

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072823\
 Data File : P0096451.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2023 15:06
 Operator : YP/AJ
 Sample : 03810-06
 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: Jul 28 22:55:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 28 01:38:03 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...	4.418	3.626	56640323	23639325	16.952	16.688
2)	SA Decachlor...	10.248	8.653	29193545	15987947	13.195	13.592
Target Compounds							
4)	L1 AR-1016-2	5.631	0.000	103437	0	0.775	N.D. #
5)	L1 AR-1016-3	5.681	4.911	193152	190344	2.326	5.576 #
6)	L1 AR-1016-4	5.786	4.911f	-214821	190344	N.D.	6.521 #
7)	L1 AR-1016-5	6.084	5.153	161853	235232	2.261	6.188 #
8)	L2 AR-1221-1	4.626	3.844	580950	292976	14.119	15.632
9)	L2 AR-1221-2	4.727	3.927	732798	834120	24.378	58.896 #
10)	L2 AR-1221-3	4.828	0.000	759986	0	8.652	N.D. #
11)	L3 AR-1232-1	4.828	0.000	759986	0	10.566	N.D. #
12)	L3 AR-1232-2	5.345	0.000	258945	0	6.594	N.D. #
13)	L3 AR-1232-3	5.631	4.911	103437	190344	1.697	12.212 #
15)	L3 AR-1232-5	5.895	5.153	41518	235232	1.492	14.122 #
16)	L4 AR-1242-1	5.607	0.000	16441	0	0.203	N.D. #
17)	L4 AR-1242-2	5.631	0.000	103437	0	0.904	N.D. #
18)	L4 AR-1242-3	5.681	4.911	193152	190344	2.713	6.475 #
20)	L4 AR-1242-5	6.516	5.514	22579	167089	0.407	4.631 #
21)	L5 AR-1248-1	5.607	0.000	16441	0	0.286	N.D. #
22)	L5 AR-1248-2	5.895	4.911f	41518	190344	0.448	4.515 #
23)	L5 AR-1248-3	6.084	0.000	161853	0	1.643	N.D. #
24)	L5 AR-1248-4	6.497	5.153	110949	235232	1.195	4.588 #
25)	L5 AR-1248-5	6.516	5.514f	22579	167089	0.245	3.560 #
26)	L6 AR-1254-1	6.462	5.514	33483	167089	0.317	2.274 #
27)	L6 AR-1254-2	6.680	5.698	182917	244238	1.179	3.742 #
28)	L6 AR-1254-3	7.049	6.092	1119869	180767	7.338	1.791 #
29)	L6 AR-1254-4	7.355	6.247f	1136903	443186	11.632	7.429 #
30)	L6 AR-1254-5	7.764	6.721	664948	130508	6.035	1.503 #
31)	L7 AR-1260-1	7.221	6.247f	375880	443186	2.889	6.082 #
32)	L7 AR-1260-2	7.522f	6.376	825951	417950	6.029	4.833
33)	L7 AR-1260-3	7.764	6.479f	664948	295655	4.349	3.694
34)	L7 AR-1260-4	8.080	7.005	75114	404894	0.617	6.200 #
35)	L7 AR-1260-5	8.387	7.236	40147	334891	0.183	2.363 #
36)	L8 AR-1262-1	7.853	6.861f	1162266	1428922	7.872	36.372 #
37)	L8 AR-1262-2	8.387	7.005	40147	404894	0.176	4.962 #
38)	L8 AR-1262-3	8.728	7.549	691065	161538	4.157	2.525 #
39)	L8 AR-1262-4	8.807	7.600	511250	255323	3.953	2.254 #
40)	L8 AR-1262-5	9.463	8.148f	195728	127478	2.295	2.449
41)	L9 AR-1268-1	8.728	7.549	691065	161538	2.272	0.866 #
42)	L9 AR-1268-2	8.807	7.600	511250	255323	1.910	1.518
43)	L9 AR-1268-3	9.048	7.826	377112	358493	1.506	2.446 #
44)	L9 AR-1268-4	9.463	8.148f	195728	127478	2.114	2.144

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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
45) L9	AR-1268-5	9.900	8.400	51666	305542	0.065	0.708 #

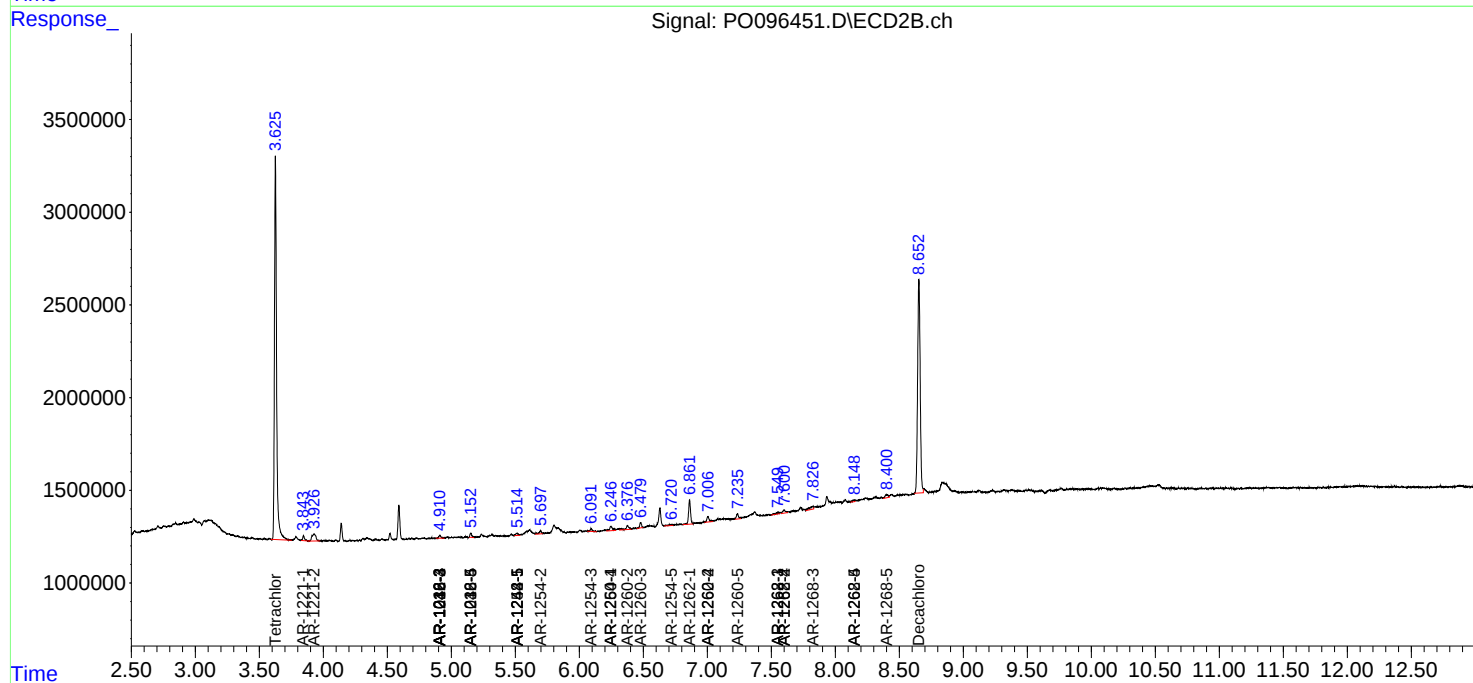
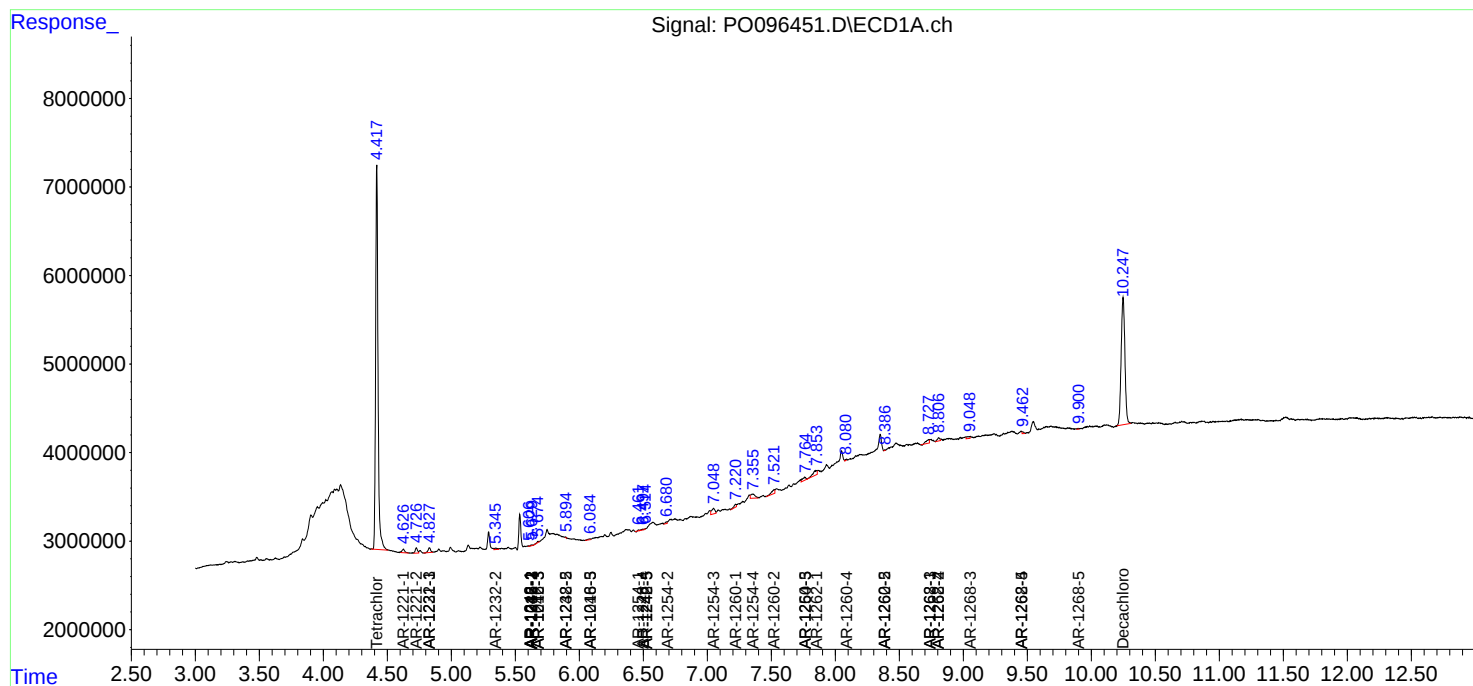
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

