

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0051023\
 Data File : P0094934.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 May 2023 19:31
 Operator : YP/AJ
 Sample : 02719-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 21:44:14 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	74505100	30250016	21.629	22.607
2)	SA Decachlor...	10.249	8.625	52261790	25725465	21.535	22.855
Target Compounds							
3)	L1 AR-1016-1	5.583	0.000	35352	0	0.347	N.D. #
4)	L1 AR-1016-2	5.614	0.000	141468	0	0.935	N.D. #
5)	L1 AR-1016-3	5.686	0.000	27185	0	0.274	N.D. #
6)	L1 AR-1016-4	5.788	0.000	13123	0	0.176	N.D. #
7)	L1 AR-1016-5	6.072	0.000	61923	0	0.742	N.D. #
8)	L2 AR-1221-1	4.622	3.897f	18442202	5232540	415.757	304.785 #
9)	L2 AR-1221-2	4.721	3.897	1427081	5232540	43.861	411.079 #
10)	L2 AR-1221-3	4.784	0.000	35189	0	0.352	N.D. #
11)	L3 AR-1232-1	4.784	0.000	35189	0	0.416	N.D. #
12)	L3 AR-1232-2	5.343	0.000	128327	0	2.993	N.D. #
13)	L3 AR-1232-3	5.614	0.000	141468	0	1.947	N.D. #
14)	L3 AR-1232-4	5.788	0.000	13123	0	0.374	N.D. #
15)	L3 AR-1232-5	5.879	0.000	85381	0	2.590	N.D. #
16)	L4 AR-1242-1	5.583	0.000	35352	0	0.423	N.D. #
17)	L4 AR-1242-2	5.614	0.000	141468	0	1.125	N.D. #
18)	L4 AR-1242-3	5.686	0.000	27185	0	0.334	N.D. #
19)	L4 AR-1242-4	5.788	0.000	13123	0	0.214	N.D. #
20)	L4 AR-1242-5	6.530	0.000	383887	0	5.965	N.D. #
21)	L5 AR-1248-1	5.583	0.000	35352	0	0.566	N.D. #
22)	L5 AR-1248-2	5.879	0.000	85381	0	0.816	N.D. #
23)	L5 AR-1248-3	6.072	0.000	61923	0	0.559	N.D. #
24)	L5 AR-1248-4	6.490	0.000	128106	0	1.244	N.D. #
25)	L5 AR-1248-5	6.530	0.000	383887	0	3.530	N.D. #
26)	L6 AR-1254-1	6.464	0.000	177396	0	1.400	N.D. #
27)	L6 AR-1254-2	6.678	0.000	163476	0	0.855	N.D. #
28)	L6 AR-1254-3	7.046	0.000	448789	0	2.379	N.D. #
29)	L6 AR-1254-4	7.350	0.000	52418	0	0.463	N.D. #
30)	L6 AR-1254-5	7.781	0.000	9481	0	0.068	N.D. #
31)	L7 AR-1260-1	7.217	0.000	128727	0	0.868	N.D. #
32)	L7 AR-1260-2	7.465	0.000	178638	0	1.102	N.D. #
33)	L7 AR-1260-3	7.831	0.000	80527	0	0.616	N.D. #
34)	L7 AR-1260-4	8.077	0.000	221164	0	1.582	N.D. #
35)	L7 AR-1260-5	8.395	0.000	74579	0	0.305	N.D. #
36)	L8 AR-1262-1	7.831	6.836f	80527	332971	0.479	8.884 #
37)	L8 AR-1262-2	8.395	0.000	74579	0	0.297	N.D. #
38)	L8 AR-1262-3	8.705	0.000	172549	0	0.955	N.D. #
39)	L8 AR-1262-4	8.795	0.000	66695	0	0.718	N.D. #
40)	L8 AR-1262-5	9.485	0.000	153879	0	1.797	N.D. #
41)	L9 AR-1268-1	8.705	0.000	172549	0	0.510	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	8.795	0.000	66695	0	0.220	N.D.	#
43)	L9 AR-1268-3	9.028	0.000	84679	0	0.314	N.D.	#
44)	L9 AR-1268-4	9.485	0.000	153879	0	1.639	N.D.	#
45)	L9 AR-1268-5	9.900	0.000	155616	0	0.185	N.D.	#

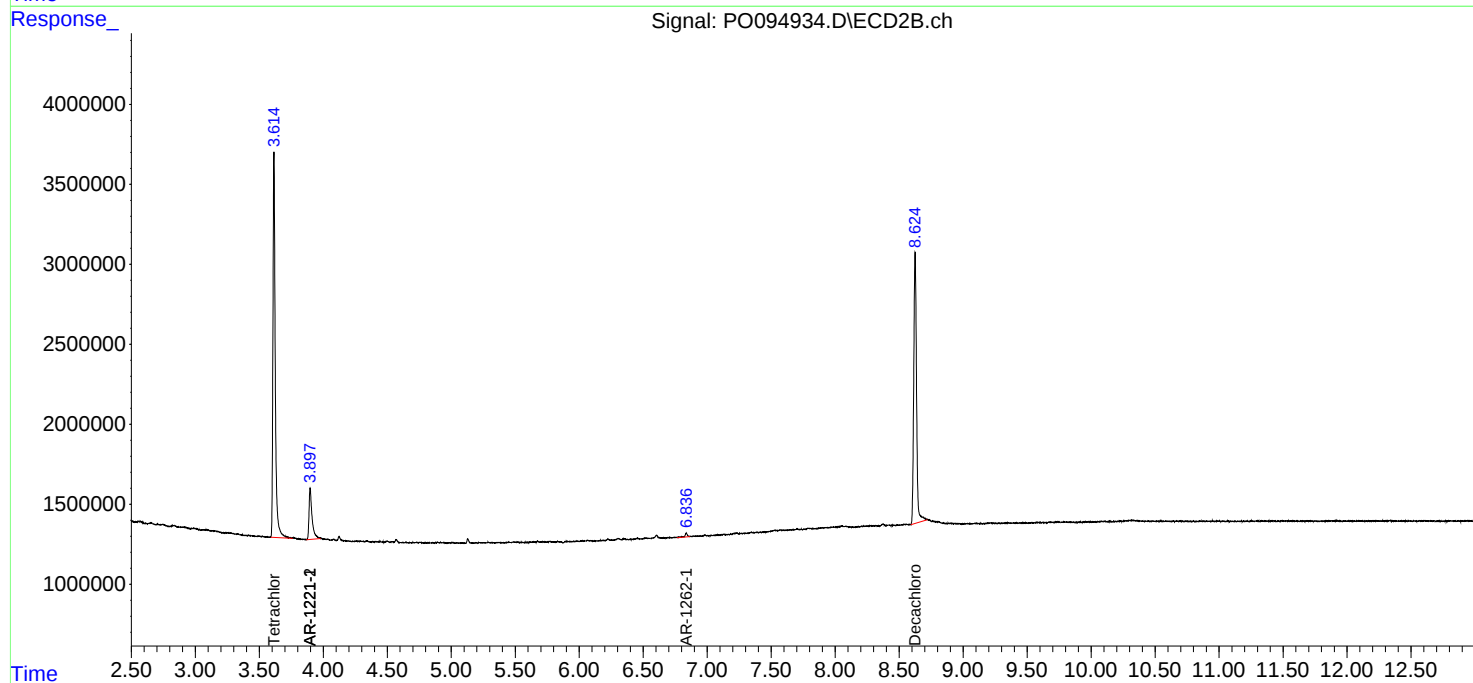
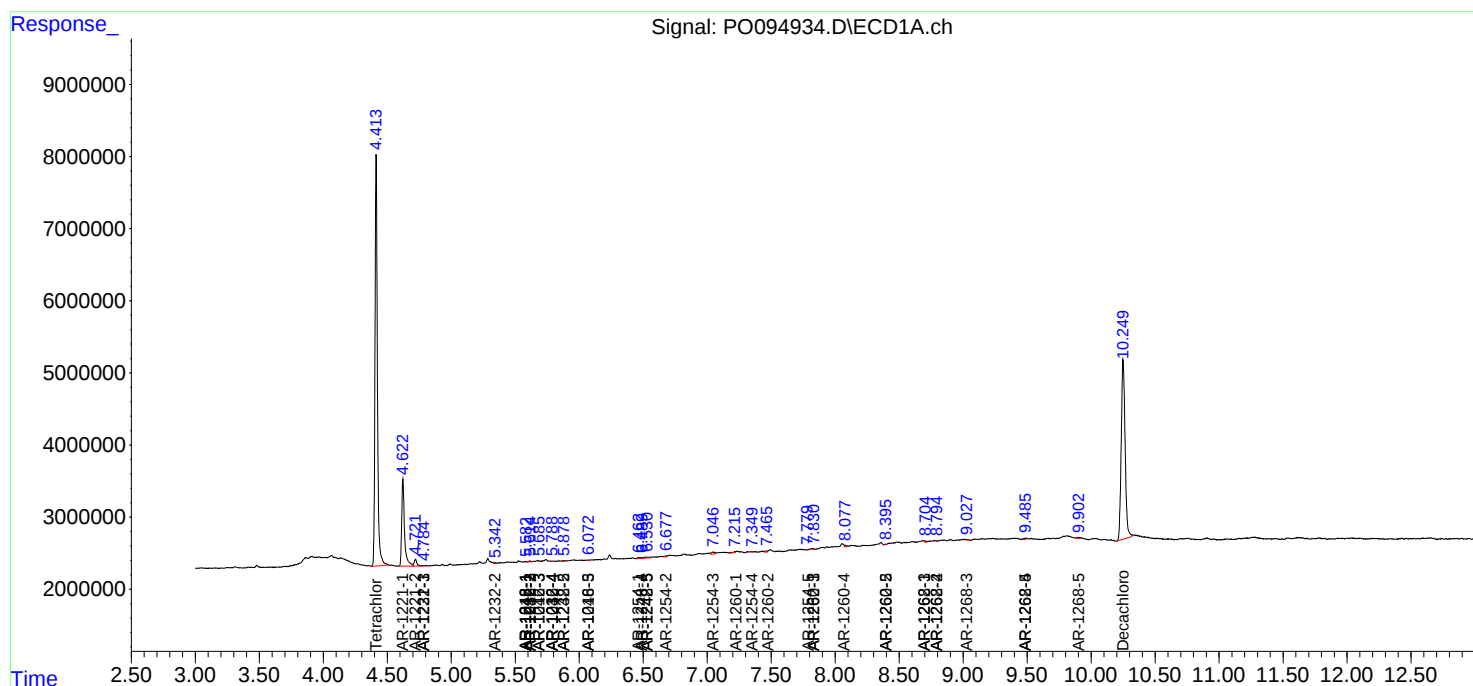
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

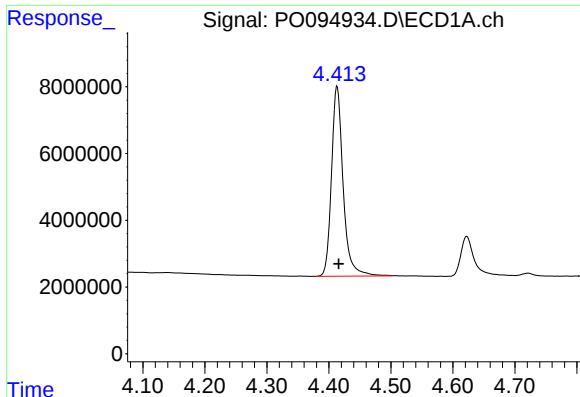
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0051023\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 May 2023 19:31
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Quant Title : GC EXTRACTABLES
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Response 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

