

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0083023\
 Data File : P0097563.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Aug 2023 23:03
 Operator : YP/AJ
 Sample : 04211-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TRE-1767

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 01:33:34 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...	4.447	3.628	65276532	13191925	19.558	19.554
2)	SA Decachlor...	10.307	8.673	22942939	8072738	12.500	14.063
Target Compounds							
3)	L1 AR-1016-1	5.614	4.732	7109997	2142538	78.993	98.423
4)	L1 AR-1016-2	5.677	4.732	4319704	2142538	31.131	71.005 #
5)	L1 AR-1016-3	5.703	4.909	2088267	-150806	23.032	N.D. #
6)	L1 AR-1016-4	5.812	4.966	3873598	526167	55.868	36.669 #
7)	L1 AR-1016-5	6.101	5.159	-88955	1272078	N.D.	69.557 #
8)	L2 AR-1221-1	4.658	3.843	19206381	321751	477.221	39.304 #
9)	L2 AR-1221-2	4.755	3.927	2572126	141294	85.568	24.379 #
10)	L2 AR-1221-3	4.818	4.006	5367106	156370	60.250	8.504 #
11)	L3 AR-1232-1	4.818	4.006	5367106	156370	72.769	10.379 #
12)	L3 AR-1232-2	5.325	4.732	353928	2142538	9.236	153.474 #
13)	L3 AR-1232-3	5.677	4.909	4319704	-150806	66.790	N.D. #
14)	L3 AR-1232-4	5.812	5.023	3873598	608305	121.605	86.033 #
15)	L3 AR-1232-5	5.918	5.159	3931252	1272078	133.606	161.613
16)	L4 AR-1242-1	5.614	4.732	7109997	2142538	87.788	111.069 #
17)	L4 AR-1242-2	5.677	4.732	4319704	2142538	34.589	78.713 #
18)	L4 AR-1242-3	5.703	4.909	2088267	-150806	25.399	N.D. #
19)	L4 AR-1242-4	5.812	5.023	3873598	608305	61.706	38.407 #
20)	L4 AR-1242-5	6.543	5.533	652526	159647	10.375	9.046
21)	L5 AR-1248-1	5.614	4.732	7109997	2142538	120.553	155.915 #
22)	L5 AR-1248-2	5.918	4.966	3931252	526167	39.748	23.729 #
23)	L5 AR-1248-3	6.101	5.023	-88955	608305	N.D.	26.457 #
24)	L5 AR-1248-4	6.516	5.159	518581	1272078	5.669	46.876 #
25)	L5 AR-1248-5	6.543	5.569	652526	585808	6.428	25.912 #
26)	L6 AR-1254-1	6.496	5.533	1107724	159647	10.076	4.136 #
27)	L6 AR-1254-2	6.694	5.679	2653941	447722	16.286	13.145
28)	L6 AR-1254-3	7.080	6.064	1999862	488920	12.280	9.215
29)	L6 AR-1254-4	7.350	6.315	999056	366751	10.250	13.450 #
30)	L6 AR-1254-5	7.793	6.733	390075	318936	3.454	7.234 #
31)	L7 AR-1260-1	7.239	6.219	1044474	229052	8.183	6.133 #
32)	L7 AR-1260-2	7.485	6.413	15733	111908	0.115	2.645 #
33)	L7 AR-1260-3	7.870	6.572	612043	594011	5.790	14.191 #
34)	L7 AR-1260-4	8.097	7.044	4027941	178176	35.606	5.509 #
35)	L7 AR-1260-5	8.407	7.274	466242	161643	2.480	2.448
36)	L8 AR-1262-1	7.870	6.810	612043	509512	4.067	25.388 #
37)	L8 AR-1262-2	8.407	7.044	466242	178176	2.129	4.078 #
38)	L8 AR-1262-3	8.738	7.556	13804	134764	0.089	4.324 #
39)	L8 AR-1262-4	8.836	7.628	17901	306276	0.144	5.445 #
40)	L8 AR-1262-5	9.491	8.119	132863	36550	1.932	1.554
41)	L9 AR-1268-1	8.738	7.556	13804	134764	0.049	1.408 #

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 Acq On : 30 Aug 2023 23:03
 Operator : YP/AJ
 Sample : 04211-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

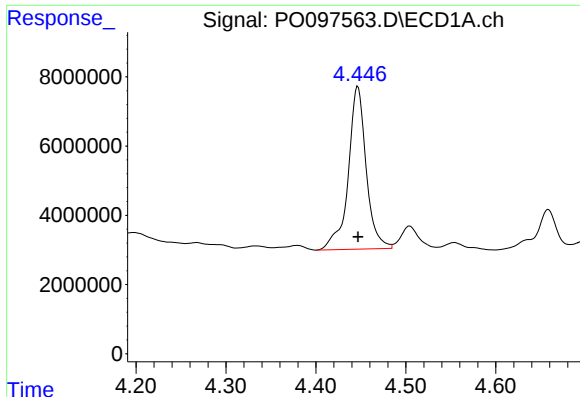
Instrument :
 ECD_O
 ClientSampleId :
 TRE-1767

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 01:33:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0082823.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.836	7.628	17901	306276	0.070	3.695 #
43) L9	AR-1268-3	9.062	7.921	1783002	224065	7.906	11.308 #
44) L9	AR-1268-4	9.491	8.119	132863	36550	1.726	1.414
45) L9	AR-1268-5	9.954	8.419	147487	139110	0.214	0.610 #

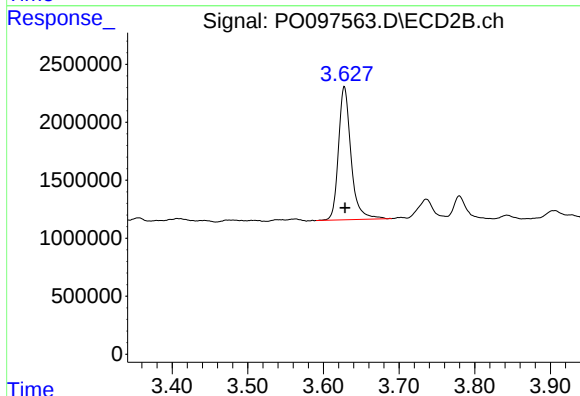
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

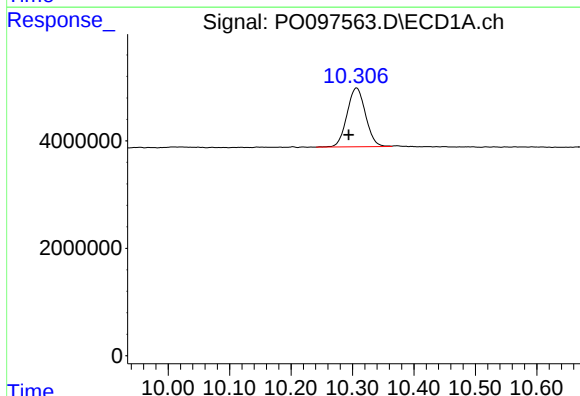
R.T.: 4.447 min
Delta R.T.: 0.000 min
Response: 65276532
Conc: 19.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
TRE-1767



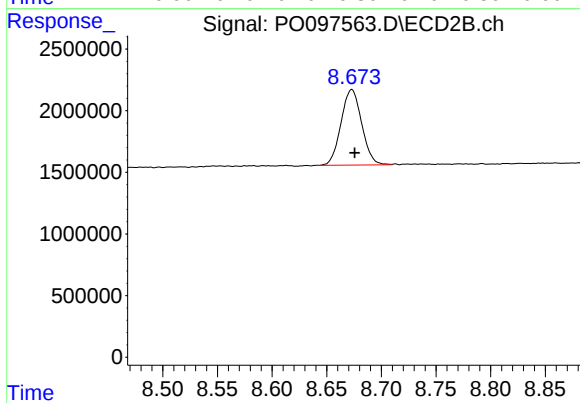
#1 Tetrachloro-m-xylene

R.T.: 3.628 min
Delta R.T.: 0.000 min
Response: 13191925
Conc: 19.55 ng/ml



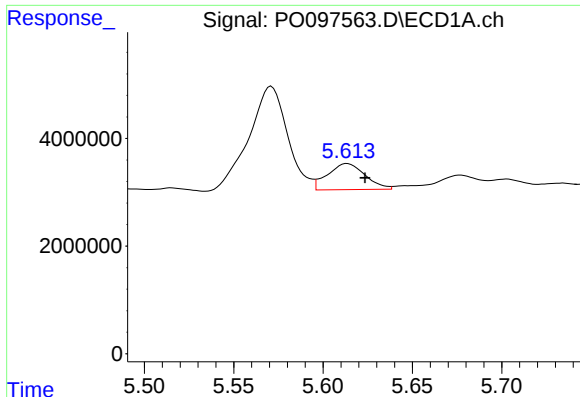
#2 Decachlorobiphenyl

R.T.: 10.307 min
Delta R.T.: 0.013 min
Response: 22942939
Conc: 12.50 ng/ml



#2 Decachlorobiphenyl

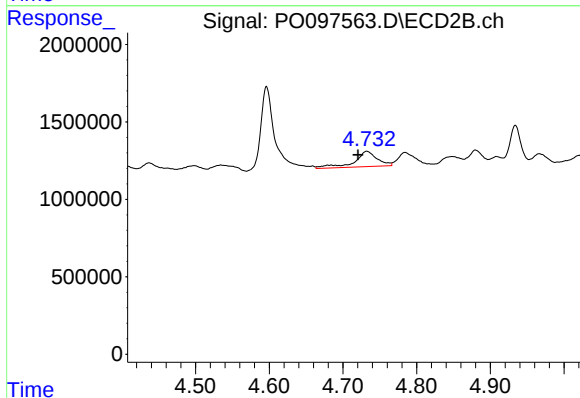
R.T.: 8.673 min
Delta R.T.: -0.003 min
Response: 8072738
Conc: 14.06 ng/ml



#3 AR-1016-1

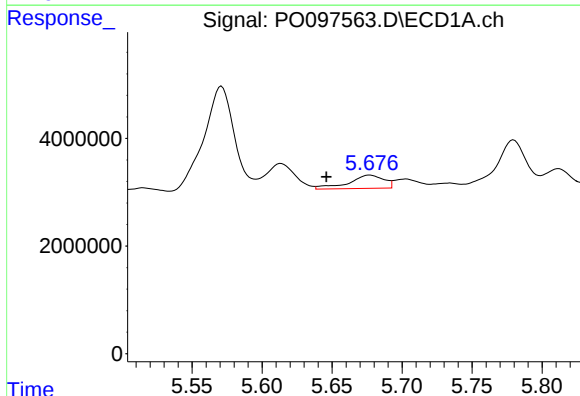
R.T.: 5.614 min
Delta R.T.: -0.010 min
Response: 7109997
Conc: 78.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
TRE-1767



