

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082223\
 Data File : P0097396.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Aug 2023 21:21
 Operator : YP/AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 01:41:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 08 04:34:41 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...	4.406	3.611	167.8E6	64096910	50.684	48.419
2) SA Decachlor...	10.337	8.621	115.5E6	52836502	52.784	45.670
Target Compounds						
3) L1 AR-1016-1	5.592	4.713	42785656	26441292	454.279	596.384 #
4) L1 AR-1016-2	5.614	4.713	60848066	26441292	454.856	432.254
5) L1 AR-1016-3	5.678	4.889	37895158	14513577	435.471	444.269
6) L1 AR-1016-4	5.778	4.932	29707246	11833662	442.267	413.961
7) L1 AR-1016-5	6.079	5.145	30918438	17452759	442.850	453.950
8) L2 AR-1221-1	4.614	3.823	6096058	2173059	149.578	125.197
9) L2 AR-1221-2	4.706	3.910	8755274	3166295	288.194	245.056
10) L2 AR-1221-3	4.782	3.985	27500267	11362466	314.175	286.251
11) L3 AR-1232-1	4.782	3.985	27500267	11362466	377.060	351.267
12) L3 AR-1232-2	5.319	4.713	35912631	26441292	905.834	916.428
13) L3 AR-1232-3	5.614	4.889	60848066	14513577	994.694	957.242
14) L3 AR-1232-4	5.778	4.973	29707246	15657147	973.567	1047.675
15) L3 AR-1232-5	5.871	5.145	27489952	17452759	982.374	1067.658
16) L4 AR-1242-1	5.592	4.713	42785656	26441292	510.466	670.674 #
17) L4 AR-1242-2	5.614	4.713	60848066	26441292	516.705	485.243
18) L4 AR-1242-3	5.678	4.889	37895158	14513577	512.981	490.845
19) L4 AR-1242-4	5.778	4.973	29707246	15657147	499.027	496.833
20) L4 AR-1242-5	6.532	5.497	28611491	19225131	520.022	527.638
21) L5 AR-1248-1	5.592	4.713	42785656	26441292	730.205	942.228 #
22) L5 AR-1248-2	5.871	4.932	27489952	11833662	292.392	279.221
23) L5 AR-1248-3	6.079	4.973	30918438	15657147	316.111	356.939
24) L5 AR-1248-4	6.492	5.145	28236825	17452759	310.829	341.877
25) L5 AR-1248-5	6.532	5.538	28611491	16188805	324.813	346.271
26) L6 AR-1254-1	6.464	5.497	21419639	19225131	195.988	260.517 #
27) L6 AR-1254-2	6.693	5.645	27001399	7590034	167.474	115.209 #
28) L6 AR-1254-3	7.066	6.049	17073839	10027208	108.961	99.218
29) L6 AR-1254-4	7.357	6.279	19897984	12089550	197.365	208.891
30) L6 AR-1254-5	7.788	6.696	15562487	8012369	138.685	91.138 #
31) L7 AR-1260-1	7.234	6.193	5698472	7011258	45.338	99.637 #
32) L7 AR-1260-2	7.495	6.369	6546725	3849778	48.590	46.125
33) L7 AR-1260-3	7.870	6.519	433752	2120387	4.180	27.459 #
34) L7 AR-1260-4	8.083	6.995	9437988	391699	84.416	6.112 #
35) L7 AR-1260-5	8.431	7.237	2783894	545808	13.258	3.937 #
36) L8 AR-1262-1	7.870	6.765f	433752	556498	2.920	14.136 #
37) L8 AR-1262-2	8.431	6.995	2783894	391699	12.027	4.830 #
38) L8 AR-1262-3	8.773	7.523	2184255	207746	13.095	3.237 #
39) L8 AR-1262-4	8.855	7.584	139309	977073	1.911	8.601 #
40) L8 AR-1262-5	9.541	0.000	89644	0	1.076	N.D. #
41) L9 AR-1268-1	8.773	7.523	2184255	207746	7.105	1.121 #

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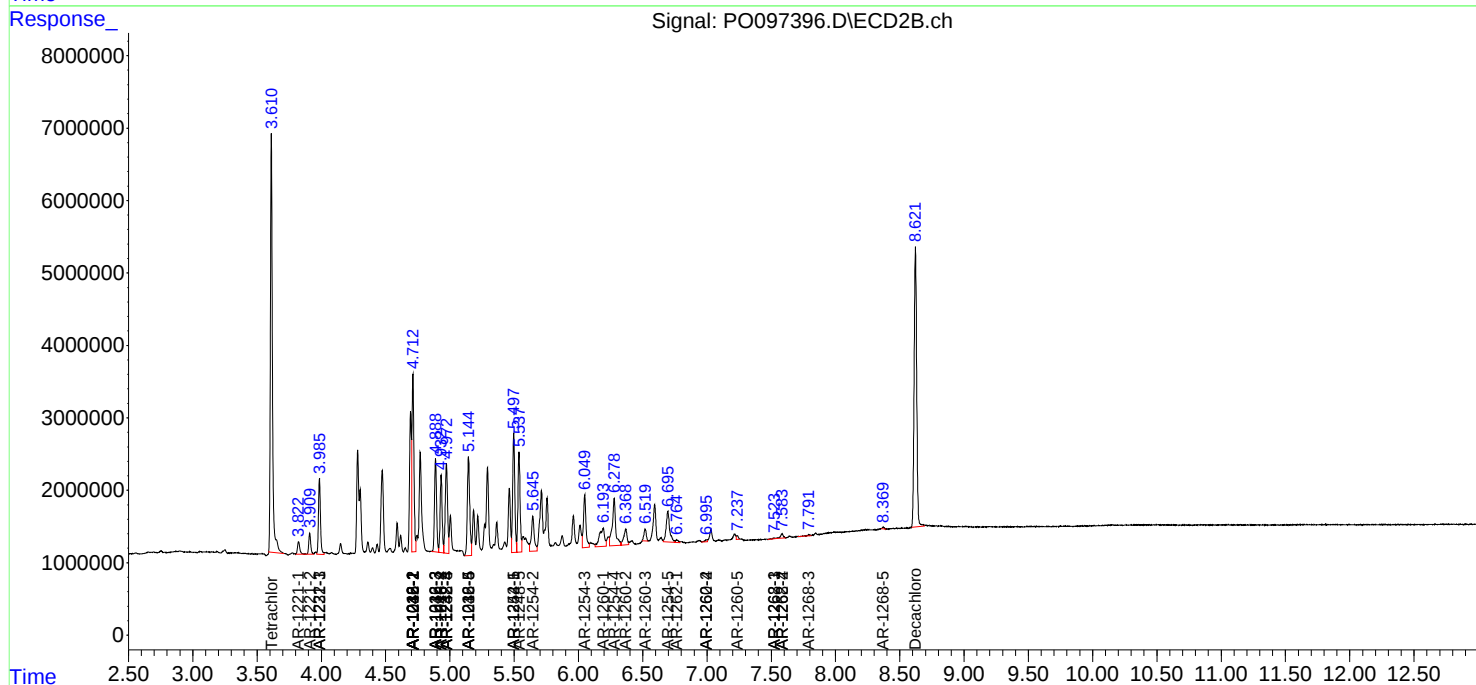
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

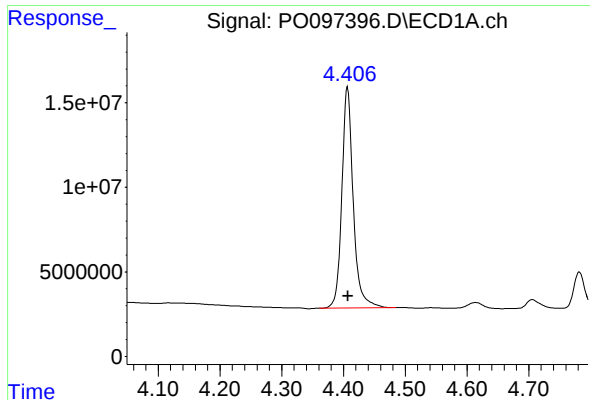
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.855	7.584	139309	977073	0.508	5.827 #
43) L9	AR-1268-3	9.090	7.791	408393	160320	1.599	1.110 #
44) L9	AR-1268-4	9.541	0.000	89644	0	0.967	N.D. #
45) L9	AR-1268-5	9.980	8.371	1092467	252941	1.352	0.608 #

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

Instrument :
ECD_O
ClientSampleId :

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

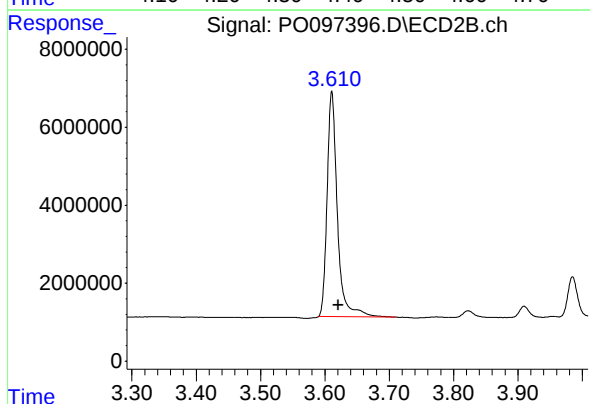




#1 Tetrachloro-m-xylene

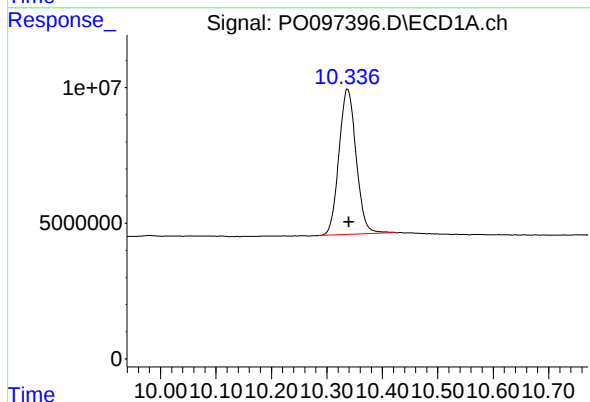
R.T.: 4.406 min
Delta R.T.: 0.000 min
Response: 167773249
Conc: 50.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



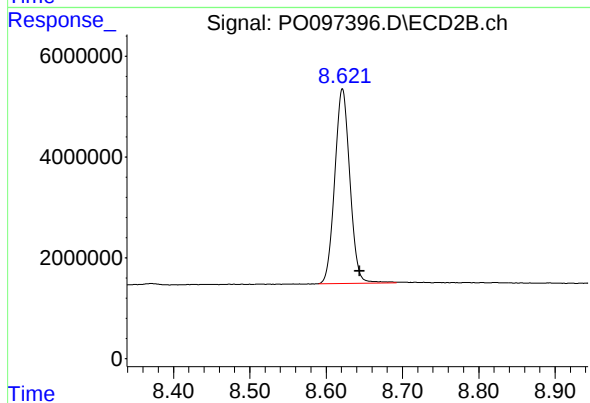
#1 Tetrachloro-m-xylene

R.T.: 3.611 min
Delta R.T.: -0.010 min
Response: 64096910
Conc: 48.42 ng/ml



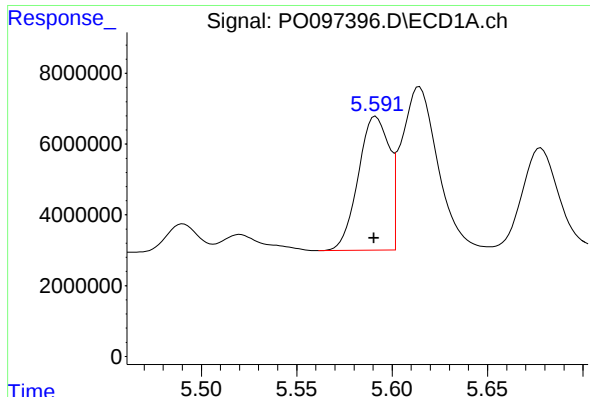
#2 Decachlorobiphenyl

R.T.: 10.337 min
Delta R.T.: -0.002 min
Response: 115500304
Conc: 52.78 ng/ml



#2 Decachlorobiphenyl

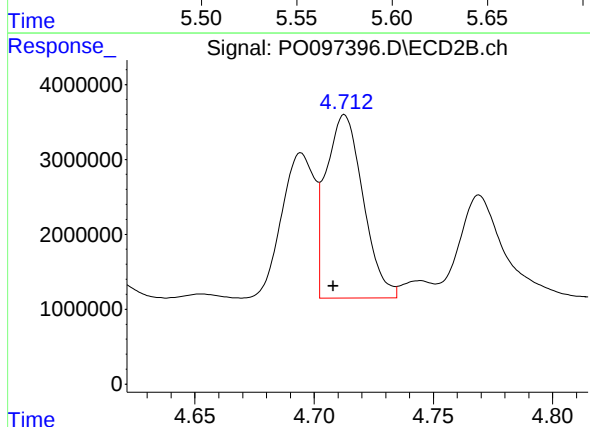
R.T.: 8.621 min
Delta R.T.: -0.023 min
Response: 52836502
Conc: 45.67 ng/ml



