

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082923\
 Data File : P0097480.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Aug 2023 12:14
 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 29 15:53:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0082823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 29 10:29:21 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...	4.448	3.629	178.6E6	37386294	53.499	55.417
2)	SA Decachlor...	10.300	8.676	104.1E6	33142222	56.724	57.735
Target Compounds							
3)	L1 AR-1016-1	5.625	4.722	41773957	10277743	464.112	472.134
4)	L1 AR-1016-2	5.648	4.740	63446595	14493646	457.250	480.326
5)	L1 AR-1016-3	5.710	4.918	42263087	7686928	466.131	475.871
6)	L1 AR-1016-4	5.809	4.960	32520547	6567473	469.037	457.688
7)	L1 AR-1016-5	6.106	5.175	33550819	8917577	472.352	487.613
8)	L2 AR-1221-1	4.654	3.844	5712308	1202295	141.934	146.868
9)	L2 AR-1221-2	4.745	3.931	8212825	1608600	273.220	277.549
10)	L2 AR-1221-3	4.821	4.007	27491652	5607479	308.614	304.952
11)	L3 AR-1232-1	4.821	4.007	27491652	5607479	372.742	372.190
12)	L3 AR-1232-2	5.354	4.740	36667828	14493646	956.850	1038.210
13)	L3 AR-1232-3	5.648	4.918	63446595	7686928	980.989	1094.455
14)	L3 AR-1232-4	5.809	5.003	32520547	8338384	1020.927	1179.309
15)	L3 AR-1232-5	5.901	5.175	31029266	8917577	1054.547	1132.944
16)	L4 AR-1242-1	5.625	4.722	41773957	10277743	515.787	532.796
17)	L4 AR-1242-2	5.648	4.740	63446595	14493646	508.031	532.470
18)	L4 AR-1242-3	5.710	4.918	42263087	7686928	514.028	535.649
19)	L4 AR-1242-4	5.809	5.003	32520547	8338384	518.052	526.465
20)	L4 AR-1242-5	6.553	5.528	31522371	9411113	501.185	533.261
21)	L5 AR-1248-1	5.625	4.722	41773957	10277743	708.293	747.922
22)	L5 AR-1248-2	5.901	4.960	31029266	6567473	313.730	296.179
23)	L5 AR-1248-3	6.106	5.003	33550819	8338384	323.829	362.655
24)	L5 AR-1248-4	6.514	5.175	27337325	8917577	298.837	328.615
25)	L5 AR-1248-5	6.553	5.570	31522371	7569840	310.510	334.834
26)	L6 AR-1254-1	6.486	5.528	20361030	9411113	185.199	243.840 #
27)	L6 AR-1254-2	6.711	5.677	25008990	2452337	153.467	71.999 #
28)	L6 AR-1254-3	7.077	6.084	10880929	3054185	66.813	57.562
29)	L6 AR-1254-4	7.366	6.313	6691347	1944658	68.651	71.315
30)	L6 AR-1254-5	7.790	6.734	1841656	804329	16.309	18.243
31)	L7 AR-1260-1	7.244	6.201	1304525	560631	10.220	15.010 #
32)	L7 AR-1260-2	7.504	6.403	2202115	439489	16.160	10.386 #
33)	L7 AR-1260-3	7.854	6.556	309237	743905	2.926	17.772 #
34)	L7 AR-1260-4	8.080	7.036	927188	151379	8.196	4.680 #
35)	L7 AR-1260-5	8.429	7.272	339801	77232	1.808	1.170 #
36)	L8 AR-1262-1	7.854	6.818	309237	23492	2.055	1.171 #
37)	L8 AR-1262-2	8.429	7.036	339801	151379	1.552	3.465 #
38)	L8 AR-1262-3	8.724	7.558	13198	84573	0.085	2.714 #
39)	L8 AR-1262-4	8.839	7.622	66329	46840	0.532	0.833 #
40)	L8 AR-1262-5	9.502	8.138	32919	52567	0.479	2.234 #
41)	L9 AR-1268-1	8.724	7.558	13198	84573	0.046	0.884 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082923\
Data File : P0097480.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Aug 2023 12:14
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 29 15:53:09 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0082823.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 29 10:29:21 2023
Response via : Initial Calibration
Integrator: ChemStation

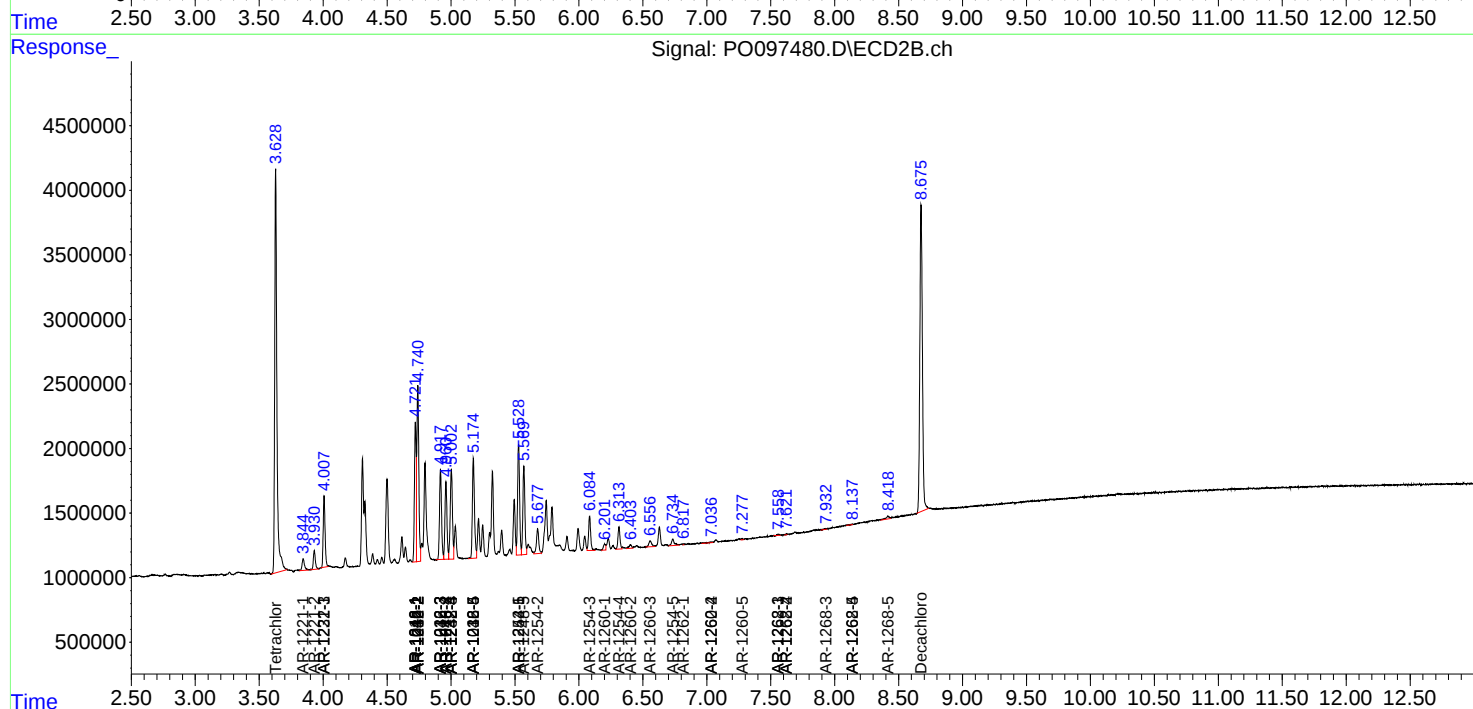
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

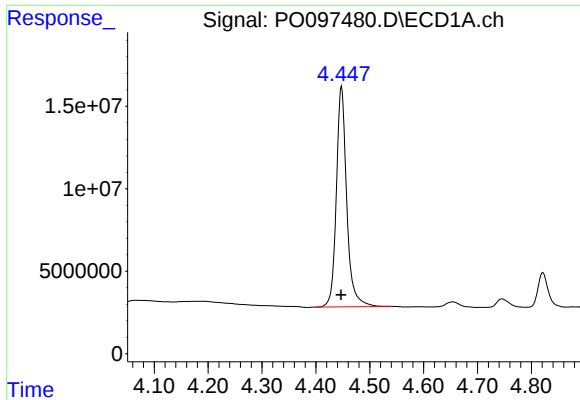
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	8.839	7.622	66329	46840	0.261	0.565 #
43)	L9 AR-1268-3	9.076	7.933	268515	80947	1.191	4.085 #
44)	L9 AR-1268-4	9.502	8.138	32919	52567	0.428	2.034 #
45)	L9 AR-1268-5	9.945	8.418	637247	420687	0.923	1.845 #

(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

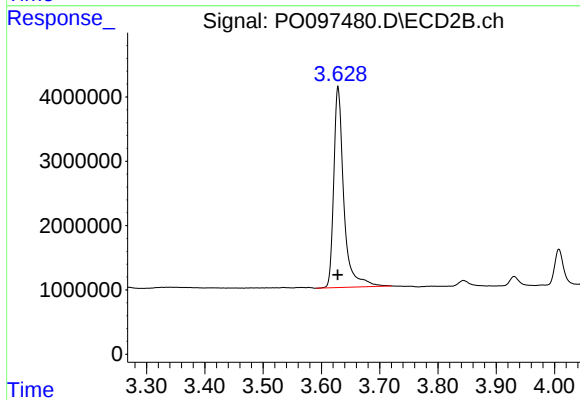




#1 Tetrachloro-m-xylene

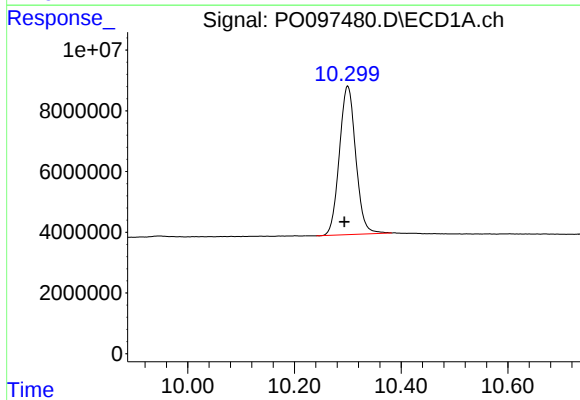
R.T.: 4.448 min
Delta R.T.: 0.000 min
Response: 178557589
Conc: 53.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



