

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080522\
 Data File : P0088691.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2022 20:50
 Operator : YP/AJ
 Sample : N3940-01
 Misc : AR1221 LOD 40 PPB
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 21:58:35 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...	4.436	3.594	70439912	26915240	26.114	24.869
2)	SA Decachlor...	10.272	8.586	49922324	30070126	25.871	24.812
Target Compounds							
3)	L1 AR-1016-1	5.612	4.689	380792	473053	4.724	12.693 #
4)	L1 AR-1016-2	5.635	4.689	500776	473053	4.342	9.073 #
5)	L1 AR-1016-3	5.693	4.866	488468	100472	6.759	3.434 #
6)	L1 AR-1016-4	5.797	4.866f	251610	100472	4.388	4.165
7)	L1 AR-1016-5	0.000	5.125	0	178816	N.D.	5.483 #
8)	L2 AR-1221-1	4.646	3.806	2150681	746863	69.384	62.411
9)	L2 AR-1221-2	4.735	3.891	2259709	879215	97.738	97.343
10)	L2 AR-1221-3	4.808	3.967	4641266	1719185	66.137	60.497
11)	L3 AR-1232-1	4.808	3.967	4641266	1719185	83.553	75.927
12)	L3 AR-1232-2	5.148	4.689	317644	473053	11.457	20.489 #
13)	L3 AR-1232-3	5.635	4.866	500776	100472	9.817	8.176
14)	L3 AR-1232-4	5.797	0.000	251610	0	10.060	N.D. #
15)	L3 AR-1232-5	5.887	5.125	248585	178816	12.078	13.291
16)	L4 AR-1242-1	5.612	4.689	380792	473053	5.666	15.429 #
17)	L4 AR-1242-2	5.635	4.689	500776	473053	5.189	10.979 #
18)	L4 AR-1242-3	5.693	4.866	488468	100472	8.093	4.185 #
19)	L4 AR-1242-4	5.797	0.000	251610	0	5.220	N.D. #
20)	L4 AR-1242-5	6.535	5.500	170911	227439	3.293	7.143 #
21)	L5 AR-1248-1	5.612	4.689	380792	473053	7.381	20.146 #
22)	L5 AR-1248-2	5.887	4.866f	248585	100472	3.238	2.800
24)	L5 AR-1248-4	6.497	5.125	174011	178816	1.938	3.894 #
25)	L5 AR-1248-5	6.535	5.500	170911	227439	1.928	5.209 #
26)	L6 AR-1254-1	6.472	5.500	499644	227439	5.470	3.302 #
27)	L6 AR-1254-2	6.693	0.000	138532	0	1.013	N.D. #
28)	L6 AR-1254-3	7.063	0.000	1261628	0	8.965	N.D. #
29)	L6 AR-1254-4	7.341	6.251	268993	91511	2.662	1.615 #
30)	L6 AR-1254-5	7.797	6.672	272919	182831	2.563	2.240
31)	L7 AR-1260-1	7.221	6.199f	117952	1273495	1.141	20.038 #
32)	L7 AR-1260-2	7.497	6.326	149201	706756	1.262	9.223 #
33)	L7 AR-1260-3	7.847	6.557f	143409	330246	1.633	4.597 #
34)	L7 AR-1260-4	8.104	6.935	406383	90531	4.149	1.484 #
35)	L7 AR-1260-5	8.400	7.209	104030	430014	0.565	3.049 #
36)	L8 AR-1262-1	7.847	6.759	143409	71398	1.132	2.039 #
37)	L8 AR-1262-2	8.400	7.209	104030	430014	0.495	2.807 #
38)	L8 AR-1262-3	8.669f	7.497	72455	781848	0.804	12.676 #
39)	L8 AR-1262-4	8.810	7.553	37472	336094	0.568	2.951 #
40)	L8 AR-1262-5	9.477	8.099f	48750	2754736	0.608	51.310 #
41)	L9 AR-1268-1	8.669f	7.497	72455	781848	0.292	4.415 #
42)	L9 AR-1268-2	8.810	7.553	37472	336094	0.165	2.093 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080522\
 Data File : P0088691.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2022 20:50
 Operator : YP/AJ
 Sample : N3940-01
 Misc : AR1221 LOD 40 PPB
 ALS Vial : 59 Sample Multiplier: 1

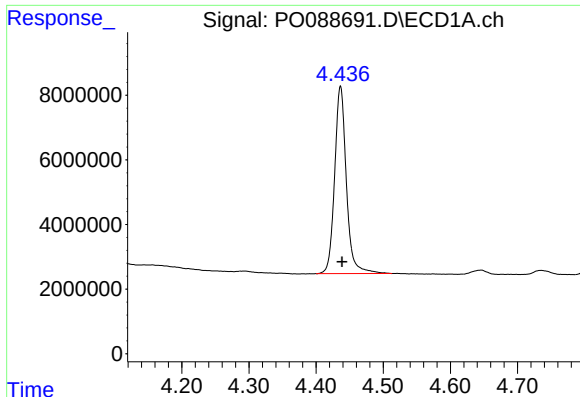
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 21:58:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0080422.M
 Quant Title : GC EXTRACTABLES
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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
43) L9	AR-1268-3	9.043	7.763	331292	1280480	1.691	9.282 #
44) L9	AR-1268-4	9.477	8.099f	48750	2754736	0.560	47.595 #
45) L9	AR-1268-5	9.922	8.336	431867	1837079	0.690	4.504 #

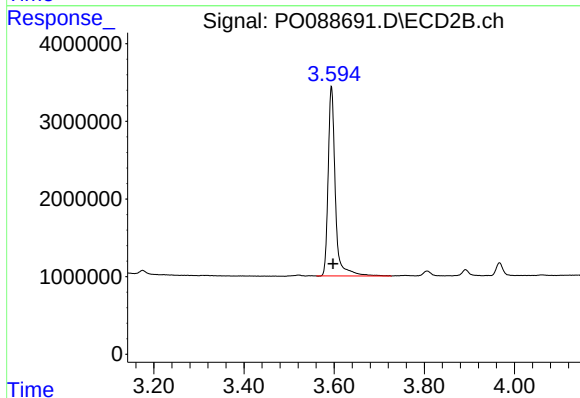
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

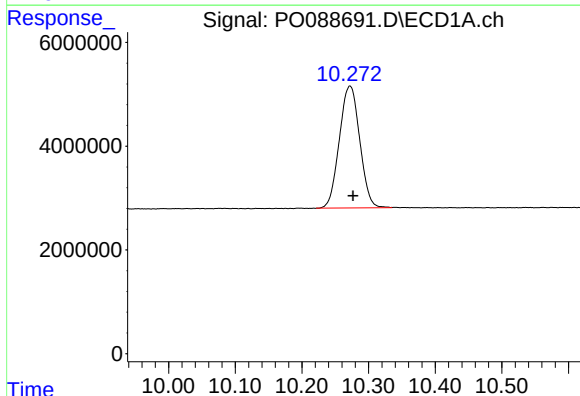
R.T.: 4.436 min
Delta R.T.: -0.003 min
Response: 70439912
Conc: 26.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



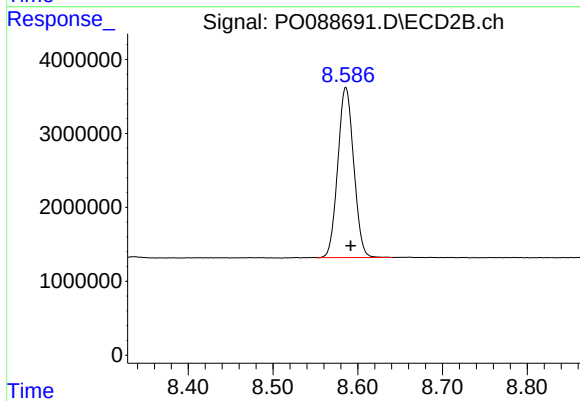
#1 Tetrachloro-m-xylene

R.T.: 3.594 min
Delta R.T.: -0.003 min
Response: 26915240
Conc: 24.87 ng/ml



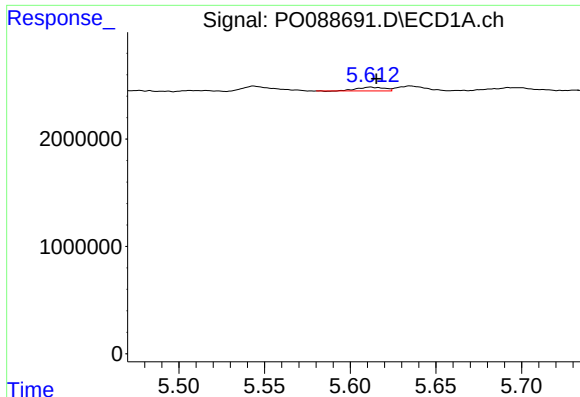
#2 Decachlorobiphenyl

R.T.: 10.272 min
Delta R.T.: -0.005 min
Response: 49922324
Conc: 25.87 ng/ml



#2 Decachlorobiphenyl

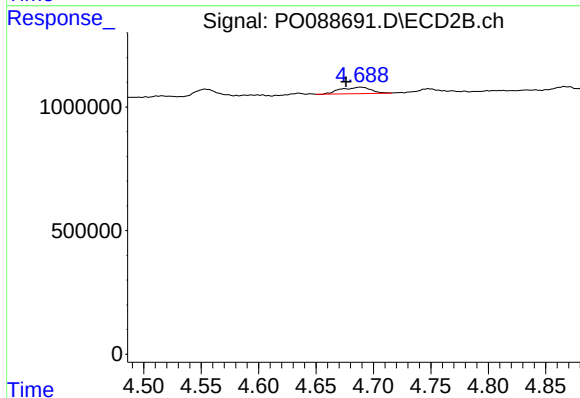
R.T.: 8.586 min
Delta R.T.: -0.006 min
Response: 30070126
Conc: 24.81 ng/ml



#3 AR-1016-1

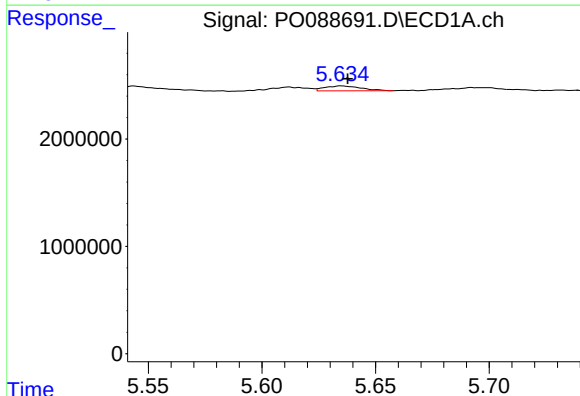
R.T.: 5.612 min
Delta R.T.: -0.004 min
Response: 380792
Conc: 4.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



