

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0063022\
 Data File : P0087640.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jun 2022 13:28
 Operator : YP/AJ
 Sample : N3214-02
 Misc : AR1232 LOQ 50 PPB
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 30 16:31:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 28 02:46:21 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...	4.449	3.609	44838701	17966360	17.323	18.259
2)	SA Decachlor...	10.302	8.611	41439640	13330300	20.287	16.444
Target Compounds							
3)	L1 AR-1016-1	5.625	4.687	1615184	605609	17.996	15.144
4)	L1 AR-1016-2	5.647	4.706	2205096	900833	17.545	16.158
5)	L1 AR-1016-3	5.710	4.882	1480873	470030	19.027	15.966
6)	L1 AR-1016-4	5.810	4.924	1108300	350375	18.132	14.580
7)	L1 AR-1016-5	6.107	5.137	1005806	494190	16.783	16.156
8)	L2 AR-1221-1	4.660	3.821	2209151	356147	71.817	30.326 #
9)	L2 AR-1221-2	4.748	3.904	1247247	939940	55.025	105.721 #
10)	L2 AR-1221-3	4.821	3.981	2547000	1028604	36.417	36.770
11)	L3 AR-1232-1	4.821	3.981	2547000	1028604	38.910	39.624
12)	L3 AR-1232-2	5.160	4.706	1204142	900833	37.291	36.943
13)	L3 AR-1232-3	5.647	4.882	2205096	470030	36.565	37.847
14)	L3 AR-1232-4	5.810	4.966	1108300	442562	37.852	39.033
15)	L3 AR-1232-5	5.901	5.137	849277	494190	34.441	39.381
16)	L4 AR-1242-1	5.625	4.687	1615184	605609	22.274	21.219
17)	L4 AR-1242-2	5.647	4.706	2205096	900833	21.597	23.093
18)	L4 AR-1242-3	5.710	4.882	1480873	470030	23.058	22.550
19)	L4 AR-1242-4	5.810	4.966	1108300	442562	21.771	20.948
20)	L4 AR-1242-5	6.552	5.488	1319436	496461	24.851	18.992
21)	L5 AR-1248-1	5.625	4.687	1615184	605609	28.135	26.097
22)	L5 AR-1248-2	5.901	4.924	849277	350375	10.187	11.148
23)	L5 AR-1248-3	6.107	4.966	1005806	442562	11.226	13.635
24)	L5 AR-1248-4	6.512	5.137	1127359	494190	11.461	12.810
25)	L5 AR-1248-5	6.552	5.530	1319436	453217	13.726	12.433
26)	L6 AR-1254-1	6.486	5.488	936655	496461	9.344	8.981
27)	L6 AR-1254-2	6.711	5.704f	1262165	383278	8.271	7.835
28)	L6 AR-1254-3	7.077	6.042	2198330	268495	14.433	3.538 #
29)	L6 AR-1254-4	7.360	6.341f	924239	203736	8.396	4.488 #
30)	L6 AR-1254-5	7.758	0.000	30035	0	0.250	N.D. #
31)	L7 AR-1260-1	7.245	0.000	352594	0	3.145	N.D. #
32)	L7 AR-1260-2	7.514	6.341	687395	203736	5.044	3.011 #
33)	L7 AR-1260-3	7.812f	6.582f	286016	150314	3.054	2.380
34)	L7 AR-1260-4	8.081	0.000	148050	0	1.415	N.D. #
35)	L7 AR-1260-5	8.421	7.237	228733	98588	1.160	0.915
36)	L8 AR-1262-1	7.812f	0.000	286016	0	1.998	N.D. #
37)	L8 AR-1262-2	8.421	7.237	228733	98588	0.910	0.929
38)	L8 AR-1262-3	8.792f	0.000	214135	0	1.184	N.D. #
39)	L8 AR-1262-4	8.835	7.635f	154924	443527	1.793	5.929 #
40)	L8 AR-1262-5	9.520	0.000	637725	0	6.657	N.D. #
41)	L9 AR-1268-1	8.792f	0.000	214135	0	0.730	N.D. #

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 Acq On : 30 Jun 2022 13:28
 Operator : YP/AJ
 Sample : N3214-02
 Misc : AR1232 LOQ 50 PPB
 ALS Vial : 17 Sample Multiplier: 1

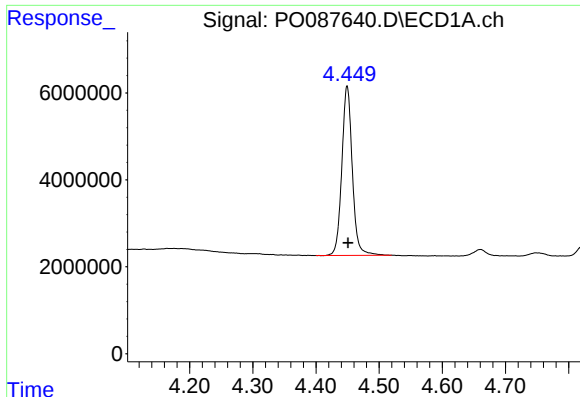
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 30 16:31:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0062722.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	8.835	7.635f	154924	443527	0.576	4.320 #
43) L9	AR-1268-3	9.070	0.000	359223	0	1.537	N.D. #
44) L9	AR-1268-4	9.520	0.000	637725	0	6.238	N.D. #
45) L9	AR-1268-5	9.943	8.357	293326	826168	0.388	3.299 #

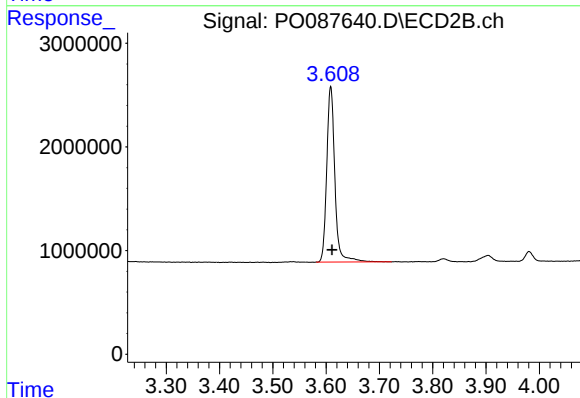
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

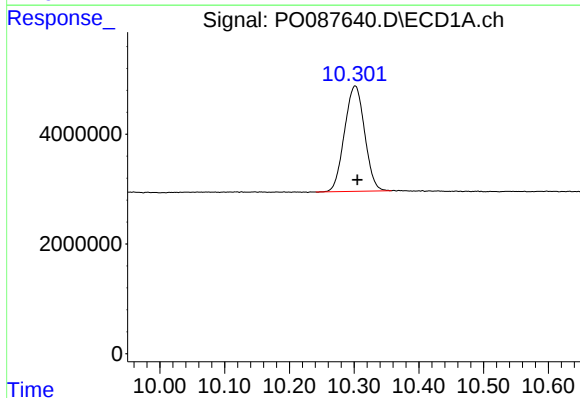
R.T.: 4.449 min
Delta R.T.: -0.002 min
Response: 44838701
Conc: 17.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



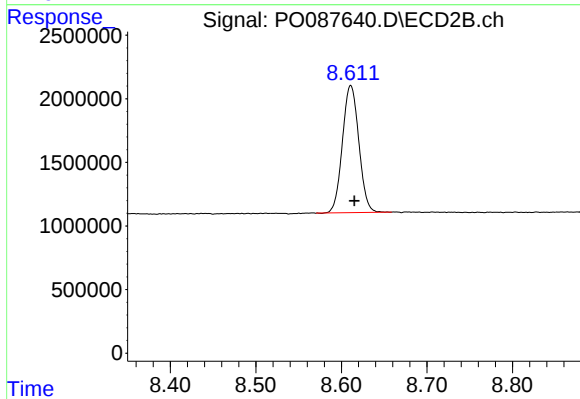
#1 Tetrachloro-m-xylene

R.T.: 3.609 min
Delta R.T.: -0.002 min
Response: 17966360
Conc: 18.26 ng/ml



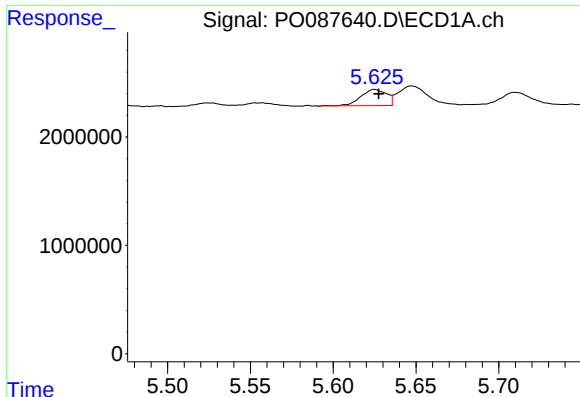
#2 Decachlorobiphenyl

R.T.: 10.302 min
Delta R.T.: -0.004 min
Response: 41439640
Conc: 20.29 ng/ml



#2 Decachlorobiphenyl

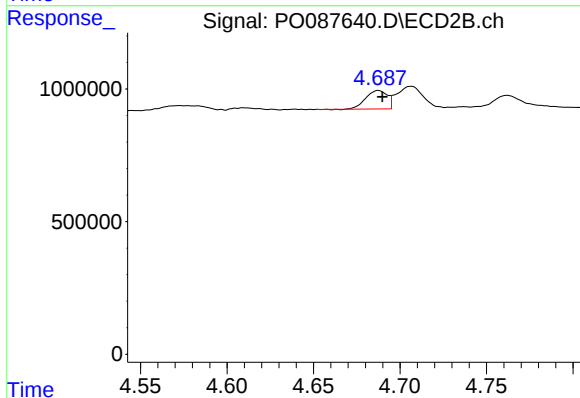
R.T.: 8.611 min
Delta R.T.: -0.004 min
Response: 13330300
Conc: 16.44 ng/ml



#3 AR-1016-1

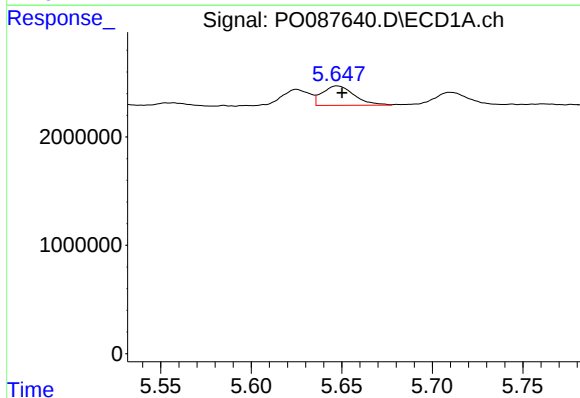
R.T.: 5.625 min
Delta R.T.: -0.002 min
Response: 1615184
Conc: 18.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



