

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0041723\
 Data File : P0094289.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Apr 2023 19:38
 Operator : YP/AJ
 Sample : 02366-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 17 22:03:31 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...	4.417	3.620	71383952	27043528	19.096	21.237
2)	SA Decachlor...	10.262	8.642	50838556	23095833	22.727	23.101
Target Compounds							
3)	L1 AR-1016-1	5.595	4.700	1928624	1756376	18.859	49.500 #
4)	L1 AR-1016-2	5.619	4.700	2386255	1756376	15.310	32.519 #
5)	L1 AR-1016-3	5.677	4.899	1625865	589642	16.484	20.803 #
6)	L1 AR-1016-4	5.775	4.940	50777	583453	0.691	22.096 #
7)	L1 AR-1016-5	6.079	5.145	2111537	732763	24.941	22.394
8)	L2 AR-1221-1	4.625	3.904f	3897232	1622680	84.502	103.627
9)	L2 AR-1221-2	4.726	3.904	1749304	1622680	50.961	137.487 #
10)	L2 AR-1221-3	4.814	0.000	1458540	0	13.926	N.D. #
11)	L3 AR-1232-1	4.814	0.000	1458540	0	16.712	N.D. #
12)	L3 AR-1232-2	5.327	4.700	6947057	1756376	162.447	66.344 #
13)	L3 AR-1232-3	5.619	4.899	2386255	589642	32.485	44.707 #
14)	L3 AR-1232-4	5.775	4.980	50777	826252	1.475	58.142 #
15)	L3 AR-1232-5	5.873	5.145	1016379	732763	31.999	47.433 #
16)	L4 AR-1242-1	5.595	4.700	1928624	1756376	22.096	57.076 #
17)	L4 AR-1242-2	5.619	4.700	2386255	1756376	17.946	38.187 #
18)	L4 AR-1242-3	5.677	4.899	1625865	589642	19.153	24.331 #
19)	L4 AR-1242-4	5.775	4.980	50777	826252	0.813	29.432 #
20)	L4 AR-1242-5	6.525	5.504	2444540	810884	36.307	28.441
21)	L5 AR-1248-1	5.595	4.700	1928624	1756376	28.665	73.638 #
22)	L5 AR-1248-2	5.873	4.940	1016379	583453	9.292	14.647 #
23)	L5 AR-1248-3	6.079	4.980	2111537	826252	17.491	19.796
24)	L5 AR-1248-4	6.485	5.145	1777228	732763	16.548	15.583
25)	L5 AR-1248-5	6.525	5.504f	2444540	810884	21.069	21.720
26)	L6 AR-1254-1	6.461	5.504	2600944	810884	19.177	11.863 #
27)	L6 AR-1254-2	6.683	5.710f	2510191	1545861	12.842	25.381 #
28)	L6 AR-1254-3	7.053	6.057	1698575	772386	9.194	8.480
29)	L6 AR-1254-4	7.338	6.287	399005	164641	3.934	3.865
30)	L6 AR-1254-5	7.766	0.000	528143	0	3.895	N.D. #
31)	L7 AR-1260-1	7.219	6.188	1184371	-123573	8.114	N.D. #
32)	L7 AR-1260-2	7.474	6.377	756878	424042	4.729	5.839
33)	L7 AR-1260-3	7.837	6.532	44559	446069	0.336	6.146 #
34)	L7 AR-1260-4	8.059	0.000	973182	0	7.065	N.D. #
35)	L7 AR-1260-5	8.402	0.000	1021612	0	4.691	N.D. #
36)	L8 AR-1262-1	7.837	6.848f	44559	504299	0.261	14.413 #
37)	L8 AR-1262-2	8.402	0.000	1021612	0	4.395	N.D. #
38)	L8 AR-1262-3	8.722	0.000	672507	0	4.106	N.D. #
39)	L8 AR-1262-4	8.799	0.000	78559	0	0.784	N.D. #
40)	L8 AR-1262-5	9.469	0.000	134845	0	1.675	N.D. #
41)	L9 AR-1268-1	8.722	0.000	672507	0	1.998	N.D. #

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 Operator : YP/AJ
 Sample : 02366-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

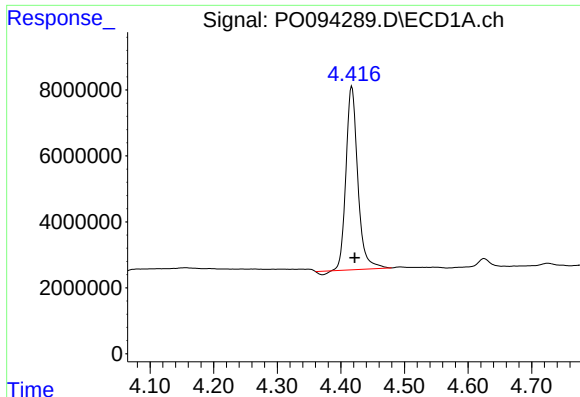
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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	8.799	0.000	78559	0	0.244	N.D.	#
43)	L9 AR-1268-3	9.056	0.000	259590	0	0.915	N.D.	#
44)	L9 AR-1268-4	9.469	0.000	134845	0	1.395	N.D.	#
45)	L9 AR-1268-5	9.924	0.000	74386	0	0.089	N.D.	#

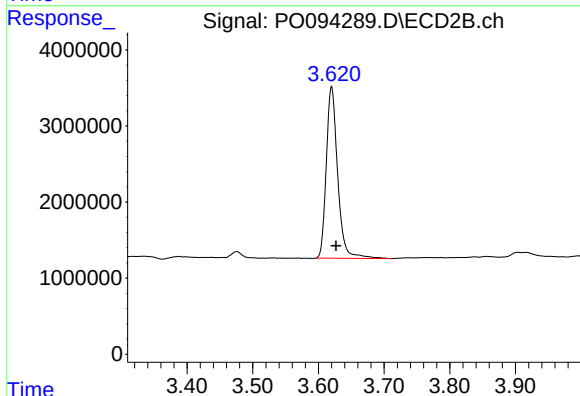
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

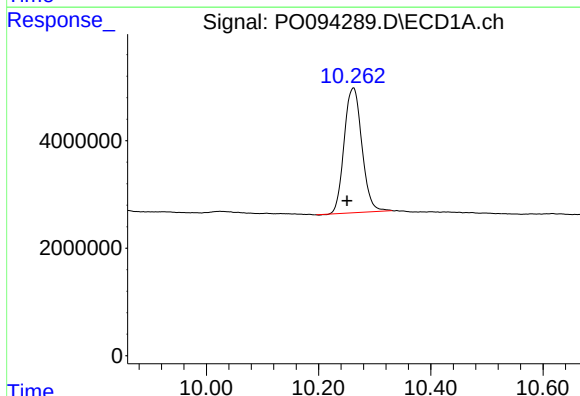
R.T.: 4.417 min
Delta R.T.: -0.005 min
Response: 71383952
Conc: 19.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



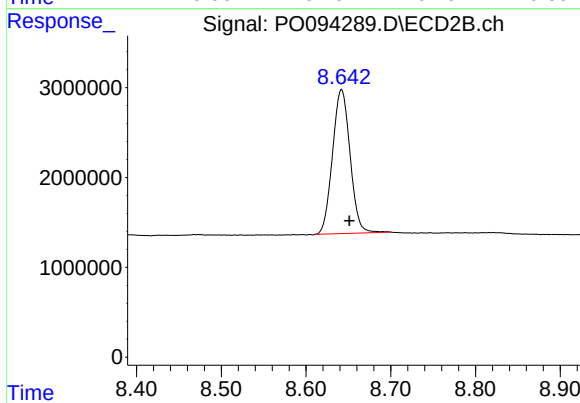
#1 Tetrachloro-m-xylene

R.T.: 3.620 min
Delta R.T.: -0.007 min
Response: 27043528
Conc: 21.24 ng/ml



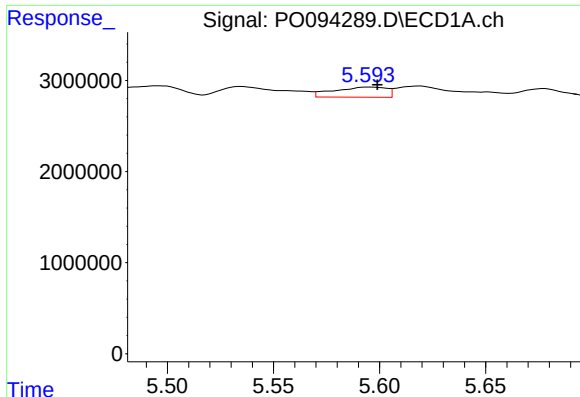
#2 Decachlorobiphenyl

R.T.: 10.262 min
Delta R.T.: 0.012 min
Response: 50838556
Conc: 22.73 ng/ml



#2 Decachlorobiphenyl

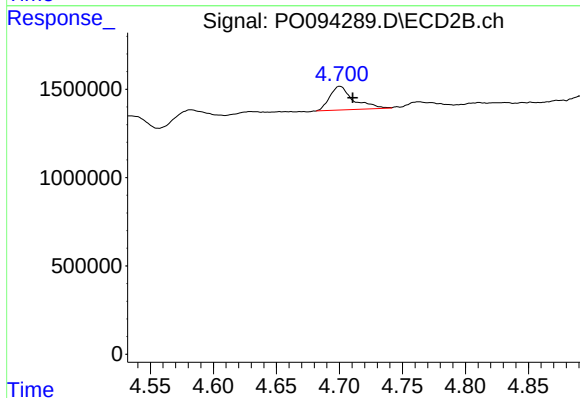
R.T.: 8.642 min
Delta R.T.: -0.009 min
Response: 23095833
Conc: 23.10 ng/ml



#3 AR-1016-1

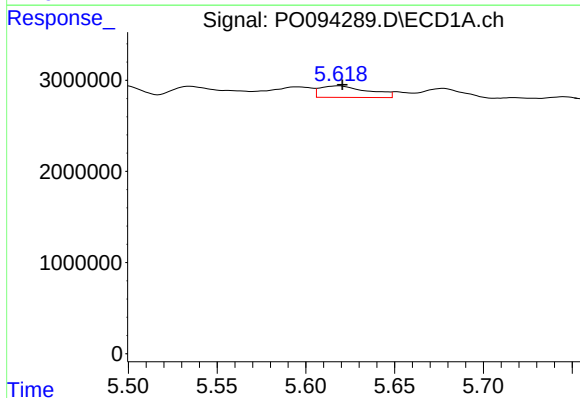
R.T.: 5.595 min
Delta R.T.: -0.004 min
Response: 1928624
Conc: 18.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



