

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0042123\
 Data File : P0094486.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2023 10:39
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 21:37:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0041923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 20 05:15:06 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.417	3.620	67089775	26368752	20.855	20.414
2)	SA Decachlor...	10.259	8.636	53062981	24733837	24.825	24.833
Target Compounds							
3)	L1 AR-1016-1	5.596	0.000	48572	0	0.534	N.D. #
4)	L1 AR-1016-2	5.614	0.000	22493	0	0.160	N.D. #
5)	L1 AR-1016-3	5.679	0.000	288407	0	3.194	N.D. #
6)	L1 AR-1016-4	5.768	0.000	1119	0	0.016	N.D. #
7)	L1 AR-1016-5	6.074	5.167	502629	490841	6.577	14.050 #
8)	L2 AR-1221-1	4.628	0.000	61141	0	1.489	N.D. #
9)	L2 AR-1221-2	4.724	3.918	921296	387906	30.430	31.414
10)	L2 AR-1221-3	4.781	0.000	46822	0	0.499	N.D. #
11)	L3 AR-1232-1	4.781	0.000	46822	0	0.590	N.D. #
12)	L3 AR-1232-2	5.332	0.000	46100	0	1.173	N.D. #
13)	L3 AR-1232-3	5.614	0.000	22493	0	0.336	N.D. #
14)	L3 AR-1232-4	5.768	0.000	1119	0	0.035	N.D. #
15)	L3 AR-1232-5	5.862	5.167	124417	490841	4.124	30.241 #
16)	L4 AR-1242-1	5.596	0.000	48572	0	0.614	N.D. #
17)	L4 AR-1242-2	5.614	0.000	22493	0	0.185	N.D. #
18)	L4 AR-1242-3	5.679	0.000	288407	0	3.680	N.D. #
19)	L4 AR-1242-4	5.768	0.000	1119	0	0.019	N.D. #
20)	L4 AR-1242-5	6.542	0.000	2379797	0	39.802	N.D. #
21)	L5 AR-1248-1	5.596	0.000	48572	0	0.806	N.D. #
22)	L5 AR-1248-2	5.862	0.000	124417	0	1.206	N.D. #
23)	L5 AR-1248-3	6.074	0.000	502629	0	4.575	N.D. #
24)	L5 AR-1248-4	6.485	5.167	397269	490841	4.056	10.133 #
25)	L5 AR-1248-5	6.503	0.000	410123	0	3.908	N.D. #
26)	L6 AR-1254-1	6.463	0.000	1255773	0	10.155	N.D. #
27)	L6 AR-1254-2	6.686	0.000	367461	0	2.030	N.D. #
28)	L6 AR-1254-3	7.047	0.000	441255	0	2.587	N.D. #
29)	L6 AR-1254-4	7.348	0.000	150100	0	1.593	N.D. #
30)	L6 AR-1254-5	7.760	0.000	14699	0	0.123	N.D. #
31)	L7 AR-1260-1	7.225	0.000	62608	0	0.468	N.D. #
32)	L7 AR-1260-2	7.458	0.000	176809	0	1.263	N.D. #
33)	L7 AR-1260-3	7.846	0.000	68613	0	0.602	N.D. #
34)	L7 AR-1260-4	8.071	0.000	39874	0	0.333	N.D. #
35)	L7 AR-1260-5	8.420	0.000	957448	0	4.643	N.D. #
36)	L8 AR-1262-1	7.846	0.000	68613	0	0.427	N.D. #
37)	L8 AR-1262-2	8.369	0.000	91002	0	0.416	N.D. #
38)	L8 AR-1262-3	8.709	0.000	121799	0	0.777	N.D. #
39)	L8 AR-1262-4	8.809	0.000	28394	0	0.308	N.D. #
40)	L8 AR-1262-5	9.474	0.000	20160	0	0.276	N.D. #
41)	L9 AR-1268-1	8.709	0.000	121799	0	0.384	N.D. #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0041923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 20 05:15:06 2023
 Response via : Initial Calibration
 Integrator: ChemStation

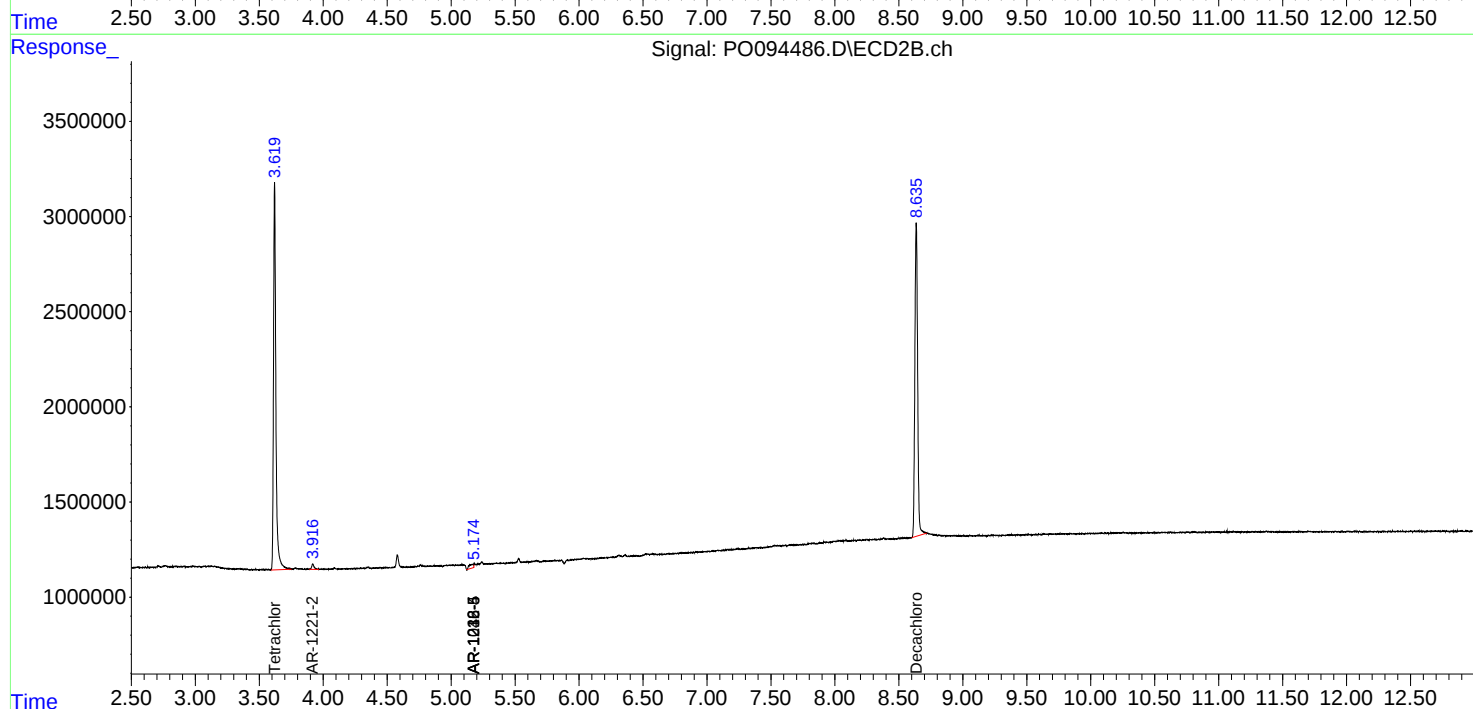
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

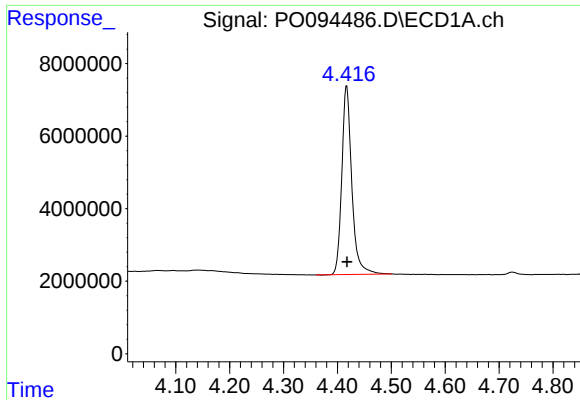
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.809	0.000	28394	0	0.101	N.D. #
44) L9	AR-1268-4	9.474	0.000	20160	0	0.239	N.D. #
45) L9	AR-1268-5	9.915	0.000	334759	0	0.418	N.D. #

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

Instrument :
ECD_O
ClientSampleId :

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

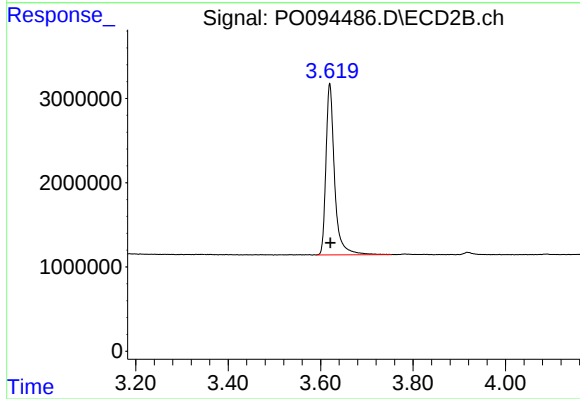




#1 Tetrachloro-m-xylene

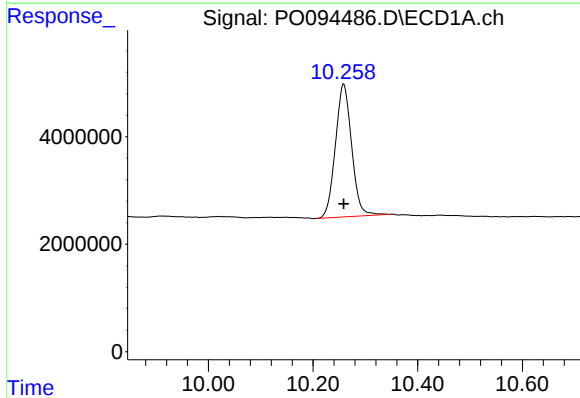
R.T.: 4.417 min
Delta R.T.: 0.000 min
Response: 67089775
Conc: 20.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



