

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0080522\
 Data File : P0088662.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2022 10:31
 Operator : YP/AJ
 Sample : N4045-04
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 14:28:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\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...	4.435	3.594	62941564	21201736	23.335	19.590
2) SA Decachlor...	10.275	8.587	45428759	27022358	23.542	22.297
Target Compounds						
3) L1 AR-1016-1	5.610	4.671	1265134	295474	15.694	7.928 #
4) L1 AR-1016-2	5.639	4.690	912557	202724	7.912	3.888 #
5) L1 AR-1016-3	5.696	4.869	656261	174956	9.081	5.980 #
6) L1 AR-1016-4	5.798	4.908	287453	7662442	5.014	317.648 #
7) L1 AR-1016-5	6.093	5.120	9312070	4262143	162.340	130.680
8) L2 AR-1221-1	4.647	3.826	5817334	1618549	187.675	135.252 #
9) L2 AR-1221-2	4.721	3.908	6938999	2800581	300.130	310.070
10) L2 AR-1221-3	4.822	3.971	3535574	1404148	50.381	49.411
11) L3 AR-1232-1	4.822	3.971	3535574	1404148	63.648	62.013
12) L3 AR-1232-2	5.156	4.690	10367486	202724	373.930	8.780 #
13) L3 AR-1232-3	5.639	4.869	912557	174956	17.889	14.237
14) L3 AR-1232-4	5.798	4.949	287453	2239306	11.493	189.991 #
15) L3 AR-1232-5	5.888	5.120	16632911	4262143	808.175	316.792 #
16) L4 AR-1242-1	5.610	4.671	1265134	295474	18.824	9.637 #
17) L4 AR-1242-2	5.639	4.690	912557	202724	9.456	4.705 #
18) L4 AR-1242-3	5.696	4.869	656261	174956	10.873	7.287 #
19) L4 AR-1242-4	5.798	4.949	287453	2239306	5.963	88.816 #
20) L4 AR-1242-5	6.542	5.472	6982870	6499393	134.551	204.133 #
21) L5 AR-1248-1	5.610	4.671	1265134	295474	24.522	12.584 #
22) L5 AR-1248-2	5.888	4.908	16632911	7662442	216.665	213.503
23) L5 AR-1248-3	6.093	4.949	9312070	2239306	112.738	58.811 #
24) L5 AR-1248-4	6.499	5.120	5434328	4262143	60.511	92.812 #
25) L5 AR-1248-5	6.542	5.513	6982870	350574	78.776	8.029 #
26) L6 AR-1254-1	6.473	5.472	18905450	6499393	206.963	94.366 #
27) L6 AR-1254-2	6.694	5.620	12835398	2133236	93.858	36.022 #
28) L6 AR-1254-3	7.062	6.023	8578210	1800035	60.957	19.358 #
29) L6 AR-1254-4	7.348	6.251	3760017	992014	37.211	17.511 #
30) L6 AR-1254-5	7.771	6.667	1696589	593530	15.932	7.271 #
31) L7 AR-1260-1	7.226	6.153	3726744	851573	36.061	13.399 #
32) L7 AR-1260-2	7.484	6.327	2709852	1162964	22.926	15.177 #
33) L7 AR-1260-3	7.846	6.491	217974	339928	2.481	4.732 #
34) L7 AR-1260-4	8.050	6.955	1068349	309642	10.908	5.074 #
35) L7 AR-1260-5	8.402	7.182	396086	501569	2.150	3.556 #
36) L8 AR-1262-1	7.846	6.809f	217974	931441	1.720	26.601 #
37) L8 AR-1262-2	8.402	7.182	396086	501569	1.887	3.274 #
38) L8 AR-1262-3	8.719	7.497	134481	187819	1.492	3.045 #
39) L8 AR-1262-4	8.816	7.547	488853	279117	7.416	2.451 #
40) L8 AR-1262-5	9.486	8.074	215510	441418	2.688	8.222 #
41) L9 AR-1268-1	8.719	7.497	134481	187819	0.542	1.061 #

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 Operator : YP/AJ
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 ALS Vial : 44 Sample Multiplier: 1

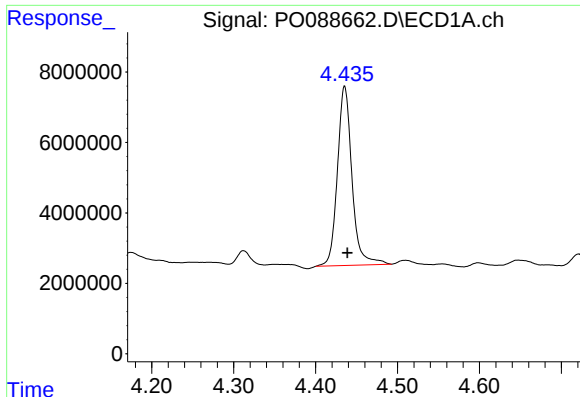
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 14:28:40 2022
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.816	7.547	488853	279117	2.149	1.739
43) L9	AR-1268-3	9.049	7.760	120414	318451	0.614	2.308 #
44) L9	AR-1268-4	9.486	8.074	215510	441418	2.475	7.627 #
45) L9	AR-1268-5	9.924	8.338	474040	240301	0.758	0.589

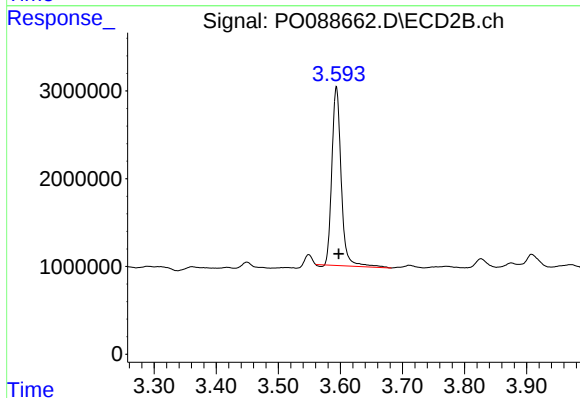
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

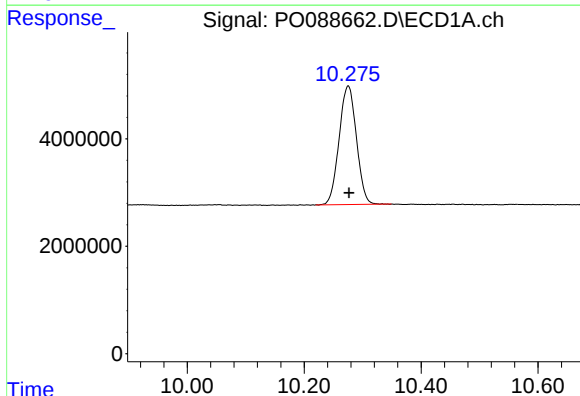
R.T.: 4.435 min
Delta R.T.: -0.004 min
Response: 62941564
Conc: 23.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



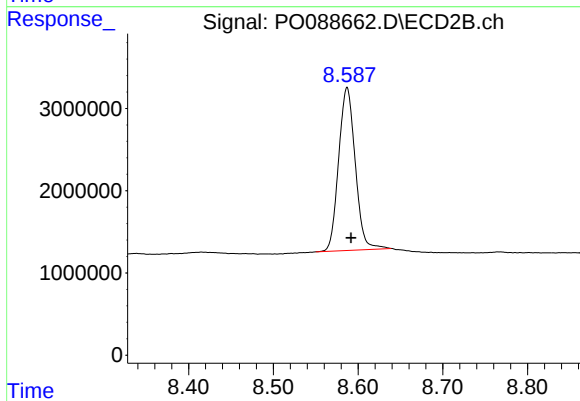
#1 Tetrachloro-m-xylene

R.T.: 3.594 min
Delta R.T.: -0.004 min
Response: 21201736
Conc: 19.59 ng/ml



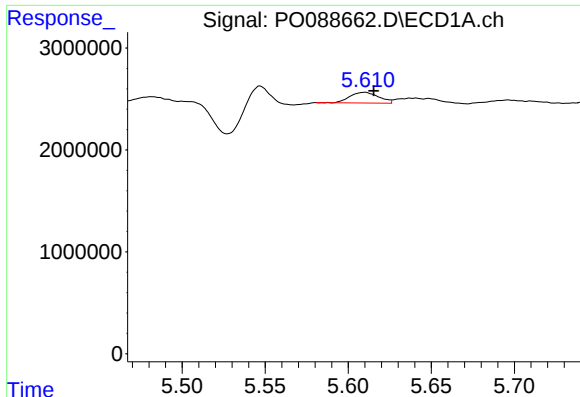
#2 Decachlorobiphenyl

R.T.: 10.275 min
Delta R.T.: -0.002 min
Response: 45428759
Conc: 23.54 ng/ml



#2 Decachlorobiphenyl

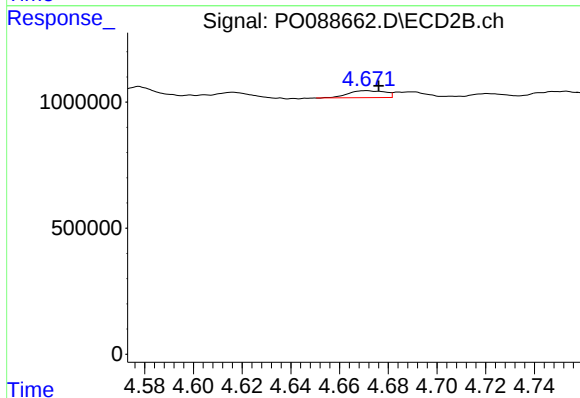
R.T.: 8.587 min
Delta R.T.: -0.005 min
Response: 27022358
Conc: 22.30 ng/ml



#3 AR-1016-1

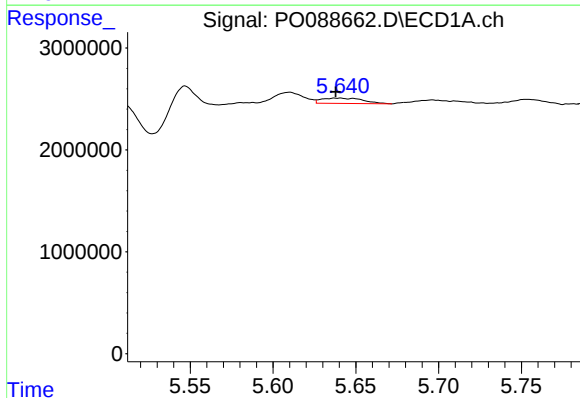
R.T.: 5.610 min
Delta R.T.: -0.005 min
Response: 1265134
Conc: 15.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