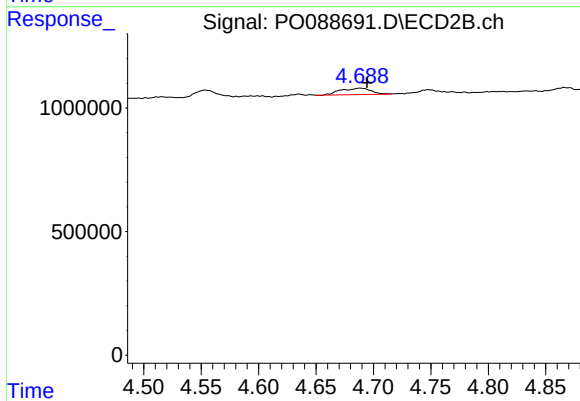
#3 AR-1016-1

R.T.: 4.689 min
Delta R.T.: 0.013 min
Response: 473053
Conc: 12.69 ng/ml



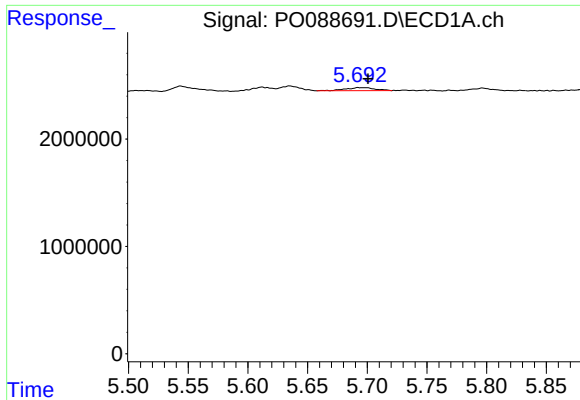
#4 AR-1016-2

R.T.: 5.635 min
Delta R.T.: -0.003 min
Response: 500776
Conc: 4.34 ng/ml



#4 AR-1016-2

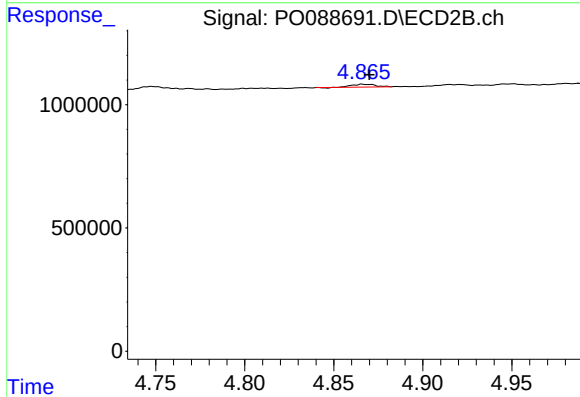
R.T.: 4.689 min
Delta R.T.: -0.006 min
Response: 473053
Conc: 9.07 ng/ml



#5 AR-1016-3

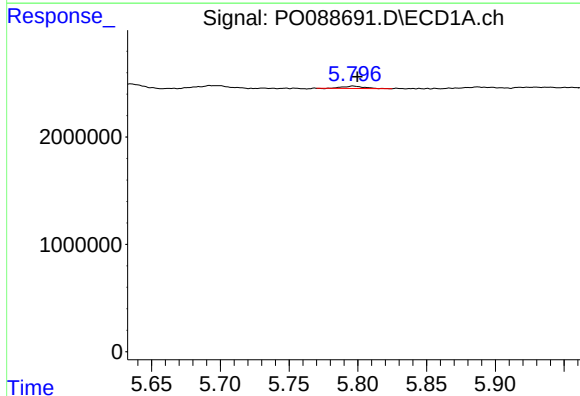
R.T.: 5.693 min
Delta R.T.: -0.008 min
Response: 488468
Conc: 6.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



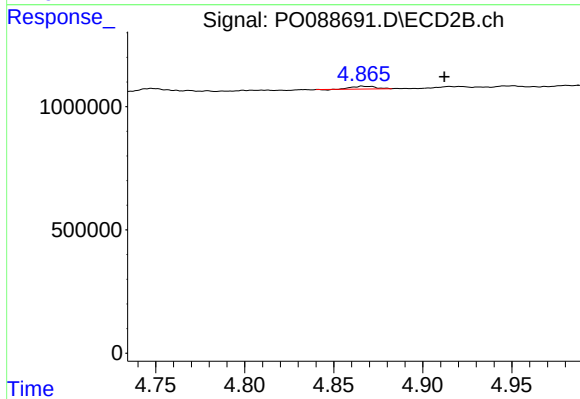
#5 AR-1016-3

R.T.: 4.866 min
Delta R.T.: -0.004 min
Response: 100472
Conc: 3.43 ng/ml



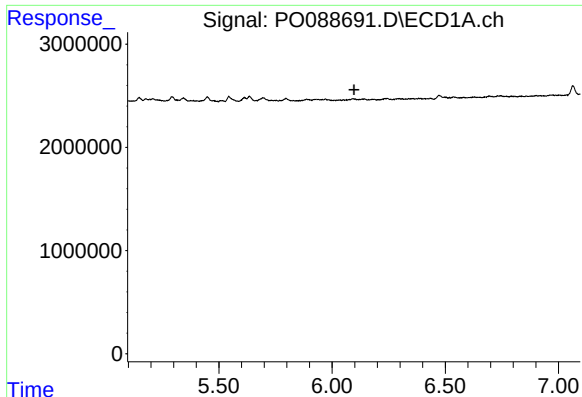
#6 AR-1016-4

R.T.: 5.797 min
Delta R.T.: -0.003 min
Response: 251610
Conc: 4.39 ng/ml



#6 AR-1016-4

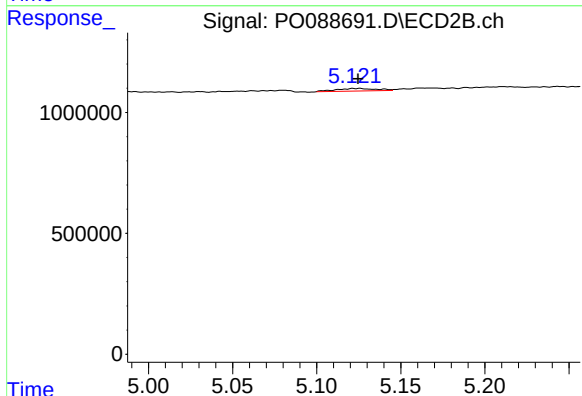
R.T.: 4.866 min
Delta R.T.: -0.046 min
Response: 100472
Conc: 4.17 ng/ml



#7 AR-1016-5

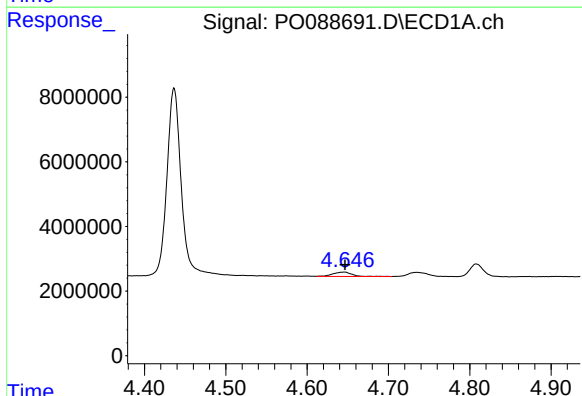
R.T.: 0.000 min
Exp R.T.: 6.097 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



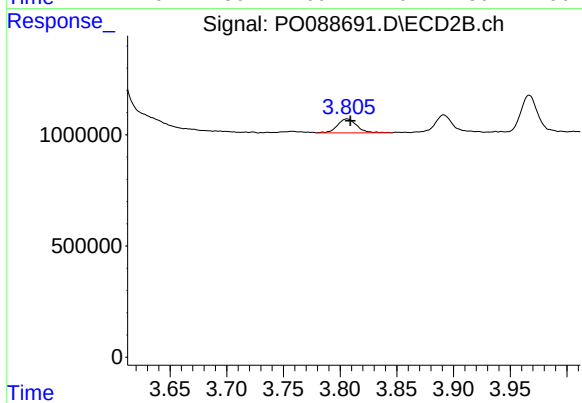
#7 AR-1016-5

R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 178816
Conc: 5.48 ng/ml



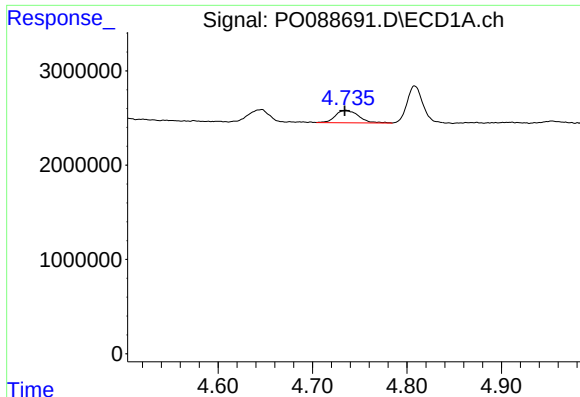
#8 AR-1221-1

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 2150681
Conc: 69.38 ng/ml



#8 AR-1221-1

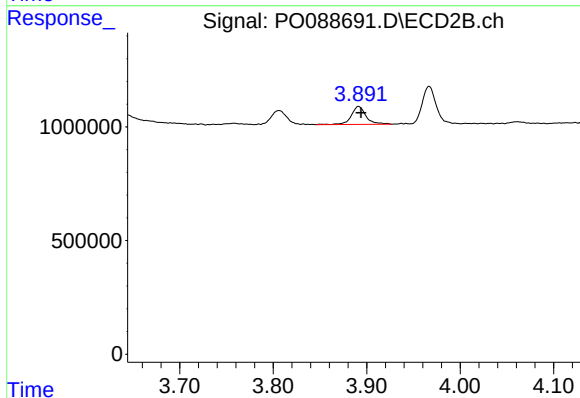
R.T.: 3.806 min
Delta R.T.: -0.003 min
Response: 746863
Conc: 62.41 ng/ml



#9 AR-1221-2

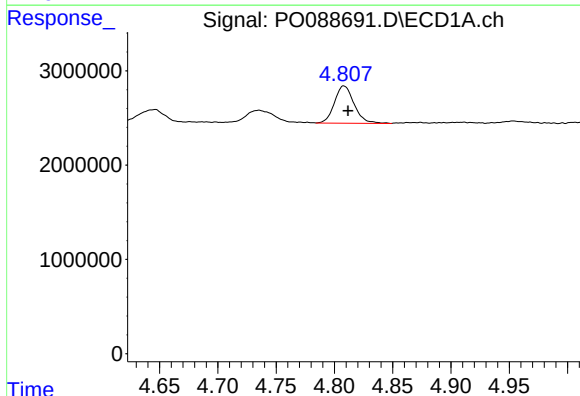
R.T.: 4.735 min
Delta R.T.: 0.000 min
Response: 2259709
Conc: 97.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



