

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080522\
 Data File : P0088693.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2022 21:25
 Operator : YP/AJ
 Sample : N3940-01
 Misc : AR1242 LOD 40 PPB
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 21:59:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 05 23:24:09 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...	4.436	3.594	80657217	30076984	29.902	27.790
2)	SA Decachlor...	10.272	8.586	56656421	34348808	29.360	28.343
Target Compounds							
3)	L1 AR-1016-1	5.612	4.673	3960877	1716099	49.133	46.045
4)	L1 AR-1016-2	5.635	4.692	5947683	2429517	51.566	46.599
5)	L1 AR-1016-3	5.698	4.867	3980912	1319761	55.088	45.108
6)	L1 AR-1016-4	5.796	4.909	2781284	1100802	48.510	45.634
7)	L1 AR-1016-5	6.093	5.121	2574103	1700409	44.875	52.135
8)	L2 AR-1221-1	4.642	3.806	763549	239076	24.633	19.978
9)	L2 AR-1221-2	4.742	3.892	1940199	668676	83.919	74.033
10)	L2 AR-1221-3	4.809	3.967	2599000	867479	37.035	30.526
11)	L3 AR-1232-1	4.809	3.967	2599000	867479	46.788	38.312
12)	L3 AR-1232-2	5.147	4.692	3405211	2429517	122.818	105.226
13)	L3 AR-1232-3	5.635	4.867	5947683	1319761	116.593	107.393
14)	L3 AR-1232-4	5.796	4.950	2781284	1427659	111.203	121.128
15)	L3 AR-1232-5	5.889	5.121	2544996	1700409	123.659	126.386
16)	L4 AR-1242-1	5.612	4.673	3960877	1716099	58.933	55.971
17)	L4 AR-1242-2	5.635	4.692	5947683	2429517	61.630	56.388
18)	L4 AR-1242-3	5.698	4.867	3980912	1319761	65.957	54.972
19)	L4 AR-1242-4	5.796	4.950	2781284	1427659	57.698	56.624
20)	L4 AR-1242-5	6.538	5.472	3379614	1708982	65.121	53.676
21)	L5 AR-1248-1	5.612	4.673	3960877	1716099	76.773	73.085
22)	L5 AR-1248-2	5.889	4.909	2544996	1100802	33.152	30.672
23)	L5 AR-1248-3	6.093	4.950	2574103	1427659	31.164	37.495
24)	L5 AR-1248-4	6.499	5.121	3091783	1700409	34.427	37.028
25)	L5 AR-1248-5	6.538	5.513	3379614	1541371	38.127	35.303
26)	L6 AR-1254-1	6.471	5.472	2598394	1708982	28.445	24.813
27)	L6 AR-1254-2	6.696	5.619	2783233	613870	20.352	10.366 #
28)	L6 AR-1254-3	7.062	6.023	2583391	590872	18.358	6.354 #
29)	L6 AR-1254-4	7.345	6.252	1102085	377063	10.907	6.656 #
30)	L6 AR-1254-5	7.771	6.668	479790	233708	4.506	2.863 #
31)	L7 AR-1260-1	7.237	6.167	24319	353487	0.235	5.562 #
32)	L7 AR-1260-2	7.481	6.325	279887	810004	2.368	10.571 #
33)	L7 AR-1260-3	7.845	6.494	312292	190948	3.555	2.658 #
34)	L7 AR-1260-4	8.085	6.965	182193	80978	1.860	1.327 #
35)	L7 AR-1260-5	8.397	7.209	251945	105332	1.368	0.747 #
36)	L8 AR-1262-1	7.845	0.000	312292	0	2.465	N.D. #
37)	L8 AR-1262-2	8.397	7.209	251945	105332	1.200	0.688 #
38)	L8 AR-1262-3	8.773f	7.499	363165	209560	4.028	3.398
39)	L8 AR-1262-4	8.835	7.555	125495	444816	1.904	3.906 #
40)	L8 AR-1262-5	9.489	8.047	520498	488879	6.491	9.106 #
41)	L9 AR-1268-1	8.773f	7.499	363165	209560	1.464	1.183

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 Misc : AR1242 LOD 40 PPB
 ALS Vial : 61 Sample Multiplier: 1

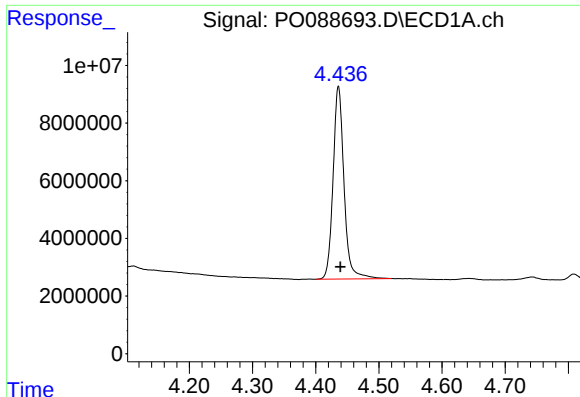
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 21:59:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080422.M
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 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.835	7.555	125495	444816	0.552	2.771 #
43) L9	AR-1268-3	9.050	7.762	540508	833083	2.758	6.039 #
44) L9	AR-1268-4	9.489	8.047	520498	488879	5.978	8.447 #
45) L9	AR-1268-5	9.914	8.335	859087	337409	1.373	0.827 #

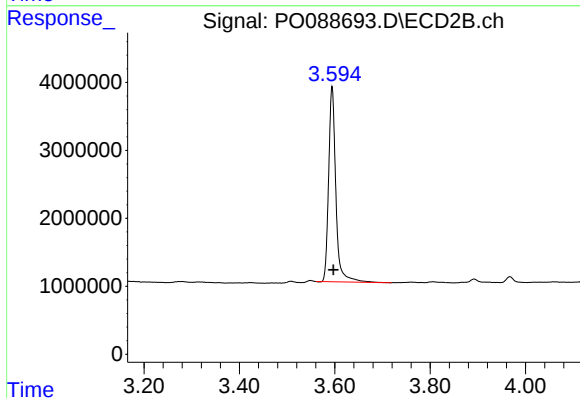
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

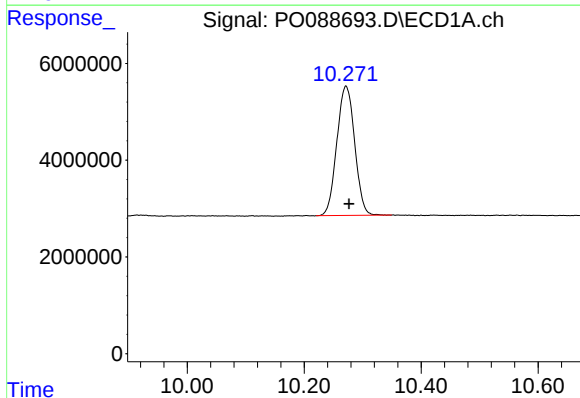
R.T.: 4.436 min
Delta R.T.: -0.003 min
Response: 80657217
Conc: 29.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



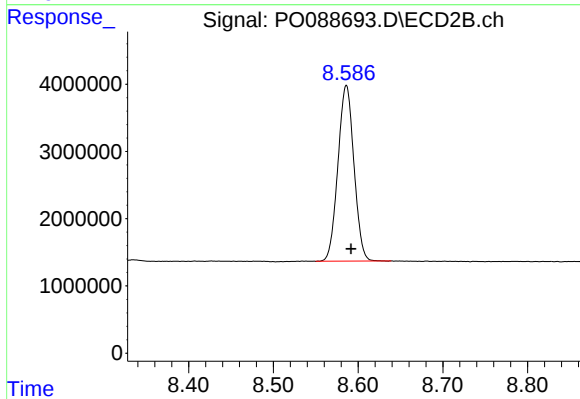
#1 Tetrachloro-m-xylene

R.T.: 3.594 min
Delta R.T.: -0.003 min
Response: 30076984
Conc: 27.79 ng/ml



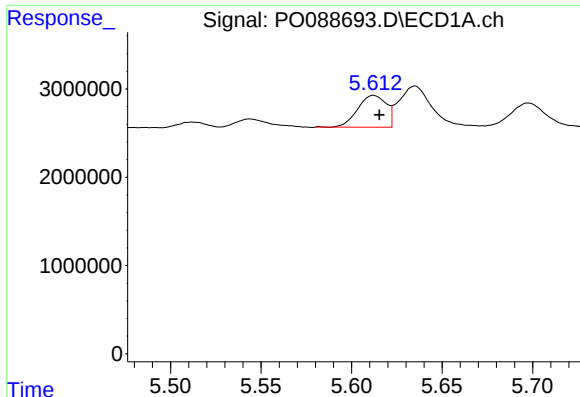
#2 Decachlorobiphenyl

R.T.: 10.272 min
Delta R.T.: -0.005 min
Response: 56656421
Conc: 29.36 ng/ml



#2 Decachlorobiphenyl

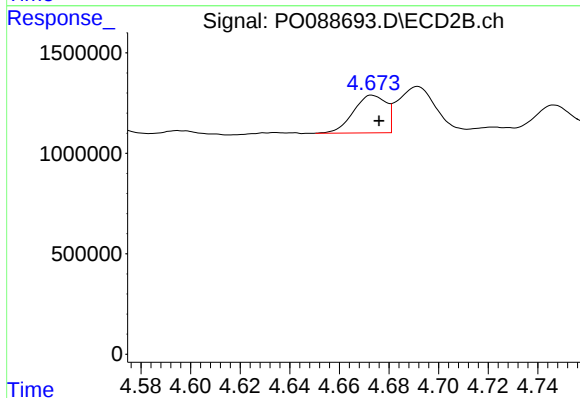
R.T.: 8.586 min
Delta R.T.: -0.006 min
Response: 34348808
Conc: 28.34 ng/ml



#3 AR-1016-1

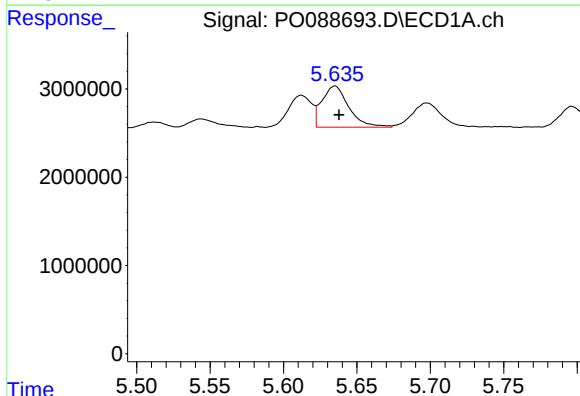
R.T.: 5.612 min
Delta R.T.: -0.003 min
Response: 3960877
Conc: 49.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