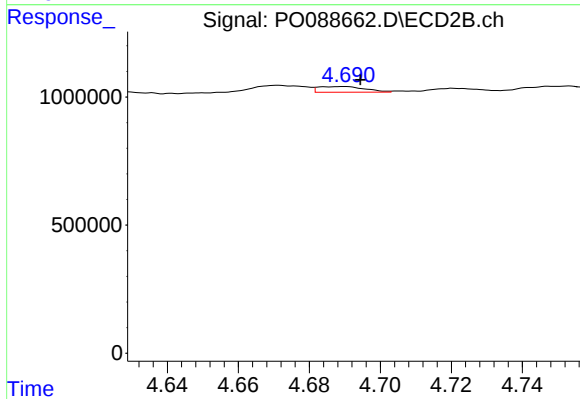
#3 AR-1016-1

R.T.: 4.671 min
Delta R.T.: -0.005 min
Response: 295474
Conc: 7.93 ng/ml



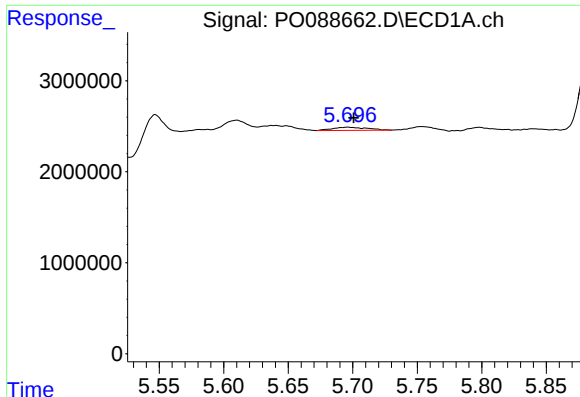
#4 AR-1016-2

R.T.: 5.639 min
Delta R.T.: 0.001 min
Response: 912557
Conc: 7.91 ng/ml



#4 AR-1016-2

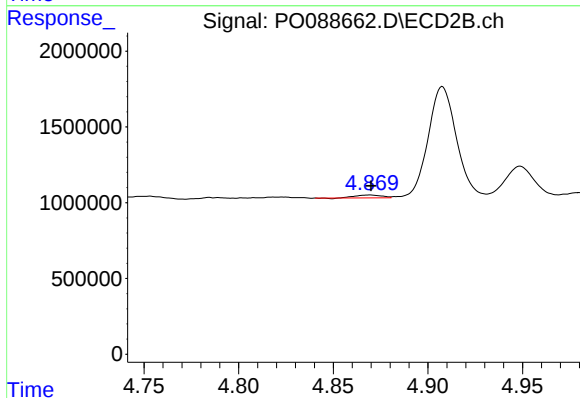
R.T.: 4.690 min
Delta R.T.: -0.005 min
Response: 202724
Conc: 3.89 ng/ml



#5 AR-1016-3

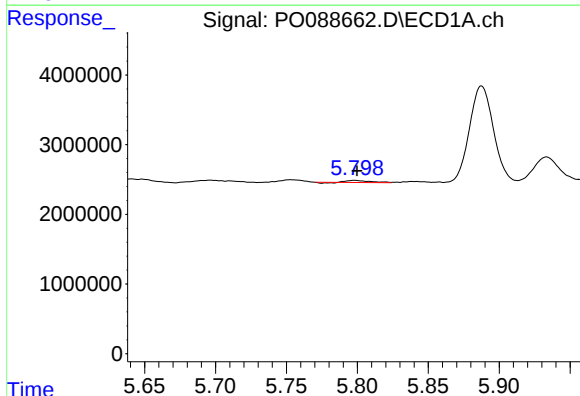
R.T.: 5.696 min
Delta R.T.: -0.004 min
Response: 656261
Conc: 9.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



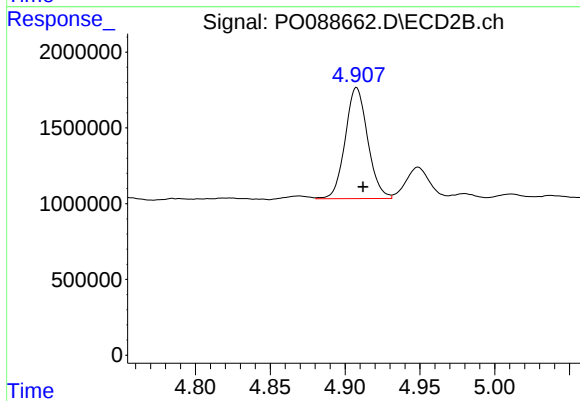
#5 AR-1016-3

R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 174956
Conc: 5.98 ng/ml



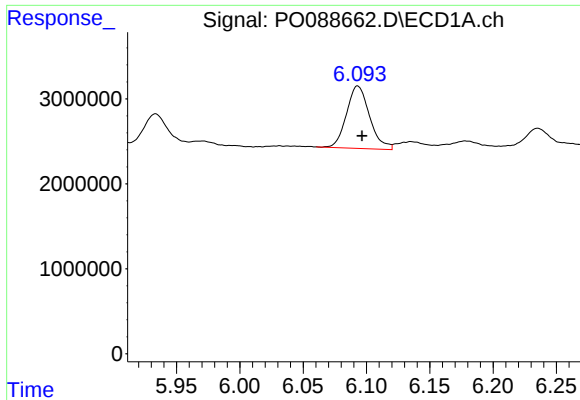
#6 AR-1016-4

R.T.: 5.798 min
Delta R.T.: -0.001 min
Response: 287453
Conc: 5.01 ng/ml



#6 AR-1016-4

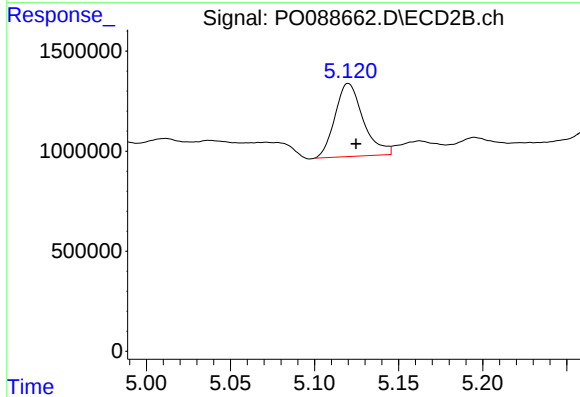
R.T.: 4.908 min
Delta R.T.: -0.004 min
Response: 7662442
Conc: 317.65 ng/ml



#7 AR-1016-5

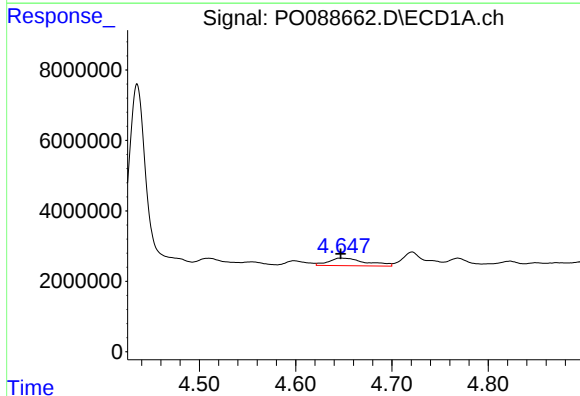
R.T.: 6.093 min
Delta R.T.: -0.004 min
Response: 9312070
Conc: 162.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



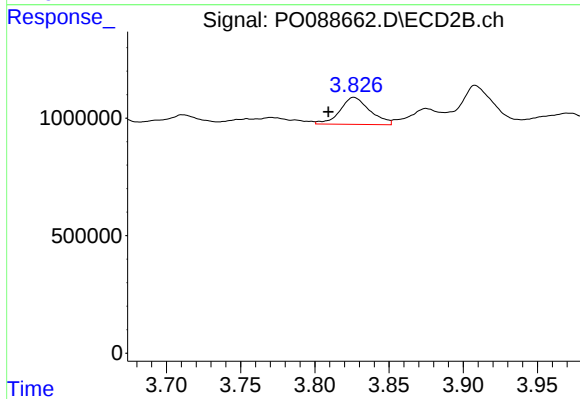
#7 AR-1016-5

R.T.: 5.120 min
Delta R.T.: -0.005 min
Response: 4262143
Conc: 130.68 ng/ml



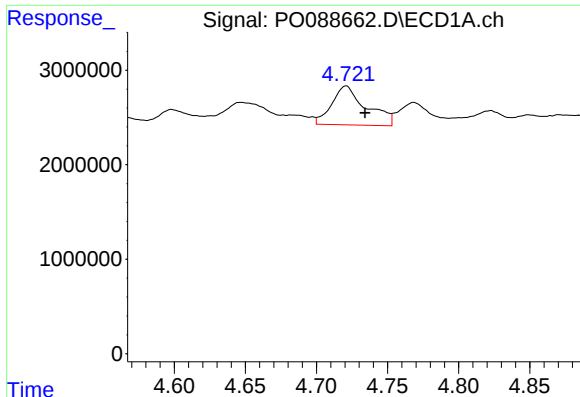
#8 AR-1221-1

R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 5817334
Conc: 187.67 ng/ml



#8 AR-1221-1

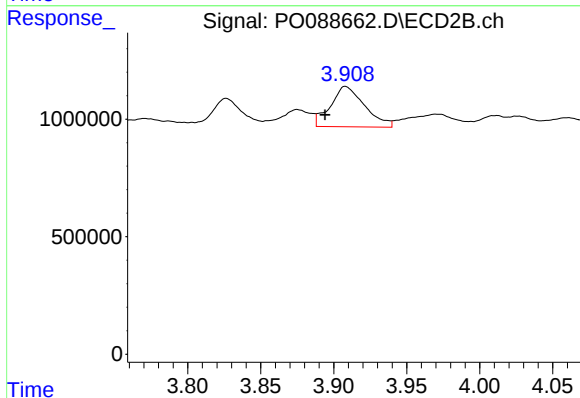
R.T.: 3.826 min
Delta R.T.: 0.017 min
Response: 1618549
Conc: 135.25 ng/ml



#9 AR-1221-2

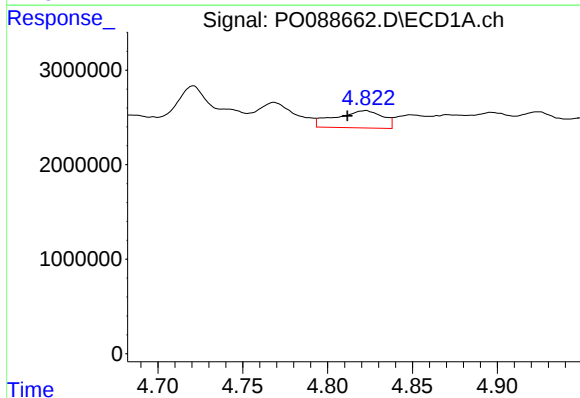
R.T.: 4.721 min
Delta R.T.: -0.013 min
Response: 6938999
Conc: 300.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



