	8572372	16.382	24.765 #
26)	L6 AR-1254-1	5.600	6.590	1266099	8572372	9.326	21.714 #
27)	L6 AR-1254-2	5.742	6.803	1048346	5414019	8.788	8.563
28)	L6 AR-1254-3	6.154	7.169	2870737	2583471	13.485	3.576 #
29)	L6 AR-1254-4	0.000	7.450	0	6016333	N.D.	10.956 #
30)	L6 AR-1254-5	6.774	7.861	4340049	20119837	21.701	33.713 #
31)	L7 AR-1260-1	6.267	7.327	5018491	19680157	44.491	47.811
32)	L7 AR-1260-2	6.452	7.579	6607638	21573896	45.462	42.449
33)	L7 AR-1260-3	6.604	7.934	5948467	29243933	44.314	71.443 #
34)	L7 AR-1260-4	7.067	8.163	7992269	27144394	64.278	56.924
35)	L7 AR-1260-5	7.306	8.487	16558209	55849392	52.510	53.843
36)	L8 AR-1262-1	6.864	7.934	3223782	29243933	47.391	48.915
37)	L8 AR-1262-2	7.306	8.487	16558209	55849392	47.060	46.941
38)	L8 AR-1262-3	7.584	8.800	7203286	41151164	51.481	50.842
39)	L8 AR-1262-4	7.648	8.893	13121279	30402706	49.436	48.975
40)	L8 AR-1262-5	8.138	9.559	6487788	23144104	49.286	48.999
41)	L9 AR-1268-1	7.584	8.800	7203286	41151164	19.577	31.444 #
42)	L9 AR-1268-2	7.648	8.893	13121279	30402706	38.299	24.419 #
43)	L9 AR-1268-3	7.849	9.125	2225175	3736093	7.780	3.541 #
44)	L9 AR-1268-4	8.138	9.559	6487788	23144104	47.930	47.183

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Integration File signal 1: autoint1.e
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Quant Time: Aug 17 00:12:15 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081519.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Aug 15 15:16:04 2019
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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
45) L9	AR-1268-5	8.427	9.973	2618803	11348416	2.540	2.877

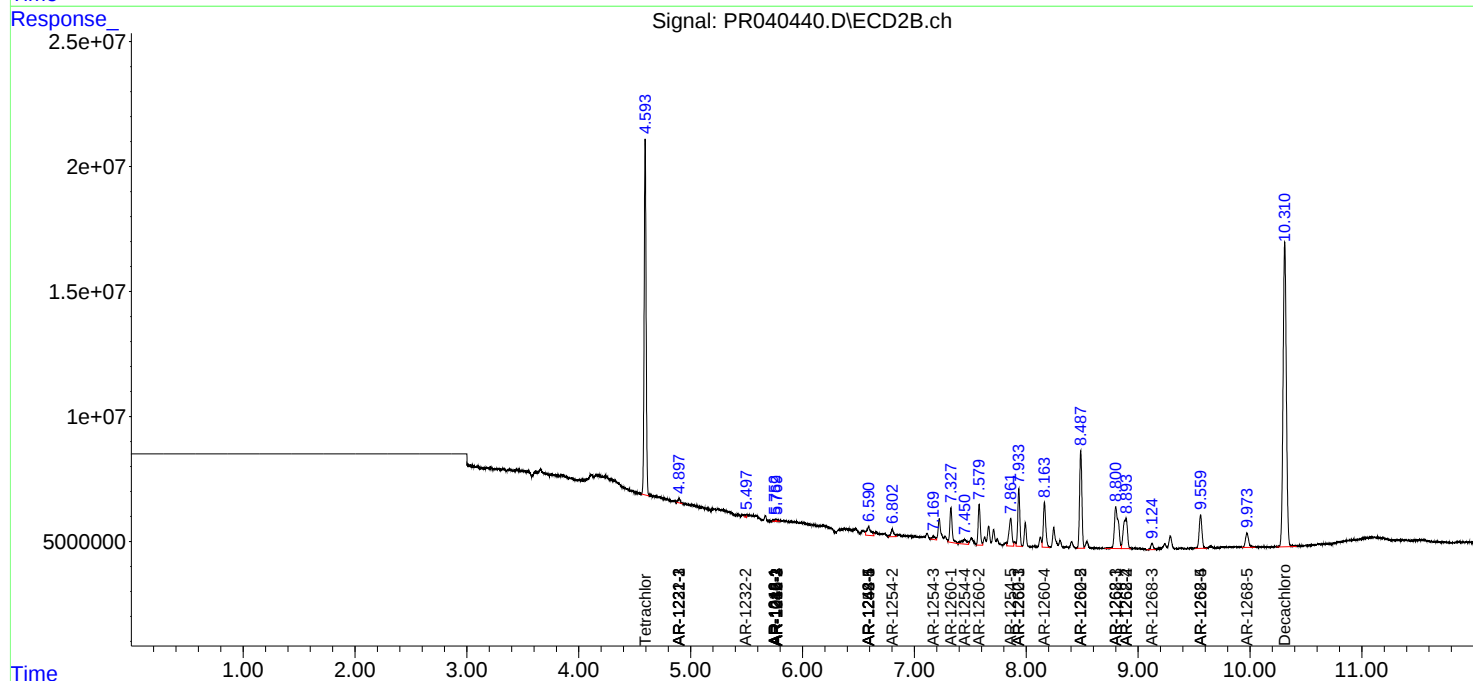
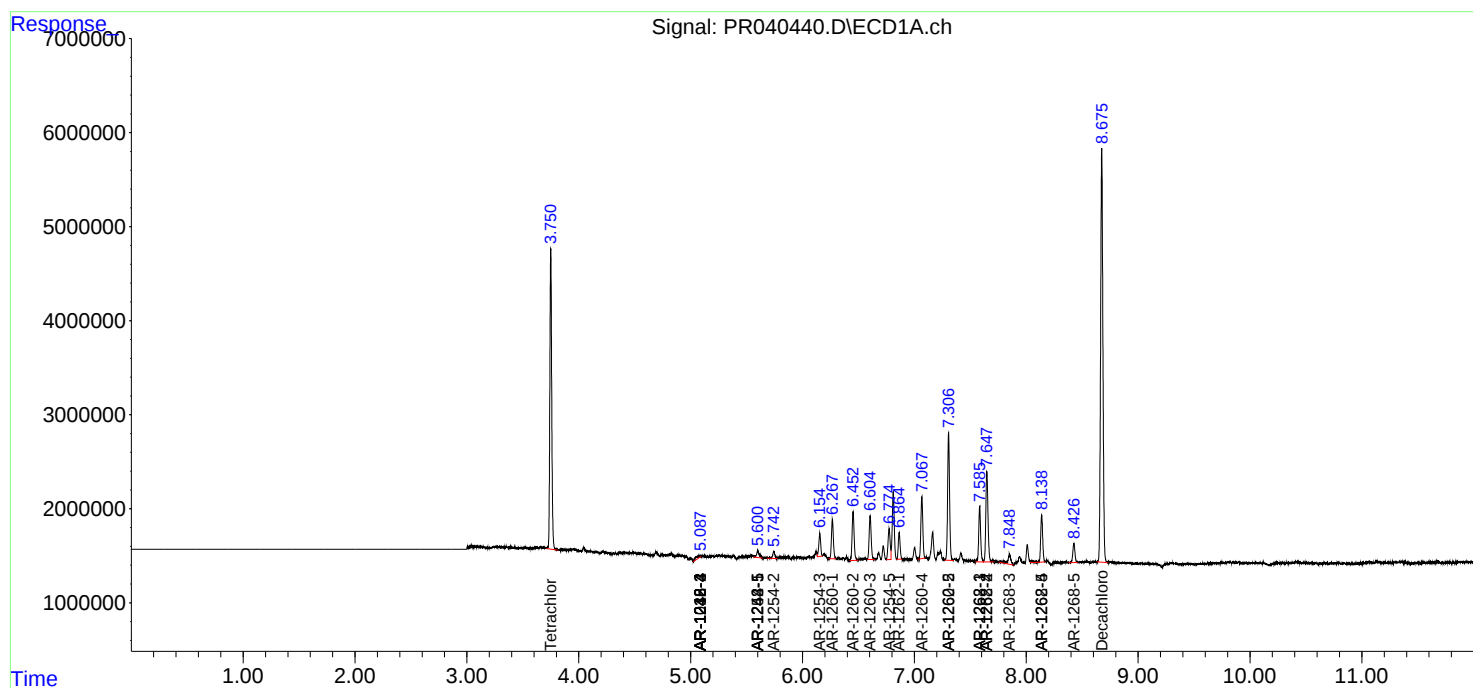
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

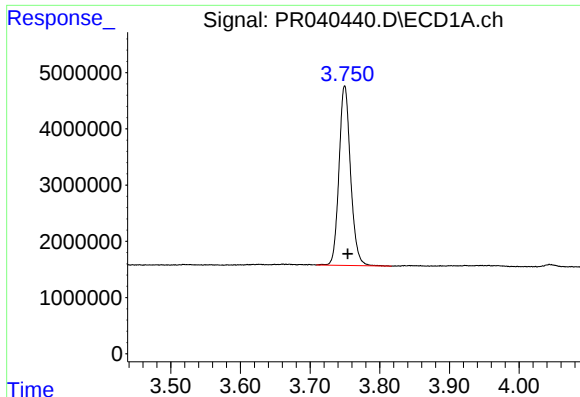
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081619\
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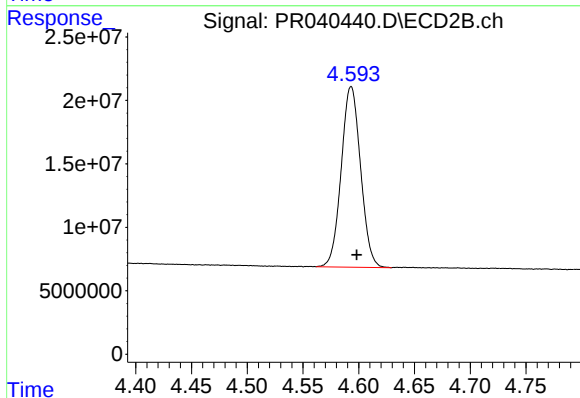




#1 Tetrachloro-m-xylene

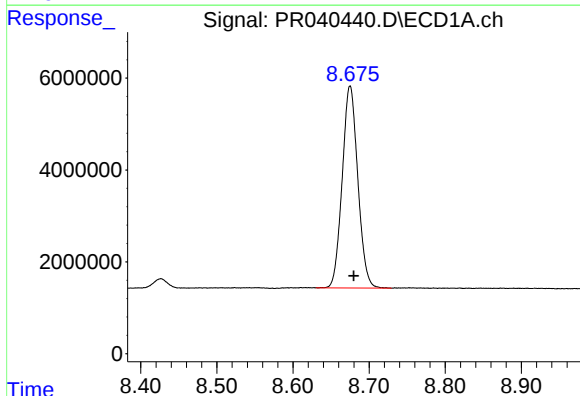
R.T.: 3.750 min
Delta R.T.: -0.004 min
Response: 36852692
Conc: 29.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254ICC500