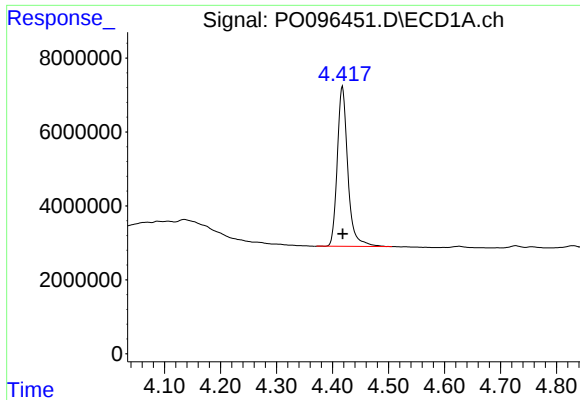
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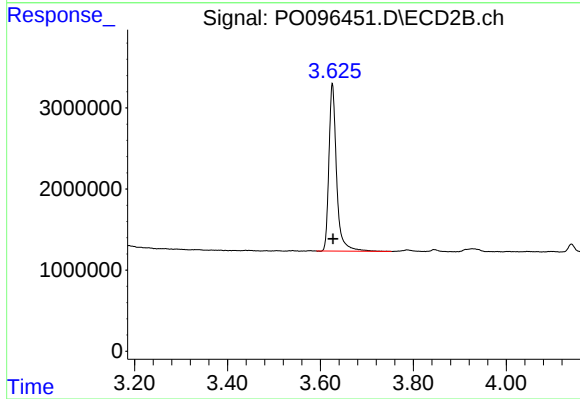




#1 Tetrachloro-m-xylene

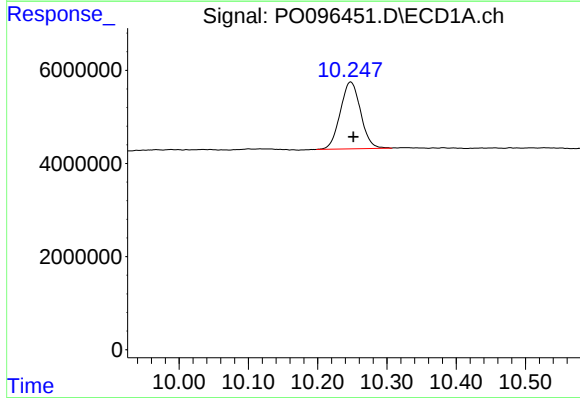
R.T.: 4.418 min
Delta R.T.: 0.000 min
Response: 56640323
Conc: 16.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



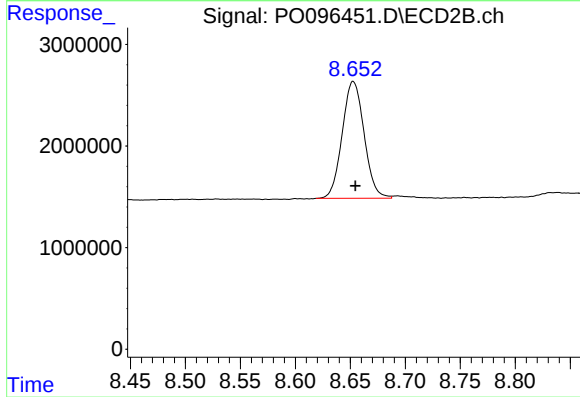
#1 Tetrachloro-m-xylene

R.T.: 3.626 min
Delta R.T.: -0.001 min
Response: 23639325
Conc: 16.69 ng/ml



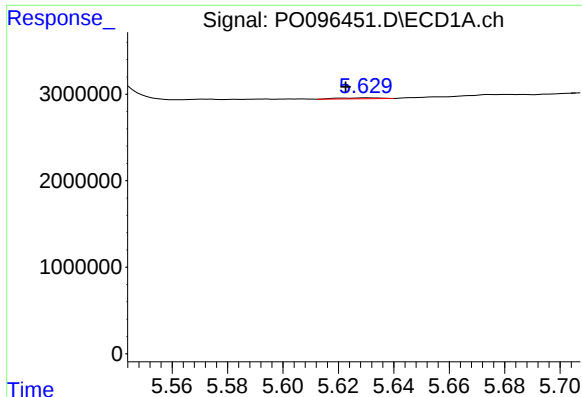
#2 Decachlorobiphenyl

R.T.: 10.248 min
Delta R.T.: -0.004 min
Response: 29193545
Conc: 13.19 ng/ml



#2 Decachlorobiphenyl

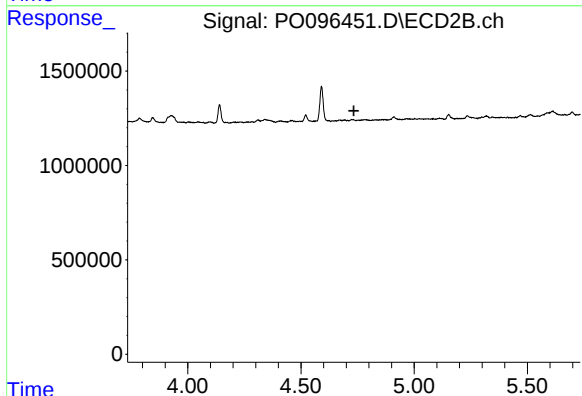
R.T.: 8.653 min
Delta R.T.: -0.002 min
Response: 15987947
Conc: 13.59 ng/ml



#4 AR-1016-2

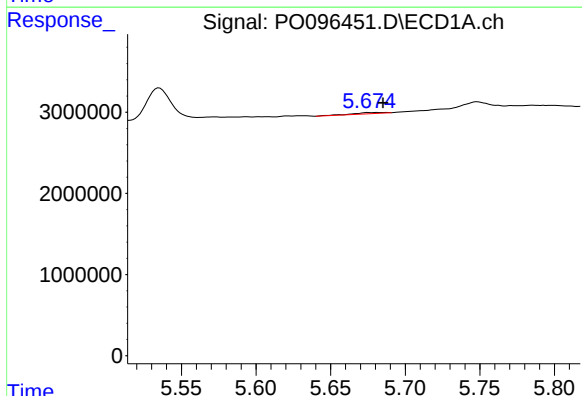
R.T.: 5.631 min
Delta R.T.: 0.009 min
Response: 103437
Conc: 0.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



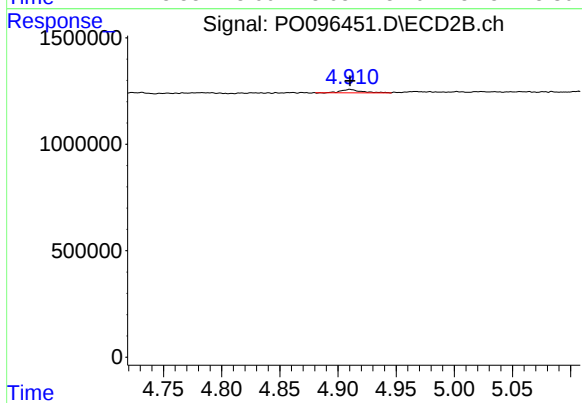
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 4.734 min
Response: 0
Conc: N.D.



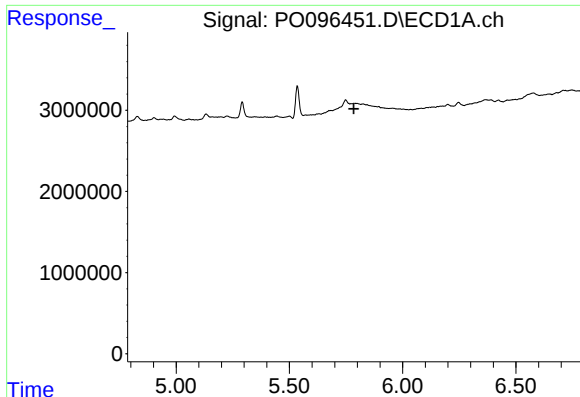
#5 AR-1016-3

R.T.: 5.681 min
Delta R.T.: -0.004 min
Response: 193152
Conc: 2.33 ng/ml



#5 AR-1016-3

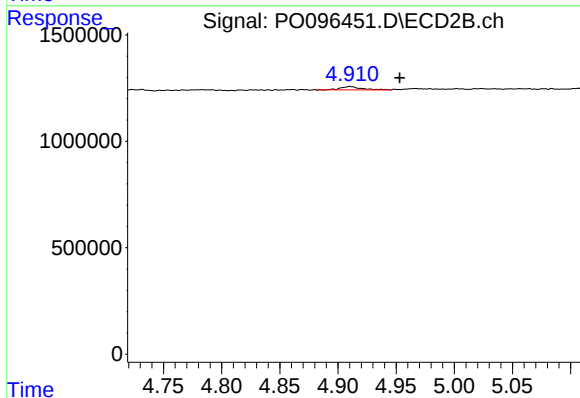
R.T.: 4.911 min
Delta R.T.: 0.000 min
Response: 190344
Conc: 5.58 ng/ml



#6 AR-1016-4

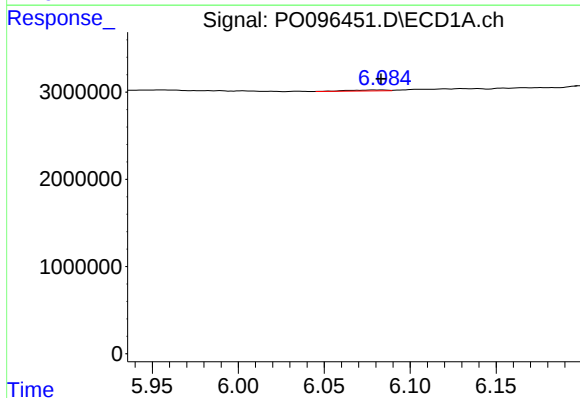
R.T.: 5.786 min
Delta R.T.: 0.000 min
Response: -214821
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



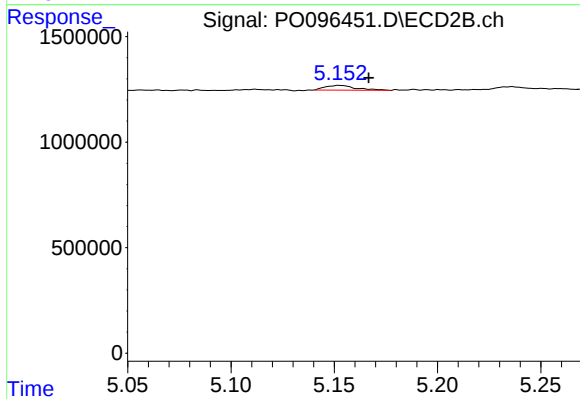
#6 AR-1016-4

R.T.: 4.911 min
Delta R.T.: -0.043 min
Response: 190344
Conc: 6.52 ng/ml



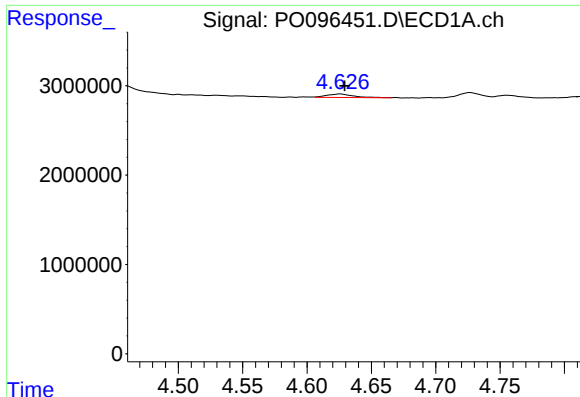
#7 AR-1016-5

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 161853
Conc: 2.26 ng/ml



#7 AR-1016-5

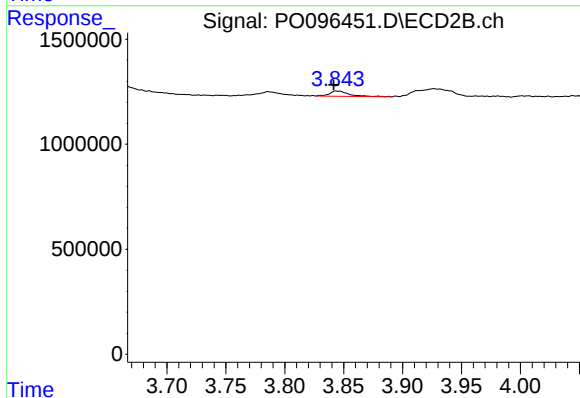
R.T.: 5.153 min
Delta R.T.: -0.014 min
Response: 235232
Conc: 6.19 ng/ml



