

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072022\
 Data File : P0088188.D
 Signal(s) : ECD1A.ch
 Acq On : 20 Jul 22 09:50 am
 Operator : YP/AJ
 Sample : HEXANE
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 HEXANE

Integration File: autoint1.e
 Quant Time: Jul 20 12:18:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 15 03:57:23 2022
 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...	4.490f	3.609	1489936	202000	0.584	0.214 #
2) SA Decachlor...	10.302	8.651	268789	131677	0.127	0.126
Target Compounds						
5) L1 AR-1016-3	5.669f	0.000	225122	0	2.902	N.D. #
6) L1 AR-1016-4	5.758f	4.972f	99121	449934	1.607	19.342 #
7) L1 AR-1016-5	0.000	5.082f	0	115885	N.D.	3.916 #
8) L2 AR-1221-1	4.704f	3.811	163308	381409	5.397	36.458 #
9) L2 AR-1221-2	4.724	0.000	435686	0	19.656	N.D. #
10) L2 AR-1221-3	4.764f	3.993	198045	818171	2.874	31.935 #
11) L3 AR-1232-1	4.764f	3.993	198045	818171	3.811	42.292 #
12) L3 AR-1232-2	5.111f	4.704	359651	-114369	14.029	N.D. #
13) L3 AR-1232-3	5.645	0.000	216616	0	4.505	N.D. #
14) L3 AR-1232-4	5.758f	4.972	99121	449934	4.262	46.318 #
15) L3 AR-1232-5	0.000	5.082f	0	115885	N.D.	10.655 #
18) L4 AR-1242-3	5.669f	0.000	225122	0	3.710	N.D. #
19) L4 AR-1242-4	5.758f	4.972	99121	449934	2.058	19.243 #
20) L4 AR-1242-5	6.544	0.000	8605065	0	163.397	N.D. #
22) L5 AR-1248-2	0.000	4.972f	0	449934	N.D.	13.338 #
23) L5 AR-1248-3	0.000	4.972	0	449934	N.D.	12.947 #
24) L5 AR-1248-4	6.526	5.082f	5015105	115885	54.567	2.768 #
25) L5 AR-1248-5	6.544	5.560	8605065	865592	95.679	24.025 #
26) L6 AR-1254-1	6.491	0.000	20517225	0	216.396	N.D. #
27) L6 AR-1254-2	6.668f	5.645	18011312	494474	125.463	9.644 #
28) L6 AR-1254-3	7.079	5.987f	42878243	4202796	292.731	51.791 #
29) L6 AR-1254-4	7.337	6.254	15912773	277239	147.030	5.559 #
30) L6 AR-1254-5	7.745f	0.000	8723203	0	72.480	N.D. #
31) L7 AR-1260-1	7.232	0.000	8597255	0	73.887	N.D. #
32) L7 AR-1260-2	7.513	0.000	13530225	0	100.140	N.D. #
33) L7 AR-1260-3	7.877	6.491	4390108	33831336	47.953	543.893 #
34) L7 AR-1260-4	8.087	6.980	674780	21868208	6.247	462.328 #
35) L7 AR-1260-5	8.409	7.218	887865	22301283	4.327	194.912 #
36) L8 AR-1262-1	7.877	0.000	4390108	0	31.959	N.D. #
37) L8 AR-1262-2	8.409	7.218	887865	22301283	3.773	165.976 #
38) L8 AR-1262-3	8.794f	7.513	1521373	15058205	9.179	276.117 #
39) L8 AR-1262-4	8.794	7.562	1521373	9363631	18.224	92.559 #
40) L8 AR-1262-5	9.511	8.087	1508453	4465038	16.926	90.912 #
41) L9 AR-1268-1	8.794f	7.513	1521373	15058205	5.379	95.039 #
42) L9 AR-1268-2	8.794	7.562	1521373	9363631	5.851	65.097 #
43) L9 AR-1268-3	0.000	7.745	0	12320532	N.D.	98.915 #
44) L9 AR-1268-4	9.511	8.087	1508453	4465038	15.385	83.228 #
45) L9 AR-1268-5	9.933	8.409f	806630	4410068	1.110	11.405 #

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QLast Update : Fri Jul 15 03:57:23 2022
Response via : Initial Calibration
Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

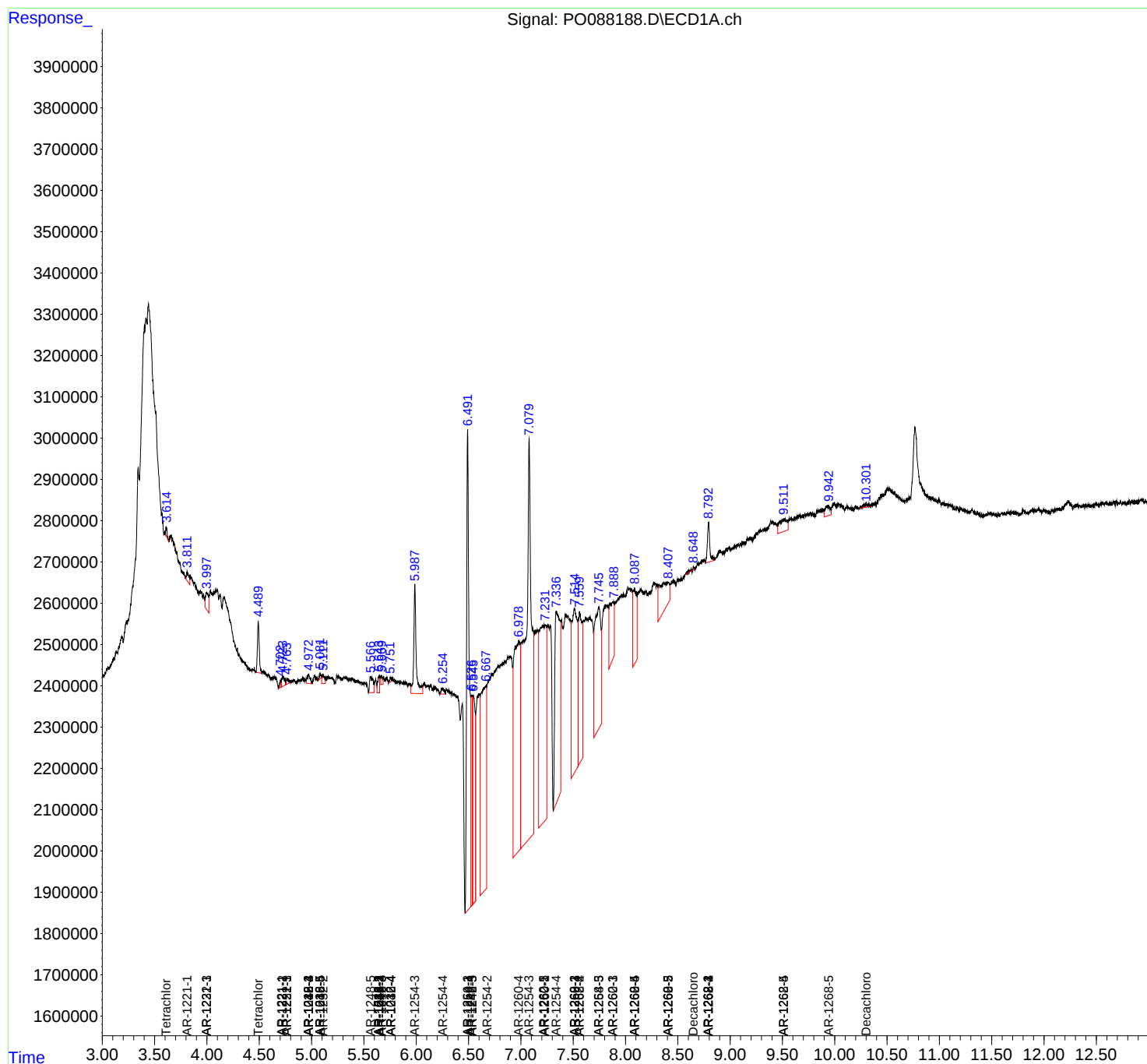
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

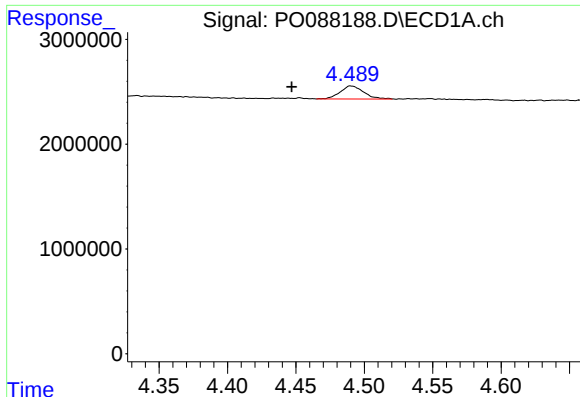
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072022\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

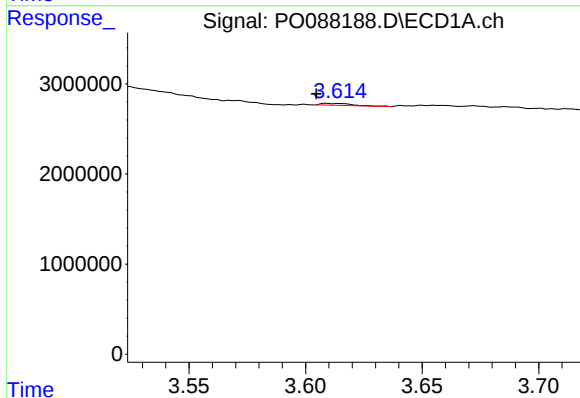




#1 Tetrachloro-m-xylene

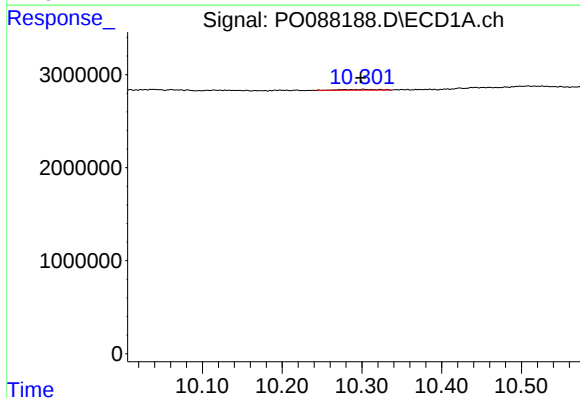
R.T.: 4.490 min
Delta R.T.: 0.043 min
Response: 1489936
Conc: 0.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



