

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0051023\
 Data File : P0094939.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 May 2023 21:26
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 11 04:00:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0042623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon May 01 11:12:50 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...	4.413	3.615	66593234	26112984	19.333	19.516
2)	SA Decachlor...	10.249	8.624	52400105	25413865	21.592	22.578
Target Compounds							
3)	L1 AR-1016-1	5.579	0.000	149121	0	1.464	N.D. #
4)	L1 AR-1016-2	5.620	0.000	230984	0	1.527	N.D. #
5)	L1 AR-1016-3	5.666	0.000	366007	0	3.692	N.D. #
6)	L1 AR-1016-4	5.782	0.000	54202	0	0.728	N.D. #
7)	L1 AR-1016-5	6.071	5.170	808590	3662600	9.692	100.075 #
8)	L2 AR-1221-1	4.616	0.000	194199	0	4.378	N.D. #
9)	L2 AR-1221-2	4.721	3.912	1199725	429909	36.873	33.775
10)	L2 AR-1221-3	4.783	0.000	522192	0	5.223	N.D. #
11)	L3 AR-1232-1	4.783	0.000	522192	0	6.174	N.D. #
12)	L3 AR-1232-2	5.335	0.000	40853	0	0.953	N.D. #
13)	L3 AR-1232-3	5.620	0.000	230984	0	3.180	N.D. #
14)	L3 AR-1232-4	5.772	0.000	47510	0	1.353	N.D. #
15)	L3 AR-1232-5	5.861	5.170	802519	3662600	24.340	214.873 #
16)	L4 AR-1242-1	5.579	0.000	149121	0	1.785	N.D. #
17)	L4 AR-1242-2	5.620	0.000	230984	0	1.837	N.D. #
18)	L4 AR-1242-3	5.666	0.000	366007	0	4.495	N.D. #
19)	L4 AR-1242-4	5.782	0.000	54202	0	0.883	N.D. #
20)	L4 AR-1242-5	6.524	5.519	3051592	906879	47.419	28.703 #
21)	L5 AR-1248-1	5.579	0.000	149121	0	2.386	N.D. #
22)	L5 AR-1248-2	5.861	0.000	802519	0	7.670	N.D. #
23)	L5 AR-1248-3	6.071	0.000	808590	0	7.303	N.D. #
24)	L5 AR-1248-4	6.487	5.170	2630393	3662600	25.548	74.723 #
25)	L5 AR-1248-5	6.524	5.519	3051592	906879	28.058	22.794
26)	L6 AR-1254-1	6.462	5.519	5606625	906879	44.252	12.510 #
27)	L6 AR-1254-2	6.697	0.000	4464405	0	23.357	N.D. #
28)	L6 AR-1254-3	7.047	0.000	4581473	0	24.290	N.D. #
29)	L6 AR-1254-4	7.335	6.351f	252085	403722	2.226	8.179 #
30)	L6 AR-1254-5	7.763	0.000	12673	0	0.090	N.D. #
31)	L7 AR-1260-1	7.211	0.000	344584	0	2.324	N.D. #
32)	L7 AR-1260-2	7.472	6.351	99490	403722	0.614	5.050 #
33)	L7 AR-1260-3	7.831	0.000	320585	0	2.452	N.D. #
34)	L7 AR-1260-4	8.053	0.000	626021	0	4.477	N.D. #
35)	L7 AR-1260-5	8.403	0.000	69702	0	0.285	N.D. #
36)	L8 AR-1262-1	7.831	0.000	320585	0	1.909	N.D. #
37)	L8 AR-1262-2	8.403	0.000	69702	0	0.277	N.D. #
38)	L8 AR-1262-3	8.708	7.463f	26535	1803862	0.147	31.011 #
39)	L8 AR-1262-4	8.809	7.643f	6552	1000128	0.071	9.875 #
40)	L8 AR-1262-5	9.455	0.000	162347	0	1.896	N.D. #
41)	L9 AR-1268-1	8.708	7.463f	26535	1803862	0.078	10.677 #

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 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

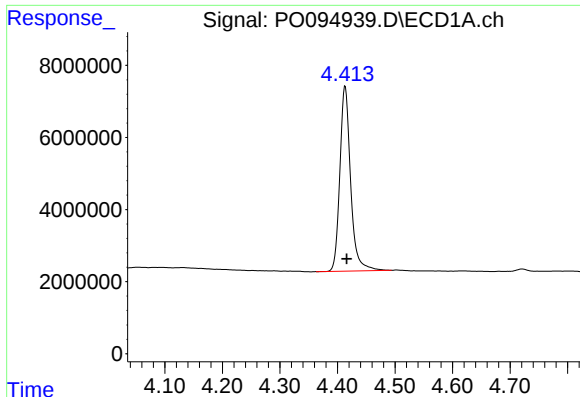
Instrument :
 ECD_S
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 11 04:00:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0042623.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	8.809	7.643f	6552	1000128	0.022	6.527 #
43) L9	AR-1268-3	9.038	0.000	51006	0	0.189	N.D. #
44) L9	AR-1268-4	9.503	0.000	108979	0	1.161	N.D. #
45) L9	AR-1268-5	9.903	0.000	458440	0	0.545	N.D. #

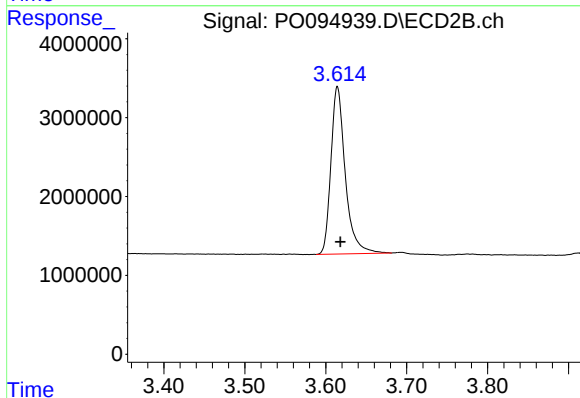
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

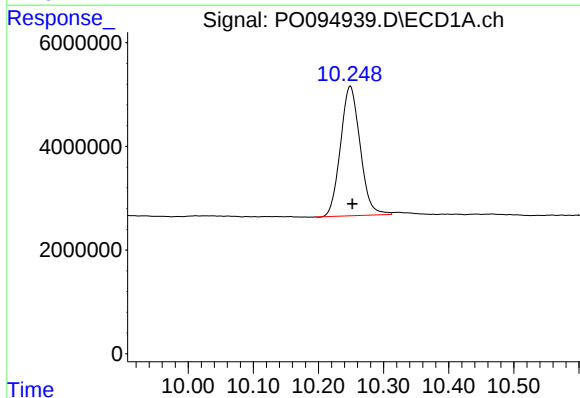
R.T.: 4.413 min
Delta R.T.: -0.003 min
Response: 66593234
Conc: 19.33 ng/ml

Instrument :
ECD_S
ClientSampleId :



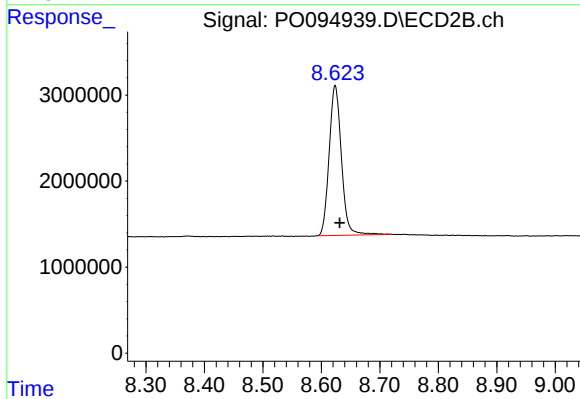
#1 Tetrachloro-m-xylene

R.T.: 3.615 min
Delta R.T.: -0.003 min
Response: 26112984
Conc: 19.52 ng/ml



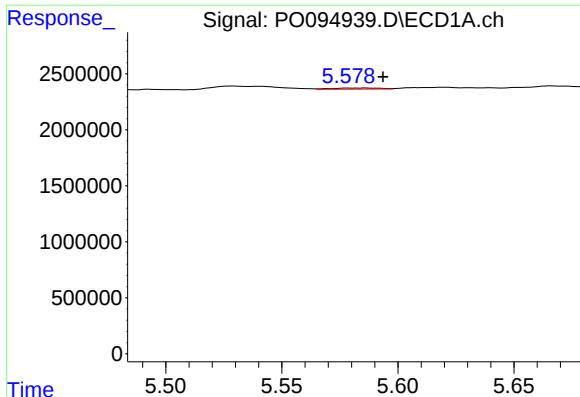
#2 Decachlorobiphenyl

R.T.: 10.249 min
Delta R.T.: -0.003 min
Response: 52400105
Conc: 21.59 ng/ml



#2 Decachlorobiphenyl

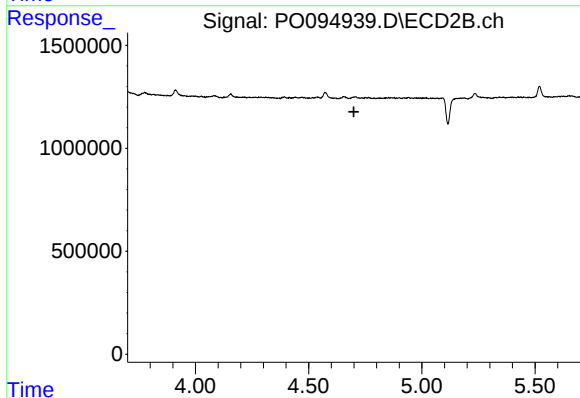
R.T.: 8.624 min
Delta R.T.: -0.007 min
Response: 25413865
Conc: 22.58 ng/ml



#3 AR-1016-1

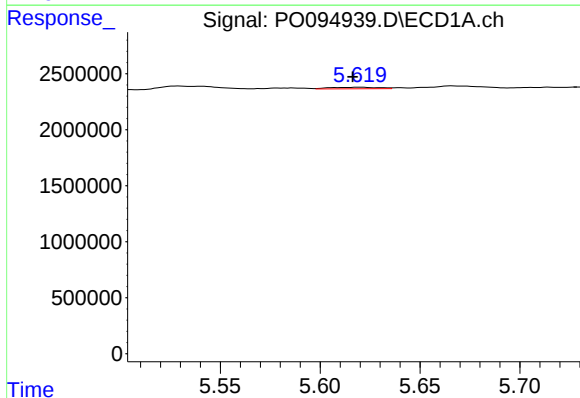
R.T.: 5.579 min
Delta R.T.: -0.015 min
Response: 149121
Conc: 1.46 ng/ml

Instrument :
ECD_S
ClientSampleId :



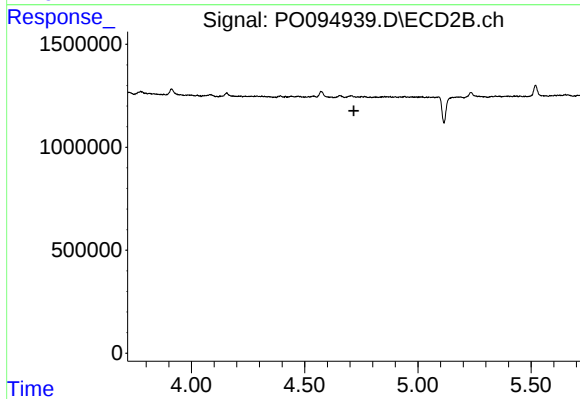
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.700 min
Response: 0
Conc: N.D.