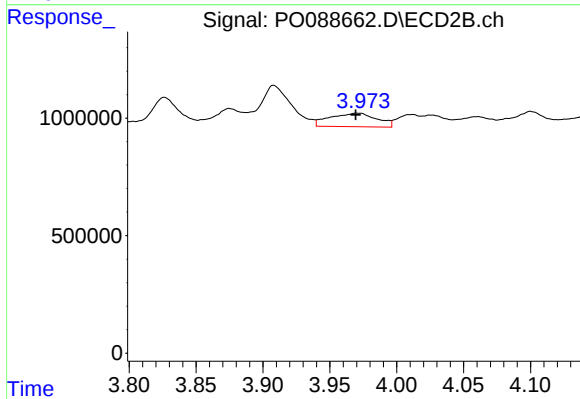
#9 AR-1221-2

R.T.: 3.908 min
Delta R.T.: 0.014 min
Response: 2800581
Conc: 310.07 ng/ml



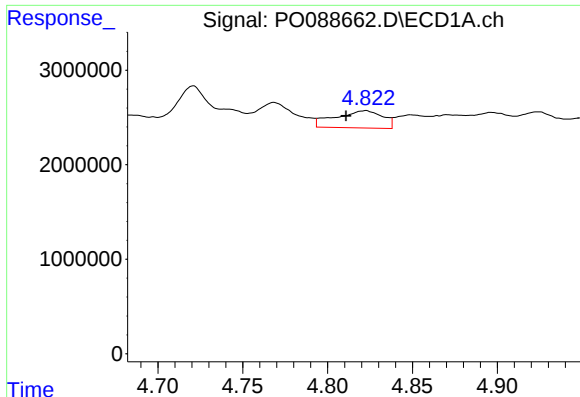
#10 AR-1221-3

R.T.: 4.822 min
Delta R.T.: 0.011 min
Response: 3535574
Conc: 50.38 ng/ml



#10 AR-1221-3

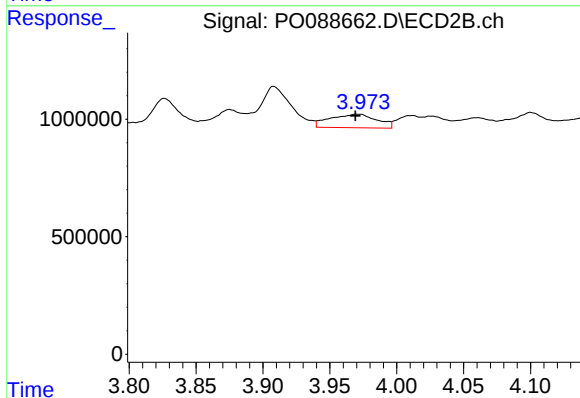
R.T.: 3.971 min
Delta R.T.: 0.001 min
Response: 1404148
Conc: 49.41 ng/ml



#11 AR-1232-1

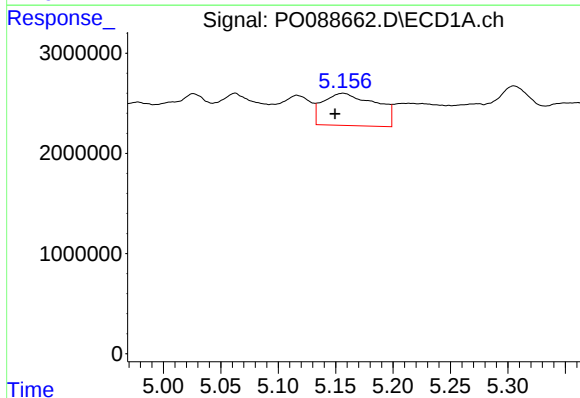
R.T.: 4.822 min
Delta R.T.: 0.011 min
Response: 3535574
Conc: 63.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



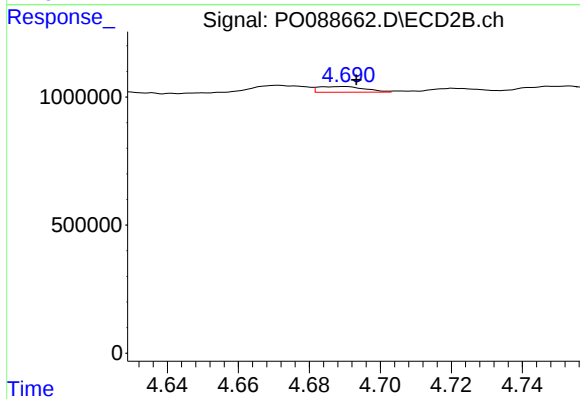
#11 AR-1232-1

R.T.: 3.971 min
Delta R.T.: 0.002 min
Response: 1404148
Conc: 62.01 ng/ml



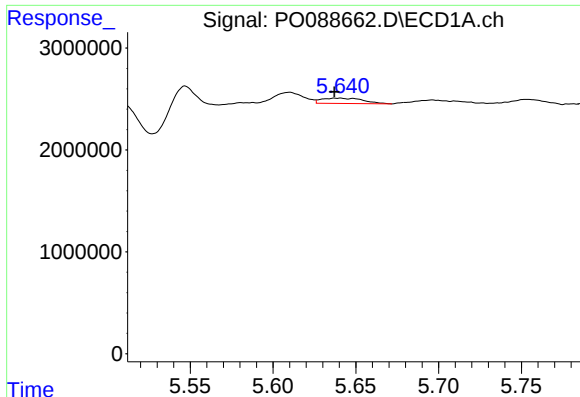
#12 AR-1232-2

R.T.: 5.156 min
Delta R.T.: 0.007 min
Response: 10367486
Conc: 373.93 ng/ml



#12 AR-1232-2

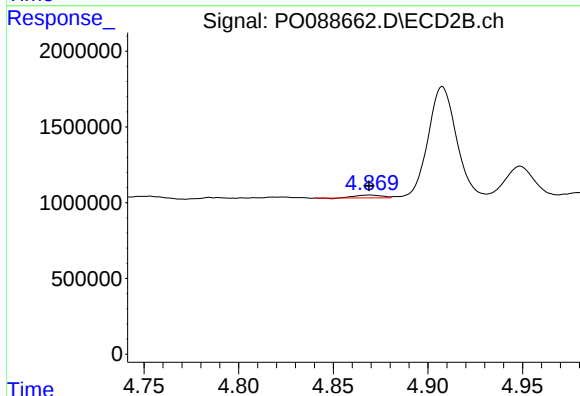
R.T.: 4.690 min
Delta R.T.: -0.004 min
Response: 202724
Conc: 8.78 ng/ml



#13 AR-1232-3

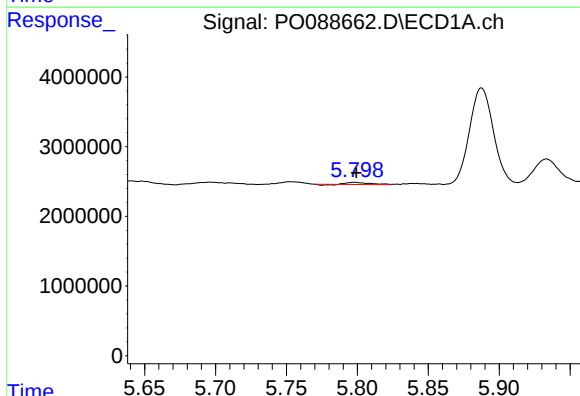
R.T.: 5.639 min
Delta R.T.: 0.002 min
Response: 912557
Conc: 17.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



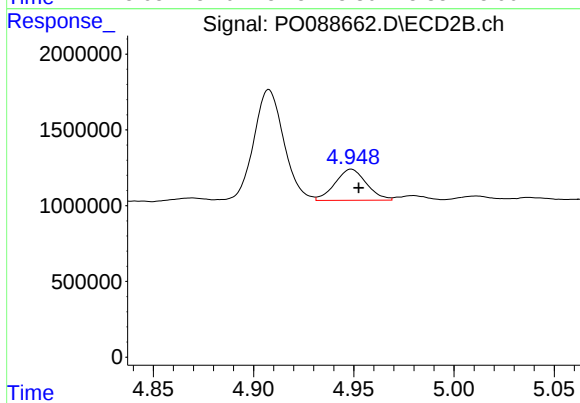
#13 AR-1232-3

R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 174956
Conc: 14.24 ng/ml



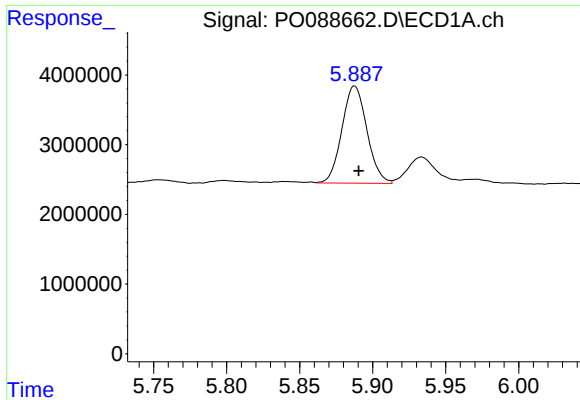
#14 AR-1232-4

R.T.: 5.798 min
Delta R.T.: -0.001 min
Response: 287453
Conc: 11.49 ng/ml



#14 AR-1232-4

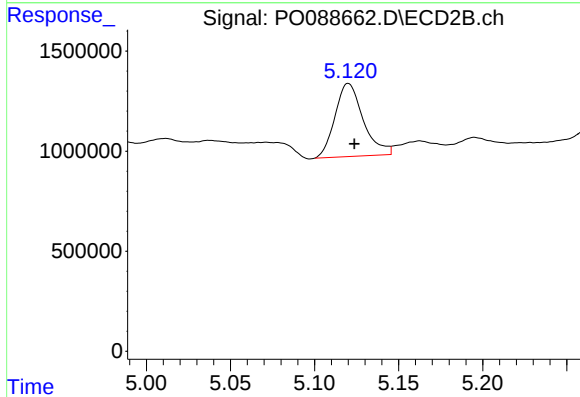
R.T.: 4.949 min
Delta R.T.: -0.004 min
Response: 2239306
Conc: 189.99 ng/ml



#15 AR-1232-5

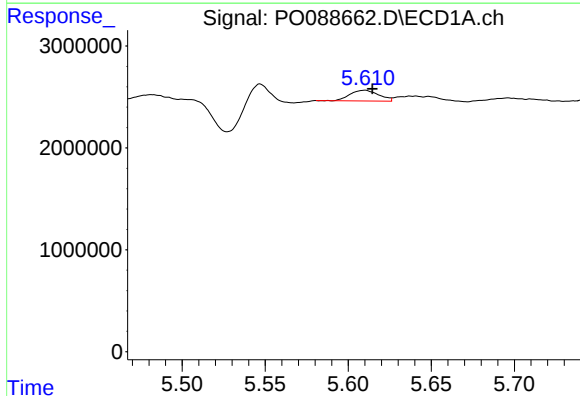
R.T.: 5.888 min
Delta R.T.: -0.003 min
Response: 16632911
Conc: 808.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