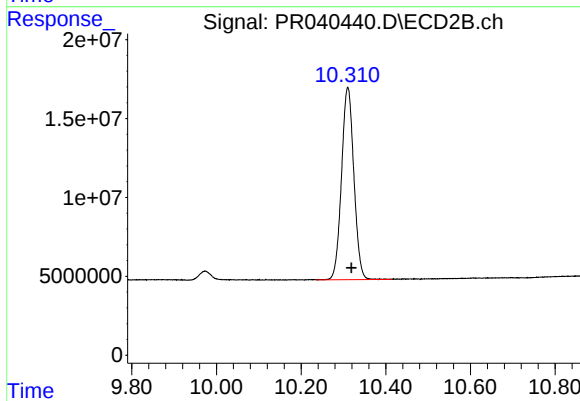
#1 Tetrachloro-m-xylene

R.T.: 4.593 min
Delta R.T.: -0.005 min
Response: 171891433
Conc: 27.87 ng/ml



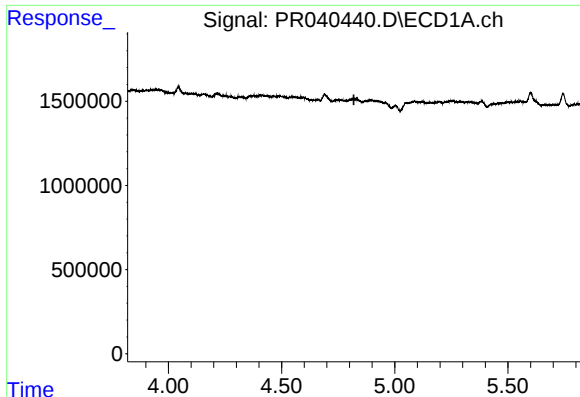
#2 Decachlorobiphenyl

R.T.: 8.675 min
Delta R.T.: -0.005 min
Response: 62603525
Conc: 21.73 ng/ml



#2 Decachlorobiphenyl

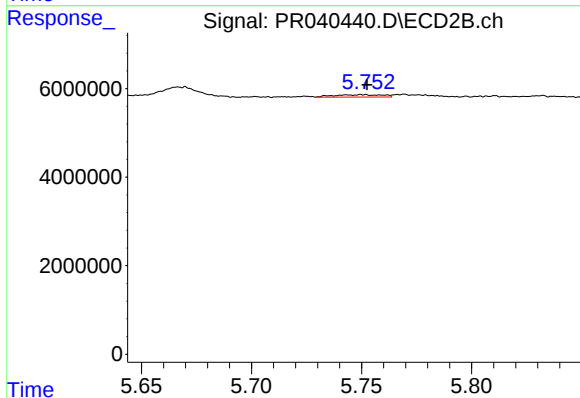
R.T.: 10.310 min
Delta R.T.: -0.009 min
Response: 246512778
Conc: 21.24 ng/ml



#3 AR-1016-1

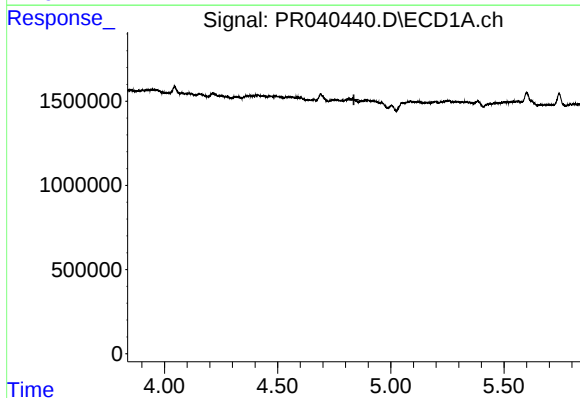
R.T.: 0.000 min
Exp R.T.: 4.820 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1254ICC500



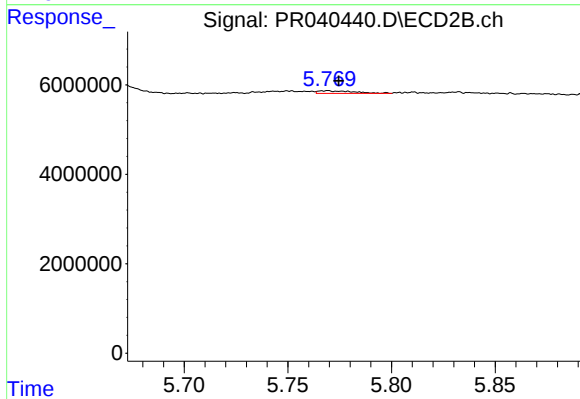
#3 AR-1016-1

R.T.: 5.751 min
Delta R.T.: -0.002 min
Response: 826300
Conc: 3.31 ng/ml



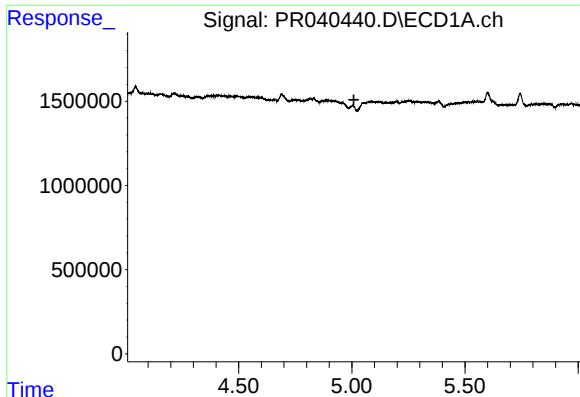
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 4.837 min
Response: 0
Conc: N.D.



#4 AR-1016-2

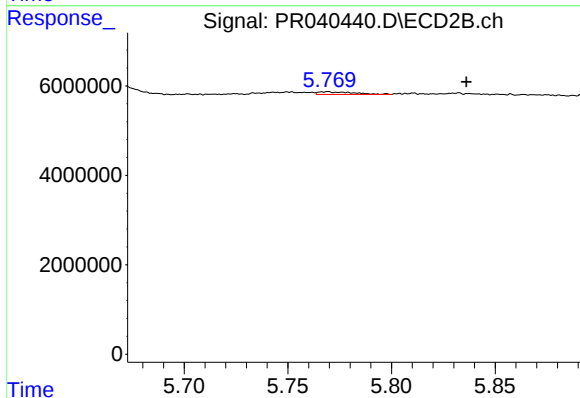
R.T.: 5.769 min
Delta R.T.: -0.006 min
Response: 691674
Conc: 1.77 ng/ml



#5 AR-1016-3

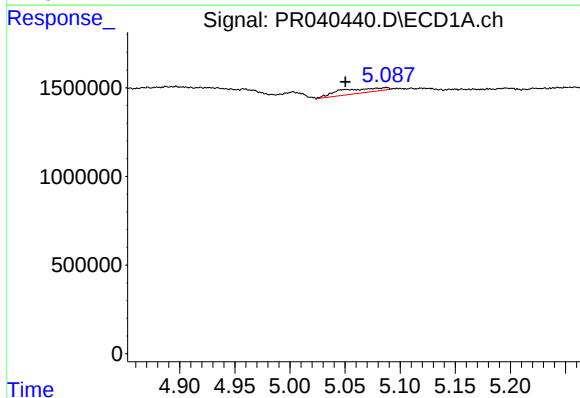
R.T.: 0.000 min
Exp R.T.: 5.009 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1254ICC500



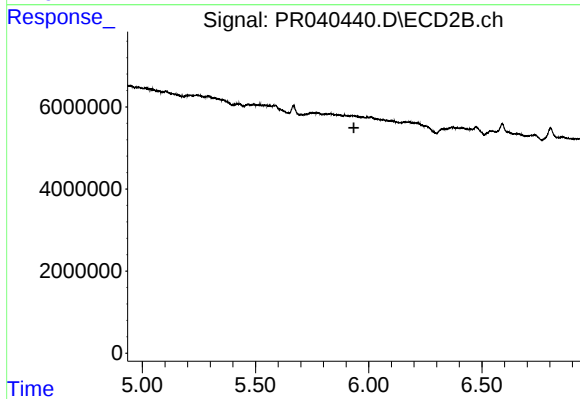
#5 AR-1016-3

R.T.: 5.769 min
Delta R.T.: -0.067 min
Response: 691674
Conc: 2.82 ng/ml



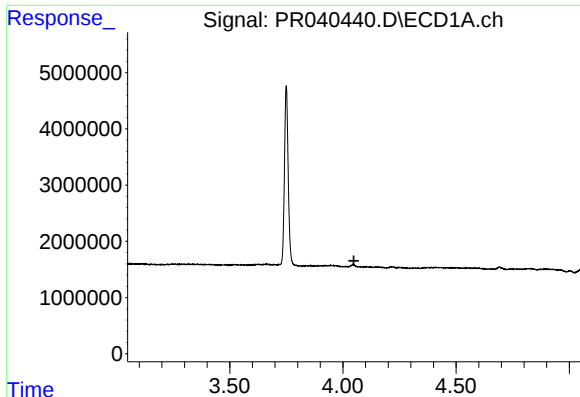
#6 AR-1016-4

R.T.: 5.088 min
Delta R.T.: 0.037 min
Response: 733688
Conc: 20.53 ng/ml



#6 AR-1016-4

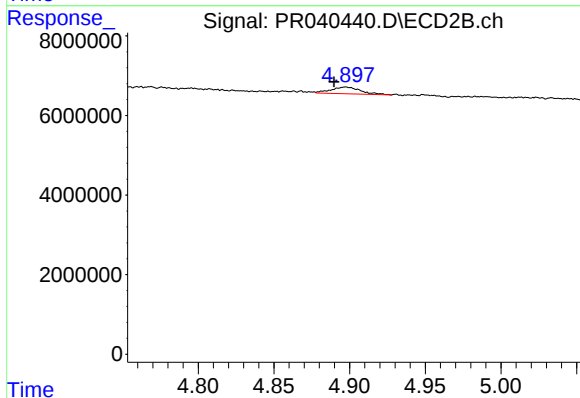
R.T.: 0.000 min
Exp R.T.: 5.934 min
Response: 0
Conc: N.D.