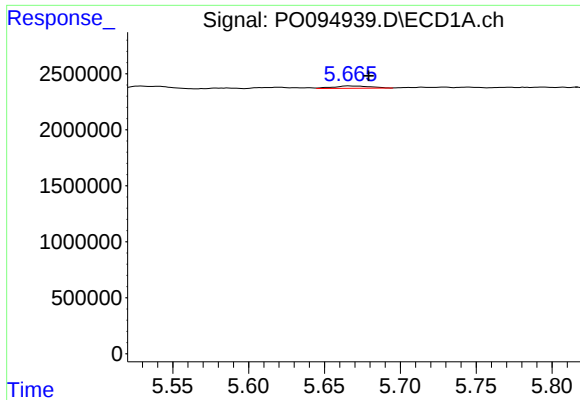
#4 AR-1016-2

R.T.: 5.620 min
Delta R.T.: 0.004 min
Response: 230984
Conc: 1.53 ng/ml



#4 AR-1016-2

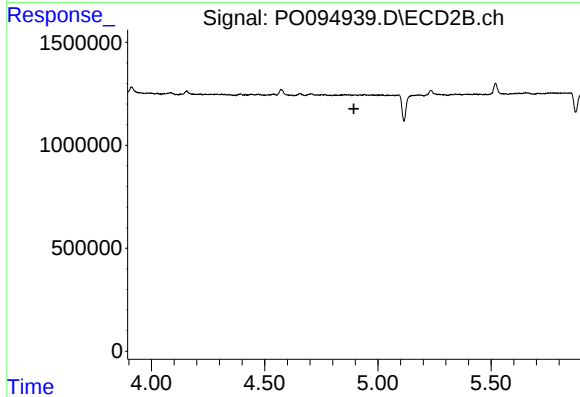
R.T.: 0.000 min
Exp R.T. : 4.717 min
Response: 0
Conc: N.D.



#5 AR-1016-3

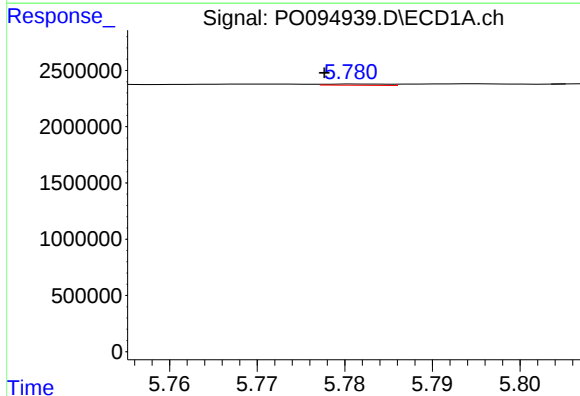
R.T.: 5.666 min
Delta R.T.: -0.013 min
Response: 366007
Conc: 3.69 ng/ml

Instrument :
ECD_S
ClientSampleId :



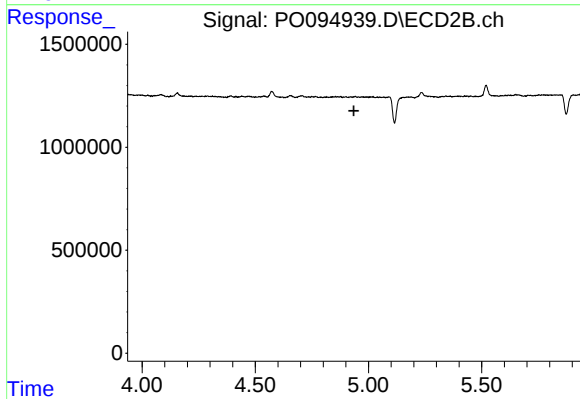
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.894 min
Response: 0
Conc: N.D.



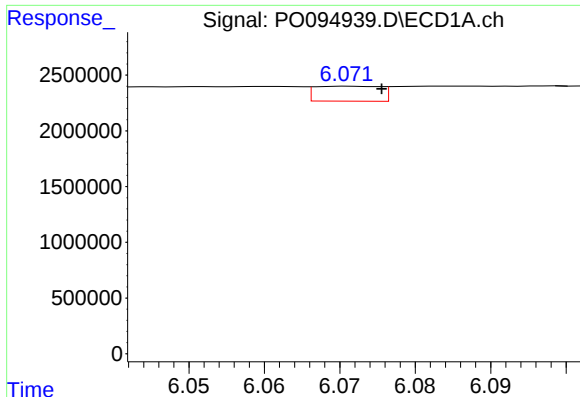
#6 AR-1016-4

R.T.: 5.782 min
Delta R.T.: 0.004 min
Response: 54202
Conc: 0.73 ng/ml



#6 AR-1016-4

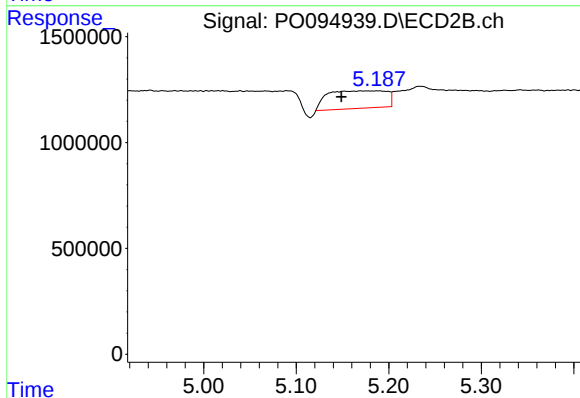
R.T.: 0.000 min
Exp R.T. : 4.936 min
Response: 0
Conc: N.D.



#7 AR-1016-5

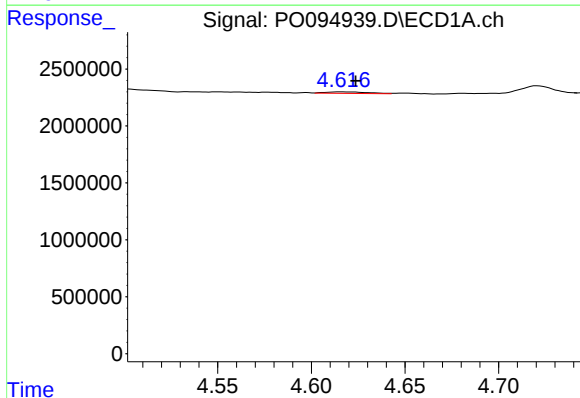
R.T.: 6.071 min
Delta R.T.: -0.004 min
Response: 808590
Conc: 9.69 ng/ml

Instrument :
ECD_S
ClientSampleId :



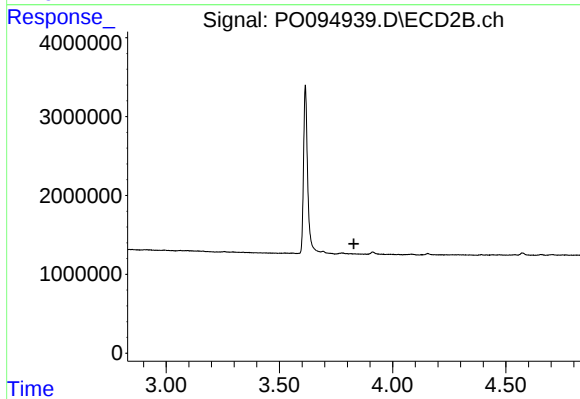
#7 AR-1016-5

R.T.: 5.170 min
Delta R.T.: 0.021 min
Response: 3662600
Conc: 100.08 ng/ml



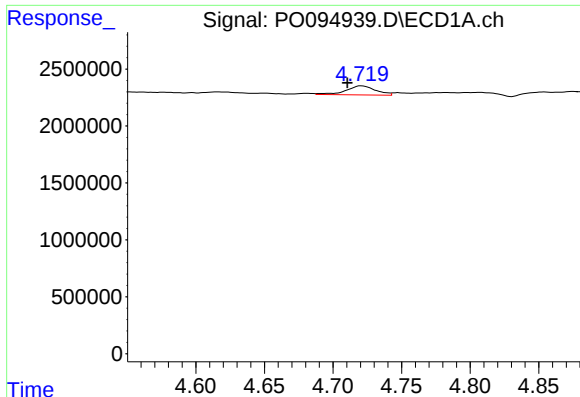
#8 AR-1221-1

R.T.: 4.616 min
Delta R.T.: -0.007 min
Response: 194199
Conc: 4.38 ng/ml



#8 AR-1221-1

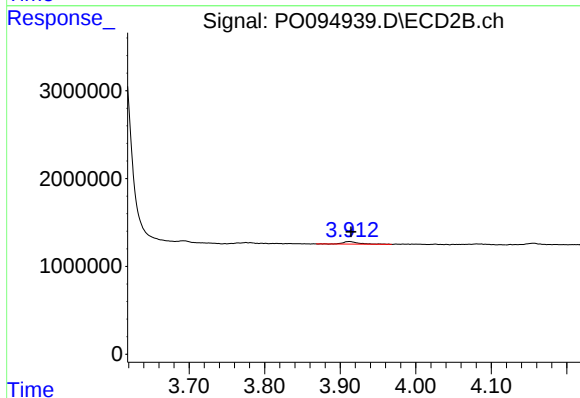
R.T.: 0.000 min
Exp R.T. : 3.829 min
Response: 0
Conc: N.D.