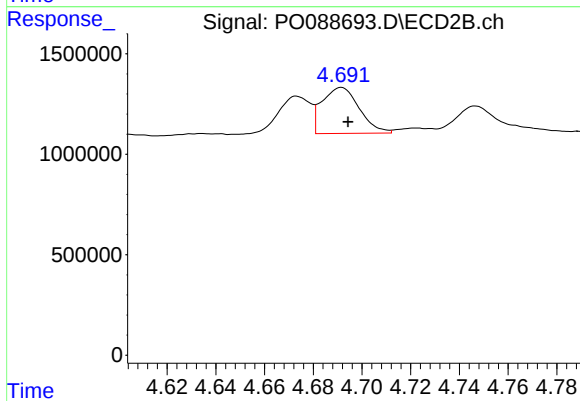
#3 AR-1016-1

R.T.: 4.673 min
Delta R.T.: -0.003 min
Response: 1716099
Conc: 46.05 ng/ml



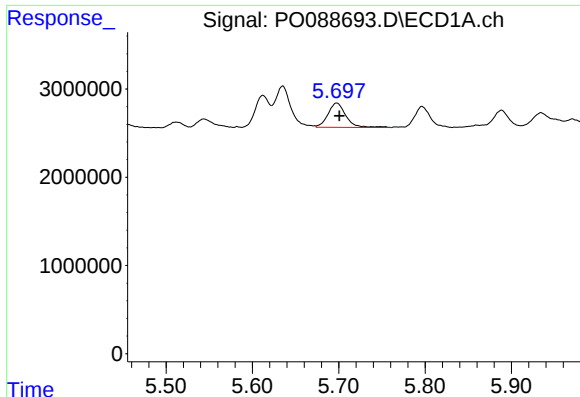
#4 AR-1016-2

R.T.: 5.635 min
Delta R.T.: -0.003 min
Response: 5947683
Conc: 51.57 ng/ml



#4 AR-1016-2

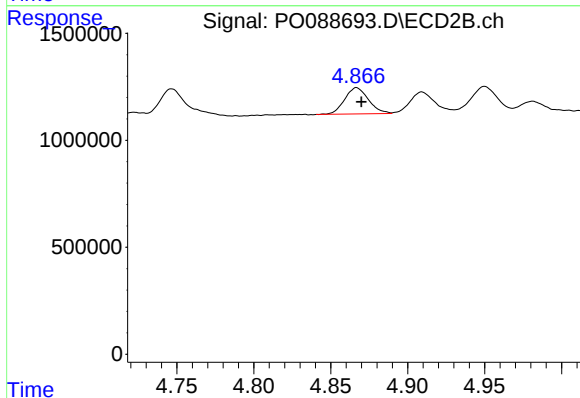
R.T.: 4.692 min
Delta R.T.: -0.003 min
Response: 2429517
Conc: 46.60 ng/ml



#5 AR-1016-3

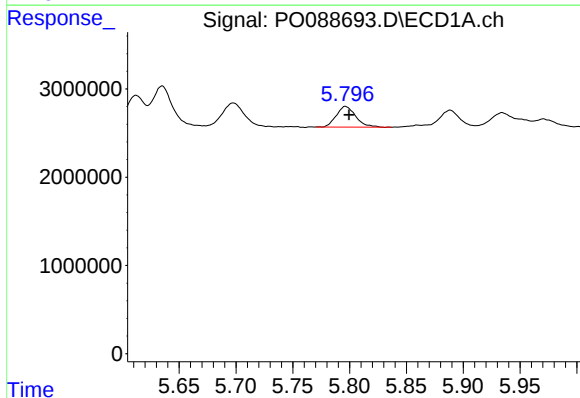
R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 3980912
Conc: 55.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



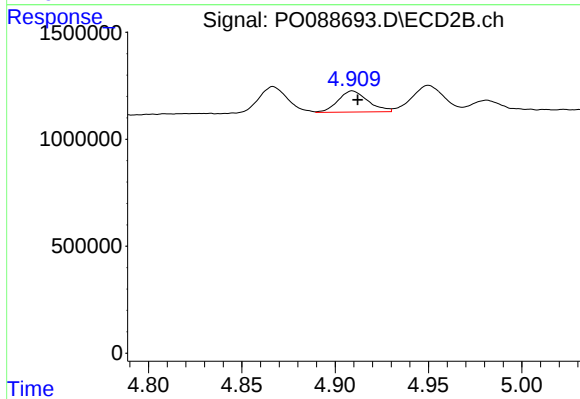
#5 AR-1016-3

R.T.: 4.867 min
Delta R.T.: -0.003 min
Response: 1319761
Conc: 45.11 ng/ml



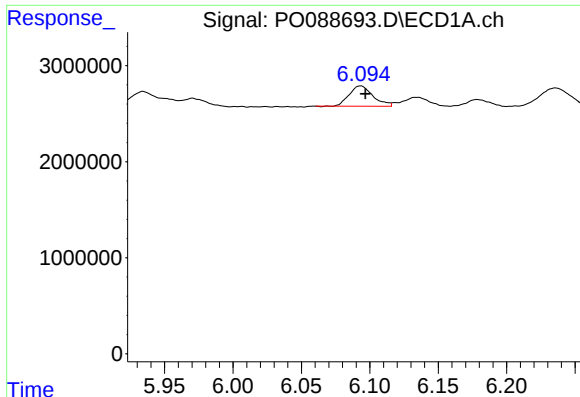
#6 AR-1016-4

R.T.: 5.796 min
Delta R.T.: -0.003 min
Response: 2781284
Conc: 48.51 ng/ml



#6 AR-1016-4

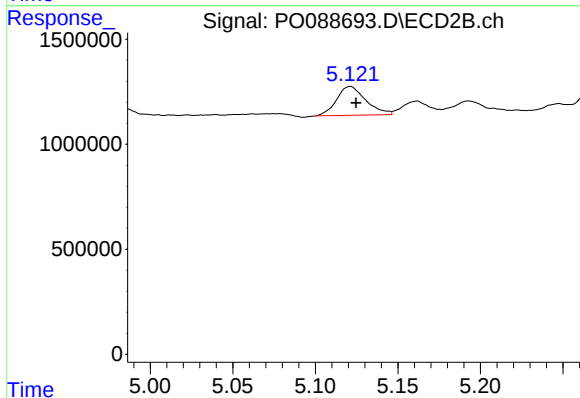
R.T.: 4.909 min
Delta R.T.: -0.003 min
Response: 1100802
Conc: 45.63 ng/ml



#7 AR-1016-5

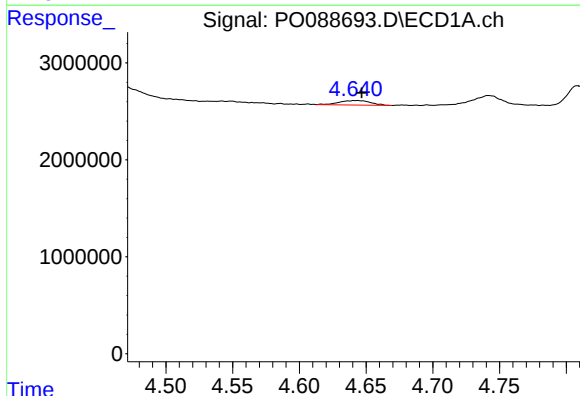
R.T.: 6.093 min
Delta R.T.: -0.003 min
Response: 2574103
Conc: 44.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



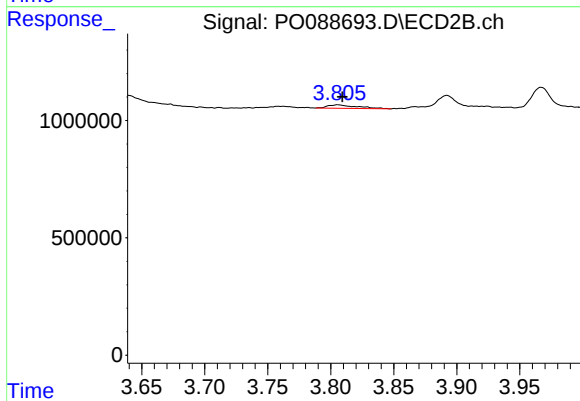
#7 AR-1016-5

R.T.: 5.121 min
Delta R.T.: -0.004 min
Response: 1700409
Conc: 52.14 ng/ml



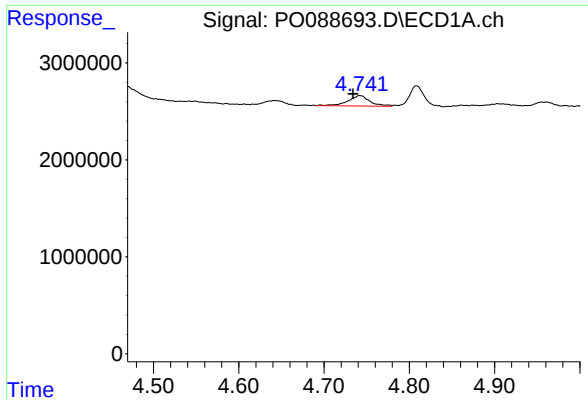
#8 AR-1221-1

R.T.: 4.642 min
Delta R.T.: -0.004 min
Response: 763549
Conc: 24.63 ng/ml



#8 AR-1221-1

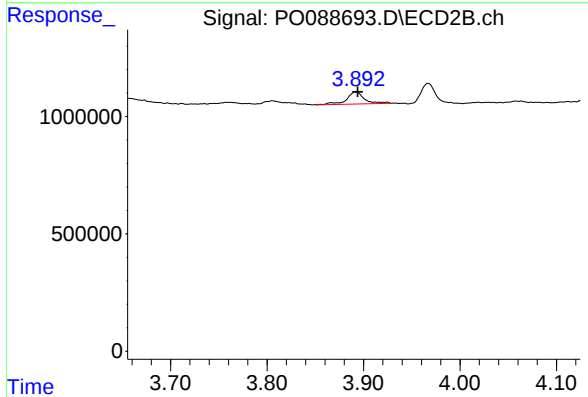
R.T.: 3.806 min
Delta R.T.: -0.003 min
Response: 239076
Conc: 19.98 ng/ml



#9 AR-1221-2

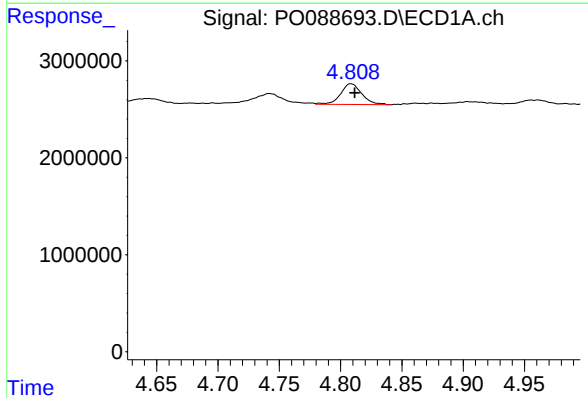
R.T.: 4.742 min
Delta R.T.: 0.008 min
Response: 1940199
Conc: 83.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