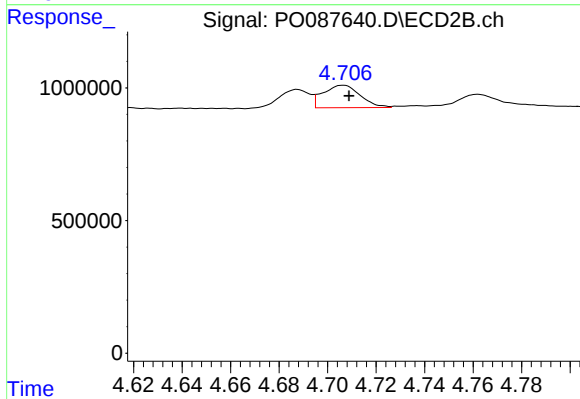
#3 AR-1016-1

R.T.: 4.687 min
Delta R.T.: -0.002 min
Response: 605609
Conc: 15.14 ng/ml



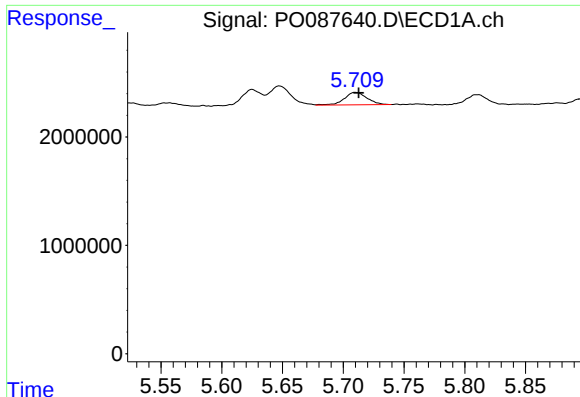
#4 AR-1016-2

R.T.: 5.647 min
Delta R.T.: -0.003 min
Response: 2205096
Conc: 17.55 ng/ml



#4 AR-1016-2

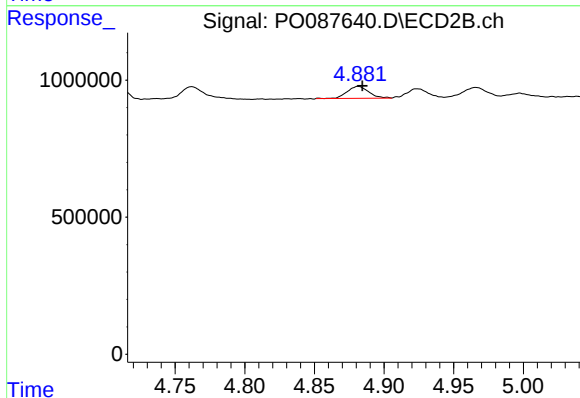
R.T.: 4.706 min
Delta R.T.: -0.002 min
Response: 900833
Conc: 16.16 ng/ml



#5 AR-1016-3

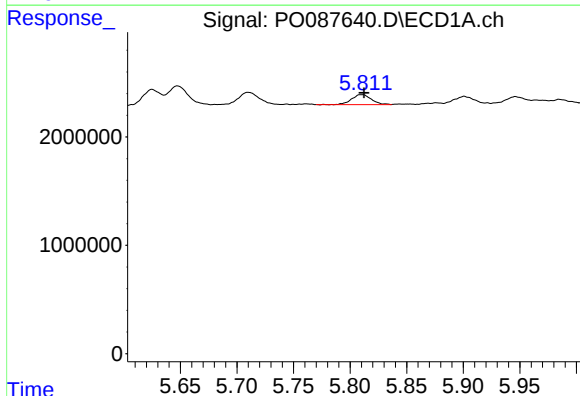
R.T.: 5.710 min
Delta R.T.: -0.003 min
Response: 1480873
Conc: 19.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



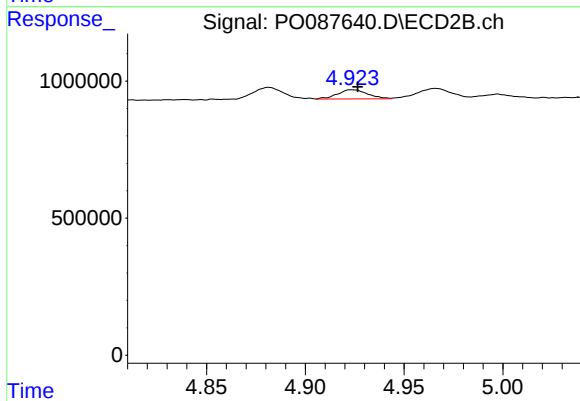
#5 AR-1016-3

R.T.: 4.882 min
Delta R.T.: -0.003 min
Response: 470030
Conc: 15.97 ng/ml



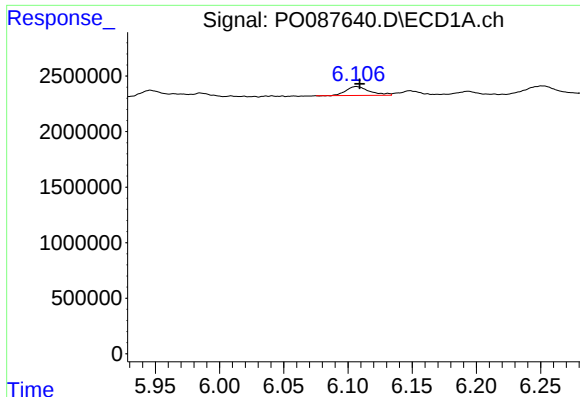
#6 AR-1016-4

R.T.: 5.810 min
Delta R.T.: -0.002 min
Response: 1108300
Conc: 18.13 ng/ml



#6 AR-1016-4

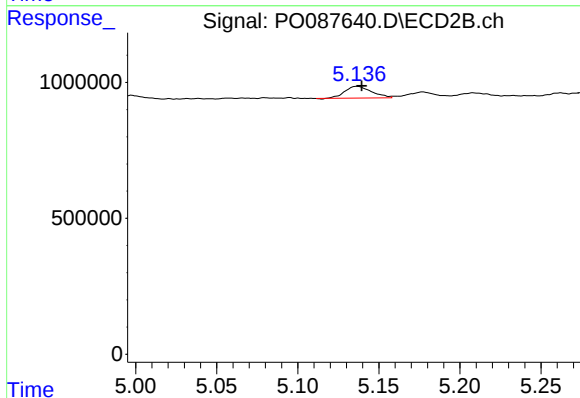
R.T.: 4.924 min
Delta R.T.: -0.003 min
Response: 350375
Conc: 14.58 ng/ml



#7 AR-1016-5

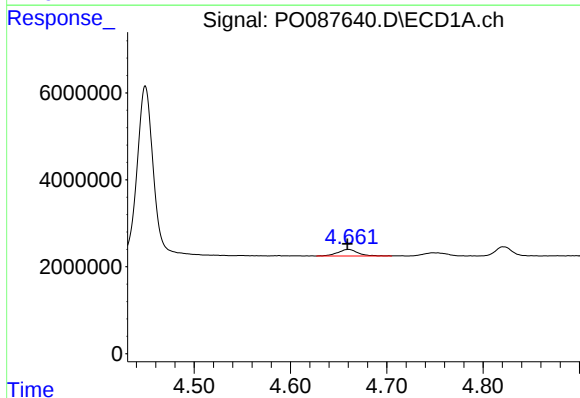
R.T.: 6.107 min
Delta R.T.: -0.002 min
Response: 1005806
Conc: 16.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



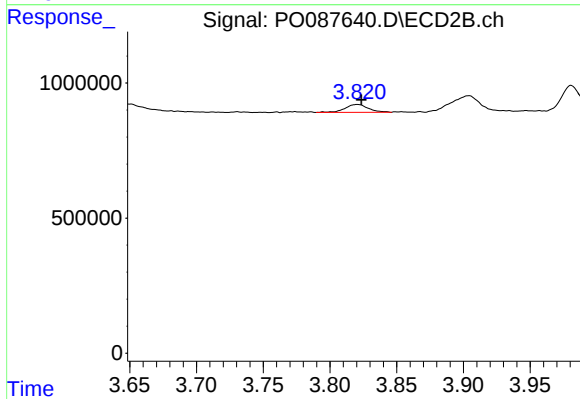
#7 AR-1016-5

R.T.: 5.137 min
Delta R.T.: -0.003 min
Response: 494190
Conc: 16.16 ng/ml



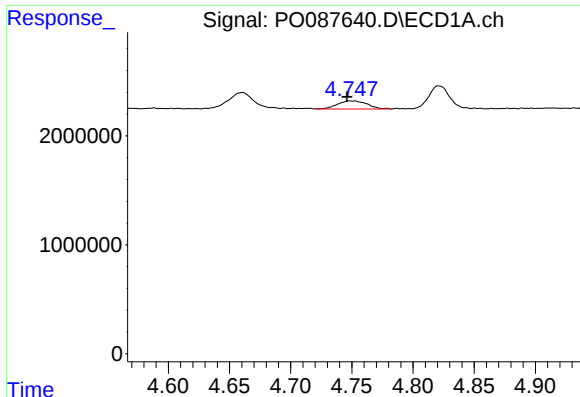
#8 AR-1221-1

R.T.: 4.660 min
Delta R.T.: 0.001 min
Response: 2209151
Conc: 71.82 ng/ml



#8 AR-1221-1

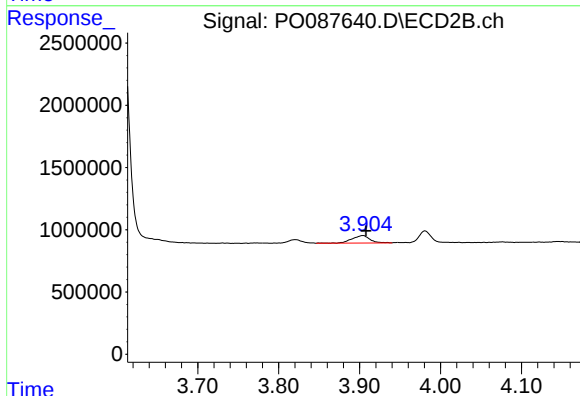
R.T.: 3.821 min
Delta R.T.: -0.003 min
Response: 356147
Conc: 30.33 ng/ml



#9 AR-1221-2

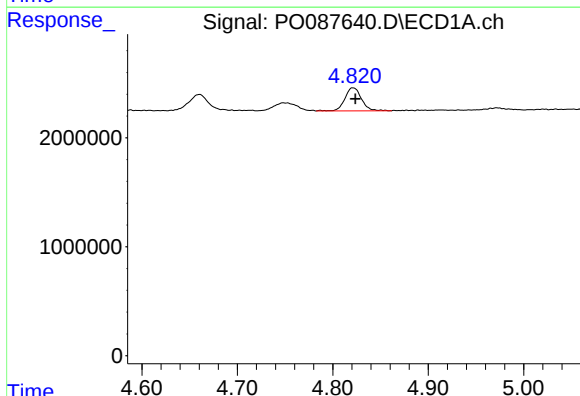
R.T.: 4.748 min
Delta R.T.: 0.002 min
Response: 1247247
Conc: 55.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