#3 AR-1016-1

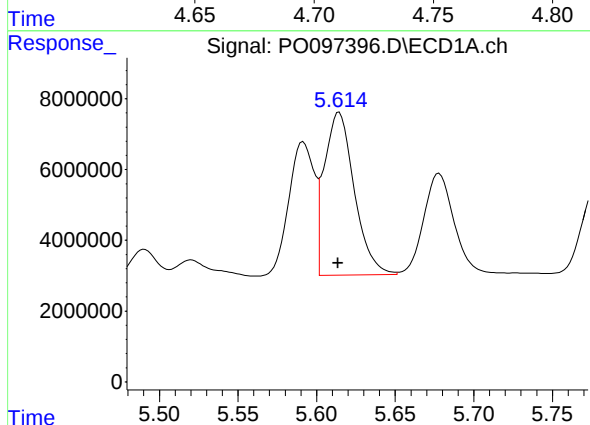
R.T.: 5.592 min
Delta R.T.: 0.000 min
Response: 42785656
Conc: 454.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



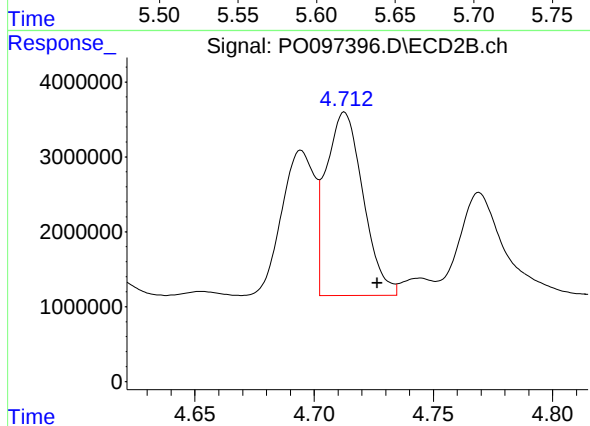
#3 AR-1016-1

R.T.: 4.713 min
Delta R.T.: 0.005 min
Response: 26441292
Conc: 596.38 ng/ml



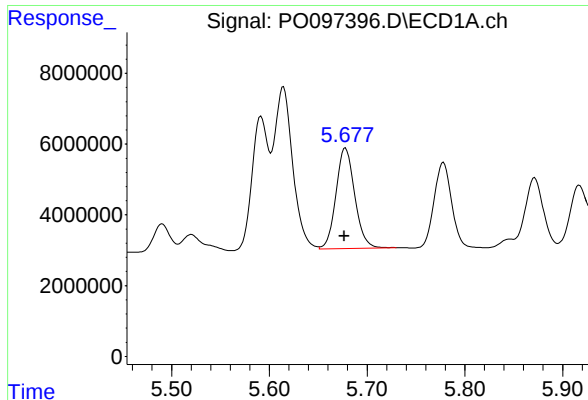
#4 AR-1016-2

R.T.: 5.614 min
Delta R.T.: 0.000 min
Response: 60848066
Conc: 454.86 ng/ml



#4 AR-1016-2

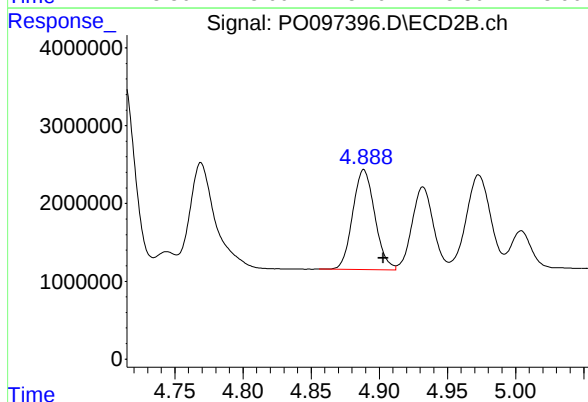
R.T.: 4.713 min
Delta R.T.: -0.014 min
Response: 26441292
Conc: 432.25 ng/ml



#5 AR-1016-3

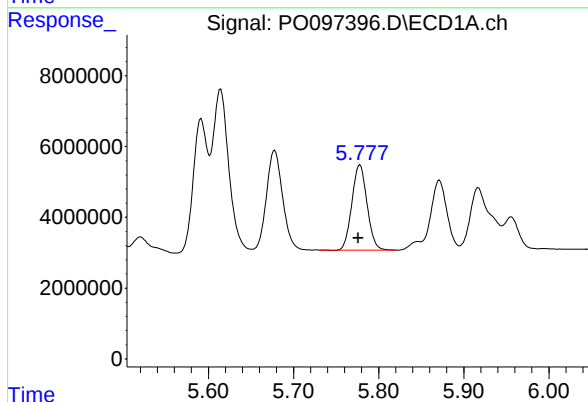
R.T.: 5.678 min
Delta R.T.: 0.001 min
Response: 37895158
Conc: 435.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



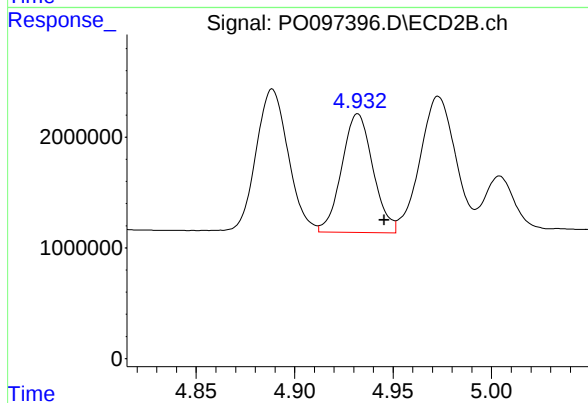
#5 AR-1016-3

R.T.: 4.889 min
Delta R.T.: -0.014 min
Response: 14513577
Conc: 444.27 ng/ml



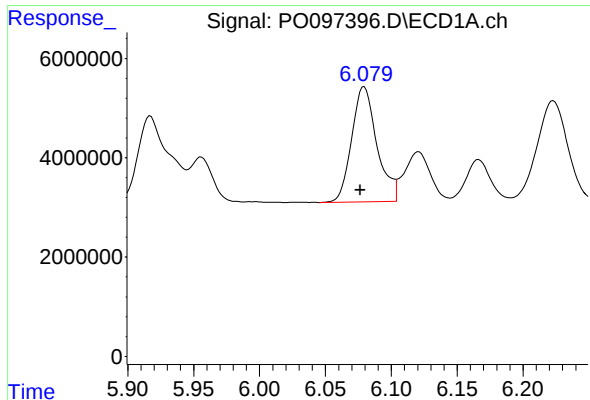
#6 AR-1016-4

R.T.: 5.778 min
Delta R.T.: 0.002 min
Response: 29707246
Conc: 442.27 ng/ml



#6 AR-1016-4

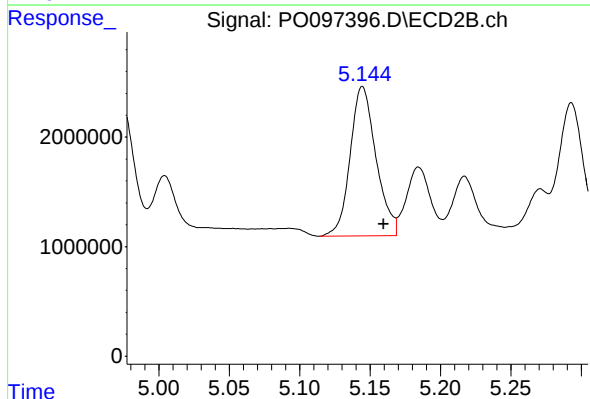
R.T.: 4.932 min
Delta R.T.: -0.014 min
Response: 11833662
Conc: 413.96 ng/ml



#7 AR-1016-5

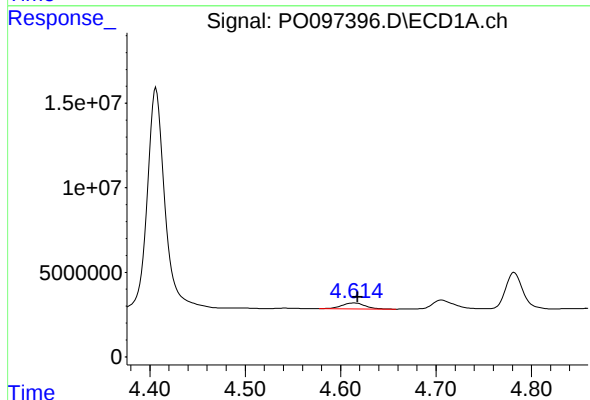
R.T.: 6.079 min
Delta R.T.: 0.003 min
Response: 30918438
Conc: 442.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



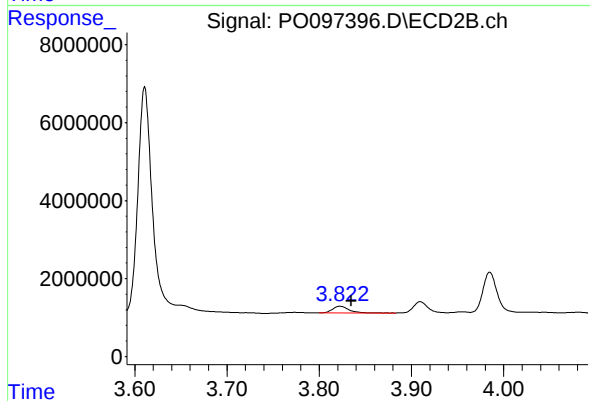
#7 AR-1016-5

R.T.: 5.145 min
Delta R.T.: -0.015 min
Response: 17452759
Conc: 453.95 ng/ml



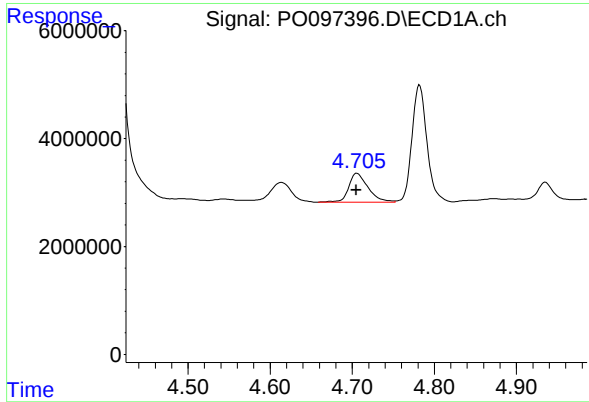
#8 AR-1221-1

R.T.: 4.614 min
Delta R.T.: -0.003 min
Response: 6096058
Conc: 149.58 ng/ml



#8 AR-1221-1

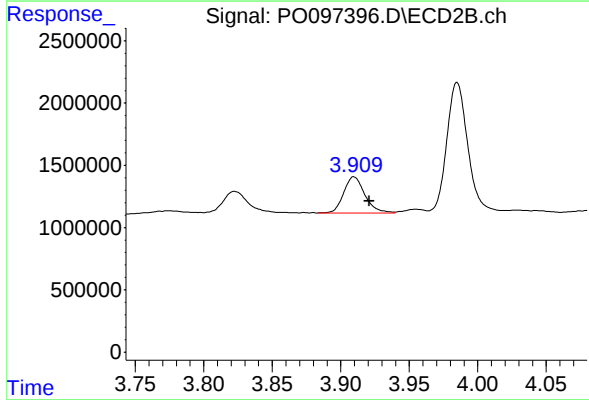
R.T.: 3.823 min
Delta R.T.: -0.012 min
Response: 2173059
Conc: 125.20 ng/ml