#9 AR-1221-2

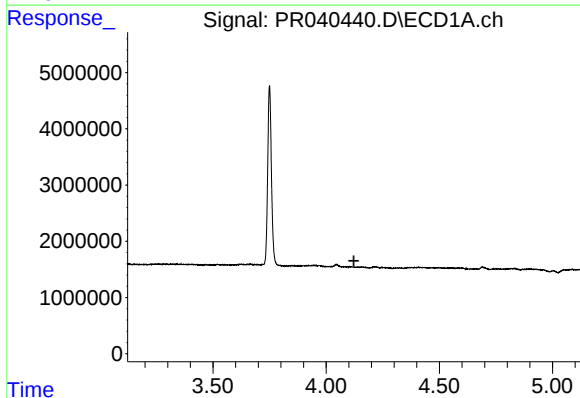
R.T.: 0.000 min
Exp R.T. : 4.048 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1254ICC500



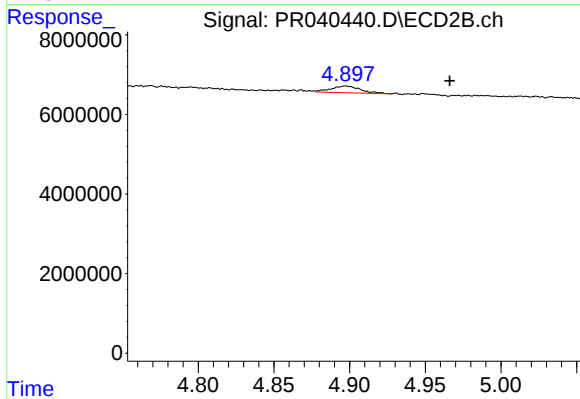
#9 AR-1221-2

R.T.: 4.898 min
Delta R.T.: 0.008 min
Response: 2306369
Conc: 36.74 ng/ml



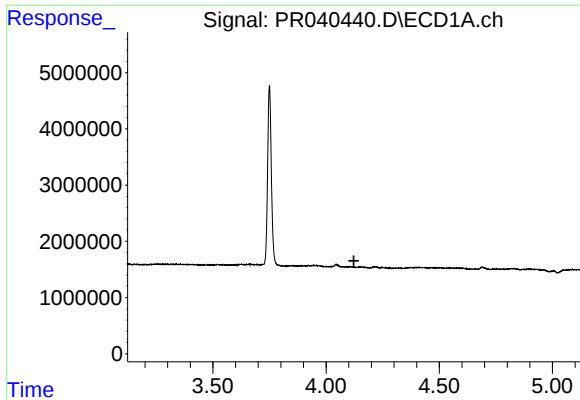
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.122 min
Response: 0
Conc: N.D.



#10 AR-1221-3

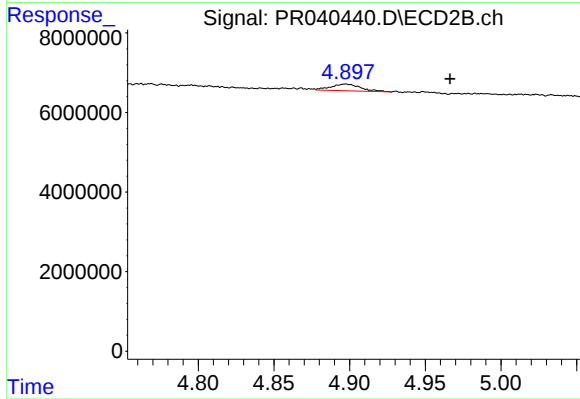
R.T.: 4.898 min
Delta R.T.: -0.069 min
Response: 2306369
Conc: 11.51 ng/ml



#11 AR-1232-1

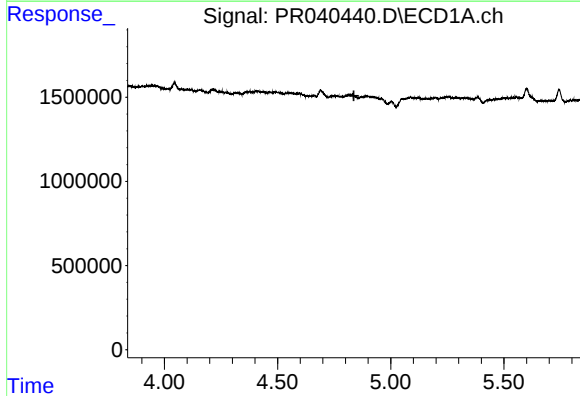
R.T.: 0.000 min
Exp R.T.: 4.123 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1254ICC500



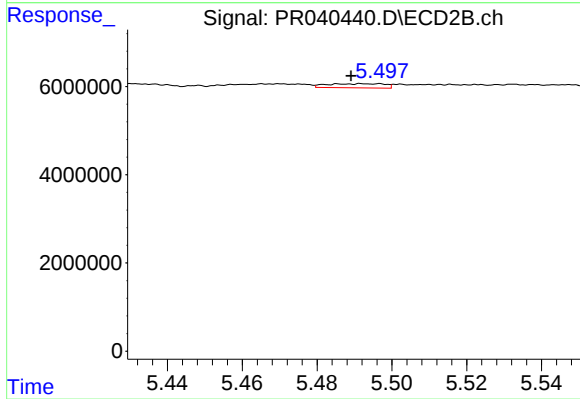
#11 AR-1232-1

R.T.: 4.898 min
Delta R.T.: -0.069 min
Response: 2306369
Conc: 11.09 ng/ml



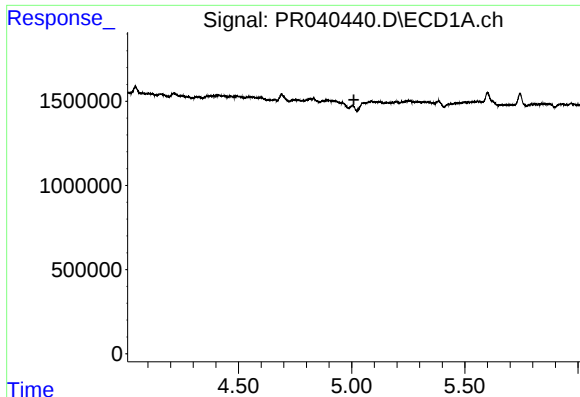
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 4.837 min
Response: 0
Conc: N.D.



#12 AR-1232-2

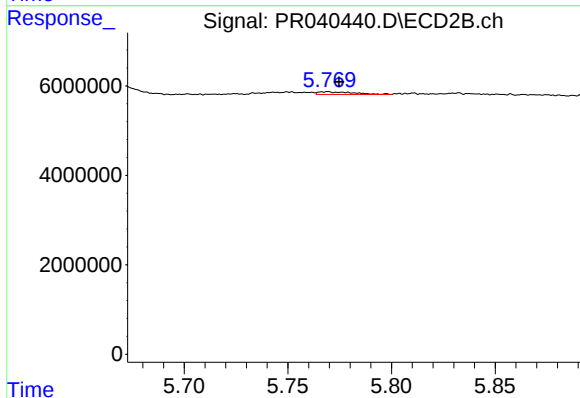
R.T.: 5.497 min
Delta R.T.: 0.008 min
Response: 992725
Conc: 8.73 ng/ml



#13 AR-1232-3

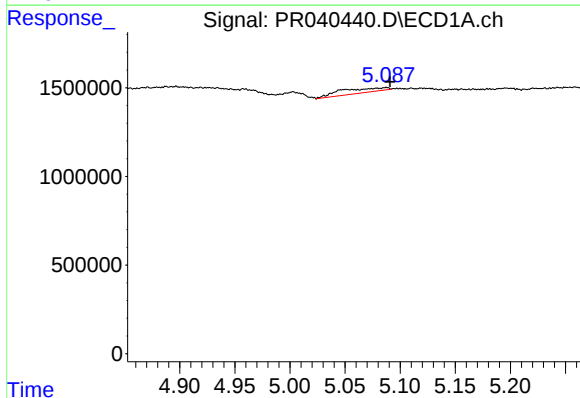
R.T.: 0.000 min
Exp R.T.: 5.010 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1254ICC500



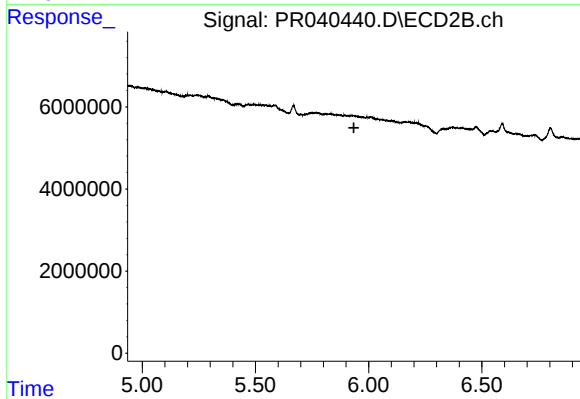
#13 AR-1232-3

R.T.: 5.769 min
Delta R.T.: -0.006 min
Response: 691674
Conc: 2.71 ng/ml



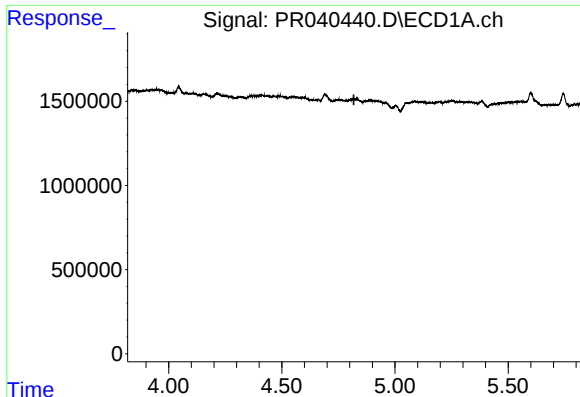
#14 AR-1232-4

R.T.: 5.088 min
Delta R.T.: -0.003 min
Response: 733688
Conc: 28.19 ng/ml



#14 AR-1232-4

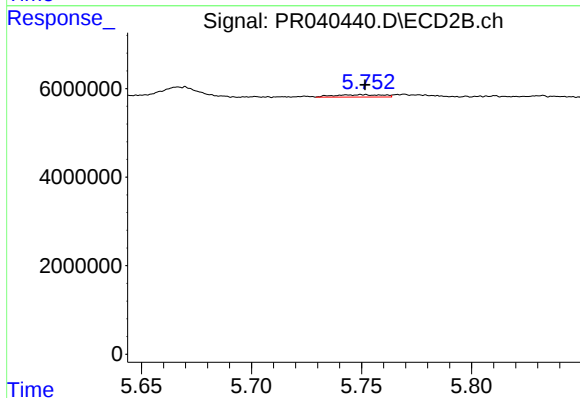
R.T.: 0.000 min
Exp R.T.: 5.935 min
Response: 0
Conc: N.D.