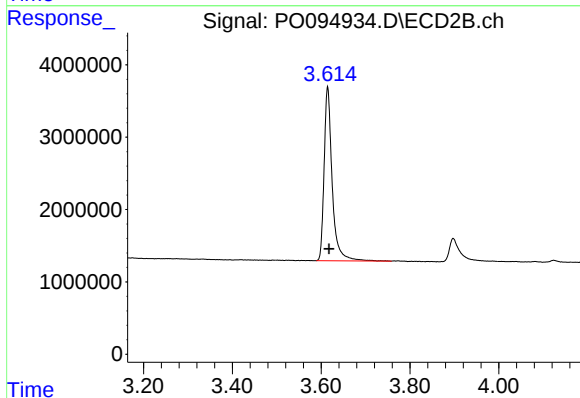




#1 Tetrachloro-m-xylene

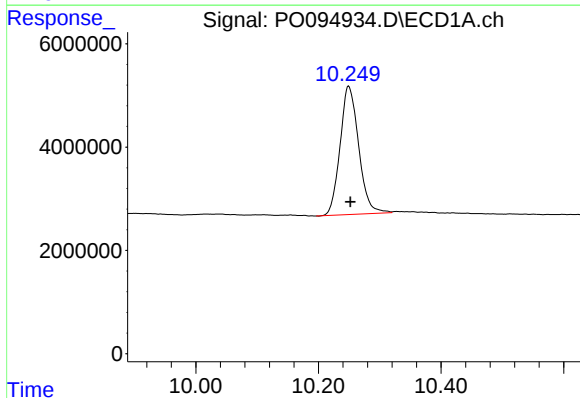
R.T.: 4.413 min
Delta R.T.: -0.003 min
Response: 74505100
Conc: 21.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



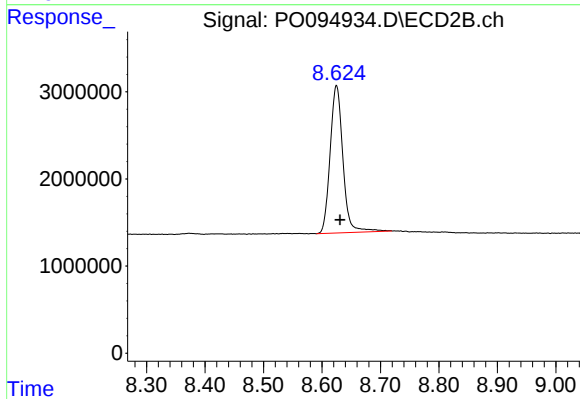
#1 Tetrachloro-m-xylene

R.T.: 3.615 min
Delta R.T.: -0.003 min
Response: 30250016
Conc: 22.61 ng/ml



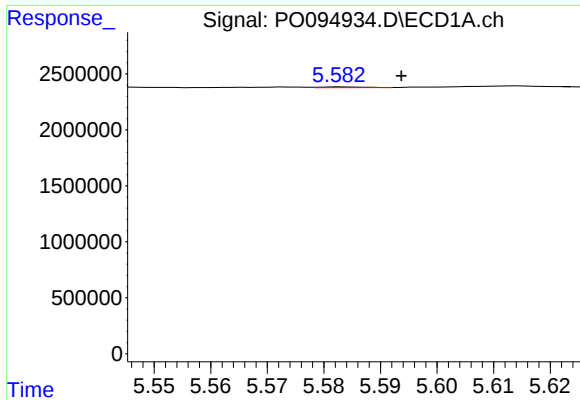
#2 Decachlorobiphenyl

R.T.: 10.249 min
Delta R.T.: -0.003 min
Response: 52261790
Conc: 21.53 ng/ml



#2 Decachlorobiphenyl

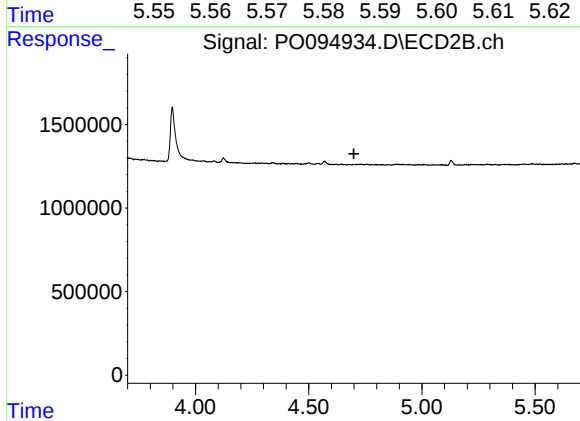
R.T.: 8.625 min
Delta R.T.: -0.006 min
Response: 25725465
Conc: 22.86 ng/ml



#3 AR-1016-1

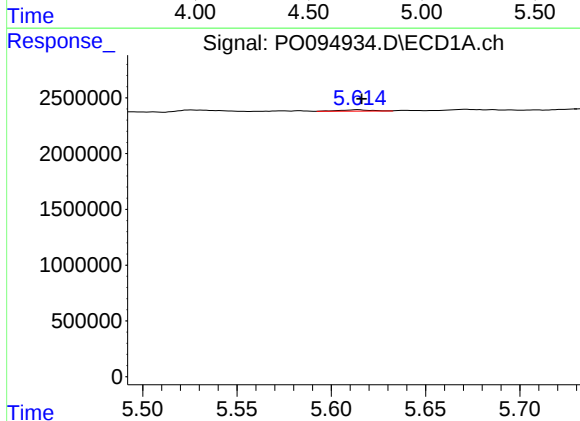
R.T.: 5.583 min
Delta R.T.: -0.011 min
Response: 35352
Conc: 0.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



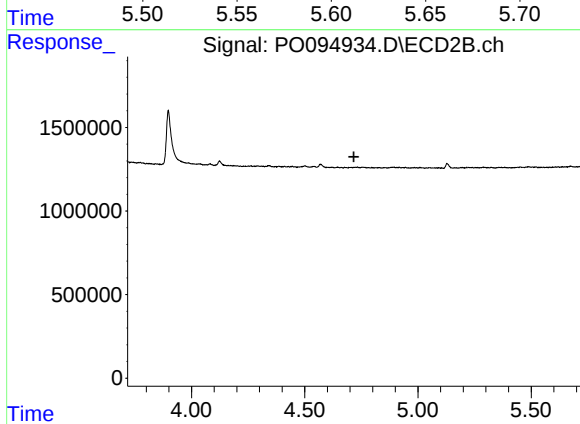
#3 AR-1016-1

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



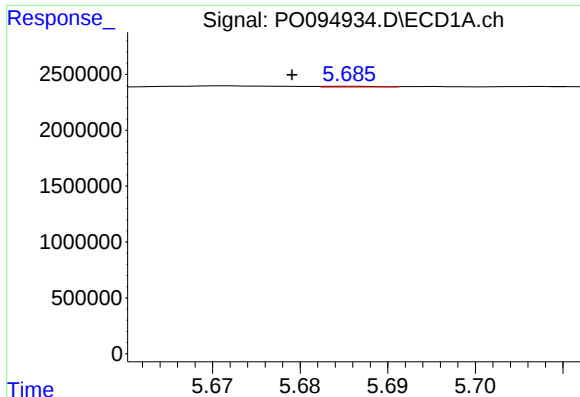
#4 AR-1016-2

R.T.: 5.614 min
Delta R.T.: -0.002 min
Response: 141468
Conc: 0.93 ng/ml



#4 AR-1016-2

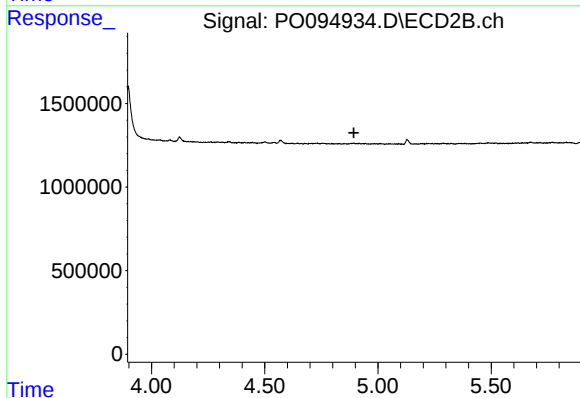
R.T.: 0.000 min
Exp R.T. : 4.717 min
Response: 0
Conc: N.D.



#5 AR-1016-3

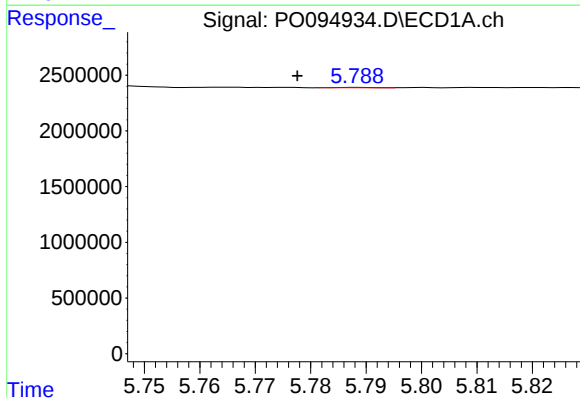
R.T.: 5.686 min
Delta R.T.: 0.007 min
Response: 27185
Conc: 0.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



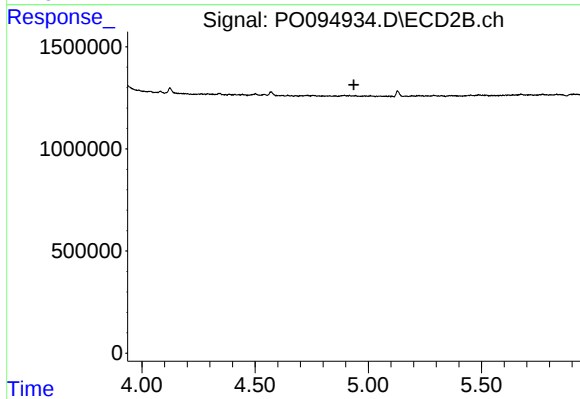
#5 AR-1016-3

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



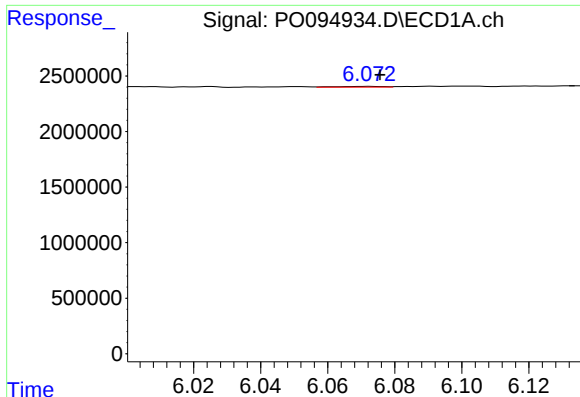
#6 AR-1016-4

R.T.: 5.788 min
Delta R.T.: 0.011 min
Response: 13123
Conc: 0.18 ng/ml



#6 AR-1016-4

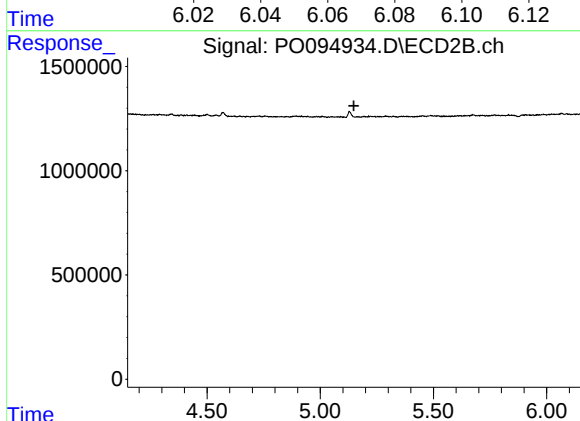
R.T.: 0.000 min
Exp R.T. : 4.936 min
Response: 0
Conc: N.D.



