

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110422\
 Data File : PO090170.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2022 12:07
 Operator : YP/AJ
 Sample : N5418-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 05 03:08:55 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...	4.306	3.483	69266826	24216408	21.552	22.786
2)	SA Decachlor...	10.049	8.491	48036767	18510540	19.602	17.973
Target Compounds							
3)	L1 AR-1016-1	5.471	4.583	334471	155980	3.144	4.038 #
4)	L1 AR-1016-2	5.504	4.583	475377	155980	3.121	2.916
5)	L1 AR-1016-3	5.556	0.000	528006	0	5.588	N.D. #
6)	L1 AR-1016-4	0.000	4.849f	0	945529	N.D.	38.091 #
7)	L1 AR-1016-5	5.935	5.045	2256990	1764577	29.243	57.442 #
8)	L2 AR-1221-1	4.512	3.645f	717408	374908	18.795	28.062 #
9)	L2 AR-1221-2	4.611	3.779	846918	542560	29.791	53.460 #
10)	L2 AR-1221-3	4.718f	0.000	287895	0	3.362	N.D. #
11)	L3 AR-1232-1	4.718f	0.000	287895	0	4.396	N.D. #
12)	L3 AR-1232-2	5.233	4.583	1064270	155980	27.685	6.509 #
13)	L3 AR-1232-3	5.504	0.000	475377	0	7.094	N.D. #
14)	L3 AR-1232-4	0.000	4.849	0	945529	N.D.	77.550 #
15)	L3 AR-1232-5	5.792	5.045	693530	1764577	26.178	132.160 #
16)	L4 AR-1242-1	5.471	4.583	334471	155980	4.042	5.239 #
17)	L4 AR-1242-2	5.504	4.583	475377	155980	4.025	3.835
18)	L4 AR-1242-3	5.556	0.000	528006	0	7.093	N.D. #
19)	L4 AR-1242-4	0.000	4.849	0	945529	N.D.	39.873 #
20)	L4 AR-1242-5	6.407	5.398	3001244	1456406	48.825	50.914
21)	L5 AR-1248-1	5.471	4.583	334471	155980	5.288	6.871 #
22)	L5 AR-1248-2	5.792	4.849f	693530	945529	7.323	29.083 #
23)	L5 AR-1248-3	5.935	4.849	2256990	945529	22.895	28.051
24)	L5 AR-1248-4	6.343	5.045	9014973	1764577	84.553	45.628 #
25)	L5 AR-1248-5	6.407	5.398	3001244	1456406	28.571	40.223 #
26)	L6 AR-1254-1	6.343	5.398	9014973	1456406	77.784	24.724 #
27)	L6 AR-1254-2	6.560	0.000	1920637	0	11.042	N.D. #
28)	L6 AR-1254-3	6.926	5.903	8042501	12931	46.326	0.156 #
29)	L6 AR-1254-4	7.215	6.185	2996599	104199	23.509	2.098 #
30)	L6 AR-1254-5	7.623	0.000	962845	0	6.835	N.D. #
31)	L7 AR-1260-1	7.103	0.000	5209591	0	37.162	N.D. #
32)	L7 AR-1260-2	7.379	6.228	4358172	1429264	26.939	19.784 #
33)	L7 AR-1260-3	7.656f	0.000	621061	0	5.912	N.D. #
34)	L7 AR-1260-4	7.929	6.874	1273661	138217	10.310	2.717 #
35)	L7 AR-1260-5	8.223f	0.000	811459	0	3.566	N.D. #
36)	L8 AR-1262-1	7.656f	0.000	621061	0	3.747	N.D. #
37)	L8 AR-1262-2	8.223	0.000	811459	0	2.888	N.D. #
39)	L8 AR-1262-4	8.674	0.000	219364	0	2.254	N.D. #
40)	L8 AR-1262-5	0.000	7.960	0	26217	N.D.	0.552 #
42)	L9 AR-1268-2	8.674	0.000	219364	0	0.703	N.D. #
43)	L9 AR-1268-3	8.888	7.681	713386	74598	2.655	0.622 #

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Volume Inj. : 2 µl
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 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
44) L9	AR-1268-4	0.000	7.960	0	26217	N.D.	0.483 #
45) L9	AR-1268-5	9.716	8.250	128231	73054	0.150	0.209 #

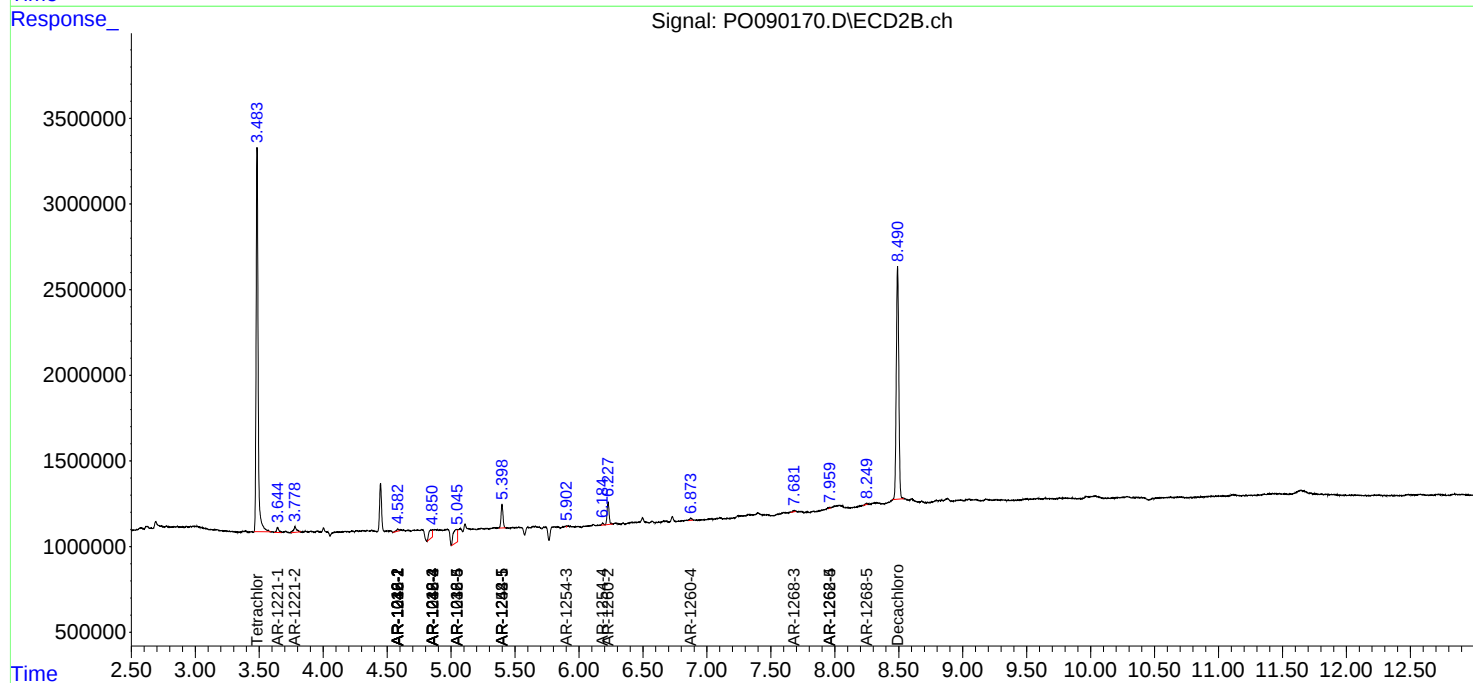
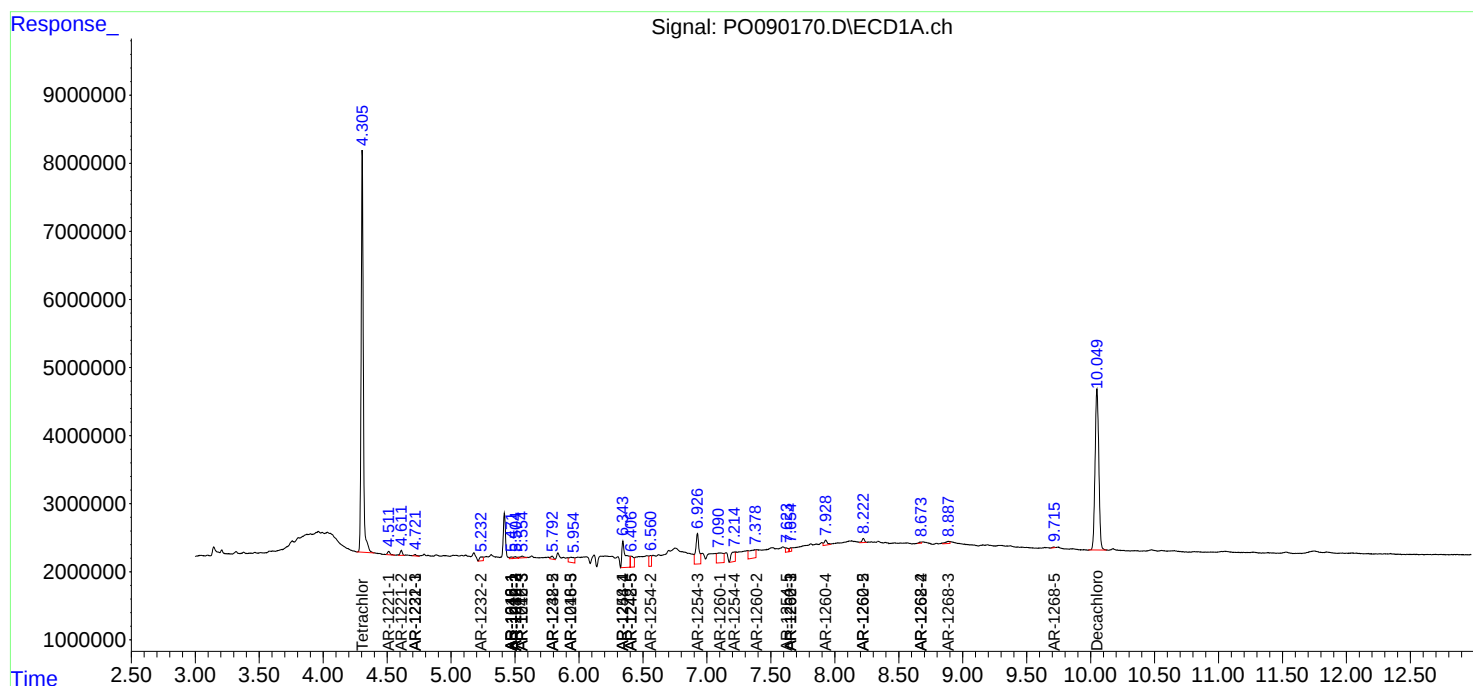
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