#16 AR-1242-1

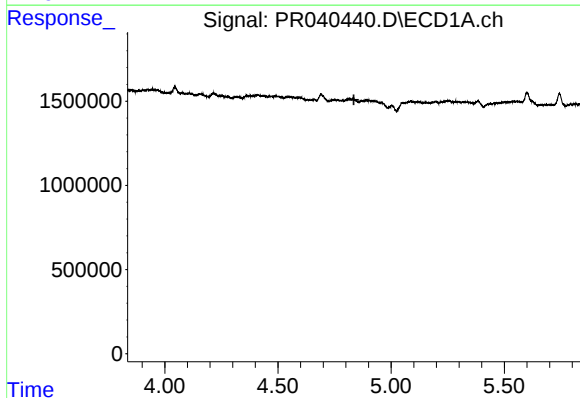
R.T.: 0.000 min
Exp R.T.: 4.819 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1254ICC500



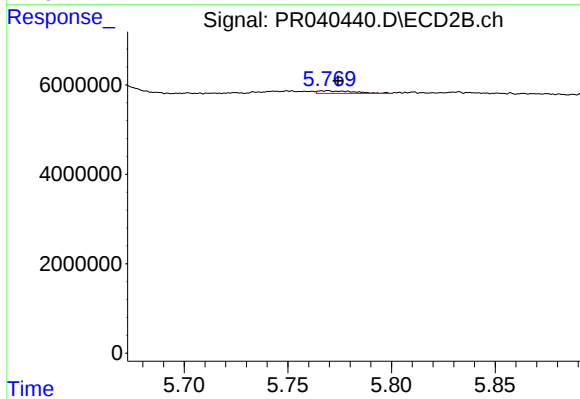
#16 AR-1242-1

R.T.: 5.751 min
Delta R.T.: -0.001 min
Response: 826300
Conc: 3.42 ng/ml



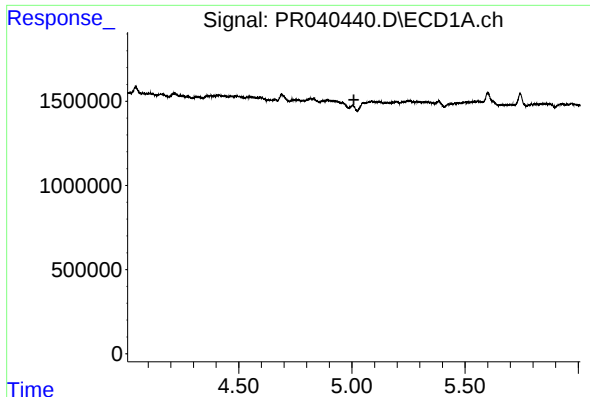
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 4.836 min
Response: 0
Conc: N.D.



#17 AR-1242-2

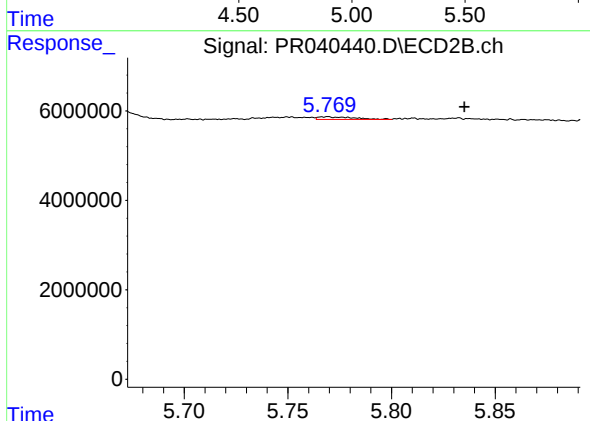
R.T.: 5.769 min
Delta R.T.: -0.005 min
Response: 691674
Conc: 1.87 ng/ml



#18 AR-1242-3

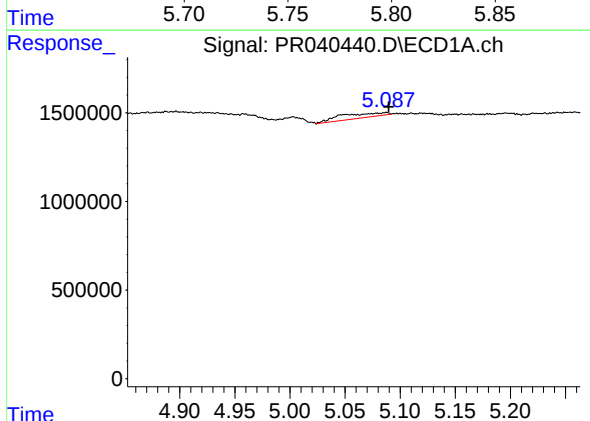
R.T.: 0.000 min
Exp R.T.: 5.009 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
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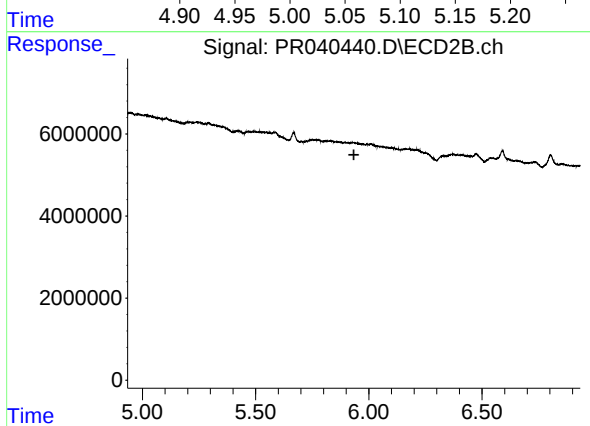
#18 AR-1242-3

R.T.: 5.769 min
Delta R.T.: -0.066 min
Response: 691674
Conc: 3.04 ng/ml



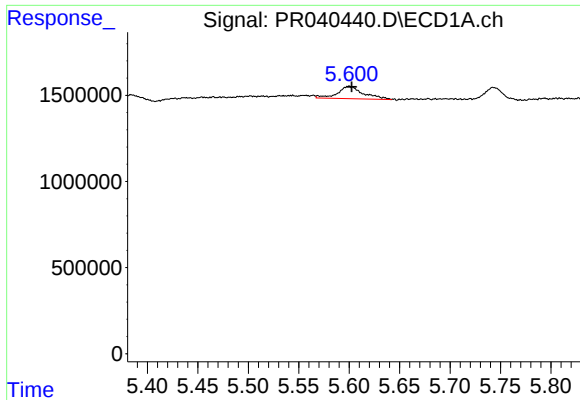
#19 AR-1242-4

R.T.: 5.088 min
Delta R.T.: -0.002 min
Response: 733688
Conc: 17.74 ng/ml



#19 AR-1242-4

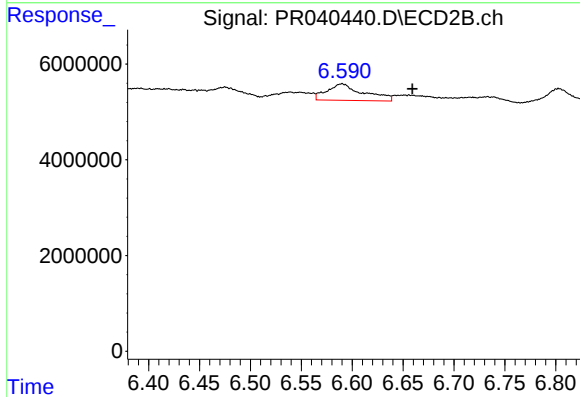
R.T.: 0.000 min
Exp R.T.: 5.934 min
Response: 0
Conc: N.D.



#20 AR-1242-5

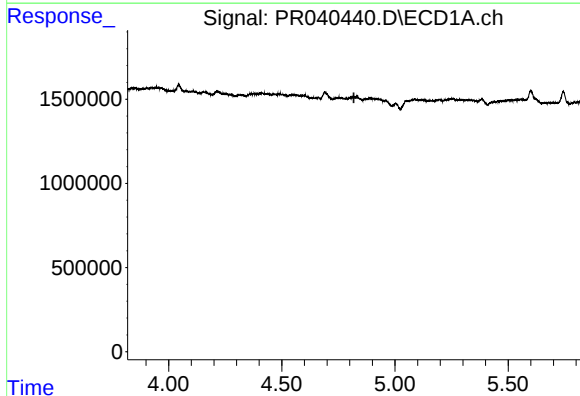
R.T.: 5.600 min
Delta R.T.: -0.002 min
Response: 1266099
Conc: 20.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254ICC500



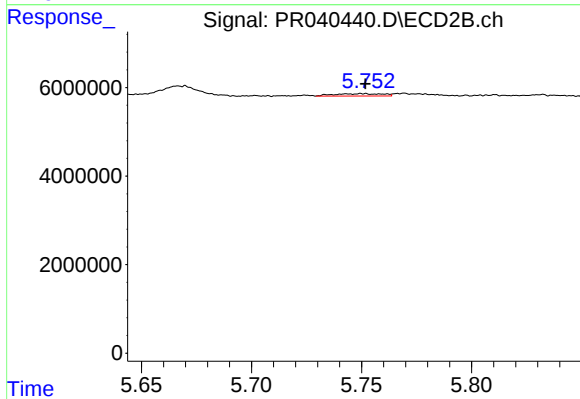
#20 AR-1242-5

R.T.: 6.590 min
Delta R.T.: -0.069 min
Response: 8572372
Conc: 37.25 ng/ml



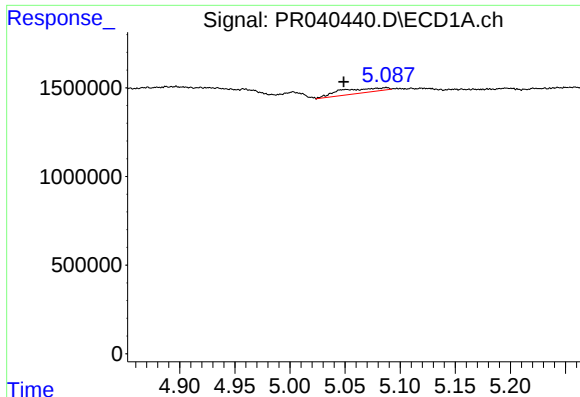
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.819 min
Response: 0
Conc: N.D.



