

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0040723\
 Data File : P0093914.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2023 10:28
 Operator : YP/AJ
 Sample : 02195-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 07 22:11:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0040323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 04 06:20:55 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...	4.420	3.625	58800156	8661532	15.729	6.802 #
2)	SA Decachlor...	10.241	8.643	15218359	6528368	6.803	6.530
Target Compounds							
3)	L1 AR-1016-1	5.585	4.669f	12364590	32344425	120.909	911.557 #
4)	L1 AR-1016-2	5.623	4.770f	2371967	3668270	15.219	67.917 #
5)	L1 AR-1016-3	5.685	4.959f	2234355	928014	22.653	32.742 #
6)	L1 AR-1016-4	5.769	4.959	568264	928014	7.728	35.144 #
7)	L1 AR-1016-5	6.081	0.000	8707652	0	102.851	N.D. #
8)	L2 AR-1221-1	4.601	3.841	9020539	533554	195.589	34.074 #
9)	L2 AR-1221-2	4.727	3.924	13653102	1514362	397.742	128.309 #
10)	L2 AR-1221-3	4.807	4.043f	6614502	3574682	63.154	97.038 #
11)	L3 AR-1232-1	4.807	4.043f	6614502	3574682	75.788	114.424 #
12)	L3 AR-1232-2	5.335	4.770f	1409239	3668270	32.953	138.563 #
13)	L3 AR-1232-3	5.623	4.959f	2371967	928014	32.291	70.362 #
14)	L3 AR-1232-4	5.769	4.959	568264	928014	16.509	65.303 #
15)	L3 AR-1232-5	5.866	0.000	1037818	0	32.674	N.D. #
16)	L4 AR-1242-1	5.585	4.669f	12364590	32344425	141.659	1051.079 #
17)	L4 AR-1242-2	5.623	4.770f	2371967	3668270	17.839	79.755 #
18)	L4 AR-1242-3	5.685	4.959f	2234355	928014	26.321	38.294 #
19)	L4 AR-1242-4	5.769	4.959	568264	928014	9.095	33.056 #
20)	L4 AR-1242-5	6.514	5.540	13853097	1000921	205.749	35.107 #
21)	L5 AR-1248-1	5.585	4.669f	12364590	32344425	183.772	1356.072 #
22)	L5 AR-1248-2	5.866	4.959	1037818	928014	9.488	23.298 #
23)	L5 AR-1248-3	6.081	4.959	8707652	928014	72.131	22.234 #
24)	L5 AR-1248-4	6.514	0.000	13853097	0	128.989	N.D. #
25)	L5 AR-1248-5	6.514	5.540	13853097	1000921	119.399	26.810 #
26)	L6 AR-1254-1	6.439	5.540	3491080	1000921	25.740	14.643 #
27)	L6 AR-1254-2	6.687	5.621f	8211173	573433	42.007	9.415 #
28)	L6 AR-1254-3	7.049	0.000	10880091	0	58.893	N.D. #
29)	L6 AR-1254-4	7.378f	6.295	26891210	11575477	265.167	271.755
30)	L6 AR-1254-5	7.810f	6.700	3259823	1619058	24.039	22.439
31)	L7 AR-1260-1	7.245	6.187	3116091	5123291	21.348	78.565 #
32)	L7 AR-1260-2	7.437f	6.389	13730171	1527792	85.785	21.037 #
33)	L7 AR-1260-3	7.810	0.000	3259823	0	24.551	N.D. #
34)	L7 AR-1260-4	8.069	7.031	1317713	1191782	9.566	21.461 #
35)	L7 AR-1260-5	8.388	7.277	8623249	1257755	39.594	12.120 #
36)	L8 AR-1262-1	7.810	6.852f	3259823	638095	19.083	18.238
37)	L8 AR-1262-2	8.388	7.031	8623249	1191782	37.097	16.868 #
38)	L8 AR-1262-3	8.677	7.540	13025302	2238257	79.517	44.735 #
39)	L8 AR-1262-4	8.798	7.614	12291122	1385240	122.674	16.703 #
40)	L8 AR-1262-5	9.464	8.042f	14720902	8292198	182.900	254.904 #
41)	L9 AR-1268-1	8.677	7.540	13025302	2238257	38.702	14.652 #

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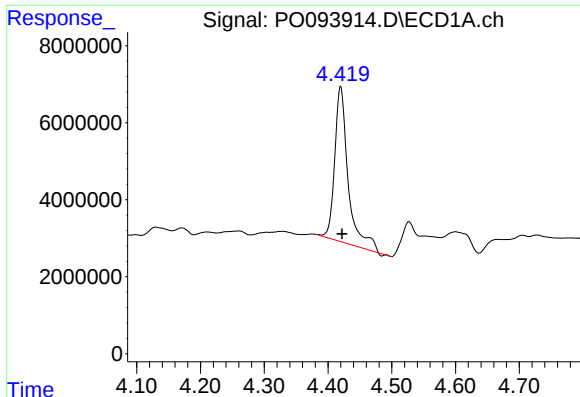
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
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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	8.798	7.614	12291122	1385240	38.191	10.196 #
43) L9	AR-1268-3	9.025	7.829	8054157	8035777	28.402	61.398 #
44) L9	AR-1268-4	9.464	8.042f	14720902	8292198	152.252	209.483 #
45) L9	AR-1268-5	9.917	8.420	394184	3814717	0.469	10.884 #

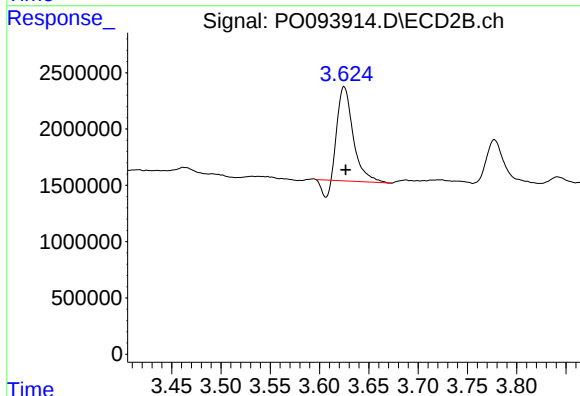
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

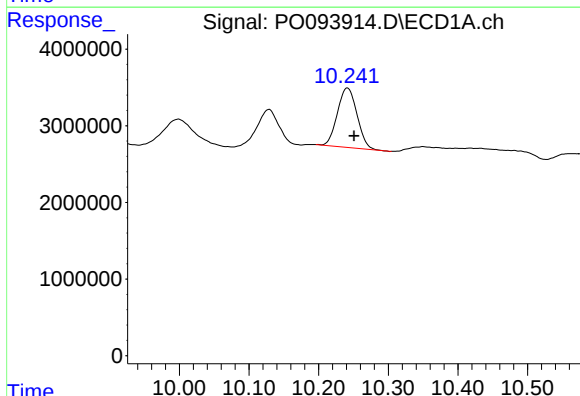
R.T.: 4.420 min
Delta R.T.: -0.002 min
Response: 58800156
Conc: 15.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



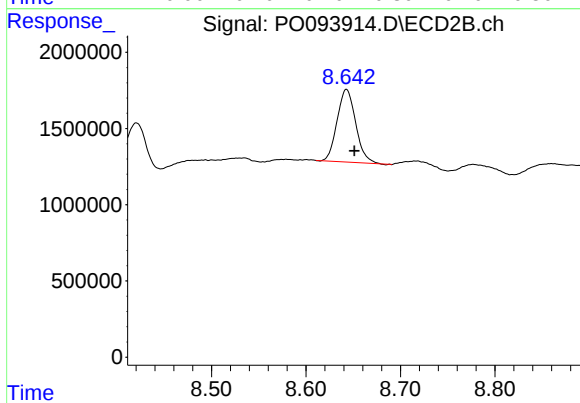
#1 Tetrachloro-m-xylene

R.T.: 3.625 min
Delta R.T.: -0.002 min
Response: 8661532
Conc: 6.80 ng/ml



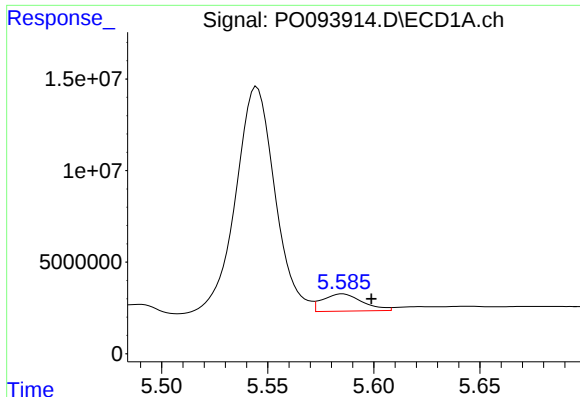
#2 Decachlorobiphenyl

R.T.: 10.241 min
Delta R.T.: -0.009 min
Response: 15218359
Conc: 6.80 ng/ml



#2 Decachlorobiphenyl

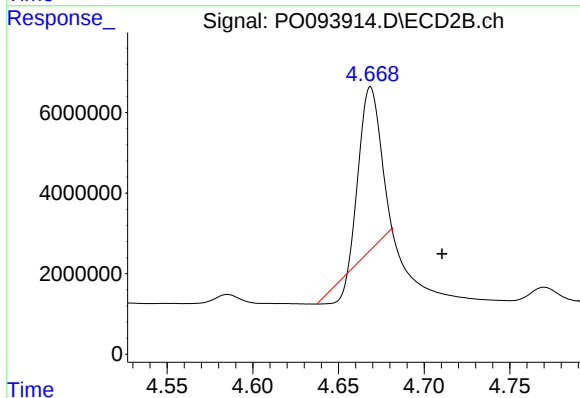
R.T.: 8.643 min
Delta R.T.: -0.008 min
Response: 6528368
Conc: 6.53 ng/ml



#3 AR-1016-1

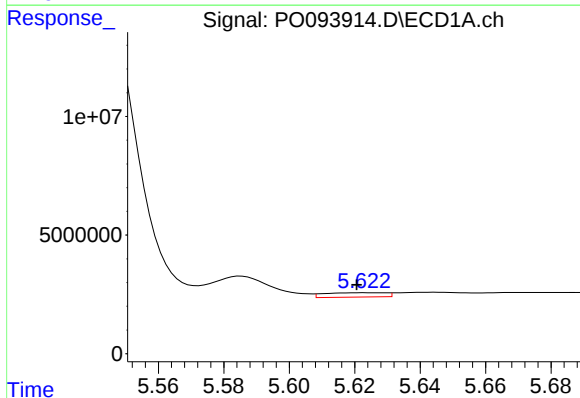
R.T.: 5.585 min
Delta R.T.: -0.014 min
Response: 12364590
Conc: 120.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