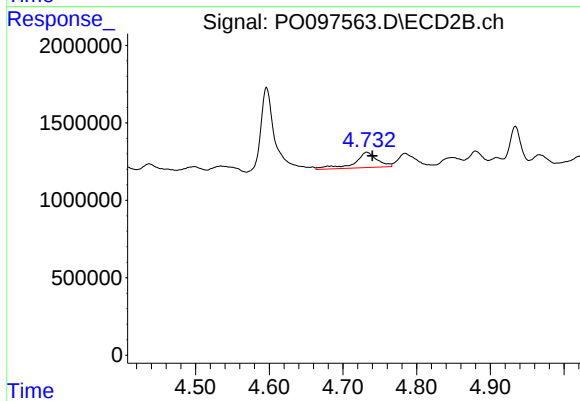
#3 AR-1016-1

R.T.: 4.732 min
Delta R.T.: 0.012 min
Response: 2142538
Conc: 98.42 ng/ml



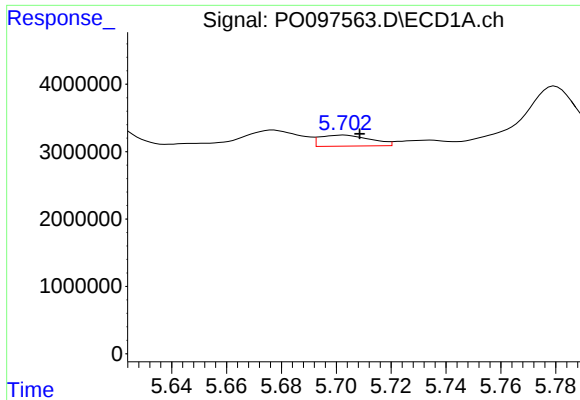
#4 AR-1016-2

R.T.: 5.677 min
Delta R.T.: 0.031 min
Response: 4319704
Conc: 31.13 ng/ml



#4 AR-1016-2

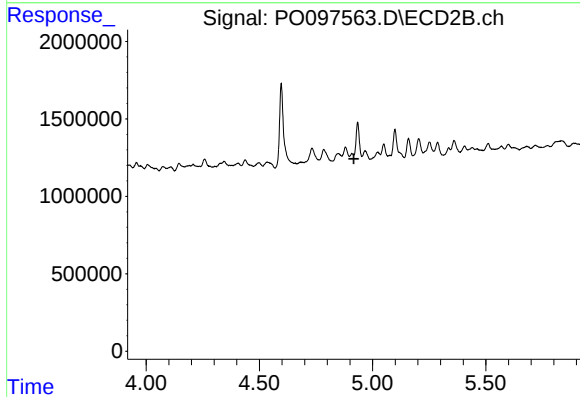
R.T.: 4.732 min
Delta R.T.: -0.008 min
Response: 2142538
Conc: 71.00 ng/ml



#5 AR-1016-3

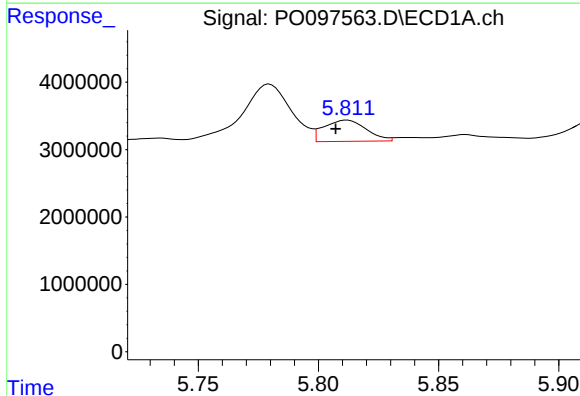
R.T.: 5.703 min
Delta R.T.: -0.006 min
Response: 2088267
Conc: 23.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
TRE-1767



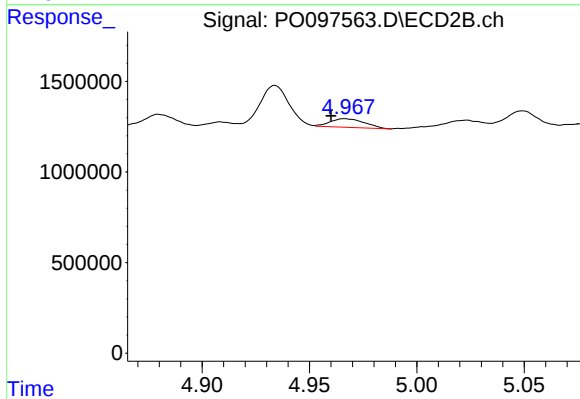
#5 AR-1016-3

R.T.: 4.909 min
Delta R.T.: -0.009 min
Response: -150806
Conc: N.D.



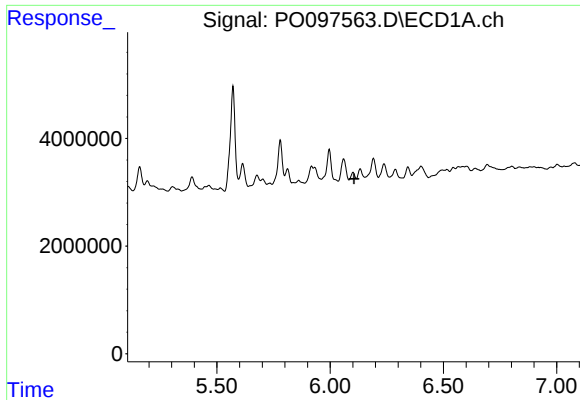
#6 AR-1016-4

R.T.: 5.812 min
Delta R.T.: 0.005 min
Response: 3873598
Conc: 55.87 ng/ml



#6 AR-1016-4

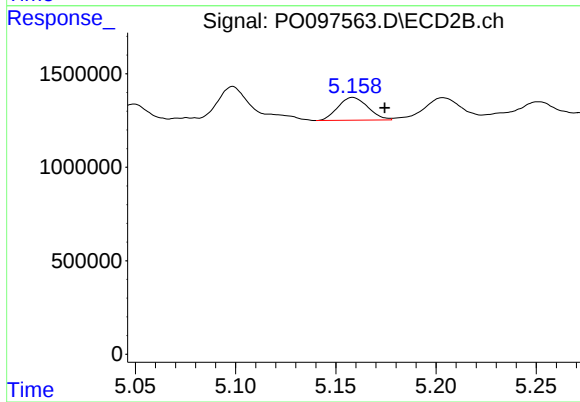
R.T.: 4.966 min
Delta R.T.: 0.006 min
Response: 526167
Conc: 36.67 ng/ml



#7 AR-1016-5

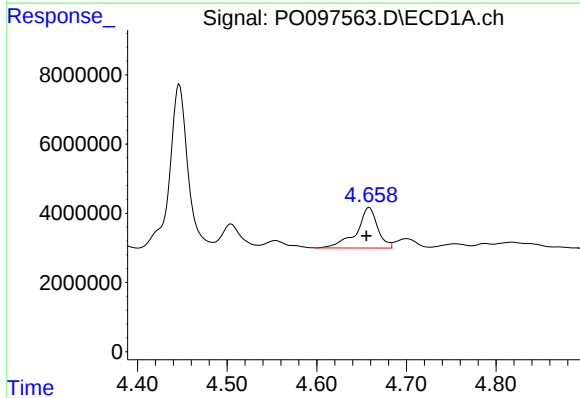
R.T.: 6.101 min
Delta R.T.: -0.004 min
Response: -88955
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
TRE-1767



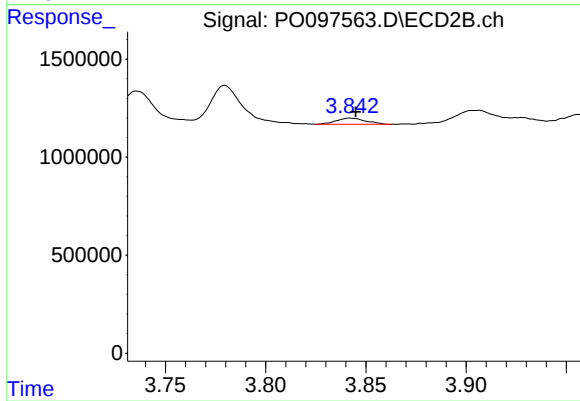
#7 AR-1016-5

R.T.: 5.159 min
Delta R.T.: -0.016 min
Response: 1272078
Conc: 69.56 ng/ml



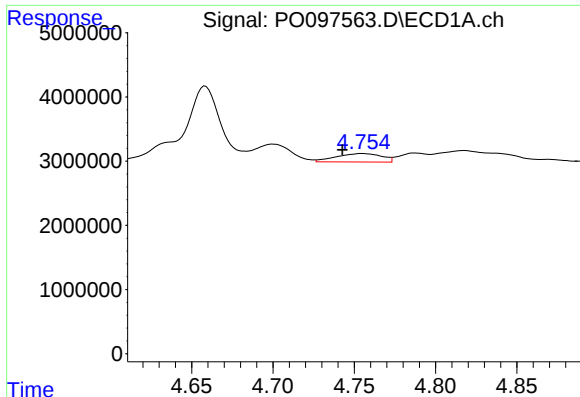
#8 AR-1221-1

R.T.: 4.658 min
Delta R.T.: 0.003 min
Response: 19206381
Conc: 477.22 ng/ml



#8 AR-1221-1

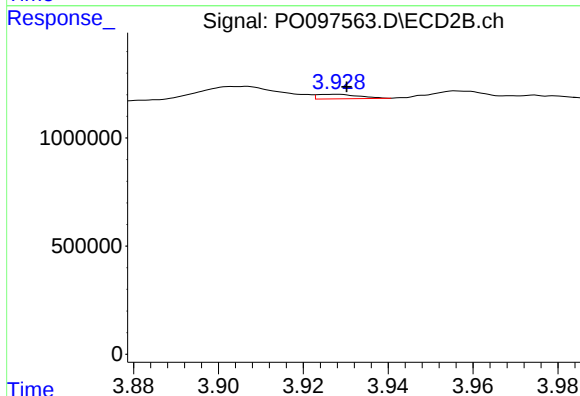
R.T.: 3.843 min
Delta R.T.: -0.002 min
Response: 321751
Conc: 39.30 ng/ml



#9 AR-1221-2

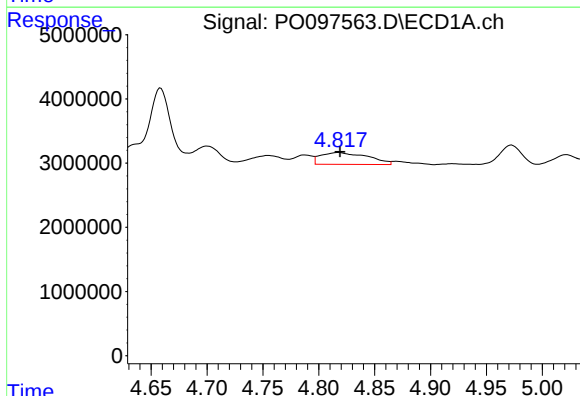
R.T.: 4.755 min
Delta R.T.: 0.012 min
Response: 2572126
Conc: 85.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
TRE-1767