#8 AR-1221-1

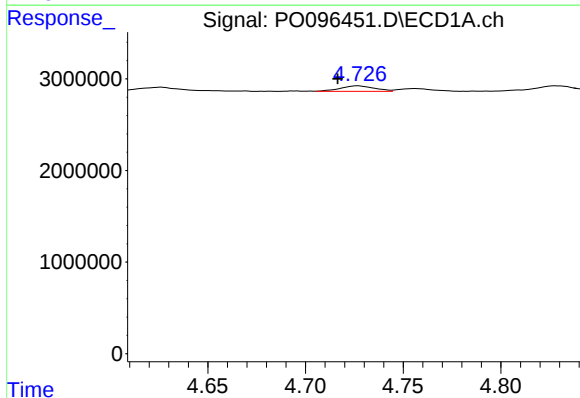
R.T.: 4.626 min
Delta R.T.: -0.003 min
Response: 580950
Conc: 14.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



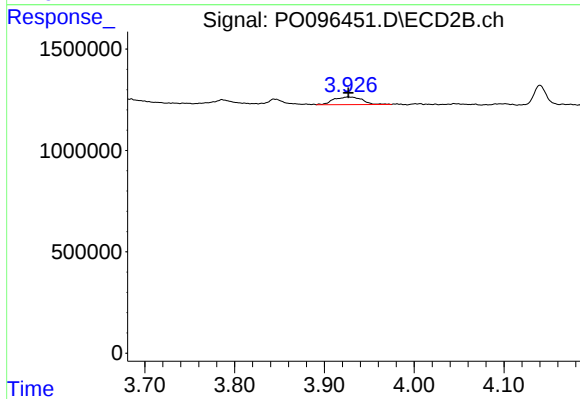
#8 AR-1221-1

R.T.: 3.844 min
Delta R.T.: 0.003 min
Response: 292976
Conc: 15.63 ng/ml



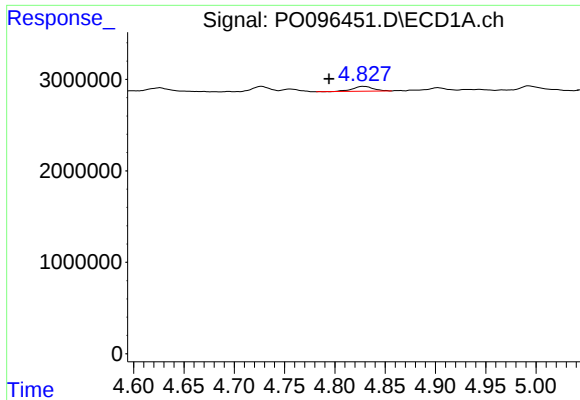
#9 AR-1221-2

R.T.: 4.727 min
Delta R.T.: 0.010 min
Response: 732798
Conc: 24.38 ng/ml



#9 AR-1221-2

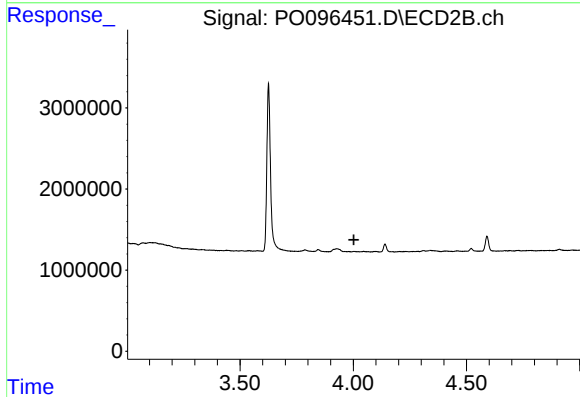
R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 834120
Conc: 58.90 ng/ml



#10 AR-1221-3

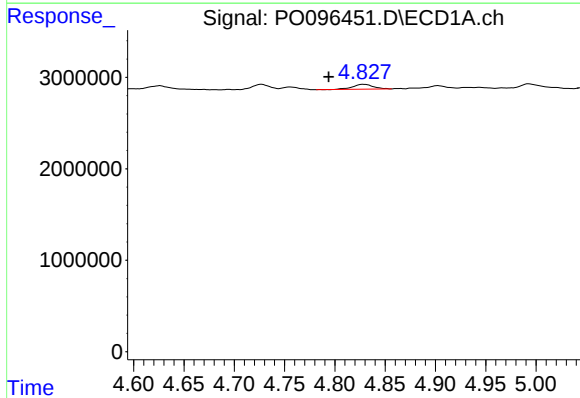
R.T.: 4.828 min
Delta R.T.: 0.034 min
Response: 759986
Conc: 8.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



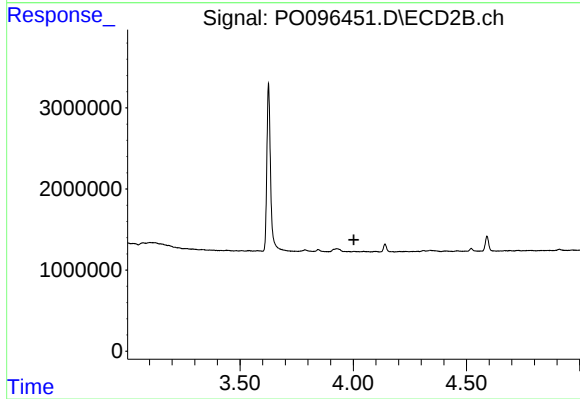
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.003 min
Response: 0
Conc: N.D.



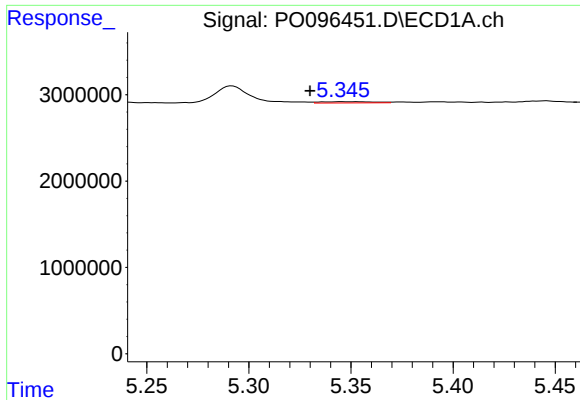
#11 AR-1232-1

R.T.: 4.828 min
Delta R.T.: 0.034 min
Response: 759986
Conc: 10.57 ng/ml



#11 AR-1232-1

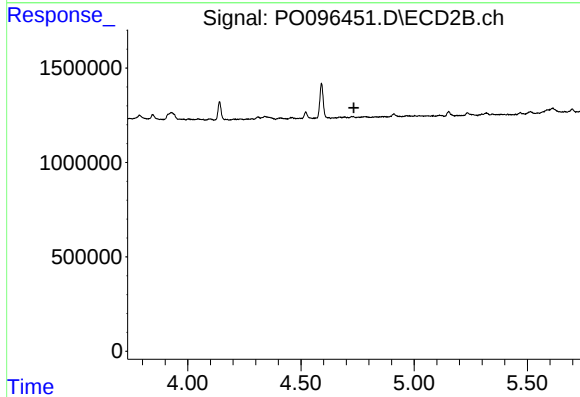
R.T.: 0.000 min
Exp R.T. : 4.003 min
Response: 0
Conc: N.D.



#12 AR-1232-2

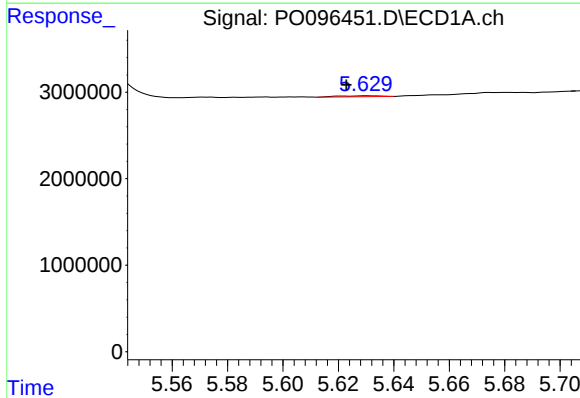
R.T.: 5.345 min
Delta R.T.: 0.015 min
Response: 258945
Conc: 6.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



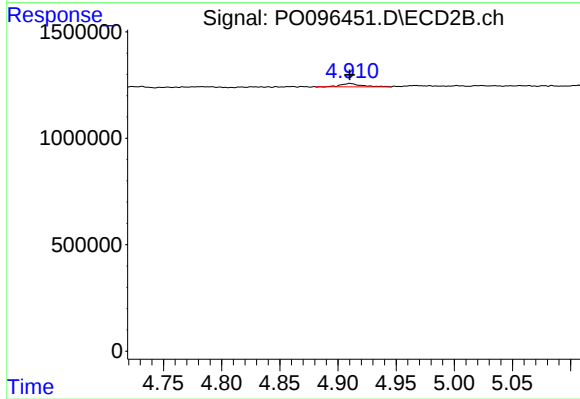
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.734 min
Response: 0
Conc: N.D.



