

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0051923\
 Data File : P0095197.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2023 17:36
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 19 22:04:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0051823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 19 06:20:17 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...	4.493	3.651	62706141	24887805	21.520	21.918
2)	SA Decachlor...	10.543	8.712	55366431	22812178	23.860	23.522
Target Compounds							
3)	L1 AR-1016-1	5.692	0.000	496613	0	4.763	N.D. #
4)	L1 AR-1016-2	5.716	0.000	539049	0	3.574	N.D. #
5)	L1 AR-1016-3	5.772	0.000	1148779	0	12.150	N.D. #
6)	L1 AR-1016-4	5.843f	0.000	896451	0	11.912	N.D. #
7)	L1 AR-1016-5	6.193	5.207	224781	487638	3.020	15.428 #
8)	L2 AR-1221-1	4.704	0.000	73434	0	1.969	N.D. #
9)	L2 AR-1221-2	4.784	3.951	65425	355304	2.234	30.366 #
10)	L2 AR-1221-3	4.890	0.000	824096	0	9.699	N.D. #
11)	L3 AR-1232-1	4.890	0.000	824096	0	13.015	N.D. #
12)	L3 AR-1232-2	5.397	0.000	358140	0	10.011	N.D. #
13)	L3 AR-1232-3	5.716	0.000	539049	0	7.994	N.D. #
14)	L3 AR-1232-4	5.843f	0.000	896451	0	26.414	N.D. #
15)	L3 AR-1232-5	6.014	5.207	159207	487638	5.555	34.721 #
16)	L4 AR-1242-1	5.692	0.000	496613	0	6.226	N.D. #
17)	L4 AR-1242-2	5.716	0.000	539049	0	4.716	N.D. #
18)	L4 AR-1242-3	5.772	0.000	1148779	0	15.695	N.D. #
19)	L4 AR-1242-4	5.843f	0.000	896451	0	15.437	N.D. #
20)	L4 AR-1242-5	6.645	0.000	192425	0	3.295	N.D. #
21)	L5 AR-1248-1	5.692	0.000	496613	0	6.943	N.D. #
22)	L5 AR-1248-2	6.014	0.000	159207	0	1.502	N.D. #
23)	L5 AR-1248-3	6.193	0.000	224781	0	1.959	N.D. #
24)	L5 AR-1248-4	6.609	5.207	241162	487638	1.913	10.122 #
25)	L5 AR-1248-5	6.645	0.000	192425	0	1.578	N.D. #
26)	L6 AR-1254-1	6.601	0.000	279216	0	2.469	N.D. #
27)	L6 AR-1254-2	6.793	0.000	168344	0	0.969	N.D. #
28)	L6 AR-1254-3	7.173	0.000	1833508	0	10.452	N.D. #
29)	L6 AR-1254-4	7.500	0.000	1790205	0	13.911	N.D. #
30)	L6 AR-1254-5	7.920	0.000	377151	0	2.276	N.D. #
31)	L7 AR-1260-1	7.366	0.000	611987	0	4.461	N.D. #
32)	L7 AR-1260-2	7.597	0.000	435586	0	2.703	N.D. #
33)	L7 AR-1260-3	7.992	0.000	201112	0	1.962	N.D. #
34)	L7 AR-1260-4	8.225	7.104f	117236	348077	0.823	7.160 #
35)	L7 AR-1260-5	8.576	0.000	197856	0	0.833	N.D. #
36)	L8 AR-1262-1	8.002	0.000	103094	0	0.589	N.D. #
37)	L8 AR-1262-2	8.576	7.104f	197856	348077	0.653	5.004 #
38)	L8 AR-1262-3	8.911	0.000	105287	0	0.502	N.D. #
39)	L8 AR-1262-4	9.002	0.000	323631	0	1.986	N.D. #
40)	L8 AR-1262-5	9.719	0.000	111261	0	1.037	N.D. #
41)	L9 AR-1268-1	8.911	0.000	105287	0	0.297	N.D. #

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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	9.002	0.000	323631	0	0.998	N.D. #
43) L9	AR-1268-3	9.253	7.855	249433	493244	0.902	4.096 #
44) L9	AR-1268-4	9.732	0.000	135637	0	1.148	N.D. #
45) L9	AR-1268-5	10.176	0.000	253293	0	0.287	N.D. #

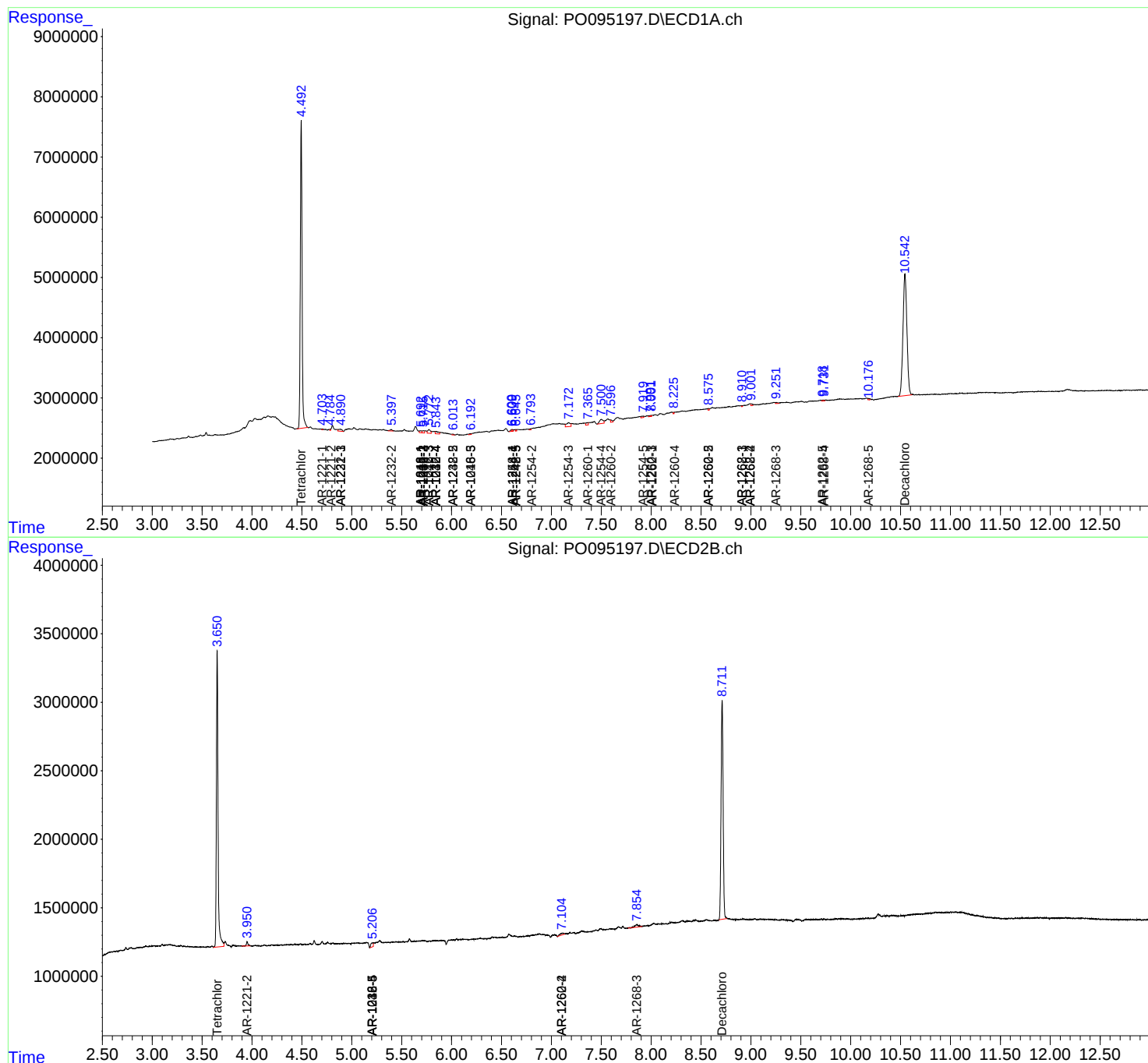
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

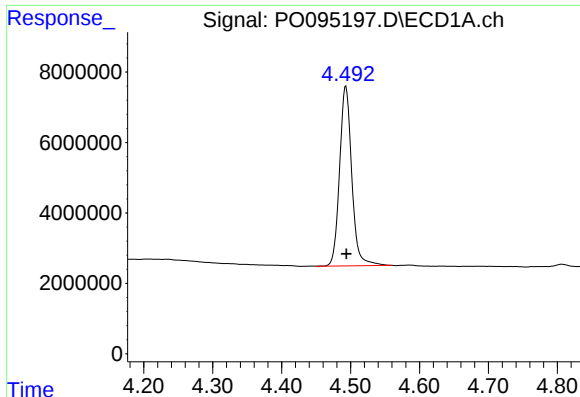
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

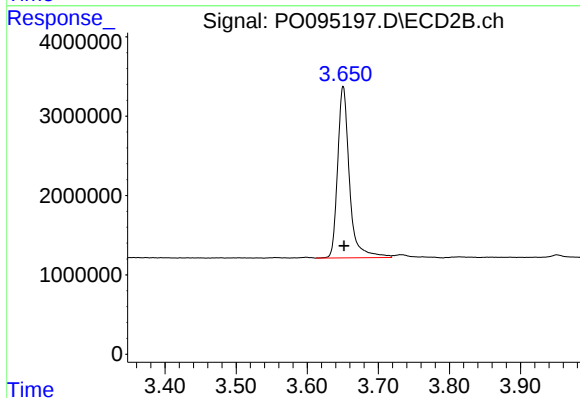




#1 Tetrachloro-m-xylene

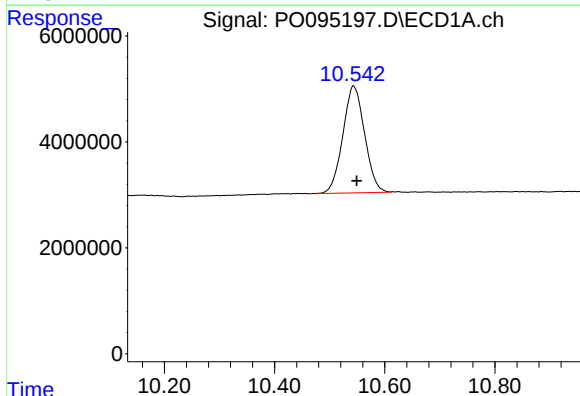
R.T.: 4.493 min
Delta R.T.: 0.000 min
Response: 62706141
Conc: 21.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



