

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080222\
 Data File : P0088522.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2022 11:12
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 23:57:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 26 11:20:17 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...	4.443	3.603	43297782	15747216	16.972	16.691
2)	SA Decachlor...	10.286	8.595	32539297	19039655	15.322	18.219
Target Compounds							
3)	L1 AR-1016-1	5.613	4.691	155844	429334	1.777	11.932 #
4)	L1 AR-1016-2	5.641	4.691	230125	429334	1.834	8.403 #
5)	L1 AR-1016-3	5.689	4.923f	548971	178150	7.077	6.417
6)	L1 AR-1016-4	0.000	4.923	0	178150	N.D.	7.659 #
7)	L1 AR-1016-5	6.148f	5.083f	663803	120916	10.696	4.086 #
8)	L2 AR-1221-1	4.651	0.000	322948	0	10.673	N.D. #
9)	L2 AR-1221-2	4.751	3.900	607386	243098	27.402	30.653
10)	L2 AR-1221-3	4.878f	0.000	62722	0	0.910	N.D. #
11)	L3 AR-1232-1	4.878f	0.000	62722	0	1.207	N.D. #
12)	L3 AR-1232-2	5.191	4.691	238074	429334	9.286	21.770 #
13)	L3 AR-1232-3	5.641	4.923f	230125	178150	4.785	17.496 #
14)	L3 AR-1232-4	0.000	4.923f	0	178150	N.D.	18.339 #
15)	L3 AR-1232-5	5.895	5.083f	428640	120916	22.062	11.118 #
16)	L4 AR-1242-1	5.613	4.691	155844	429334	2.283	14.757 #
17)	L4 AR-1242-2	5.641	4.691	230125	429334	2.376	10.600 #
18)	L4 AR-1242-3	5.689	4.923f	548971	178150	9.048	8.063
19)	L4 AR-1242-4	0.000	4.923f	0	178150	N.D.	7.619 #
20)	L4 AR-1242-5	6.511f	0.000	330657	0	6.279	N.D. #
21)	L5 AR-1248-1	5.613	4.691	155844	429334	2.917	18.743 #
22)	L5 AR-1248-2	5.895	4.923	428640	178150	5.517	5.281
23)	L5 AR-1248-3	6.148f	4.923f	663803	178150	7.930	5.126 #
24)	L5 AR-1248-4	6.511	5.083f	330657	120916	3.598	2.888
25)	L5 AR-1248-5	6.511f	0.000	330657	0	3.677	N.D. #
26)	L6 AR-1254-1	6.477	0.000	479232	0	5.054	N.D. #
27)	L6 AR-1254-2	6.698	5.630	241725	354873	1.684	6.921 #
28)	L6 AR-1254-3	7.068	6.067	1342746	434925	9.167	5.360 #
29)	L6 AR-1254-4	7.363	6.296	864291	121953	7.986	2.445 #
30)	L6 AR-1254-5	7.793	6.676	1085381	151692	9.018	2.008 #
31)	L7 AR-1260-1	7.228	6.158	518998	518172	4.460	9.561 #
32)	L7 AR-1260-2	7.504	6.332	733668	388825	5.430	5.988
33)	L7 AR-1260-3	7.844	0.000	454134	0	4.960	N.D. #
34)	L7 AR-1260-4	8.078	0.000	272818	0	2.526	N.D. #
35)	L7 AR-1260-5	8.409	7.215	963583	253022	4.696	2.211 #
36)	L8 AR-1262-1	7.844	0.000	454134	0	3.306	N.D. #
37)	L8 AR-1262-2	8.409	7.215	963583	253022	4.095	1.883 #
38)	L8 AR-1262-3	8.751	0.000	63339	0	0.382	N.D. #
39)	L8 AR-1262-4	8.802	7.623f	26513	708952	0.318	7.008 #
40)	L8 AR-1262-5	9.508	8.052	333195	759260	3.739	15.459 #
41)	L9 AR-1268-1	8.751	7.428f	63339	129774	0.252	0.787 #

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 Operator : YP/AJ
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 Misc :
 ALS Vial : 2 Sample Multiplier: 1

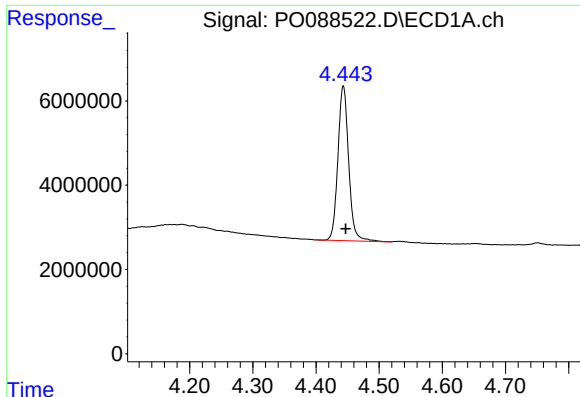
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 23:57:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071422.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	8.802	7.623f	26513	708952	0.114	4.730 #
43) L9	AR-1268-3	0.000	7.736	0	2317656	N.D.	18.352 #
44) L9	AR-1268-4	9.495	8.052	1126054	759260	12.255	14.409
45) L9	AR-1268-5	9.927	8.342	466517	396021	0.707	1.030 #

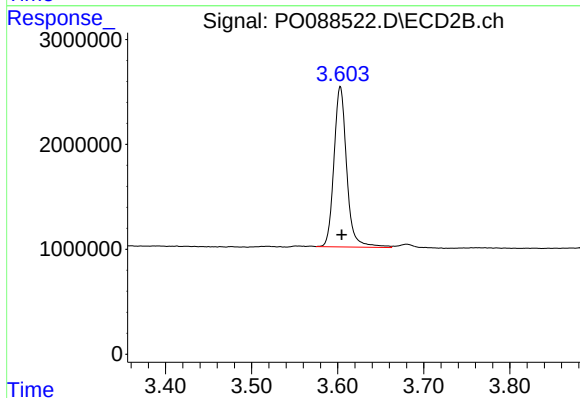
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

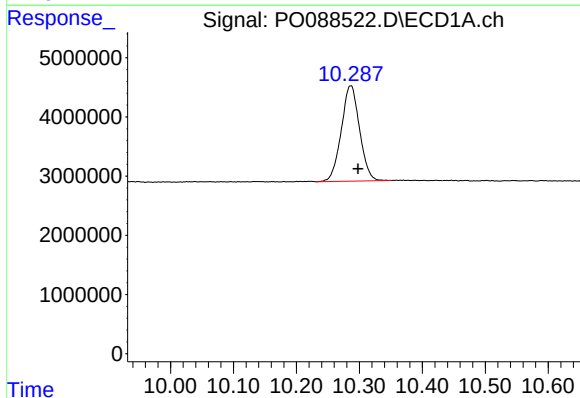
R.T.: 4.443 min
Delta R.T.: -0.004 min
Response: 43297782
Conc: 16.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