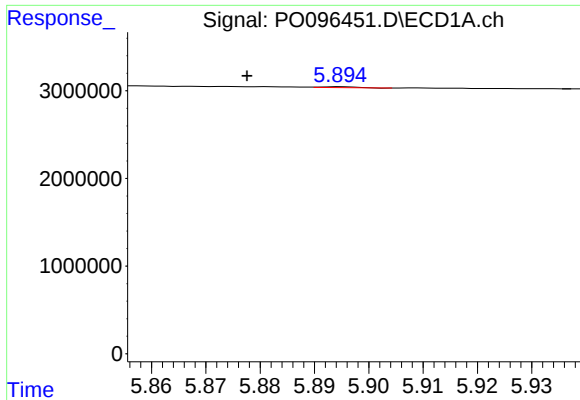
#13 AR-1232-3

R.T.: 5.631 min
Delta R.T.: 0.008 min
Response: 103437
Conc: 1.70 ng/ml



#13 AR-1232-3

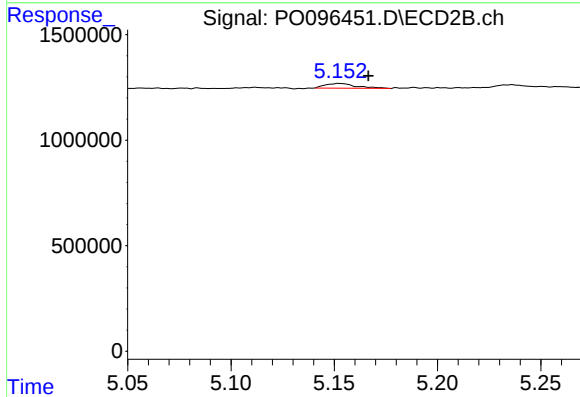
R.T.: 4.911 min
Delta R.T.: 0.000 min
Response: 190344
Conc: 12.21 ng/ml



#15 AR-1232-5

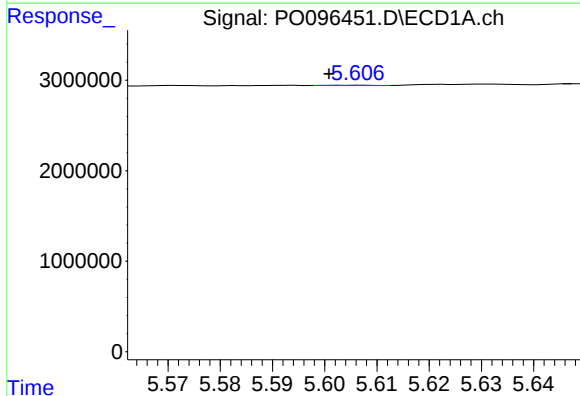
R.T.: 5.895 min
Delta R.T.: 0.017 min
Response: 41518
Conc: 1.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



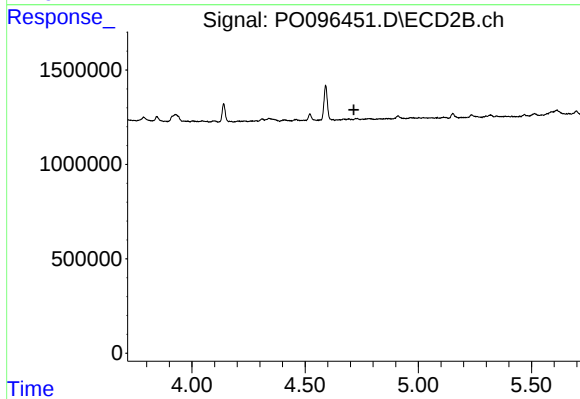
#15 AR-1232-5

R.T.: 5.153 min
Delta R.T.: -0.014 min
Response: 235232
Conc: 14.12 ng/ml



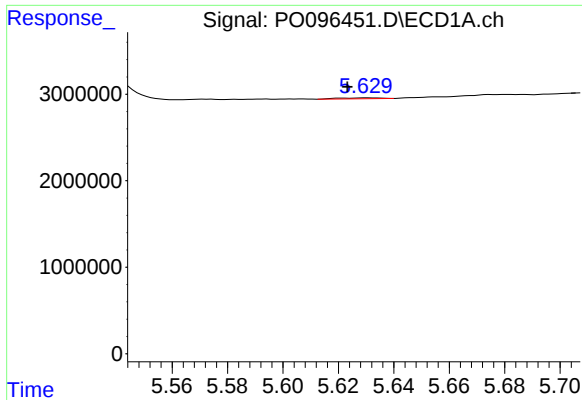
#16 AR-1242-1

R.T.: 5.607 min
Delta R.T.: 0.006 min
Response: 16441
Conc: 0.20 ng/ml



#16 AR-1242-1

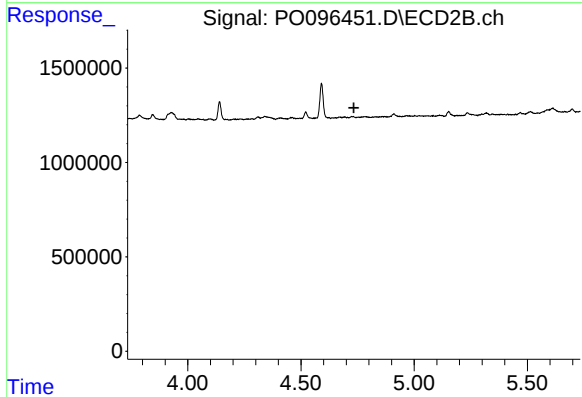
R.T.: 0.000 min
Exp R.T. : 4.715 min
Response: 0
Conc: N.D.



#17 AR-1242-2

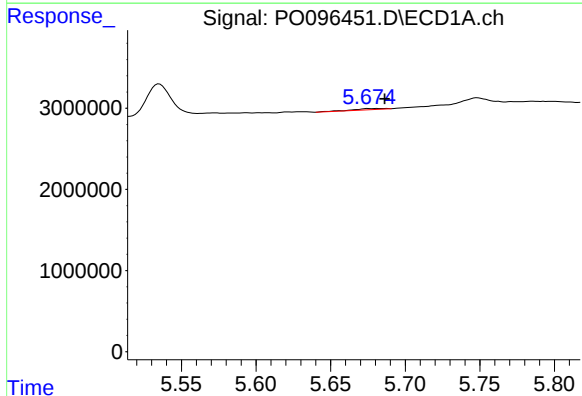
R.T.: 5.631 min
Delta R.T.: 0.008 min
Response: 103437
Conc: 0.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



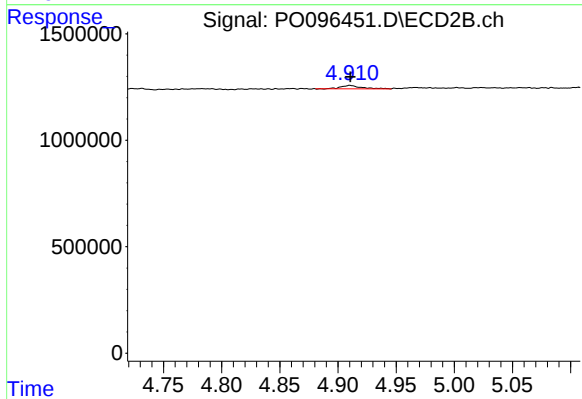
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.734 min
Response: 0
Conc: N.D.



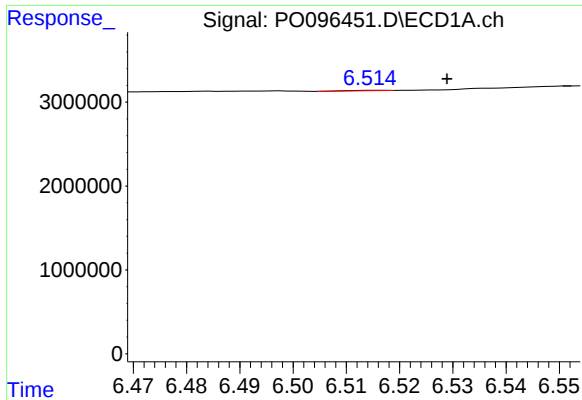
#18 AR-1242-3

R.T.: 5.681 min
Delta R.T.: -0.005 min
Response: 193152
Conc: 2.71 ng/ml



#18 AR-1242-3

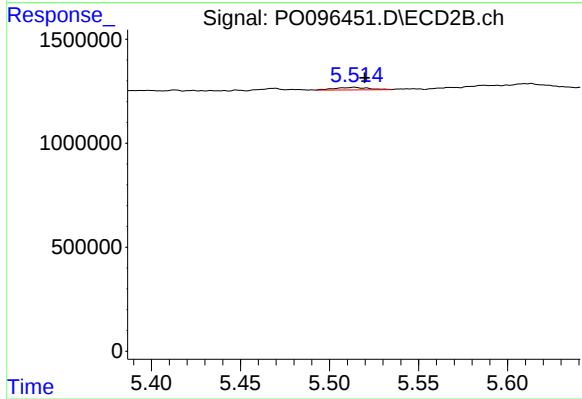
R.T.: 4.911 min
Delta R.T.: 0.000 min
Response: 190344
Conc: 6.47 ng/ml



#20 AR-1242-5

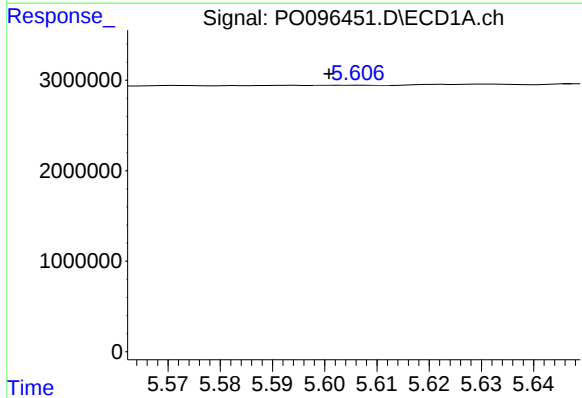
R.T.: 6.516 min
Delta R.T.: -0.013 min
Response: 22579
Conc: 0.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



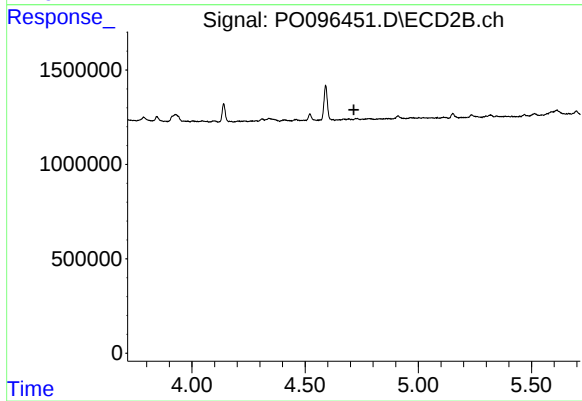
#20 AR-1242-5

R.T.: 5.514 min
Delta R.T.: -0.006 min
Response: 167089
Conc: 4.63 ng/ml



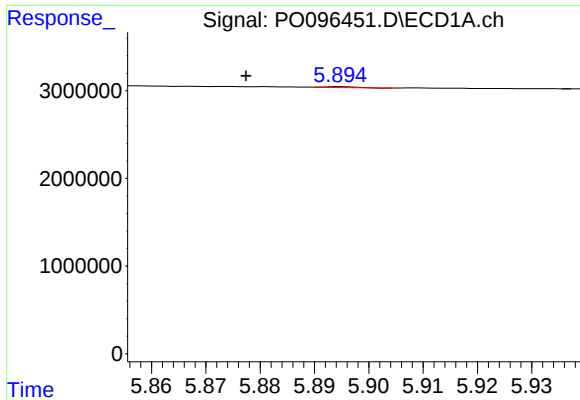
#21 AR-1248-1

R.T.: 5.607 min
Delta R.T.: 0.006 min
Response: 16441
Conc: 0.29 ng/ml



#21 AR-1248-1

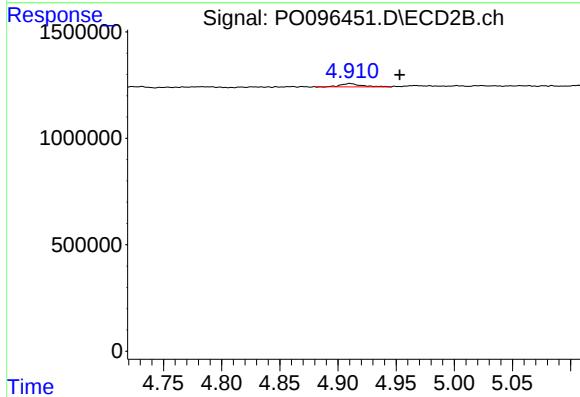
R.T.: 0.000 min
Exp R.T. : 4.715 min
Response: 0
Conc: N.D.