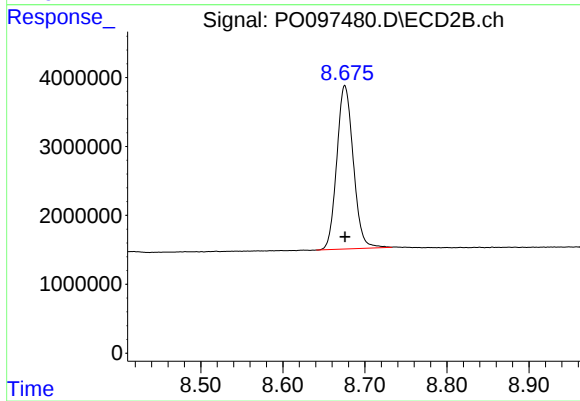
#1 Tetrachloro-m-xylene

R.T.: 3.629 min
Delta R.T.: 0.000 min
Response: 37386294
Conc: 55.42 ng/ml



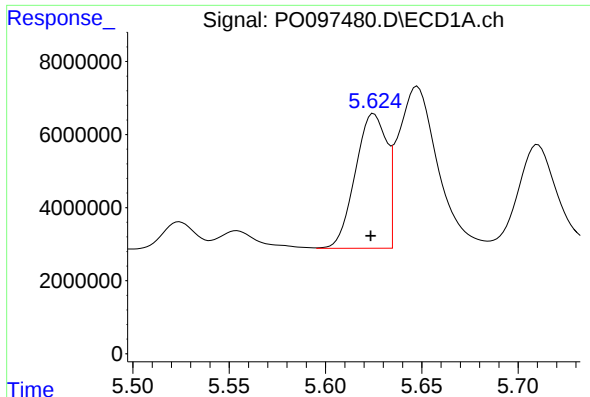
#2 Decachlorobiphenyl

R.T.: 10.300 min
Delta R.T.: 0.006 min
Response: 104109838
Conc: 56.72 ng/ml



#2 Decachlorobiphenyl

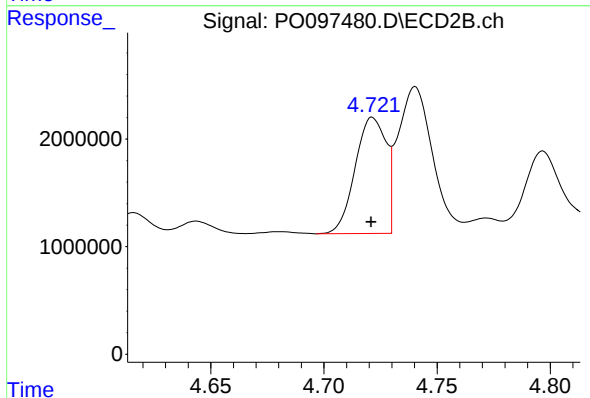
R.T.: 8.676 min
Delta R.T.: 0.000 min
Response: 33142222
Conc: 57.74 ng/ml



#3 AR-1016-1

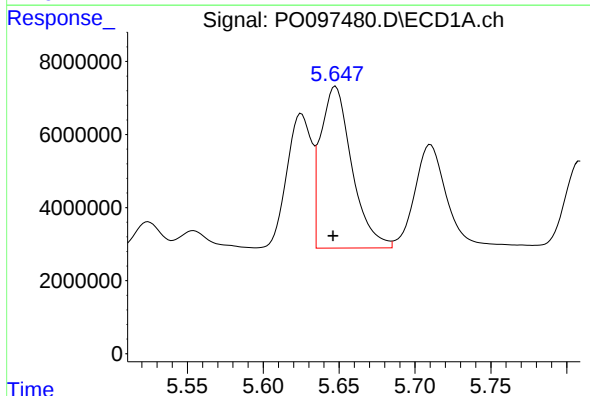
R.T.: 5.625 min
Delta R.T.: 0.002 min
Response: 41773957
Conc: 464.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



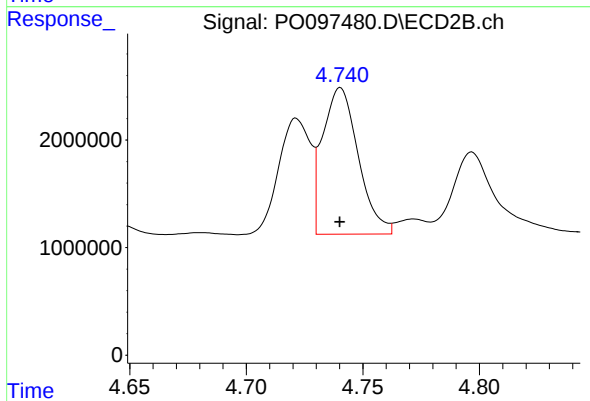
#3 AR-1016-1

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 10277743
Conc: 472.13 ng/ml



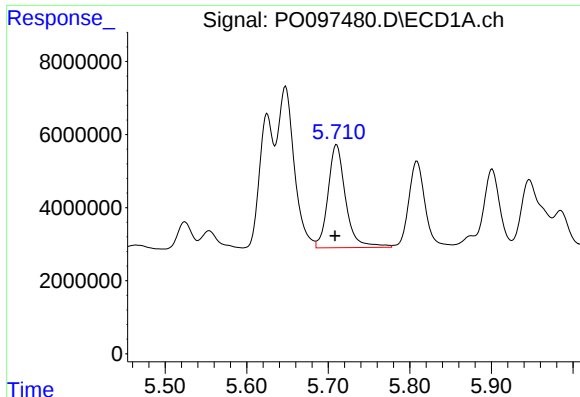
#4 AR-1016-2

R.T.: 5.648 min
Delta R.T.: 0.002 min
Response: 63446595
Conc: 457.25 ng/ml



#4 AR-1016-2

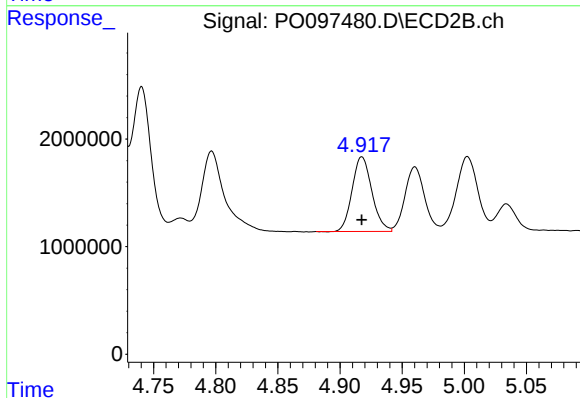
R.T.: 4.740 min
Delta R.T.: 0.000 min
Response: 14493646
Conc: 480.33 ng/ml



#5 AR-1016-3

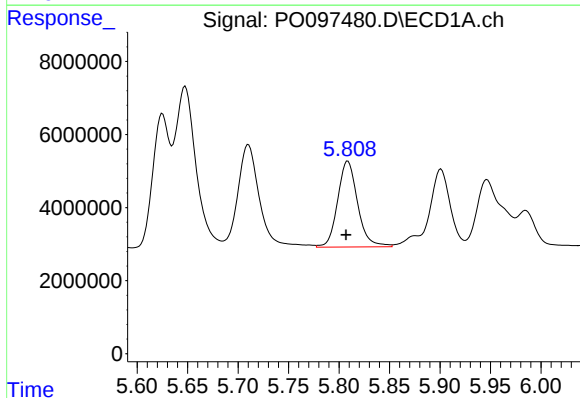
R.T.: 5.710 min
Delta R.T.: 0.002 min
Response: 42263087
Conc: 466.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



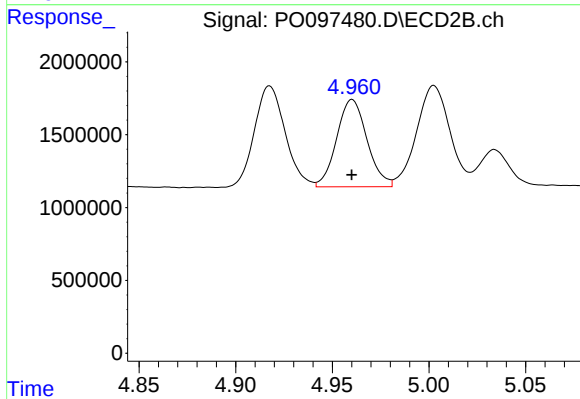
#5 AR-1016-3

R.T.: 4.918 min
Delta R.T.: 0.000 min
Response: 7686928
Conc: 475.87 ng/ml



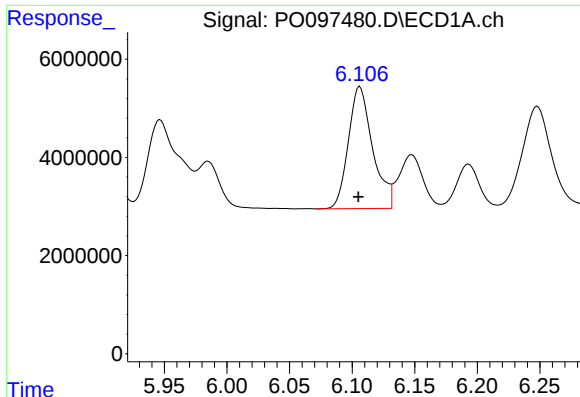
#6 AR-1016-4

R.T.: 5.809 min
Delta R.T.: 0.002 min
Response: 32520547
Conc: 469.04 ng/ml



#6 AR-1016-4

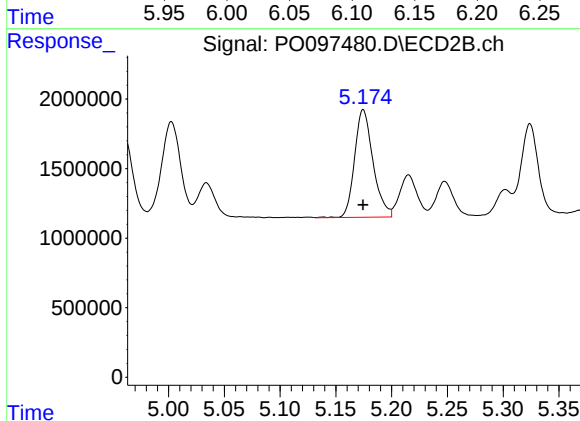
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 6567473
Conc: 457.69 ng/ml



#7 AR-1016-5

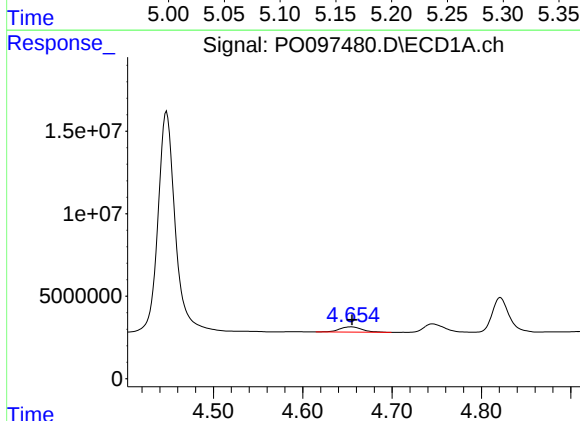
R.T.: 6.106 min
Delta R.T.: 0.001 min
Response: 33550819
Conc: 472.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



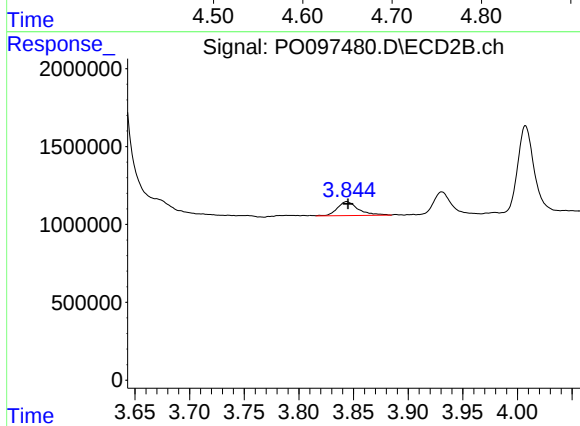
#7 AR-1016-5

R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 8917577
Conc: 487.61 ng/ml