#7 AR-1016-5

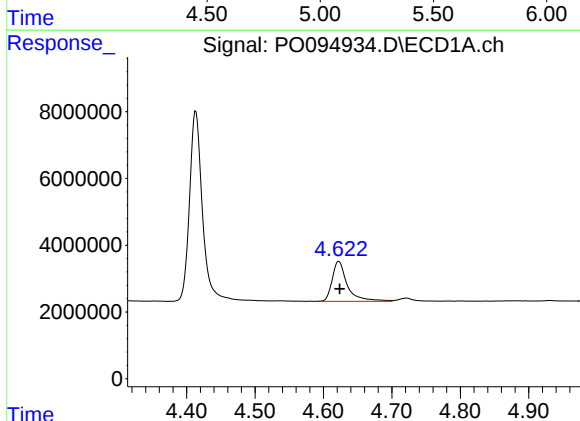
R.T.: 6.072 min
Delta R.T.: -0.003 min
Response: 61923
Conc: 0.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



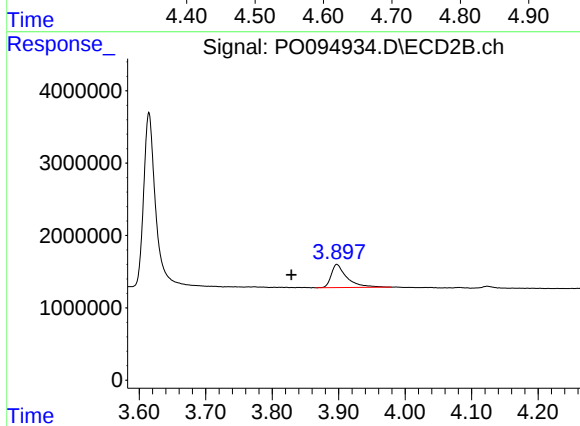
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.149 min
Response: 0
Conc: N.D.



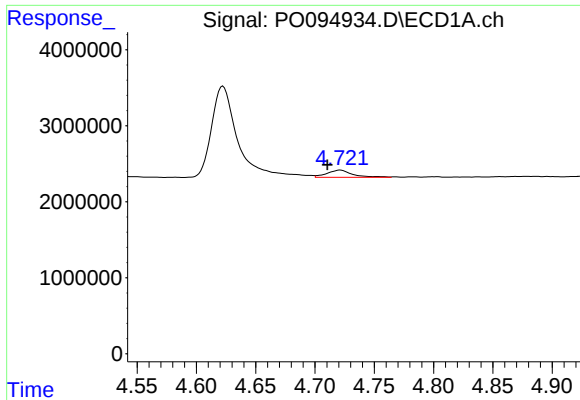
#8 AR-1221-1

R.T.: 4.622 min
Delta R.T.: -0.001 min
Response: 18442202
Conc: 415.76 ng/ml



#8 AR-1221-1

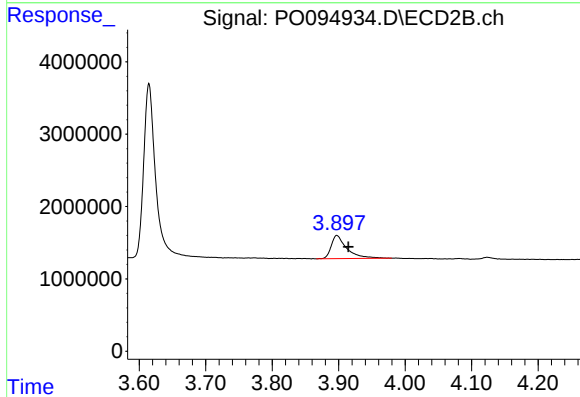
R.T.: 3.897 min
Delta R.T.: 0.068 min
Response: 5232540
Conc: 304.78 ng/ml



#9 AR-1221-2

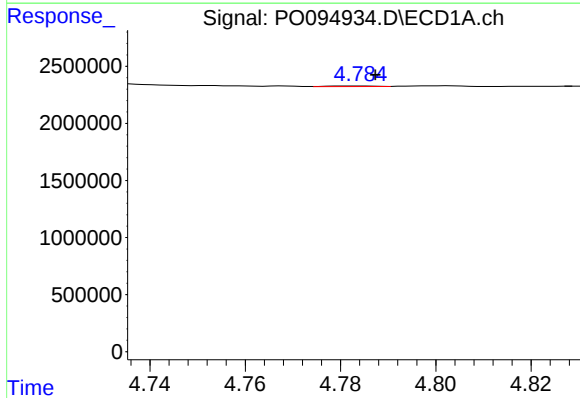
R.T.: 4.721 min
Delta R.T.: 0.011 min
Response: 1427081
Conc: 43.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



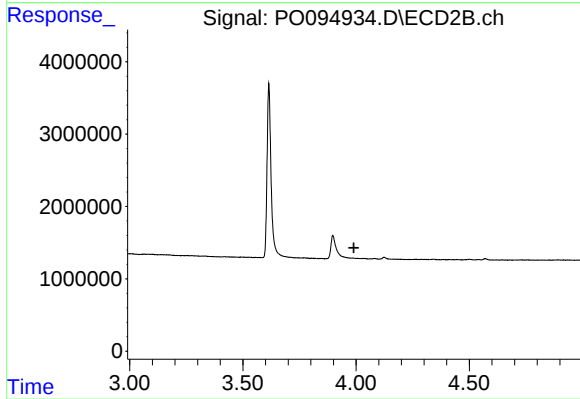
#9 AR-1221-2

R.T.: 3.897 min
Delta R.T.: -0.017 min
Response: 5232540
Conc: 411.08 ng/ml



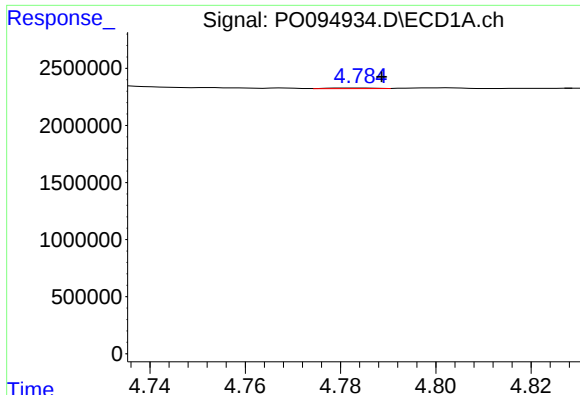
#10 AR-1221-3

R.T.: 4.784 min
Delta R.T.: -0.003 min
Response: 35189
Conc: 0.35 ng/ml



#10 AR-1221-3

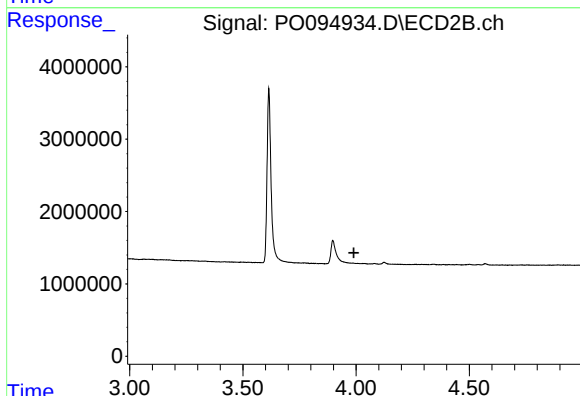
R.T.: 0.000 min
Exp R.T. : 3.990 min
Response: 0
Conc: N.D.



#11 AR-1232-1

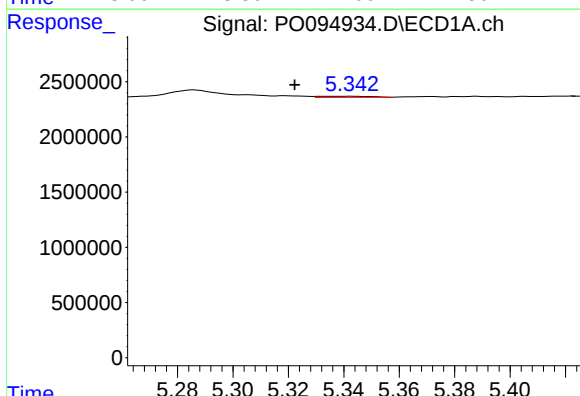
R.T.: 4.784 min
Delta R.T.: -0.005 min
Response: 35189
Conc: 0.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



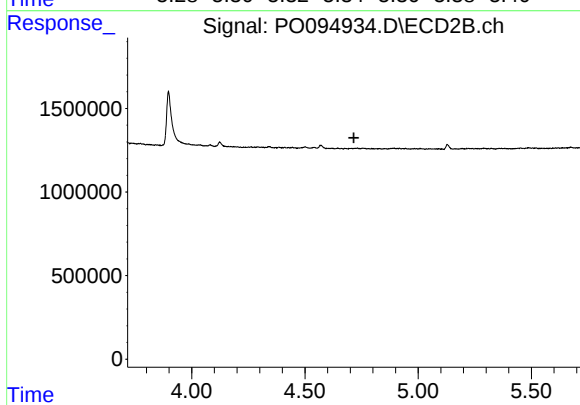
#11 AR-1232-1

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



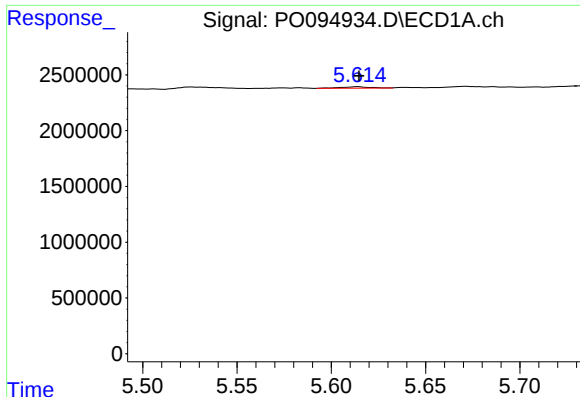
#12 AR-1232-2

R.T.: 5.343 min
Delta R.T.: 0.021 min
Response: 128327
Conc: 2.99 ng/ml



#12 AR-1232-2

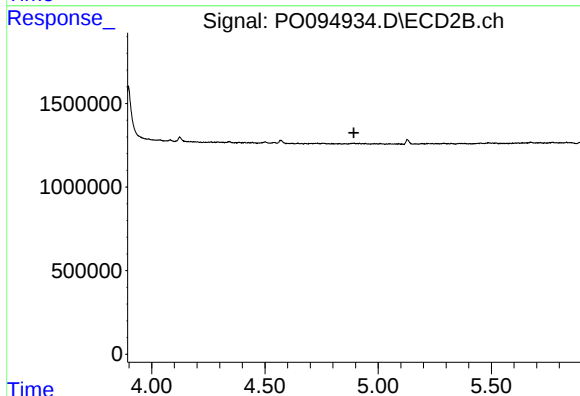
R.T.: 0.000 min
Exp R.T. : 4.716 min
Response: 0
Conc: N.D.