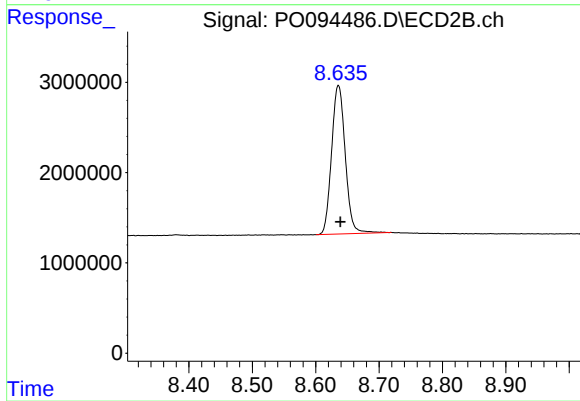
#1 Tetrachloro-m-xylene

R.T.: 3.620 min
Delta R.T.: -0.001 min
Response: 26368752
Conc: 20.41 ng/ml



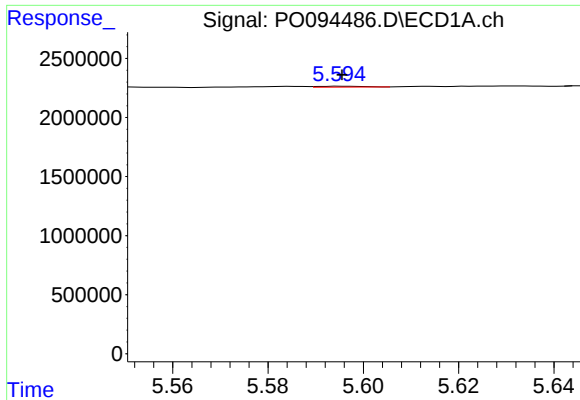
#2 Decachlorobiphenyl

R.T.: 10.259 min
Delta R.T.: 0.000 min
Response: 53062981
Conc: 24.83 ng/ml



#2 Decachlorobiphenyl

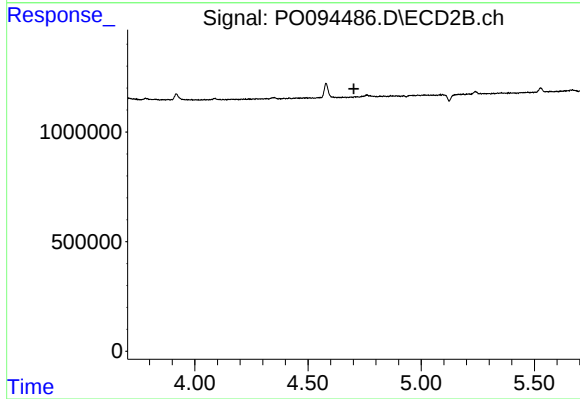
R.T.: 8.636 min
Delta R.T.: -0.003 min
Response: 24733837
Conc: 24.83 ng/ml



#3 AR-1016-1

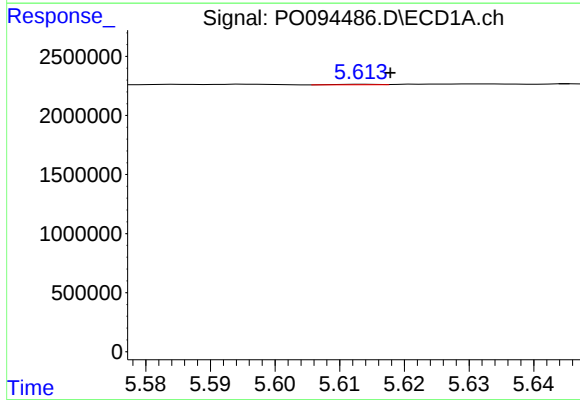
R.T.: 5.596 min
Delta R.T.: 0.000 min
Response: 48572
Conc: 0.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



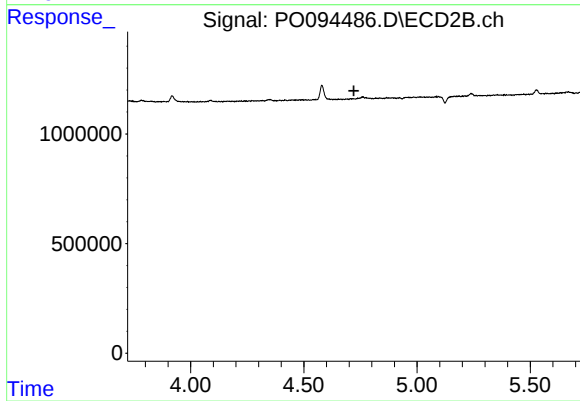
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.703 min
Response: 0
Conc: N.D.



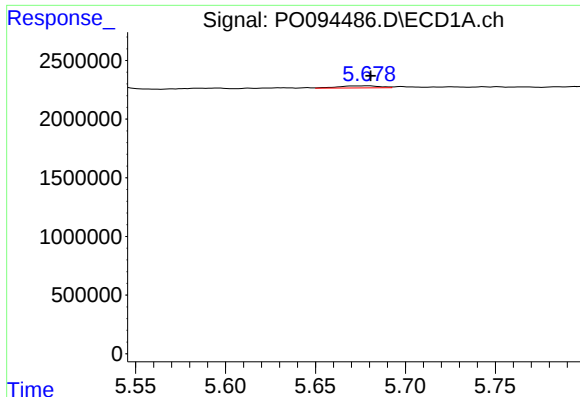
#4 AR-1016-2

R.T.: 5.614 min
Delta R.T.: -0.004 min
Response: 22493
Conc: 0.16 ng/ml



#4 AR-1016-2

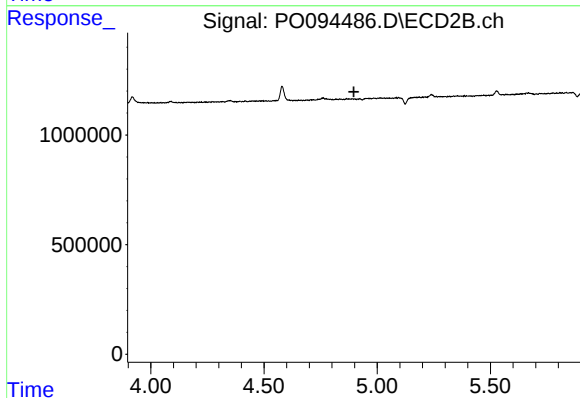
R.T.: 0.000 min
Exp R.T. : 4.721 min
Response: 0
Conc: N.D.



#5 AR-1016-3

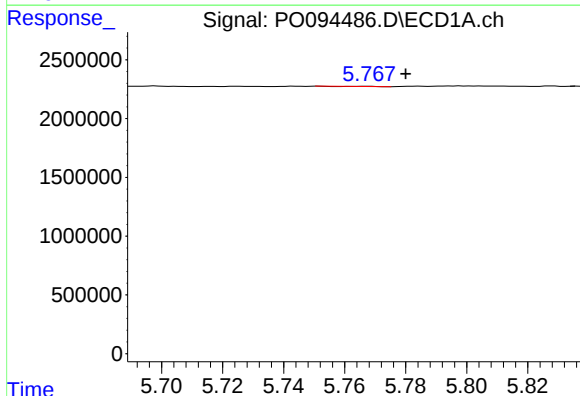
R.T.: 5.679 min
Delta R.T.: -0.002 min
Response: 288407
Conc: 3.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



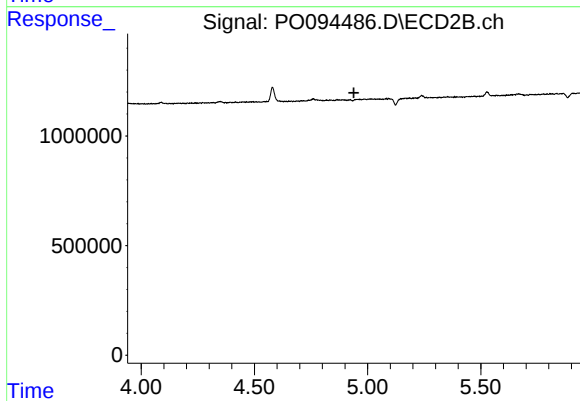
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.897 min
Response: 0
Conc: N.D.



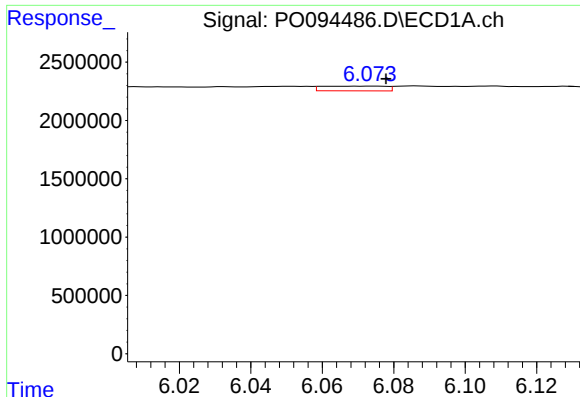
#6 AR-1016-4

R.T.: 5.768 min
Delta R.T.: -0.012 min
Response: 1119
Conc: 0.02 ng/ml



#6 AR-1016-4

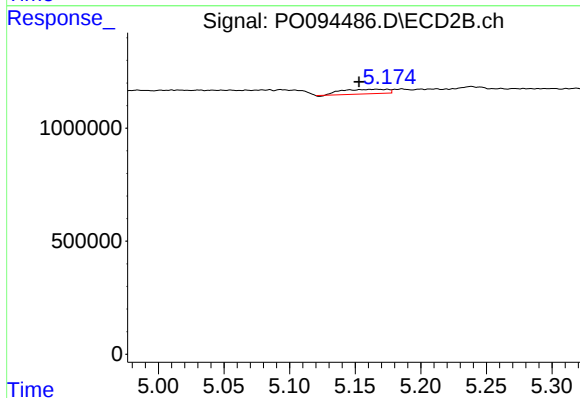
R.T.: 0.000 min
Exp R.T. : 4.940 min
Response: 0
Conc: N.D.



