

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO111022\
 Data File : PO090442.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Nov 2022 20:30
 Operator : YP/AJ
 Sample : N5531-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 11 03:43:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 28 05:05:44 2022
 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...	4.302	3.482	70618033	23439645	21.973	22.055
2)	SA Decachlor...	10.051	8.486	49823578	21232700	20.332	20.616
Target Compounds							
3)	L1 AR-1016-1	5.502	0.000	200828	0	1.888	N.D. #
4)	L1 AR-1016-2	5.502	0.000	200828	0	1.318	N.D. #
5)	L1 AR-1016-3	5.502f	0.000	200828	0	2.125	N.D. #
6)	L1 AR-1016-4	5.698	0.000	403377	0	5.379	N.D. #
7)	L1 AR-1016-5	5.911f	0.000	254642	0	3.299	N.D. #
8)	L2 AR-1221-1	4.511	3.764f	4380429	514607	114.759	38.518 #
9)	L2 AR-1221-2	4.609	3.780	971092	530928	34.159	52.314 #
10)	L2 AR-1221-3	0.000	3.900f	0	643074	N.D.	20.672 #
11)	L3 AR-1232-1	0.000	3.900f	0	643074	N.D.	27.031 #
12)	L3 AR-1232-2	5.233	0.000	622037	0	16.181	N.D. #
13)	L3 AR-1232-3	5.502	0.000	200828	0	2.997	N.D. #
14)	L3 AR-1232-4	5.698	0.000	403377	0	12.217	N.D. #
15)	L3 AR-1232-5	5.698f	0.000	403377	0	15.226	N.D. #
16)	L4 AR-1242-1	5.502	0.000	200828	0	2.427	N.D. #
17)	L4 AR-1242-2	5.502	0.000	200828	0	1.700	N.D. #
18)	L4 AR-1242-3	5.502f	0.000	200828	0	2.698	N.D. #
19)	L4 AR-1242-4	5.698	0.000	403377	0	6.924	N.D. #
20)	L4 AR-1242-5	6.343f	5.372	399389	250171	6.497	8.746 #
21)	L5 AR-1248-1	5.502	0.000	200828	0	3.175	N.D. #
22)	L5 AR-1248-2	5.698f	0.000	403377	0	4.259	N.D. #
23)	L5 AR-1248-3	5.911f	0.000	254642	0	2.583	N.D. #
24)	L5 AR-1248-4	6.343	0.000	399389	0	3.746	N.D. #
25)	L5 AR-1248-5	6.343f	5.372f	399389	250171	3.802	6.909 #
26)	L6 AR-1254-1	6.343	5.372	399389	250171	3.446	4.247
27)	L6 AR-1254-2	6.567	5.574f	502596	520773	2.890	9.719 #
28)	L6 AR-1254-3	6.928	5.925	640101	320344	3.687	3.865
29)	L6 AR-1254-4	7.257f	6.108f	102369	178651	0.803	3.597 #
30)	L6 AR-1254-5	7.633	6.573	160416	205198	1.139	2.741 #
31)	L7 AR-1260-1	7.096	6.052	228635	474141	1.631	7.876 #
32)	L7 AR-1260-2	7.343	6.253	558761	444229	3.454	6.149 #
33)	L7 AR-1260-3	7.708	6.434	17649	241112	0.168	3.618 #
34)	L7 AR-1260-4	7.931	6.870	1294185	185009	10.476	3.637 #
35)	L7 AR-1260-5	8.254	7.113	336897	219858	1.480	1.893 #
36)	L8 AR-1262-1	7.708	6.633	17649	304593	0.106	4.020 #
37)	L8 AR-1262-2	8.254	7.113	336897	219858	1.199	1.715 #
38)	L8 AR-1262-3	8.569	7.401	588030	232696	2.995	4.273 #
39)	L8 AR-1262-4	8.664	7.401f	723842	232696	7.439	2.396 #
40)	L8 AR-1262-5	9.300	7.958	461559	215159	4.380	4.533
41)	L9 AR-1268-1	8.569	7.401	588030	232696	1.687	1.477

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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	8.664	7.401f	723842	232696	2.320	1.658 #
44) L9	AR-1268-4	9.300	7.958	461559	215159	3.961	3.962
45) L9	AR-1268-5	9.716	8.239	546124	283216	0.637	0.809 #

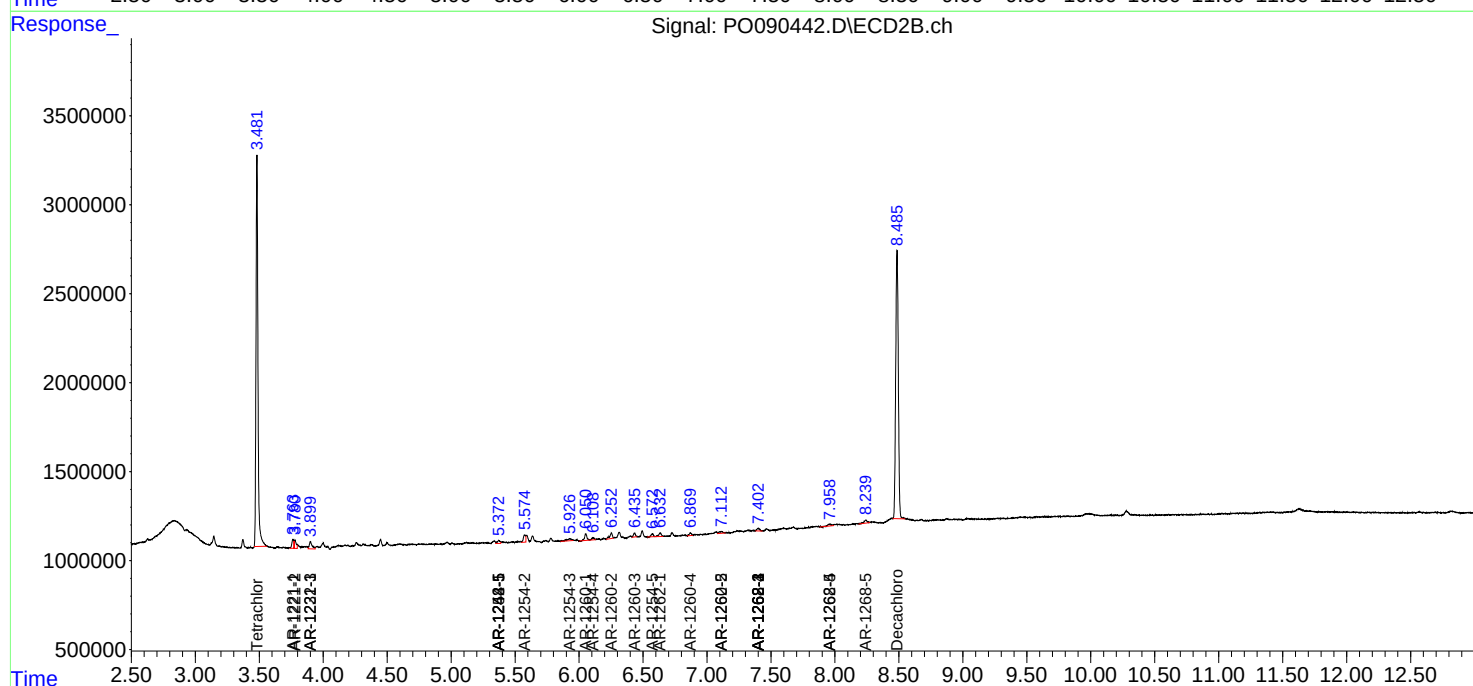
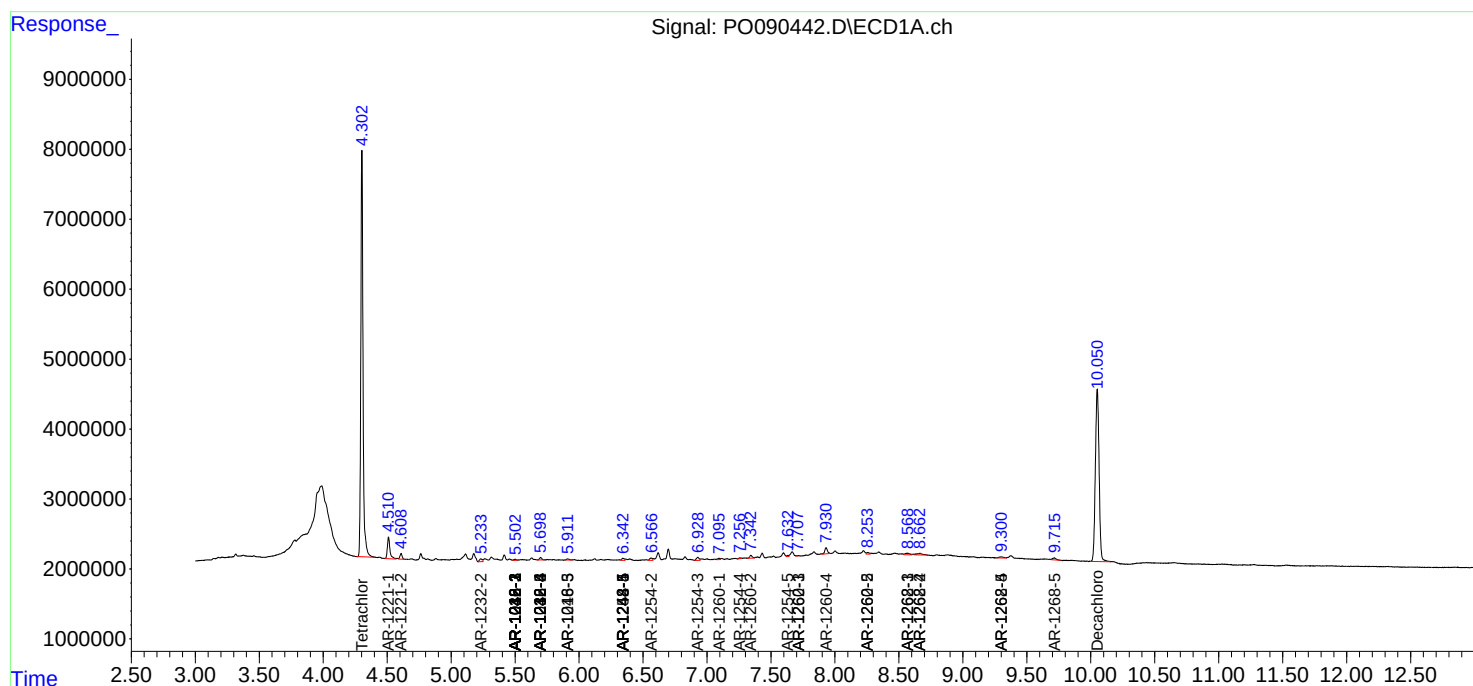
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

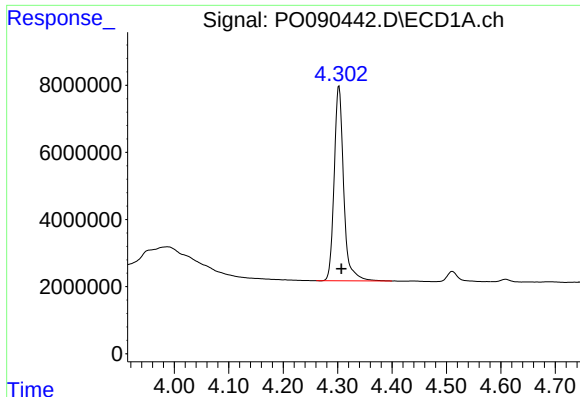
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