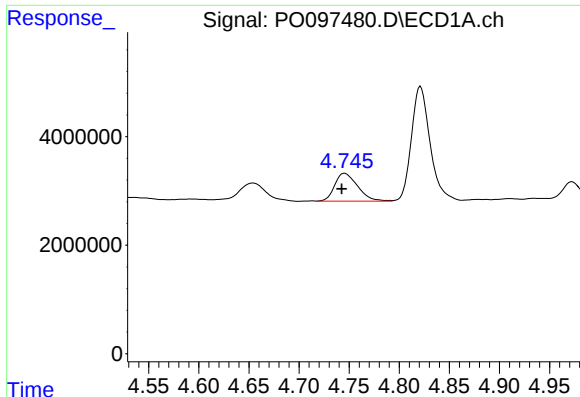
#8 AR-1221-1

R.T.: 4.654 min
Delta R.T.: -0.001 min
Response: 5712308
Conc: 141.93 ng/ml



#8 AR-1221-1

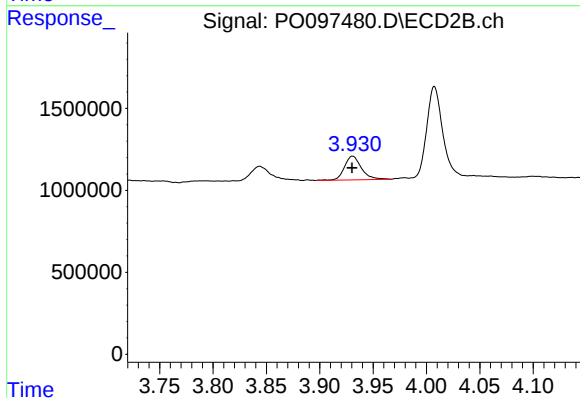
R.T.: 3.844 min
Delta R.T.: -0.001 min
Response: 1202295
Conc: 146.87 ng/ml



#9 AR-1221-2

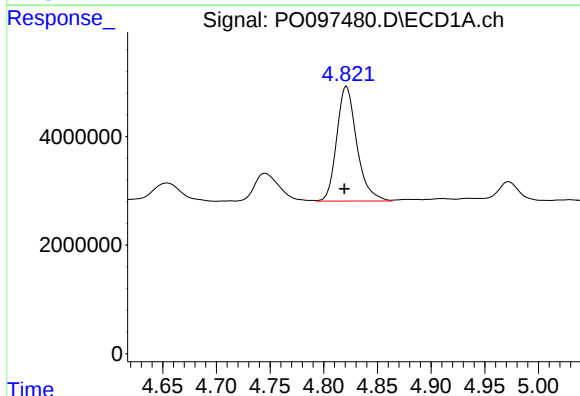
R.T.: 4.745 min
Delta R.T.: 0.003 min
Response: 8212825
Conc: 273.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



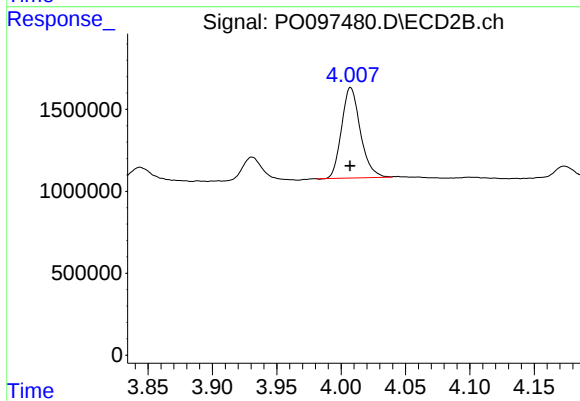
#9 AR-1221-2

R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 1608600
Conc: 277.55 ng/ml



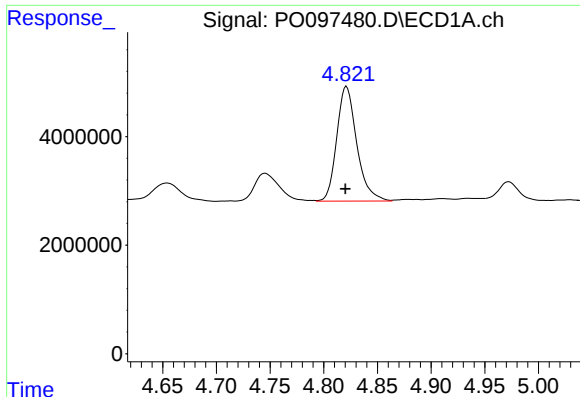
#10 AR-1221-3

R.T.: 4.821 min
Delta R.T.: 0.002 min
Response: 27491652
Conc: 308.61 ng/ml



#10 AR-1221-3

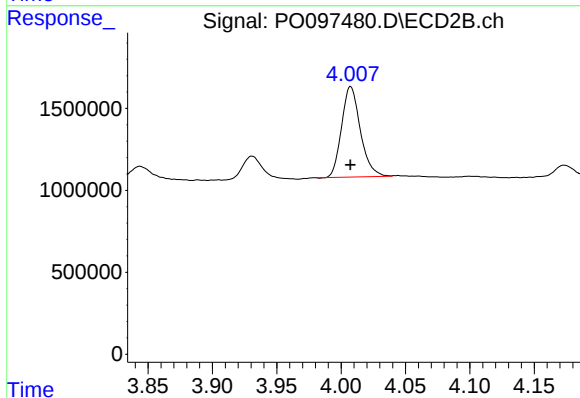
R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 5607479
Conc: 304.95 ng/ml



#11 AR-1232-1

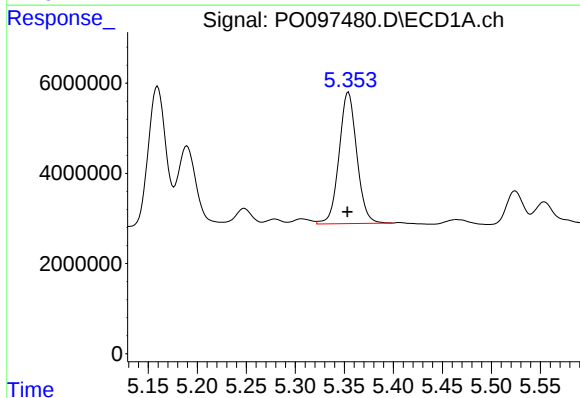
R.T.: 4.821 min
Delta R.T.: 0.001 min
Response: 27491652
Conc: 372.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



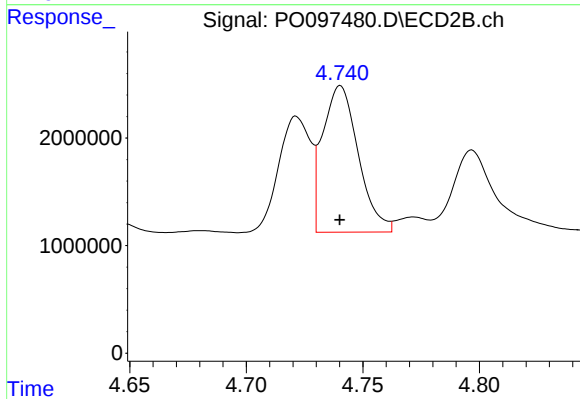
#11 AR-1232-1

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 5607479
Conc: 372.19 ng/ml



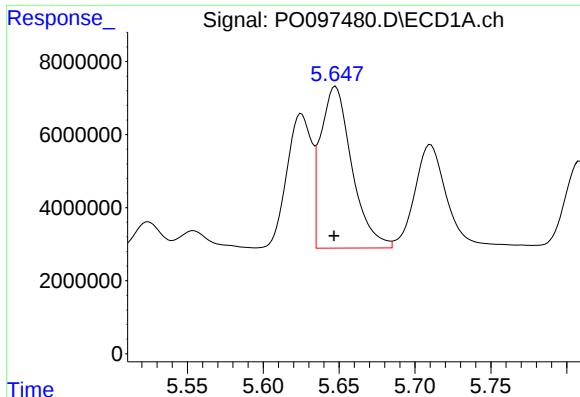
#12 AR-1232-2

R.T.: 5.354 min
Delta R.T.: 0.001 min
Response: 36667828
Conc: 956.85 ng/ml



#12 AR-1232-2

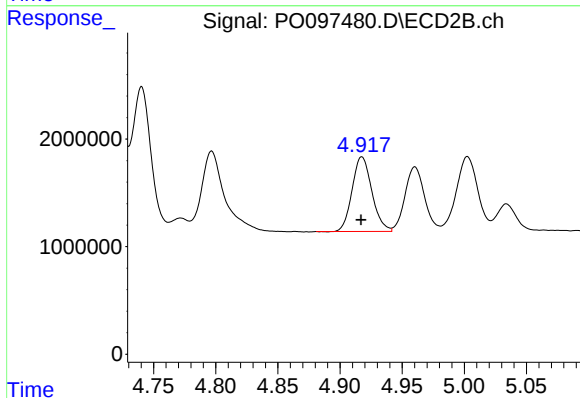
R.T.: 4.740 min
Delta R.T.: 0.000 min
Response: 14493646
Conc: 1038.21 ng/ml



#13 AR-1232-3

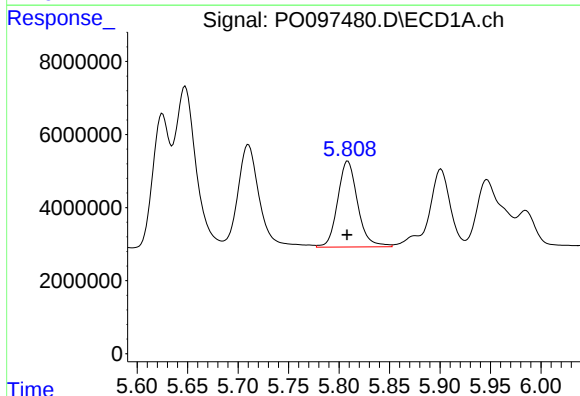
R.T.: 5.648 min
Delta R.T.: 0.001 min
Response: 63446595
Conc: 980.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



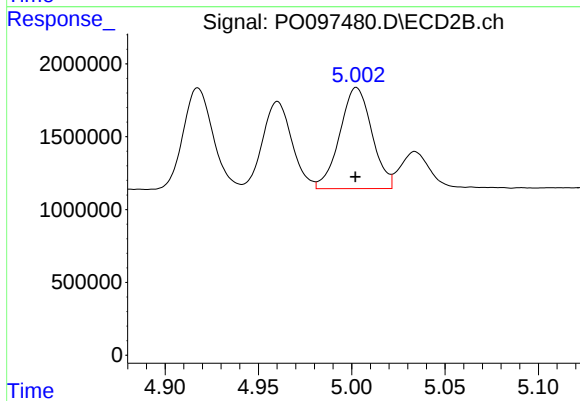
#13 AR-1232-3

R.T.: 4.918 min
Delta R.T.: 0.000 min
Response: 7686928
Conc: 1094.46 ng/ml



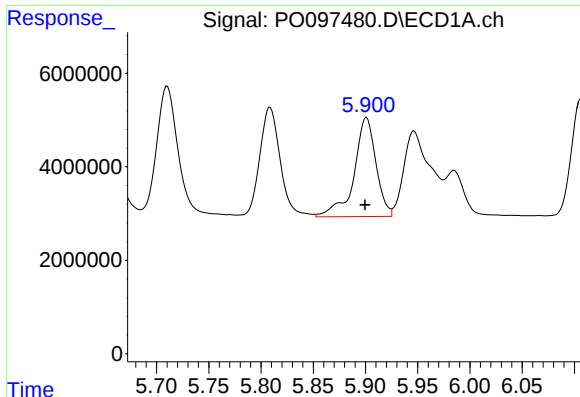
#14 AR-1232-4

R.T.: 5.809 min
Delta R.T.: 0.000 min
Response: 32520547
Conc: 1020.93 ng/ml



#14 AR-1232-4

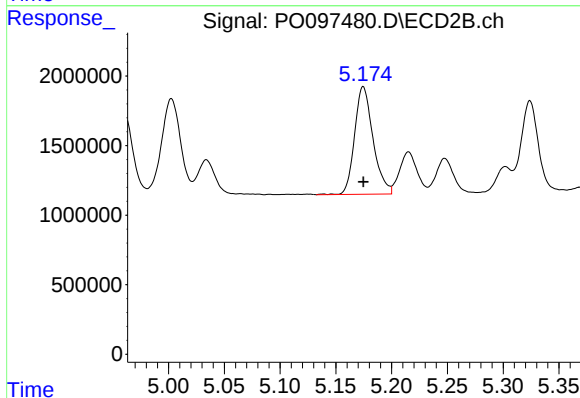
R.T.: 5.003 min
Delta R.T.: 0.000 min
Response: 8338384
Conc: 1179.31 ng/ml