#7 AR-1016-5

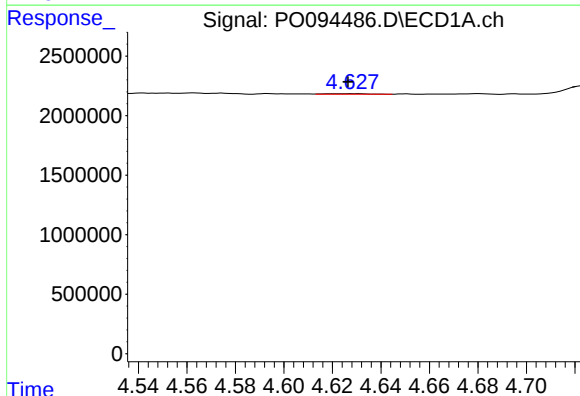
R.T.: 6.074 min
Delta R.T.: -0.004 min
Response: 502629
Conc: 6.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



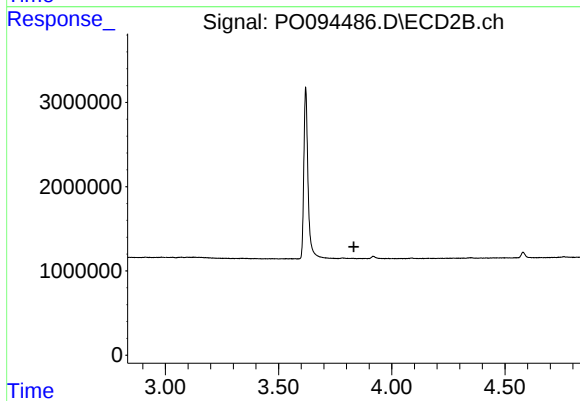
#7 AR-1016-5

R.T.: 5.167 min
Delta R.T.: 0.014 min
Response: 490841
Conc: 14.05 ng/ml



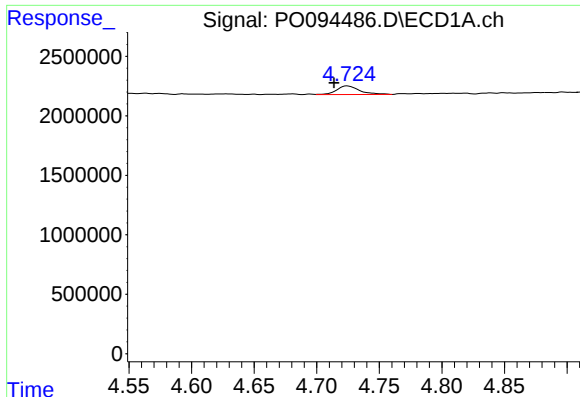
#8 AR-1221-1

R.T.: 4.628 min
Delta R.T.: 0.001 min
Response: 61141
Conc: 1.49 ng/ml



#8 AR-1221-1

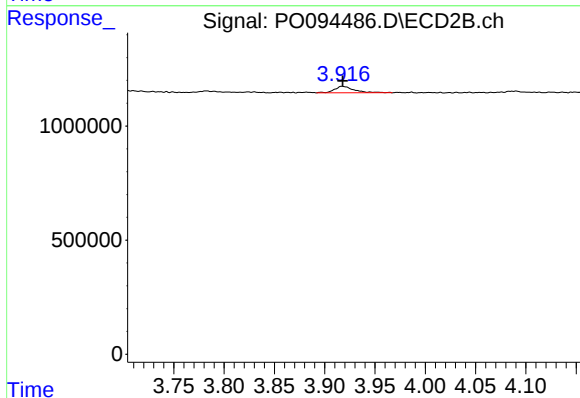
R.T.: 0.000 min
Exp R.T. : 3.833 min
Response: 0
Conc: N.D.



#9 AR-1221-2

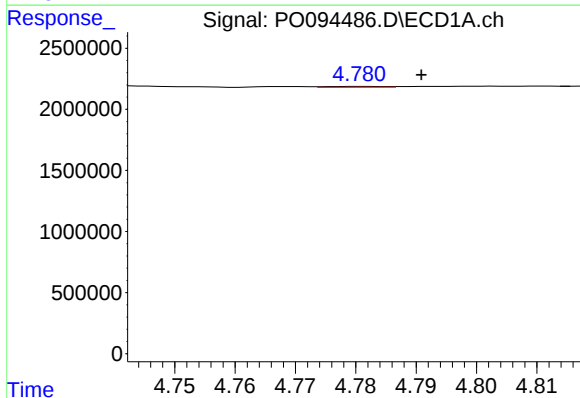
R.T.: 4.724 min
Delta R.T.: 0.011 min
Response: 921296
Conc: 30.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



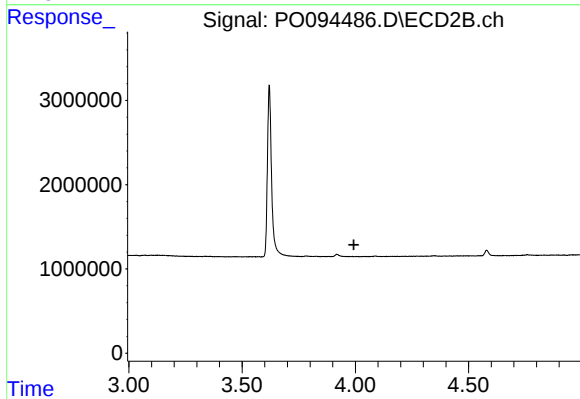
#9 AR-1221-2

R.T.: 3.918 min
Delta R.T.: 0.000 min
Response: 387906
Conc: 31.41 ng/ml



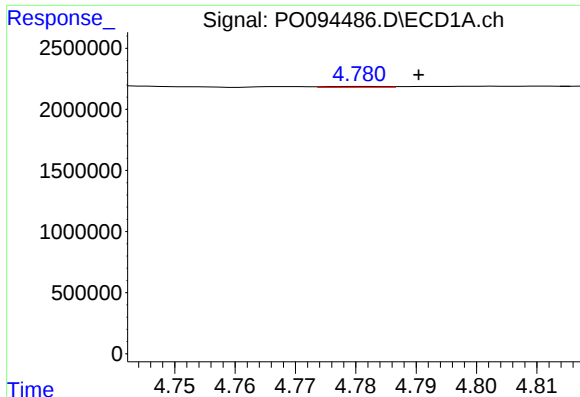
#10 AR-1221-3

R.T.: 4.781 min
Delta R.T.: -0.010 min
Response: 46822
Conc: 0.50 ng/ml



#10 AR-1221-3

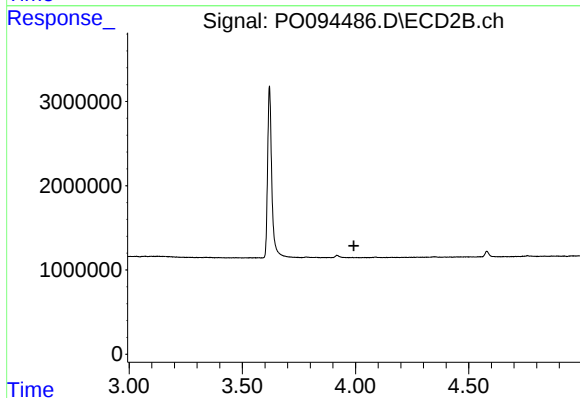
R.T.: 0.000 min
Exp R.T. : 3.994 min
Response: 0
Conc: N.D.



#11 AR-1232-1

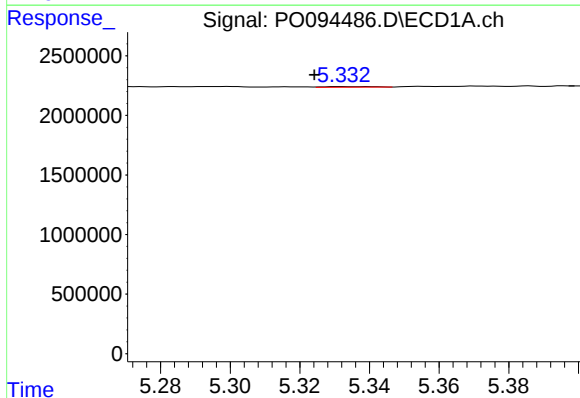
R.T.: 4.781 min
Delta R.T.: -0.010 min
Response: 46822
Conc: 0.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



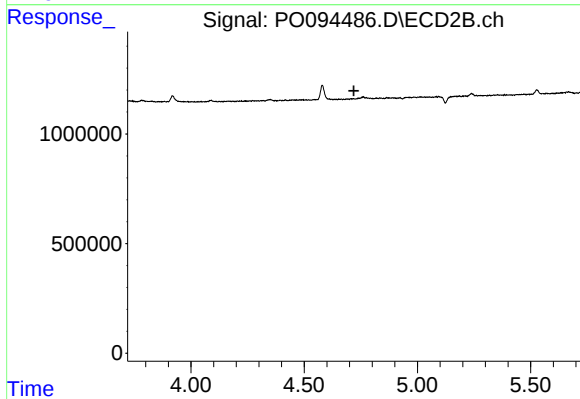
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.993 min
Response: 0
Conc: N.D.



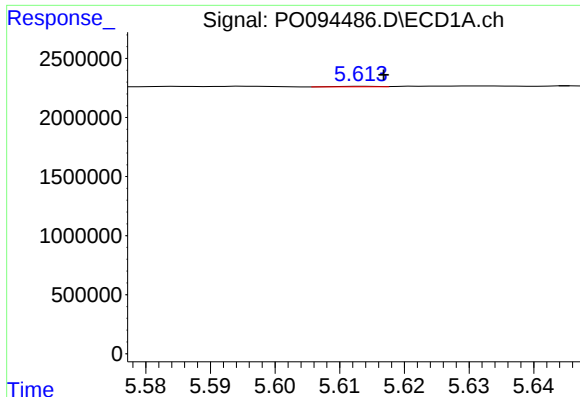
#12 AR-1232-2

R.T.: 5.332 min
Delta R.T.: 0.008 min
Response: 46100
Conc: 1.17 ng/ml



#12 AR-1232-2

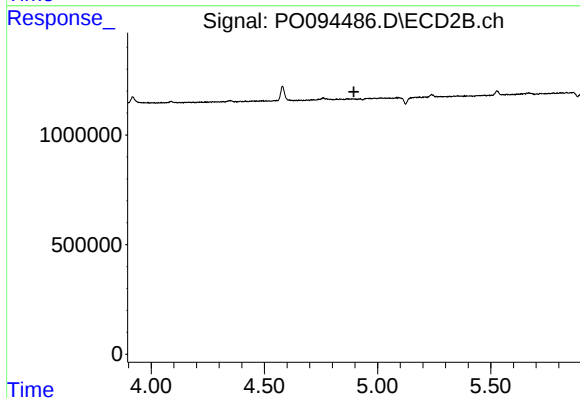
R.T.: 0.000 min
Exp R.T. : 4.719 min
Response: 0
Conc: N.D.