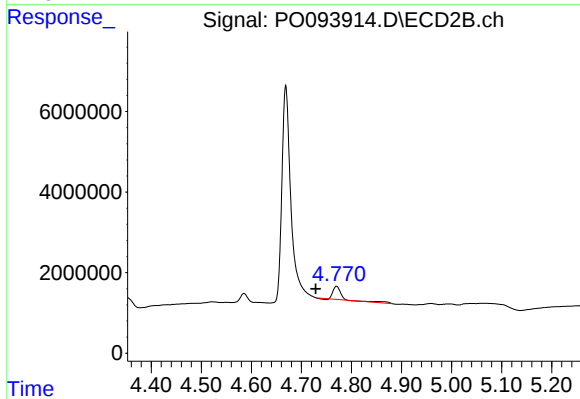
#3 AR-1016-1

R.T.: 4.669 min
Delta R.T.: -0.042 min
Response: 32344425
Conc: 911.56 ng/ml



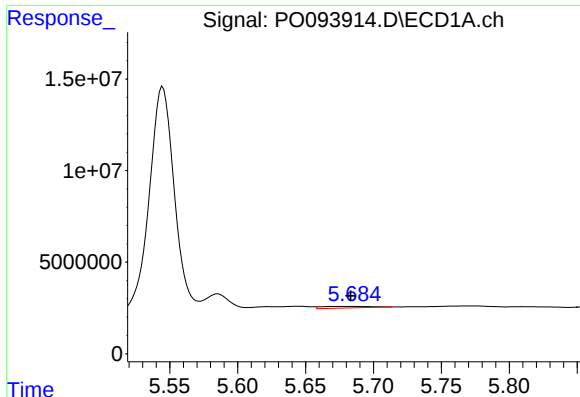
#4 AR-1016-2

R.T.: 5.623 min
Delta R.T.: 0.003 min
Response: 2371967
Conc: 15.22 ng/ml



#4 AR-1016-2

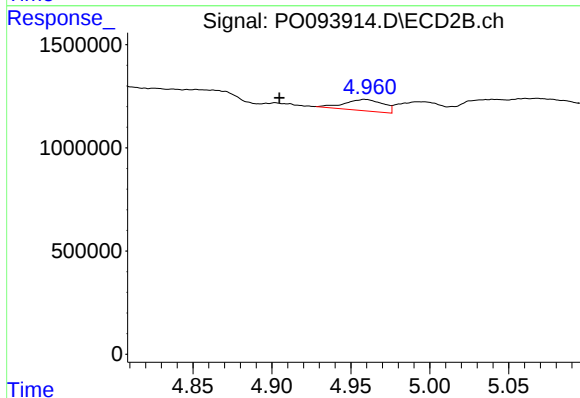
R.T.: 4.770 min
Delta R.T.: 0.042 min
Response: 3668270
Conc: 67.92 ng/ml



#5 AR-1016-3

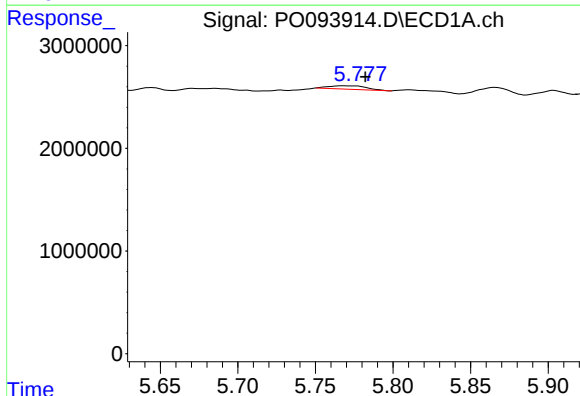
R.T.: 5.685 min
Delta R.T.: 0.002 min
Response: 2234355
Conc: 22.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



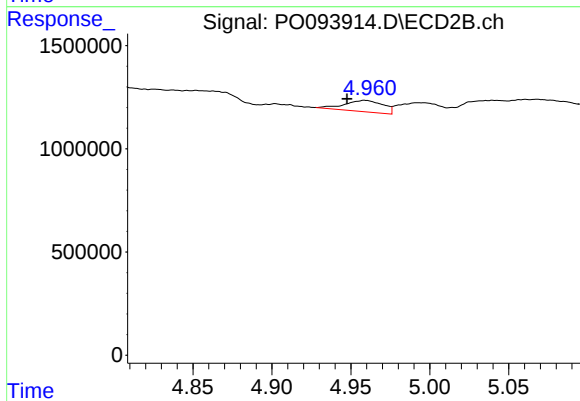
#5 AR-1016-3

R.T.: 4.959 min
Delta R.T.: 0.054 min
Response: 928014
Conc: 32.74 ng/ml



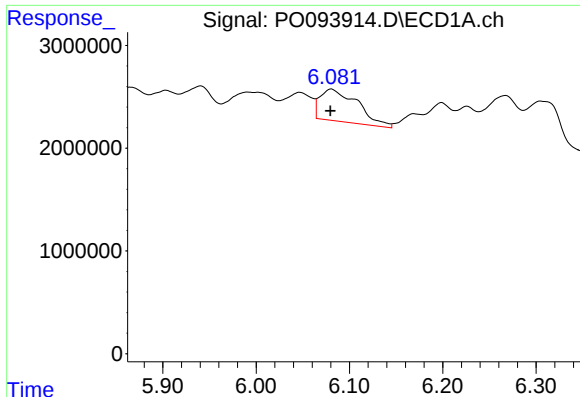
#6 AR-1016-4

R.T.: 5.769 min
Delta R.T.: -0.014 min
Response: 568264
Conc: 7.73 ng/ml



#6 AR-1016-4

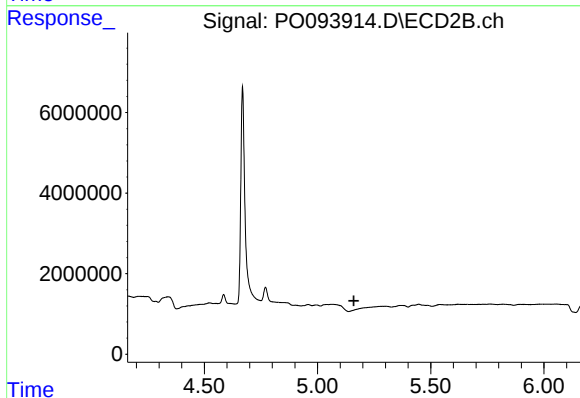
R.T.: 4.959 min
Delta R.T.: 0.011 min
Response: 928014
Conc: 35.14 ng/ml



#7 AR-1016-5

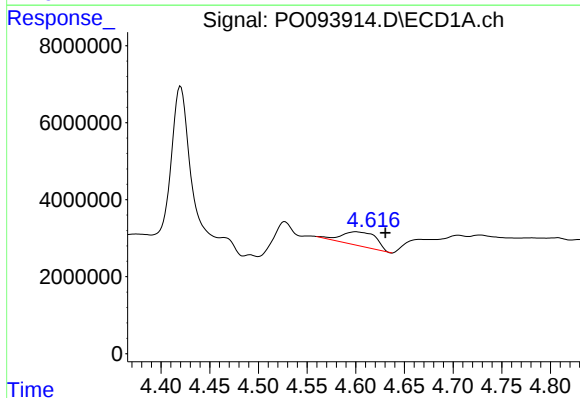
R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 8707652
Conc: 102.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



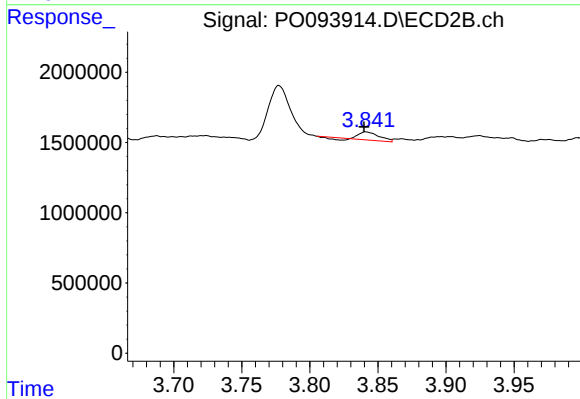
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.161 min
Response: 0
Conc: N.D.



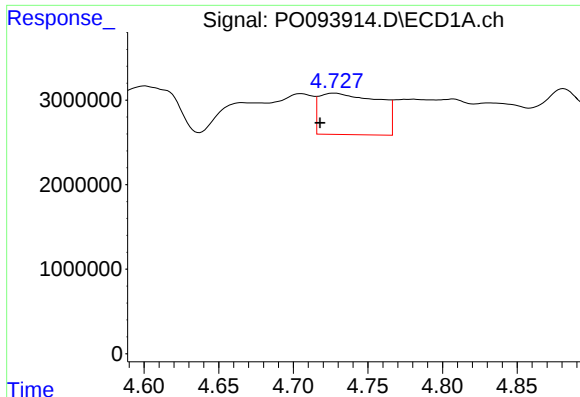
#8 AR-1221-1

R.T.: 4.601 min
Delta R.T.: -0.030 min
Response: 9020539
Conc: 195.59 ng/ml



#8 AR-1221-1

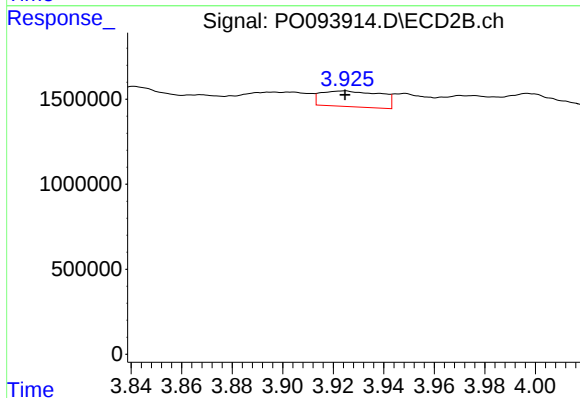
R.T.: 3.841 min
Delta R.T.: 0.002 min
Response: 533554
Conc: 34.07 ng/ml



#9 AR-1221-2

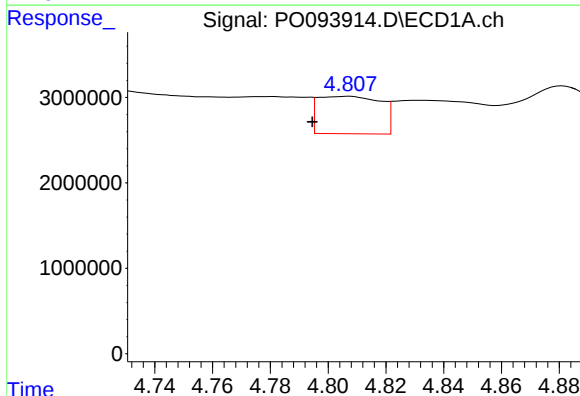
R.T.: 4.727 min
Delta R.T.: 0.010 min
Response: 13653102
Conc: 397.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