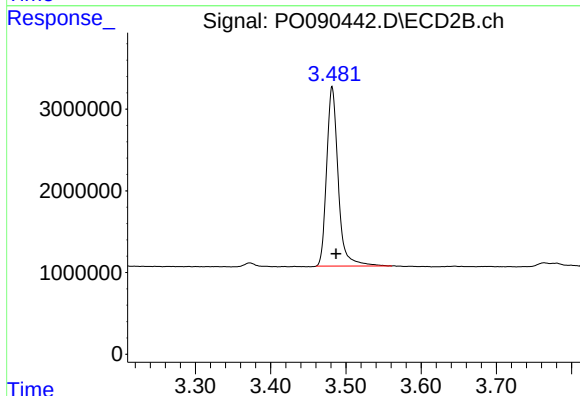




#1 Tetrachloro-m-xylene

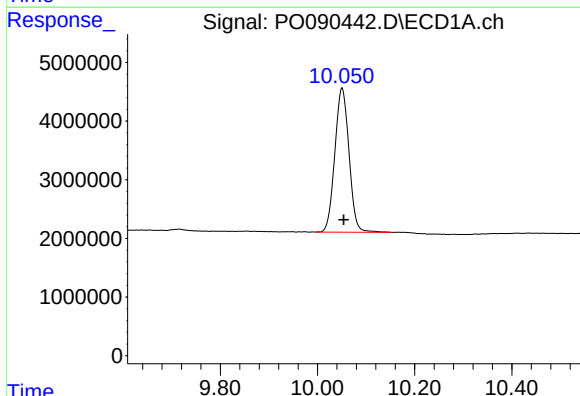
R.T.: 4.302 min
Delta R.T.: -0.005 min
Response: 70618033
Conc: 21.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



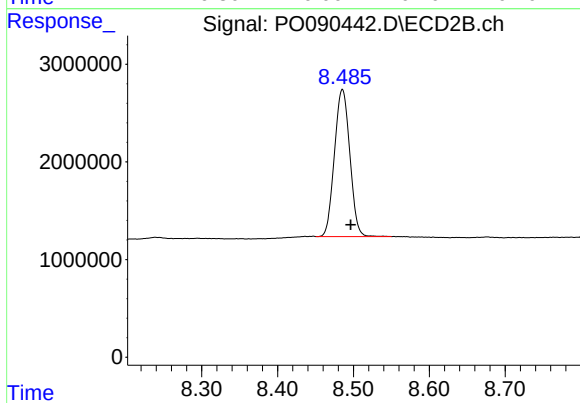
#1 Tetrachloro-m-xylene

R.T.: 3.482 min
Delta R.T.: -0.005 min
Response: 23439645
Conc: 22.05 ng/ml



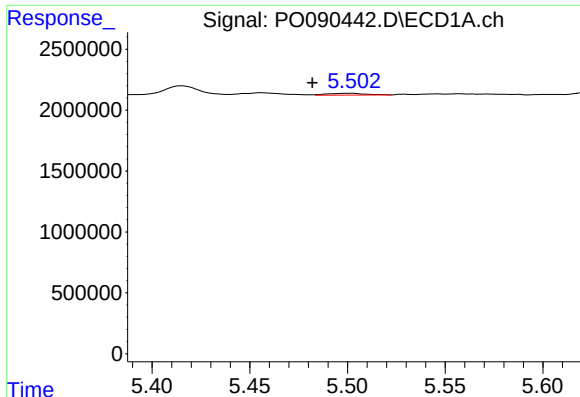
#2 Decachlorobiphenyl

R.T.: 10.051 min
Delta R.T.: -0.003 min
Response: 49823578
Conc: 20.33 ng/ml



#2 Decachlorobiphenyl

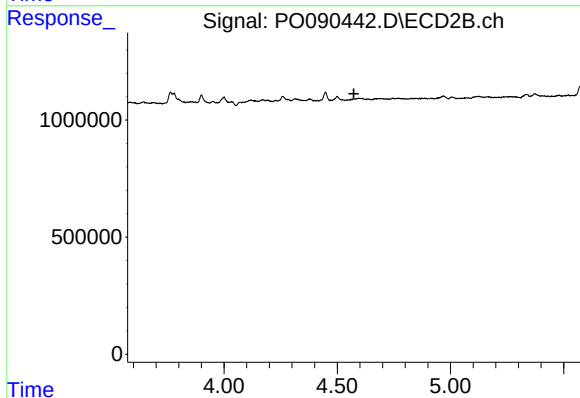
R.T.: 8.486 min
Delta R.T.: -0.011 min
Response: 21232700
Conc: 20.62 ng/ml



#3 AR-1016-1

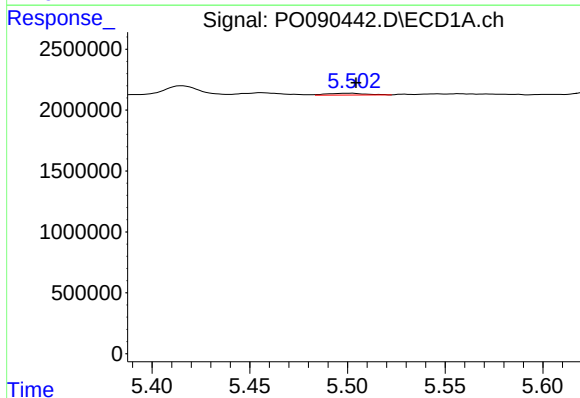
R.T.: 5.502 min
Delta R.T.: 0.020 min
Response: 200828
Conc: 1.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



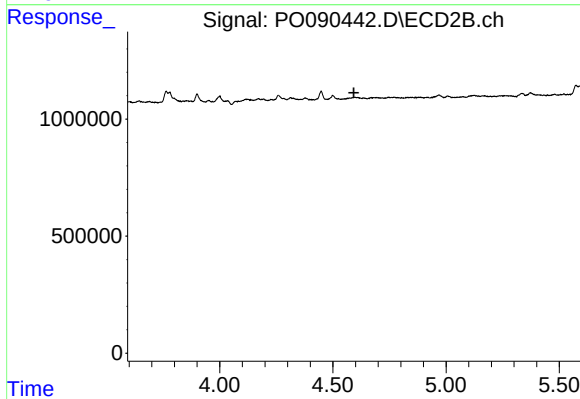
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.574 min
Response: 0
Conc: N.D.



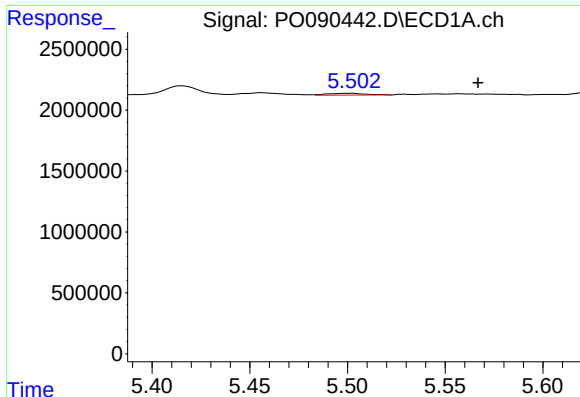
#4 AR-1016-2

R.T.: 5.502 min
Delta R.T.: -0.002 min
Response: 200828
Conc: 1.32 ng/ml



#4 AR-1016-2

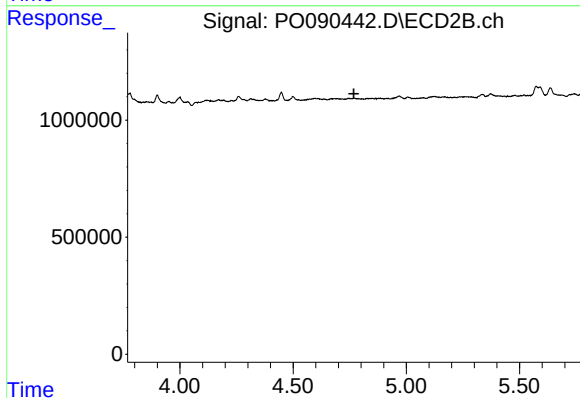
R.T.: 0.000 min
Exp R.T. : 4.593 min
Response: 0
Conc: N.D.



#5 AR-1016-3

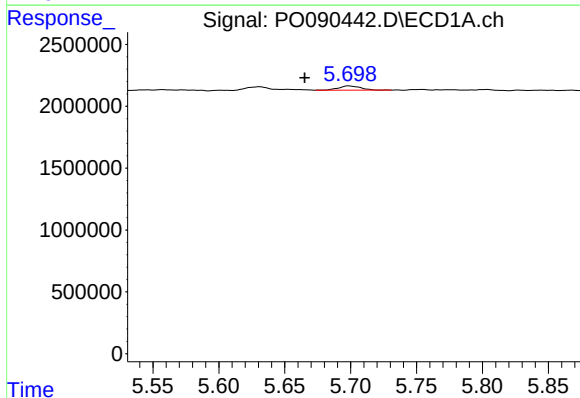
R.T.: 5.502 min
Delta R.T.: -0.065 min
Response: 200828
Conc: 2.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



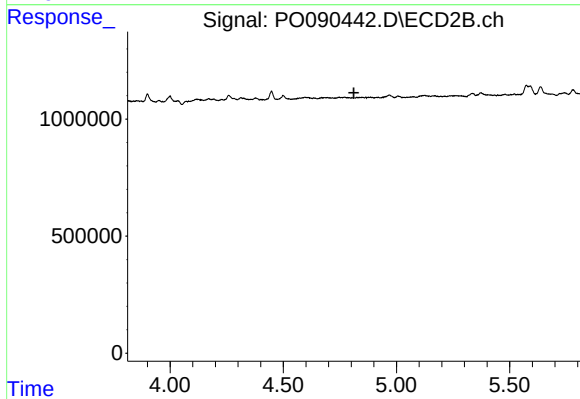
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.768 min
Response: 0
Conc: N.D.



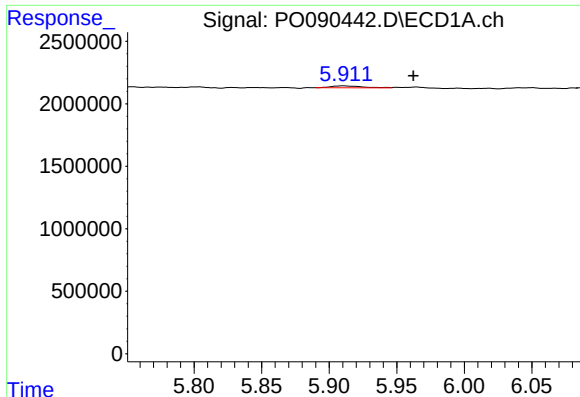
#6 AR-1016-4

R.T.: 5.698 min
Delta R.T.: 0.033 min
Response: 403377
Conc: 5.38 ng/ml



#6 AR-1016-4

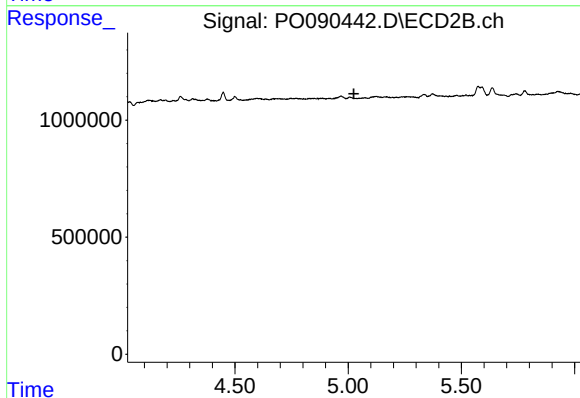
R.T.: 0.000 min
Exp R.T. : 4.811 min
Response: 0
Conc: N.D.