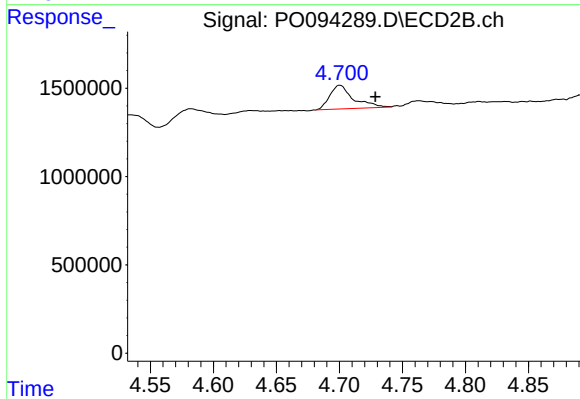
#3 AR-1016-1

R.T.: 4.700 min
Delta R.T.: -0.010 min
Response: 1756376
Conc: 49.50 ng/ml



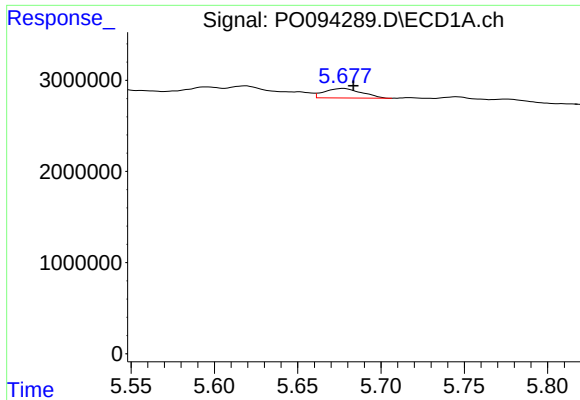
#4 AR-1016-2

R.T.: 5.619 min
Delta R.T.: -0.002 min
Response: 2386255
Conc: 15.31 ng/ml



#4 AR-1016-2

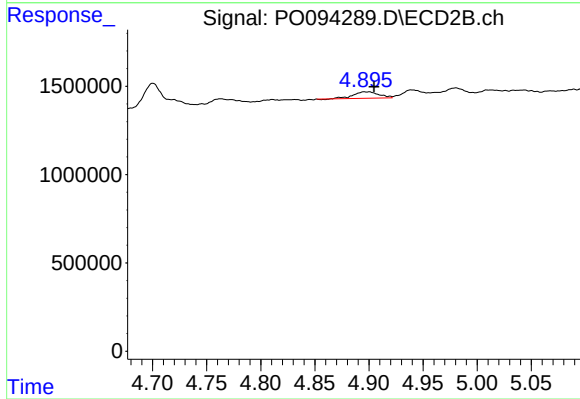
R.T.: 4.700 min
Delta R.T.: -0.028 min
Response: 1756376
Conc: 32.52 ng/ml



#5 AR-1016-3

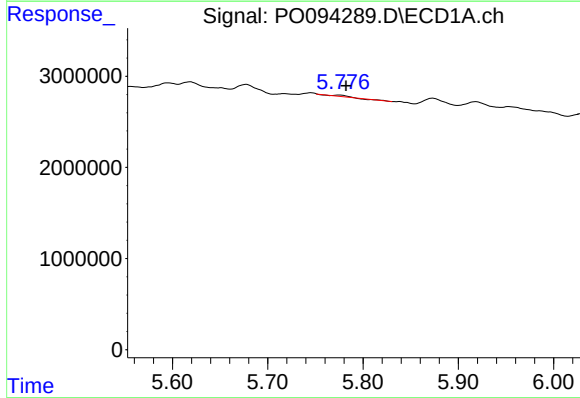
R.T.: 5.677 min
Delta R.T.: -0.006 min
Response: 1625865
Conc: 16.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



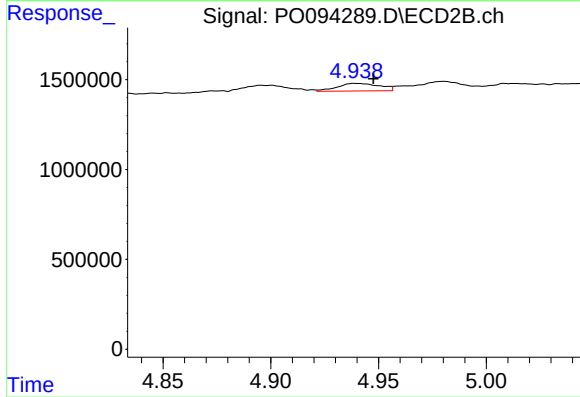
#5 AR-1016-3

R.T.: 4.899 min
Delta R.T.: -0.005 min
Response: 589642
Conc: 20.80 ng/ml



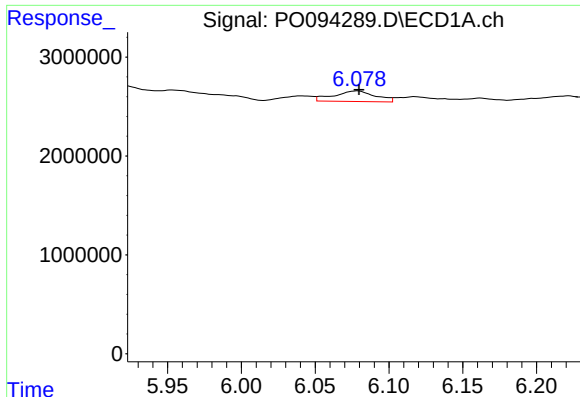
#6 AR-1016-4

R.T.: 5.775 min
Delta R.T.: -0.007 min
Response: 50777
Conc: 0.69 ng/ml



#6 AR-1016-4

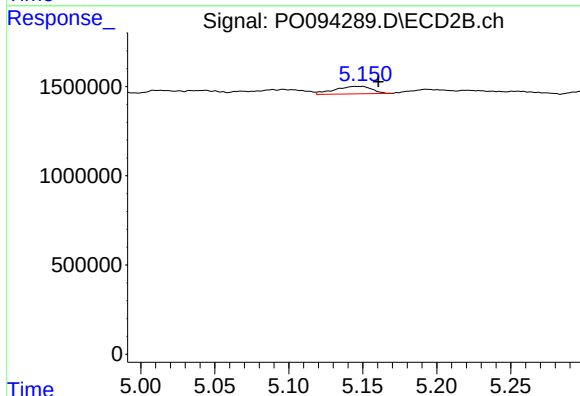
R.T.: 4.940 min
Delta R.T.: -0.008 min
Response: 583453
Conc: 22.10 ng/ml



#7 AR-1016-5

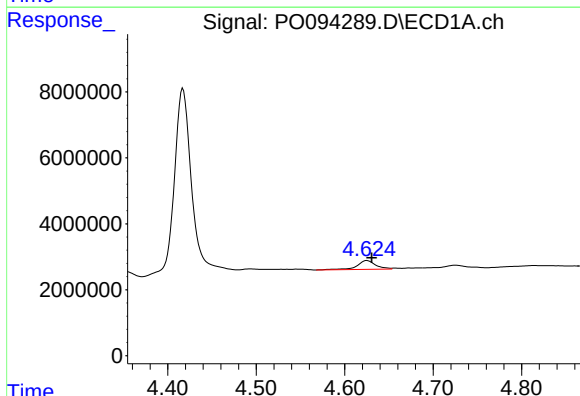
R.T.: 6.079 min
Delta R.T.: -0.001 min
Response: 2111537
Conc: 24.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



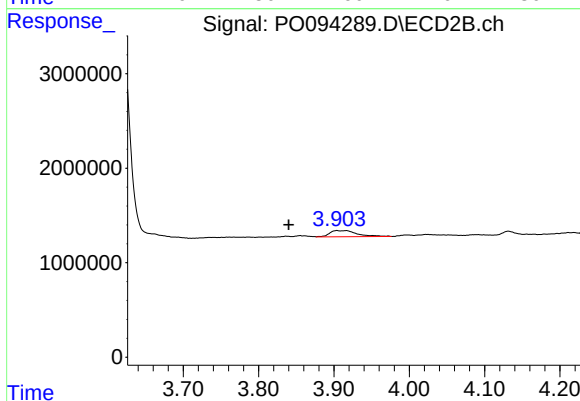
#7 AR-1016-5

R.T.: 5.145 min
Delta R.T.: -0.015 min
Response: 732763
Conc: 22.39 ng/ml



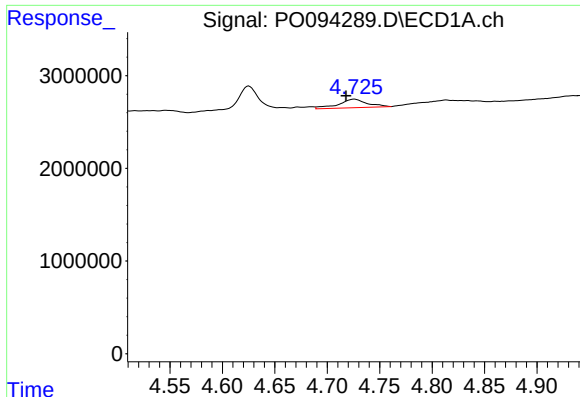
#8 AR-1221-1

R.T.: 4.625 min
Delta R.T.: -0.005 min
Response: 3897232
Conc: 84.50 ng/ml



#8 AR-1221-1

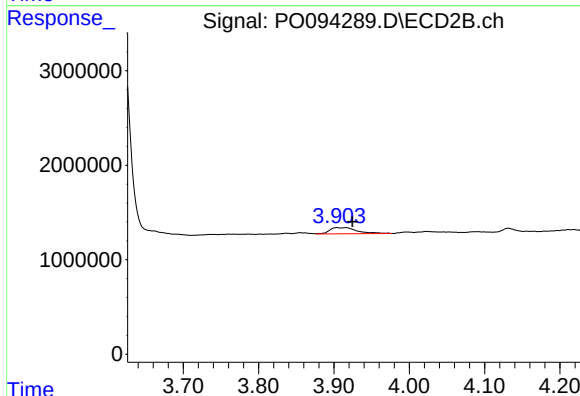
R.T.: 3.904 min
Delta R.T.: 0.064 min
Response: 1622680
Conc: 103.63 ng/ml



#9 AR-1221-2

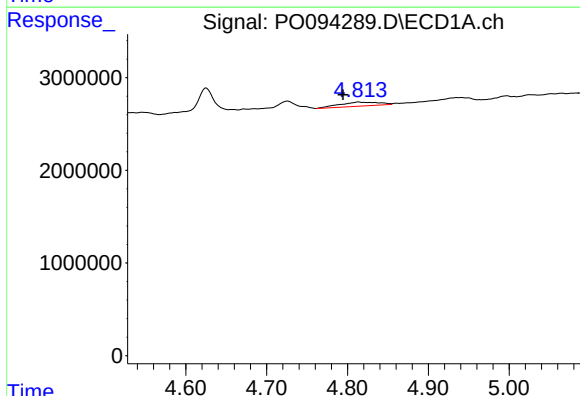
R.T.: 4.726 min
Delta R.T.: 0.008 min
Response: 1749304
Conc: 50.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