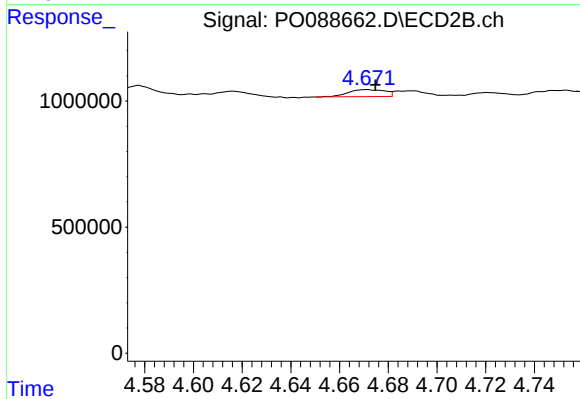
#15 AR-1232-5

R.T.: 5.120 min
Delta R.T.: -0.004 min
Response: 4262143
Conc: 316.79 ng/ml



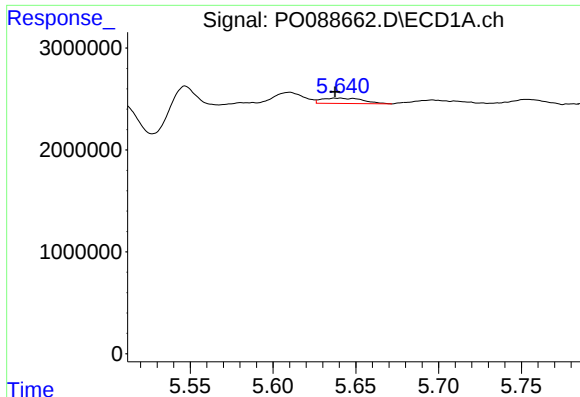
#16 AR-1242-1

R.T.: 5.610 min
Delta R.T.: -0.005 min
Response: 1265134
Conc: 18.82 ng/ml



#16 AR-1242-1

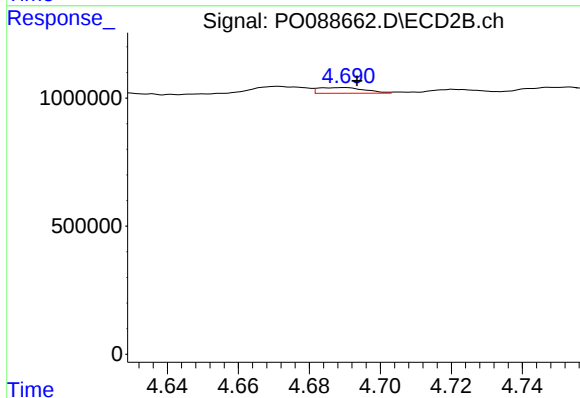
R.T.: 4.671 min
Delta R.T.: -0.004 min
Response: 295474
Conc: 9.64 ng/ml



#17 AR-1242-2

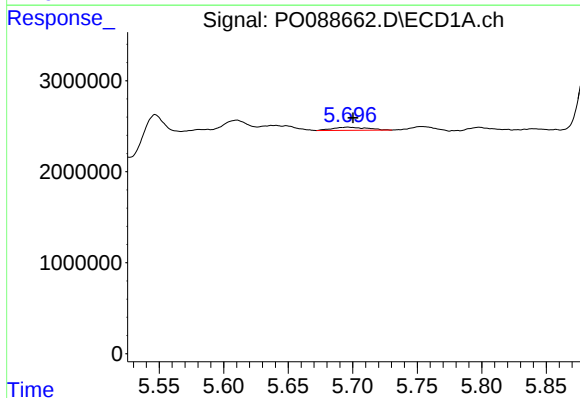
R.T.: 5.639 min
Delta R.T.: 0.002 min
Response: 912557
Conc: 9.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



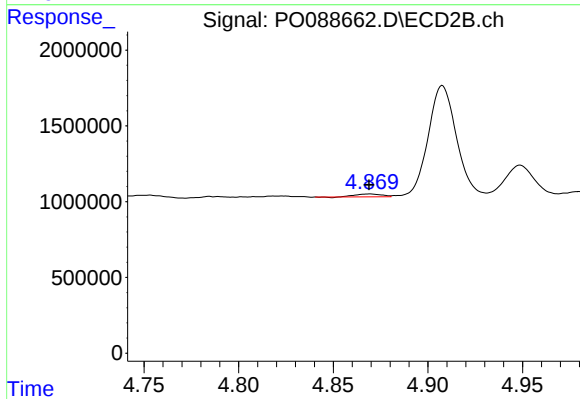
#17 AR-1242-2

R.T.: 4.690 min
Delta R.T.: -0.004 min
Response: 202724
Conc: 4.71 ng/ml



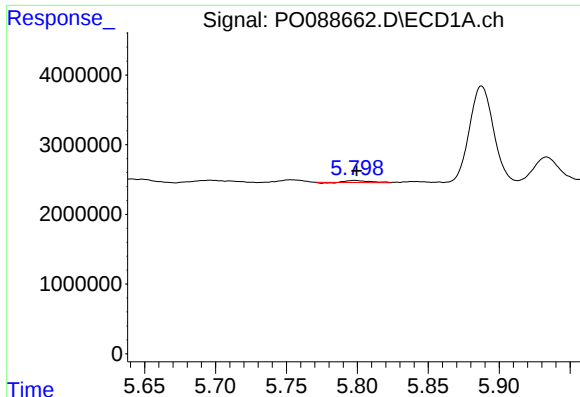
#18 AR-1242-3

R.T.: 5.696 min
Delta R.T.: -0.004 min
Response: 656261
Conc: 10.87 ng/ml



#18 AR-1242-3

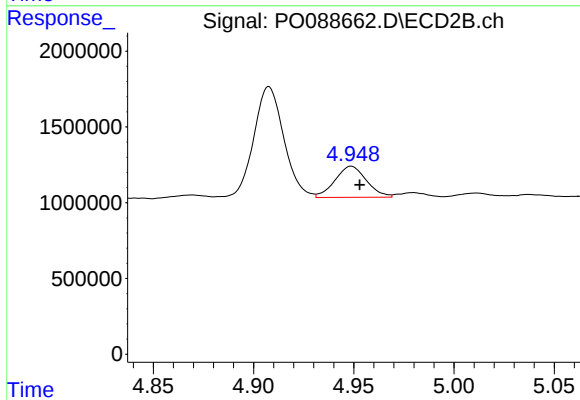
R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 174956
Conc: 7.29 ng/ml



#19 AR-1242-4

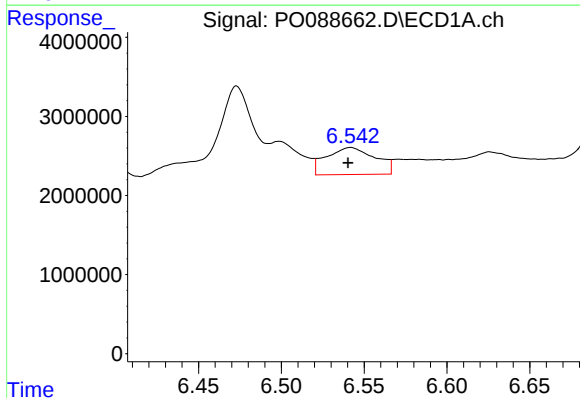
R.T.: 5.798 min
Delta R.T.: -0.001 min
Response: 287453
Conc: 5.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



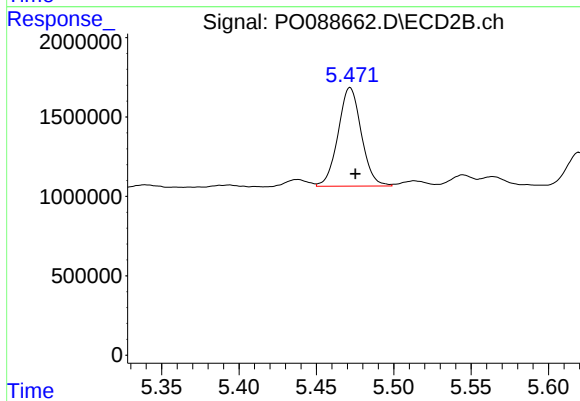
#19 AR-1242-4

R.T.: 4.949 min
Delta R.T.: -0.004 min
Response: 2239306
Conc: 88.82 ng/ml



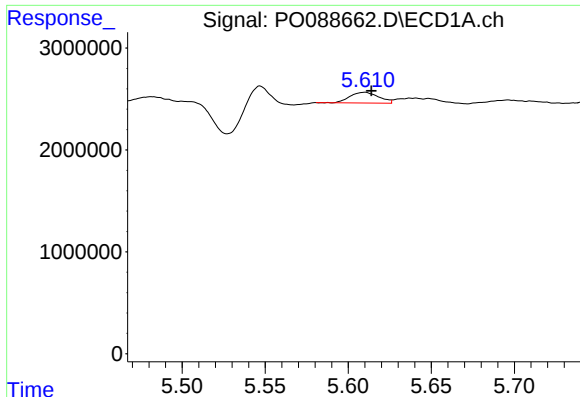
#20 AR-1242-5

R.T.: 6.542 min
Delta R.T.: 0.001 min
Response: 6982870
Conc: 134.55 ng/ml



#20 AR-1242-5

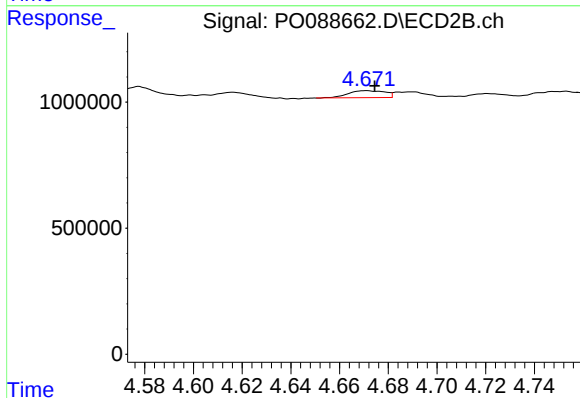
R.T.: 5.472 min
Delta R.T.: -0.003 min
Response: 6499393
Conc: 204.13 ng/ml



#21 AR-1248-1

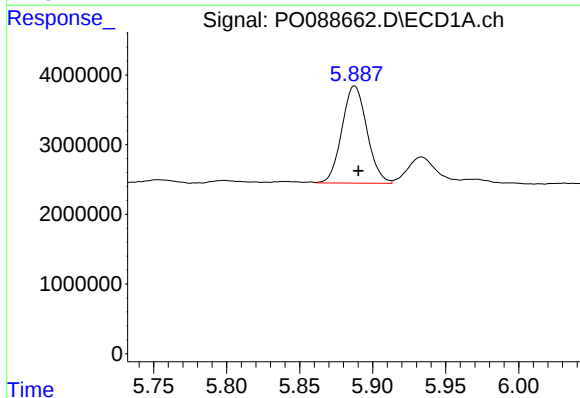
R.T.: 5.610 min
Delta R.T.: -0.004 min
Response: 1265134
Conc: 24.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