#7 AR-1016-5

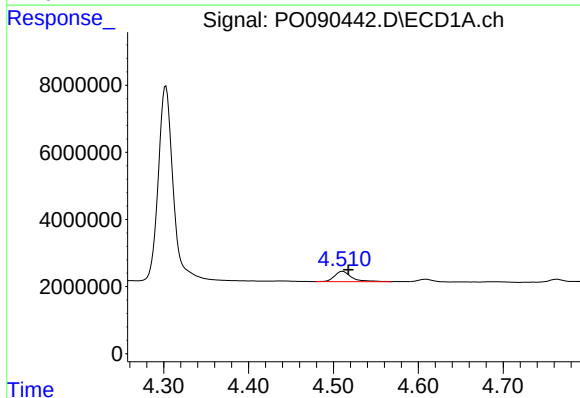
R.T.: 5.911 min
Delta R.T.: -0.051 min
Response: 254642
Conc: 3.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



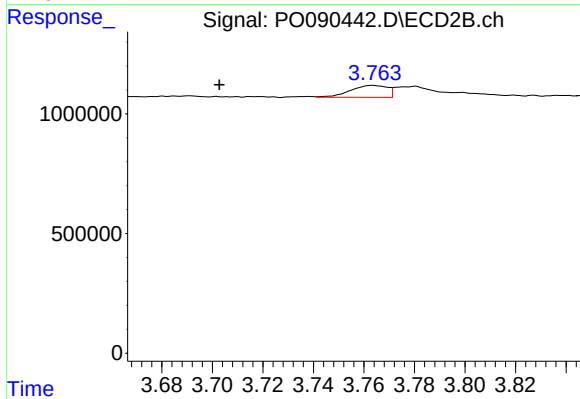
#7 AR-1016-5

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



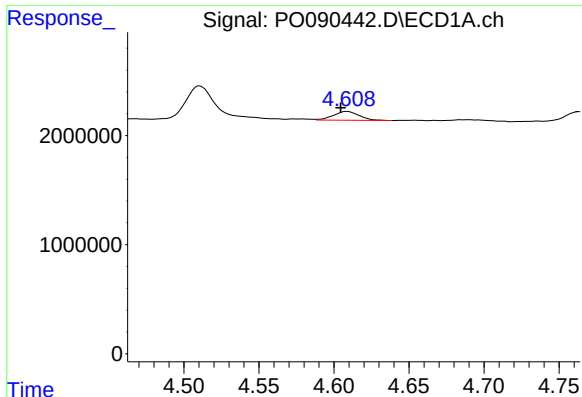
#8 AR-1221-1

R.T.: 4.511 min
Delta R.T.: -0.007 min
Response: 4380429
Conc: 114.76 ng/ml



#8 AR-1221-1

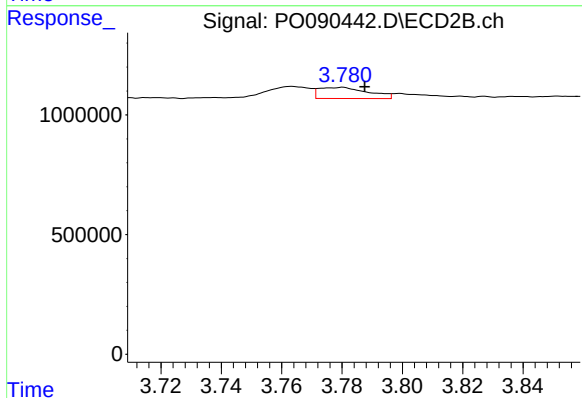
R.T.: 3.764 min
Delta R.T.: 0.061 min
Response: 514607
Conc: 38.52 ng/ml



#9 AR-1221-2

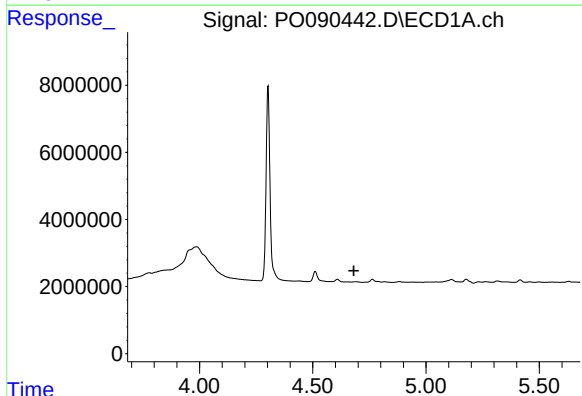
R.T.: 4.609 min
Delta R.T.: 0.004 min
Response: 971092
Conc: 34.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



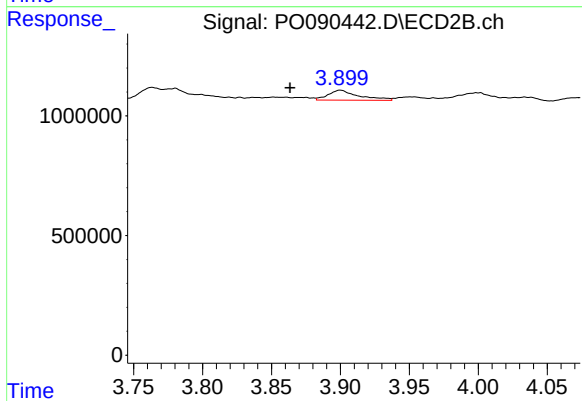
#9 AR-1221-2

R.T.: 3.780 min
Delta R.T.: -0.007 min
Response: 530928
Conc: 52.31 ng/ml



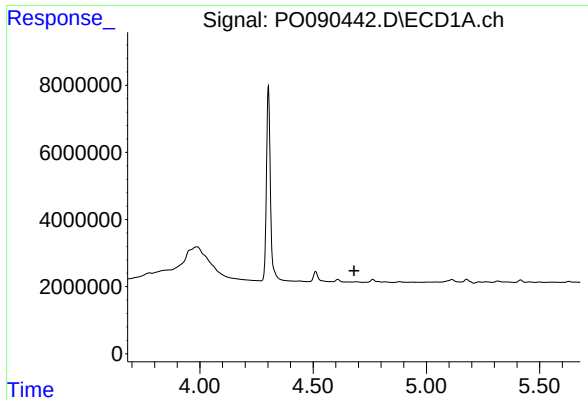
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.681 min
Response: 0
Conc: N.D.



#10 AR-1221-3

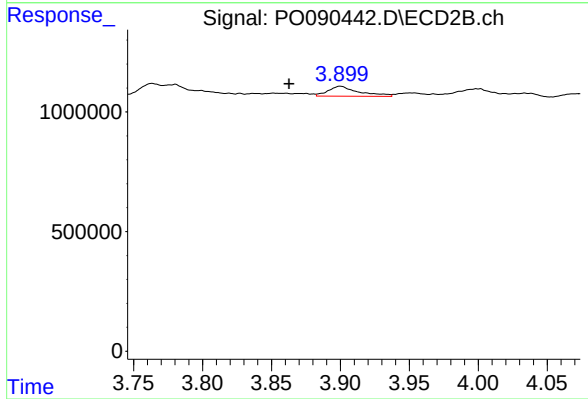
R.T.: 3.900 min
Delta R.T.: 0.036 min
Response: 643074
Conc: 20.67 ng/ml



#11 AR-1232-1

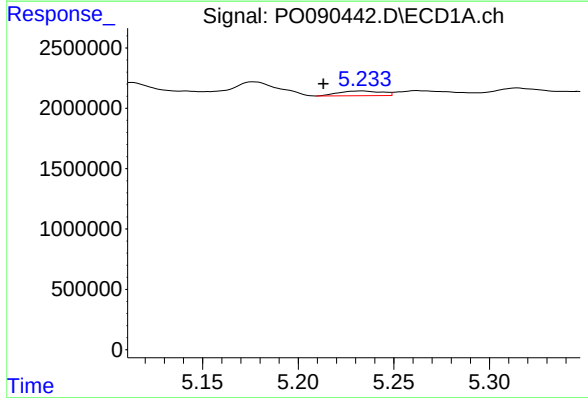
R.T.: 0.000 min
Exp R.T.: 4.681 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



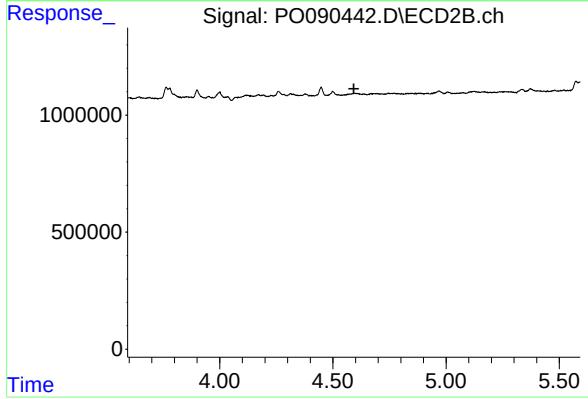
#11 AR-1232-1

R.T.: 3.900 min
Delta R.T.: 0.037 min
Response: 643074
Conc: 27.03 ng/ml



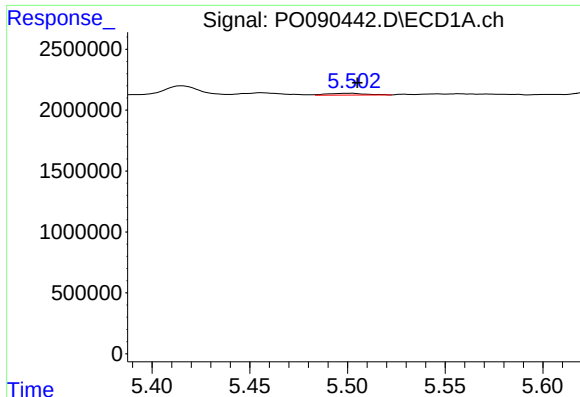
#12 AR-1232-2

R.T.: 5.233 min
Delta R.T.: 0.020 min
Response: 622037
Conc: 16.18 ng/ml



#12 AR-1232-2

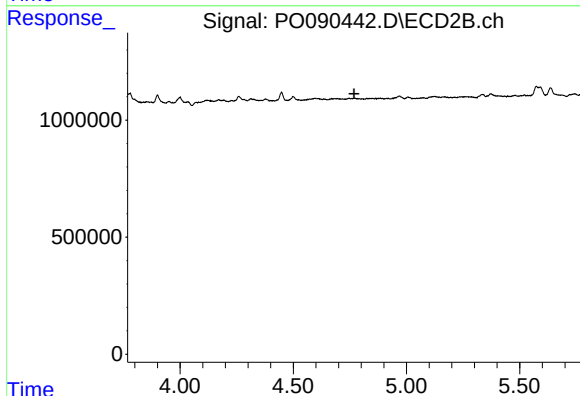
R.T.: 0.000 min
Exp R.T.: 4.592 min
Response: 0
Conc: N.D.