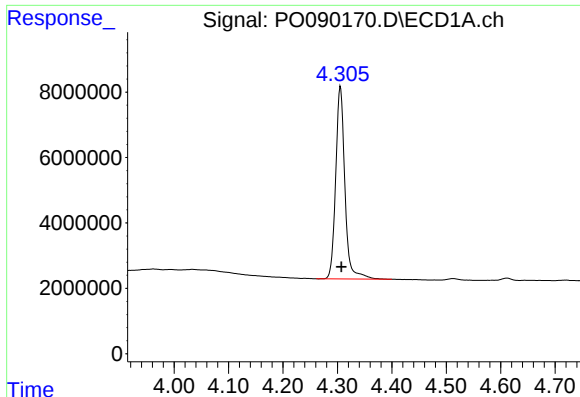
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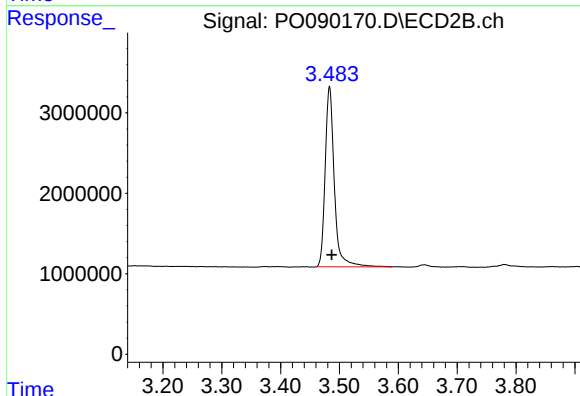




#1 Tetrachloro-m-xylene

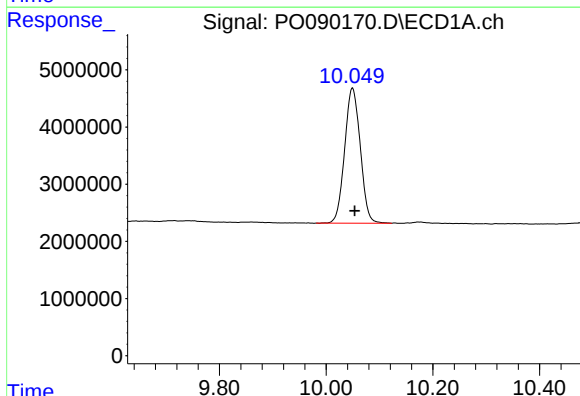
R.T.: 4.306 min
Delta R.T.: -0.001 min
Response: 69266826
Conc: 21.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



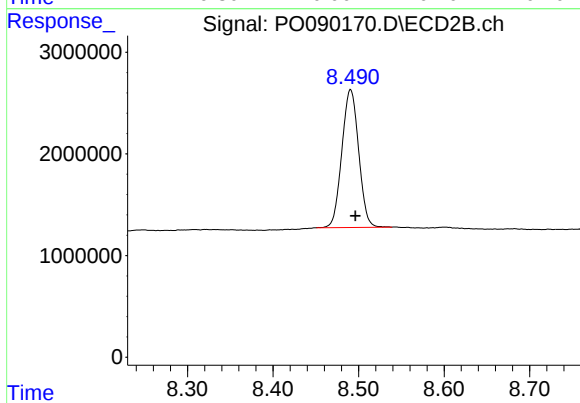
#1 Tetrachloro-m-xylene

R.T.: 3.483 min
Delta R.T.: -0.004 min
Response: 24216408
Conc: 22.79 ng/ml



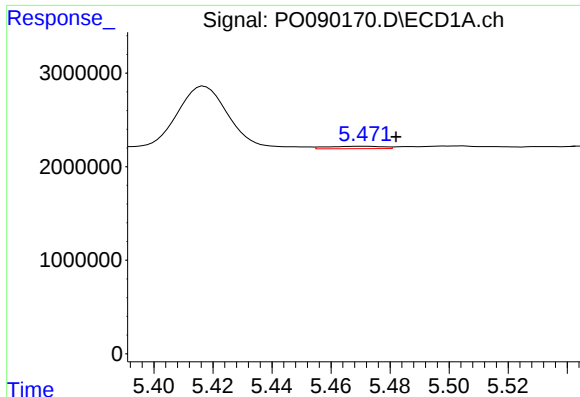
#2 Decachlorobiphenyl

R.T.: 10.049 min
Delta R.T.: -0.004 min
Response: 48036767
Conc: 19.60 ng/ml



#2 Decachlorobiphenyl

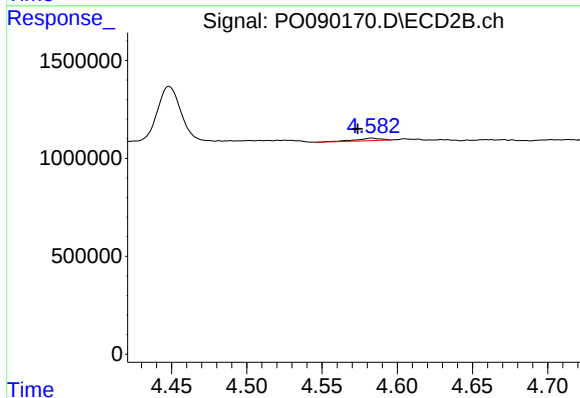
R.T.: 8.491 min
Delta R.T.: -0.006 min
Response: 18510540
Conc: 17.97 ng/ml



#3 AR-1016-1

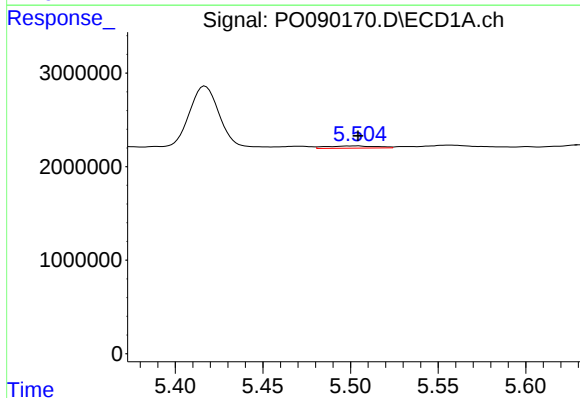
R.T.: 5.471 min
Delta R.T.: -0.011 min
Response: 334471
Conc: 3.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



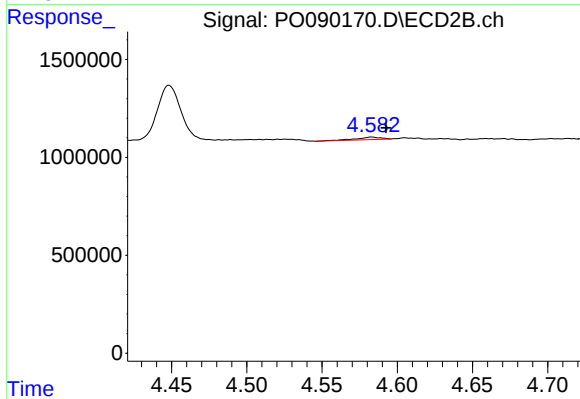
#3 AR-1016-1

R.T.: 4.583 min
Delta R.T.: 0.009 min
Response: 155980
Conc: 4.04 ng/ml



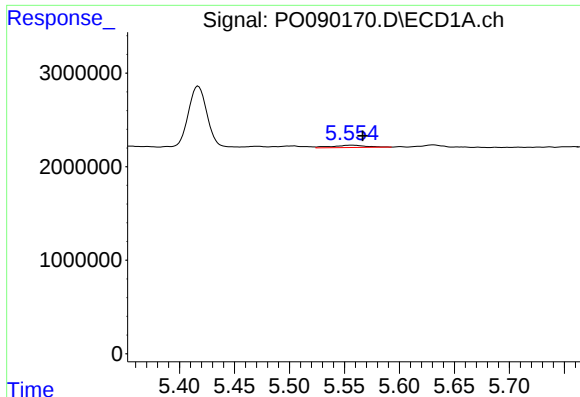
#4 AR-1016-2

R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 475377
Conc: 3.12 ng/ml



#4 AR-1016-2

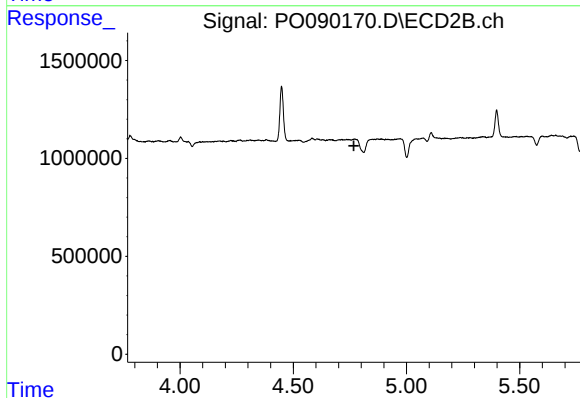
R.T.: 4.583 min
Delta R.T.: -0.010 min
Response: 155980
Conc: 2.92 ng/ml



#5 AR-1016-3

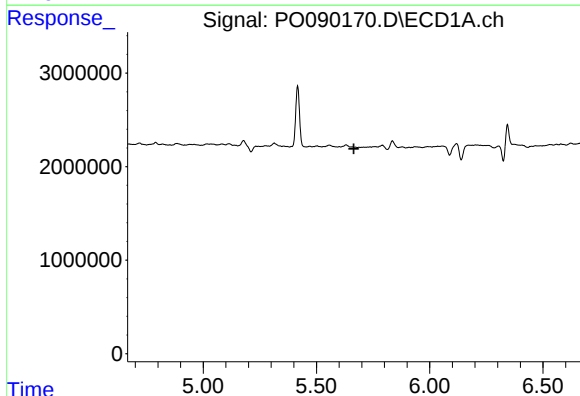
R.T.: 5.556 min
Delta R.T.: -0.010 min
Response: 528006
Conc: 5.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



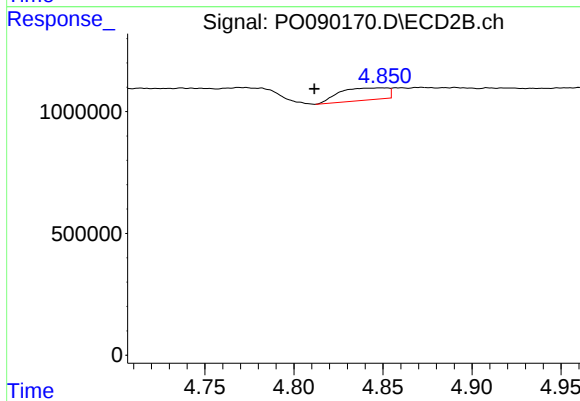
#5 AR-1016-3

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



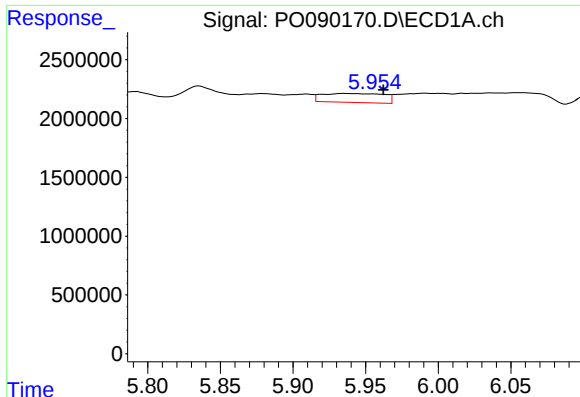
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.665 min
Response: 0
Conc: N.D.