#9 AR-1221-2

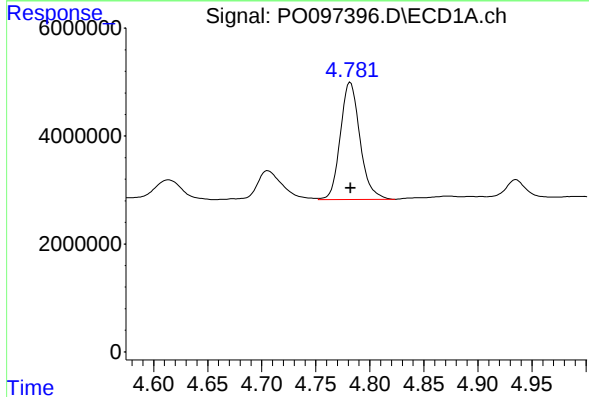
R.T.: 4.706 min
Delta R.T.: 0.000 min
Response: 8755274
Conc: 288.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



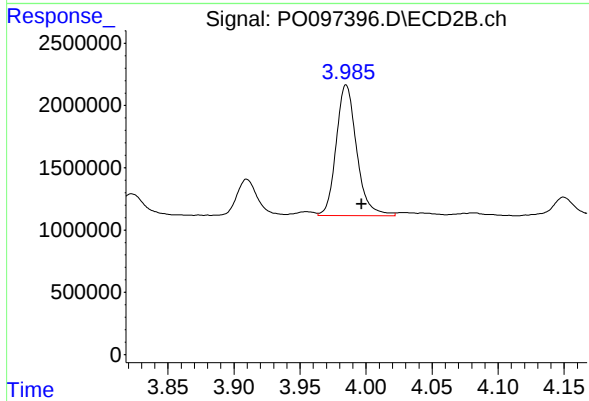
#9 AR-1221-2

R.T.: 3.910 min
Delta R.T.: -0.011 min
Response: 3166295
Conc: 245.06 ng/ml



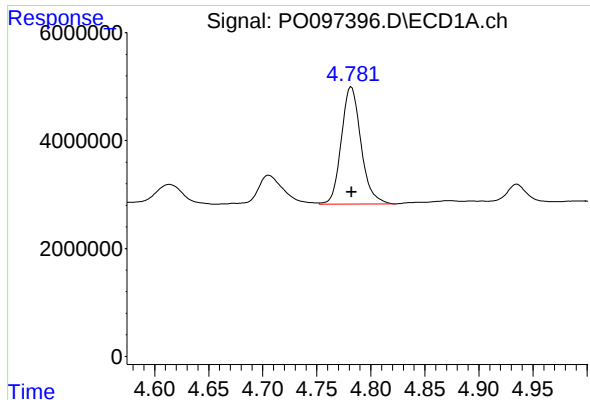
#10 AR-1221-3

R.T.: 4.782 min
Delta R.T.: 0.000 min
Response: 27500267
Conc: 314.18 ng/ml



#10 AR-1221-3

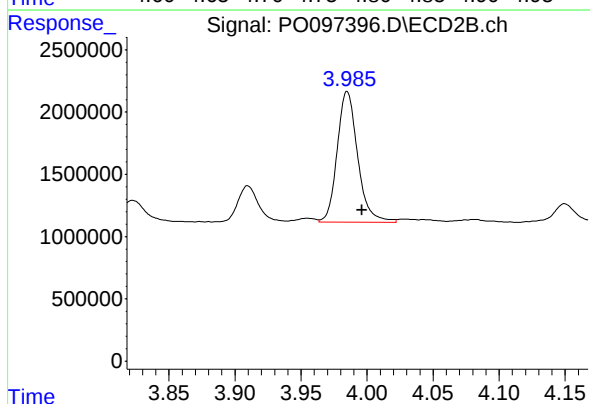
R.T.: 3.985 min
Delta R.T.: -0.012 min
Response: 11362466
Conc: 286.25 ng/ml



#11 AR-1232-1

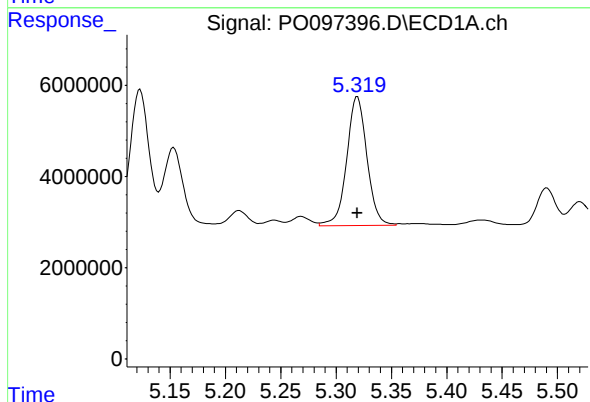
R.T.: 4.782 min
Delta R.T.: 0.000 min
Response: 27500267
Conc: 377.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



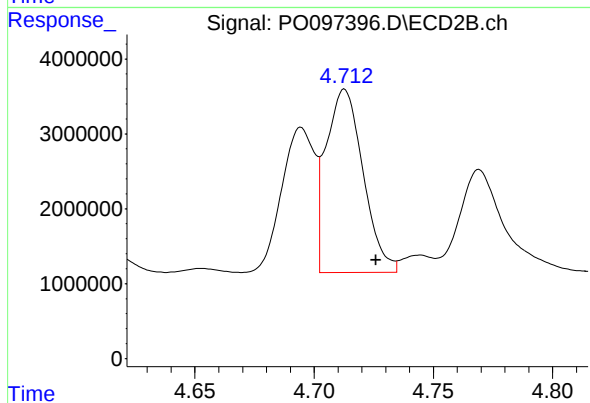
#11 AR-1232-1

R.T.: 3.985 min
Delta R.T.: -0.011 min
Response: 11362466
Conc: 351.27 ng/ml



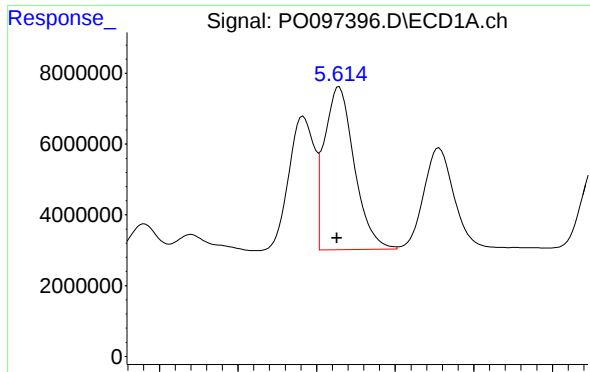
#12 AR-1232-2

R.T.: 5.319 min
Delta R.T.: 0.000 min
Response: 35912631
Conc: 905.83 ng/ml



#12 AR-1232-2

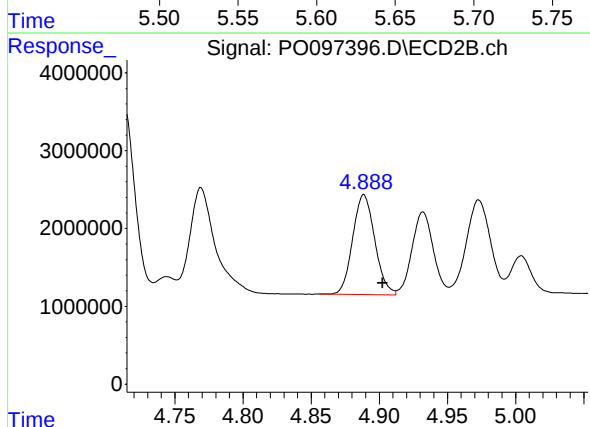
R.T.: 4.713 min
Delta R.T.: -0.013 min
Response: 26441292
Conc: 916.43 ng/ml



#13 AR-1232-3

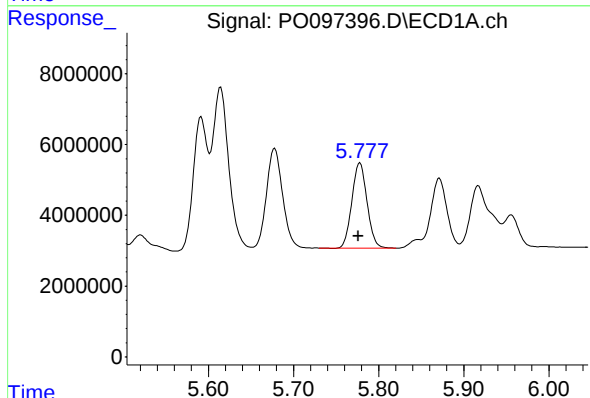
R.T.: 5.614 min
Delta R.T.: 0.001 min
Response: 60848066
Conc: 994.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



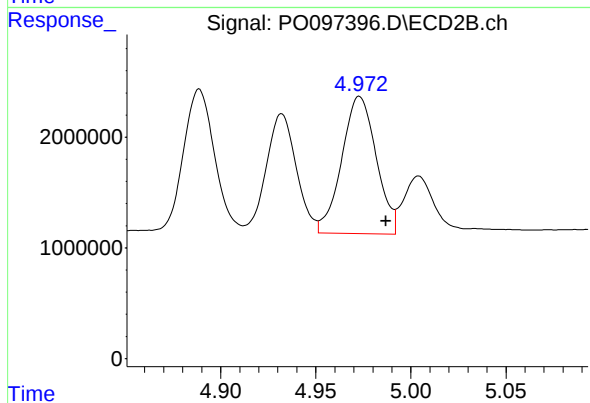
#13 AR-1232-3

R.T.: 4.889 min
Delta R.T.: -0.014 min
Response: 14513577
Conc: 957.24 ng/ml



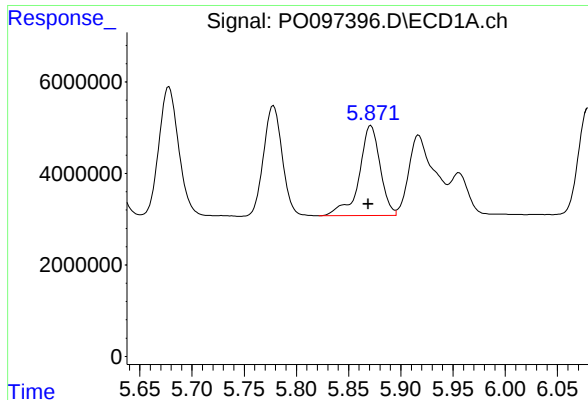
#14 AR-1232-4

R.T.: 5.778 min
Delta R.T.: 0.002 min
Response: 29707246
Conc: 973.57 ng/ml



#14 AR-1232-4

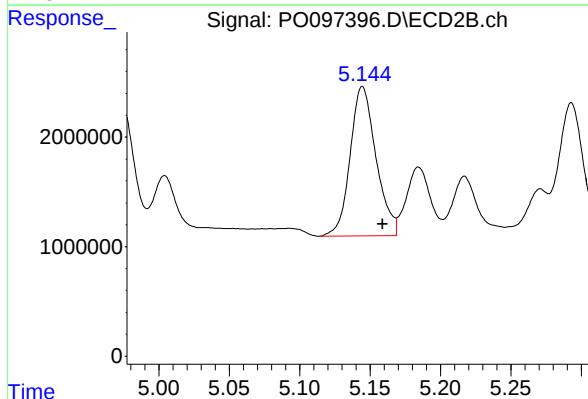
R.T.: 4.973 min
Delta R.T.: -0.014 min
Response: 15657147
Conc: 1047.68 ng/ml