#13 AR-1232-3

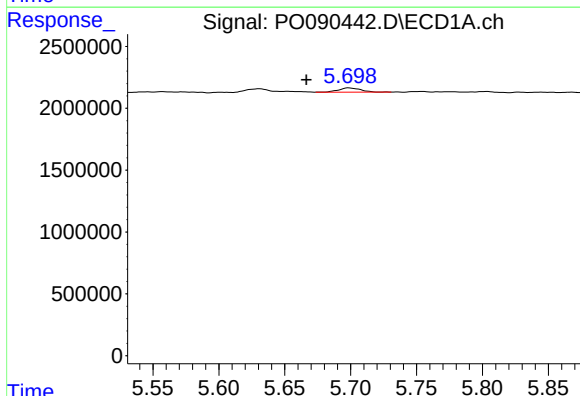
R.T.: 5.502 min
Delta R.T.: -0.003 min
Response: 200828
Conc: 3.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



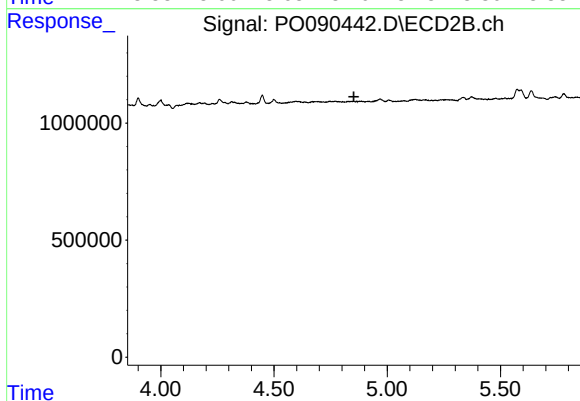
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.768 min
Response: 0
Conc: N.D.



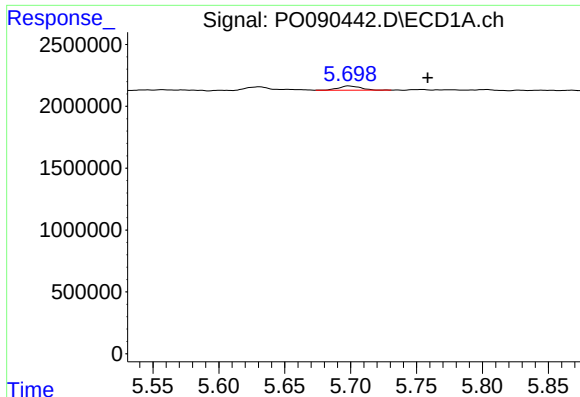
#14 AR-1232-4

R.T.: 5.698 min
Delta R.T.: 0.032 min
Response: 403377
Conc: 12.22 ng/ml



#14 AR-1232-4

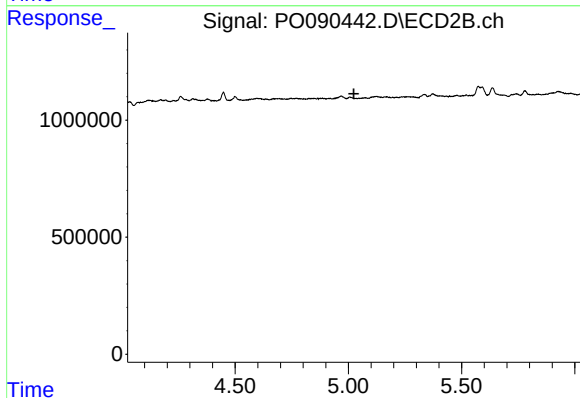
R.T.: 0.000 min
Exp R.T. : 4.853 min
Response: 0
Conc: N.D.



#15 AR-1232-5

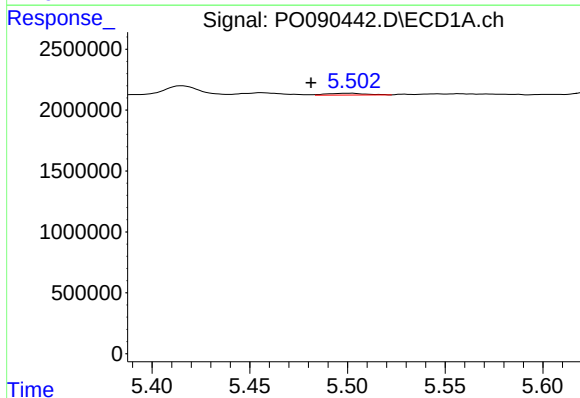
R.T.: 5.698 min
Delta R.T.: -0.060 min
Response: 403377
Conc: 15.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



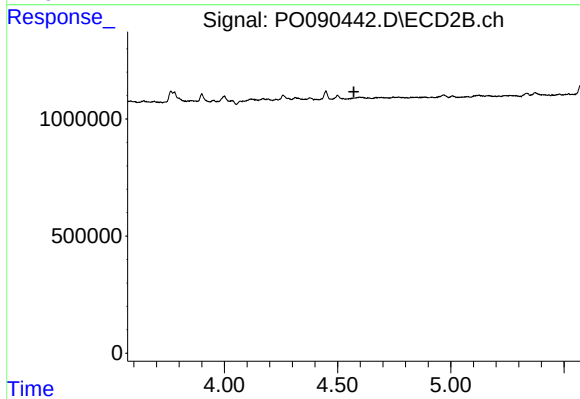
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.024 min
Response: 0
Conc: N.D.



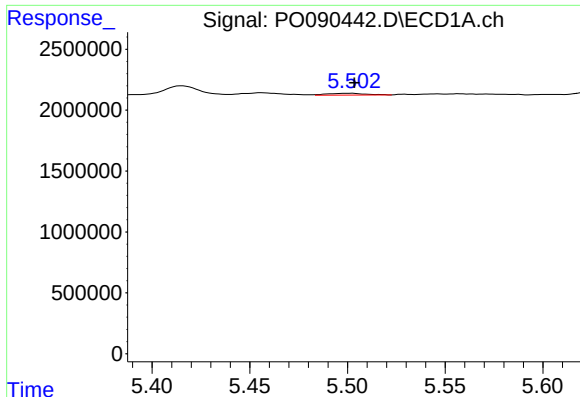
#16 AR-1242-1

R.T.: 5.502 min
Delta R.T.: 0.020 min
Response: 200828
Conc: 2.43 ng/ml



#16 AR-1242-1

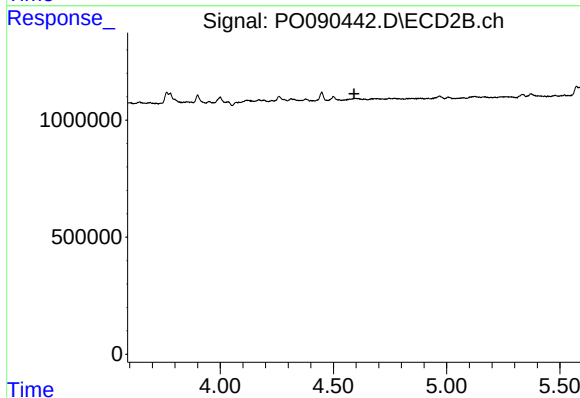
R.T.: 0.000 min
Exp R.T. : 4.572 min
Response: 0
Conc: N.D.



#17 AR-1242-2

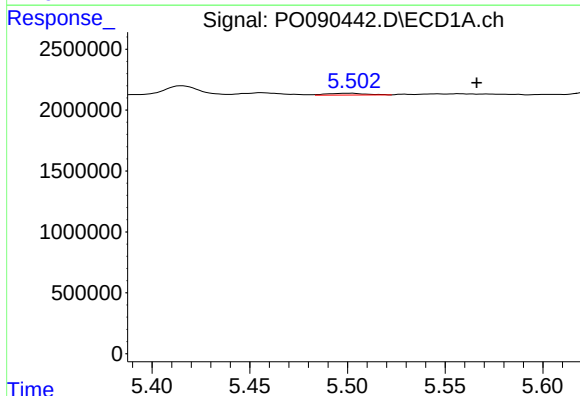
R.T.: 5.502 min
Delta R.T.: -0.002 min
Response: 200828
Conc: 1.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



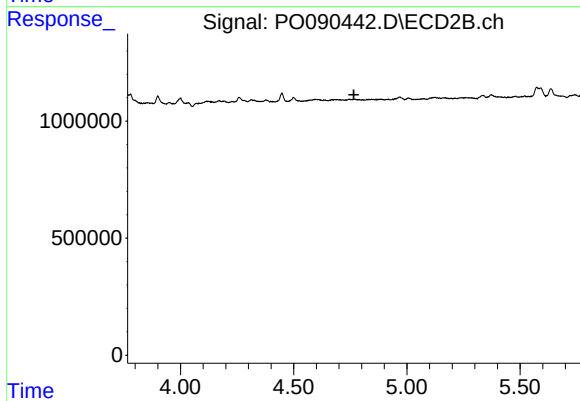
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.591 min
Response: 0
Conc: N.D.



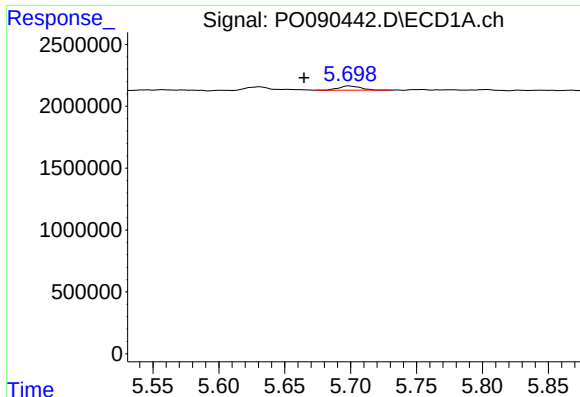
#18 AR-1242-3

R.T.: 5.502 min
Delta R.T.: -0.064 min
Response: 200828
Conc: 2.70 ng/ml



#18 AR-1242-3

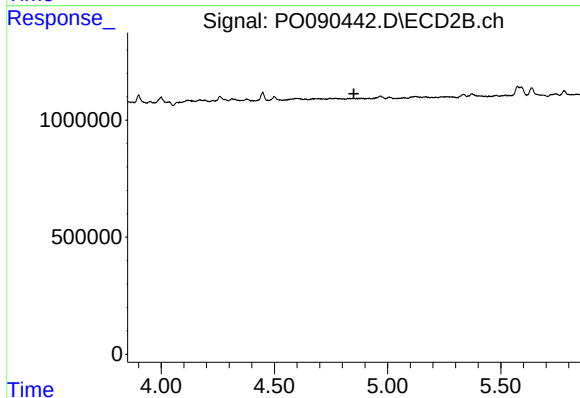
R.T.: 0.000 min
Exp R.T. : 4.766 min
Response: 0
Conc: N.D.