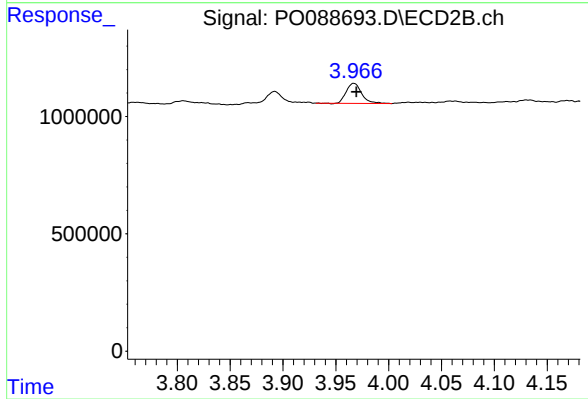
#9 AR-1221-2

R.T.: 3.892 min
Delta R.T.: -0.002 min
Response: 668676
Conc: 74.03 ng/ml



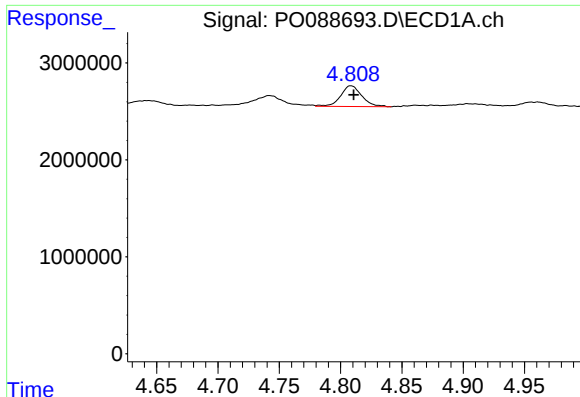
#10 AR-1221-3

R.T.: 4.809 min
Delta R.T.: -0.003 min
Response: 2599000
Conc: 37.04 ng/ml



#10 AR-1221-3

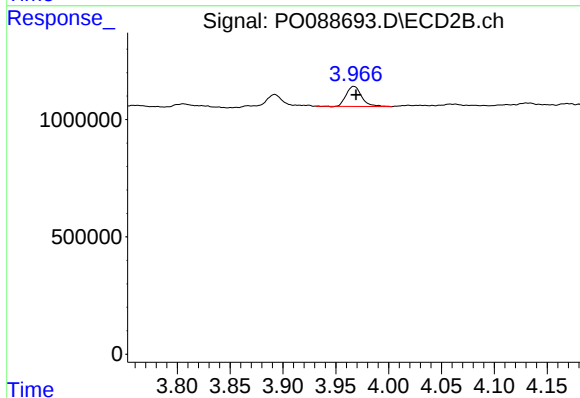
R.T.: 3.967 min
Delta R.T.: -0.002 min
Response: 867479
Conc: 30.53 ng/ml



#11 AR-1232-1

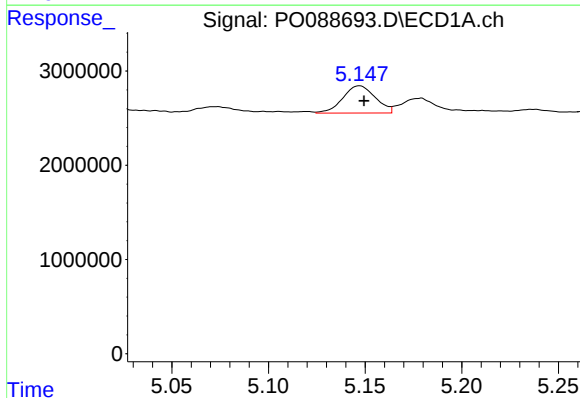
R.T.: 4.809 min
Delta R.T.: -0.002 min
Response: 2599000
Conc: 46.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



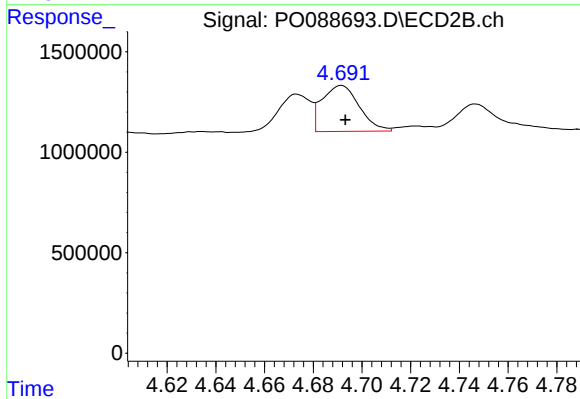
#11 AR-1232-1

R.T.: 3.967 min
Delta R.T.: -0.002 min
Response: 867479
Conc: 38.31 ng/ml



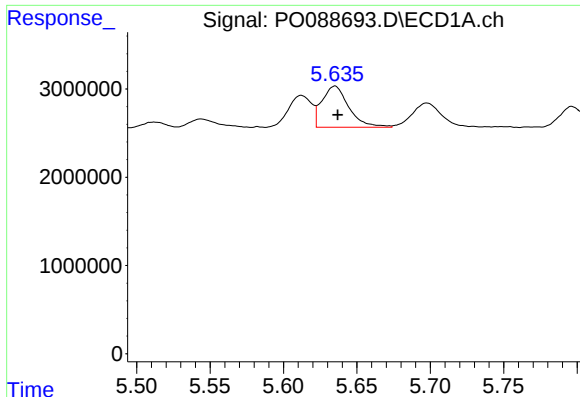
#12 AR-1232-2

R.T.: 5.147 min
Delta R.T.: -0.002 min
Response: 3405211
Conc: 122.82 ng/ml



#12 AR-1232-2

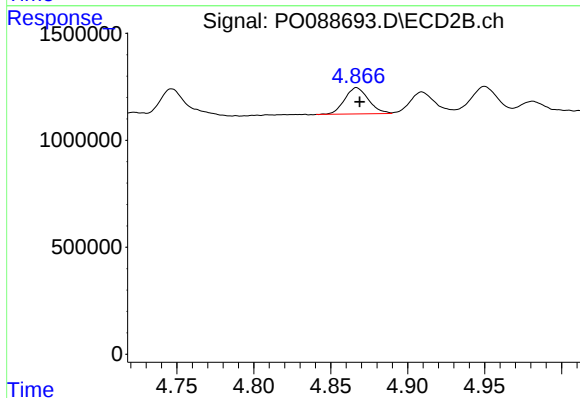
R.T.: 4.692 min
Delta R.T.: -0.002 min
Response: 2429517
Conc: 105.23 ng/ml



#13 AR-1232-3

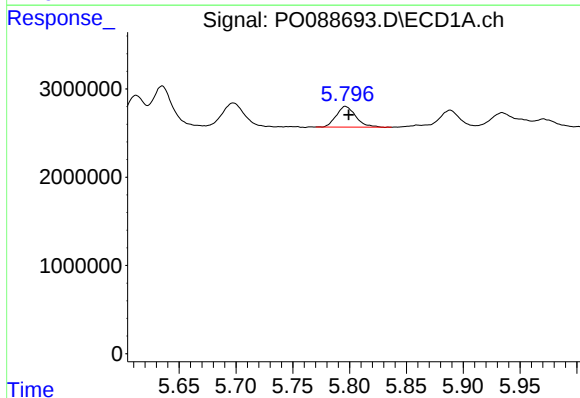
R.T.: 5.635 min
Delta R.T.: -0.002 min
Response: 5947683
Conc: 116.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



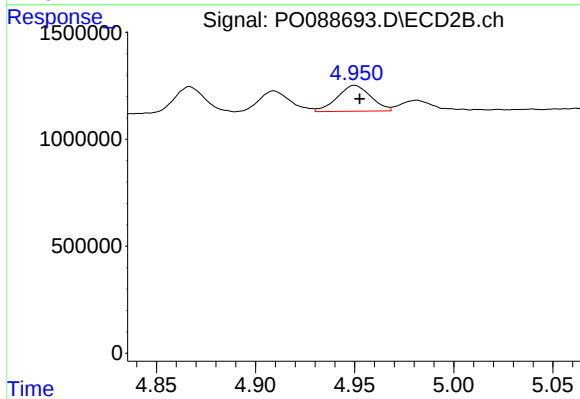
#13 AR-1232-3

R.T.: 4.867 min
Delta R.T.: -0.002 min
Response: 1319761
Conc: 107.39 ng/ml



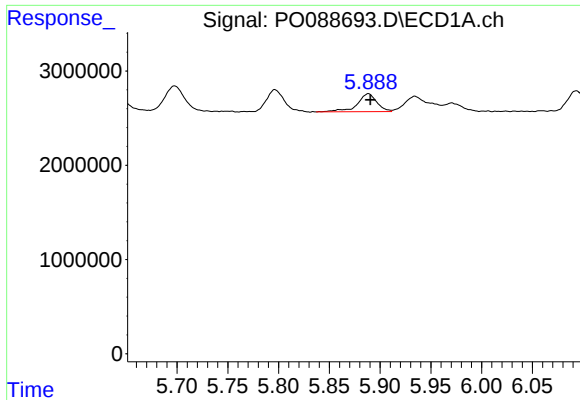
#14 AR-1232-4

R.T.: 5.796 min
Delta R.T.: -0.003 min
Response: 2781284
Conc: 111.20 ng/ml



#14 AR-1232-4

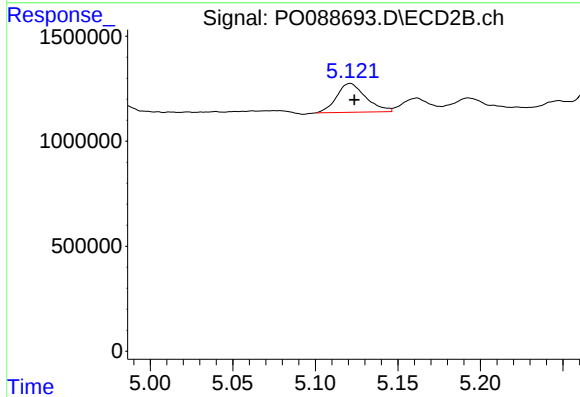
R.T.: 4.950 min
Delta R.T.: -0.002 min
Response: 1427659
Conc: 121.13 ng/ml



#15 AR-1232-5

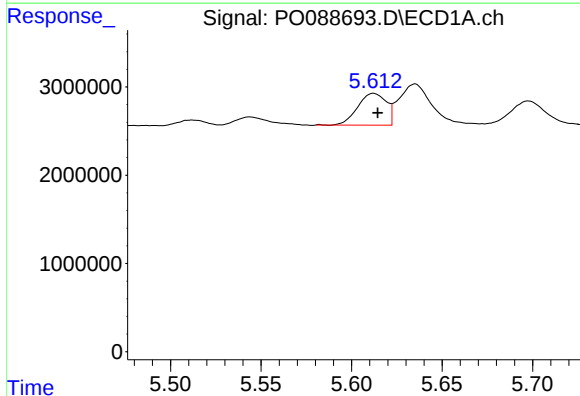
R.T.: 5.889 min
Delta R.T.: -0.002 min
Response: 2544996
Conc: 123.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