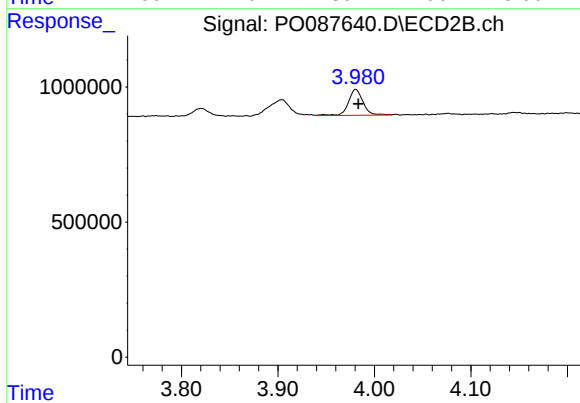
#9 AR-1221-2

R.T.: 3.904 min
Delta R.T.: -0.004 min
Response: 939940
Conc: 105.72 ng/ml



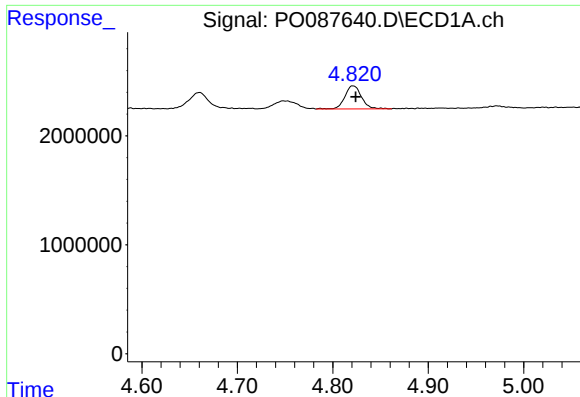
#10 AR-1221-3

R.T.: 4.821 min
Delta R.T.: -0.002 min
Response: 2547000
Conc: 36.42 ng/ml



#10 AR-1221-3

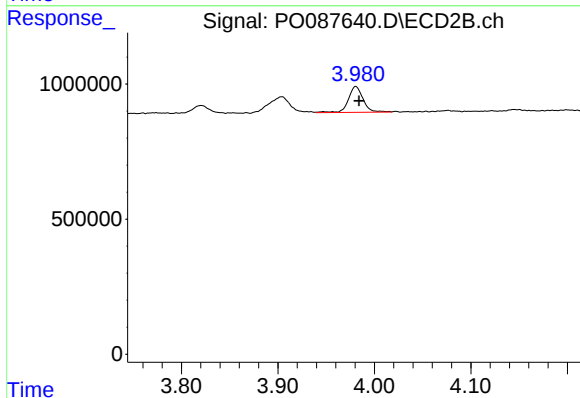
R.T.: 3.981 min
Delta R.T.: -0.003 min
Response: 1028604
Conc: 36.77 ng/ml



#11 AR-1232-1

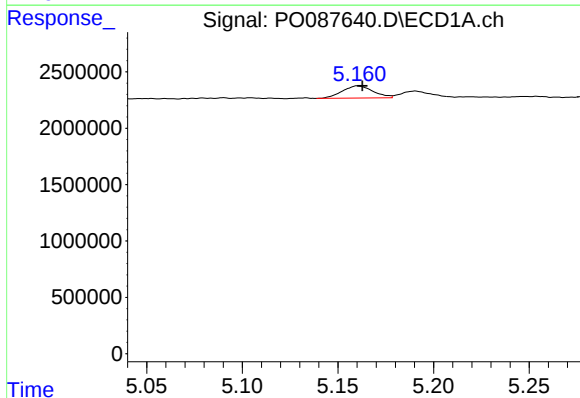
R.T.: 4.821 min
Delta R.T.: -0.003 min
Response: 2547000
Conc: 38.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



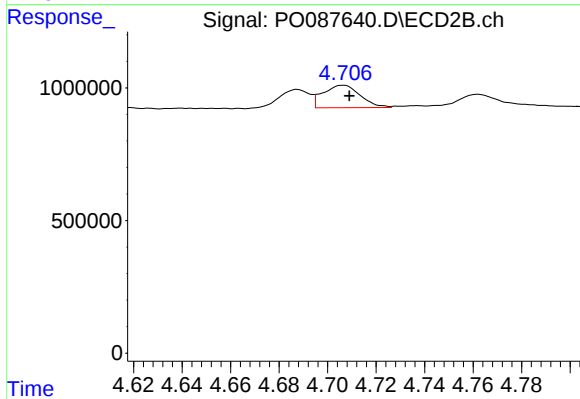
#11 AR-1232-1

R.T.: 3.981 min
Delta R.T.: -0.003 min
Response: 1028604
Conc: 39.62 ng/ml



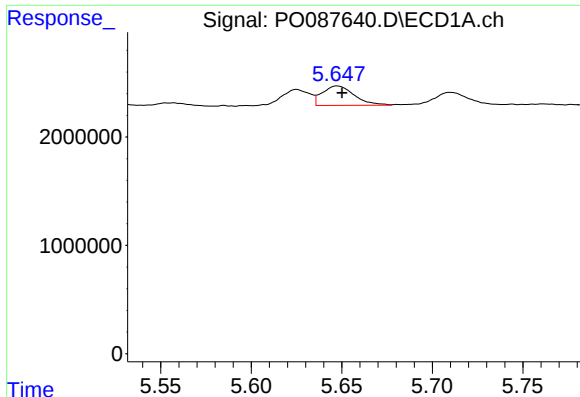
#12 AR-1232-2

R.T.: 5.160 min
Delta R.T.: -0.002 min
Response: 1204142
Conc: 37.29 ng/ml



#12 AR-1232-2

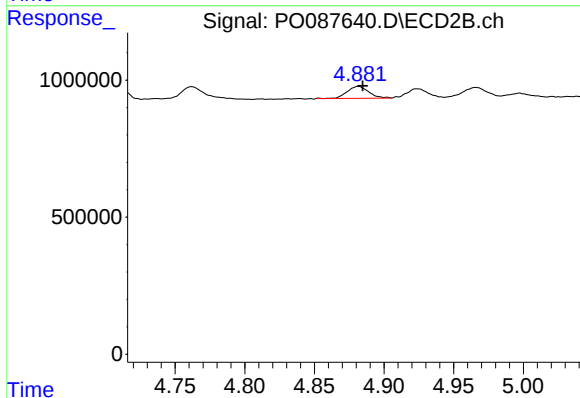
R.T.: 4.706 min
Delta R.T.: -0.003 min
Response: 900833
Conc: 36.94 ng/ml



#13 AR-1232-3

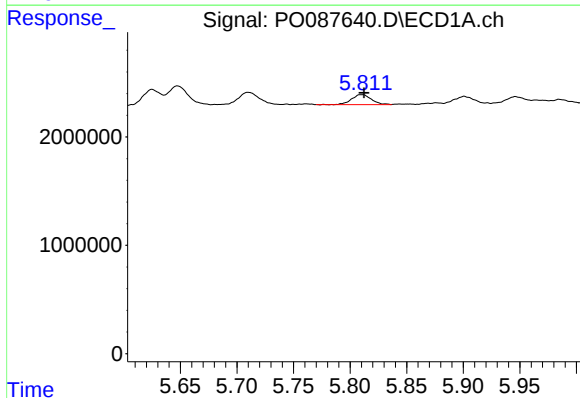
R.T.: 5.647 min
Delta R.T.: -0.003 min
Response: 2205096
Conc: 36.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



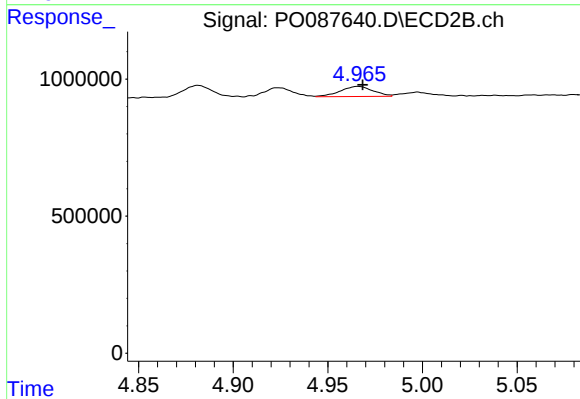
#13 AR-1232-3

R.T.: 4.882 min
Delta R.T.: -0.003 min
Response: 470030
Conc: 37.85 ng/ml



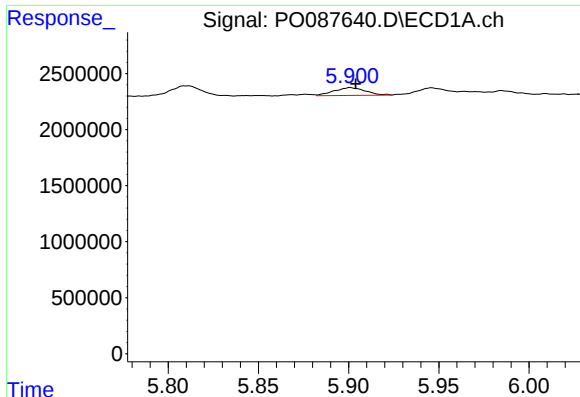
#14 AR-1232-4

R.T.: 5.810 min
Delta R.T.: -0.002 min
Response: 1108300
Conc: 37.85 ng/ml



#14 AR-1232-4

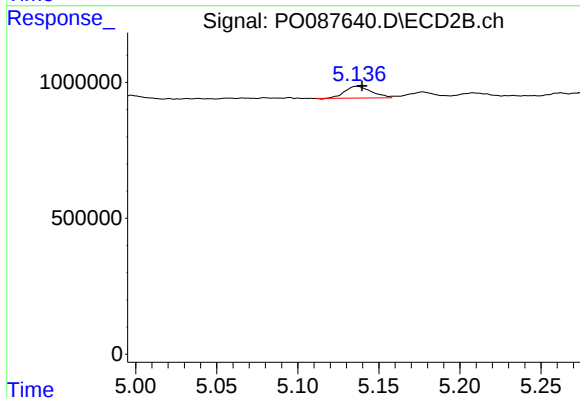
R.T.: 4.966 min
Delta R.T.: -0.002 min
Response: 442562
Conc: 39.03 ng/ml



#15 AR-1232-5

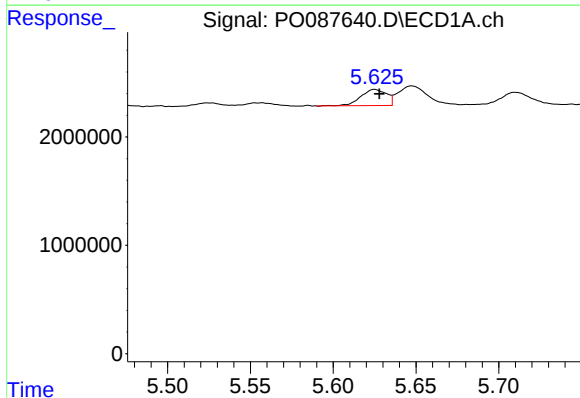
R.T.: 5.901 min
Delta R.T.: -0.003 min
Response: 849277
Conc: 34.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