#21 AR-1248-1

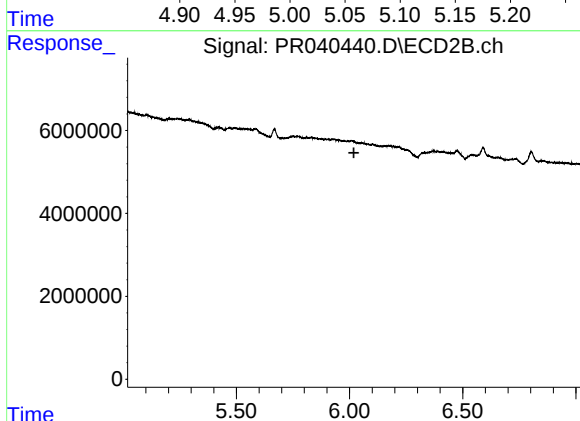
R.T.: 5.751 min
Delta R.T.: -0.001 min
Response: 826300
Conc: 4.94 ng/ml



#22 AR-1248-2

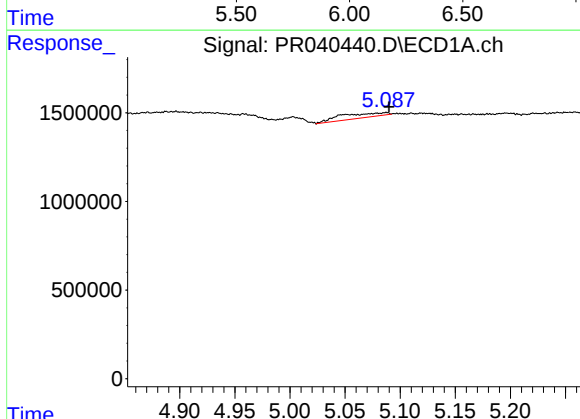
R.T.: 5.088 min
Delta R.T.: 0.039 min
Response: 733688
Conc: 13.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254ICC500



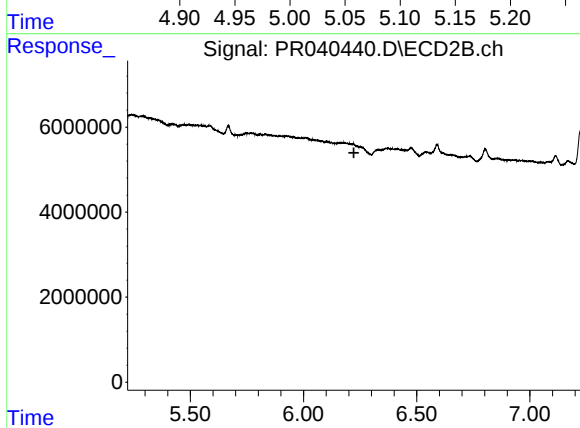
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.019 min
Response: 0
Conc: N.D.



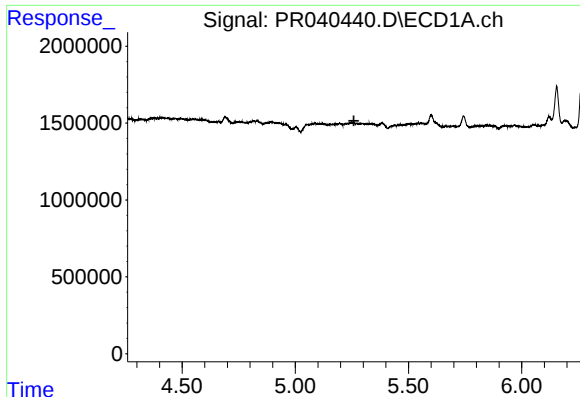
#23 AR-1248-3

R.T.: 5.088 min
Delta R.T.: -0.002 min
Response: 733688
Conc: 13.12 ng/ml



#23 AR-1248-3

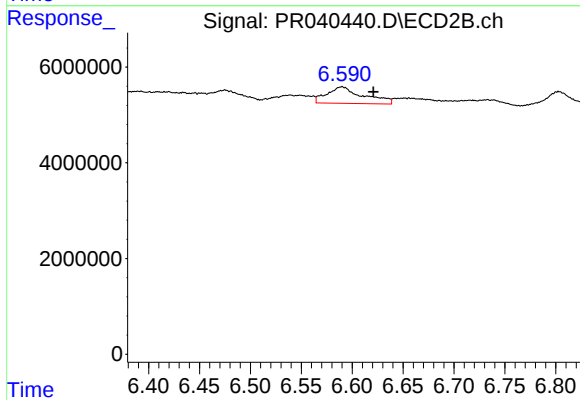
R.T.: 0.000 min
Exp R.T. : 6.222 min
Response: 0
Conc: N.D.



#24 AR-1248-4

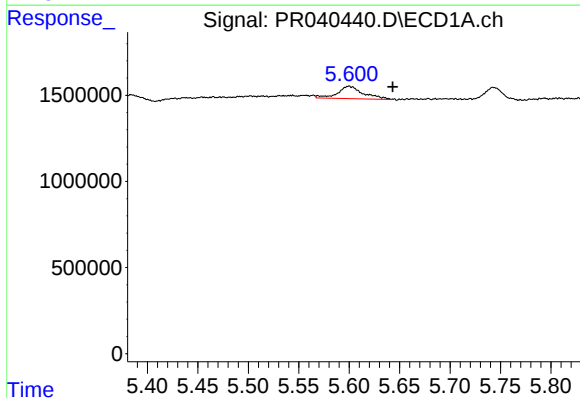
R.T.: 0.000 min
Exp R.T.: 5.259 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1254ICC500



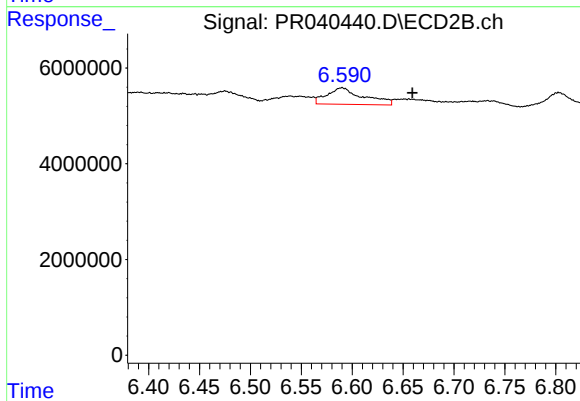
#24 AR-1248-4

R.T.: 6.590 min
Delta R.T.: -0.031 min
Response: 8572372
Conc: 23.88 ng/ml



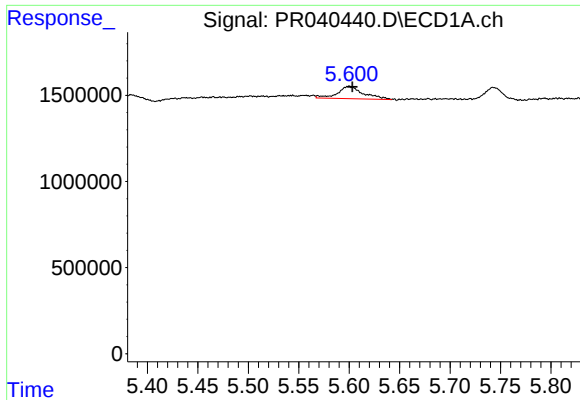
#25 AR-1248-5

R.T.: 5.600 min
Delta R.T.: -0.043 min
Response: 1266099
Conc: 16.38 ng/ml



#25 AR-1248-5

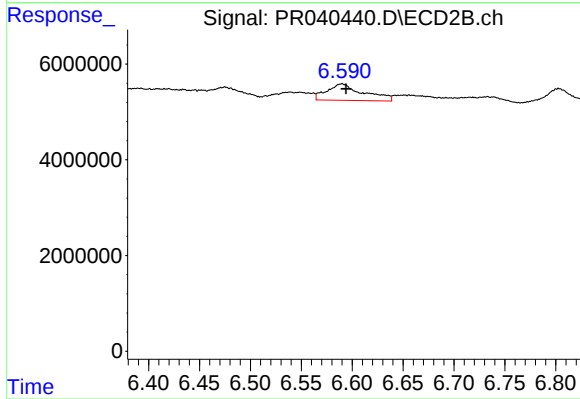
R.T.: 6.590 min
Delta R.T.: -0.069 min
Response: 8572372
Conc: 24.77 ng/ml



#26 AR-1254-1

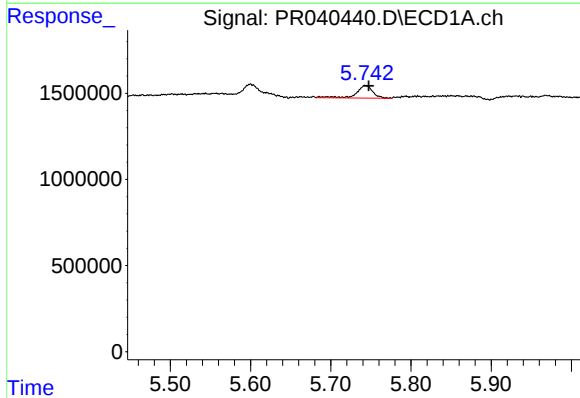
R.T.: 5.600 min
Delta R.T.: -0.003 min
Response: 1266099
Conc: 9.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254ICC500



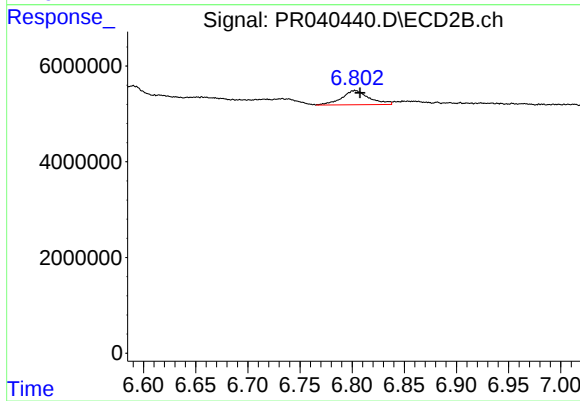
#26 AR-1254-1

R.T.: 6.590 min
Delta R.T.: -0.004 min
Response: 8572372
Conc: 21.71 ng/ml



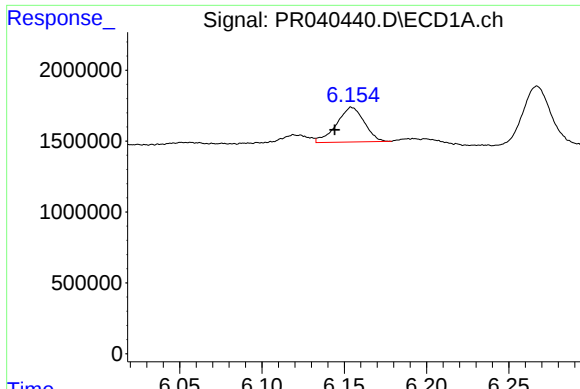
#27 AR-1254-2

R.T.: 5.742 min
Delta R.T.: -0.005 min
Response: 1048346
Conc: 8.79 ng/ml



#27 AR-1254-2

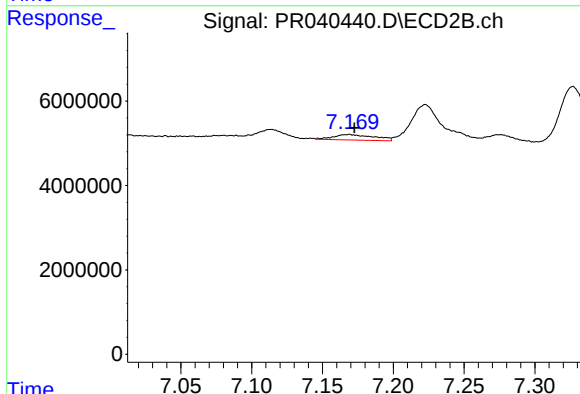
R.T.: 6.803 min
Delta R.T.: -0.005 min
Response: 5414019
Conc: 8.56 ng/ml