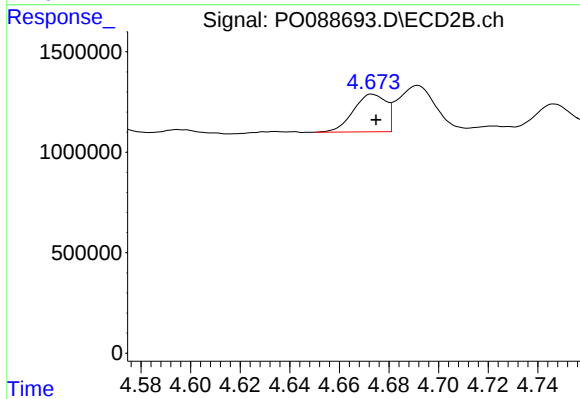
#15 AR-1232-5

R.T.: 5.121 min
Delta R.T.: -0.003 min
Response: 1700409
Conc: 126.39 ng/ml



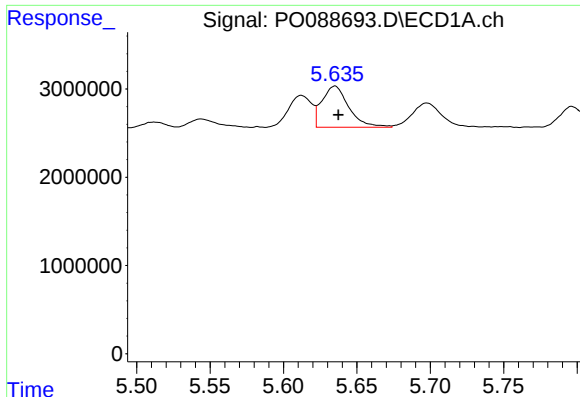
#16 AR-1242-1

R.T.: 5.612 min
Delta R.T.: -0.002 min
Response: 3960877
Conc: 58.93 ng/ml



#16 AR-1242-1

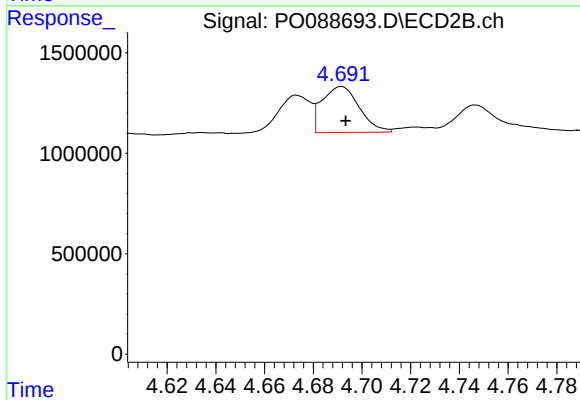
R.T.: 4.673 min
Delta R.T.: -0.001 min
Response: 1716099
Conc: 55.97 ng/ml



#17 AR-1242-2

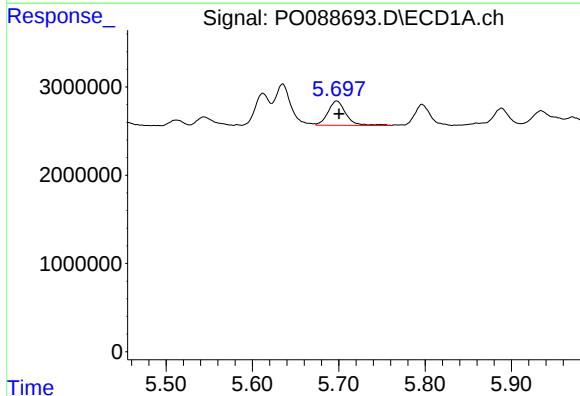
R.T.: 5.635 min
Delta R.T.: -0.002 min
Response: 5947683
Conc: 61.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



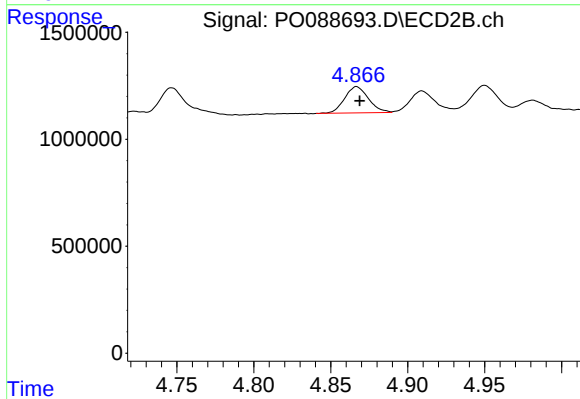
#17 AR-1242-2

R.T.: 4.692 min
Delta R.T.: -0.002 min
Response: 2429517
Conc: 56.39 ng/ml



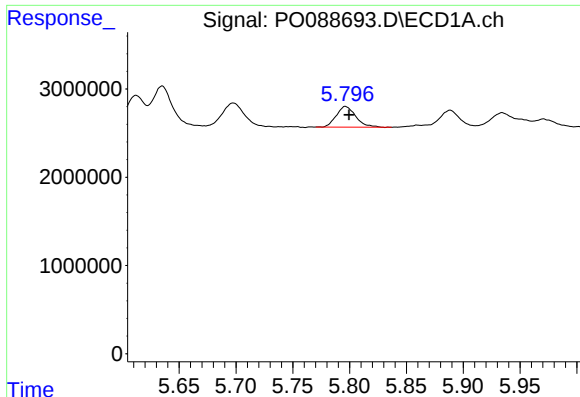
#18 AR-1242-3

R.T.: 5.698 min
Delta R.T.: -0.003 min
Response: 3980912
Conc: 65.96 ng/ml



#18 AR-1242-3

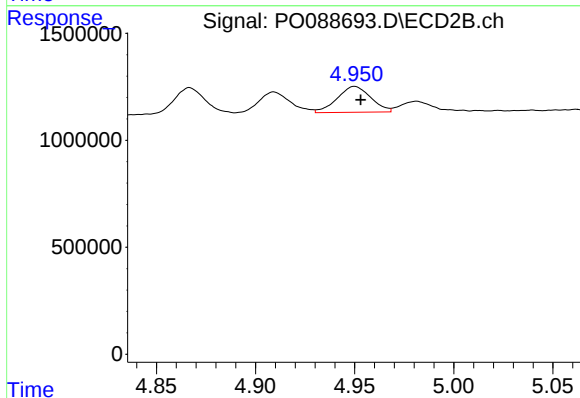
R.T.: 4.867 min
Delta R.T.: -0.002 min
Response: 1319761
Conc: 54.97 ng/ml



#19 AR-1242-4

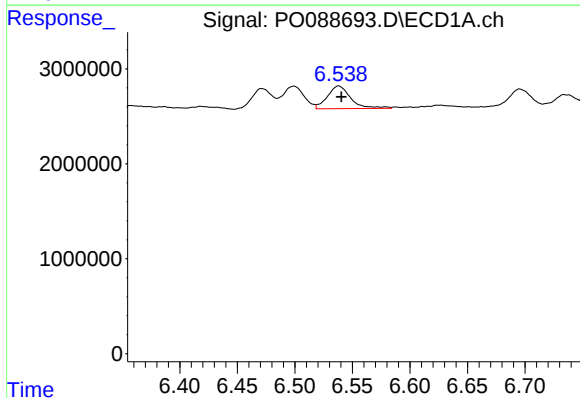
R.T.: 5.796 min
Delta R.T.: -0.003 min
Response: 2781284
Conc: 57.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



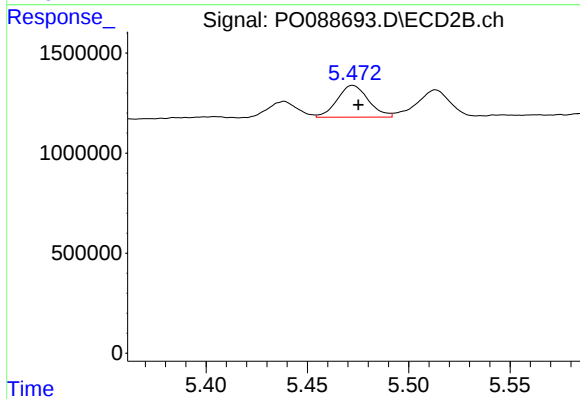
#19 AR-1242-4

R.T.: 4.950 min
Delta R.T.: -0.003 min
Response: 1427659
Conc: 56.62 ng/ml



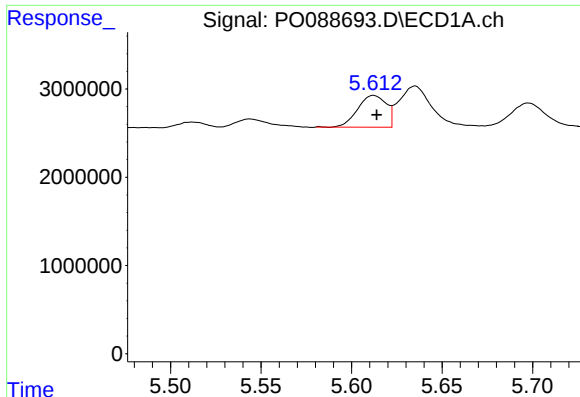
#20 AR-1242-5

R.T.: 6.538 min
Delta R.T.: -0.002 min
Response: 3379614
Conc: 65.12 ng/ml



#20 AR-1242-5

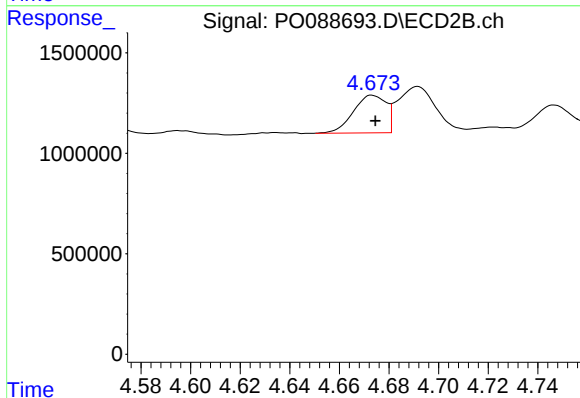
R.T.: 5.472 min
Delta R.T.: -0.003 min
Response: 1708982
Conc: 53.68 ng/ml



#21 AR-1248-1

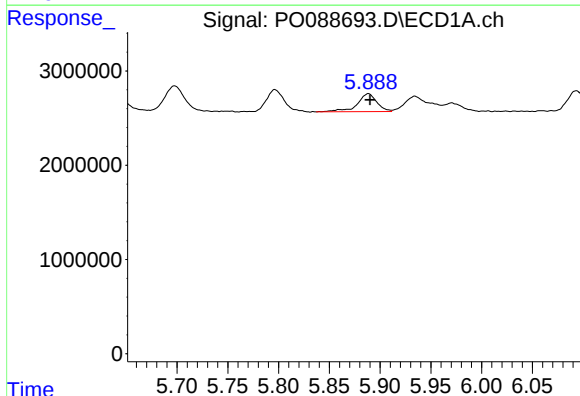
R.T.: 5.612 min
Delta R.T.: -0.002 min
Response: 3960877
Conc: 76.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