#15 AR-1232-5

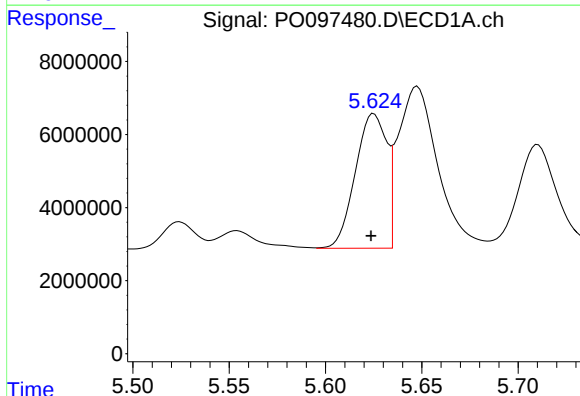
R.T.: 5.901 min
Delta R.T.: 0.002 min
Response: 31029266
Conc: 1054.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



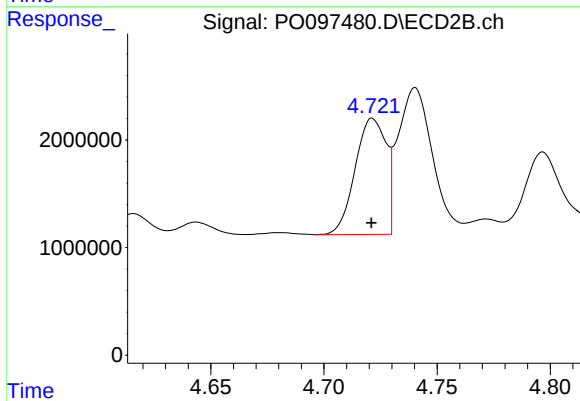
#15 AR-1232-5

R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 8917577
Conc: 1132.94 ng/ml



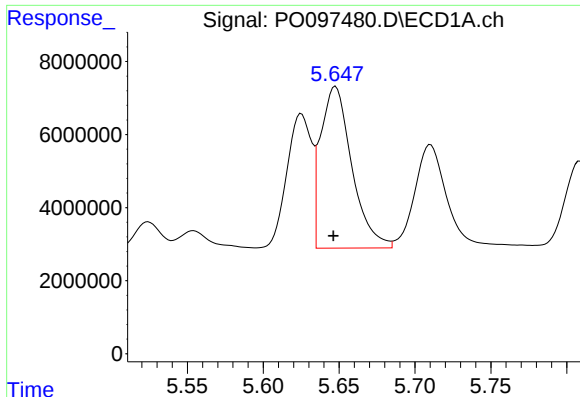
#16 AR-1242-1

R.T.: 5.625 min
Delta R.T.: 0.002 min
Response: 41773957
Conc: 515.79 ng/ml



#16 AR-1242-1

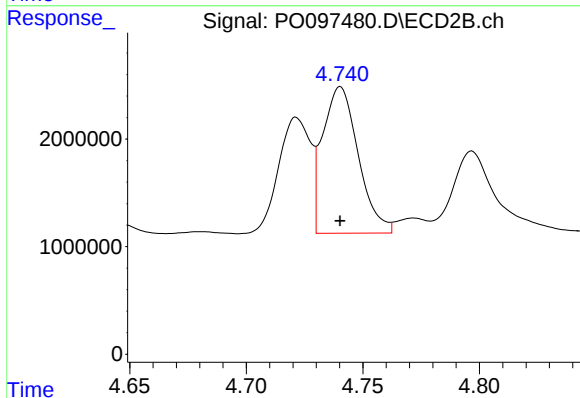
R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 10277743
Conc: 532.80 ng/ml



#17 AR-1242-2

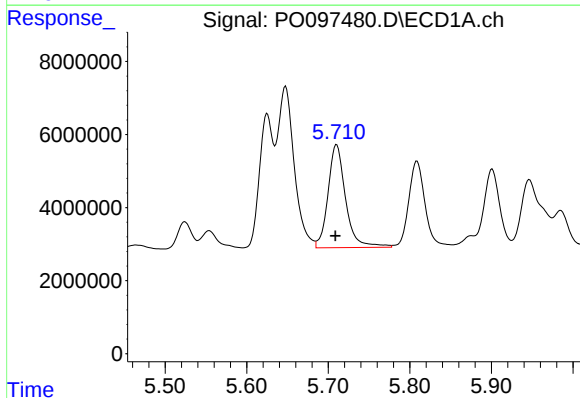
R.T.: 5.648 min
Delta R.T.: 0.002 min
Response: 63446595
Conc: 508.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



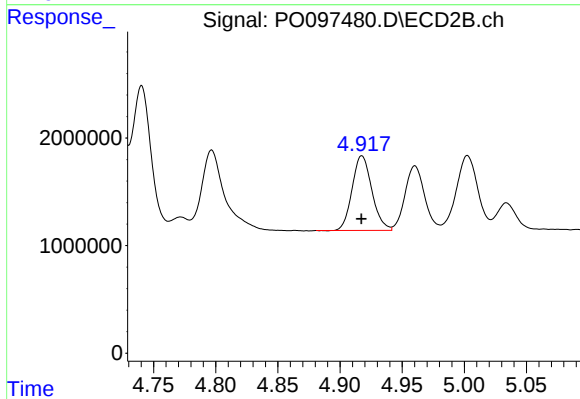
#17 AR-1242-2

R.T.: 4.740 min
Delta R.T.: 0.000 min
Response: 14493646
Conc: 532.47 ng/ml



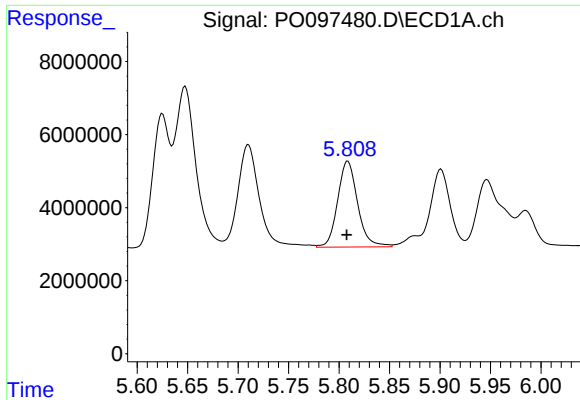
#18 AR-1242-3

R.T.: 5.710 min
Delta R.T.: 0.002 min
Response: 42263087
Conc: 514.03 ng/ml



#18 AR-1242-3

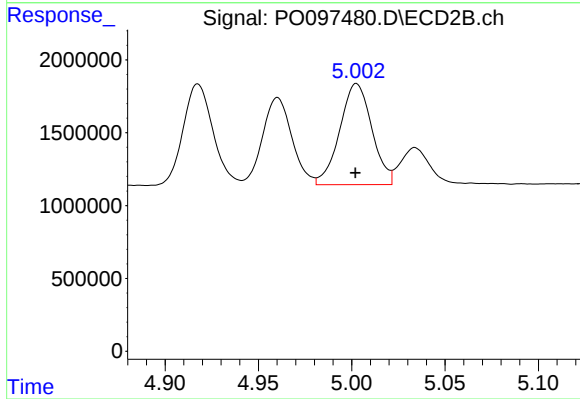
R.T.: 4.918 min
Delta R.T.: 0.000 min
Response: 7686928
Conc: 535.65 ng/ml



#19 AR-1242-4

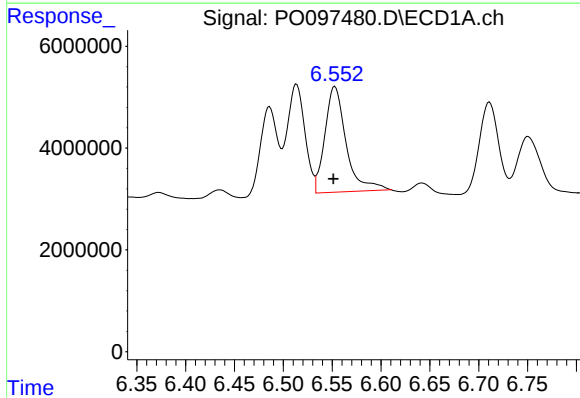
R.T.: 5.809 min
Delta R.T.: 0.001 min
Response: 32520547
Conc: 518.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



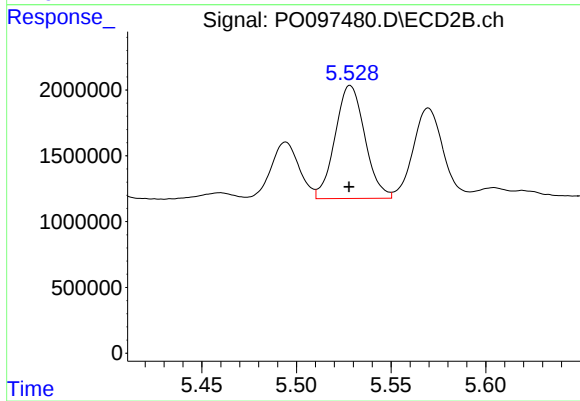
#19 AR-1242-4

R.T.: 5.003 min
Delta R.T.: 0.000 min
Response: 8338384
Conc: 526.47 ng/ml



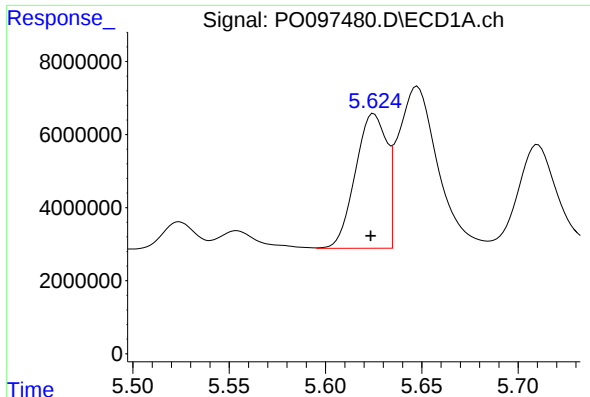
#20 AR-1242-5

R.T.: 6.553 min
Delta R.T.: 0.001 min
Response: 31522371
Conc: 501.19 ng/ml



#20 AR-1242-5

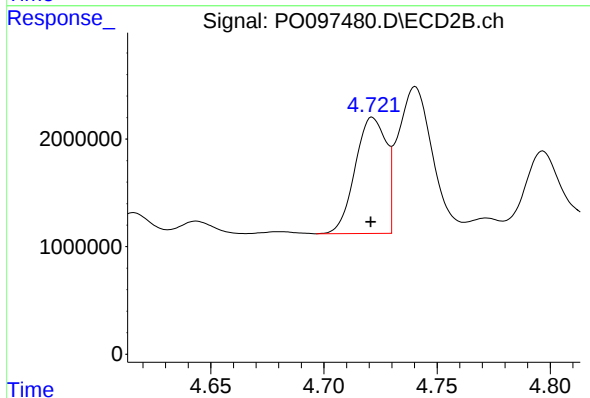
R.T.: 5.528 min
Delta R.T.: 0.000 min
Response: 9411113
Conc: 533.26 ng/ml