#19 AR-1242-4

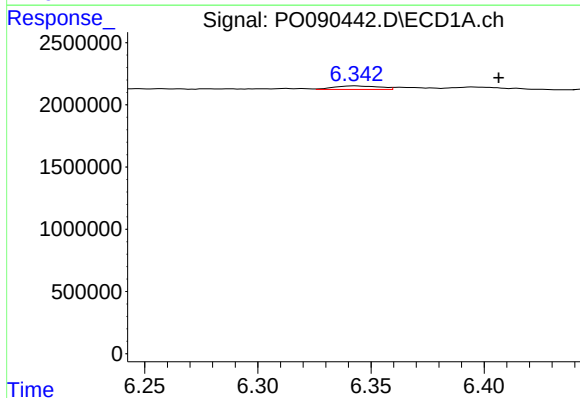
R.T.: 5.698 min
Delta R.T.: 0.034 min
Response: 403377
Conc: 6.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



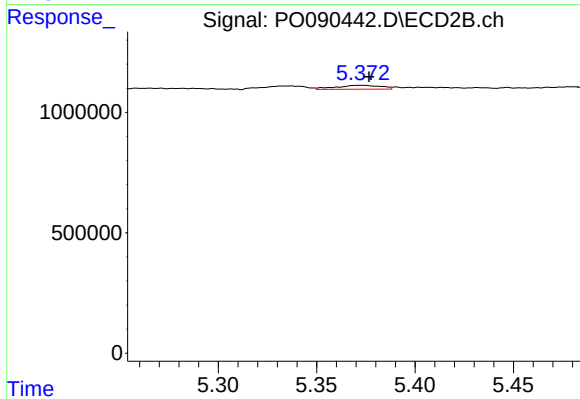
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.851 min
Response: 0
Conc: N.D.



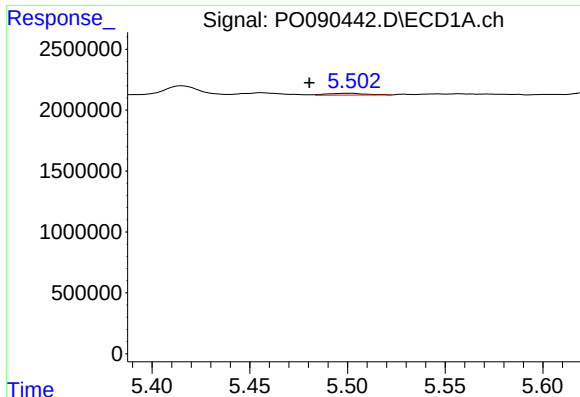
#20 AR-1242-5

R.T.: 6.343 min
Delta R.T.: -0.063 min
Response: 399389
Conc: 6.50 ng/ml



#20 AR-1242-5

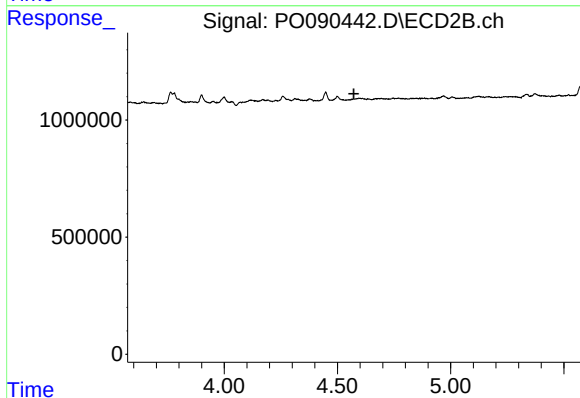
R.T.: 5.372 min
Delta R.T.: -0.004 min
Response: 250171
Conc: 8.75 ng/ml



#21 AR-1248-1

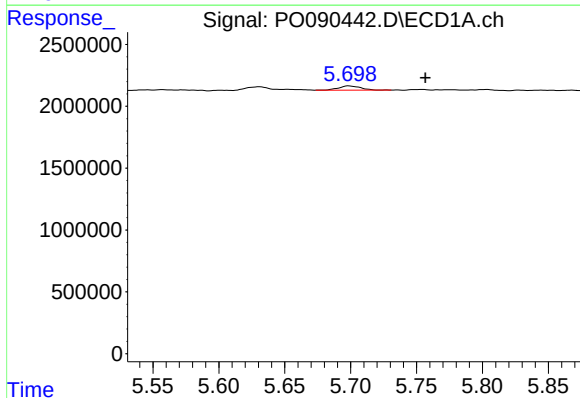
R.T.: 5.502 min
Delta R.T.: 0.021 min
Response: 200828
Conc: 3.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



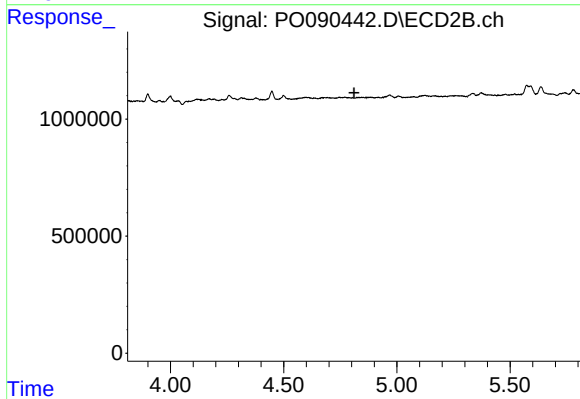
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.573 min
Response: 0
Conc: N.D.



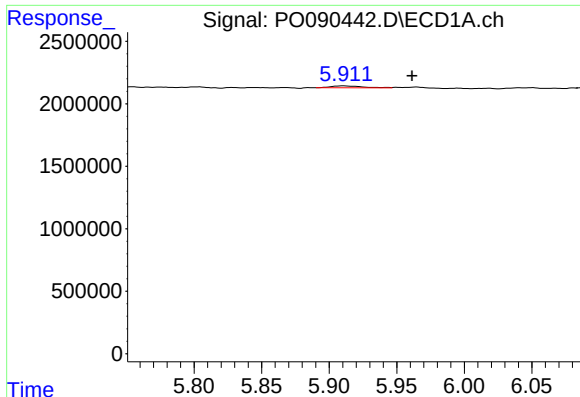
#22 AR-1248-2

R.T.: 5.698 min
Delta R.T.: -0.058 min
Response: 403377
Conc: 4.26 ng/ml



#22 AR-1248-2

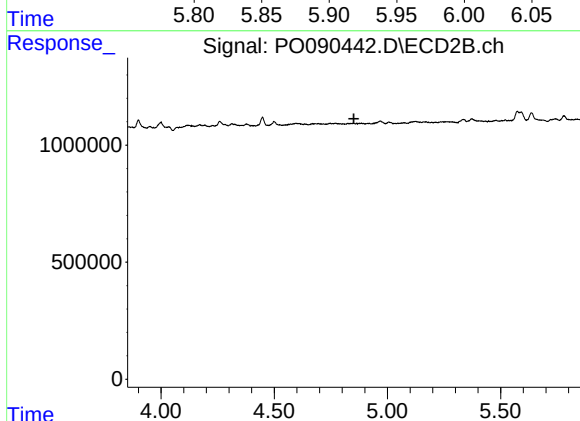
R.T.: 0.000 min
Exp R.T. : 4.811 min
Response: 0
Conc: N.D.



#23 AR-1248-3

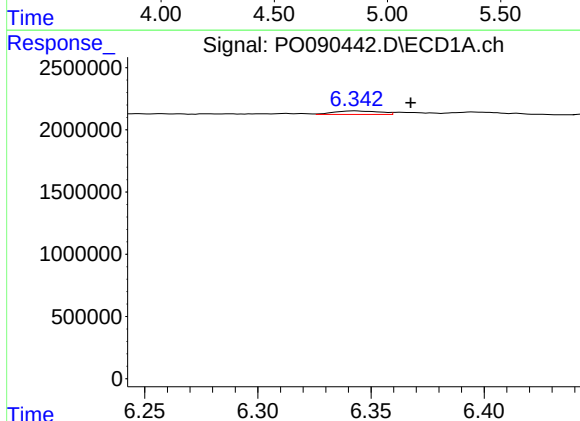
R.T.: 5.911 min
Delta R.T.: -0.050 min
Response: 254642
Conc: 2.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



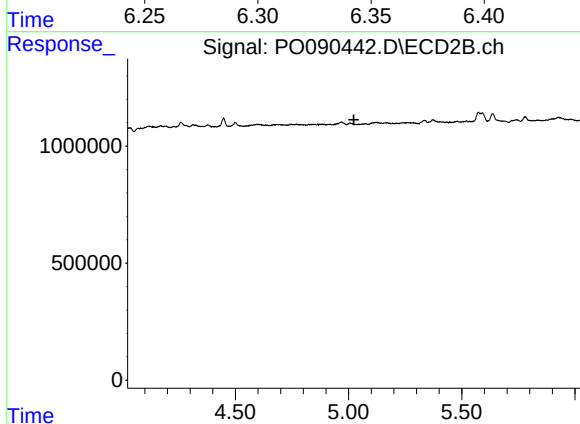
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.852 min
Response: 0
Conc: N.D.



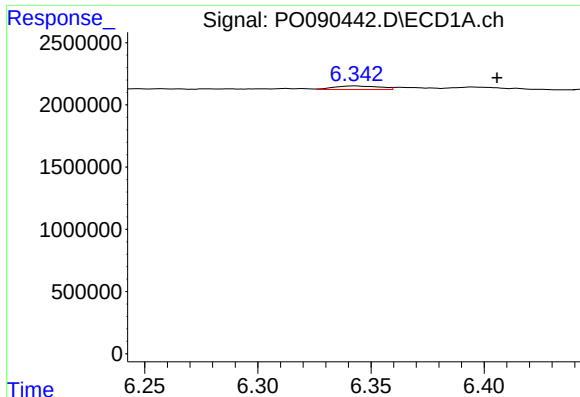
#24 AR-1248-4

R.T.: 6.343 min
Delta R.T.: -0.025 min
Response: 399389
Conc: 3.75 ng/ml



#24 AR-1248-4

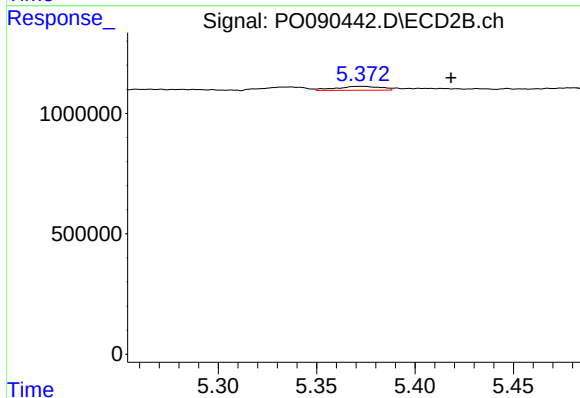
R.T.: 0.000 min
Exp R.T. : 5.023 min
Response: 0
Conc: N.D.