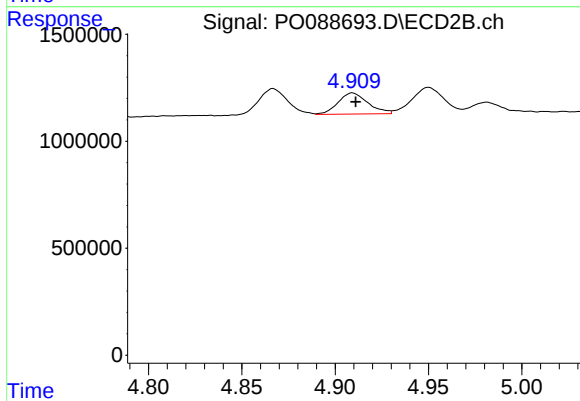
#21 AR-1248-1

R.T.: 4.673 min
Delta R.T.: -0.001 min
Response: 1716099
Conc: 73.09 ng/ml



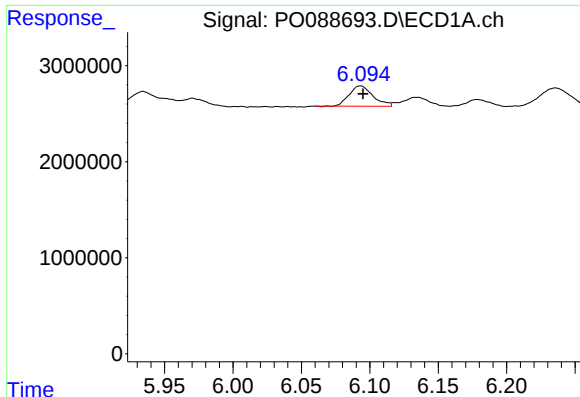
#22 AR-1248-2

R.T.: 5.889 min
Delta R.T.: -0.002 min
Response: 2544996
Conc: 33.15 ng/ml



#22 AR-1248-2

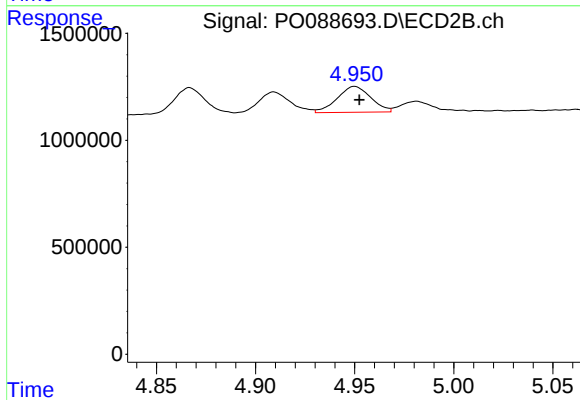
R.T.: 4.909 min
Delta R.T.: -0.002 min
Response: 1100802
Conc: 30.67 ng/ml



#23 AR-1248-3

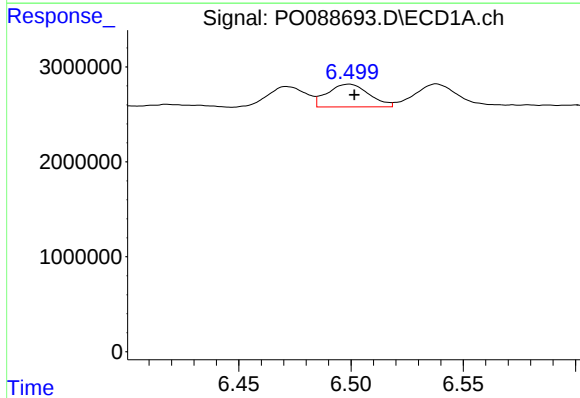
R.T.: 6.093 min
Delta R.T.: -0.002 min
Response: 2574103
Conc: 31.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



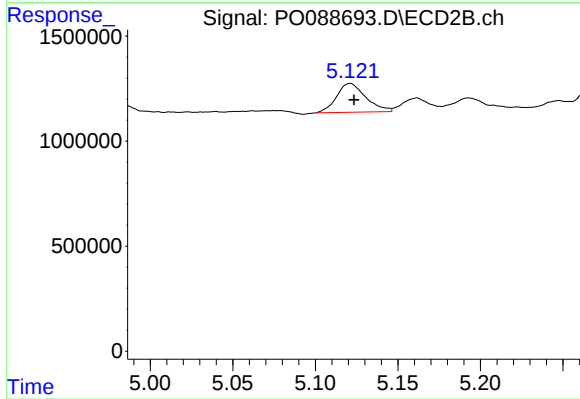
#23 AR-1248-3

R.T.: 4.950 min
Delta R.T.: -0.002 min
Response: 1427659
Conc: 37.49 ng/ml



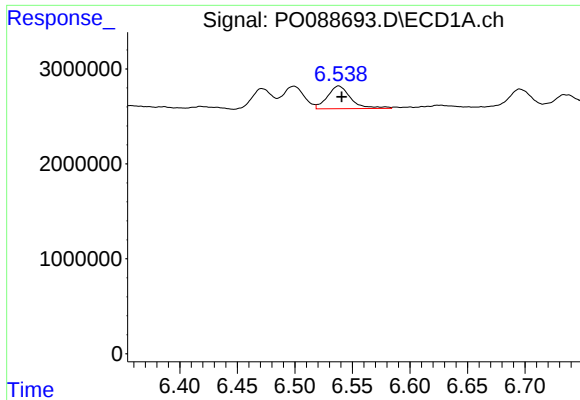
#24 AR-1248-4

R.T.: 6.499 min
Delta R.T.: -0.002 min
Response: 3091783
Conc: 34.43 ng/ml



#24 AR-1248-4

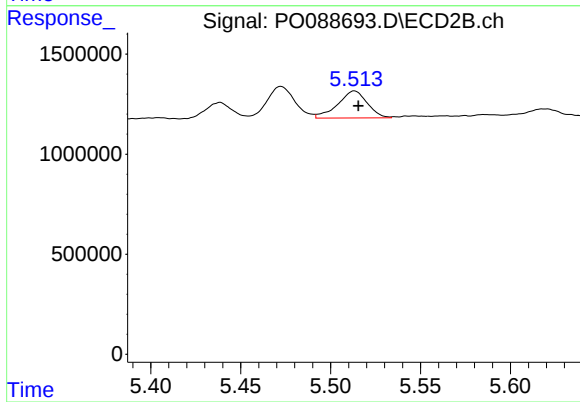
R.T.: 5.121 min
Delta R.T.: -0.002 min
Response: 1700409
Conc: 37.03 ng/ml



#25 AR-1248-5

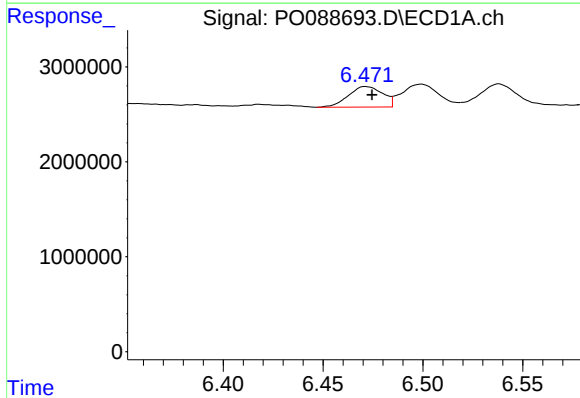
R.T.: 6.538 min
Delta R.T.: -0.003 min
Response: 3379614
Conc: 38.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



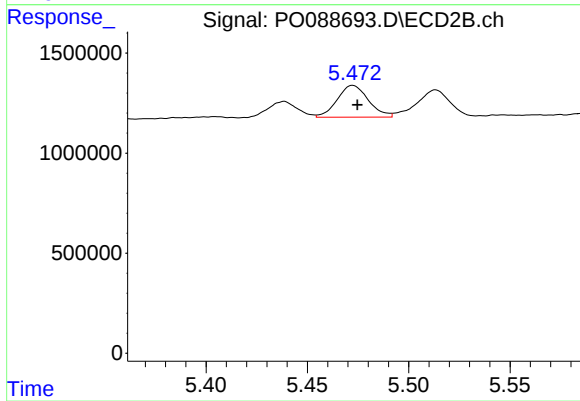
#25 AR-1248-5

R.T.: 5.513 min
Delta R.T.: -0.002 min
Response: 1541371
Conc: 35.30 ng/ml



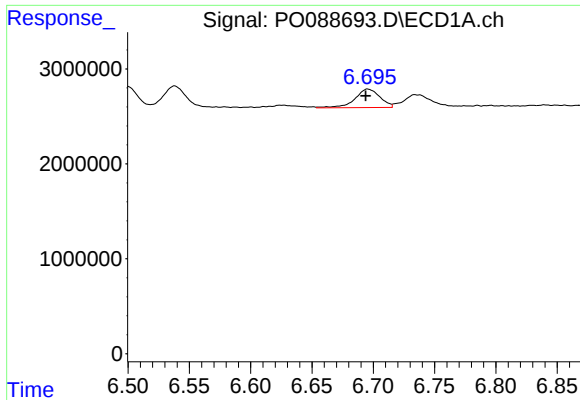
#26 AR-1254-1

R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 2598394
Conc: 28.45 ng/ml



#26 AR-1254-1

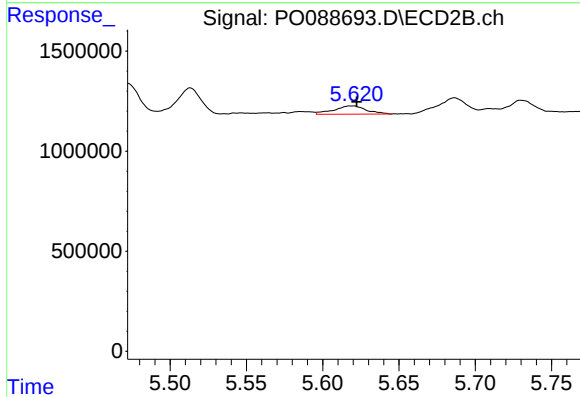
R.T.: 5.472 min
Delta R.T.: -0.002 min
Response: 1708982
Conc: 24.81 ng/ml



#27 AR-1254-2

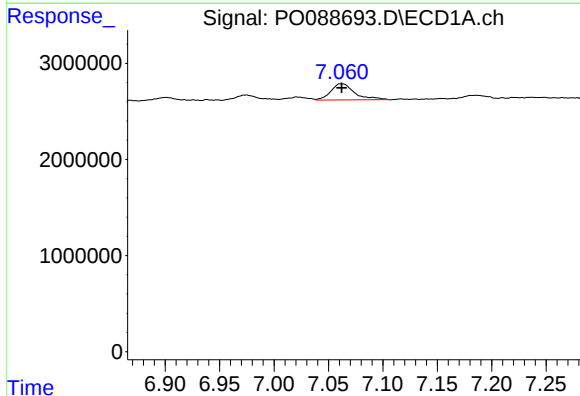
R.T.: 6.696 min
Delta R.T.: 0.002 min
Response: 2783233
Conc: 20.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



