

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0042123\
 Data File : P0094512.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2023 19:49
 Operator : YP/AJ
 Sample : 02442-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 22:16:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0041923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 20 05:15:06 2023
 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...	4.415	3.617	89031171	33308005	27.675	25.786
2)	SA Decachlor...	10.254	8.631	47263705	28891499	22.112	29.007 #
Target Compounds							
3)	L1 AR-1016-1	5.590	4.722	3316582	1740464	36.443	47.284 #
4)	L1 AR-1016-2	5.618	4.722	4525387	1740464	32.243	30.666
5)	L1 AR-1016-3	5.675	4.934f	3166380	-79047	35.067	N.D. #
6)	L1 AR-1016-4	5.806	4.934	26493577	-79047	388.021	N.D. #
7)	L1 AR-1016-5	6.072	5.153	13458886	330290	176.113	9.454 #
8)	L2 AR-1221-1	4.624	3.818	20778555	86139	505.916	5.192 #
9)	L2 AR-1221-2	4.723	3.919	2125860	4471634	70.216	362.124 #
10)	L2 AR-1221-3	4.806	3.989	15910131	5711849	169.663	149.915
11)	L3 AR-1232-1	4.806	3.989	15910131	5711849	200.483	172.885
12)	L3 AR-1232-2	5.318	4.722	12086636	1740464	307.578	62.034 #
13)	L3 AR-1232-3	5.618	4.934f	4525387	-79047	67.592	N.D. #
14)	L3 AR-1232-4	5.806	4.979	26493577	1036227	826.188	68.849 #
15)	L3 AR-1232-5	5.869	5.153	3389113	330290	112.325	20.350 #
16)	L4 AR-1242-1	5.590	4.722	3316582	1740464	41.954	54.675 #
17)	L4 AR-1242-2	5.618	4.722	4525387	1740464	37.287	36.438
18)	L4 AR-1242-3	5.675	4.934f	3166380	-79047	40.404	N.D. #
19)	L4 AR-1242-4	5.806	4.979	26493577	1036227	454.372	35.665 #
20)	L4 AR-1242-5	6.528	5.502	4435408	4068506	74.182	138.372 #
21)	L5 AR-1248-1	5.590	4.722	3316582	1740464	55.007	70.630 #
22)	L5 AR-1248-2	5.869	4.934	3389113	-79047	32.840	N.D. #
23)	L5 AR-1248-3	6.072	4.979	13458886	1036227	122.502	24.369 #
24)	L5 AR-1248-4	6.486	5.153	5799486	330290	59.218	6.819 #
25)	L5 AR-1248-5	6.528	5.540	4435408	1071177	42.260	27.948 #
26)	L6 AR-1254-1	6.461	5.502	8581146	4068506	69.395	58.210
27)	L6 AR-1254-2	6.681	5.649	8599314	1748785	47.499	27.929 #
28)	L6 AR-1254-3	7.049	6.053	5499991	2346747	32.240	25.384
29)	L6 AR-1254-4	7.338	6.281	1697818	1076306	18.016	25.402 #
30)	L6 AR-1254-5	7.762	6.699	2554065	3095484	21.393	41.301 #
31)	L7 AR-1260-1	7.216	6.183	2606566	1051377	19.501	15.662
32)	L7 AR-1260-2	7.471	6.373	4588980	983352	32.782	13.229 #
33)	L7 AR-1260-3	7.878f	6.525	16183382	1088344	141.915	15.239 #
34)	L7 AR-1260-4	8.055	7.036	1097287	307775	9.168	5.234 #
35)	L7 AR-1260-5	8.402	7.242	856150	914463	4.152	8.045 #
36)	L8 AR-1262-1	7.878f	6.806	16183382	7034974	100.760	192.869 #
37)	L8 AR-1262-2	8.402	7.036f	856150	307775	3.918	4.194
38)	L8 AR-1262-3	8.705	7.512	7492611	2094074	47.791	39.051
39)	L8 AR-1262-4	8.820	7.585	1704061	360448	18.498	3.858 #
40)	L8 AR-1262-5	9.443	8.075	3086063	19325394	42.206	512.666 #
41)	L9 AR-1268-1	8.705	7.512	7492611	2094074	23.625	12.597 #

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 Operator : YP/AJ
 Sample : 02442-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

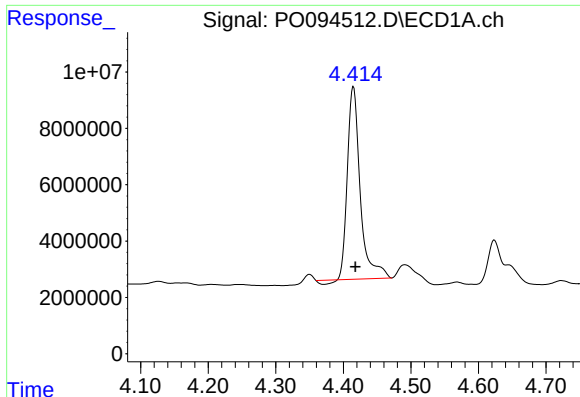
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 22:16:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0041923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 20 05:15:06 2023
 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
42) L9	AR-1268-2	8.820	7.585	1704061	360448	6.040	2.341 #
43) L9	AR-1268-3	9.045	7.804	687298	8069891	2.607	58.799 #
44) L9	AR-1268-4	9.443	8.075	3086063	19325394	36.583	426.411 #
45) L9	AR-1268-5	9.917	8.398	45356111	-985852	56.696	N.D. #

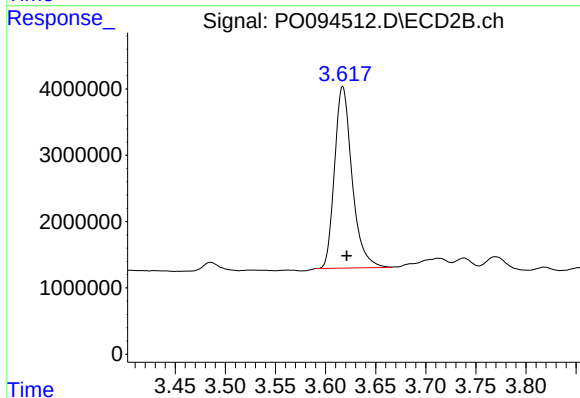
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

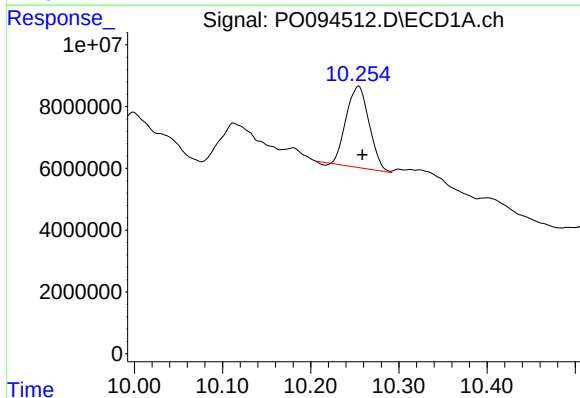
R.T.: 4.415 min
Delta R.T.: -0.003 min
Response: 89031171
Conc: 27.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



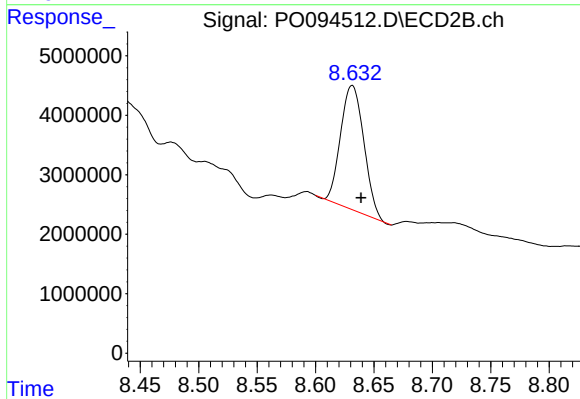
#1 Tetrachloro-m-xylene

R.T.: 3.617 min
Delta R.T.: -0.004 min
Response: 33308005
Conc: 25.79 ng/ml



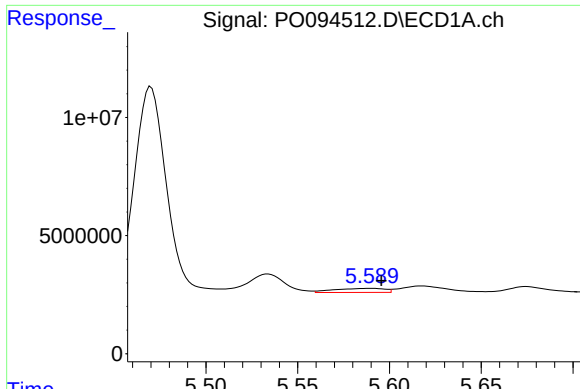
#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: -0.004 min
Response: 47263705
Conc: 22.11 ng/ml



#2 Decachlorobiphenyl

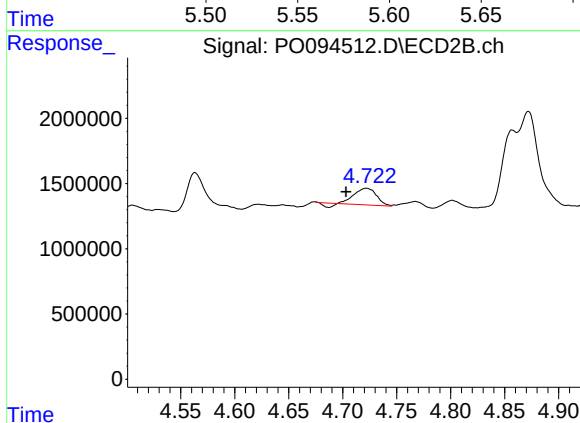
R.T.: 8.631 min
Delta R.T.: -0.008 min
Response: 28891499
Conc: 29.01 ng/ml



#3 AR-1016-1

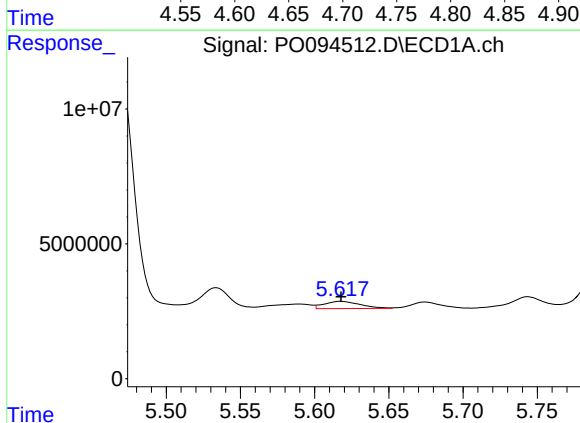
R.T.: 5.590 min
Delta R.T.: -0.006 min
Response: 3316582
Conc: 36.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