#9 AR-1221-2

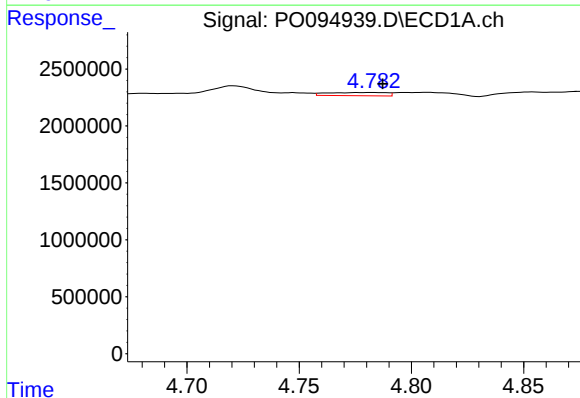
R.T.: 4.721 min
Delta R.T.: 0.010 min
Response: 1199725
Conc: 36.87 ng/ml

Instrument :
ECD_S
ClientSampleId :



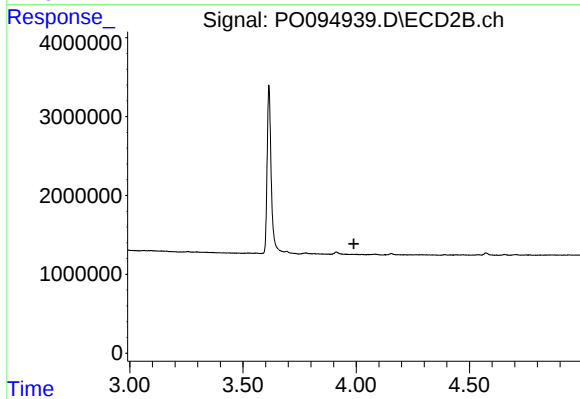
#9 AR-1221-2

R.T.: 3.912 min
Delta R.T.: -0.002 min
Response: 429909
Conc: 33.77 ng/ml



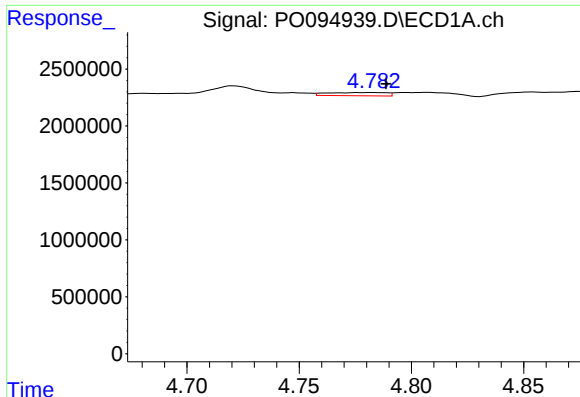
#10 AR-1221-3

R.T.: 4.783 min
Delta R.T.: -0.005 min
Response: 522192
Conc: 5.22 ng/ml



#10 AR-1221-3

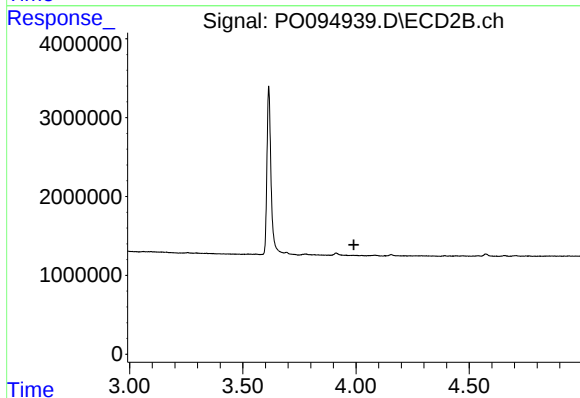
R.T.: 0.000 min
Exp R.T. : 3.990 min
Response: 0
Conc: N.D.



#11 AR-1232-1

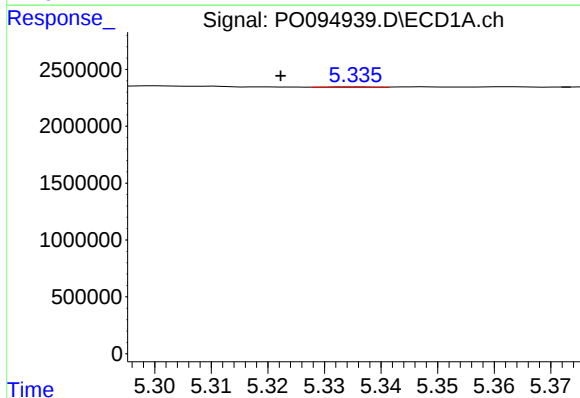
R.T.: 4.783 min
Delta R.T.: -0.006 min
Response: 522192
Conc: 6.17 ng/ml

Instrument :
ECD_S
ClientSampleId :



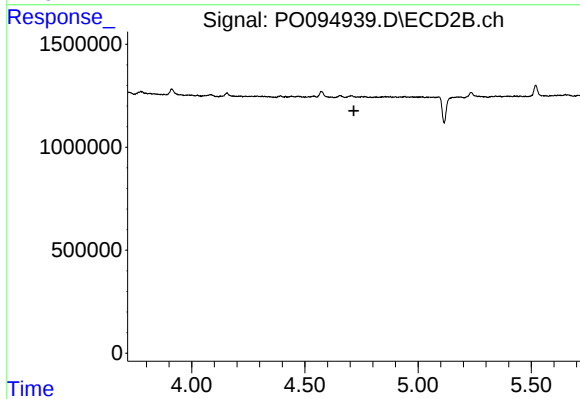
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.991 min
Response: 0
Conc: N.D.



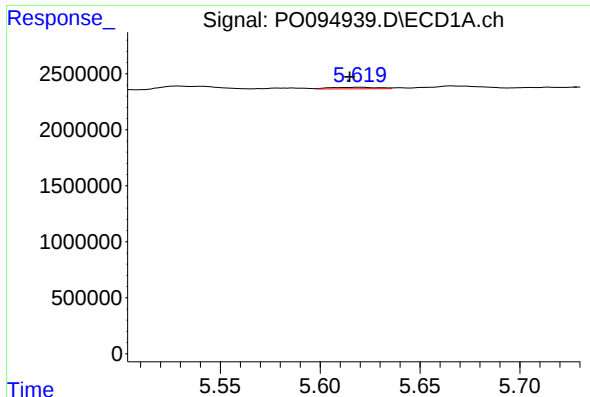
#12 AR-1232-2

R.T.: 5.335 min
Delta R.T.: 0.013 min
Response: 40853
Conc: 0.95 ng/ml



#12 AR-1232-2

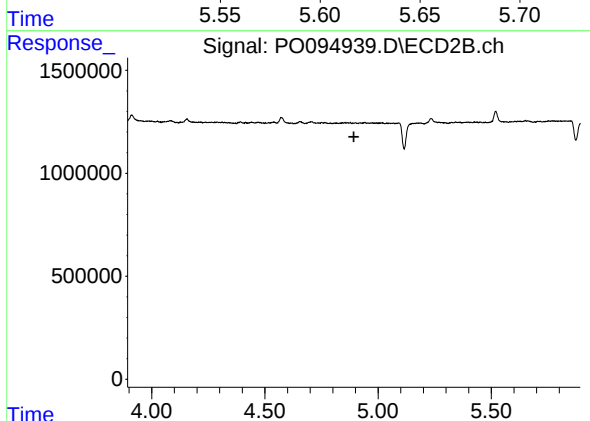
R.T.: 0.000 min
Exp R.T. : 4.716 min
Response: 0
Conc: N.D.



#13 AR-1232-3

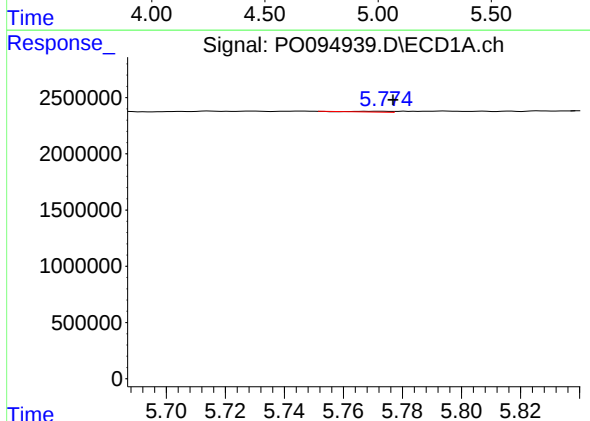
R.T.: 5.620 min
Delta R.T.: 0.005 min
Response: 230984
Conc: 3.18 ng/ml

Instrument :
ECD_S
ClientSampleId :



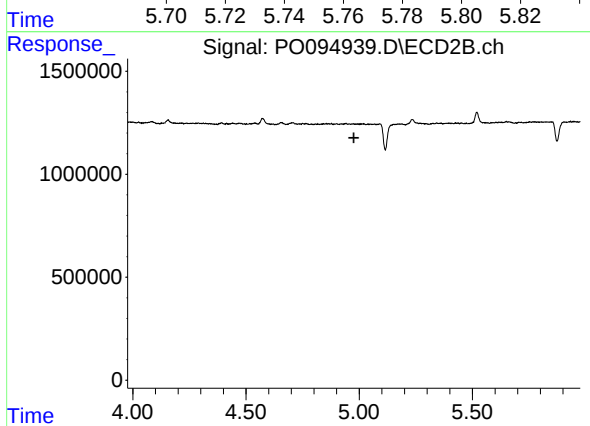
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.893 min
Response: 0
Conc: N.D.



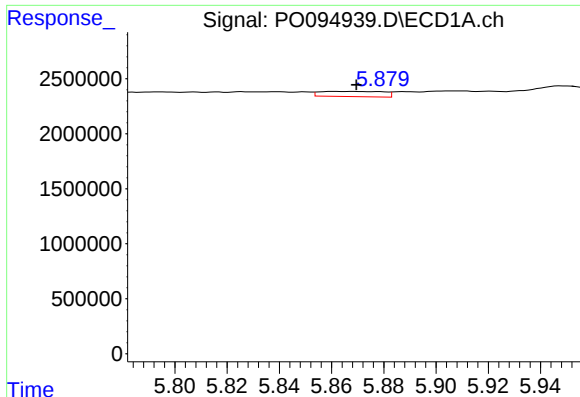
#14 AR-1232-4

R.T.: 5.772 min
Delta R.T.: -0.005 min
Response: 47510
Conc: 1.35 ng/ml



#14 AR-1232-4

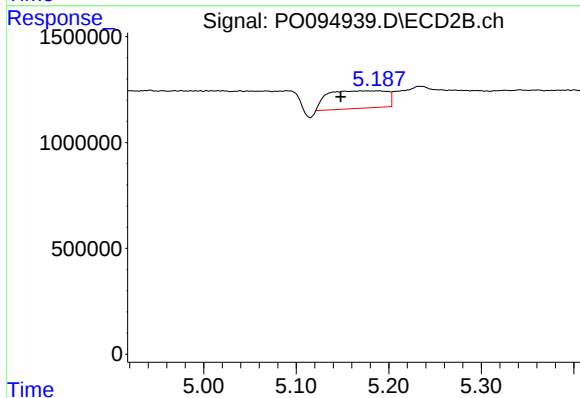
R.T.: 0.000 min
Exp R.T. : 4.977 min
Response: 0
Conc: N.D.