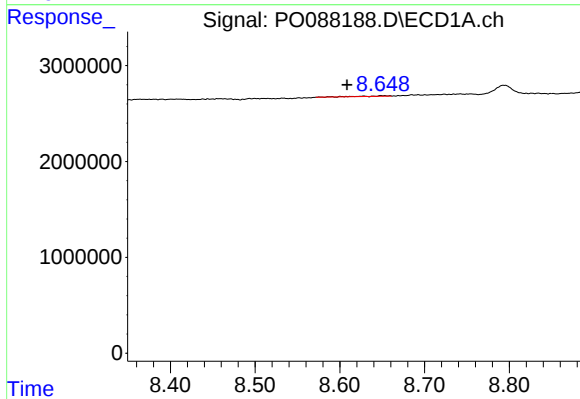
#1 Tetrachloro-m-xylene

R.T.: 3.609 min
Delta R.T.: 0.005 min
Response: 202000
Conc: 0.21 ng/ml



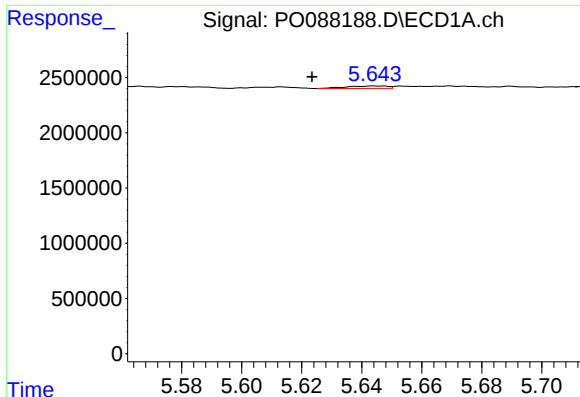
#2 Decachlorobiphenyl

R.T.: 10.302 min
Delta R.T.: 0.004 min
Response: 268789
Conc: 0.13 ng/ml



#2 Decachlorobiphenyl

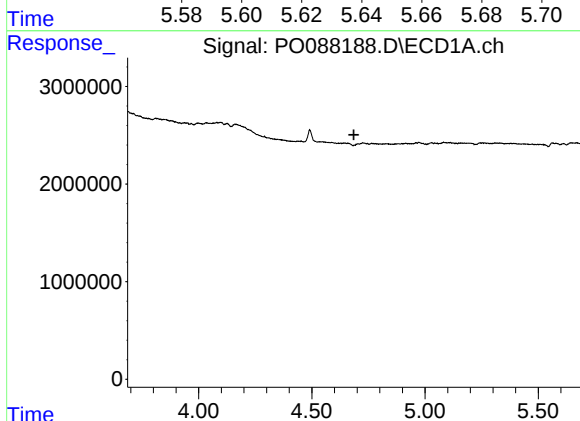
R.T.: 8.651 min
Delta R.T.: 0.042 min
Response: 131677
Conc: 0.13 ng/ml



#3 AR-1016-1

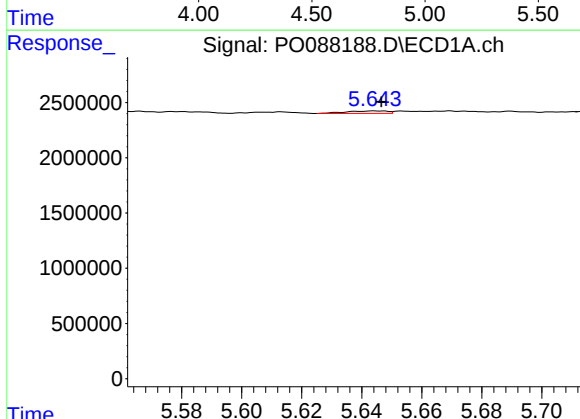
R.T.: 5.645 min
Delta R.T.: 0.021 min
Response: 216616
Conc: 2.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



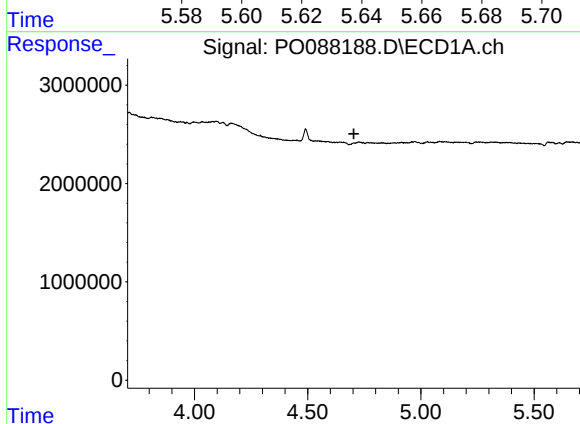
#3 AR-1016-1

R.T.: 4.704 min
Delta R.T.: 0.018 min
Response: -114369
Conc: N.D.



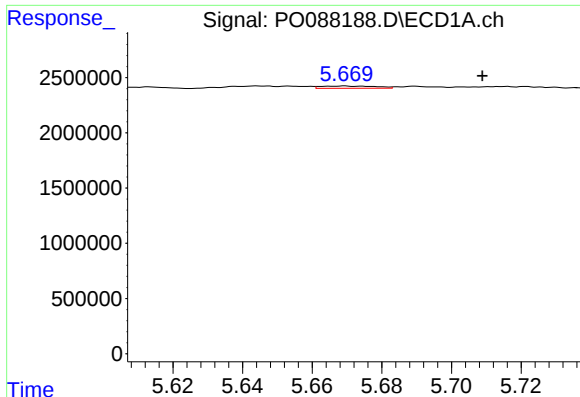
#4 AR-1016-2

R.T.: 5.645 min
Delta R.T.: -0.002 min
Response: 216616
Conc: 1.73 ng/ml



#4 AR-1016-2

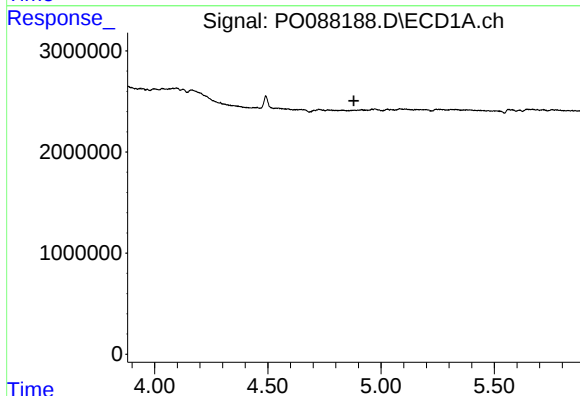
R.T.: 4.704 min
Delta R.T.: 0.000 min
Response: -114369
Conc: N.D.



#5 AR-1016-3

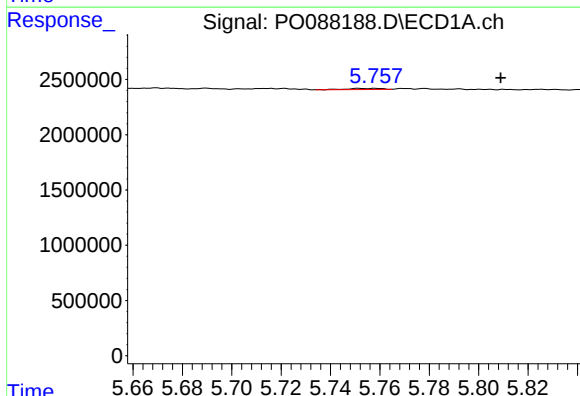
R.T.: 5.669 min
Delta R.T.: -0.040 min
Response: 225122
Conc: 2.90 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



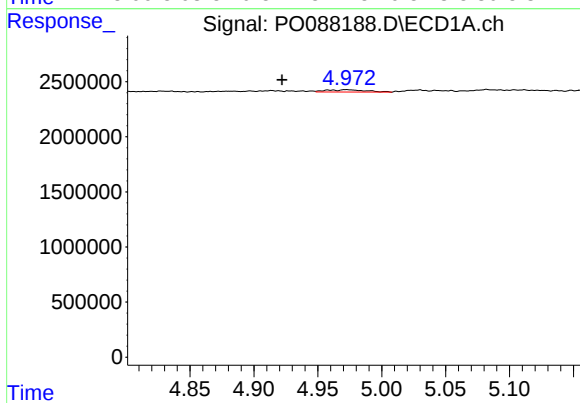
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.880 min
Response: 0
Conc: N.D.



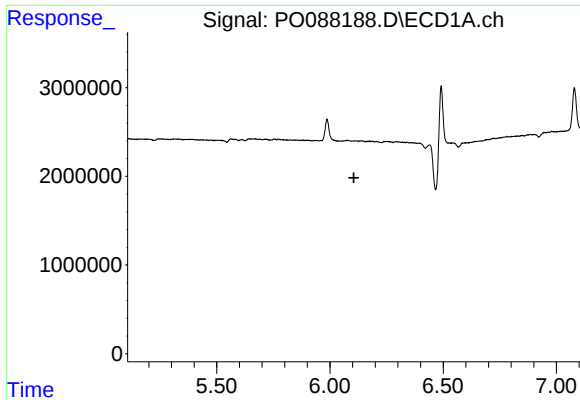
#6 AR-1016-4

R.T.: 5.758 min
Delta R.T.: -0.051 min
Response: 99121
Conc: 1.61 ng/ml



#6 AR-1016-4

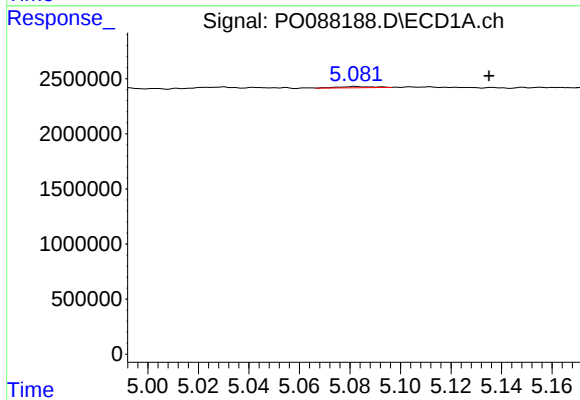
R.T.: 4.972 min
Delta R.T.: 0.050 min
Response: 449934
Conc: 19.34 ng/ml



#7 AR-1016-5

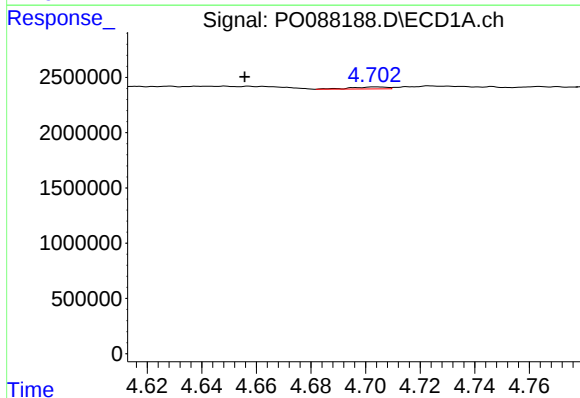
R.T.: 0.000 min
Exp R.T.: 6.106 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