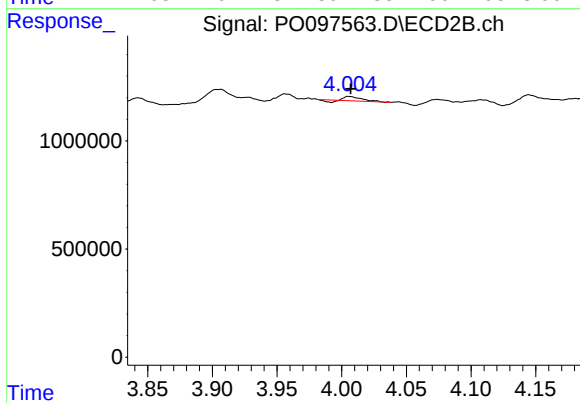
#9 AR-1221-2

R.T.: 3.927 min
Delta R.T.: -0.003 min
Response: 141294
Conc: 24.38 ng/ml



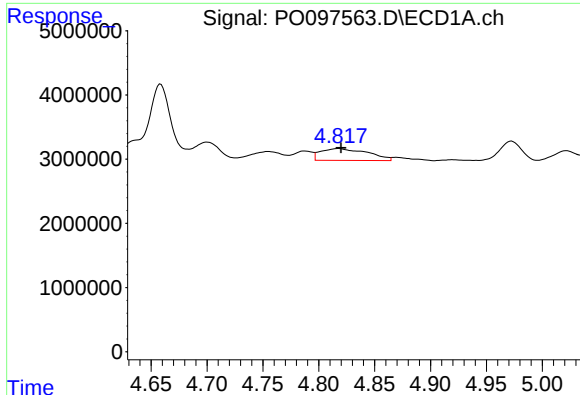
#10 AR-1221-3

R.T.: 4.818 min
Delta R.T.: -0.001 min
Response: 5367106
Conc: 60.25 ng/ml



#10 AR-1221-3

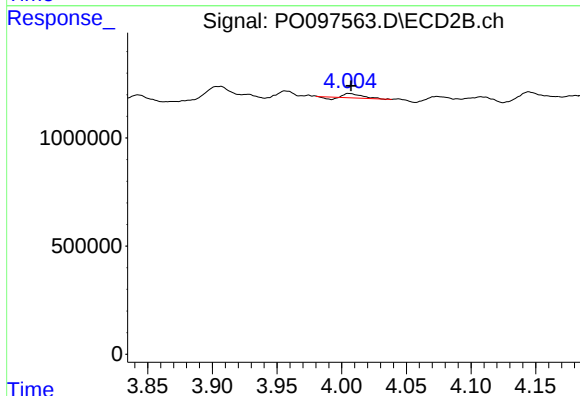
R.T.: 4.006 min
Delta R.T.: -0.001 min
Response: 156370
Conc: 8.50 ng/ml



#11 AR-1232-1

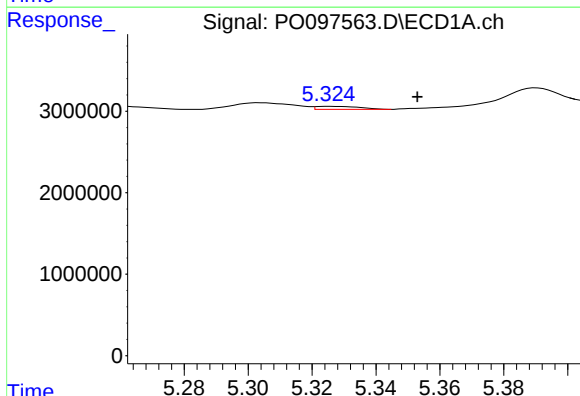
R.T.: 4.818 min
Delta R.T.: -0.002 min
Response: 5367106
Conc: 72.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
TRE-1767



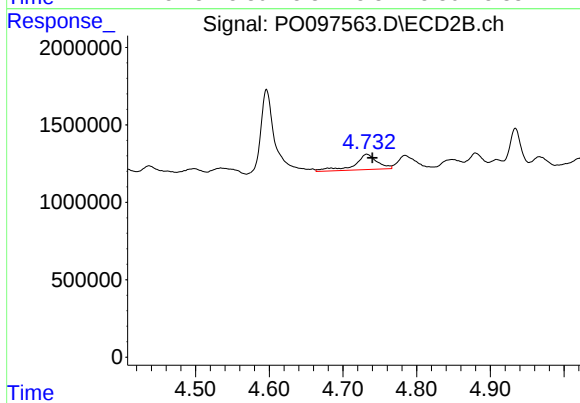
#11 AR-1232-1

R.T.: 4.006 min
Delta R.T.: -0.002 min
Response: 156370
Conc: 10.38 ng/ml



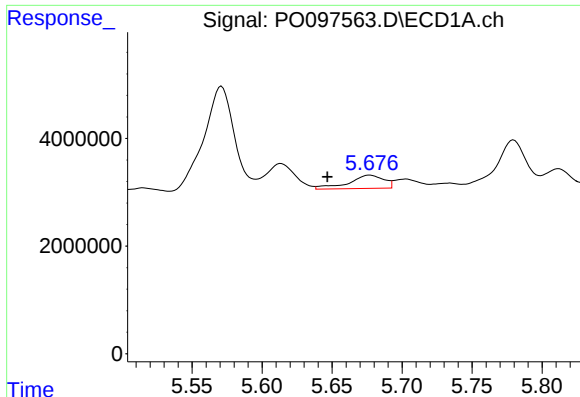
#12 AR-1232-2

R.T.: 5.325 min
Delta R.T.: -0.028 min
Response: 353928
Conc: 9.24 ng/ml



#12 AR-1232-2

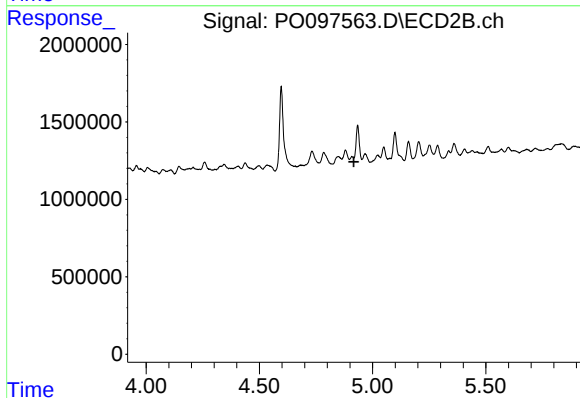
R.T.: 4.732 min
Delta R.T.: -0.008 min
Response: 2142538
Conc: 153.47 ng/ml



#13 AR-1232-3

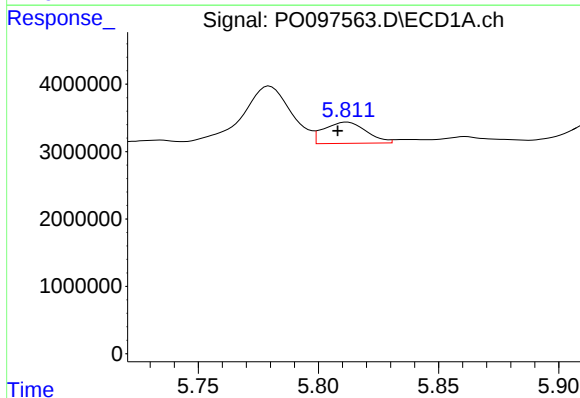
R.T.: 5.677 min
Delta R.T.: 0.030 min
Response: 4319704
Conc: 66.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
TRE-1767



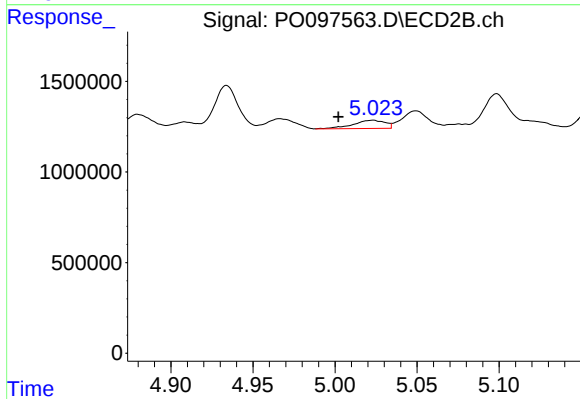
#13 AR-1232-3

R.T.: 4.909 min
Delta R.T.: -0.008 min
Response: -150806
Conc: N.D.



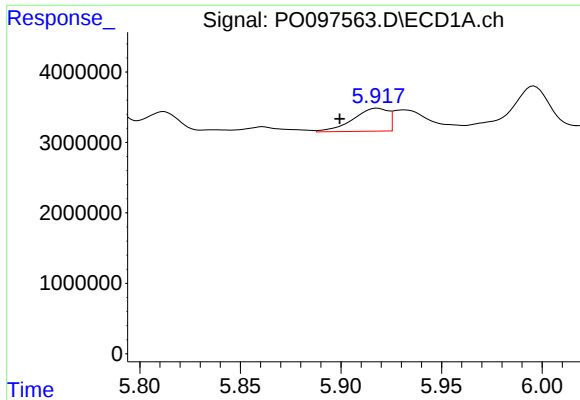
#14 AR-1232-4

R.T.: 5.812 min
Delta R.T.: 0.004 min
Response: 3873598
Conc: 121.60 ng/ml



#14 AR-1232-4

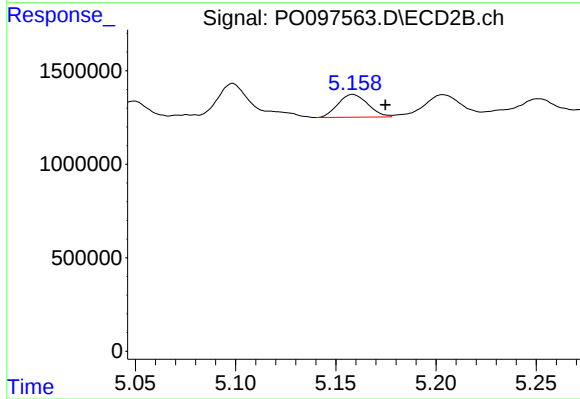
R.T.: 5.023 min
Delta R.T.: 0.021 min
Response: 608305
Conc: 86.03 ng/ml



#15 AR-1232-5

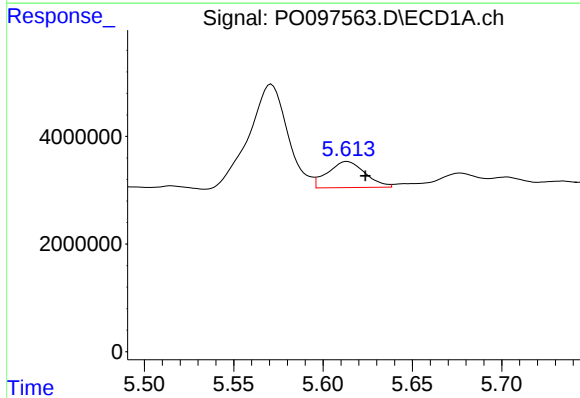
R.T.: 5.918 min
Delta R.T.: 0.019 min
Response: 3931252
Conc: 133.61 ng/ml