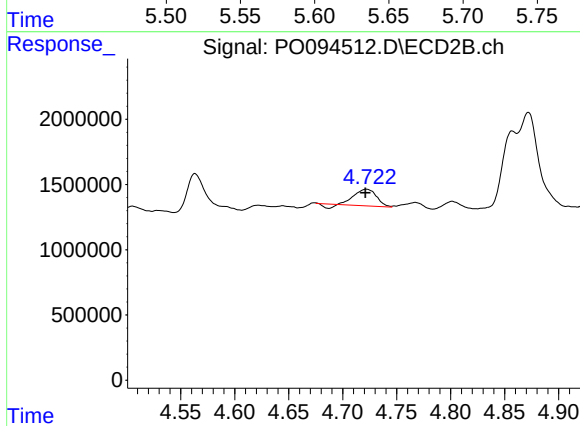
#3 AR-1016-1

R.T.: 4.722 min
Delta R.T.: 0.019 min
Response: 1740464
Conc: 47.28 ng/ml



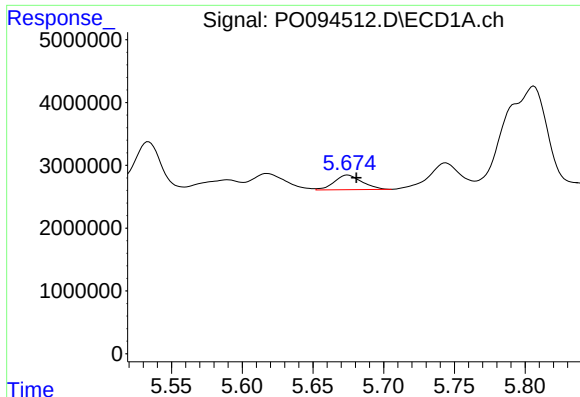
#4 AR-1016-2

R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 4525387
Conc: 32.24 ng/ml



#4 AR-1016-2

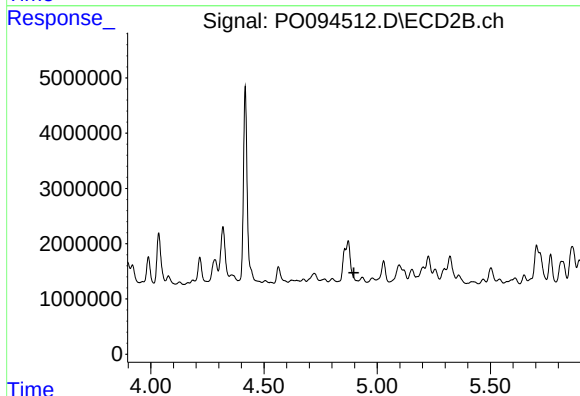
R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 1740464
Conc: 30.67 ng/ml



#5 AR-1016-3

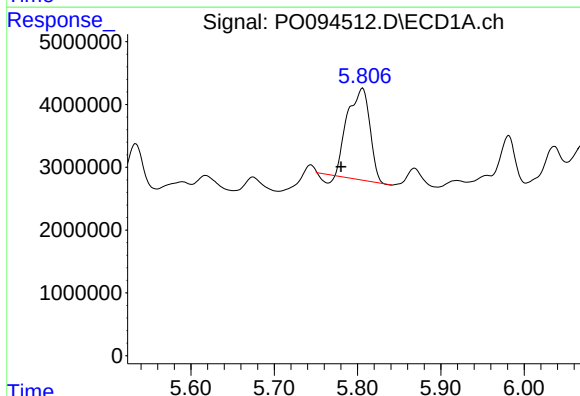
R.T.: 5.675 min
Delta R.T.: -0.006 min
Response: 3166380
Conc: 35.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



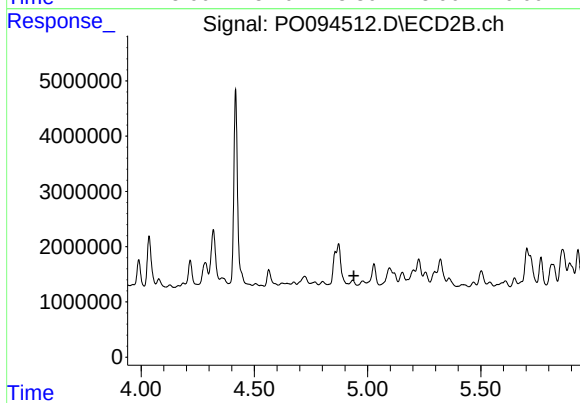
#5 AR-1016-3

R.T.: 4.934 min
Delta R.T.: 0.037 min
Response: -79047
Conc: N.D.



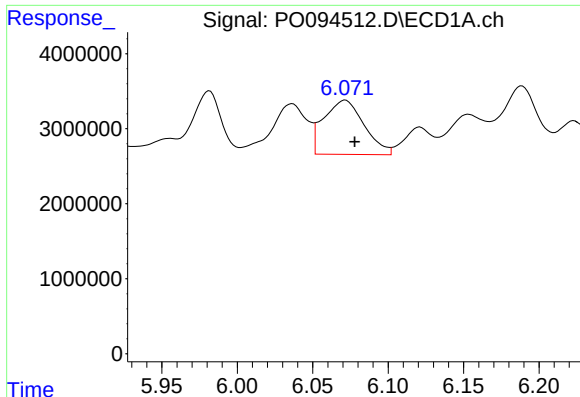
#6 AR-1016-4

R.T.: 5.806 min
Delta R.T.: 0.026 min
Response: 26493577
Conc: 388.02 ng/ml



#6 AR-1016-4

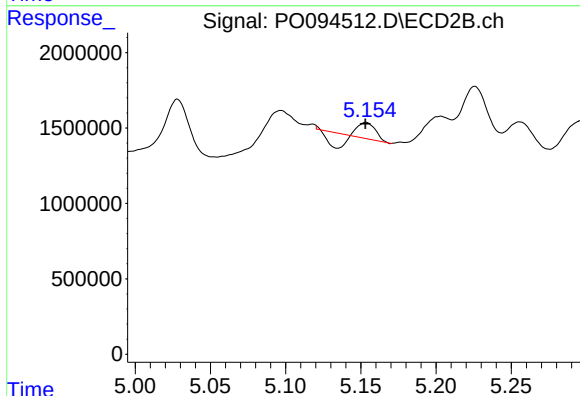
R.T.: 4.934 min
Delta R.T.: -0.006 min
Response: -79047
Conc: N.D.



#7 AR-1016-5

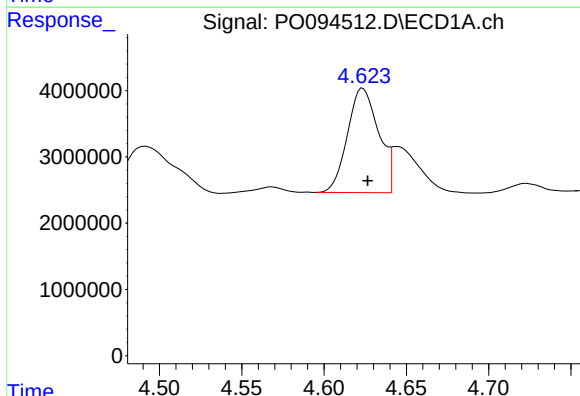
R.T.: 6.072 min
Delta R.T.: -0.006 min
Response: 13458886
Conc: 176.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



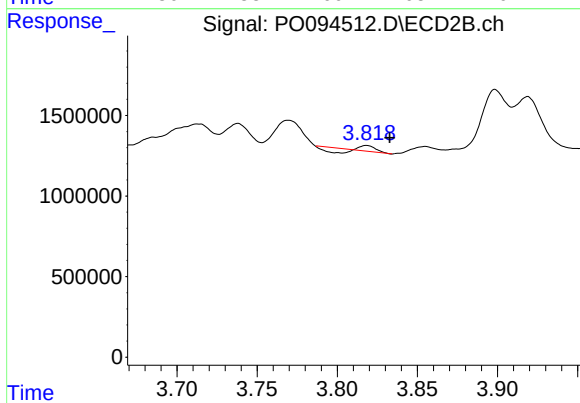
#7 AR-1016-5

R.T.: 5.153 min
Delta R.T.: 0.000 min
Response: 330290
Conc: 9.45 ng/ml



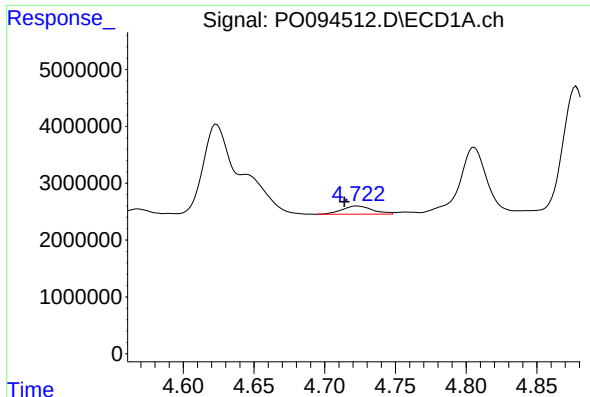
#8 AR-1221-1

R.T.: 4.624 min
Delta R.T.: -0.003 min
Response: 20778555
Conc: 505.92 ng/ml



#8 AR-1221-1

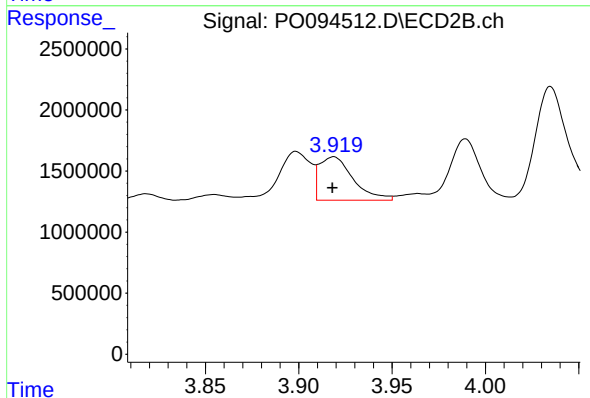
R.T.: 3.818 min
Delta R.T.: -0.015 min
Response: 86139
Conc: 5.19 ng/ml



#9 AR-1221-2

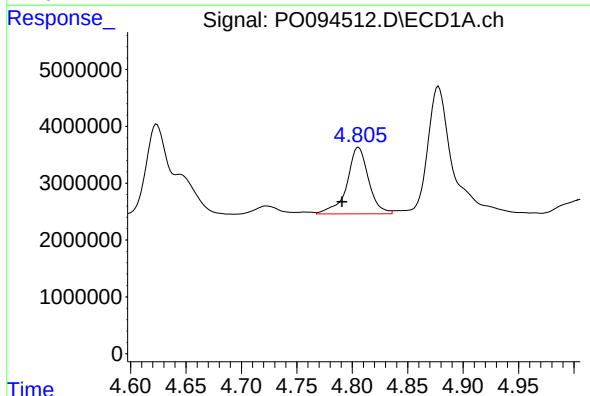
R.T.: 4.723 min
Delta R.T.: 0.009 min
Response: 2125860
Conc: 70.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