#13 AR-1232-3

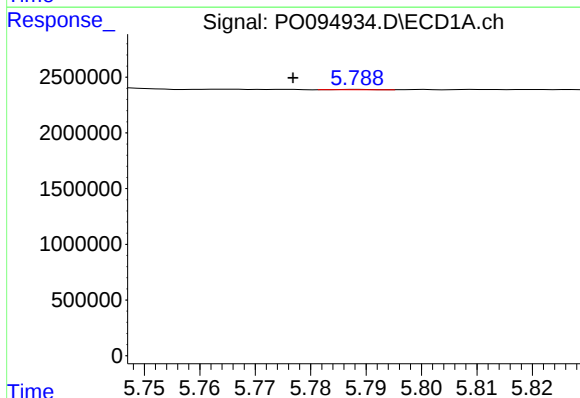
R.T.: 5.614 min
Delta R.T.: 0.000 min
Response: 141468
Conc: 1.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



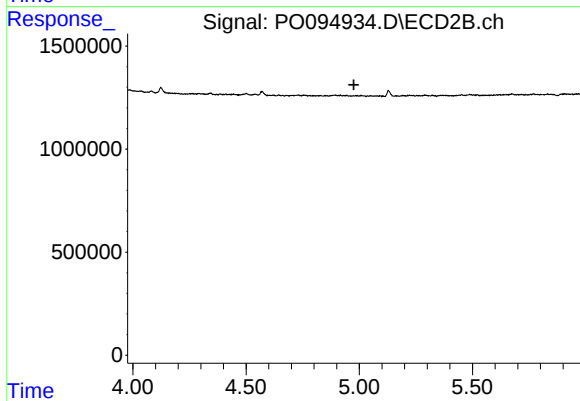
#13 AR-1232-3

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



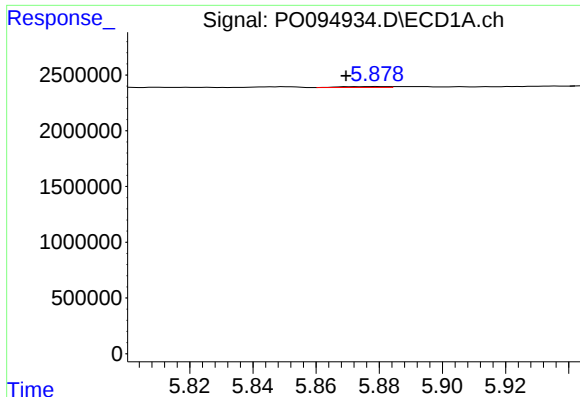
#14 AR-1232-4

R.T.: 5.788 min
Delta R.T.: 0.011 min
Response: 13123
Conc: 0.37 ng/ml



#14 AR-1232-4

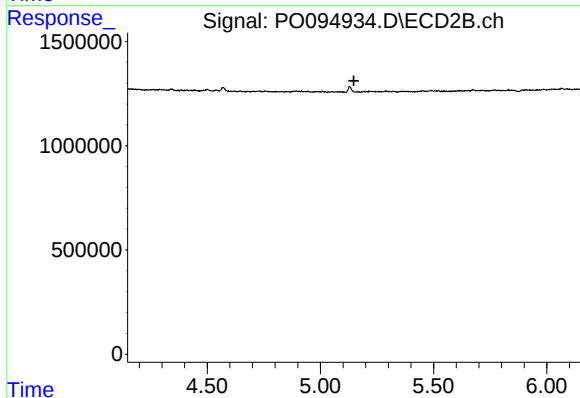
R.T.: 0.000 min
Exp R.T. : 4.977 min
Response: 0
Conc: N.D.



#15 AR-1232-5

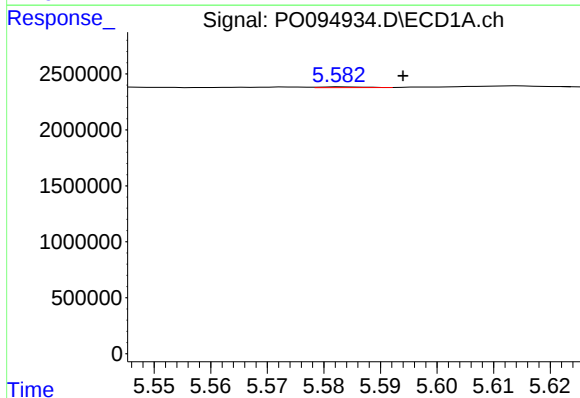
R.T.: 5.879 min
Delta R.T.: 0.010 min
Response: 85381
Conc: 2.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



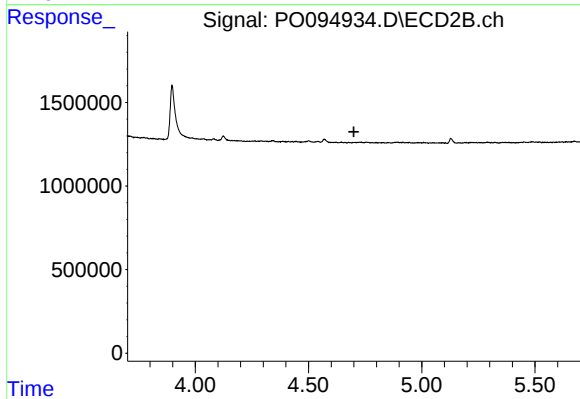
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.148 min
Response: 0
Conc: N.D.



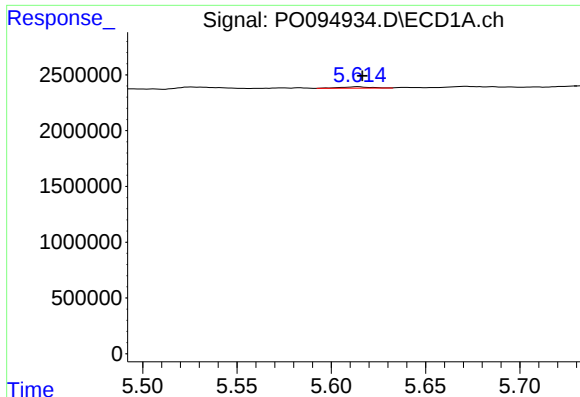
#16 AR-1242-1

R.T.: 5.583 min
Delta R.T.: -0.011 min
Response: 35352
Conc: 0.42 ng/ml



#16 AR-1242-1

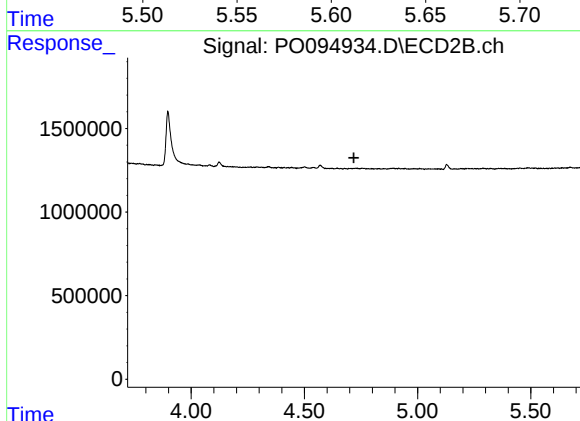
R.T.: 0.000 min
Exp R.T. : 4.700 min
Response: 0
Conc: N.D.



#17 AR-1242-2

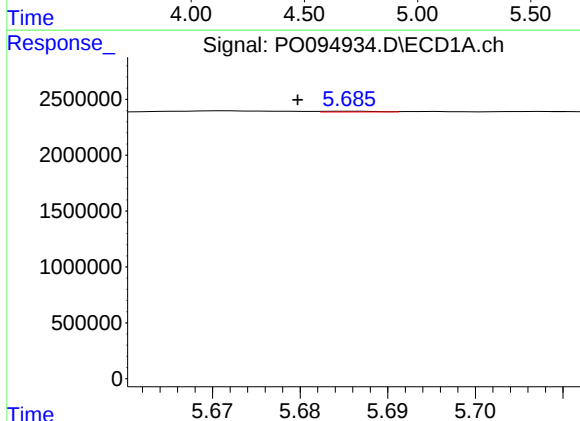
R.T.: 5.614 min
Delta R.T.: -0.002 min
Response: 141468
Conc: 1.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



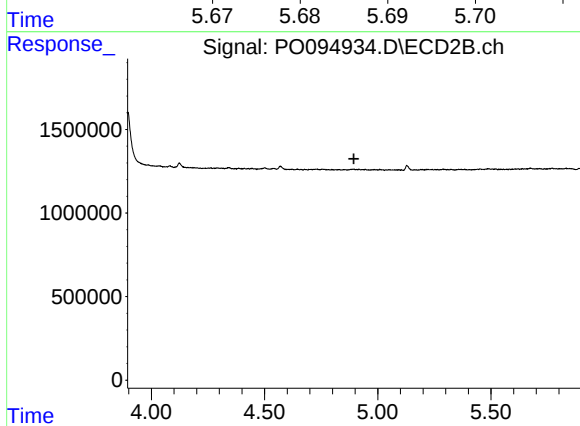
#17 AR-1242-2

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



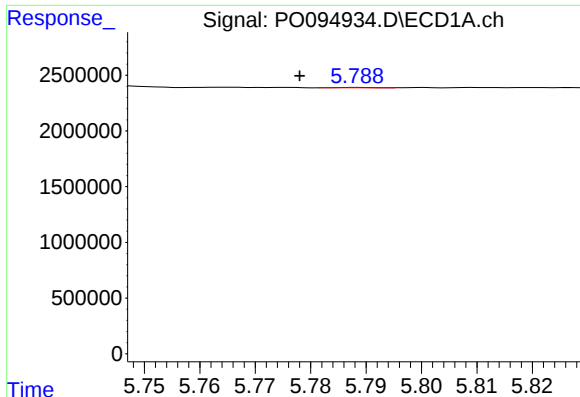
#18 AR-1242-3

R.T.: 5.686 min
Delta R.T.: 0.006 min
Response: 27185
Conc: 0.33 ng/ml



#18 AR-1242-3

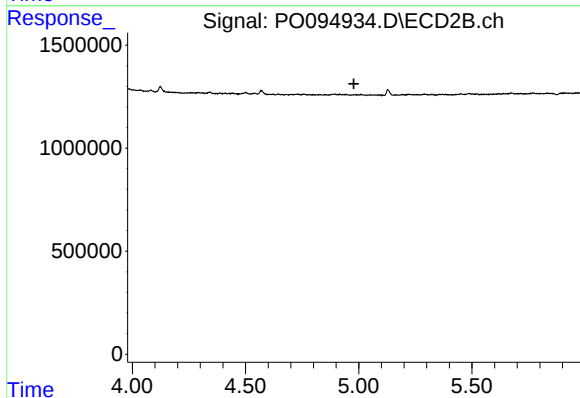
R.T.: 0.000 min
Exp R.T. : 4.895 min
Response: 0
Conc: N.D.