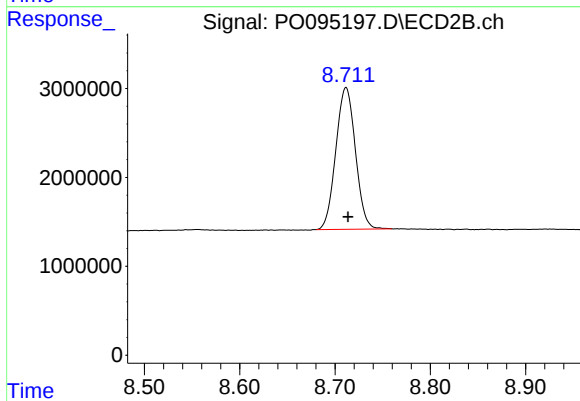
#1 Tetrachloro-m-xylene

R.T.: 3.651 min
Delta R.T.: -0.001 min
Response: 24887805
Conc: 21.92 ng/ml



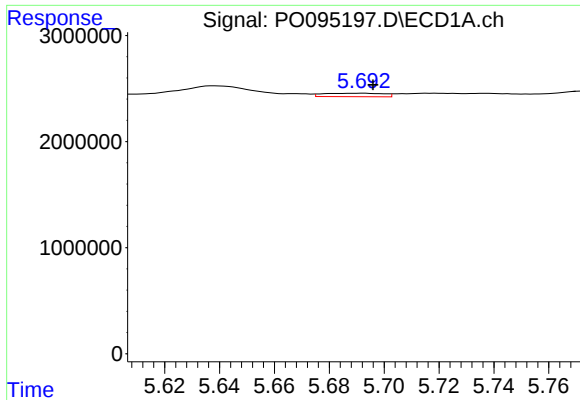
#2 Decachlorobiphenyl

R.T.: 10.543 min
Delta R.T.: -0.006 min
Response: 55366431
Conc: 23.86 ng/ml



#2 Decachlorobiphenyl

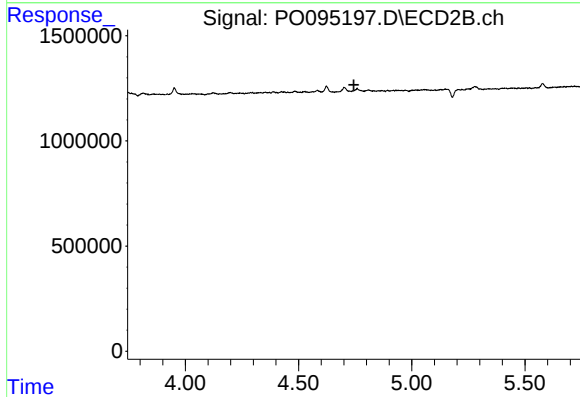
R.T.: 8.712 min
Delta R.T.: -0.002 min
Response: 22812178
Conc: 23.52 ng/ml



#3 AR-1016-1

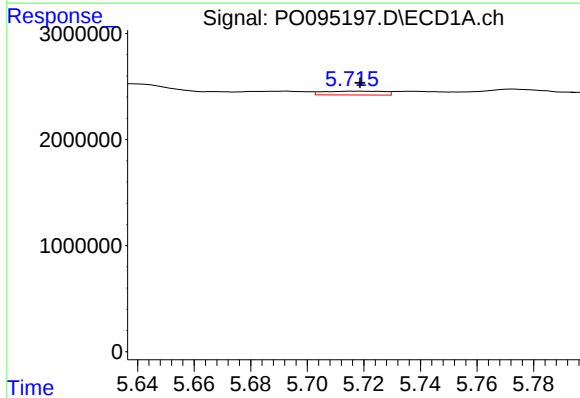
R.T.: 5.692 min
Delta R.T.: -0.004 min
Response: 496613
Conc: 4.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



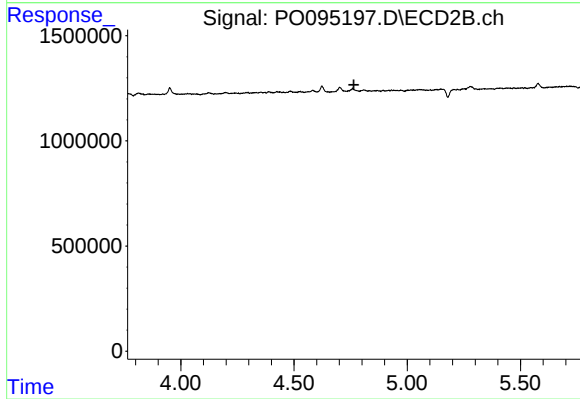
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.745 min
Response: 0
Conc: N.D.



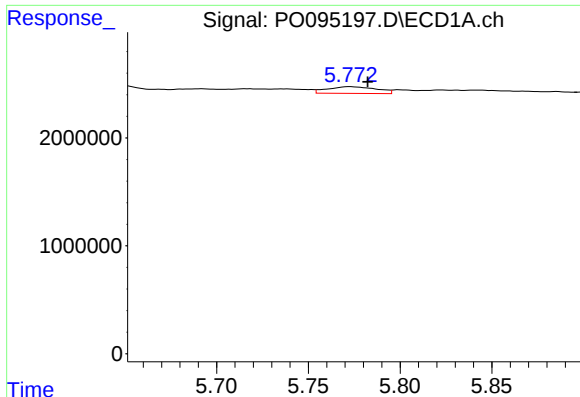
#4 AR-1016-2

R.T.: 5.716 min
Delta R.T.: -0.003 min
Response: 539049
Conc: 3.57 ng/ml



#4 AR-1016-2

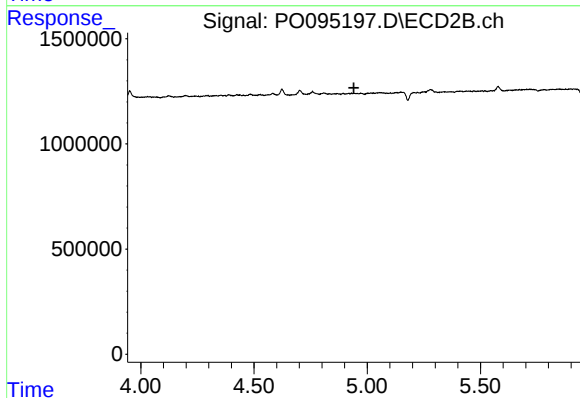
R.T.: 0.000 min
Exp R.T. : 4.764 min
Response: 0
Conc: N.D.



#5 AR-1016-3

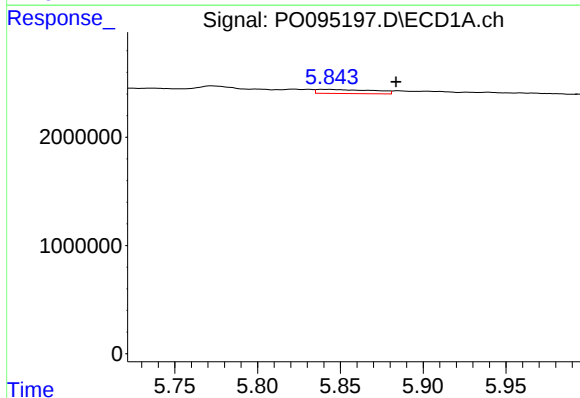
R.T.: 5.772 min
Delta R.T.: -0.010 min
Response: 1148779
Conc: 12.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



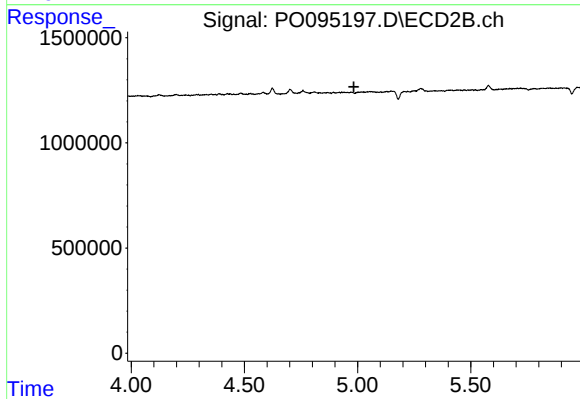
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.941 min
Response: 0
Conc: N.D.



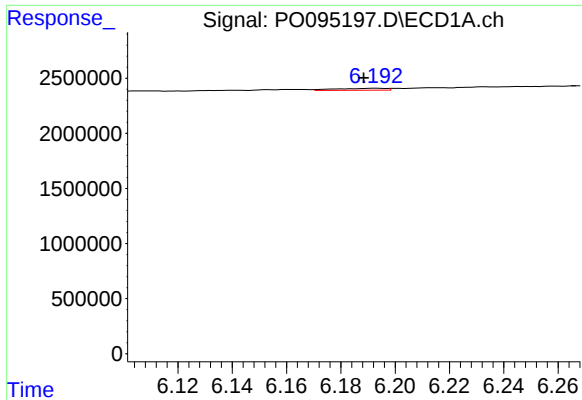
#6 AR-1016-4

R.T.: 5.843 min
Delta R.T.: -0.040 min
Response: 896451
Conc: 11.91 ng/ml



#6 AR-1016-4

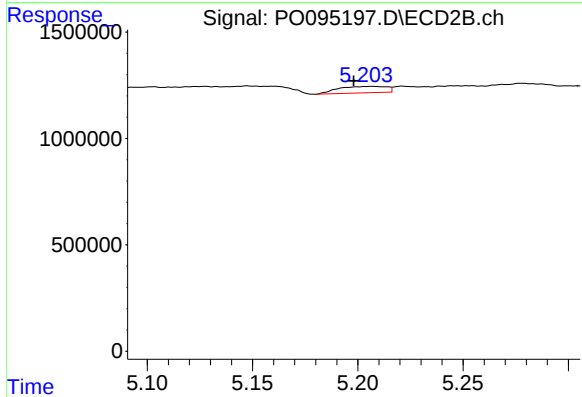
R.T.: 0.000 min
Exp R.T. : 4.984 min
Response: 0
Conc: N.D.



#7 AR-1016-5

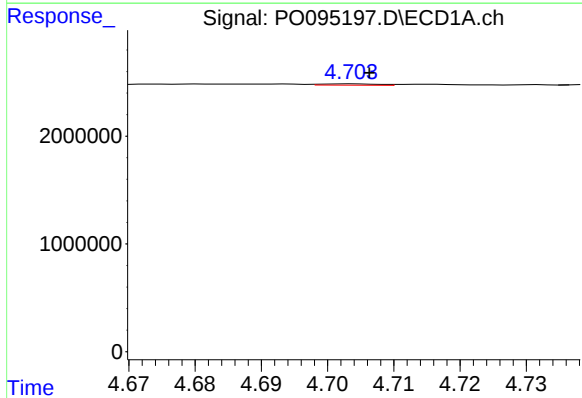
R.T.: 6.193 min
Delta R.T.: 0.004 min
Response: 224781
Conc: 3.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