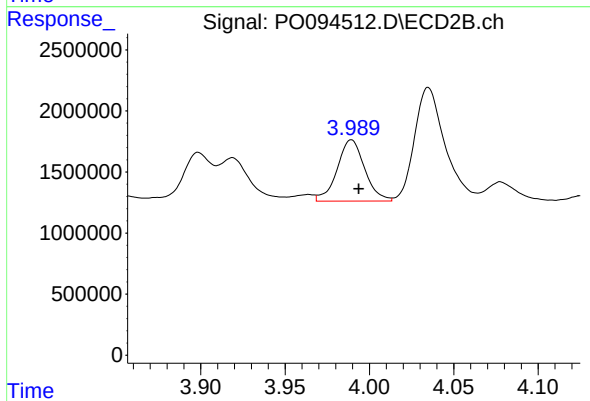
#9 AR-1221-2

R.T.: 3.919 min
Delta R.T.: 0.000 min
Response: 4471634
Conc: 362.12 ng/ml



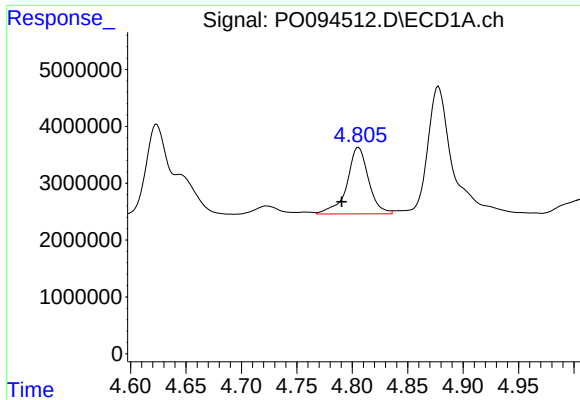
#10 AR-1221-3

R.T.: 4.806 min
Delta R.T.: 0.015 min
Response: 15910131
Conc: 169.66 ng/ml



#10 AR-1221-3

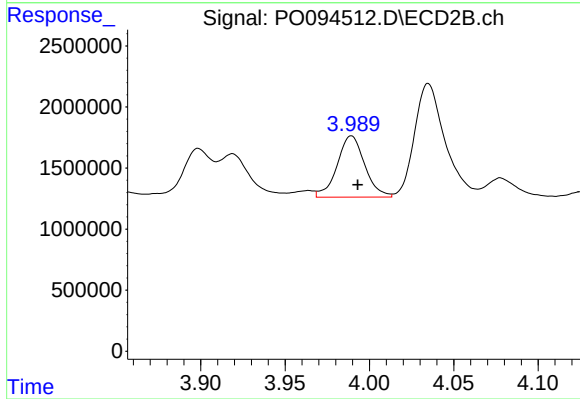
R.T.: 3.989 min
Delta R.T.: -0.004 min
Response: 5711849
Conc: 149.92 ng/ml



#11 AR-1232-1

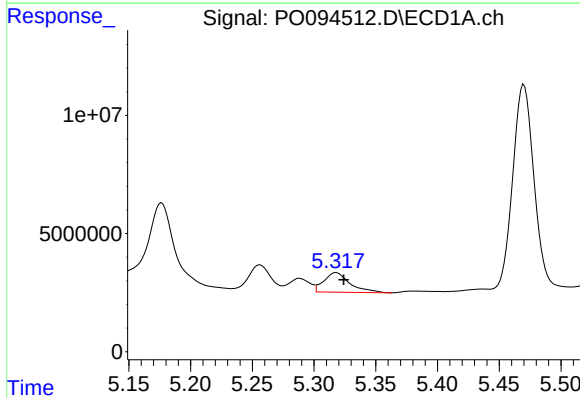
R.T.: 4.806 min
Delta R.T.: 0.015 min
Response: 15910131
Conc: 200.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



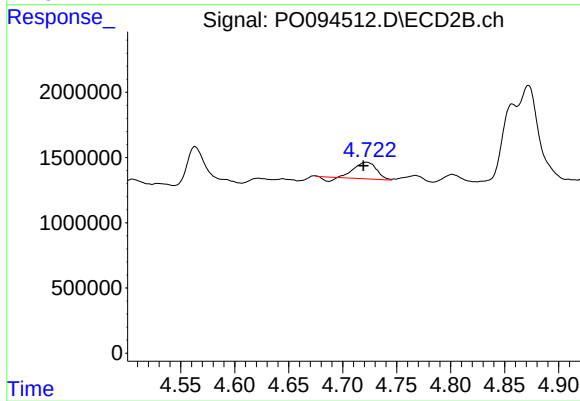
#11 AR-1232-1

R.T.: 3.989 min
Delta R.T.: -0.004 min
Response: 5711849
Conc: 172.88 ng/ml



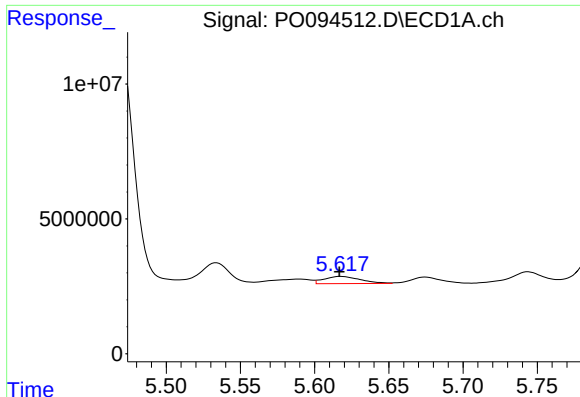
#12 AR-1232-2

R.T.: 5.318 min
Delta R.T.: -0.006 min
Response: 12086636
Conc: 307.58 ng/ml



#12 AR-1232-2

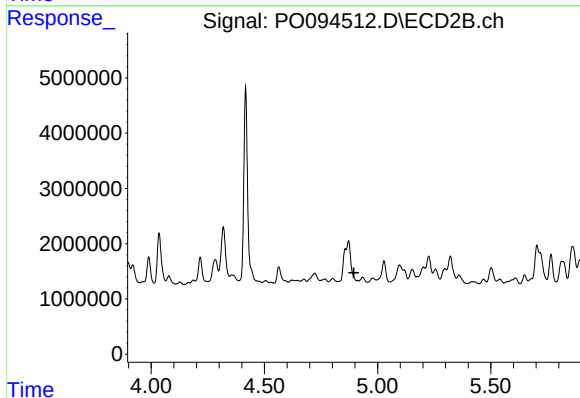
R.T.: 4.722 min
Delta R.T.: 0.003 min
Response: 1740464
Conc: 62.03 ng/ml



#13 AR-1232-3

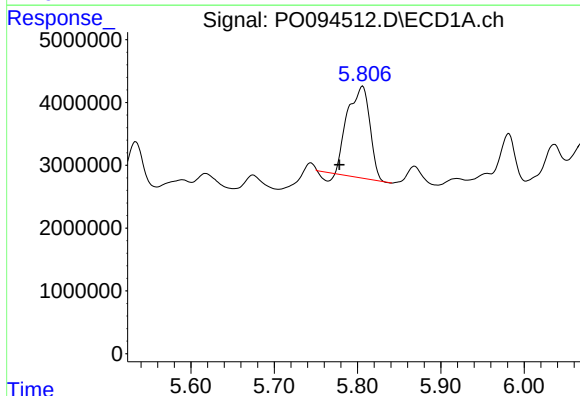
R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 4525387
Conc: 67.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



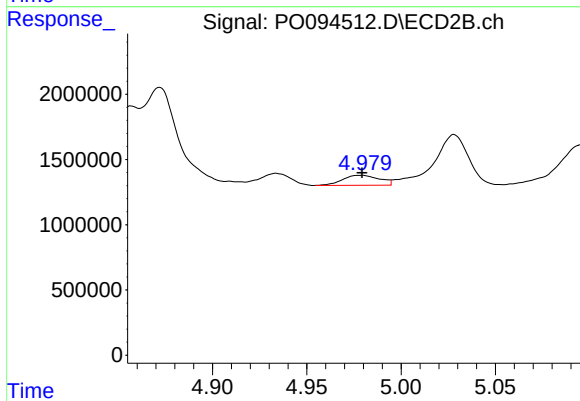
#13 AR-1232-3

R.T.: 4.934 min
Delta R.T.: 0.039 min
Response: -79047
Conc: N.D.



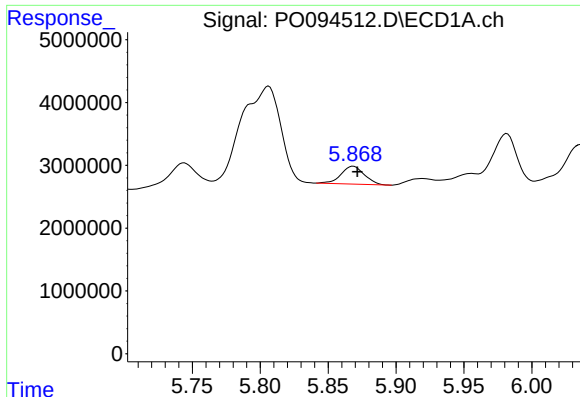
#14 AR-1232-4

R.T.: 5.806 min
Delta R.T.: 0.028 min
Response: 26493577
Conc: 826.19 ng/ml



#14 AR-1232-4

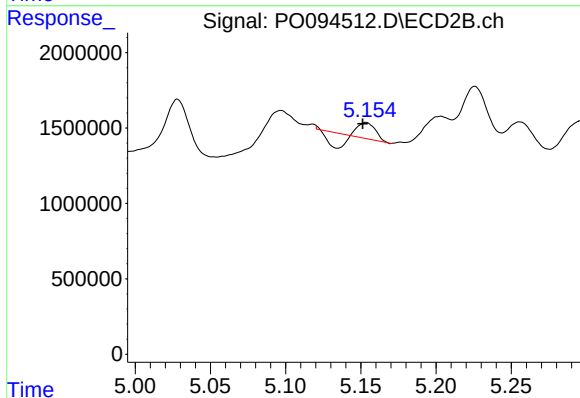
R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 1036227
Conc: 68.85 ng/ml



#15 AR-1232-5

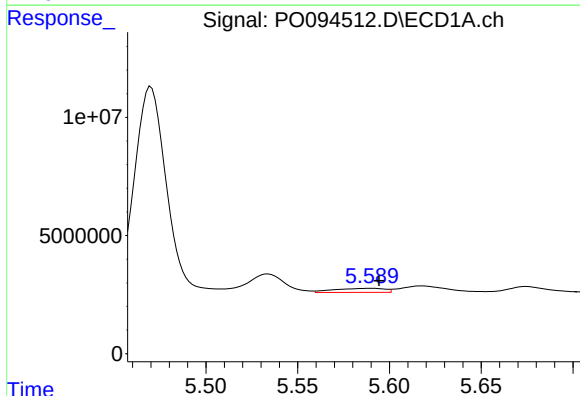
R.T.: 5.869 min
Delta R.T.: -0.003 min
Response: 3389113
Conc: 112.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