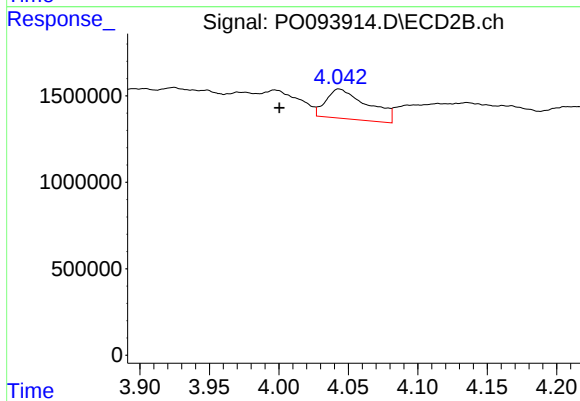
#9 AR-1221-2

R.T.: 3.924 min
Delta R.T.: 0.000 min
Response: 1514362
Conc: 128.31 ng/ml



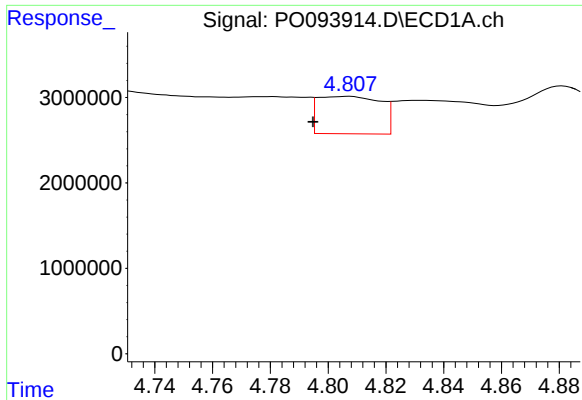
#10 AR-1221-3

R.T.: 4.807 min
Delta R.T.: 0.012 min
Response: 6614502
Conc: 63.15 ng/ml



#10 AR-1221-3

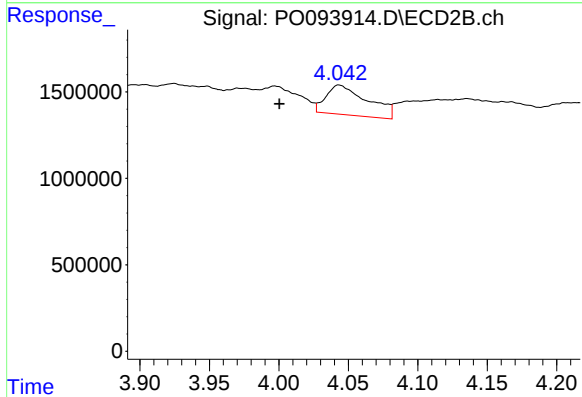
R.T.: 4.043 min
Delta R.T.: 0.043 min
Response: 3574682
Conc: 97.04 ng/ml



#11 AR-1232-1

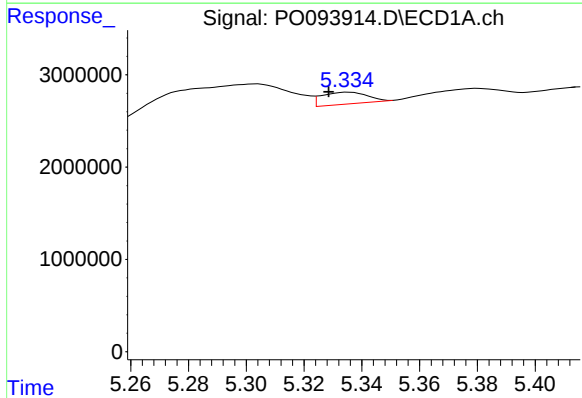
R.T.: 4.807 min
Delta R.T.: 0.012 min
Response: 6614502
Conc: 75.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



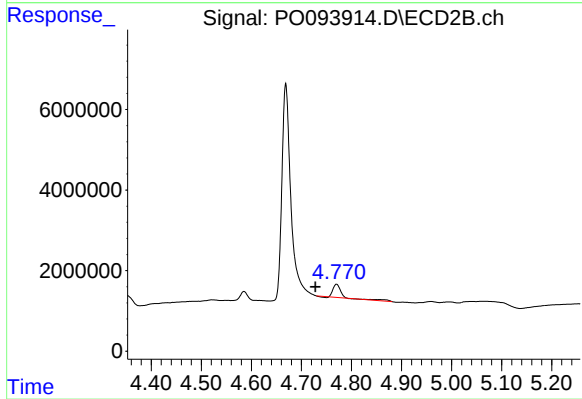
#11 AR-1232-1

R.T.: 4.043 min
Delta R.T.: 0.043 min
Response: 3574682
Conc: 114.42 ng/ml



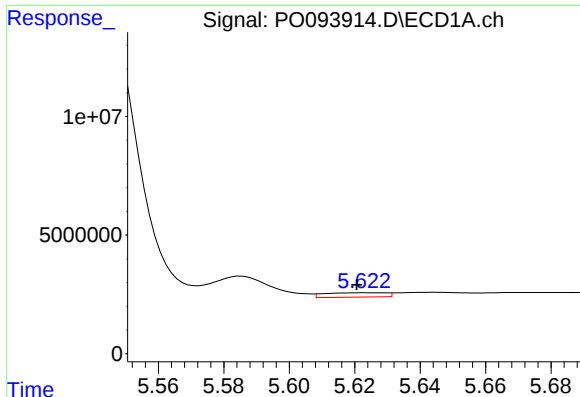
#12 AR-1232-2

R.T.: 5.335 min
Delta R.T.: 0.007 min
Response: 1409239
Conc: 32.95 ng/ml



#12 AR-1232-2

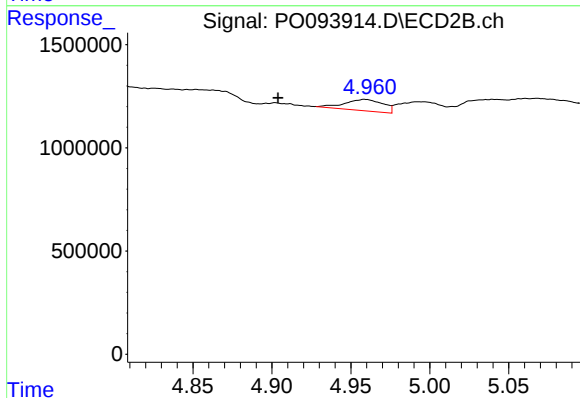
R.T.: 4.770 min
Delta R.T.: 0.042 min
Response: 3668270
Conc: 138.56 ng/ml



#13 AR-1232-3

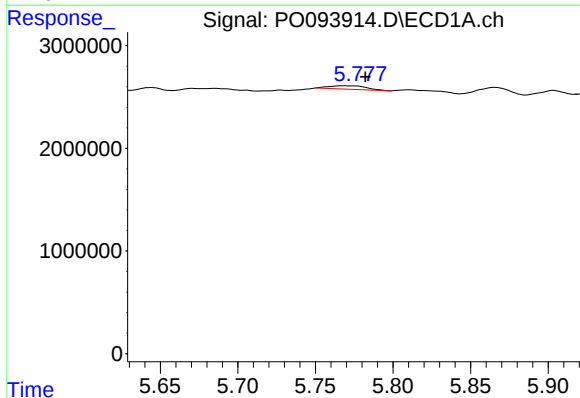
R.T.: 5.623 min
Delta R.T.: 0.003 min
Response: 2371967
Conc: 32.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



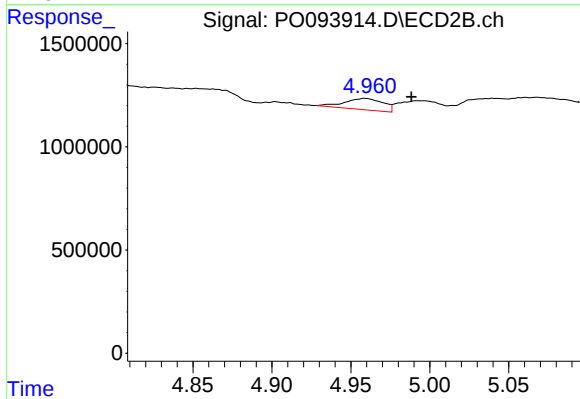
#13 AR-1232-3

R.T.: 4.959 min
Delta R.T.: 0.055 min
Response: 928014
Conc: 70.36 ng/ml



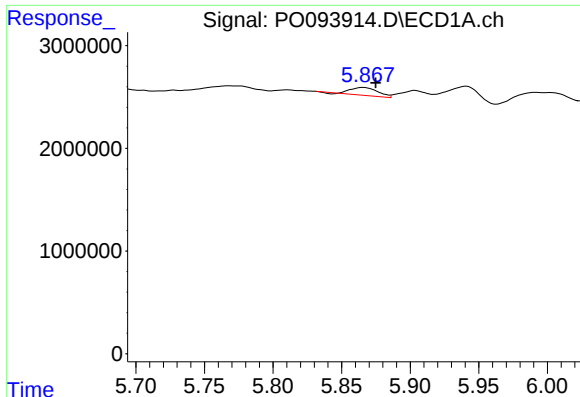
#14 AR-1232-4

R.T.: 5.769 min
Delta R.T.: -0.014 min
Response: 568264
Conc: 16.51 ng/ml



#14 AR-1232-4

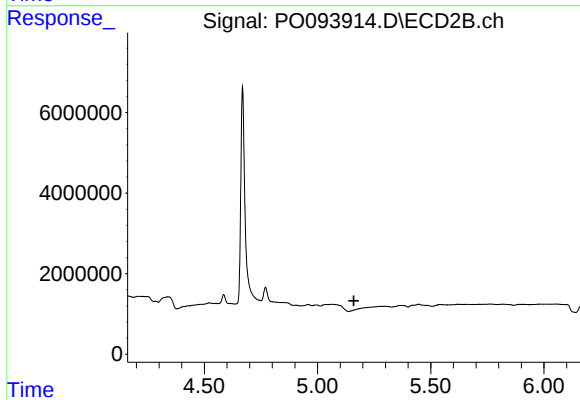
R.T.: 4.959 min
Delta R.T.: -0.029 min
Response: 928014
Conc: 65.30 ng/ml



#15 AR-1232-5

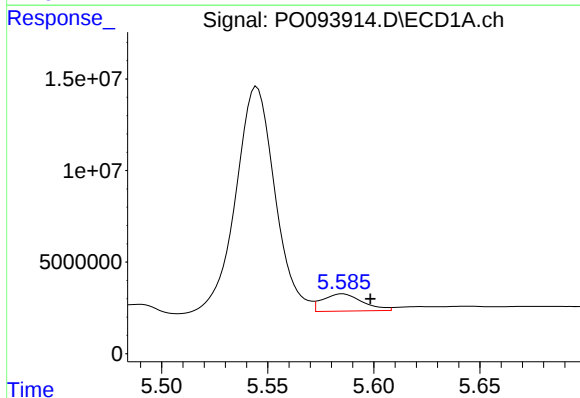
R.T.: 5.866 min
Delta R.T.: -0.009 min
Response: 1037818
Conc: 32.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



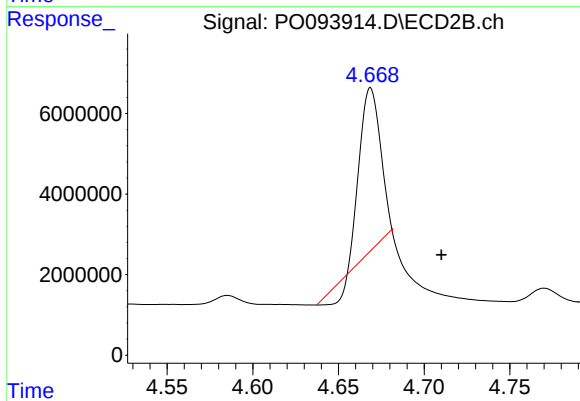
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.161 min
Response: 0
Conc: N.D.