#21 AR-1248-1

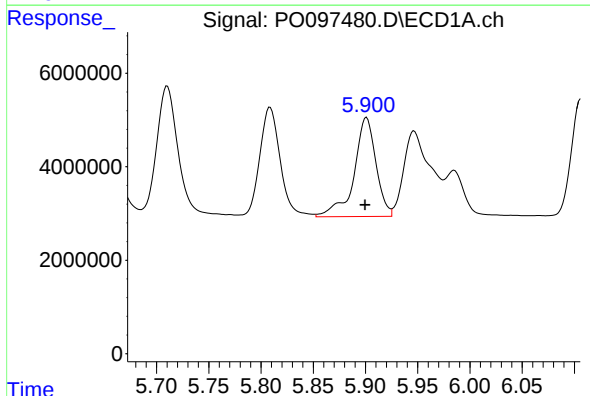
R.T.: 5.625 min
Delta R.T.: 0.002 min
Response: 41773957
Conc: 708.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



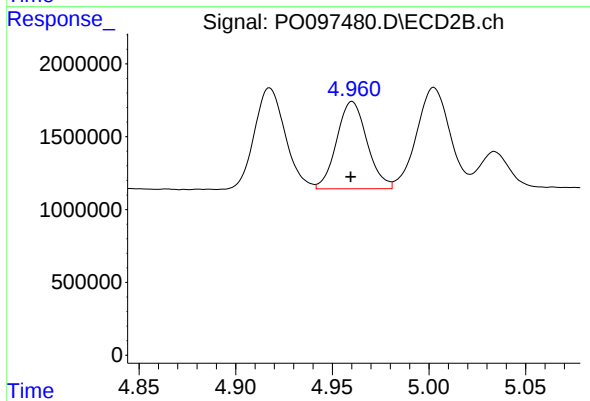
#21 AR-1248-1

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 10277743
Conc: 747.92 ng/ml



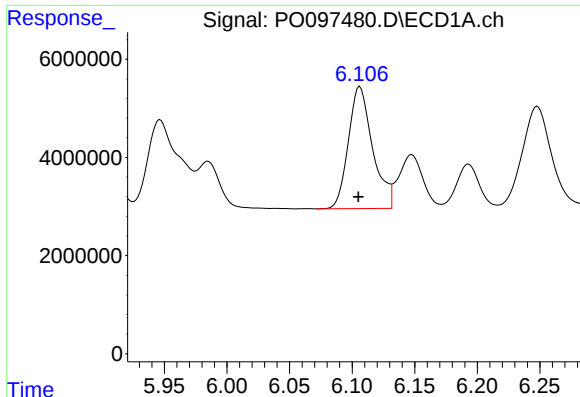
#22 AR-1248-2

R.T.: 5.901 min
Delta R.T.: 0.001 min
Response: 31029266
Conc: 313.73 ng/ml



#22 AR-1248-2

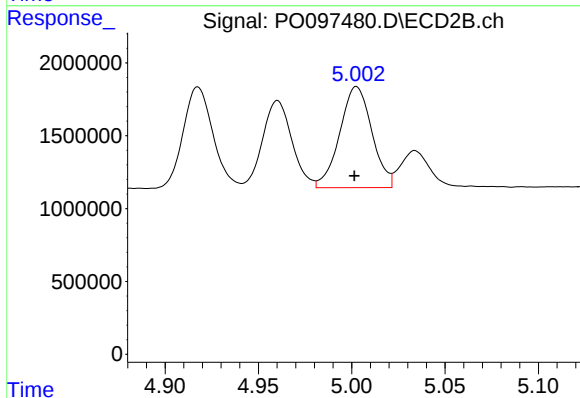
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 6567473
Conc: 296.18 ng/ml



#23 AR-1248-3

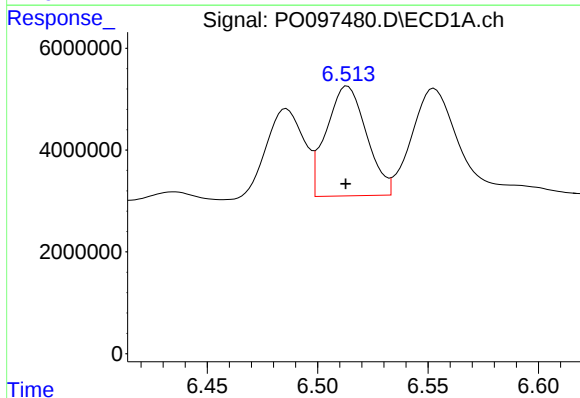
R.T.: 6.106 min
Delta R.T.: 0.001 min
Response: 33550819
Conc: 323.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



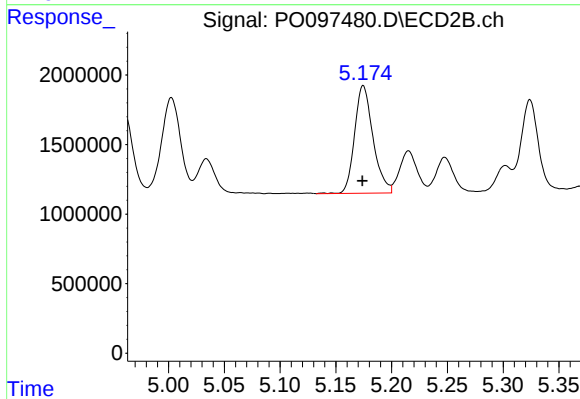
#23 AR-1248-3

R.T.: 5.003 min
Delta R.T.: 0.001 min
Response: 8338384
Conc: 362.66 ng/ml



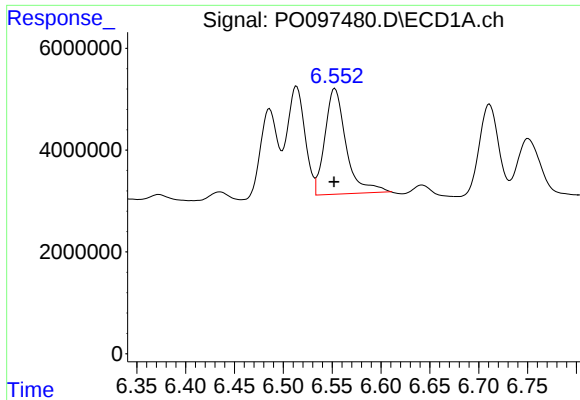
#24 AR-1248-4

R.T.: 6.514 min
Delta R.T.: 0.000 min
Response: 27337325
Conc: 298.84 ng/ml



#24 AR-1248-4

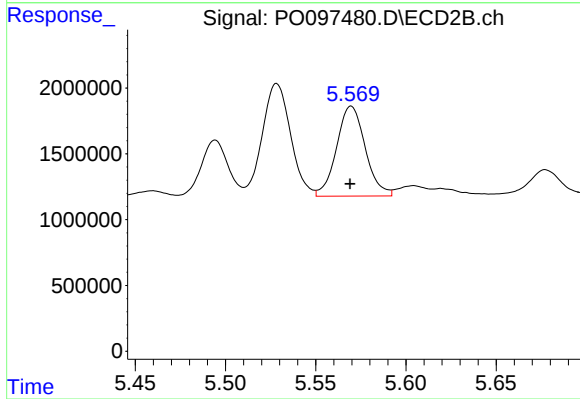
R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 8917577
Conc: 328.61 ng/ml



#25 AR-1248-5

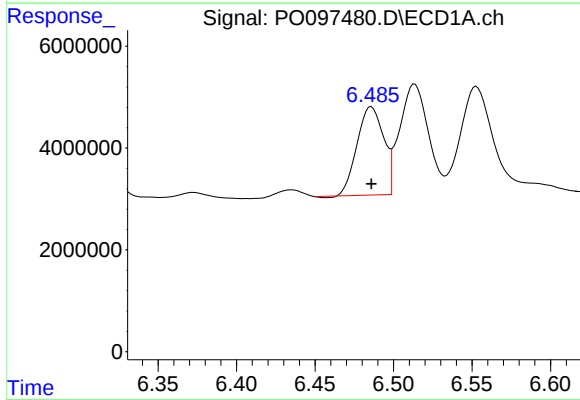
R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 31522371
Conc: 310.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



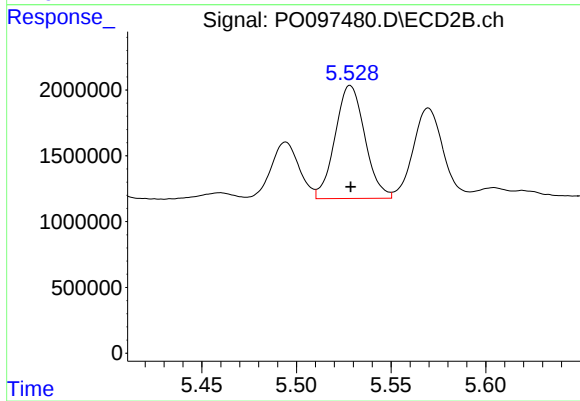
#25 AR-1248-5

R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 7569840
Conc: 334.83 ng/ml



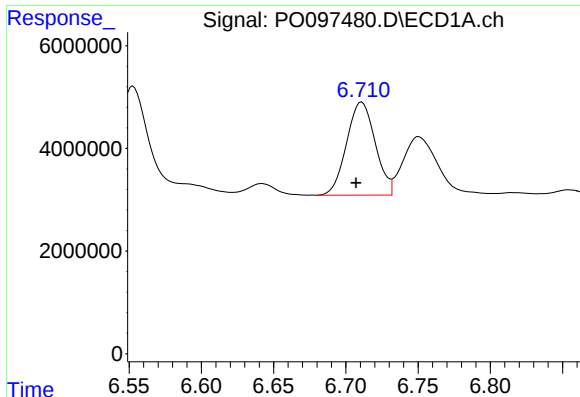
#26 AR-1254-1

R.T.: 6.486 min
Delta R.T.: 0.000 min
Response: 20361030
Conc: 185.20 ng/ml



#26 AR-1254-1

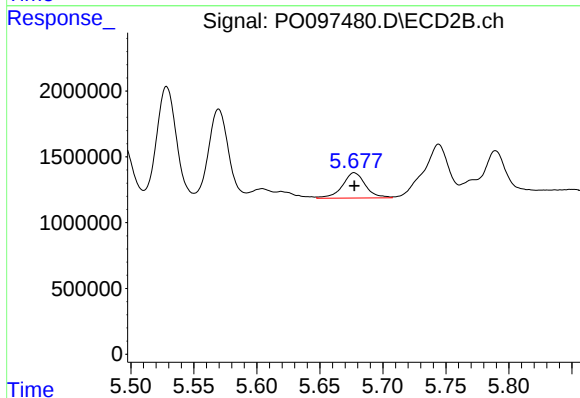
R.T.: 5.528 min
Delta R.T.: 0.000 min
Response: 9411113
Conc: 243.84 ng/ml