#6 AR-1016-4

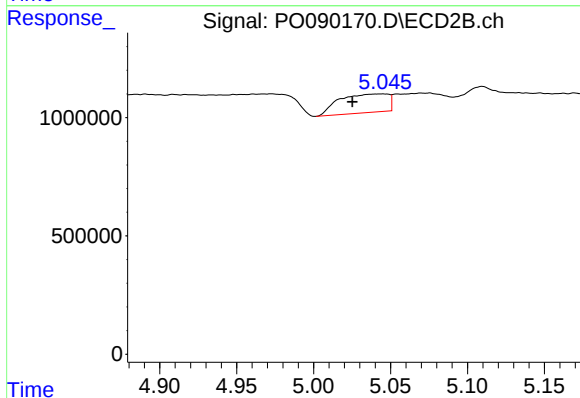
R.T.: 4.849 min
Delta R.T.: 0.038 min
Response: 945529
Conc: 38.09 ng/ml



#7 AR-1016-5

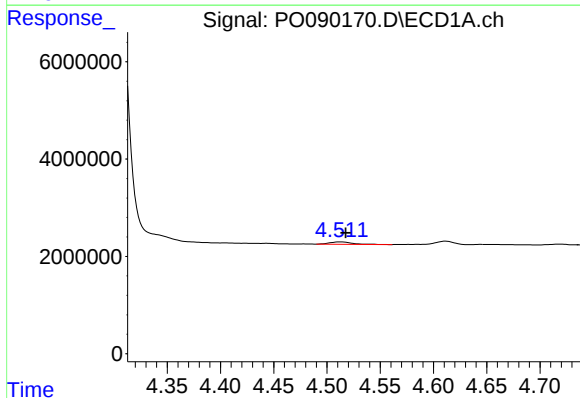
R.T.: 5.935 min
Delta R.T.: -0.027 min
Response: 2256990
Conc: 29.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



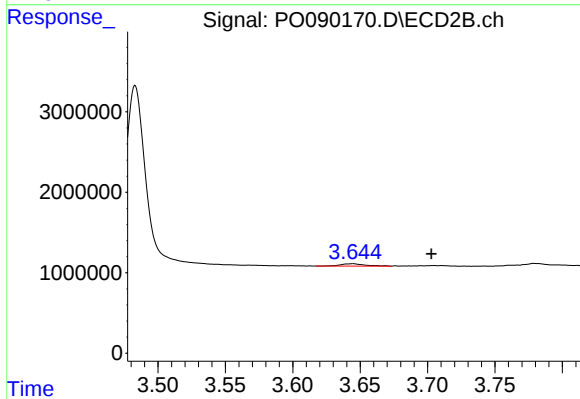
#7 AR-1016-5

R.T.: 5.045 min
Delta R.T.: 0.020 min
Response: 1764577
Conc: 57.44 ng/ml



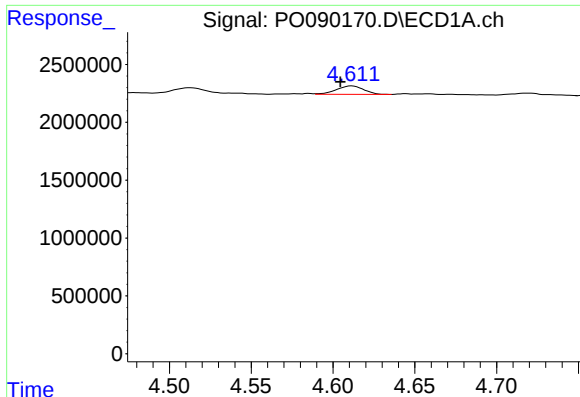
#8 AR-1221-1

R.T.: 4.512 min
Delta R.T.: -0.005 min
Response: 717408
Conc: 18.79 ng/ml



#8 AR-1221-1

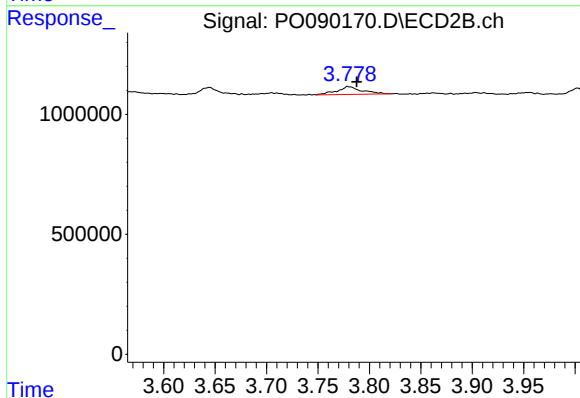
R.T.: 3.645 min
Delta R.T.: -0.058 min
Response: 374908
Conc: 28.06 ng/ml



#9 AR-1221-2

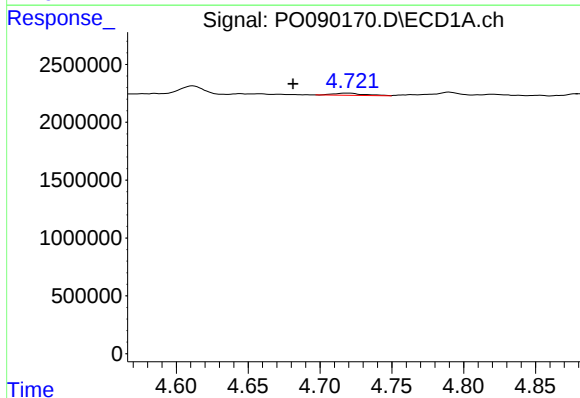
R.T.: 4.611 min
Delta R.T.: 0.007 min
Response: 846918
Conc: 29.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



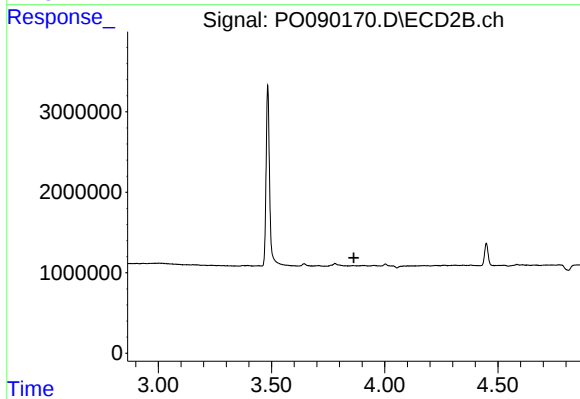
#9 AR-1221-2

R.T.: 3.779 min
Delta R.T.: -0.009 min
Response: 542560
Conc: 53.46 ng/ml



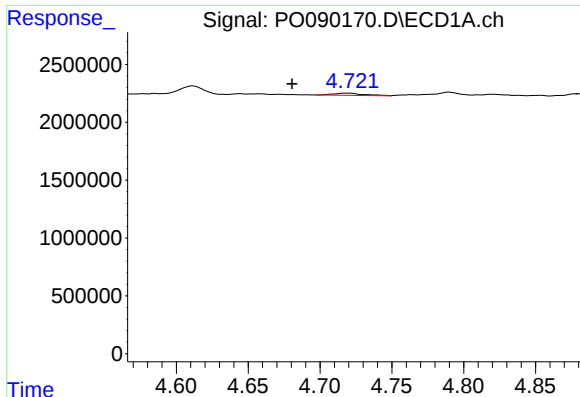
#10 AR-1221-3

R.T.: 4.718 min
Delta R.T.: 0.037 min
Response: 287895
Conc: 3.36 ng/ml



#10 AR-1221-3

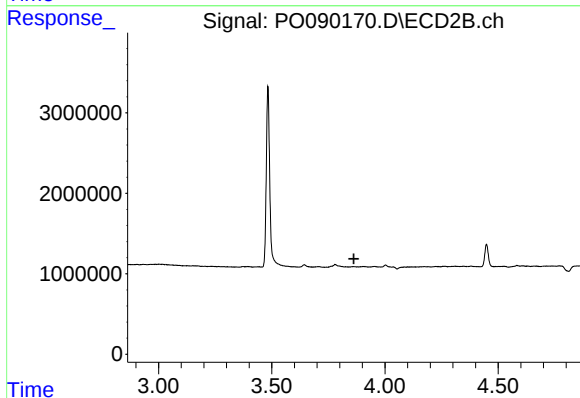
R.T.: 0.000 min
Exp R.T.: 3.864 min
Response: 0
Conc: N.D.



#11 AR-1232-1

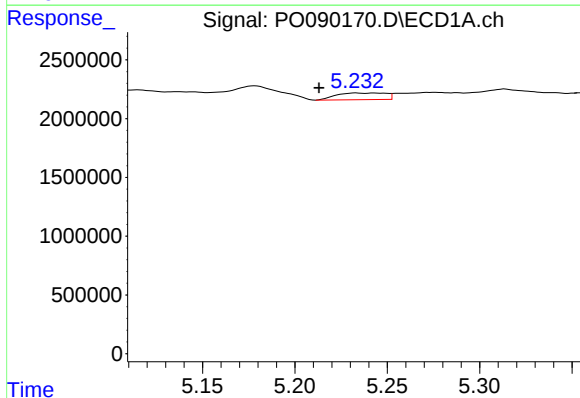
R.T.: 4.718 min
Delta R.T.: 0.038 min
Response: 287895
Conc: 4.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



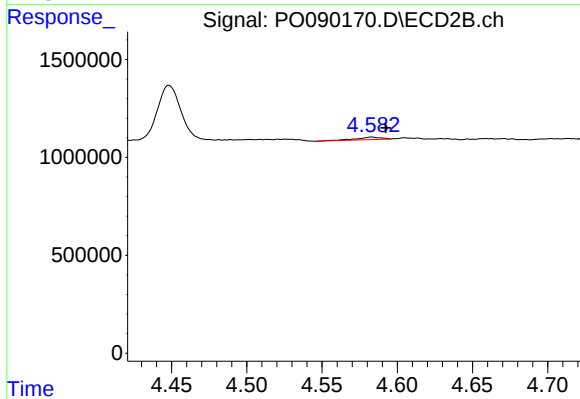
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.863 min
Response: 0
Conc: N.D.