#19 AR-1242-4

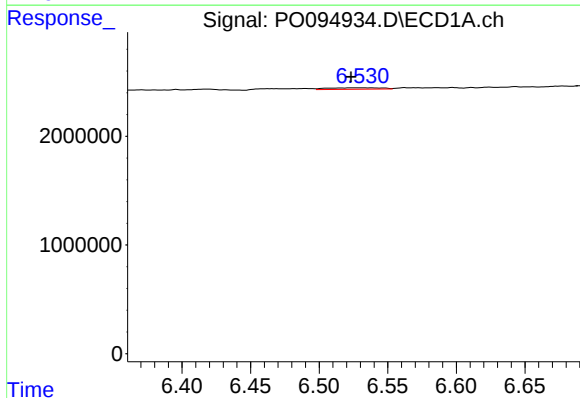
R.T.: 5.788 min
Delta R.T.: 0.010 min
Response: 13123
Conc: 0.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



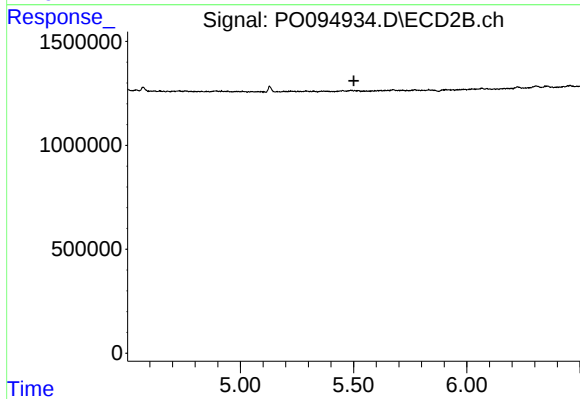
#19 AR-1242-4

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



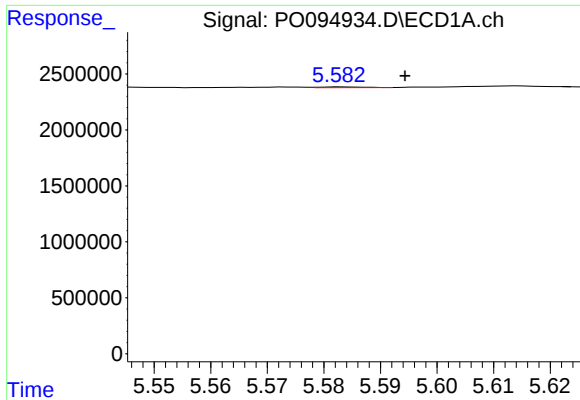
#20 AR-1242-5

R.T.: 6.530 min
Delta R.T.: 0.007 min
Response: 383887
Conc: 5.97 ng/ml



#20 AR-1242-5

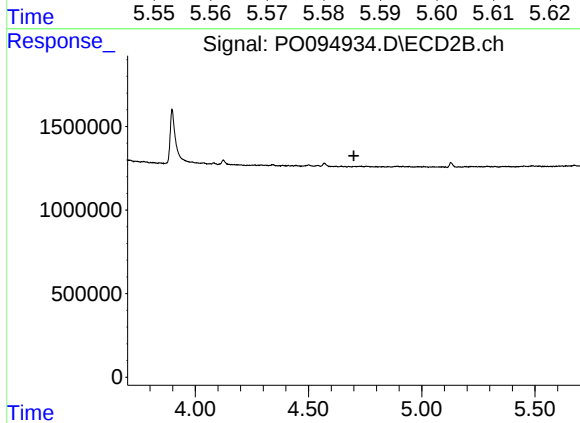
R.T.: 0.000 min
Exp R.T. : 5.501 min
Response: 0
Conc: N.D.



#21 AR-1248-1

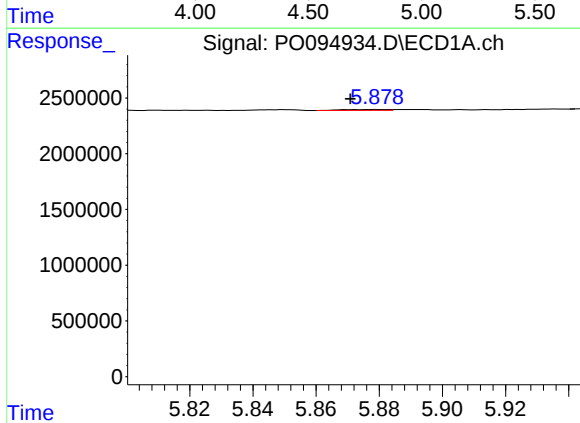
R.T.: 5.583 min
Delta R.T.: -0.011 min
Response: 35352
Conc: 0.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



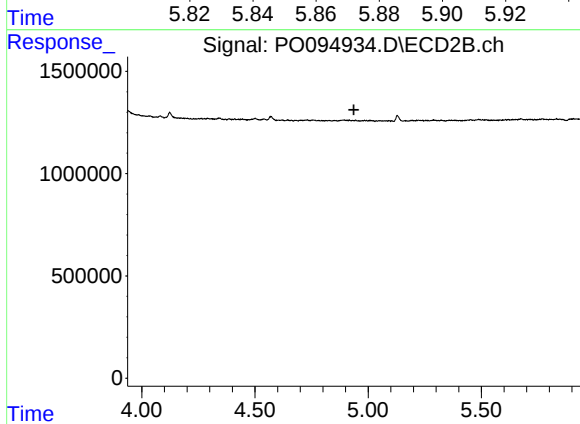
#21 AR-1248-1

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



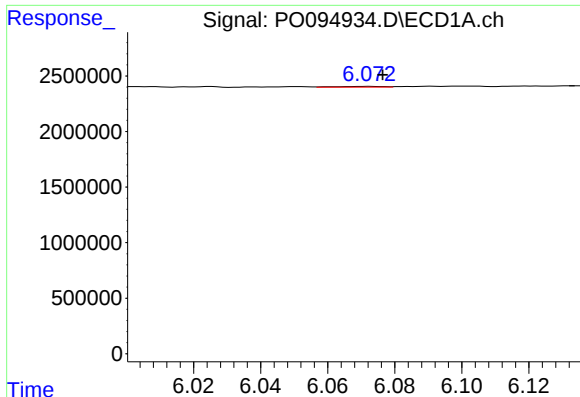
#22 AR-1248-2

R.T.: 5.879 min
Delta R.T.: 0.008 min
Response: 85381
Conc: 0.82 ng/ml



#22 AR-1248-2

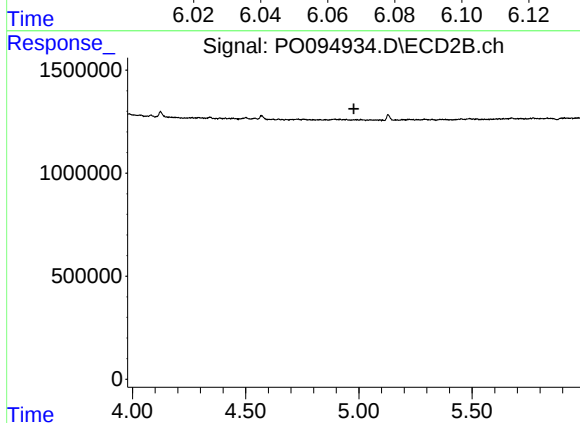
R.T.: 0.000 min
Exp R.T. : 4.937 min
Response: 0
Conc: N.D.



#23 AR-1248-3

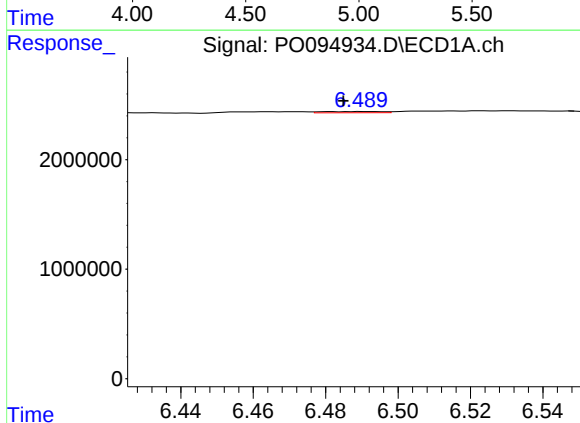
R.T.: 6.072 min
Delta R.T.: -0.004 min
Response: 61923
Conc: 0.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



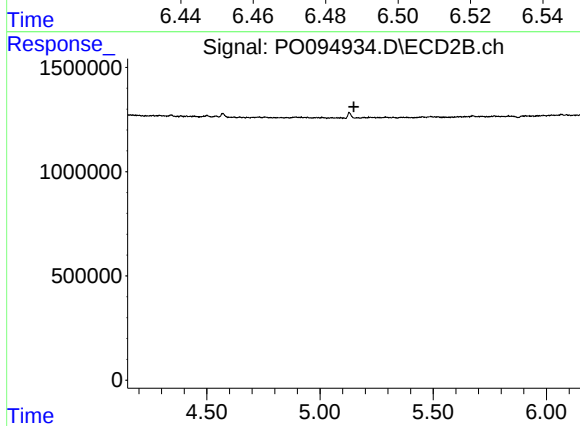
#23 AR-1248-3

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



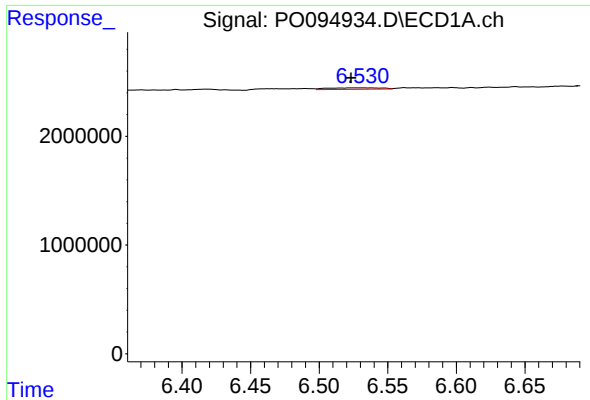
#24 AR-1248-4

R.T.: 6.490 min
Delta R.T.: 0.006 min
Response: 128106
Conc: 1.24 ng/ml



#24 AR-1248-4

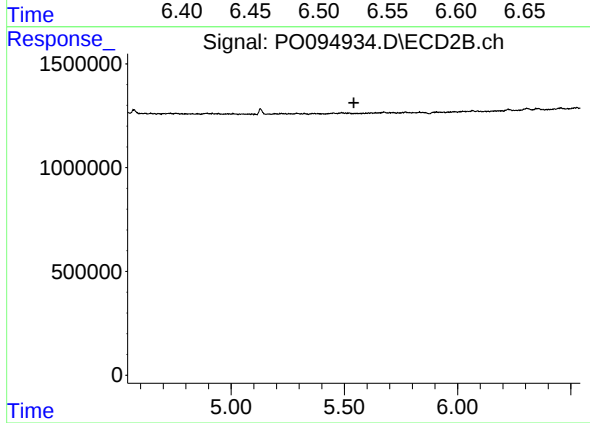
R.T.: 0.000 min
Exp R.T. : 5.150 min
Response: 0
Conc: N.D.



#25 AR-1248-5

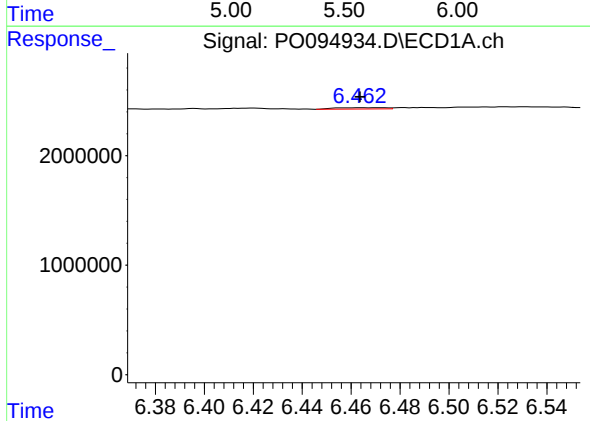
R.T.: 6.530 min
Delta R.T.: 0.007 min
Response: 383887
Conc: 3.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



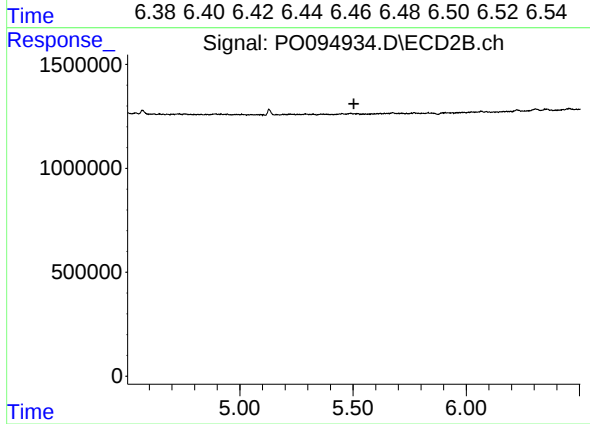
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.542 min
Response: 0
Conc: N.D.