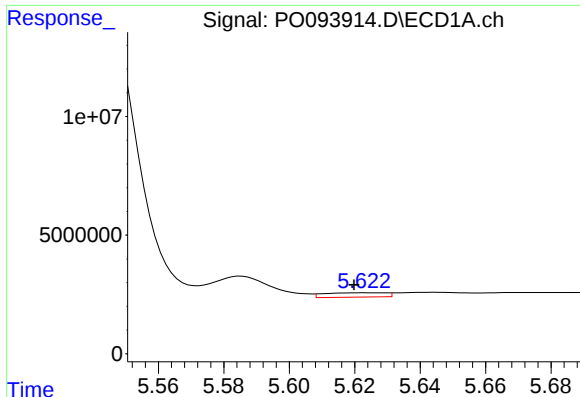
#16 AR-1242-1

R.T.: 5.585 min
Delta R.T.: -0.013 min
Response: 12364590
Conc: 141.66 ng/ml



#16 AR-1242-1

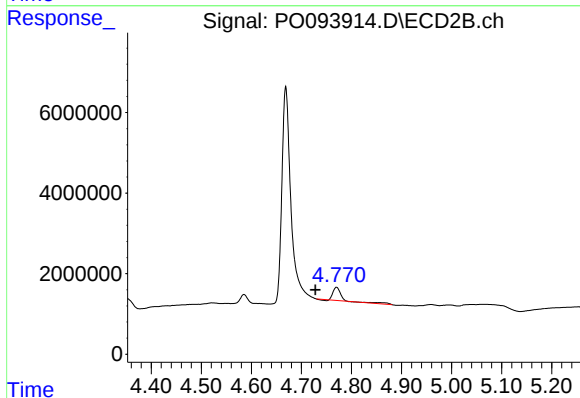
R.T.: 4.669 min
Delta R.T.: -0.041 min
Response: 32344425
Conc: 1051.08 ng/ml



#17 AR-1242-2

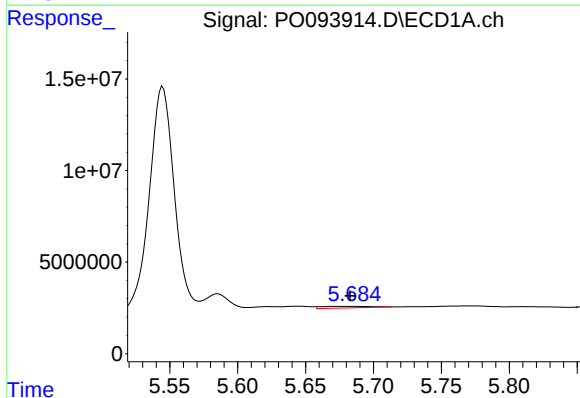
R.T.: 5.623 min
Delta R.T.: 0.004 min
Response: 2371967
Conc: 17.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



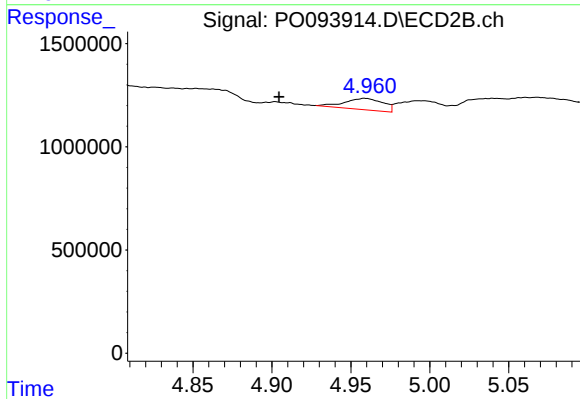
#17 AR-1242-2

R.T.: 4.770 min
Delta R.T.: 0.042 min
Response: 3668270
Conc: 79.76 ng/ml



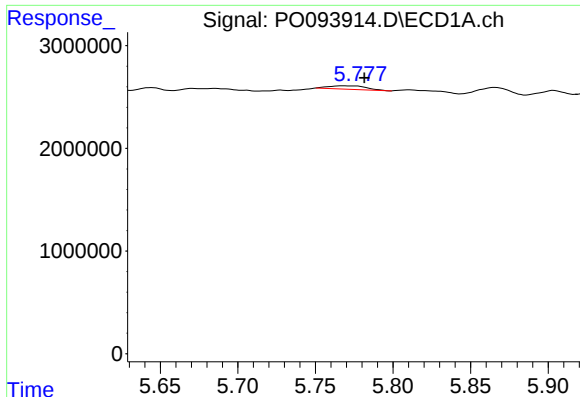
#18 AR-1242-3

R.T.: 5.685 min
Delta R.T.: 0.002 min
Response: 2234355
Conc: 26.32 ng/ml



#18 AR-1242-3

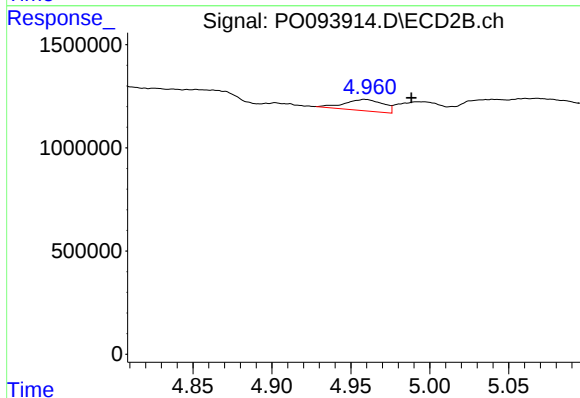
R.T.: 4.959 min
Delta R.T.: 0.054 min
Response: 928014
Conc: 38.29 ng/ml



#19 AR-1242-4

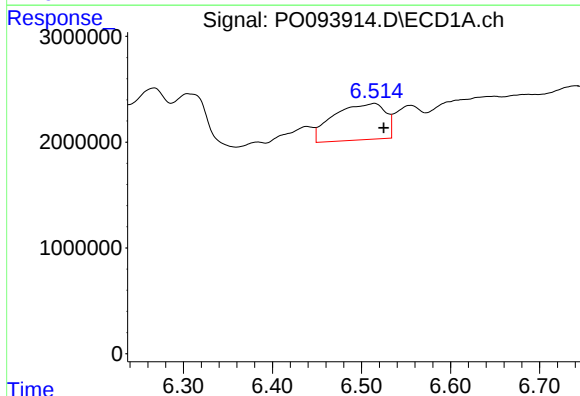
R.T.: 5.769 min
Delta R.T.: -0.013 min
Response: 568264
Conc: 9.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



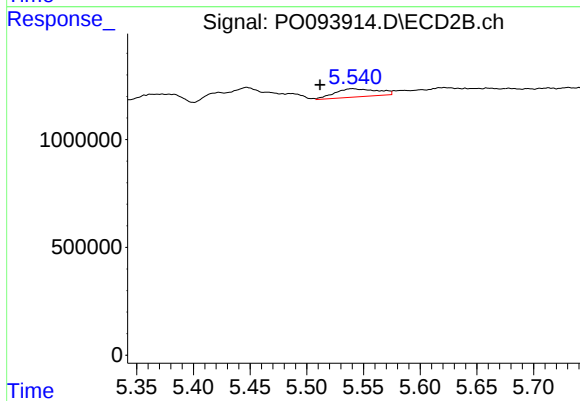
#19 AR-1242-4

R.T.: 4.959 min
Delta R.T.: -0.029 min
Response: 928014
Conc: 33.06 ng/ml



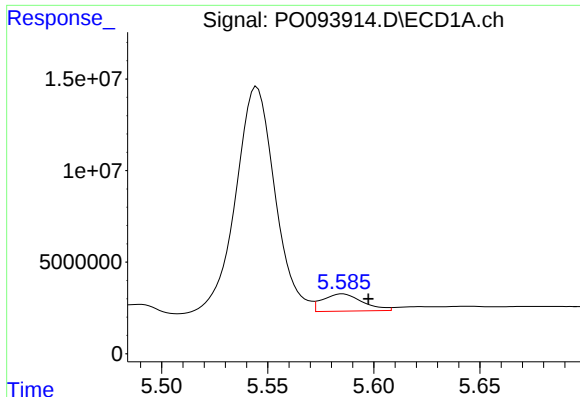
#20 AR-1242-5

R.T.: 6.514 min
Delta R.T.: -0.011 min
Response: 13853097
Conc: 205.75 ng/ml



#20 AR-1242-5

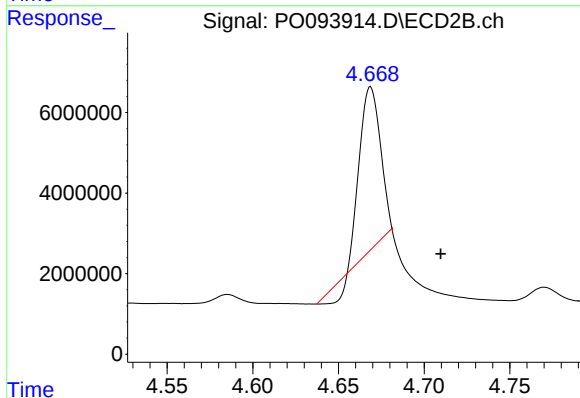
R.T.: 5.540 min
Delta R.T.: 0.029 min
Response: 1000921
Conc: 35.11 ng/ml



#21 AR-1248-1

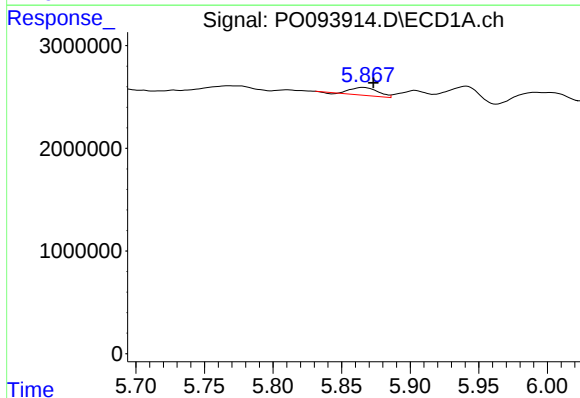
R.T.: 5.585 min
Delta R.T.: -0.012 min
Response: 12364590
Conc: 183.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