#27 AR-1254-2

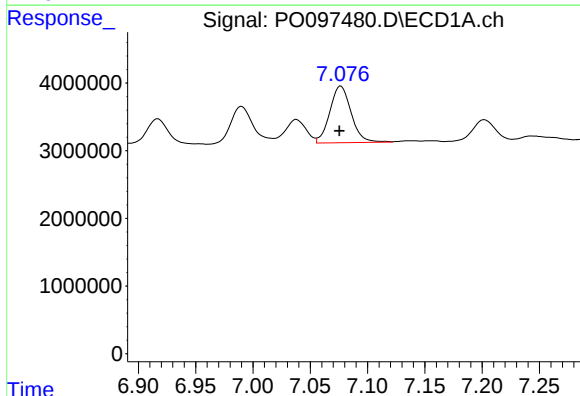
R.T.: 6.711 min
Delta R.T.: 0.004 min
Response: 25008990
Conc: 153.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



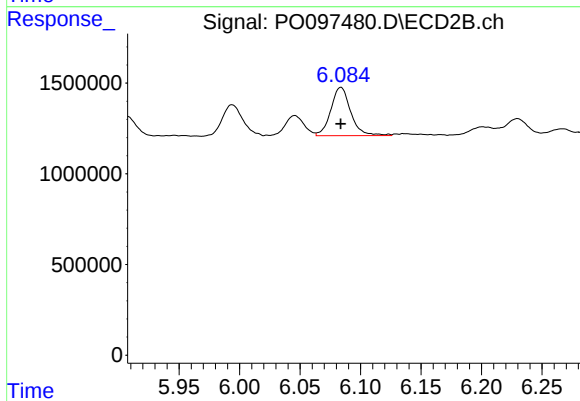
#27 AR-1254-2

R.T.: 5.677 min
Delta R.T.: 0.000 min
Response: 2452337
Conc: 72.00 ng/ml



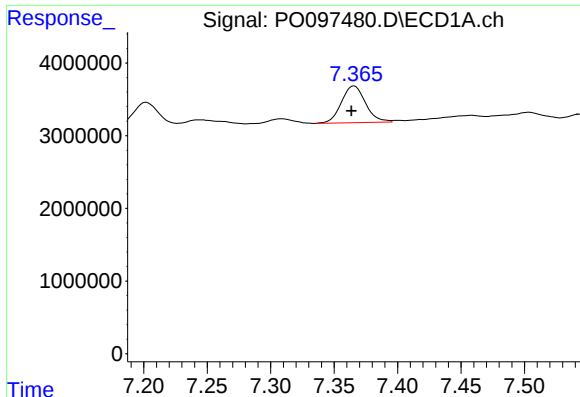
#28 AR-1254-3

R.T.: 7.077 min
Delta R.T.: 0.001 min
Response: 10880929
Conc: 66.81 ng/ml



#28 AR-1254-3

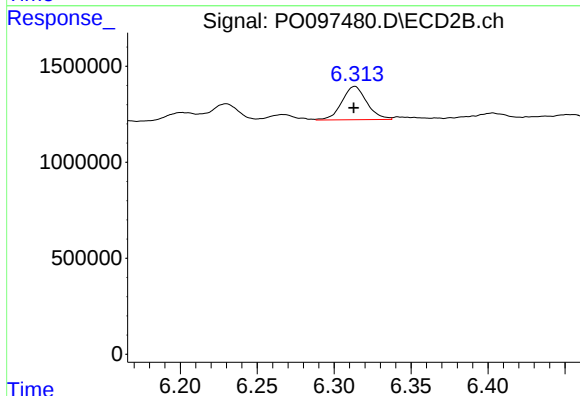
R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 3054185
Conc: 57.56 ng/ml



#29 AR-1254-4

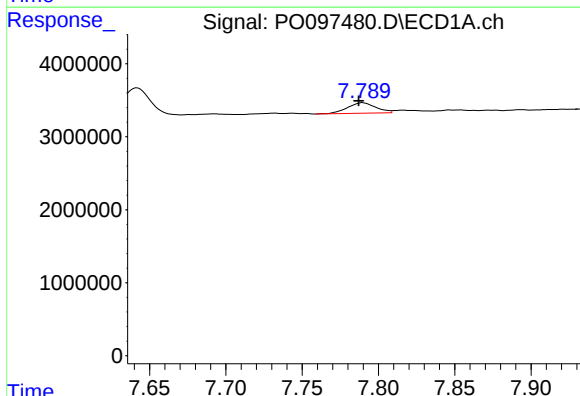
R.T.: 7.366 min
Delta R.T.: 0.002 min
Response: 6691347
Conc: 68.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



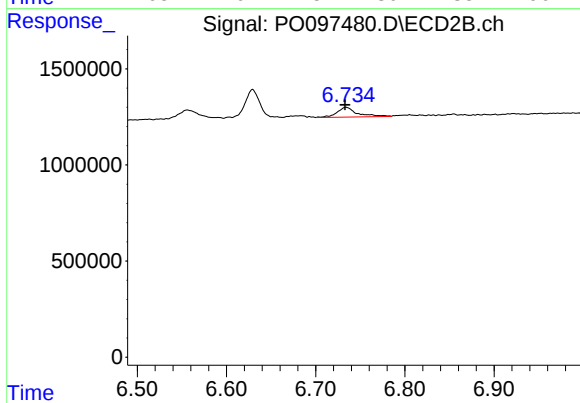
#29 AR-1254-4

R.T.: 6.313 min
Delta R.T.: 0.000 min
Response: 1944658
Conc: 71.32 ng/ml



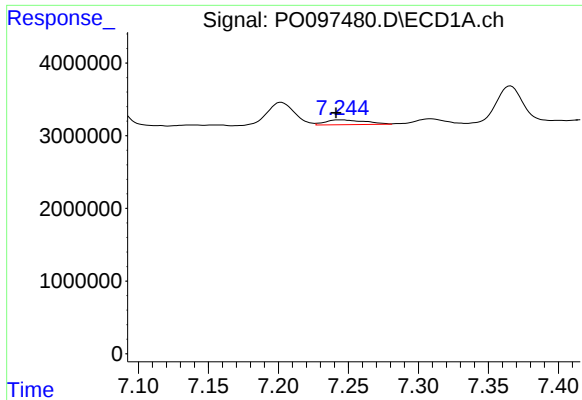
#30 AR-1254-5

R.T.: 7.790 min
Delta R.T.: 0.003 min
Response: 1841656
Conc: 16.31 ng/ml



#30 AR-1254-5

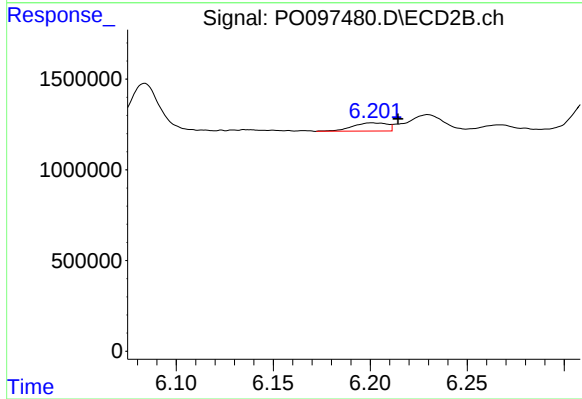
R.T.: 6.734 min
Delta R.T.: 0.001 min
Response: 804329
Conc: 18.24 ng/ml



#31 AR-1260-1

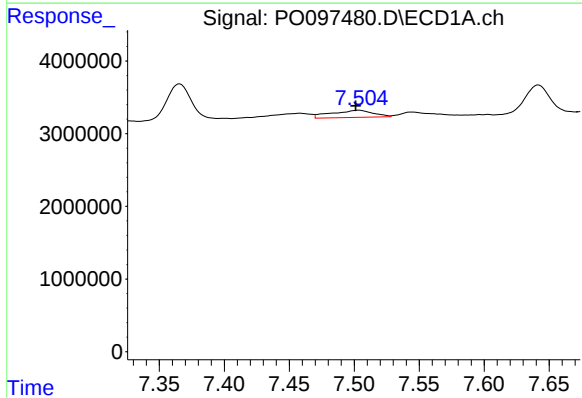
R.T.: 7.244 min
Delta R.T.: 0.003 min
Response: 1304525
Conc: 10.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



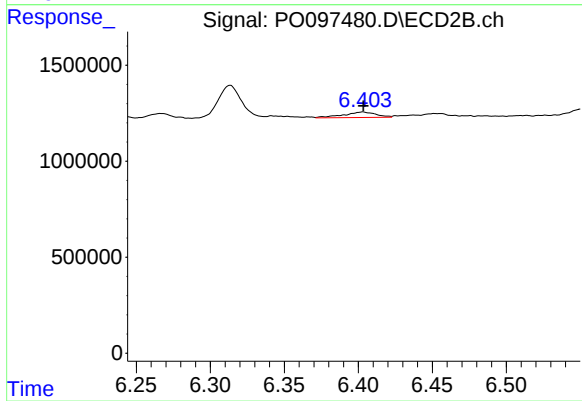
#31 AR-1260-1

R.T.: 6.201 min
Delta R.T.: -0.014 min
Response: 560631
Conc: 15.01 ng/ml



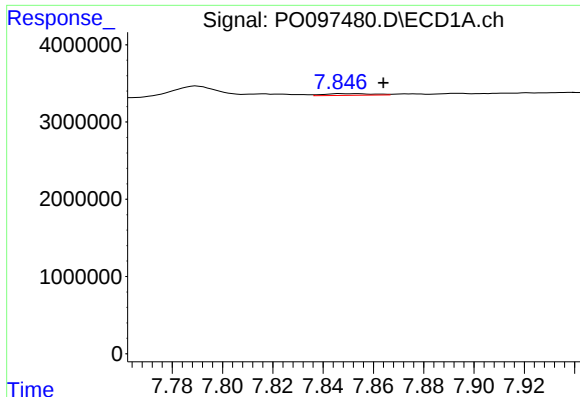
#32 AR-1260-2

R.T.: 7.504 min
Delta R.T.: 0.003 min
Response: 2202115
Conc: 16.16 ng/ml



#32 AR-1260-2

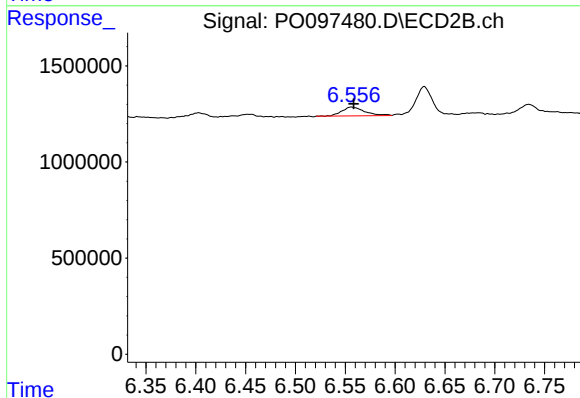
R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 439489
Conc: 10.39 ng/ml