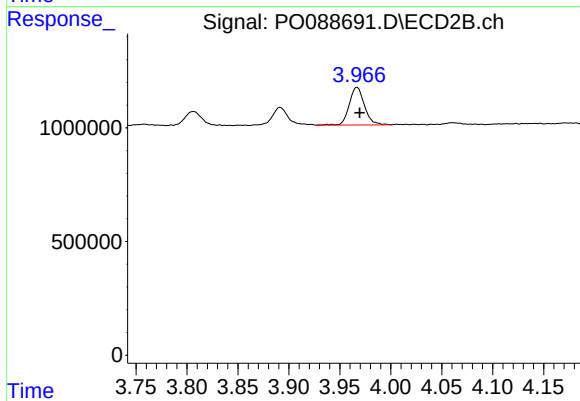
#9 AR-1221-2

R.T.: 3.891 min
Delta R.T.: -0.003 min
Response: 879215
Conc: 97.34 ng/ml



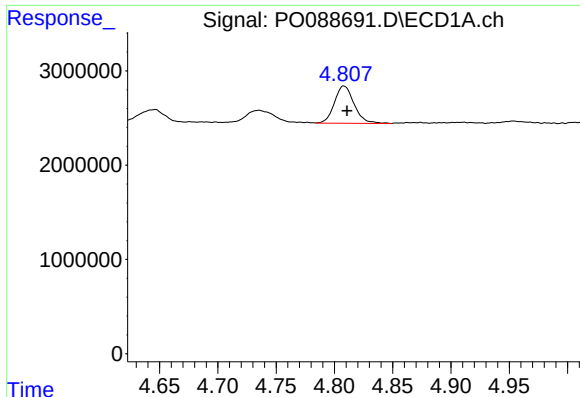
#10 AR-1221-3

R.T.: 4.808 min
Delta R.T.: -0.003 min
Response: 4641266
Conc: 66.14 ng/ml



#10 AR-1221-3

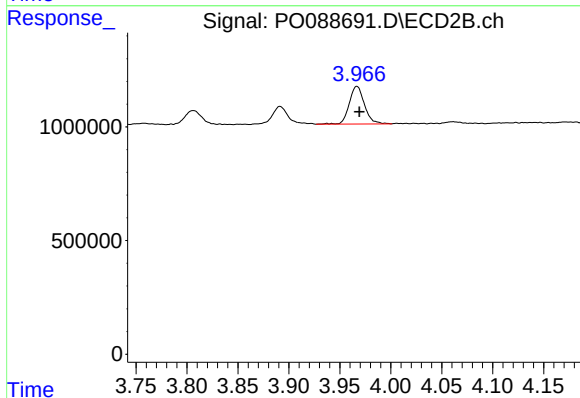
R.T.: 3.967 min
Delta R.T.: -0.003 min
Response: 1719185
Conc: 60.50 ng/ml



#11 AR-1232-1

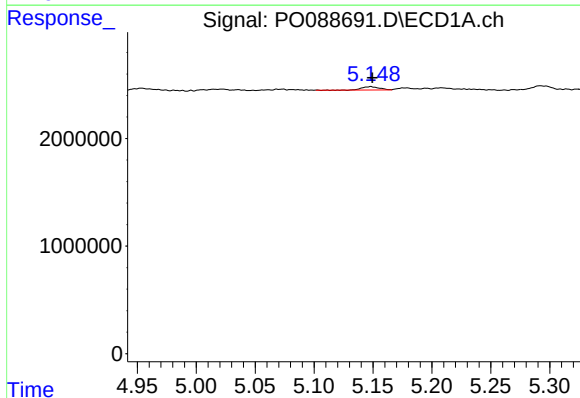
R.T.: 4.808 min
Delta R.T.: -0.003 min
Response: 4641266
Conc: 83.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



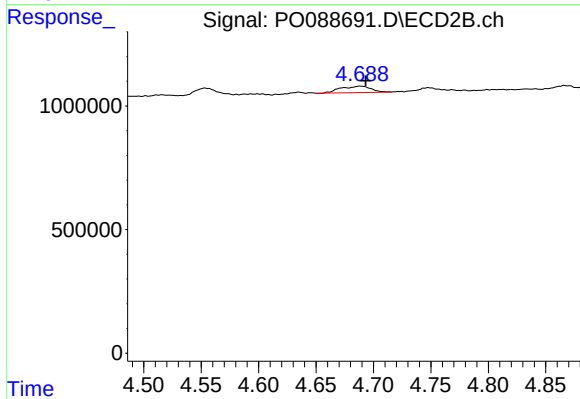
#11 AR-1232-1

R.T.: 3.967 min
Delta R.T.: -0.002 min
Response: 1719185
Conc: 75.93 ng/ml



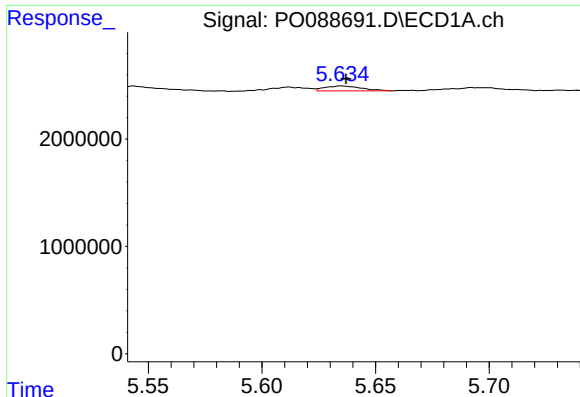
#12 AR-1232-2

R.T.: 5.148 min
Delta R.T.: -0.001 min
Response: 317644
Conc: 11.46 ng/ml



#12 AR-1232-2

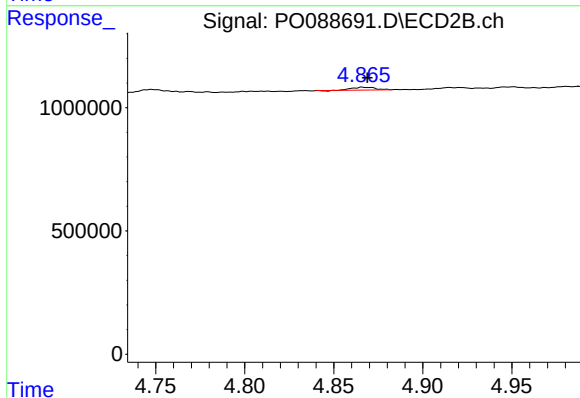
R.T.: 4.689 min
Delta R.T.: -0.005 min
Response: 473053
Conc: 20.49 ng/ml



#13 AR-1232-3

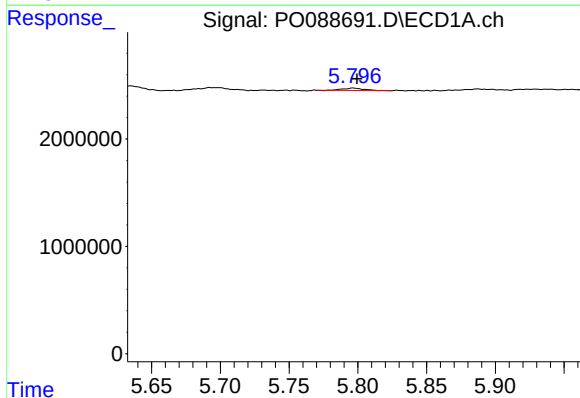
R.T.: 5.635 min
Delta R.T.: -0.002 min
Response: 500776
Conc: 9.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



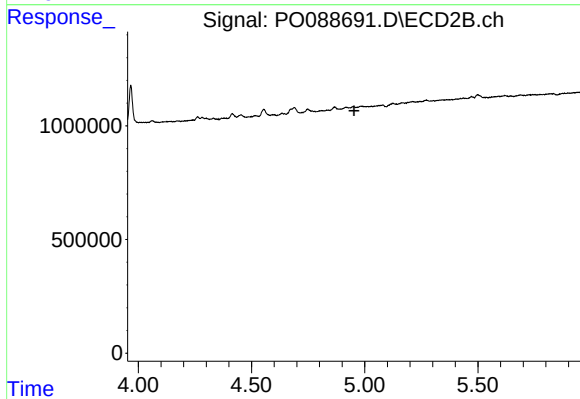
#13 AR-1232-3

R.T.: 4.866 min
Delta R.T.: -0.002 min
Response: 100472
Conc: 8.18 ng/ml



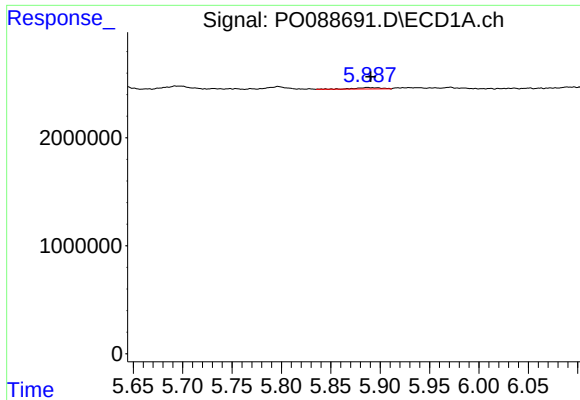
#14 AR-1232-4

R.T.: 5.797 min
Delta R.T.: -0.003 min
Response: 251610
Conc: 10.06 ng/ml



#14 AR-1232-4

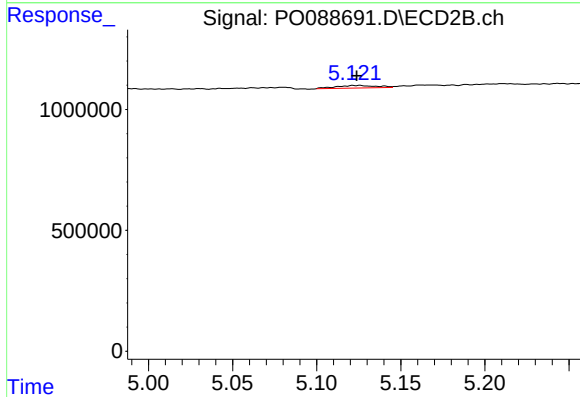
R.T.: 0.000 min
Exp R.T. : 4.952 min
Response: 0
Conc: N.D.