#28 AR-1254-3

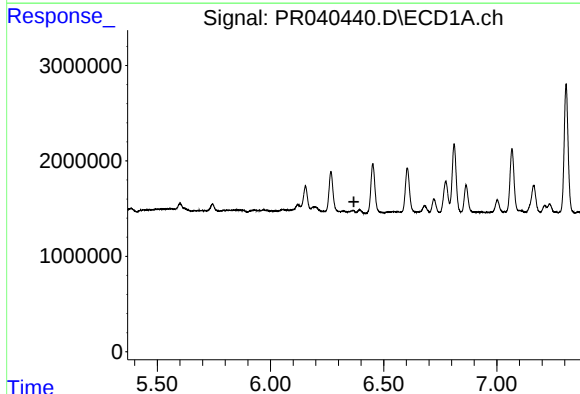
R.T.: 6.154 min
Delta R.T.: 0.010 min
Response: 2870737
Conc: 13.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254ICC500



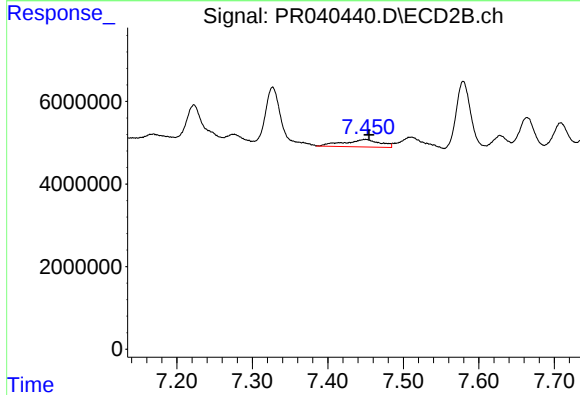
#28 AR-1254-3

R.T.: 7.169 min
Delta R.T.: -0.004 min
Response: 2583471
Conc: 3.58 ng/ml



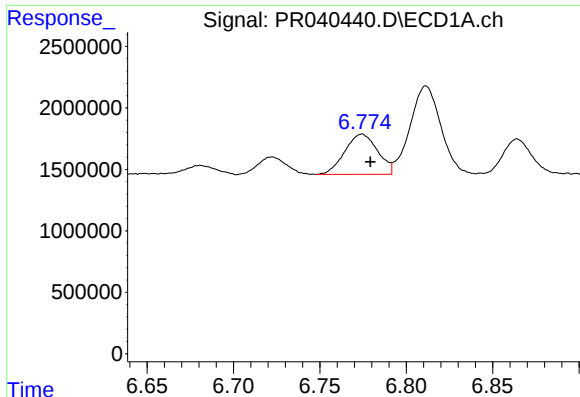
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.368 min
Response: 0
Conc: N.D.



#29 AR-1254-4

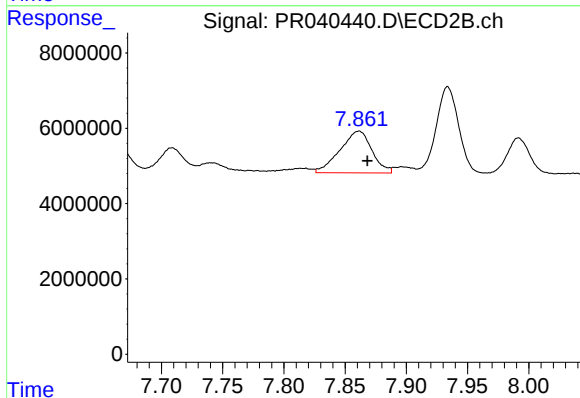
R.T.: 7.450 min
Delta R.T.: -0.004 min
Response: 6016333
Conc: 10.96 ng/ml



#30 AR-1254-5

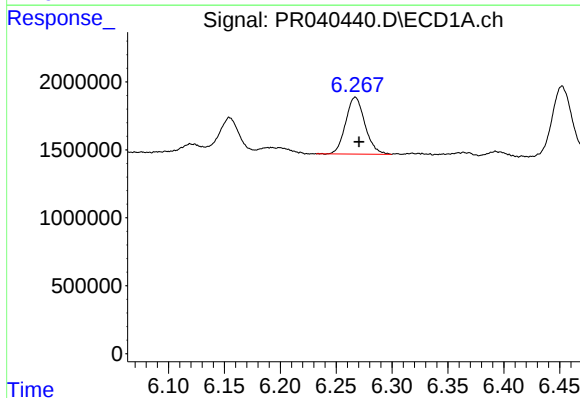
R.T.: 6.774 min
Delta R.T.: -0.005 min
Response: 4340049
Conc: 21.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254ICC500



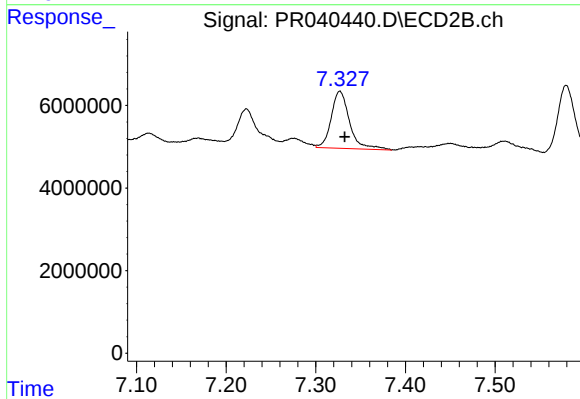
#30 AR-1254-5

R.T.: 7.861 min
Delta R.T.: -0.007 min
Response: 20119837
Conc: 33.71 ng/ml



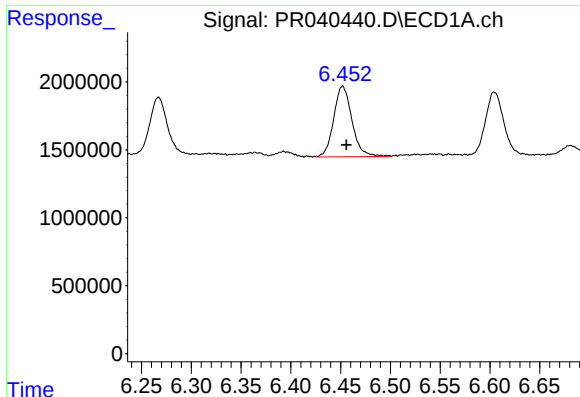
#31 AR-1260-1

R.T.: 6.267 min
Delta R.T.: -0.003 min
Response: 5018491
Conc: 44.49 ng/ml



#31 AR-1260-1

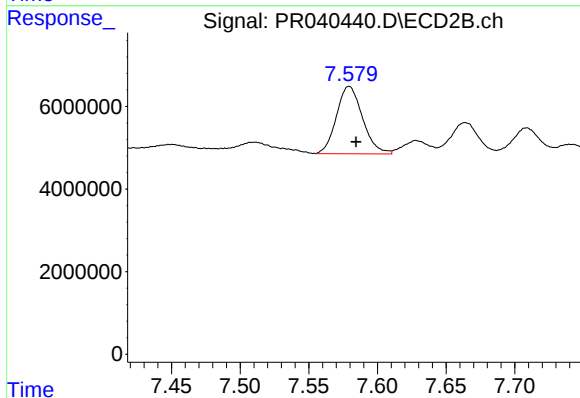
R.T.: 7.327 min
Delta R.T.: -0.005 min
Response: 19680157
Conc: 47.81 ng/ml



#32 AR-1260-2

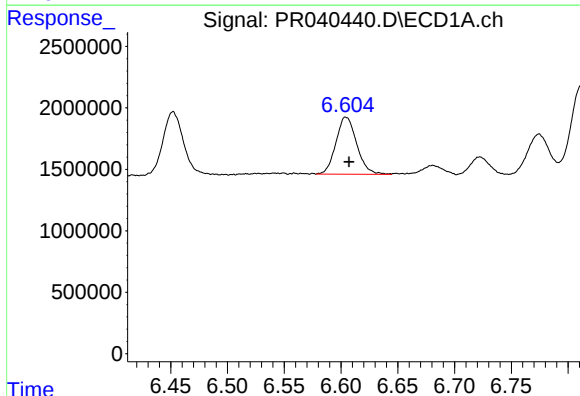
R.T.: 6.452 min
Delta R.T.: -0.004 min
Response: 6607638
Conc: 45.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254ICC500



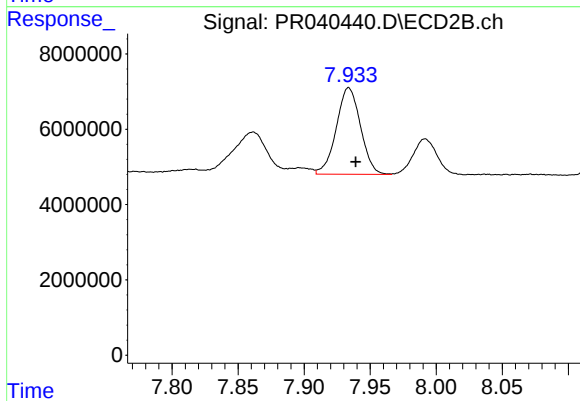
#32 AR-1260-2

R.T.: 7.579 min
Delta R.T.: -0.005 min
Response: 21573896
Conc: 42.45 ng/ml



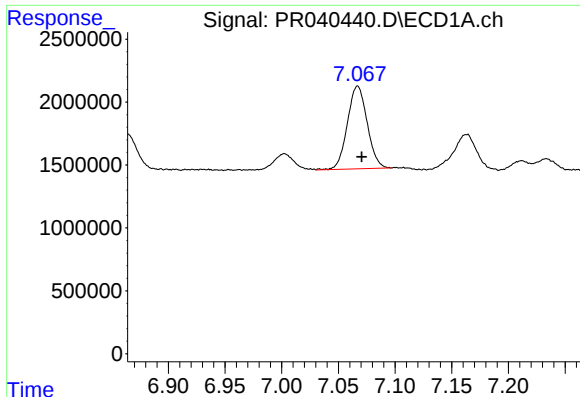
#33 AR-1260-3

R.T.: 6.604 min
Delta R.T.: -0.003 min
Response: 5948467
Conc: 44.31 ng/ml



#33 AR-1260-3

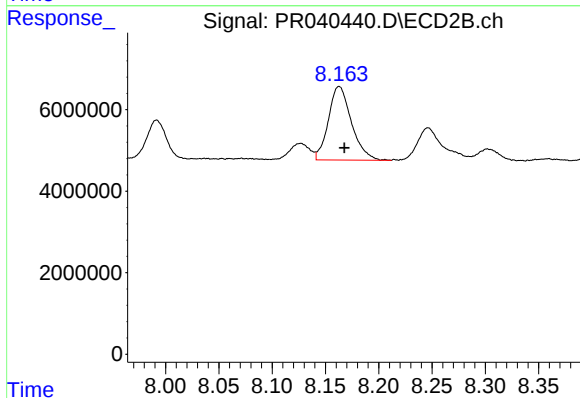
R.T.: 7.934 min
Delta R.T.: -0.005 min
Response: 29243933
Conc: 71.44 ng/ml