#22 AR-1248-2

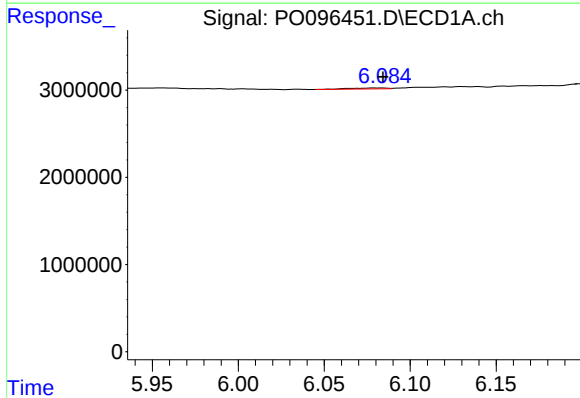
R.T.: 5.895 min
Delta R.T.: 0.018 min
Response: 41518
Conc: 0.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



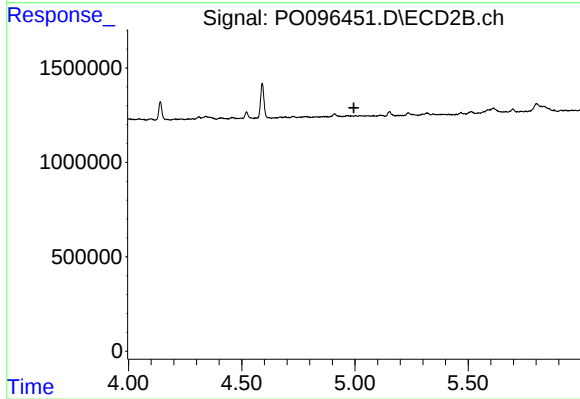
#22 AR-1248-2

R.T.: 4.911 min
Delta R.T.: -0.043 min
Response: 190344
Conc: 4.51 ng/ml



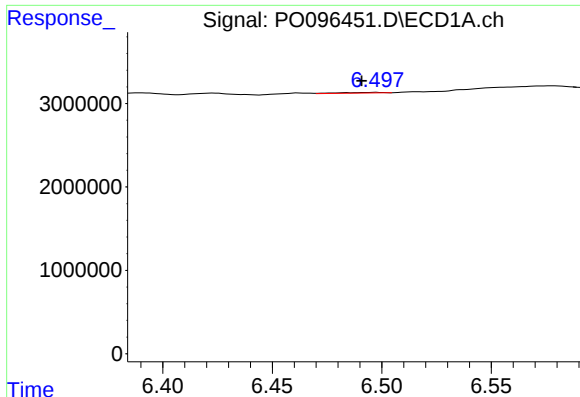
#23 AR-1248-3

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 161853
Conc: 1.64 ng/ml



#23 AR-1248-3

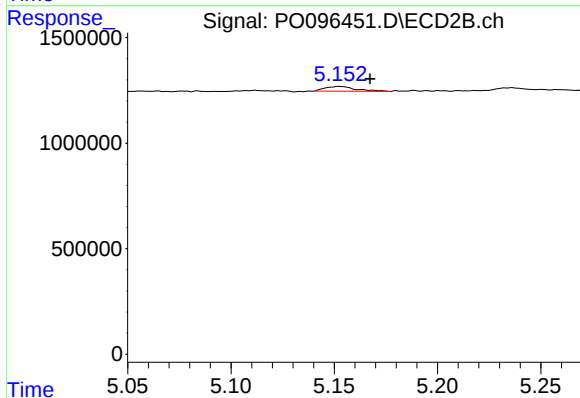
R.T.: 0.000 min
Exp R.T.: 4.995 min
Response: 0
Conc: N.D.



#24 AR-1248-4

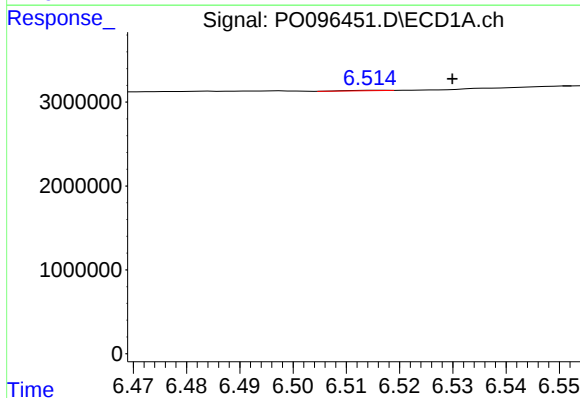
R.T.: 6.497 min
Delta R.T.: 0.006 min
Response: 110949
Conc: 1.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



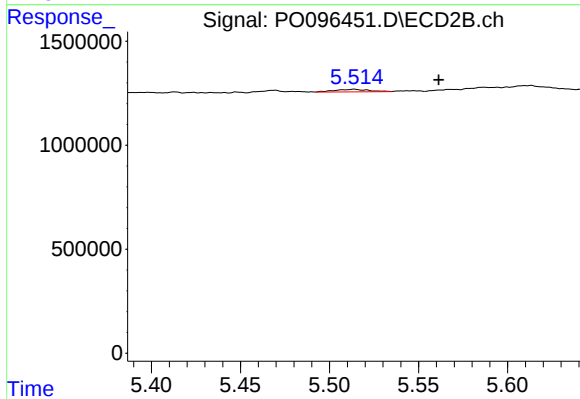
#24 AR-1248-4

R.T.: 5.153 min
Delta R.T.: -0.015 min
Response: 235232
Conc: 4.59 ng/ml



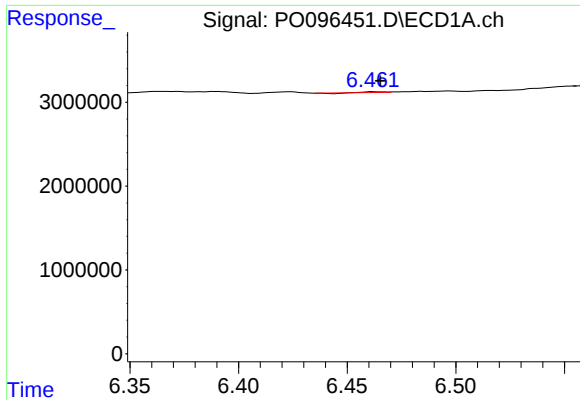
#25 AR-1248-5

R.T.: 6.516 min
Delta R.T.: -0.014 min
Response: 22579
Conc: 0.24 ng/ml



#25 AR-1248-5

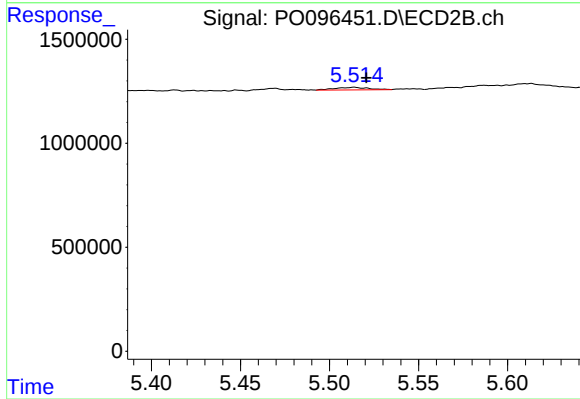
R.T.: 5.514 min
Delta R.T.: -0.048 min
Response: 167089
Conc: 3.56 ng/ml



#26 AR-1254-1

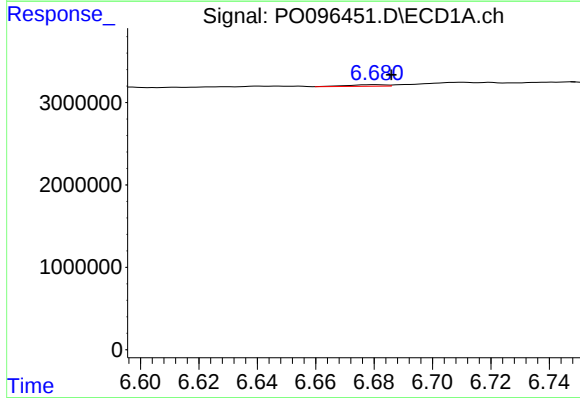
R.T.: 6.462 min
Delta R.T.: -0.003 min
Response: 33483
Conc: 0.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



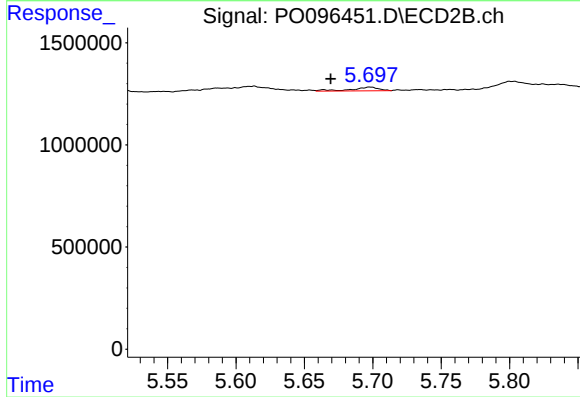
#26 AR-1254-1

R.T.: 5.514 min
Delta R.T.: -0.007 min
Response: 167089
Conc: 2.27 ng/ml



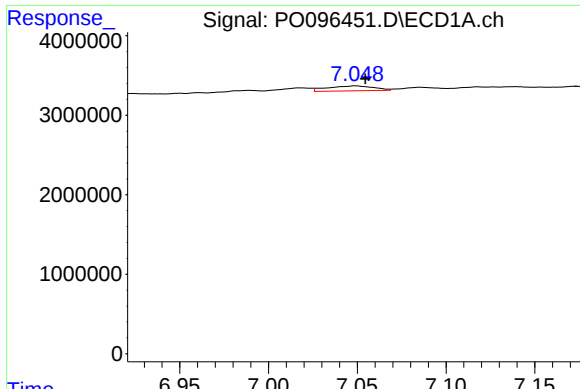
#27 AR-1254-2

R.T.: 6.680 min
Delta R.T.: -0.006 min
Response: 182917
Conc: 1.18 ng/ml



#27 AR-1254-2

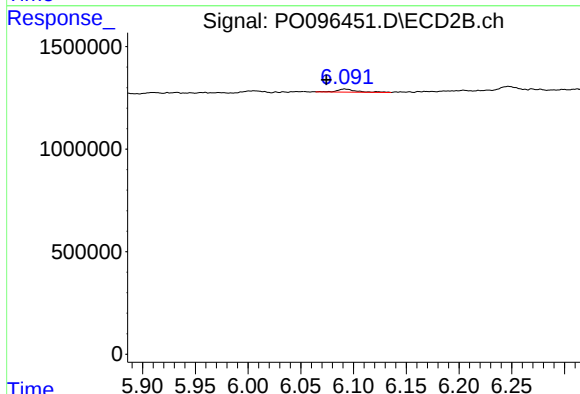
R.T.: 5.698 min
Delta R.T.: 0.029 min
Response: 244238
Conc: 3.74 ng/ml