#15 AR-1232-5

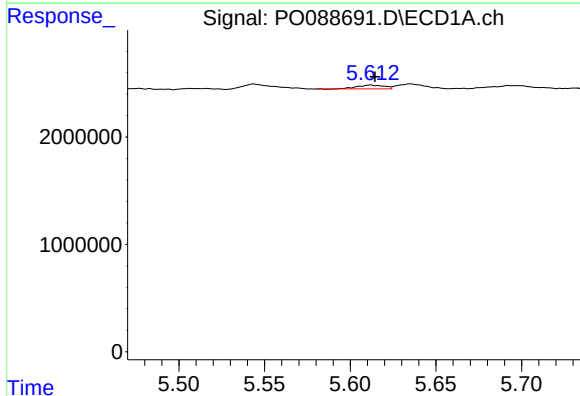
R.T.: 5.887 min
Delta R.T.: -0.003 min
Response: 248585
Conc: 12.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



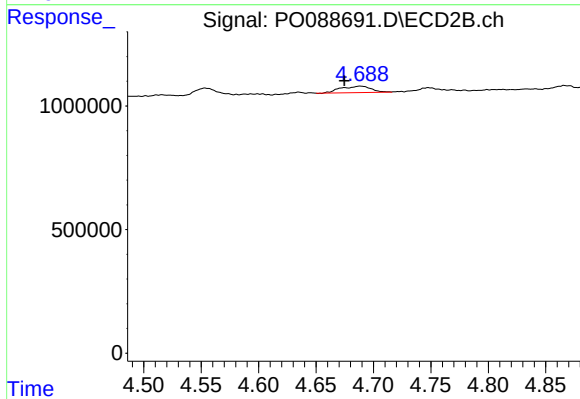
#15 AR-1232-5

R.T.: 5.125 min
Delta R.T.: 0.002 min
Response: 178816
Conc: 13.29 ng/ml



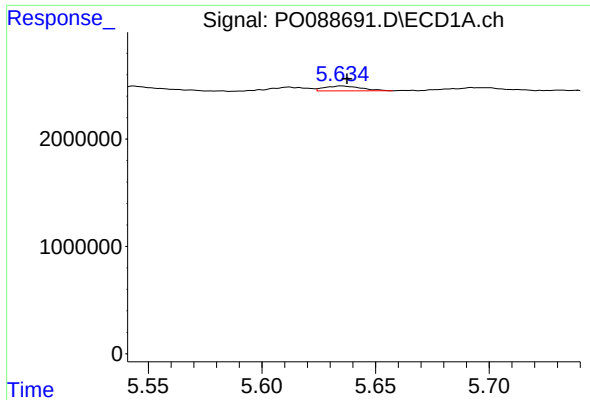
#16 AR-1242-1

R.T.: 5.612 min
Delta R.T.: -0.003 min
Response: 380792
Conc: 5.67 ng/ml



#16 AR-1242-1

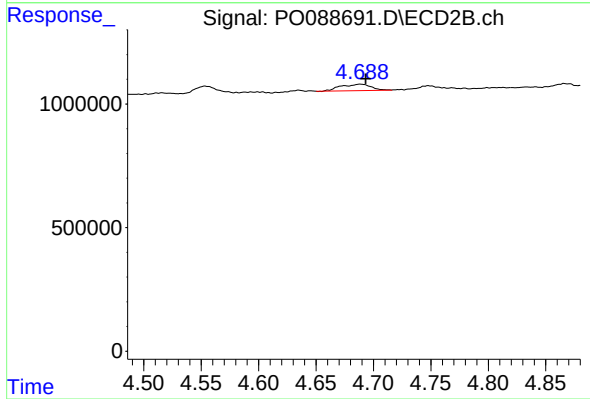
R.T.: 4.689 min
Delta R.T.: 0.014 min
Response: 473053
Conc: 15.43 ng/ml



#17 AR-1242-2

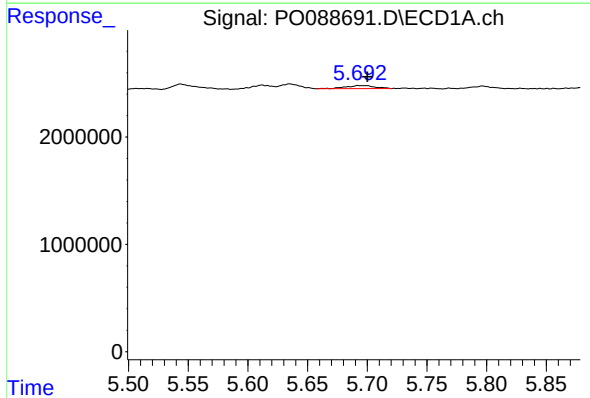
R.T.: 5.635 min
Delta R.T.: -0.002 min
Response: 500776
Conc: 5.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



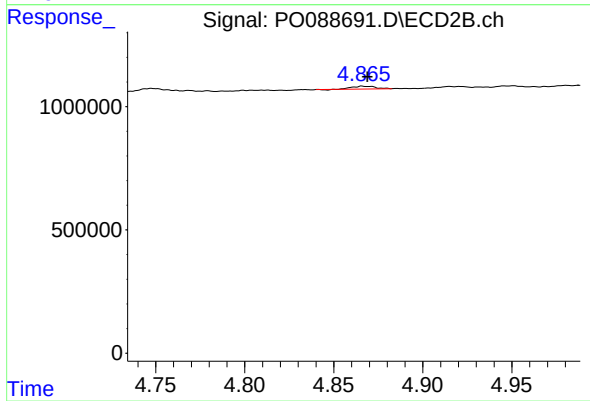
#17 AR-1242-2

R.T.: 4.689 min
Delta R.T.: -0.005 min
Response: 473053
Conc: 10.98 ng/ml



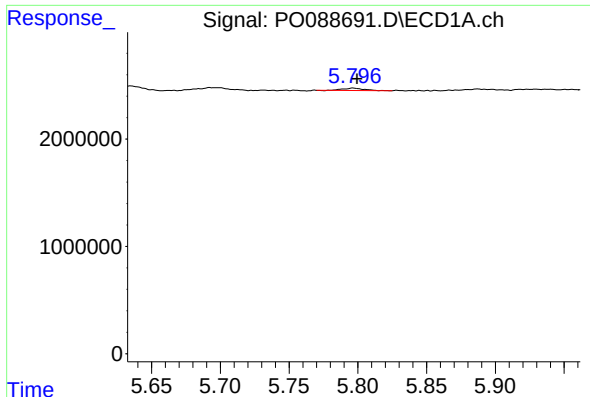
#18 AR-1242-3

R.T.: 5.693 min
Delta R.T.: -0.007 min
Response: 488468
Conc: 8.09 ng/ml



#18 AR-1242-3

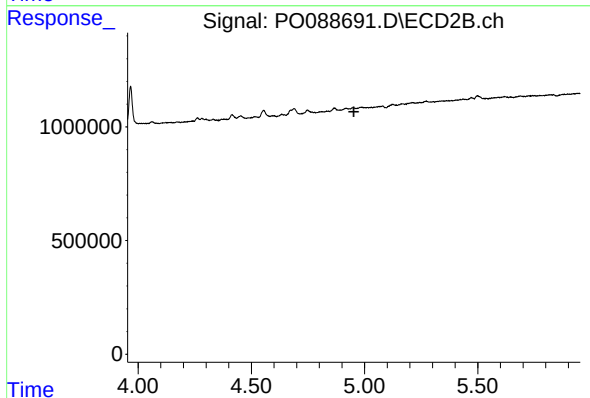
R.T.: 4.866 min
Delta R.T.: -0.002 min
Response: 100472
Conc: 4.18 ng/ml



#19 AR-1242-4

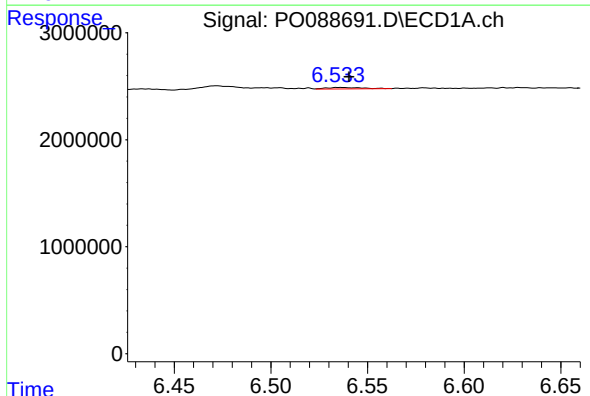
R.T.: 5.797 min
Delta R.T.: -0.003 min
Response: 251610
Conc: 5.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



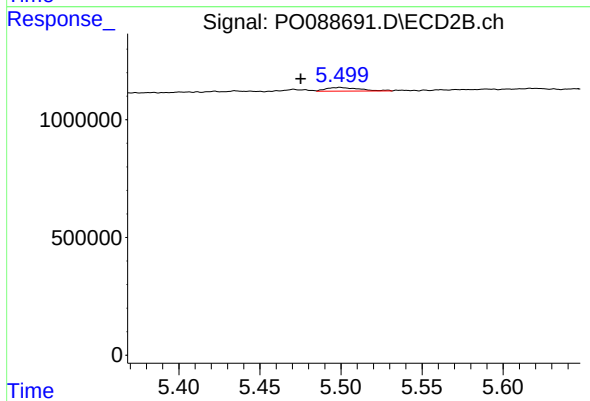
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.953 min
Response: 0
Conc: N.D.



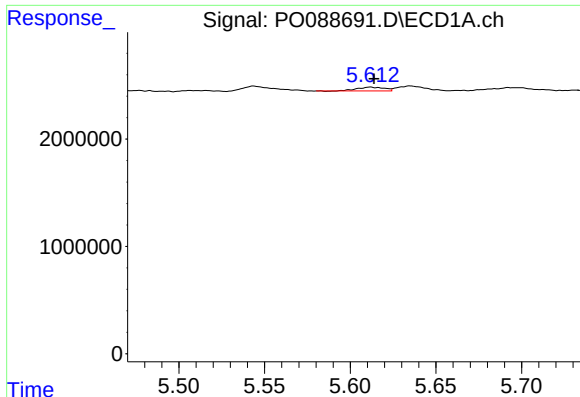
#20 AR-1242-5

R.T.: 6.535 min
Delta R.T.: -0.005 min
Response: 170911
Conc: 3.29 ng/ml



#20 AR-1242-5

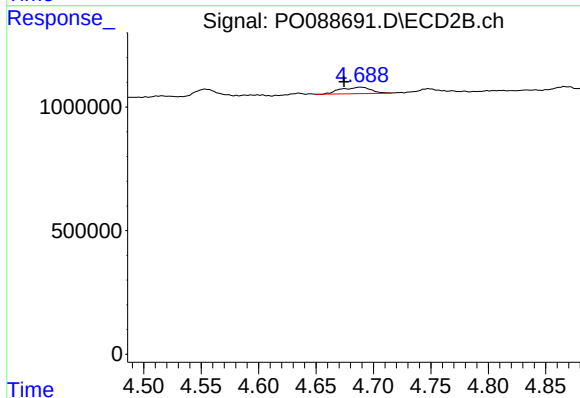
R.T.: 5.500 min
Delta R.T.: 0.024 min
Response: 227439
Conc: 7.14 ng/ml