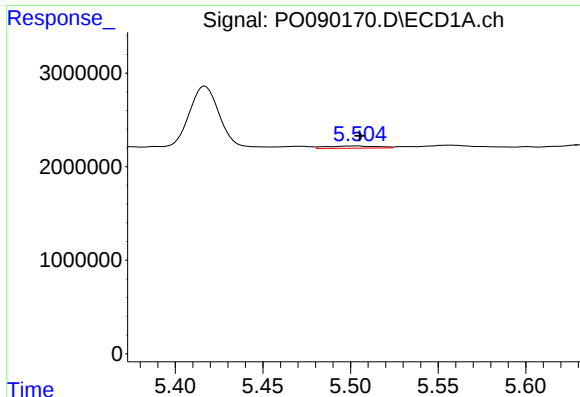
#12 AR-1232-2

R.T.: 5.233 min
Delta R.T.: 0.020 min
Response: 1064270
Conc: 27.69 ng/ml



#12 AR-1232-2

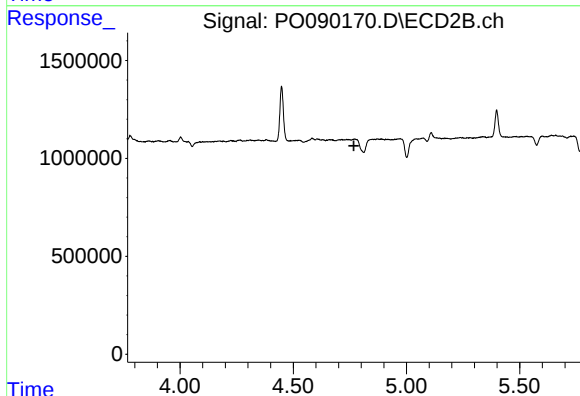
R.T.: 4.583 min
Delta R.T.: -0.009 min
Response: 155980
Conc: 6.51 ng/ml



#13 AR-1232-3

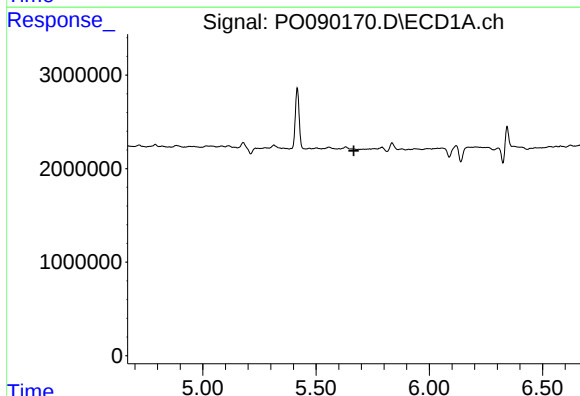
R.T.: 5.504 min
Delta R.T.: -0.001 min
Response: 475377
Conc: 7.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



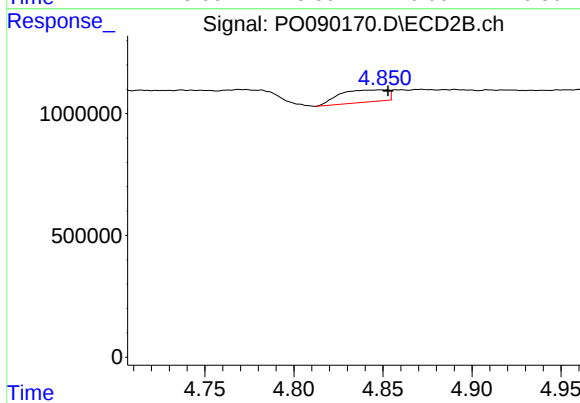
#13 AR-1232-3

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



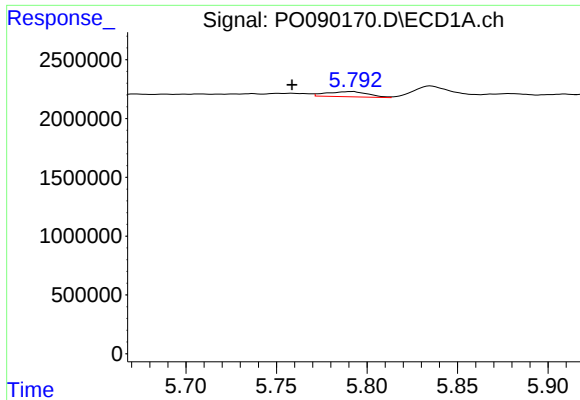
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.666 min
Response: 0
Conc: N.D.



#14 AR-1232-4

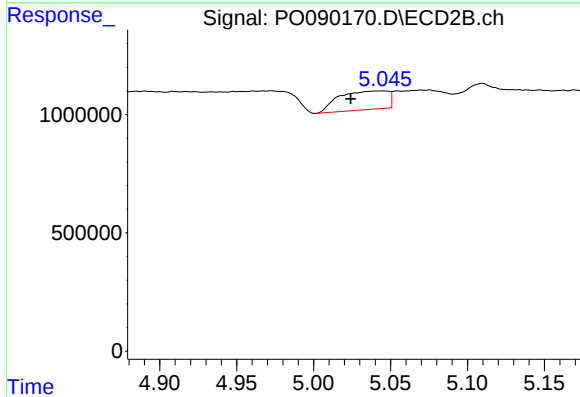
R.T.: 4.849 min
Delta R.T.: -0.003 min
Response: 945529
Conc: 77.55 ng/ml



#15 AR-1232-5

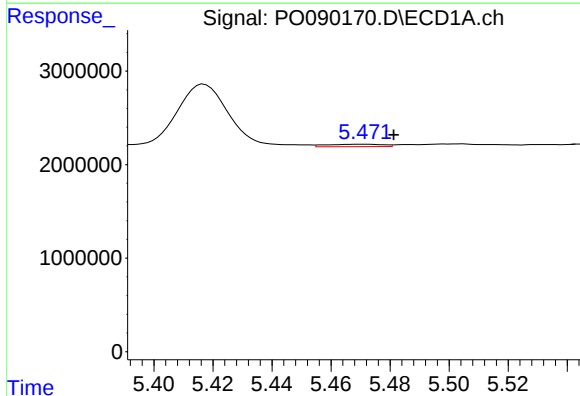
R.T.: 5.792 min
Delta R.T.: 0.033 min
Response: 693530
Conc: 26.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



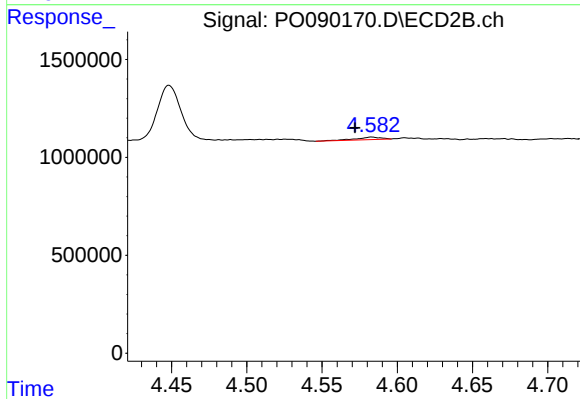
#15 AR-1232-5

R.T.: 5.045 min
Delta R.T.: 0.021 min
Response: 1764577
Conc: 132.16 ng/ml



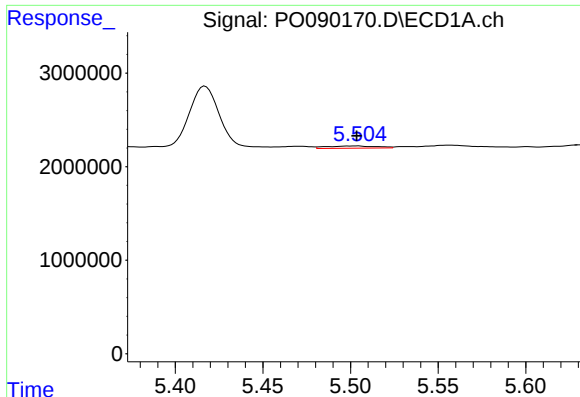
#16 AR-1242-1

R.T.: 5.471 min
Delta R.T.: -0.011 min
Response: 334471
Conc: 4.04 ng/ml



#16 AR-1242-1

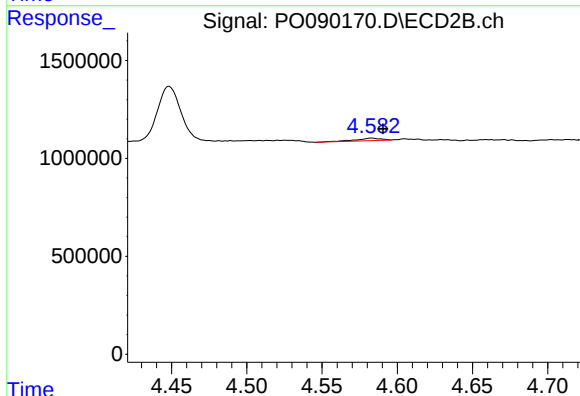
R.T.: 4.583 min
Delta R.T.: 0.011 min
Response: 155980
Conc: 5.24 ng/ml



#17 AR-1242-2

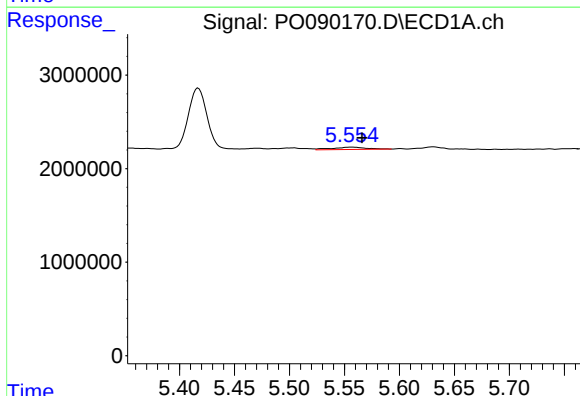
R.T.: 5.504 min
Delta R.T.: 0.000 min
Response: 475377
Conc: 4.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



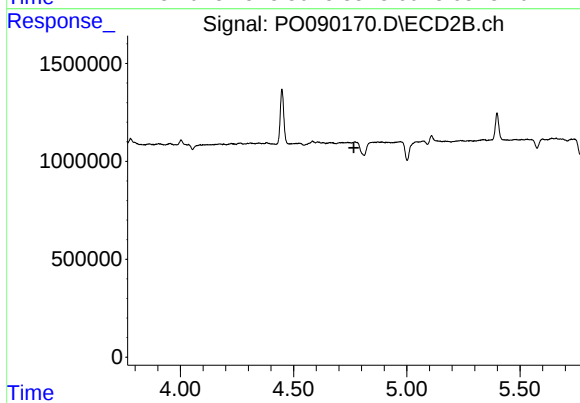
#17 AR-1242-2

R.T.: 4.583 min
Delta R.T.: -0.008 min
Response: 155980
Conc: 3.83 ng/ml



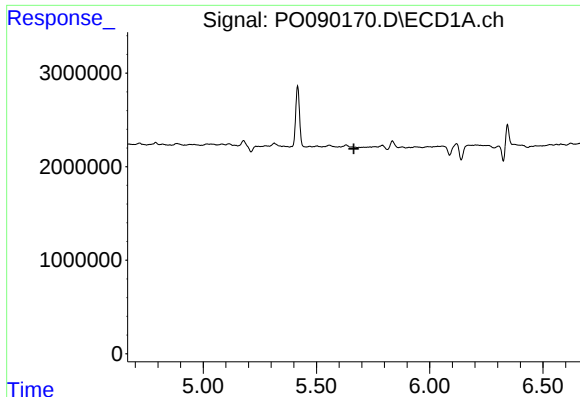
#18 AR-1242-3

R.T.: 5.556 min
Delta R.T.: -0.010 min
Response: 528006
Conc: 7.09 ng/ml



#18 AR-1242-3

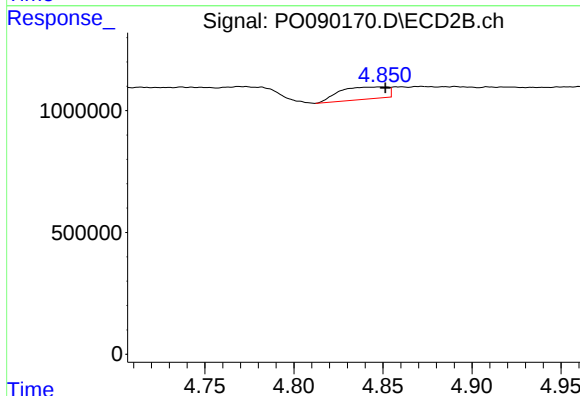
R.T.: 0.000 min
Exp R.T.: 4.766 min
Response: 0
Conc: N.D.