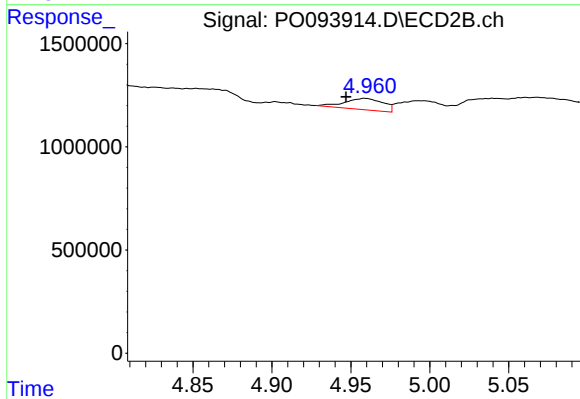
#21 AR-1248-1

R.T.: 4.669 min
Delta R.T.: -0.041 min
Response: 32344425
Conc: 1356.07 ng/ml



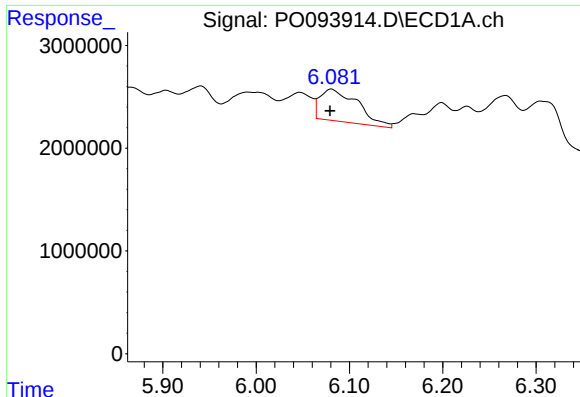
#22 AR-1248-2

R.T.: 5.866 min
Delta R.T.: -0.007 min
Response: 1037818
Conc: 9.49 ng/ml



#22 AR-1248-2

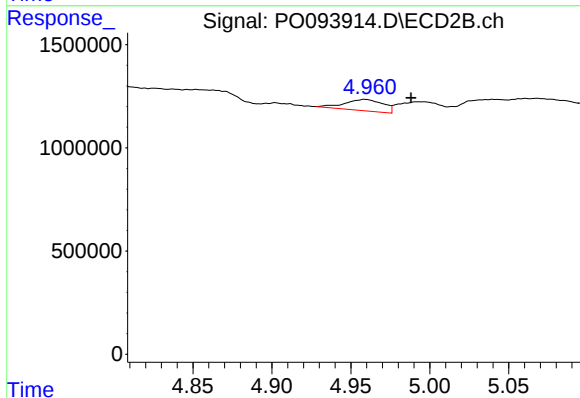
R.T.: 4.959 min
Delta R.T.: 0.012 min
Response: 928014
Conc: 23.30 ng/ml



#23 AR-1248-3

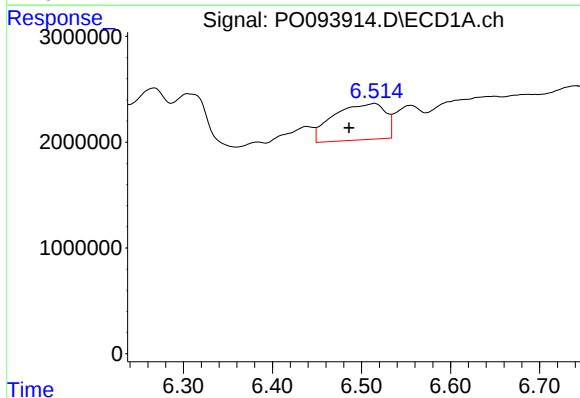
R.T.: 6.081 min
Delta R.T.: 0.001 min
Response: 8707652
Conc: 72.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



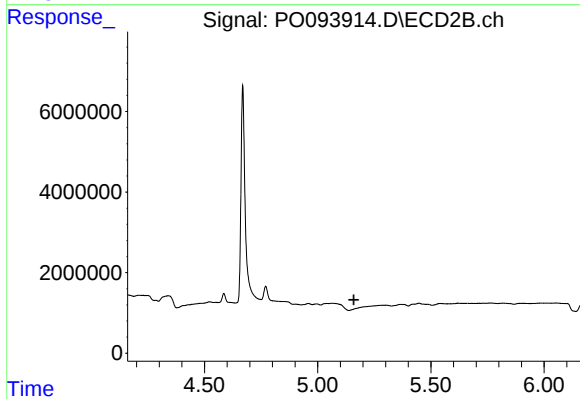
#23 AR-1248-3

R.T.: 4.959 min
Delta R.T.: -0.029 min
Response: 928014
Conc: 22.23 ng/ml



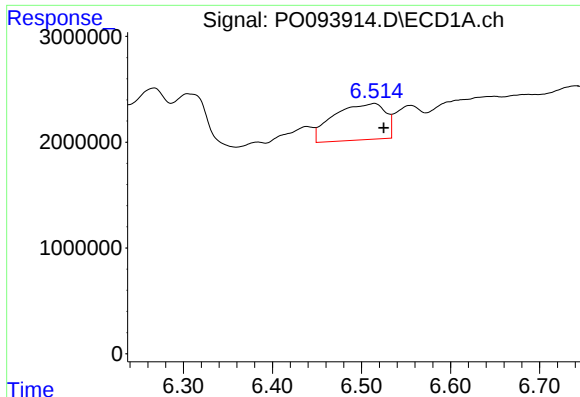
#24 AR-1248-4

R.T.: 6.514 min
Delta R.T.: 0.028 min
Response: 13853097
Conc: 128.99 ng/ml



#24 AR-1248-4

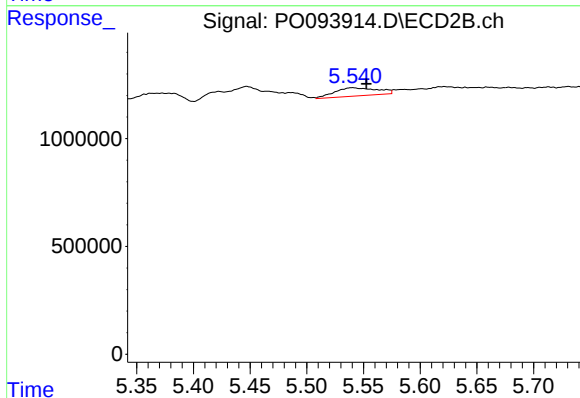
R.T.: 0.000 min
Exp R.T. : 5.160 min
Response: 0
Conc: N.D.



#25 AR-1248-5

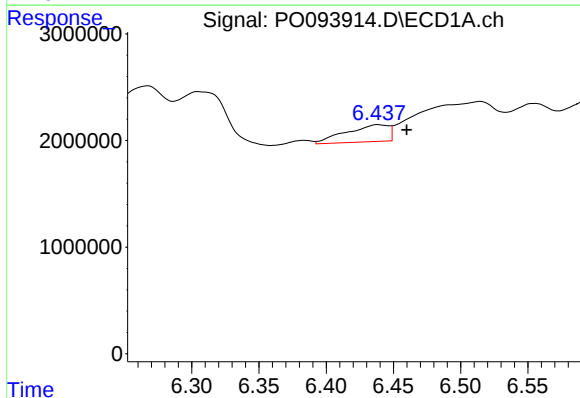
R.T.: 6.514 min
Delta R.T.: -0.011 min
Response: 13853097
Conc: 119.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



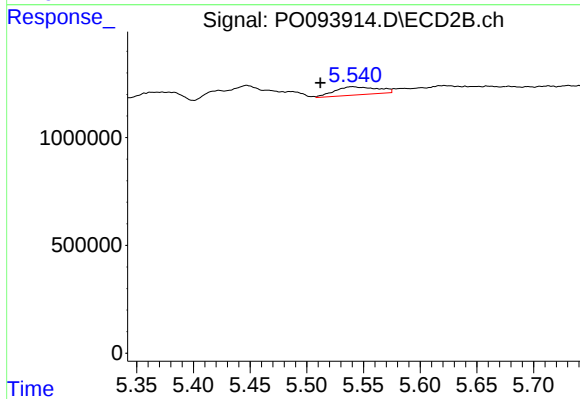
#25 AR-1248-5

R.T.: 5.540 min
Delta R.T.: -0.012 min
Response: 1000921
Conc: 26.81 ng/ml



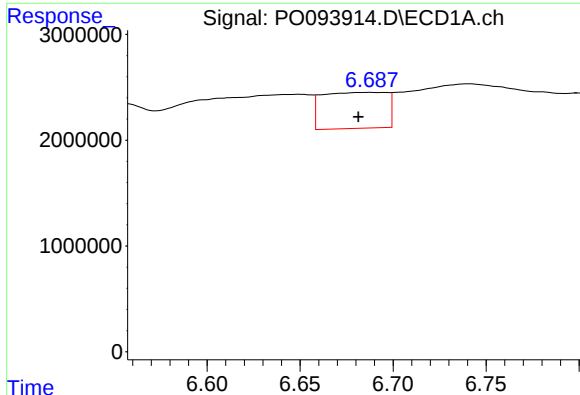
#26 AR-1254-1

R.T.: 6.439 min
Delta R.T.: -0.021 min
Response: 3491080
Conc: 25.74 ng/ml



#26 AR-1254-1

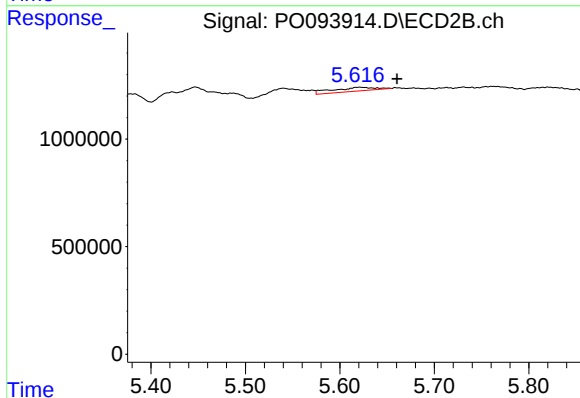
R.T.: 5.540 min
Delta R.T.: 0.028 min
Response: 1000921
Conc: 14.64 ng/ml



#27 AR-1254-2

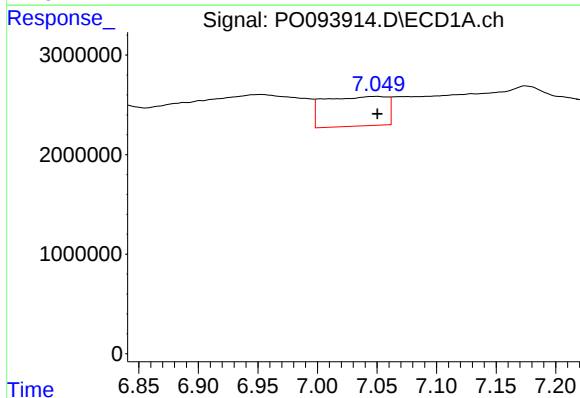
R.T.: 6.687 min
Delta R.T.: 0.006 min
Response: 8211173
Conc: 42.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