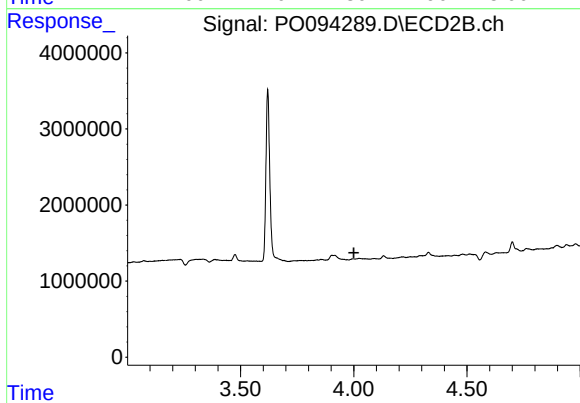
#9 AR-1221-2

R.T.: 3.904 min
Delta R.T.: -0.021 min
Response: 1622680
Conc: 137.49 ng/ml



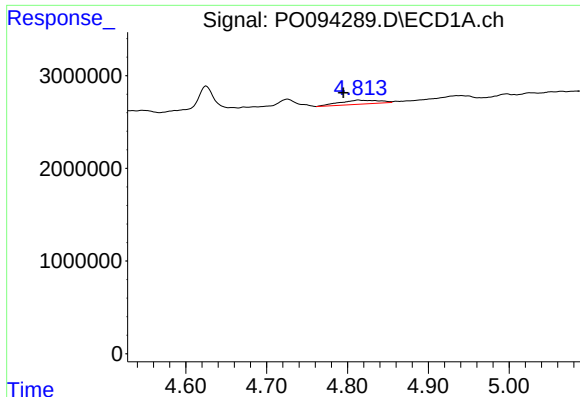
#10 AR-1221-3

R.T.: 4.814 min
Delta R.T.: 0.019 min
Response: 1458540
Conc: 13.93 ng/ml



#10 AR-1221-3

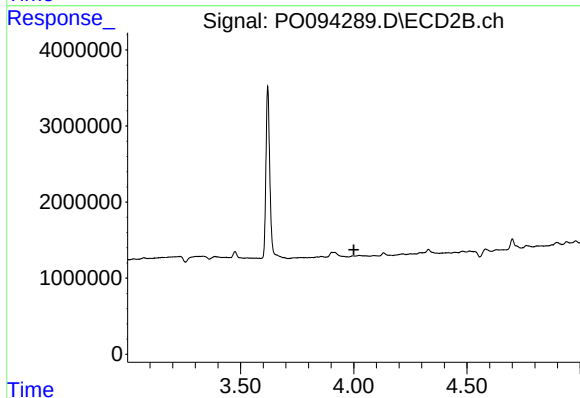
R.T.: 0.000 min
Exp R.T. : 4.000 min
Response: 0
Conc: N.D.



#11 AR-1232-1

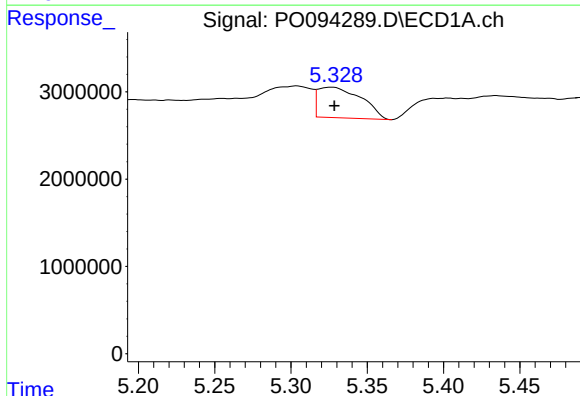
R.T.: 4.814 min
Delta R.T.: 0.019 min
Response: 1458540
Conc: 16.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



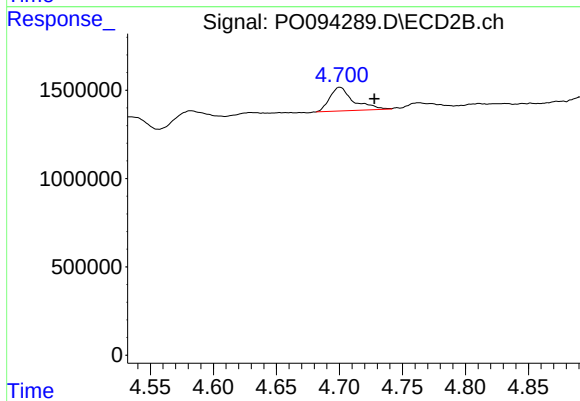
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.000 min
Response: 0
Conc: N.D.



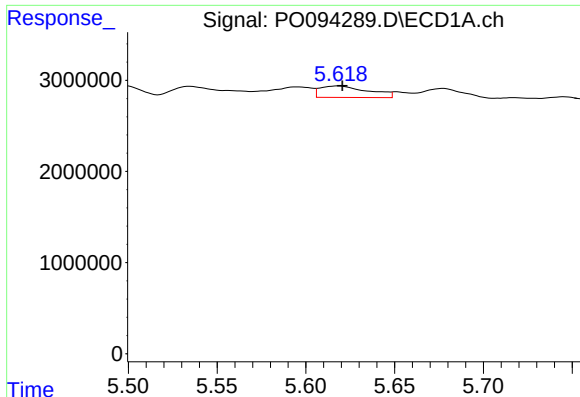
#12 AR-1232-2

R.T.: 5.327 min
Delta R.T.: -0.002 min
Response: 6947057
Conc: 162.45 ng/ml



#12 AR-1232-2

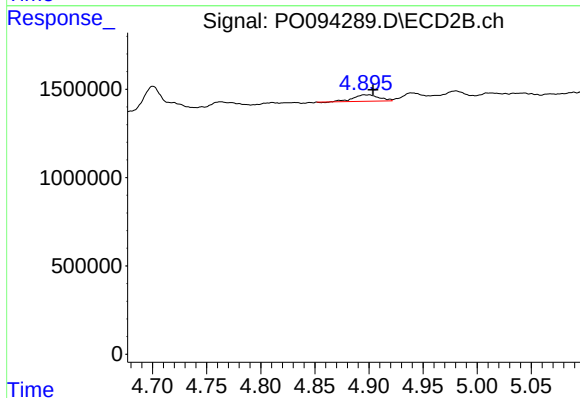
R.T.: 4.700 min
Delta R.T.: -0.027 min
Response: 1756376
Conc: 66.34 ng/ml



#13 AR-1232-3

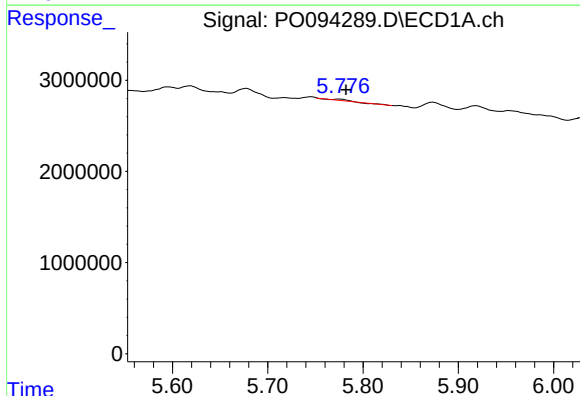
R.T.: 5.619 min
Delta R.T.: -0.002 min
Response: 2386255
Conc: 32.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



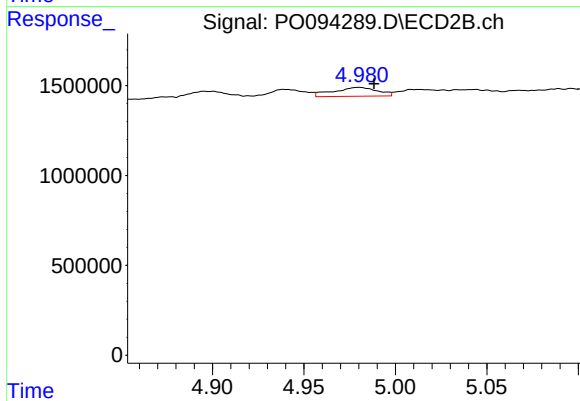
#13 AR-1232-3

R.T.: 4.899 min
Delta R.T.: -0.005 min
Response: 589642
Conc: 44.71 ng/ml



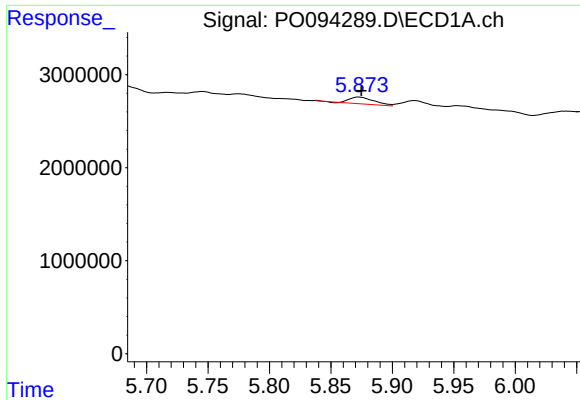
#14 AR-1232-4

R.T.: 5.775 min
Delta R.T.: -0.007 min
Response: 50777
Conc: 1.48 ng/ml



#14 AR-1232-4

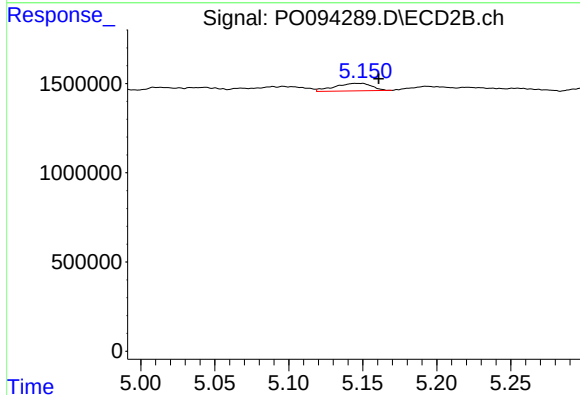
R.T.: 4.980 min
Delta R.T.: -0.008 min
Response: 826252
Conc: 58.14 ng/ml



#15 AR-1232-5

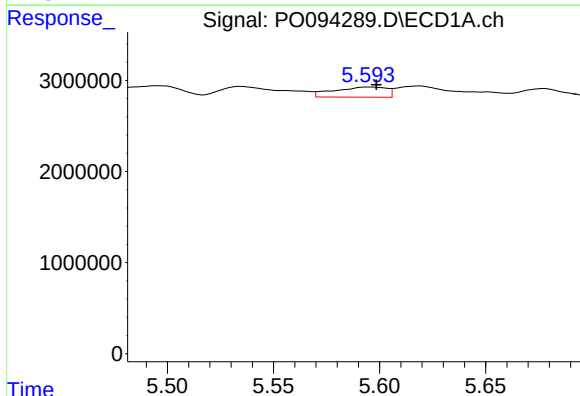
R.T.: 5.873 min
Delta R.T.: -0.002 min
Response: 1016379
Conc: 32.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



