

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080522\
 Data File : P0088589.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Aug 2022 11:37
 Operator : YP/AJ
 Sample : N3980-07
 Misc : AR1262 LOD 25 PPB
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 02:20:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 05 23:24:09 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...	4.437	3.595	48127644	17015544	17.843	15.722
2)	SA Decachlor...	10.280	8.590	36176279	21705499	18.747	17.910
Target Compounds							
3)	L1 AR-1016-1	5.556f	0.000	313790	0	3.892	N.D. #
5)	L1 AR-1016-3	0.000	4.931f	0	98832	N.D.	3.378 #
6)	L1 AR-1016-4	0.000	4.931	0	98832	N.D.	4.097 #
7)	L1 AR-1016-5	0.000	5.086f	0	70215	N.D.	2.153 #
9)	L2 AR-1221-2	4.746	3.892	837337	240038	36.217	26.576 #
10)	L2 AR-1221-3	4.876f	0.000	60192	0	0.858	N.D. #
11)	L3 AR-1232-1	4.746f	0.000	837337	0	15.074	N.D. #
12)	L3 AR-1232-2	5.210f	0.000	413504	0	14.914	N.D. #
13)	L3 AR-1232-3	0.000	4.931f	0	98832	N.D.	8.042 #
14)	L3 AR-1232-4	0.000	4.951	0	68160	N.D.	5.783 #
15)	L3 AR-1232-5	5.881	5.086f	199135	70215	9.676	5.219 #
16)	L4 AR-1242-1	5.556f	0.000	313790	0	4.669	N.D. #
18)	L4 AR-1242-3	0.000	4.931f	0	98832	N.D.	4.117 #
19)	L4 AR-1242-4	0.000	4.951	0	68160	N.D.	2.703 #
20)	L4 AR-1242-5	6.502f	5.475	42957	106055	0.828	3.331 #
21)	L5 AR-1248-1	5.556f	0.000	313790	0	6.082	N.D. #
22)	L5 AR-1248-2	5.881	4.931	199135	98832	2.594	2.754
23)	L5 AR-1248-3	0.000	4.951	0	68160	N.D.	1.790 #
24)	L5 AR-1248-4	6.502	5.086f	42957	70215	0.478	1.529 #
25)	L5 AR-1248-5	6.502f	5.475f	42957	106055	0.485	2.429 #
26)	L6 AR-1254-1	6.477	5.475	672439	106055	7.361	1.540 #
27)	L6 AR-1254-2	6.695	5.622	577099	384269	4.220	6.489 #
28)	L6 AR-1254-3	7.067	6.041	898985	845140	6.388	9.089 #
29)	L6 AR-1254-4	7.348	6.284	347710	296616	3.441	5.236 #
30)	L6 AR-1254-5	7.770	6.670	1992810	1025846	18.714	12.567 #
31)	L7 AR-1260-1	7.228	6.155	2131955	1192561	20.629	18.765
32)	L7 AR-1260-2	7.487	6.344	2315483	1561428	19.590	20.377
33)	L7 AR-1260-3	7.848	6.498	3148167	1336295	35.839	18.601 #
34)	L7 AR-1260-4	8.076	6.968	2725621	1670997	27.829	27.384
35)	L7 AR-1260-5	8.403	7.211	5248733	3333355	28.495	23.634
36)	L8 AR-1262-1	7.848	6.763	3148167	805588	24.845	23.007
37)	L8 AR-1262-2	8.403	7.211	5248733	3333355	24.999	21.761
38)	L8 AR-1262-3	8.725	7.494	3222775	1279858	35.746	20.751 #
39)	L8 AR-1262-4	8.817	7.557	2629766	2466505	39.894	21.658 #
40)	L8 AR-1262-5	9.497	8.052	1985429	1163708	24.761	21.675
41)	L9 AR-1268-1	8.725	7.494	3222775	1279858	12.994	7.228 #
42)	L9 AR-1268-2	8.817	7.557	2629766	2466505	11.560	15.363 #
43)	L9 AR-1268-3	9.057	7.761	234540	226592	1.197	1.643 #
44)	L9 AR-1268-4	9.497	8.052	1985429	1163708	22.801	20.106

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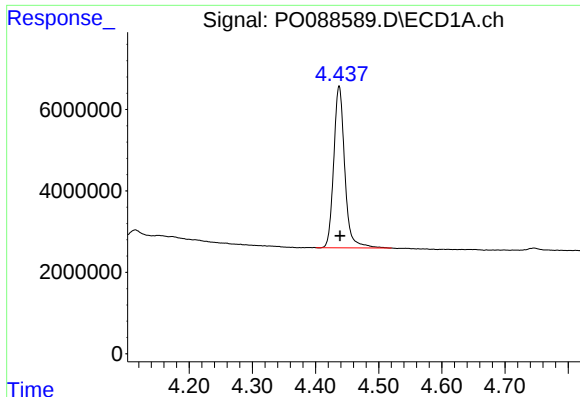
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 02:20:02 2022
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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
45) L9	AR-1268-5	9.924	8.340	1140132	872888	1.822	2.140

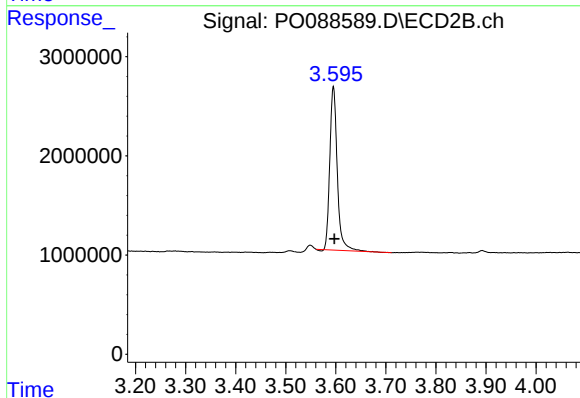
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

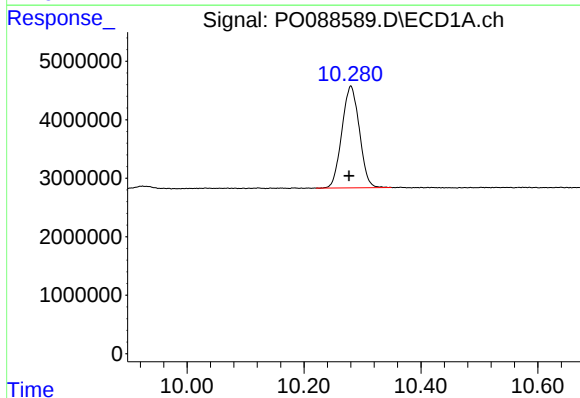
R.T.: 4.437 min
Delta R.T.: -0.002 min
Response: 48127644
Conc: 17.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



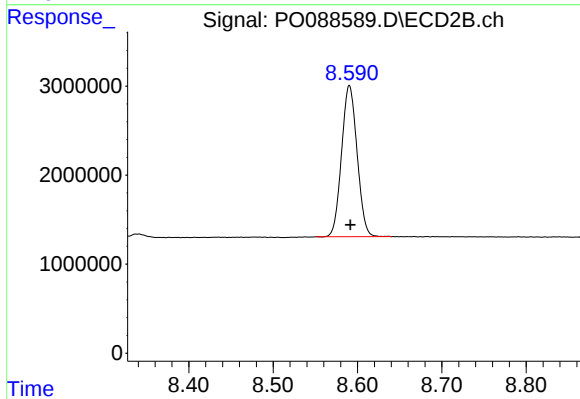
#1 Tetrachloro-m-xylene

R.T.: 3.595 min
Delta R.T.: -0.002 min
Response: 17015544
Conc: 15.72 ng/ml



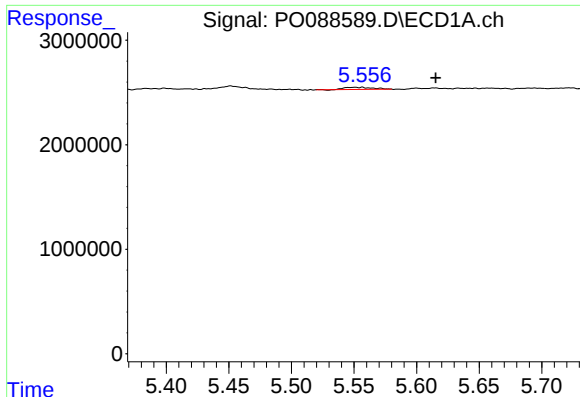
#2 Decachlorobiphenyl

R.T.: 10.280 min
Delta R.T.: 0.003 min
Response: 36176279
Conc: 18.75 ng/ml



#2 Decachlorobiphenyl

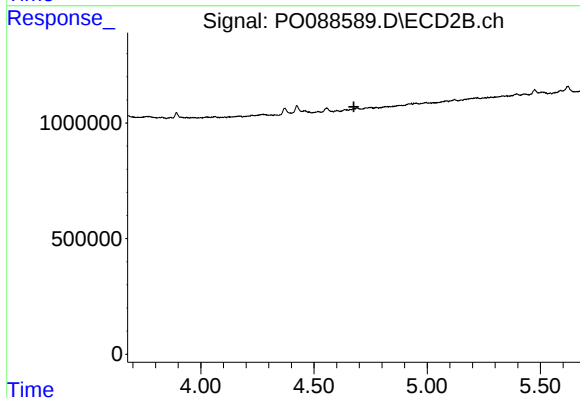
R.T.: 8.590 min
Delta R.T.: -0.001 min
Response: 21705499
Conc: 17.91 ng/ml



#3 AR-1016-1

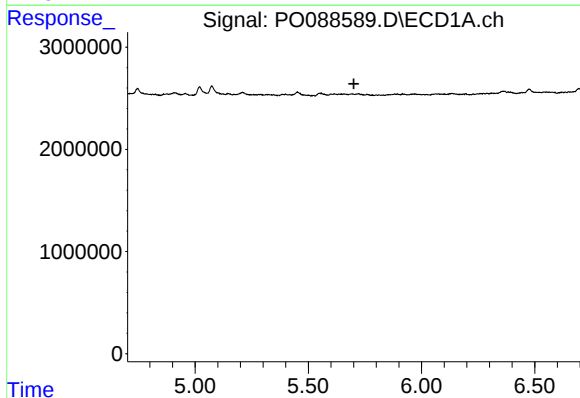
R.T.: 5.556 min
Delta R.T.: -0.059 min
Response: 313790
Conc: 3.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



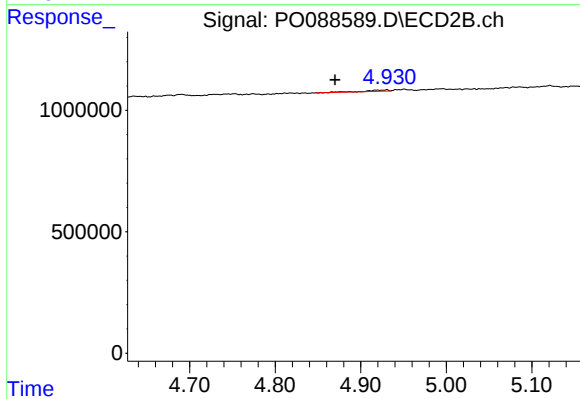
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.676 min
Response: 0
Conc: N.D.