#15 AR-1232-5

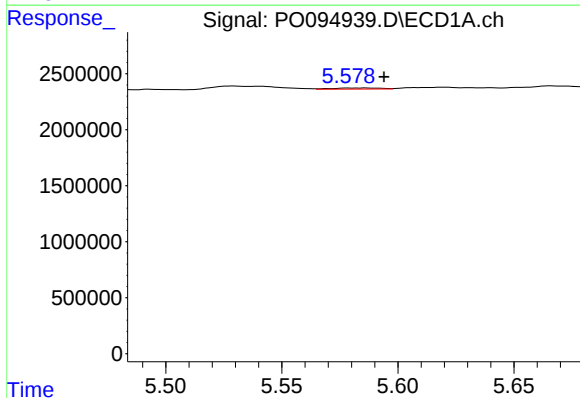
R.T.: 5.861 min
Delta R.T.: -0.009 min
Response: 802519
Conc: 24.34 ng/ml

Instrument :
ECD_S
ClientSampleId :



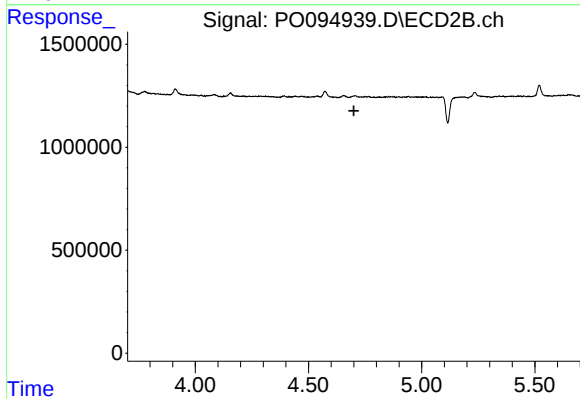
#15 AR-1232-5

R.T.: 5.170 min
Delta R.T.: 0.022 min
Response: 3662600
Conc: 214.87 ng/ml



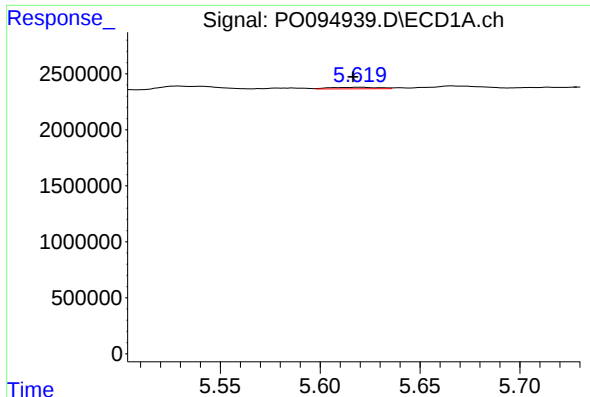
#16 AR-1242-1

R.T.: 5.579 min
Delta R.T.: -0.015 min
Response: 149121
Conc: 1.79 ng/ml



#16 AR-1242-1

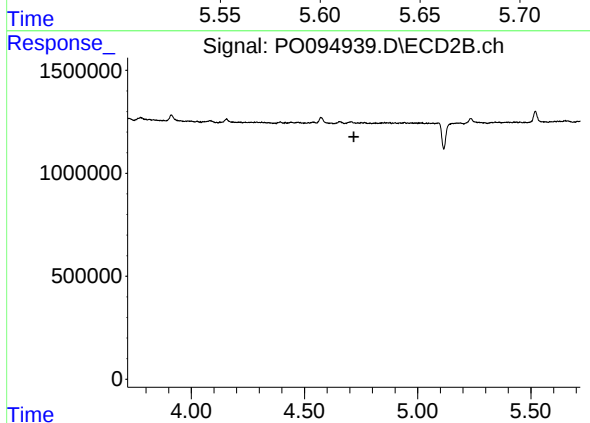
R.T.: 0.000 min
Exp R.T. : 4.700 min
Response: 0
Conc: N.D.



#17 AR-1242-2

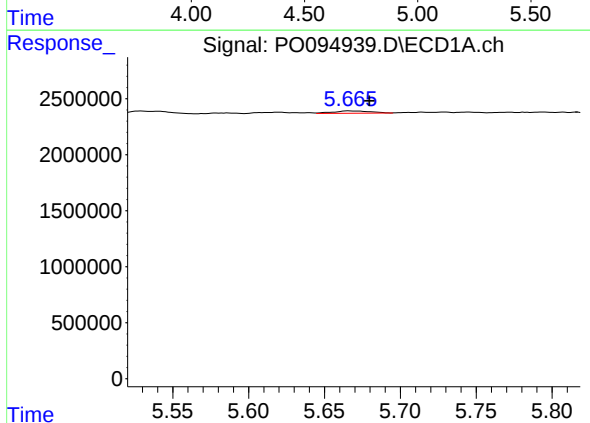
R.T.: 5.620 min
Delta R.T.: 0.003 min
Response: 230984
Conc: 1.84 ng/ml

Instrument :
ECD_S
ClientSampleId :



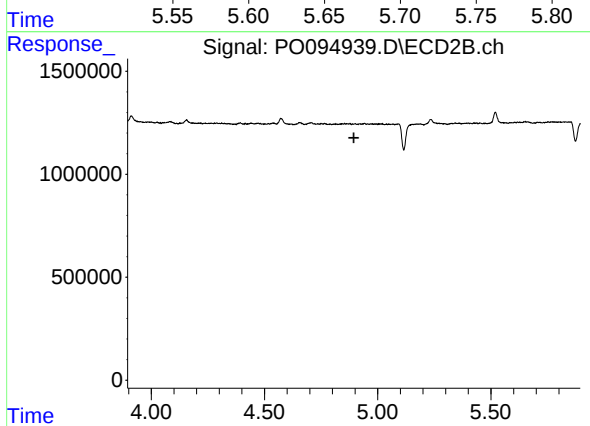
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.718 min
Response: 0
Conc: N.D.



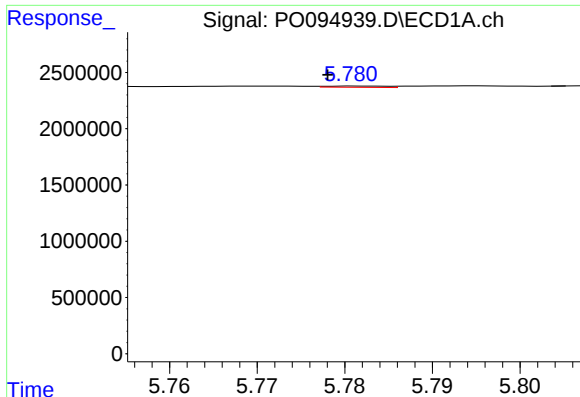
#18 AR-1242-3

R.T.: 5.666 min
Delta R.T.: -0.014 min
Response: 366007
Conc: 4.49 ng/ml



#18 AR-1242-3

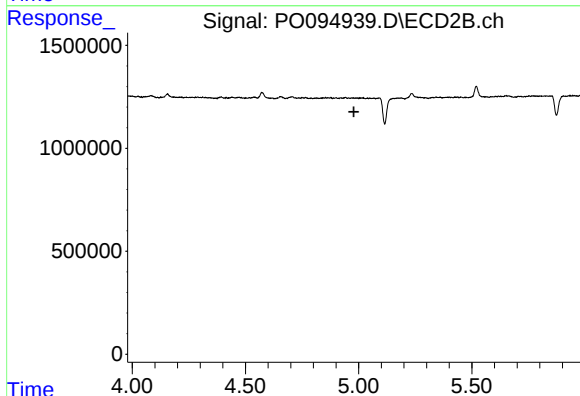
R.T.: 0.000 min
Exp R.T. : 4.895 min
Response: 0
Conc: N.D.



#19 AR-1242-4

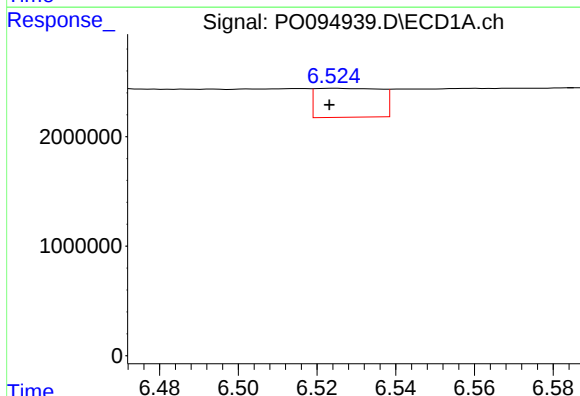
R.T.: 5.782 min
Delta R.T.: 0.004 min
Response: 54202
Conc: 0.88 ng/ml

Instrument :
ECD_S
ClientSampleId :



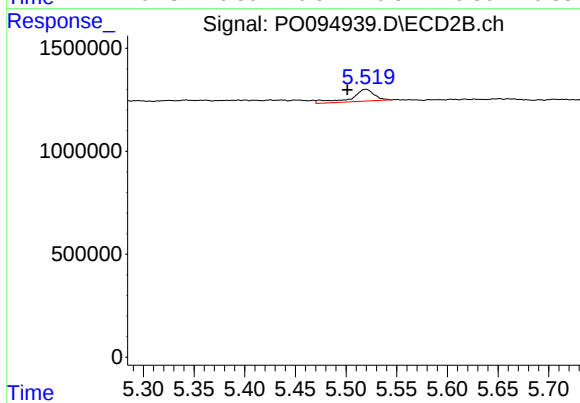
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.979 min
Response: 0
Conc: N.D.



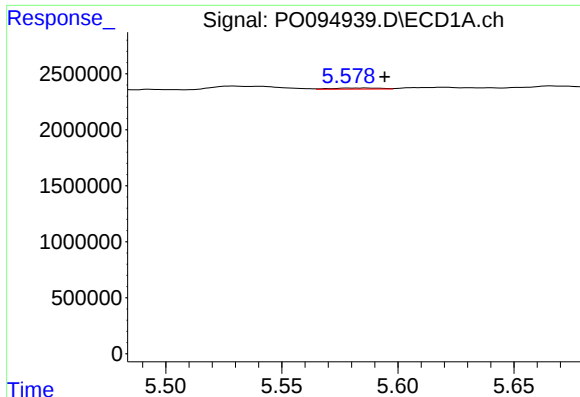
#20 AR-1242-5

R.T.: 6.524 min
Delta R.T.: 0.001 min
Response: 3051592
Conc: 47.42 ng/ml



#20 AR-1242-5

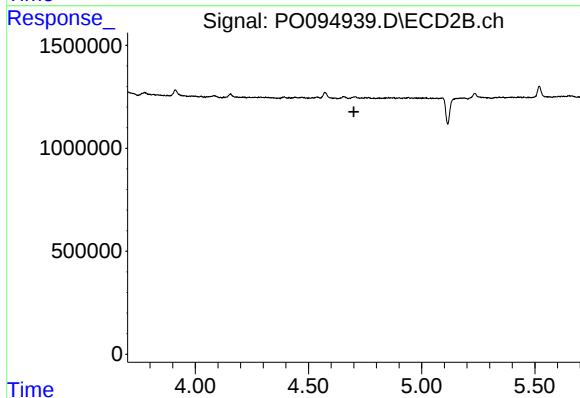
R.T.: 5.519 min
Delta R.T.: 0.018 min
Response: 906879
Conc: 28.70 ng/ml



#21 AR-1248-1

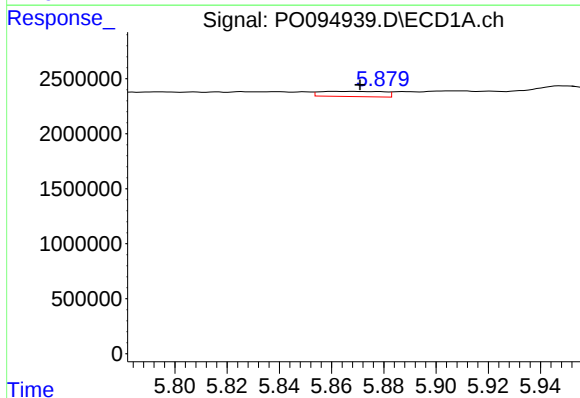
R.T.: 5.579 min
Delta R.T.: -0.016 min
Response: 149121
Conc: 2.39 ng/ml

Instrument :
ECD_S
ClientSampleId :



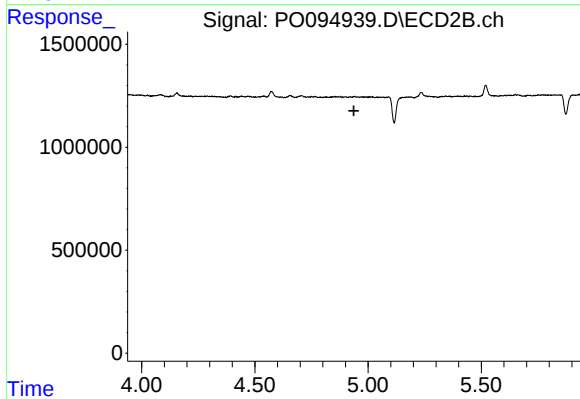
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.700 min
Response: 0
Conc: N.D.