#13 AR-1232-3

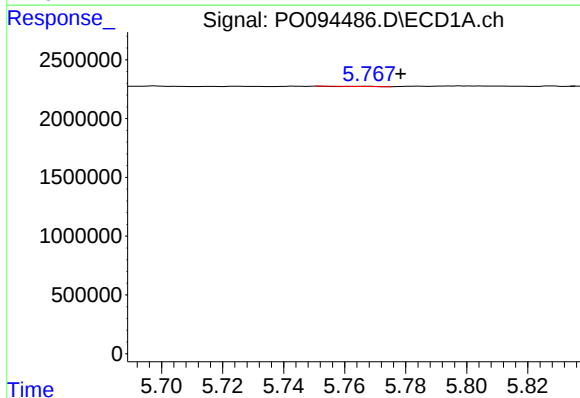
R.T.: 5.614 min
Delta R.T.: -0.003 min
Response: 22493
Conc: 0.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



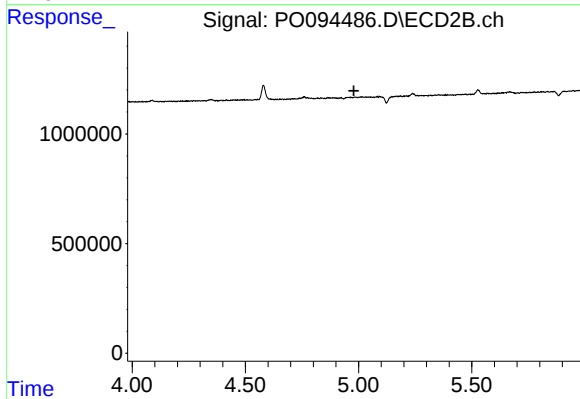
#13 AR-1232-3

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



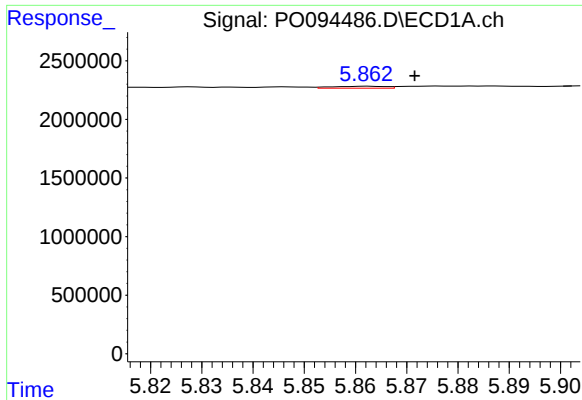
#14 AR-1232-4

R.T.: 5.768 min
Delta R.T.: -0.011 min
Response: 1119
Conc: 0.03 ng/ml



#14 AR-1232-4

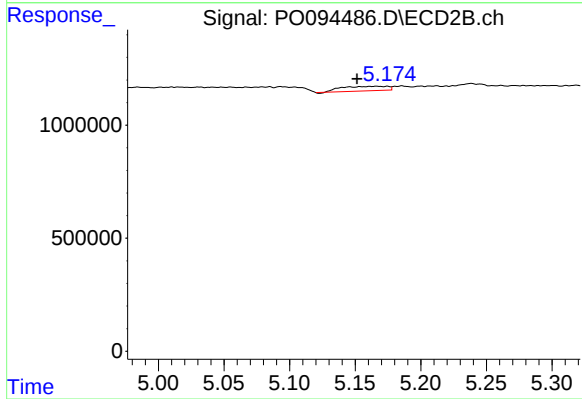
R.T.: 0.000 min
Exp R.T. : 4.979 min
Response: 0
Conc: N.D.



#15 AR-1232-5

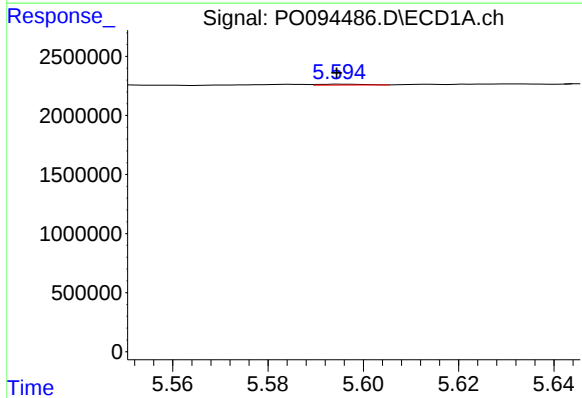
R.T.: 5.862 min
Delta R.T.: -0.009 min
Response: 124417
Conc: 4.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



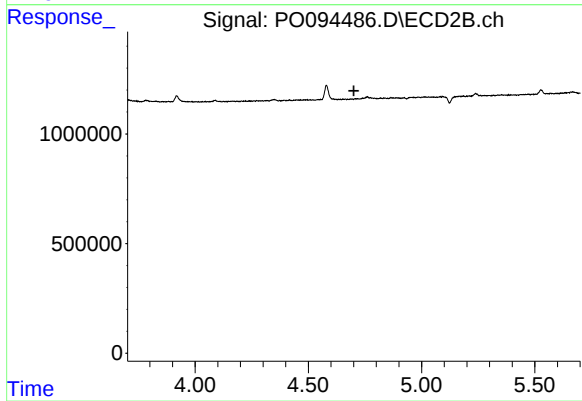
#15 AR-1232-5

R.T.: 5.167 min
Delta R.T.: 0.015 min
Response: 490841
Conc: 30.24 ng/ml



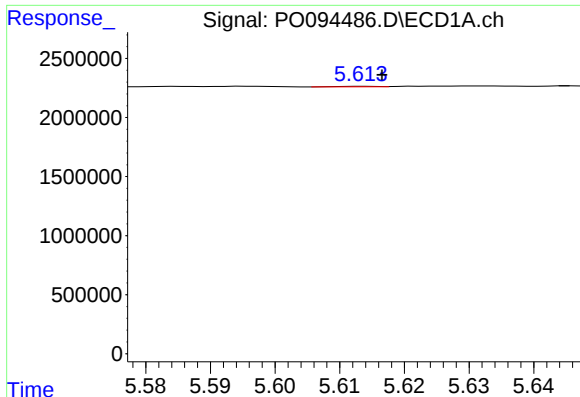
#16 AR-1242-1

R.T.: 5.596 min
Delta R.T.: 0.001 min
Response: 48572
Conc: 0.61 ng/ml



#16 AR-1242-1

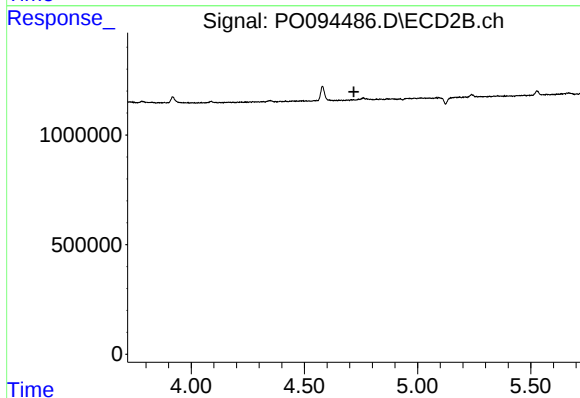
R.T.: 0.000 min
Exp R.T.: 4.701 min
Response: 0
Conc: N.D.



#17 AR-1242-2

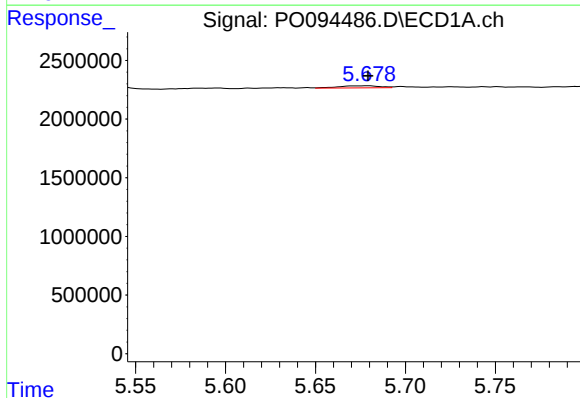
R.T.: 5.614 min
Delta R.T.: -0.003 min
Response: 22493
Conc: 0.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



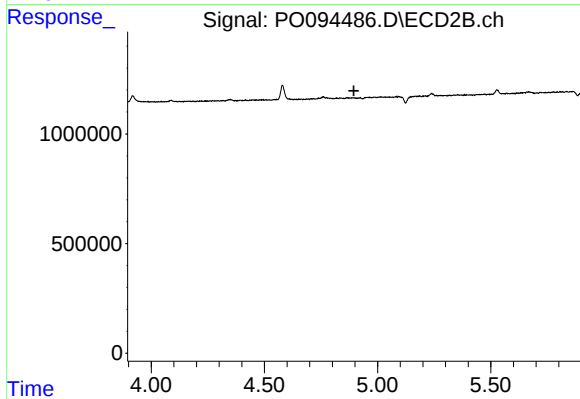
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.719 min
Response: 0
Conc: N.D.



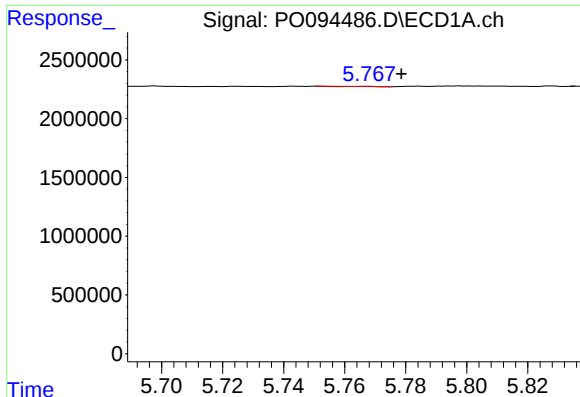
#18 AR-1242-3

R.T.: 5.679 min
Delta R.T.: 0.000 min
Response: 288407
Conc: 3.68 ng/ml



#18 AR-1242-3

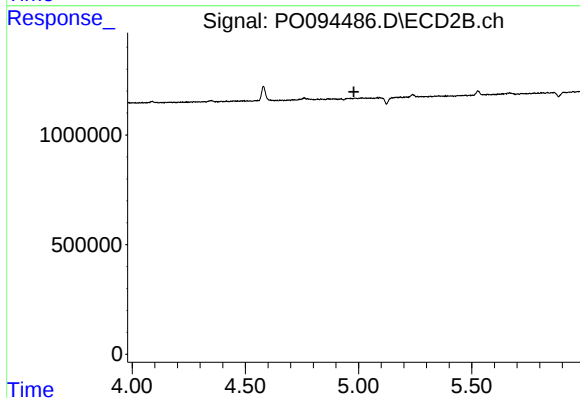
R.T.: 0.000 min
Exp R.T. : 4.895 min
Response: 0
Conc: N.D.