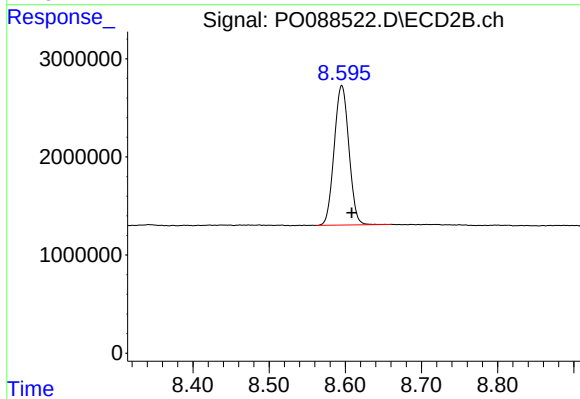
#1 Tetrachloro-m-xylene

R.T.: 3.603 min
Delta R.T.: -0.002 min
Response: 15747216
Conc: 16.69 ng/ml



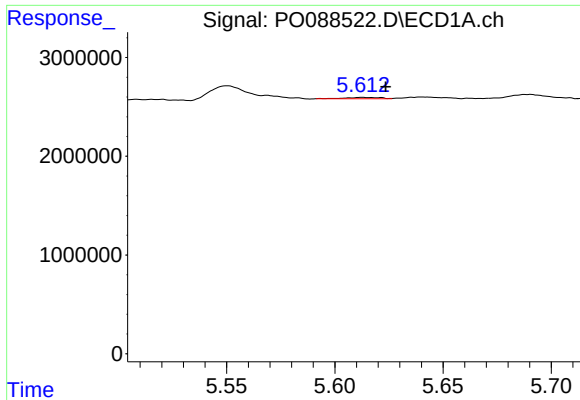
#2 Decachlorobiphenyl

R.T.: 10.286 min
Delta R.T.: -0.012 min
Response: 32539297
Conc: 15.32 ng/ml



#2 Decachlorobiphenyl

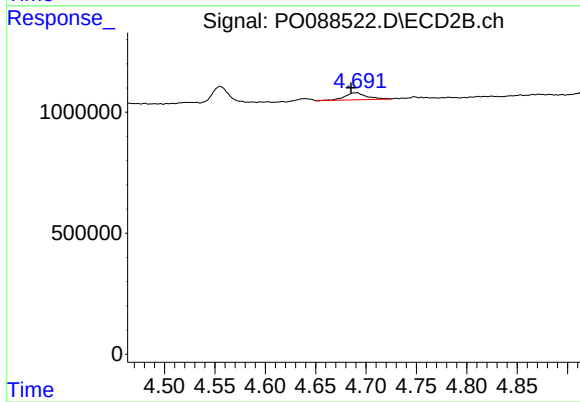
R.T.: 8.595 min
Delta R.T.: -0.013 min
Response: 19039655
Conc: 18.22 ng/ml



#3 AR-1016-1

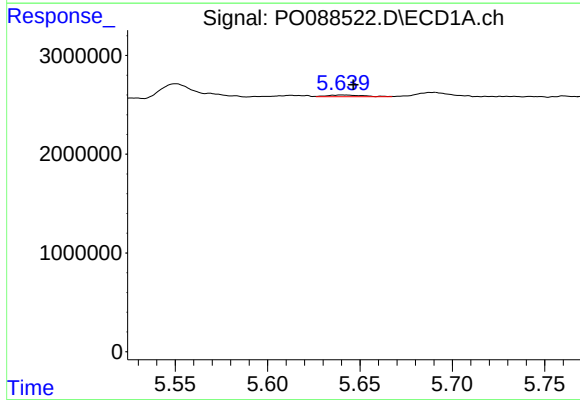
R.T.: 5.613 min
Delta R.T.: -0.011 min
Response: 155844
Conc: 1.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



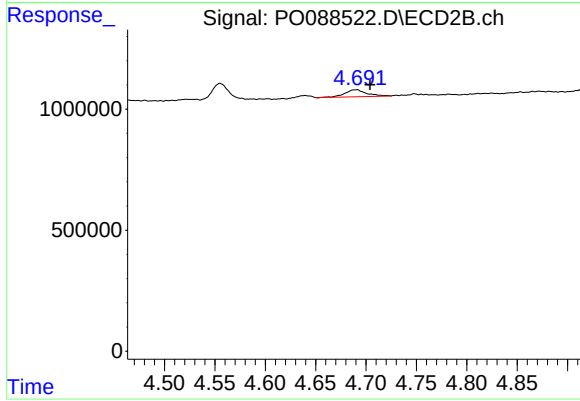
#3 AR-1016-1

R.T.: 4.691 min
Delta R.T.: 0.005 min
Response: 429334
Conc: 11.93 ng/ml



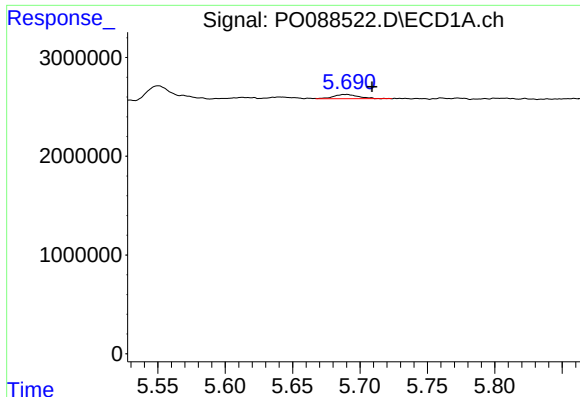
#4 AR-1016-2

R.T.: 5.641 min
Delta R.T.: -0.006 min
Response: 230125
Conc: 1.83 ng/ml



#4 AR-1016-2

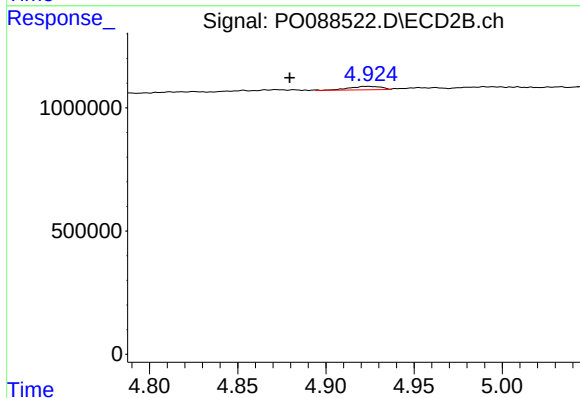
R.T.: 4.691 min
Delta R.T.: -0.013 min
Response: 429334
Conc: 8.40 ng/ml