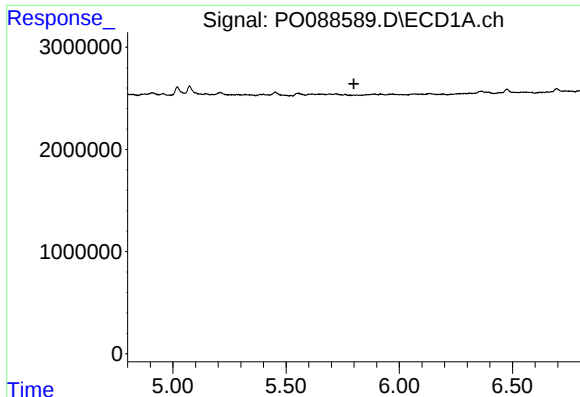
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.701 min
Response: 0
Conc: N.D.



#5 AR-1016-3

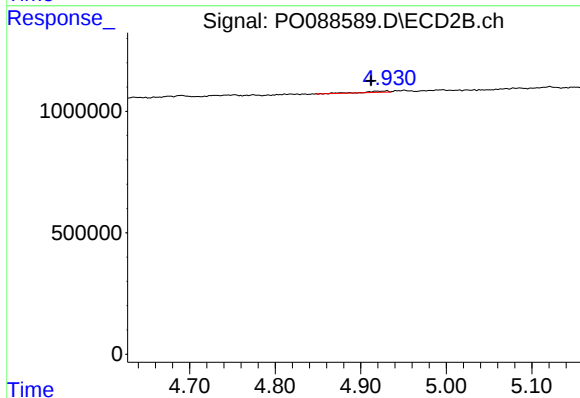
R.T.: 4.931 min
Delta R.T.: 0.060 min
Response: 98832
Conc: 3.38 ng/ml



#6 AR-1016-4

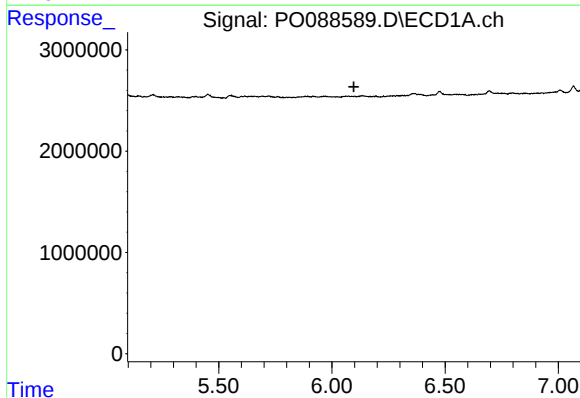
R.T.: 0.000 min
Exp R.T.: 5.800 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



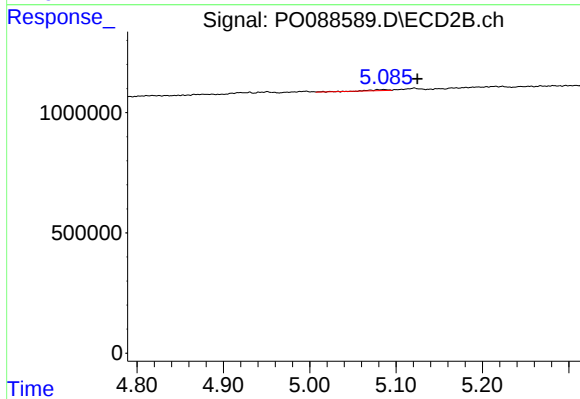
#6 AR-1016-4

R.T.: 4.931 min
Delta R.T.: 0.018 min
Response: 98832
Conc: 4.10 ng/ml



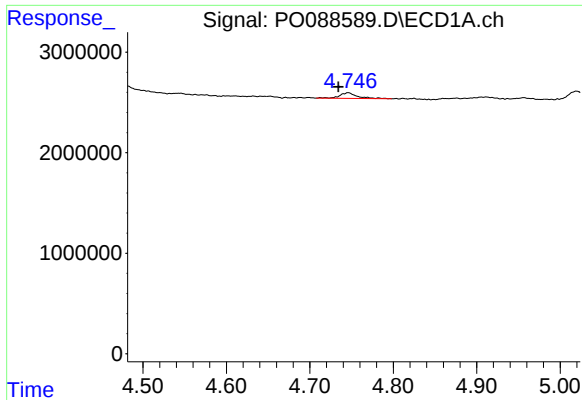
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T.: 6.097 min
Response: 0
Conc: N.D.



#7 AR-1016-5

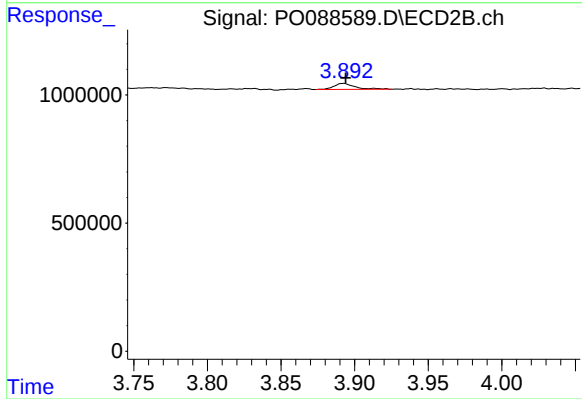
R.T.: 5.086 min
Delta R.T.: -0.039 min
Response: 70215
Conc: 2.15 ng/ml



#9 AR-1221-2

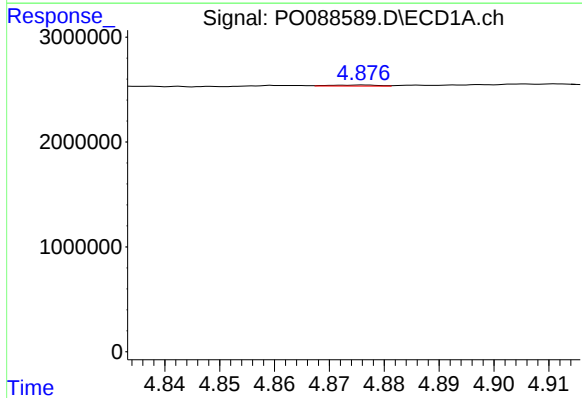
R.T.: 4.746 min
Delta R.T.: 0.012 min
Response: 837337
Conc: 36.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



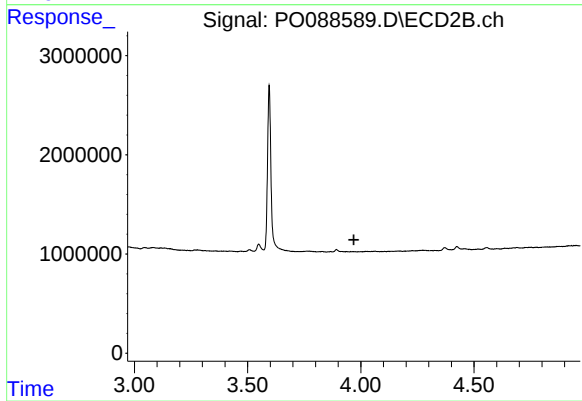
#9 AR-1221-2

R.T.: 3.892 min
Delta R.T.: -0.002 min
Response: 240038
Conc: 26.58 ng/ml



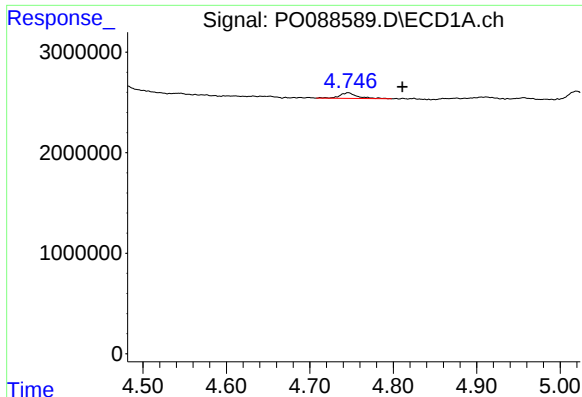
#10 AR-1221-3

R.T.: 4.876 min
Delta R.T.: 0.064 min
Response: 60192
Conc: 0.86 ng/ml



#10 AR-1221-3

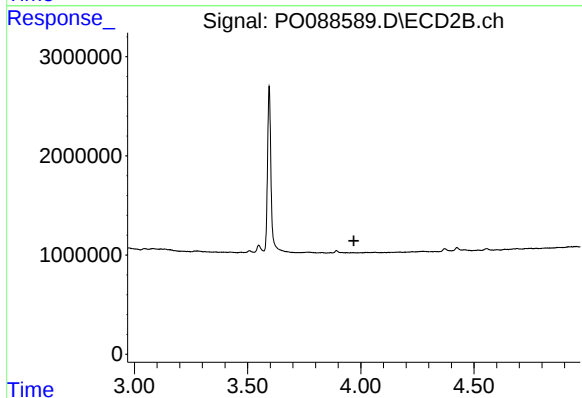
R.T.: 0.000 min
Exp R.T. : 3.969 min
Response: 0
Conc: N.D.