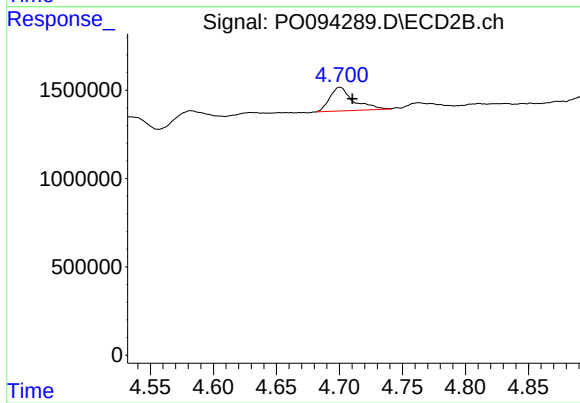
#15 AR-1232-5

R.T.: 5.145 min
Delta R.T.: -0.015 min
Response: 732763
Conc: 47.43 ng/ml



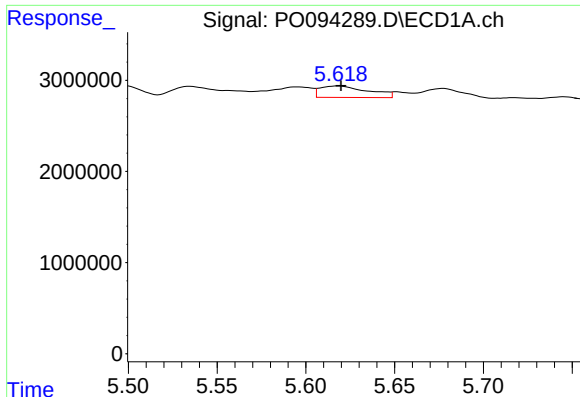
#16 AR-1242-1

R.T.: 5.595 min
Delta R.T.: -0.004 min
Response: 1928624
Conc: 22.10 ng/ml



#16 AR-1242-1

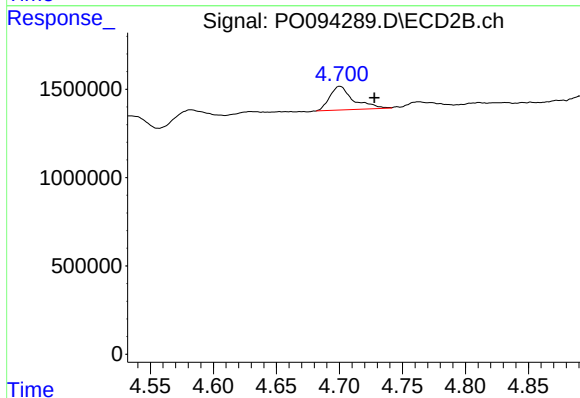
R.T.: 4.700 min
Delta R.T.: -0.010 min
Response: 1756376
Conc: 57.08 ng/ml



#17 AR-1242-2

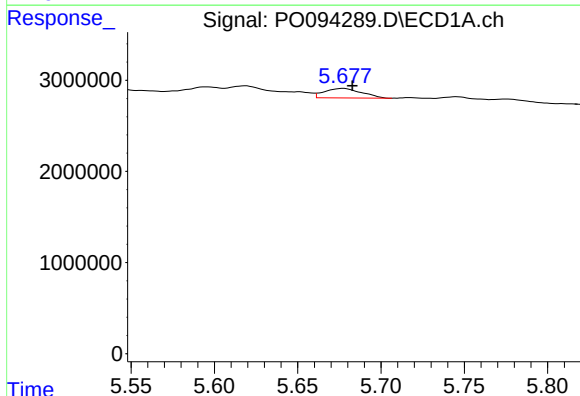
R.T.: 5.619 min
Delta R.T.: -0.001 min
Response: 2386255
Conc: 17.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



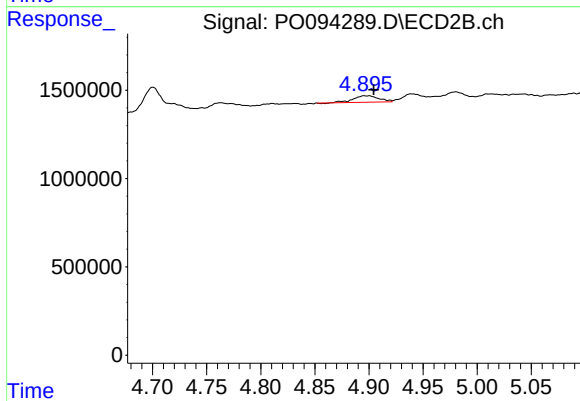
#17 AR-1242-2

R.T.: 4.700 min
Delta R.T.: -0.027 min
Response: 1756376
Conc: 38.19 ng/ml



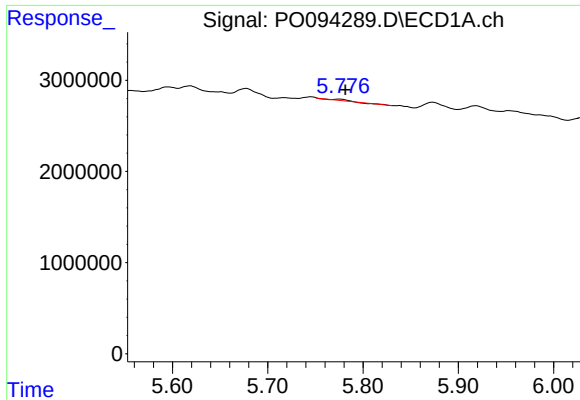
#18 AR-1242-3

R.T.: 5.677 min
Delta R.T.: -0.005 min
Response: 1625865
Conc: 19.15 ng/ml



#18 AR-1242-3

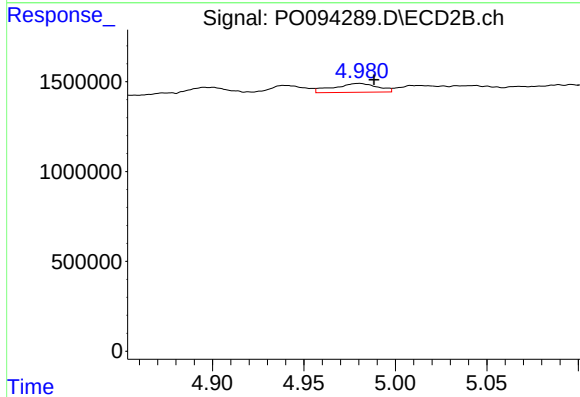
R.T.: 4.899 min
Delta R.T.: -0.005 min
Response: 589642
Conc: 24.33 ng/ml



#19 AR-1242-4

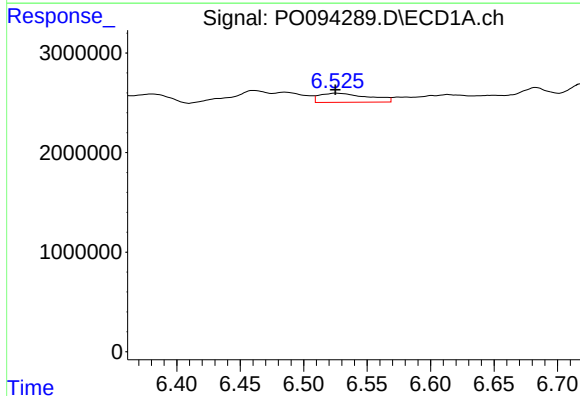
R.T.: 5.775 min
Delta R.T.: -0.007 min
Response: 50777
Conc: 0.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



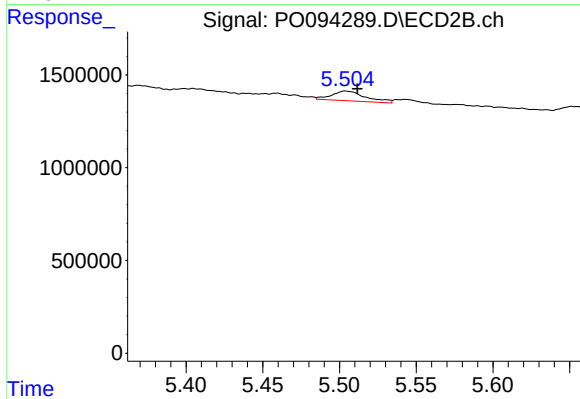
#19 AR-1242-4

R.T.: 4.980 min
Delta R.T.: -0.008 min
Response: 826252
Conc: 29.43 ng/ml



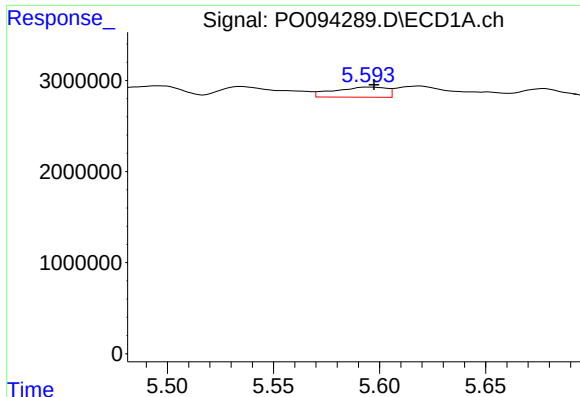
#20 AR-1242-5

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 2444540
Conc: 36.31 ng/ml



#20 AR-1242-5

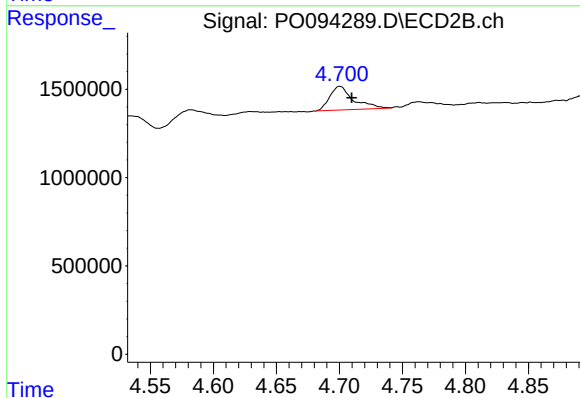
R.T.: 5.504 min
Delta R.T.: -0.008 min
Response: 810884
Conc: 28.44 ng/ml



#21 AR-1248-1

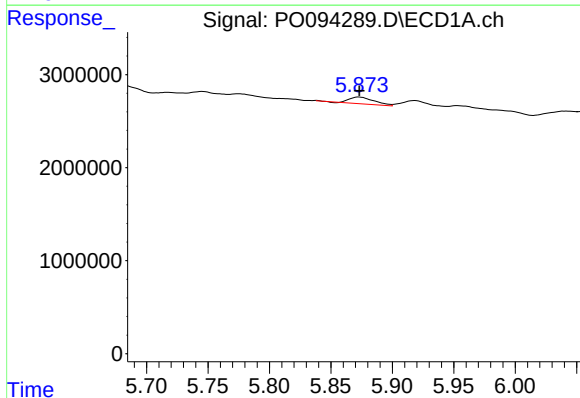
R.T.: 5.595 min
Delta R.T.: -0.003 min
Response: 1928624
Conc: 28.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