#5 AR-1016-3

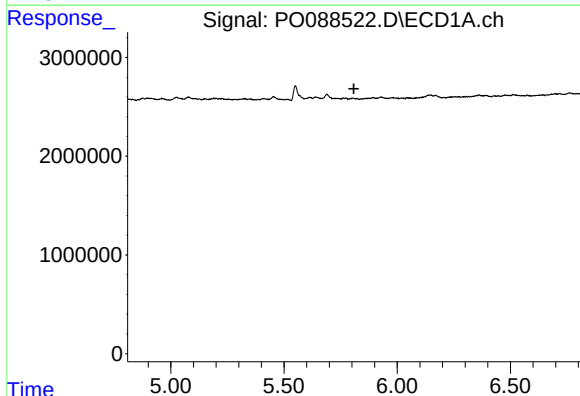
R.T.: 5.689 min
Delta R.T.: -0.019 min
Response: 548971
Conc: 7.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



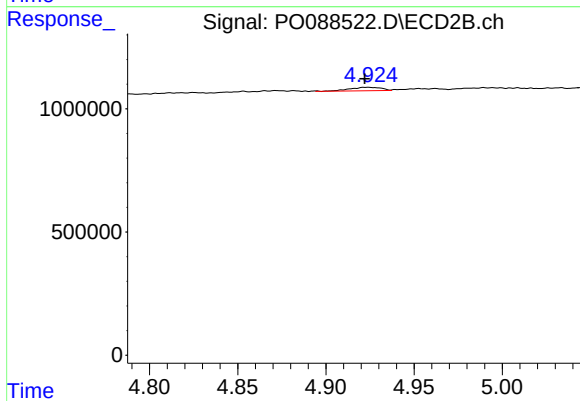
#5 AR-1016-3

R.T.: 4.923 min
Delta R.T.: 0.044 min
Response: 178150
Conc: 6.42 ng/ml



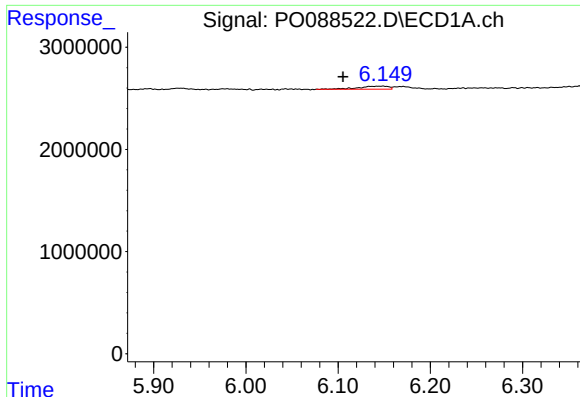
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.809 min
Response: 0
Conc: N.D.



#6 AR-1016-4

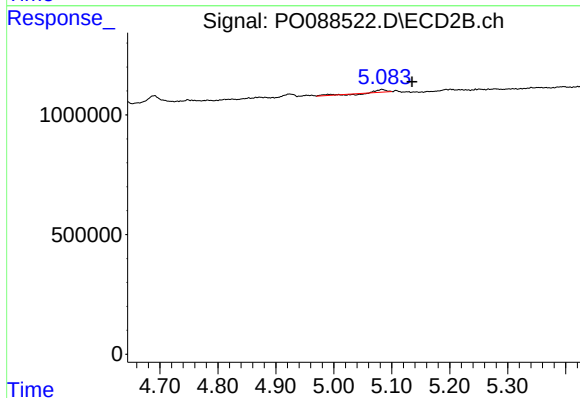
R.T.: 4.923 min
Delta R.T.: 0.001 min
Response: 178150
Conc: 7.66 ng/ml



#7 AR-1016-5

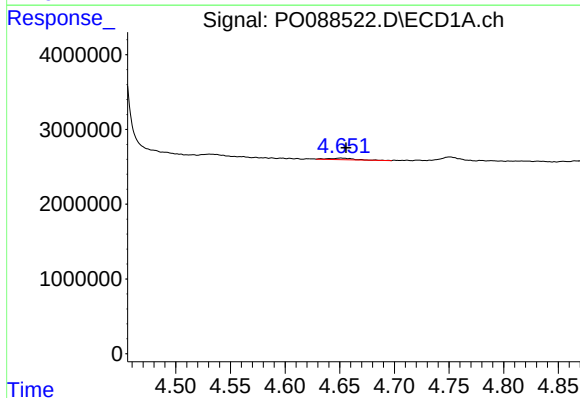
R.T.: 6.148 min
Delta R.T.: 0.043 min
Response: 663803
Conc: 10.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



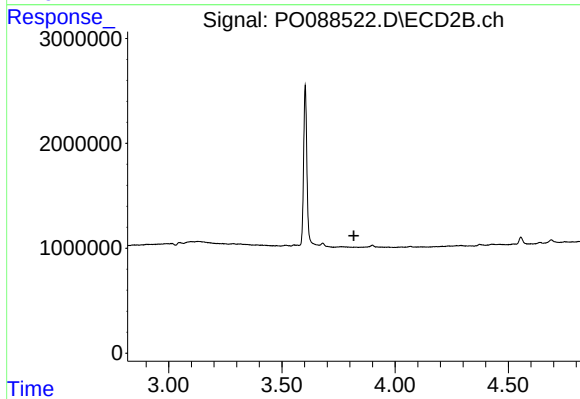
#7 AR-1016-5

R.T.: 5.083 min
Delta R.T.: -0.052 min
Response: 120916
Conc: 4.09 ng/ml



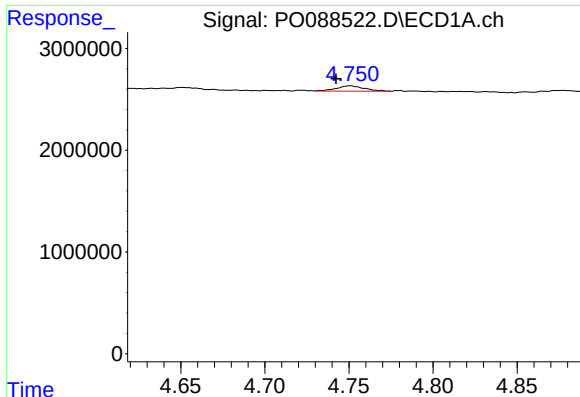
#8 AR-1221-1

R.T.: 4.651 min
Delta R.T.: -0.005 min
Response: 322948
Conc: 10.67 ng/ml



#8 AR-1221-1

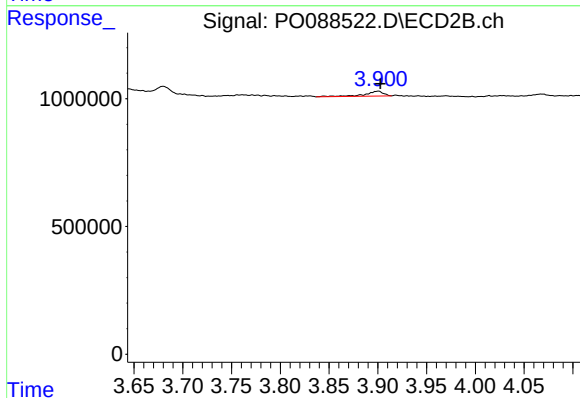
R.T.: 0.000 min
Exp R.T. : 3.818 min
Response: 0
Conc: N.D.