#11 AR-1232-1

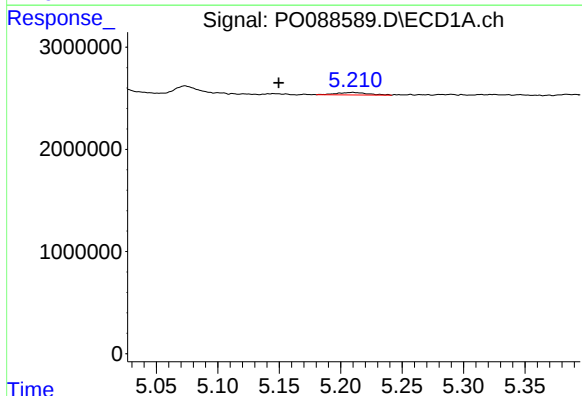
R.T.: 4.746 min
Delta R.T.: -0.065 min
Response: 837337
Conc: 15.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



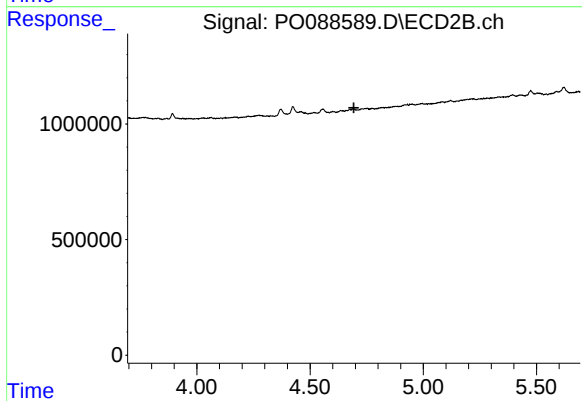
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.969 min
Response: 0
Conc: N.D.



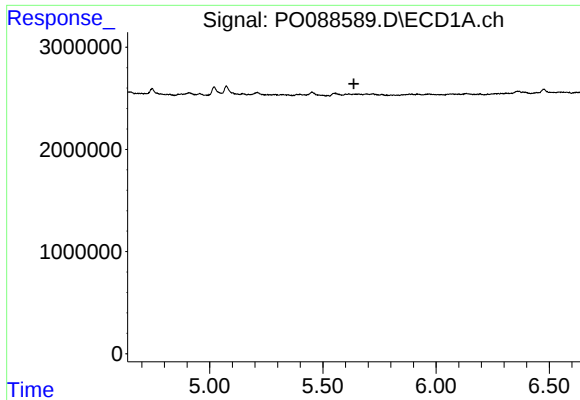
#12 AR-1232-2

R.T.: 5.210 min
Delta R.T.: 0.060 min
Response: 413504
Conc: 14.91 ng/ml



#12 AR-1232-2

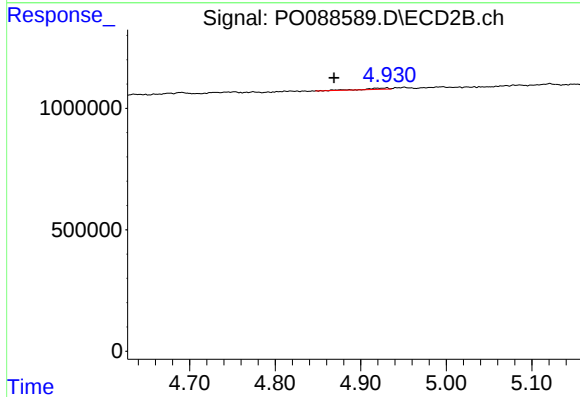
R.T.: 0.000 min
Exp R.T. : 4.693 min
Response: 0
Conc: N.D.



#13 AR-1232-3

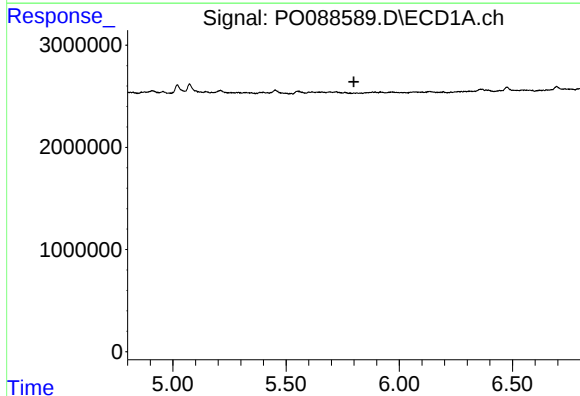
R.T.: 0.000 min
Exp R.T. : 5.637 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



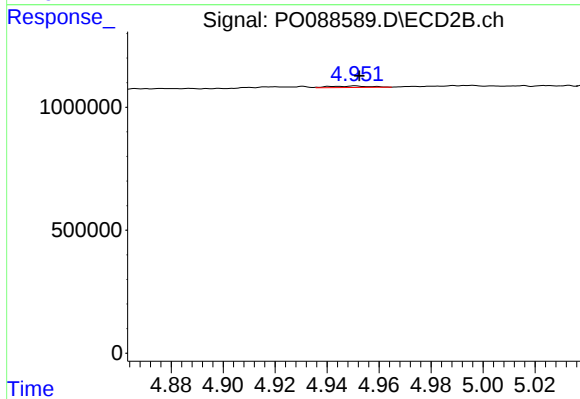
#13 AR-1232-3

R.T.: 4.931 min
Delta R.T.: 0.062 min
Response: 98832
Conc: 8.04 ng/ml



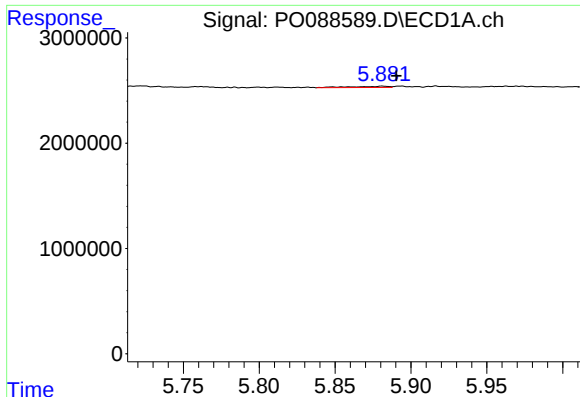
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.799 min
Response: 0
Conc: N.D.



#14 AR-1232-4

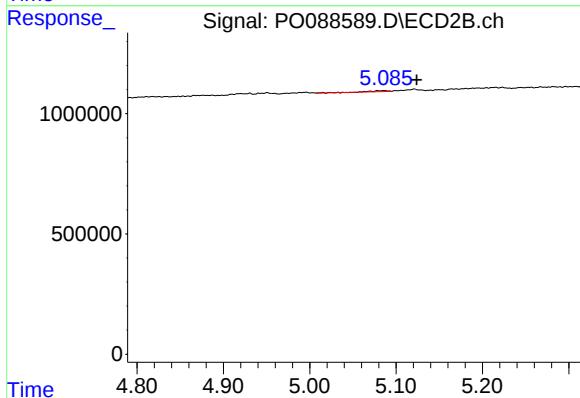
R.T.: 4.951 min
Delta R.T.: -0.002 min
Response: 68160
Conc: 5.78 ng/ml



#15 AR-1232-5

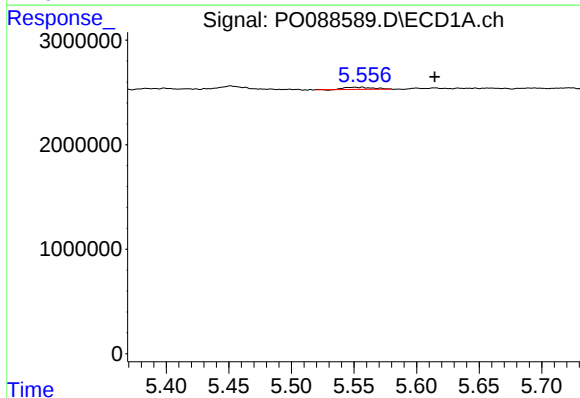
R.T.: 5.881 min
Delta R.T.: -0.009 min
Response: 199135
Conc: 9.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



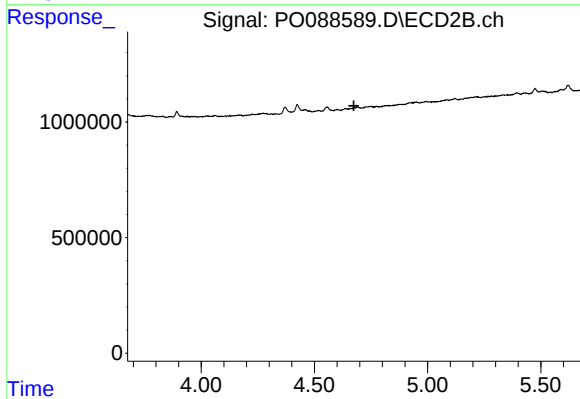
#15 AR-1232-5

R.T.: 5.086 min
Delta R.T.: -0.038 min
Response: 70215
Conc: 5.22 ng/ml



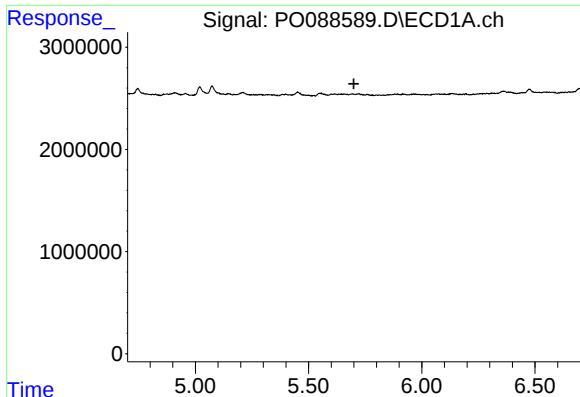
#16 AR-1242-1

R.T.: 5.556 min
Delta R.T.: -0.058 min
Response: 313790
Conc: 4.67 ng/ml



#16 AR-1242-1

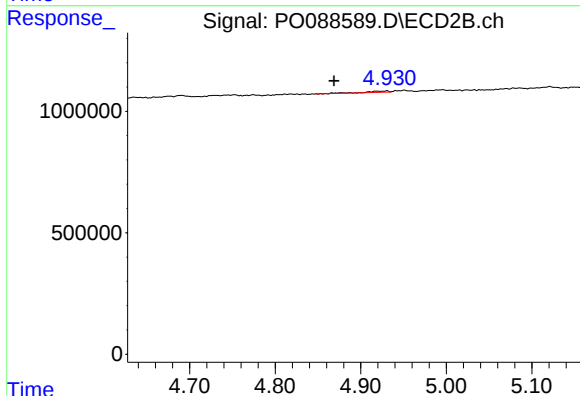
R.T.: 0.000 min
Exp R.T. : 4.675 min
Response: 0
Conc: N.D.