Instrument :
ECD_O
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TRE-1767



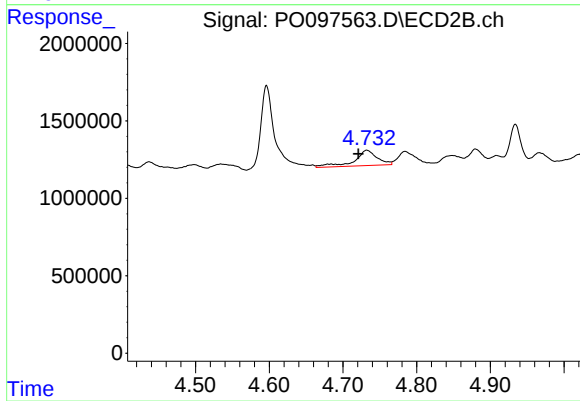
#15 AR-1232-5

R.T.: 5.159 min
Delta R.T.: -0.016 min
Response: 1272078
Conc: 161.61 ng/ml



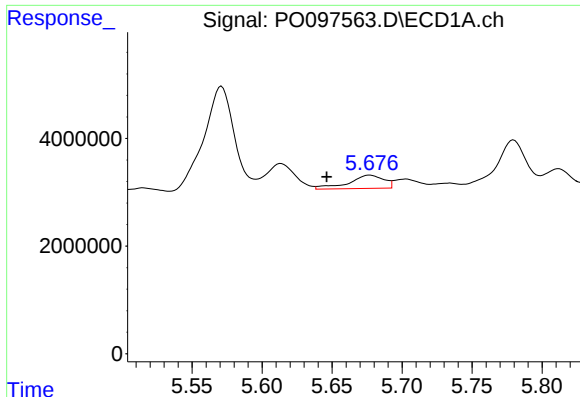
#16 AR-1242-1

R.T.: 5.614 min
Delta R.T.: -0.010 min
Response: 7109997
Conc: 87.79 ng/ml



#16 AR-1242-1

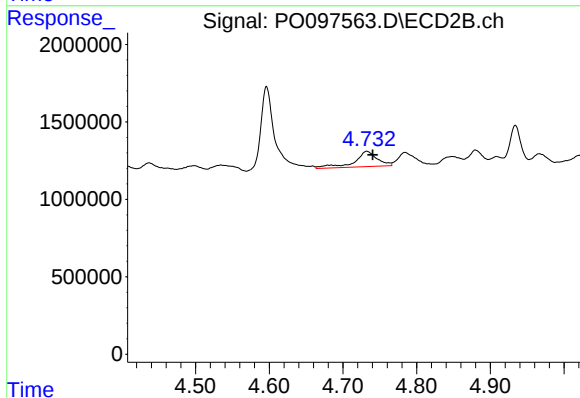
R.T.: 4.732 min
Delta R.T.: 0.011 min
Response: 2142538
Conc: 111.07 ng/ml



#17 AR-1242-2

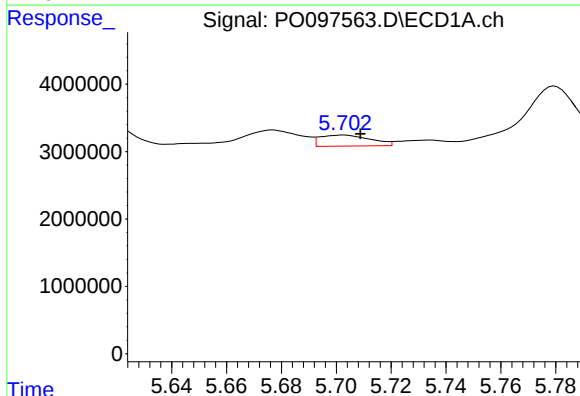
R.T.: 5.677 min
Delta R.T.: 0.031 min
Response: 4319704
Conc: 34.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
TRE-1767



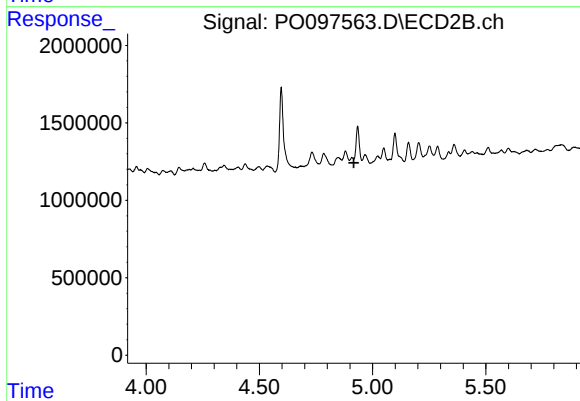
#17 AR-1242-2

R.T.: 4.732 min
Delta R.T.: -0.008 min
Response: 2142538
Conc: 78.71 ng/ml



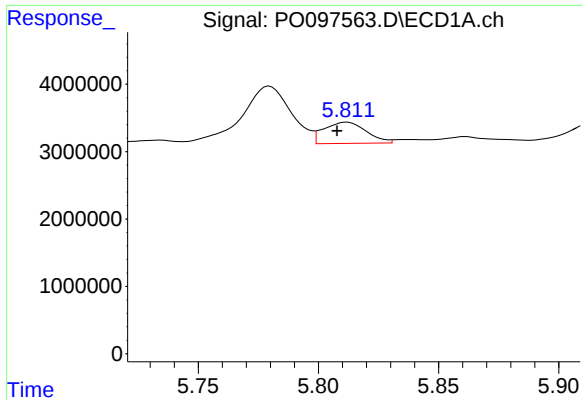
#18 AR-1242-3

R.T.: 5.703 min
Delta R.T.: -0.006 min
Response: 2088267
Conc: 25.40 ng/ml



#18 AR-1242-3

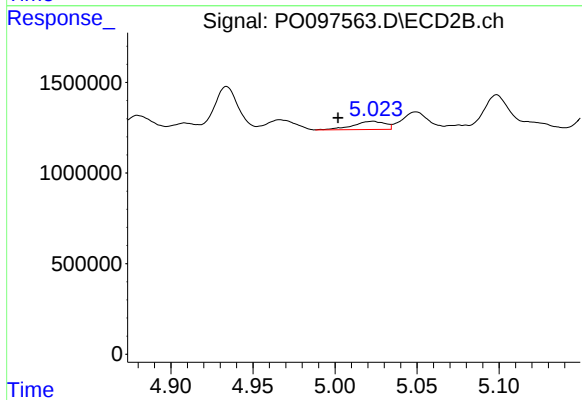
R.T.: 4.909 min
Delta R.T.: -0.009 min
Response: -150806
Conc: N.D.



#19 AR-1242-4

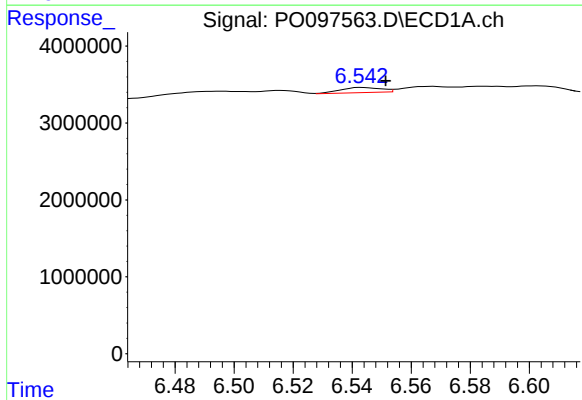
R.T.: 5.812 min
Delta R.T.: 0.004 min
Response: 3873598
Conc: 61.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
TRE-1767



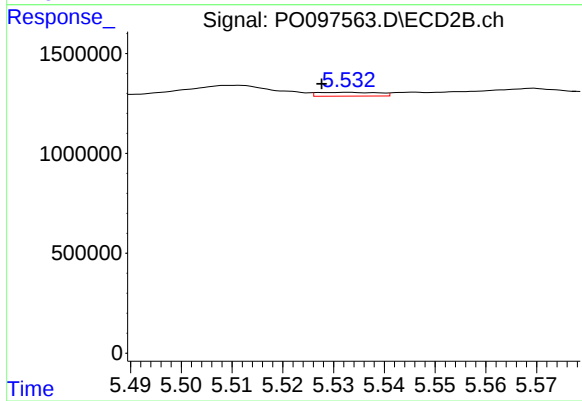
#19 AR-1242-4

R.T.: 5.023 min
Delta R.T.: 0.021 min
Response: 608305
Conc: 38.41 ng/ml



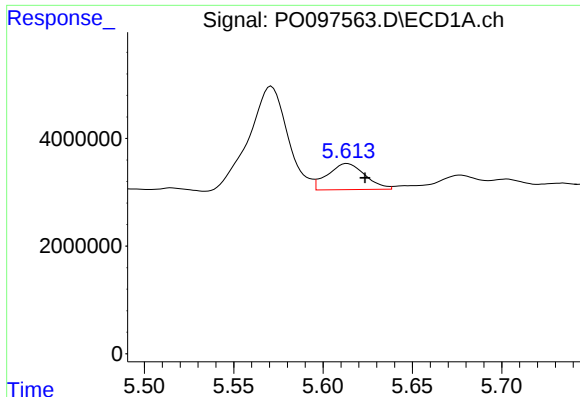
#20 AR-1242-5

R.T.: 6.543 min
Delta R.T.: -0.008 min
Response: 652526
Conc: 10.37 ng/ml



#20 AR-1242-5

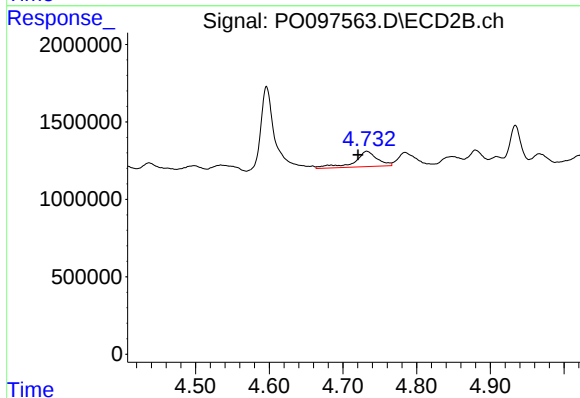
R.T.: 5.533 min
Delta R.T.: 0.005 min
Response: 159647
Conc: 9.05 ng/ml



#21 AR-1248-1

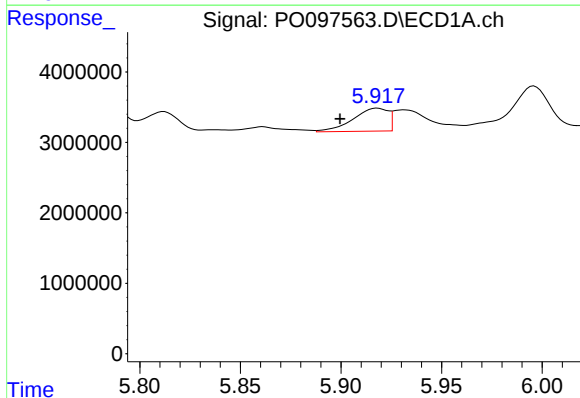
R.T.: 5.614 min
Delta R.T.: -0.010 min
Response: 7109997
Conc: 120.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
TRE-1767