#19 AR-1242-4

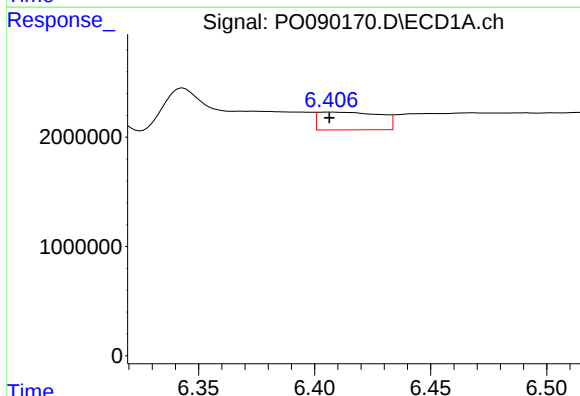
R.T.: 0.000 min
Exp R.T.: 5.665 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



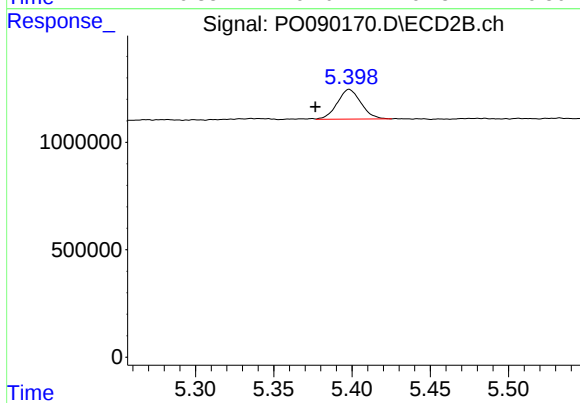
#19 AR-1242-4

R.T.: 4.849 min
Delta R.T.: -0.002 min
Response: 945529
Conc: 39.87 ng/ml



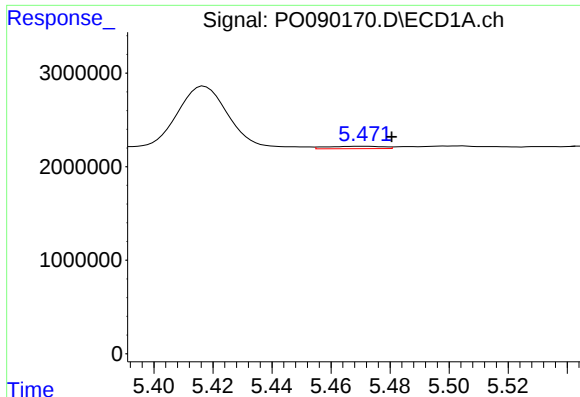
#20 AR-1242-5

R.T.: 6.407 min
Delta R.T.: 0.000 min
Response: 3001244
Conc: 48.83 ng/ml



#20 AR-1242-5

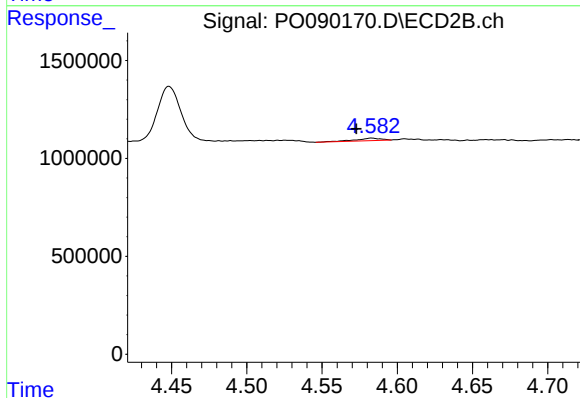
R.T.: 5.398 min
Delta R.T.: 0.022 min
Response: 1456406
Conc: 50.91 ng/ml



#21 AR-1248-1

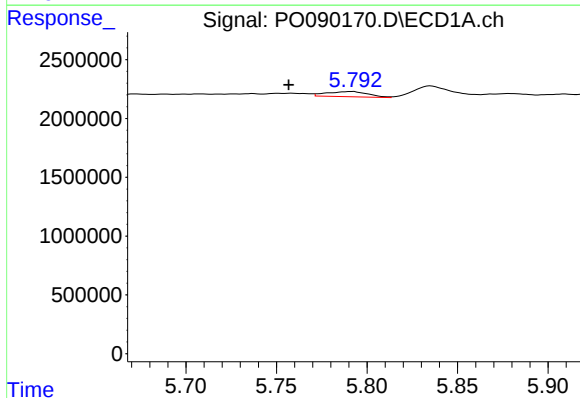
R.T.: 5.471 min
Delta R.T.: -0.010 min
Response: 334471
Conc: 5.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



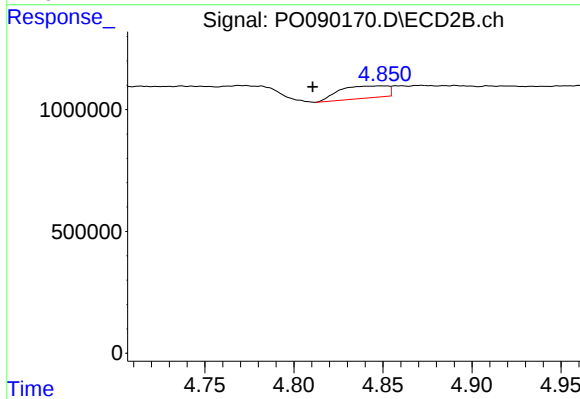
#21 AR-1248-1

R.T.: 4.583 min
Delta R.T.: 0.010 min
Response: 155980
Conc: 6.87 ng/ml



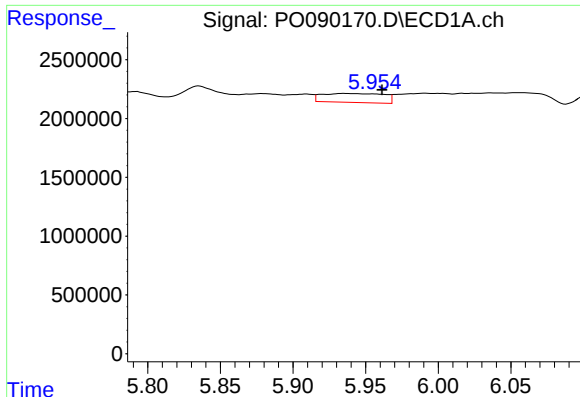
#22 AR-1248-2

R.T.: 5.792 min
Delta R.T.: 0.035 min
Response: 693530
Conc: 7.32 ng/ml



#22 AR-1248-2

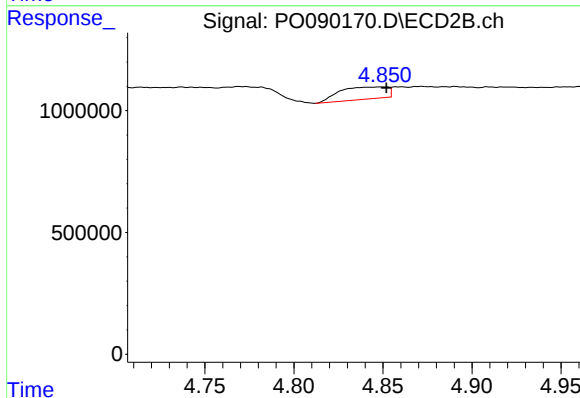
R.T.: 4.849 min
Delta R.T.: 0.039 min
Response: 945529
Conc: 29.08 ng/ml



#23 AR-1248-3

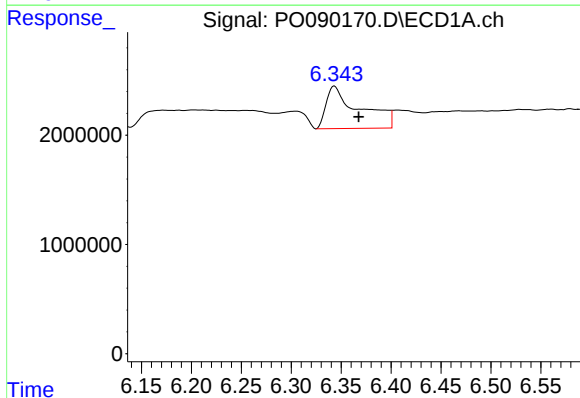
R.T.: 5.935 min
Delta R.T.: -0.027 min
Response: 2256990
Conc: 22.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



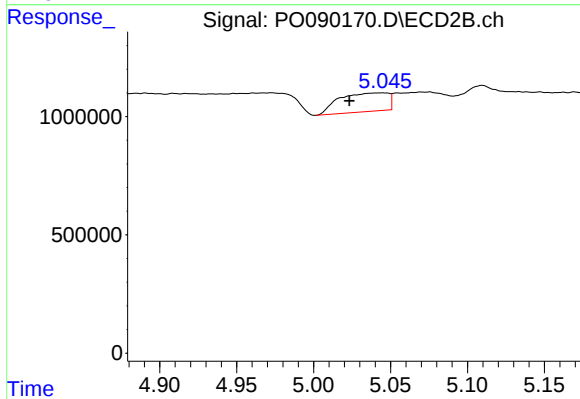
#23 AR-1248-3

R.T.: 4.849 min
Delta R.T.: -0.003 min
Response: 945529
Conc: 28.05 ng/ml



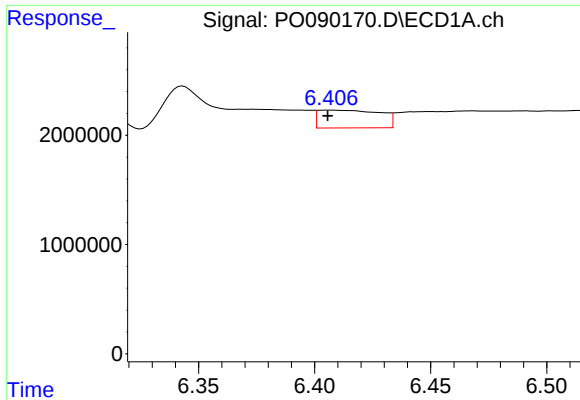
#24 AR-1248-4

R.T.: 6.343 min
Delta R.T.: -0.024 min
Response: 9014973
Conc: 84.55 ng/ml



#24 AR-1248-4

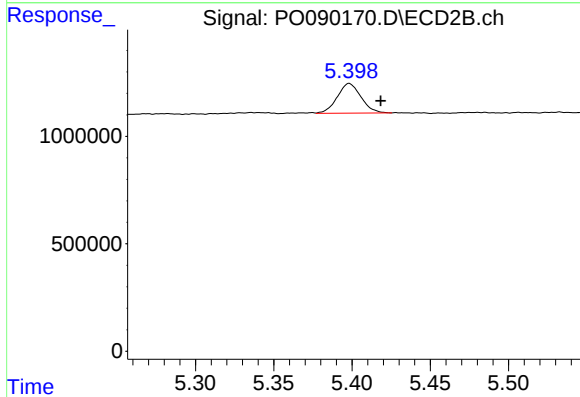
R.T.: 5.045 min
Delta R.T.: 0.022 min
Response: 1764577
Conc: 45.63 ng/ml