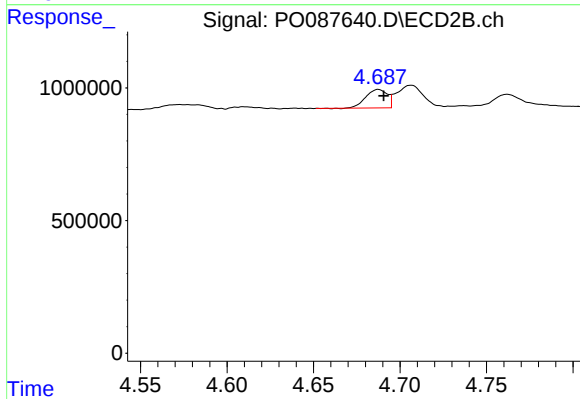
#15 AR-1232-5

R.T.: 5.137 min
Delta R.T.: -0.003 min
Response: 494190
Conc: 39.38 ng/ml



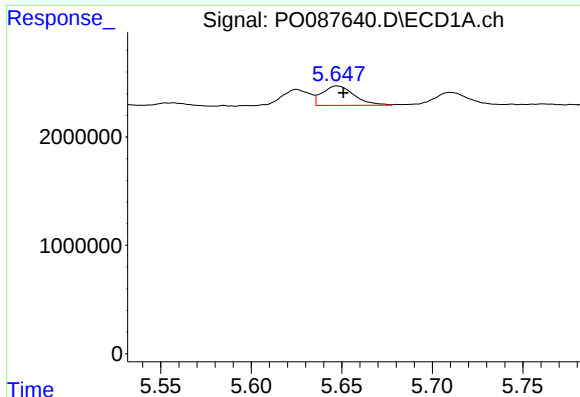
#16 AR-1242-1

R.T.: 5.625 min
Delta R.T.: -0.003 min
Response: 1615184
Conc: 22.27 ng/ml



#16 AR-1242-1

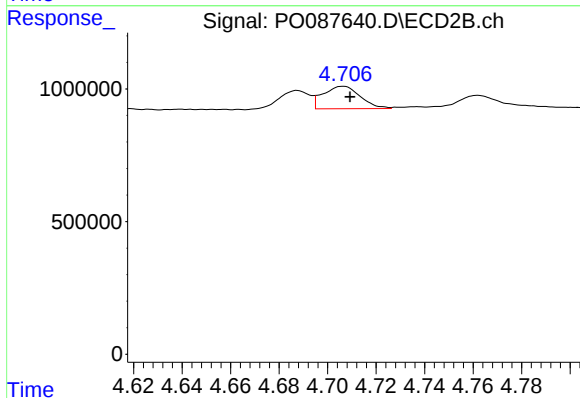
R.T.: 4.687 min
Delta R.T.: -0.003 min
Response: 605609
Conc: 21.22 ng/ml



#17 AR-1242-2

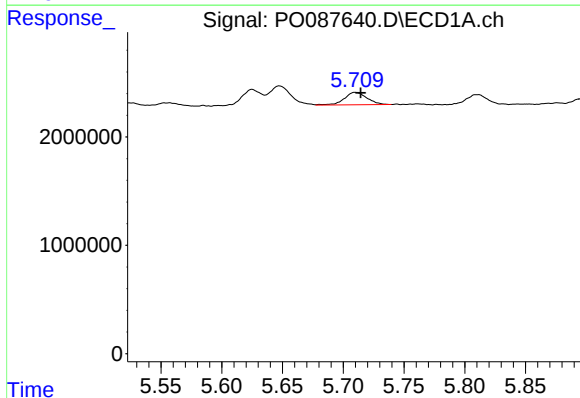
R.T.: 5.647 min
Delta R.T.: -0.003 min
Response: 2205096
Conc: 21.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



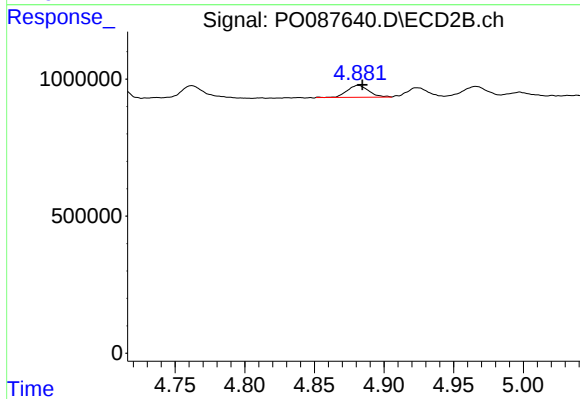
#17 AR-1242-2

R.T.: 4.706 min
Delta R.T.: -0.003 min
Response: 900833
Conc: 23.09 ng/ml



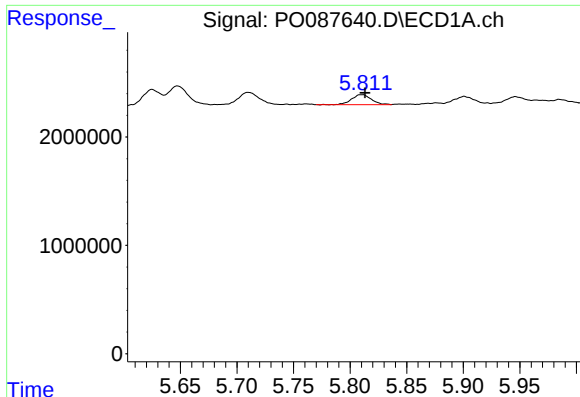
#18 AR-1242-3

R.T.: 5.710 min
Delta R.T.: -0.004 min
Response: 1480873
Conc: 23.06 ng/ml



#18 AR-1242-3

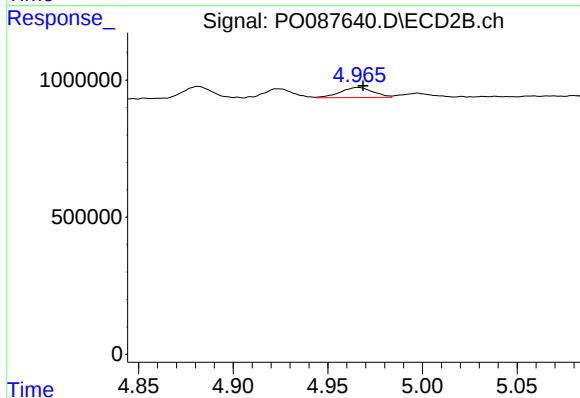
R.T.: 4.882 min
Delta R.T.: -0.003 min
Response: 470030
Conc: 22.55 ng/ml



#19 AR-1242-4

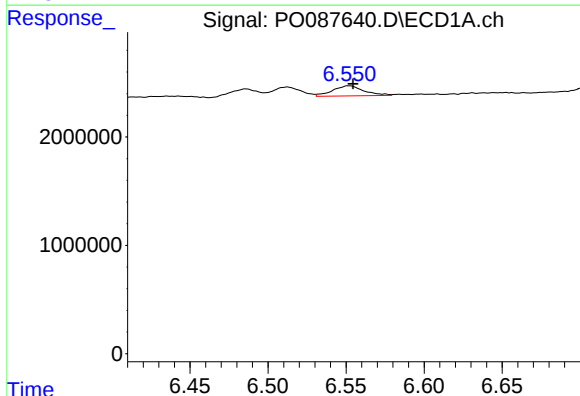
R.T.: 5.810 min
Delta R.T.: -0.003 min
Response: 1108300
Conc: 21.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



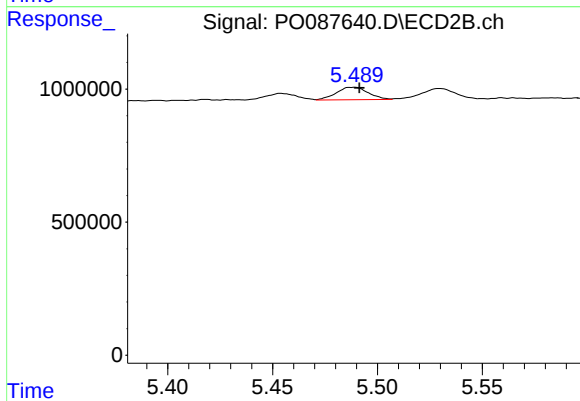
#19 AR-1242-4

R.T.: 4.966 min
Delta R.T.: -0.003 min
Response: 442562
Conc: 20.95 ng/ml



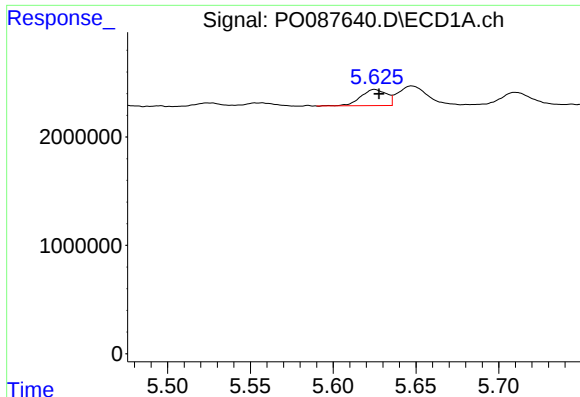
#20 AR-1242-5

R.T.: 6.552 min
Delta R.T.: -0.003 min
Response: 1319436
Conc: 24.85 ng/ml



#20 AR-1242-5

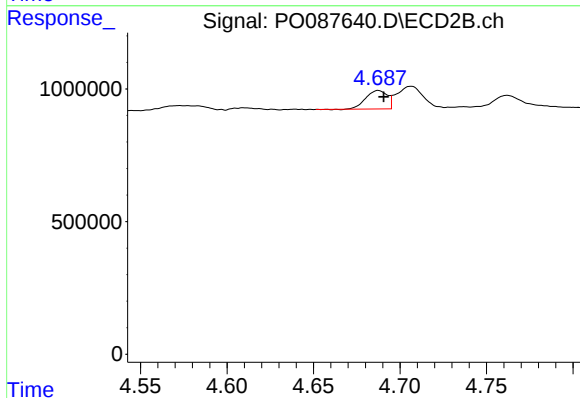
R.T.: 5.488 min
Delta R.T.: -0.003 min
Response: 496461
Conc: 18.99 ng/ml