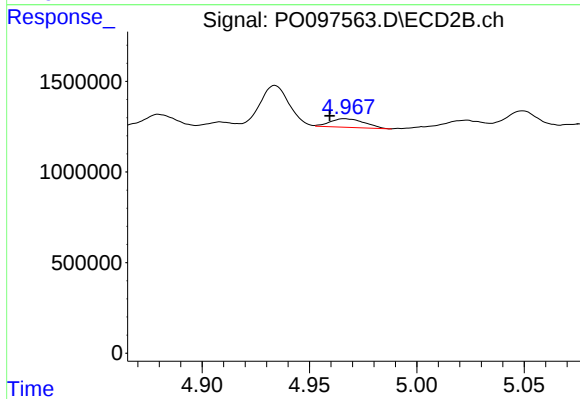
#21 AR-1248-1

R.T.: 4.732 min
Delta R.T.: 0.012 min
Response: 2142538
Conc: 155.91 ng/ml



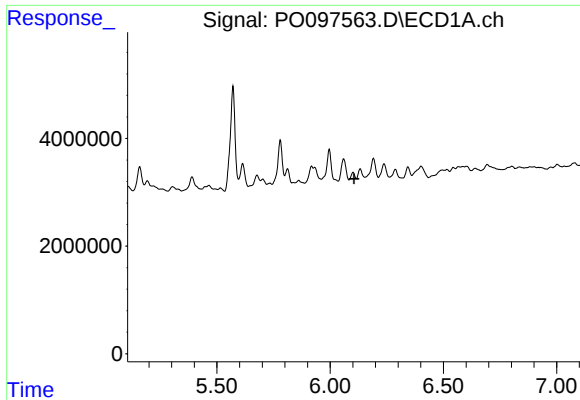
#22 AR-1248-2

R.T.: 5.918 min
Delta R.T.: 0.019 min
Response: 3931252
Conc: 39.75 ng/ml



#22 AR-1248-2

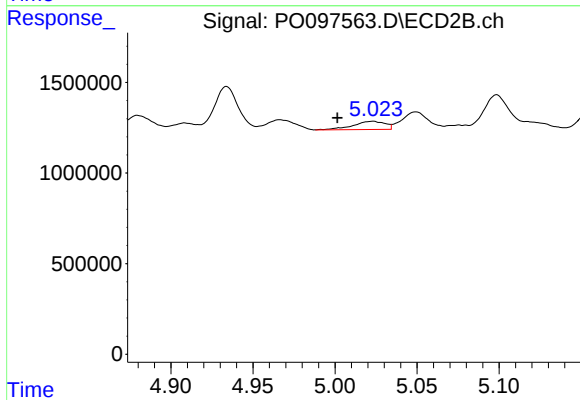
R.T.: 4.966 min
Delta R.T.: 0.007 min
Response: 526167
Conc: 23.73 ng/ml



#23 AR-1248-3

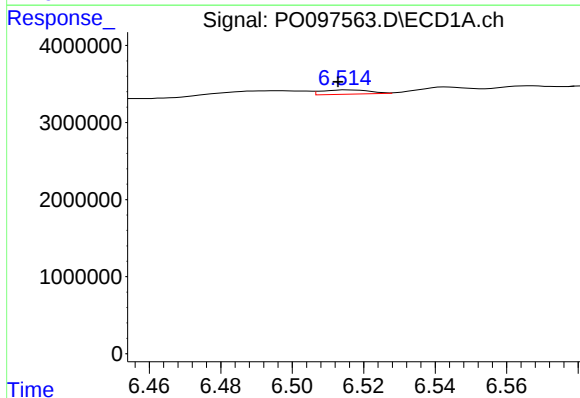
R.T.: 6.101 min
Delta R.T.: -0.004 min
Response: -88955
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
TRE-1767



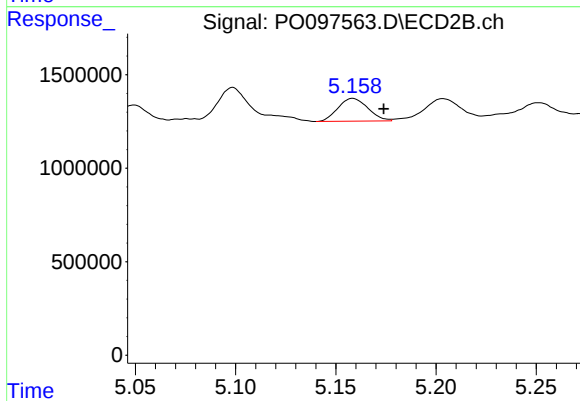
#23 AR-1248-3

R.T.: 5.023 min
Delta R.T.: 0.021 min
Response: 608305
Conc: 26.46 ng/ml



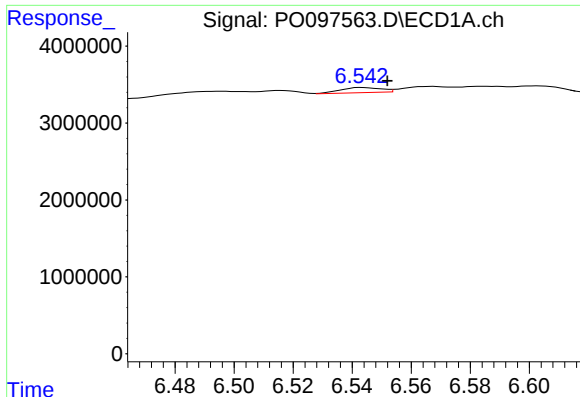
#24 AR-1248-4

R.T.: 6.516 min
Delta R.T.: 0.003 min
Response: 518581
Conc: 5.67 ng/ml



#24 AR-1248-4

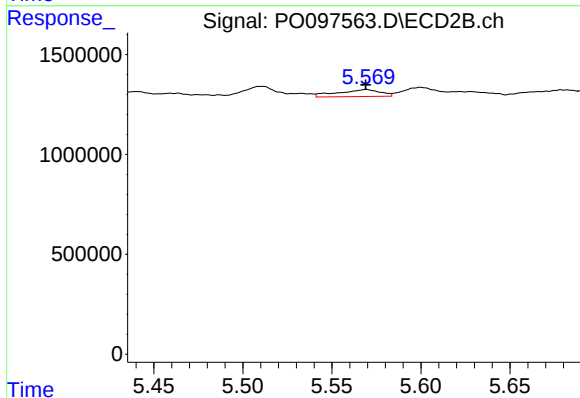
R.T.: 5.159 min
Delta R.T.: -0.015 min
Response: 1272078
Conc: 46.88 ng/ml



#25 AR-1248-5

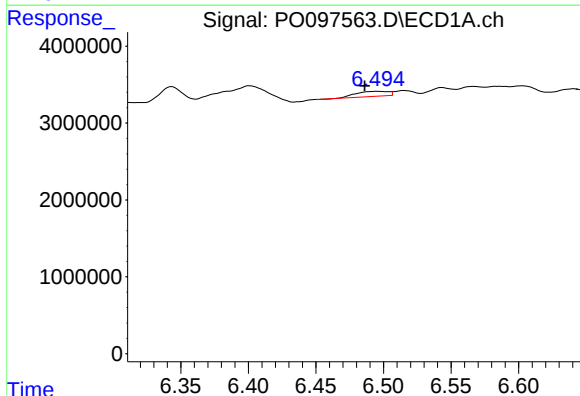
R.T.: 6.543 min
Delta R.T.: -0.009 min
Response: 652526
Conc: 6.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
TRE-1767



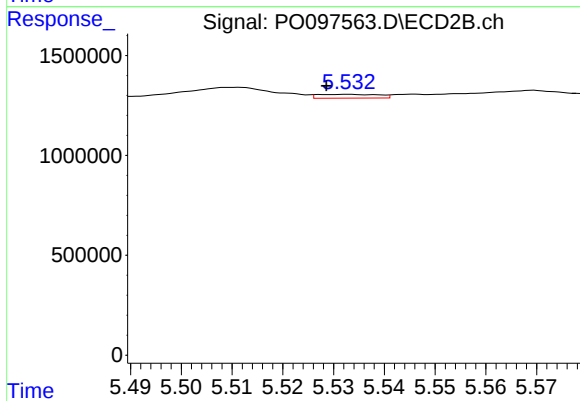
#25 AR-1248-5

R.T.: 5.569 min
Delta R.T.: 0.000 min
Response: 585808
Conc: 25.91 ng/ml



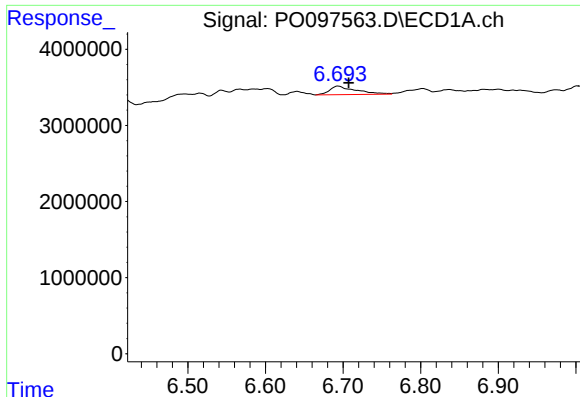
#26 AR-1254-1

R.T.: 6.496 min
Delta R.T.: 0.010 min
Response: 1107724
Conc: 10.08 ng/ml



#26 AR-1254-1

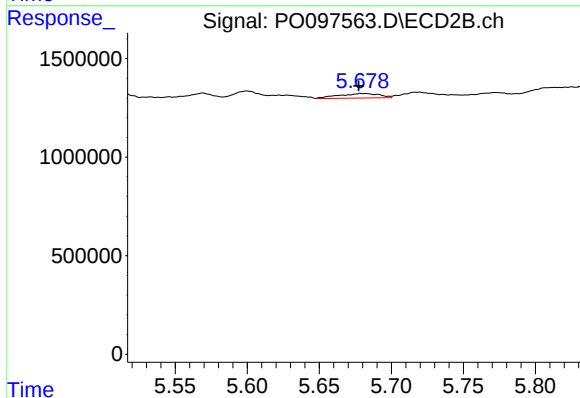
R.T.: 5.533 min
Delta R.T.: 0.004 min
Response: 159647
Conc: 4.14 ng/ml



#27 AR-1254-2

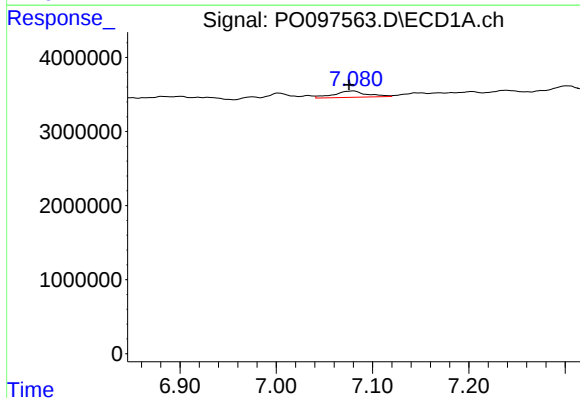
R.T.: 6.694 min
Delta R.T.: -0.013 min
Response: 2653941
Conc: 16.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
TRE-1767