#15 AR-1232-5

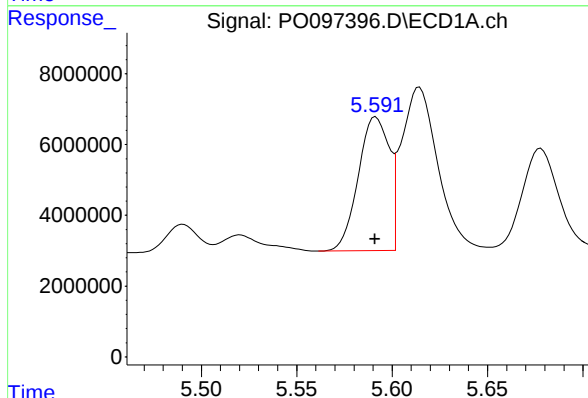
R.T.: 5.871 min
Delta R.T.: 0.002 min
Response: 27489952
Conc: 982.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



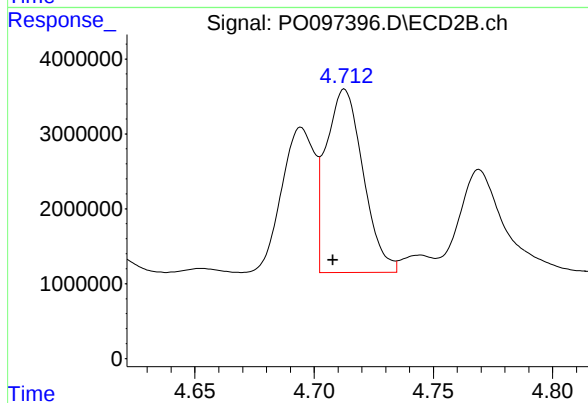
#15 AR-1232-5

R.T.: 5.145 min
Delta R.T.: -0.014 min
Response: 17452759
Conc: 1067.66 ng/ml



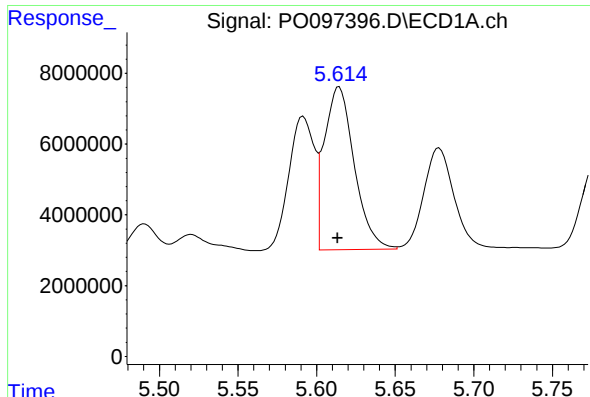
#16 AR-1242-1

R.T.: 5.592 min
Delta R.T.: 0.000 min
Response: 42785656
Conc: 510.47 ng/ml



#16 AR-1242-1

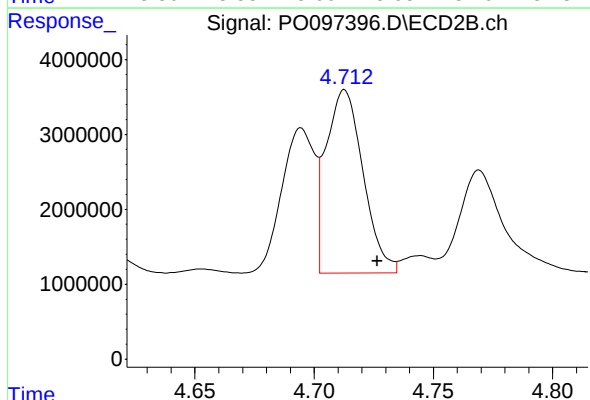
R.T.: 4.713 min
Delta R.T.: 0.005 min
Response: 26441292
Conc: 670.67 ng/ml



#17 AR-1242-2

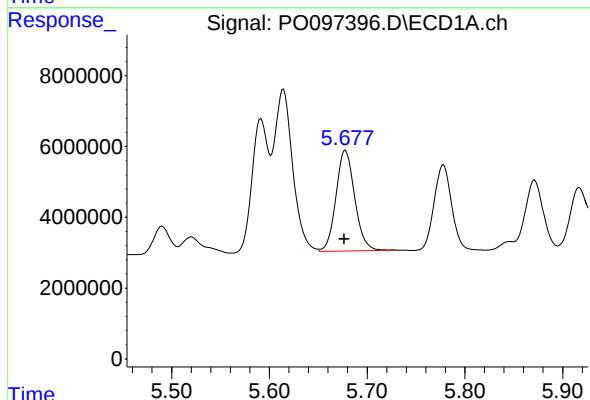
R.T.: 5.614 min
Delta R.T.: 0.000 min
Response: 60848066
Conc: 516.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



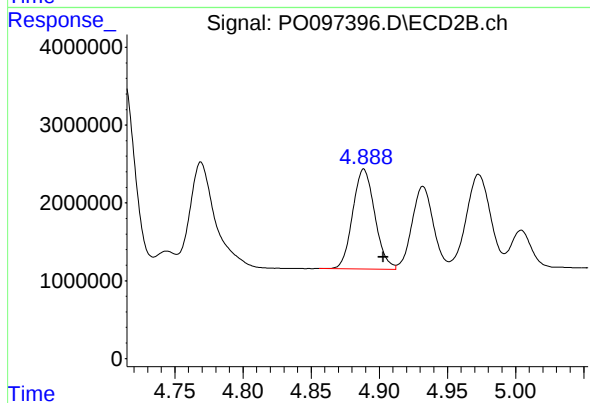
#17 AR-1242-2

R.T.: 4.713 min
Delta R.T.: -0.014 min
Response: 26441292
Conc: 485.24 ng/ml



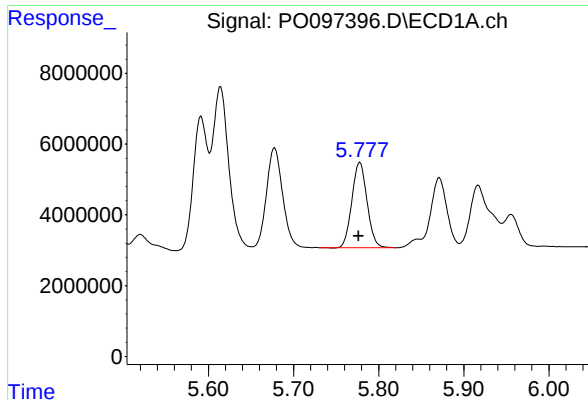
#18 AR-1242-3

R.T.: 5.678 min
Delta R.T.: 0.001 min
Response: 37895158
Conc: 512.98 ng/ml



#18 AR-1242-3

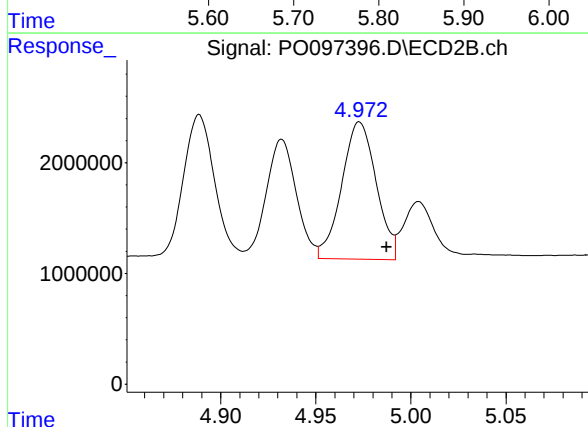
R.T.: 4.889 min
Delta R.T.: -0.014 min
Response: 14513577
Conc: 490.84 ng/ml



#19 AR-1242-4

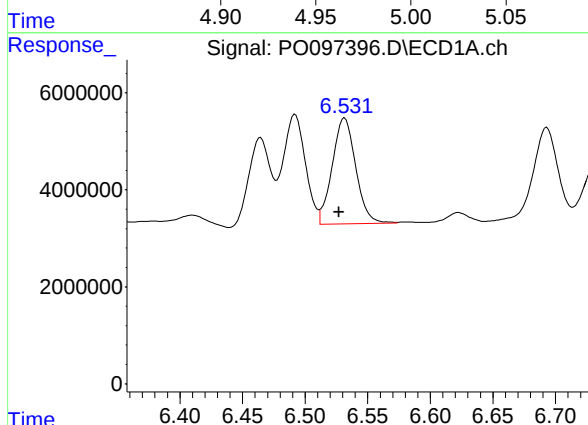
R.T.: 5.778 min
Delta R.T.: 0.001 min
Response: 29707246
Conc: 499.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



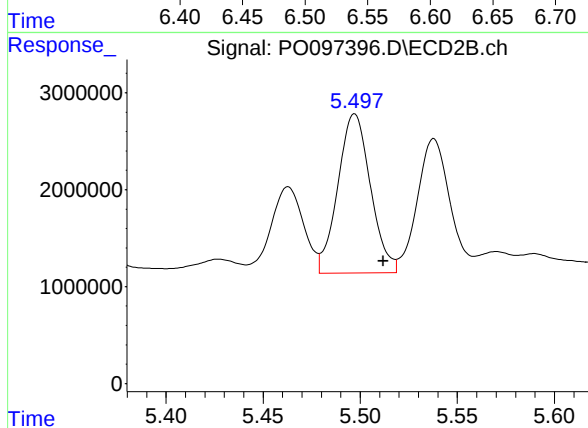
#19 AR-1242-4

R.T.: 4.973 min
Delta R.T.: -0.014 min
Response: 15657147
Conc: 496.83 ng/ml



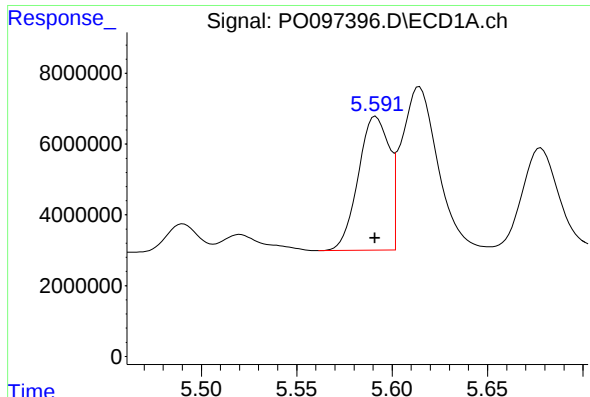
#20 AR-1242-5

R.T.: 6.532 min
Delta R.T.: 0.005 min
Response: 28611491
Conc: 520.02 ng/ml



#20 AR-1242-5

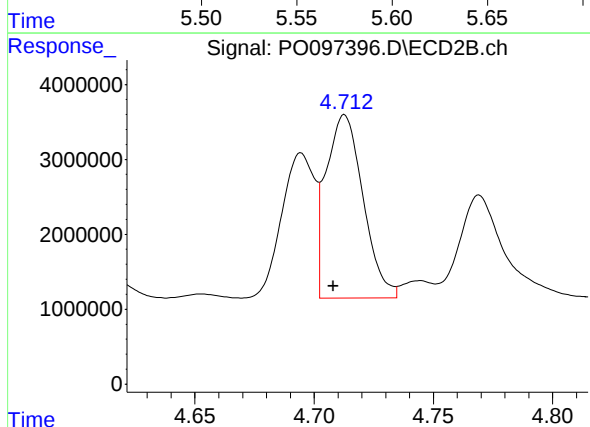
R.T.: 5.497 min
Delta R.T.: -0.015 min
Response: 19225131
Conc: 527.64 ng/ml