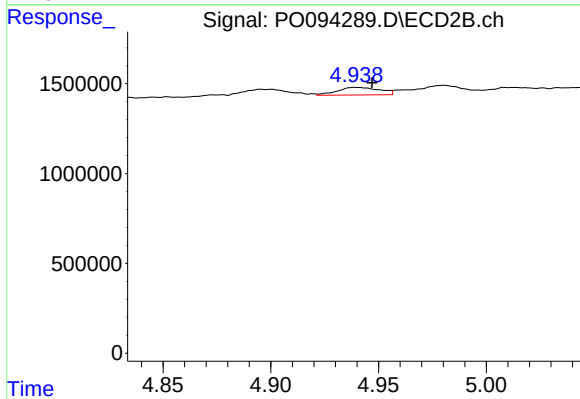
#21 AR-1248-1

R.T.: 4.700 min
Delta R.T.: -0.009 min
Response: 1756376
Conc: 73.64 ng/ml



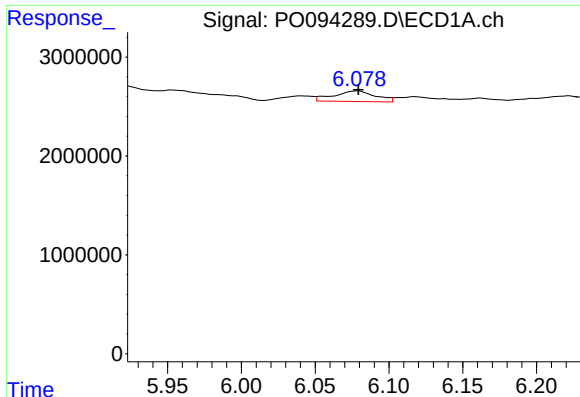
#22 AR-1248-2

R.T.: 5.873 min
Delta R.T.: 0.000 min
Response: 1016379
Conc: 9.29 ng/ml



#22 AR-1248-2

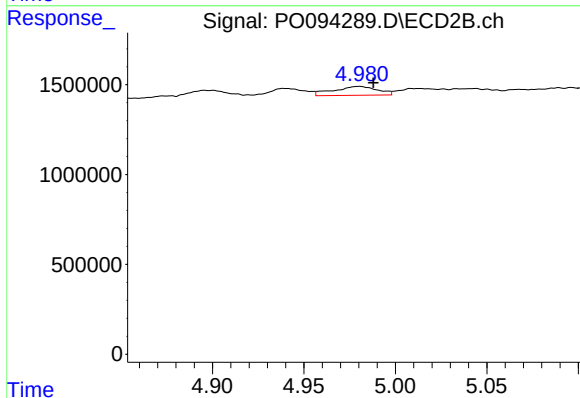
R.T.: 4.940 min
Delta R.T.: -0.007 min
Response: 583453
Conc: 14.65 ng/ml



#23 AR-1248-3

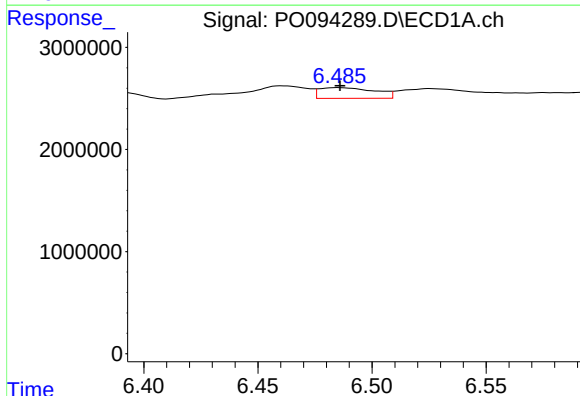
R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 2111537
Conc: 17.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



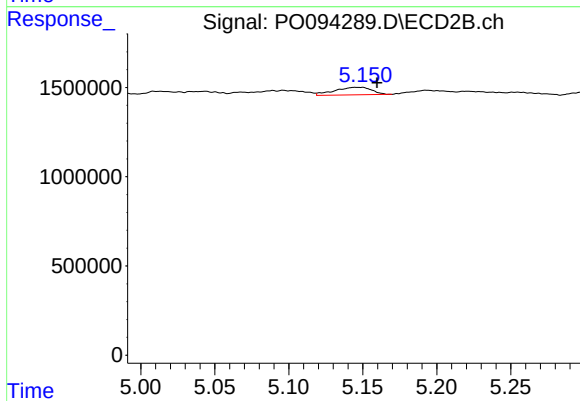
#23 AR-1248-3

R.T.: 4.980 min
Delta R.T.: -0.008 min
Response: 826252
Conc: 19.80 ng/ml



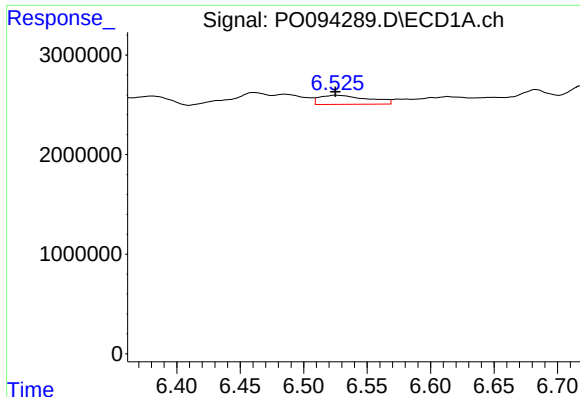
#24 AR-1248-4

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 1777228
Conc: 16.55 ng/ml



#24 AR-1248-4

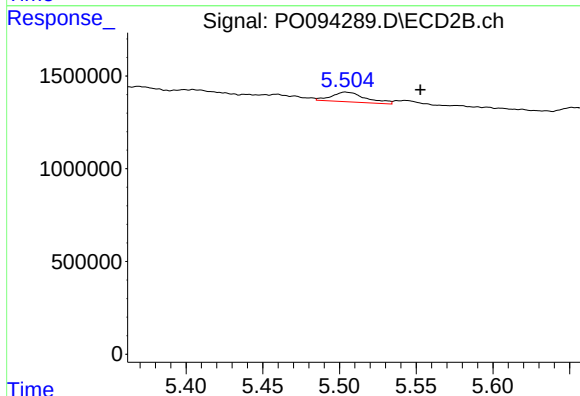
R.T.: 5.145 min
Delta R.T.: -0.014 min
Response: 732763
Conc: 15.58 ng/ml



#25 AR-1248-5

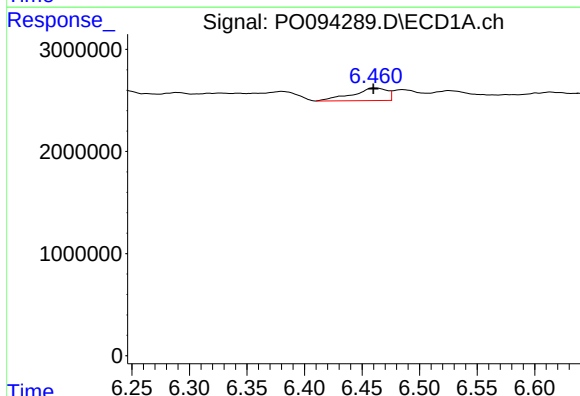
R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 2444540
Conc: 21.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



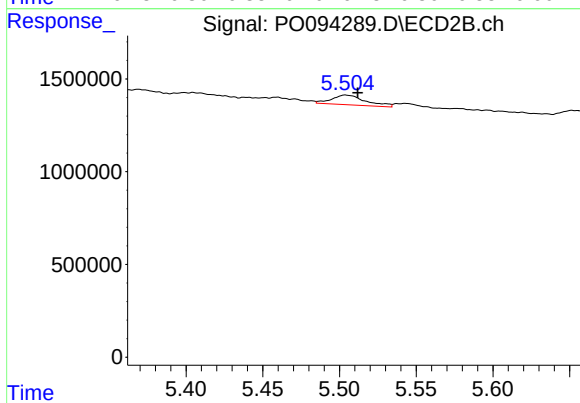
#25 AR-1248-5

R.T.: 5.504 min
Delta R.T.: -0.049 min
Response: 810884
Conc: 21.72 ng/ml



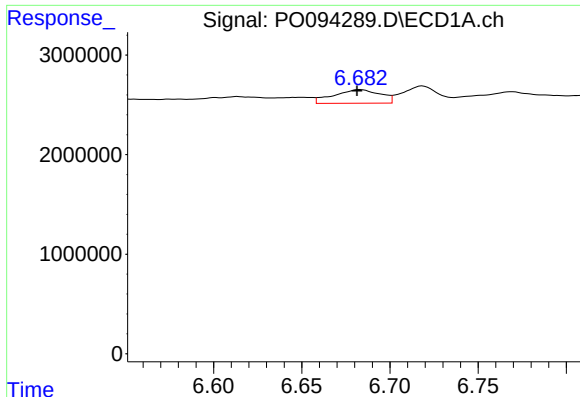
#26 AR-1254-1

R.T.: 6.461 min
Delta R.T.: 0.000 min
Response: 2600944
Conc: 19.18 ng/ml



#26 AR-1254-1

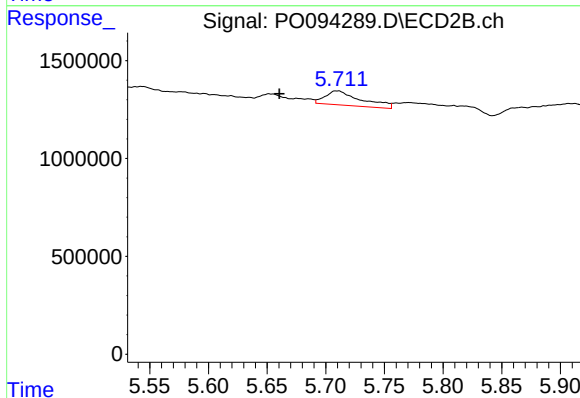
R.T.: 5.504 min
Delta R.T.: -0.008 min
Response: 810884
Conc: 11.86 ng/ml