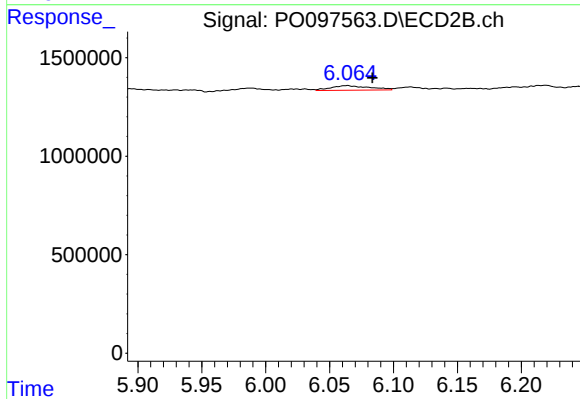
#27 AR-1254-2

R.T.: 5.679 min
Delta R.T.: 0.002 min
Response: 447722
Conc: 13.14 ng/ml



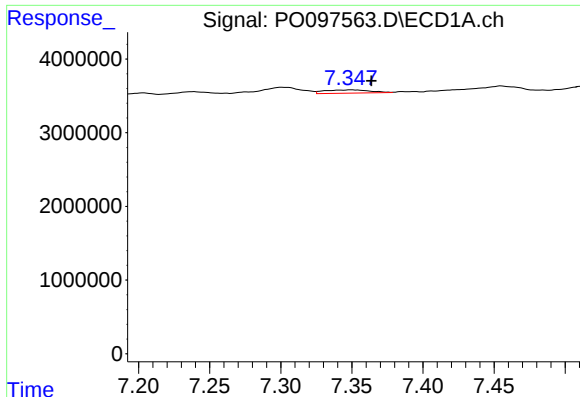
#28 AR-1254-3

R.T.: 7.080 min
Delta R.T.: 0.005 min
Response: 1999862
Conc: 12.28 ng/ml



#28 AR-1254-3

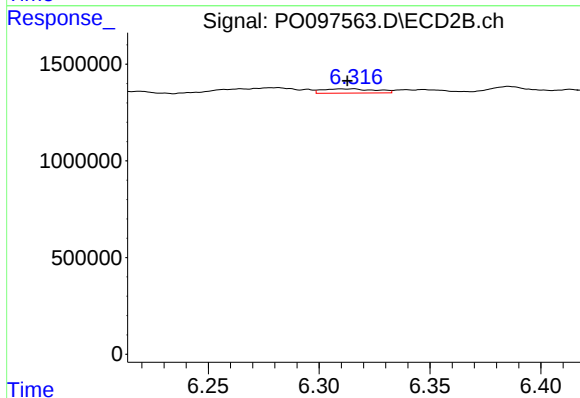
R.T.: 6.064 min
Delta R.T.: -0.020 min
Response: 488920
Conc: 9.21 ng/ml



#29 AR-1254-4

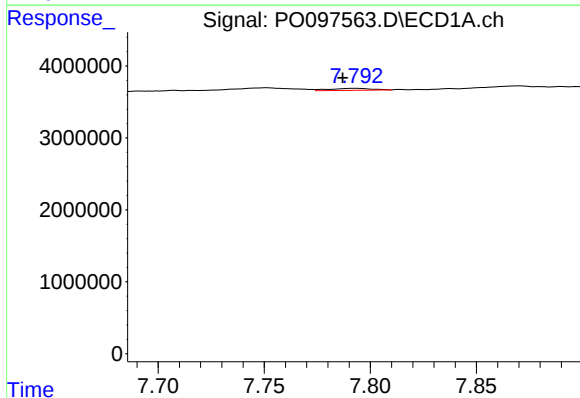
R.T.: 7.350 min
Delta R.T.: -0.014 min
Response: 999056
Conc: 10.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
TRE-1767



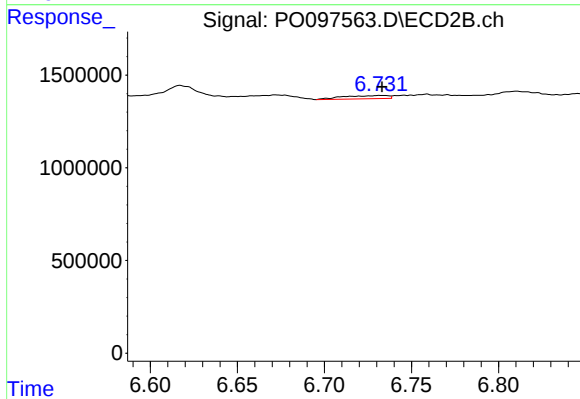
#29 AR-1254-4

R.T.: 6.315 min
Delta R.T.: 0.003 min
Response: 366751
Conc: 13.45 ng/ml



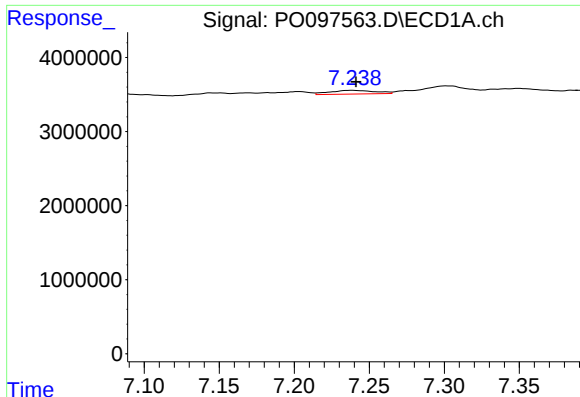
#30 AR-1254-5

R.T.: 7.793 min
Delta R.T.: 0.006 min
Response: 390075
Conc: 3.45 ng/ml



#30 AR-1254-5

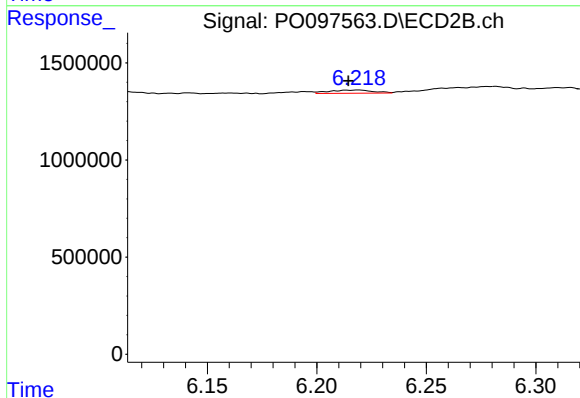
R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 318936
Conc: 7.23 ng/ml



#31 AR-1260-1

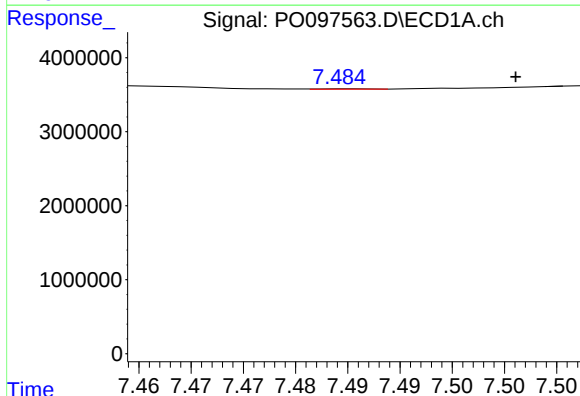
R.T.: 7.239 min
Delta R.T.: -0.003 min
Response: 1044474
Conc: 8.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
TRE-1767



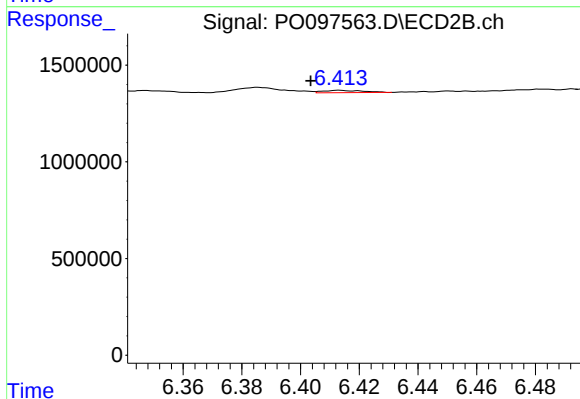
#31 AR-1260-1

R.T.: 6.219 min
Delta R.T.: 0.005 min
Response: 229052
Conc: 6.13 ng/ml



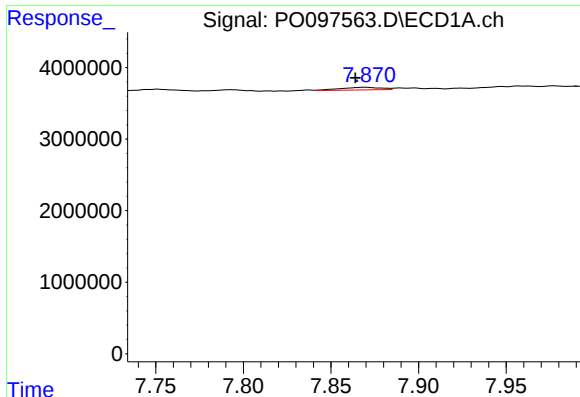
#32 AR-1260-2

R.T.: 7.485 min
Delta R.T.: -0.016 min
Response: 15733
Conc: 0.12 ng/ml



#32 AR-1260-2

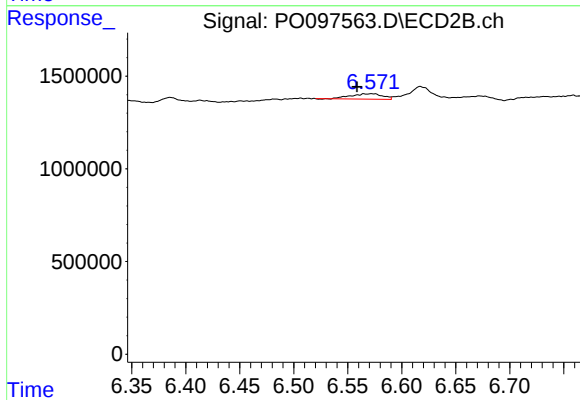
R.T.: 6.413 min
Delta R.T.: 0.010 min
Response: 111908
Conc: 2.64 ng/ml



#33 AR-1260-3

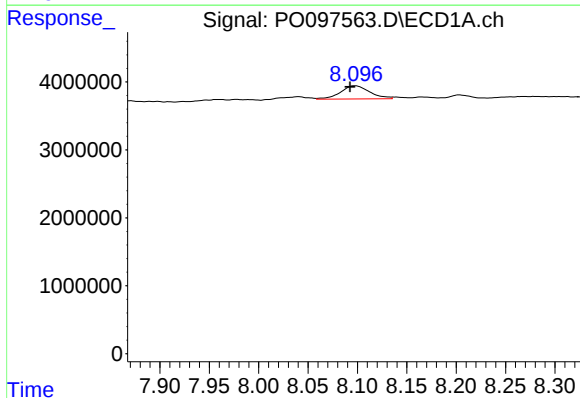
R.T.: 7.870 min
Delta R.T.: 0.006 min
Response: 612043
Conc: 5.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
TRE-1767