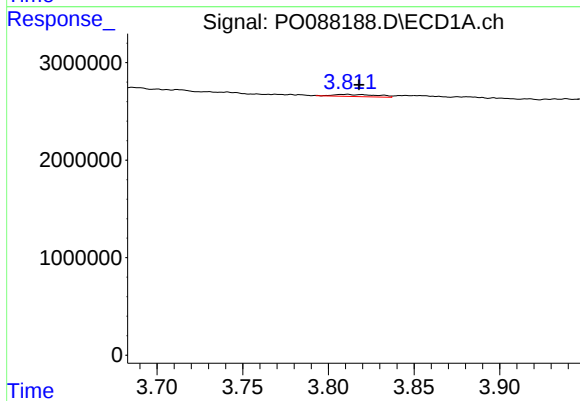
#7 AR-1016-5

R.T.: 5.082 min
Delta R.T.: -0.053 min
Response: 115885
Conc: 3.92 ng/ml



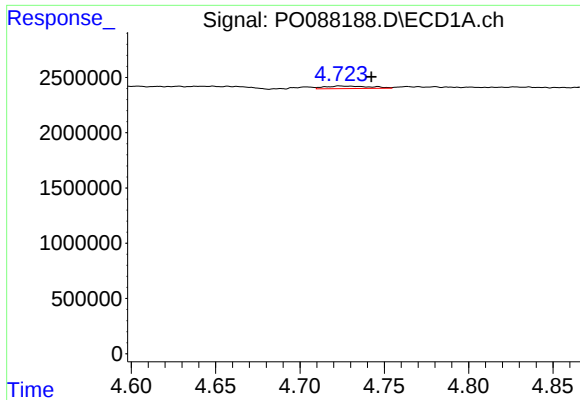
#8 AR-1221-1

R.T.: 4.704 min
Delta R.T.: 0.048 min
Response: 163308
Conc: 5.40 ng/ml



#8 AR-1221-1

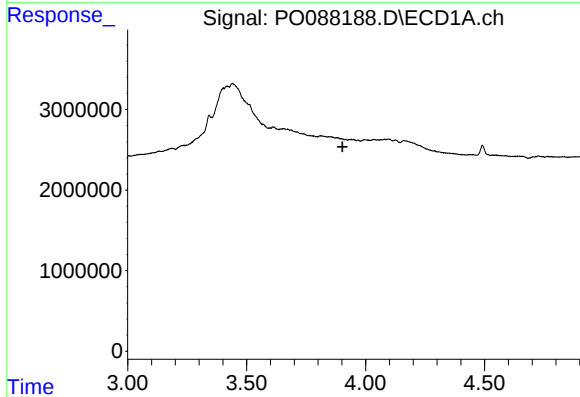
R.T.: 3.811 min
Delta R.T.: -0.007 min
Response: 381409
Conc: 36.46 ng/ml



#9 AR-1221-2

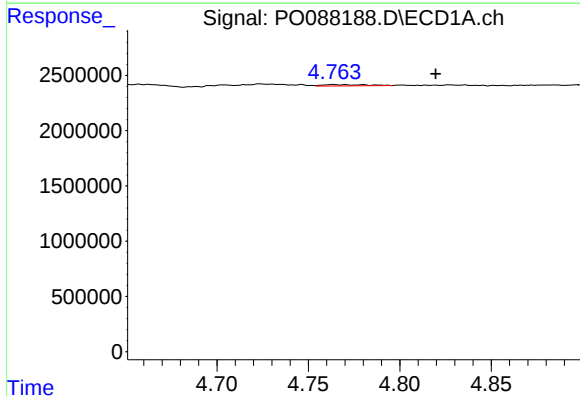
R.T.: 4.724 min
Delta R.T.: -0.019 min
Response: 435686
Conc: 19.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



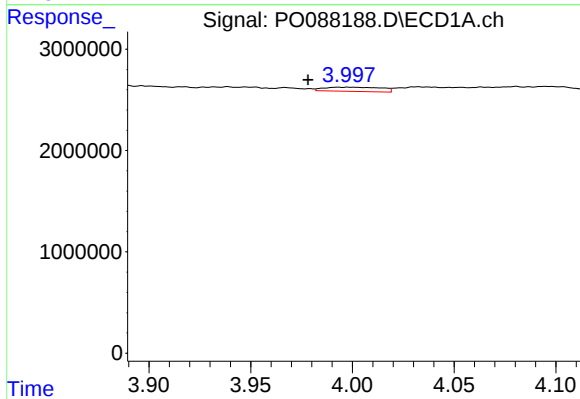
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.903 min
Response: 0
Conc: N.D.



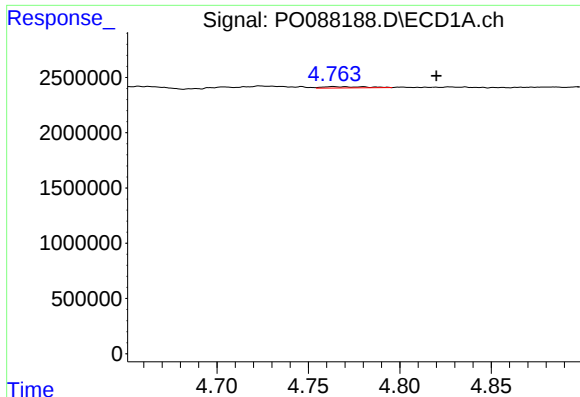
#10 AR-1221-3

R.T.: 4.764 min
Delta R.T.: -0.056 min
Response: 198045
Conc: 2.87 ng/ml



#10 AR-1221-3

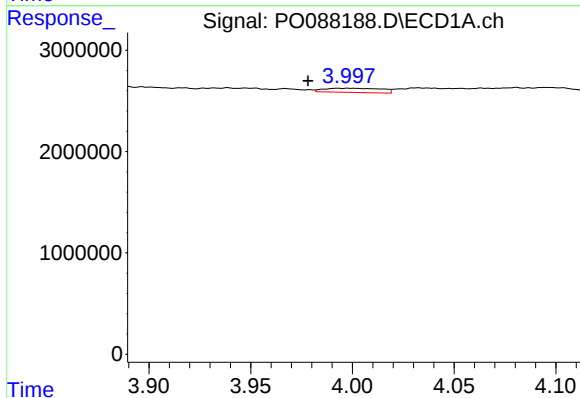
R.T.: 3.993 min
Delta R.T.: 0.015 min
Response: 818171
Conc: 31.94 ng/ml



#11 AR-1232-1

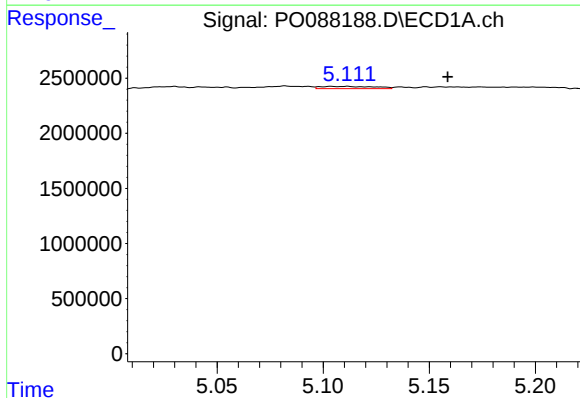
R.T.: 4.764 min
Delta R.T.: -0.056 min
Response: 198045
Conc: 3.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



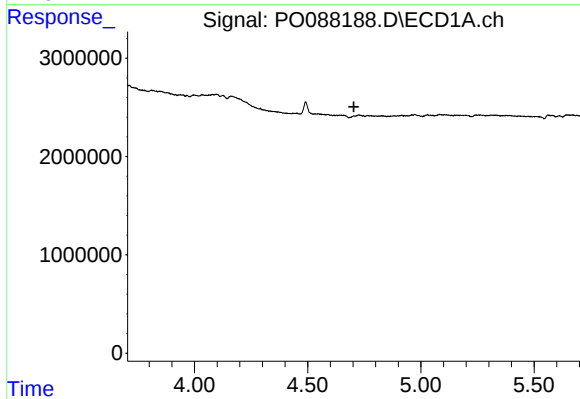
#11 AR-1232-1

R.T.: 3.993 min
Delta R.T.: 0.015 min
Response: 818171
Conc: 42.29 ng/ml



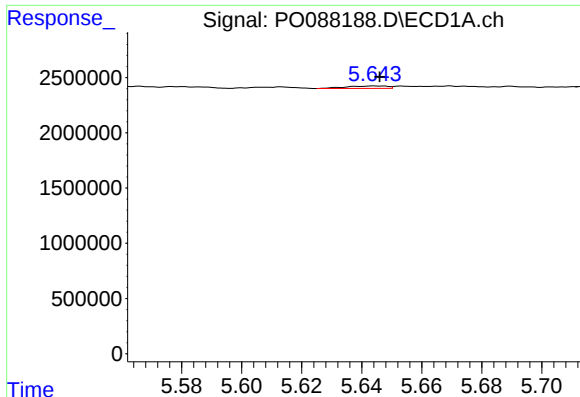
#12 AR-1232-2

R.T.: 5.111 min
Delta R.T.: -0.047 min
Response: 359651
Conc: 14.03 ng/ml



#12 AR-1232-2

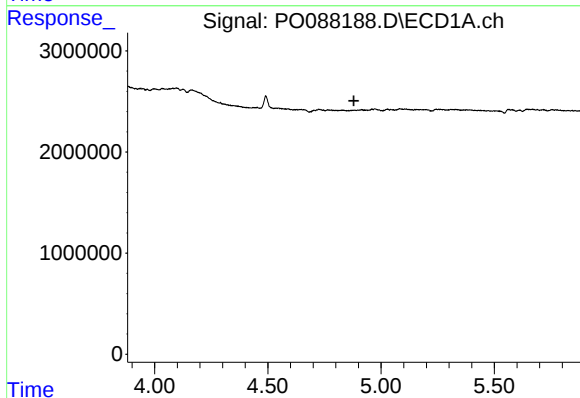
R.T.: 4.704 min
Delta R.T.: 0.000 min
Response: -114369
Conc: N.D.



#13 AR-1232-3

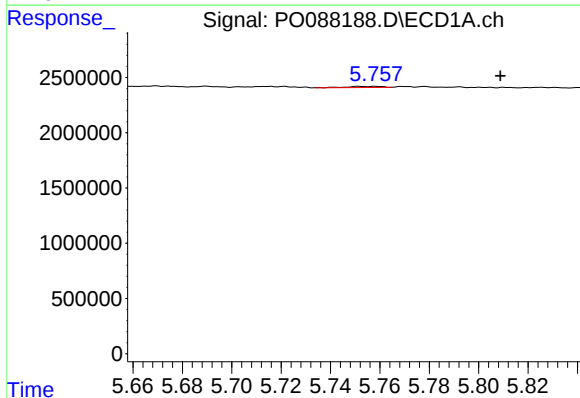
R.T.: 5.645 min
Delta R.T.: -0.001 min
Response: 216616
Conc: 4.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



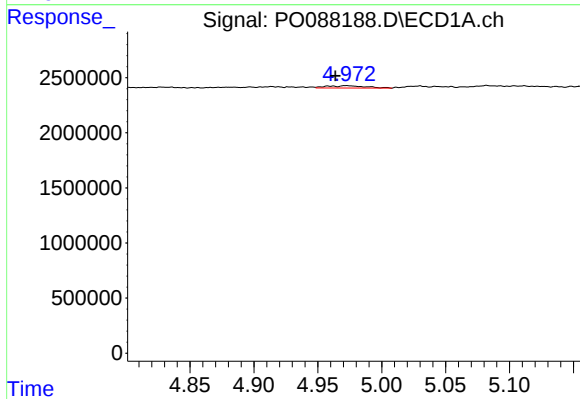
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.880 min
Response: 0
Conc: N.D.