#18 AR-1242-3

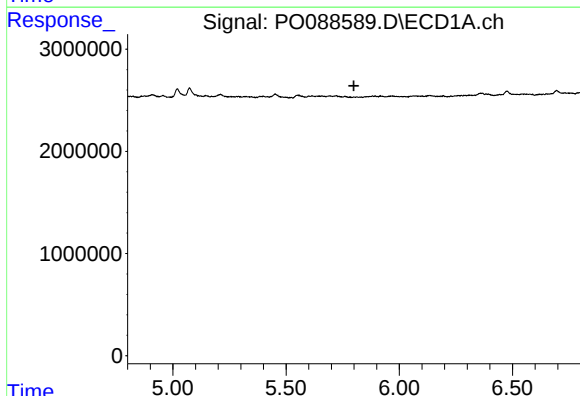
R.T.: 0.000 min
Exp R.T.: 5.700 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



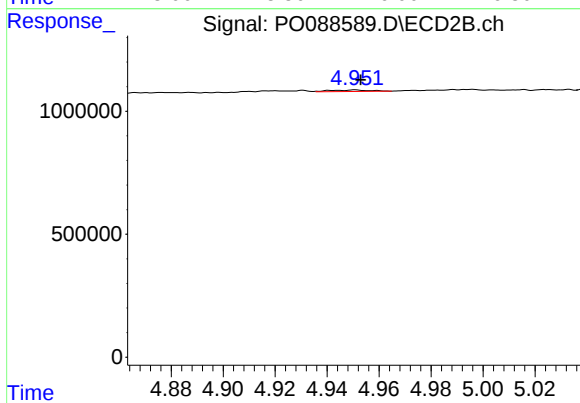
#18 AR-1242-3

R.T.: 4.931 min
Delta R.T.: 0.062 min
Response: 98832
Conc: 4.12 ng/ml



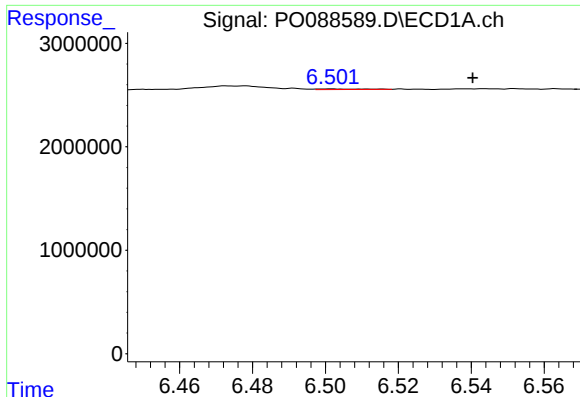
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.799 min
Response: 0
Conc: N.D.



#19 AR-1242-4

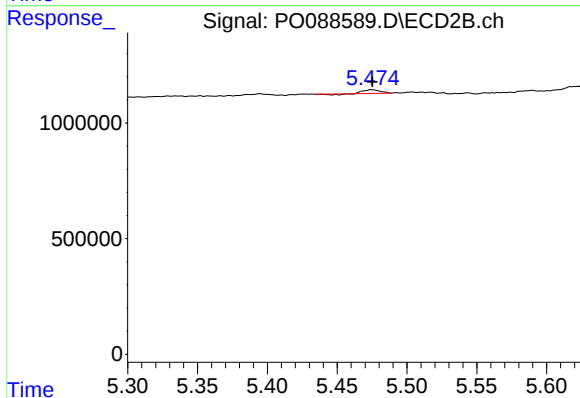
R.T.: 4.951 min
Delta R.T.: -0.002 min
Response: 68160
Conc: 2.70 ng/ml



#20 AR-1242-5

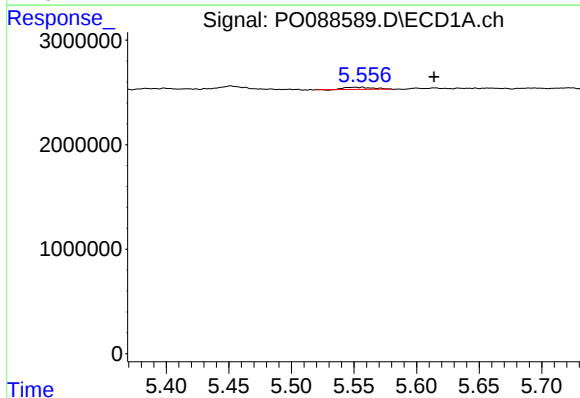
R.T.: 6.502 min
Delta R.T.: -0.039 min
Response: 42957
Conc: 0.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



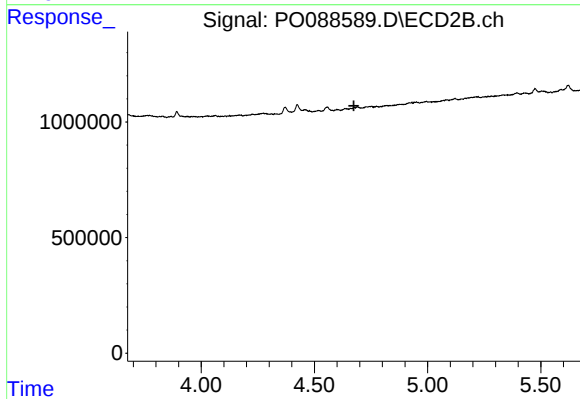
#20 AR-1242-5

R.T.: 5.475 min
Delta R.T.: 0.000 min
Response: 106055
Conc: 3.33 ng/ml



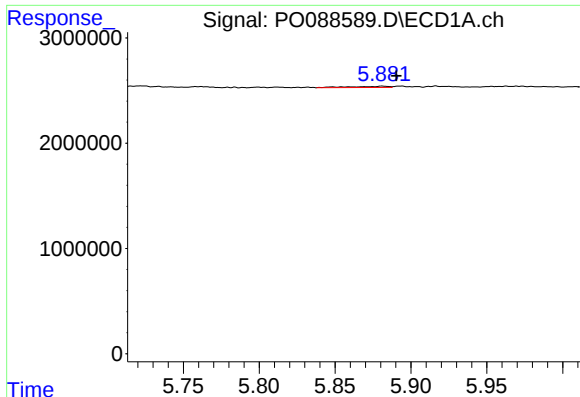
#21 AR-1248-1

R.T.: 5.556 min
Delta R.T.: -0.057 min
Response: 313790
Conc: 6.08 ng/ml



#21 AR-1248-1

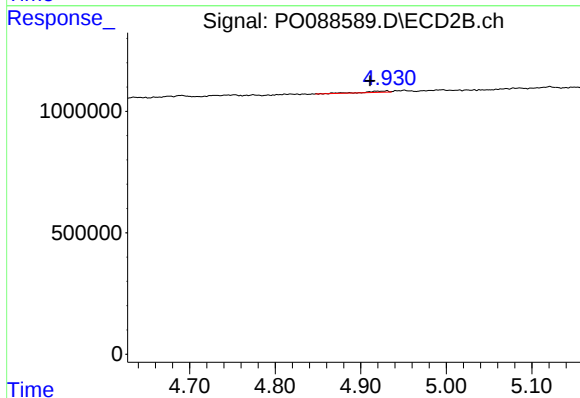
R.T.: 0.000 min
Exp R.T. : 4.674 min
Response: 0
Conc: N.D.



#22 AR-1248-2

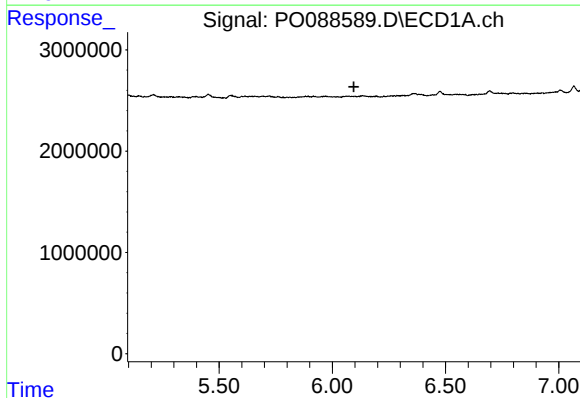
R.T.: 5.881 min
Delta R.T.: -0.009 min
Response: 199135
Conc: 2.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



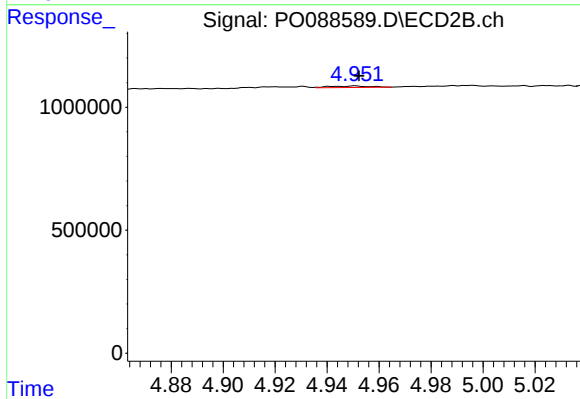
#22 AR-1248-2

R.T.: 4.931 min
Delta R.T.: 0.020 min
Response: 98832
Conc: 2.75 ng/ml



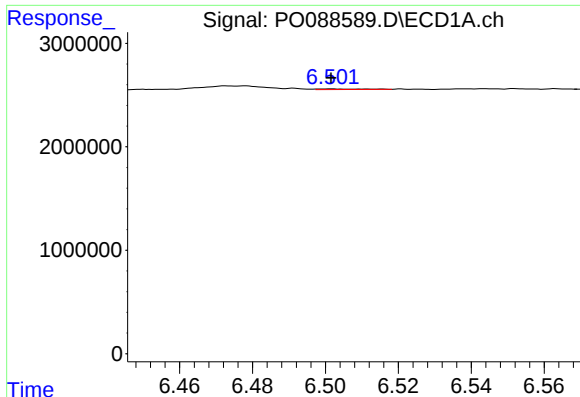
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 6.095 min
Response: 0
Conc: N.D.