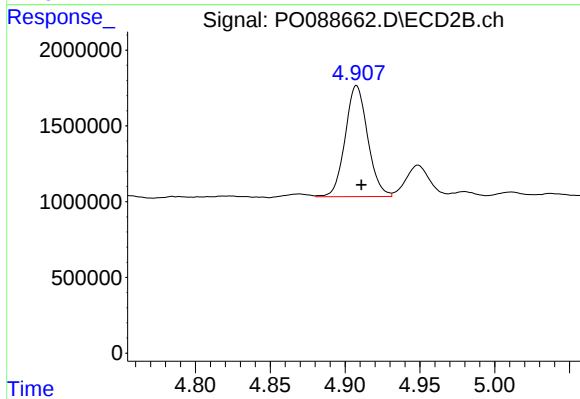
#21 AR-1248-1

R.T.: 4.671 min
Delta R.T.: -0.003 min
Response: 295474
Conc: 12.58 ng/ml



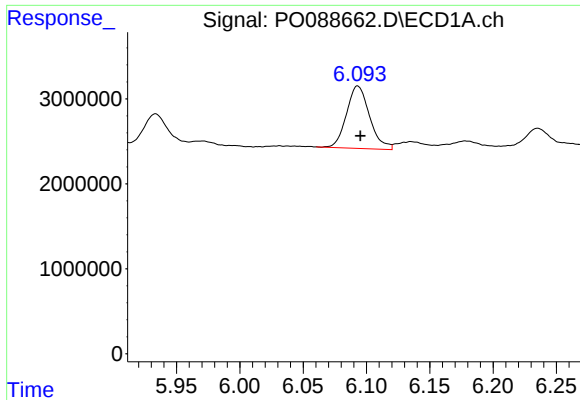
#22 AR-1248-2

R.T.: 5.888 min
Delta R.T.: -0.003 min
Response: 16632911
Conc: 216.66 ng/ml



#22 AR-1248-2

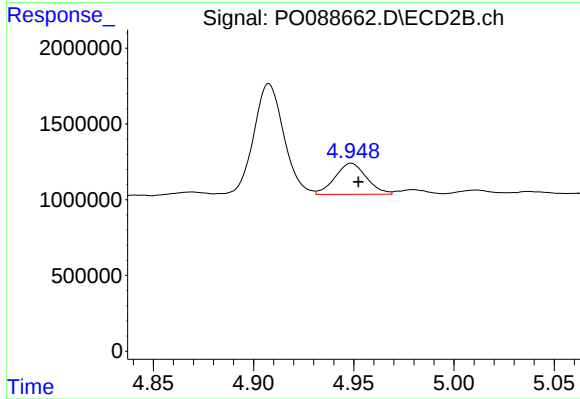
R.T.: 4.908 min
Delta R.T.: -0.003 min
Response: 7662442
Conc: 213.50 ng/ml



#23 AR-1248-3

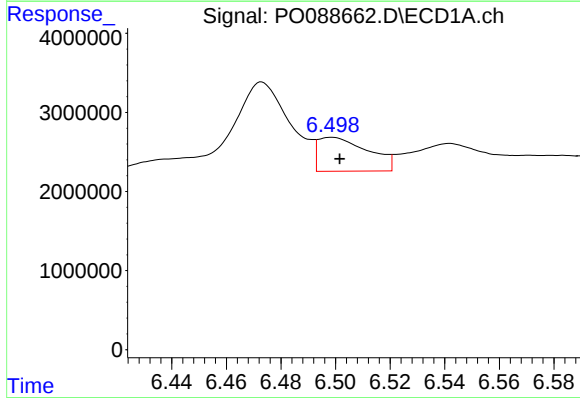
R.T.: 6.093 min
Delta R.T.: -0.002 min
Response: 9312070
Conc: 112.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



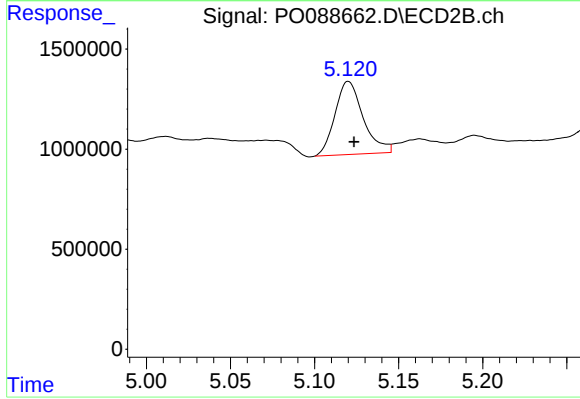
#23 AR-1248-3

R.T.: 4.949 min
Delta R.T.: -0.004 min
Response: 2239306
Conc: 58.81 ng/ml



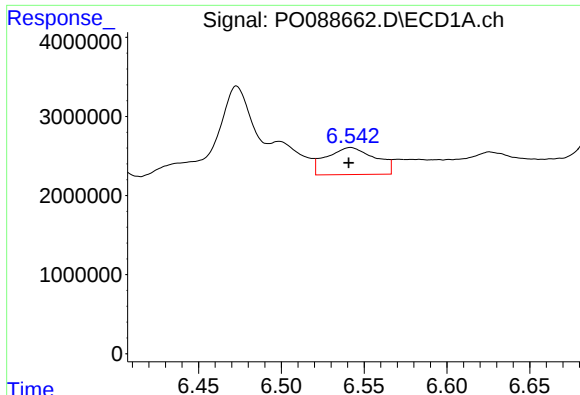
#24 AR-1248-4

R.T.: 6.499 min
Delta R.T.: -0.003 min
Response: 5434328
Conc: 60.51 ng/ml



#24 AR-1248-4

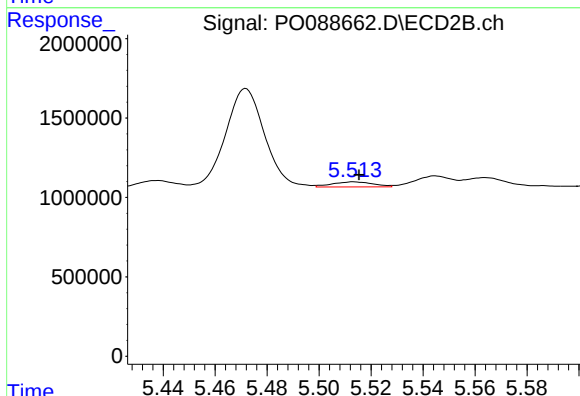
R.T.: 5.120 min
Delta R.T.: -0.003 min
Response: 4262143
Conc: 92.81 ng/ml



#25 AR-1248-5

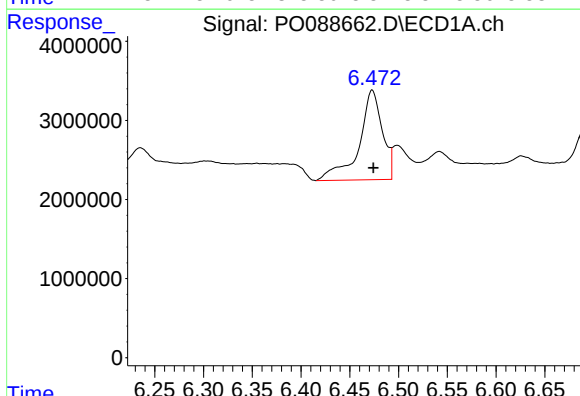
R.T.: 6.542 min
Delta R.T.: 0.001 min
Response: 6982870
Conc: 78.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



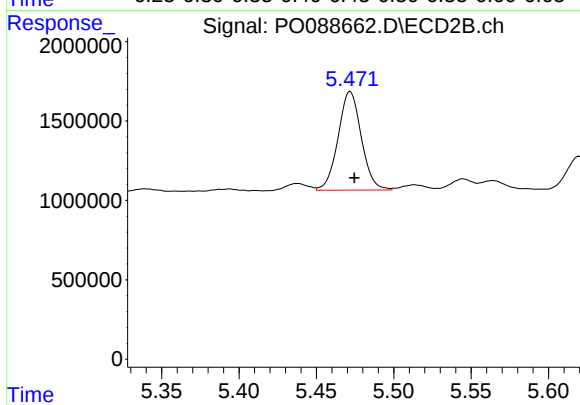
#25 AR-1248-5

R.T.: 5.513 min
Delta R.T.: -0.002 min
Response: 350574
Conc: 8.03 ng/ml



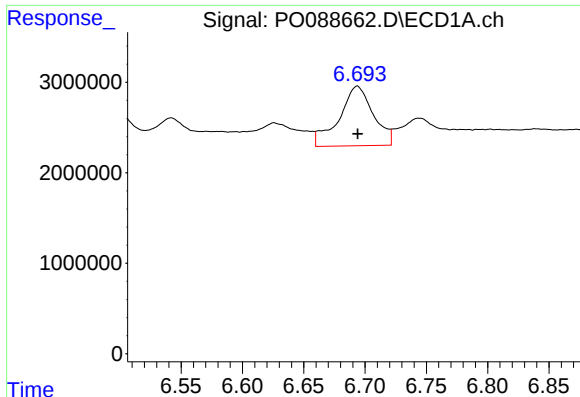
#26 AR-1254-1

R.T.: 6.473 min
Delta R.T.: -0.001 min
Response: 18905450
Conc: 206.96 ng/ml



#26 AR-1254-1

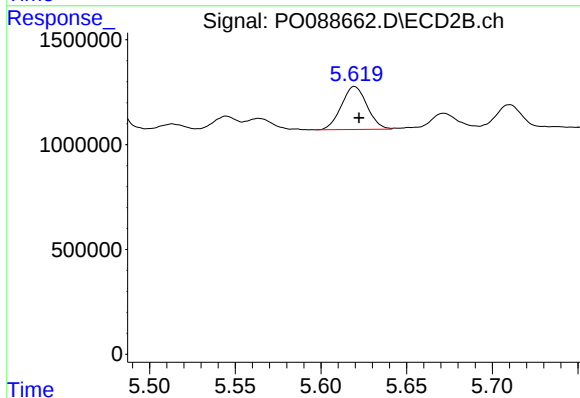
R.T.: 5.472 min
Delta R.T.: -0.003 min
Response: 6499393
Conc: 94.37 ng/ml



#27 AR-1254-2

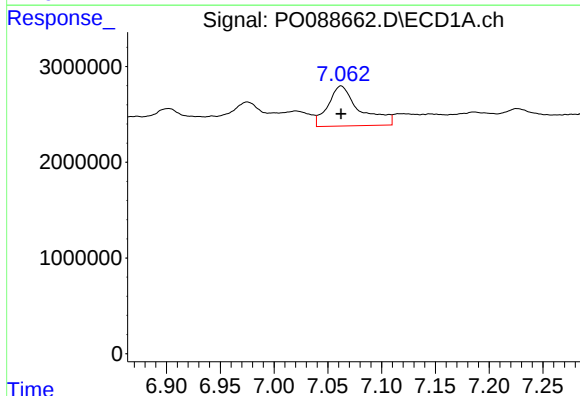
R.T.: 6.694 min
Delta R.T.: 0.000 min
Response: 12835398
Conc: 93.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