#21 AR-1248-1

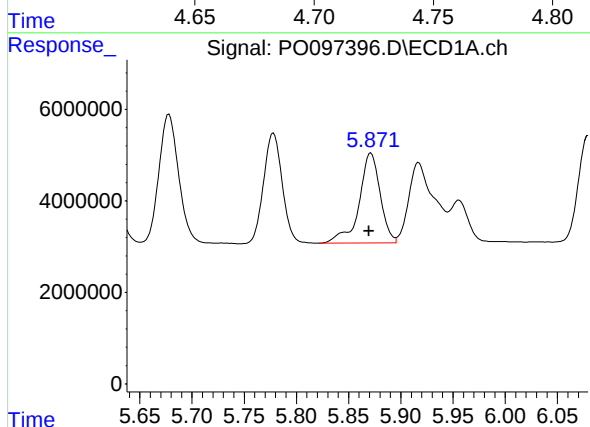
R.T.: 5.592 min
Delta R.T.: 0.000 min
Response: 42785656
Conc: 730.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



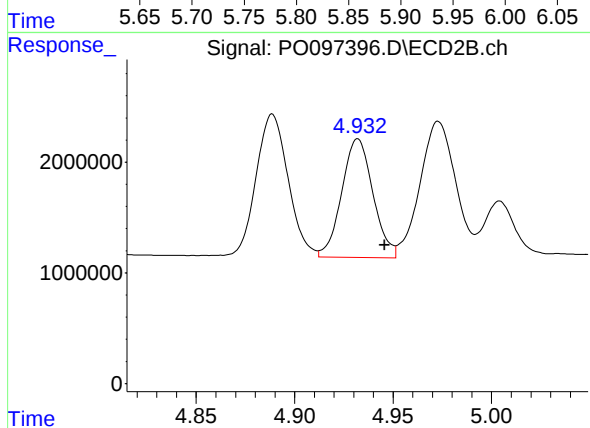
#21 AR-1248-1

R.T.: 4.713 min
Delta R.T.: 0.005 min
Response: 26441292
Conc: 942.23 ng/ml



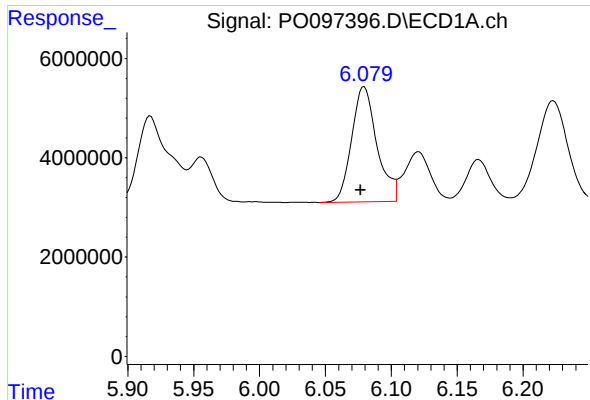
#22 AR-1248-2

R.T.: 5.871 min
Delta R.T.: 0.002 min
Response: 27489952
Conc: 292.39 ng/ml



#22 AR-1248-2

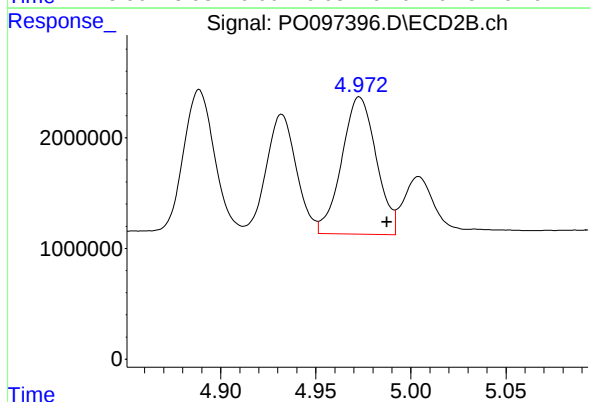
R.T.: 4.932 min
Delta R.T.: -0.014 min
Response: 11833662
Conc: 279.22 ng/ml



#23 AR-1248-3

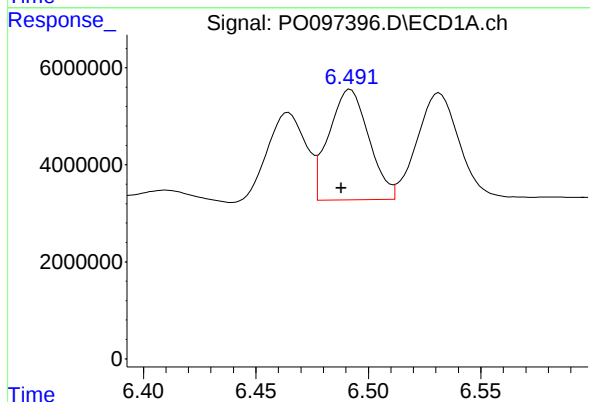
R.T.: 6.079 min
Delta R.T.: 0.003 min
Response: 30918438
Conc: 316.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



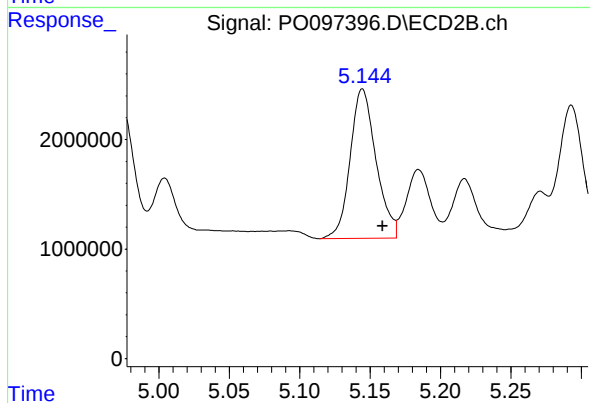
#23 AR-1248-3

R.T.: 4.973 min
Delta R.T.: -0.014 min
Response: 15657147
Conc: 356.94 ng/ml



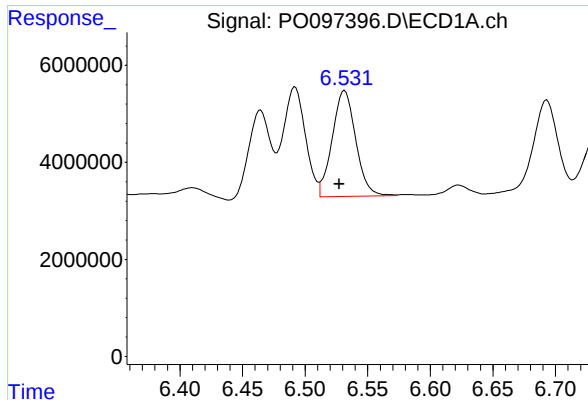
#24 AR-1248-4

R.T.: 6.492 min
Delta R.T.: 0.004 min
Response: 28236825
Conc: 310.83 ng/ml



#24 AR-1248-4

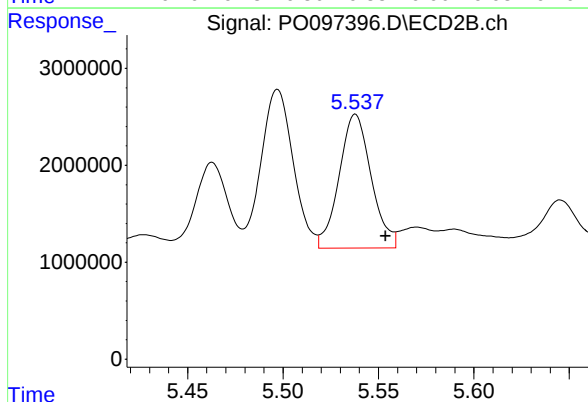
R.T.: 5.145 min
Delta R.T.: -0.014 min
Response: 17452759
Conc: 341.88 ng/ml



#25 AR-1248-5

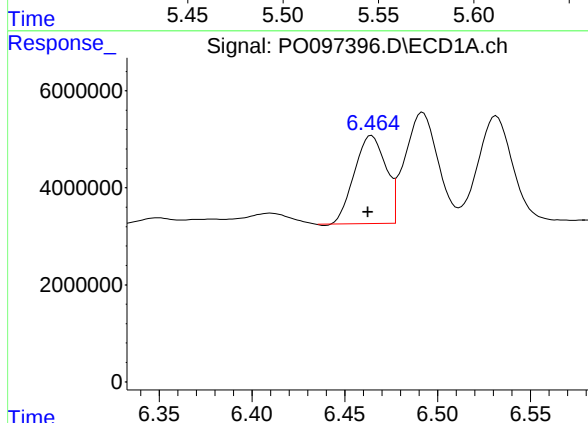
R.T.: 6.532 min
Delta R.T.: 0.004 min
Response: 28611491
Conc: 324.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



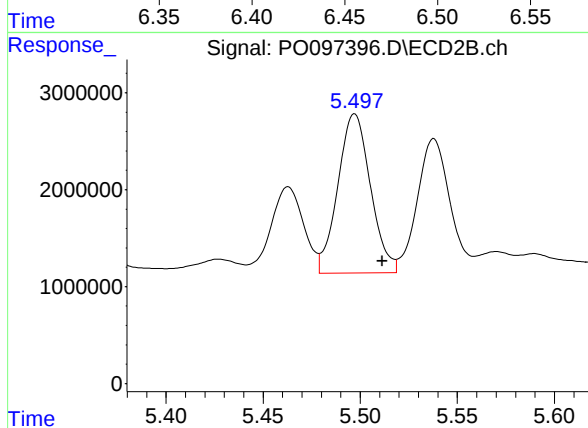
#25 AR-1248-5

R.T.: 5.538 min
Delta R.T.: -0.016 min
Response: 16188805
Conc: 346.27 ng/ml



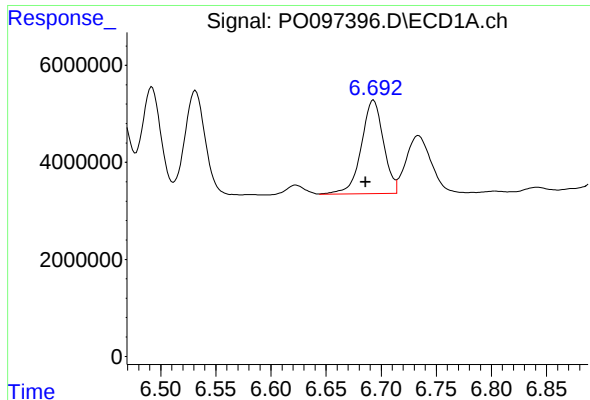
#26 AR-1254-1

R.T.: 6.464 min
Delta R.T.: 0.002 min
Response: 21419639
Conc: 195.99 ng/ml



#26 AR-1254-1

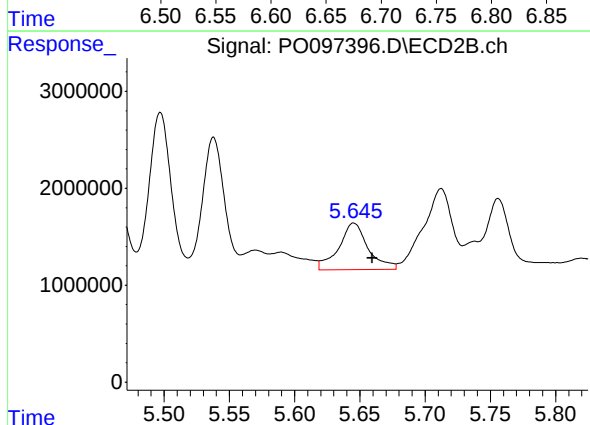
R.T.: 5.497 min
Delta R.T.: -0.014 min
Response: 19225131
Conc: 260.52 ng/ml