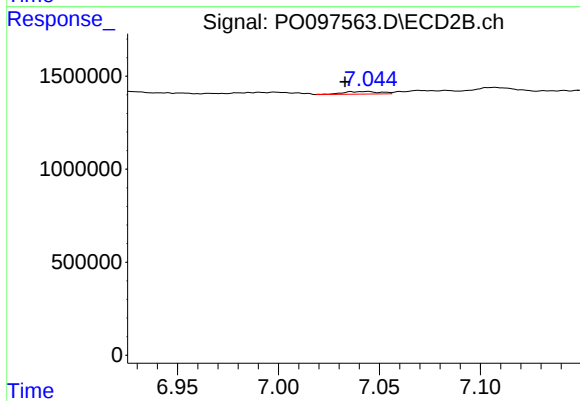
#33 AR-1260-3

R.T.: 6.572 min
Delta R.T.: 0.014 min
Response: 594011
Conc: 14.19 ng/ml



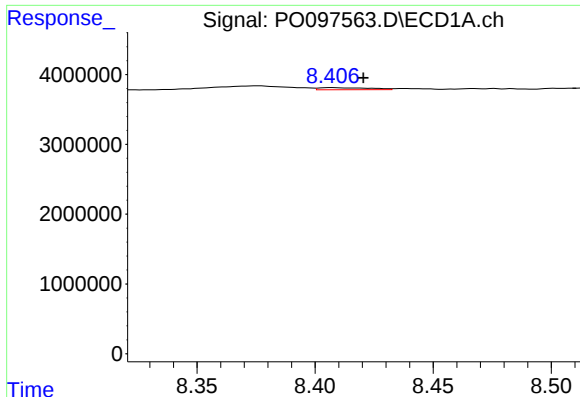
#34 AR-1260-4

R.T.: 8.097 min
Delta R.T.: 0.005 min
Response: 4027941
Conc: 35.61 ng/ml



#34 AR-1260-4

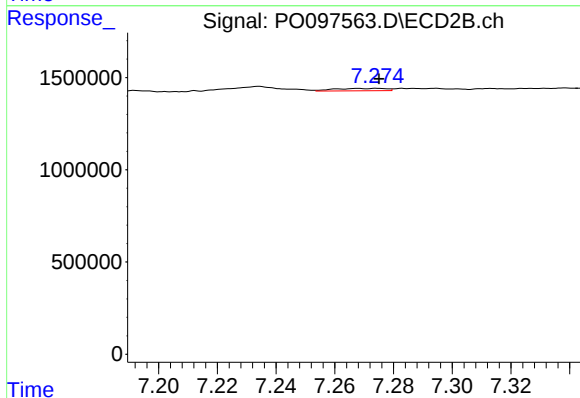
R.T.: 7.044 min
Delta R.T.: 0.011 min
Response: 178176
Conc: 5.51 ng/ml



#35 AR-1260-5

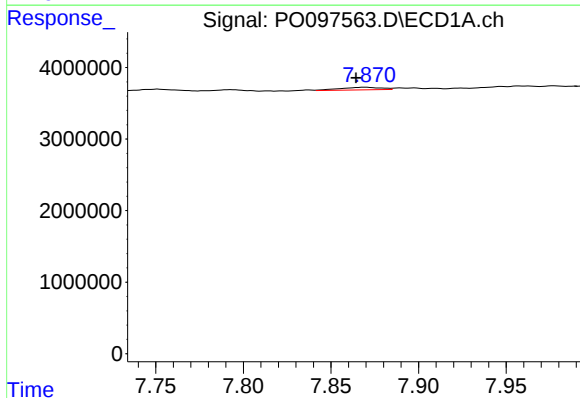
R.T.: 8.407 min
Delta R.T.: -0.013 min
Response: 466242
Conc: 2.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
TRE-1767



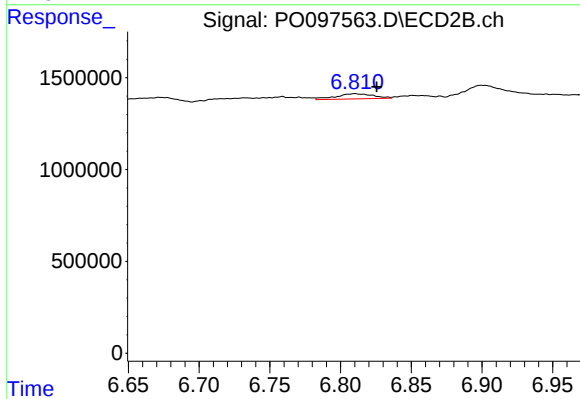
#35 AR-1260-5

R.T.: 7.274 min
Delta R.T.: 0.000 min
Response: 161643
Conc: 2.45 ng/ml



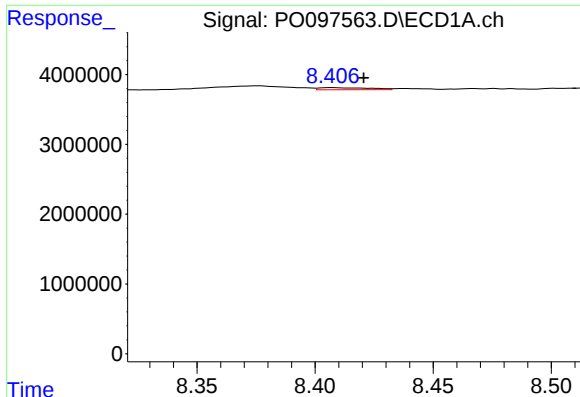
#36 AR-1262-1

R.T.: 7.870 min
Delta R.T.: 0.006 min
Response: 612043
Conc: 4.07 ng/ml



#36 AR-1262-1

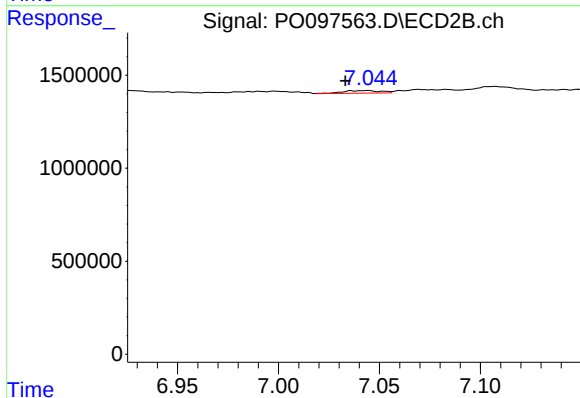
R.T.: 6.810 min
Delta R.T.: -0.015 min
Response: 509512
Conc: 25.39 ng/ml



#37 AR-1262-2

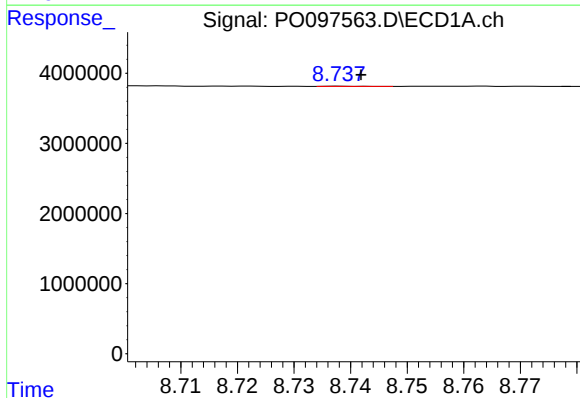
R.T.: 8.407 min
Delta R.T.: -0.013 min
Response: 466242
Conc: 2.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
TRE-1767



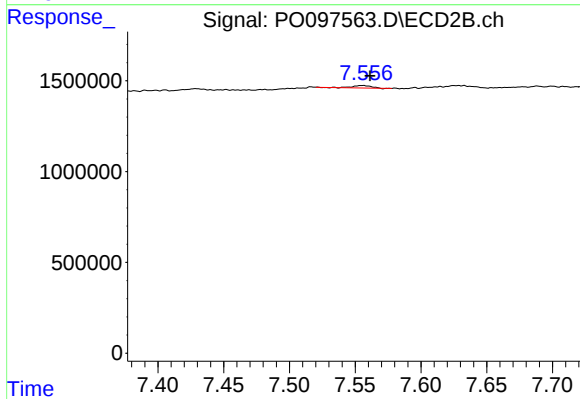
#37 AR-1262-2

R.T.: 7.044 min
Delta R.T.: 0.011 min
Response: 178176
Conc: 4.08 ng/ml



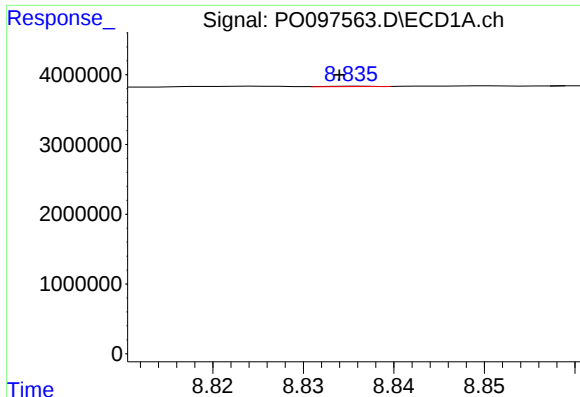
#38 AR-1262-3

R.T.: 8.738 min
Delta R.T.: -0.004 min
Response: 13804
Conc: 0.09 ng/ml



#38 AR-1262-3

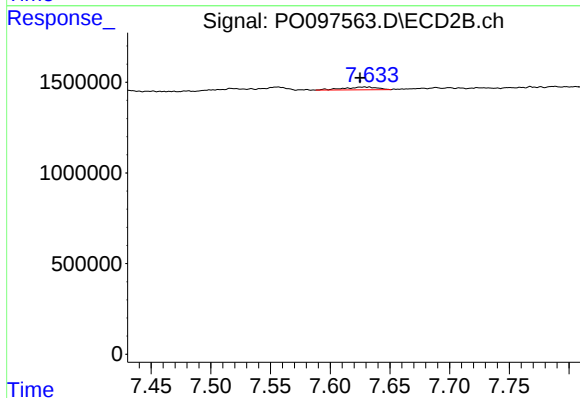
R.T.: 7.556 min
Delta R.T.: -0.006 min
Response: 134764
Conc: 4.32 ng/ml



#39 AR-1262-4

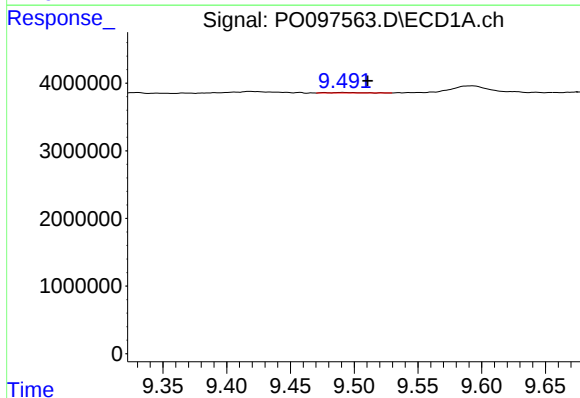
R.T.: 8.836 min
Delta R.T.: 0.002 min
Response: 17901
Conc: 0.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
TRE-1767