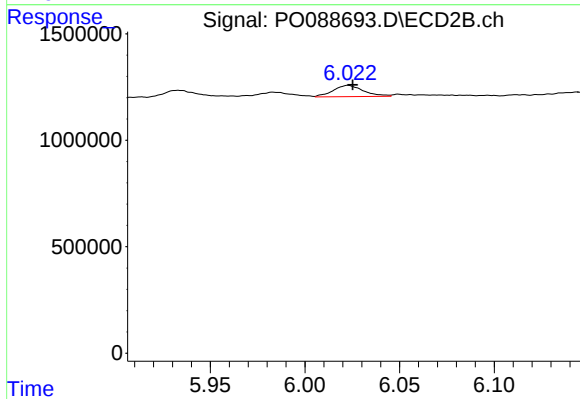
#27 AR-1254-2

R.T.: 5.619 min
Delta R.T.: -0.003 min
Response: 613870
Conc: 10.37 ng/ml



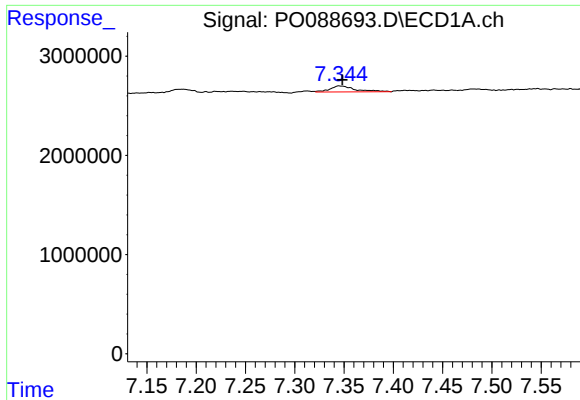
#28 AR-1254-3

R.T.: 7.062 min
Delta R.T.: 0.000 min
Response: 2583391
Conc: 18.36 ng/ml



#28 AR-1254-3

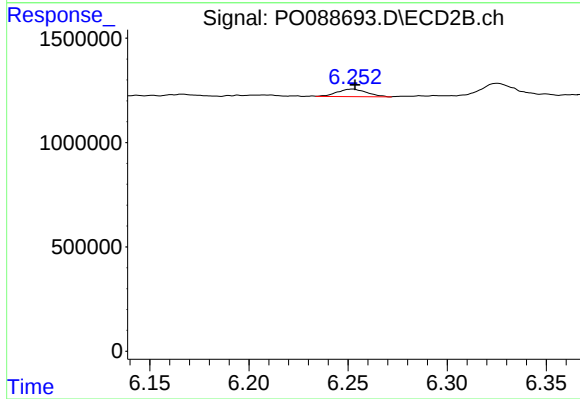
R.T.: 6.023 min
Delta R.T.: -0.002 min
Response: 590872
Conc: 6.35 ng/ml



#29 AR-1254-4

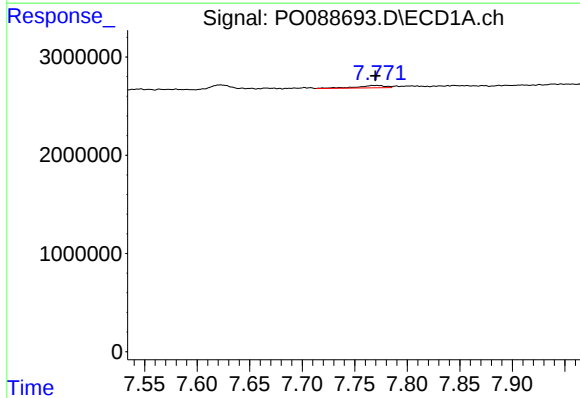
R.T.: 7.345 min
Delta R.T.: -0.003 min
Response: 1102085
Conc: 10.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



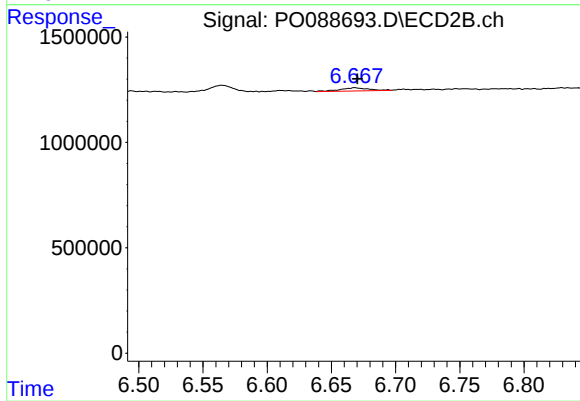
#29 AR-1254-4

R.T.: 6.252 min
Delta R.T.: -0.001 min
Response: 377063
Conc: 6.66 ng/ml



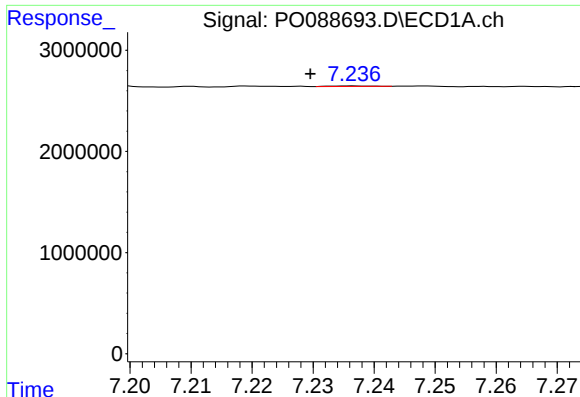
#30 AR-1254-5

R.T.: 7.771 min
Delta R.T.: 0.001 min
Response: 479790
Conc: 4.51 ng/ml



#30 AR-1254-5

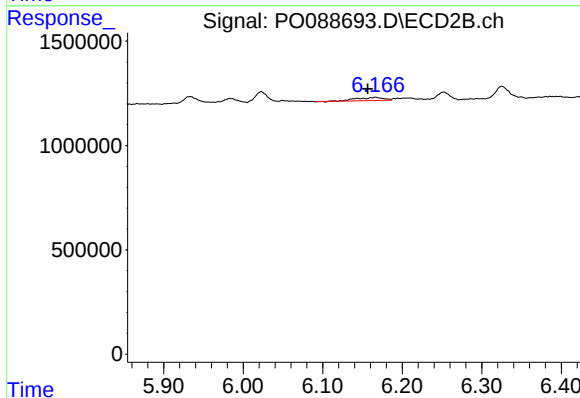
R.T.: 6.668 min
Delta R.T.: -0.002 min
Response: 233708
Conc: 2.86 ng/ml



#31 AR-1260-1

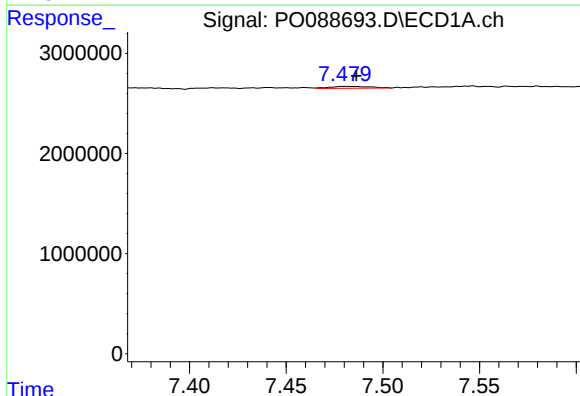
R.T.: 7.237 min
Delta R.T.: 0.007 min
Response: 24319
Conc: 0.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



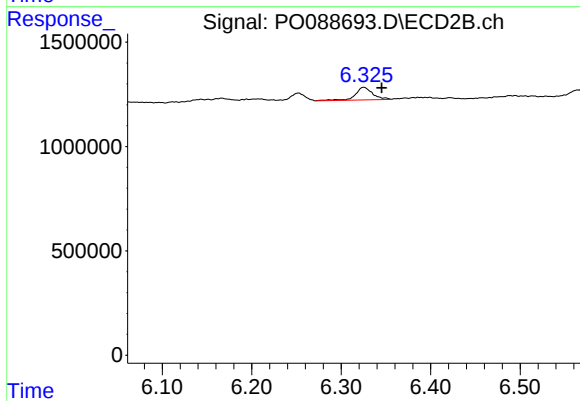
#31 AR-1260-1

R.T.: 6.167 min
Delta R.T.: 0.010 min
Response: 353487
Conc: 5.56 ng/ml



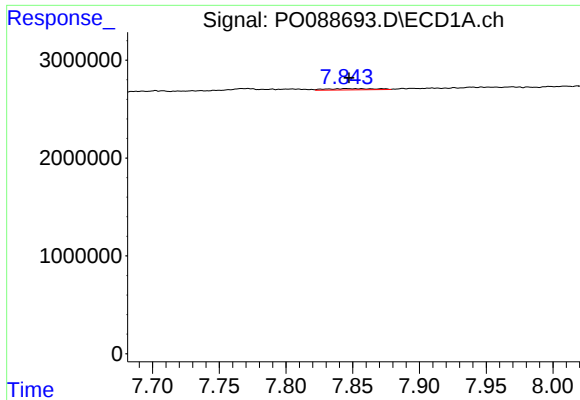
#32 AR-1260-2

R.T.: 7.481 min
Delta R.T.: -0.005 min
Response: 279887
Conc: 2.37 ng/ml



#32 AR-1260-2

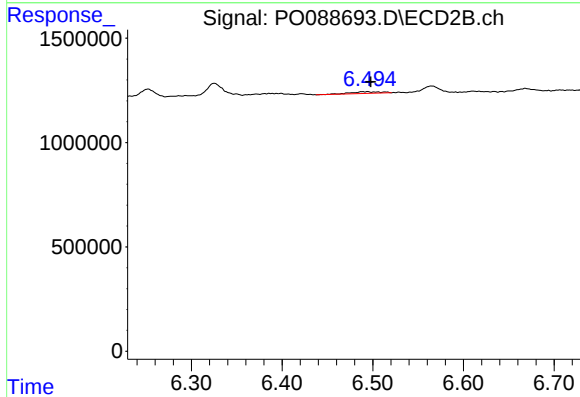
R.T.: 6.325 min
Delta R.T.: -0.020 min
Response: 810004
Conc: 10.57 ng/ml



#33 AR-1260-3

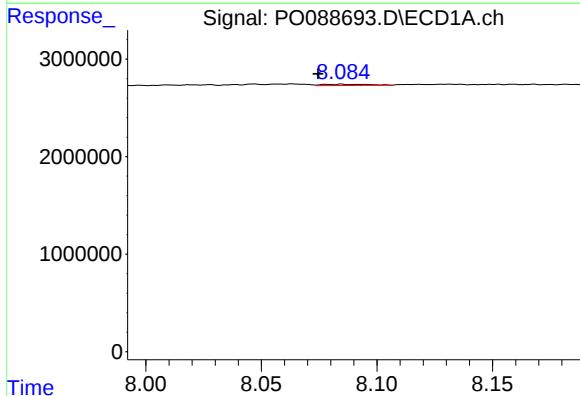
R.T.: 7.845 min
Delta R.T.: -0.002 min
Response: 312292
Conc: 3.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