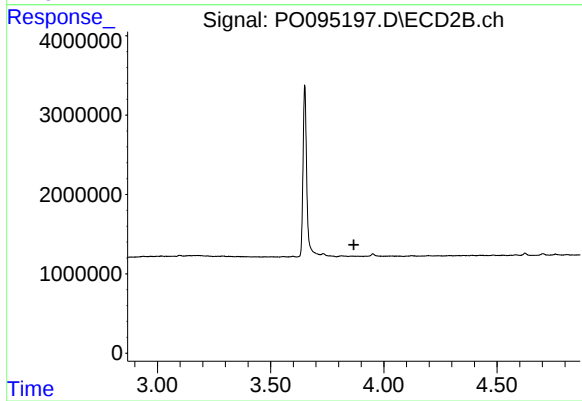
#7 AR-1016-5

R.T.: 5.207 min
Delta R.T.: 0.009 min
Response: 487638
Conc: 15.43 ng/ml



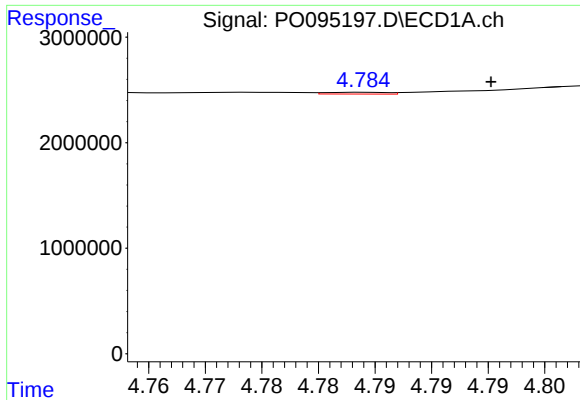
#8 AR-1221-1

R.T.: 4.704 min
Delta R.T.: -0.003 min
Response: 73434
Conc: 1.97 ng/ml



#8 AR-1221-1

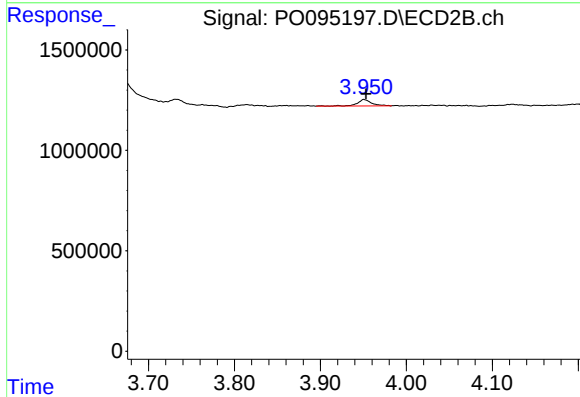
R.T.: 0.000 min
Exp R.T. : 3.868 min
Response: 0
Conc: N.D.



#9 AR-1221-2

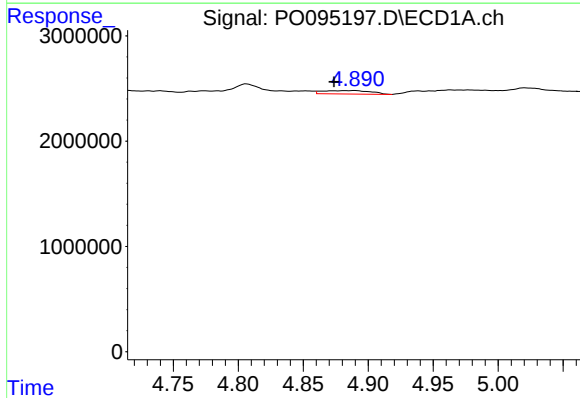
R.T.: 4.784 min
Delta R.T.: -0.011 min
Response: 65425
Conc: 2.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



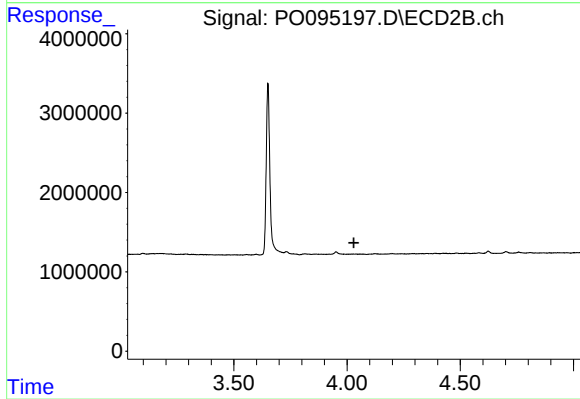
#9 AR-1221-2

R.T.: 3.951 min
Delta R.T.: -0.002 min
Response: 355304
Conc: 30.37 ng/ml



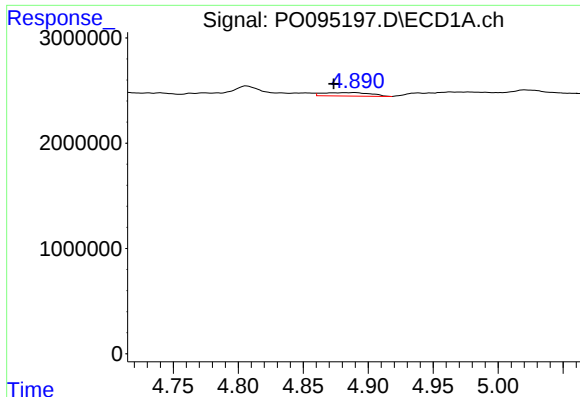
#10 AR-1221-3

R.T.: 4.890 min
Delta R.T.: 0.016 min
Response: 824096
Conc: 9.70 ng/ml



#10 AR-1221-3

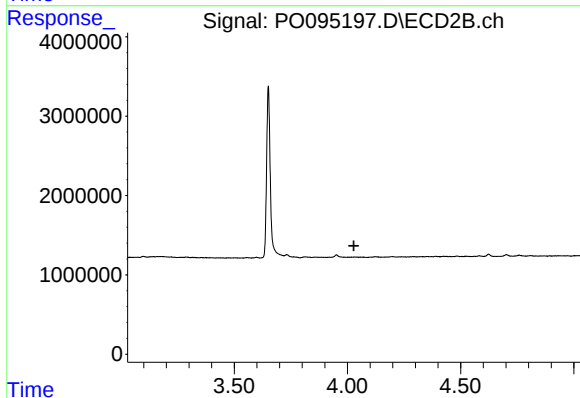
R.T.: 0.000 min
Exp R.T.: 4.030 min
Response: 0
Conc: N.D.



#11 AR-1232-1

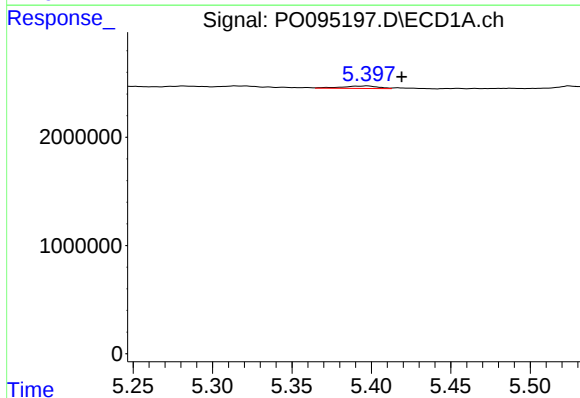
R.T.: 4.890 min
Delta R.T.: 0.017 min
Response: 824096
Conc: 13.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



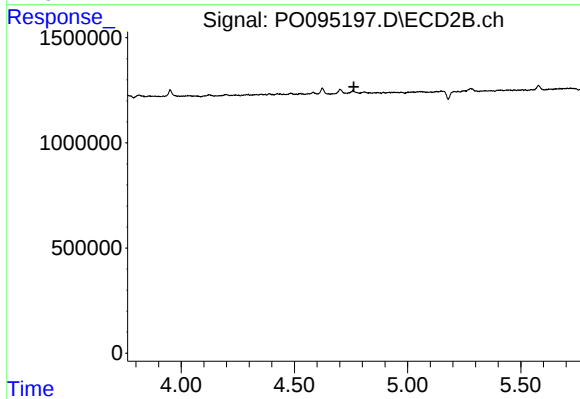
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.028 min
Response: 0
Conc: N.D.



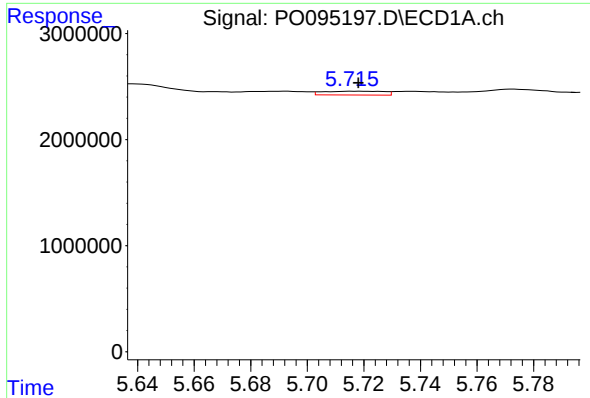
#12 AR-1232-2

R.T.: 5.397 min
Delta R.T.: -0.022 min
Response: 358140
Conc: 10.01 ng/ml



#12 AR-1232-2

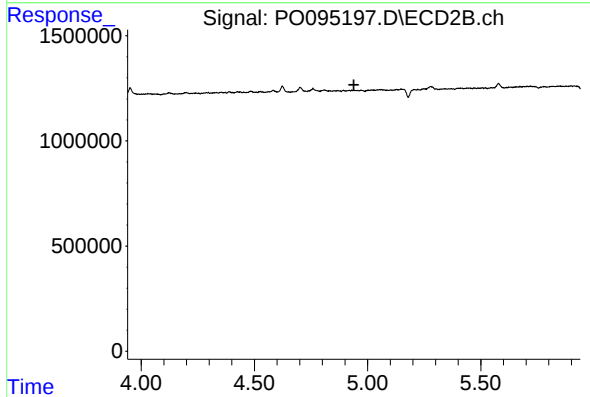
R.T.: 0.000 min
Exp R.T. : 4.763 min
Response: 0
Conc: N.D.



#13 AR-1232-3

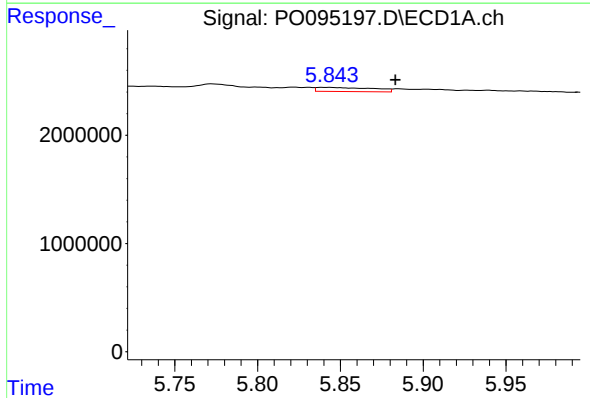
R.T.: 5.716 min
Delta R.T.: -0.002 min
Response: 539049
Conc: 7.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



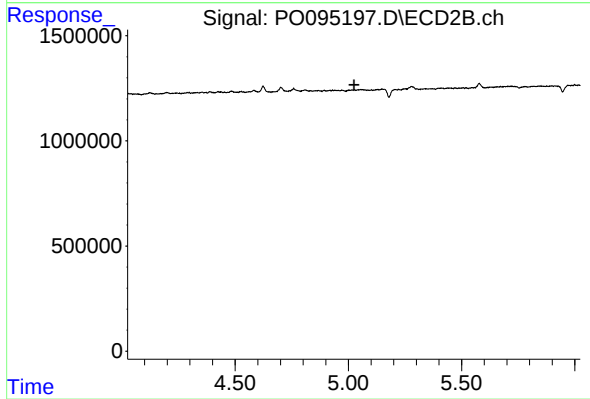
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.940 min
Response: 0
Conc: N.D.