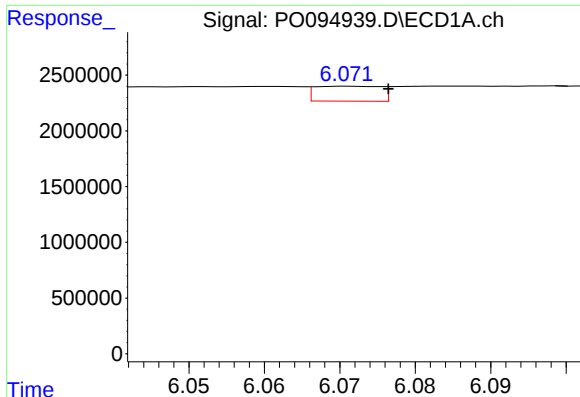
#22 AR-1248-2

R.T.: 5.861 min
Delta R.T.: -0.010 min
Response: 802519
Conc: 7.67 ng/ml



#22 AR-1248-2

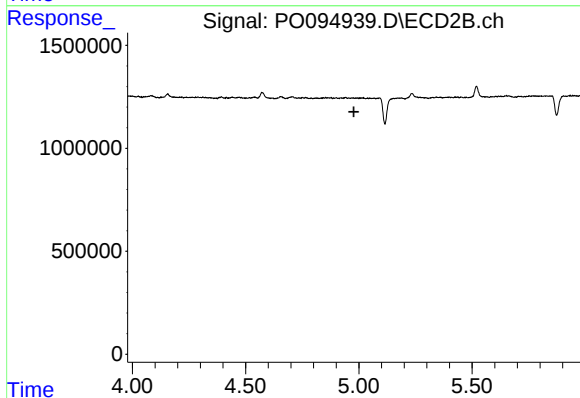
R.T.: 0.000 min
Exp R.T. : 4.937 min
Response: 0
Conc: N.D.



#23 AR-1248-3

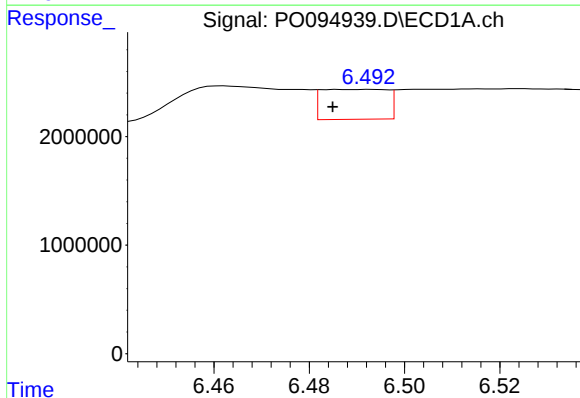
R.T.: 6.071 min
Delta R.T.: -0.005 min
Response: 808590
Conc: 7.30 ng/ml

Instrument :
ECD_S
ClientSampleId :



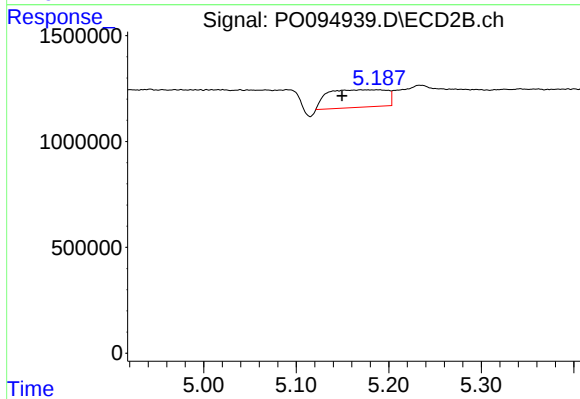
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.978 min
Response: 0
Conc: N.D.



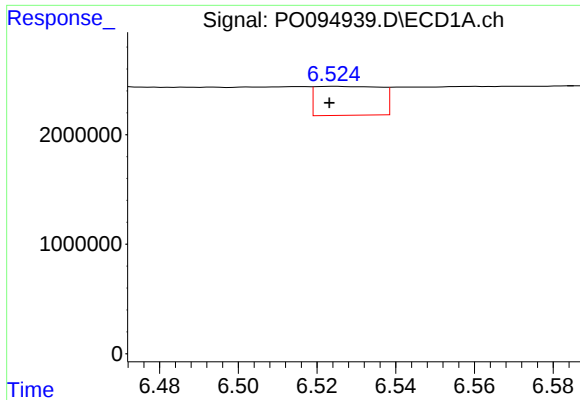
#24 AR-1248-4

R.T.: 6.487 min
Delta R.T.: 0.002 min
Response: 2630393
Conc: 25.55 ng/ml



#24 AR-1248-4

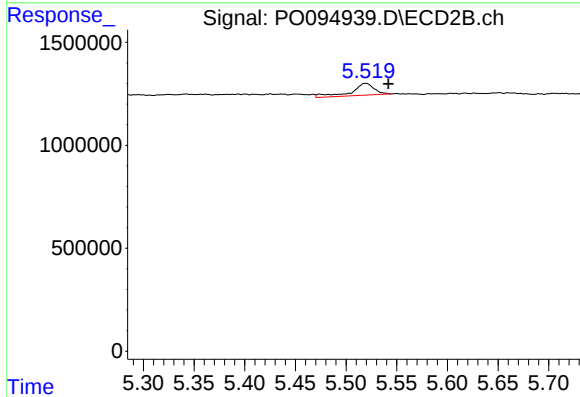
R.T.: 5.170 min
Delta R.T.: 0.020 min
Response: 3662600
Conc: 74.72 ng/ml



#25 AR-1248-5

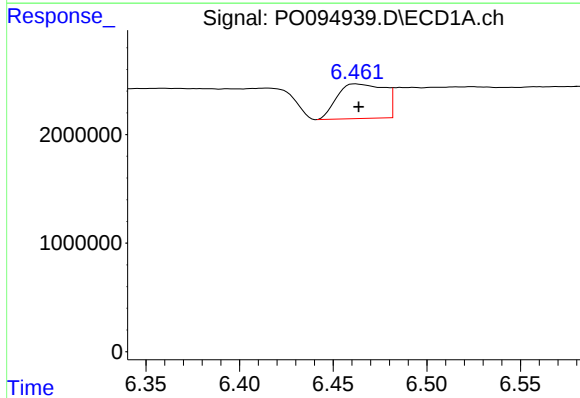
R.T.: 6.524 min
Delta R.T.: 0.001 min
Response: 3051592
Conc: 28.06 ng/ml

Instrument :
ECD_S
ClientSampleId :



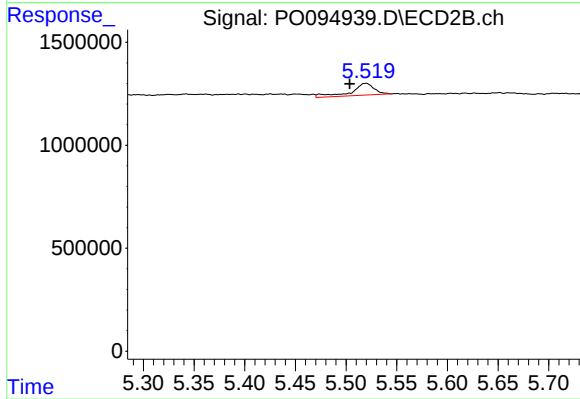
#25 AR-1248-5

R.T.: 5.519 min
Delta R.T.: -0.022 min
Response: 906879
Conc: 22.79 ng/ml



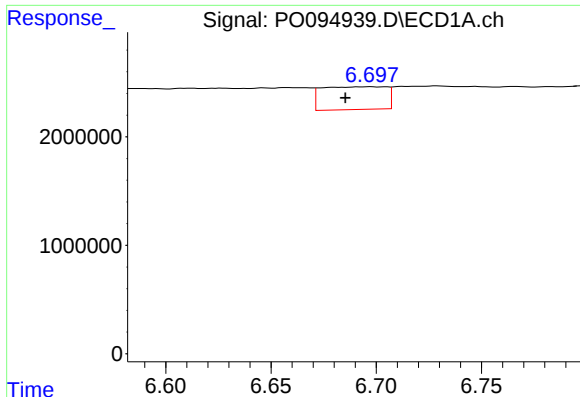
#26 AR-1254-1

R.T.: 6.462 min
Delta R.T.: -0.002 min
Response: 5606625
Conc: 44.25 ng/ml



#26 AR-1254-1

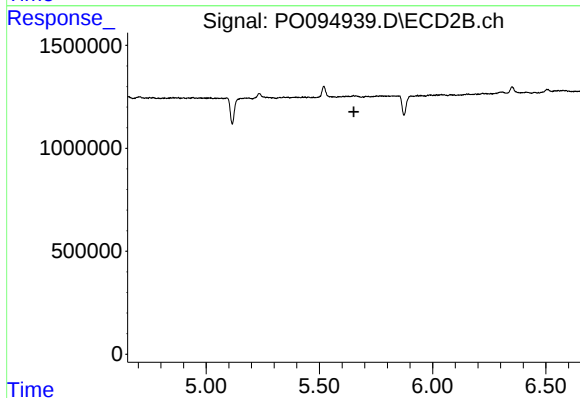
R.T.: 5.519 min
Delta R.T.: 0.016 min
Response: 906879
Conc: 12.51 ng/ml



#27 AR-1254-2

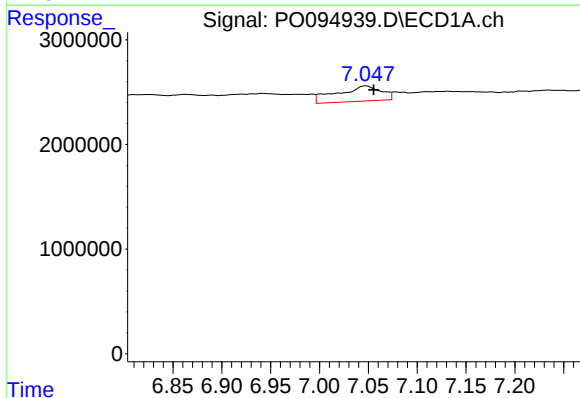
R.T.: 6.697 min
Delta R.T.: 0.012 min
Response: 4464405
Conc: 23.36 ng/ml

Instrument :
ECD_S
ClientSampleId :



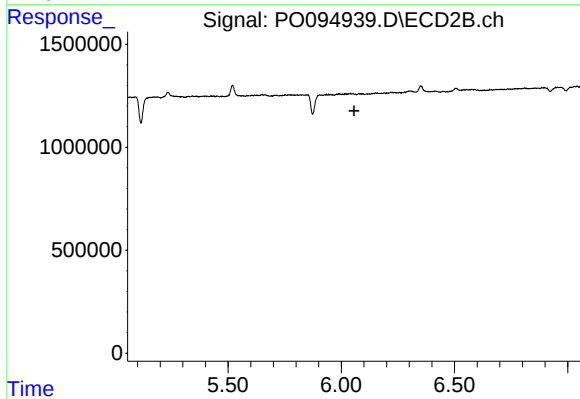
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.652 min
Response: 0
Conc: N.D.