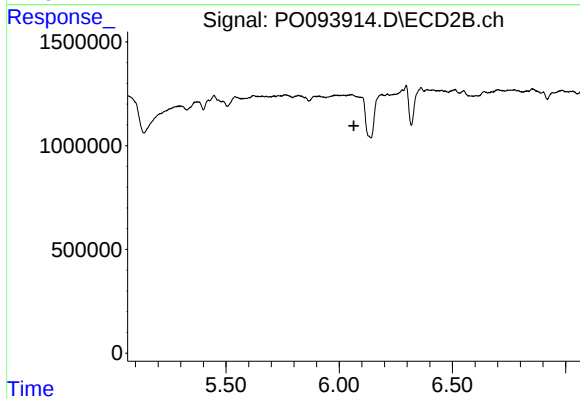
#27 AR-1254-2

R.T.: 5.621 min
Delta R.T.: -0.039 min
Response: 573433
Conc: 9.42 ng/ml



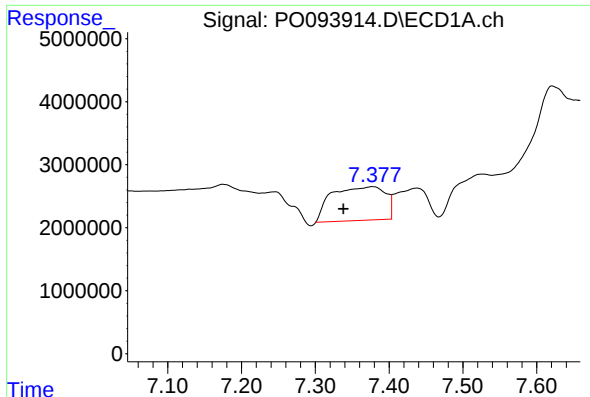
#28 AR-1254-3

R.T.: 7.049 min
Delta R.T.: -0.001 min
Response: 10880091
Conc: 58.89 ng/ml



#28 AR-1254-3

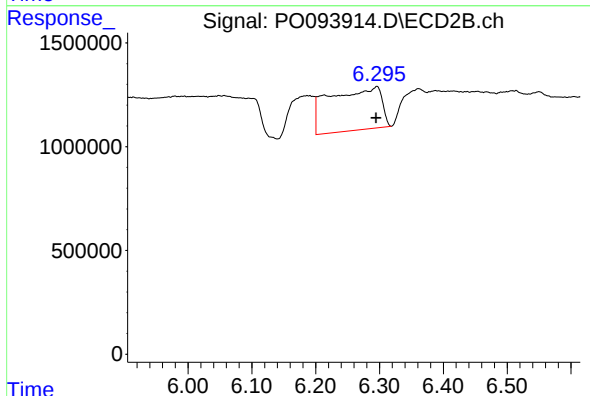
R.T.: 0.000 min
Exp R.T.: 6.065 min
Response: 0
Conc: N.D.



#29 AR-1254-4

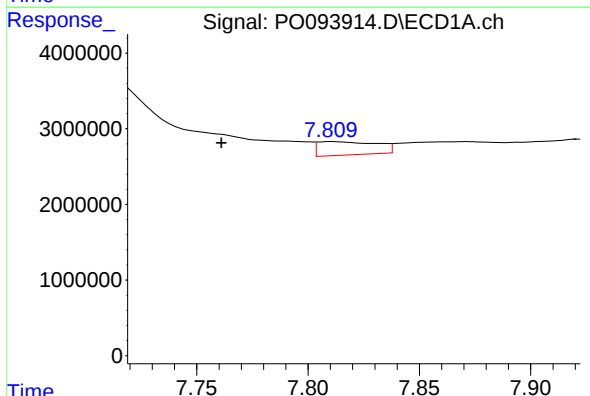
R.T.: 7.378 min
Delta R.T.: 0.040 min
Response: 26891210
Conc: 265.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



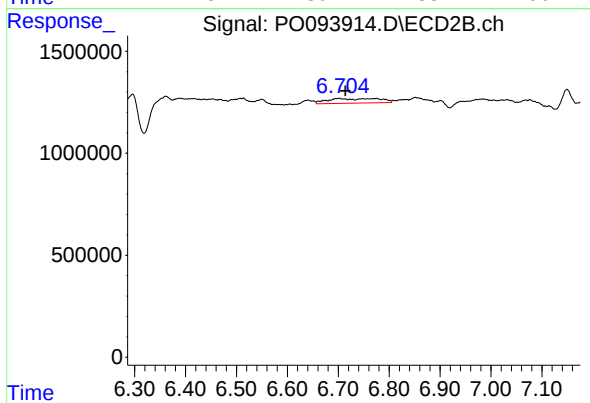
#29 AR-1254-4

R.T.: 6.295 min
Delta R.T.: 0.000 min
Response: 11575477
Conc: 271.76 ng/ml



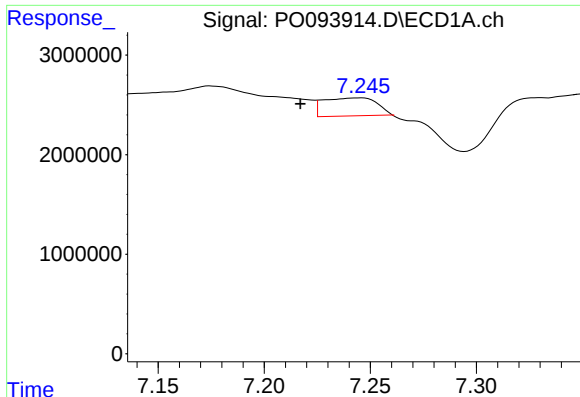
#30 AR-1254-5

R.T.: 7.810 min
Delta R.T.: 0.049 min
Response: 3259823
Conc: 24.04 ng/ml



#30 AR-1254-5

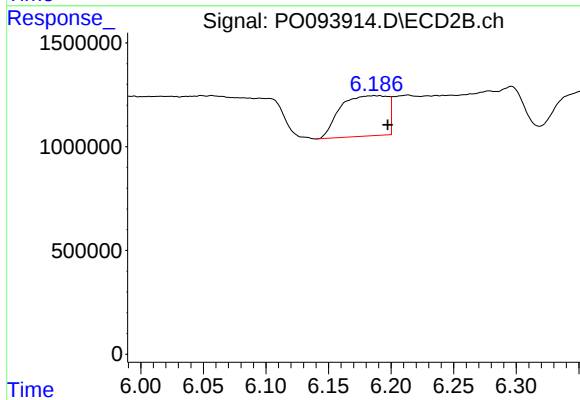
R.T.: 6.700 min
Delta R.T.: -0.014 min
Response: 1619058
Conc: 22.44 ng/ml



#31 AR-1260-1

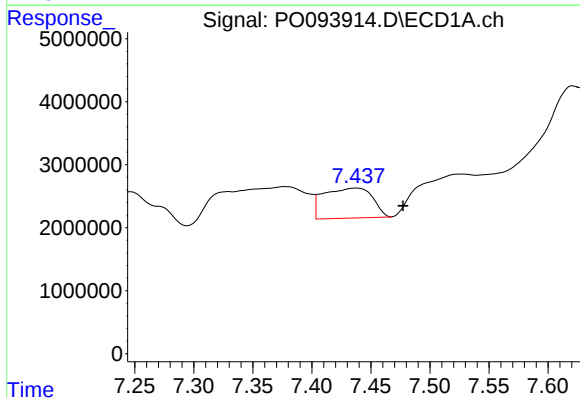
R.T.: 7.245 min
Delta R.T.: 0.028 min
Response: 3116091
Conc: 21.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



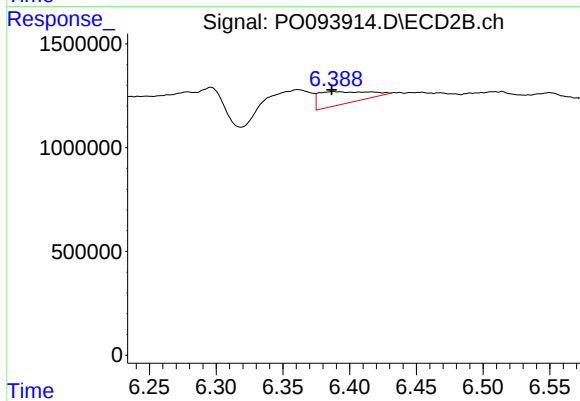
#31 AR-1260-1

R.T.: 6.187 min
Delta R.T.: -0.010 min
Response: 5123291
Conc: 78.56 ng/ml



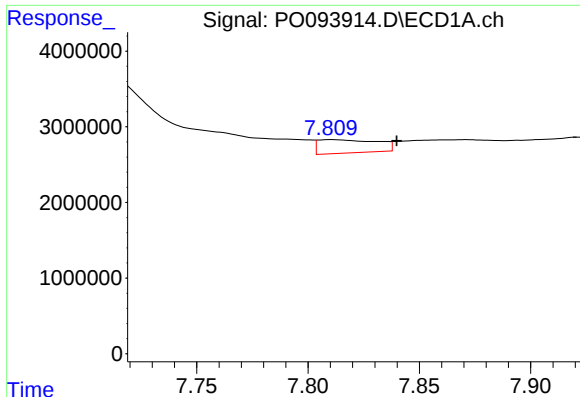
#32 AR-1260-2

R.T.: 7.437 min
Delta R.T.: -0.040 min
Response: 13730171
Conc: 85.78 ng/ml



#32 AR-1260-2

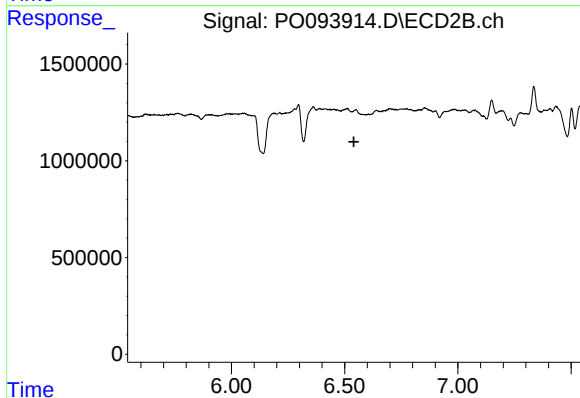
R.T.: 6.389 min
Delta R.T.: 0.002 min
Response: 1527792
Conc: 21.04 ng/ml



#33 AR-1260-3

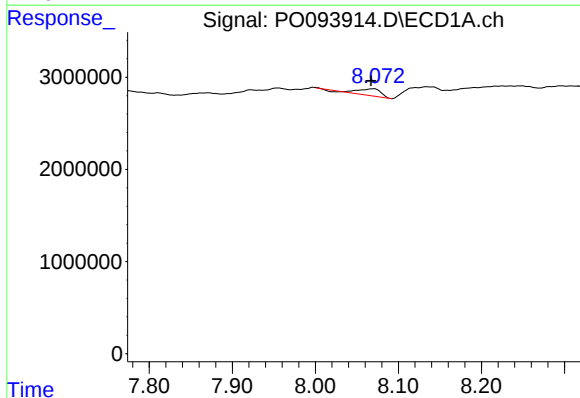
R.T.: 7.810 min
Delta R.T.: -0.029 min
Response: 3259823
Conc: 24.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



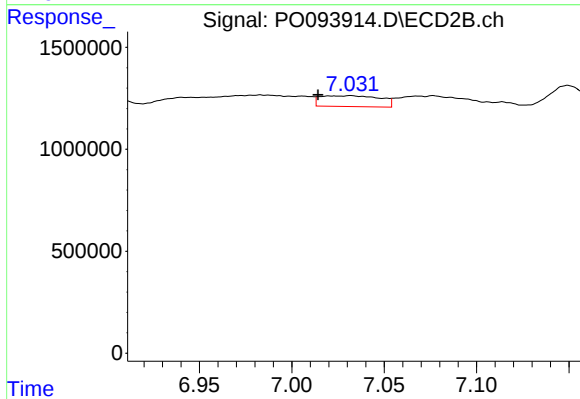
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.540 min
Response: 0
Conc: N.D.