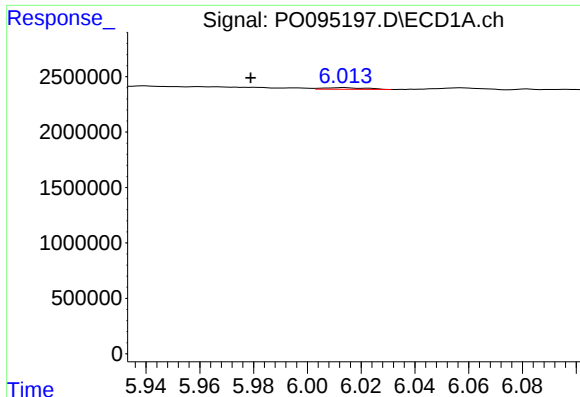
#14 AR-1232-4

R.T.: 5.843 min
Delta R.T.: -0.040 min
Response: 896451
Conc: 26.41 ng/ml



#14 AR-1232-4

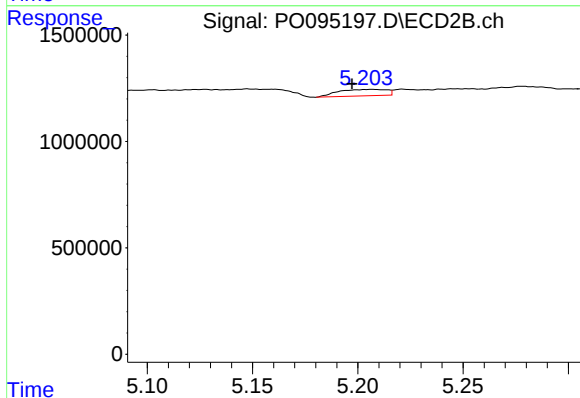
R.T.: 0.000 min
Exp R.T. : 5.025 min
Response: 0
Conc: N.D.



#15 AR-1232-5

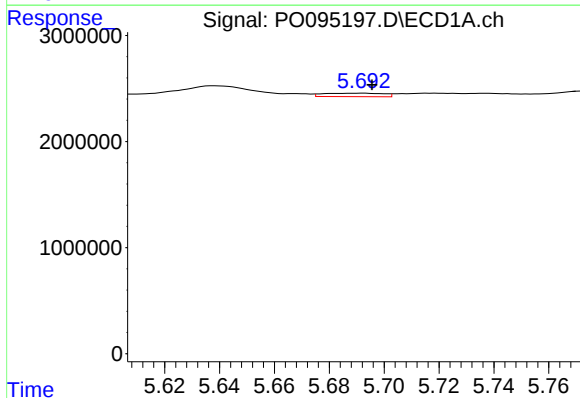
R.T.: 6.014 min
Delta R.T.: 0.035 min
Response: 159207
Conc: 5.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



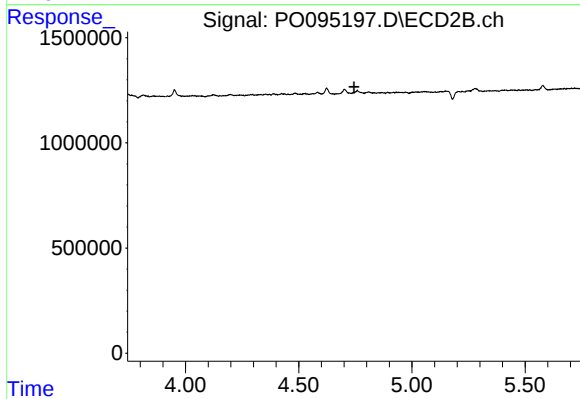
#15 AR-1232-5

R.T.: 5.207 min
Delta R.T.: 0.010 min
Response: 487638
Conc: 34.72 ng/ml



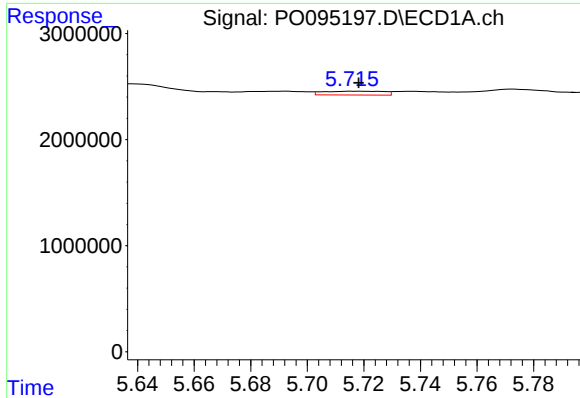
#16 AR-1242-1

R.T.: 5.692 min
Delta R.T.: -0.003 min
Response: 496613
Conc: 6.23 ng/ml



#16 AR-1242-1

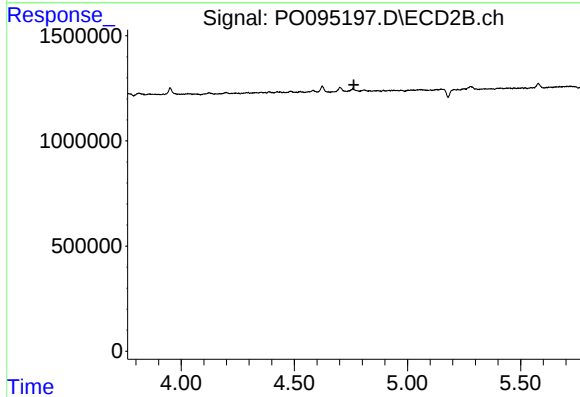
R.T.: 0.000 min
Exp R.T.: 4.744 min
Response: 0
Conc: N.D.



#17 AR-1242-2

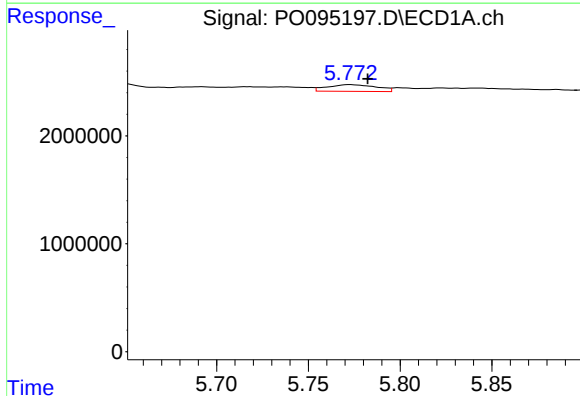
R.T.: 5.716 min
Delta R.T.: -0.002 min
Response: 539049
Conc: 4.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



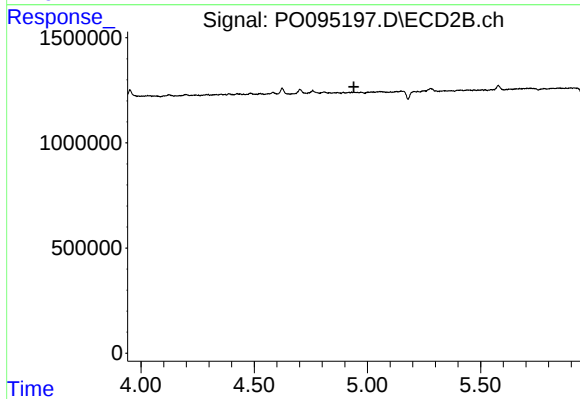
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.763 min
Response: 0
Conc: N.D.



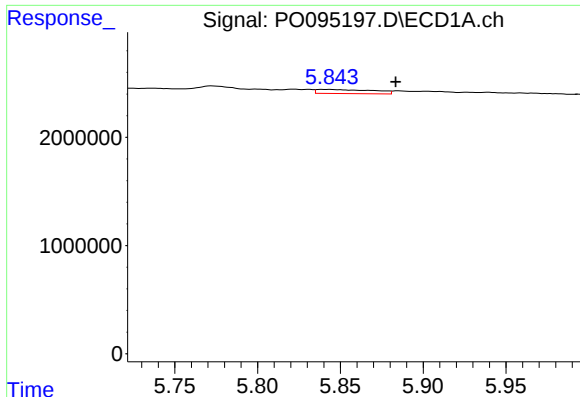
#18 AR-1242-3

R.T.: 5.772 min
Delta R.T.: -0.010 min
Response: 1148779
Conc: 15.70 ng/ml



#18 AR-1242-3

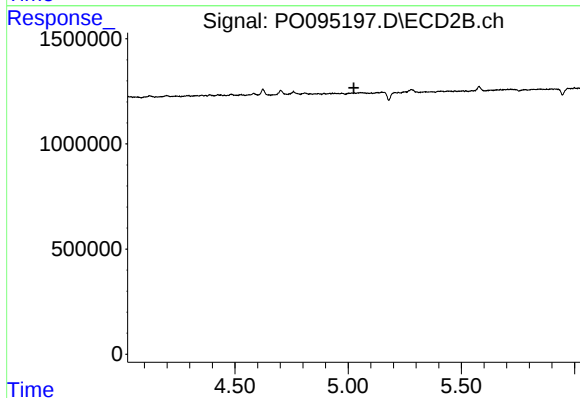
R.T.: 0.000 min
Exp R.T. : 4.940 min
Response: 0
Conc: N.D.



#19 AR-1242-4

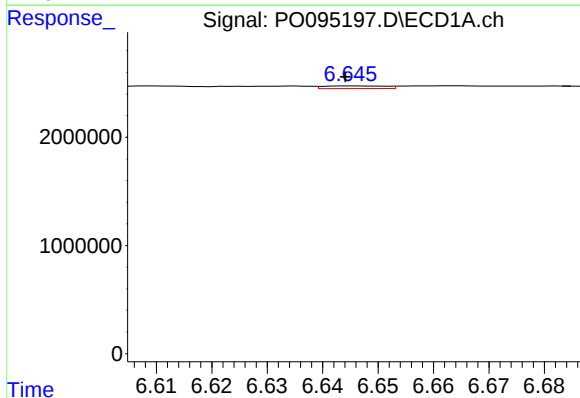
R.T.: 5.843 min
Delta R.T.: -0.040 min
Response: 896451
Conc: 15.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



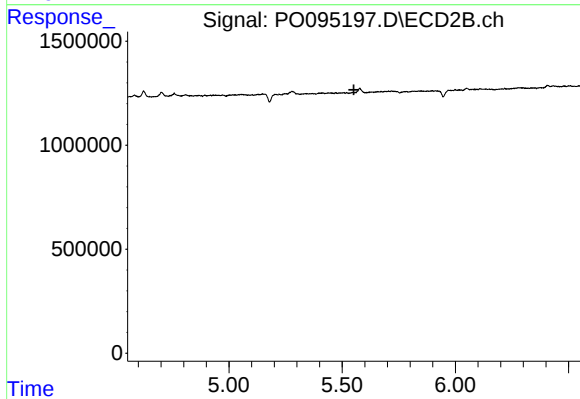
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.025 min
Response: 0
Conc: N.D.