#21 AR-1248-1

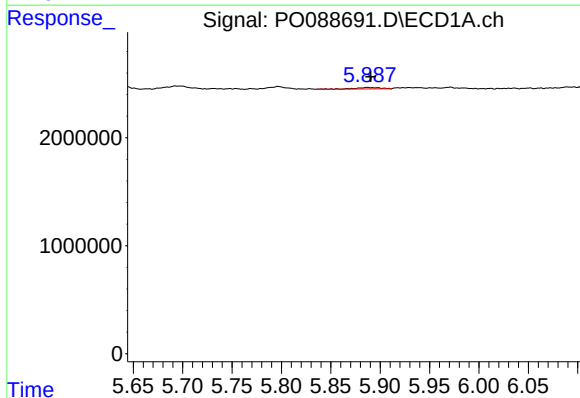
R.T.: 5.612 min
Delta R.T.: -0.002 min
Response: 380792
Conc: 7.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



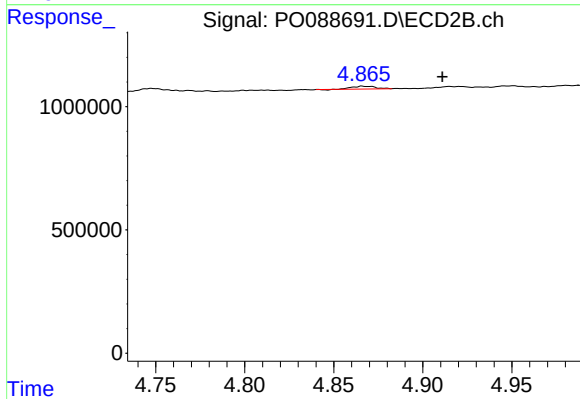
#21 AR-1248-1

R.T.: 4.689 min
Delta R.T.: 0.014 min
Response: 473053
Conc: 20.15 ng/ml



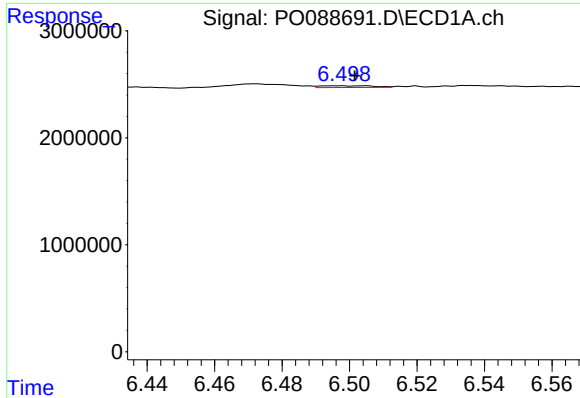
#22 AR-1248-2

R.T.: 5.887 min
Delta R.T.: -0.003 min
Response: 248585
Conc: 3.24 ng/ml



#22 AR-1248-2

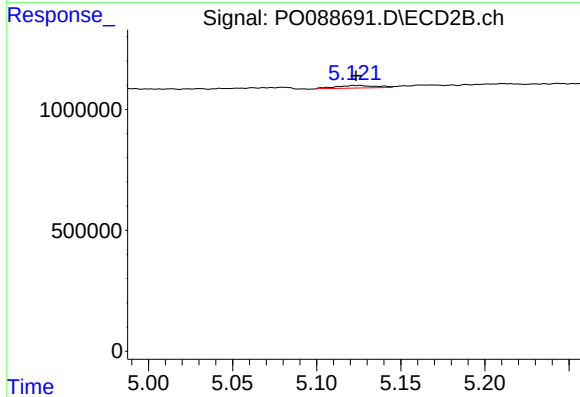
R.T.: 4.866 min
Delta R.T.: -0.045 min
Response: 100472
Conc: 2.80 ng/ml



#24 AR-1248-4

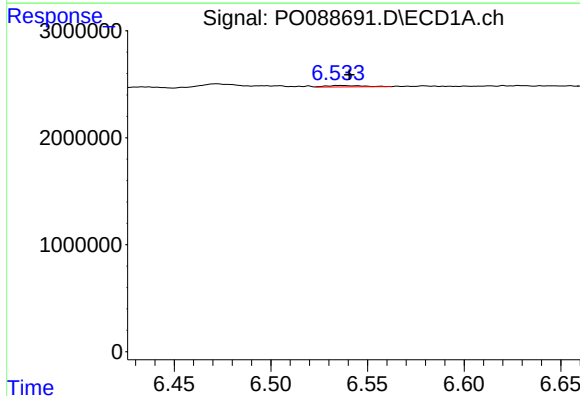
R.T.: 6.497 min
Delta R.T.: -0.005 min
Response: 174011
Conc: 1.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



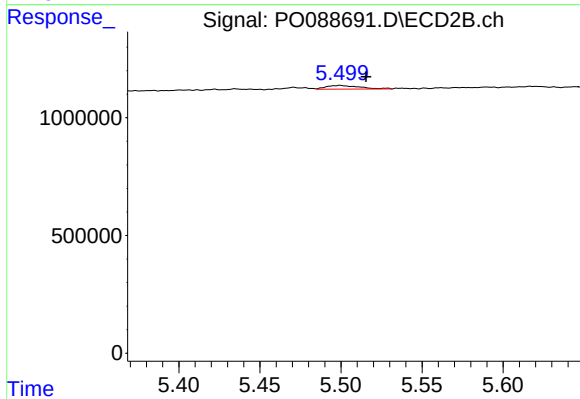
#24 AR-1248-4

R.T.: 5.125 min
Delta R.T.: 0.002 min
Response: 178816
Conc: 3.89 ng/ml



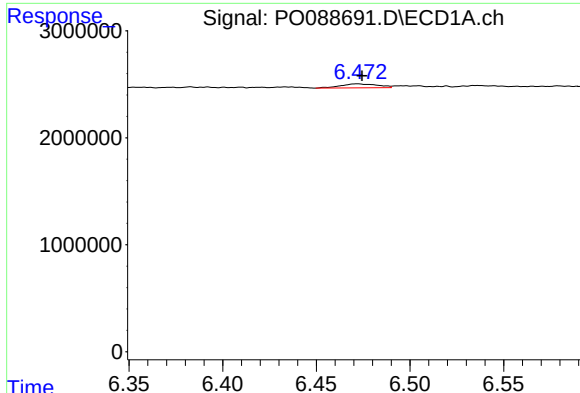
#25 AR-1248-5

R.T.: 6.535 min
Delta R.T.: -0.005 min
Response: 170911
Conc: 1.93 ng/ml



#25 AR-1248-5

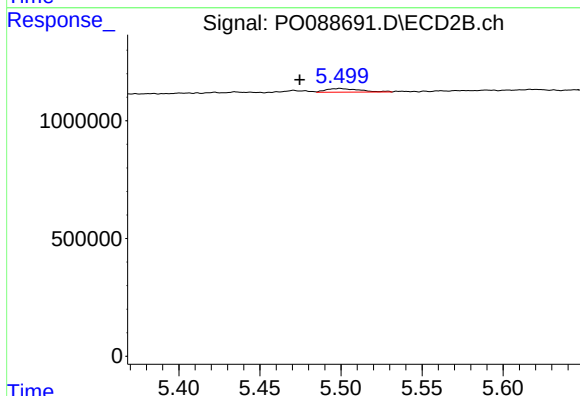
R.T.: 5.500 min
Delta R.T.: -0.016 min
Response: 227439
Conc: 5.21 ng/ml



#26 AR-1254-1

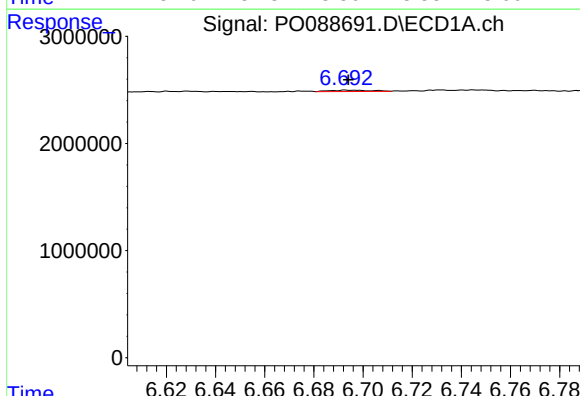
R.T.: 6.472 min
Delta R.T.: -0.003 min
Response: 499644
Conc: 5.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



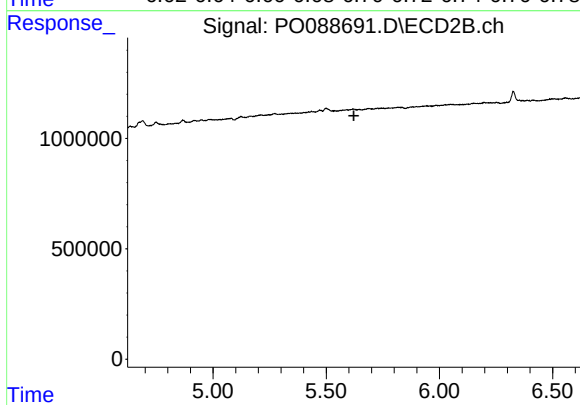
#26 AR-1254-1

R.T.: 5.500 min
Delta R.T.: 0.025 min
Response: 227439
Conc: 3.30 ng/ml



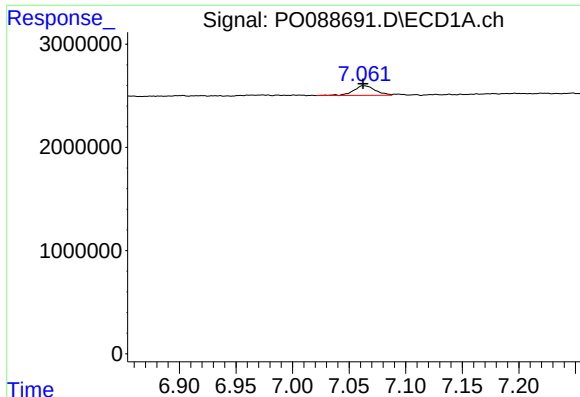
#27 AR-1254-2

R.T.: 6.693 min
Delta R.T.: 0.000 min
Response: 138532
Conc: 1.01 ng/ml



#27 AR-1254-2

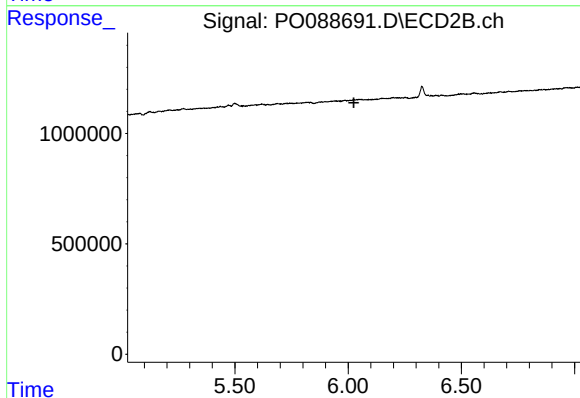
R.T.: 0.000 min
Exp R.T.: 5.622 min
Response: 0
Conc: N.D.