#21 AR-1248-1

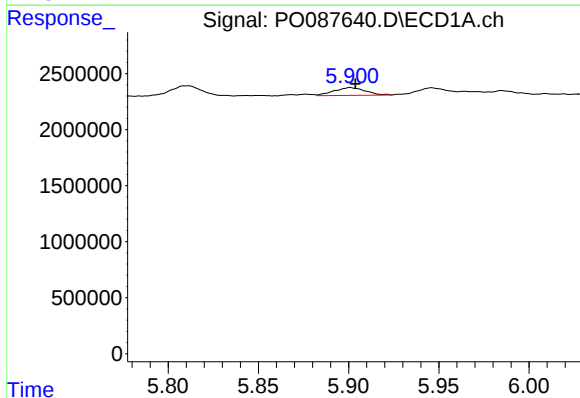
R.T.: 5.625 min
Delta R.T.: -0.003 min
Response: 1615184
Conc: 28.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



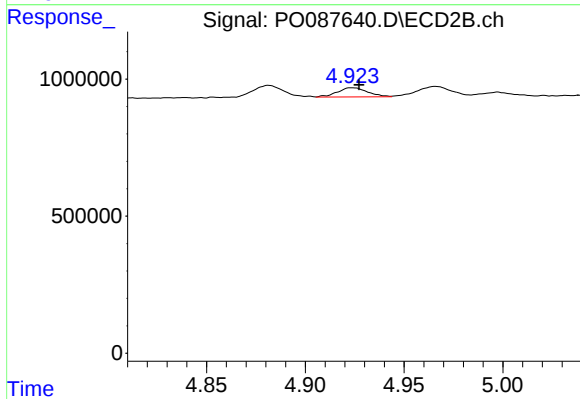
#21 AR-1248-1

R.T.: 4.687 min
Delta R.T.: -0.003 min
Response: 605609
Conc: 26.10 ng/ml



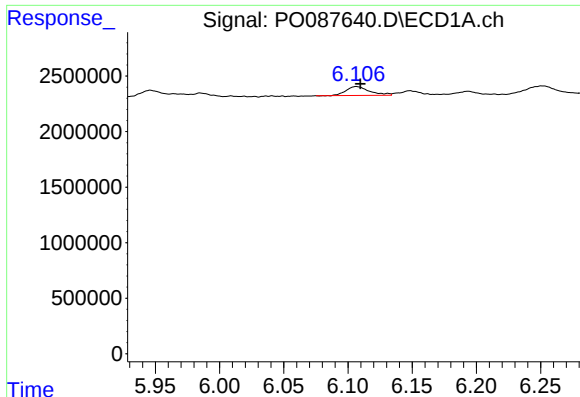
#22 AR-1248-2

R.T.: 5.901 min
Delta R.T.: -0.003 min
Response: 849277
Conc: 10.19 ng/ml



#22 AR-1248-2

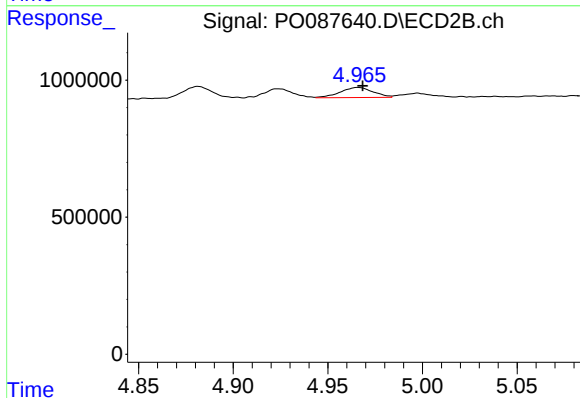
R.T.: 4.924 min
Delta R.T.: -0.003 min
Response: 350375
Conc: 11.15 ng/ml



#23 AR-1248-3

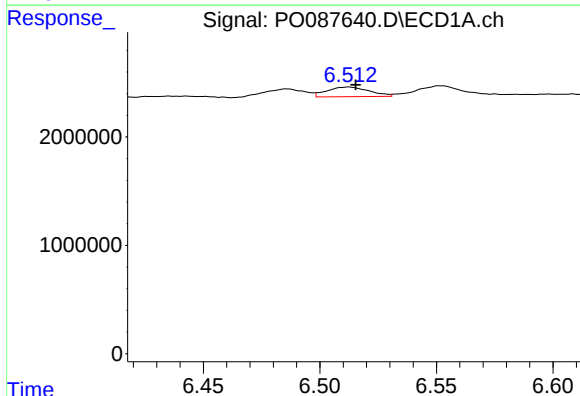
R.T.: 6.107 min
Delta R.T.: -0.003 min
Response: 1005806
Conc: 11.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



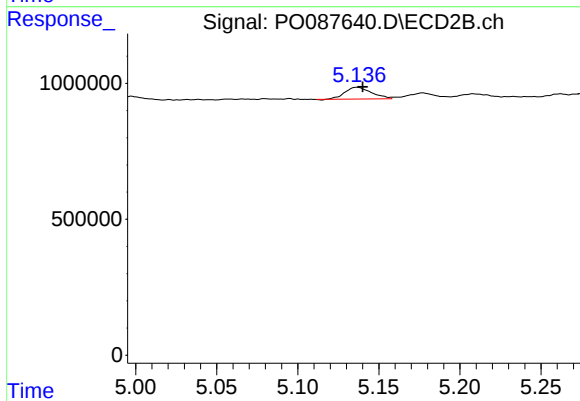
#23 AR-1248-3

R.T.: 4.966 min
Delta R.T.: -0.002 min
Response: 442562
Conc: 13.63 ng/ml



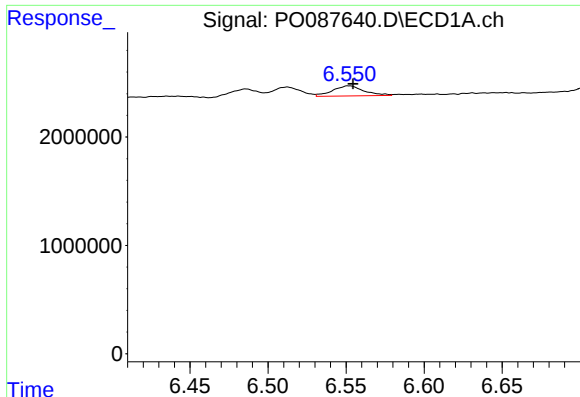
#24 AR-1248-4

R.T.: 6.512 min
Delta R.T.: -0.003 min
Response: 1127359
Conc: 11.46 ng/ml



#24 AR-1248-4

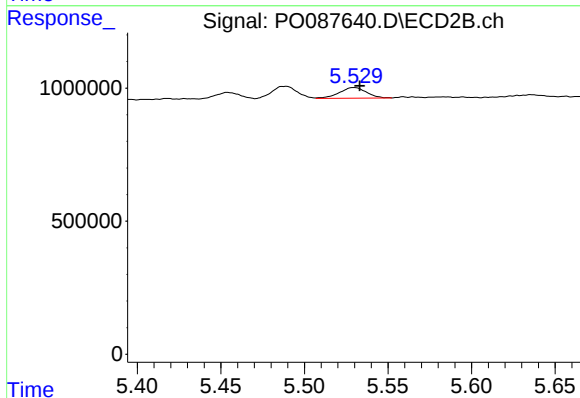
R.T.: 5.137 min
Delta R.T.: -0.003 min
Response: 494190
Conc: 12.81 ng/ml



#25 AR-1248-5

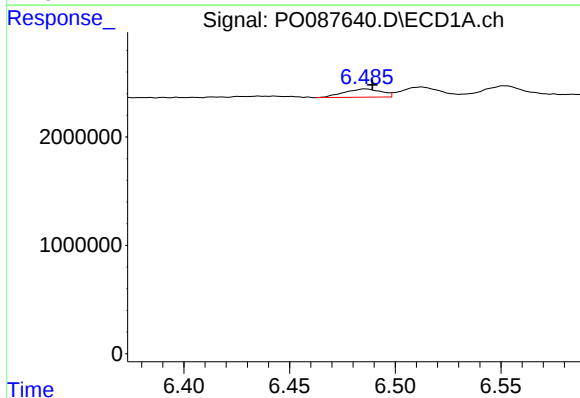
R.T.: 6.552 min
Delta R.T.: -0.003 min
Response: 1319436
Conc: 13.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



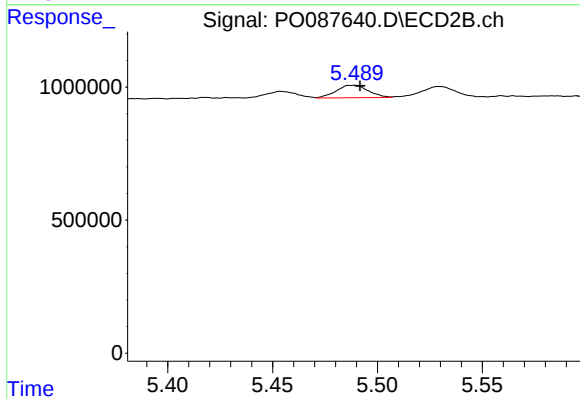
#25 AR-1248-5

R.T.: 5.530 min
Delta R.T.: -0.003 min
Response: 453217
Conc: 12.43 ng/ml



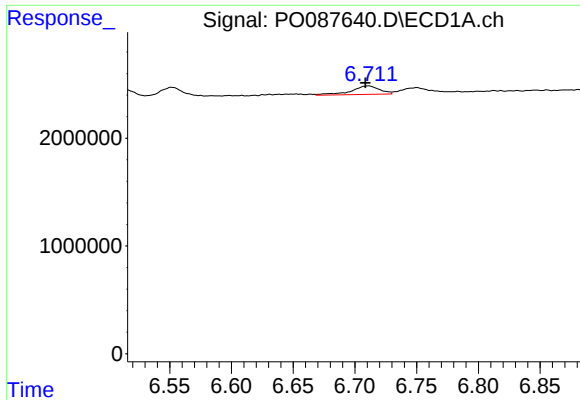
#26 AR-1254-1

R.T.: 6.486 min
Delta R.T.: -0.003 min
Response: 936655
Conc: 9.34 ng/ml



#26 AR-1254-1

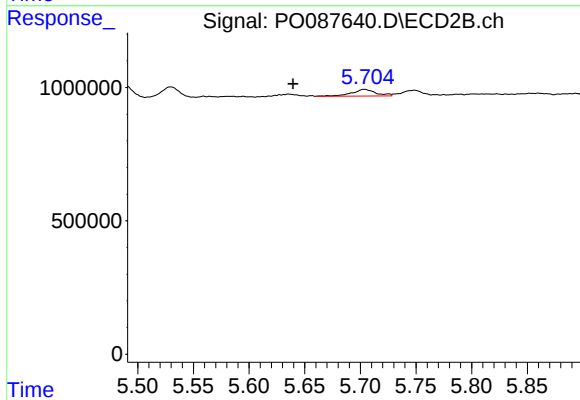
R.T.: 5.488 min
Delta R.T.: -0.003 min
Response: 496461
Conc: 8.98 ng/ml