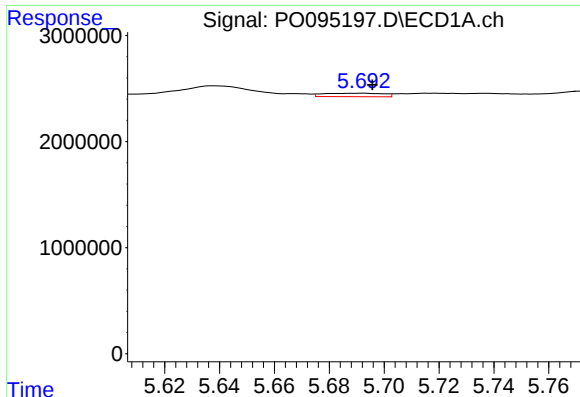
#20 AR-1242-5

R.T.: 6.645 min
Delta R.T.: 0.001 min
Response: 192425
Conc: 3.29 ng/ml



#20 AR-1242-5

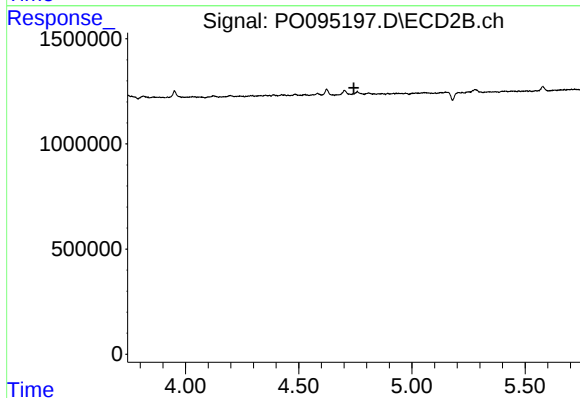
R.T.: 0.000 min
Exp R.T. : 5.551 min
Response: 0
Conc: N.D.



#21 AR-1248-1

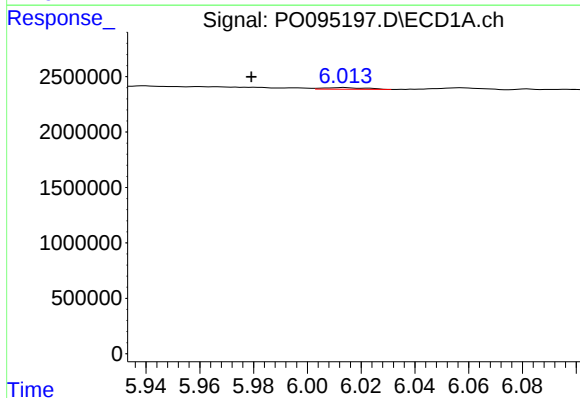
R.T.: 5.692 min
Delta R.T.: -0.004 min
Response: 496613
Conc: 6.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



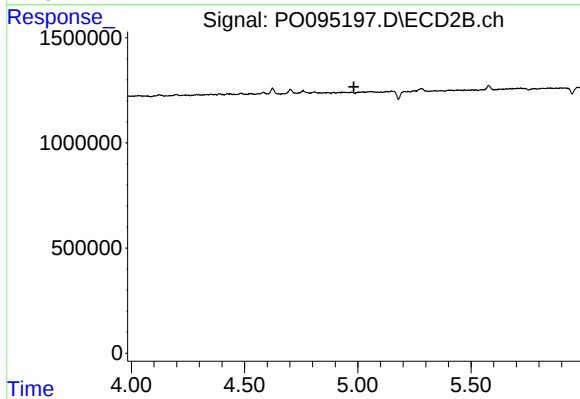
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.744 min
Response: 0
Conc: N.D.



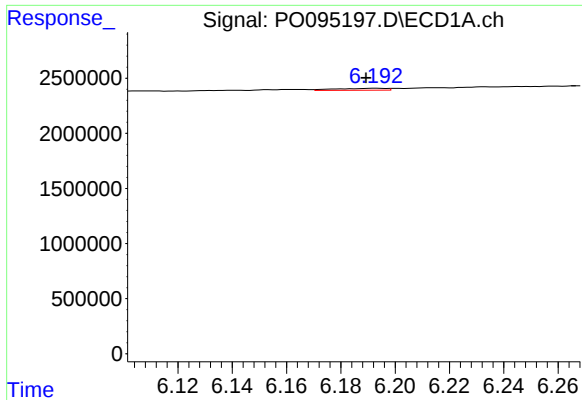
#22 AR-1248-2

R.T.: 6.014 min
Delta R.T.: 0.034 min
Response: 159207
Conc: 1.50 ng/ml



#22 AR-1248-2

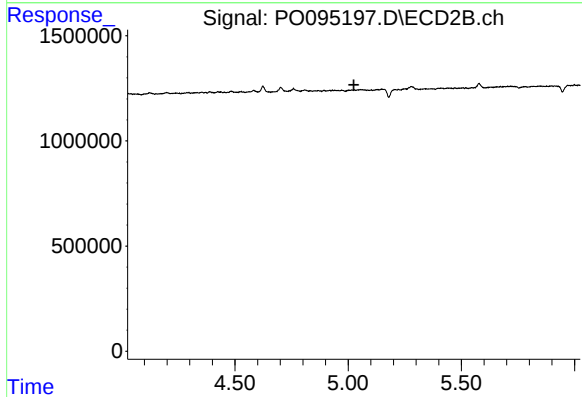
R.T.: 0.000 min
Exp R.T. : 4.983 min
Response: 0
Conc: N.D.



#23 AR-1248-3

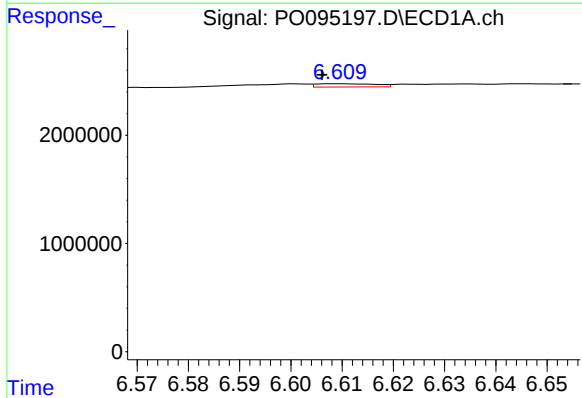
R.T.: 6.193 min
Delta R.T.: 0.004 min
Response: 224781
Conc: 1.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



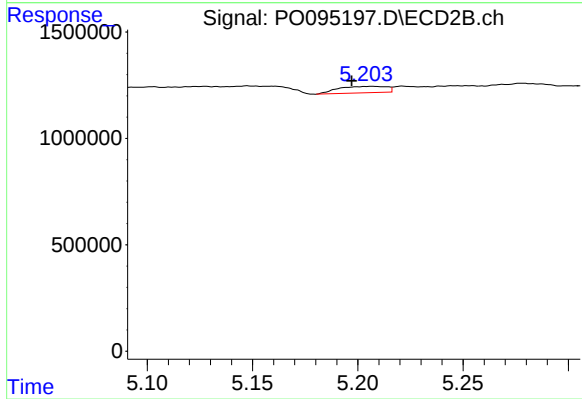
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.025 min
Response: 0
Conc: N.D.



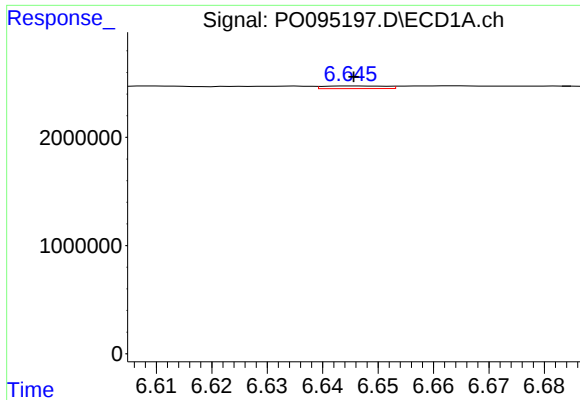
#24 AR-1248-4

R.T.: 6.609 min
Delta R.T.: 0.003 min
Response: 241162
Conc: 1.91 ng/ml



#24 AR-1248-4

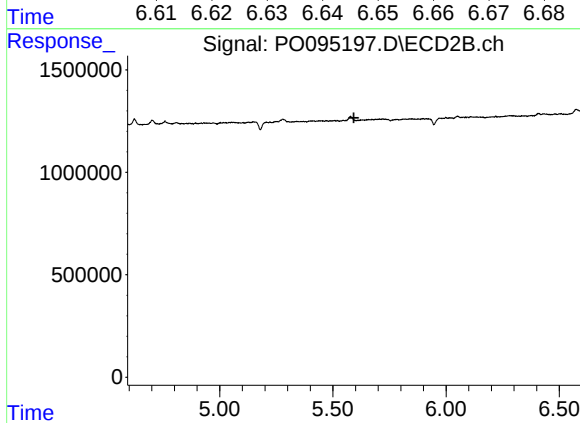
R.T.: 5.207 min
Delta R.T.: 0.010 min
Response: 487638
Conc: 10.12 ng/ml



#25 AR-1248-5

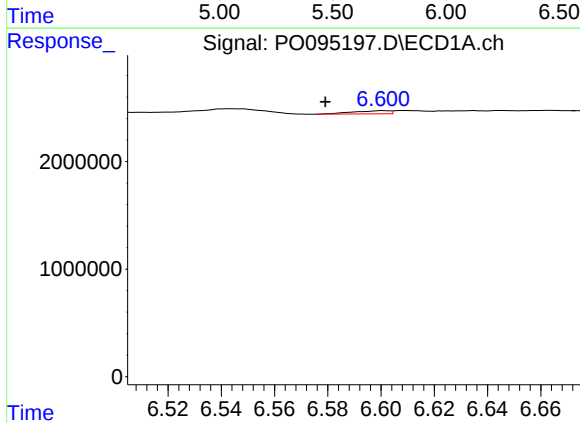
R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 192425
Conc: 1.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



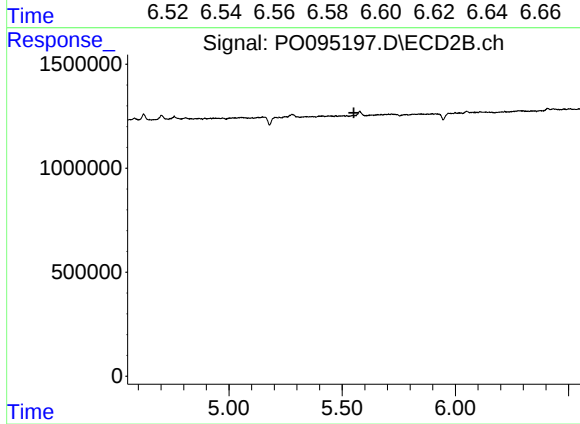
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.593 min
Response: 0
Conc: N.D.