#33 AR-1260-3

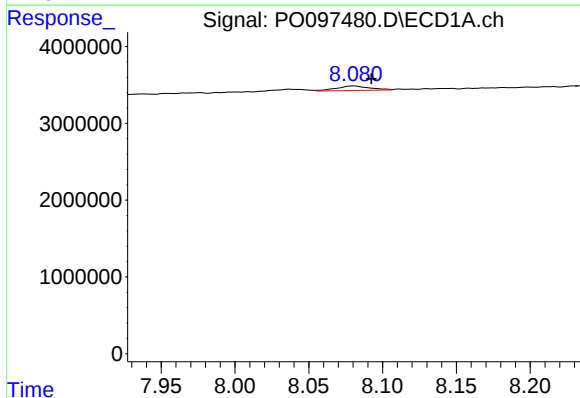
R.T.: 7.854 min
Delta R.T.: -0.010 min
Response: 309237
Conc: 2.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



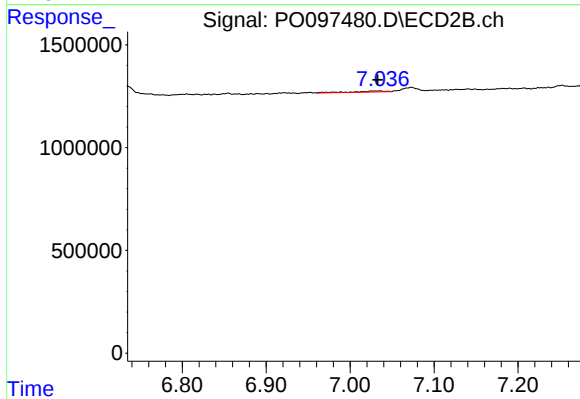
#33 AR-1260-3

R.T.: 6.556 min
Delta R.T.: -0.002 min
Response: 743905
Conc: 17.77 ng/ml



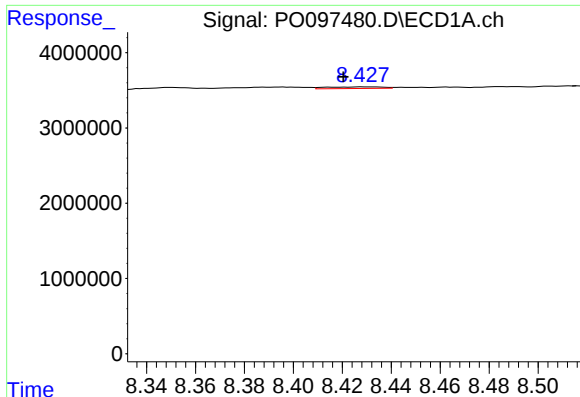
#34 AR-1260-4

R.T.: 8.080 min
Delta R.T.: -0.012 min
Response: 927188
Conc: 8.20 ng/ml



#34 AR-1260-4

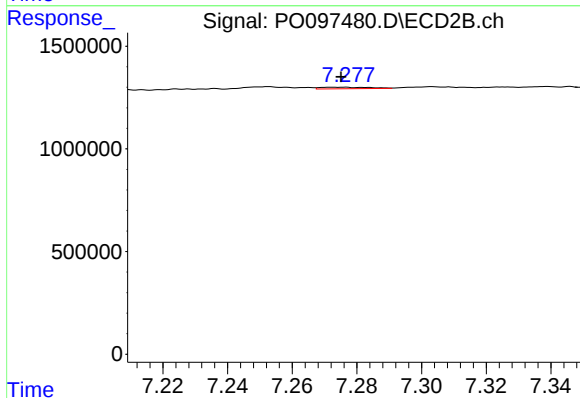
R.T.: 7.036 min
Delta R.T.: 0.003 min
Response: 151379
Conc: 4.68 ng/ml



#35 AR-1260-5

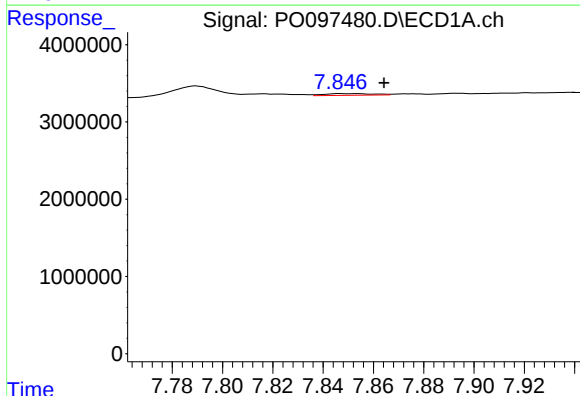
R.T.: 8.429 min
Delta R.T.: 0.008 min
Response: 339801
Conc: 1.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



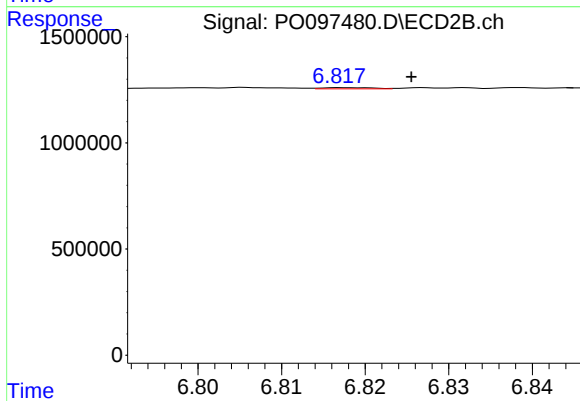
#35 AR-1260-5

R.T.: 7.272 min
Delta R.T.: -0.003 min
Response: 77232
Conc: 1.17 ng/ml



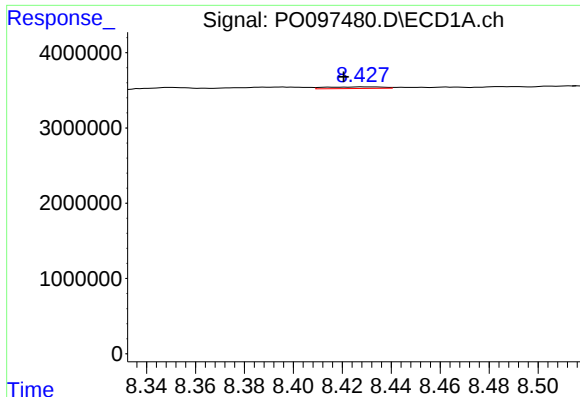
#36 AR-1262-1

R.T.: 7.854 min
Delta R.T.: -0.011 min
Response: 309237
Conc: 2.05 ng/ml



#36 AR-1262-1

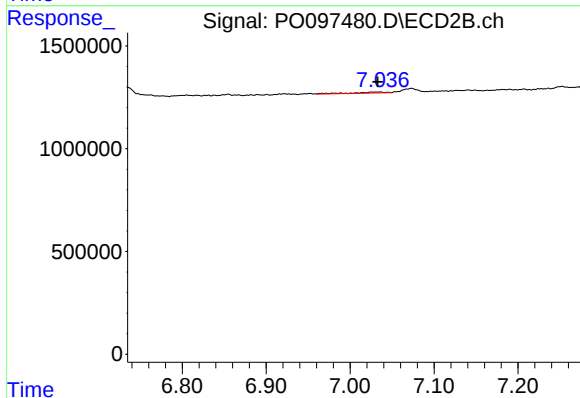
R.T.: 6.818 min
Delta R.T.: -0.008 min
Response: 23492
Conc: 1.17 ng/ml



#37 AR-1262-2

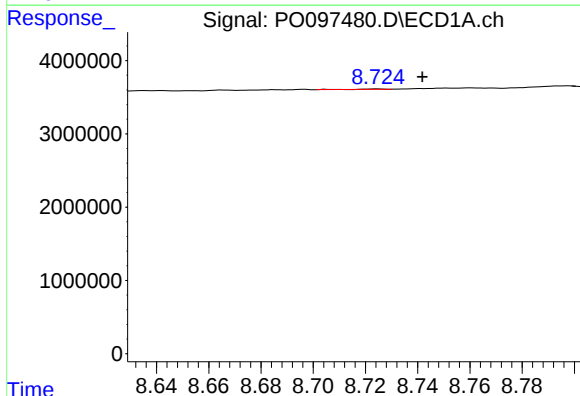
R.T.: 8.429 min
Delta R.T.: 0.008 min
Response: 339801
Conc: 1.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



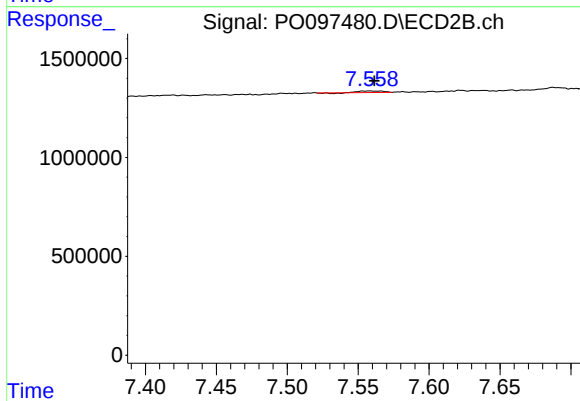
#37 AR-1262-2

R.T.: 7.036 min
Delta R.T.: 0.003 min
Response: 151379
Conc: 3.46 ng/ml



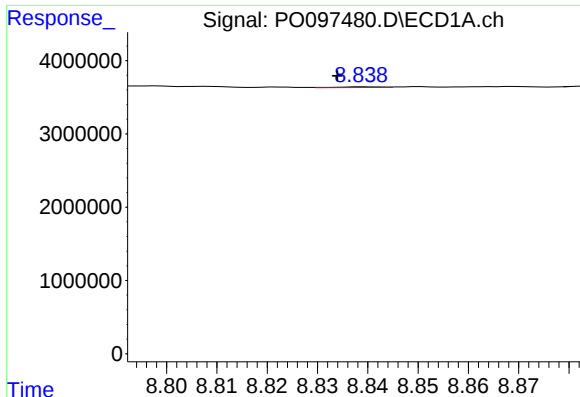
#38 AR-1262-3

R.T.: 8.724 min
Delta R.T.: -0.017 min
Response: 13198
Conc: 0.09 ng/ml



#38 AR-1262-3

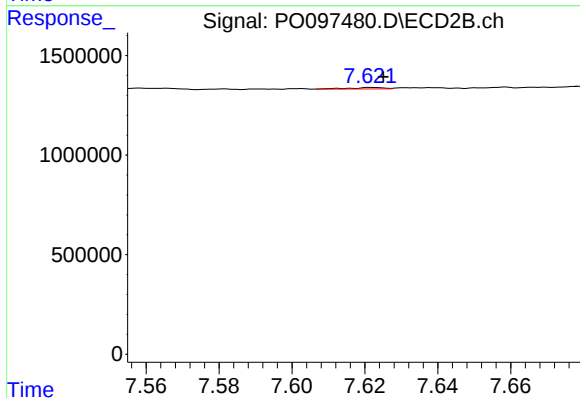
R.T.: 7.558 min
Delta R.T.: -0.003 min
Response: 84573
Conc: 2.71 ng/ml