#25 AR-1248-5

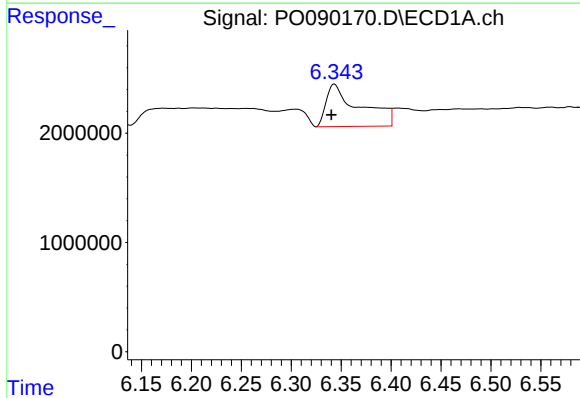
R.T.: 6.407 min
Delta R.T.: 0.001 min
Response: 3001244
Conc: 28.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



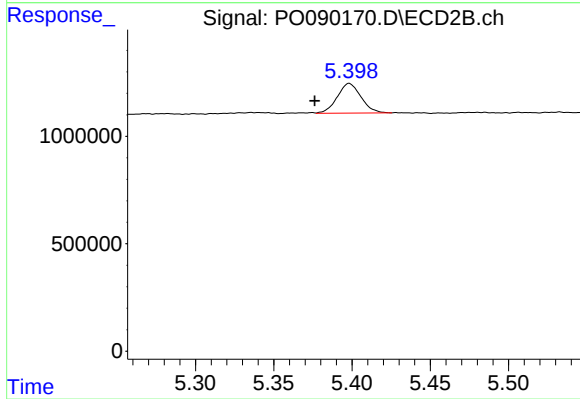
#25 AR-1248-5

R.T.: 5.398 min
Delta R.T.: -0.020 min
Response: 1456406
Conc: 40.22 ng/ml



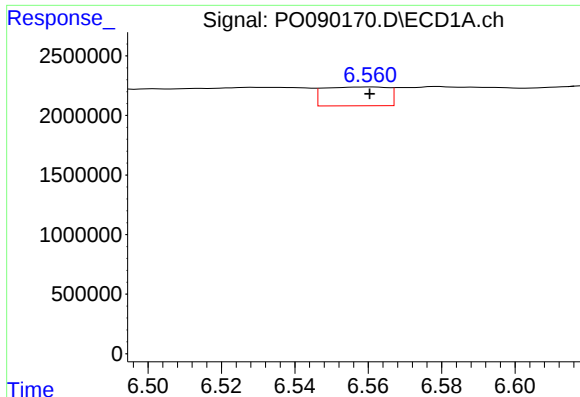
#26 AR-1254-1

R.T.: 6.343 min
Delta R.T.: 0.003 min
Response: 9014973
Conc: 77.78 ng/ml



#26 AR-1254-1

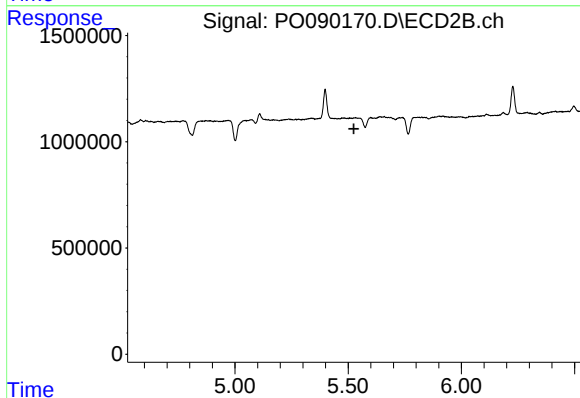
R.T.: 5.398 min
Delta R.T.: 0.022 min
Response: 1456406
Conc: 24.72 ng/ml



#27 AR-1254-2

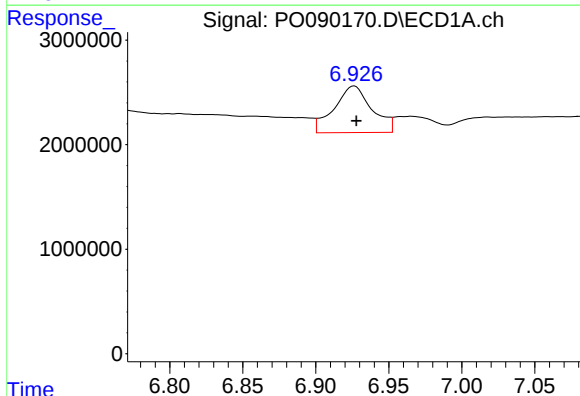
R.T.: 6.560 min
Delta R.T.: 0.000 min
Response: 1920637
Conc: 11.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



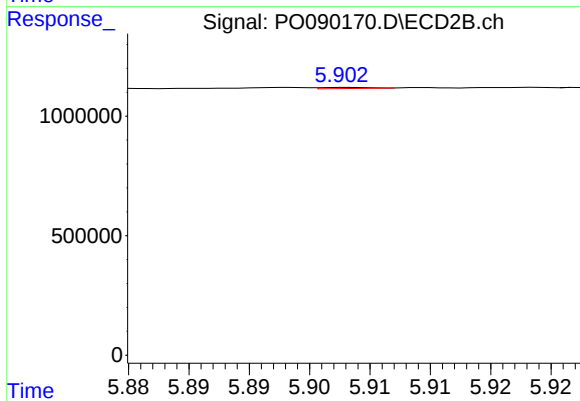
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.525 min
Response: 0
Conc: N.D.



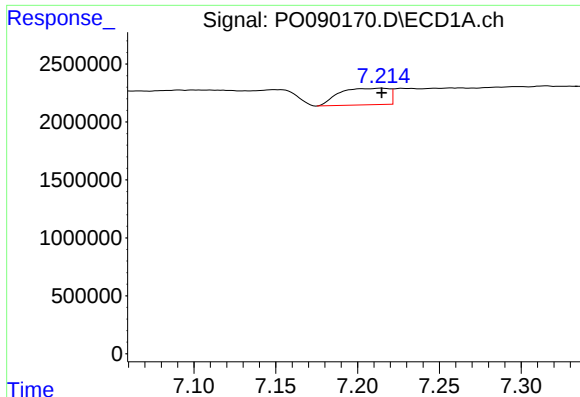
#28 AR-1254-3

R.T.: 6.926 min
Delta R.T.: -0.001 min
Response: 8042501
Conc: 46.33 ng/ml



#28 AR-1254-3

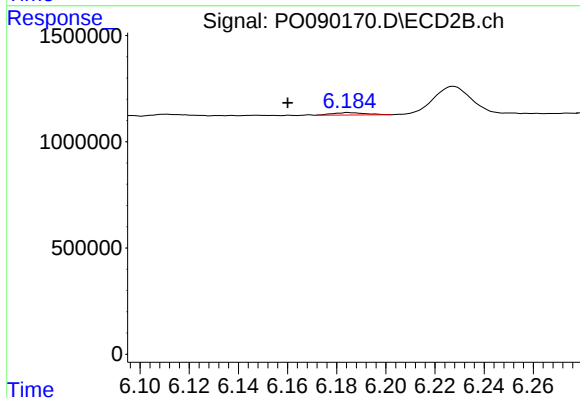
R.T.: 5.903 min
Delta R.T.: -0.027 min
Response: 12931
Conc: 0.16 ng/ml



#29 AR-1254-4

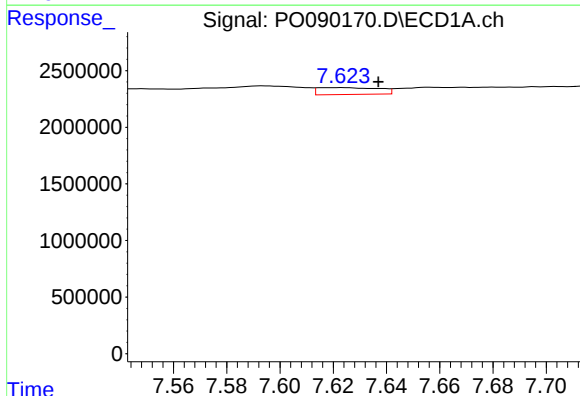
R.T.: 7.215 min
Delta R.T.: 0.000 min
Response: 2996599
Conc: 23.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



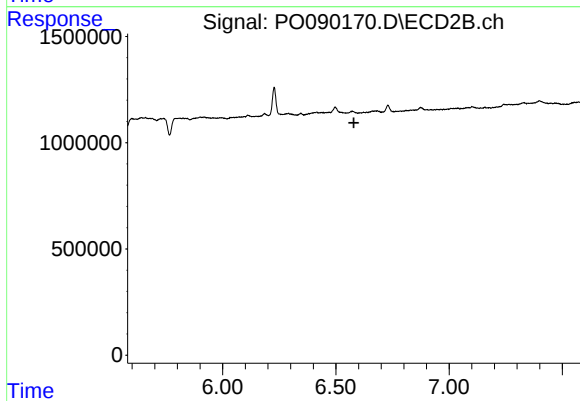
#29 AR-1254-4

R.T.: 6.185 min
Delta R.T.: 0.025 min
Response: 104199
Conc: 2.10 ng/ml



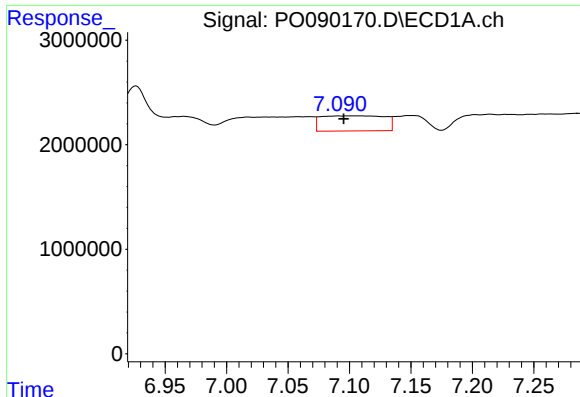
#30 AR-1254-5

R.T.: 7.623 min
Delta R.T.: -0.014 min
Response: 962845
Conc: 6.84 ng/ml



#30 AR-1254-5

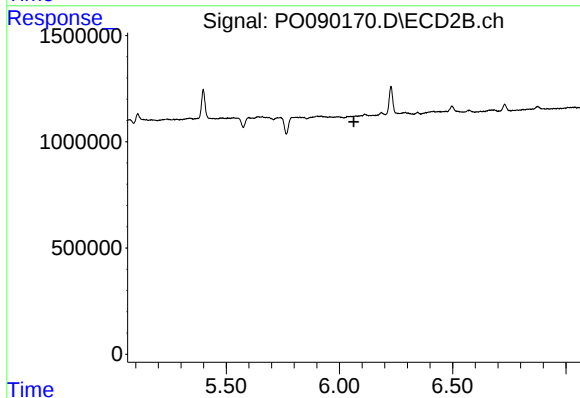
R.T.: 0.000 min
Exp R.T.: 6.579 min
Response: 0
Conc: N.D.