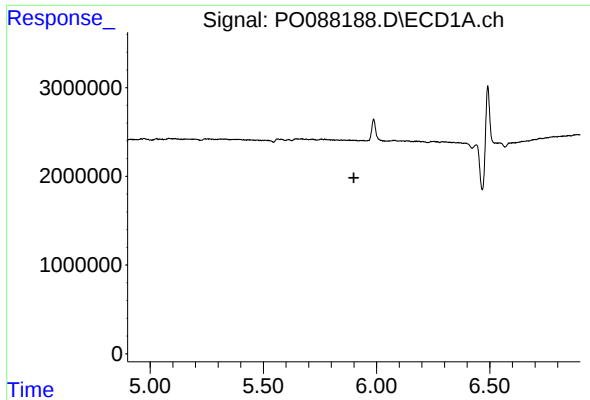
#14 AR-1232-4

R.T.: 5.758 min
Delta R.T.: -0.051 min
Response: 99121
Conc: 4.26 ng/ml



#14 AR-1232-4

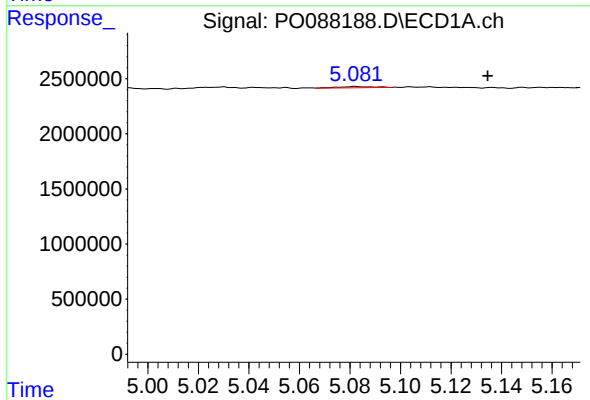
R.T.: 4.972 min
Delta R.T.: 0.008 min
Response: 449934
Conc: 46.32 ng/ml



#15 AR-1232-5

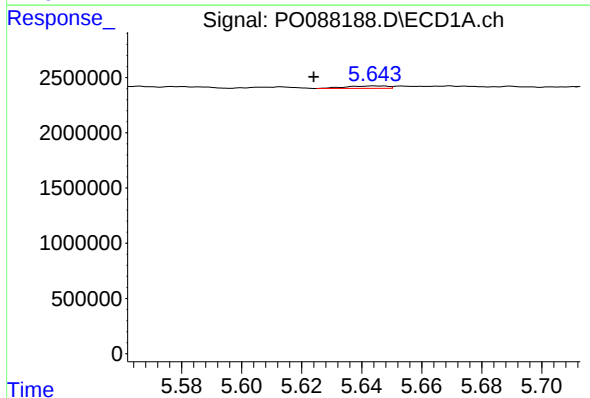
R.T.: 0.000 min
Exp R.T.: 5.900 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



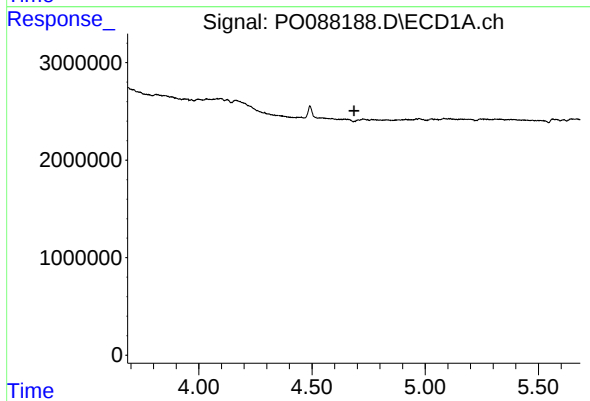
#15 AR-1232-5

R.T.: 5.082 min
Delta R.T.: -0.052 min
Response: 115885
Conc: 10.66 ng/ml



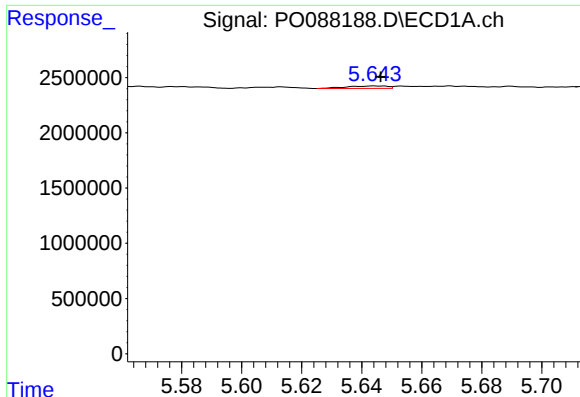
#16 AR-1242-1

R.T.: 5.645 min
Delta R.T.: 0.021 min
Response: 216616
Conc: 3.17 ng/ml



#16 AR-1242-1

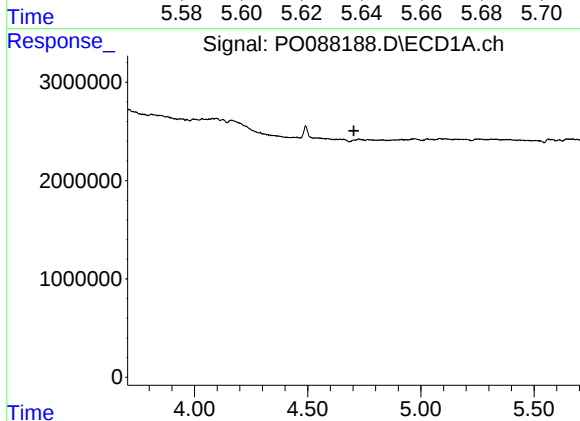
R.T.: 4.704 min
Delta R.T.: 0.019 min
Response: -114369
Conc: N.D.



#17 AR-1242-2

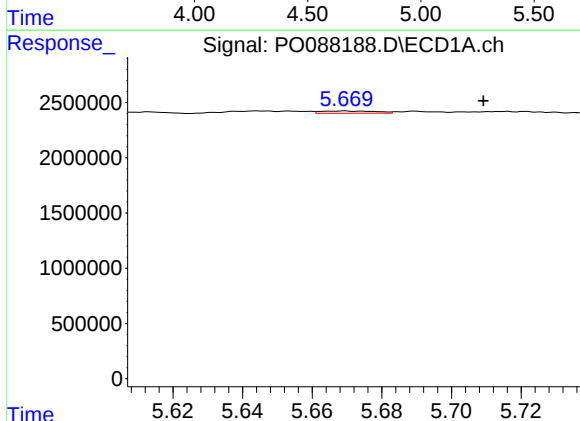
R.T.: 5.645 min
Delta R.T.: -0.002 min
Response: 216616
Conc: 2.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



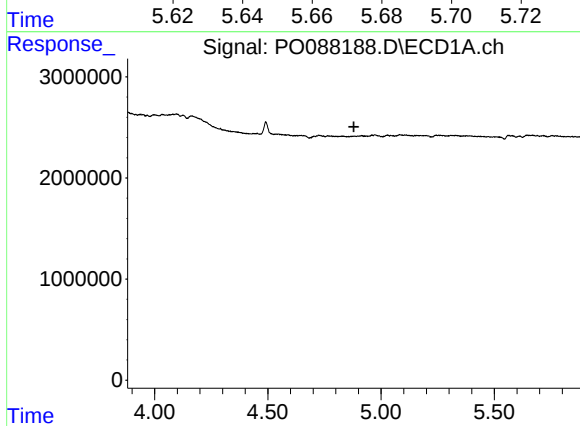
#17 AR-1242-2

R.T.: 4.704 min
Delta R.T.: 0.000 min
Response: -114369
Conc: N.D.



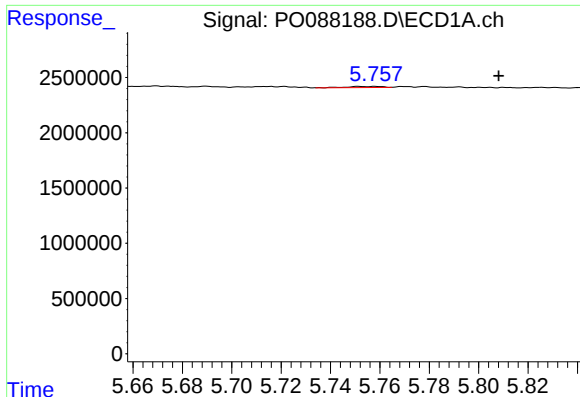
#18 AR-1242-3

R.T.: 5.669 min
Delta R.T.: -0.040 min
Response: 225122
Conc: 3.71 ng/ml



#18 AR-1242-3

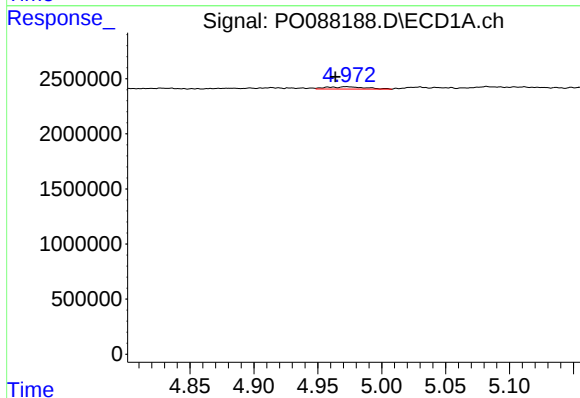
R.T.: 0.000 min
Exp R.T.: 4.880 min
Response: 0
Conc: N.D.



#19 AR-1242-4

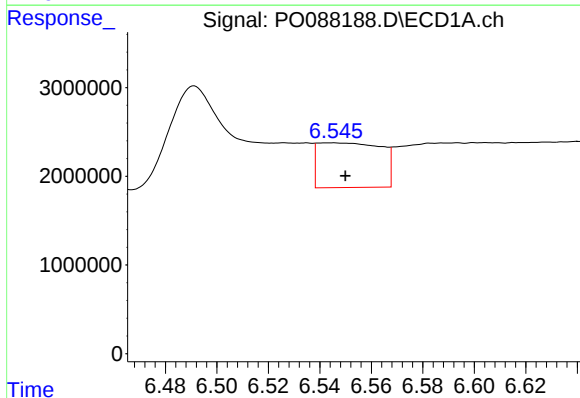
R.T.: 5.758 min
Delta R.T.: -0.050 min
Response: 99121
Conc: 2.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



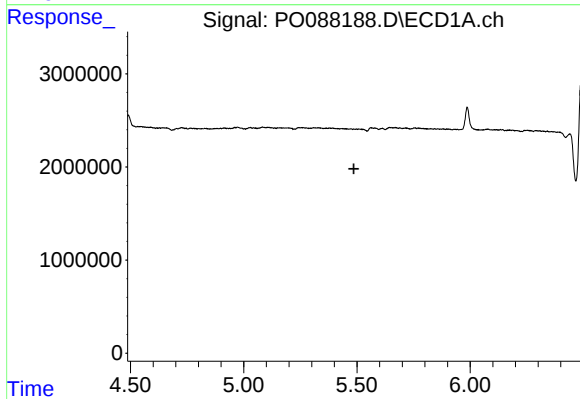
#19 AR-1242-4

R.T.: 4.972 min
Delta R.T.: 0.008 min
Response: 449934
Conc: 19.24 ng/ml



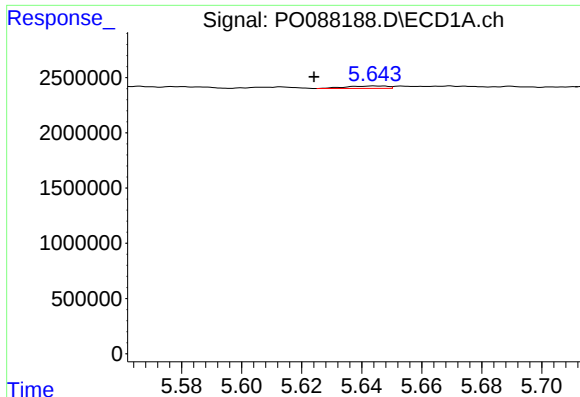
#20 AR-1242-5

R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 8605065
Conc: 163.40 ng/ml



#20 AR-1242-5

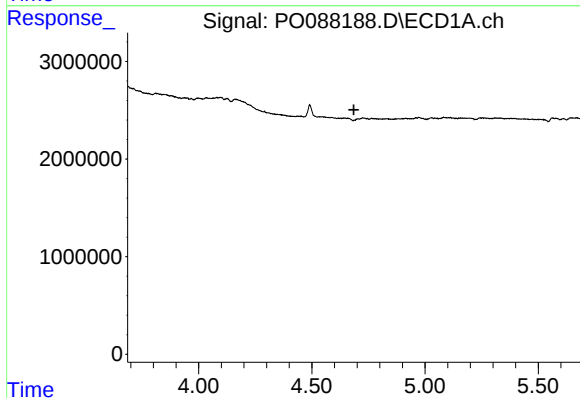
R.T.: 0.000 min
Exp R.T.: 5.486 min
Response: 0
Conc: N.D.