#19 AR-1242-4

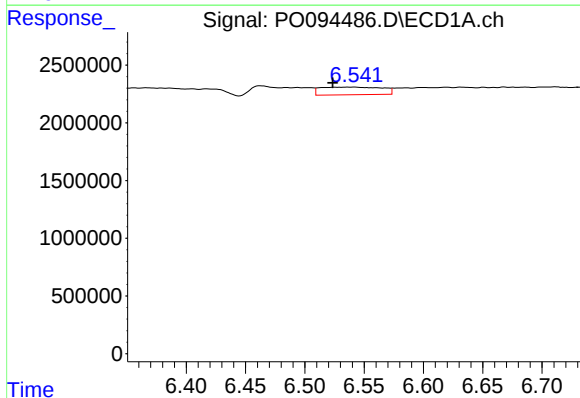
R.T.: 5.768 min
Delta R.T.: -0.011 min
Response: 1119
Conc: 0.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



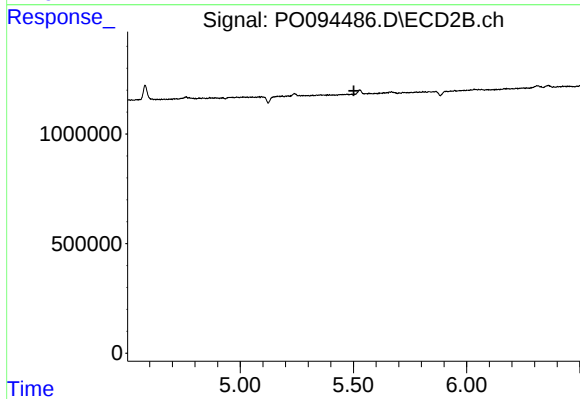
#19 AR-1242-4

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



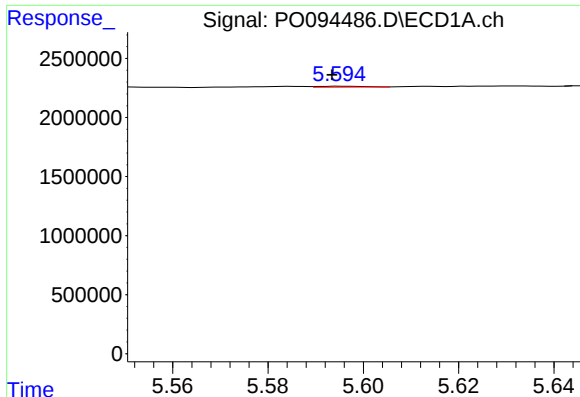
#20 AR-1242-5

R.T.: 6.542 min
Delta R.T.: 0.018 min
Response: 2379797
Conc: 39.80 ng/ml



#20 AR-1242-5

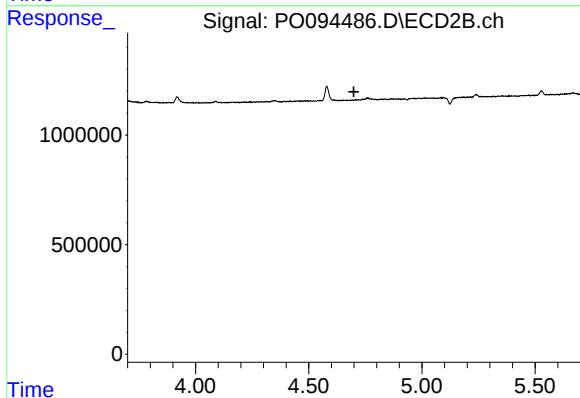
R.T.: 0.000 min
Exp R.T. : 5.502 min
Response: 0
Conc: N.D.



#21 AR-1248-1

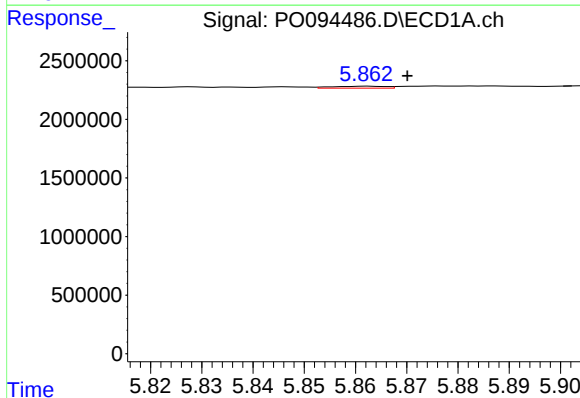
R.T.: 5.596 min
Delta R.T.: 0.002 min
Response: 48572
Conc: 0.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



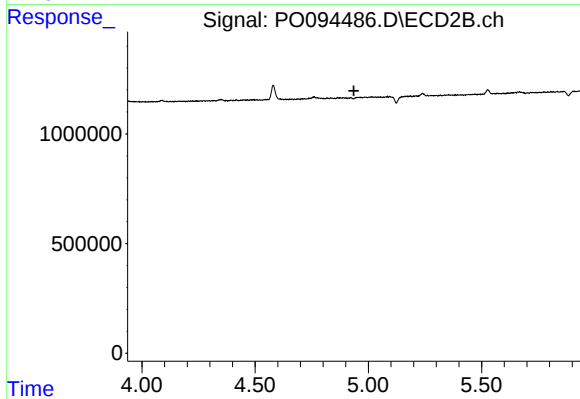
#21 AR-1248-1

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



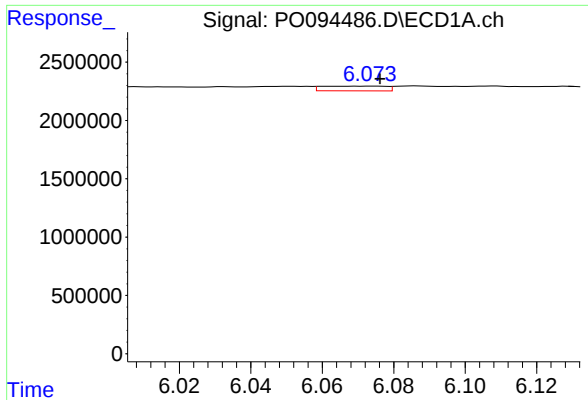
#22 AR-1248-2

R.T.: 5.862 min
Delta R.T.: -0.008 min
Response: 124417
Conc: 1.21 ng/ml



#22 AR-1248-2

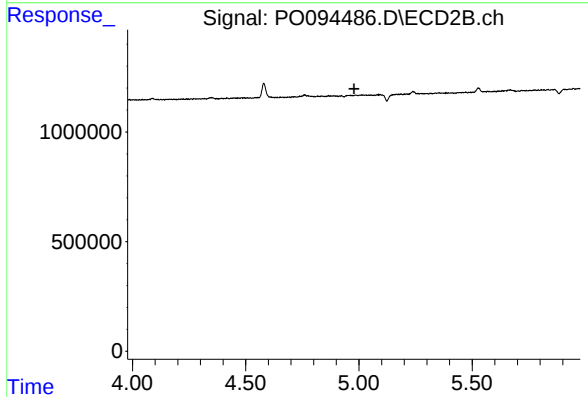
R.T.: 0.000 min
Exp R.T. : 4.936 min
Response: 0
Conc: N.D.



#23 AR-1248-3

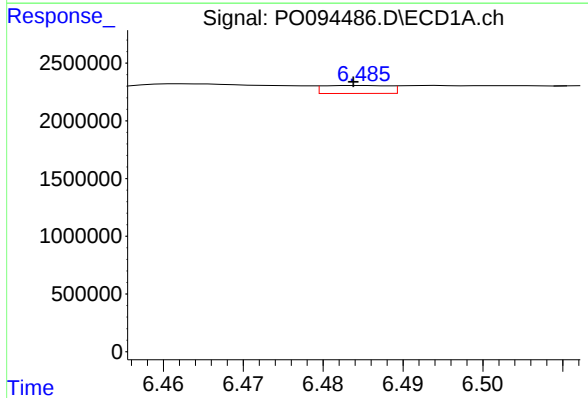
R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 502629
Conc: 4.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



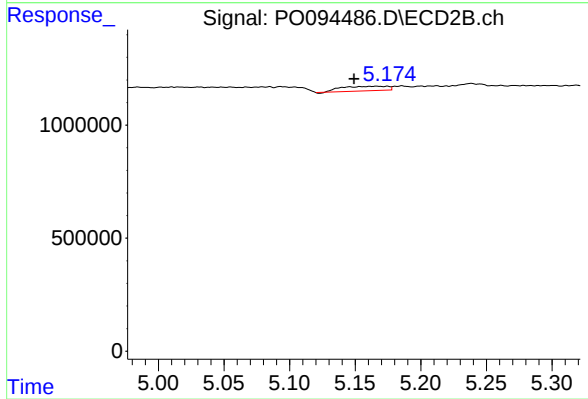
#23 AR-1248-3

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



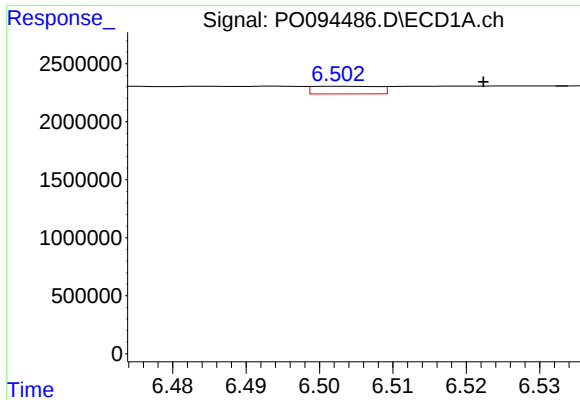
#24 AR-1248-4

R.T.: 6.485 min
Delta R.T.: 0.000 min
Response: 397269
Conc: 4.06 ng/ml



#24 AR-1248-4

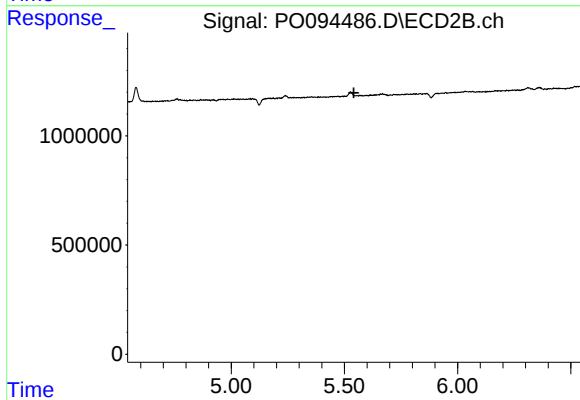
R.T.: 5.167 min
Delta R.T.: 0.017 min
Response: 490841
Conc: 10.13 ng/ml



#25 AR-1248-5

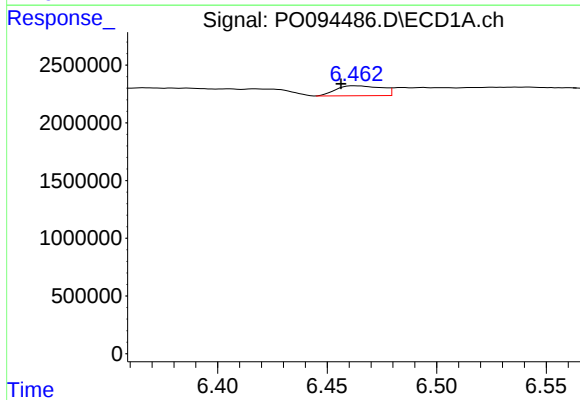
R.T.: 6.503 min
Delta R.T.: -0.019 min
Response: 410123
Conc: 3.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