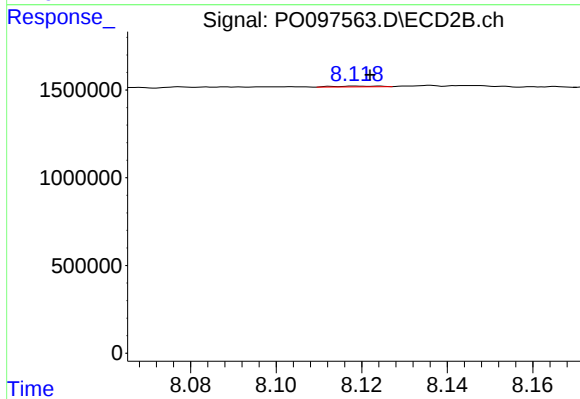
#39 AR-1262-4

R.T.: 7.628 min
Delta R.T.: 0.003 min
Response: 306276
Conc: 5.44 ng/ml



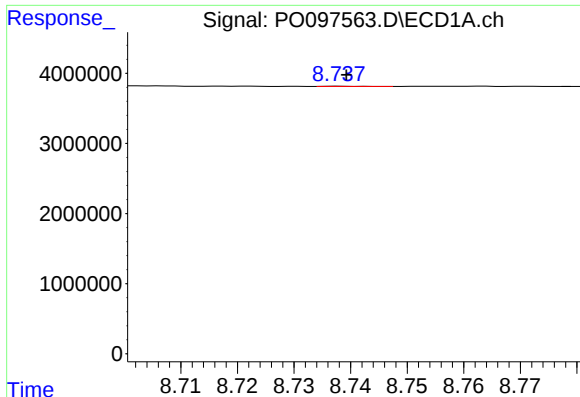
#40 AR-1262-5

R.T.: 9.491 min
Delta R.T.: -0.019 min
Response: 132863
Conc: 1.93 ng/ml



#40 AR-1262-5

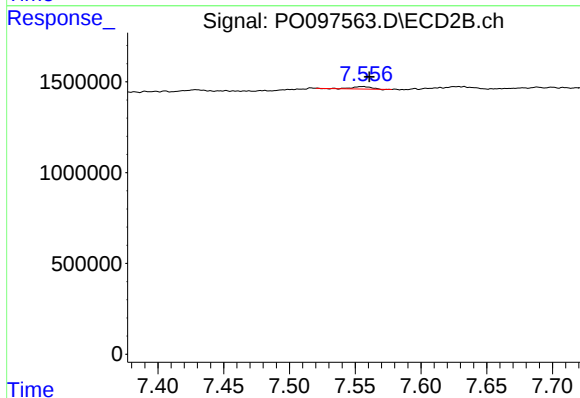
R.T.: 8.119 min
Delta R.T.: -0.003 min
Response: 36550
Conc: 1.55 ng/ml



#41 AR-1268-1

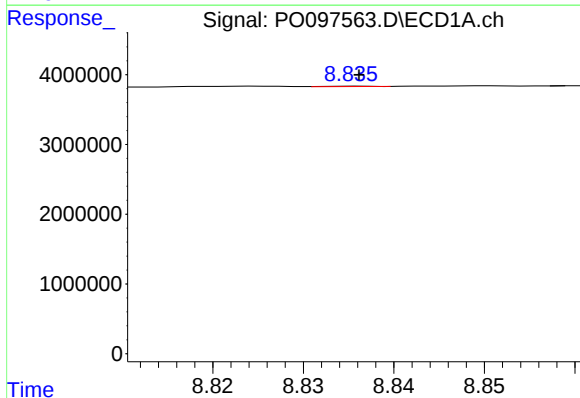
R.T.: 8.738 min
Delta R.T.: 0.000 min
Response: 13804
Conc: 0.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
TRE-1767



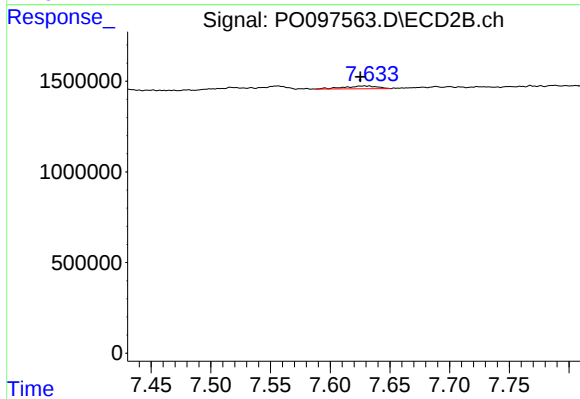
#41 AR-1268-1

R.T.: 7.556 min
Delta R.T.: -0.005 min
Response: 134764
Conc: 1.41 ng/ml



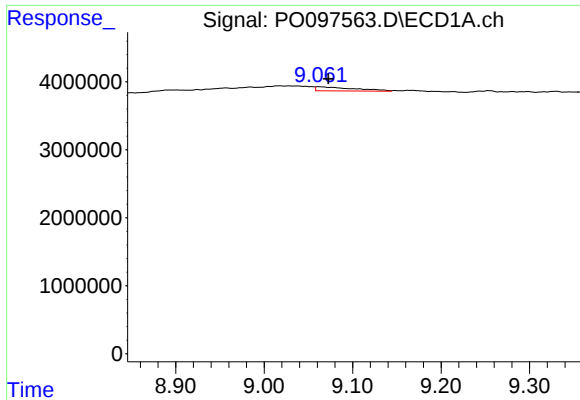
#42 AR-1268-2

R.T.: 8.836 min
Delta R.T.: 0.000 min
Response: 17901
Conc: 0.07 ng/ml



#42 AR-1268-2

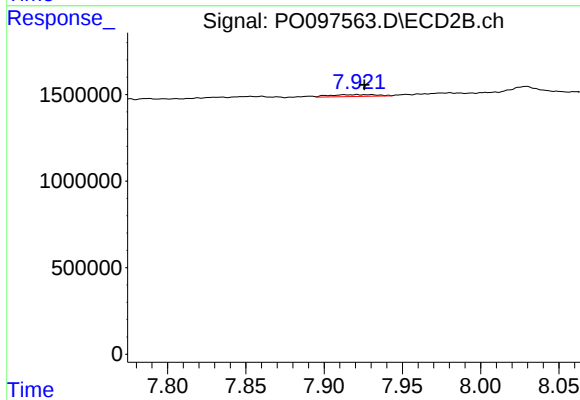
R.T.: 7.628 min
Delta R.T.: 0.003 min
Response: 306276
Conc: 3.69 ng/ml



#43 AR-1268-3

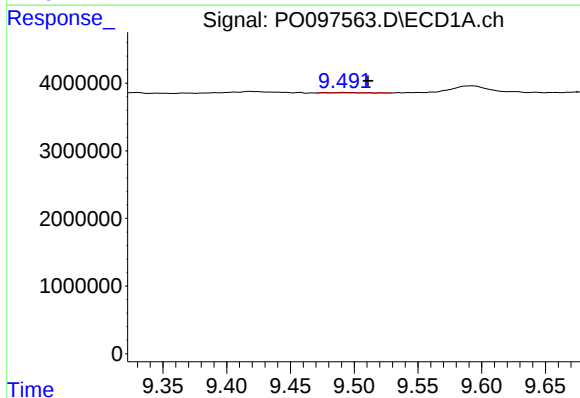
R.T.: 9.062 min
Delta R.T.: -0.011 min
Response: 1783002
Conc: 7.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
TRE-1767



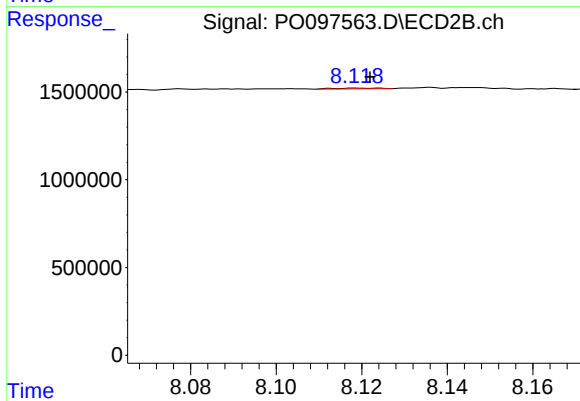
#43 AR-1268-3

R.T.: 7.921 min
Delta R.T.: -0.005 min
Response: 224065
Conc: 11.31 ng/ml



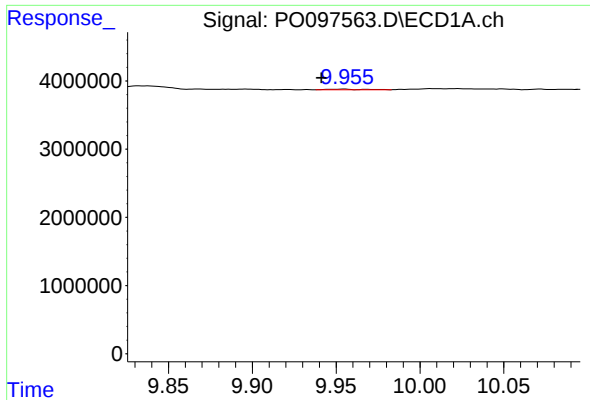
#44 AR-1268-4

R.T.: 9.491 min
Delta R.T.: -0.019 min
Response: 132863
Conc: 1.73 ng/ml



#44 AR-1268-4

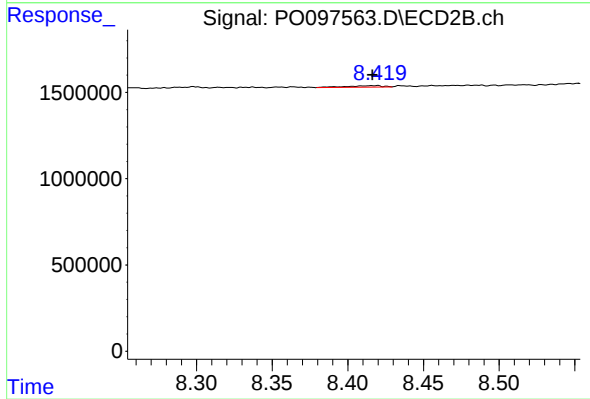
R.T.: 8.119 min
Delta R.T.: -0.003 min
Response: 36550
Conc: 1.41 ng/ml



#45 AR-1268-5

R.T.: 9.954 min
Delta R.T.: 0.013 min
Response: 147487
Conc: 0.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
TRE-1767



#45 AR-1268-5

R.T.: 8.419 min
Delta R.T.: 0.003 min
Response: 139110
Conc: 0.61 ng/ml