#21 AR-1248-1

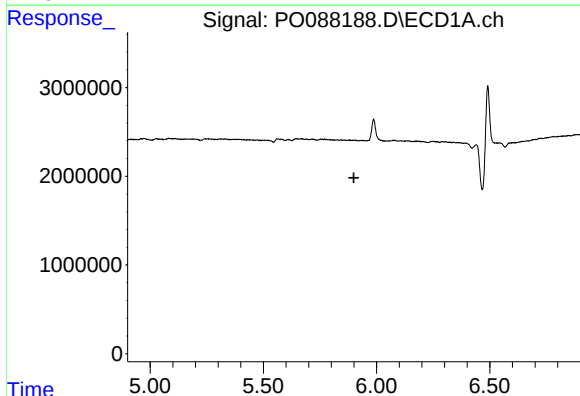
R.T.: 5.645 min
Delta R.T.: 0.020 min
Response: 216616
Conc: 4.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



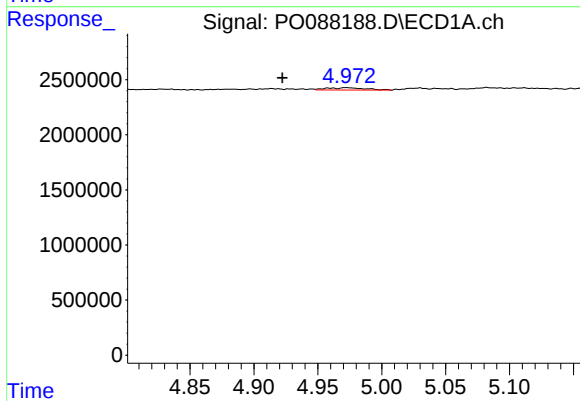
#21 AR-1248-1

R.T.: 4.704 min
Delta R.T.: 0.018 min
Response: -114369
Conc: N.D.



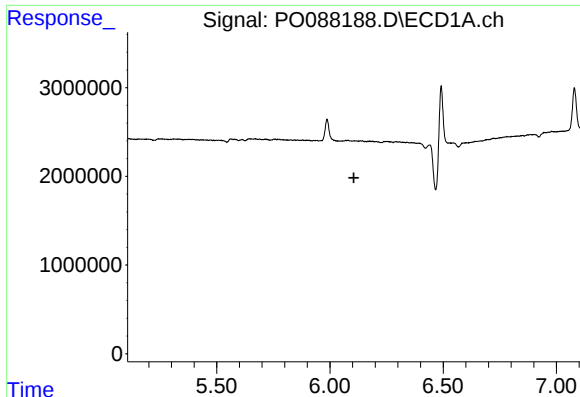
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.900 min
Response: 0
Conc: N.D.



#22 AR-1248-2

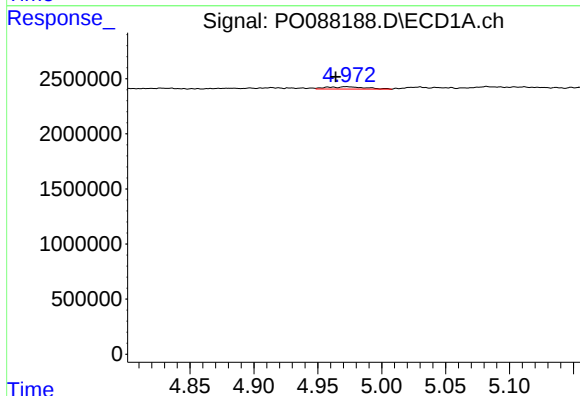
R.T.: 4.972 min
Delta R.T.: 0.050 min
Response: 449934
Conc: 13.34 ng/ml



#23 AR-1248-3

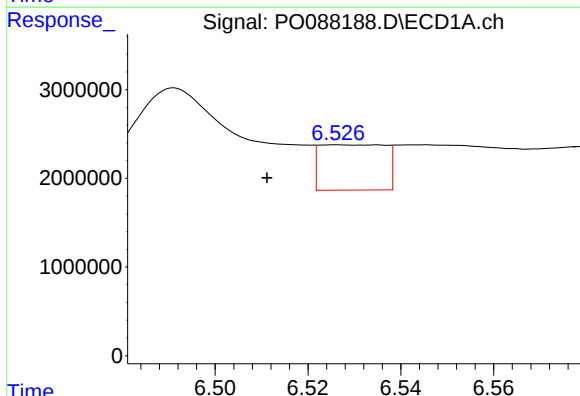
R.T.: 0.000 min
Exp R.T.: 6.106 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



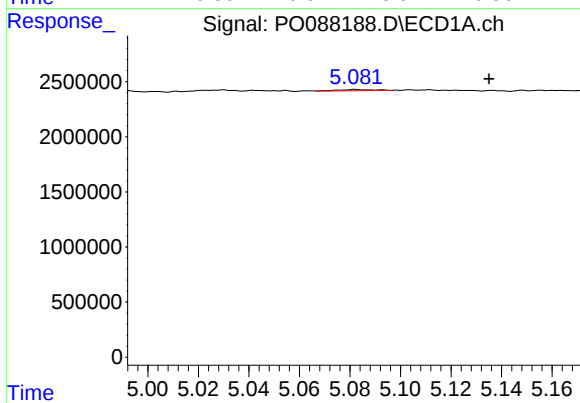
#23 AR-1248-3

R.T.: 4.972 min
Delta R.T.: 0.008 min
Response: 449934
Conc: 12.95 ng/ml



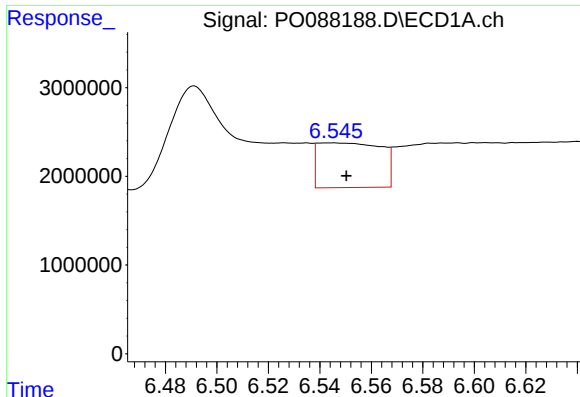
#24 AR-1248-4

R.T.: 6.526 min
Delta R.T.: 0.015 min
Response: 5015105
Conc: 54.57 ng/ml



#24 AR-1248-4

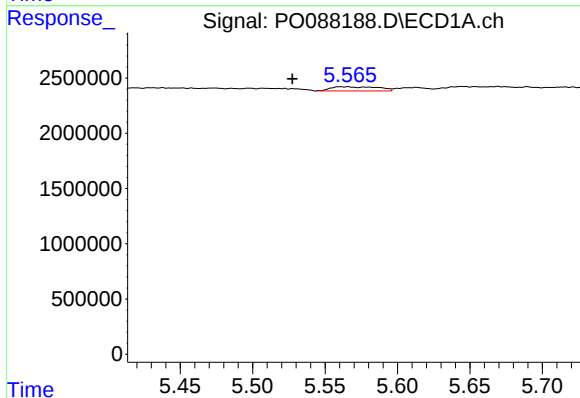
R.T.: 5.082 min
Delta R.T.: -0.053 min
Response: 115885
Conc: 2.77 ng/ml



#25 AR-1248-5

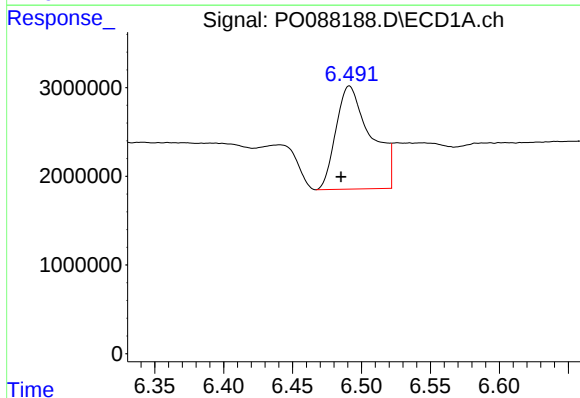
R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 8605065
Conc: 95.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



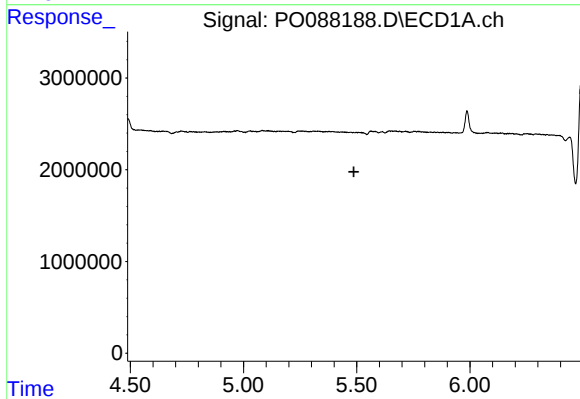
#25 AR-1248-5

R.T.: 5.560 min
Delta R.T.: 0.033 min
Response: 865592
Conc: 24.02 ng/ml



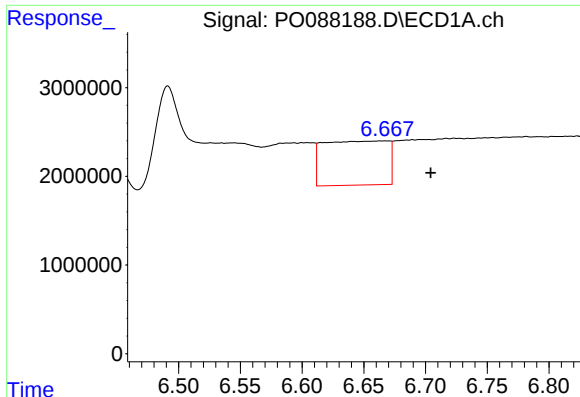
#26 AR-1254-1

R.T.: 6.491 min
Delta R.T.: 0.006 min
Response: 20517225
Conc: 216.40 ng/ml



#26 AR-1254-1

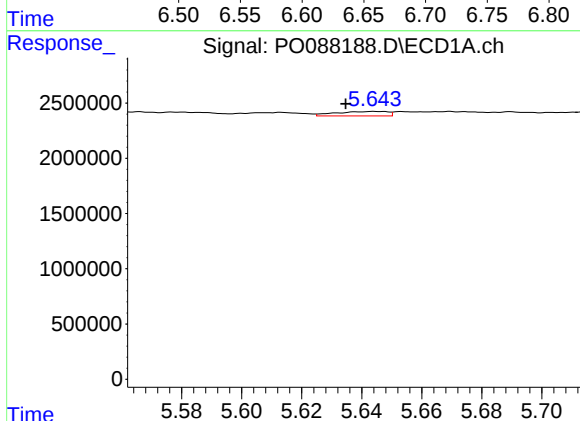
R.T.: 0.000 min
Exp R.T.: 5.487 min
Response: 0
Conc: N.D.