#23 AR-1248-3

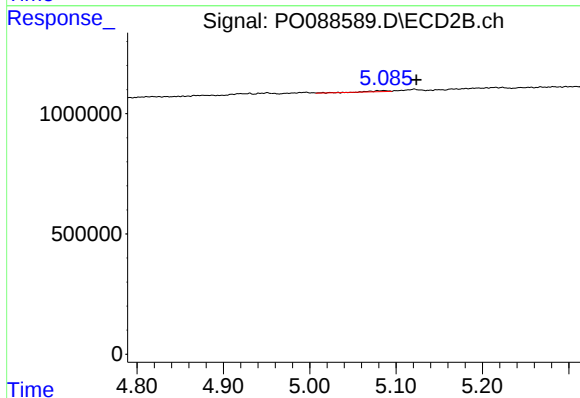
R.T.: 4.951 min
Delta R.T.: -0.002 min
Response: 68160
Conc: 1.79 ng/ml



#24 AR-1248-4

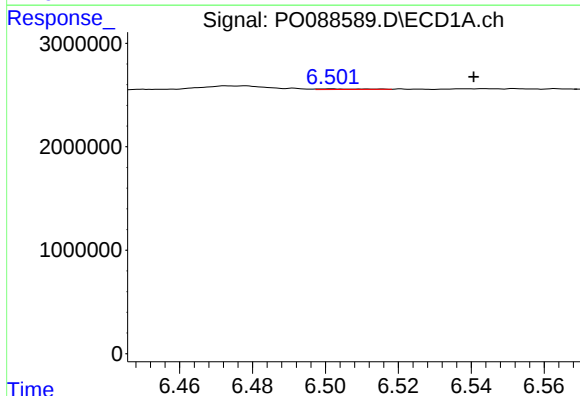
R.T.: 6.502 min
Delta R.T.: 0.000 min
Response: 42957
Conc: 0.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



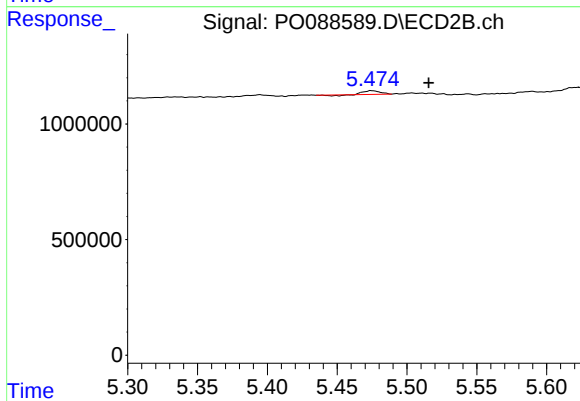
#24 AR-1248-4

R.T.: 5.086 min
Delta R.T.: -0.038 min
Response: 70215
Conc: 1.53 ng/ml



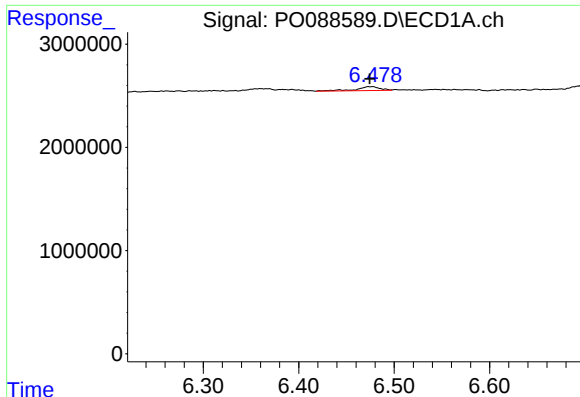
#25 AR-1248-5

R.T.: 6.502 min
Delta R.T.: -0.039 min
Response: 42957
Conc: 0.48 ng/ml



#25 AR-1248-5

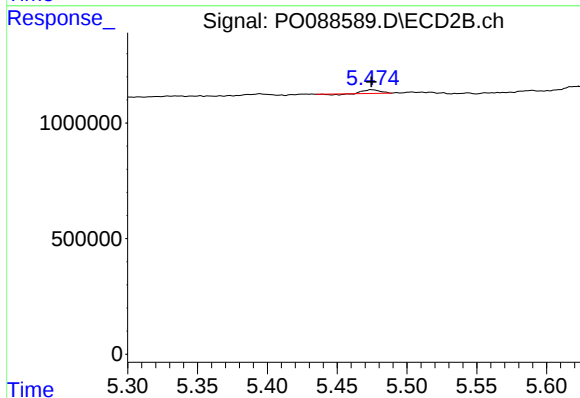
R.T.: 5.475 min
Delta R.T.: -0.041 min
Response: 106055
Conc: 2.43 ng/ml



#26 AR-1254-1

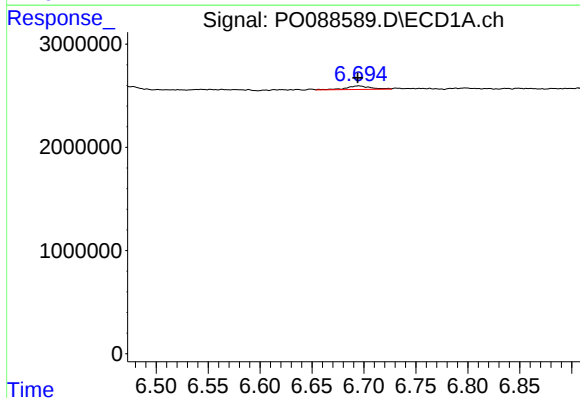
R.T.: 6.477 min
Delta R.T.: 0.003 min
Response: 672439
Conc: 7.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



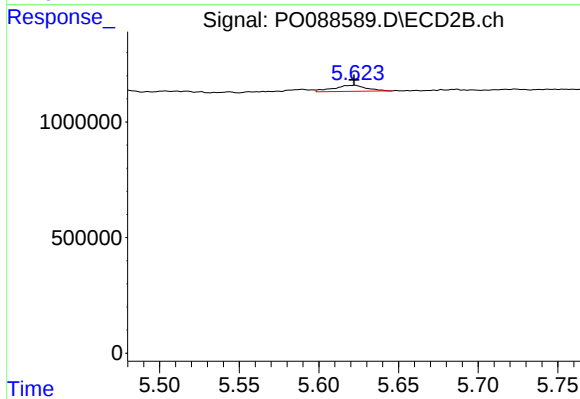
#26 AR-1254-1

R.T.: 5.475 min
Delta R.T.: 0.000 min
Response: 106055
Conc: 1.54 ng/ml



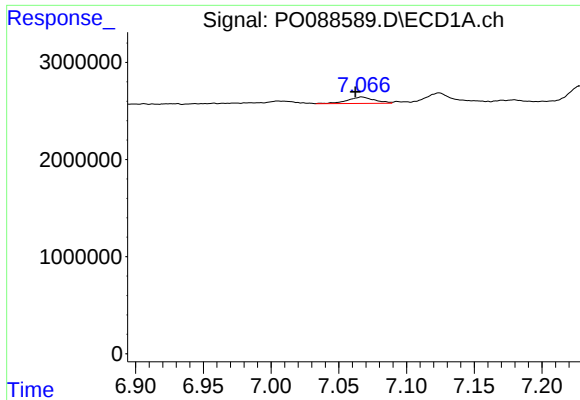
#27 AR-1254-2

R.T.: 6.695 min
Delta R.T.: 0.001 min
Response: 577099
Conc: 4.22 ng/ml



#27 AR-1254-2

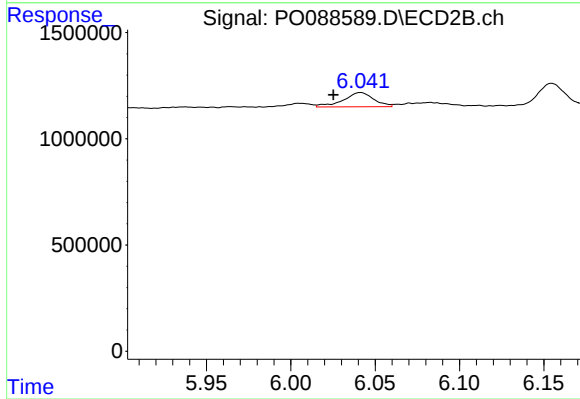
R.T.: 5.622 min
Delta R.T.: 0.000 min
Response: 384269
Conc: 6.49 ng/ml



#28 AR-1254-3

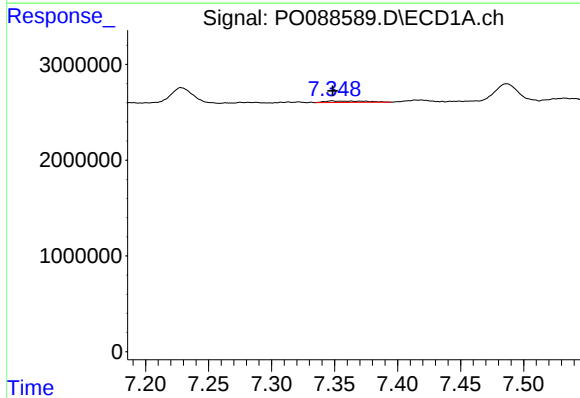
R.T.: 7.067 min
Delta R.T.: 0.005 min
Response: 898985
Conc: 6.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