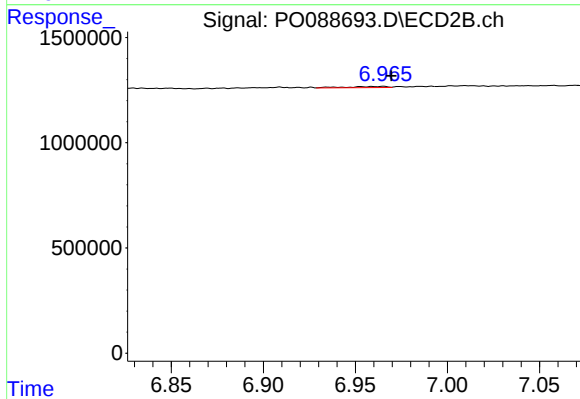
#33 AR-1260-3

R.T.: 6.494 min
Delta R.T.: -0.003 min
Response: 190948
Conc: 2.66 ng/ml



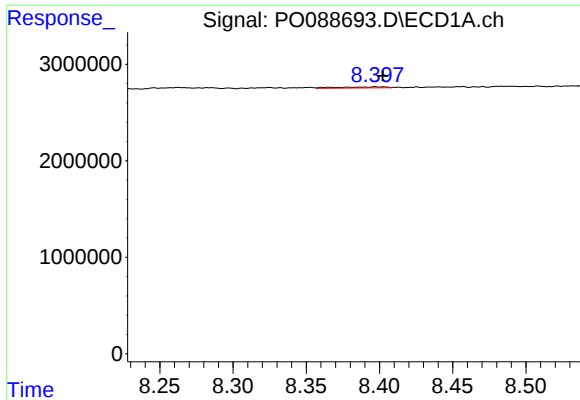
#34 AR-1260-4

R.T.: 8.085 min
Delta R.T.: 0.010 min
Response: 182193
Conc: 1.86 ng/ml



#34 AR-1260-4

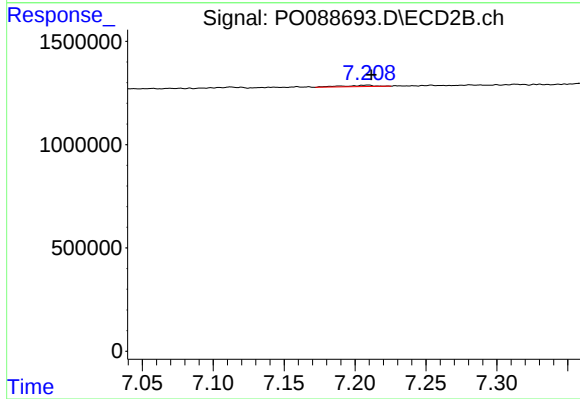
R.T.: 6.965 min
Delta R.T.: -0.004 min
Response: 80978
Conc: 1.33 ng/ml



#35 AR-1260-5

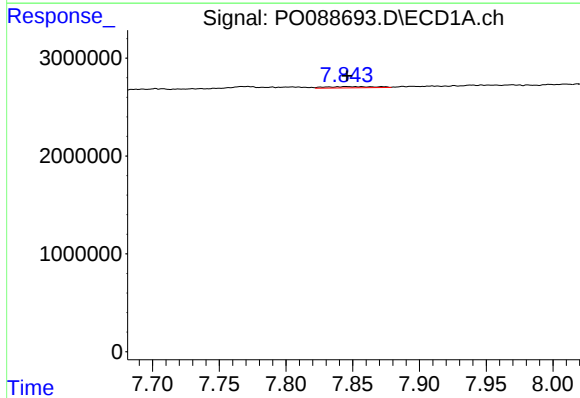
R.T.: 8.397 min
Delta R.T.: -0.005 min
Response: 251945
Conc: 1.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



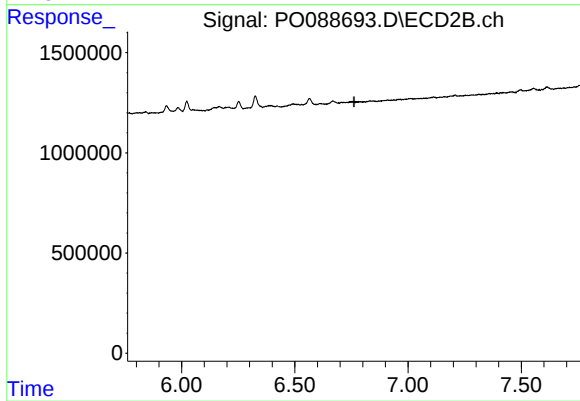
#35 AR-1260-5

R.T.: 7.209 min
Delta R.T.: -0.003 min
Response: 105332
Conc: 0.75 ng/ml



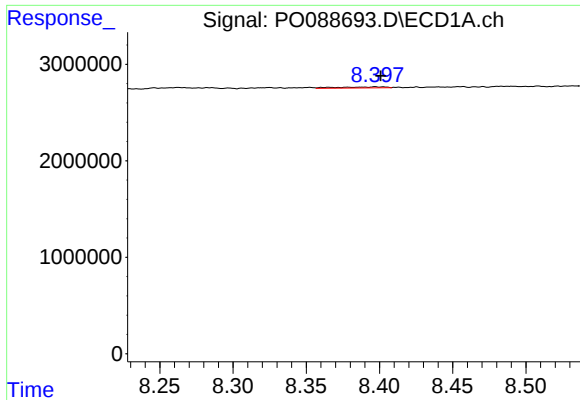
#36 AR-1262-1

R.T.: 7.845 min
Delta R.T.: 0.000 min
Response: 312292
Conc: 2.46 ng/ml



#36 AR-1262-1

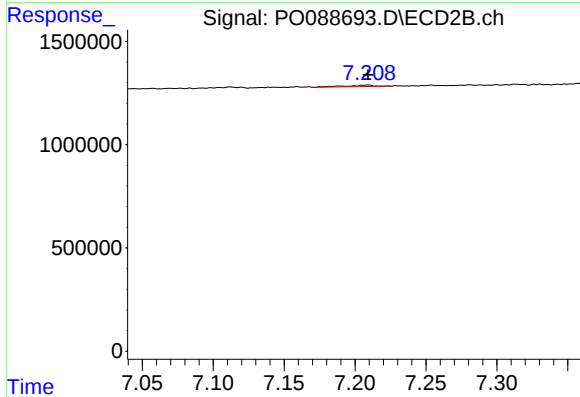
R.T.: 0.000 min
Exp R.T.: 6.761 min
Response: 0
Conc: N.D.



#37 AR-1262-2

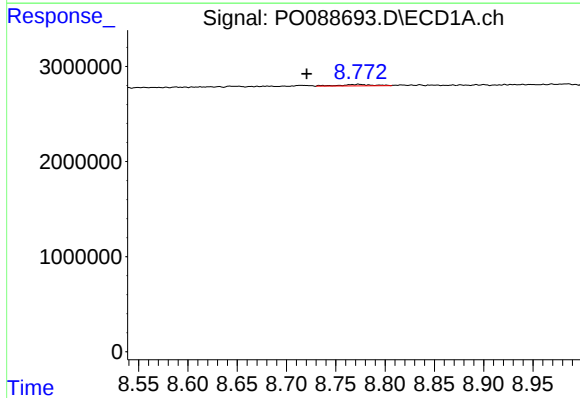
R.T.: 8.397 min
Delta R.T.: -0.004 min
Response: 251945
Conc: 1.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



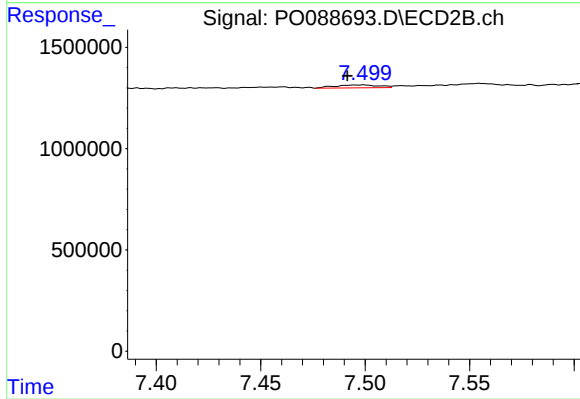
#37 AR-1262-2

R.T.: 7.209 min
Delta R.T.: 0.000 min
Response: 105332
Conc: 0.69 ng/ml



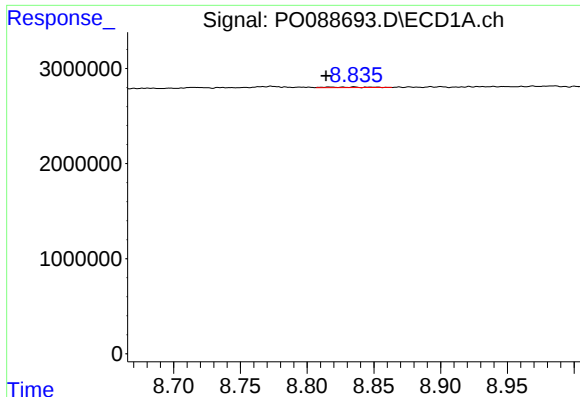
#38 AR-1262-3

R.T.: 8.773 min
Delta R.T.: 0.053 min
Response: 363165
Conc: 4.03 ng/ml



#38 AR-1262-3

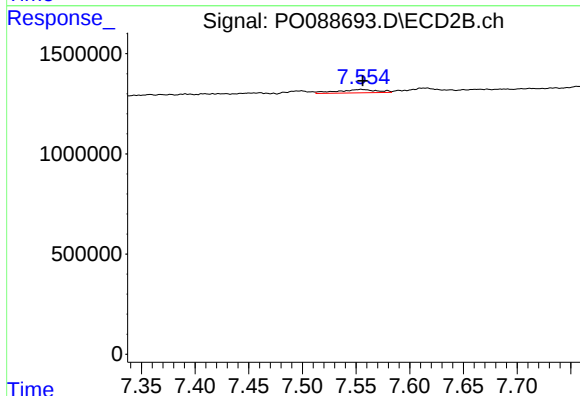
R.T.: 7.499 min
Delta R.T.: 0.008 min
Response: 209560
Conc: 3.40 ng/ml