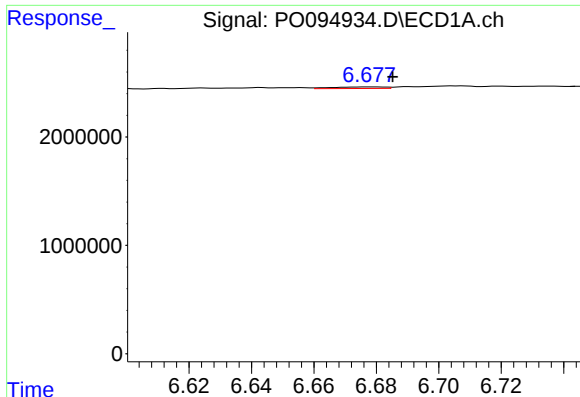
#26 AR-1254-1

R.T.: 6.464 min
Delta R.T.: 0.000 min
Response: 177396
Conc: 1.40 ng/ml



#26 AR-1254-1

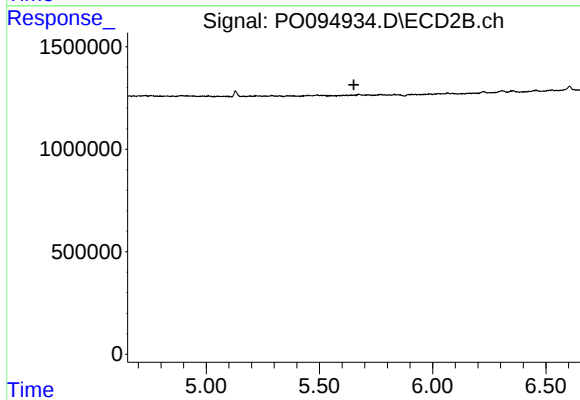
R.T.: 0.000 min
Exp R.T. : 5.504 min
Response: 0
Conc: N.D.



#27 AR-1254-2

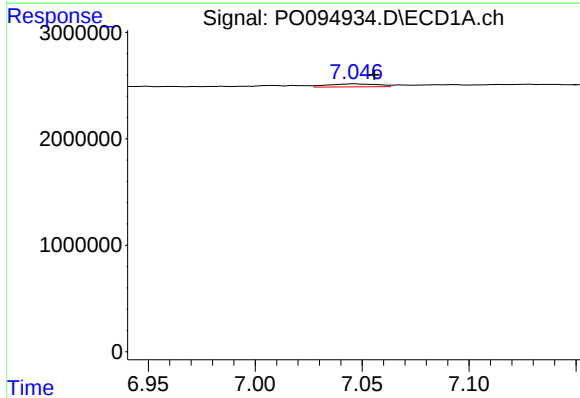
R.T.: 6.678 min
Delta R.T.: -0.007 min
Response: 163476
Conc: 0.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



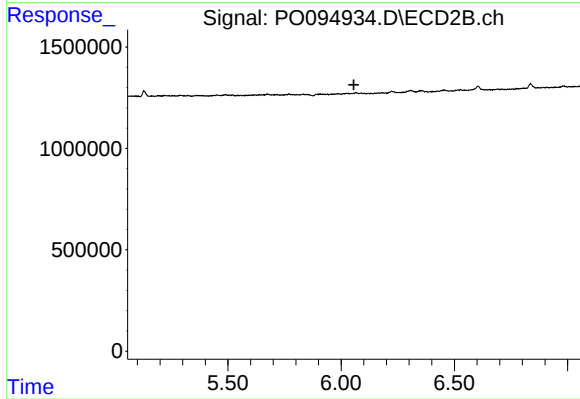
#27 AR-1254-2

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



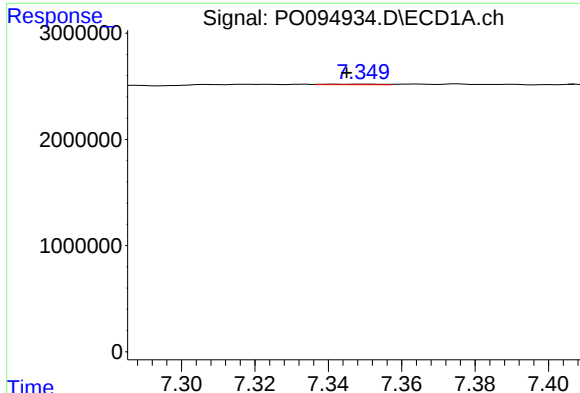
#28 AR-1254-3

R.T.: 7.046 min
Delta R.T.: -0.009 min
Response: 448789
Conc: 2.38 ng/ml



#28 AR-1254-3

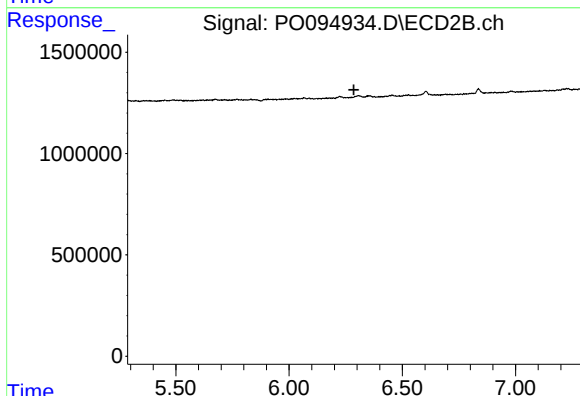
R.T.: 0.000 min
Exp R.T. : 6.056 min
Response: 0
Conc: N.D.



#29 AR-1254-4

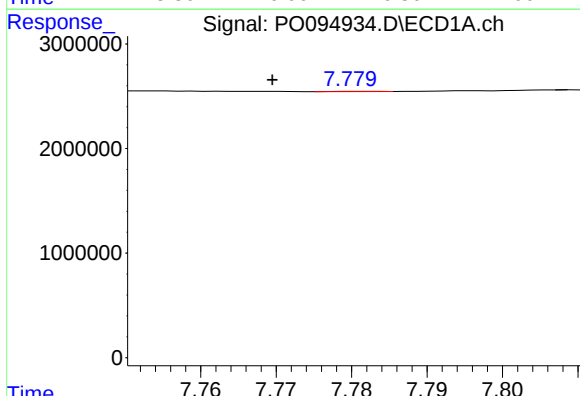
R.T.: 7.350 min
Delta R.T.: 0.005 min
Response: 52418
Conc: 0.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



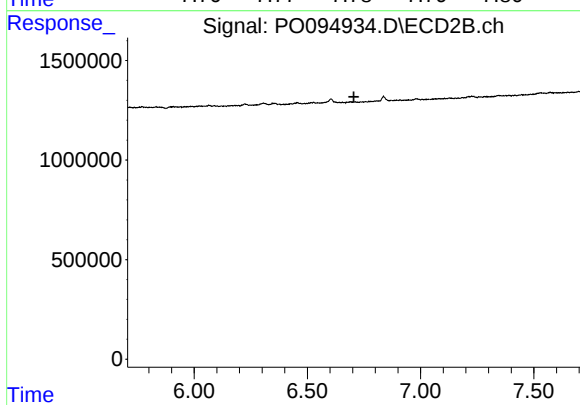
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.286 min
Response: 0
Conc: N.D.



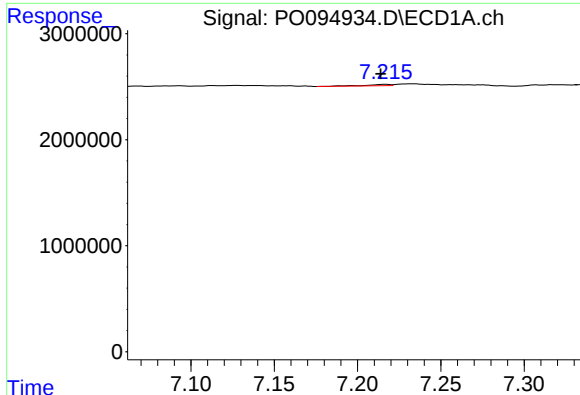
#30 AR-1254-5

R.T.: 7.781 min
Delta R.T.: 0.012 min
Response: 9481
Conc: 0.07 ng/ml



#30 AR-1254-5

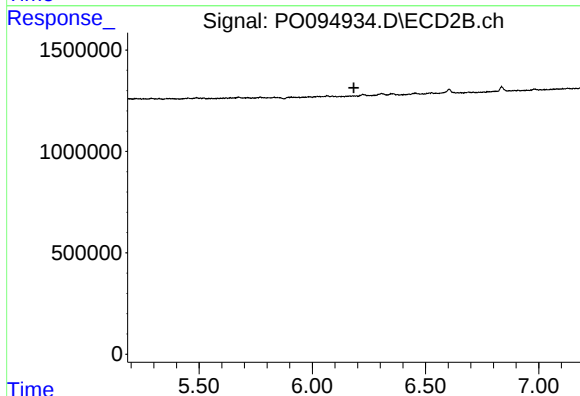
R.T.: 0.000 min
Exp R.T. : 6.706 min
Response: 0
Conc: N.D.



#31 AR-1260-1

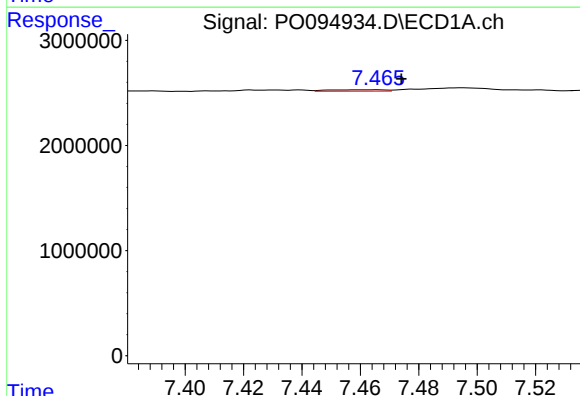
R.T.: 7.217 min
Delta R.T.: 0.003 min
Response: 128727
Conc: 0.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



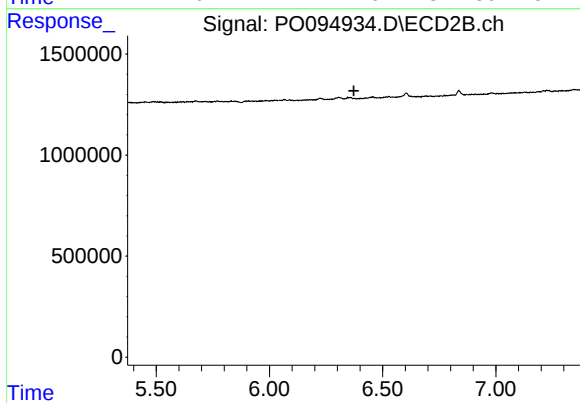
#31 AR-1260-1

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



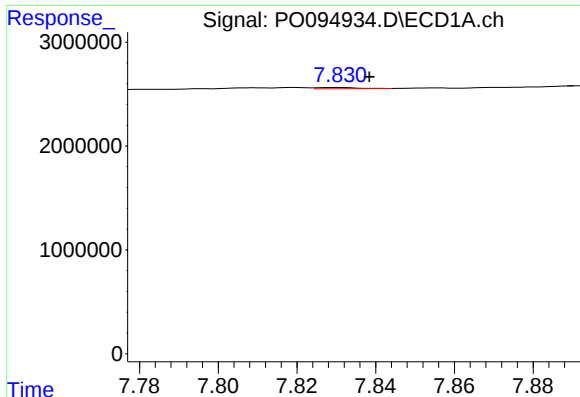
#32 AR-1260-2

R.T.: 7.465 min
Delta R.T.: -0.009 min
Response: 178638
Conc: 1.10 ng/ml



#32 AR-1260-2

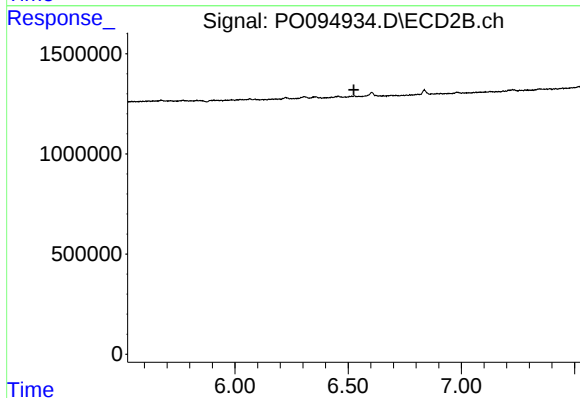
R.T.: 0.000 min
Exp R.T. : 6.373 min
Response: 0
Conc: N.D.