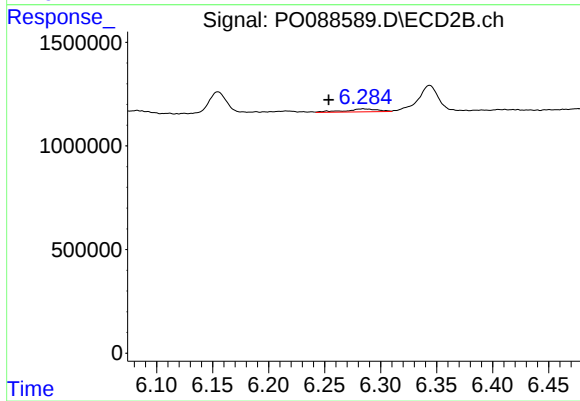
#28 AR-1254-3

R.T.: 6.041 min
Delta R.T.: 0.016 min
Response: 845140
Conc: 9.09 ng/ml



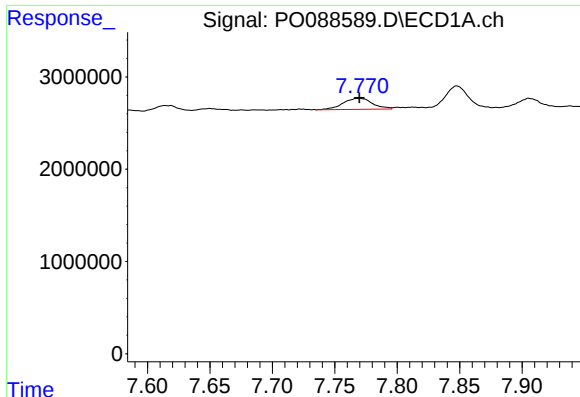
#29 AR-1254-4

R.T.: 7.348 min
Delta R.T.: 0.000 min
Response: 347710
Conc: 3.44 ng/ml



#29 AR-1254-4

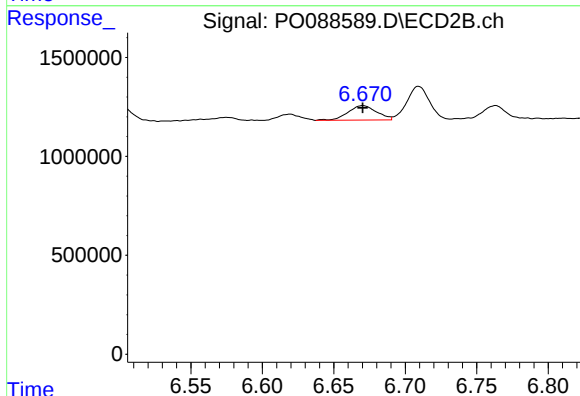
R.T.: 6.284 min
Delta R.T.: 0.031 min
Response: 296616
Conc: 5.24 ng/ml



#30 AR-1254-5

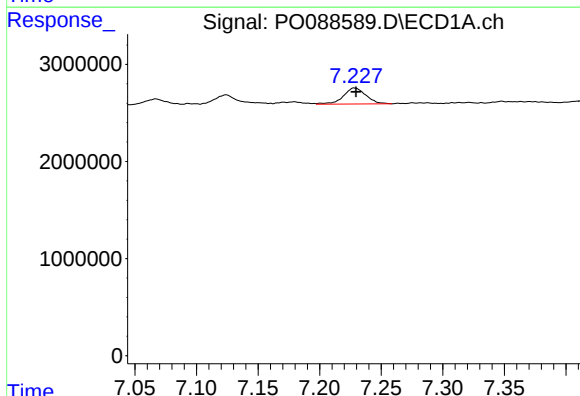
R.T.: 7.770 min
Delta R.T.: 0.000 min
Response: 1992810
Conc: 18.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



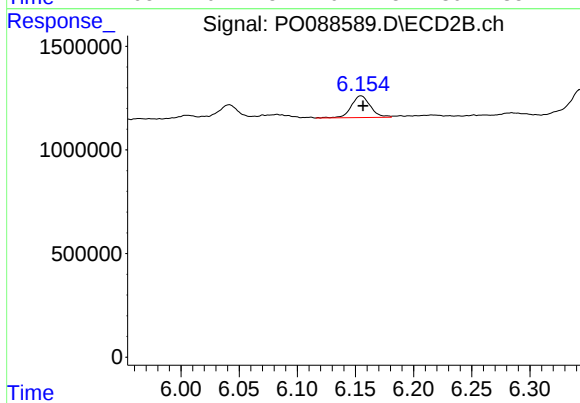
#30 AR-1254-5

R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 1025846
Conc: 12.57 ng/ml



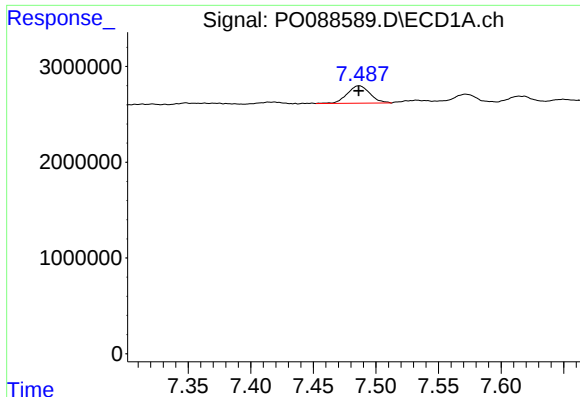
#31 AR-1260-1

R.T.: 7.228 min
Delta R.T.: -0.001 min
Response: 2131955
Conc: 20.63 ng/ml



#31 AR-1260-1

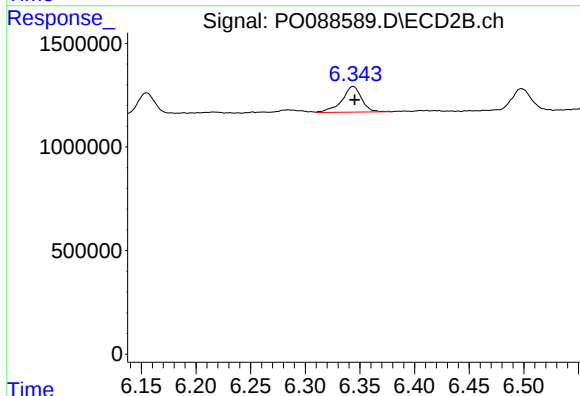
R.T.: 6.155 min
Delta R.T.: -0.002 min
Response: 1192561
Conc: 18.76 ng/ml



#32 AR-1260-2

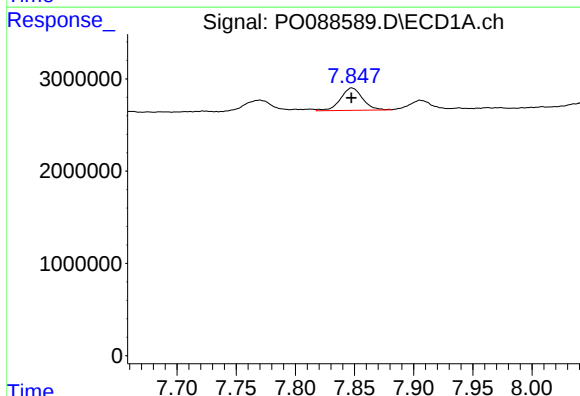
R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 2315483
Conc: 19.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



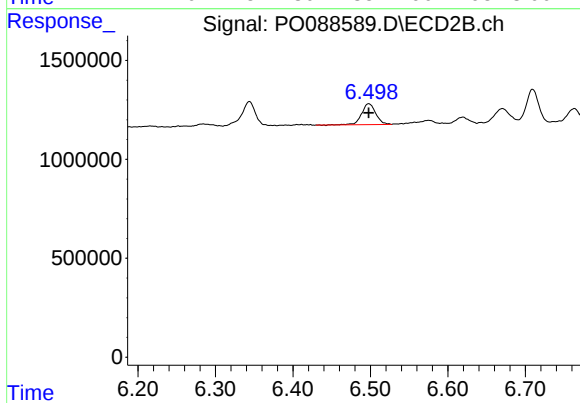
#32 AR-1260-2

R.T.: 6.344 min
Delta R.T.: -0.001 min
Response: 1561428
Conc: 20.38 ng/ml



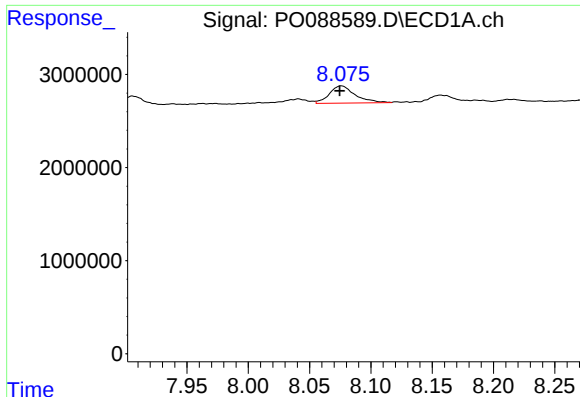
#33 AR-1260-3

R.T.: 7.848 min
Delta R.T.: 0.000 min
Response: 3148167
Conc: 35.84 ng/ml



#33 AR-1260-3

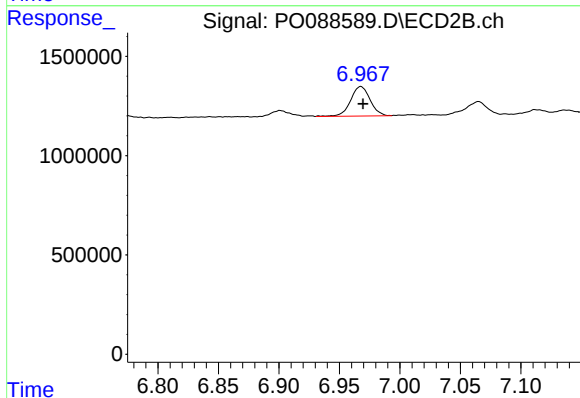
R.T.: 6.498 min
Delta R.T.: 0.000 min
Response: 1336295
Conc: 18.60 ng/ml