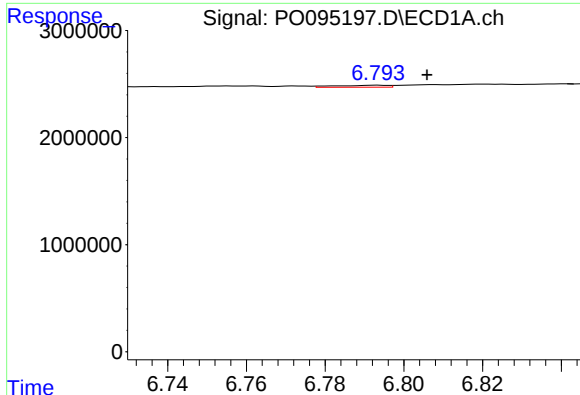
#26 AR-1254-1

R.T.: 6.601 min
Delta R.T.: 0.022 min
Response: 279216
Conc: 2.47 ng/ml



#26 AR-1254-1

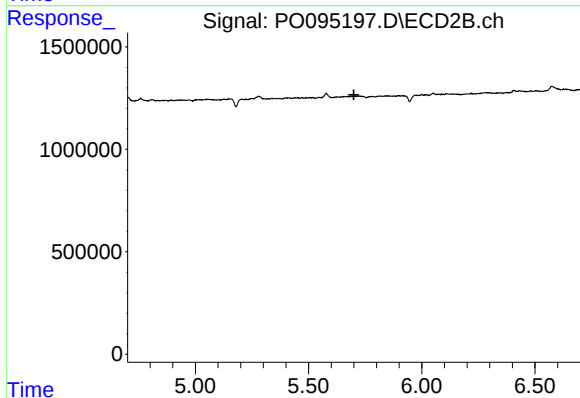
R.T.: 0.000 min
Exp R.T. : 5.552 min
Response: 0
Conc: N.D.



#27 AR-1254-2

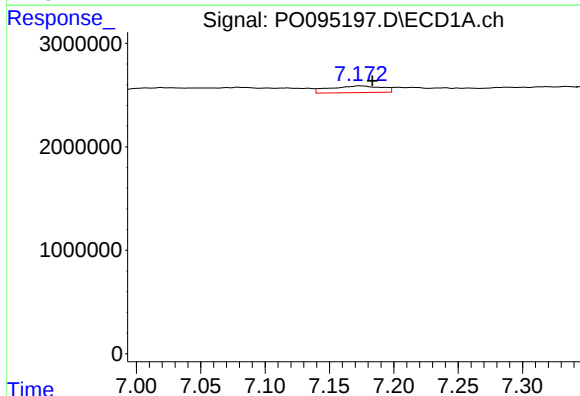
R.T.: 6.793 min
Delta R.T.: -0.012 min
Response: 168344
Conc: 0.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



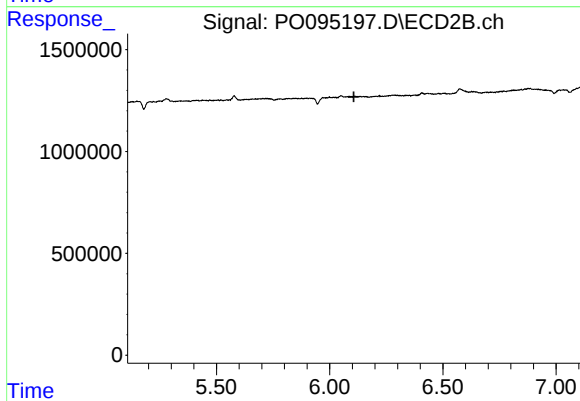
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.700 min
Response: 0
Conc: N.D.



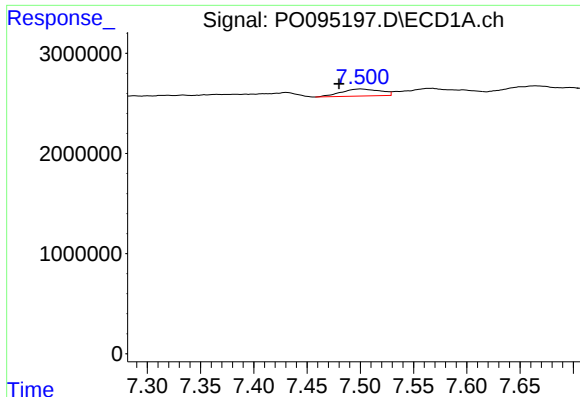
#28 AR-1254-3

R.T.: 7.173 min
Delta R.T.: -0.010 min
Response: 1833508
Conc: 10.45 ng/ml



#28 AR-1254-3

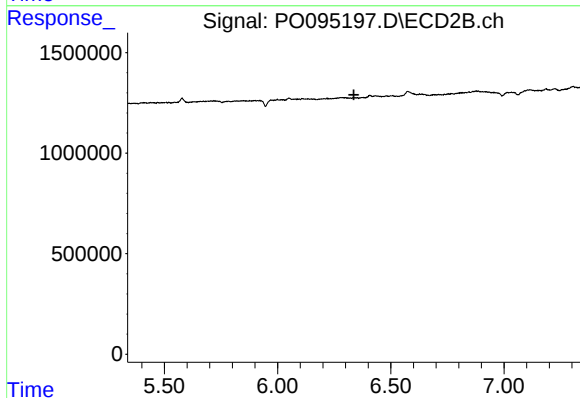
R.T.: 0.000 min
Exp R.T. : 6.107 min
Response: 0
Conc: N.D.



#29 AR-1254-4

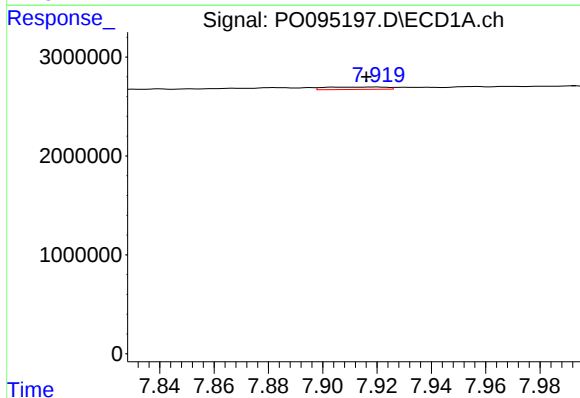
R.T.: 7.500 min
Delta R.T.: 0.020 min
Response: 1790205
Conc: 13.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



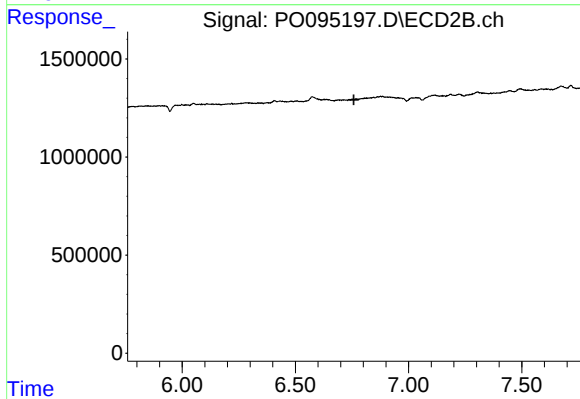
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.336 min
Response: 0
Conc: N.D.



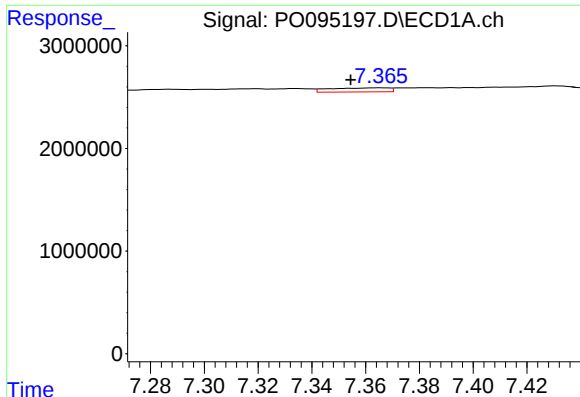
#30 AR-1254-5

R.T.: 7.920 min
Delta R.T.: 0.004 min
Response: 377151
Conc: 2.28 ng/ml



#30 AR-1254-5

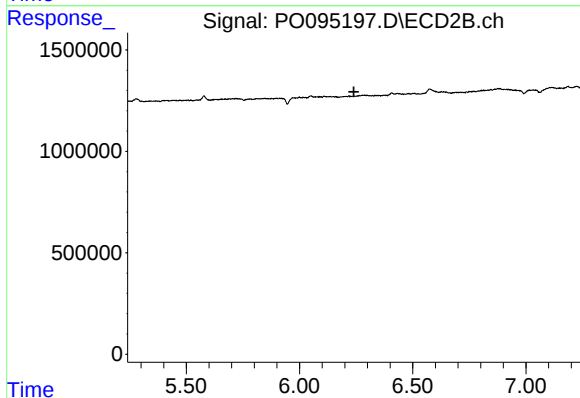
R.T.: 0.000 min
Exp R.T. : 6.758 min
Response: 0
Conc: N.D.



#31 AR-1260-1

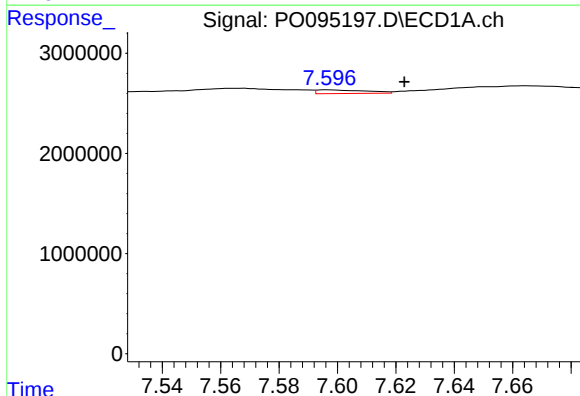
R.T.: 7.366 min
Delta R.T.: 0.011 min
Response: 611987
Conc: 4.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



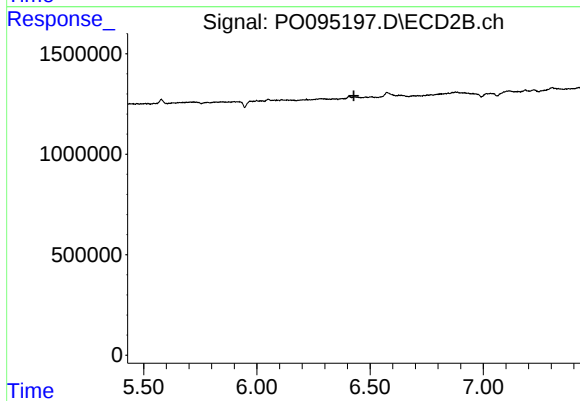
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.240 min
Response: 0
Conc: N.D.



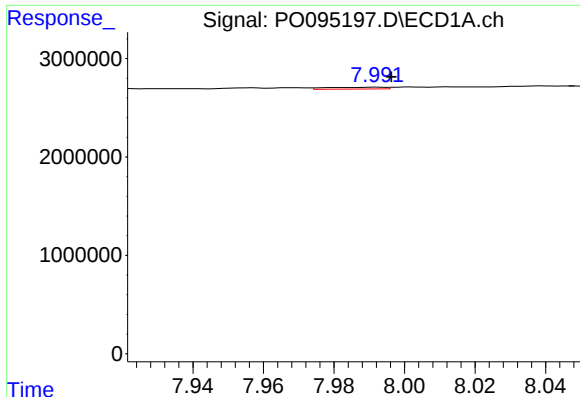
#32 AR-1260-2

R.T.: 7.597 min
Delta R.T.: -0.026 min
Response: 435586
Conc: 2.70 ng/ml



#32 AR-1260-2

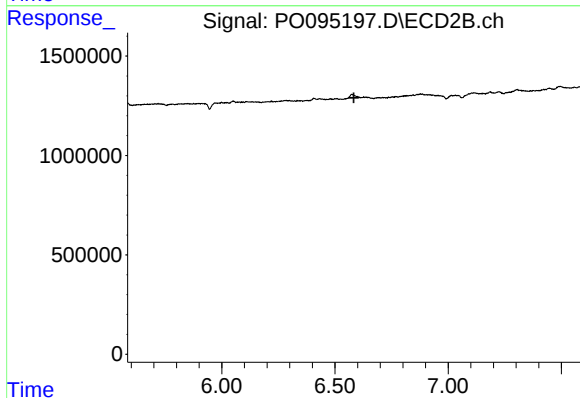
R.T.: 0.000 min
Exp R.T. : 6.429 min
Response: 0
Conc: N.D.