#27 AR-1254-2

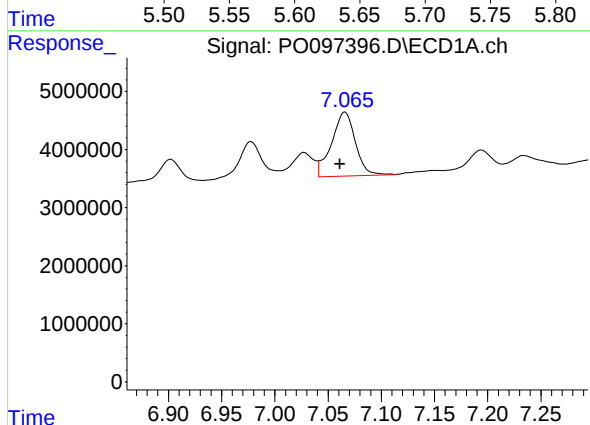
R.T.: 6.693 min
Delta R.T.: 0.007 min
Response: 27001399
Conc: 167.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



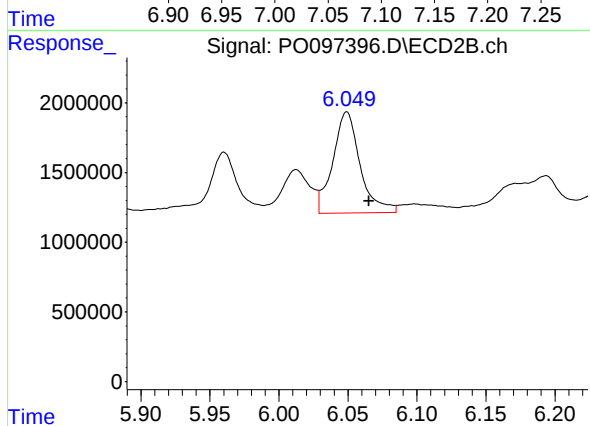
#27 AR-1254-2

R.T.: 5.645 min
Delta R.T.: -0.014 min
Response: 7590034
Conc: 115.21 ng/ml



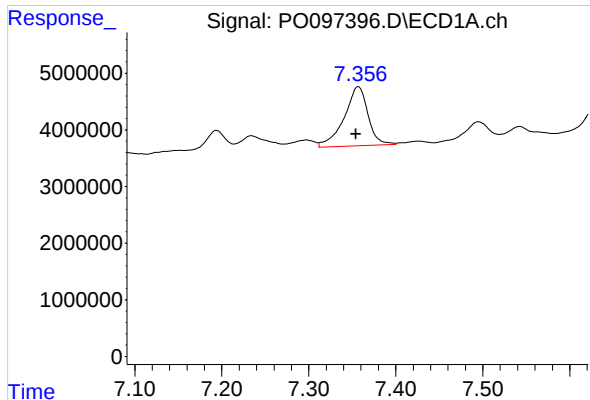
#28 AR-1254-3

R.T.: 7.066 min
Delta R.T.: 0.005 min
Response: 17073839
Conc: 108.96 ng/ml



#28 AR-1254-3

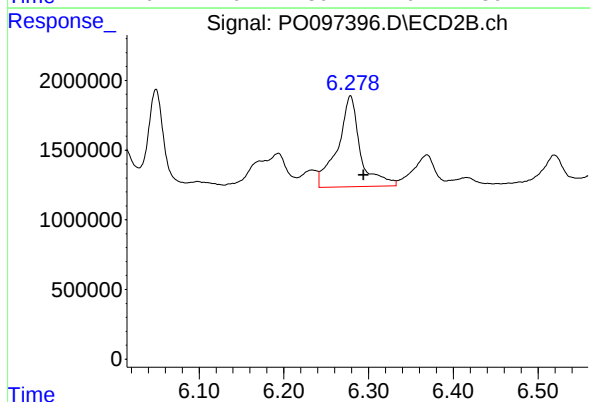
R.T.: 6.049 min
Delta R.T.: -0.016 min
Response: 10027208
Conc: 99.22 ng/ml



#29 AR-1254-4

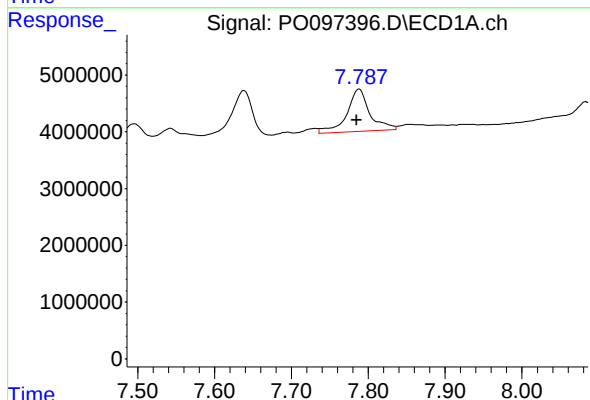
R.T.: 7.357 min
Delta R.T.: 0.003 min
Response: 19897984
Conc: 197.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



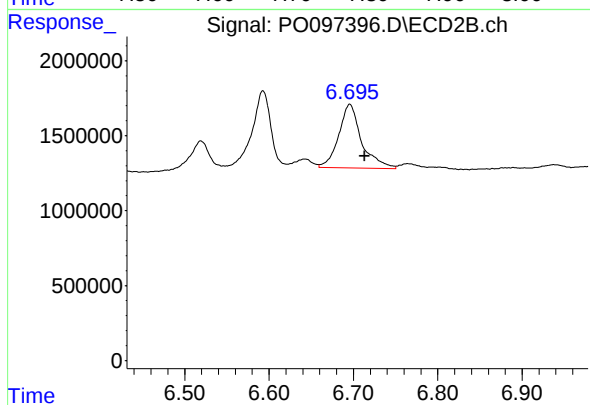
#29 AR-1254-4

R.T.: 6.279 min
Delta R.T.: -0.016 min
Response: 12089550
Conc: 208.89 ng/ml



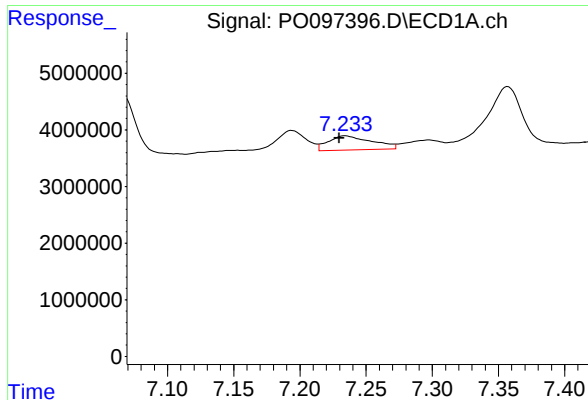
#30 AR-1254-5

R.T.: 7.788 min
Delta R.T.: 0.003 min
Response: 15562487
Conc: 138.69 ng/ml



#30 AR-1254-5

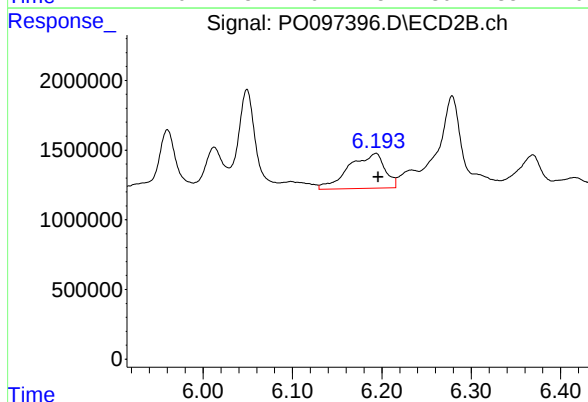
R.T.: 6.696 min
Delta R.T.: -0.017 min
Response: 8012369
Conc: 91.14 ng/ml



#31 AR-1260-1

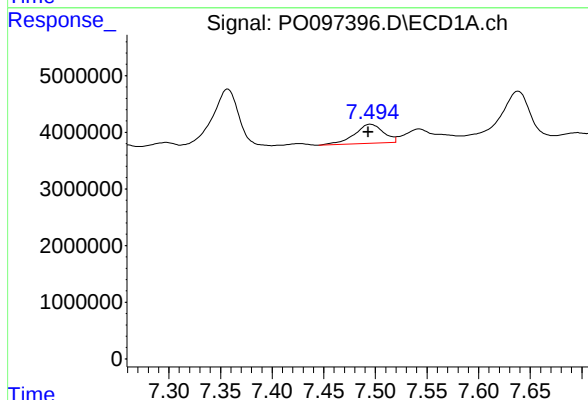
R.T.: 7.234 min
Delta R.T.: 0.004 min
Response: 5698472
Conc: 45.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



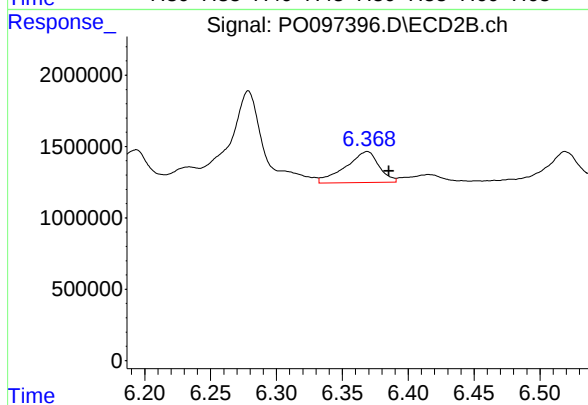
#31 AR-1260-1

R.T.: 6.193 min
Delta R.T.: -0.003 min
Response: 7011258
Conc: 99.64 ng/ml



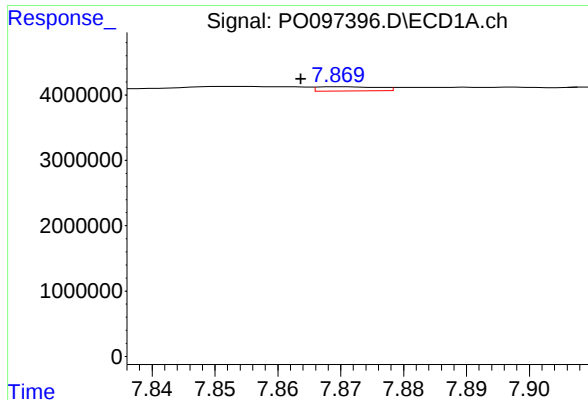
#32 AR-1260-2

R.T.: 7.495 min
Delta R.T.: 0.002 min
Response: 6546725
Conc: 48.59 ng/ml



#32 AR-1260-2

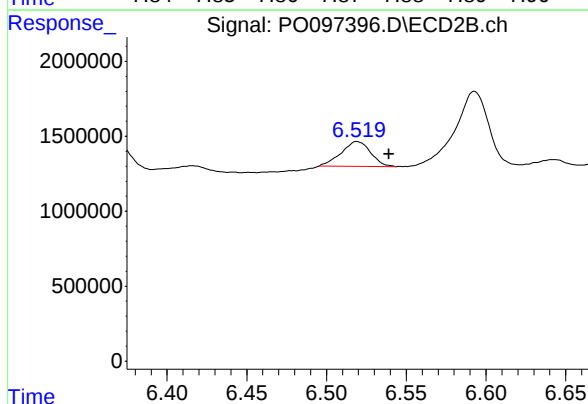
R.T.: 6.369 min
Delta R.T.: -0.016 min
Response: 3849778
Conc: 46.13 ng/ml