#34 AR-1260-4

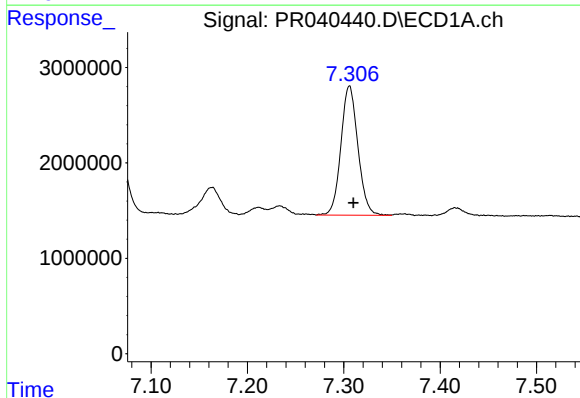
R.T.: 7.067 min
Delta R.T.: -0.004 min
Response: 7992269
Conc: 64.28 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254ICC500



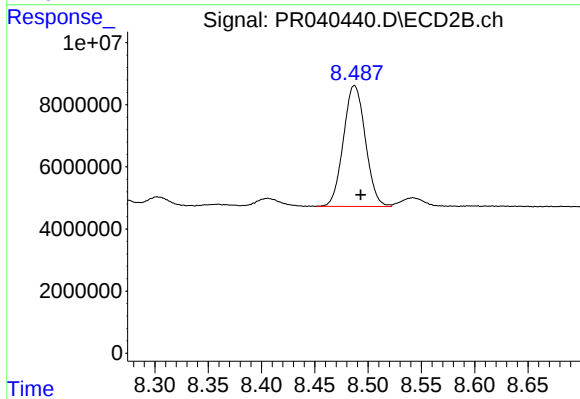
#34 AR-1260-4

R.T.: 8.163 min
Delta R.T.: -0.005 min
Response: 27144394
Conc: 56.92 ng/ml



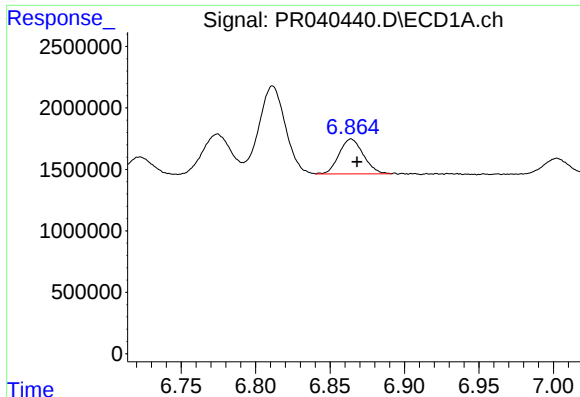
#35 AR-1260-5

R.T.: 7.306 min
Delta R.T.: -0.004 min
Response: 16558209
Conc: 52.51 ng/ml



#35 AR-1260-5

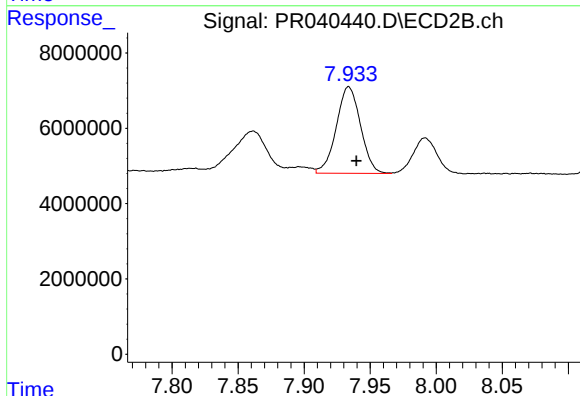
R.T.: 8.487 min
Delta R.T.: -0.006 min
Response: 55849392
Conc: 53.84 ng/ml



#36 AR-1262-1

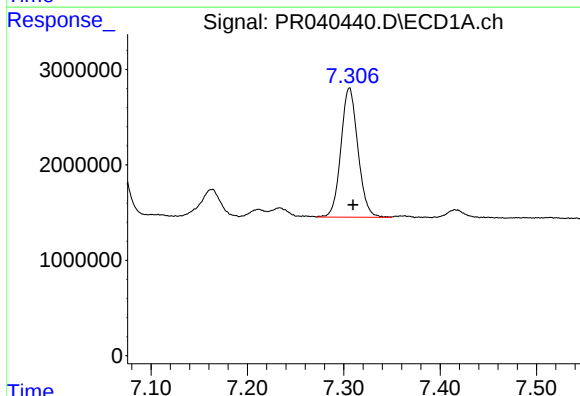
R.T.: 6.864 min
Delta R.T.: -0.004 min
Response: 3223782
Conc: 47.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254ICC500



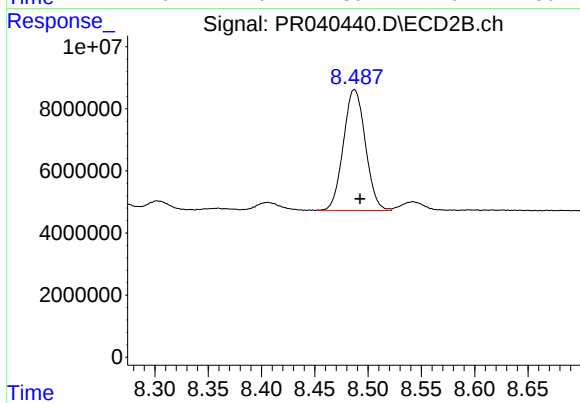
#36 AR-1262-1

R.T.: 7.934 min
Delta R.T.: -0.006 min
Response: 29243933
Conc: 48.92 ng/ml



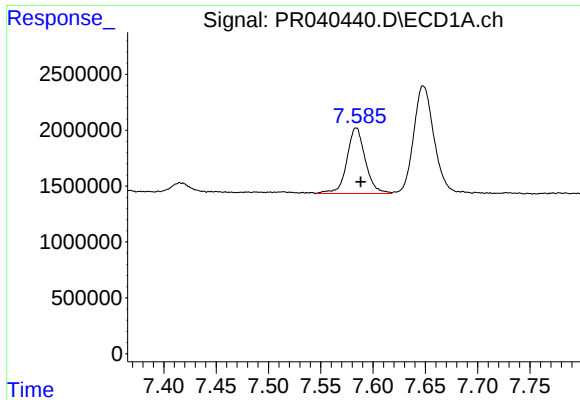
#37 AR-1262-2

R.T.: 7.306 min
Delta R.T.: -0.003 min
Response: 16558209
Conc: 47.06 ng/ml



#37 AR-1262-2

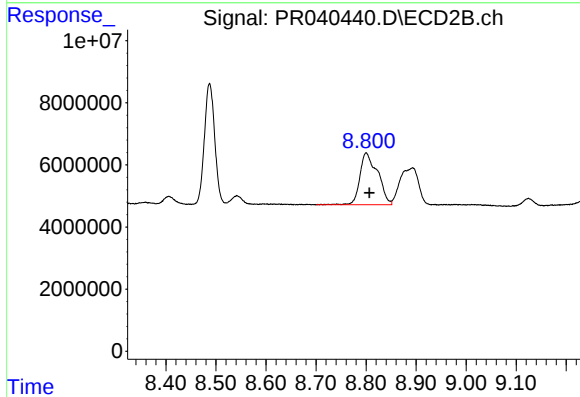
R.T.: 8.487 min
Delta R.T.: -0.005 min
Response: 55849392
Conc: 46.94 ng/ml



#38 AR-1262-3

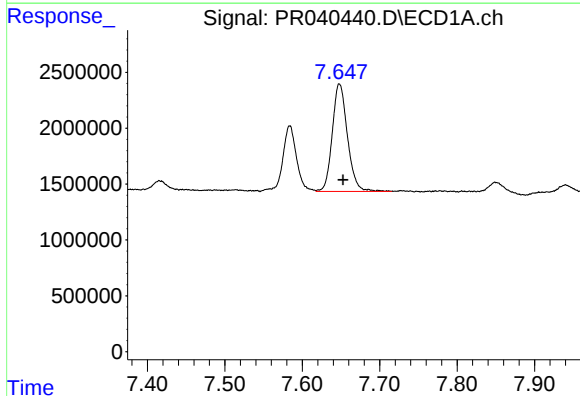
R.T.: 7.584 min
Delta R.T.: -0.004 min
Response: 7203286
Conc: 51.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254ICC500



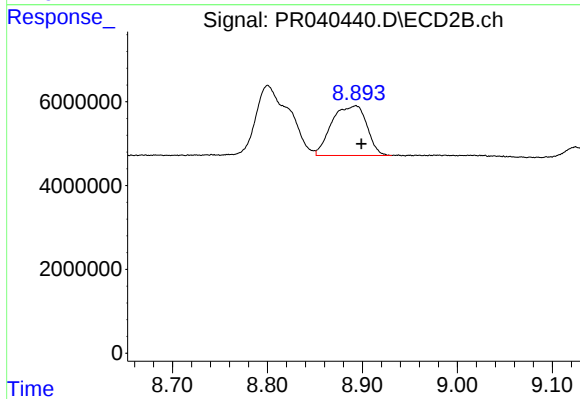
#38 AR-1262-3

R.T.: 8.800 min
Delta R.T.: -0.007 min
Response: 41151164
Conc: 50.84 ng/ml



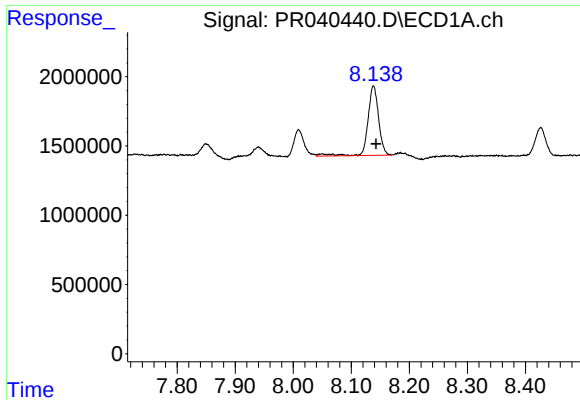
#39 AR-1262-4

R.T.: 7.648 min
Delta R.T.: -0.005 min
Response: 13121279
Conc: 49.44 ng/ml



#39 AR-1262-4

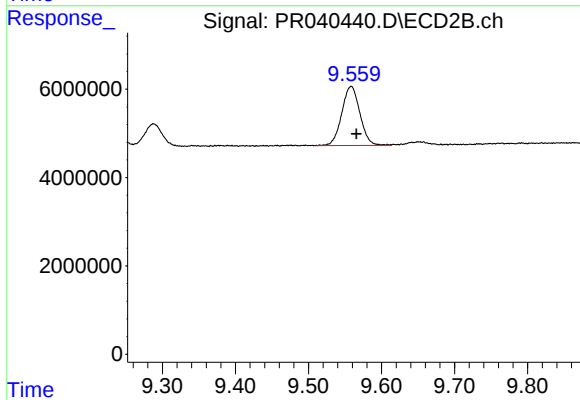
R.T.: 8.893 min
Delta R.T.: -0.006 min
Response: 30402706
Conc: 48.98 ng/ml