#33 AR-1260-3

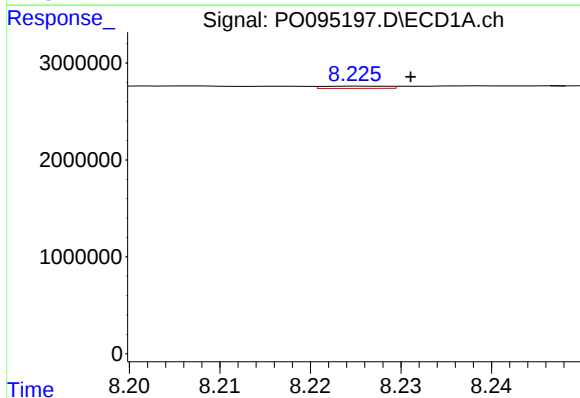
R.T.: 7.992 min
Delta R.T.: -0.004 min
Response: 201112
Conc: 1.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



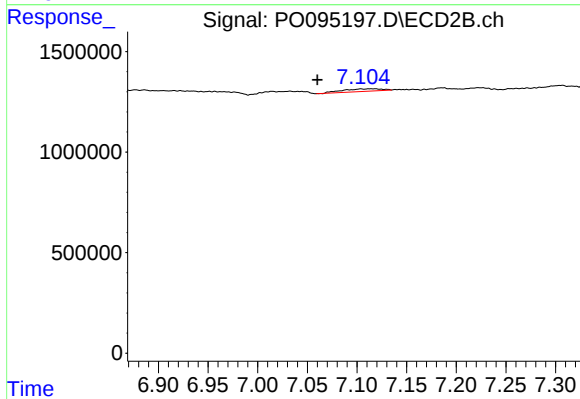
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.584 min
Response: 0
Conc: N.D.



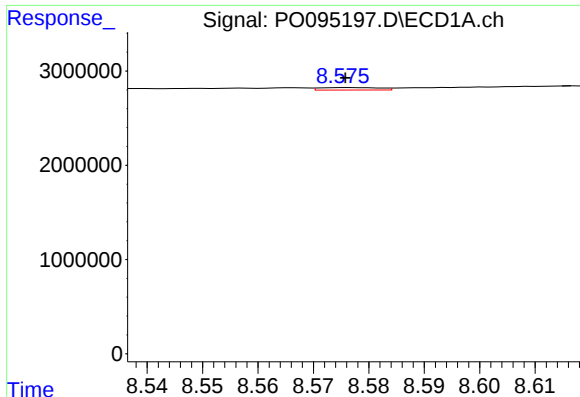
#34 AR-1260-4

R.T.: 8.225 min
Delta R.T.: -0.006 min
Response: 117236
Conc: 0.82 ng/ml



#34 AR-1260-4

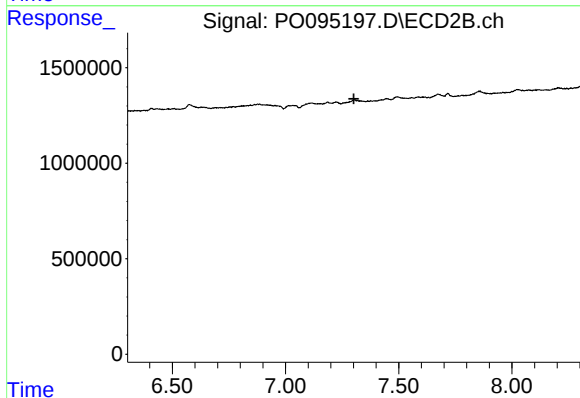
R.T.: 7.104 min
Delta R.T.: 0.044 min
Response: 348077
Conc: 7.16 ng/ml



#35 AR-1260-5

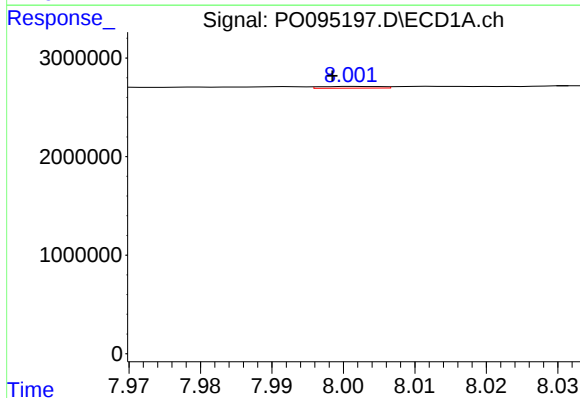
R.T.: 8.576 min
Delta R.T.: 0.000 min
Response: 197856
Conc: 0.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



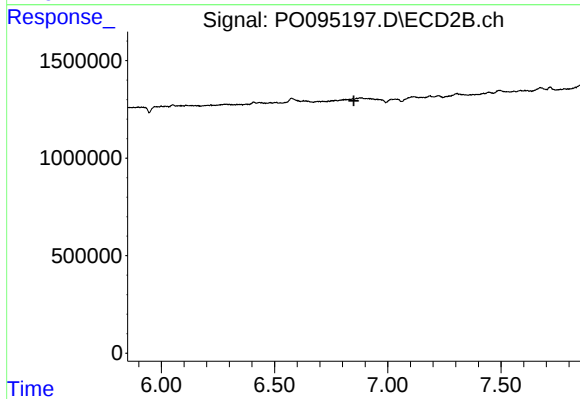
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.302 min
Response: 0
Conc: N.D.



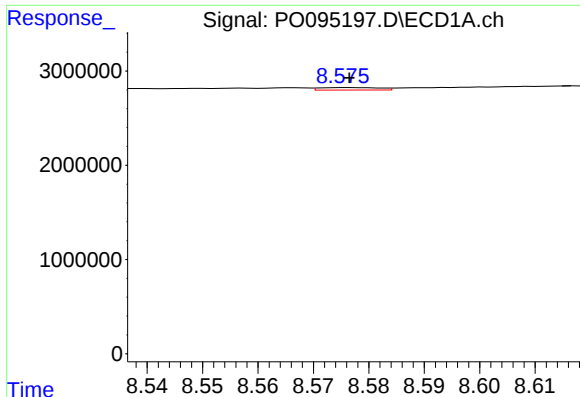
#36 AR-1262-1

R.T.: 8.002 min
Delta R.T.: 0.003 min
Response: 103094
Conc: 0.59 ng/ml



#36 AR-1262-1

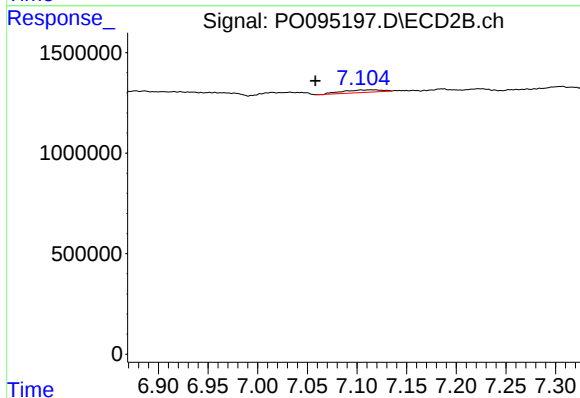
R.T.: 0.000 min
Exp R.T. : 6.850 min
Response: 0
Conc: N.D.



#37 AR-1262-2

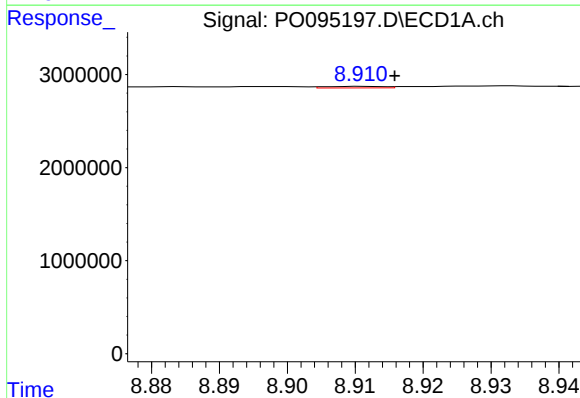
R.T.: 8.576 min
Delta R.T.: 0.000 min
Response: 197856
Conc: 0.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



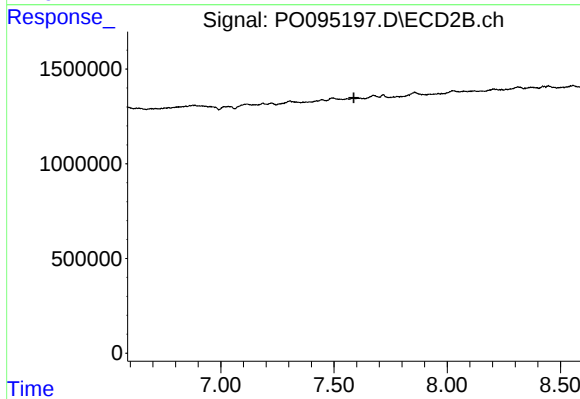
#37 AR-1262-2

R.T.: 7.104 min
Delta R.T.: 0.046 min
Response: 348077
Conc: 5.00 ng/ml



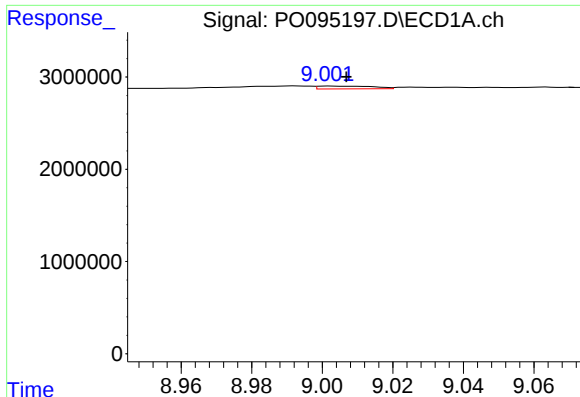
#38 AR-1262-3

R.T.: 8.911 min
Delta R.T.: -0.005 min
Response: 105287
Conc: 0.50 ng/ml



#38 AR-1262-3

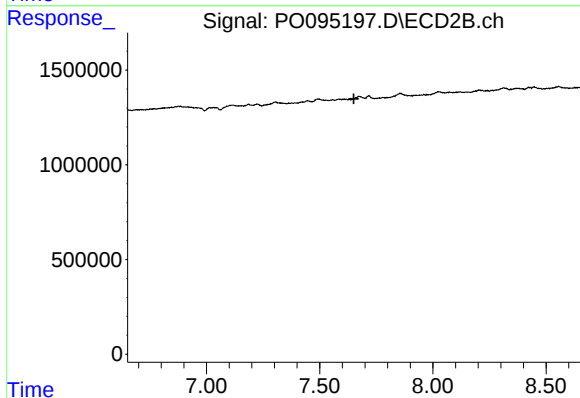
R.T.: 0.000 min
Exp R.T.: 7.588 min
Response: 0
Conc: N.D.