#27 AR-1254-2

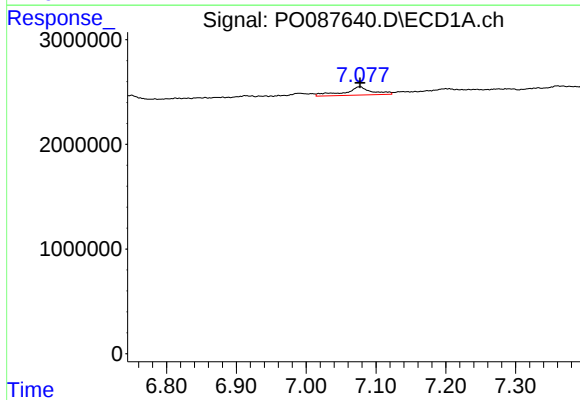
R.T.: 6.711 min
Delta R.T.: 0.002 min
Response: 1262165
Conc: 8.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



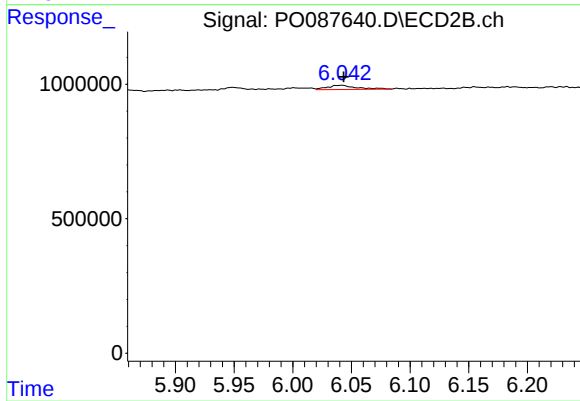
#27 AR-1254-2

R.T.: 5.704 min
Delta R.T.: 0.064 min
Response: 383278
Conc: 7.83 ng/ml



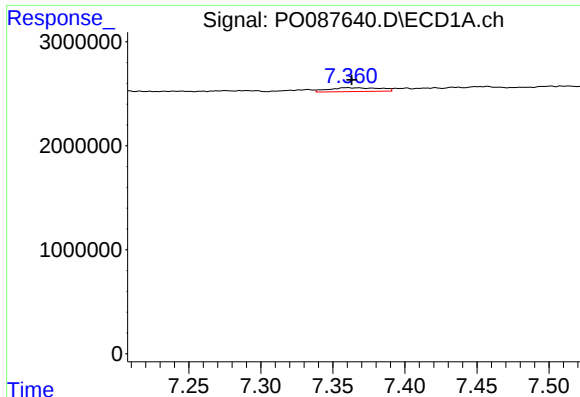
#28 AR-1254-3

R.T.: 7.077 min
Delta R.T.: 0.000 min
Response: 2198330
Conc: 14.43 ng/ml



#28 AR-1254-3

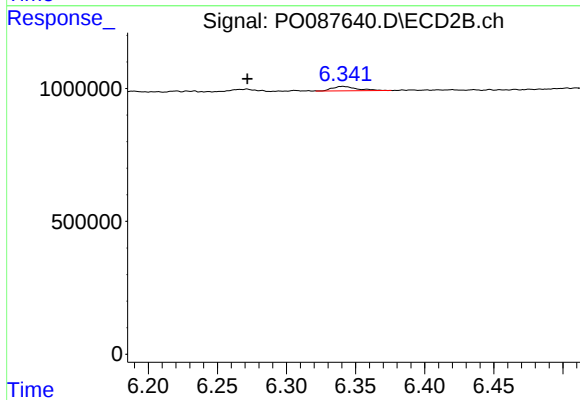
R.T.: 6.042 min
Delta R.T.: -0.002 min
Response: 268495
Conc: 3.54 ng/ml



#29 AR-1254-4

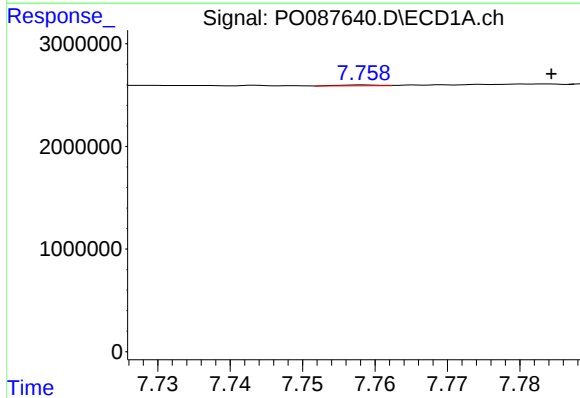
R.T.: 7.360 min
Delta R.T.: -0.003 min
Response: 924239
Conc: 8.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



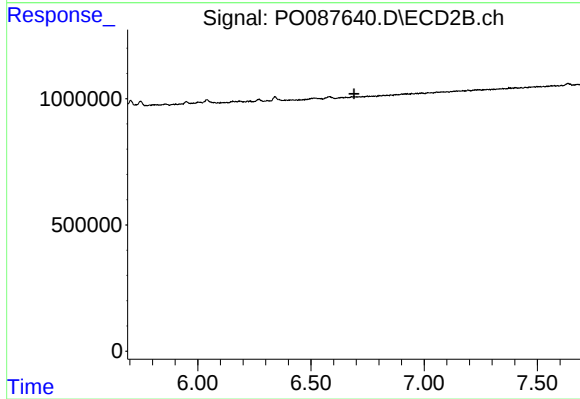
#29 AR-1254-4

R.T.: 6.341 min
Delta R.T.: 0.069 min
Response: 203736
Conc: 4.49 ng/ml



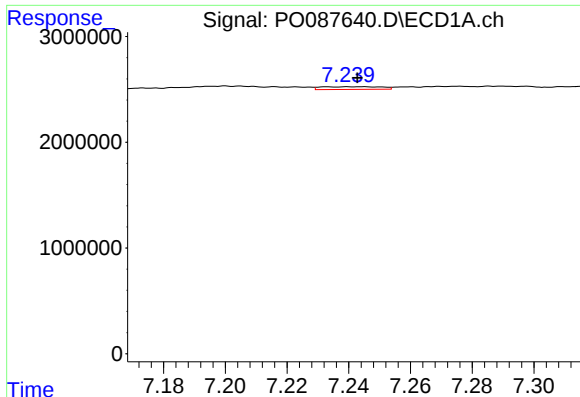
#30 AR-1254-5

R.T.: 7.758 min
Delta R.T.: -0.026 min
Response: 30035
Conc: 0.25 ng/ml



#30 AR-1254-5

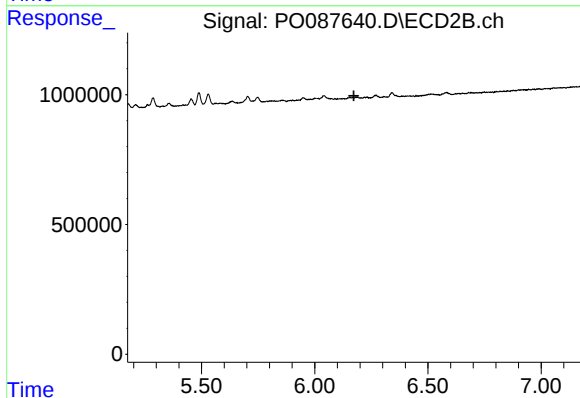
R.T.: 0.000 min
Exp R.T.: 6.690 min
Response: 0
Conc: N.D.



#31 AR-1260-1

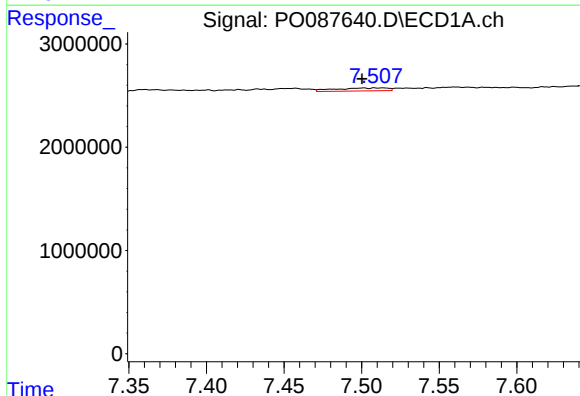
R.T.: 7.245 min
Delta R.T.: 0.002 min
Response: 352594
Conc: 3.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



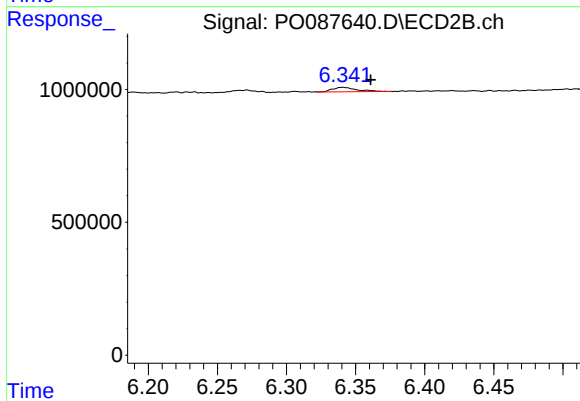
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.173 min
Response: 0
Conc: N.D.



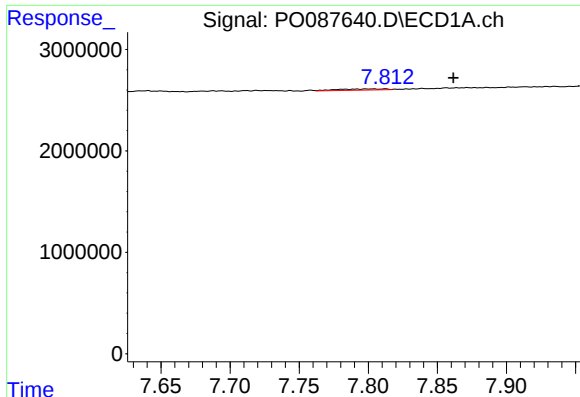
#32 AR-1260-2

R.T.: 7.514 min
Delta R.T.: 0.014 min
Response: 687395
Conc: 5.04 ng/ml



#32 AR-1260-2

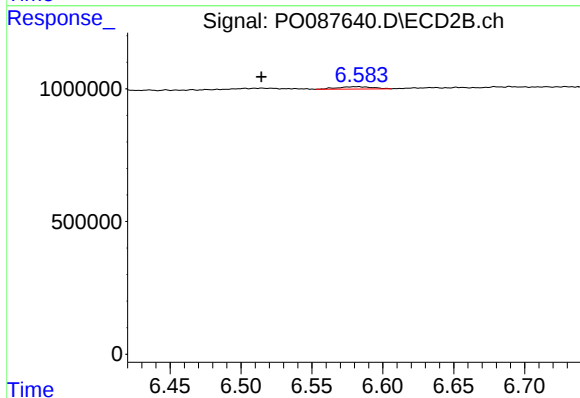
R.T.: 6.341 min
Delta R.T.: -0.020 min
Response: 203736
Conc: 3.01 ng/ml