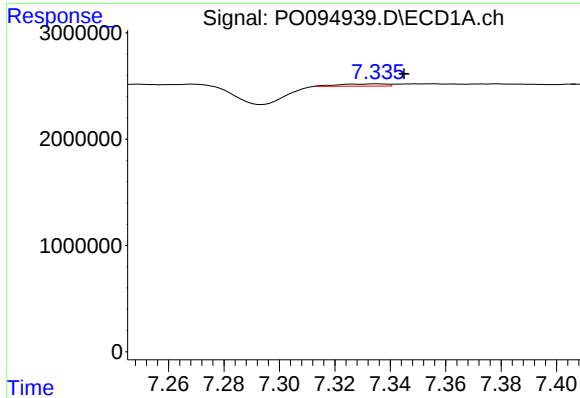
#28 AR-1254-3

R.T.: 7.047 min
Delta R.T.: -0.008 min
Response: 4581473
Conc: 24.29 ng/ml



#28 AR-1254-3

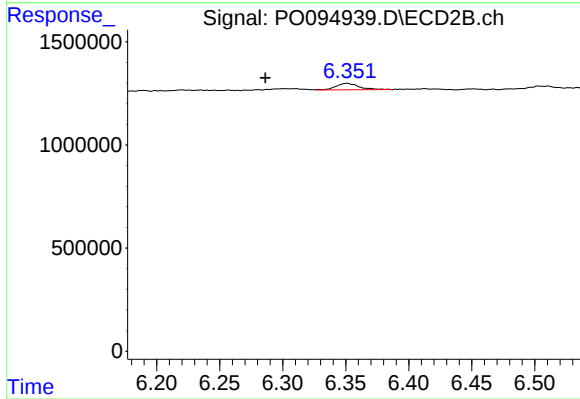
R.T.: 0.000 min
Exp R.T. : 6.056 min
Response: 0
Conc: N.D.



#29 AR-1254-4

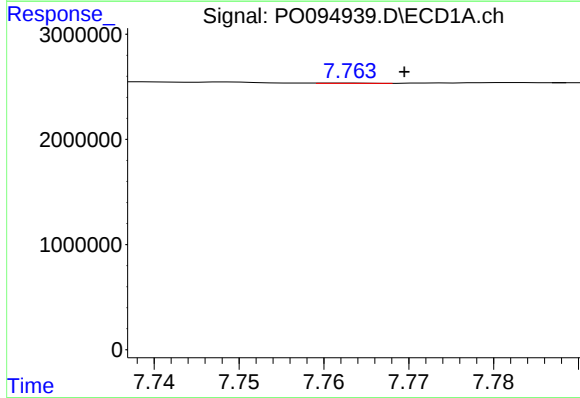
R.T.: 7.335 min
Delta R.T.: -0.010 min
Response: 252085
Conc: 2.23 ng/ml

Instrument :
ECD_S
ClientSampleId :



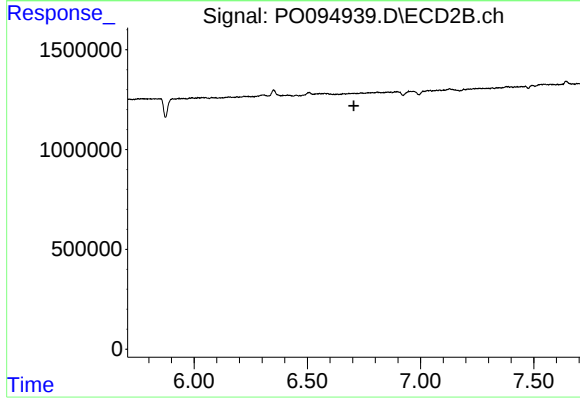
#29 AR-1254-4

R.T.: 6.351 min
Delta R.T.: 0.065 min
Response: 403722
Conc: 8.18 ng/ml



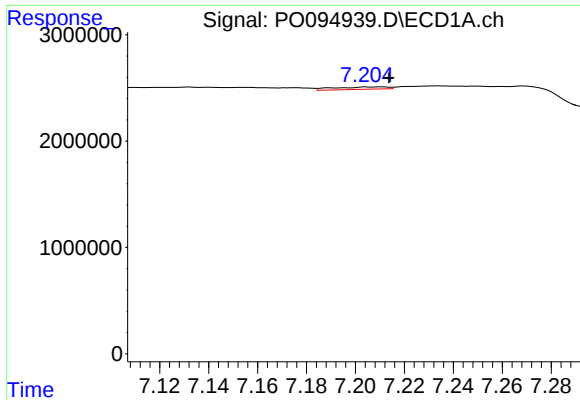
#30 AR-1254-5

R.T.: 7.763 min
Delta R.T.: -0.007 min
Response: 12673
Conc: 0.09 ng/ml



#30 AR-1254-5

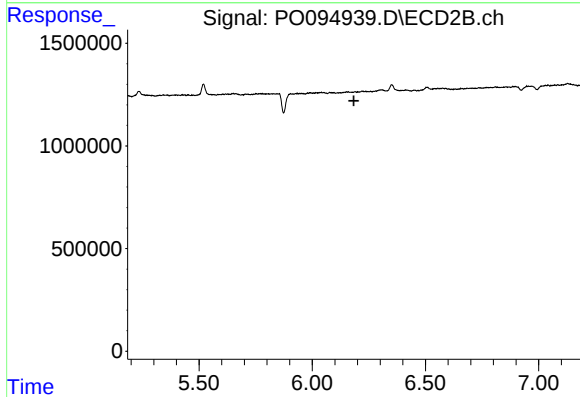
R.T.: 0.000 min
Exp R.T.: 6.706 min
Response: 0
Conc: N.D.



#31 AR-1260-1

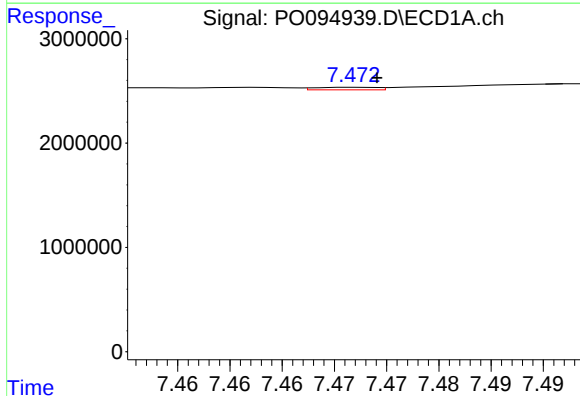
R.T.: 7.211 min
Delta R.T.: -0.003 min
Response: 344584
Conc: 2.32 ng/ml

Instrument :
ECD_S
ClientSampleId :



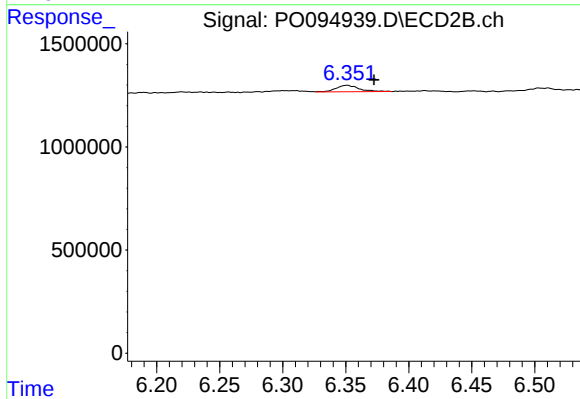
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.184 min
Response: 0
Conc: N.D.



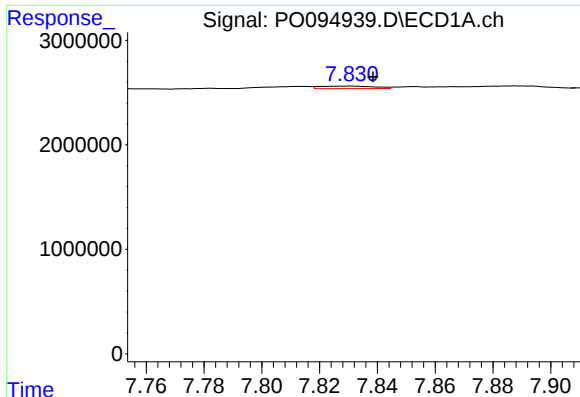
#32 AR-1260-2

R.T.: 7.472 min
Delta R.T.: -0.002 min
Response: 99490
Conc: 0.61 ng/ml



#32 AR-1260-2

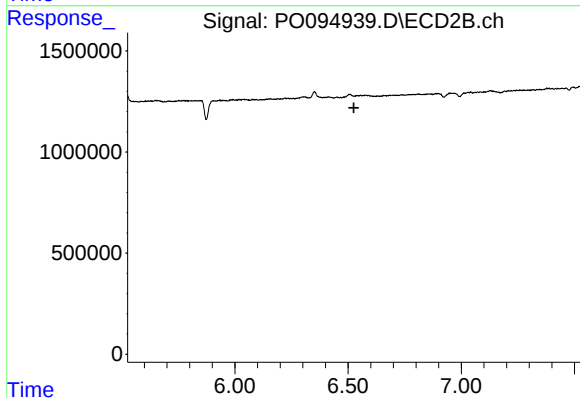
R.T.: 6.351 min
Delta R.T.: -0.022 min
Response: 403722
Conc: 5.05 ng/ml



#33 AR-1260-3

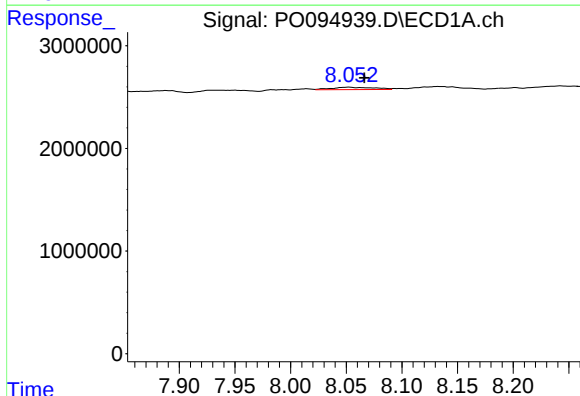
R.T.: 7.831 min
Delta R.T.: -0.008 min
Response: 320585
Conc: 2.45 ng/ml

Instrument :
ECD_S
ClientSampleId :



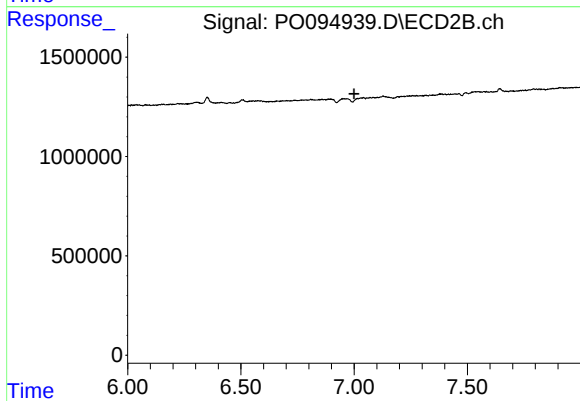
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.526 min
Response: 0
Conc: N.D.