#31 AR-1260-1

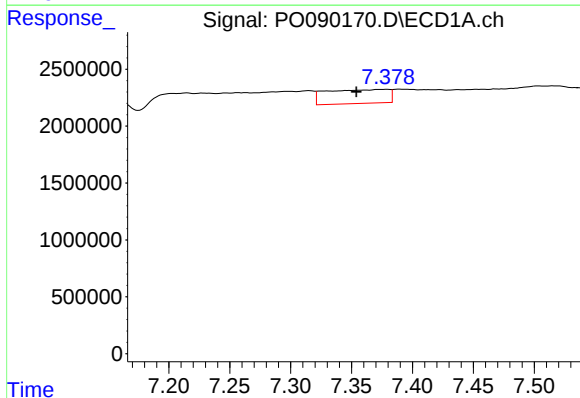
R.T.: 7.103 min
Delta R.T.: 0.008 min
Response: 5209591
Conc: 37.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



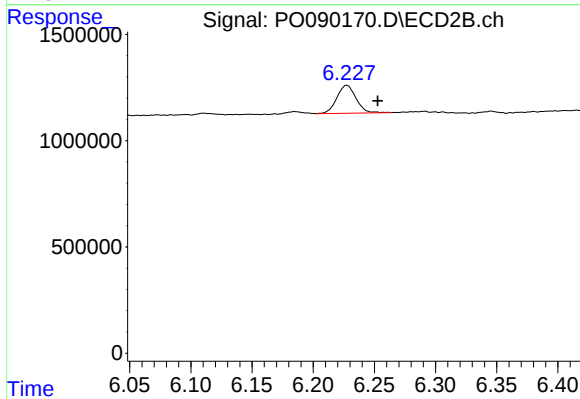
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.064 min
Response: 0
Conc: N.D.



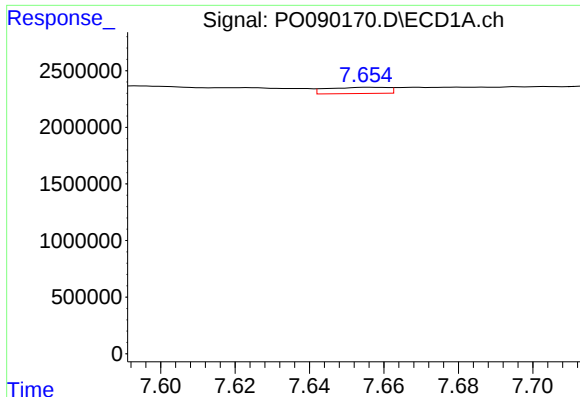
#32 AR-1260-2

R.T.: 7.379 min
Delta R.T.: 0.025 min
Response: 4358172
Conc: 26.94 ng/ml



#32 AR-1260-2

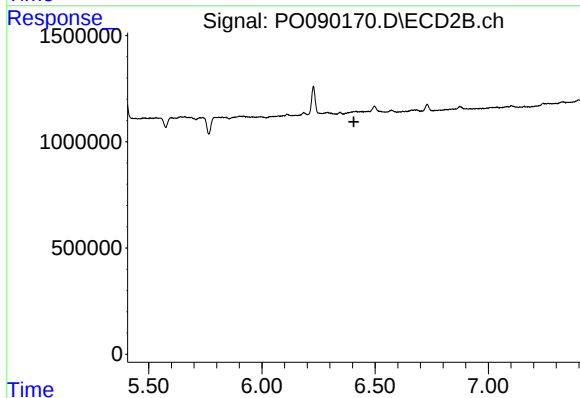
R.T.: 6.228 min
Delta R.T.: -0.025 min
Response: 1429264
Conc: 19.78 ng/ml



#33 AR-1260-3

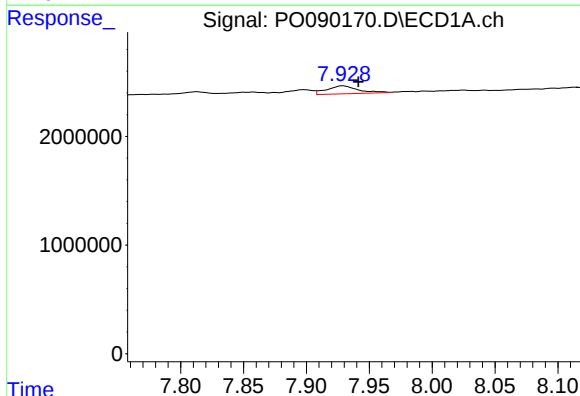
R.T.: 7.656 min
Delta R.T.: -0.060 min
Response: 621061
Conc: 5.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



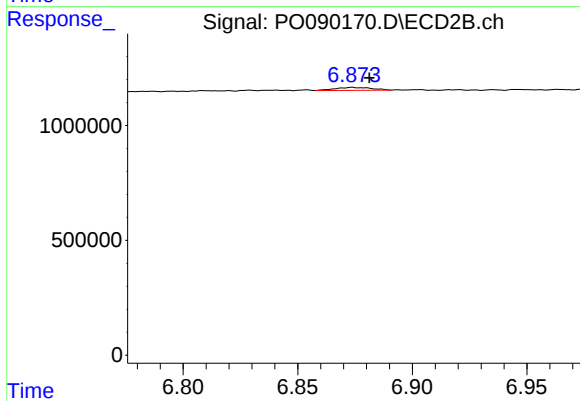
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.406 min
Response: 0
Conc: N.D.



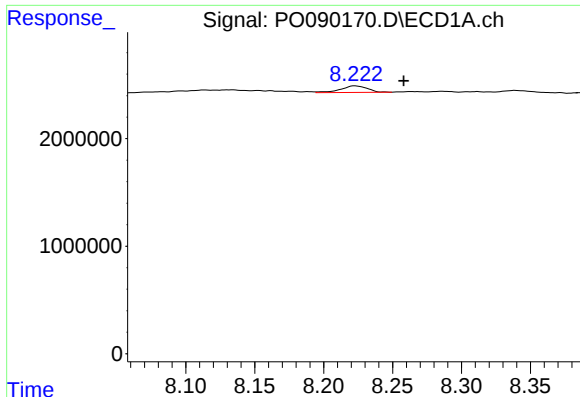
#34 AR-1260-4

R.T.: 7.929 min
Delta R.T.: -0.013 min
Response: 1273661
Conc: 10.31 ng/ml



#34 AR-1260-4

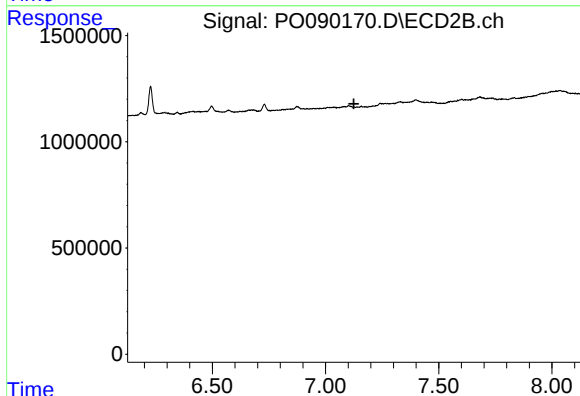
R.T.: 6.874 min
Delta R.T.: -0.007 min
Response: 138217
Conc: 2.72 ng/ml



#35 AR-1260-5

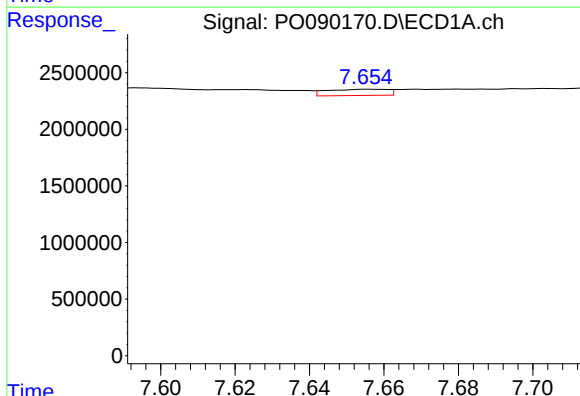
R.T.: 8.223 min
Delta R.T.: -0.035 min
Response: 811459
Conc: 3.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



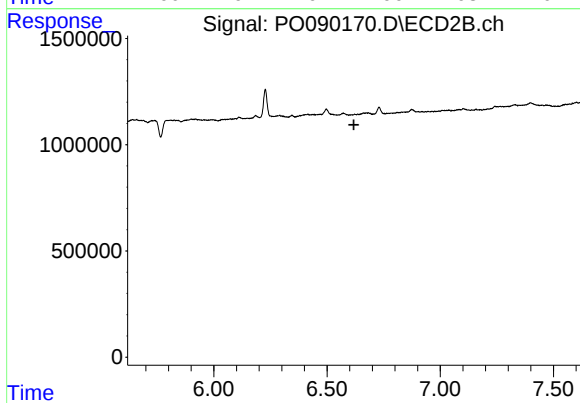
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.125 min
Response: 0
Conc: N.D.



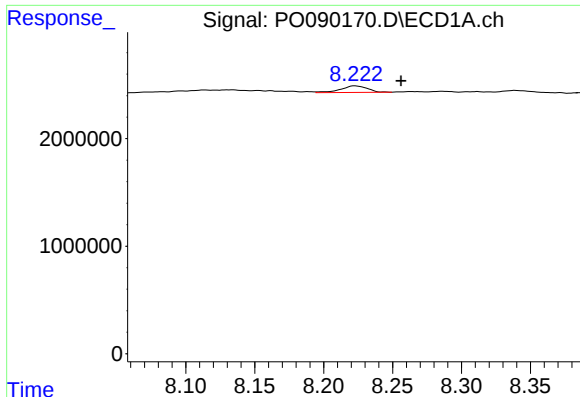
#36 AR-1262-1

R.T.: 7.656 min
Delta R.T.: -0.058 min
Response: 621061
Conc: 3.75 ng/ml



#36 AR-1262-1

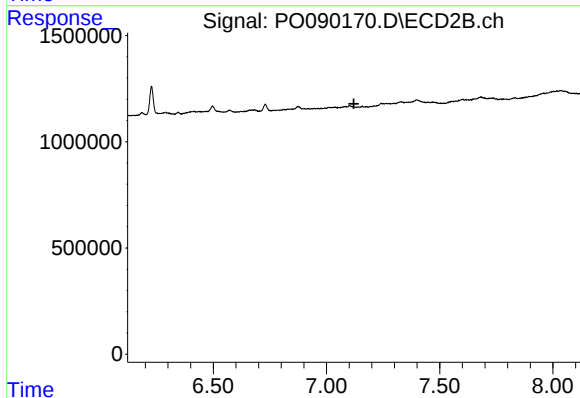
R.T.: 0.000 min
Exp R.T. : 6.618 min
Response: 0
Conc: N.D.