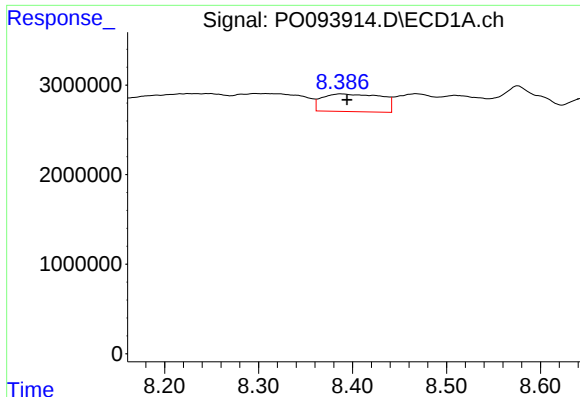
#34 AR-1260-4

R.T.: 8.069 min
Delta R.T.: 0.002 min
Response: 1317713
Conc: 9.57 ng/ml



#34 AR-1260-4

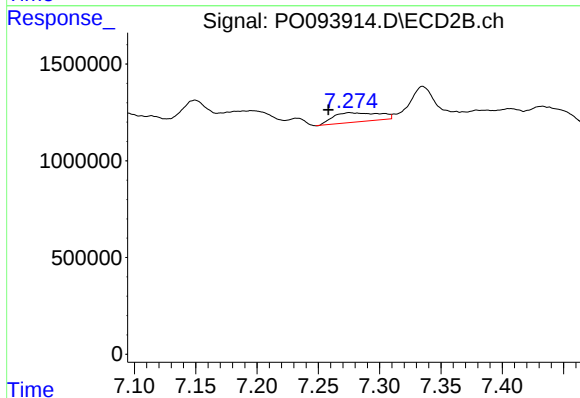
R.T.: 7.031 min
Delta R.T.: 0.017 min
Response: 1191782
Conc: 21.46 ng/ml



#35 AR-1260-5

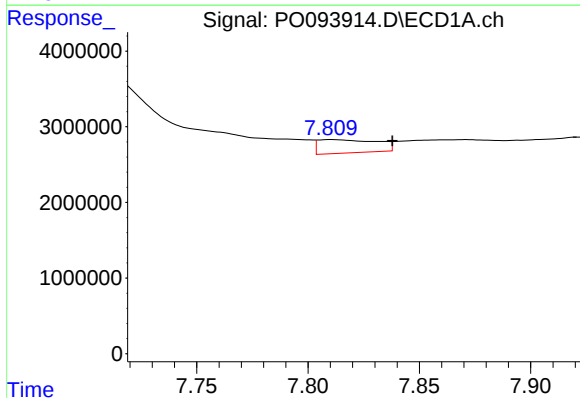
R.T.: 8.388 min
Delta R.T.: -0.006 min
Response: 8623249
Conc: 39.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



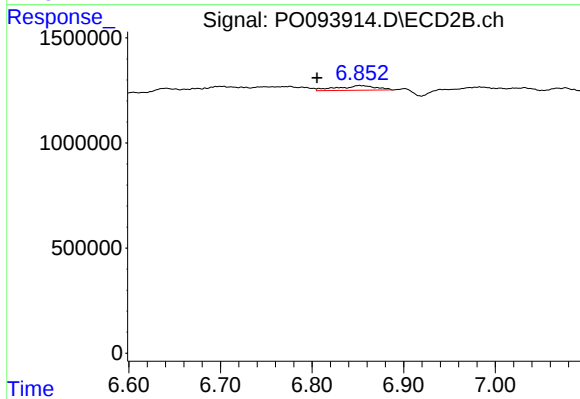
#35 AR-1260-5

R.T.: 7.277 min
Delta R.T.: 0.018 min
Response: 1257755
Conc: 12.12 ng/ml



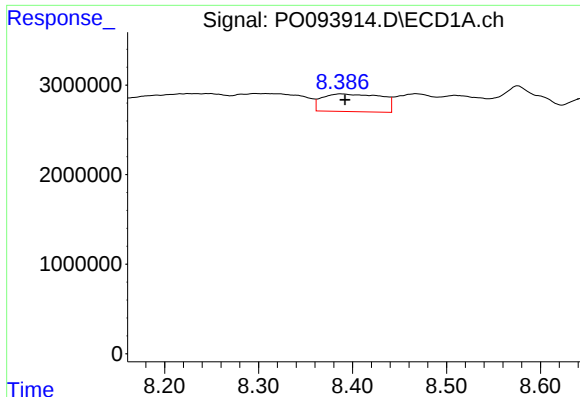
#36 AR-1262-1

R.T.: 7.810 min
Delta R.T.: -0.027 min
Response: 3259823
Conc: 19.08 ng/ml



#36 AR-1262-1

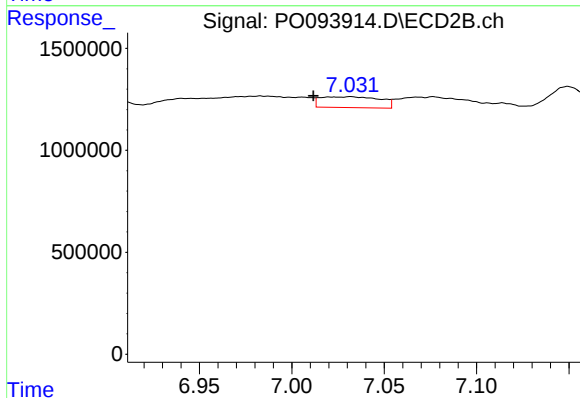
R.T.: 6.852 min
Delta R.T.: 0.047 min
Response: 638095
Conc: 18.24 ng/ml



#37 AR-1262-2

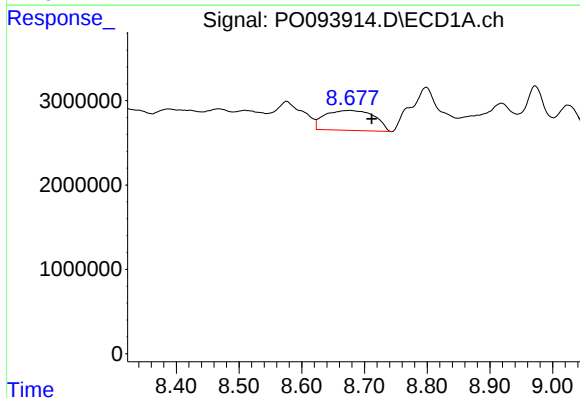
R.T.: 8.388 min
Delta R.T.: -0.004 min
Response: 8623249
Conc: 37.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



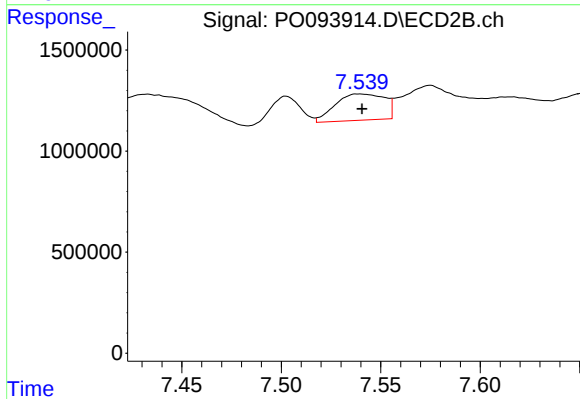
#37 AR-1262-2

R.T.: 7.031 min
Delta R.T.: 0.019 min
Response: 1191782
Conc: 16.87 ng/ml



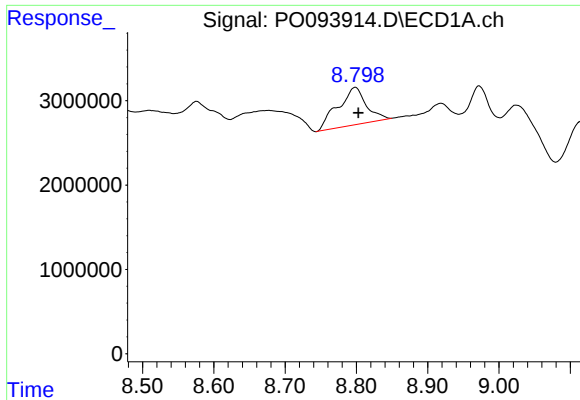
#38 AR-1262-3

R.T.: 8.677 min
Delta R.T.: -0.035 min
Response: 13025302
Conc: 79.52 ng/ml



#38 AR-1262-3

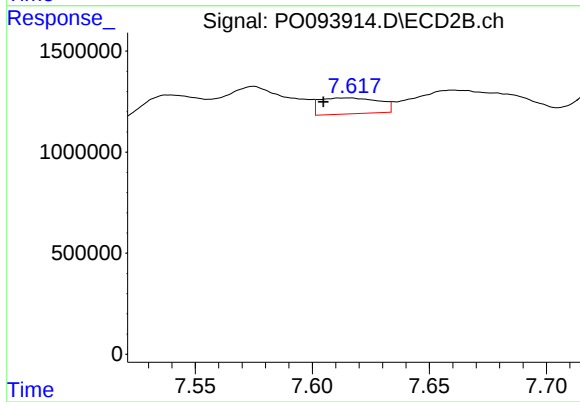
R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 2238257
Conc: 44.74 ng/ml



#39 AR-1262-4

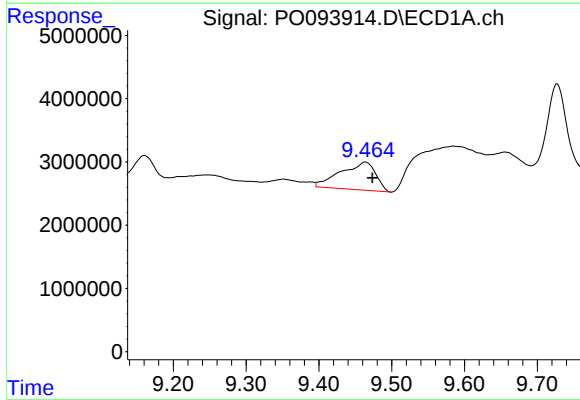
R.T.: 8.798 min
Delta R.T.: -0.005 min
Response: 12291122
Conc: 122.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