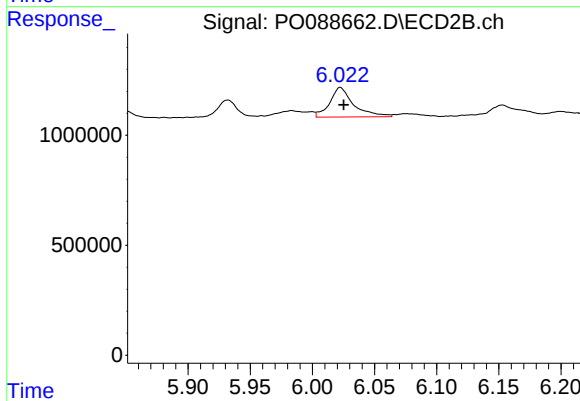
#27 AR-1254-2

R.T.: 5.620 min
Delta R.T.: -0.003 min
Response: 2133236
Conc: 36.02 ng/ml



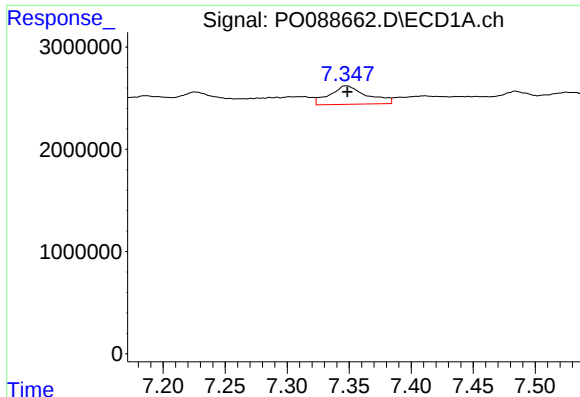
#28 AR-1254-3

R.T.: 7.062 min
Delta R.T.: 0.000 min
Response: 8578210
Conc: 60.96 ng/ml



#28 AR-1254-3

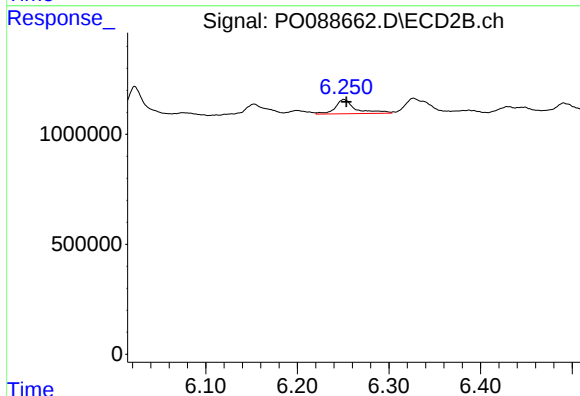
R.T.: 6.023 min
Delta R.T.: -0.003 min
Response: 1800035
Conc: 19.36 ng/ml



#29 AR-1254-4

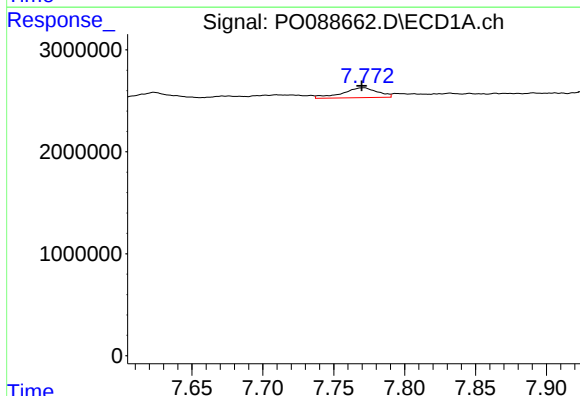
R.T.: 7.348 min
Delta R.T.: 0.000 min
Response: 3760017
Conc: 37.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



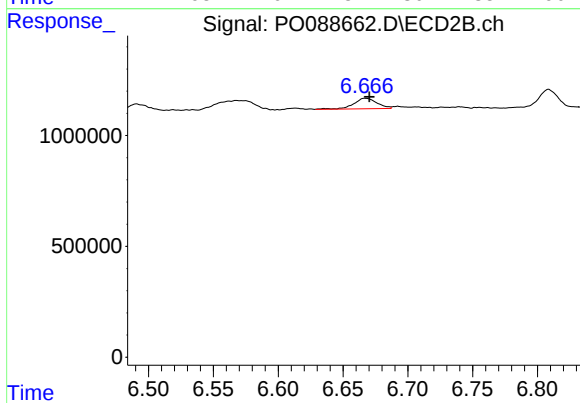
#29 AR-1254-4

R.T.: 6.251 min
Delta R.T.: -0.003 min
Response: 992014
Conc: 17.51 ng/ml



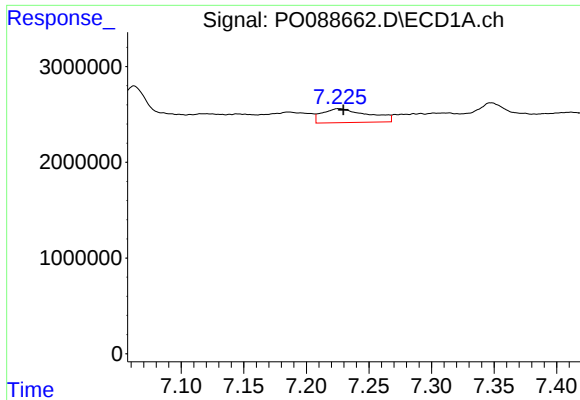
#30 AR-1254-5

R.T.: 7.771 min
Delta R.T.: 0.001 min
Response: 1696589
Conc: 15.93 ng/ml



#30 AR-1254-5

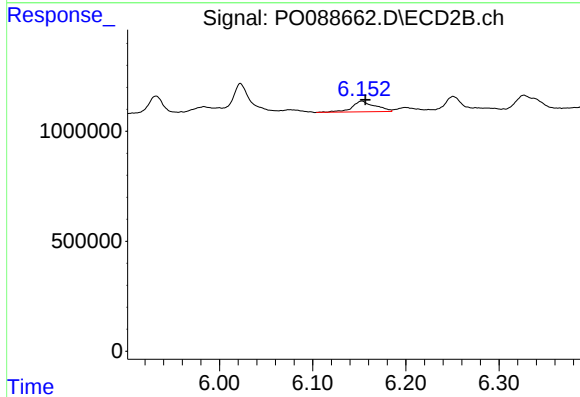
R.T.: 6.667 min
Delta R.T.: -0.003 min
Response: 593530
Conc: 7.27 ng/ml



#31 AR-1260-1

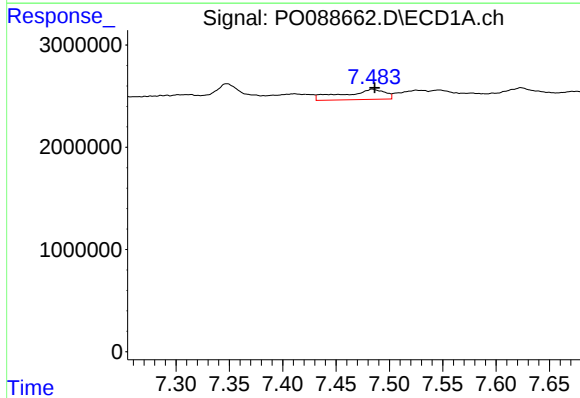
R.T.: 7.226 min
Delta R.T.: -0.004 min
Response: 3726744
Conc: 36.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



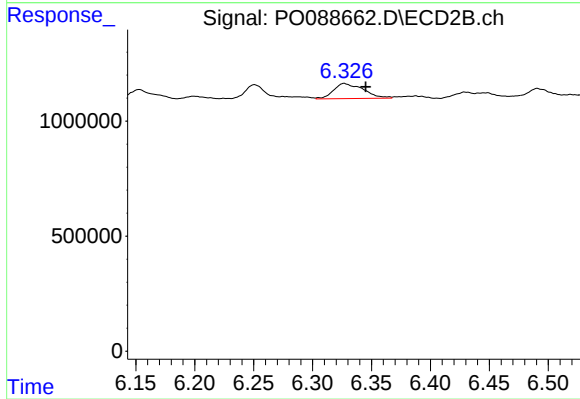
#31 AR-1260-1

R.T.: 6.153 min
Delta R.T.: -0.004 min
Response: 851573
Conc: 13.40 ng/ml



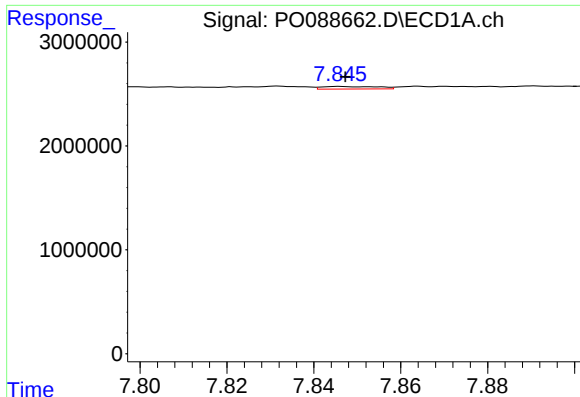
#32 AR-1260-2

R.T.: 7.484 min
Delta R.T.: -0.002 min
Response: 2709852
Conc: 22.93 ng/ml



#32 AR-1260-2

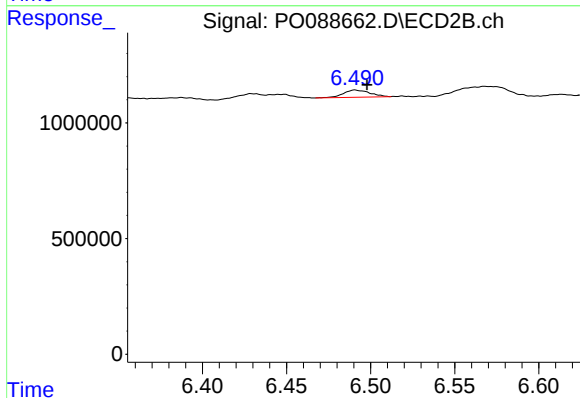
R.T.: 6.327 min
Delta R.T.: -0.018 min
Response: 1162964
Conc: 15.18 ng/ml



#33 AR-1260-3

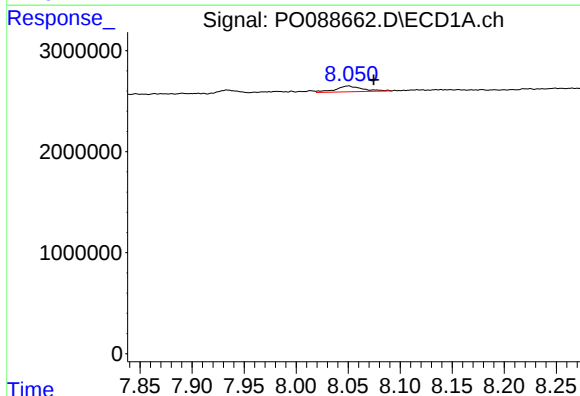
R.T.: 7.846 min
Delta R.T.: -0.001 min
Response: 217974
Conc: 2.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