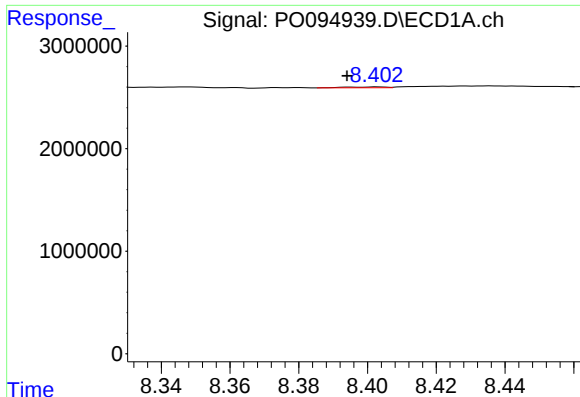
#34 AR-1260-4

R.T.: 8.053 min
Delta R.T.: -0.013 min
Response: 626021
Conc: 4.48 ng/ml



#34 AR-1260-4

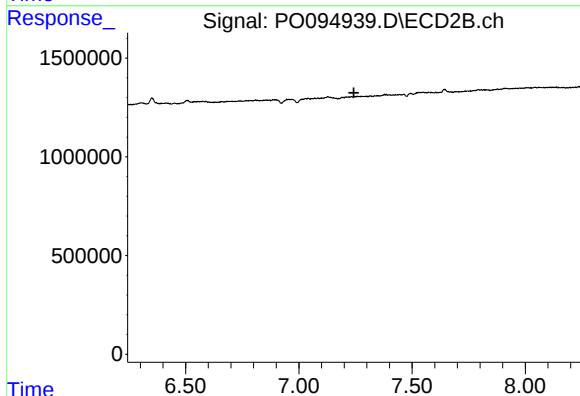
R.T.: 0.000 min
Exp R.T. : 6.999 min
Response: 0
Conc: N.D.



#35 AR-1260-5

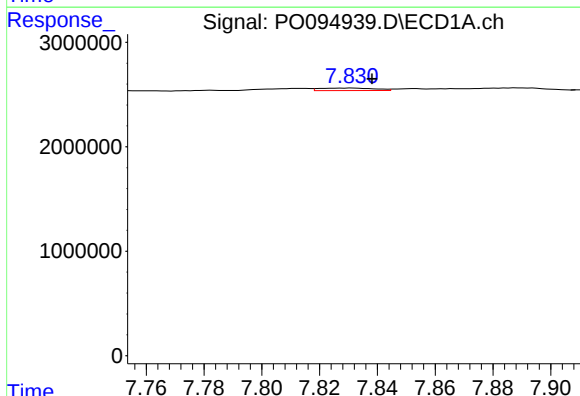
R.T.: 8.403 min
Delta R.T.: 0.009 min
Response: 69702
Conc: 0.28 ng/ml

Instrument :
ECD_S
ClientSampleId :



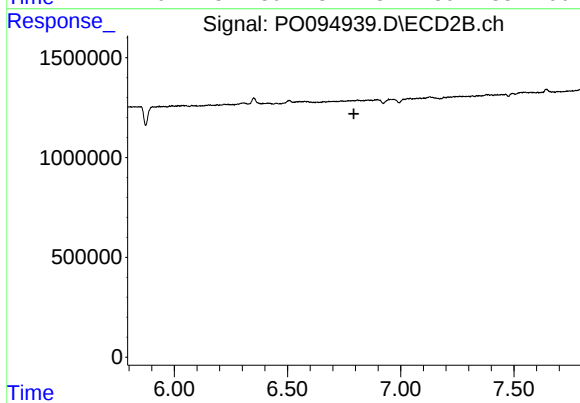
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.243 min
Response: 0
Conc: N.D.



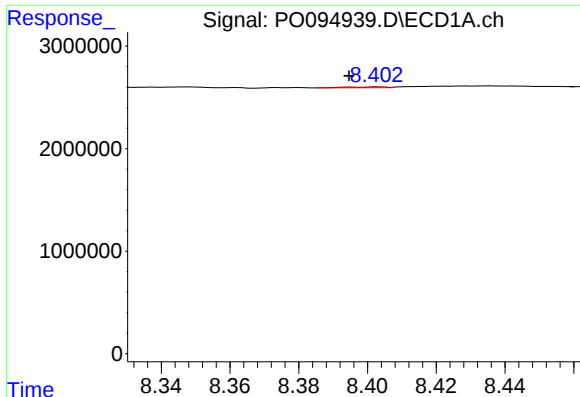
#36 AR-1262-1

R.T.: 7.831 min
Delta R.T.: -0.007 min
Response: 320585
Conc: 1.91 ng/ml



#36 AR-1262-1

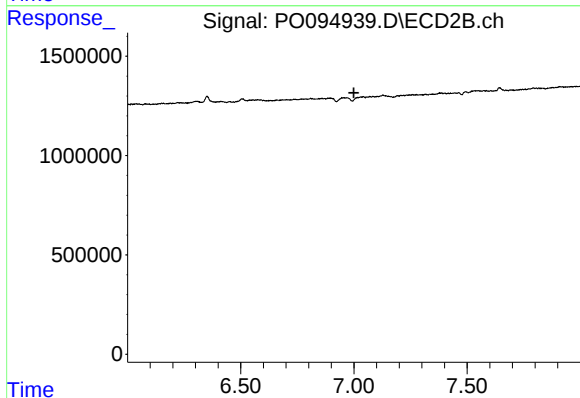
R.T.: 0.000 min
Exp R.T. : 6.793 min
Response: 0
Conc: N.D.



#37 AR-1262-2

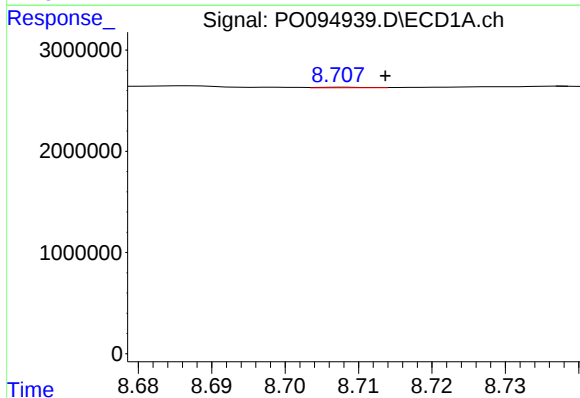
R.T.: 8.403 min
Delta R.T.: 0.009 min
Response: 69702
Conc: 0.28 ng/ml

Instrument :
ECD_S
ClientSampleId :



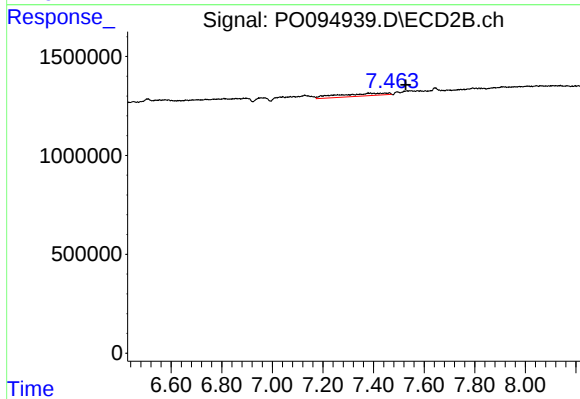
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.000 min
Response: 0
Conc: N.D.



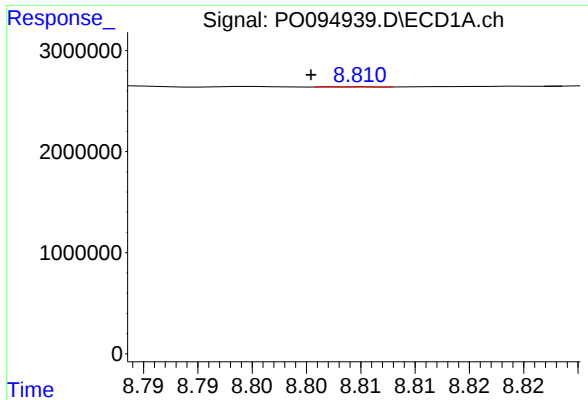
#38 AR-1262-3

R.T.: 8.708 min
Delta R.T.: -0.006 min
Response: 26535
Conc: 0.15 ng/ml



#38 AR-1262-3

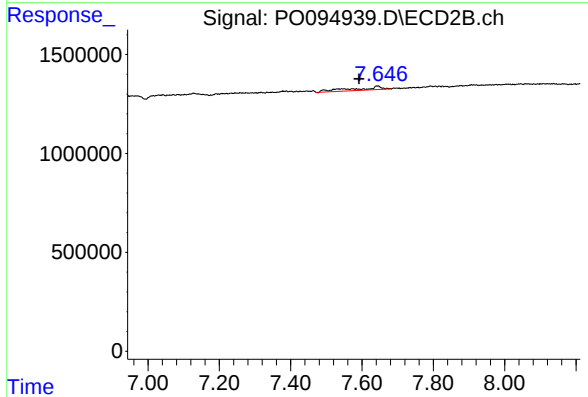
R.T.: 7.463 min
Delta R.T.: -0.065 min
Response: 1803862
Conc: 31.01 ng/ml