#39 AR-1262-4

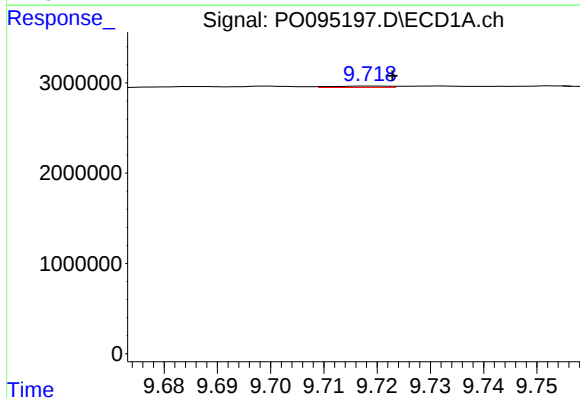
R.T.: 9.002 min
Delta R.T.: -0.005 min
Response: 323631
Conc: 1.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



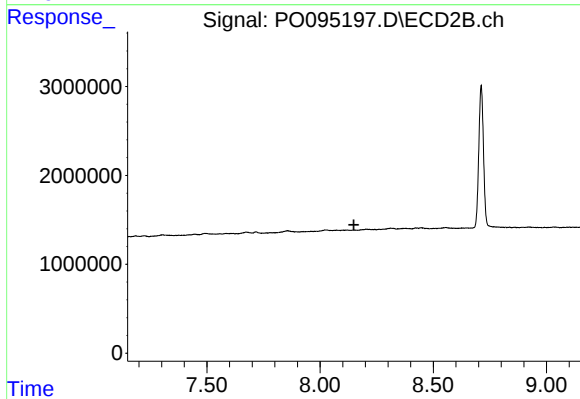
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.651 min
Response: 0
Conc: N.D.



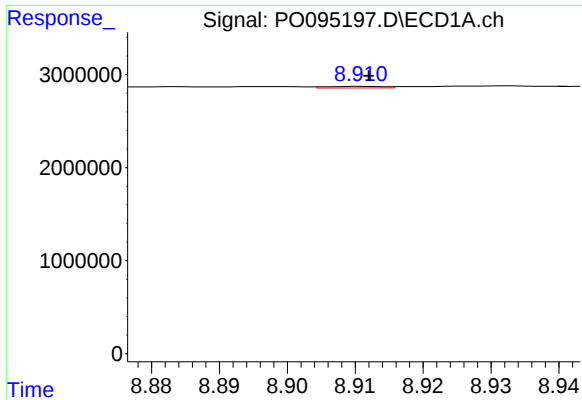
#40 AR-1262-5

R.T.: 9.719 min
Delta R.T.: -0.004 min
Response: 111261
Conc: 1.04 ng/ml



#40 AR-1262-5

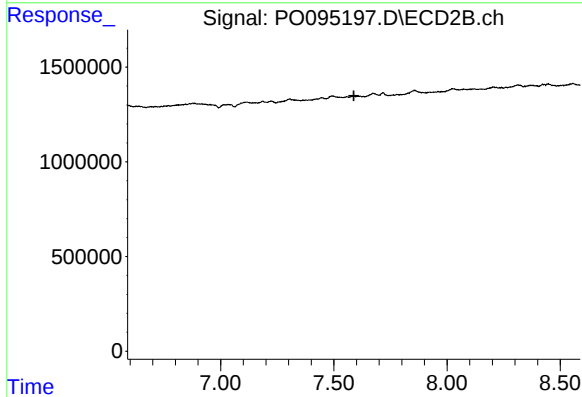
R.T.: 0.000 min
Exp R.T. : 8.149 min
Response: 0
Conc: N.D.



#41 AR-1268-1

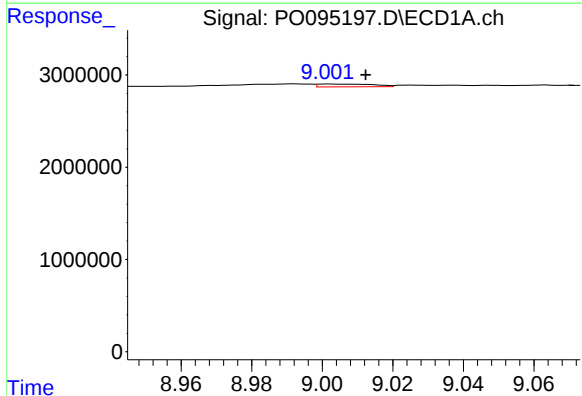
R.T.: 8.911 min
Delta R.T.: 0.000 min
Response: 105287
Conc: 0.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



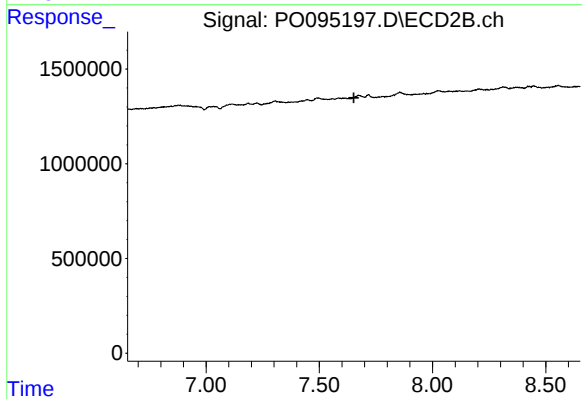
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.588 min
Response: 0
Conc: N.D.



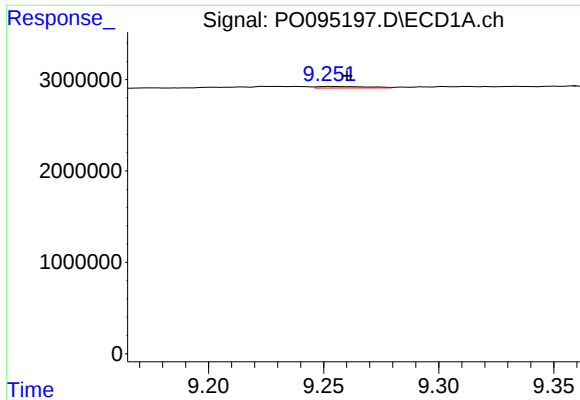
#42 AR-1268-2

R.T.: 9.002 min
Delta R.T.: -0.011 min
Response: 323631
Conc: 1.00 ng/ml



#42 AR-1268-2

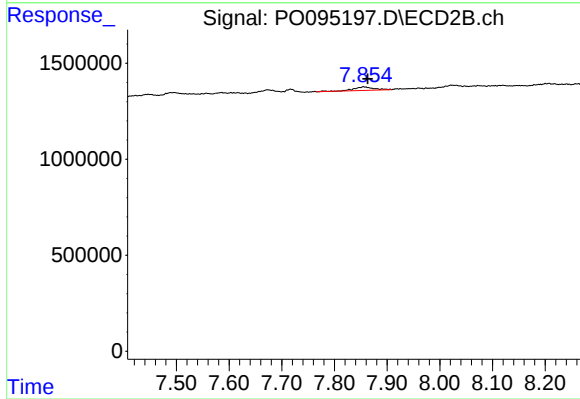
R.T.: 0.000 min
Exp R.T. : 7.653 min
Response: 0
Conc: N.D.



#43 AR-1268-3

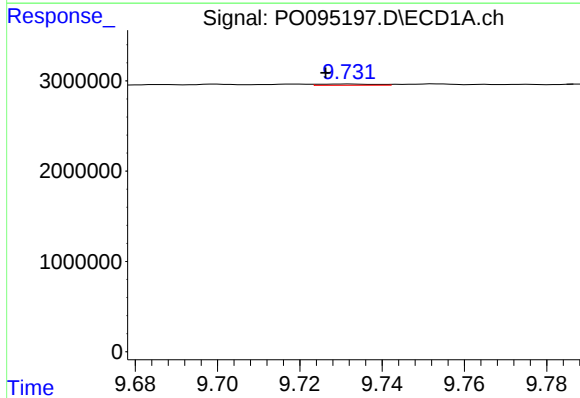
R.T.: 9.253 min
Delta R.T.: -0.008 min
Response: 249433
Conc: 0.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



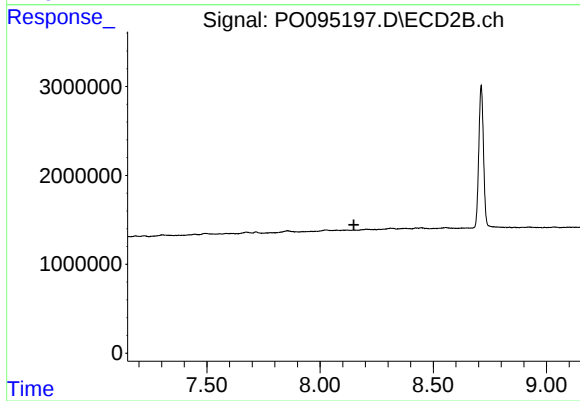
#43 AR-1268-3

R.T.: 7.855 min
Delta R.T.: -0.008 min
Response: 493244
Conc: 4.10 ng/ml



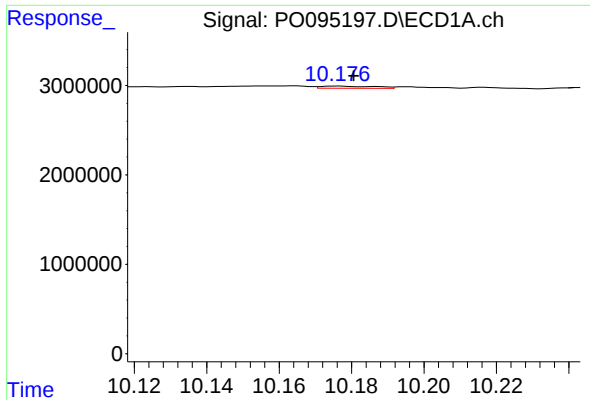
#44 AR-1268-4

R.T.: 9.732 min
Delta R.T.: 0.006 min
Response: 135637
Conc: 1.15 ng/ml



#44 AR-1268-4

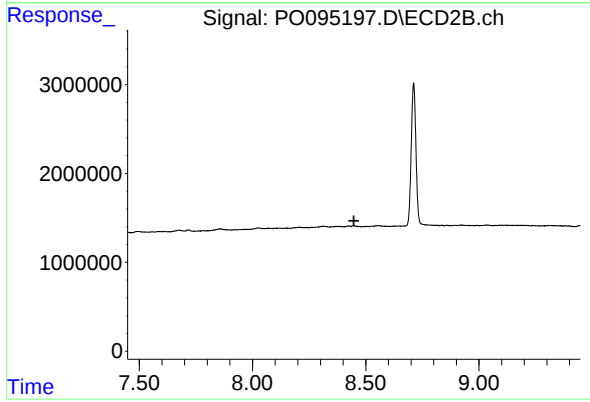
R.T.: 0.000 min
Exp R.T. : 8.150 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.176 min
Delta R.T.: -0.004 min
Response: 253293
Conc: 0.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.448 min
Response: 0
Conc: N.D.