#33 AR-1260-3

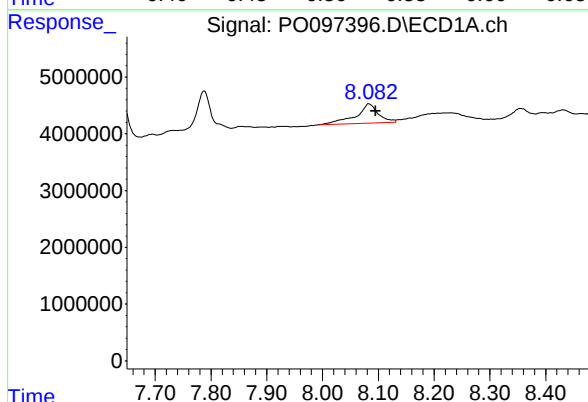
R.T.: 7.870 min
Delta R.T.: 0.006 min
Response: 433752
Conc: 4.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



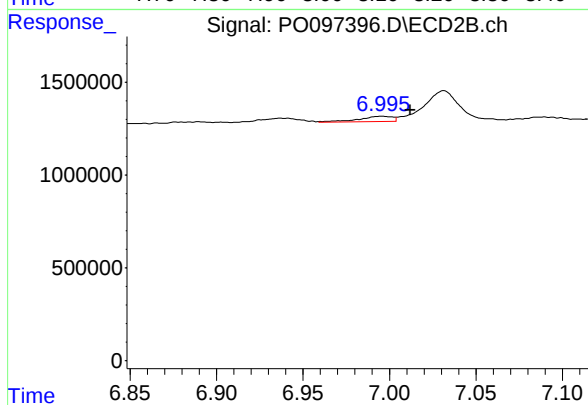
#33 AR-1260-3

R.T.: 6.519 min
Delta R.T.: -0.020 min
Response: 2120387
Conc: 27.46 ng/ml



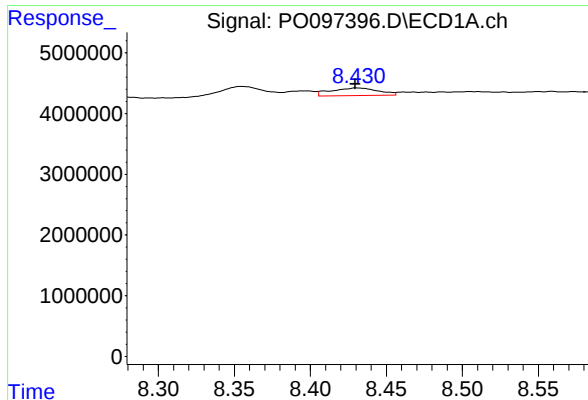
#34 AR-1260-4

R.T.: 8.083 min
Delta R.T.: -0.013 min
Response: 9437988
Conc: 84.42 ng/ml



#34 AR-1260-4

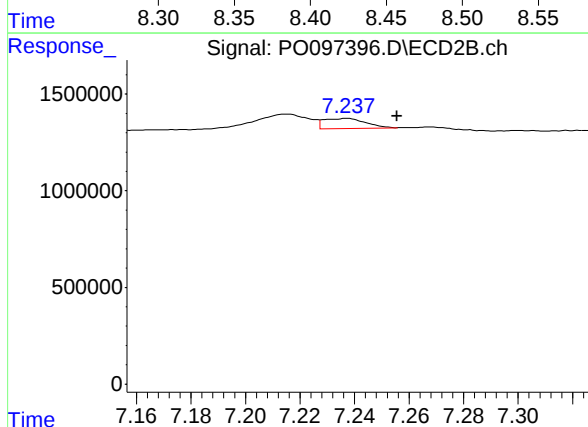
R.T.: 6.995 min
Delta R.T.: -0.017 min
Response: 391699
Conc: 6.11 ng/ml



#35 AR-1260-5

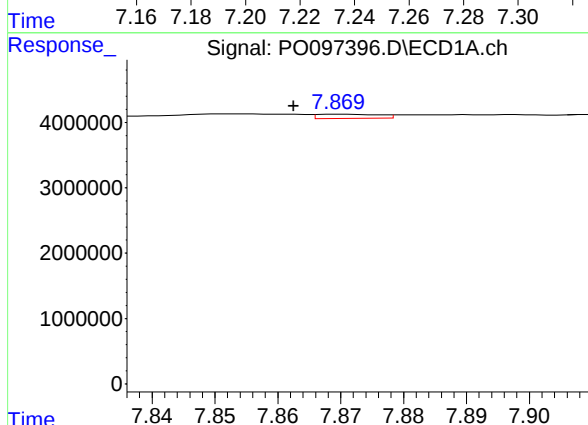
R.T.: 8.431 min
Delta R.T.: 0.001 min
Response: 2783894
Conc: 13.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



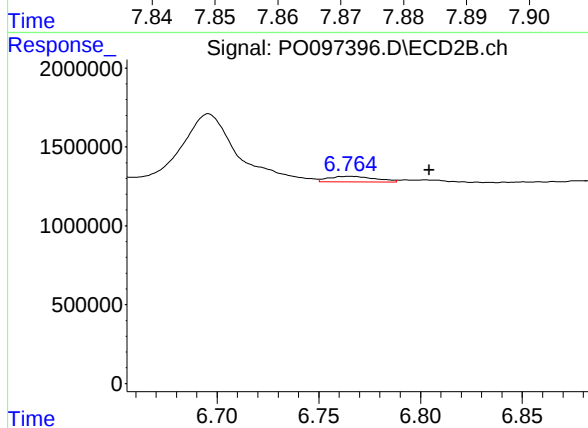
#35 AR-1260-5

R.T.: 7.237 min
Delta R.T.: -0.018 min
Response: 545808
Conc: 3.94 ng/ml



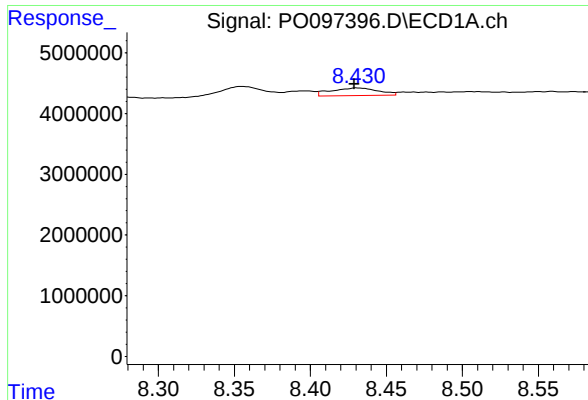
#36 AR-1262-1

R.T.: 7.870 min
Delta R.T.: 0.007 min
Response: 433752
Conc: 2.92 ng/ml



#36 AR-1262-1

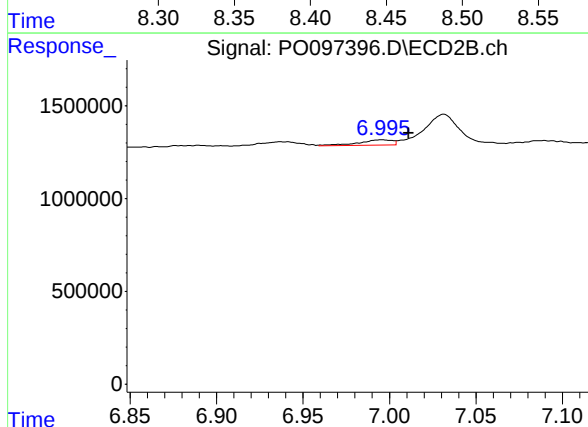
R.T.: 6.765 min
Delta R.T.: -0.039 min
Response: 556498
Conc: 14.14 ng/ml



#37 AR-1262-2

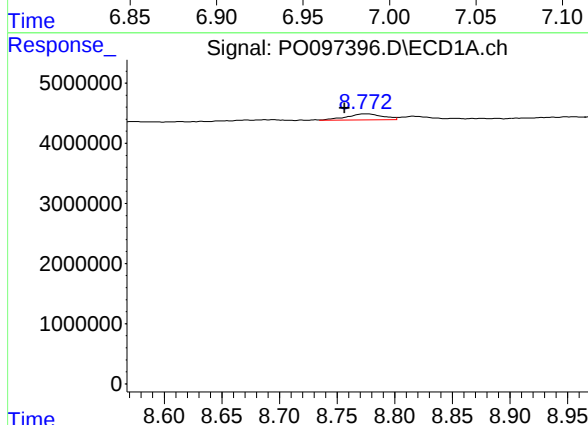
R.T.: 8.431 min
Delta R.T.: 0.002 min
Response: 2783894
Conc: 12.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



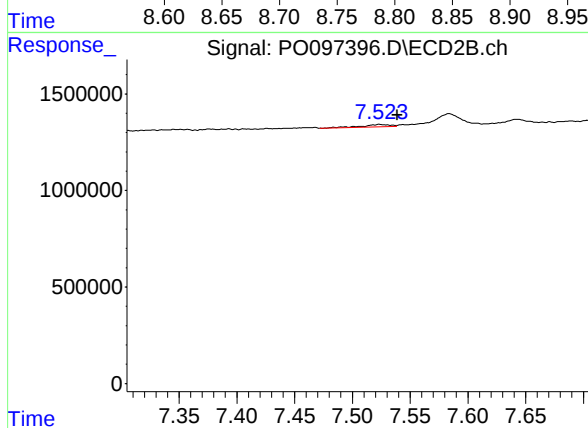
#37 AR-1262-2

R.T.: 6.995 min
Delta R.T.: -0.016 min
Response: 391699
Conc: 4.83 ng/ml



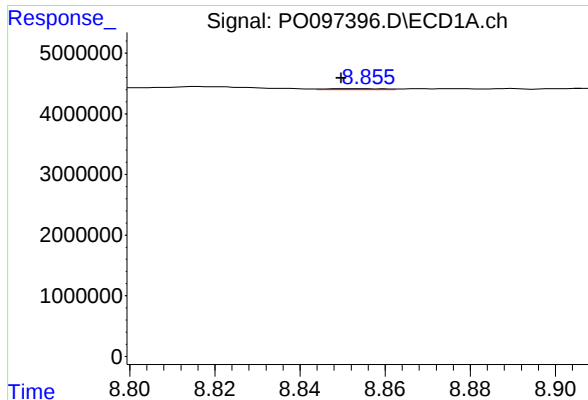
#38 AR-1262-3

R.T.: 8.773 min
Delta R.T.: 0.016 min
Response: 2184255
Conc: 13.10 ng/ml



#38 AR-1262-3

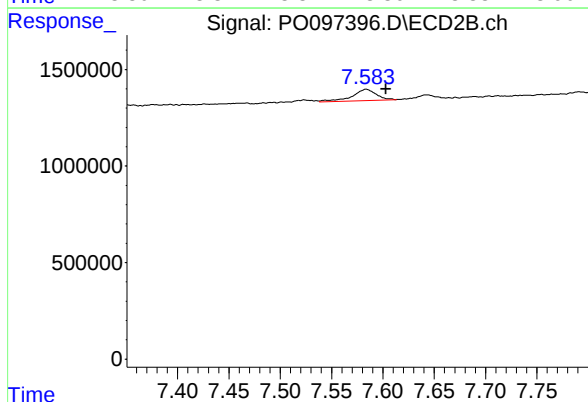
R.T.: 7.523 min
Delta R.T.: -0.015 min
Response: 207746
Conc: 3.24 ng/ml