#28 AR-1254-3

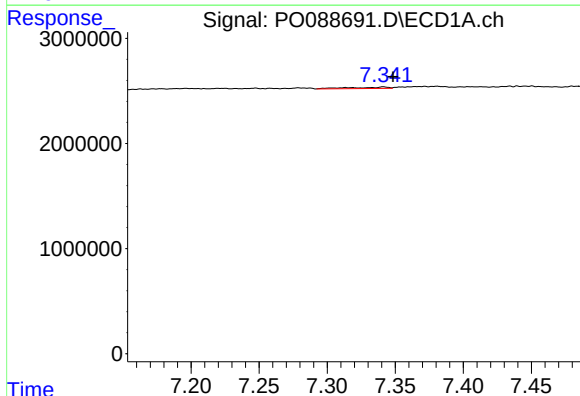
R.T.: 7.063 min
Delta R.T.: 0.000 min
Response: 1261628
Conc: 8.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



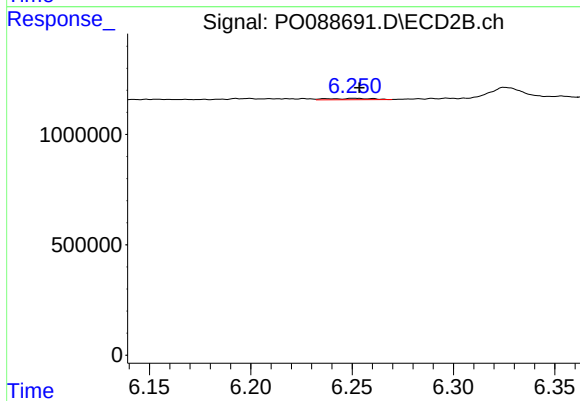
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 6.025 min
Response: 0
Conc: N.D.



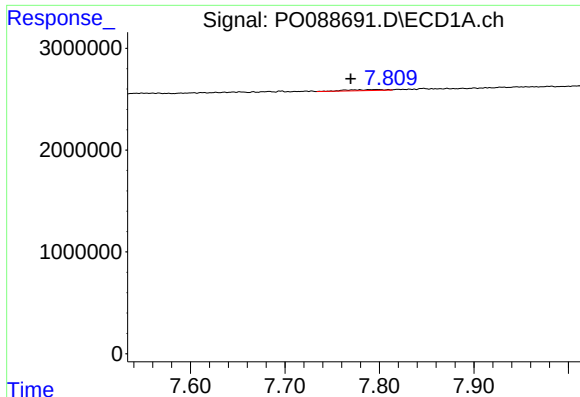
#29 AR-1254-4

R.T.: 7.341 min
Delta R.T.: -0.007 min
Response: 268993
Conc: 2.66 ng/ml



#29 AR-1254-4

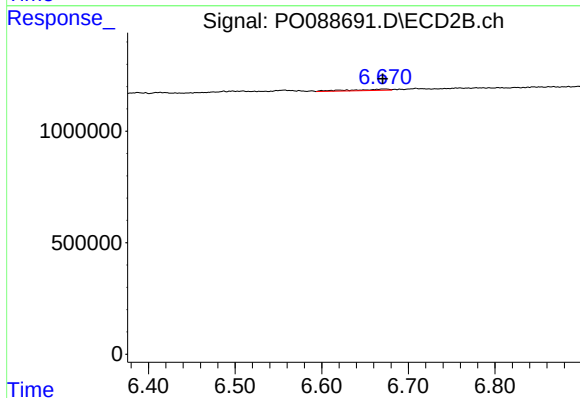
R.T.: 6.251 min
Delta R.T.: -0.002 min
Response: 91511
Conc: 1.62 ng/ml



#30 AR-1254-5

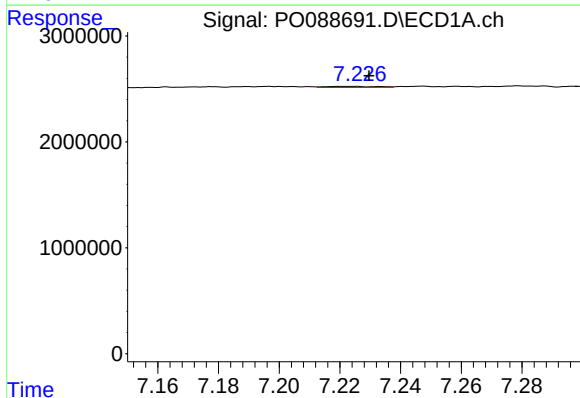
R.T.: 7.797 min
Delta R.T.: 0.027 min
Response: 272919
Conc: 2.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



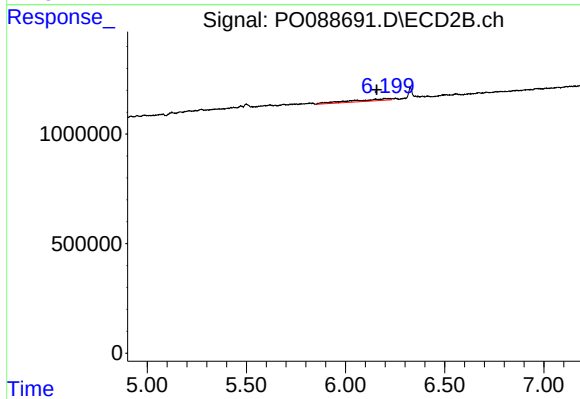
#30 AR-1254-5

R.T.: 6.672 min
Delta R.T.: 0.002 min
Response: 182831
Conc: 2.24 ng/ml



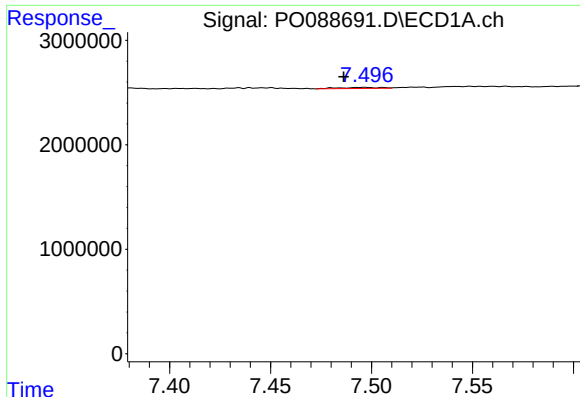
#31 AR-1260-1

R.T.: 7.221 min
Delta R.T.: -0.009 min
Response: 117952
Conc: 1.14 ng/ml



#31 AR-1260-1

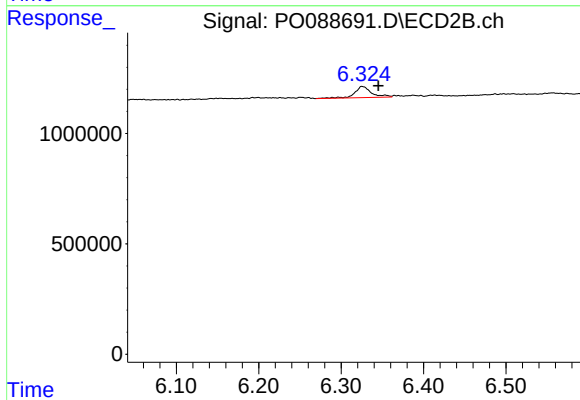
R.T.: 6.199 min
Delta R.T.: 0.043 min
Response: 1273495
Conc: 20.04 ng/ml



#32 AR-1260-2

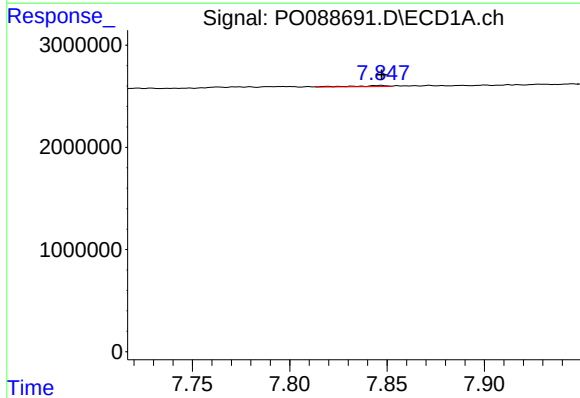
R.T.: 7.497 min
Delta R.T.: 0.010 min
Response: 149201
Conc: 1.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



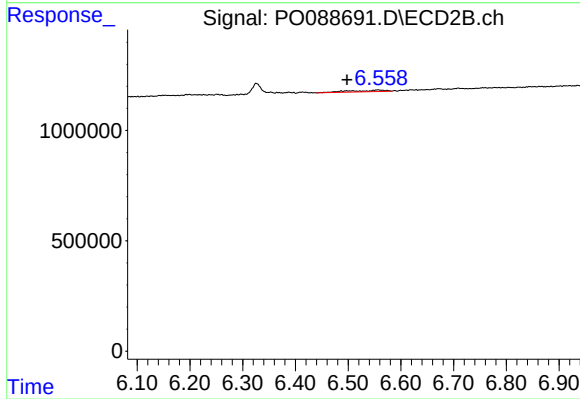
#32 AR-1260-2

R.T.: 6.326 min
Delta R.T.: -0.019 min
Response: 706756
Conc: 9.22 ng/ml



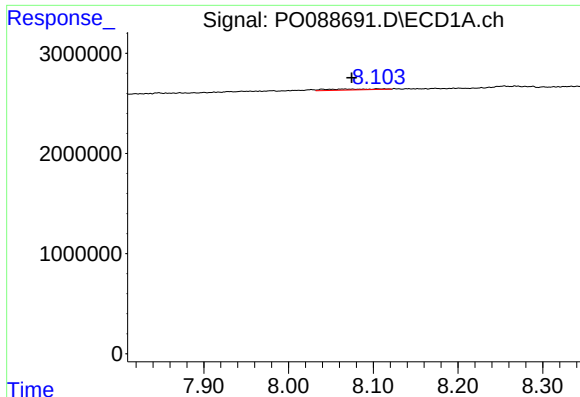
#33 AR-1260-3

R.T.: 7.847 min
Delta R.T.: 0.000 min
Response: 143409
Conc: 1.63 ng/ml



#33 AR-1260-3

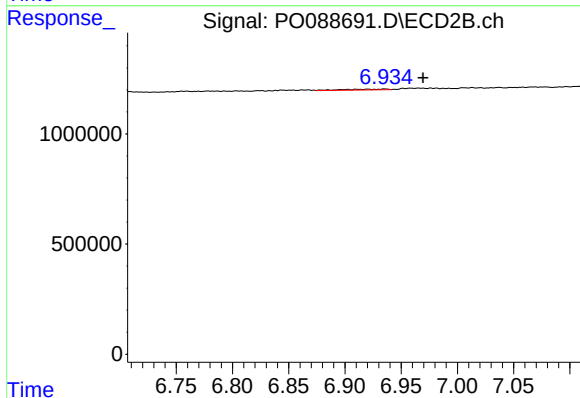
R.T.: 6.557 min
Delta R.T.: 0.059 min
Response: 330246
Conc: 4.60 ng/ml