#40 AR-1262-5

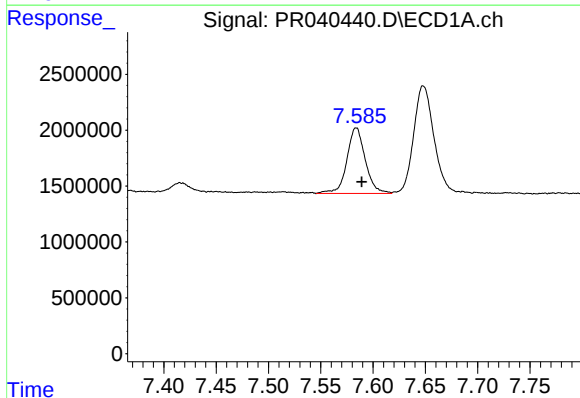
R.T.: 8.138 min
Delta R.T.: -0.004 min
Response: 6487788
Conc: 49.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254ICC500



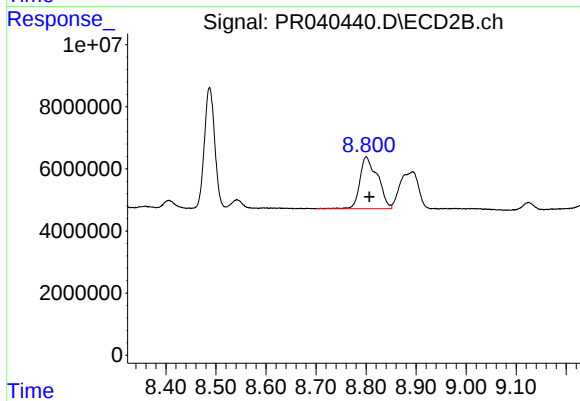
#40 AR-1262-5

R.T.: 9.559 min
Delta R.T.: -0.007 min
Response: 23144104
Conc: 49.00 ng/ml



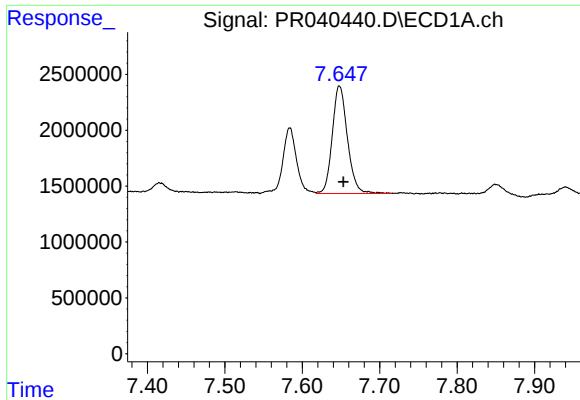
#41 AR-1268-1

R.T.: 7.584 min
Delta R.T.: -0.005 min
Response: 7203286
Conc: 19.58 ng/ml



#41 AR-1268-1

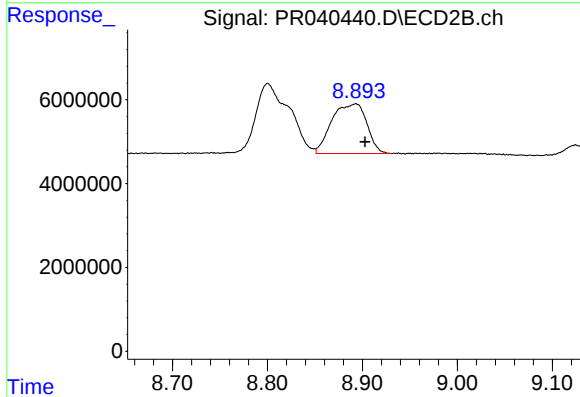
R.T.: 8.800 min
Delta R.T.: -0.006 min
Response: 41151164
Conc: 31.44 ng/ml



#42 AR-1268-2

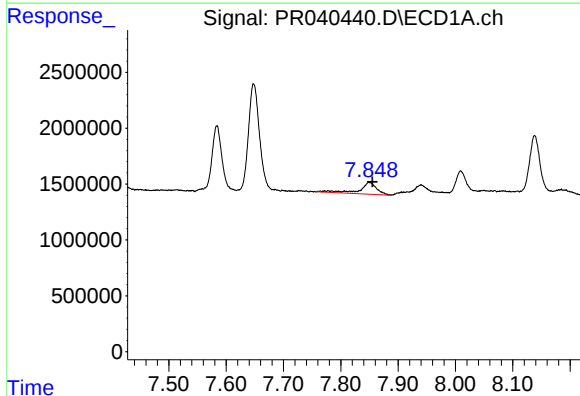
R.T.: 7.648 min
Delta R.T.: -0.005 min
Response: 13121279
Conc: 38.30 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254ICC500



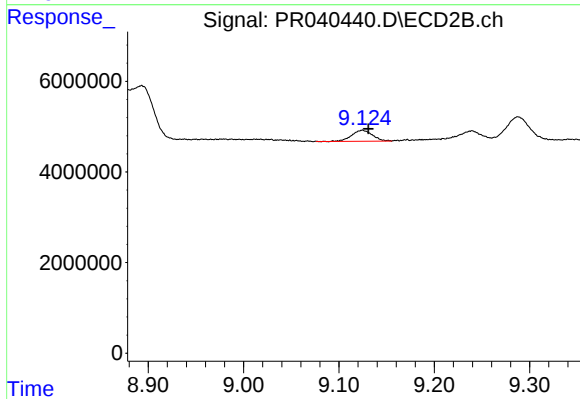
#42 AR-1268-2

R.T.: 8.893 min
Delta R.T.: -0.009 min
Response: 30402706
Conc: 24.42 ng/ml



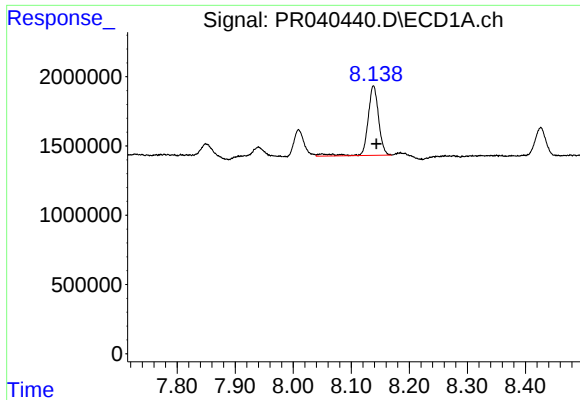
#43 AR-1268-3

R.T.: 7.849 min
Delta R.T.: -0.006 min
Response: 2225175
Conc: 7.78 ng/ml



#43 AR-1268-3

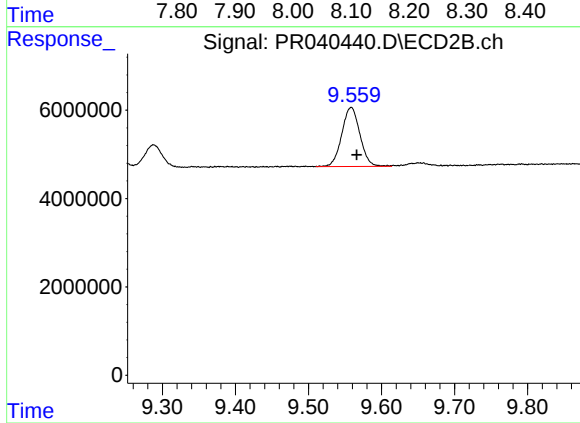
R.T.: 9.125 min
Delta R.T.: -0.006 min
Response: 3736093
Conc: 3.54 ng/ml



#44 AR-1268-4

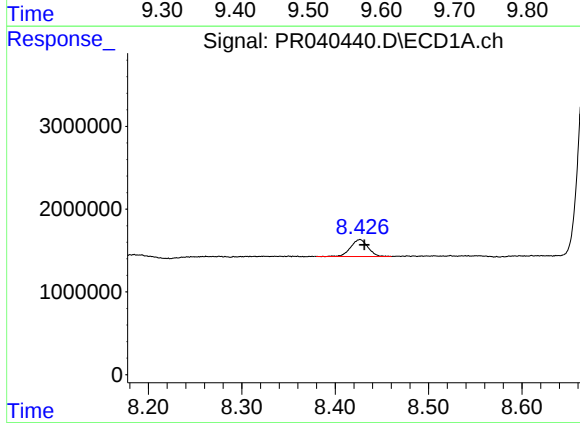
R.T.: 8.138 min
Delta R.T.: -0.005 min
Response: 6487788
Conc: 47.93 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1254ICC500



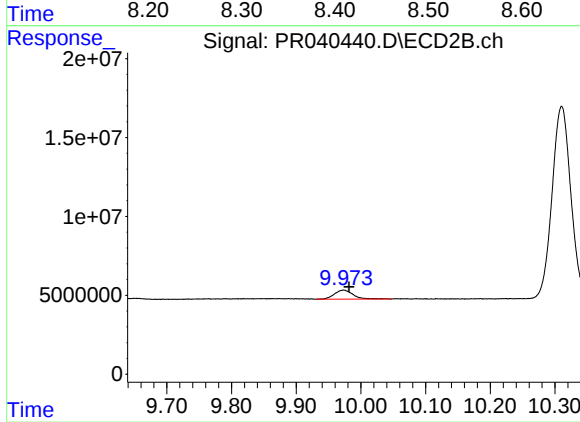
#44 AR-1268-4

R.T.: 9.559 min
Delta R.T.: -0.007 min
Response: 23144104
Conc: 47.18 ng/ml



#45 AR-1268-5

R.T.: 8.427 min
Delta R.T.: -0.005 min
Response: 2618803
Conc: 2.54 ng/ml



#45 AR-1268-5

R.T.: 9.973 min
Delta R.T.: -0.008 min
Response: 11348416
Conc: 2.88 ng/ml