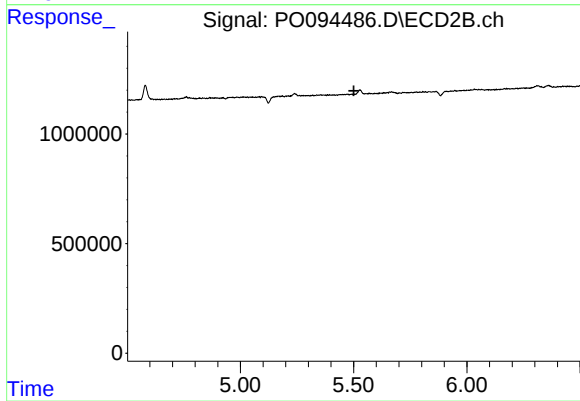
#25 AR-1248-5

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



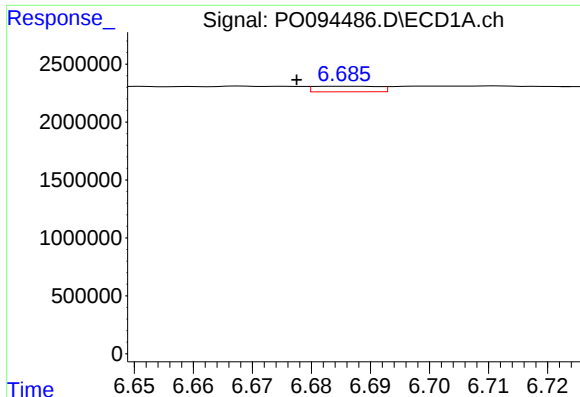
#26 AR-1254-1

R.T.: 6.463 min
Delta R.T.: 0.007 min
Response: 1255773
Conc: 10.16 ng/ml



#26 AR-1254-1

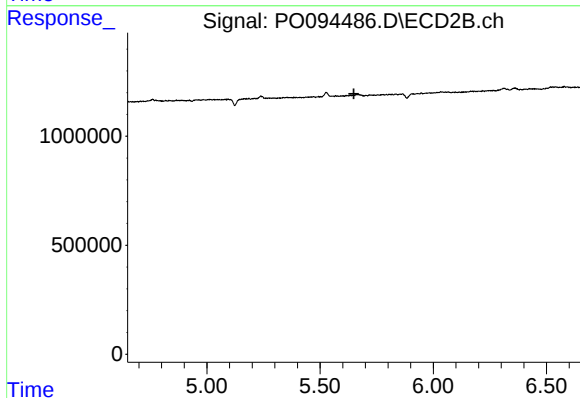
R.T.: 0.000 min
Exp R.T. : 5.501 min
Response: 0
Conc: N.D.



#27 AR-1254-2

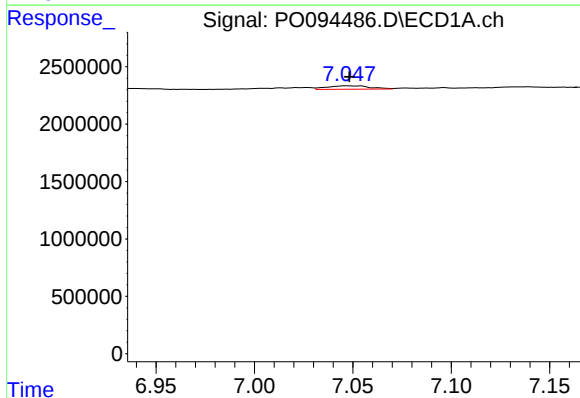
R.T.: 6.686 min
Delta R.T.: 0.008 min
Response: 367461
Conc: 2.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



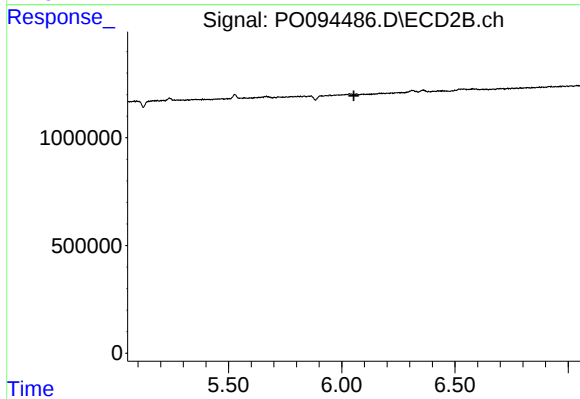
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.649 min
Response: 0
Conc: N.D.



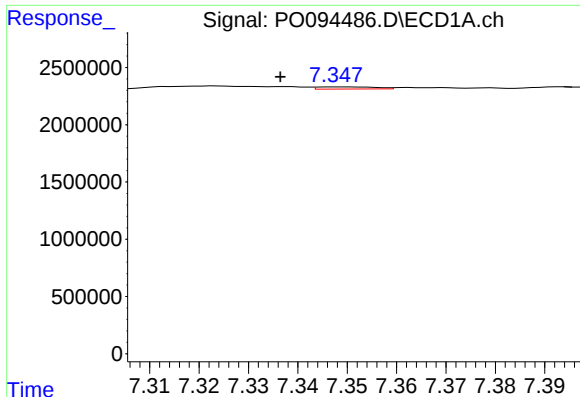
#28 AR-1254-3

R.T.: 7.047 min
Delta R.T.: -0.001 min
Response: 441255
Conc: 2.59 ng/ml



#28 AR-1254-3

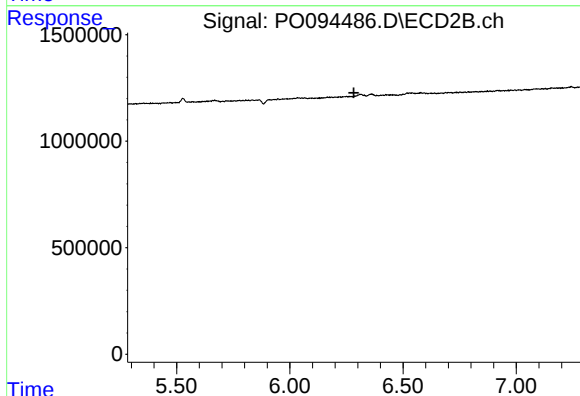
R.T.: 0.000 min
Exp R.T. : 6.053 min
Response: 0
Conc: N.D.



#29 AR-1254-4

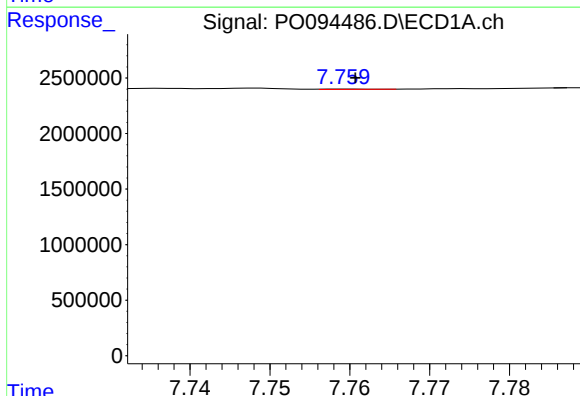
R.T.: 7.348 min
Delta R.T.: 0.012 min
Response: 150100
Conc: 1.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



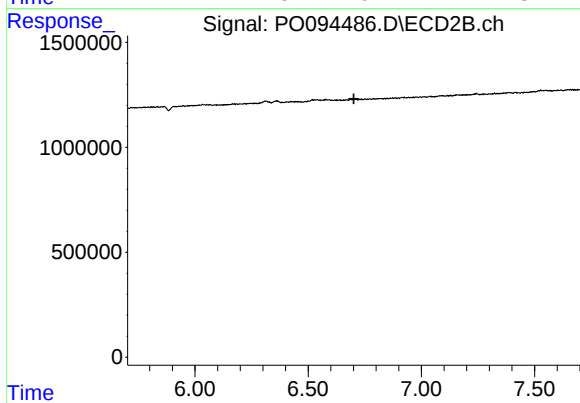
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.283 min
Response: 0
Conc: N.D.



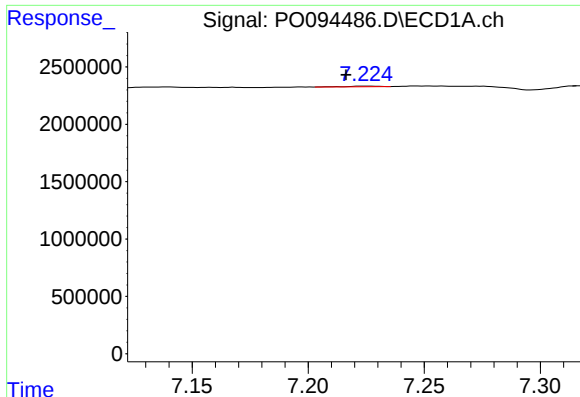
#30 AR-1254-5

R.T.: 7.760 min
Delta R.T.: 0.000 min
Response: 14699
Conc: 0.12 ng/ml



#30 AR-1254-5

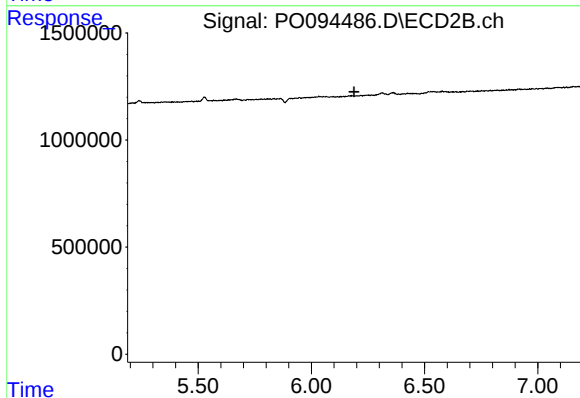
R.T.: 0.000 min
Exp R.T. : 6.702 min
Response: 0
Conc: N.D.



#31 AR-1260-1

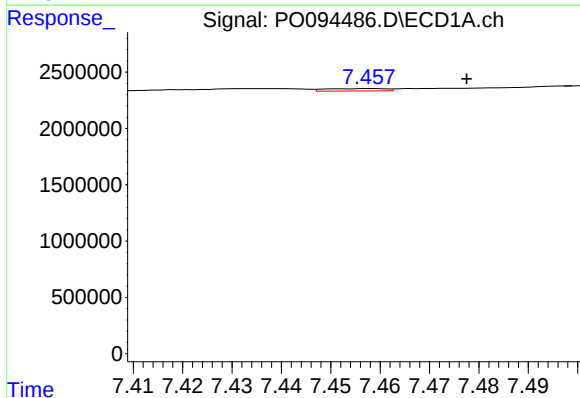
R.T.: 7.225 min
Delta R.T.: 0.008 min
Response: 62608
Conc: 0.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



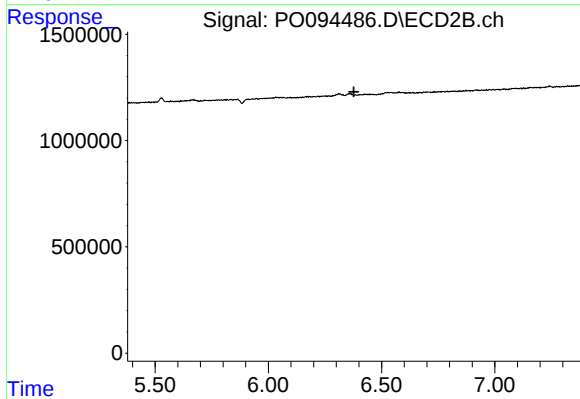
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.188 min
Response: 0
Conc: N.D.