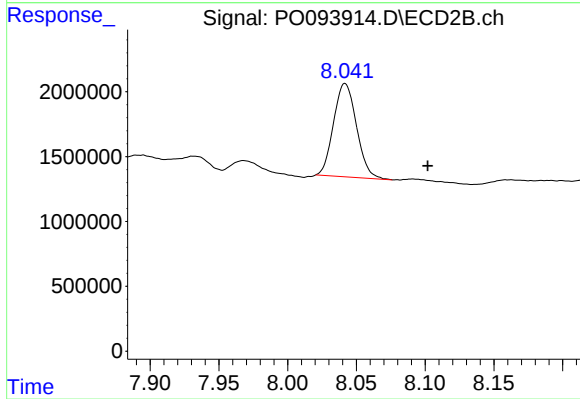
#39 AR-1262-4

R.T.: 7.614 min
Delta R.T.: 0.009 min
Response: 1385240
Conc: 16.70 ng/ml



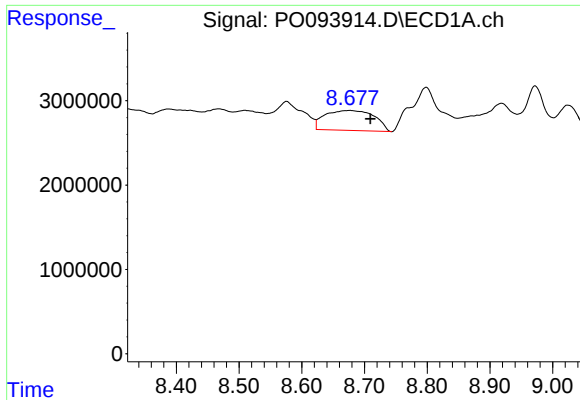
#40 AR-1262-5

R.T.: 9.464 min
Delta R.T.: -0.009 min
Response: 14720902
Conc: 182.90 ng/ml



#40 AR-1262-5

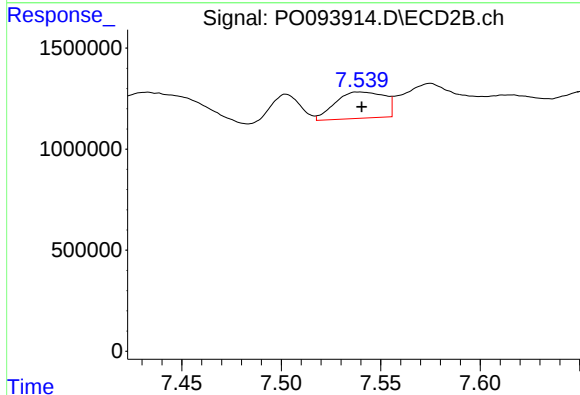
R.T.: 8.042 min
Delta R.T.: -0.060 min
Response: 8292198
Conc: 254.90 ng/ml



#41 AR-1268-1

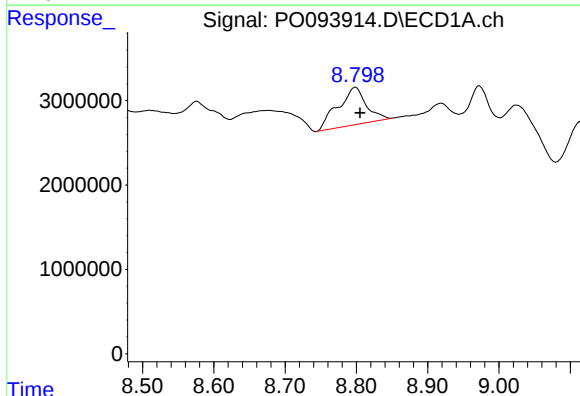
R.T.: 8.677 min
Delta R.T.: -0.033 min
Response: 13025302
Conc: 38.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



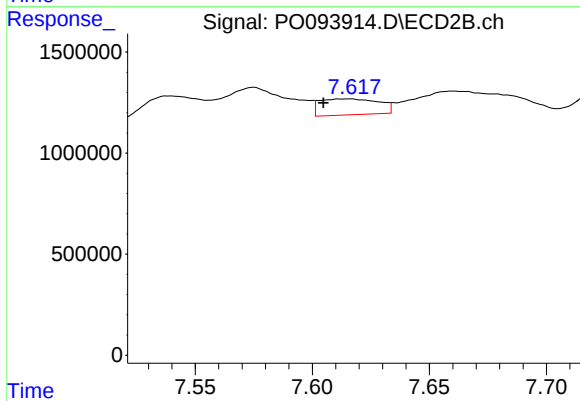
#41 AR-1268-1

R.T.: 7.540 min
Delta R.T.: 0.000 min
Response: 2238257
Conc: 14.65 ng/ml



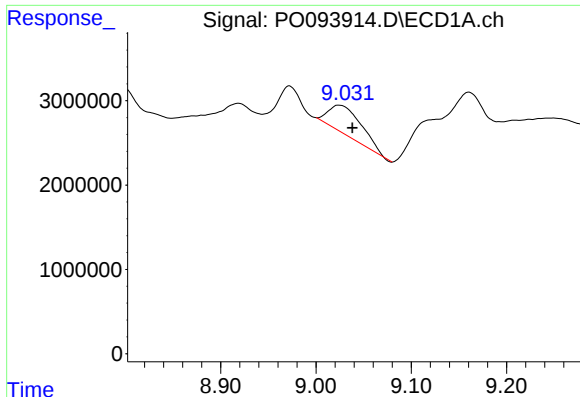
#42 AR-1268-2

R.T.: 8.798 min
Delta R.T.: -0.007 min
Response: 12291122
Conc: 38.19 ng/ml



#42 AR-1268-2

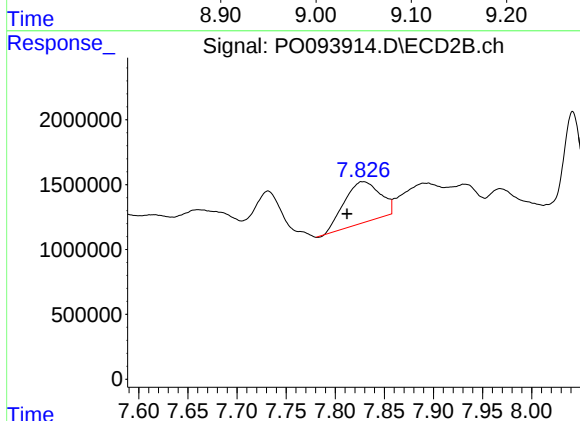
R.T.: 7.614 min
Delta R.T.: 0.009 min
Response: 1385240
Conc: 10.20 ng/ml



#43 AR-1268-3

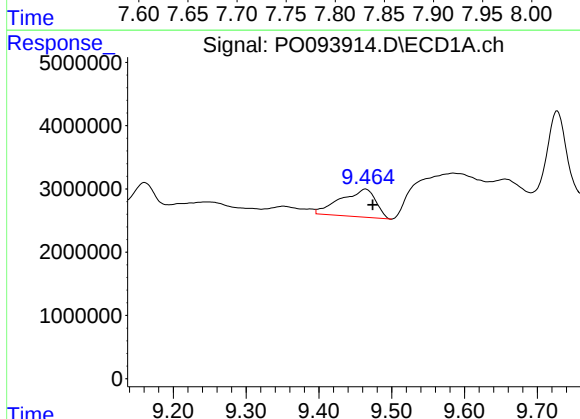
R.T.: 9.025 min
Delta R.T.: -0.013 min
Response: 8054157
Conc: 28.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



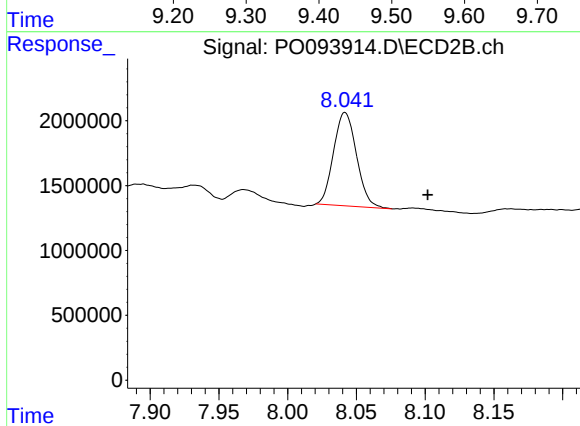
#43 AR-1268-3

R.T.: 7.829 min
Delta R.T.: 0.017 min
Response: 8035777
Conc: 61.40 ng/ml



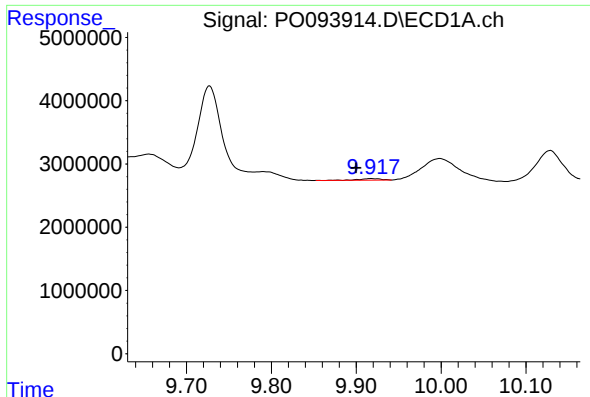
#44 AR-1268-4

R.T.: 9.464 min
Delta R.T.: -0.010 min
Response: 14720902
Conc: 152.25 ng/ml



#44 AR-1268-4

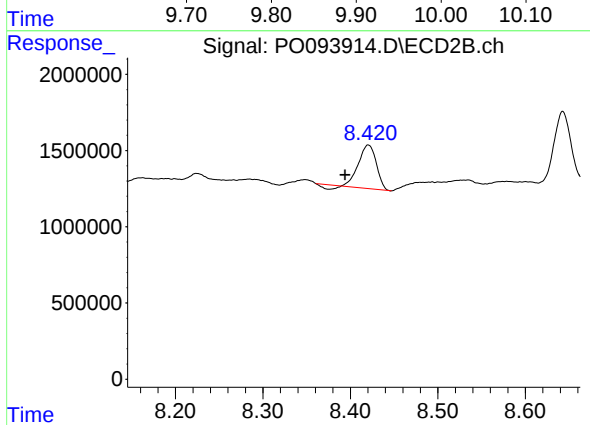
R.T.: 8.042 min
Delta R.T.: -0.060 min
Response: 8292198
Conc: 209.48 ng/ml



#45 AR-1268-5

R.T.: 9.917 min
Delta R.T.: 0.018 min
Response: 394184
Conc: 0.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.420 min
Delta R.T.: 0.026 min
Response: 3814717
Conc: 10.88 ng/ml