#33 AR-1260-3

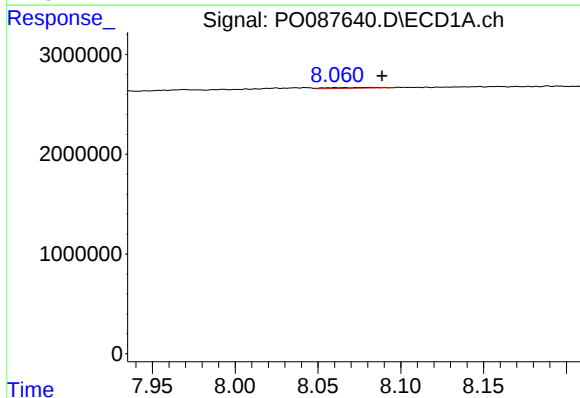
R.T.: 7.812 min
Delta R.T.: -0.049 min
Response: 286016
Conc: 3.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



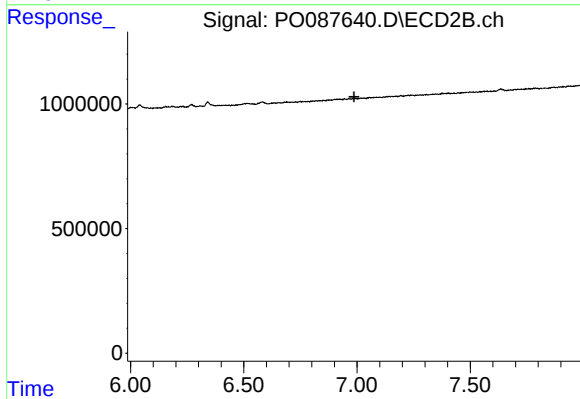
#33 AR-1260-3

R.T.: 6.582 min
Delta R.T.: 0.068 min
Response: 150314
Conc: 2.38 ng/ml



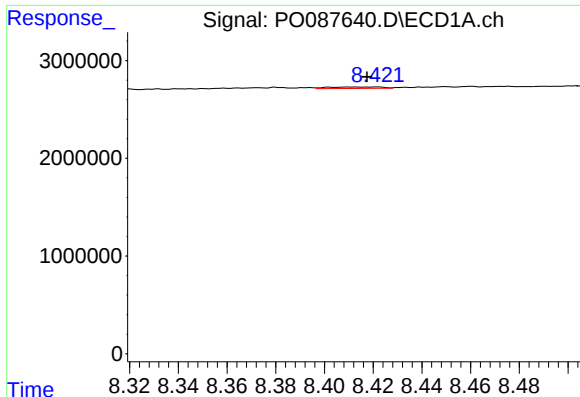
#34 AR-1260-4

R.T.: 8.081 min
Delta R.T.: -0.007 min
Response: 148050
Conc: 1.42 ng/ml



#34 AR-1260-4

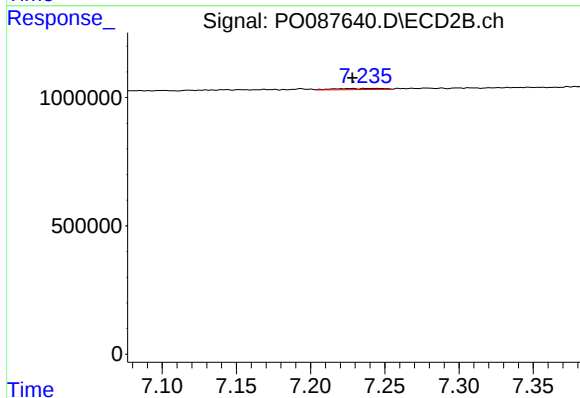
R.T.: 0.000 min
Exp R.T.: 6.987 min
Response: 0
Conc: N.D.



#35 AR-1260-5

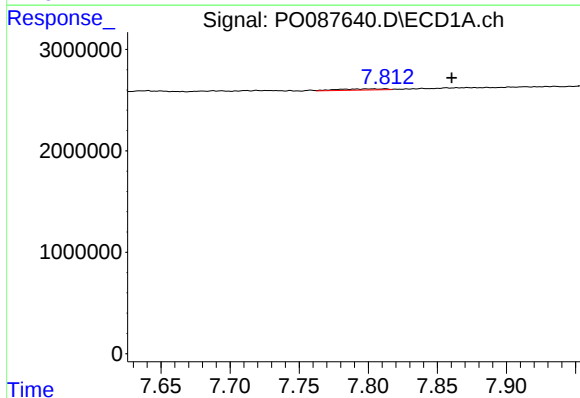
R.T.: 8.421 min
Delta R.T.: 0.004 min
Response: 228733
Conc: 1.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



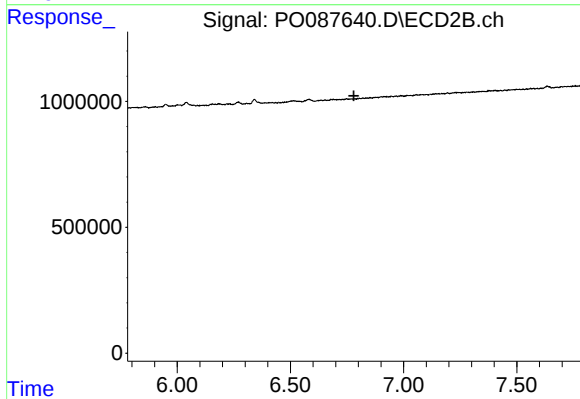
#35 AR-1260-5

R.T.: 7.237 min
Delta R.T.: 0.009 min
Response: 98588
Conc: 0.91 ng/ml



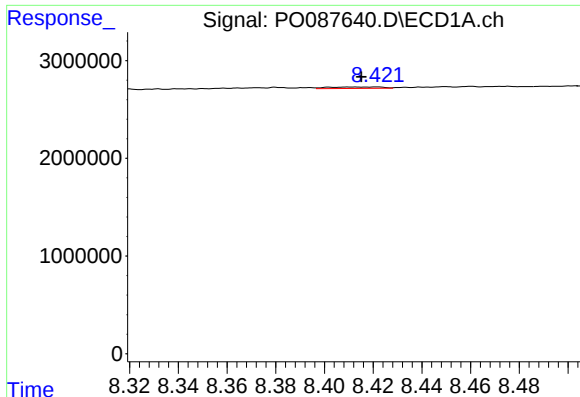
#36 AR-1262-1

R.T.: 7.812 min
Delta R.T.: -0.048 min
Response: 286016
Conc: 2.00 ng/ml



#36 AR-1262-1

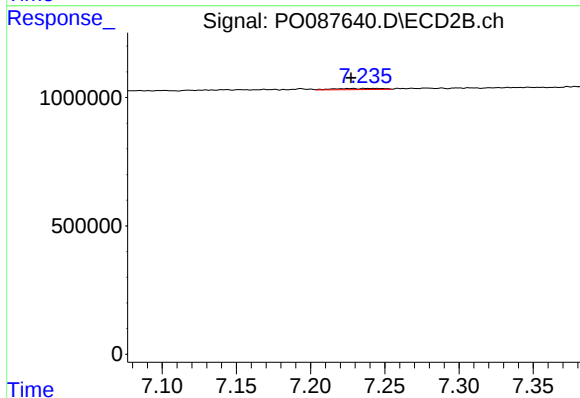
R.T.: 0.000 min
Exp R.T.: 6.780 min
Response: 0
Conc: N.D.



#37 AR-1262-2

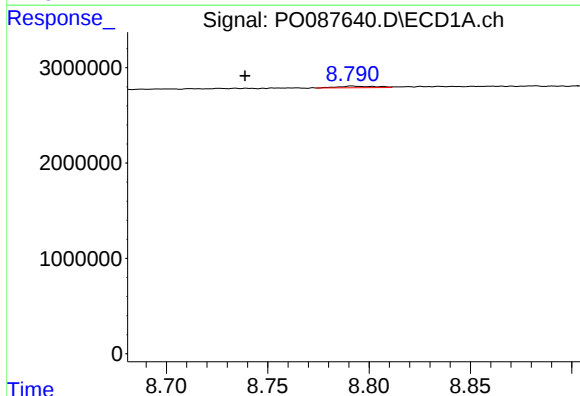
R.T.: 8.421 min
Delta R.T.: 0.006 min
Response: 228733
Conc: 0.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



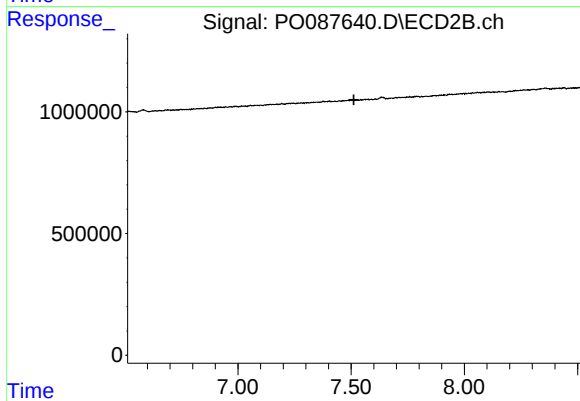
#37 AR-1262-2

R.T.: 7.237 min
Delta R.T.: 0.010 min
Response: 98588
Conc: 0.93 ng/ml



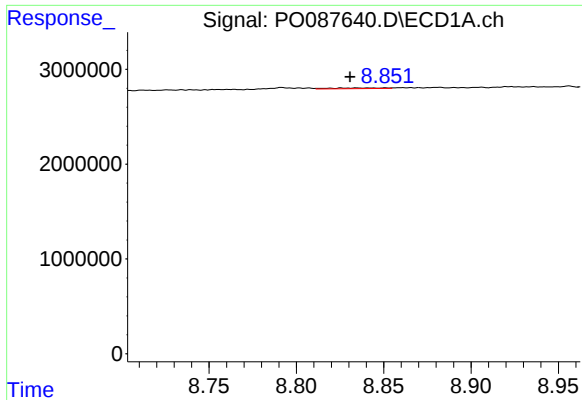
#38 AR-1262-3

R.T.: 8.792 min
Delta R.T.: 0.053 min
Response: 214135
Conc: 1.18 ng/ml



#38 AR-1262-3

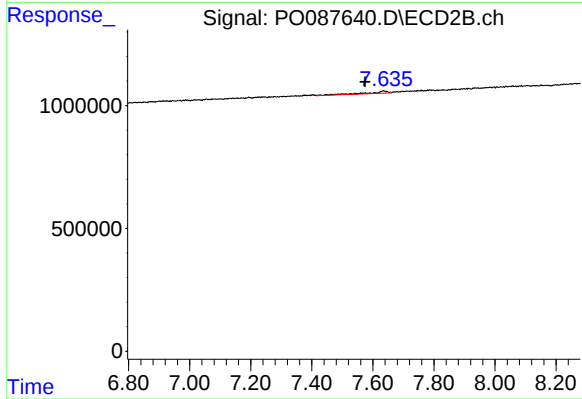
R.T.: 0.000 min
Exp R.T. : 7.512 min
Response: 0
Conc: N.D.