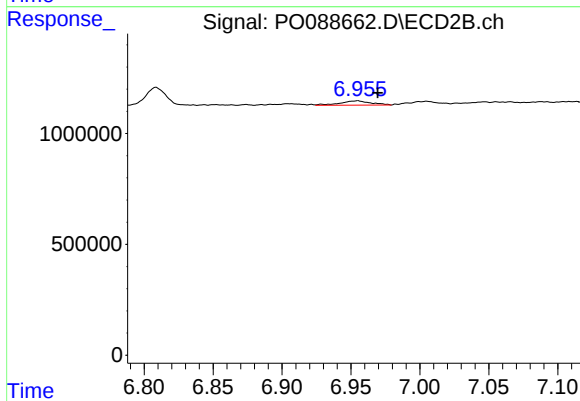
#33 AR-1260-3

R.T.: 6.491 min
Delta R.T.: -0.007 min
Response: 339928
Conc: 4.73 ng/ml



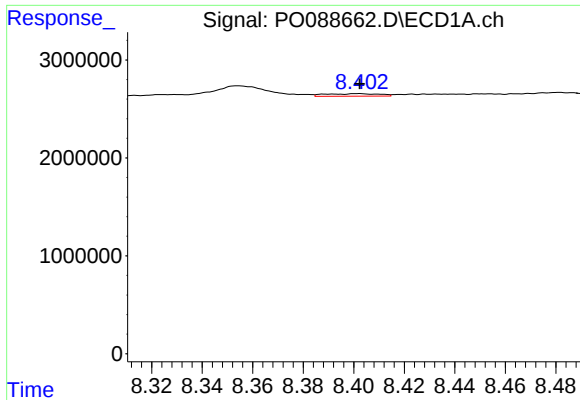
#34 AR-1260-4

R.T.: 8.050 min
Delta R.T.: -0.024 min
Response: 1068349
Conc: 10.91 ng/ml



#34 AR-1260-4

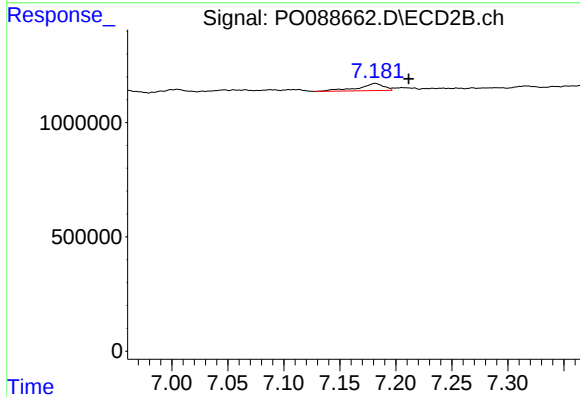
R.T.: 6.955 min
Delta R.T.: -0.015 min
Response: 309642
Conc: 5.07 ng/ml



#35 AR-1260-5

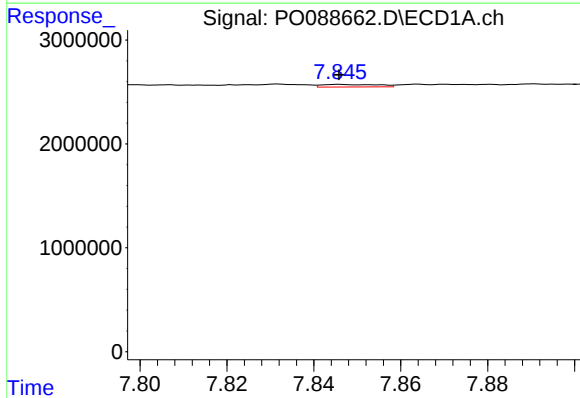
R.T.: 8.402 min
Delta R.T.: 0.000 min
Response: 396086
Conc: 2.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



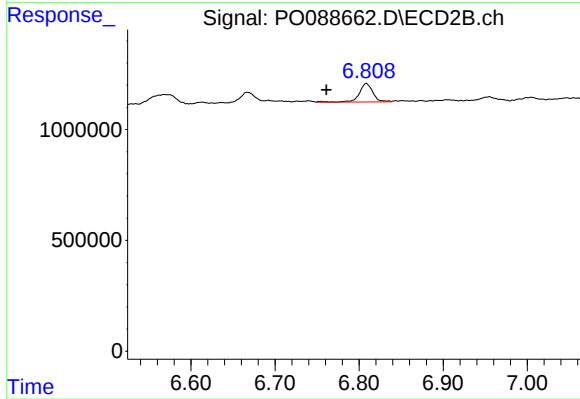
#35 AR-1260-5

R.T.: 7.182 min
Delta R.T.: -0.030 min
Response: 501569
Conc: 3.56 ng/ml



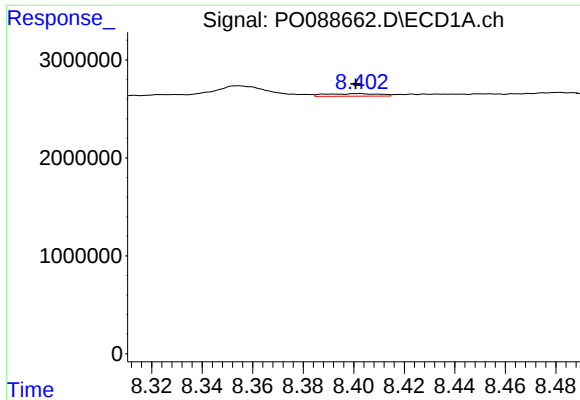
#36 AR-1262-1

R.T.: 7.846 min
Delta R.T.: 0.000 min
Response: 217974
Conc: 1.72 ng/ml



#36 AR-1262-1

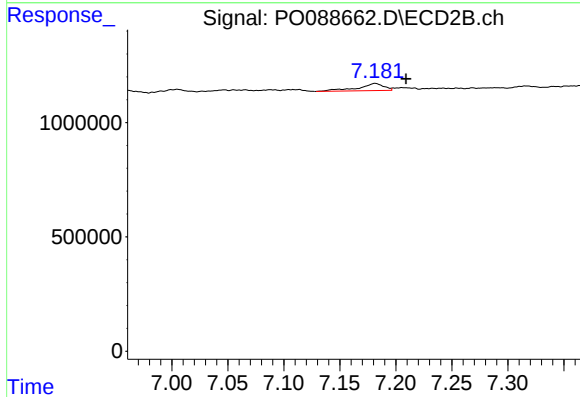
R.T.: 6.809 min
Delta R.T.: 0.047 min
Response: 931441
Conc: 26.60 ng/ml



#37 AR-1262-2

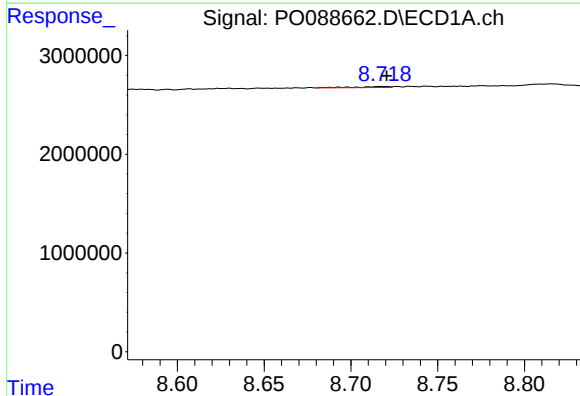
R.T.: 8.402 min
Delta R.T.: 0.000 min
Response: 396086
Conc: 1.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



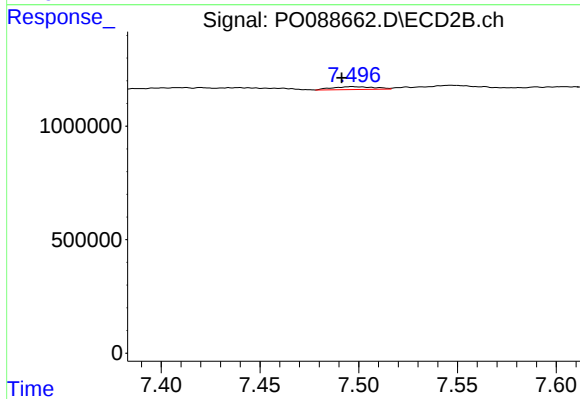
#37 AR-1262-2

R.T.: 7.182 min
Delta R.T.: -0.027 min
Response: 501569
Conc: 3.27 ng/ml



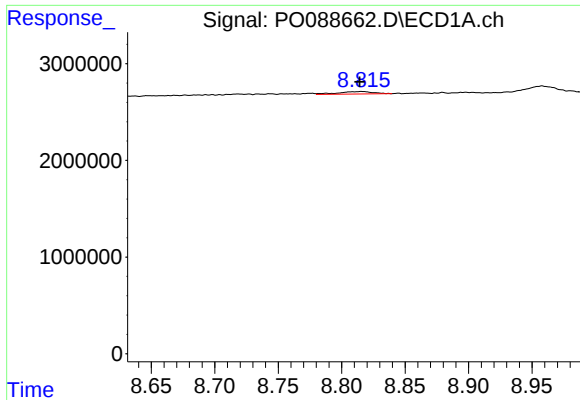
#38 AR-1262-3

R.T.: 8.719 min
Delta R.T.: -0.002 min
Response: 134481
Conc: 1.49 ng/ml



#38 AR-1262-3

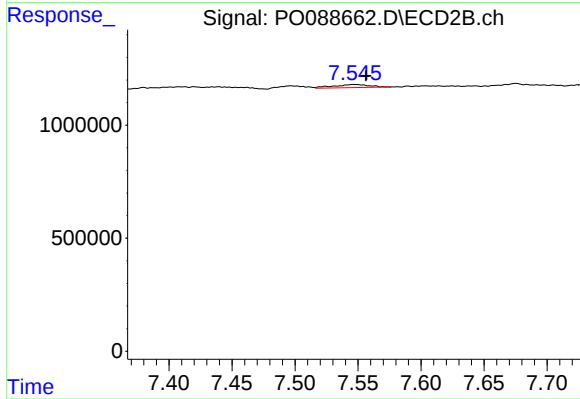
R.T.: 7.497 min
Delta R.T.: 0.005 min
Response: 187819
Conc: 3.05 ng/ml



#39 AR-1262-4

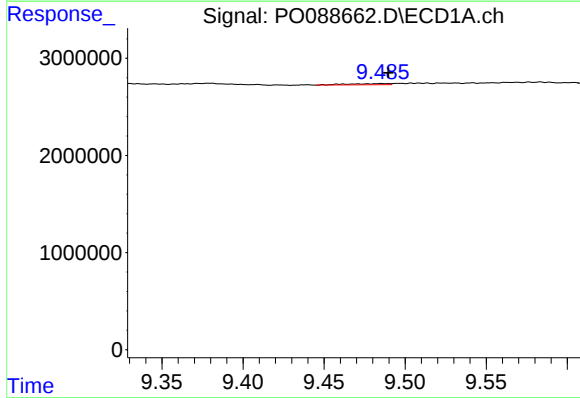
R.T.: 8.816 min
Delta R.T.: 0.002 min
Response: 488853
Conc: 7.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