#39 AR-1262-4

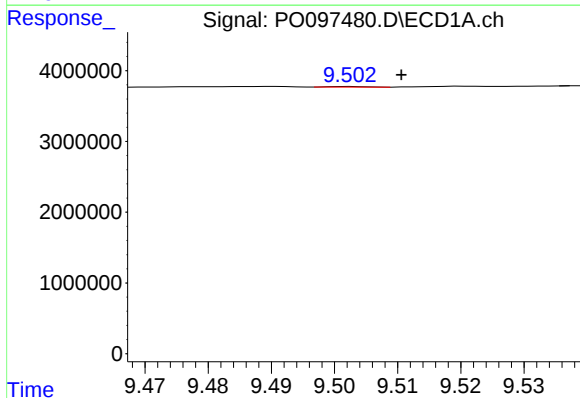
R.T.: 8.839 min
Delta R.T.: 0.005 min
Response: 66329
Conc: 0.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



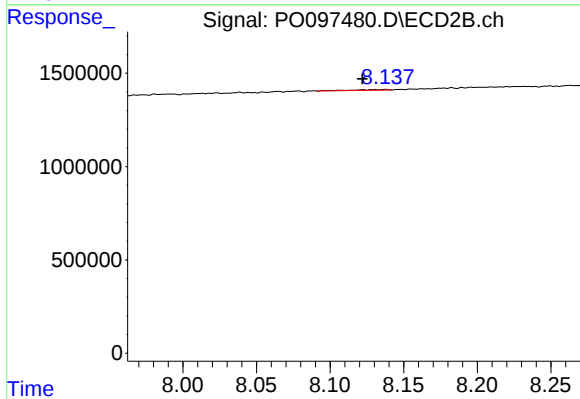
#39 AR-1262-4

R.T.: 7.622 min
Delta R.T.: -0.003 min
Response: 46840
Conc: 0.83 ng/ml



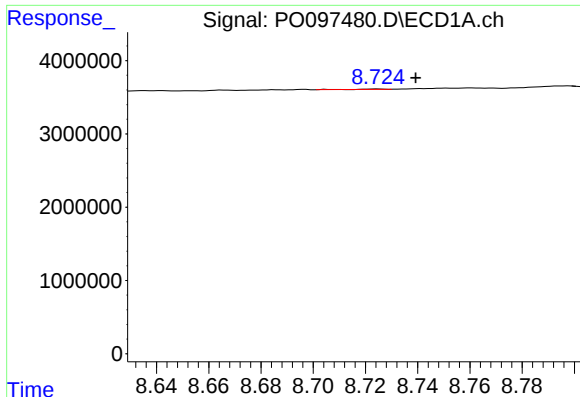
#40 AR-1262-5

R.T.: 9.502 min
Delta R.T.: -0.008 min
Response: 32919
Conc: 0.48 ng/ml



#40 AR-1262-5

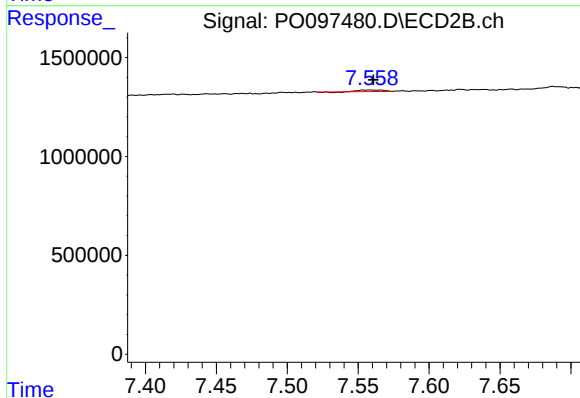
R.T.: 8.138 min
Delta R.T.: 0.016 min
Response: 52567
Conc: 2.23 ng/ml



#41 AR-1268-1

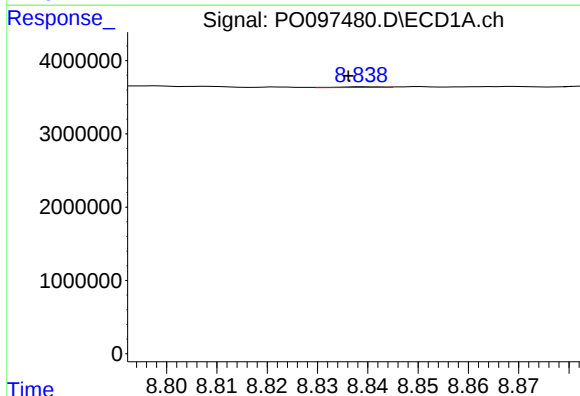
R.T.: 8.724 min
Delta R.T.: -0.015 min
Response: 13198
Conc: 0.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



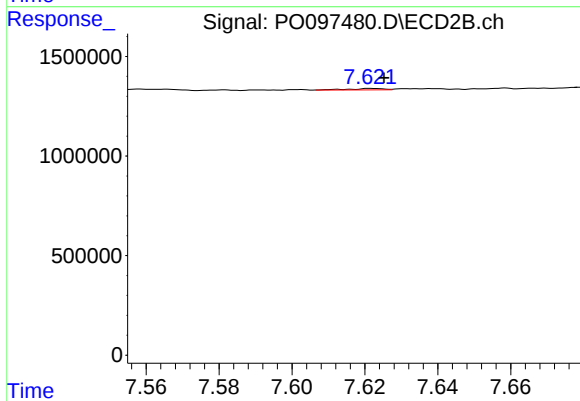
#41 AR-1268-1

R.T.: 7.558 min
Delta R.T.: -0.002 min
Response: 84573
Conc: 0.88 ng/ml



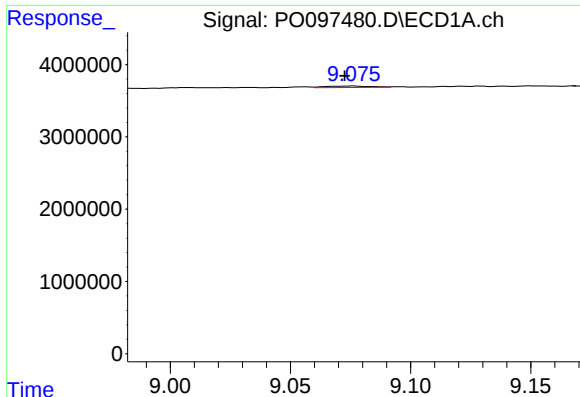
#42 AR-1268-2

R.T.: 8.839 min
Delta R.T.: 0.003 min
Response: 66329
Conc: 0.26 ng/ml



#42 AR-1268-2

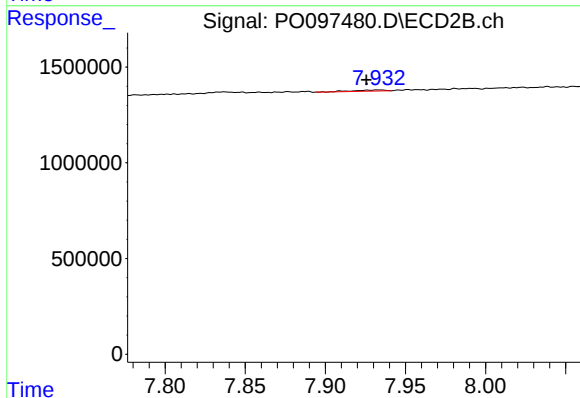
R.T.: 7.622 min
Delta R.T.: -0.003 min
Response: 46840
Conc: 0.57 ng/ml



#43 AR-1268-3

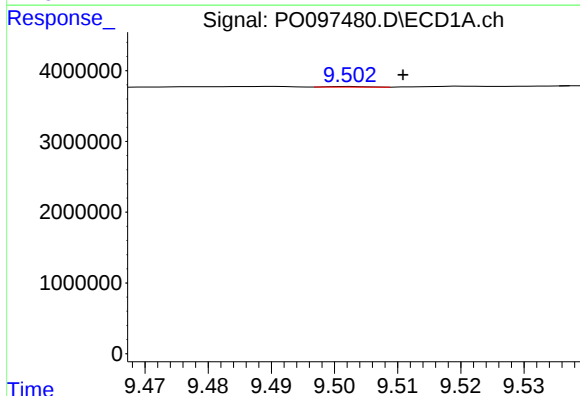
R.T.: 9.076 min
Delta R.T.: 0.003 min
Response: 268515
Conc: 1.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



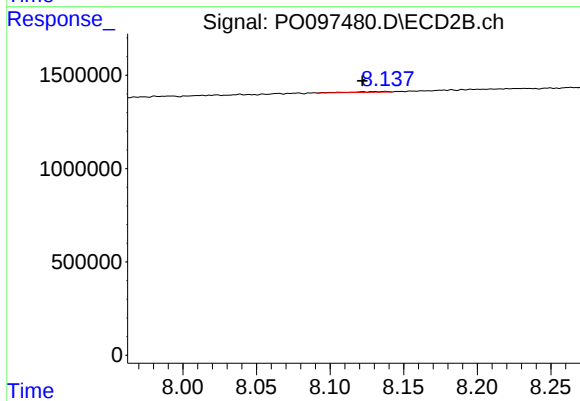
#43 AR-1268-3

R.T.: 7.933 min
Delta R.T.: 0.008 min
Response: 80947
Conc: 4.09 ng/ml



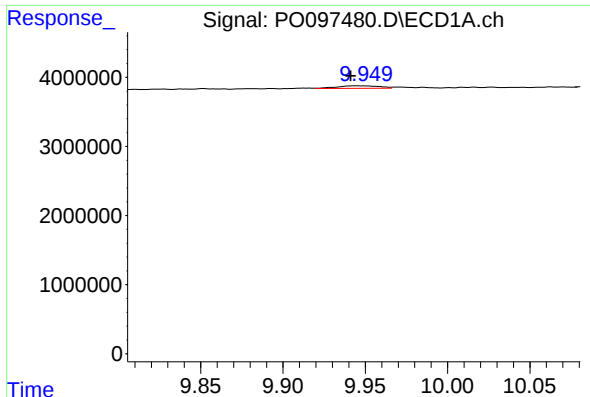
#44 AR-1268-4

R.T.: 9.502 min
Delta R.T.: -0.008 min
Response: 32919
Conc: 0.43 ng/ml



#44 AR-1268-4

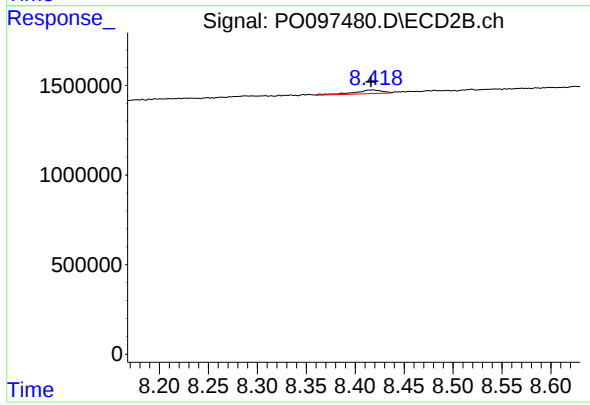
R.T.: 8.138 min
Delta R.T.: 0.016 min
Response: 52567
Conc: 2.03 ng/ml



#45 AR-1268-5

R.T.: 9.945 min
Delta R.T.: 0.004 min
Response: 637247
Conc: 0.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.418 min
Delta R.T.: 0.002 min
Response: 420687
Conc: 1.85 ng/ml