#39 AR-1262-4

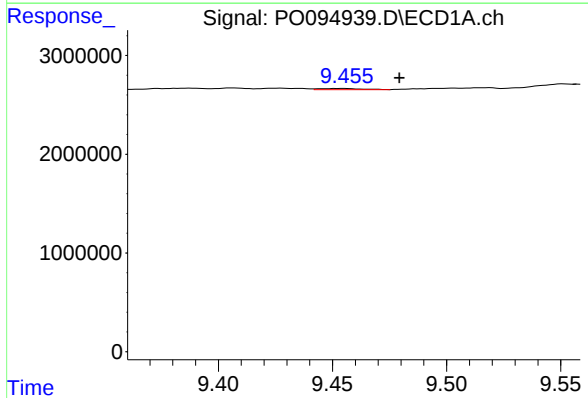
R.T.: 8.809 min
Delta R.T.: 0.004 min
Response: 6552
Conc: 0.07 ng/ml

Instrument :
ECD_S
ClientSampleId :



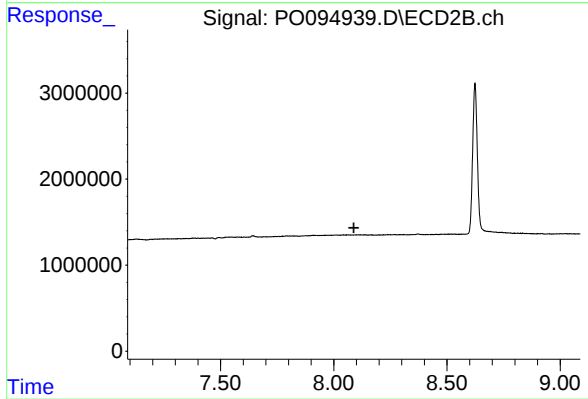
#39 AR-1262-4

R.T.: 7.643 min
Delta R.T.: 0.051 min
Response: 1000128
Conc: 9.87 ng/ml



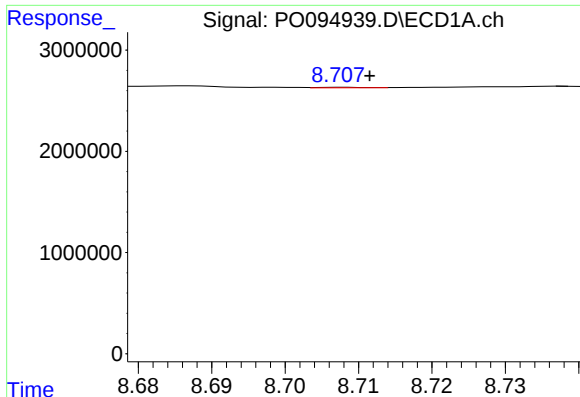
#40 AR-1262-5

R.T.: 9.455 min
Delta R.T.: -0.024 min
Response: 162347
Conc: 1.90 ng/ml



#40 AR-1262-5

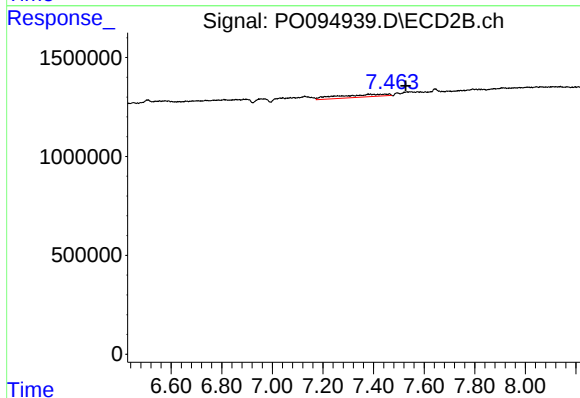
R.T.: 0.000 min
Exp R.T. : 8.089 min
Response: 0
Conc: N.D.



#41 AR-1268-1

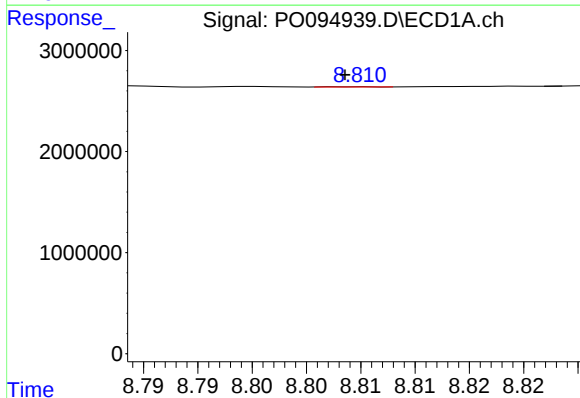
R.T.: 8.708 min
Delta R.T.: -0.004 min
Response: 26535
Conc: 0.08 ng/ml

Instrument :
ECD_S
ClientSampleId :



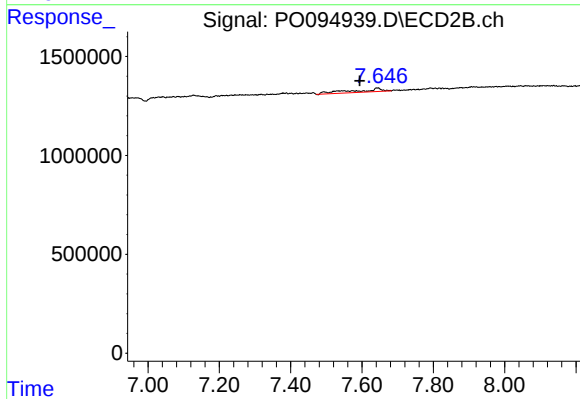
#41 AR-1268-1

R.T.: 7.463 min
Delta R.T.: -0.065 min
Response: 1803862
Conc: 10.68 ng/ml



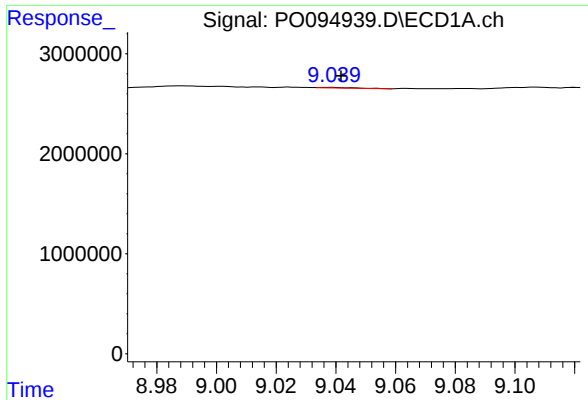
#42 AR-1268-2

R.T.: 8.809 min
Delta R.T.: 0.000 min
Response: 6552
Conc: 0.02 ng/ml



#42 AR-1268-2

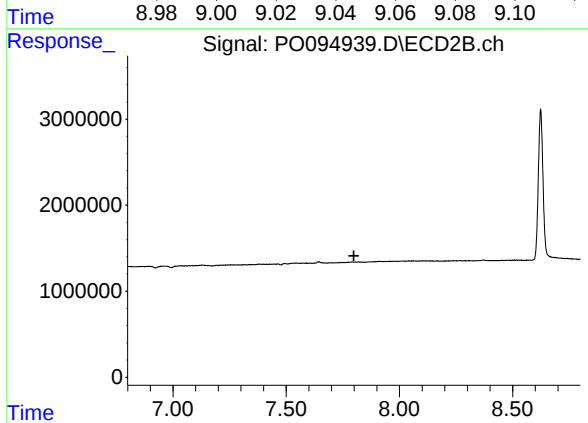
R.T.: 7.643 min
Delta R.T.: 0.050 min
Response: 1000128
Conc: 6.53 ng/ml



#43 AR-1268-3

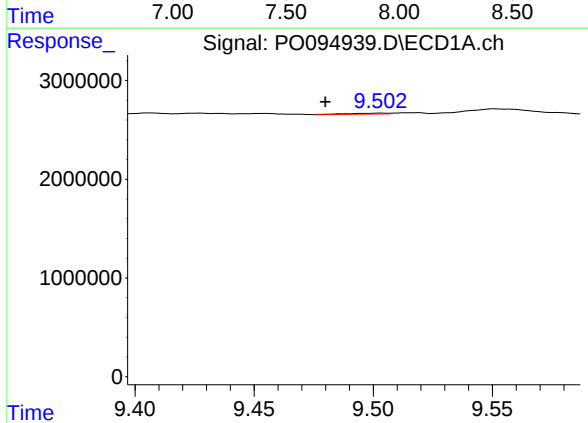
R.T.: 9.038 min
Delta R.T.: -0.003 min
Response: 51006
Conc: 0.19 ng/ml

Instrument :
ECD_S
ClientSampleId :



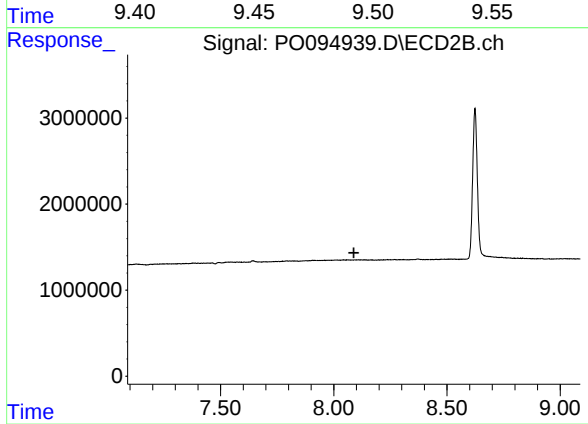
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.799 min
Response: 0
Conc: N.D.



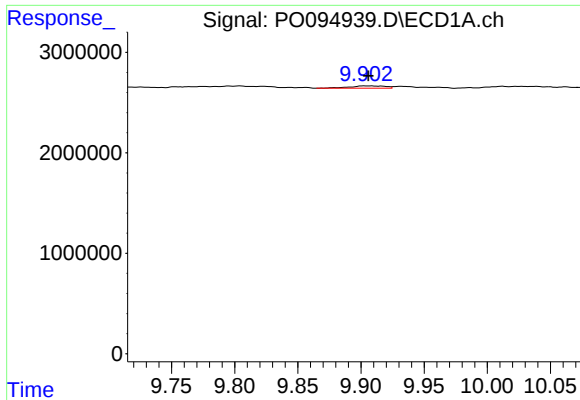
#44 AR-1268-4

R.T.: 9.503 min
Delta R.T.: 0.023 min
Response: 108979
Conc: 1.16 ng/ml



#44 AR-1268-4

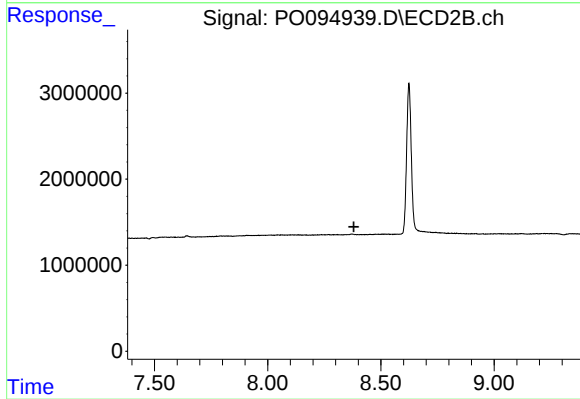
R.T.: 0.000 min
Exp R.T. : 8.089 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.903 min
Delta R.T.: -0.003 min
Response: 458440
Conc: 0.55 ng/ml

Instrument :
ECD_S
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.381 min
Response: 0
Conc: N.D.