#25 AR-1248-5

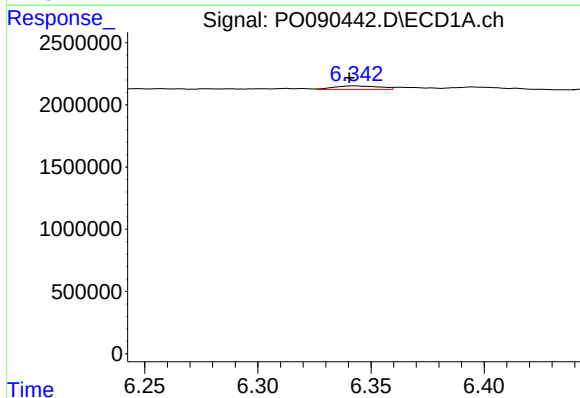
R.T.: 6.343 min
Delta R.T.: -0.063 min
Response: 399389
Conc: 3.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



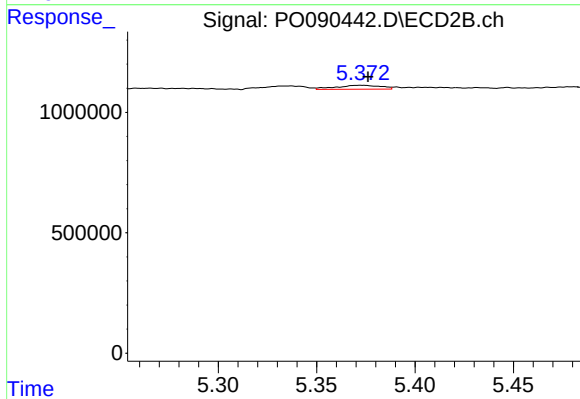
#25 AR-1248-5

R.T.: 5.372 min
Delta R.T.: -0.046 min
Response: 250171
Conc: 6.91 ng/ml



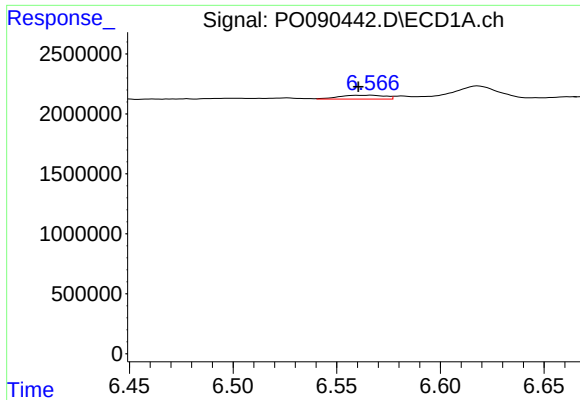
#26 AR-1254-1

R.T.: 6.343 min
Delta R.T.: 0.003 min
Response: 399389
Conc: 3.45 ng/ml



#26 AR-1254-1

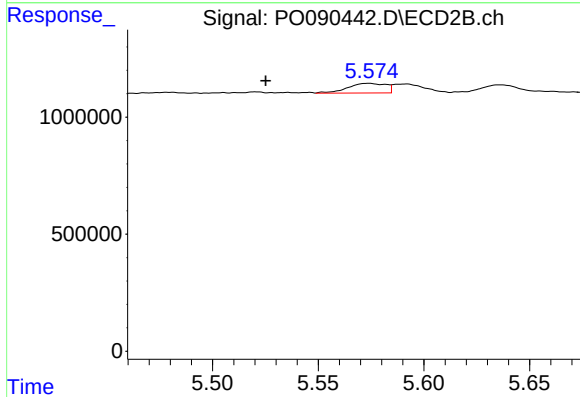
R.T.: 5.372 min
Delta R.T.: -0.004 min
Response: 250171
Conc: 4.25 ng/ml



#27 AR-1254-2

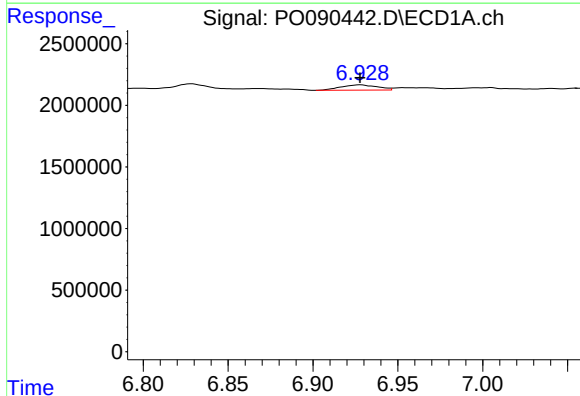
R.T.: 6.567 min
Delta R.T.: 0.006 min
Response: 502596
Conc: 2.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



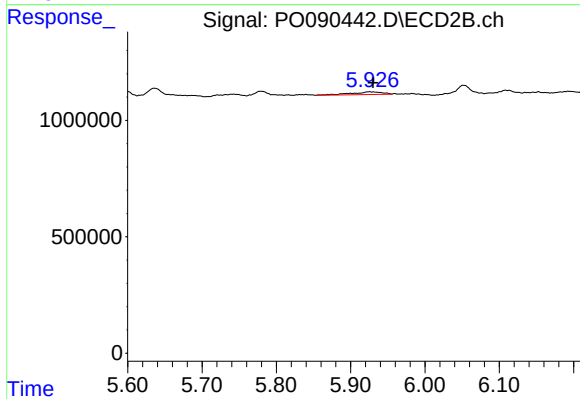
#27 AR-1254-2

R.T.: 5.574 min
Delta R.T.: 0.049 min
Response: 520773
Conc: 9.72 ng/ml



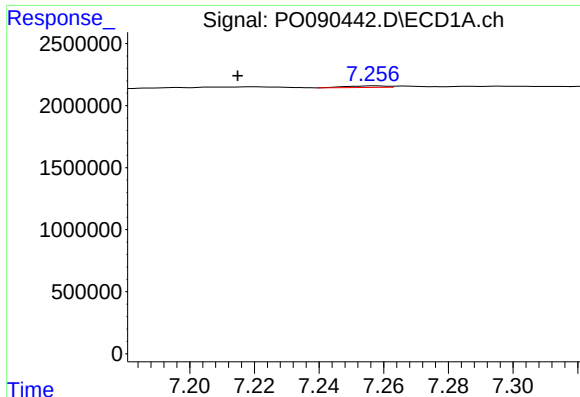
#28 AR-1254-3

R.T.: 6.928 min
Delta R.T.: 0.000 min
Response: 640101
Conc: 3.69 ng/ml



#28 AR-1254-3

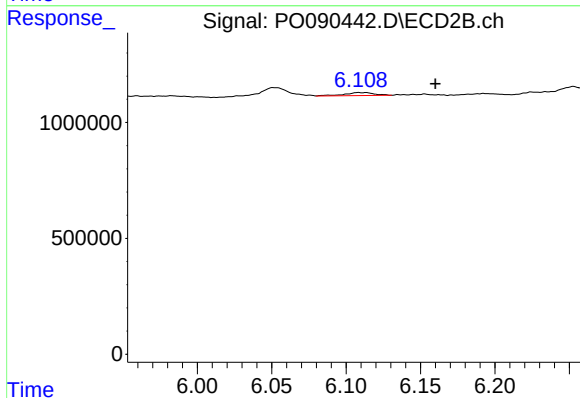
R.T.: 5.925 min
Delta R.T.: -0.005 min
Response: 320344
Conc: 3.87 ng/ml



#29 AR-1254-4

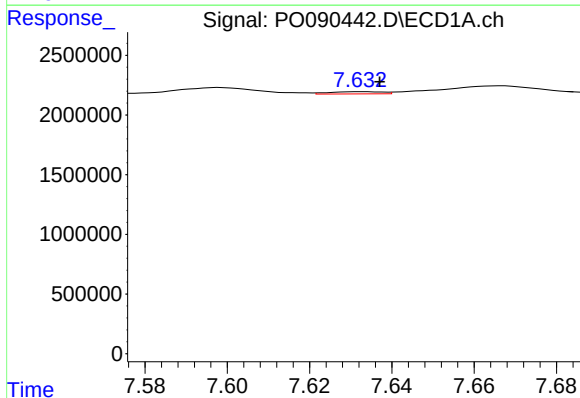
R.T.: 7.257 min
Delta R.T.: 0.042 min
Response: 102369
Conc: 0.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



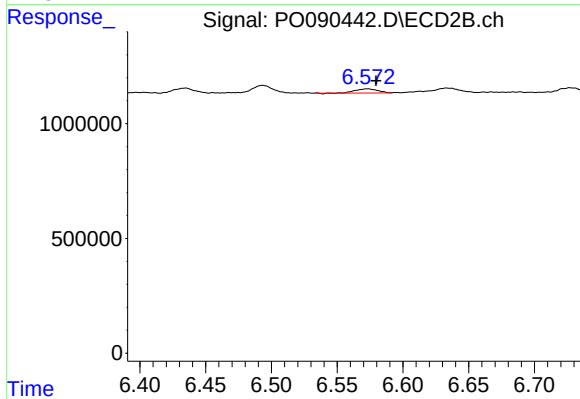
#29 AR-1254-4

R.T.: 6.108 min
Delta R.T.: -0.052 min
Response: 178651
Conc: 3.60 ng/ml



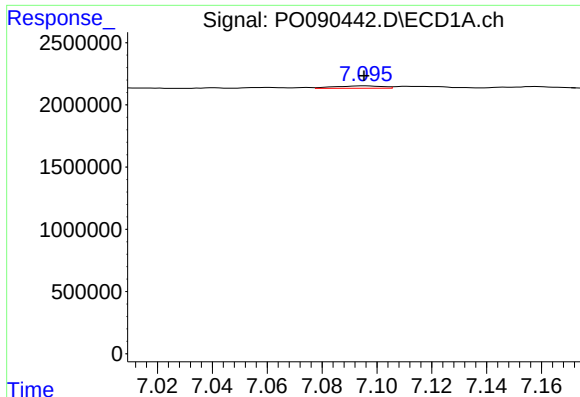
#30 AR-1254-5

R.T.: 7.633 min
Delta R.T.: -0.004 min
Response: 160416
Conc: 1.14 ng/ml



#30 AR-1254-5

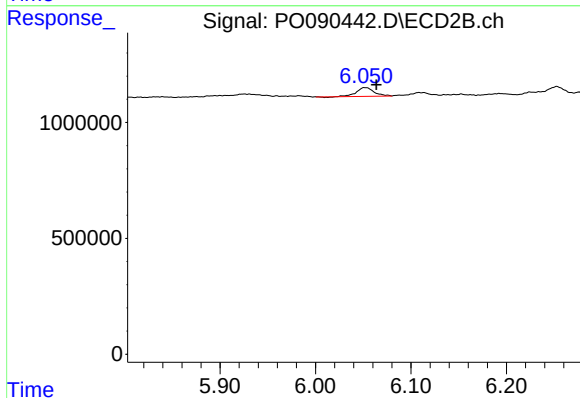
R.T.: 6.573 min
Delta R.T.: -0.006 min
Response: 205198
Conc: 2.74 ng/ml



#31 AR-1260-1

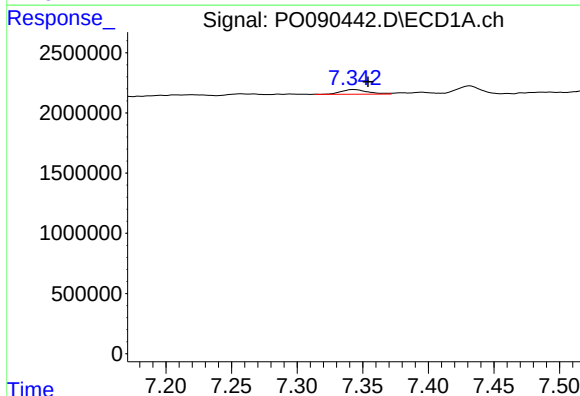
R.T.: 7.096 min
Delta R.T.: 0.000 min
Response: 228635
Conc: 1.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