#34 AR-1260-4

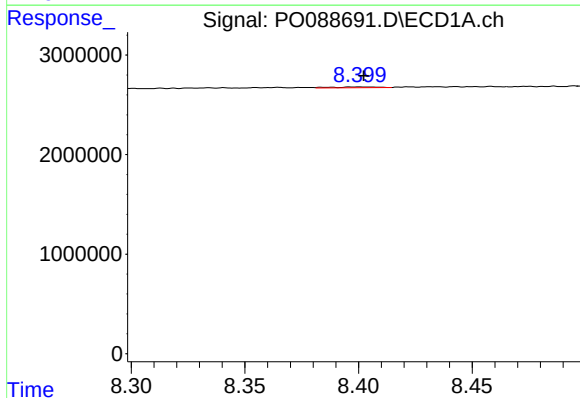
R.T.: 8.104 min
Delta R.T.: 0.029 min
Response: 406383
Conc: 4.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



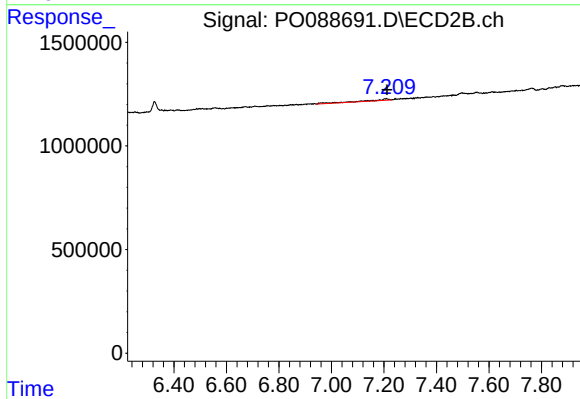
#34 AR-1260-4

R.T.: 6.935 min
Delta R.T.: -0.034 min
Response: 90531
Conc: 1.48 ng/ml



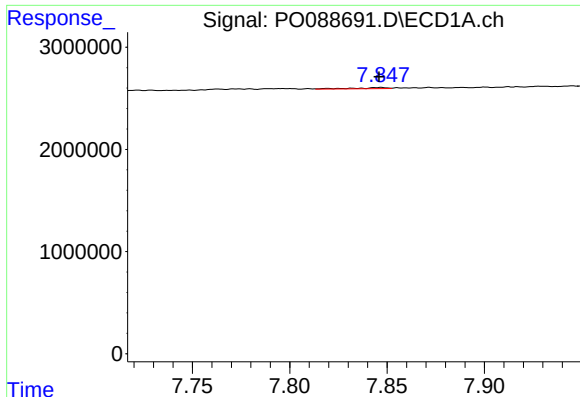
#35 AR-1260-5

R.T.: 8.400 min
Delta R.T.: -0.002 min
Response: 104030
Conc: 0.56 ng/ml



#35 AR-1260-5

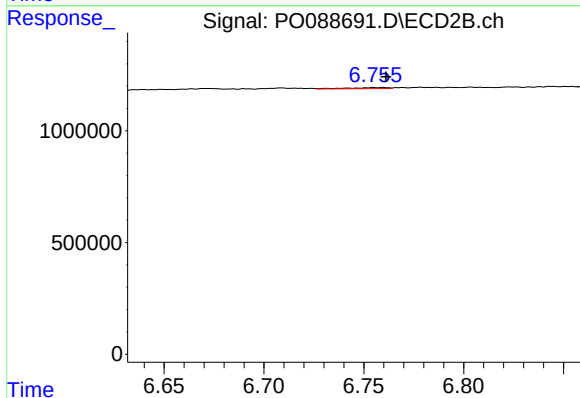
R.T.: 7.209 min
Delta R.T.: -0.003 min
Response: 430014
Conc: 3.05 ng/ml



#36 AR-1262-1

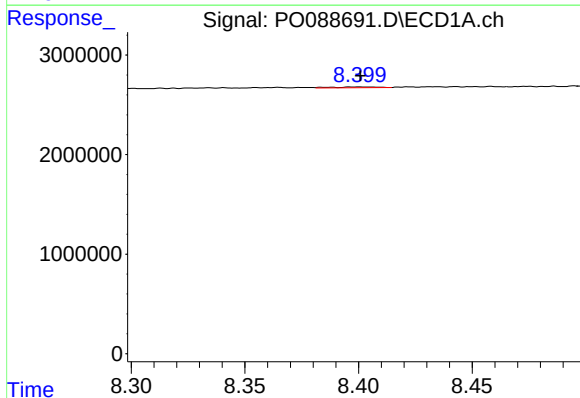
R.T.: 7.847 min
Delta R.T.: 0.000 min
Response: 143409
Conc: 1.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



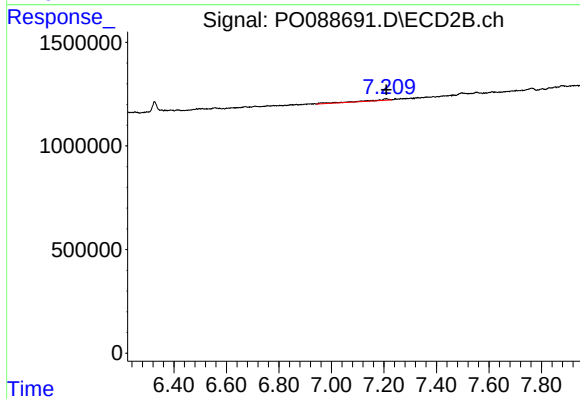
#36 AR-1262-1

R.T.: 6.759 min
Delta R.T.: -0.002 min
Response: 71398
Conc: 2.04 ng/ml



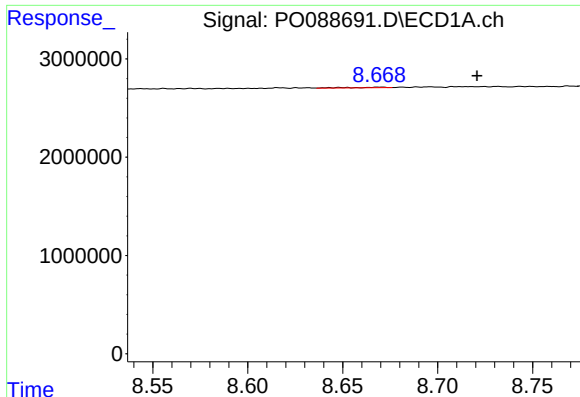
#37 AR-1262-2

R.T.: 8.400 min
Delta R.T.: 0.000 min
Response: 104030
Conc: 0.50 ng/ml



#37 AR-1262-2

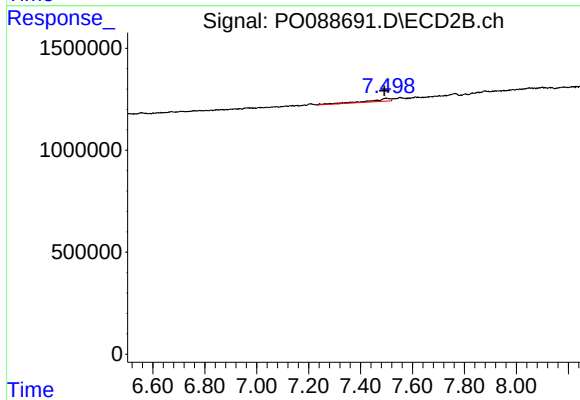
R.T.: 7.209 min
Delta R.T.: 0.000 min
Response: 430014
Conc: 2.81 ng/ml



#38 AR-1262-3

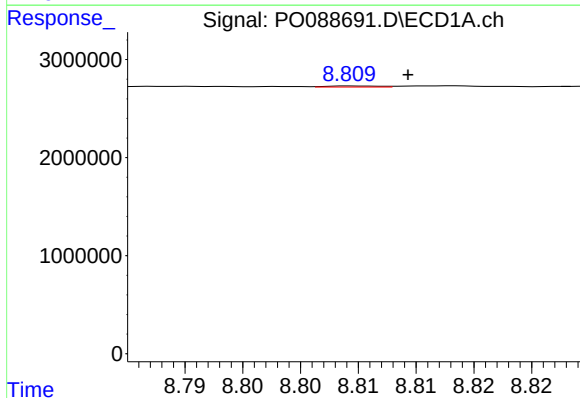
R.T.: 8.669 min
Delta R.T.: -0.051 min
Response: 72455
Conc: 0.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



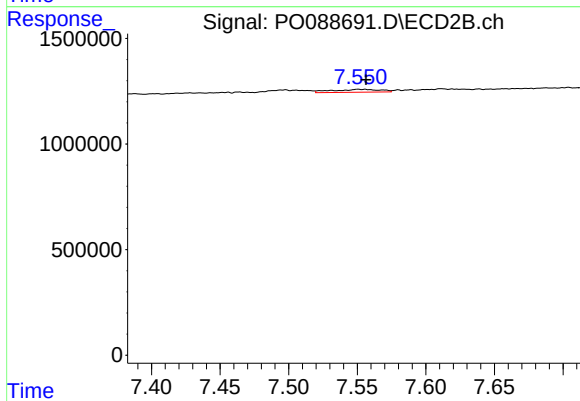
#38 AR-1262-3

R.T.: 7.497 min
Delta R.T.: 0.006 min
Response: 781848
Conc: 12.68 ng/ml



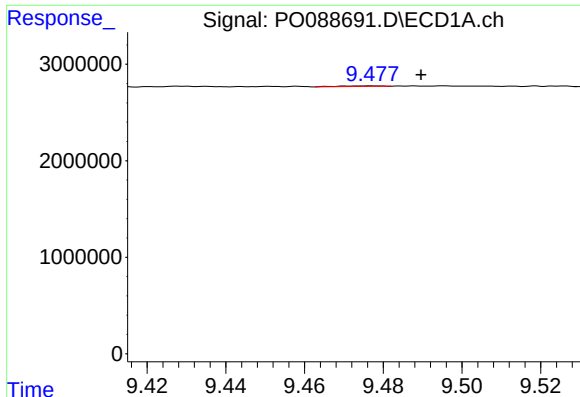
#39 AR-1262-4

R.T.: 8.810 min
Delta R.T.: -0.004 min
Response: 37472
Conc: 0.57 ng/ml



#39 AR-1262-4

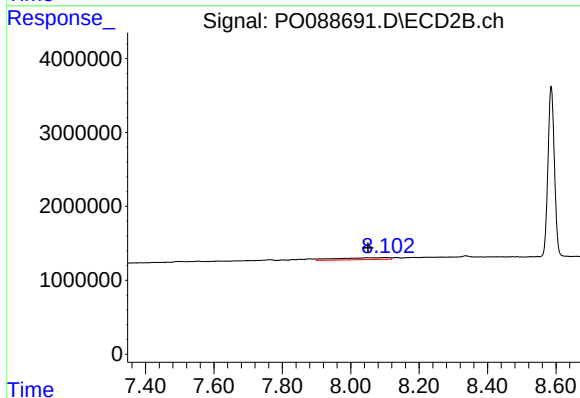
R.T.: 7.553 min
Delta R.T.: -0.004 min
Response: 336094
Conc: 2.95 ng/ml