#27 AR-1254-2

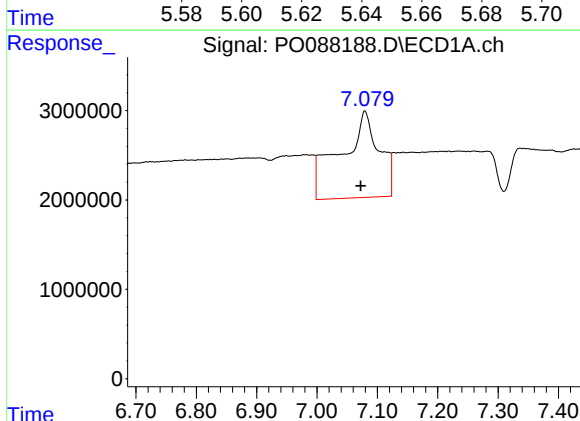
R.T.: 6.668 min
Delta R.T.: -0.036 min
Response: 18011312
Conc: 125.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



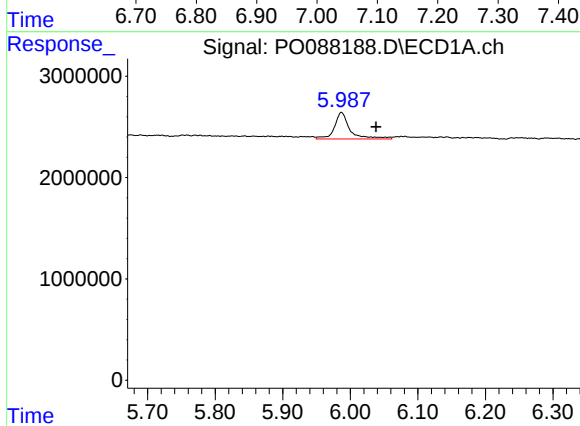
#27 AR-1254-2

R.T.: 5.645 min
Delta R.T.: 0.010 min
Response: 494474
Conc: 9.64 ng/ml



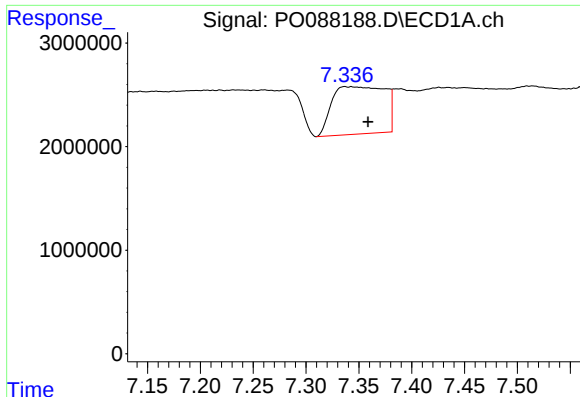
#28 AR-1254-3

R.T.: 7.079 min
Delta R.T.: 0.007 min
Response: 42878243
Conc: 292.73 ng/ml



#28 AR-1254-3

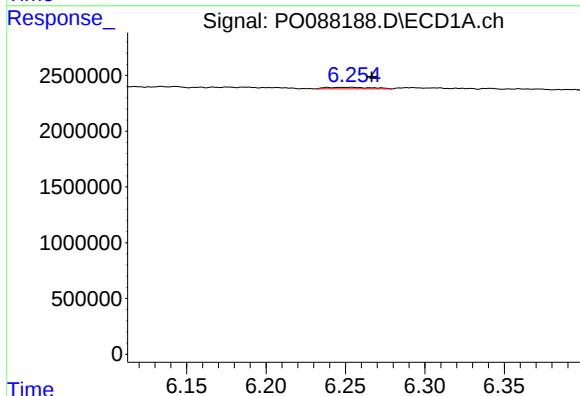
R.T.: 5.987 min
Delta R.T.: -0.051 min
Response: 4202796
Conc: 51.79 ng/ml



#29 AR-1254-4

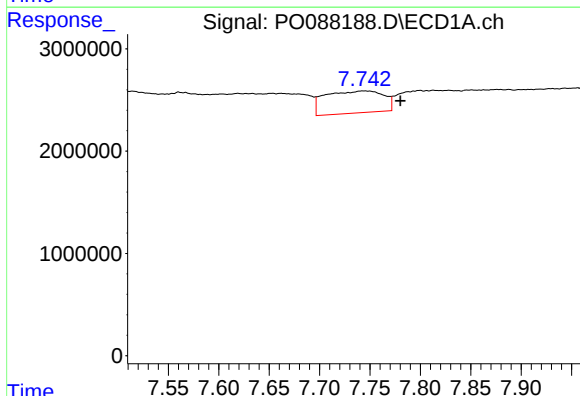
R.T.: 7.337 min
Delta R.T.: -0.022 min
Response: 15912773
Conc: 147.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



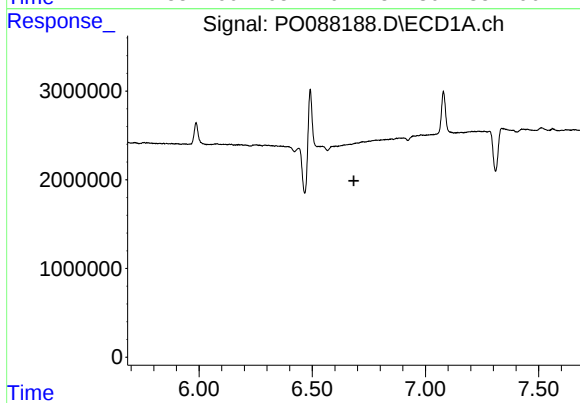
#29 AR-1254-4

R.T.: 6.254 min
Delta R.T.: -0.013 min
Response: 277239
Conc: 5.56 ng/ml



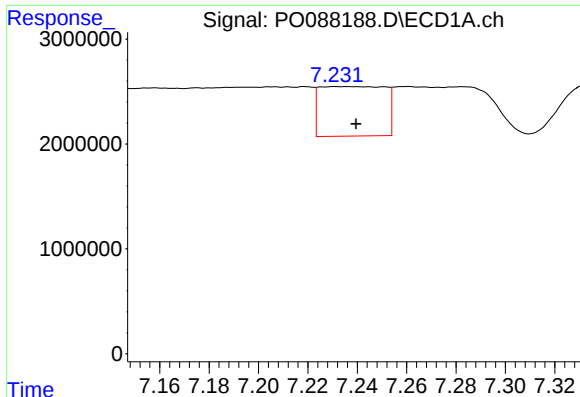
#30 AR-1254-5

R.T.: 7.745 min
Delta R.T.: -0.036 min
Response: 8723203
Conc: 72.48 ng/ml



#30 AR-1254-5

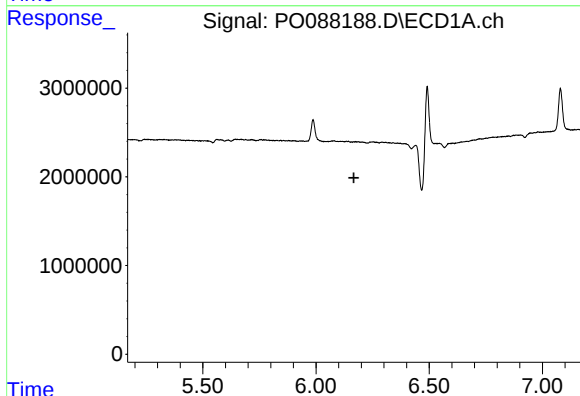
R.T.: 0.000 min
Exp R.T.: 6.684 min
Response: 0
Conc: N.D.



#31 AR-1260-1

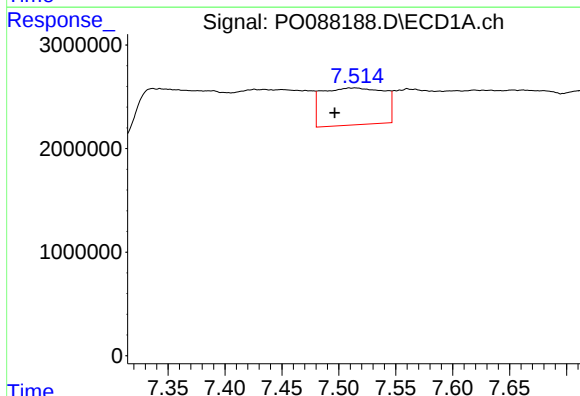
R.T.: 7.232 min
Delta R.T.: -0.008 min
Response: 8597255
Conc: 73.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



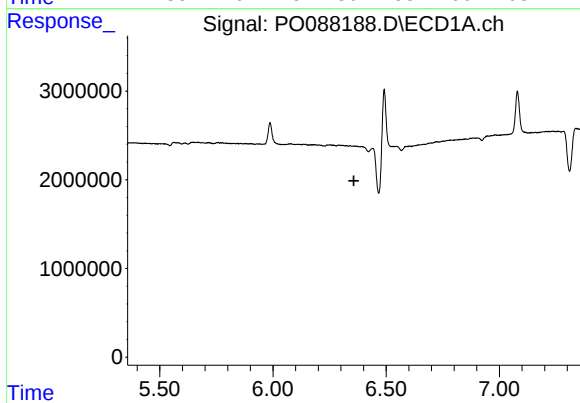
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.168 min
Response: 0
Conc: N.D.



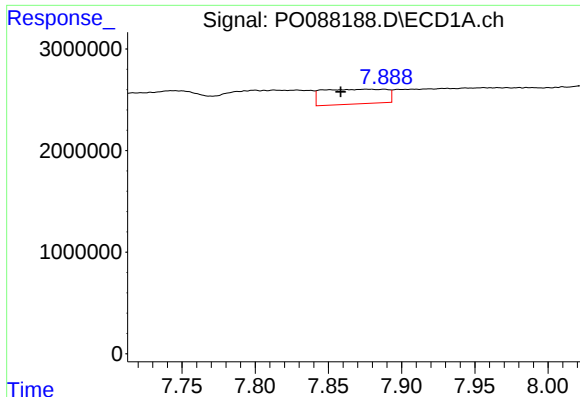
#32 AR-1260-2

R.T.: 7.513 min
Delta R.T.: 0.017 min
Response: 13530225
Conc: 100.14 ng/ml



#32 AR-1260-2

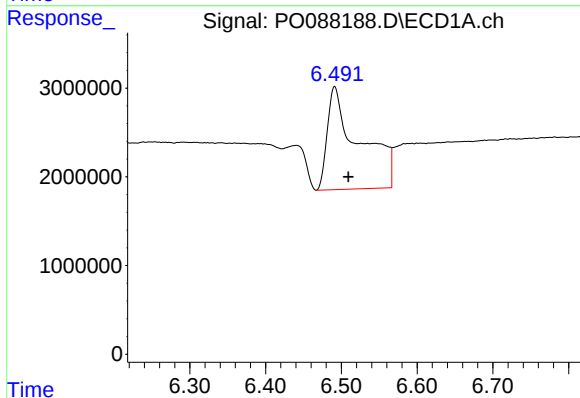
R.T.: 0.000 min
Exp R.T. : 6.357 min
Response: 0
Conc: N.D.