#9 AR-1221-2

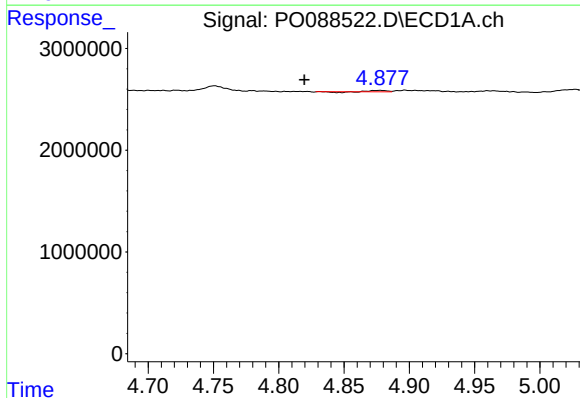
R.T.: 4.751 min
Delta R.T.: 0.008 min
Response: 607386
Conc: 27.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



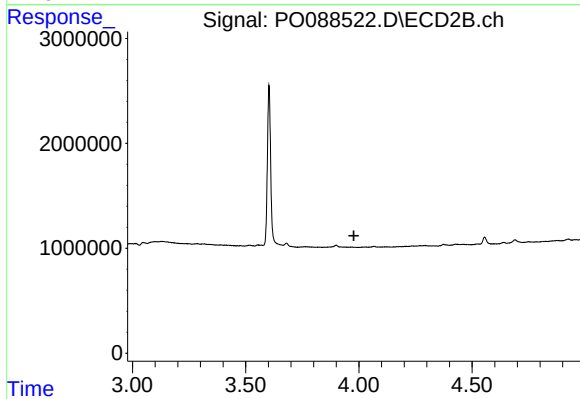
#9 AR-1221-2

R.T.: 3.900 min
Delta R.T.: -0.002 min
Response: 243098
Conc: 30.65 ng/ml



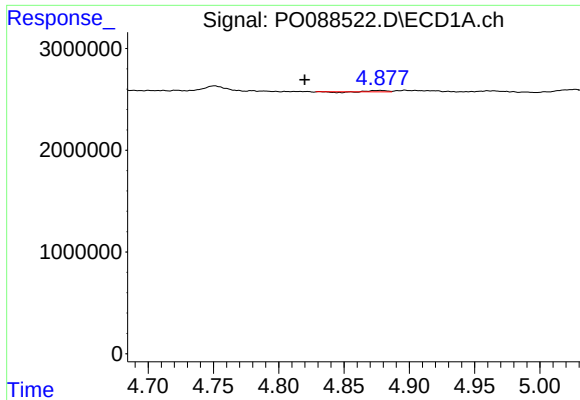
#10 AR-1221-3

R.T.: 4.878 min
Delta R.T.: 0.058 min
Response: 62722
Conc: 0.91 ng/ml



#10 AR-1221-3

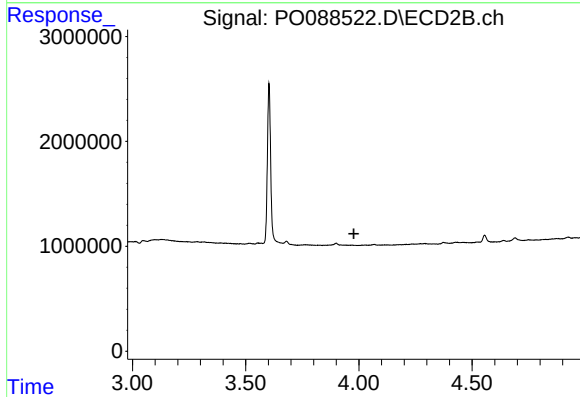
R.T.: 0.000 min
Exp R.T. : 3.978 min
Response: 0
Conc: N.D.



#11 AR-1232-1

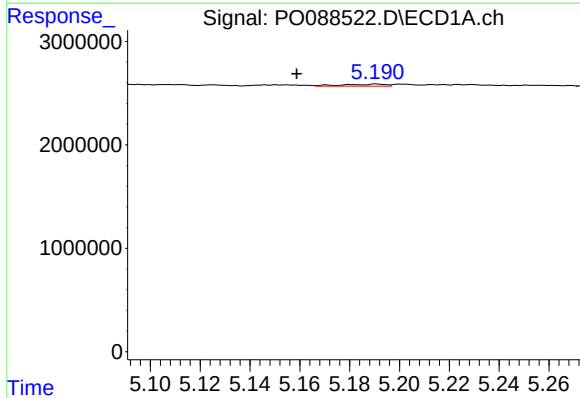
R.T.: 4.878 min
Delta R.T.: 0.058 min
Response: 62722
Conc: 1.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



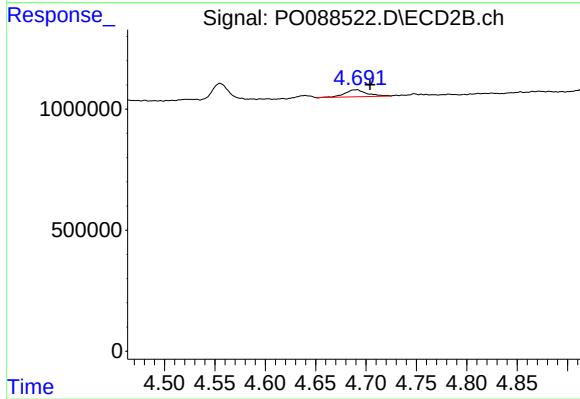
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.978 min
Response: 0
Conc: N.D.