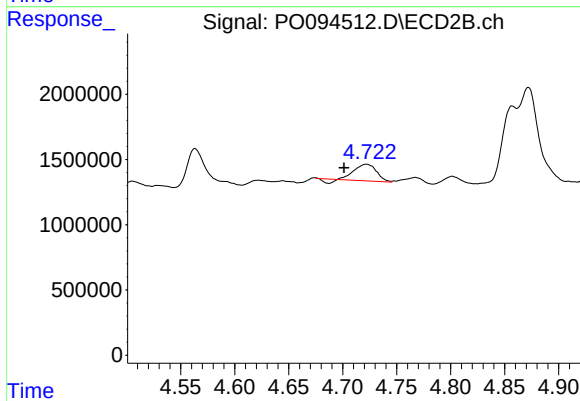
#15 AR-1232-5

R.T.: 5.153 min
Delta R.T.: 0.002 min
Response: 330290
Conc: 20.35 ng/ml



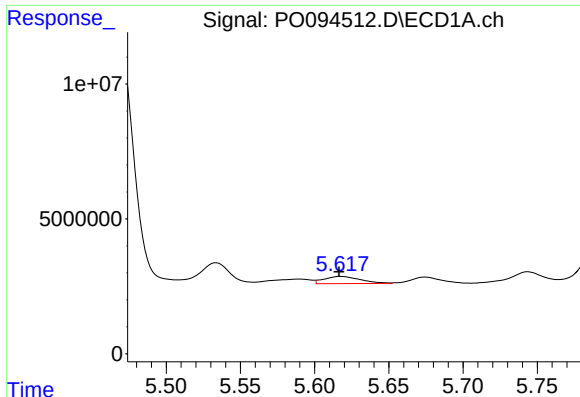
#16 AR-1242-1

R.T.: 5.590 min
Delta R.T.: -0.004 min
Response: 3316582
Conc: 41.95 ng/ml



#16 AR-1242-1

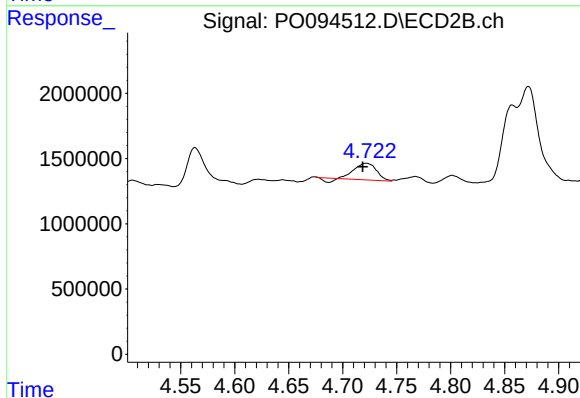
R.T.: 4.722 min
Delta R.T.: 0.021 min
Response: 1740464
Conc: 54.67 ng/ml



#17 AR-1242-2

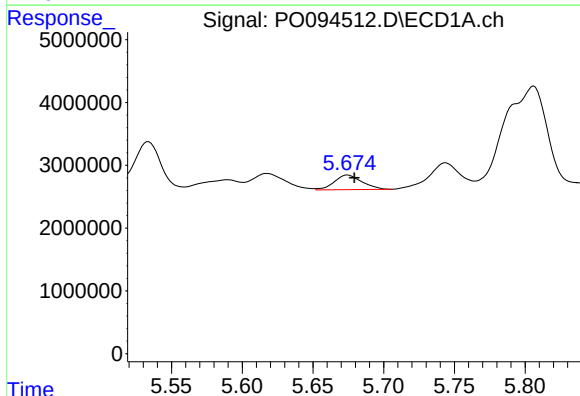
R.T.: 5.618 min
Delta R.T.: 0.001 min
Response: 4525387
Conc: 37.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



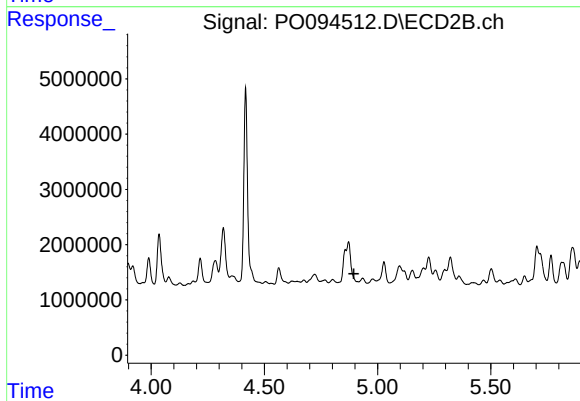
#17 AR-1242-2

R.T.: 4.722 min
Delta R.T.: 0.003 min
Response: 1740464
Conc: 36.44 ng/ml



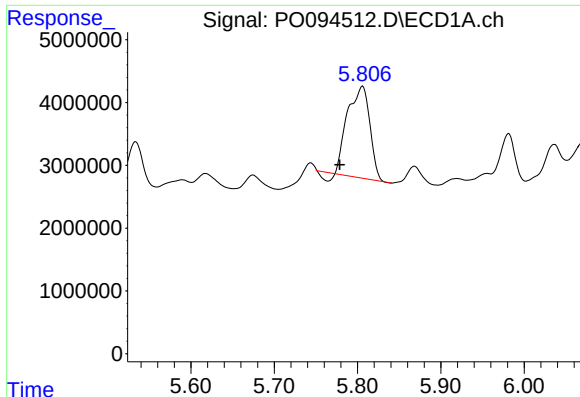
#18 AR-1242-3

R.T.: 5.675 min
Delta R.T.: -0.005 min
Response: 3166380
Conc: 40.40 ng/ml



#18 AR-1242-3

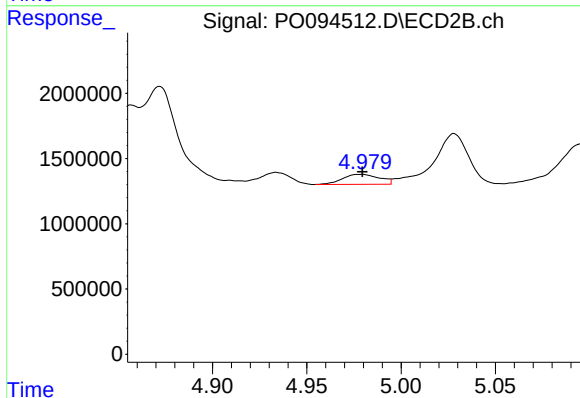
R.T.: 4.934 min
Delta R.T.: 0.039 min
Response: -79047
Conc: N.D.



#19 AR-1242-4

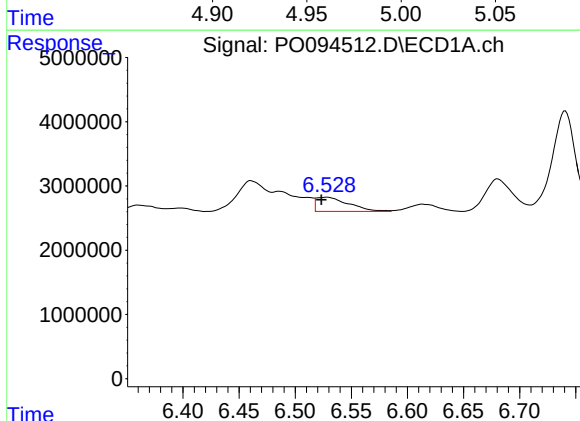
R.T.: 5.806 min
Delta R.T.: 0.027 min
Response: 26493577
Conc: 454.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



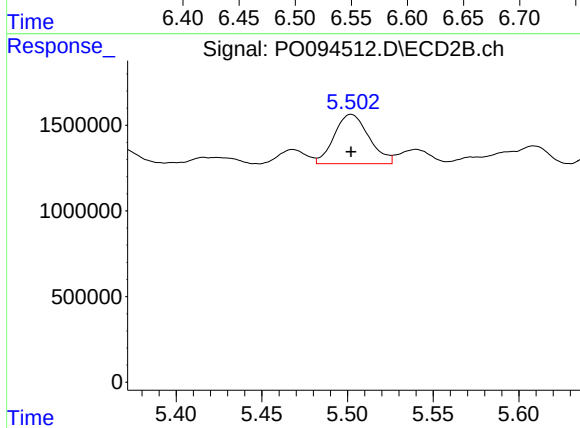
#19 AR-1242-4

R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 1036227
Conc: 35.67 ng/ml



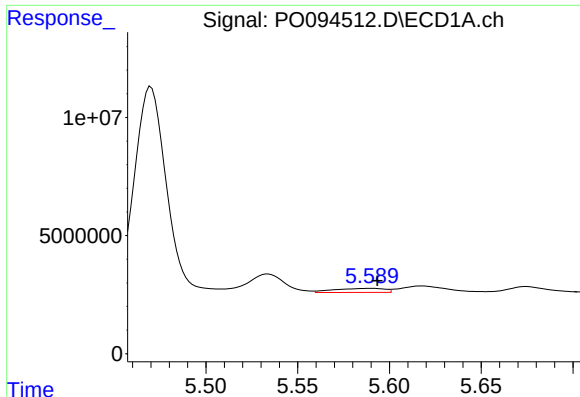
#20 AR-1242-5

R.T.: 6.528 min
Delta R.T.: 0.005 min
Response: 4435408
Conc: 74.18 ng/ml



#20 AR-1242-5

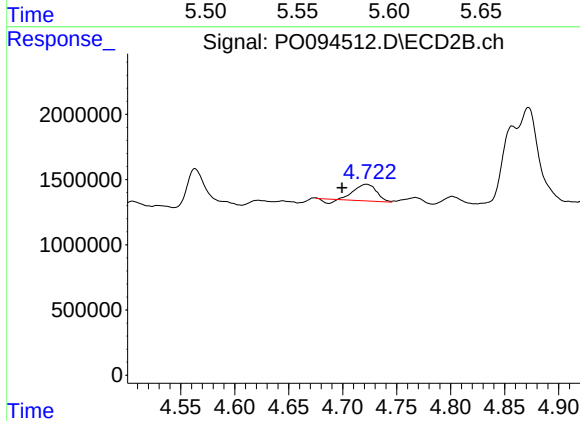
R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 4068506
Conc: 138.37 ng/ml



#21 AR-1248-1

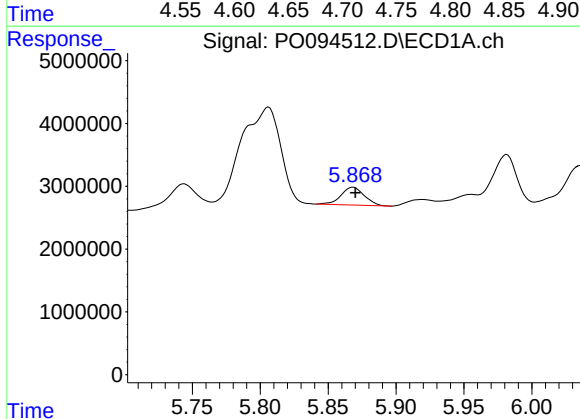
R.T.: 5.590 min
Delta R.T.: -0.004 min
Response: 3316582
Conc: 55.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