#33 AR-1260-3

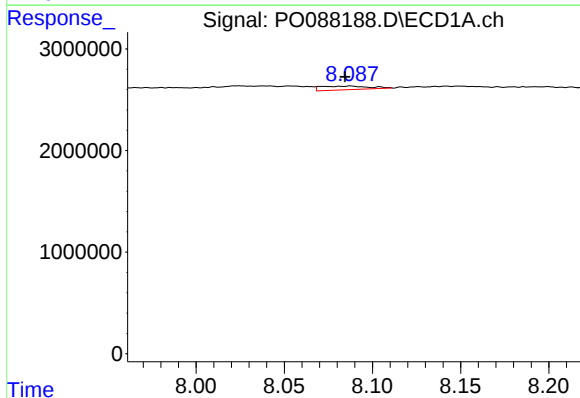
R.T.: 7.877 min
Delta R.T.: 0.018 min
Response: 4390108
Conc: 47.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



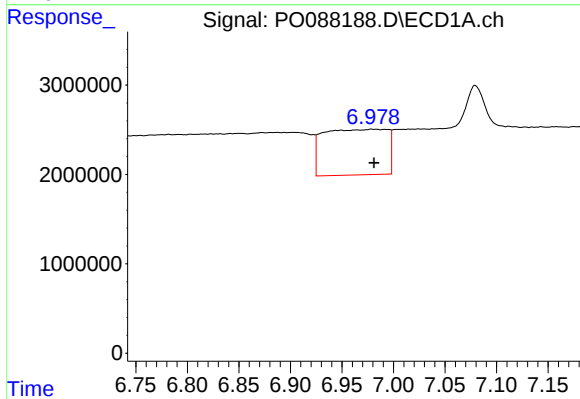
#33 AR-1260-3

R.T.: 6.491 min
Delta R.T.: -0.018 min
Response: 33831336
Conc: 543.89 ng/ml



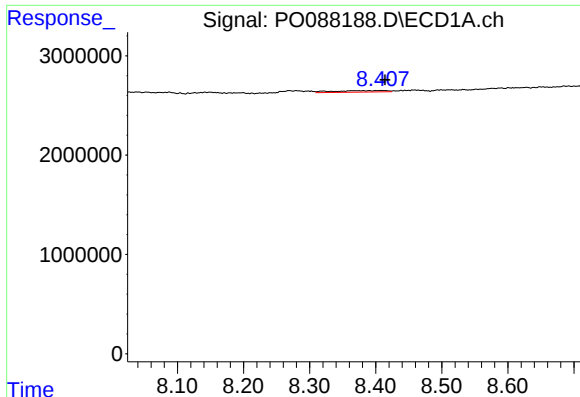
#34 AR-1260-4

R.T.: 8.087 min
Delta R.T.: 0.002 min
Response: 674780
Conc: 6.25 ng/ml



#34 AR-1260-4

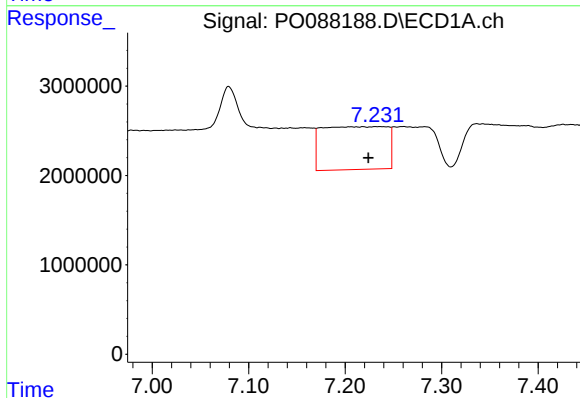
R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 21868208
Conc: 462.33 ng/ml



#35 AR-1260-5

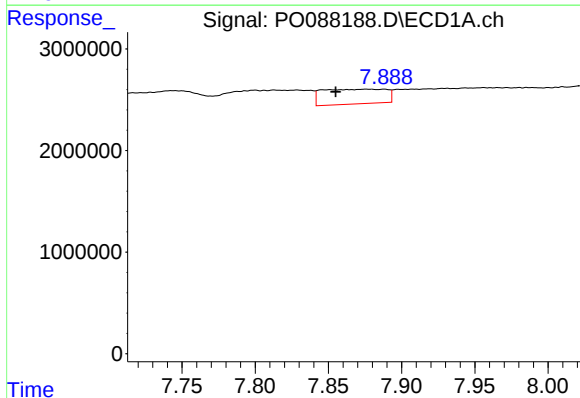
R.T.: 8.409 min
Delta R.T.: -0.005 min
Response: 887865
Conc: 4.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



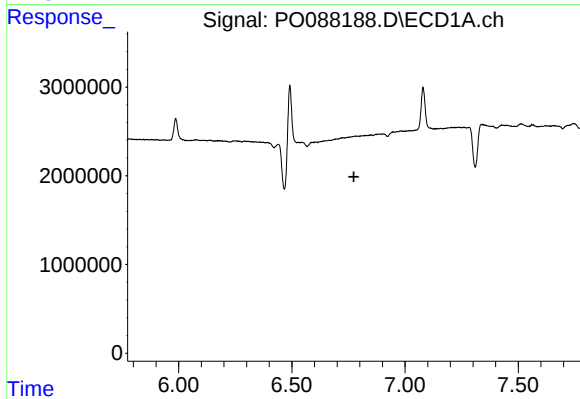
#35 AR-1260-5

R.T.: 7.218 min
Delta R.T.: -0.005 min
Response: 22301283
Conc: 194.91 ng/ml



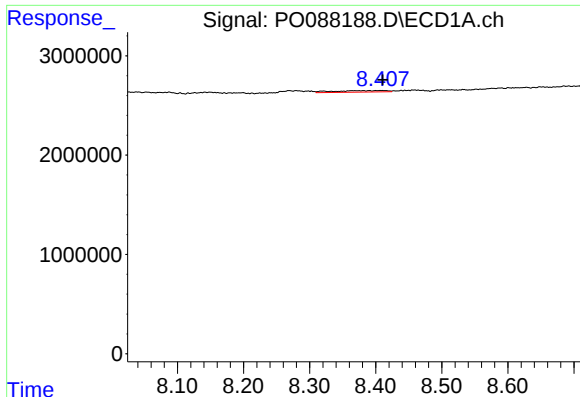
#36 AR-1262-1

R.T.: 7.877 min
Delta R.T.: 0.022 min
Response: 4390108
Conc: 31.96 ng/ml



#36 AR-1262-1

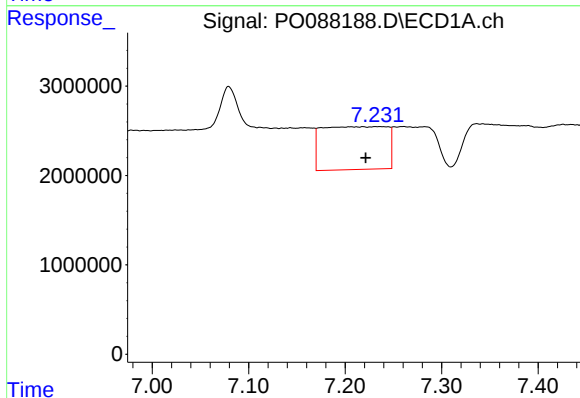
R.T.: 0.000 min
Exp R.T.: 6.774 min
Response: 0
Conc: N.D.



#37 AR-1262-2

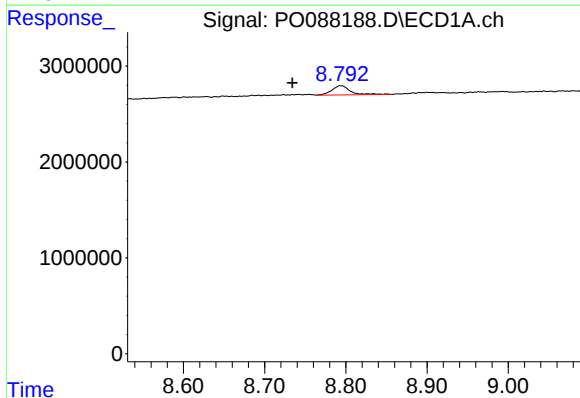
R.T.: 8.409 min
Delta R.T.: -0.001 min
Response: 887865
Conc: 3.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



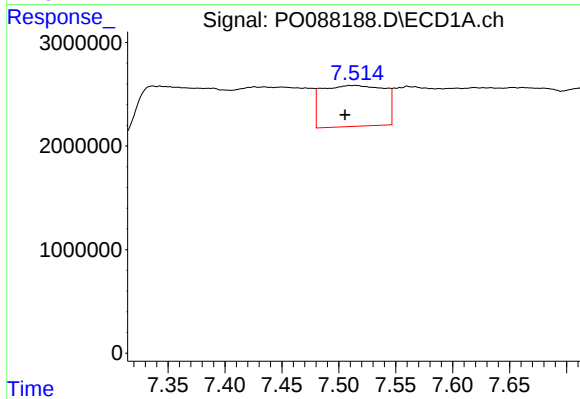
#37 AR-1262-2

R.T.: 7.218 min
Delta R.T.: -0.003 min
Response: 22301283
Conc: 165.98 ng/ml



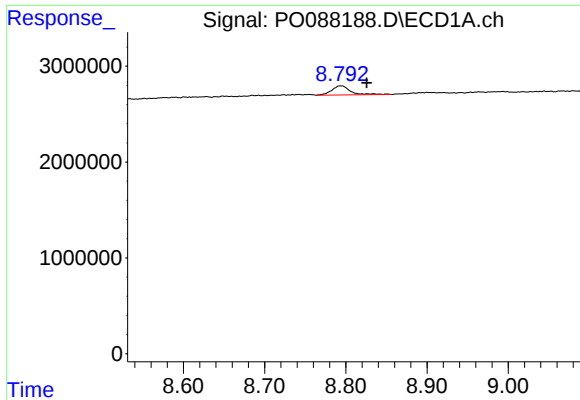
#38 AR-1262-3

R.T.: 8.794 min
Delta R.T.: 0.060 min
Response: 1521373
Conc: 9.18 ng/ml



#38 AR-1262-3

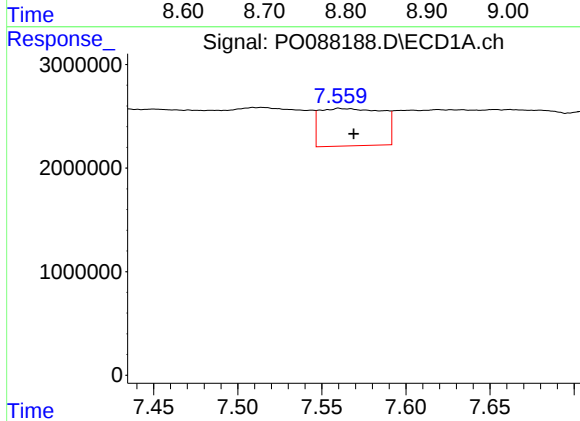
R.T.: 7.513 min
Delta R.T.: 0.008 min
Response: 15058205
Conc: 276.12 ng/ml