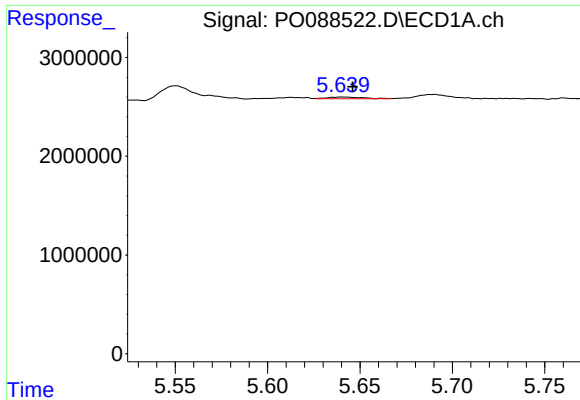
#12 AR-1232-2

R.T.: 5.191 min
Delta R.T.: 0.032 min
Response: 238074
Conc: 9.29 ng/ml



#12 AR-1232-2

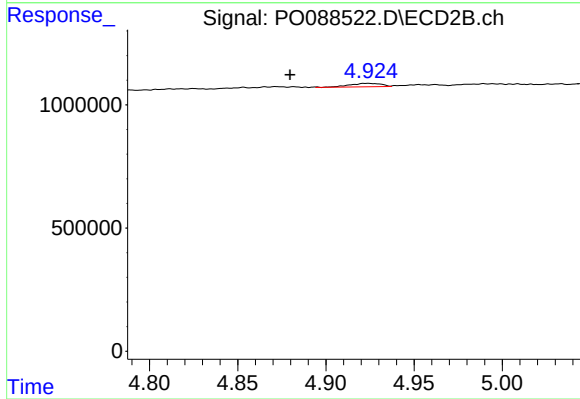
R.T.: 4.691 min
Delta R.T.: -0.013 min
Response: 429334
Conc: 21.77 ng/ml



#13 AR-1232-3

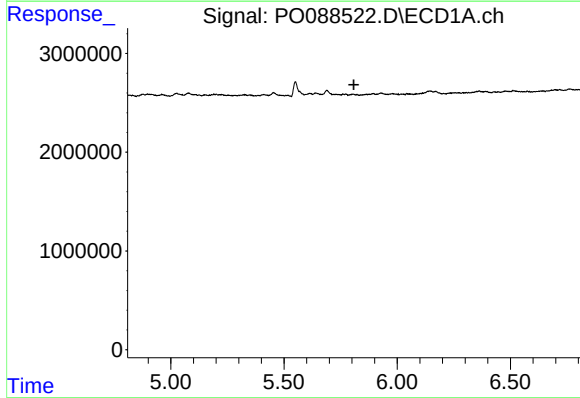
R.T.: 5.641 min
Delta R.T.: -0.005 min
Response: 230125
Conc: 4.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



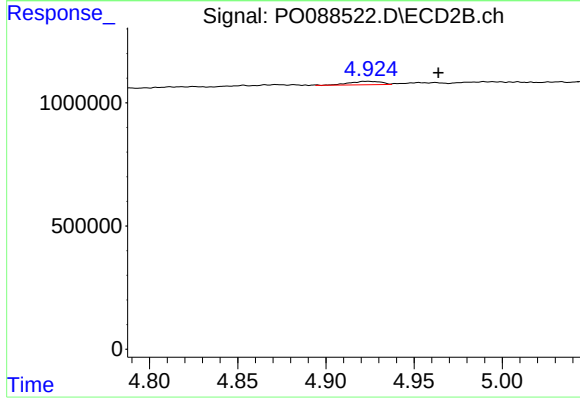
#13 AR-1232-3

R.T.: 4.923 min
Delta R.T.: 0.044 min
Response: 178150
Conc: 17.50 ng/ml



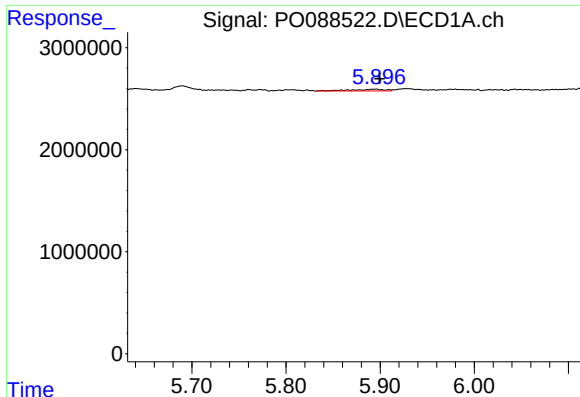
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.809 min
Response: 0
Conc: N.D.



#14 AR-1232-4

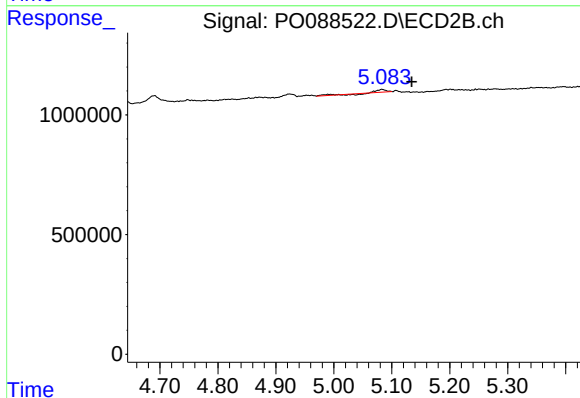
R.T.: 4.923 min
Delta R.T.: -0.040 min
Response: 178150
Conc: 18.34 ng/ml



#15 AR-1232-5

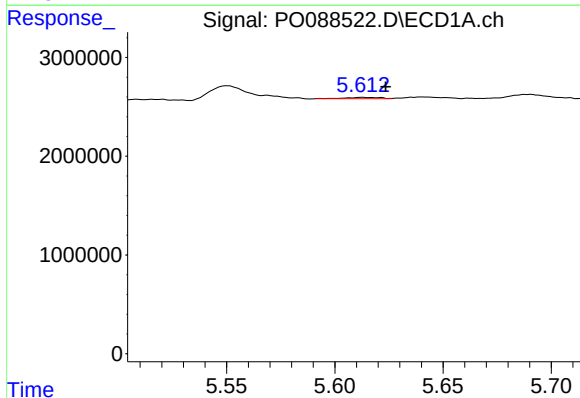
R.T.: 5.895 min
Delta R.T.: -0.004 min
Response: 428640
Conc: 22.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