#39 AR-1262-4

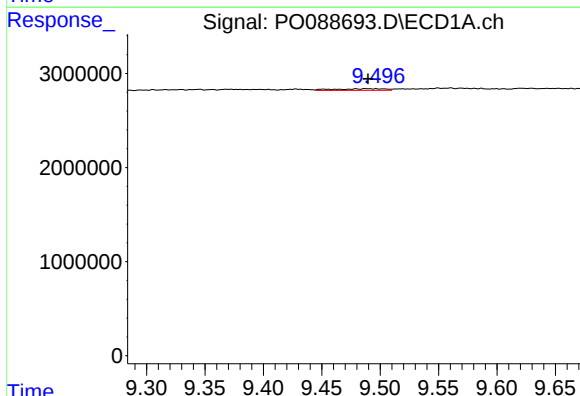
R.T.: 8.835 min
Delta R.T.: 0.020 min
Response: 125495
Conc: 1.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



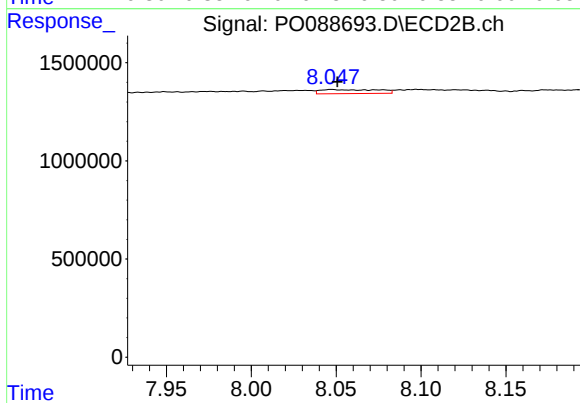
#39 AR-1262-4

R.T.: 7.555 min
Delta R.T.: -0.001 min
Response: 444816
Conc: 3.91 ng/ml



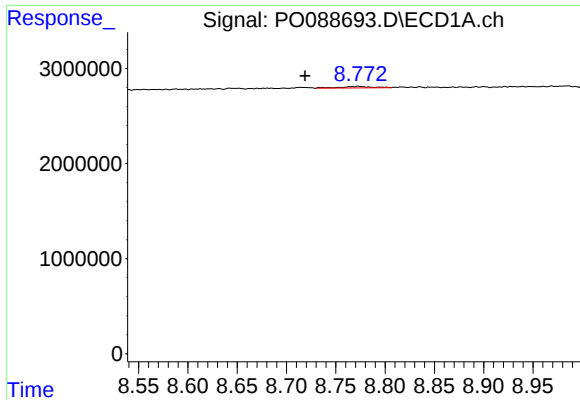
#40 AR-1262-5

R.T.: 9.489 min
Delta R.T.: 0.000 min
Response: 520498
Conc: 6.49 ng/ml



#40 AR-1262-5

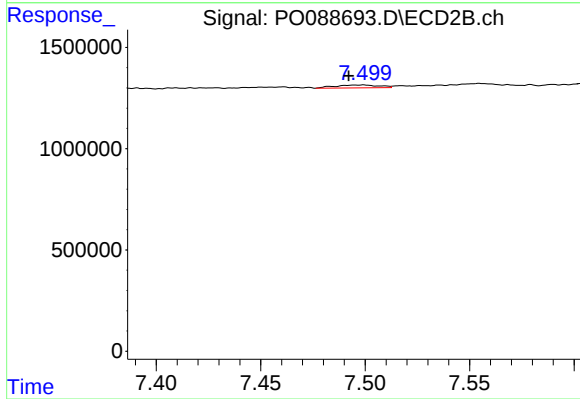
R.T.: 8.047 min
Delta R.T.: -0.003 min
Response: 488879
Conc: 9.11 ng/ml



#41 AR-1268-1

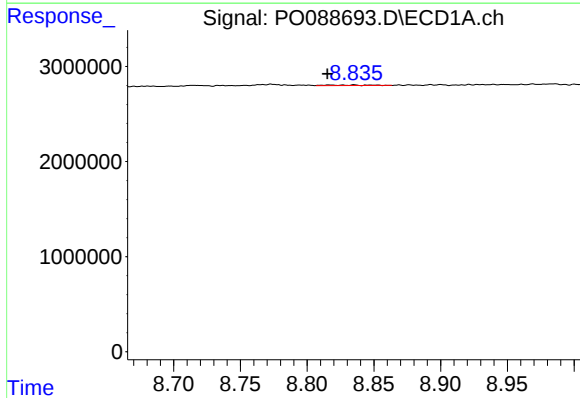
R.T.: 8.773 min
Delta R.T.: 0.054 min
Response: 363165
Conc: 1.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



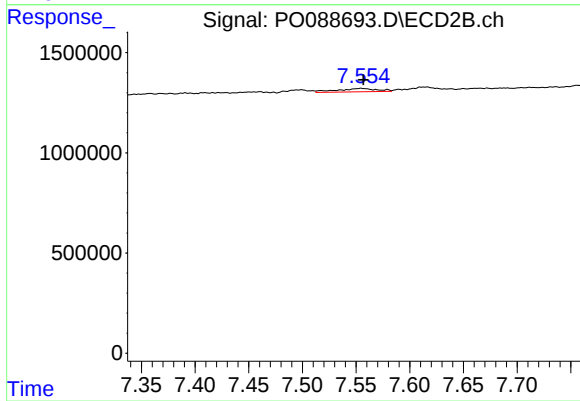
#41 AR-1268-1

R.T.: 7.499 min
Delta R.T.: 0.007 min
Response: 209560
Conc: 1.18 ng/ml



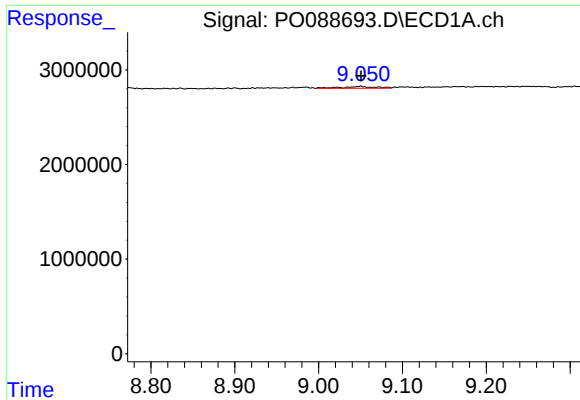
#42 AR-1268-2

R.T.: 8.835 min
Delta R.T.: 0.020 min
Response: 125495
Conc: 0.55 ng/ml



#42 AR-1268-2

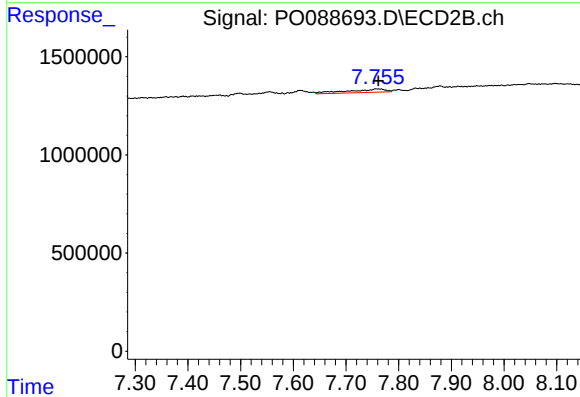
R.T.: 7.555 min
Delta R.T.: -0.002 min
Response: 444816
Conc: 2.77 ng/ml



#43 AR-1268-3

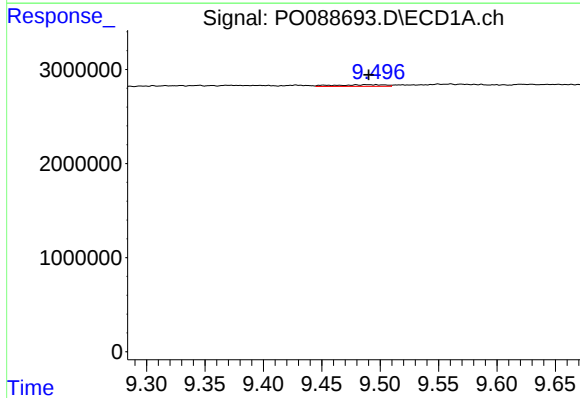
R.T.: 9.050 min
Delta R.T.: 0.000 min
Response: 540508
Conc: 2.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



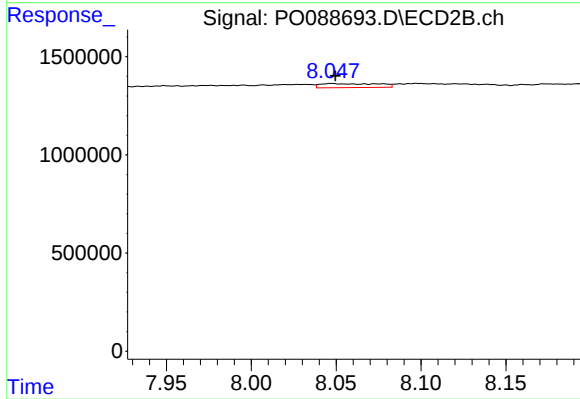
#43 AR-1268-3

R.T.: 7.762 min
Delta R.T.: 0.000 min
Response: 833083
Conc: 6.04 ng/ml



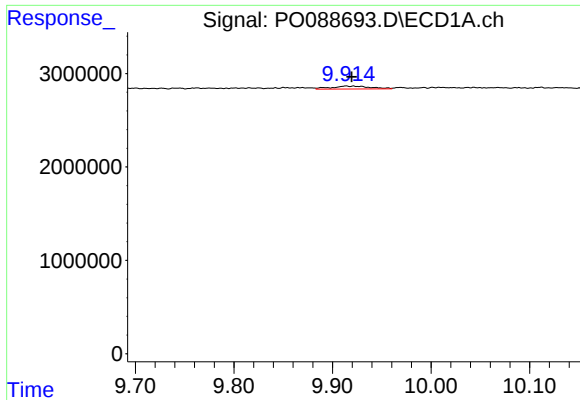
#44 AR-1268-4

R.T.: 9.489 min
Delta R.T.: 0.000 min
Response: 520498
Conc: 5.98 ng/ml



#44 AR-1268-4

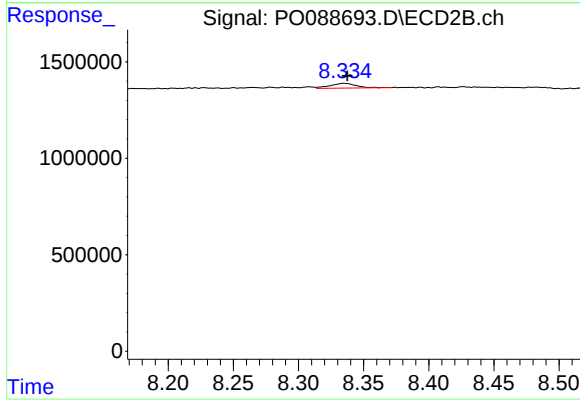
R.T.: 8.047 min
Delta R.T.: -0.002 min
Response: 488879
Conc: 8.45 ng/ml



#45 AR-1268-5

R.T.: 9.914 min
Delta R.T.: -0.005 min
Response: 859087
Conc: 1.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.335 min
Delta R.T.: -0.003 min
Response: 337409
Conc: 0.83 ng/ml