#39 AR-1262-4

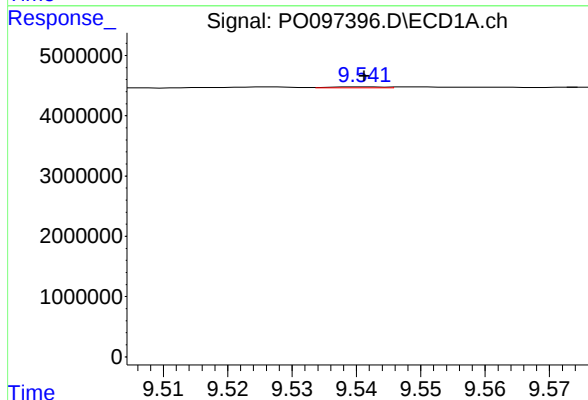
R.T.: 8.855 min
Delta R.T.: 0.005 min
Response: 139309
Conc: 1.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



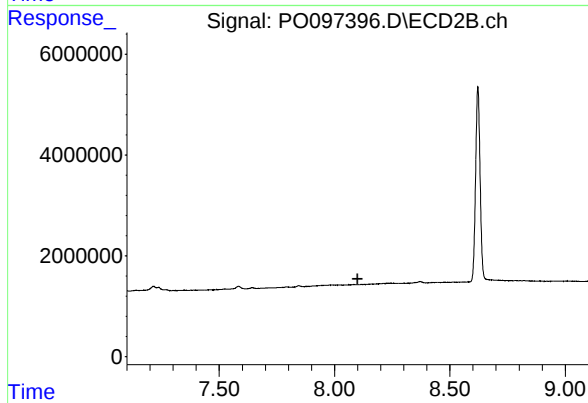
#39 AR-1262-4

R.T.: 7.584 min
Delta R.T.: -0.019 min
Response: 977073
Conc: 8.60 ng/ml



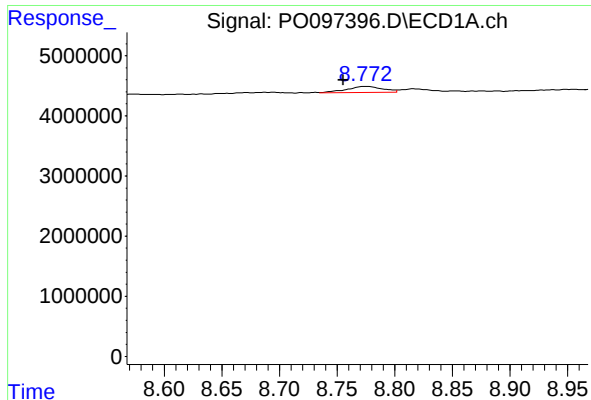
#40 AR-1262-5

R.T.: 9.541 min
Delta R.T.: 0.000 min
Response: 89644
Conc: 1.08 ng/ml



#40 AR-1262-5

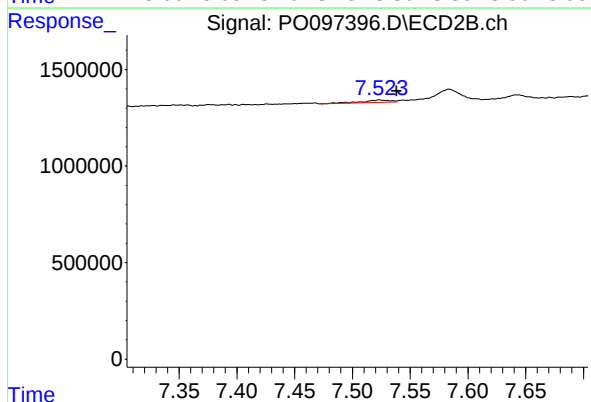
R.T.: 0.000 min
Exp R.T. : 8.099 min
Response: 0
Conc: N.D.



#41 AR-1268-1

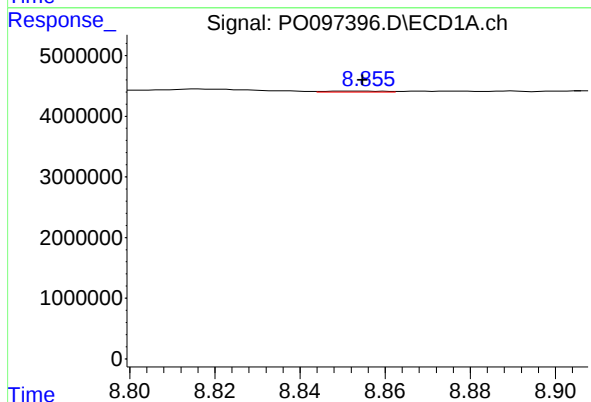
R.T.: 8.773 min
Delta R.T.: 0.018 min
Response: 2184255
Conc: 7.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



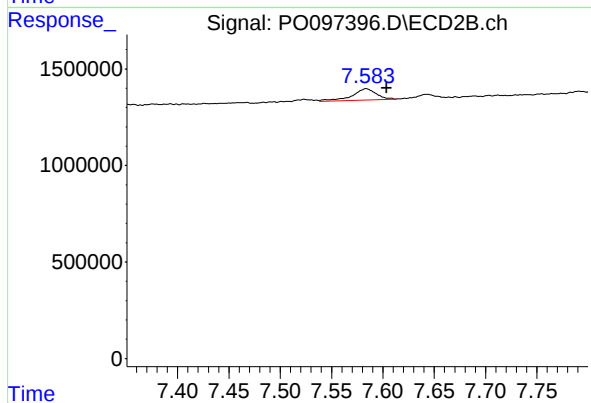
#41 AR-1268-1

R.T.: 7.523 min
Delta R.T.: -0.015 min
Response: 207746
Conc: 1.12 ng/ml



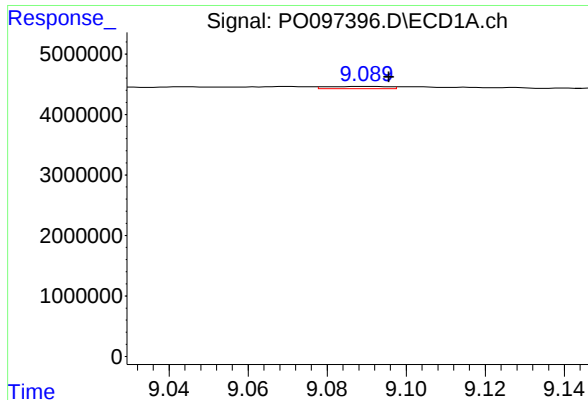
#42 AR-1268-2

R.T.: 8.855 min
Delta R.T.: 0.000 min
Response: 139309
Conc: 0.51 ng/ml



#42 AR-1268-2

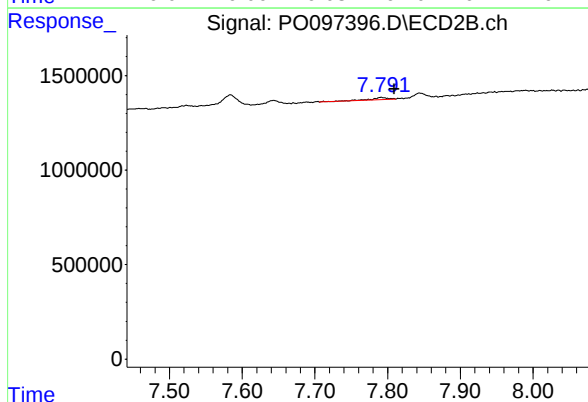
R.T.: 7.584 min
Delta R.T.: -0.020 min
Response: 977073
Conc: 5.83 ng/ml



#43 AR-1268-3

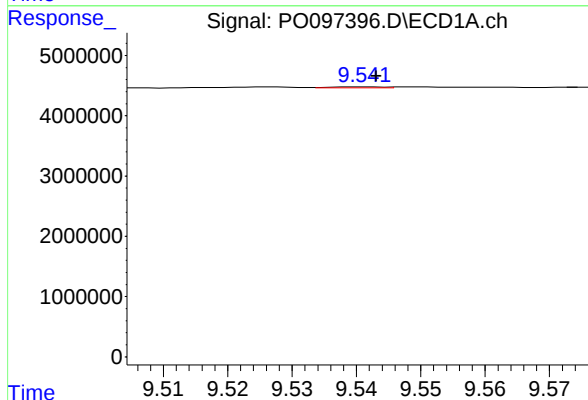
R.T.: 9.090 min
Delta R.T.: -0.006 min
Response: 408393
Conc: 1.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



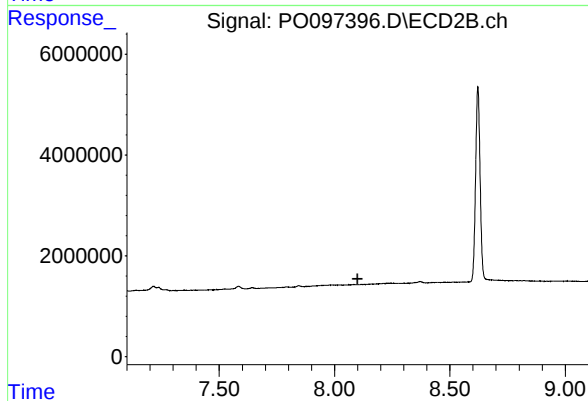
#43 AR-1268-3

R.T.: 7.791 min
Delta R.T.: -0.018 min
Response: 160320
Conc: 1.11 ng/ml



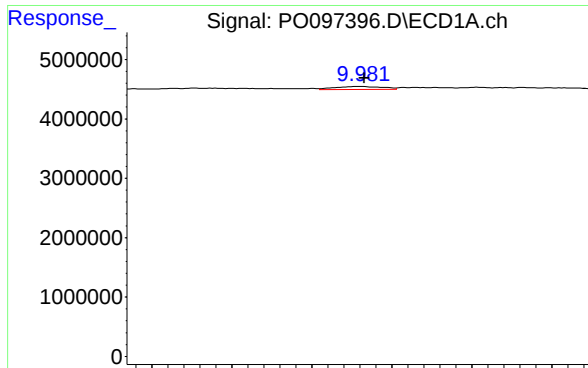
#44 AR-1268-4

R.T.: 9.541 min
Delta R.T.: -0.002 min
Response: 89644
Conc: 0.97 ng/ml



#44 AR-1268-4

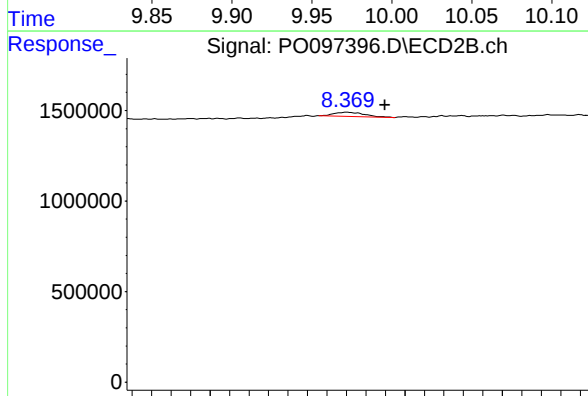
R.T.: 0.000 min
Exp R.T. : 8.100 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.980 min
Delta R.T.: -0.002 min
Response: 1092467
Conc: 1.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.371 min
Delta R.T.: -0.019 min
Response: 252941
Conc: 0.61 ng/ml