#40 AR-1262-5

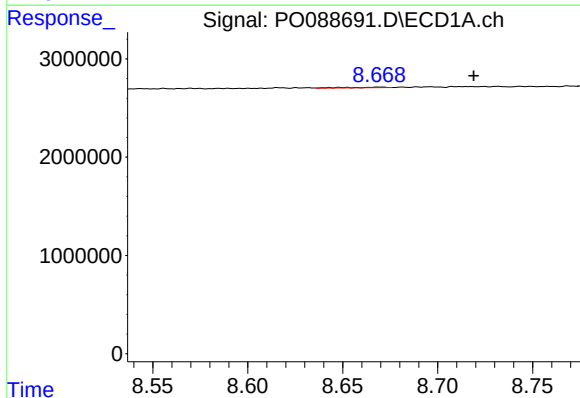
R.T.: 9.477 min
Delta R.T.: -0.013 min
Response: 48750
Conc: 0.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



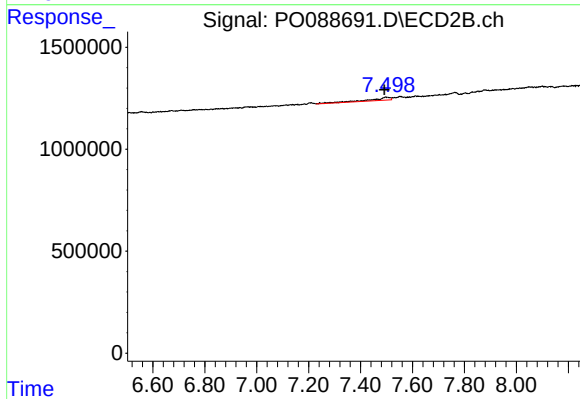
#40 AR-1262-5

R.T.: 8.099 min
Delta R.T.: 0.049 min
Response: 2754736
Conc: 51.31 ng/ml



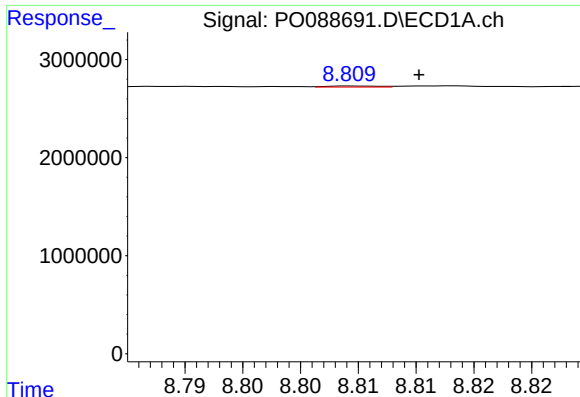
#41 AR-1268-1

R.T.: 8.669 min
Delta R.T.: -0.050 min
Response: 72455
Conc: 0.29 ng/ml



#41 AR-1268-1

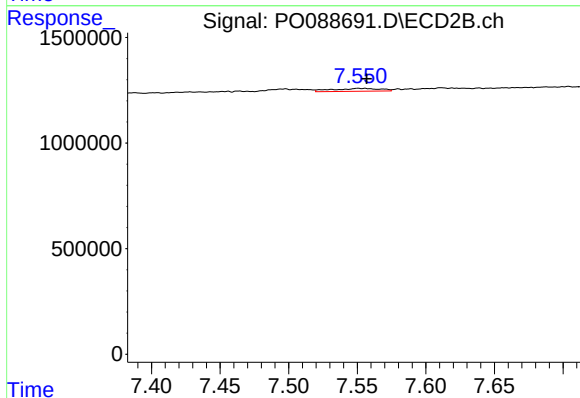
R.T.: 7.497 min
Delta R.T.: 0.005 min
Response: 781848
Conc: 4.42 ng/ml



#42 AR-1268-2

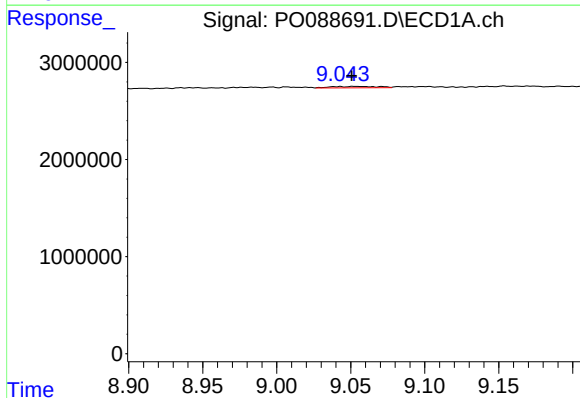
R.T.: 8.810 min
Delta R.T.: -0.005 min
Response: 37472
Conc: 0.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



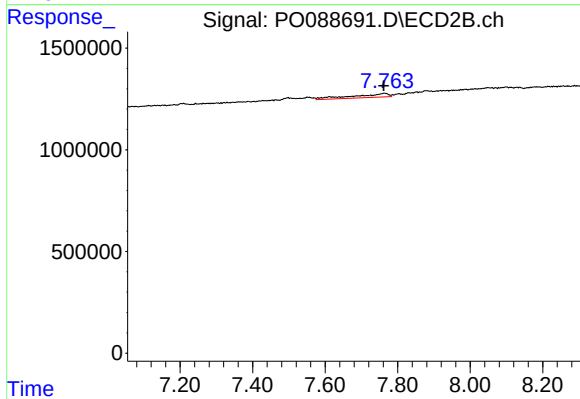
#42 AR-1268-2

R.T.: 7.553 min
Delta R.T.: -0.004 min
Response: 336094
Conc: 2.09 ng/ml



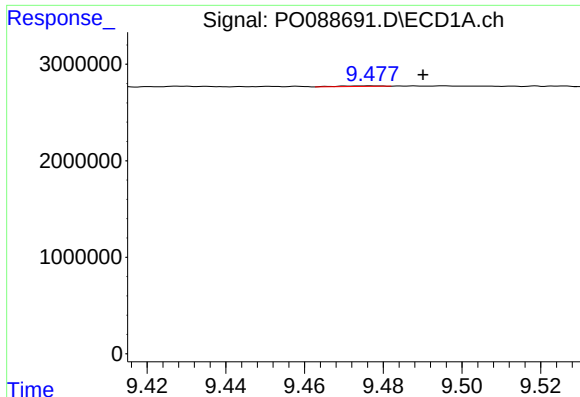
#43 AR-1268-3

R.T.: 9.043 min
Delta R.T.: -0.008 min
Response: 331292
Conc: 1.69 ng/ml



#43 AR-1268-3

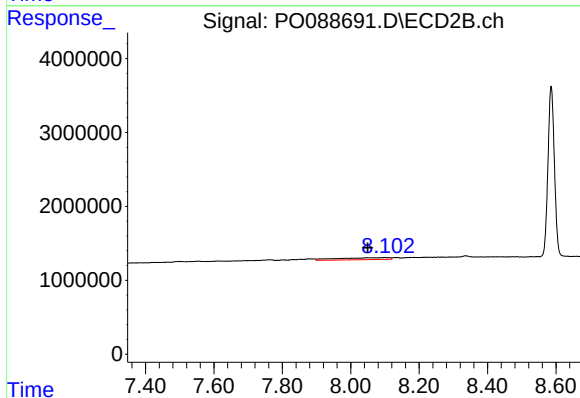
R.T.: 7.763 min
Delta R.T.: 0.001 min
Response: 1280480
Conc: 9.28 ng/ml



#44 AR-1268-4

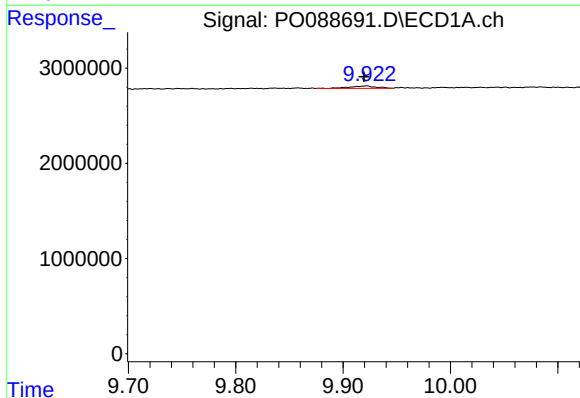
R.T.: 9.477 min
Delta R.T.: -0.014 min
Response: 48750
Conc: 0.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



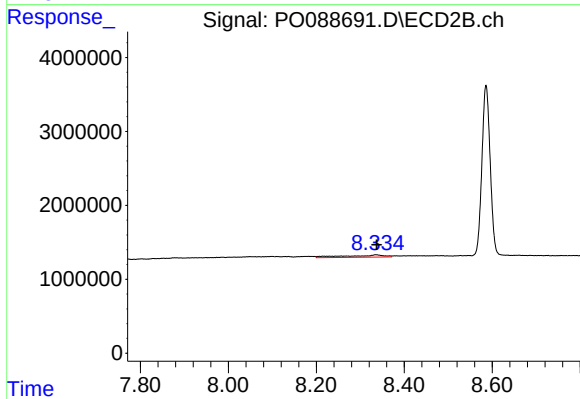
#44 AR-1268-4

R.T.: 8.099 min
Delta R.T.: 0.050 min
Response: 2754736
Conc: 47.59 ng/ml



#45 AR-1268-5

R.T.: 9.922 min
Delta R.T.: 0.003 min
Response: 431867
Conc: 0.69 ng/ml



#45 AR-1268-5

R.T.: 8.336 min
Delta R.T.: -0.001 min
Response: 1837079
Conc: 4.50 ng/ml