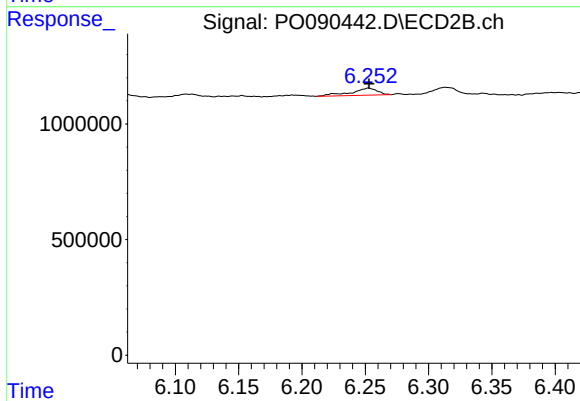
#31 AR-1260-1

R.T.: 6.052 min
Delta R.T.: -0.012 min
Response: 474141
Conc: 7.88 ng/ml



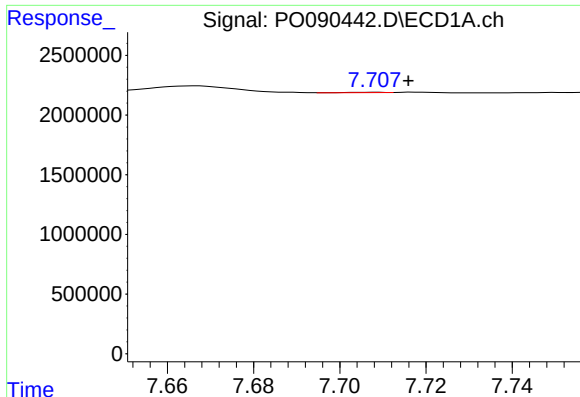
#32 AR-1260-2

R.T.: 7.343 min
Delta R.T.: -0.011 min
Response: 558761
Conc: 3.45 ng/ml



#32 AR-1260-2

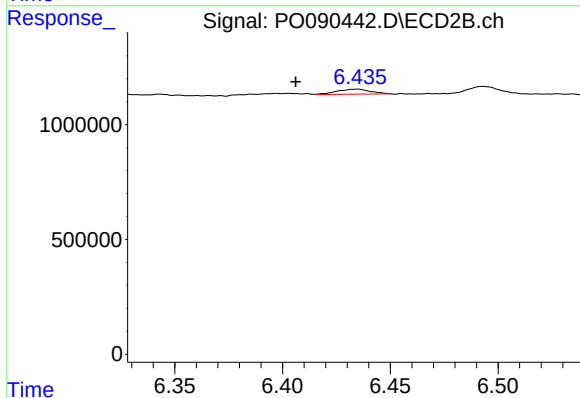
R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 444229
Conc: 6.15 ng/ml



#33 AR-1260-3

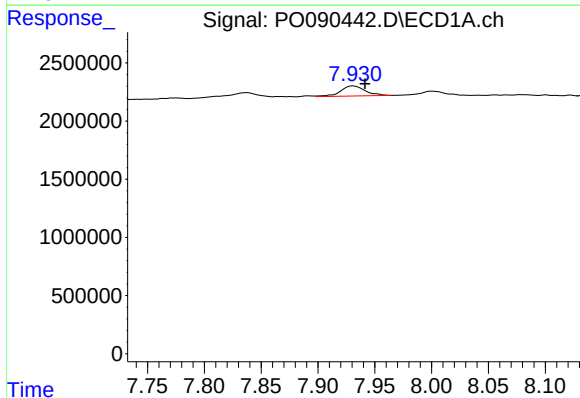
R.T.: 7.708 min
Delta R.T.: -0.008 min
Response: 17649
Conc: 0.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



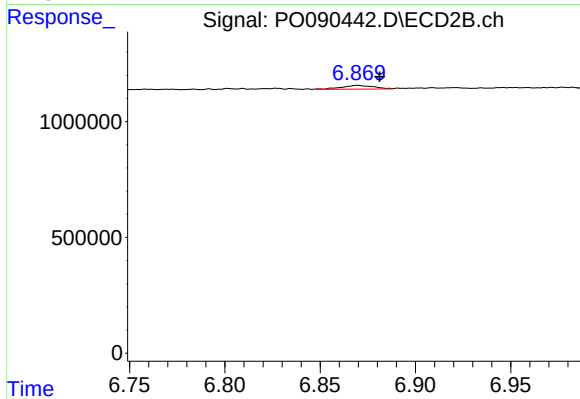
#33 AR-1260-3

R.T.: 6.434 min
Delta R.T.: 0.028 min
Response: 241112
Conc: 3.62 ng/ml



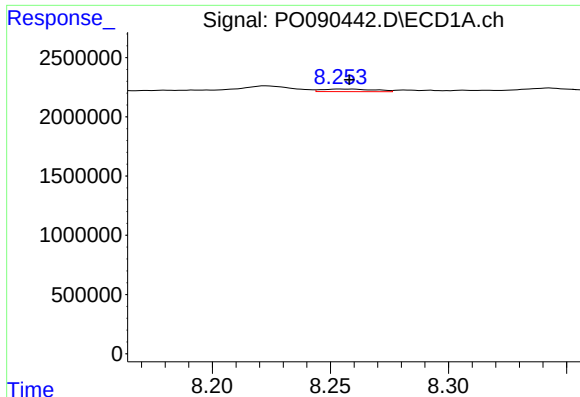
#34 AR-1260-4

R.T.: 7.931 min
Delta R.T.: -0.010 min
Response: 1294185
Conc: 10.48 ng/ml



#34 AR-1260-4

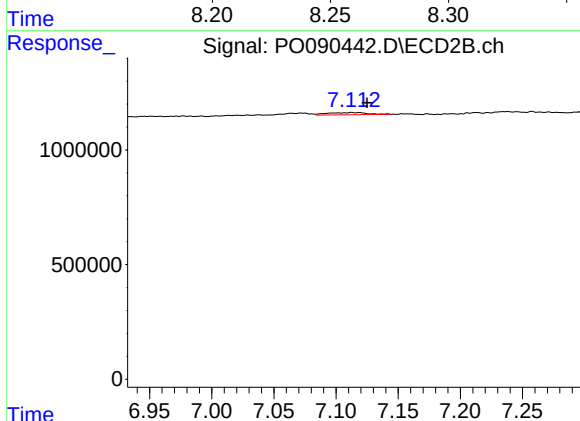
R.T.: 6.870 min
Delta R.T.: -0.012 min
Response: 185009
Conc: 3.64 ng/ml



#35 AR-1260-5

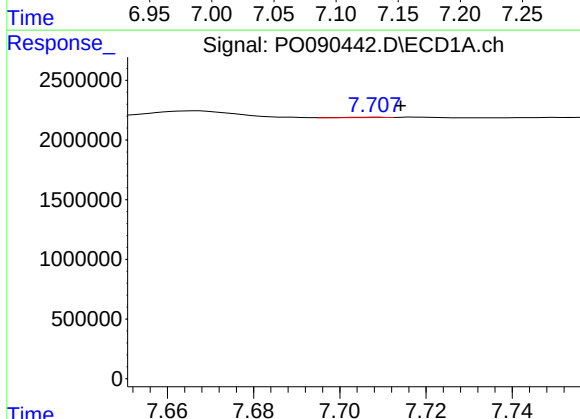
R.T.: 8.254 min
Delta R.T.: -0.004 min
Response: 336897
Conc: 1.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



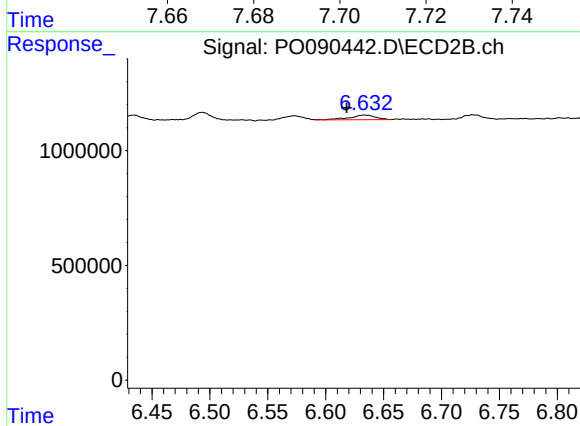
#35 AR-1260-5

R.T.: 7.113 min
Delta R.T.: -0.012 min
Response: 219858
Conc: 1.89 ng/ml



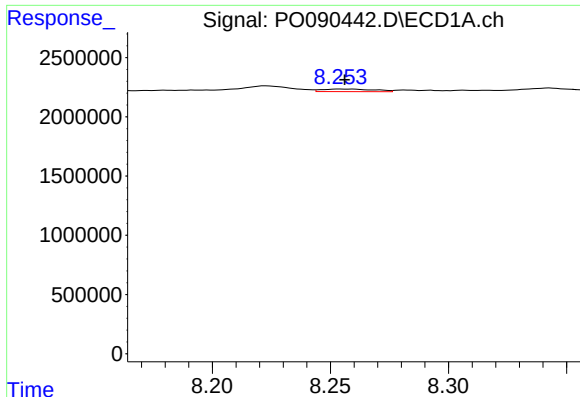
#36 AR-1262-1

R.T.: 7.708 min
Delta R.T.: -0.006 min
Response: 17649
Conc: 0.11 ng/ml



#36 AR-1262-1

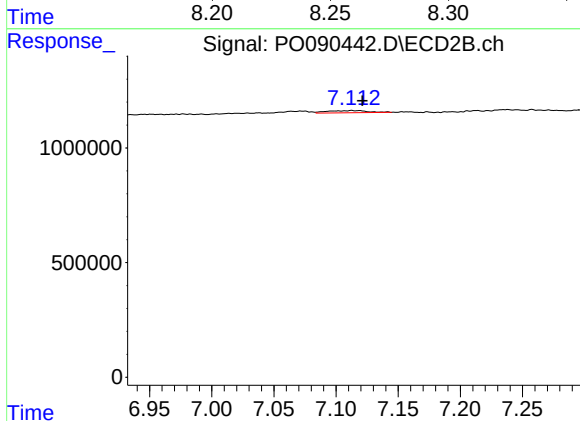
R.T.: 6.633 min
Delta R.T.: 0.015 min
Response: 304593
Conc: 4.02 ng/ml



#37 AR-1262-2

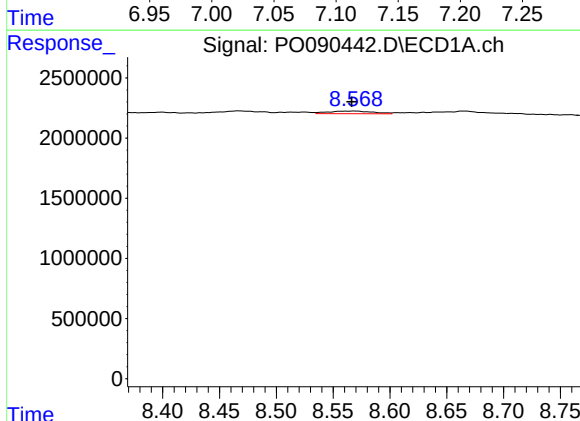
R.T.: 8.254 min
Delta R.T.: -0.002 min
Response: 336897
Conc: 1.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