#28 AR-1254-3

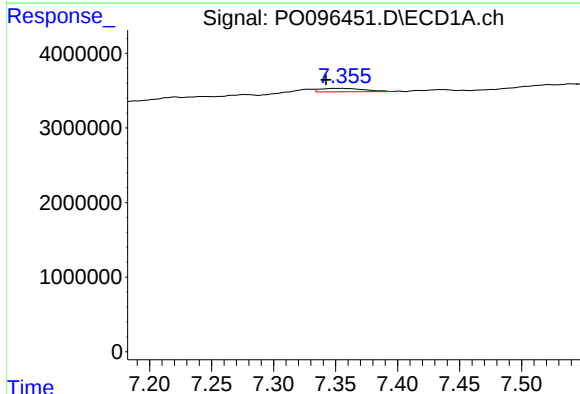
R.T.: 7.049 min
Delta R.T.: -0.005 min
Response: 1119869
Conc: 7.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



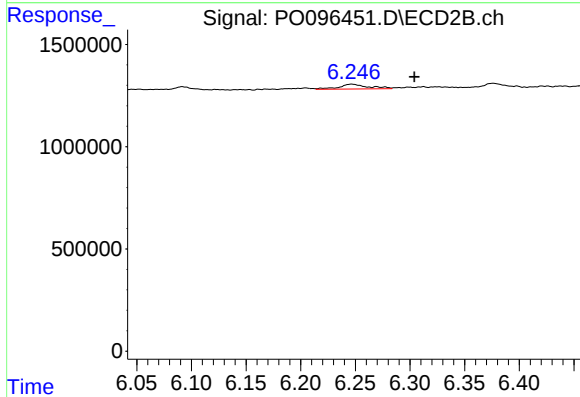
#28 AR-1254-3

R.T.: 6.092 min
Delta R.T.: 0.017 min
Response: 180767
Conc: 1.79 ng/ml



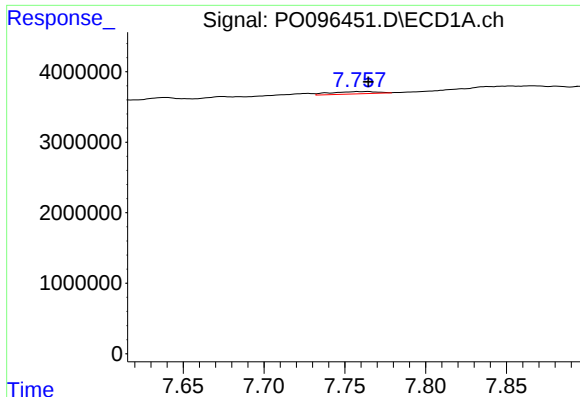
#29 AR-1254-4

R.T.: 7.355 min
Delta R.T.: 0.013 min
Response: 1136903
Conc: 11.63 ng/ml



#29 AR-1254-4

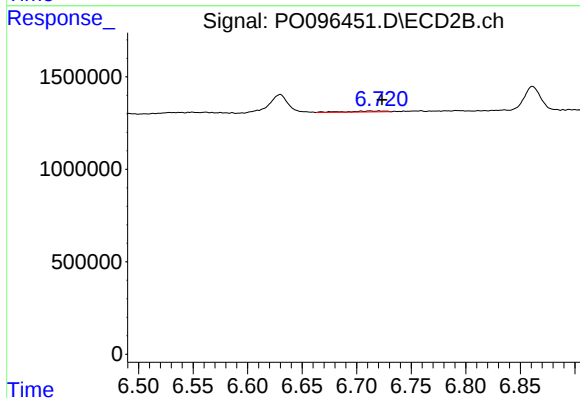
R.T.: 6.247 min
Delta R.T.: -0.057 min
Response: 443186
Conc: 7.43 ng/ml



#30 AR-1254-5

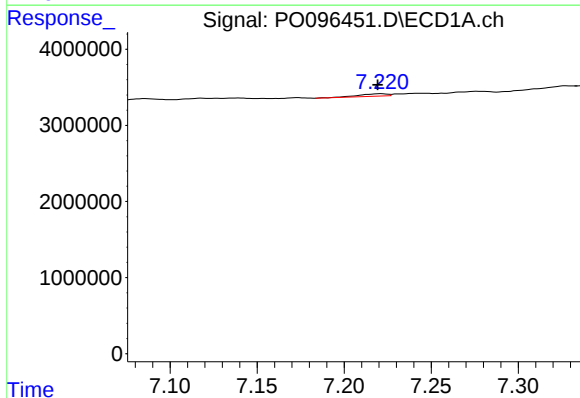
R.T.: 7.764 min
Delta R.T.: 0.000 min
Response: 664948
Conc: 6.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



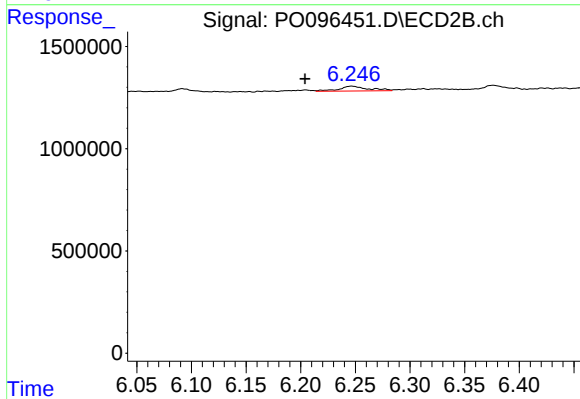
#30 AR-1254-5

R.T.: 6.721 min
Delta R.T.: -0.003 min
Response: 130508
Conc: 1.50 ng/ml



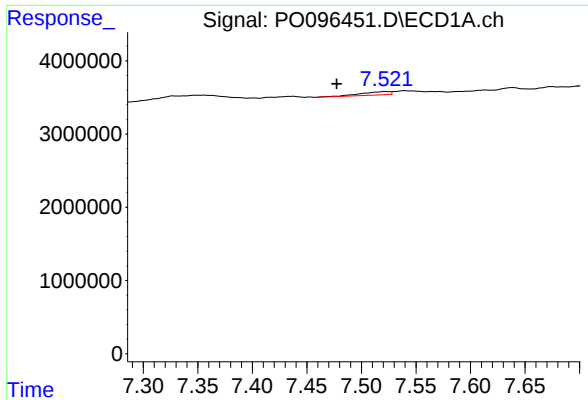
#31 AR-1260-1

R.T.: 7.221 min
Delta R.T.: 0.001 min
Response: 375880
Conc: 2.89 ng/ml



#31 AR-1260-1

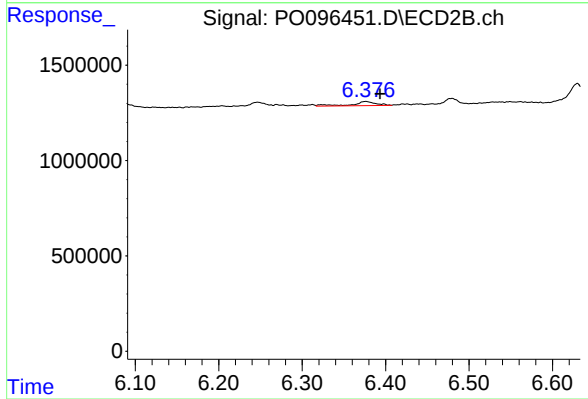
R.T.: 6.247 min
Delta R.T.: 0.043 min
Response: 443186
Conc: 6.08 ng/ml



#32 AR-1260-2

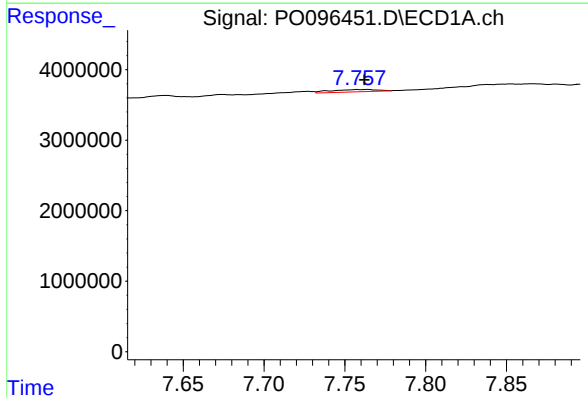
R.T.: 7.522 min
Delta R.T.: 0.045 min
Response: 825951
Conc: 6.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



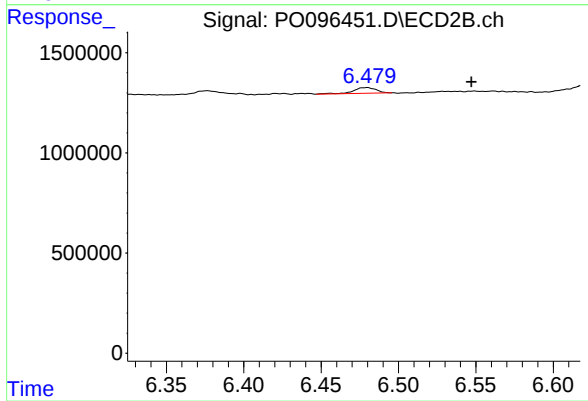
#32 AR-1260-2

R.T.: 6.376 min
Delta R.T.: -0.017 min
Response: 417950
Conc: 4.83 ng/ml



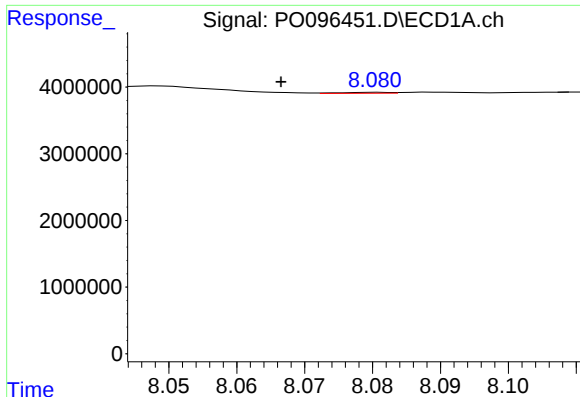
#33 AR-1260-3

R.T.: 7.764 min
Delta R.T.: 0.002 min
Response: 664948
Conc: 4.35 ng/ml



#33 AR-1260-3

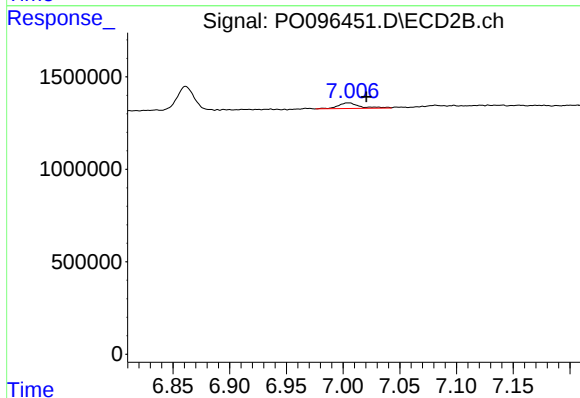
R.T.: 6.479 min
Delta R.T.: -0.068 min
Response: 295655
Conc: 3.69 ng/ml