#34 AR-1260-4

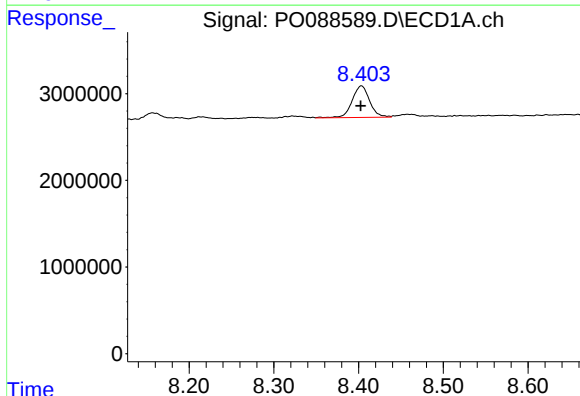
R.T.: 8.076 min
Delta R.T.: 0.001 min
Response: 2725621
Conc: 27.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



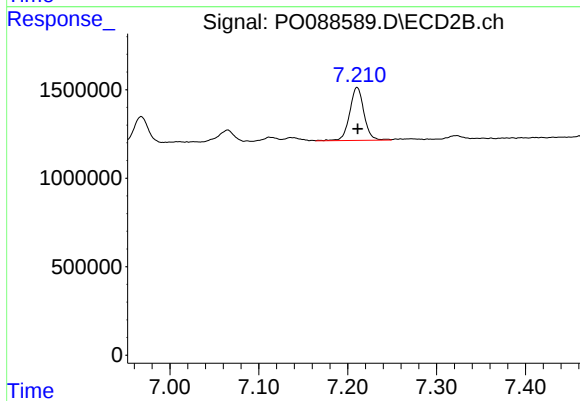
#34 AR-1260-4

R.T.: 6.968 min
Delta R.T.: -0.002 min
Response: 1670997
Conc: 27.38 ng/ml



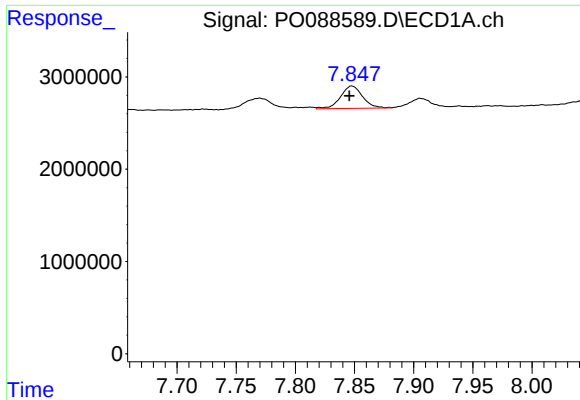
#35 AR-1260-5

R.T.: 8.403 min
Delta R.T.: 0.001 min
Response: 5248733
Conc: 28.50 ng/ml



#35 AR-1260-5

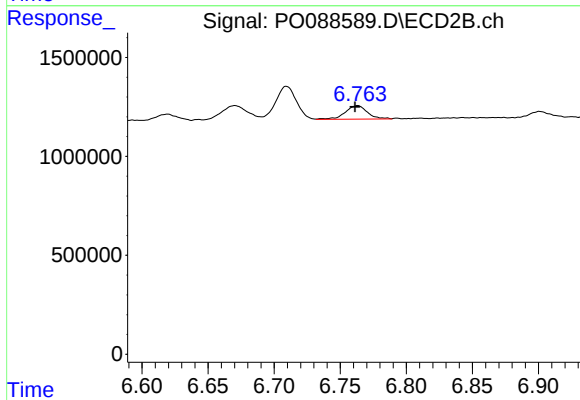
R.T.: 7.211 min
Delta R.T.: 0.000 min
Response: 3333355
Conc: 23.63 ng/ml



#36 AR-1262-1

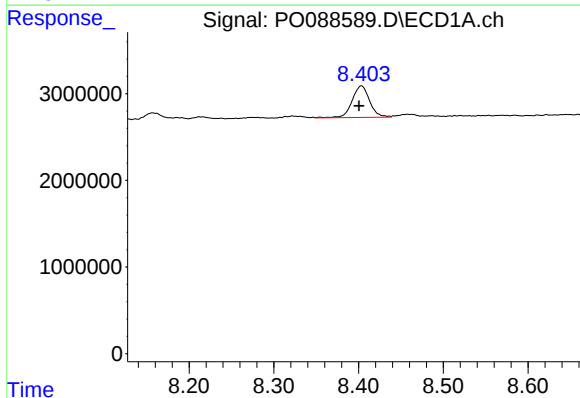
R.T.: 7.848 min
Delta R.T.: 0.002 min
Response: 3148167
Conc: 24.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



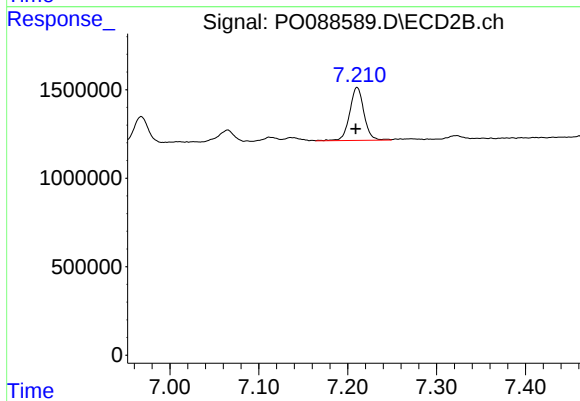
#36 AR-1262-1

R.T.: 6.763 min
Delta R.T.: 0.002 min
Response: 805588
Conc: 23.01 ng/ml



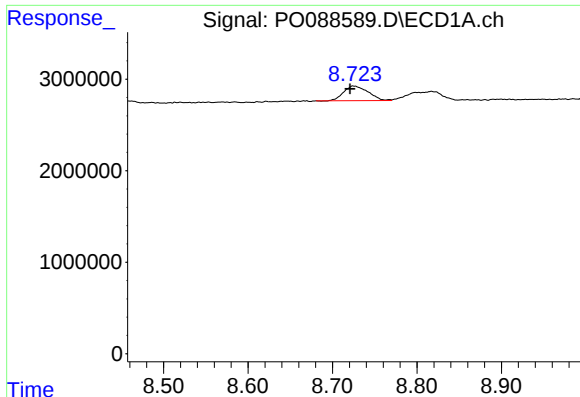
#37 AR-1262-2

R.T.: 8.403 min
Delta R.T.: 0.003 min
Response: 5248733
Conc: 25.00 ng/ml



#37 AR-1262-2

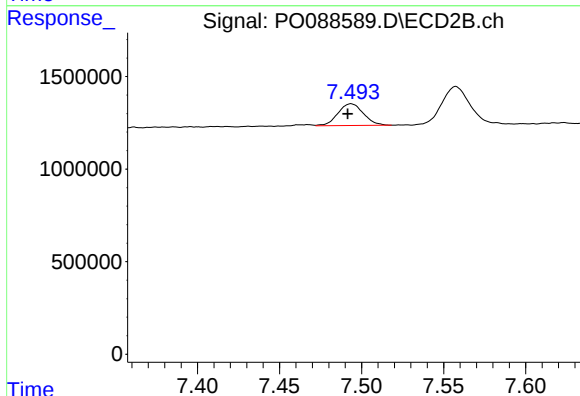
R.T.: 7.211 min
Delta R.T.: 0.002 min
Response: 3333355
Conc: 21.76 ng/ml



#38 AR-1262-3

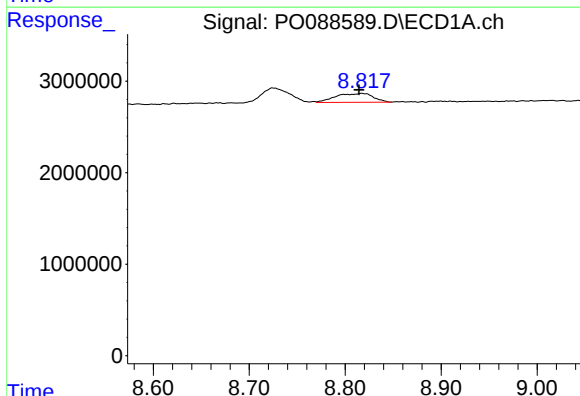
R.T.: 8.725 min
Delta R.T.: 0.004 min
Response: 3222775
Conc: 35.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



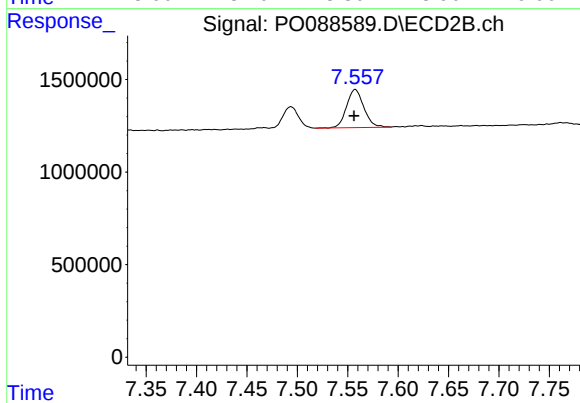
#38 AR-1262-3

R.T.: 7.494 min
Delta R.T.: 0.002 min
Response: 1279858
Conc: 20.75 ng/ml



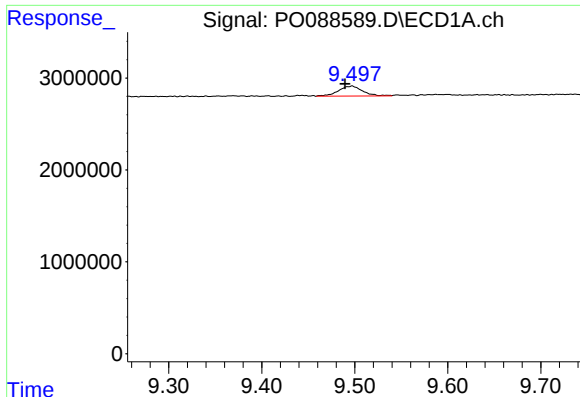
#39 AR-1262-4

R.T.: 8.817 min
Delta R.T.: 0.003 min
Response: 2629766
Conc: 39.89 ng/ml



#39 AR-1262-4

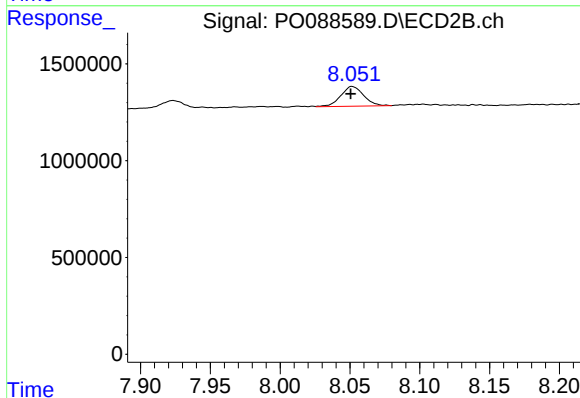
R.T.: 7.557 min
Delta R.T.: 0.001 min
Response: 2466505
Conc: 21.66 ng/ml