#39 AR-1262-4

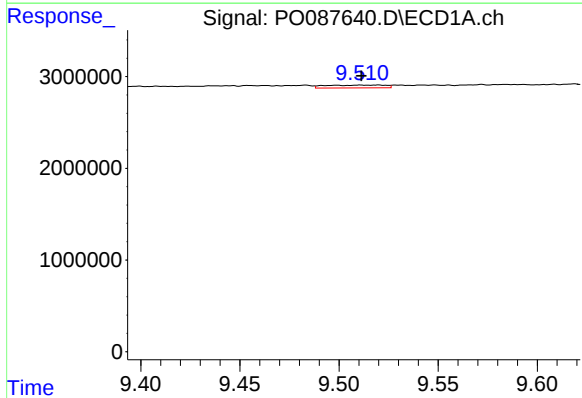
R.T.: 8.835 min
Delta R.T.: 0.004 min
Response: 154924
Conc: 1.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



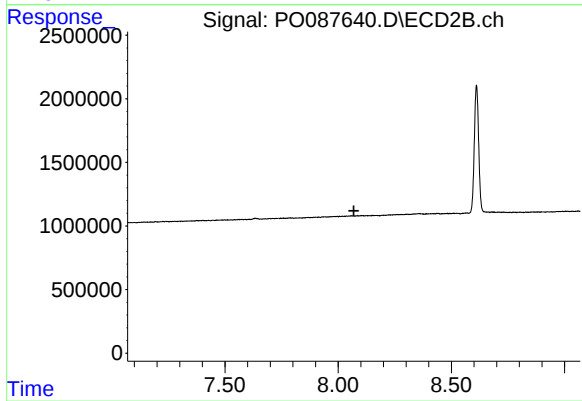
#39 AR-1262-4

R.T.: 7.635 min
Delta R.T.: 0.060 min
Response: 443527
Conc: 5.93 ng/ml



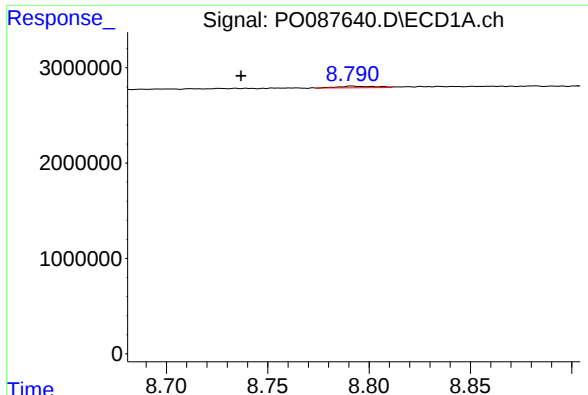
#40 AR-1262-5

R.T.: 9.520 min
Delta R.T.: 0.008 min
Response: 637725
Conc: 6.66 ng/ml



#40 AR-1262-5

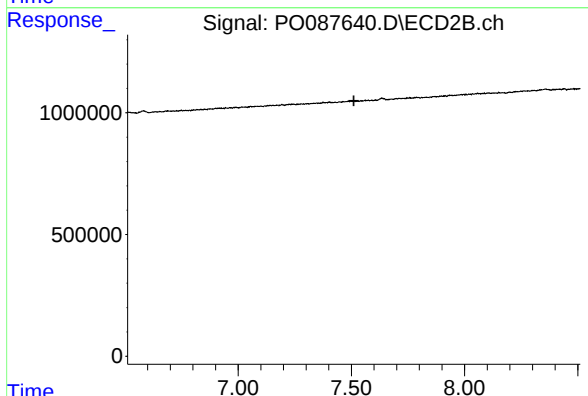
R.T.: 0.000 min
Exp R.T. : 8.069 min
Response: 0
Conc: N.D.



#41 AR-1268-1

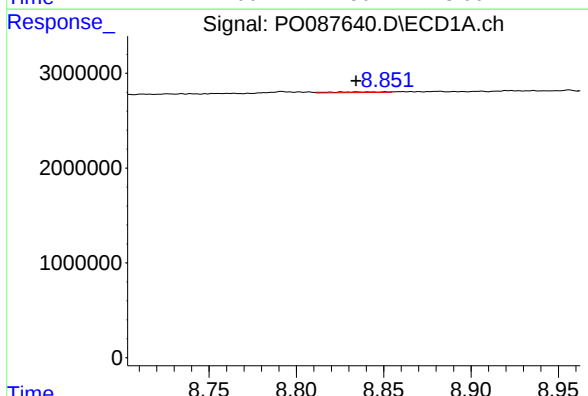
R.T.: 8.792 min
Delta R.T.: 0.055 min
Response: 214135
Conc: 0.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



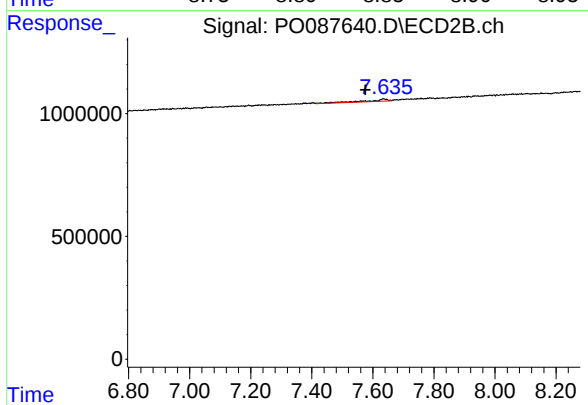
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.511 min
Response: 0
Conc: N.D.



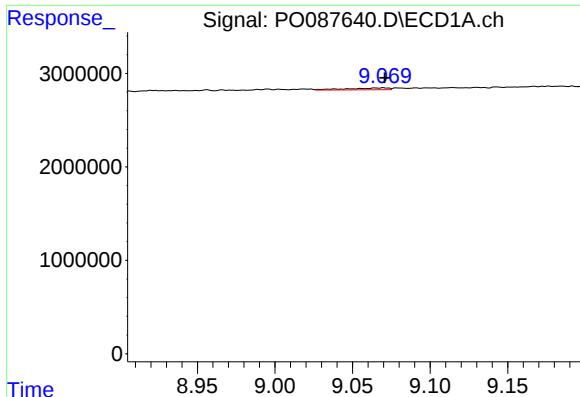
#42 AR-1268-2

R.T.: 8.835 min
Delta R.T.: 0.000 min
Response: 154924
Conc: 0.58 ng/ml



#42 AR-1268-2

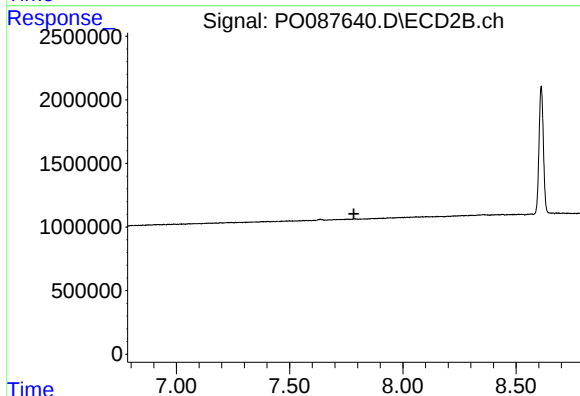
R.T.: 7.635 min
Delta R.T.: 0.059 min
Response: 443527
Conc: 4.32 ng/ml



#43 AR-1268-3

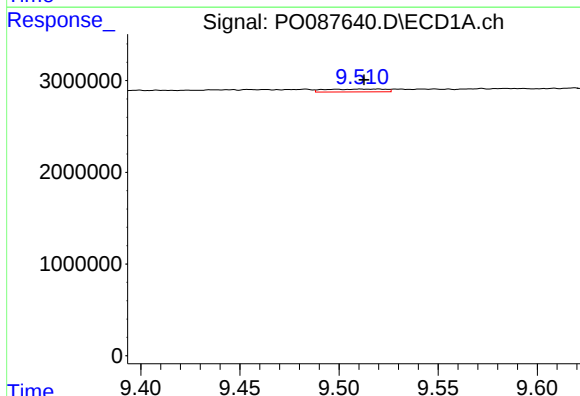
R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 359223
Conc: 1.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



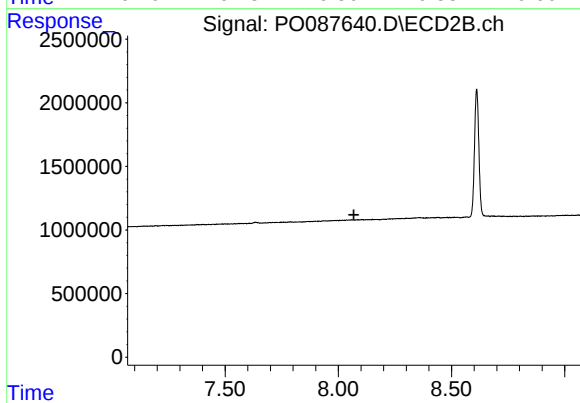
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.783 min
Response: 0
Conc: N.D.



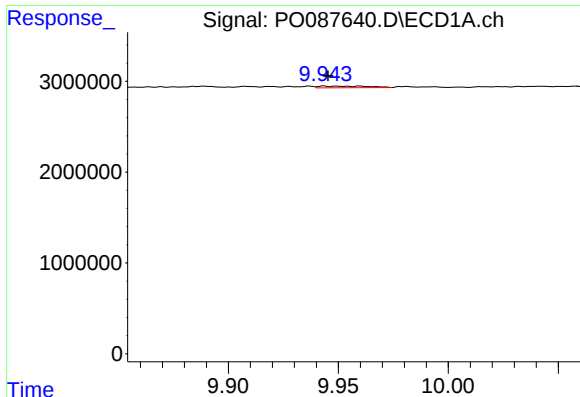
#44 AR-1268-4

R.T.: 9.520 min
Delta R.T.: 0.007 min
Response: 637725
Conc: 6.24 ng/ml



#44 AR-1268-4

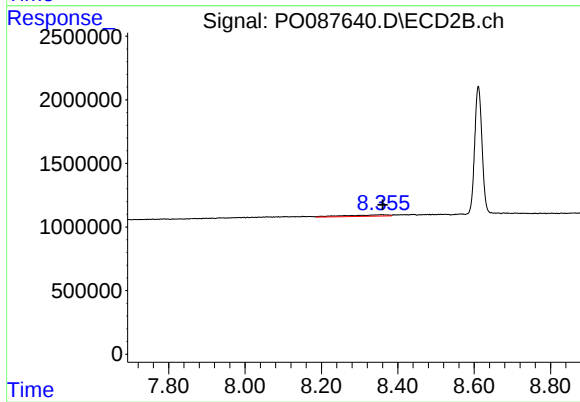
R.T.: 0.000 min
Exp R.T. : 8.069 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.943 min
Delta R.T.: -0.002 min
Response: 293326
Conc: 0.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.357 min
Delta R.T.: -0.003 min
Response: 826168
Conc: 3.30 ng/ml