#34 AR-1260-4

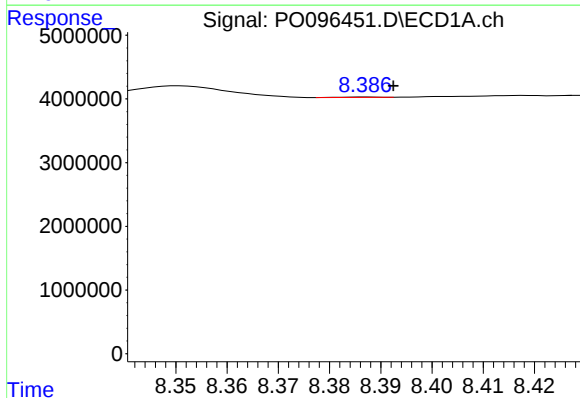
R.T.: 8.080 min
Delta R.T.: 0.014 min
Response: 75114
Conc: 0.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



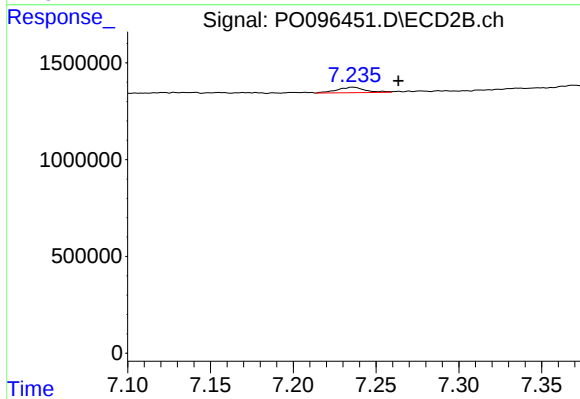
#34 AR-1260-4

R.T.: 7.005 min
Delta R.T.: -0.016 min
Response: 404894
Conc: 6.20 ng/ml



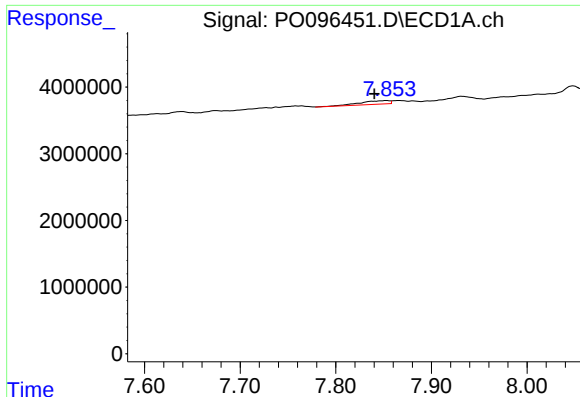
#35 AR-1260-5

R.T.: 8.387 min
Delta R.T.: -0.005 min
Response: 40147
Conc: 0.18 ng/ml



#35 AR-1260-5

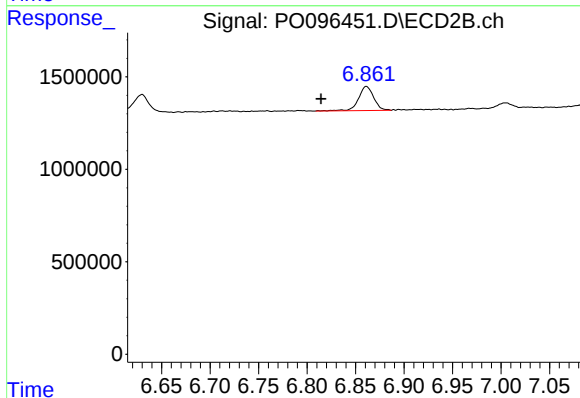
R.T.: 7.236 min
Delta R.T.: -0.028 min
Response: 334891
Conc: 2.36 ng/ml



#36 AR-1262-1

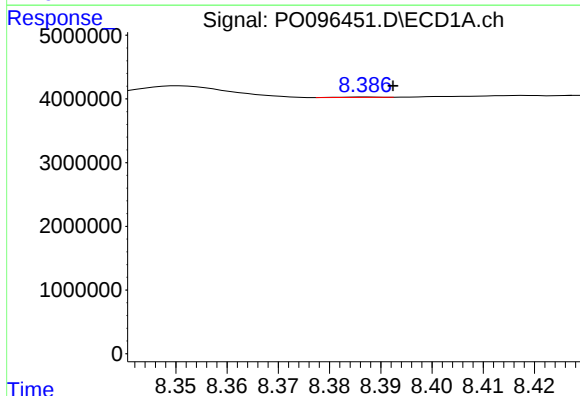
R.T.: 7.853 min
Delta R.T.: 0.013 min
Response: 1162266
Conc: 7.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



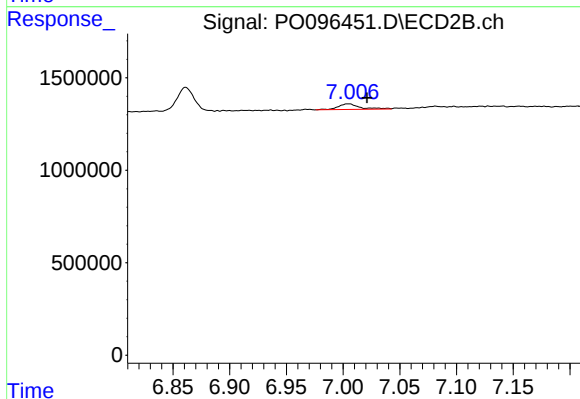
#36 AR-1262-1

R.T.: 6.861 min
Delta R.T.: 0.047 min
Response: 1428922
Conc: 36.37 ng/ml



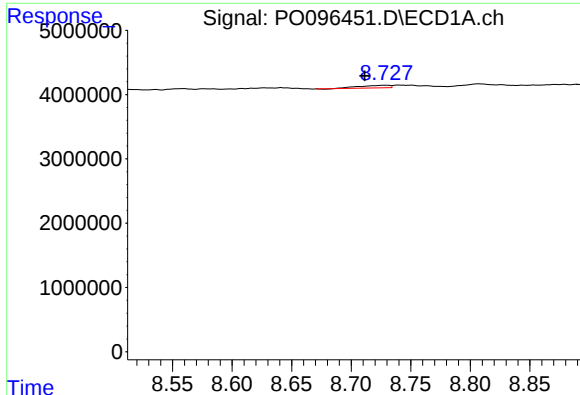
#37 AR-1262-2

R.T.: 8.387 min
Delta R.T.: -0.005 min
Response: 40147
Conc: 0.18 ng/ml



#37 AR-1262-2

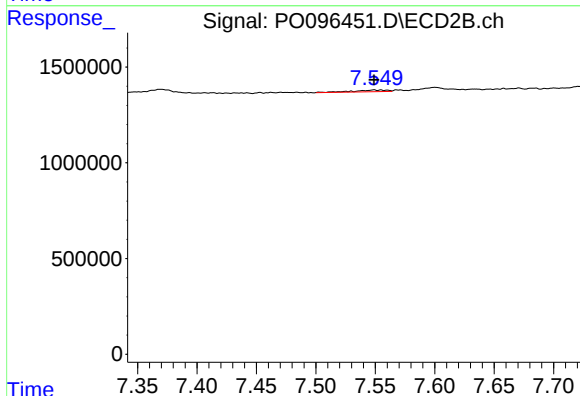
R.T.: 7.005 min
Delta R.T.: -0.016 min
Response: 404894
Conc: 4.96 ng/ml



#38 AR-1262-3

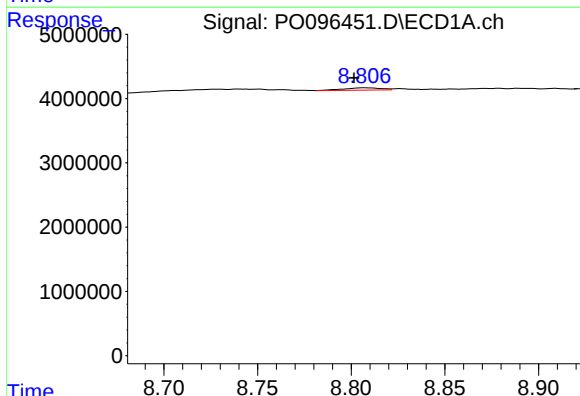
R.T.: 8.728 min
Delta R.T.: 0.017 min
Response: 691065
Conc: 4.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