#27 AR-1254-2

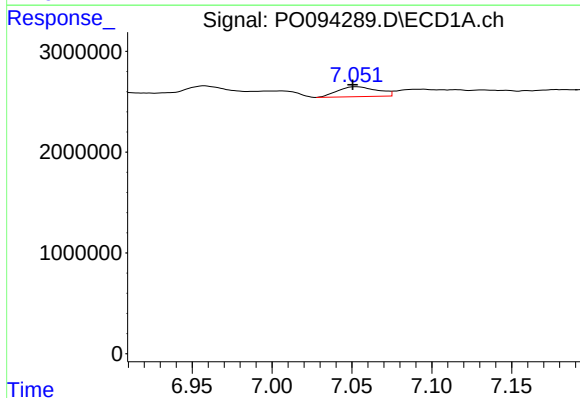
R.T.: 6.683 min
Delta R.T.: 0.002 min
Response: 2510191
Conc: 12.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



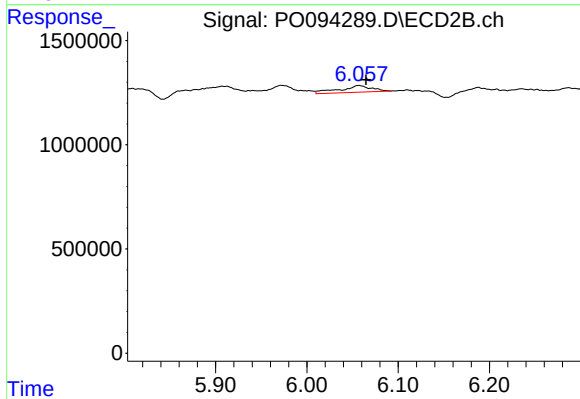
#27 AR-1254-2

R.T.: 5.710 min
Delta R.T.: 0.049 min
Response: 1545861
Conc: 25.38 ng/ml



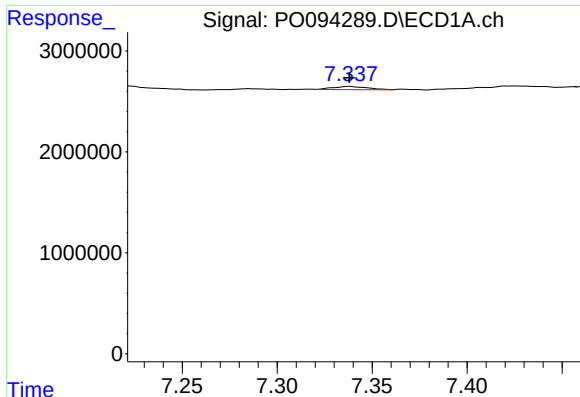
#28 AR-1254-3

R.T.: 7.053 min
Delta R.T.: 0.002 min
Response: 1698575
Conc: 9.19 ng/ml



#28 AR-1254-3

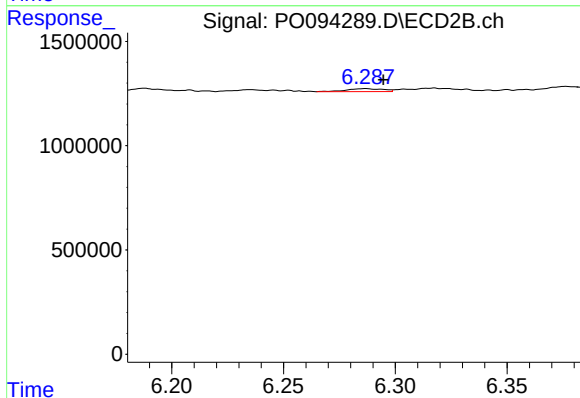
R.T.: 6.057 min
Delta R.T.: -0.008 min
Response: 772386
Conc: 8.48 ng/ml



#29 AR-1254-4

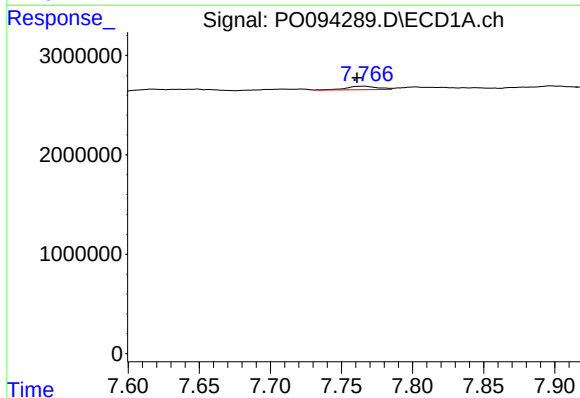
R.T.: 7.338 min
Delta R.T.: 0.000 min
Response: 399005
Conc: 3.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



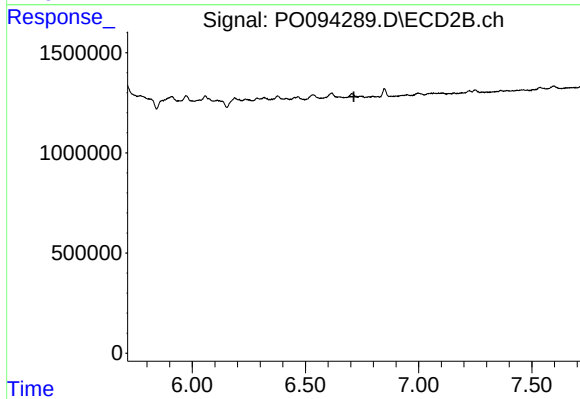
#29 AR-1254-4

R.T.: 6.287 min
Delta R.T.: -0.008 min
Response: 164641
Conc: 3.87 ng/ml



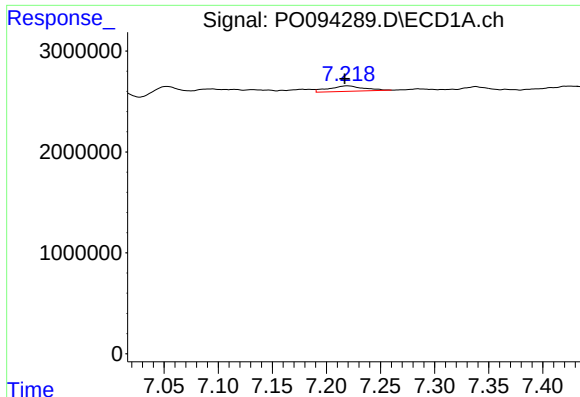
#30 AR-1254-5

R.T.: 7.766 min
Delta R.T.: 0.005 min
Response: 528143
Conc: 3.89 ng/ml



#30 AR-1254-5

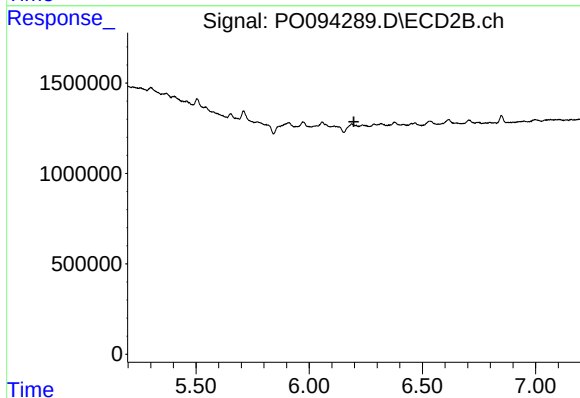
R.T.: 0.000 min
Exp R.T. : 6.714 min
Response: 0
Conc: N.D.



#31 AR-1260-1

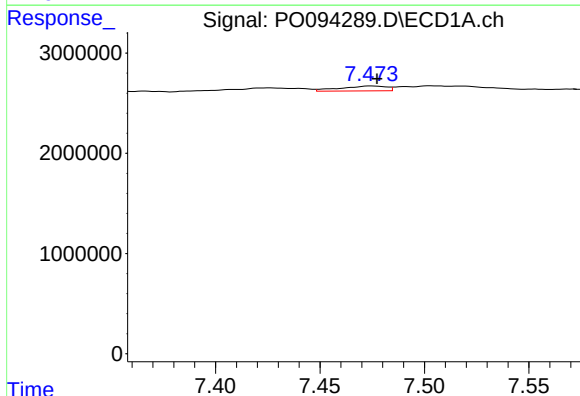
R.T.: 7.219 min
Delta R.T.: 0.002 min
Response: 1184371
Conc: 8.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



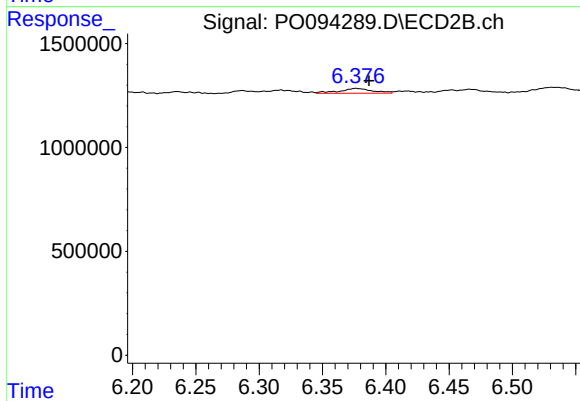
#31 AR-1260-1

R.T.: 6.188 min
Delta R.T.: -0.010 min
Response: -123573
Conc: N.D.



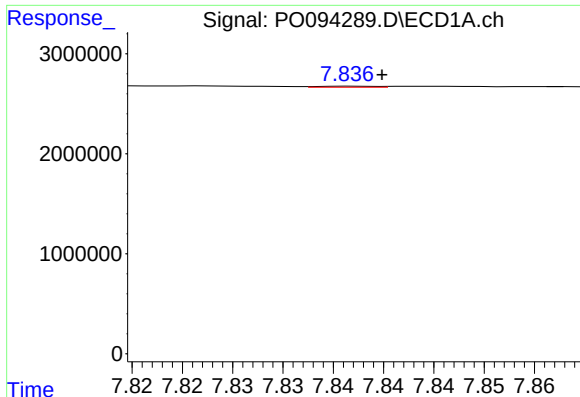
#32 AR-1260-2

R.T.: 7.474 min
Delta R.T.: -0.003 min
Response: 756878
Conc: 4.73 ng/ml



#32 AR-1260-2

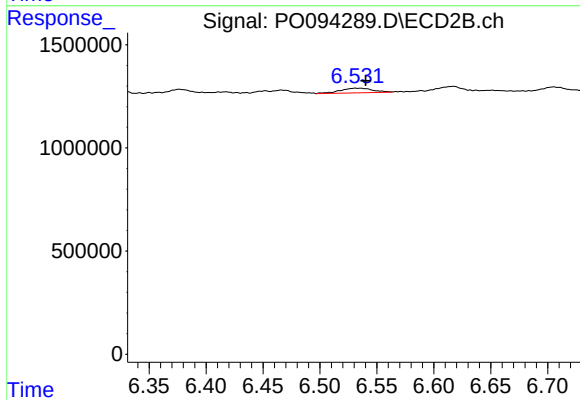
R.T.: 6.377 min
Delta R.T.: -0.010 min
Response: 424042
Conc: 5.84 ng/ml