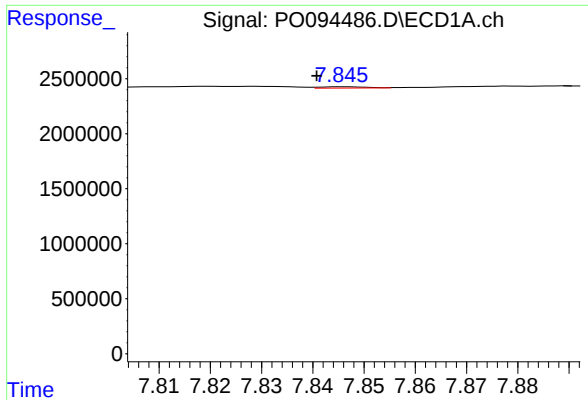
#32 AR-1260-2

R.T.: 7.458 min
Delta R.T.: -0.019 min
Response: 176809
Conc: 1.26 ng/ml



#32 AR-1260-2

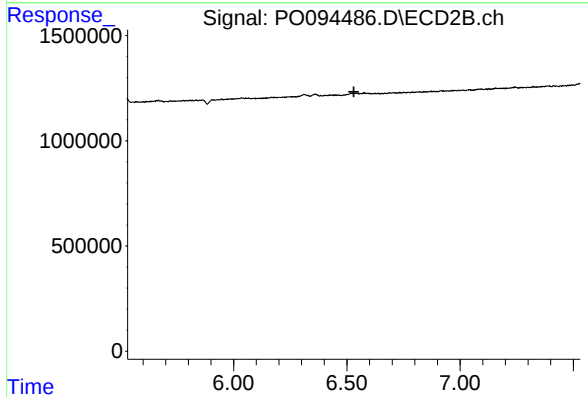
R.T.: 0.000 min
Exp R.T. : 6.378 min
Response: 0
Conc: N.D.



#33 AR-1260-3

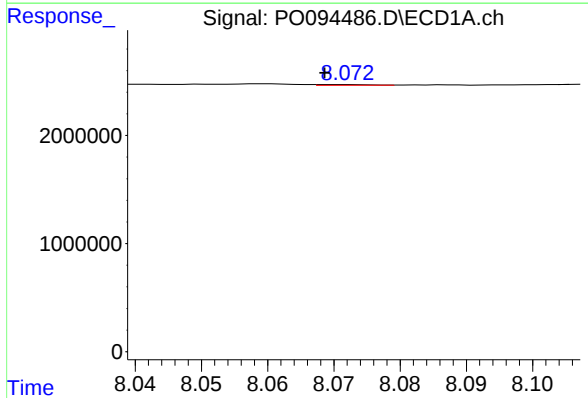
R.T.: 7.846 min
Delta R.T.: 0.005 min
Response: 68613
Conc: 0.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



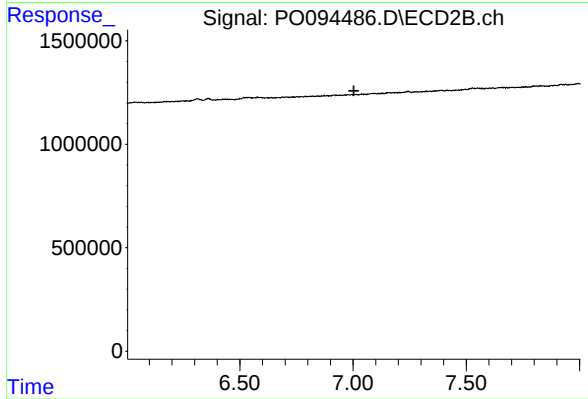
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.531 min
Response: 0
Conc: N.D.



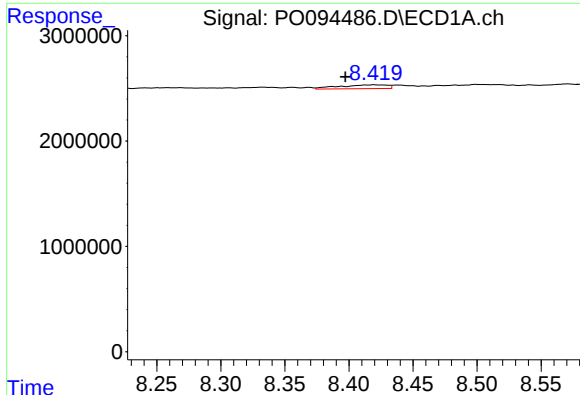
#34 AR-1260-4

R.T.: 8.071 min
Delta R.T.: 0.002 min
Response: 39874
Conc: 0.33 ng/ml



#34 AR-1260-4

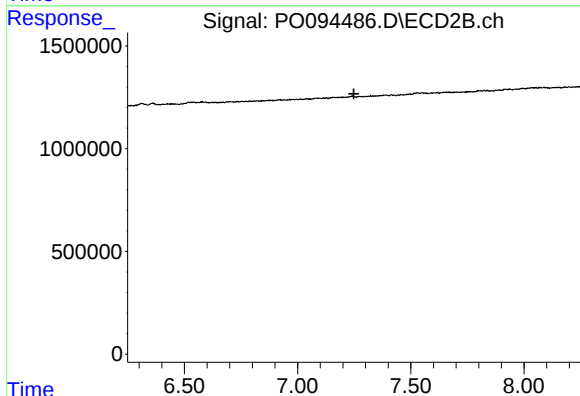
R.T.: 0.000 min
Exp R.T. : 7.004 min
Response: 0
Conc: N.D.



#35 AR-1260-5

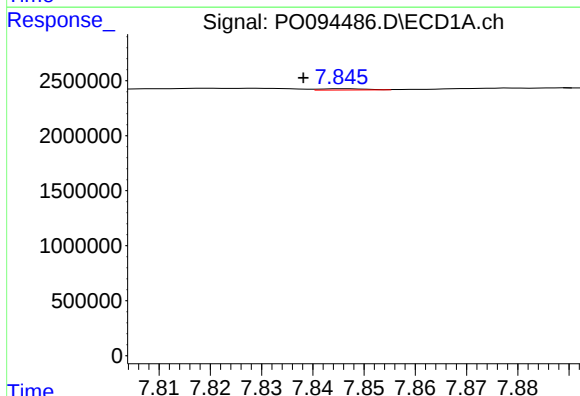
R.T.: 8.420 min
Delta R.T.: 0.023 min
Response: 957448
Conc: 4.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



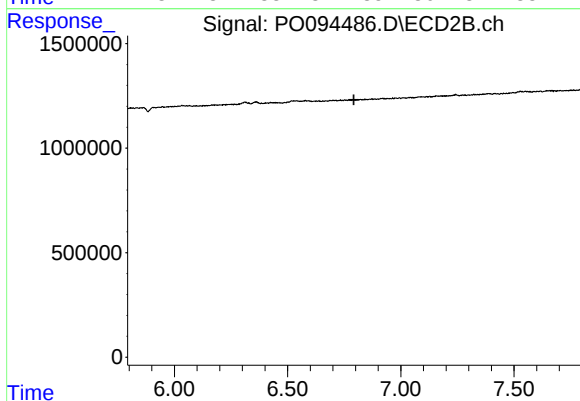
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.248 min
Response: 0
Conc: N.D.



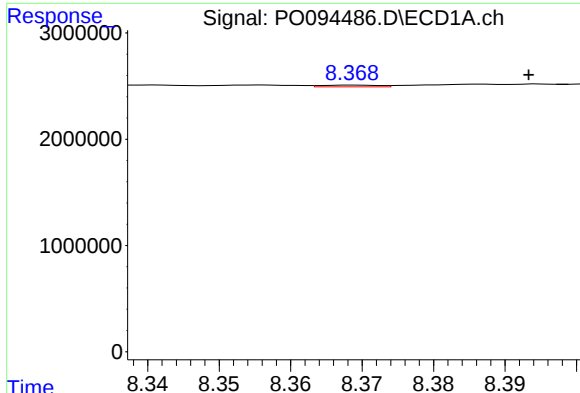
#36 AR-1262-1

R.T.: 7.846 min
Delta R.T.: 0.008 min
Response: 68613
Conc: 0.43 ng/ml



#36 AR-1262-1

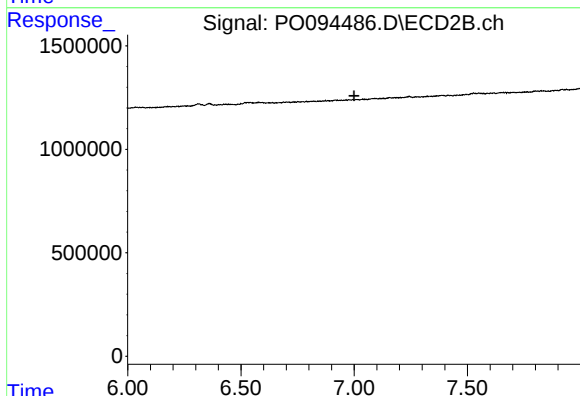
R.T.: 0.000 min
Exp R.T. : 6.793 min
Response: 0
Conc: N.D.



#37 AR-1262-2

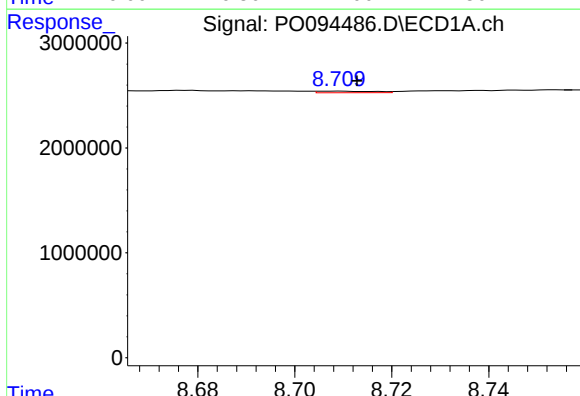
R.T.: 8.369 min
Delta R.T.: -0.024 min
Response: 91002
Conc: 0.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