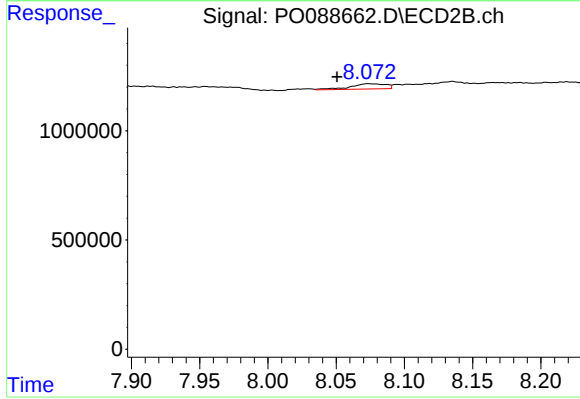
#39 AR-1262-4

R.T.: 7.547 min
Delta R.T.: -0.010 min
Response: 279117
Conc: 2.45 ng/ml



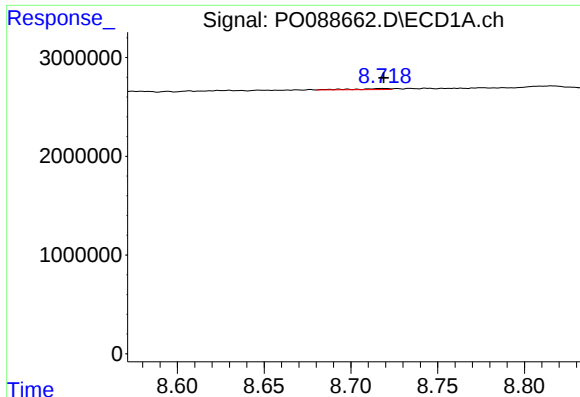
#40 AR-1262-5

R.T.: 9.486 min
Delta R.T.: -0.004 min
Response: 215510
Conc: 2.69 ng/ml



#40 AR-1262-5

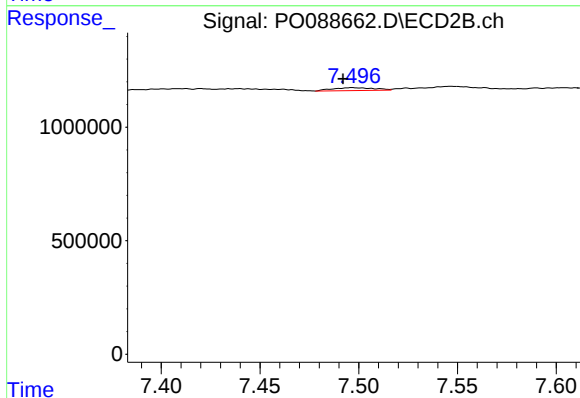
R.T.: 8.074 min
Delta R.T.: 0.023 min
Response: 441418
Conc: 8.22 ng/ml



#41 AR-1268-1

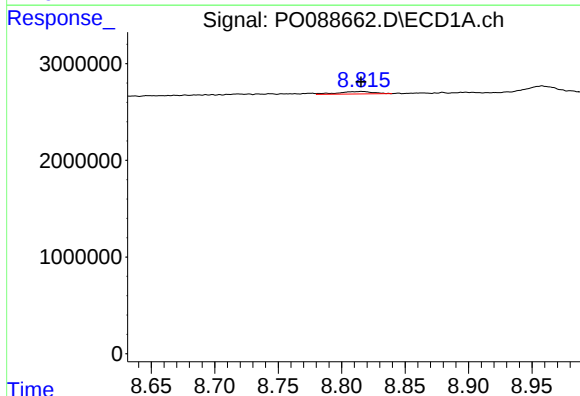
R.T.: 8.719 min
Delta R.T.: 0.000 min
Response: 134481
Conc: 0.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



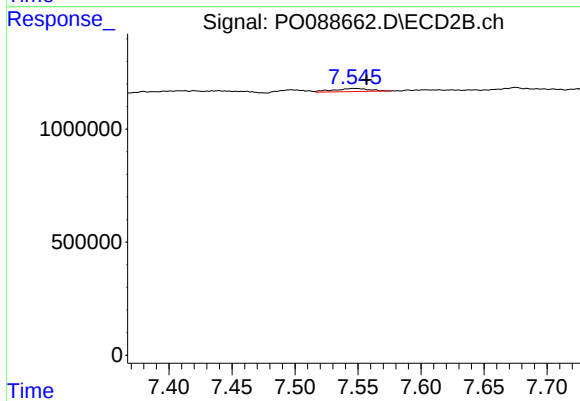
#41 AR-1268-1

R.T.: 7.497 min
Delta R.T.: 0.005 min
Response: 187819
Conc: 1.06 ng/ml



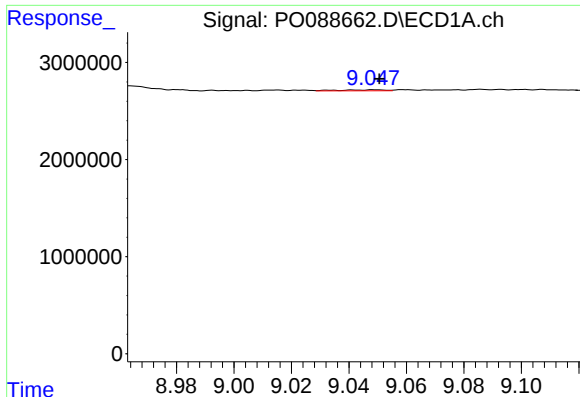
#42 AR-1268-2

R.T.: 8.816 min
Delta R.T.: 0.000 min
Response: 488853
Conc: 2.15 ng/ml



#42 AR-1268-2

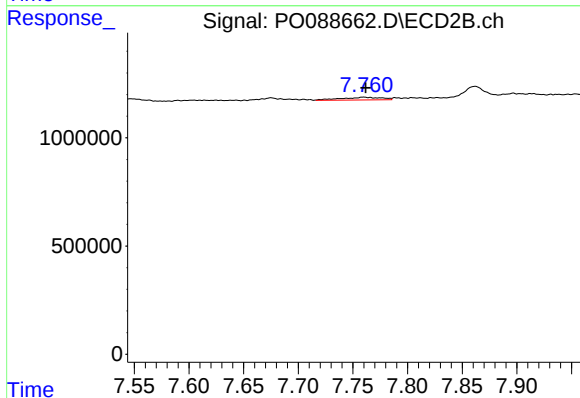
R.T.: 7.547 min
Delta R.T.: -0.010 min
Response: 279117
Conc: 1.74 ng/ml



#43 AR-1268-3

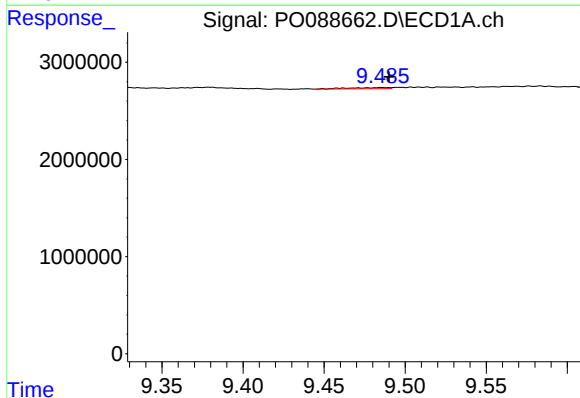
R.T.: 9.049 min
Delta R.T.: -0.002 min
Response: 120414
Conc: 0.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



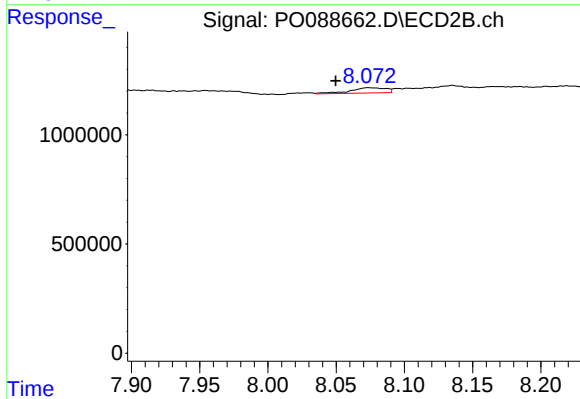
#43 AR-1268-3

R.T.: 7.760 min
Delta R.T.: -0.002 min
Response: 318451
Conc: 2.31 ng/ml



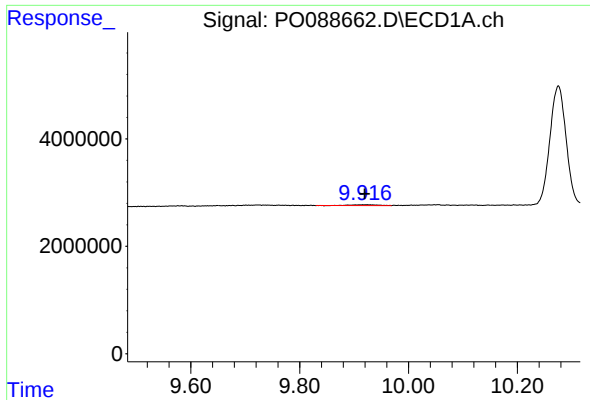
#44 AR-1268-4

R.T.: 9.486 min
Delta R.T.: -0.004 min
Response: 215510
Conc: 2.47 ng/ml



#44 AR-1268-4

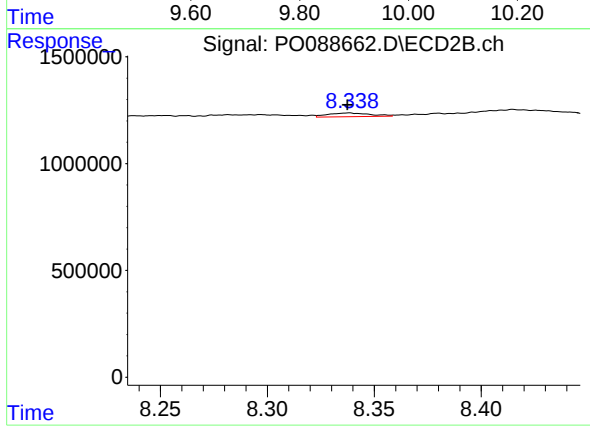
R.T.: 8.074 min
Delta R.T.: 0.024 min
Response: 441418
Conc: 7.63 ng/ml



#45 AR-1268-5

R.T.: 9.924 min
Delta R.T.: 0.004 min
Response: 474040
Conc: 0.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.338 min
Delta R.T.: 0.000 min
Response: 240301
Conc: 0.59 ng/ml