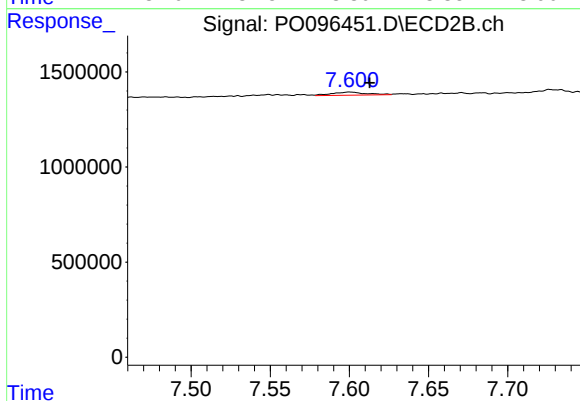
#38 AR-1262-3

R.T.: 7.549 min
Delta R.T.: 0.000 min
Response: 161538
Conc: 2.52 ng/ml



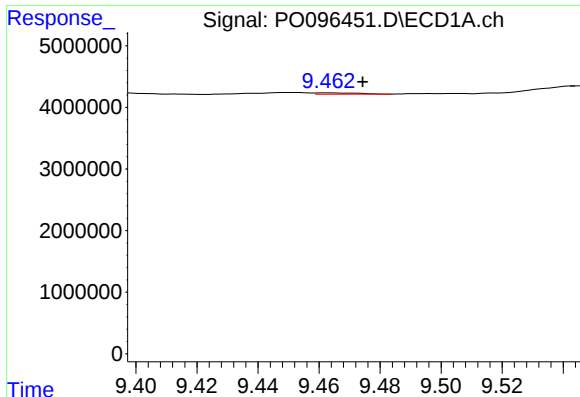
#39 AR-1262-4

R.T.: 8.807 min
Delta R.T.: 0.005 min
Response: 511250
Conc: 3.95 ng/ml



#39 AR-1262-4

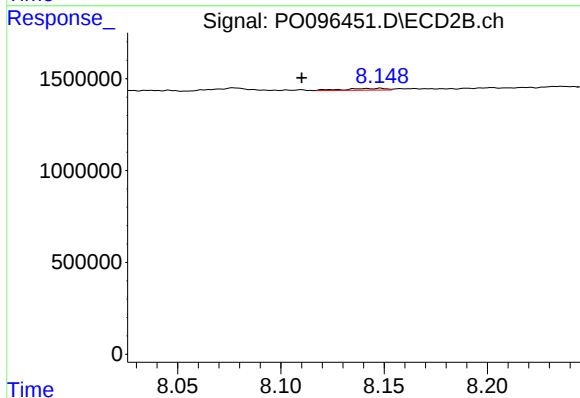
R.T.: 7.600 min
Delta R.T.: -0.013 min
Response: 255323
Conc: 2.25 ng/ml



#40 AR-1262-5

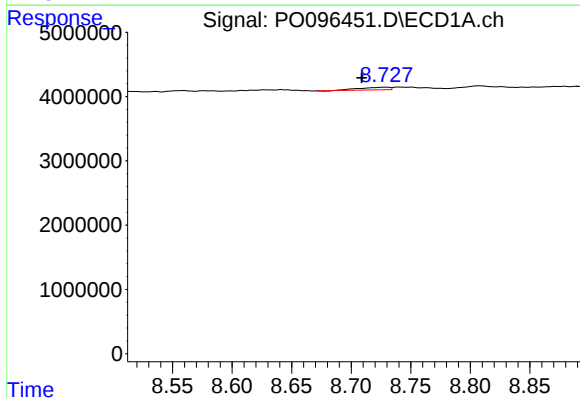
R.T.: 9.463 min
Delta R.T.: -0.011 min
Response: 195728
Conc: 2.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



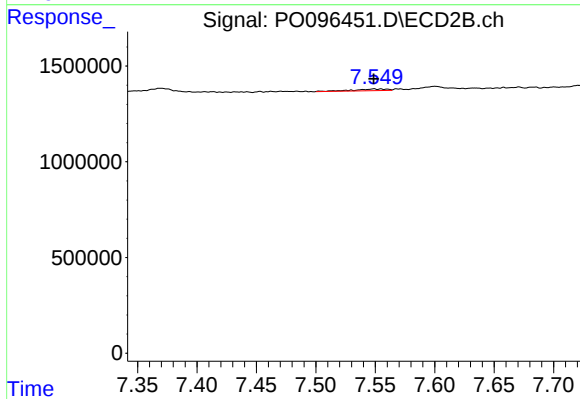
#40 AR-1262-5

R.T.: 8.148 min
Delta R.T.: 0.038 min
Response: 127478
Conc: 2.45 ng/ml



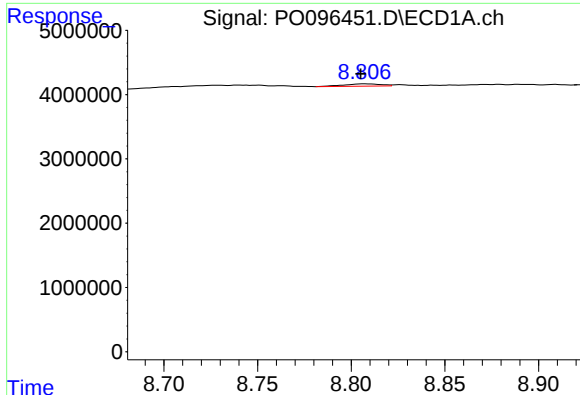
#41 AR-1268-1

R.T.: 8.728 min
Delta R.T.: 0.019 min
Response: 691065
Conc: 2.27 ng/ml



#41 AR-1268-1

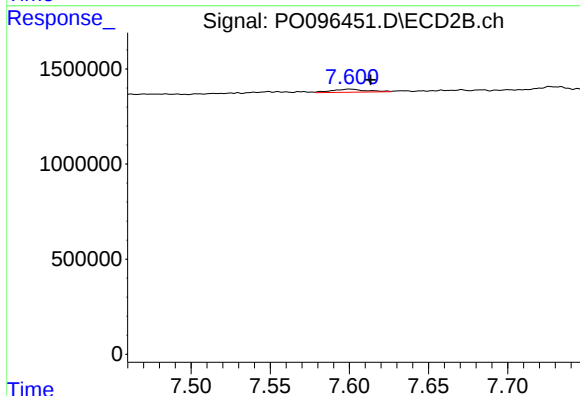
R.T.: 7.549 min
Delta R.T.: 0.000 min
Response: 161538
Conc: 0.87 ng/ml



#42 AR-1268-2

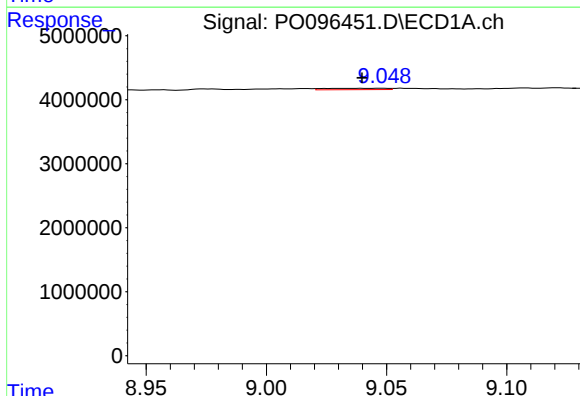
R.T.: 8.807 min
Delta R.T.: 0.002 min
Response: 511250
Conc: 1.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



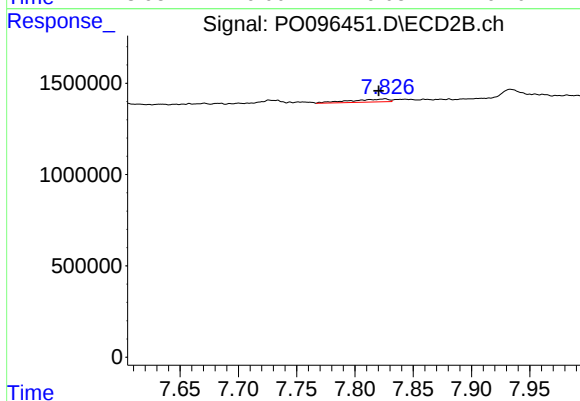
#42 AR-1268-2

R.T.: 7.600 min
Delta R.T.: -0.013 min
Response: 255323
Conc: 1.52 ng/ml



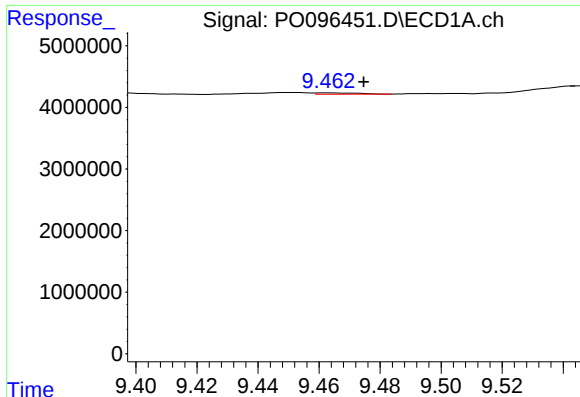
#43 AR-1268-3

R.T.: 9.048 min
Delta R.T.: 0.008 min
Response: 377112
Conc: 1.51 ng/ml



#43 AR-1268-3

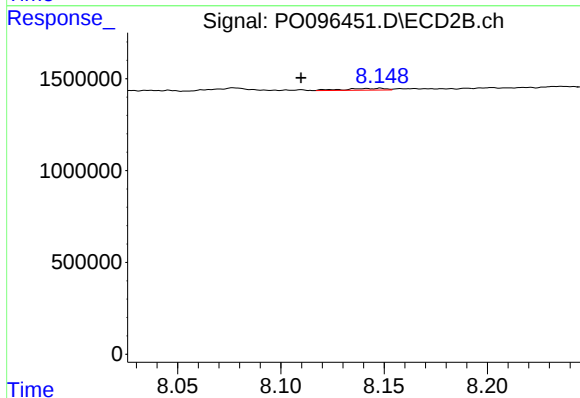
R.T.: 7.826 min
Delta R.T.: 0.005 min
Response: 358493
Conc: 2.45 ng/ml



#44 AR-1268-4

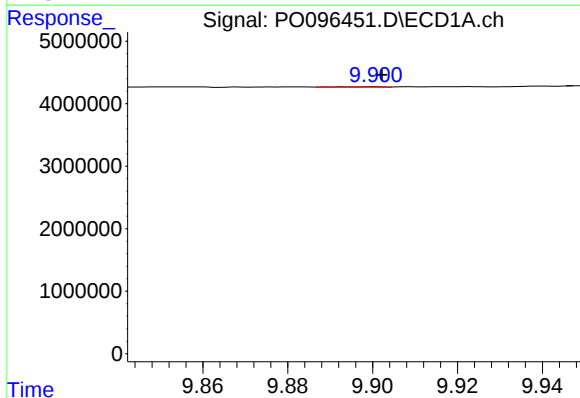
R.T.: 9.463 min
Delta R.T.: -0.012 min
Response: 195728
Conc: 2.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



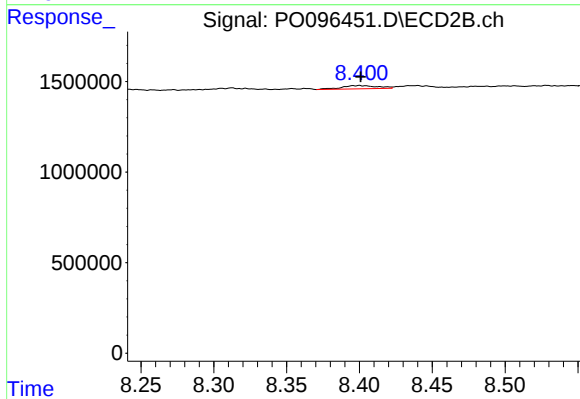
#44 AR-1268-4

R.T.: 8.148 min
Delta R.T.: 0.038 min
Response: 127478
Conc: 2.14 ng/ml



#45 AR-1268-5

R.T.: 9.900 min
Delta R.T.: -0.002 min
Response: 51666
Conc: 0.06 ng/ml



#45 AR-1268-5

R.T.: 8.400 min
Delta R.T.: 0.000 min
Response: 305542
Conc: 0.71 ng/ml