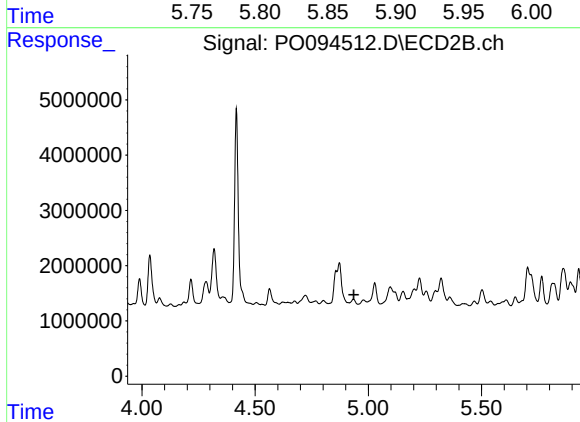
#21 AR-1248-1

R.T.: 4.722 min
Delta R.T.: 0.022 min
Response: 1740464
Conc: 70.63 ng/ml



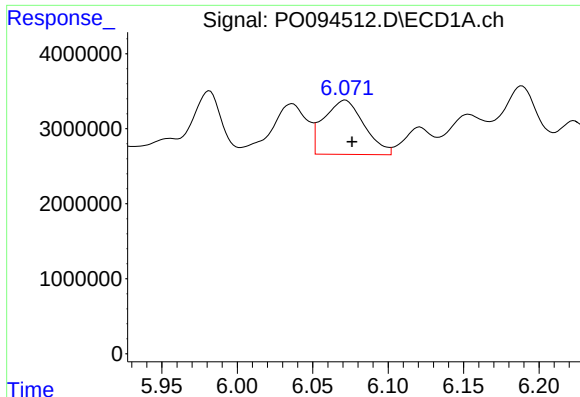
#22 AR-1248-2

R.T.: 5.869 min
Delta R.T.: -0.002 min
Response: 3389113
Conc: 32.84 ng/ml



#22 AR-1248-2

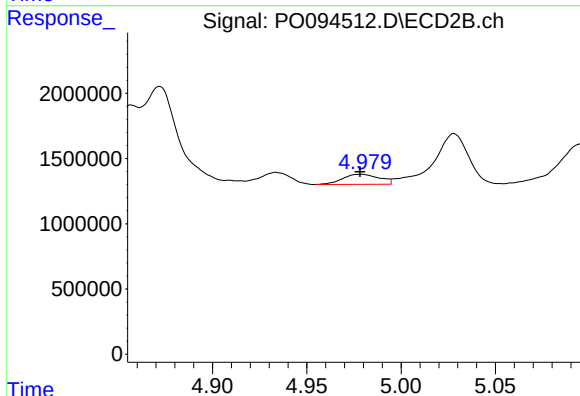
R.T.: 4.934 min
Delta R.T.: -0.002 min
Response: -79047
Conc: N.D.



#23 AR-1248-3

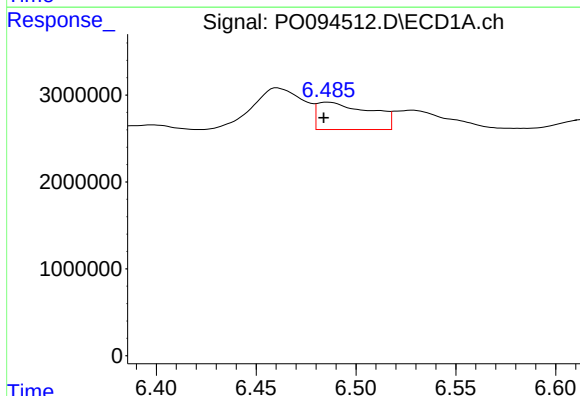
R.T.: 6.072 min
Delta R.T.: -0.004 min
Response: 13458886
Conc: 122.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



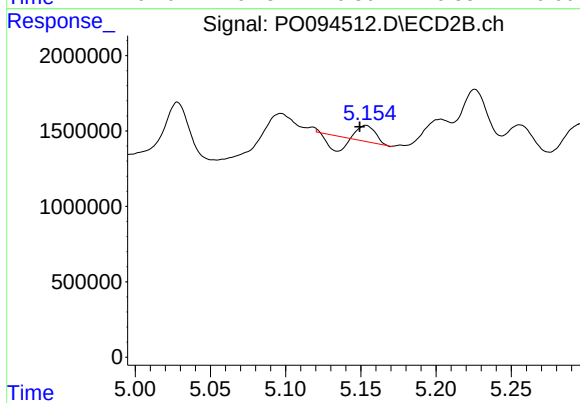
#23 AR-1248-3

R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 1036227
Conc: 24.37 ng/ml



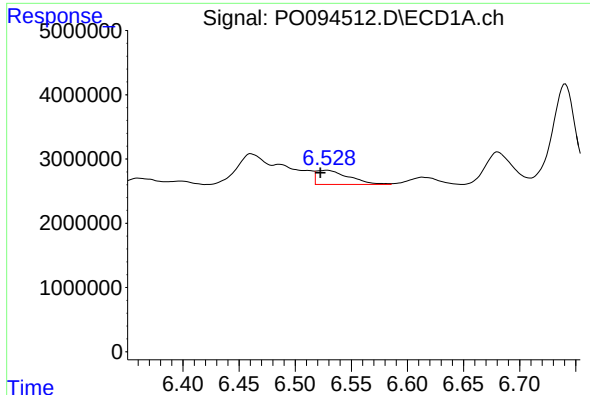
#24 AR-1248-4

R.T.: 6.486 min
Delta R.T.: 0.002 min
Response: 5799486
Conc: 59.22 ng/ml



#24 AR-1248-4

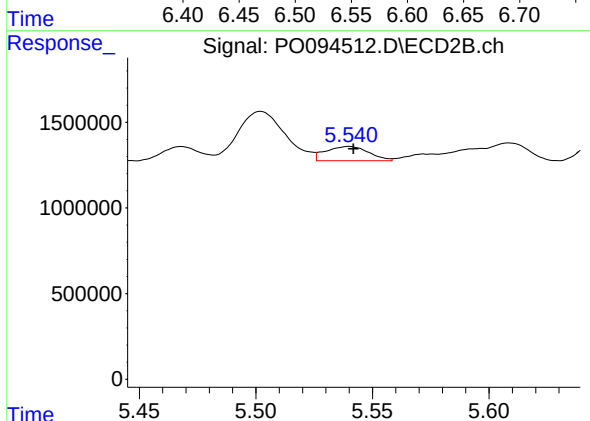
R.T.: 5.153 min
Delta R.T.: 0.004 min
Response: 330290
Conc: 6.82 ng/ml



#25 AR-1248-5

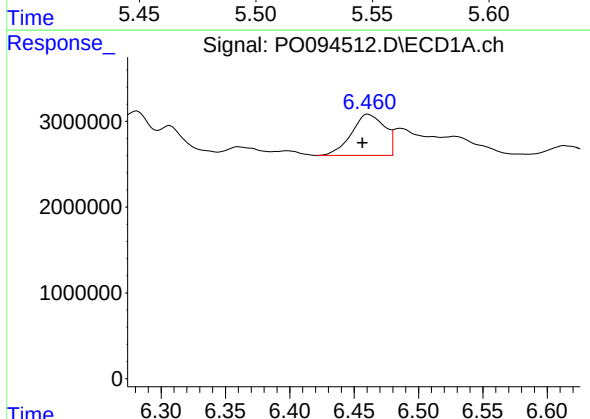
R.T.: 6.528 min
Delta R.T.: 0.006 min
Response: 4435408
Conc: 42.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



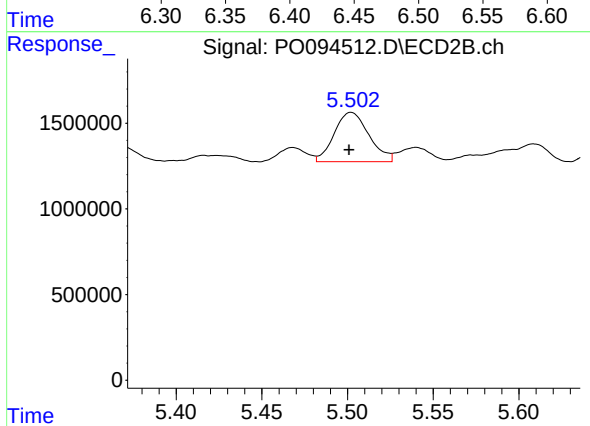
#25 AR-1248-5

R.T.: 5.540 min
Delta R.T.: -0.002 min
Response: 1071177
Conc: 27.95 ng/ml



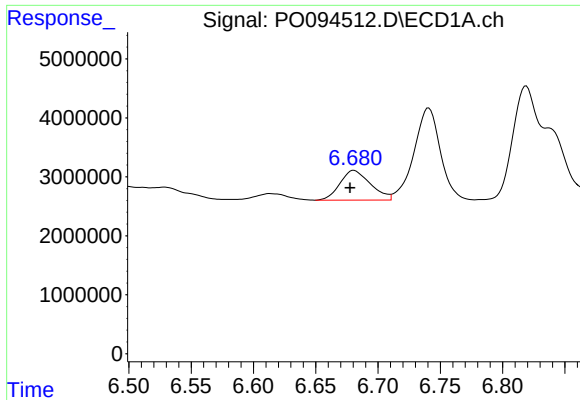
#26 AR-1254-1

R.T.: 6.461 min
Delta R.T.: 0.004 min
Response: 8581146
Conc: 69.40 ng/ml



#26 AR-1254-1

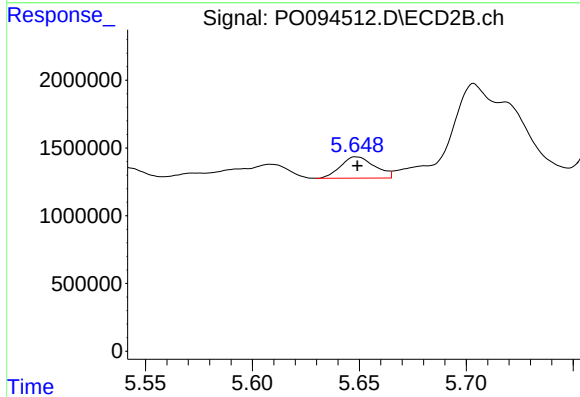
R.T.: 5.502 min
Delta R.T.: 0.001 min
Response: 4068506
Conc: 58.21 ng/ml