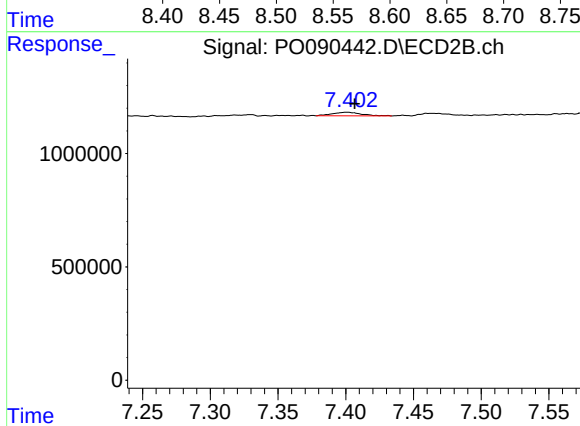
#37 AR-1262-2

R.T.: 7.113 min
Delta R.T.: -0.009 min
Response: 219858
Conc: 1.71 ng/ml



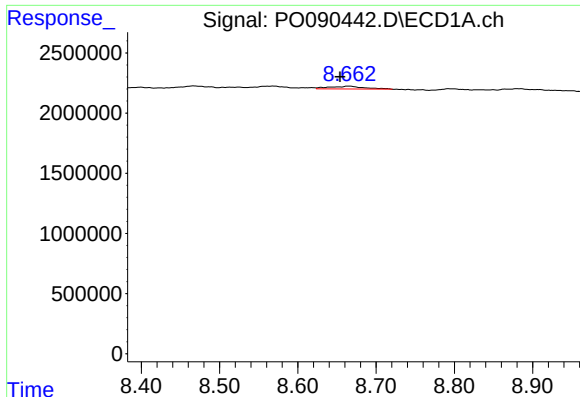
#38 AR-1262-3

R.T.: 8.569 min
Delta R.T.: 0.002 min
Response: 588030
Conc: 2.99 ng/ml



#38 AR-1262-3

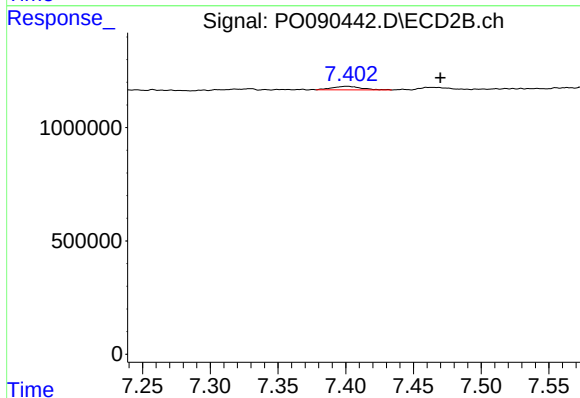
R.T.: 7.401 min
Delta R.T.: -0.006 min
Response: 232696
Conc: 4.27 ng/ml



#39 AR-1262-4

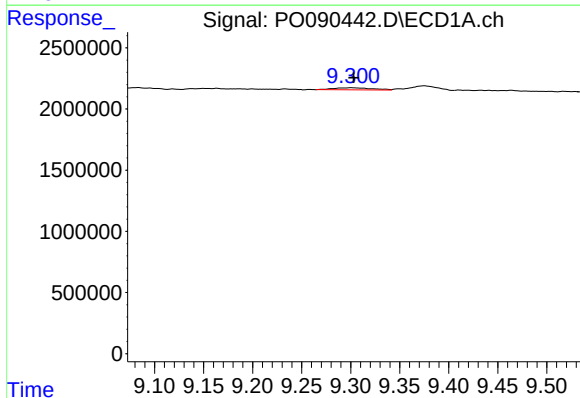
R.T.: 8.664 min
Delta R.T.: 0.010 min
Response: 723842
Conc: 7.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



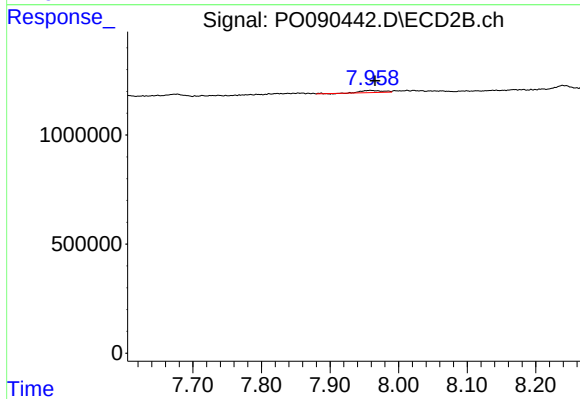
#39 AR-1262-4

R.T.: 7.401 min
Delta R.T.: -0.069 min
Response: 232696
Conc: 2.40 ng/ml



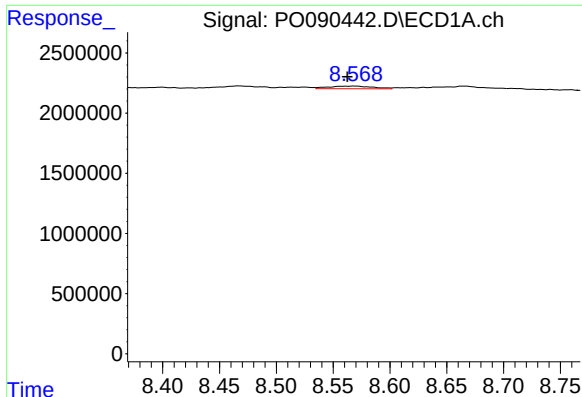
#40 AR-1262-5

R.T.: 9.300 min
Delta R.T.: -0.003 min
Response: 461559
Conc: 4.38 ng/ml



#40 AR-1262-5

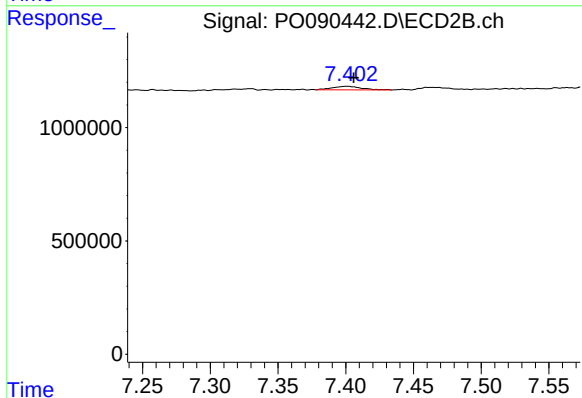
R.T.: 7.958 min
Delta R.T.: -0.007 min
Response: 215159
Conc: 4.53 ng/ml



#41 AR-1268-1

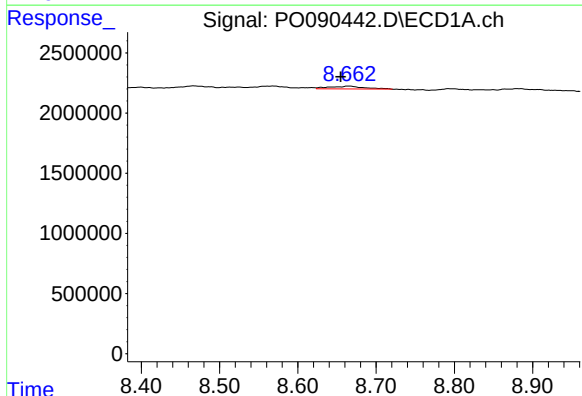
R.T.: 8.569 min
Delta R.T.: 0.006 min
Response: 588030
Conc: 1.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



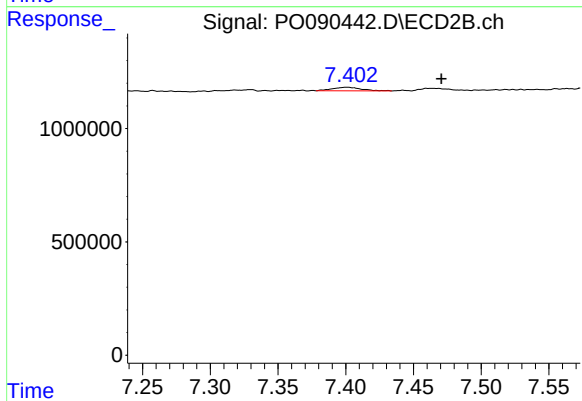
#41 AR-1268-1

R.T.: 7.401 min
Delta R.T.: -0.005 min
Response: 232696
Conc: 1.48 ng/ml



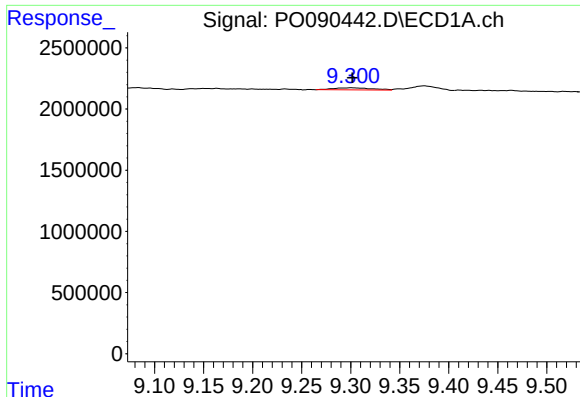
#42 AR-1268-2

R.T.: 8.664 min
Delta R.T.: 0.009 min
Response: 723842
Conc: 2.32 ng/ml



#42 AR-1268-2

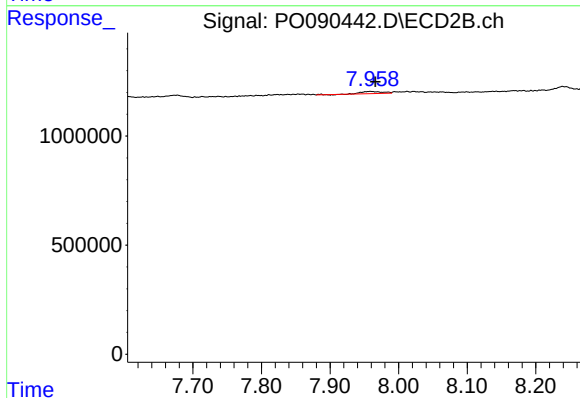
R.T.: 7.401 min
Delta R.T.: -0.070 min
Response: 232696
Conc: 1.66 ng/ml



#44 AR-1268-4

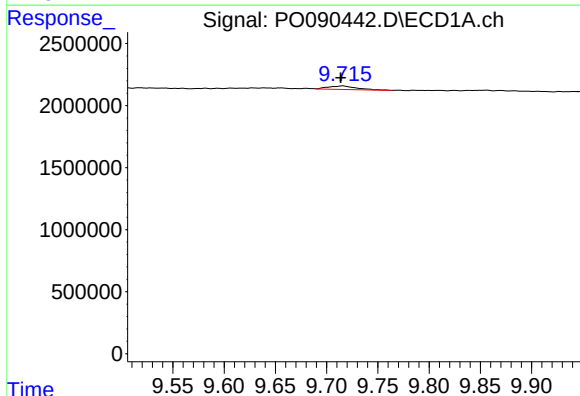
R.T.: 9.300 min
Delta R.T.: -0.001 min
Response: 461559
Conc: 3.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



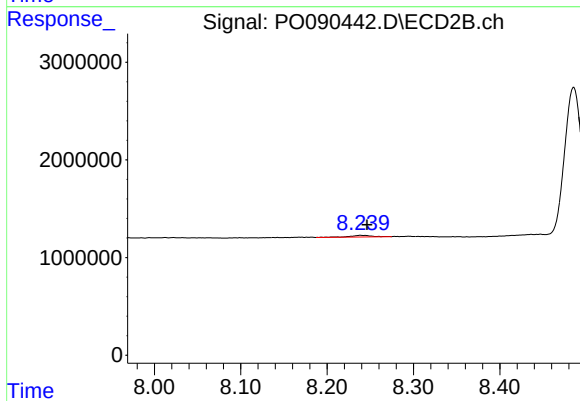
#44 AR-1268-4

R.T.: 7.958 min
Delta R.T.: -0.007 min
Response: 215159
Conc: 3.96 ng/ml



#45 AR-1268-5

R.T.: 9.716 min
Delta R.T.: 0.002 min
Response: 546124
Conc: 0.64 ng/ml



#45 AR-1268-5

R.T.: 8.239 min
Delta R.T.: -0.007 min
Response: 283216
Conc: 0.81 ng/ml