#33 AR-1260-3

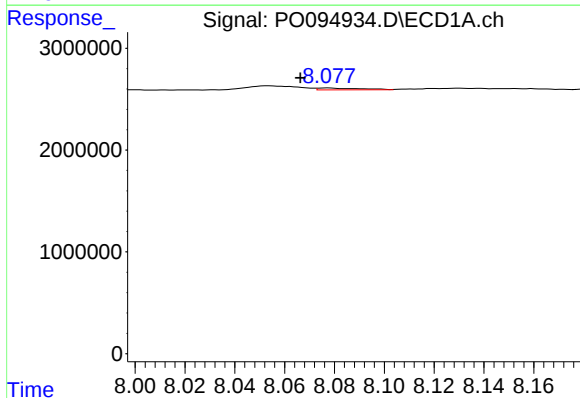
R.T.: 7.831 min
Delta R.T.: -0.008 min
Response: 80527
Conc: 0.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



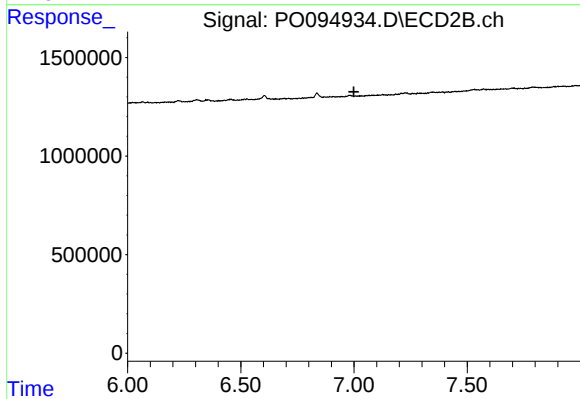
#33 AR-1260-3

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



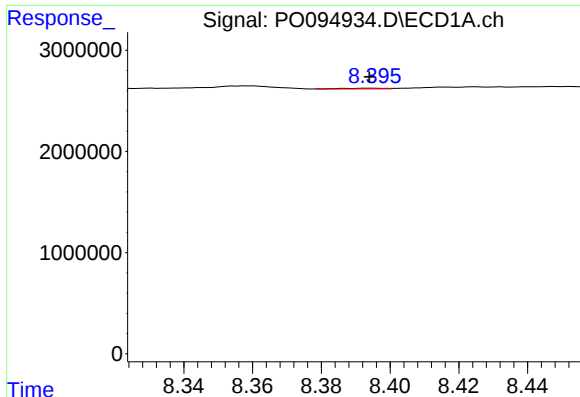
#34 AR-1260-4

R.T.: 8.077 min
Delta R.T.: 0.011 min
Response: 221164
Conc: 1.58 ng/ml



#34 AR-1260-4

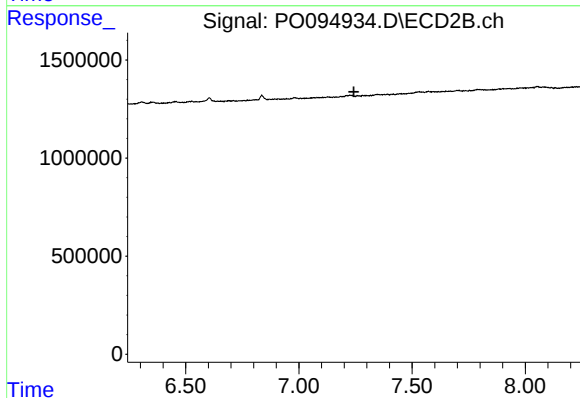
R.T.: 0.000 min
Exp R.T. : 6.999 min
Response: 0
Conc: N.D.



#35 AR-1260-5

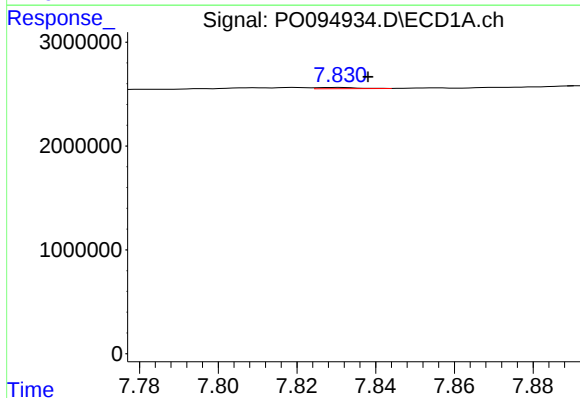
R.T.: 8.395 min
Delta R.T.: 0.001 min
Response: 74579
Conc: 0.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



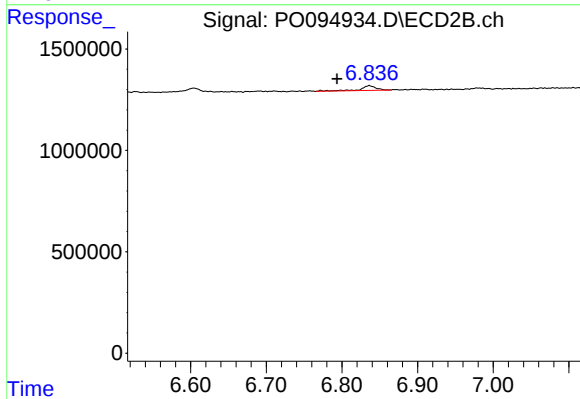
#35 AR-1260-5

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



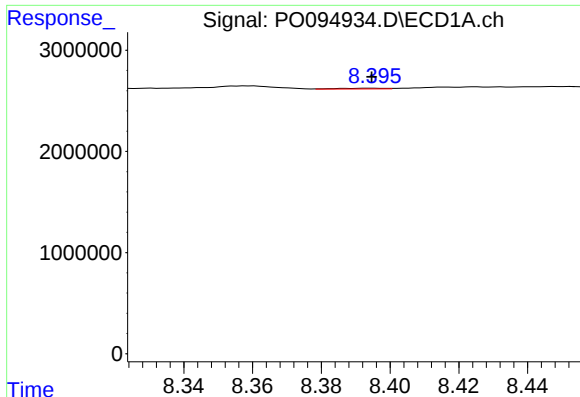
#36 AR-1262-1

R.T.: 7.831 min
Delta R.T.: -0.007 min
Response: 80527
Conc: 0.48 ng/ml



#36 AR-1262-1

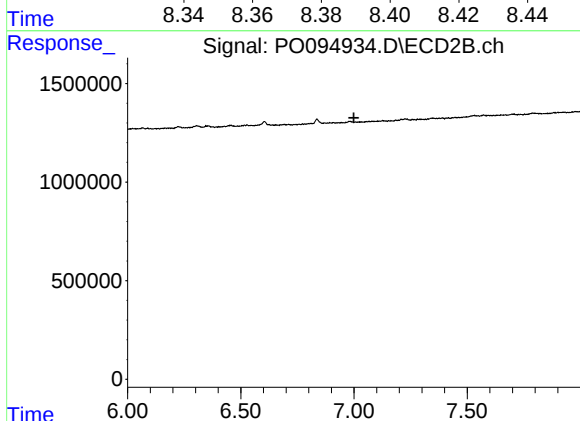
R.T.: 6.836 min
Delta R.T.: 0.043 min
Response: 332971
Conc: 8.88 ng/ml



#37 AR-1262-2

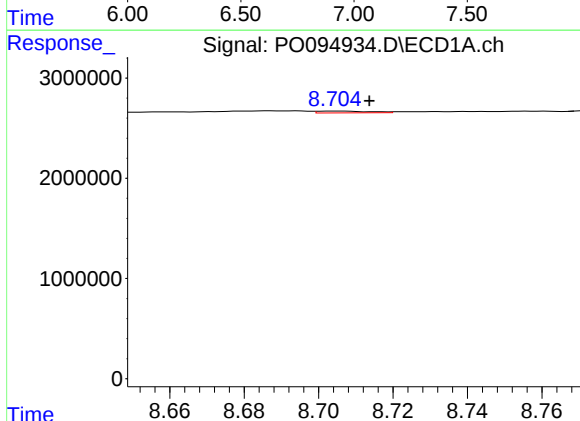
R.T.: 8.395 min
Delta R.T.: 0.000 min
Response: 74579
Conc: 0.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



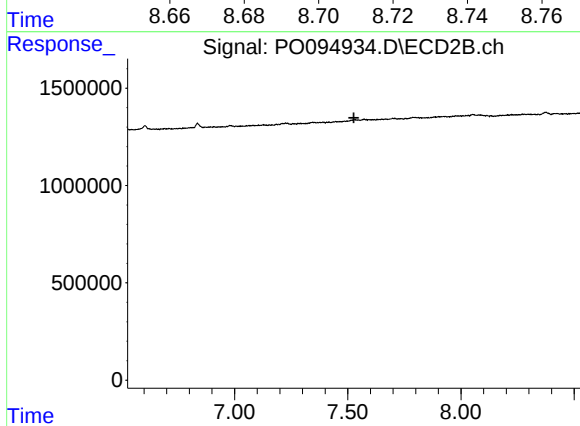
#37 AR-1262-2

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



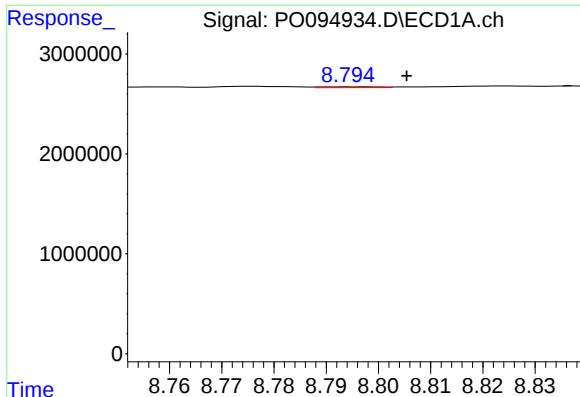
#38 AR-1262-3

R.T.: 8.705 min
Delta R.T.: -0.009 min
Response: 172549
Conc: 0.96 ng/ml



#38 AR-1262-3

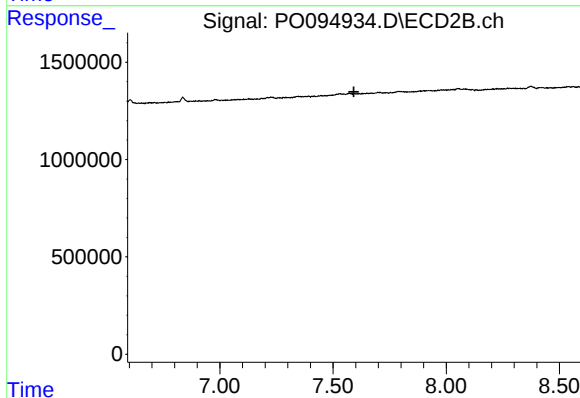
R.T.: 0.000 min
Exp R.T. : 7.527 min
Response: 0
Conc: N.D.