#27 AR-1254-2

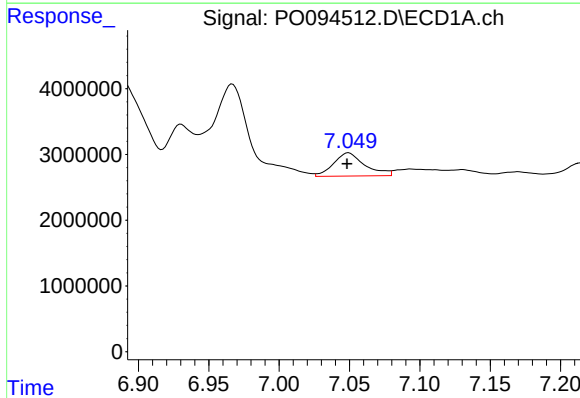
R.T.: 6.681 min
Delta R.T.: 0.003 min
Response: 8599314
Conc: 47.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



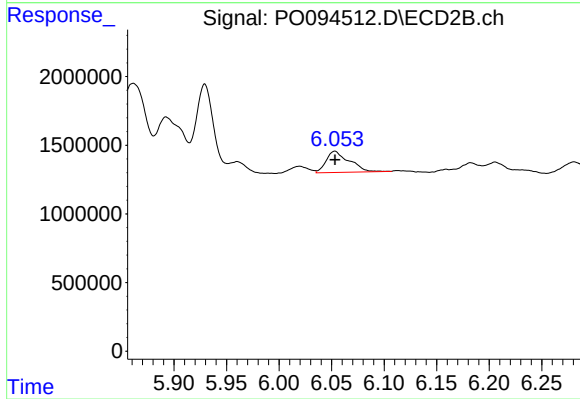
#27 AR-1254-2

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 1748785
Conc: 27.93 ng/ml



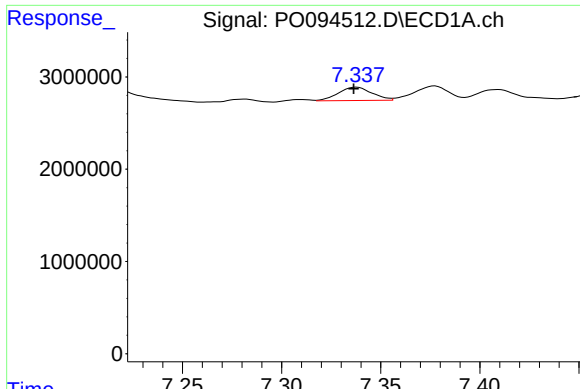
#28 AR-1254-3

R.T.: 7.049 min
Delta R.T.: 0.001 min
Response: 5499991
Conc: 32.24 ng/ml



#28 AR-1254-3

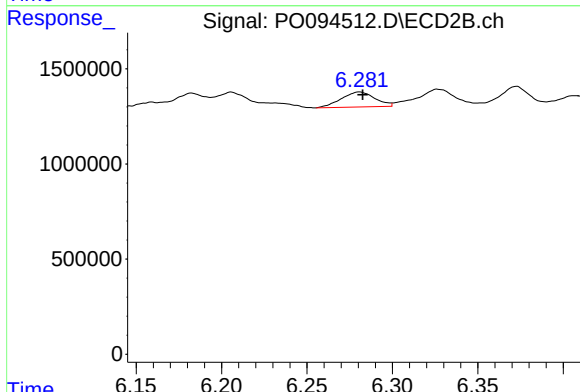
R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 2346747
Conc: 25.38 ng/ml



#29 AR-1254-4

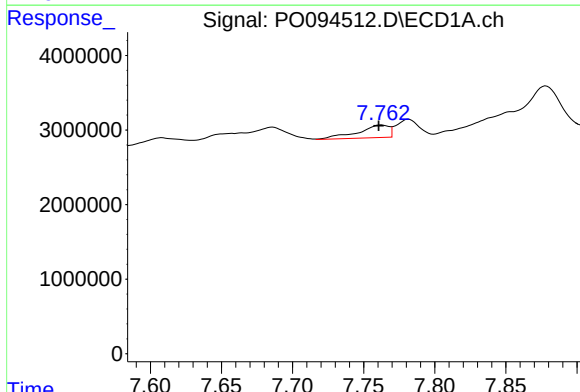
R.T.: 7.338 min
Delta R.T.: 0.001 min
Response: 1697818
Conc: 18.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



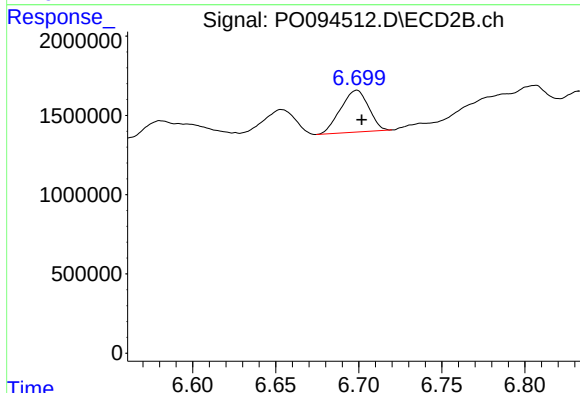
#29 AR-1254-4

R.T.: 6.281 min
Delta R.T.: -0.002 min
Response: 1076306
Conc: 25.40 ng/ml



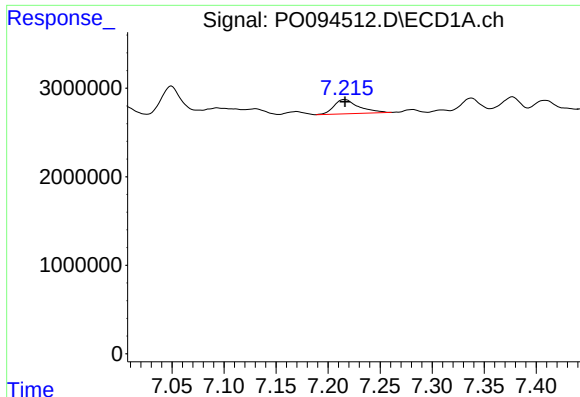
#30 AR-1254-5

R.T.: 7.762 min
Delta R.T.: 0.002 min
Response: 2554065
Conc: 21.39 ng/ml



#30 AR-1254-5

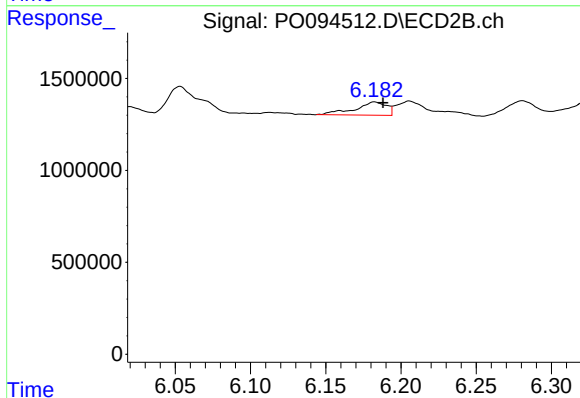
R.T.: 6.699 min
Delta R.T.: -0.003 min
Response: 3095484
Conc: 41.30 ng/ml



#31 AR-1260-1

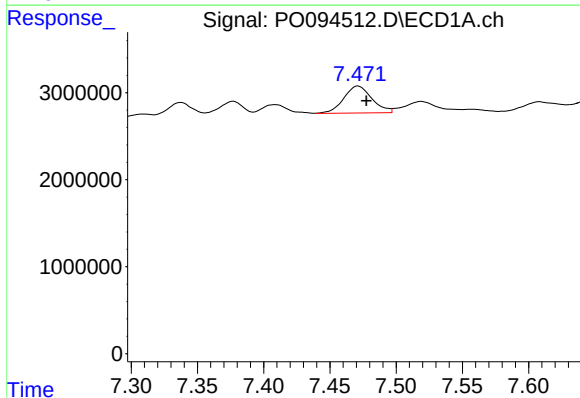
R.T.: 7.216 min
Delta R.T.: 0.000 min
Response: 2606566
Conc: 19.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



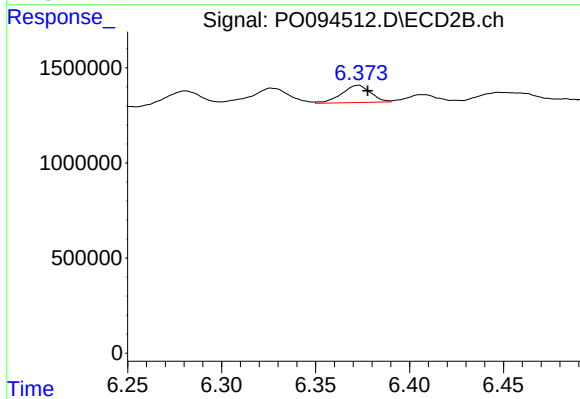
#31 AR-1260-1

R.T.: 6.183 min
Delta R.T.: -0.006 min
Response: 1051377
Conc: 15.66 ng/ml



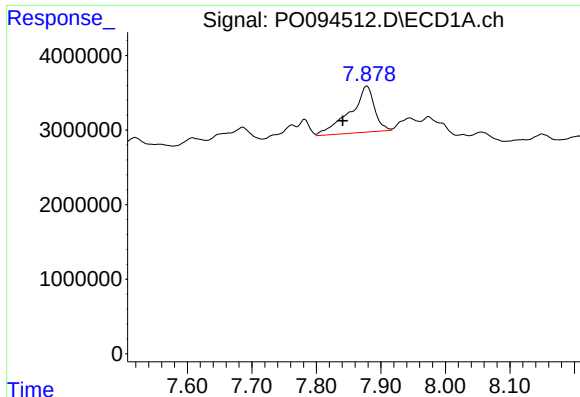
#32 AR-1260-2

R.T.: 7.471 min
Delta R.T.: -0.006 min
Response: 4588980
Conc: 32.78 ng/ml



#32 AR-1260-2

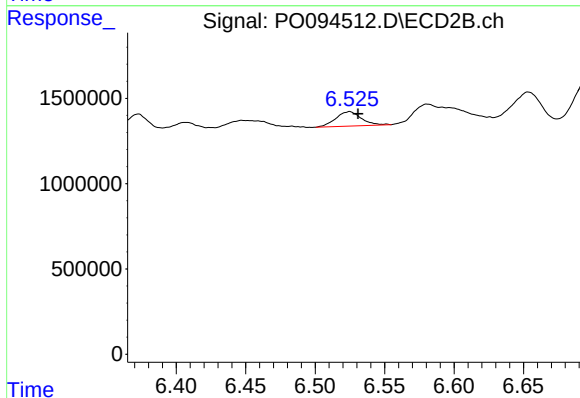
R.T.: 6.373 min
Delta R.T.: -0.005 min
Response: 983352
Conc: 13.23 ng/ml



#33 AR-1260-3

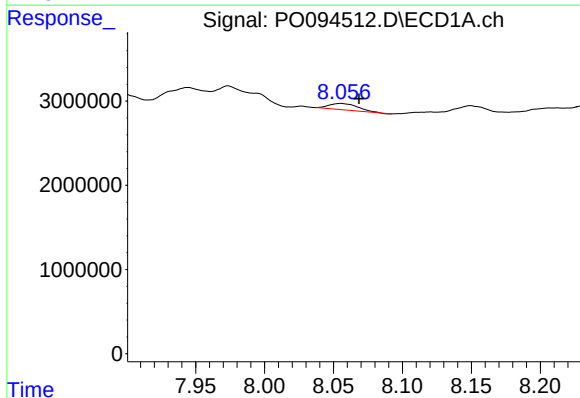
R.T.: 7.878 min
Delta R.T.: 0.037 min
Response: 16183382
Conc: 141.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