#33 AR-1260-3

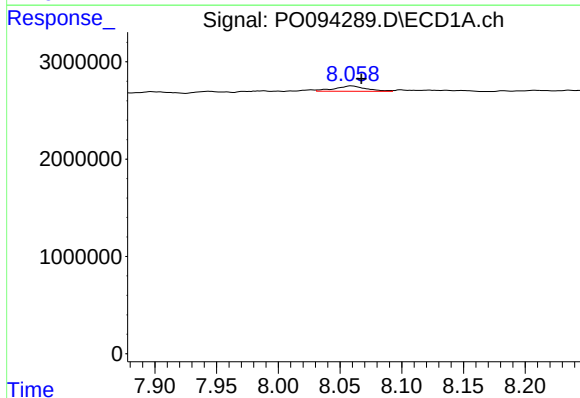
R.T.: 7.837 min
Delta R.T.: -0.003 min
Response: 44559
Conc: 0.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



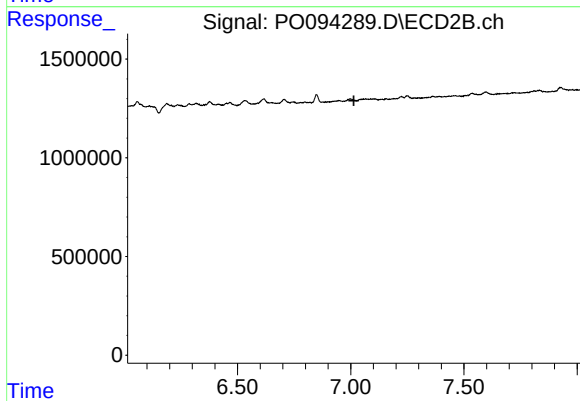
#33 AR-1260-3

R.T.: 6.532 min
Delta R.T.: -0.009 min
Response: 446069
Conc: 6.15 ng/ml



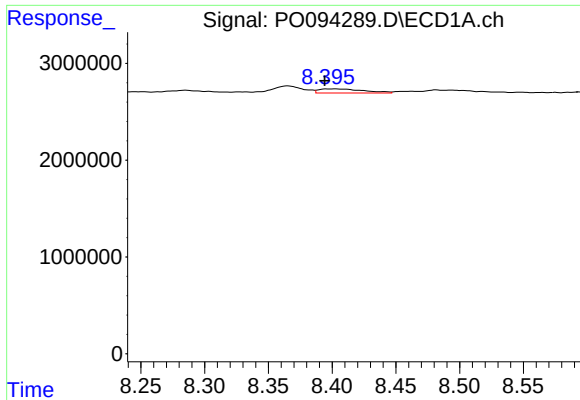
#34 AR-1260-4

R.T.: 8.059 min
Delta R.T.: -0.008 min
Response: 973182
Conc: 7.07 ng/ml



#34 AR-1260-4

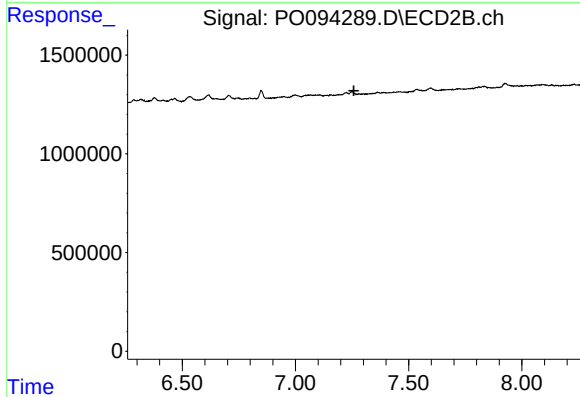
R.T.: 0.000 min
Exp R.T.: 7.014 min
Response: 0
Conc: N.D.



#35 AR-1260-5

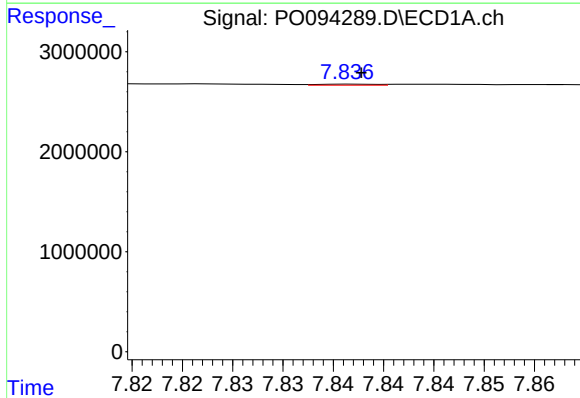
R.T.: 8.402 min
Delta R.T.: 0.008 min
Response: 1021612
Conc: 4.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



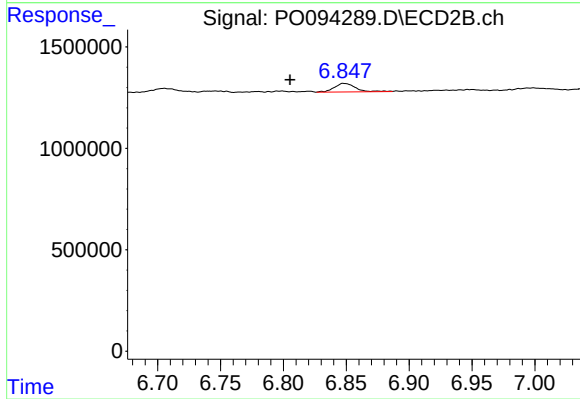
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.258 min
Response: 0
Conc: N.D.



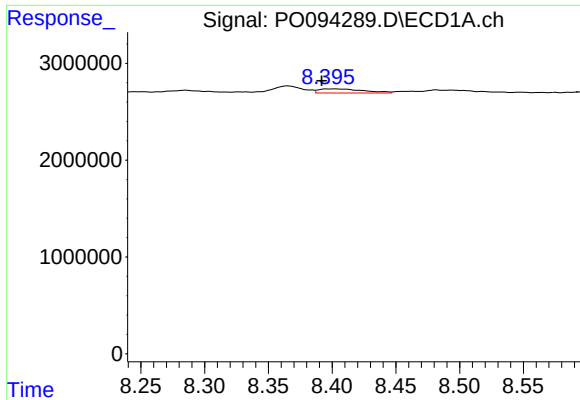
#36 AR-1262-1

R.T.: 7.837 min
Delta R.T.: 0.000 min
Response: 44559
Conc: 0.26 ng/ml



#36 AR-1262-1

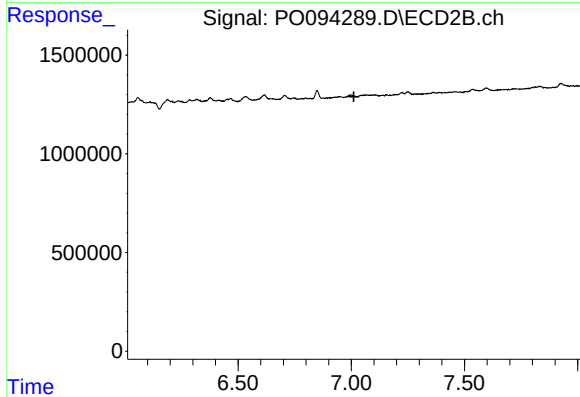
R.T.: 6.848 min
Delta R.T.: 0.043 min
Response: 504299
Conc: 14.41 ng/ml



#37 AR-1262-2

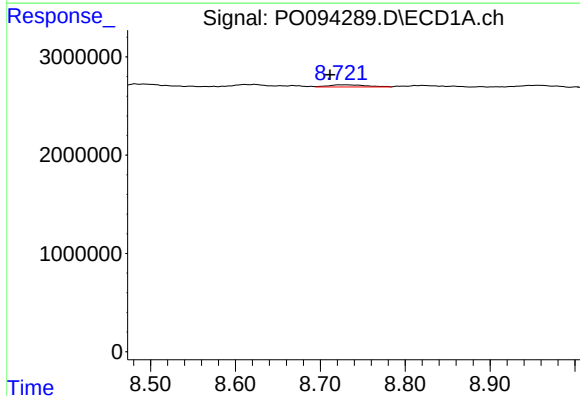
R.T.: 8.402 min
Delta R.T.: 0.010 min
Response: 1021612
Conc: 4.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



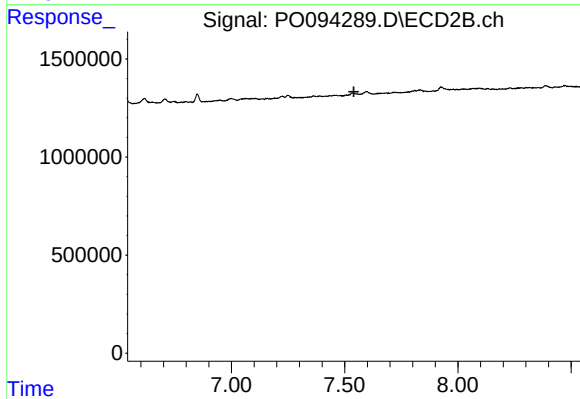
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.012 min
Response: 0
Conc: N.D.



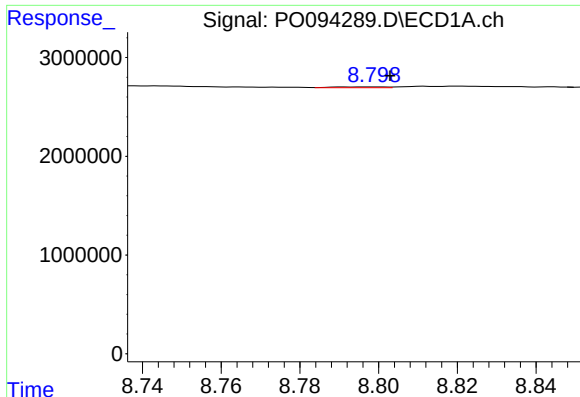
#38 AR-1262-3

R.T.: 8.722 min
Delta R.T.: 0.011 min
Response: 672507
Conc: 4.11 ng/ml



#38 AR-1262-3

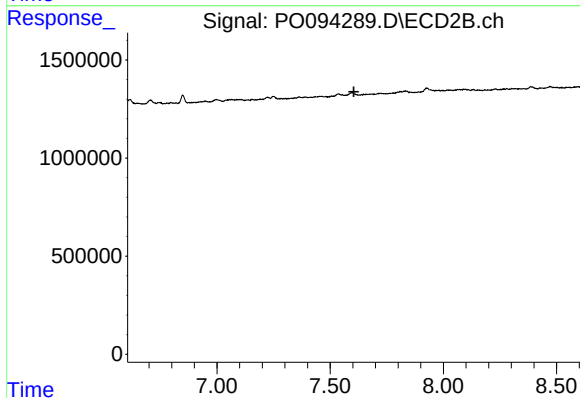
R.T.: 0.000 min
Exp R.T. : 7.541 min
Response: 0
Conc: N.D.