#37 AR-1262-2

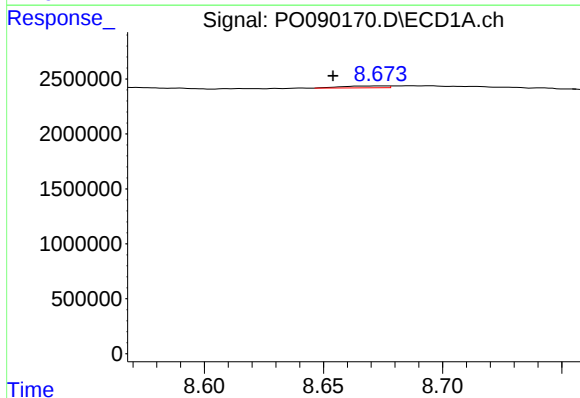
R.T.: 8.223 min
Delta R.T.: -0.033 min
Response: 811459
Conc: 2.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



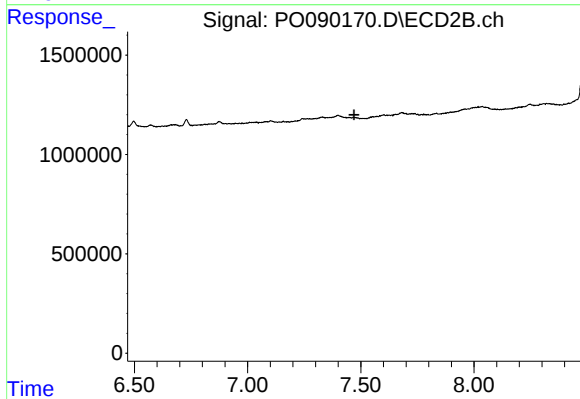
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.121 min
Response: 0
Conc: N.D.



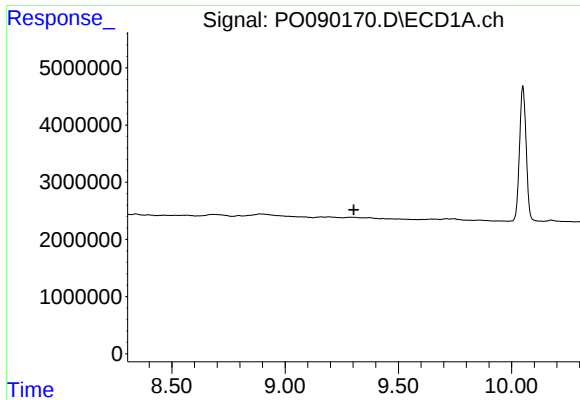
#39 AR-1262-4

R.T.: 8.674 min
Delta R.T.: 0.020 min
Response: 219364
Conc: 2.25 ng/ml



#39 AR-1262-4

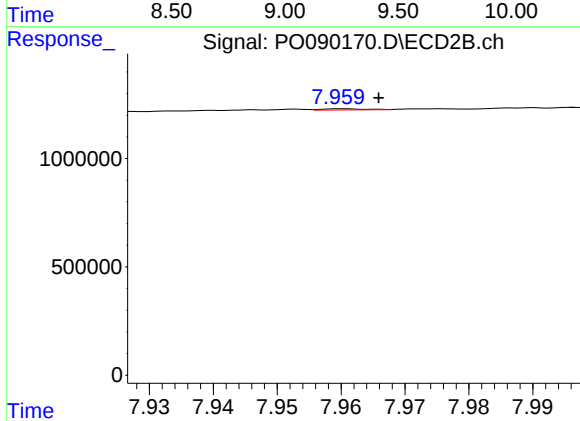
R.T.: 0.000 min
Exp R.T. : 7.470 min
Response: 0
Conc: N.D.



#40 AR-1262-5

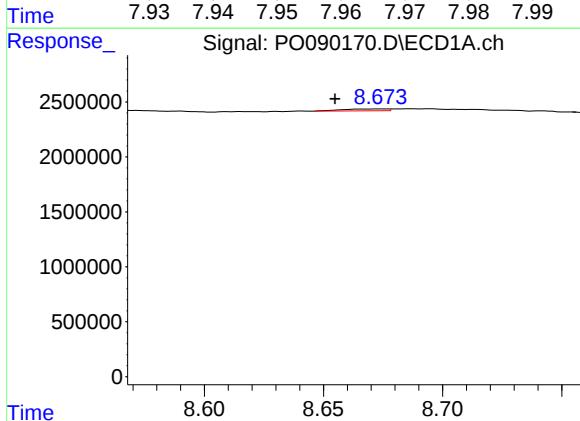
R.T.: 0.000 min
Exp R.T.: 9.303 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



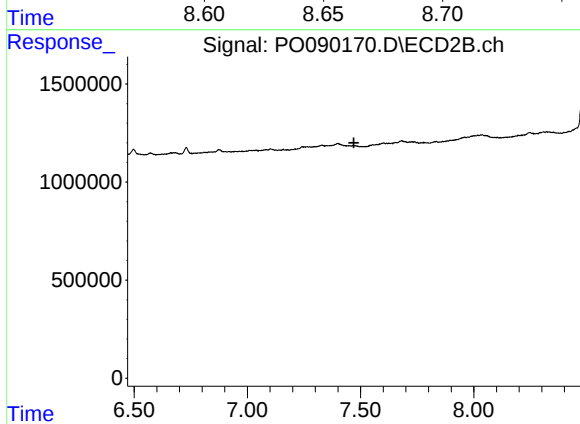
#40 AR-1262-5

R.T.: 7.960 min
Delta R.T.: -0.006 min
Response: 26217
Conc: 0.55 ng/ml



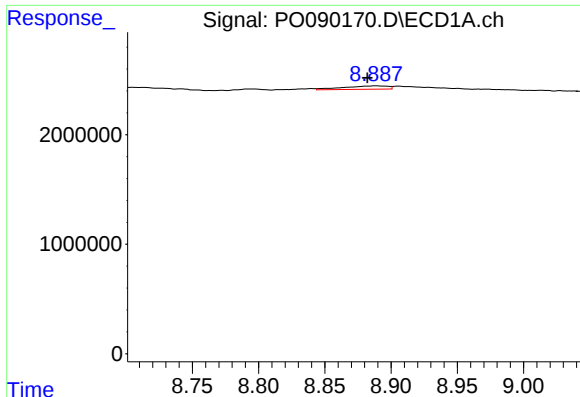
#42 AR-1268-2

R.T.: 8.674 min
Delta R.T.: 0.019 min
Response: 219364
Conc: 0.70 ng/ml



#42 AR-1268-2

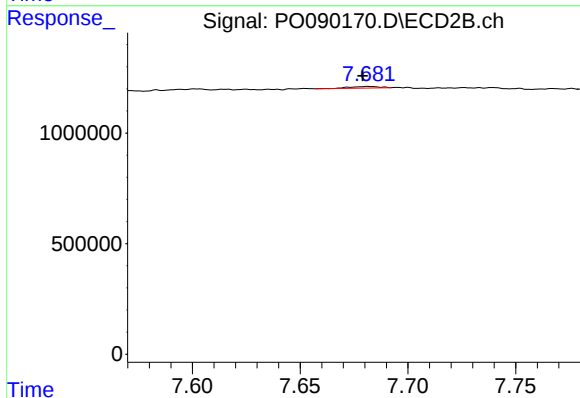
R.T.: 0.000 min
Exp R.T.: 7.471 min
Response: 0
Conc: N.D.



#43 AR-1268-3

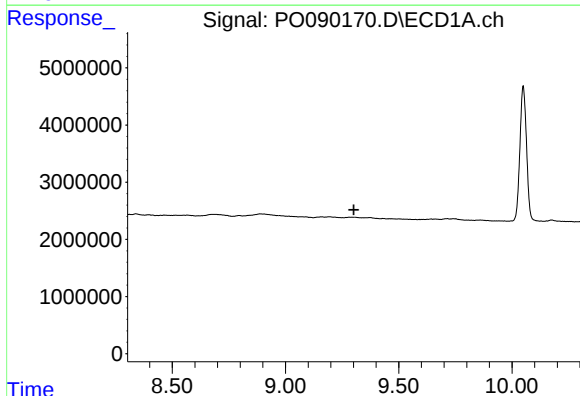
R.T.: 8.888 min
Delta R.T.: 0.006 min
Response: 713386
Conc: 2.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



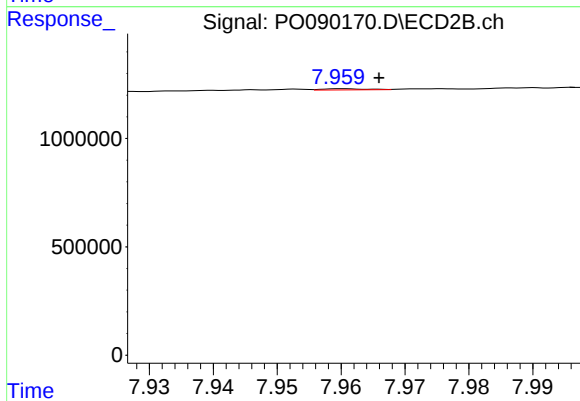
#43 AR-1268-3

R.T.: 7.681 min
Delta R.T.: 0.002 min
Response: 74598
Conc: 0.62 ng/ml



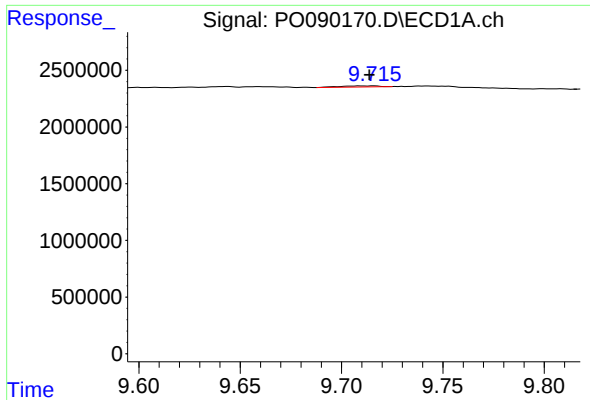
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.302 min
Response: 0
Conc: N.D.



#44 AR-1268-4

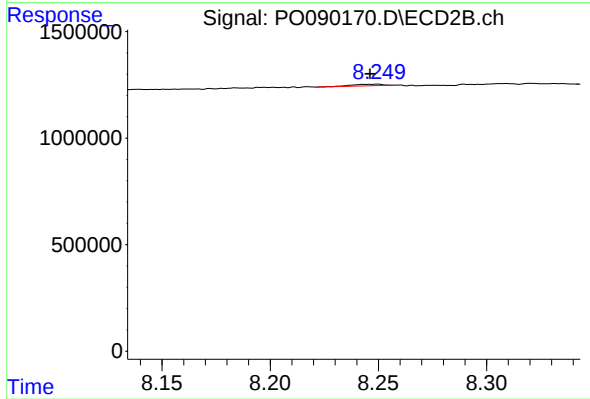
R.T.: 7.960 min
Delta R.T.: -0.006 min
Response: 26217
Conc: 0.48 ng/ml



#45 AR-1268-5

R.T.: 9.716 min
Delta R.T.: 0.002 min
Response: 128231
Conc: 0.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.250 min
Delta R.T.: 0.004 min
Response: 73054
Conc: 0.21 ng/ml