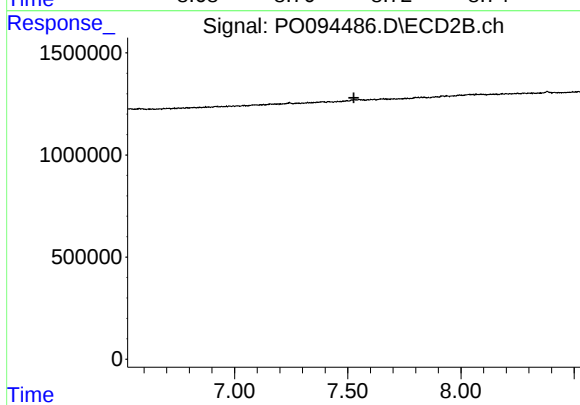
#37 AR-1262-2

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



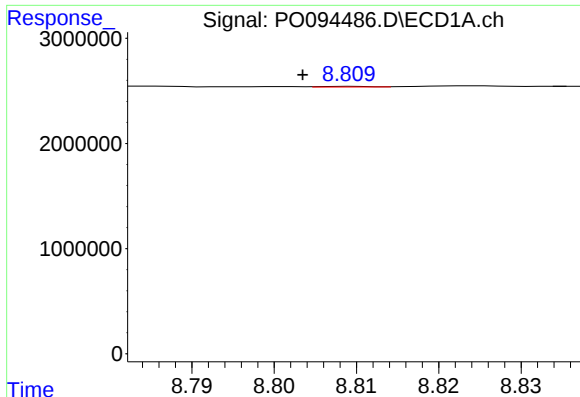
#38 AR-1262-3

R.T.: 8.709 min
Delta R.T.: -0.004 min
Response: 121799
Conc: 0.78 ng/ml



#38 AR-1262-3

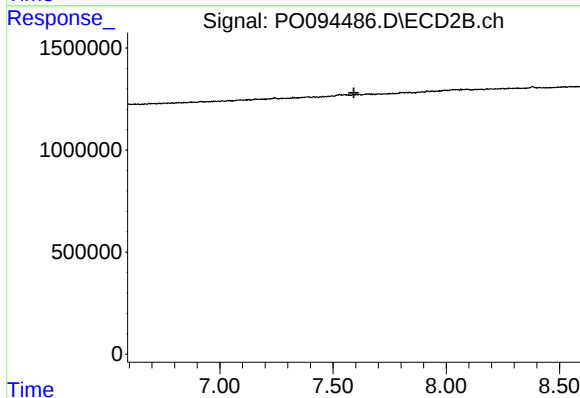
R.T.: 0.000 min
Exp R.T. : 7.527 min
Response: 0
Conc: N.D.



#39 AR-1262-4

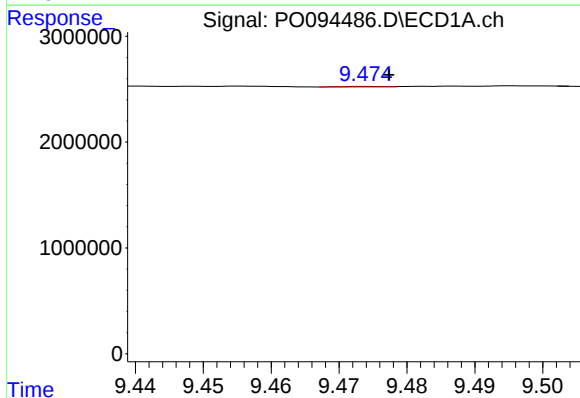
R.T.: 8.809 min
Delta R.T.: 0.006 min
Response: 28394
Conc: 0.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



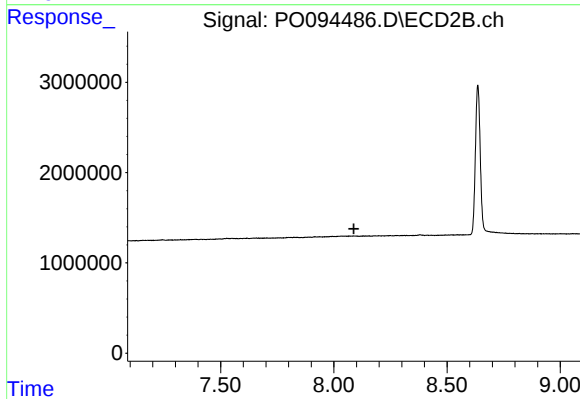
#39 AR-1262-4

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



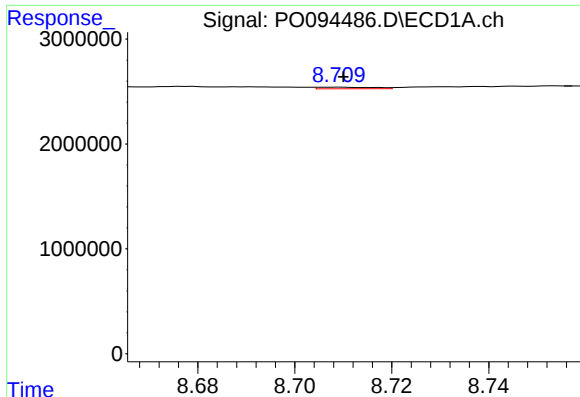
#40 AR-1262-5

R.T.: 9.474 min
Delta R.T.: -0.003 min
Response: 20160
Conc: 0.28 ng/ml



#40 AR-1262-5

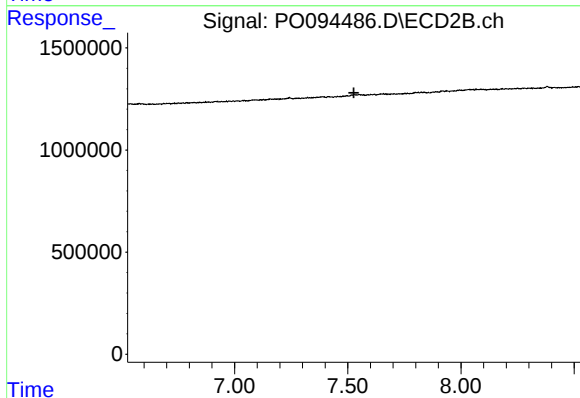
R.T.: 0.000 min
Exp R.T. : 8.089 min
Response: 0
Conc: N.D.



#41 AR-1268-1

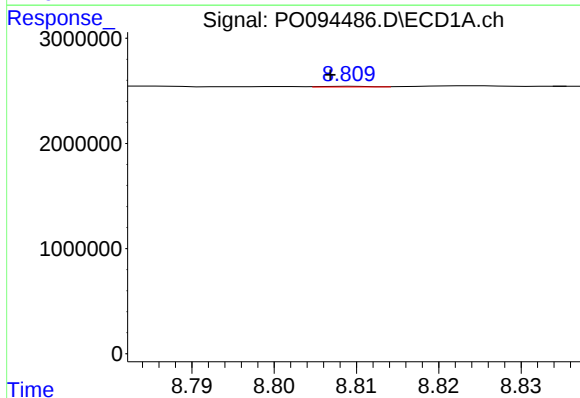
R.T.: 8.709 min
Delta R.T.: -0.001 min
Response: 121799
Conc: 0.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



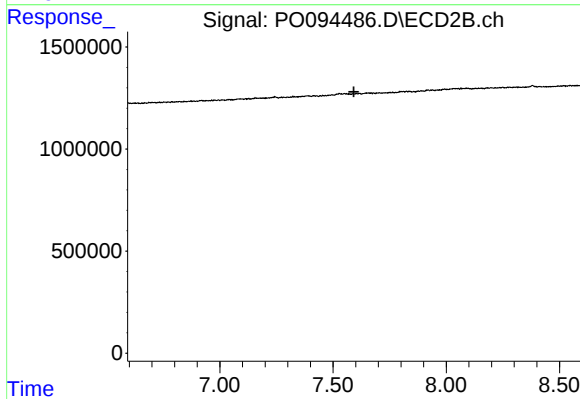
#41 AR-1268-1

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



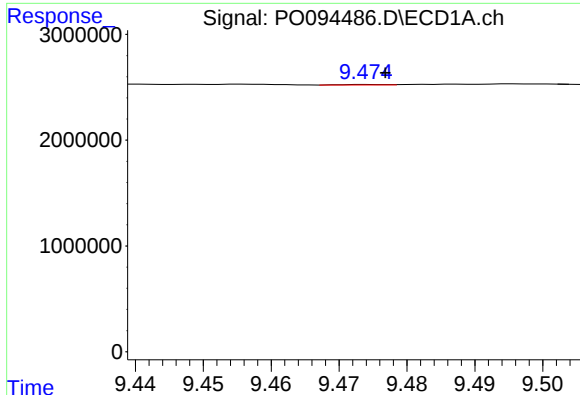
#42 AR-1268-2

R.T.: 8.809 min
Delta R.T.: 0.002 min
Response: 28394
Conc: 0.10 ng/ml



#42 AR-1268-2

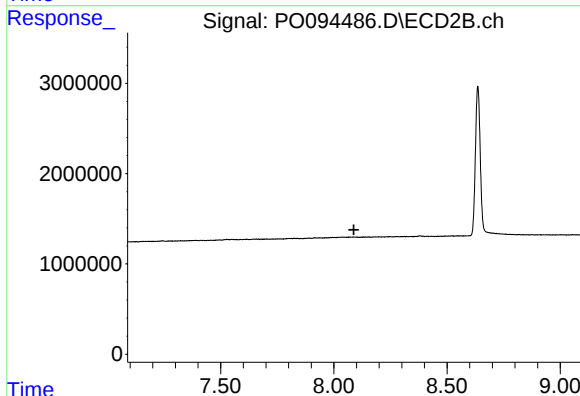
R.T.: 0.000 min
Exp R.T. : 7.592 min
Response: 0
Conc: N.D.



#44 AR-1268-4

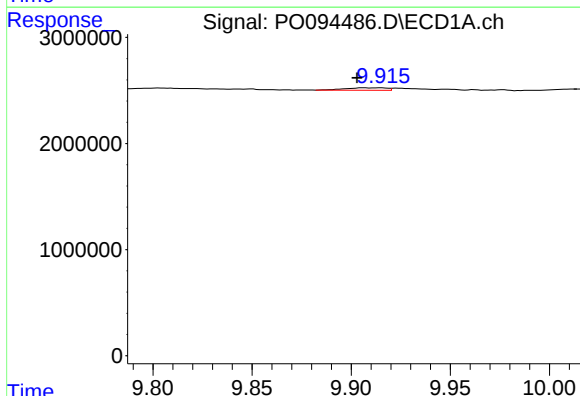
R.T.: 9.474 min
Delta R.T.: -0.003 min
Response: 20160
Conc: 0.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



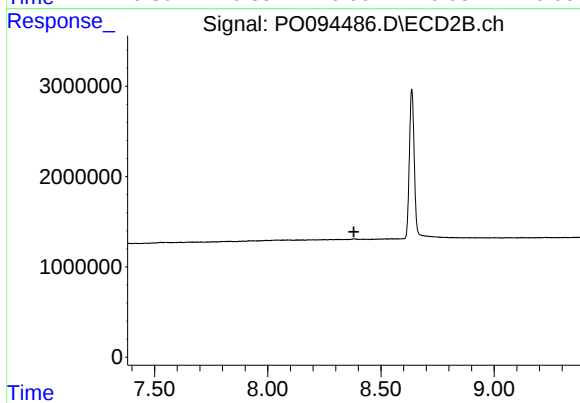
#44 AR-1268-4

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



#45 AR-1268-5

R.T.: 9.915 min
Delta R.T.: 0.012 min
Response: 334759
Conc: 0.42 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.380 min
Response: 0
Conc: N.D.