#40 AR-1262-5

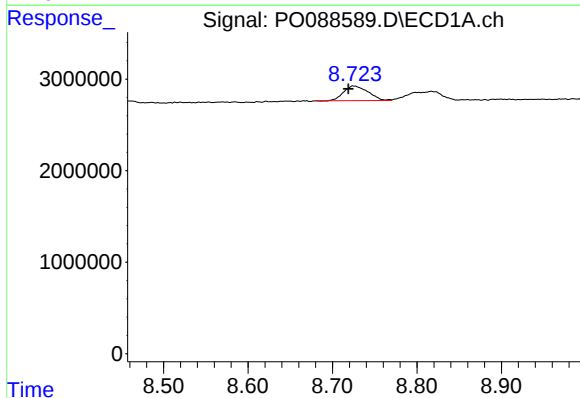
R.T.: 9.497 min
Delta R.T.: 0.007 min
Response: 1985429
Conc: 24.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



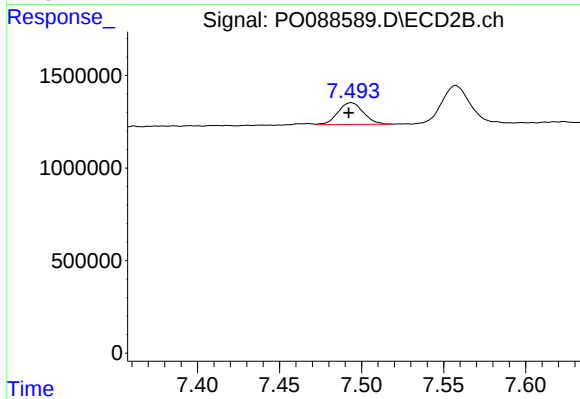
#40 AR-1262-5

R.T.: 8.052 min
Delta R.T.: 0.001 min
Response: 1163708
Conc: 21.68 ng/ml



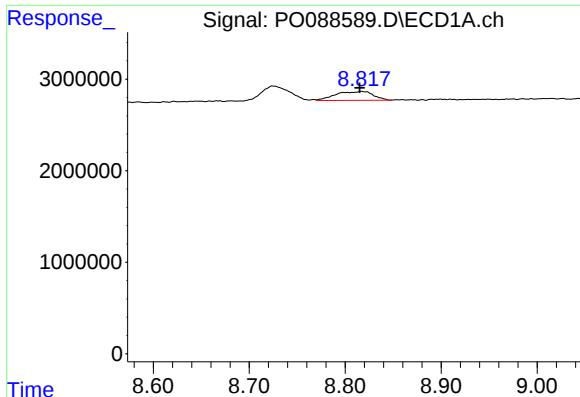
#41 AR-1268-1

R.T.: 8.725 min
Delta R.T.: 0.006 min
Response: 3222775
Conc: 12.99 ng/ml



#41 AR-1268-1

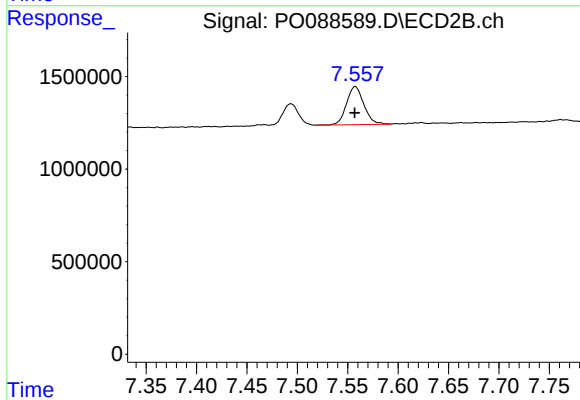
R.T.: 7.494 min
Delta R.T.: 0.002 min
Response: 1279858
Conc: 7.23 ng/ml



#42 AR-1268-2

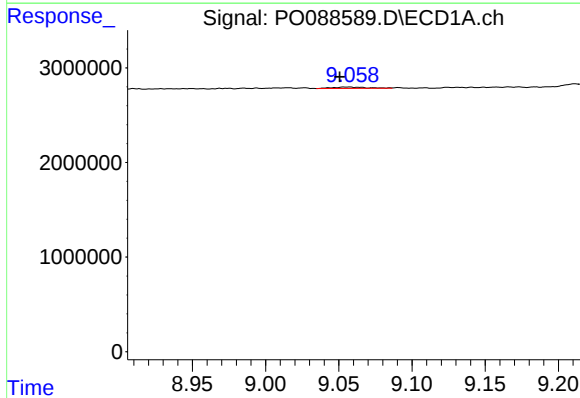
R.T.: 8.817 min
Delta R.T.: 0.002 min
Response: 2629766
Conc: 11.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



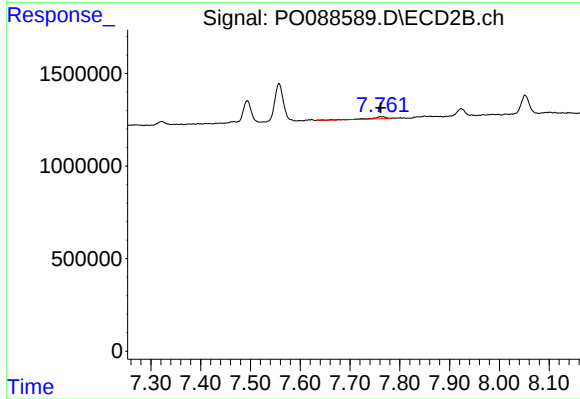
#42 AR-1268-2

R.T.: 7.557 min
Delta R.T.: 0.000 min
Response: 2466505
Conc: 15.36 ng/ml



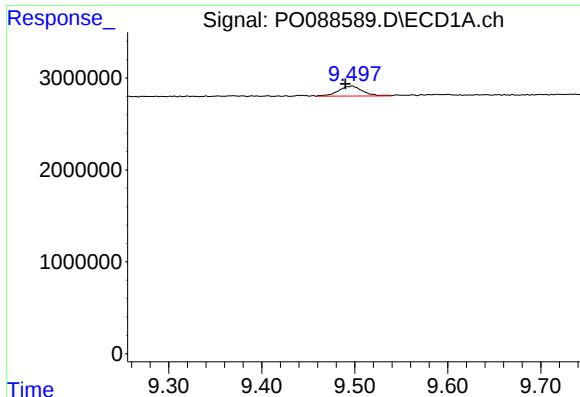
#43 AR-1268-3

R.T.: 9.057 min
Delta R.T.: 0.006 min
Response: 234540
Conc: 1.20 ng/ml



#43 AR-1268-3

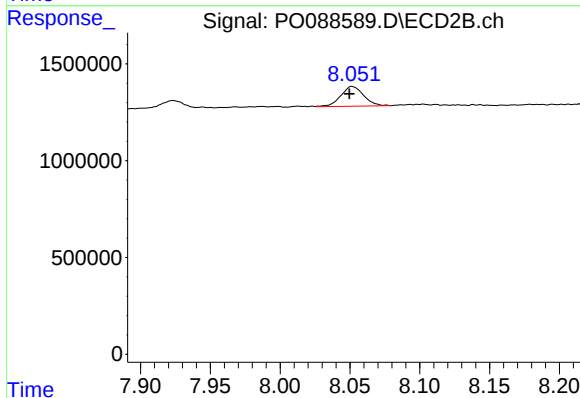
R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 226592
Conc: 1.64 ng/ml



#44 AR-1268-4

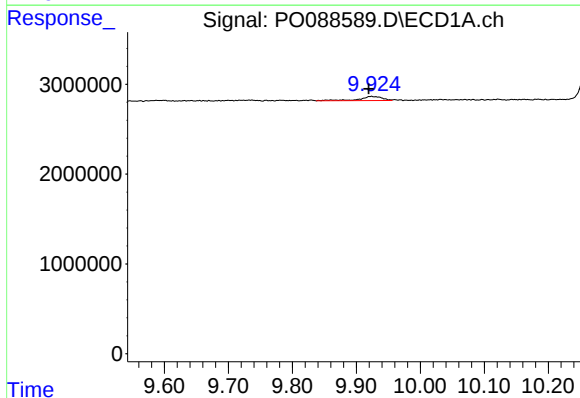
R.T.: 9.497 min
Delta R.T.: 0.007 min
Response: 1985429
Conc: 22.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



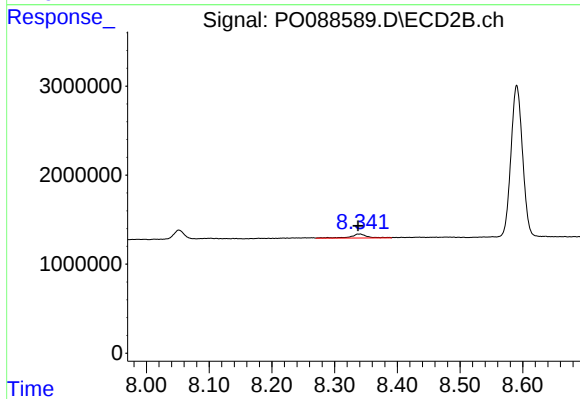
#44 AR-1268-4

R.T.: 8.052 min
Delta R.T.: 0.002 min
Response: 1163708
Conc: 20.11 ng/ml



#45 AR-1268-5

R.T.: 9.924 min
Delta R.T.: 0.004 min
Response: 1140132
Conc: 1.82 ng/ml



#45 AR-1268-5

R.T.: 8.340 min
Delta R.T.: 0.003 min
Response: 872888
Conc: 2.14 ng/ml