#39 AR-1262-4

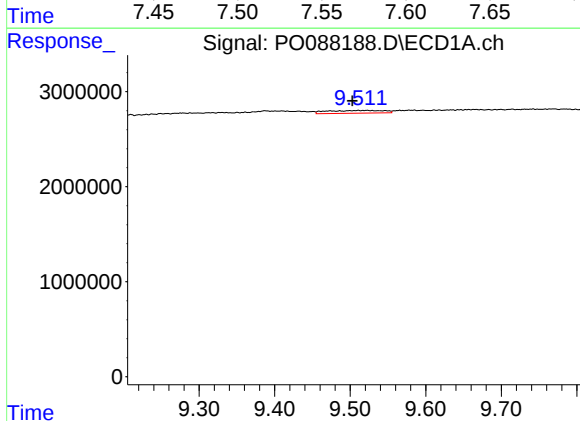
R.T.: 8.794 min
Delta R.T.: -0.032 min
Response: 1521373
Conc: 18.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



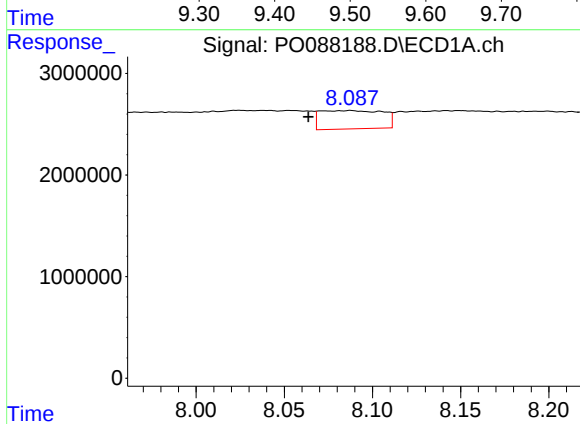
#39 AR-1262-4

R.T.: 7.562 min
Delta R.T.: -0.007 min
Response: 9363631
Conc: 92.56 ng/ml



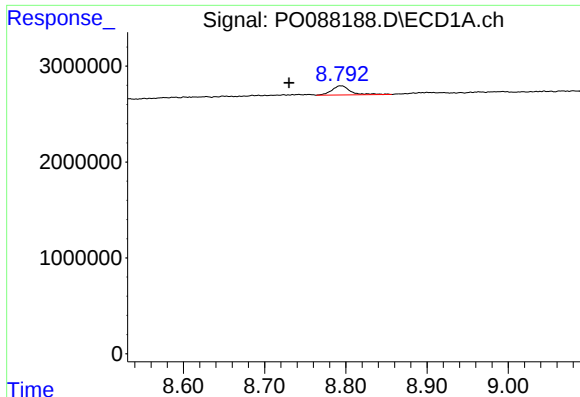
#40 AR-1262-5

R.T.: 9.511 min
Delta R.T.: 0.008 min
Response: 1508453
Conc: 16.93 ng/ml



#40 AR-1262-5

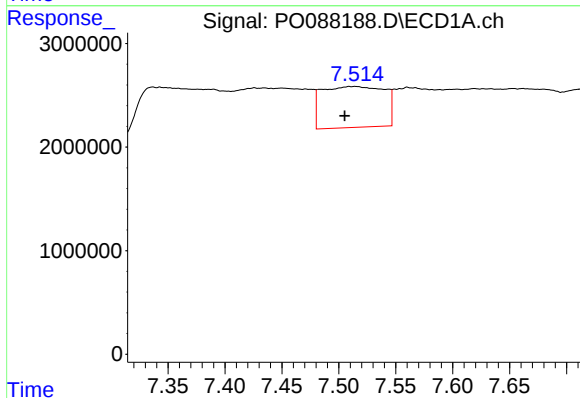
R.T.: 8.087 min
Delta R.T.: 0.023 min
Response: 4465038
Conc: 90.91 ng/ml



#41 AR-1268-1

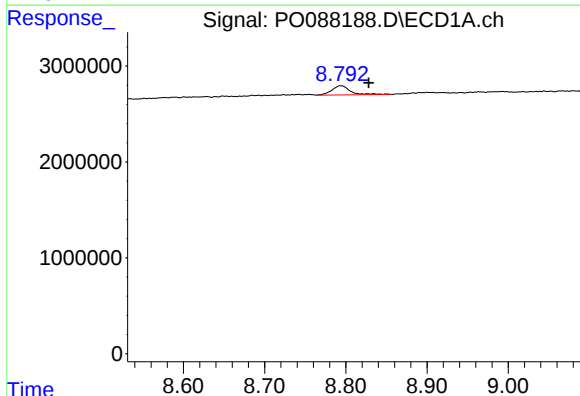
R.T.: 8.794 min
Delta R.T.: 0.064 min
Response: 1521373
Conc: 5.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



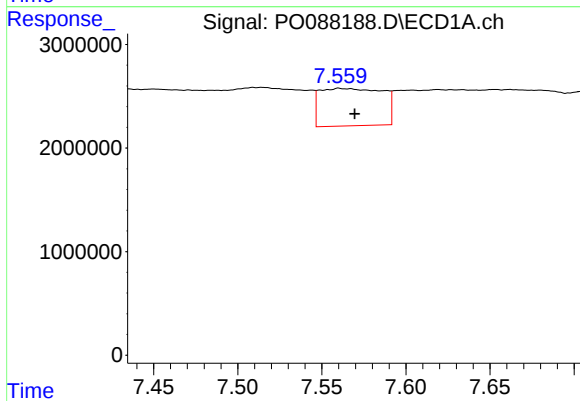
#41 AR-1268-1

R.T.: 7.513 min
Delta R.T.: 0.008 min
Response: 15058205
Conc: 95.04 ng/ml



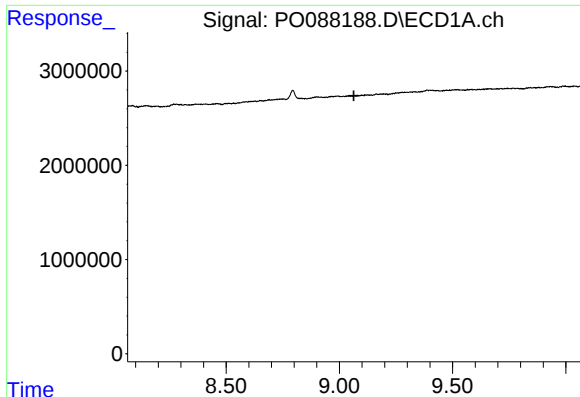
#42 AR-1268-2

R.T.: 8.794 min
Delta R.T.: -0.034 min
Response: 1521373
Conc: 5.85 ng/ml



#42 AR-1268-2

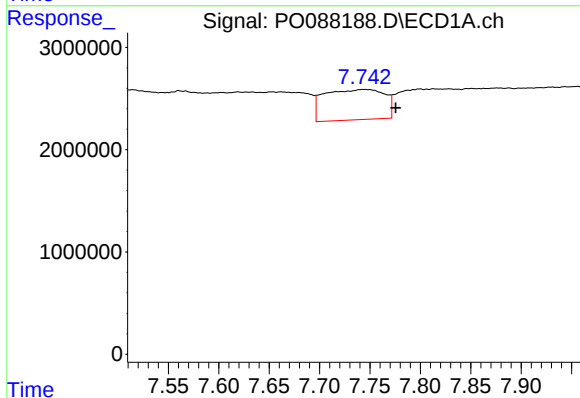
R.T.: 7.562 min
Delta R.T.: -0.008 min
Response: 9363631
Conc: 65.10 ng/ml



#43 AR-1268-3

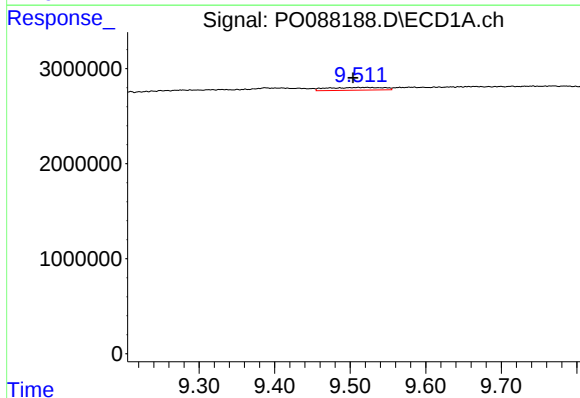
R.T.: 0.000 min
Exp R.T.: 9.064 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
HEXANE



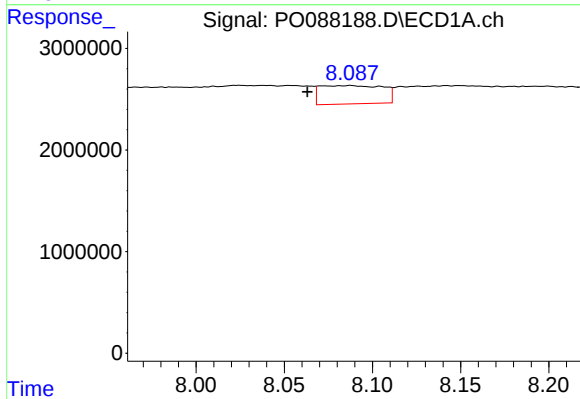
#43 AR-1268-3

R.T.: 7.745 min
Delta R.T.: -0.031 min
Response: 12320532
Conc: 98.92 ng/ml



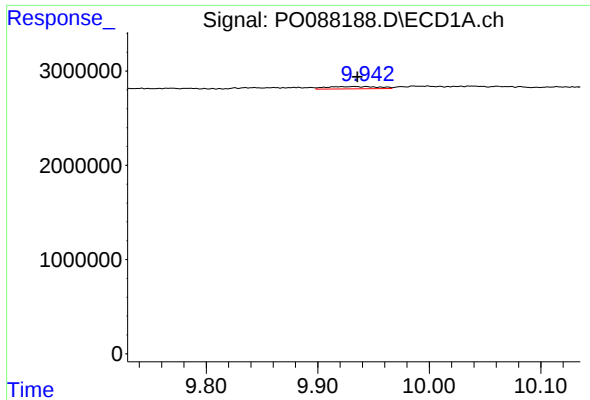
#44 AR-1268-4

R.T.: 9.511 min
Delta R.T.: 0.007 min
Response: 1508453
Conc: 15.39 ng/ml



#44 AR-1268-4

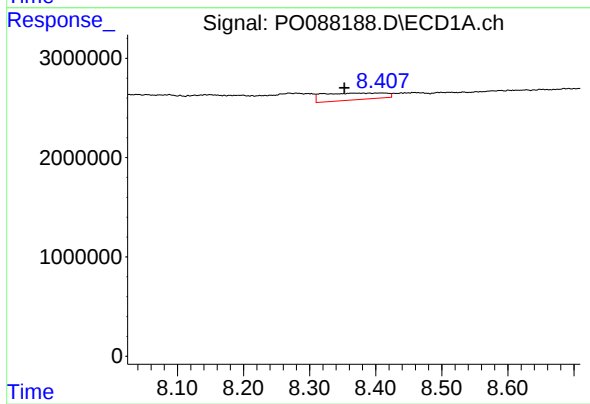
R.T.: 8.087 min
Delta R.T.: 0.023 min
Response: 4465038
Conc: 83.23 ng/ml



#45 AR-1268-5

R.T.: 9.933 min
Delta R.T.: -0.003 min
Response: 806630
Conc: 1.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
HEXANE



#45 AR-1268-5

R.T.: 8.409 min
Delta R.T.: 0.057 min
Response: 4410068
Conc: 11.41 ng/ml