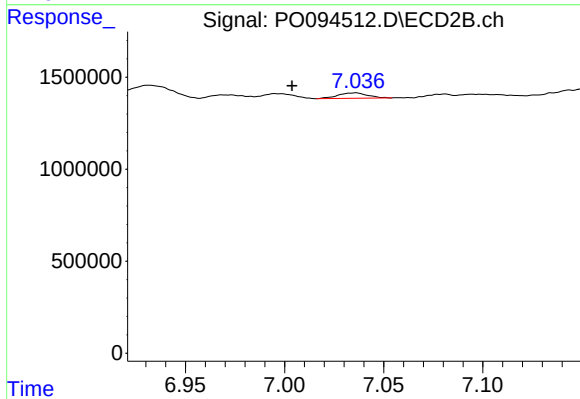
#33 AR-1260-3

R.T.: 6.525 min
Delta R.T.: -0.006 min
Response: 1088344
Conc: 15.24 ng/ml



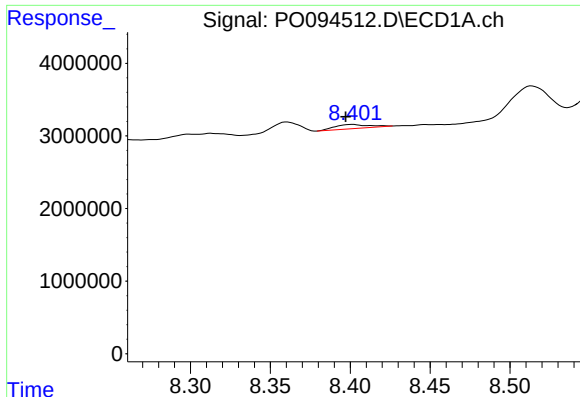
#34 AR-1260-4

R.T.: 8.055 min
Delta R.T.: -0.013 min
Response: 1097287
Conc: 9.17 ng/ml



#34 AR-1260-4

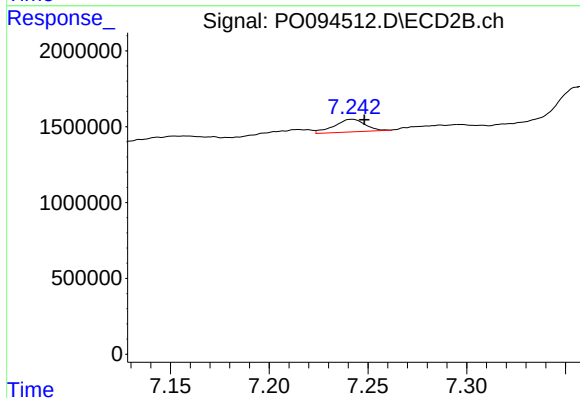
R.T.: 7.036 min
Delta R.T.: 0.032 min
Response: 307775
Conc: 5.23 ng/ml



#35 AR-1260-5

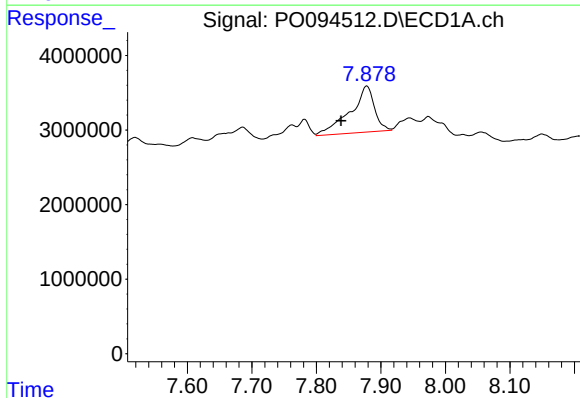
R.T.: 8.402 min
Delta R.T.: 0.004 min
Response: 856150
Conc: 4.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



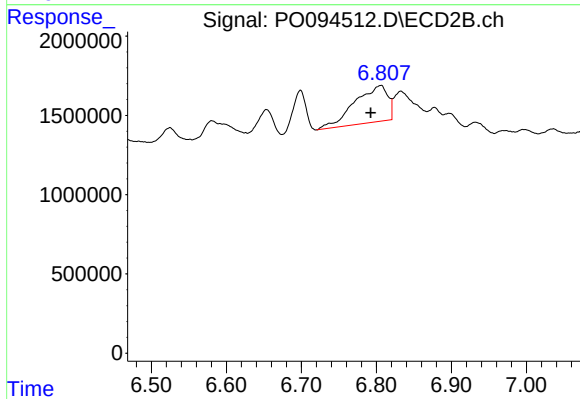
#35 AR-1260-5

R.T.: 7.242 min
Delta R.T.: -0.006 min
Response: 914463
Conc: 8.05 ng/ml



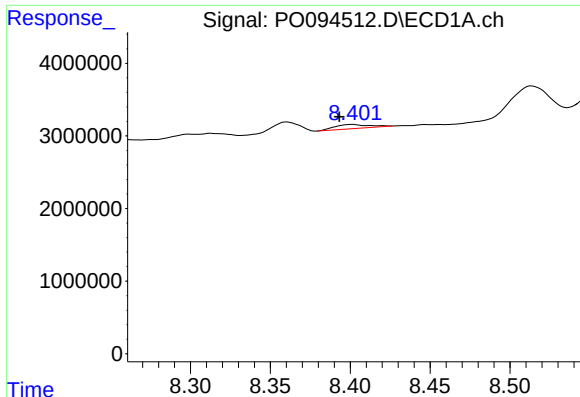
#36 AR-1262-1

R.T.: 7.878 min
Delta R.T.: 0.040 min
Response: 16183382
Conc: 100.76 ng/ml



#36 AR-1262-1

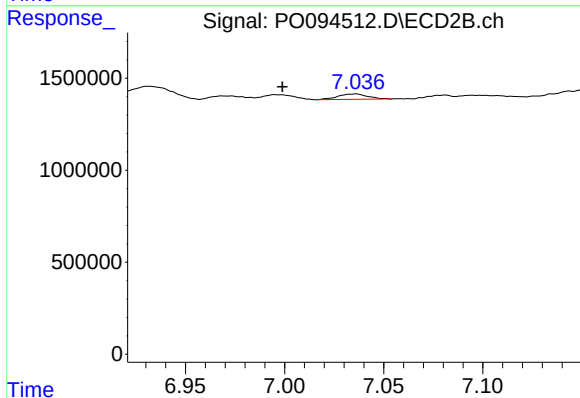
R.T.: 6.806 min
Delta R.T.: 0.013 min
Response: 7034974
Conc: 192.87 ng/ml



#37 AR-1262-2

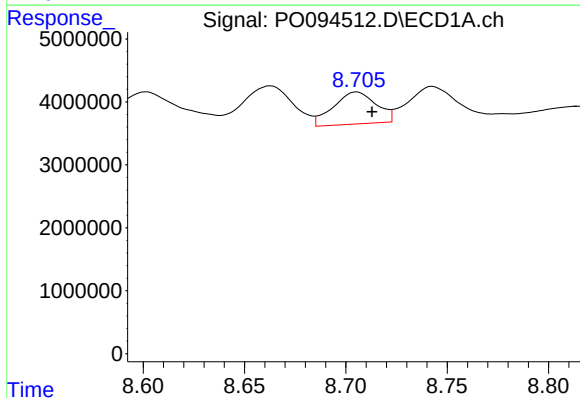
R.T.: 8.402 min
Delta R.T.: 0.008 min
Response: 856150
Conc: 3.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



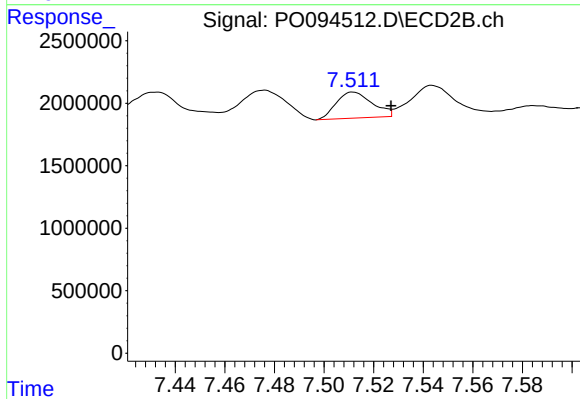
#37 AR-1262-2

R.T.: 7.036 min
Delta R.T.: 0.037 min
Response: 307775
Conc: 4.19 ng/ml



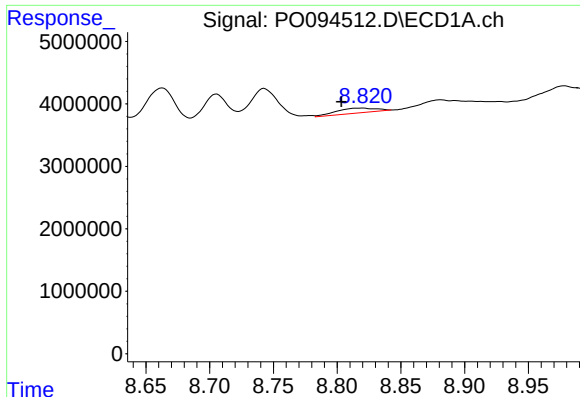
#38 AR-1262-3

R.T.: 8.705 min
Delta R.T.: -0.007 min
Response: 7492611
Conc: 47.79 ng/ml



#38 AR-1262-3

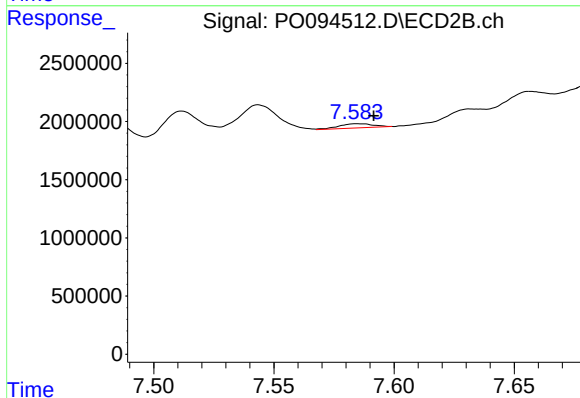
R.T.: 7.512 min
Delta R.T.: -0.015 min
Response: 2094074
Conc: 39.05 ng/ml



#39 AR-1262-4

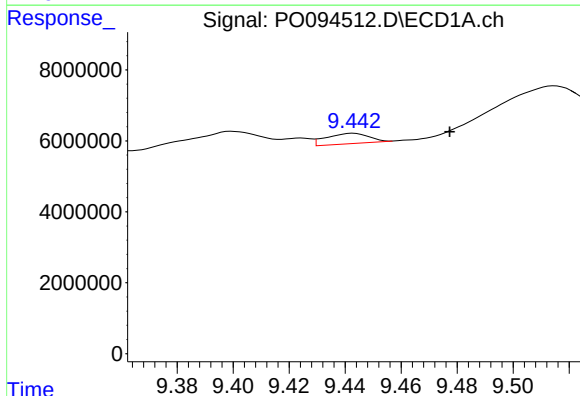
R.T.: 8.820 min
Delta R.T.: 0.017 min
Response: 1704061
Conc: 18.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