#39 AR-1262-4

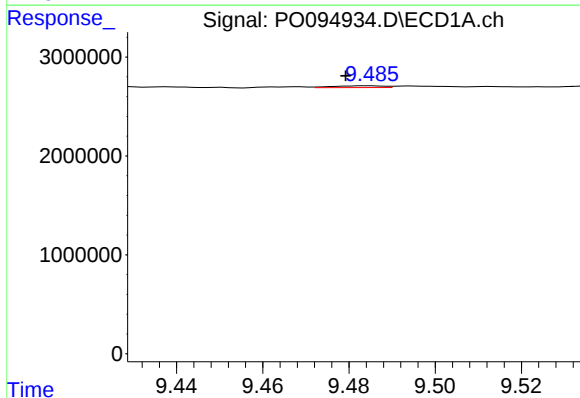
R.T.: 8.795 min
Delta R.T.: -0.010 min
Response: 66695
Conc: 0.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



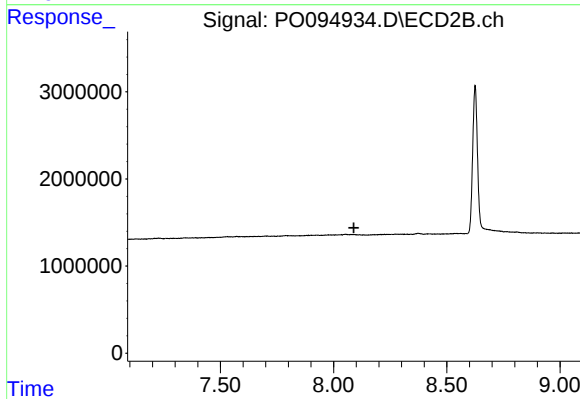
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.592 min
Response: 0
Conc: N.D.



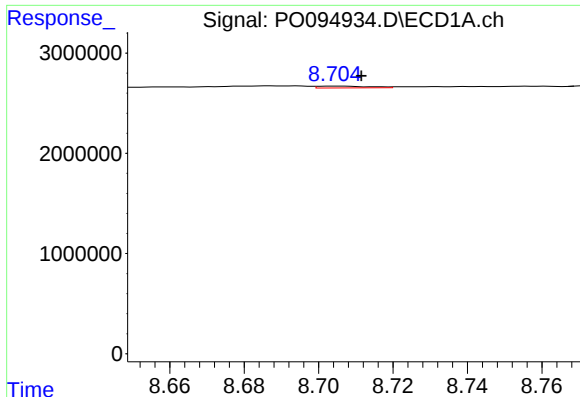
#40 AR-1262-5

R.T.: 9.485 min
Delta R.T.: 0.005 min
Response: 153879
Conc: 1.80 ng/ml



#40 AR-1262-5

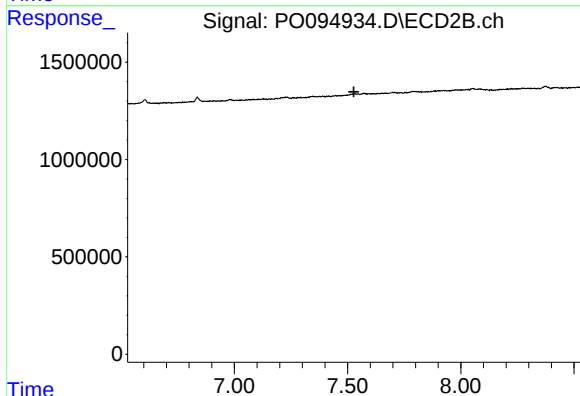
R.T.: 0.000 min
Exp R.T. : 8.089 min
Response: 0
Conc: N.D.



#41 AR-1268-1

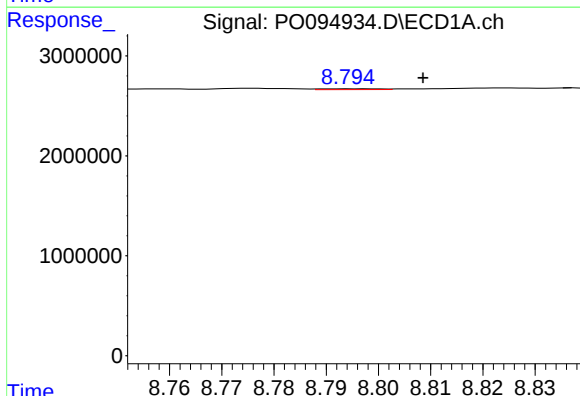
R.T.: 8.705 min
Delta R.T.: -0.007 min
Response: 172549
Conc: 0.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



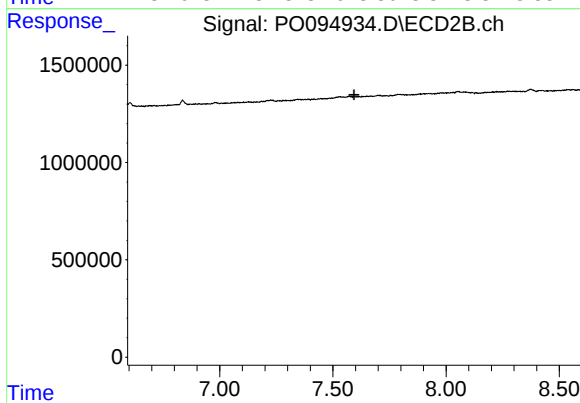
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.528 min
Response: 0
Conc: N.D.



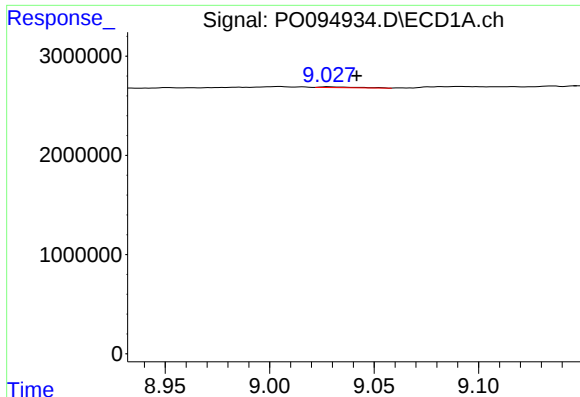
#42 AR-1268-2

R.T.: 8.795 min
Delta R.T.: -0.014 min
Response: 66695
Conc: 0.22 ng/ml



#42 AR-1268-2

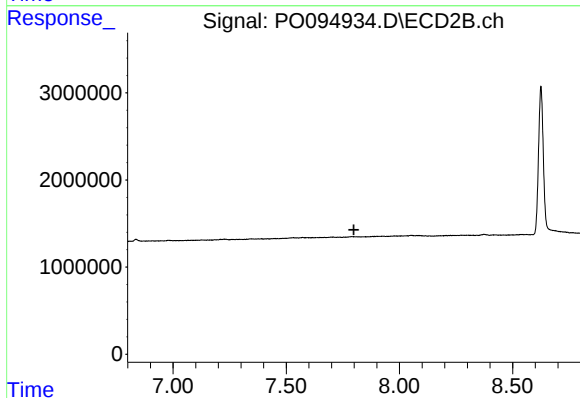
R.T.: 0.000 min
Exp R.T. : 7.593 min
Response: 0
Conc: N.D.



#43 AR-1268-3

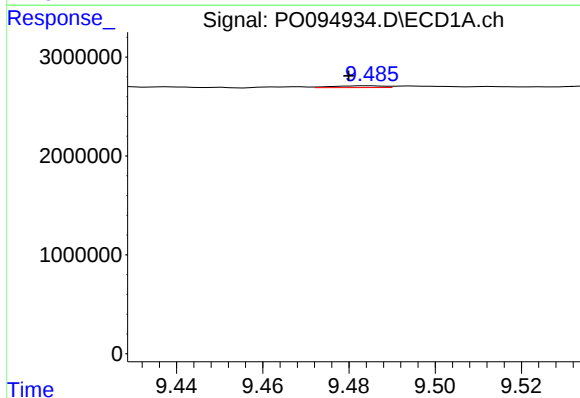
R.T.: 9.028 min
Delta R.T.: -0.014 min
Response: 84679
Conc: 0.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



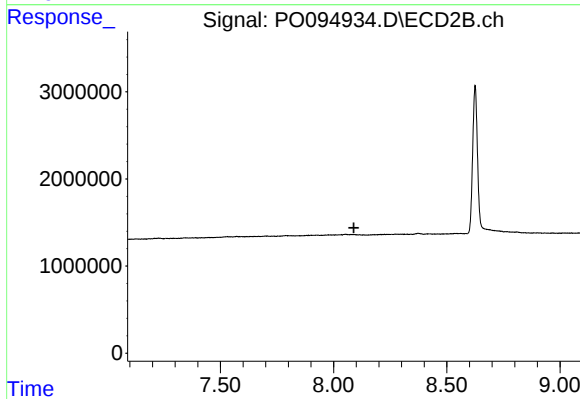
#43 AR-1268-3

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



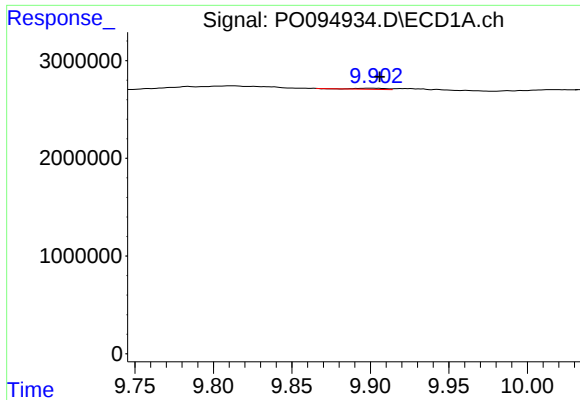
#44 AR-1268-4

R.T.: 9.485 min
Delta R.T.: 0.005 min
Response: 153879
Conc: 1.64 ng/ml



#44 AR-1268-4

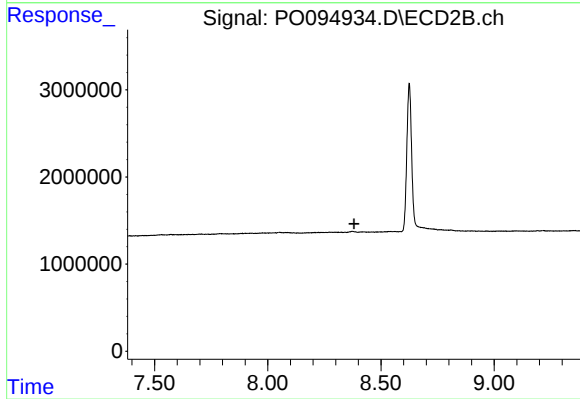
R.T.: 0.000 min
Exp R.T. : 8.089 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.900 min
Delta R.T.: -0.005 min
Response: 155616
Conc: 0.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

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