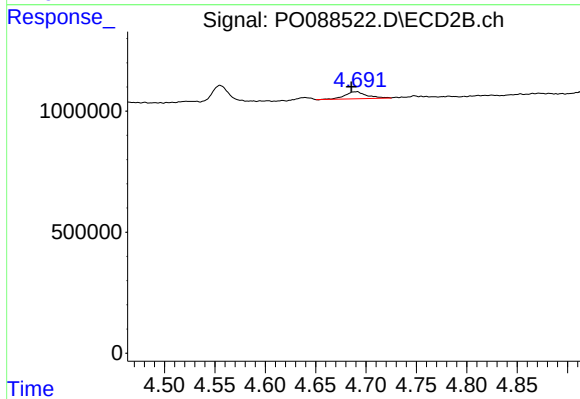
#15 AR-1232-5

R.T.: 5.083 min
Delta R.T.: -0.051 min
Response: 120916
Conc: 11.12 ng/ml



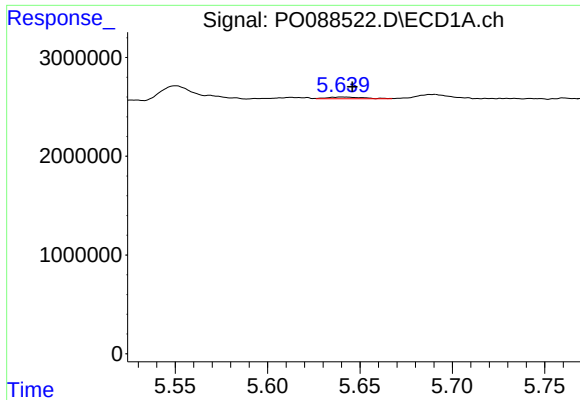
#16 AR-1242-1

R.T.: 5.613 min
Delta R.T.: -0.011 min
Response: 155844
Conc: 2.28 ng/ml



#16 AR-1242-1

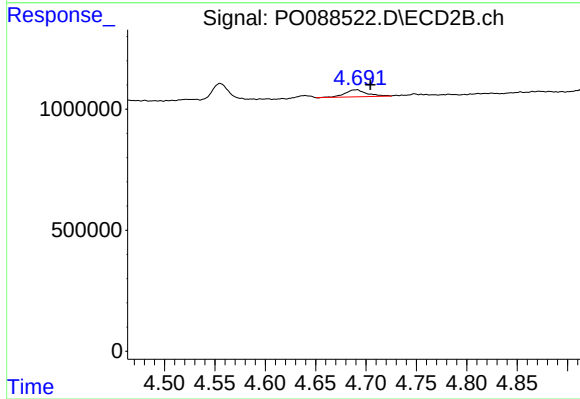
R.T.: 4.691 min
Delta R.T.: 0.005 min
Response: 429334
Conc: 14.76 ng/ml



#17 AR-1242-2

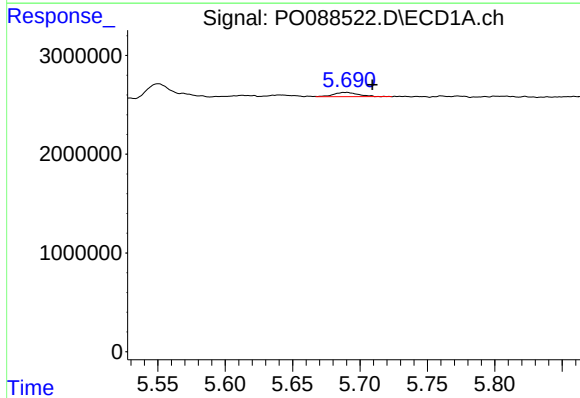
R.T.: 5.641 min
Delta R.T.: -0.005 min
Response: 230125
Conc: 2.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



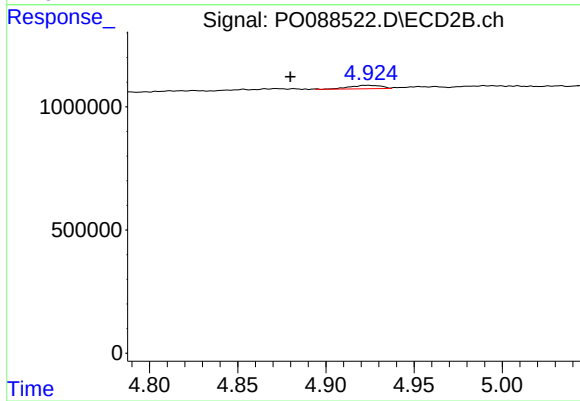
#17 AR-1242-2

R.T.: 4.691 min
Delta R.T.: -0.014 min
Response: 429334
Conc: 10.60 ng/ml



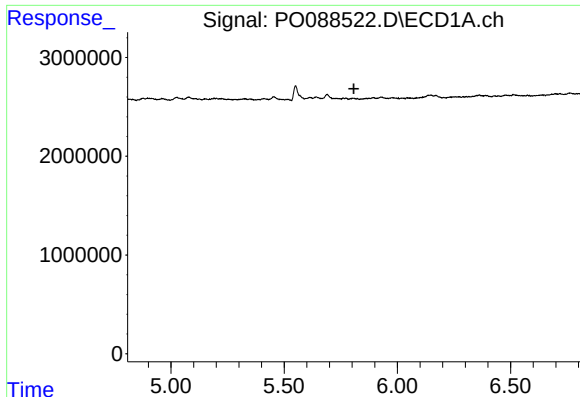
#18 AR-1242-3

R.T.: 5.689 min
Delta R.T.: -0.020 min
Response: 548971
Conc: 9.05 ng/ml



#18 AR-1242-3

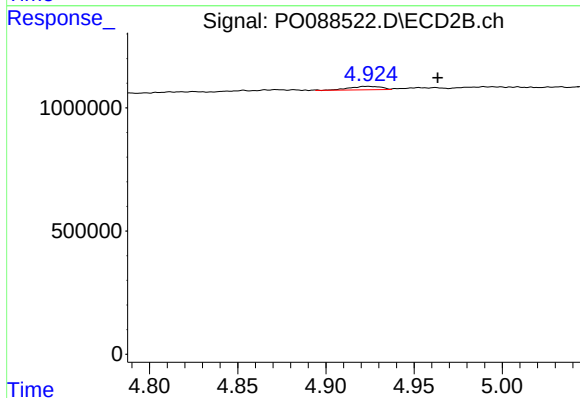
R.T.: 4.923 min
Delta R.T.: 0.043 min
Response: 178150
Conc: 8.06 ng/ml



#19 AR-1242-4

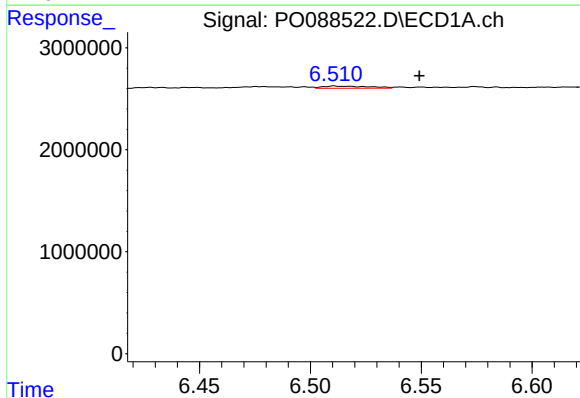
R.T.: 0.000 min
Exp R.T.: 5.808 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