#39 AR-1262-4

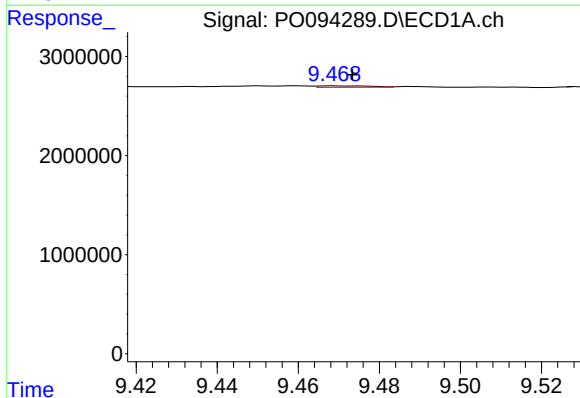
R.T.: 8.799 min
Delta R.T.: -0.004 min
Response: 78559
Conc: 0.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



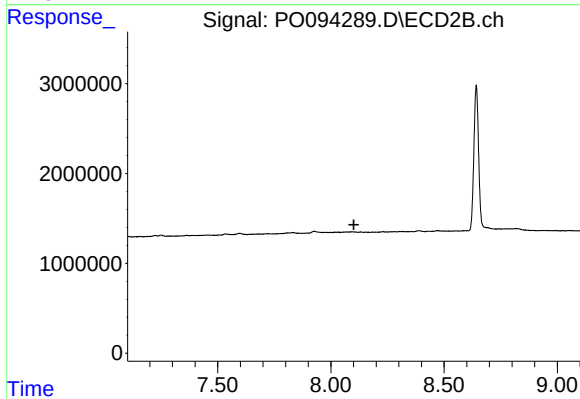
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.605 min
Response: 0
Conc: N.D.



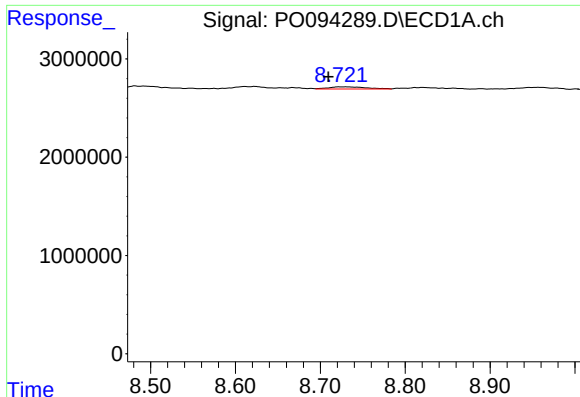
#40 AR-1262-5

R.T.: 9.469 min
Delta R.T.: -0.005 min
Response: 134845
Conc: 1.68 ng/ml



#40 AR-1262-5

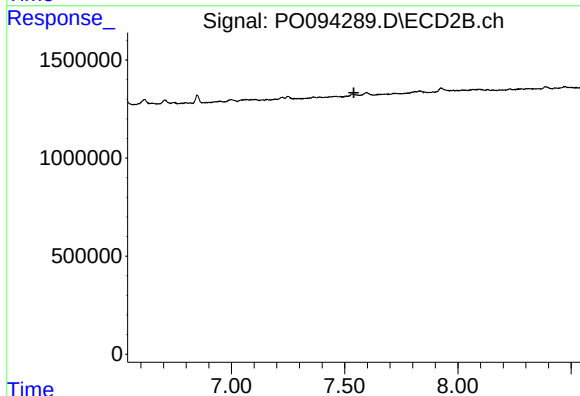
R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#41 AR-1268-1

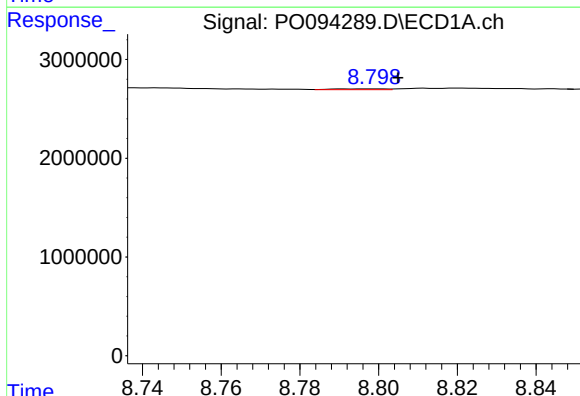
R.T.: 8.722 min
Delta R.T.: 0.013 min
Response: 672507
Conc: 2.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



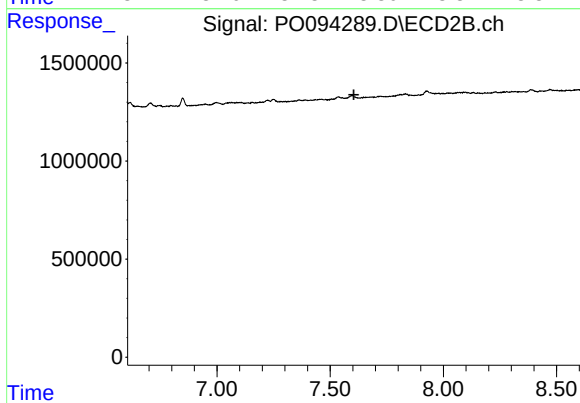
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.540 min
Response: 0
Conc: N.D.



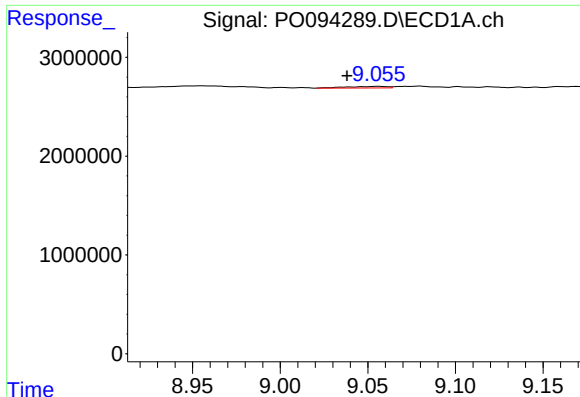
#42 AR-1268-2

R.T.: 8.799 min
Delta R.T.: -0.006 min
Response: 78559
Conc: 0.24 ng/ml



#42 AR-1268-2

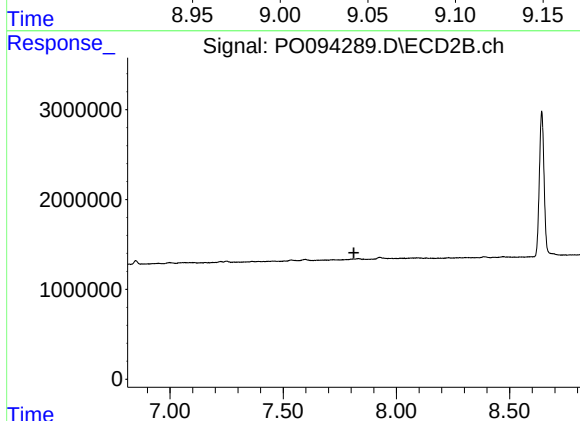
R.T.: 0.000 min
Exp R.T. : 7.605 min
Response: 0
Conc: N.D.



#43 AR-1268-3

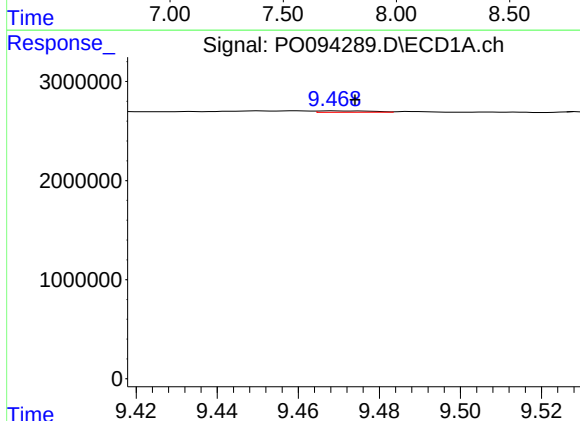
R.T.: 9.056 min
Delta R.T.: 0.018 min
Response: 259590
Conc: 0.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



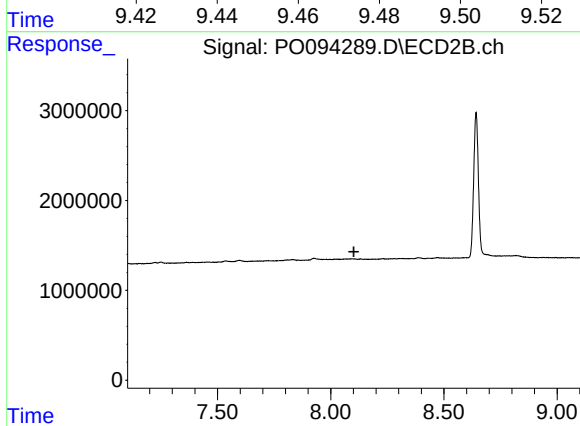
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.812 min
Response: 0
Conc: N.D.



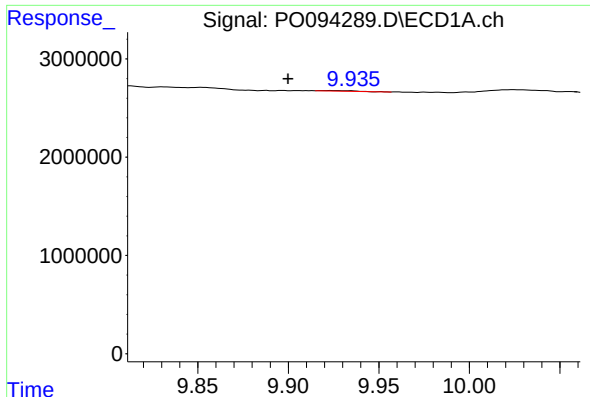
#44 AR-1268-4

R.T.: 9.469 min
Delta R.T.: -0.005 min
Response: 134845
Conc: 1.39 ng/ml



#44 AR-1268-4

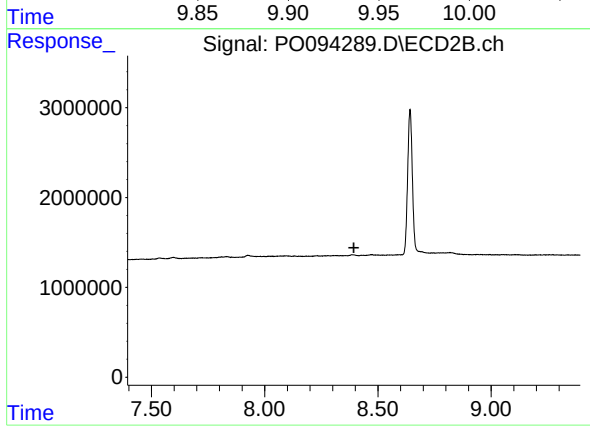
R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.924 min
Delta R.T.: 0.024 min
Response: 74386
Conc: 0.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.394 min
Response: 0
Conc: N.D.