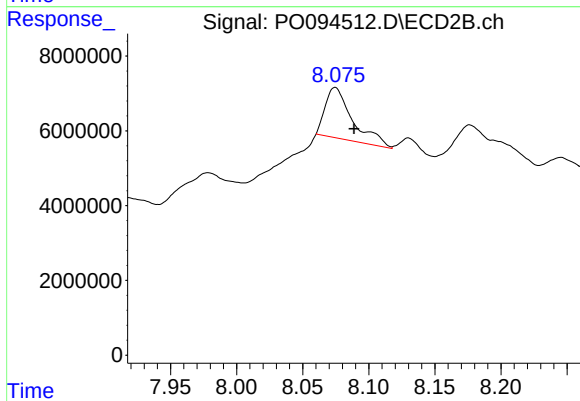
#39 AR-1262-4

R.T.: 7.585 min
Delta R.T.: -0.007 min
Response: 360448
Conc: 3.86 ng/ml



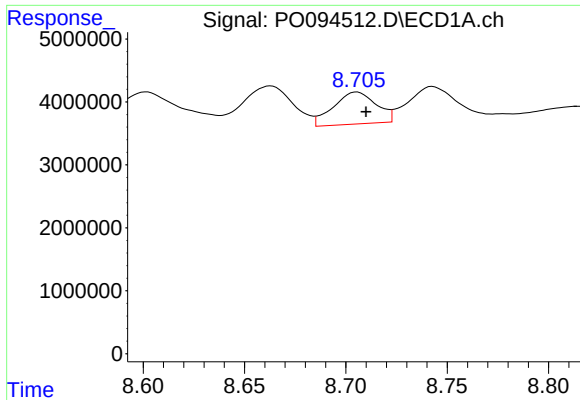
#40 AR-1262-5

R.T.: 9.443 min
Delta R.T.: -0.034 min
Response: 3086063
Conc: 42.21 ng/ml



#40 AR-1262-5

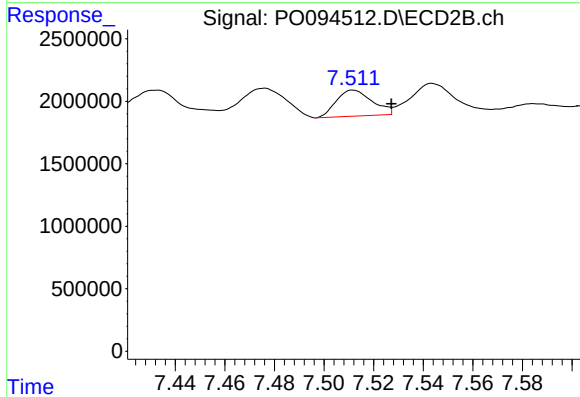
R.T.: 8.075 min
Delta R.T.: -0.014 min
Response: 19325394
Conc: 512.67 ng/ml



#41 AR-1268-1

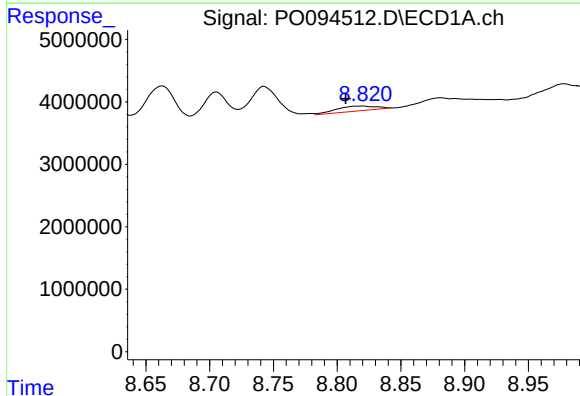
R.T.: 8.705 min
Delta R.T.: -0.005 min
Response: 7492611
Conc: 23.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



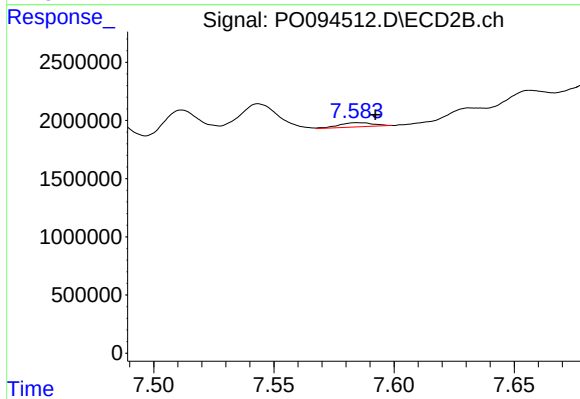
#41 AR-1268-1

R.T.: 7.512 min
Delta R.T.: -0.015 min
Response: 2094074
Conc: 12.60 ng/ml



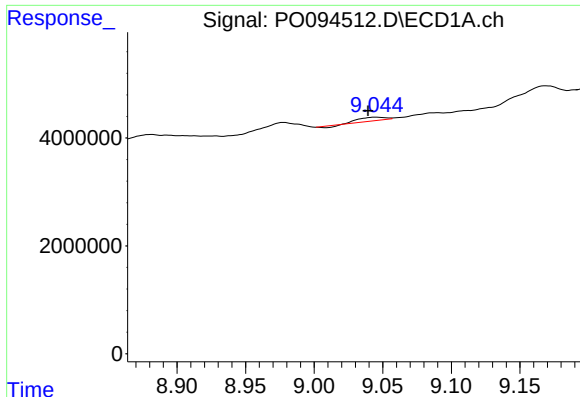
#42 AR-1268-2

R.T.: 8.820 min
Delta R.T.: 0.014 min
Response: 1704061
Conc: 6.04 ng/ml



#42 AR-1268-2

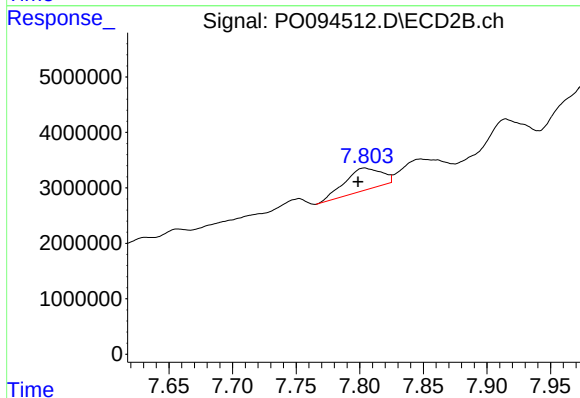
R.T.: 7.585 min
Delta R.T.: -0.007 min
Response: 360448
Conc: 2.34 ng/ml



#43 AR-1268-3

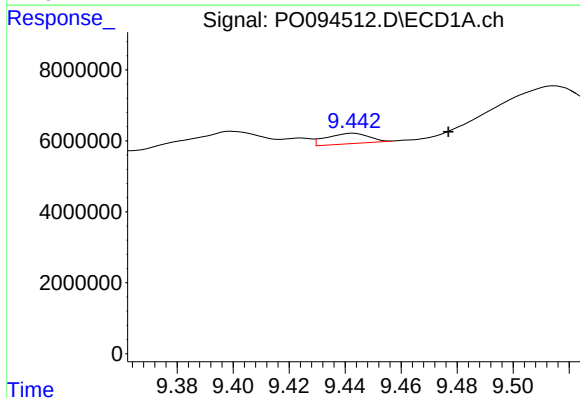
R.T.: 9.045 min
Delta R.T.: 0.005 min
Response: 687298
Conc: 2.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



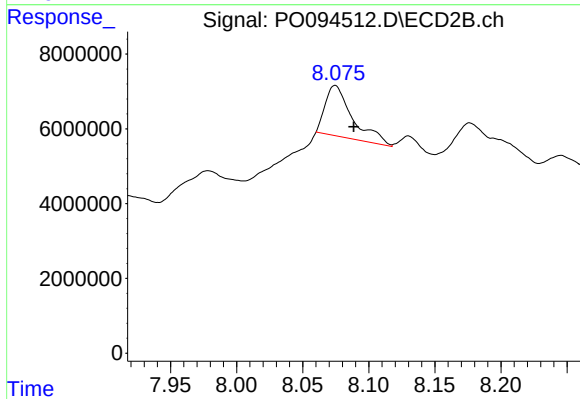
#43 AR-1268-3

R.T.: 7.804 min
Delta R.T.: 0.005 min
Response: 8069891
Conc: 58.80 ng/ml



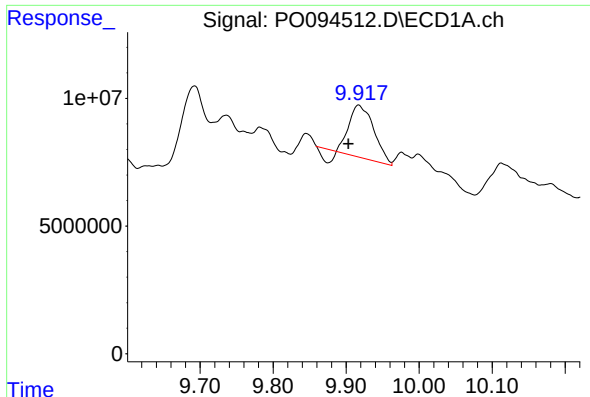
#44 AR-1268-4

R.T.: 9.443 min
Delta R.T.: -0.034 min
Response: 3086063
Conc: 36.58 ng/ml



#44 AR-1268-4

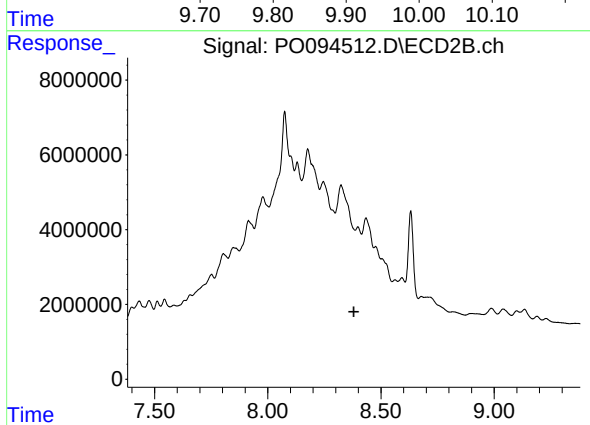
R.T.: 8.075 min
Delta R.T.: -0.014 min
Response: 19325394
Conc: 426.41 ng/ml



#45 AR-1268-5

R.T.: 9.917 min
Delta R.T.: 0.014 min
Response: 45356111
Conc: 56.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.398 min
Delta R.T.: 0.018 min
Response: -985852
Conc: N.D.