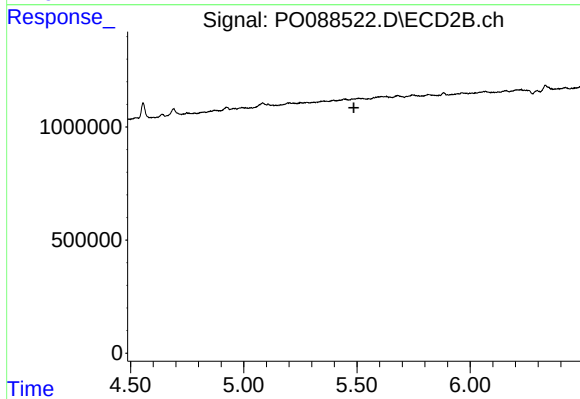
#19 AR-1242-4

R.T.: 4.923 min
Delta R.T.: -0.040 min
Response: 178150
Conc: 7.62 ng/ml



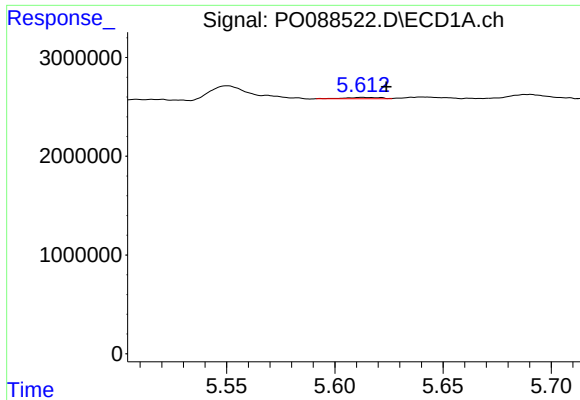
#20 AR-1242-5

R.T.: 6.511 min
Delta R.T.: -0.038 min
Response: 330657
Conc: 6.28 ng/ml



#20 AR-1242-5

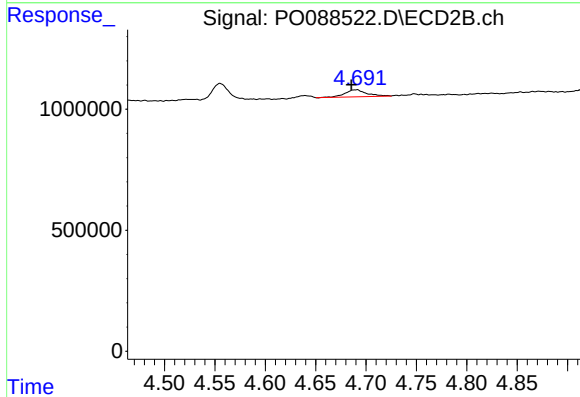
R.T.: 0.000 min
Exp R.T.: 5.486 min
Response: 0
Conc: N.D.



#21 AR-1248-1

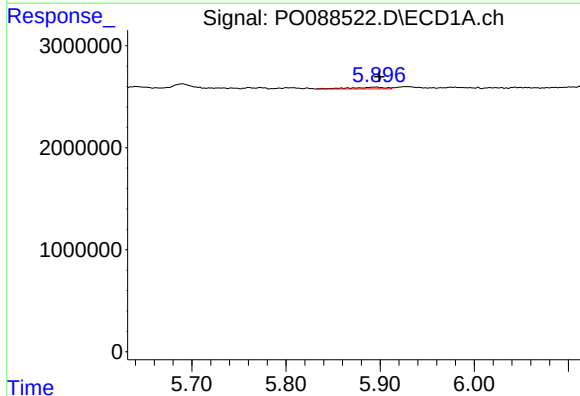
R.T.: 5.613 min
Delta R.T.: -0.011 min
Response: 155844
Conc: 2.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



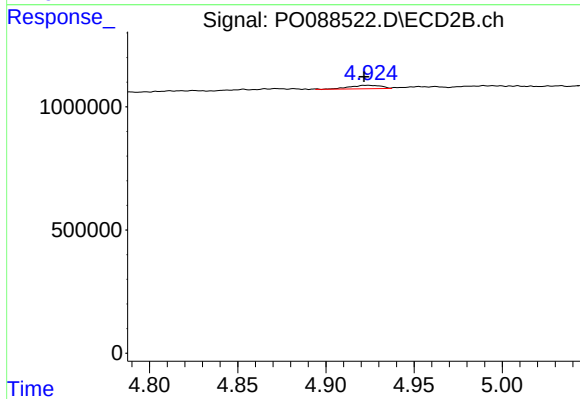
#21 AR-1248-1

R.T.: 4.691 min
Delta R.T.: 0.005 min
Response: 429334
Conc: 18.74 ng/ml



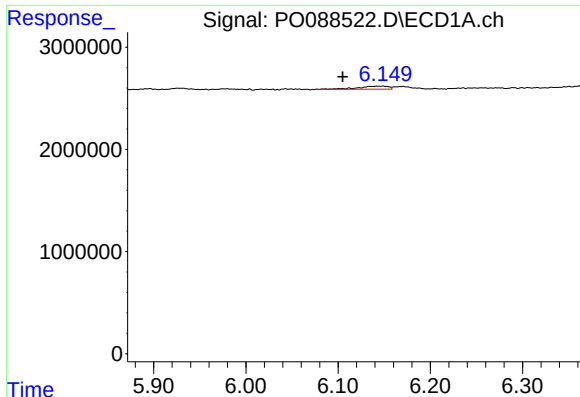
#22 AR-1248-2

R.T.: 5.895 min
Delta R.T.: -0.004 min
Response: 428640
Conc: 5.52 ng/ml



#22 AR-1248-2

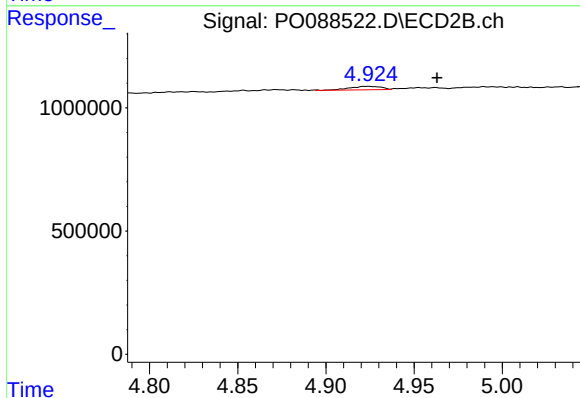
R.T.: 4.923 min
Delta R.T.: 0.002 min
Response: 178150
Conc: 5.28 ng/ml



#23 AR-1248-3

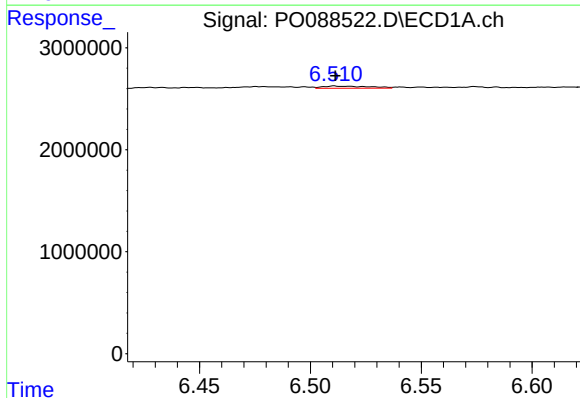
R.T.: 6.148 min
Delta R.T.: 0.043 min
Response: 663803
Conc: 7.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



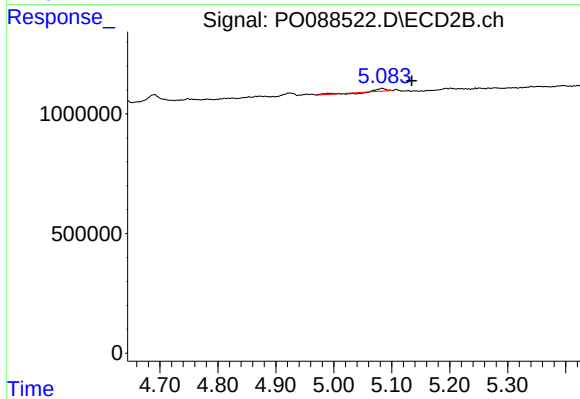
#23 AR-1248-3

R.T.: 4.923 min
Delta R.T.: -0.040 min
Response: 178150
Conc: 5.13 ng/ml



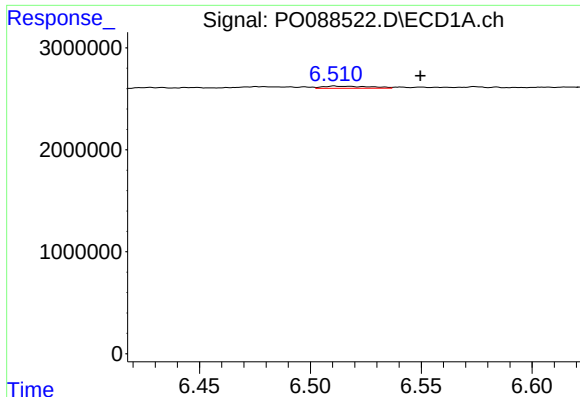
#24 AR-1248-4

R.T.: 6.511 min
Delta R.T.: 0.000 min
Response: 330657
Conc: 3.60 ng/ml



#24 AR-1248-4

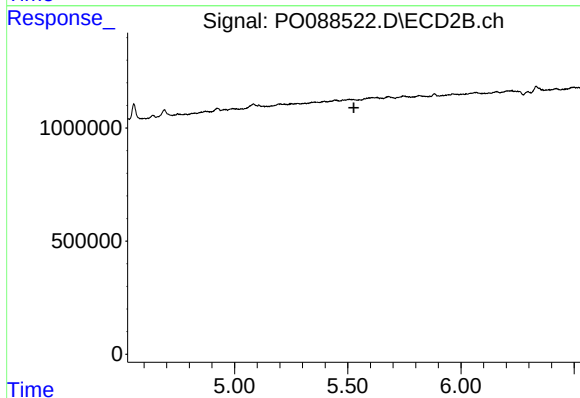
R.T.: 5.083 min
Delta R.T.: -0.051 min
Response: 120916
Conc: 2.89 ng/ml



#25 AR-1248-5

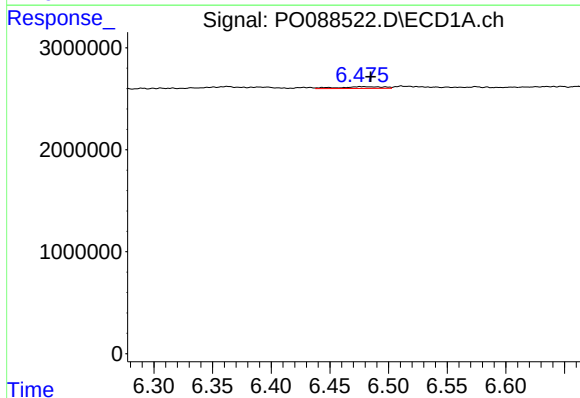
R.T.: 6.511 min
Delta R.T.: -0.038 min
Response: 330657
Conc: 3.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



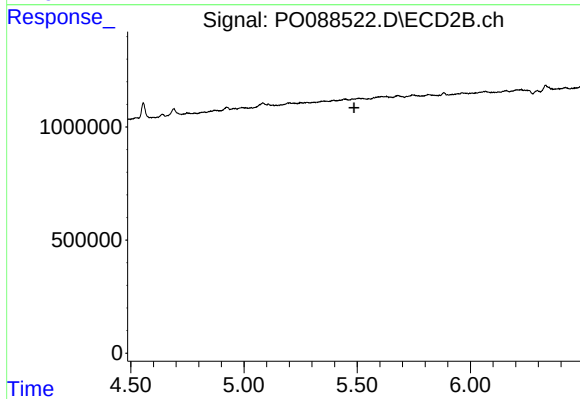
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.527 min
Response: 0
Conc: N.D.



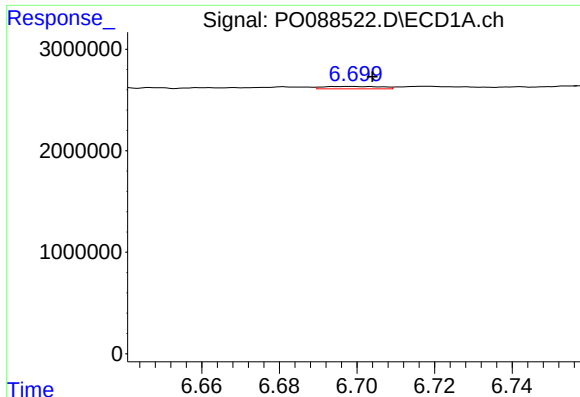
#26 AR-1254-1

R.T.: 6.477 min
Delta R.T.: -0.007 min
Response: 479232
Conc: 5.05 ng/ml



#26 AR-1254-1

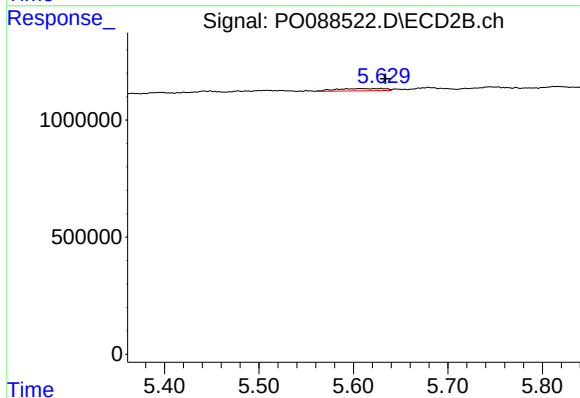
R.T.: 0.000 min
Exp R.T. : 5.486 min
Response: 0
Conc: N.D.



#27 AR-1254-2

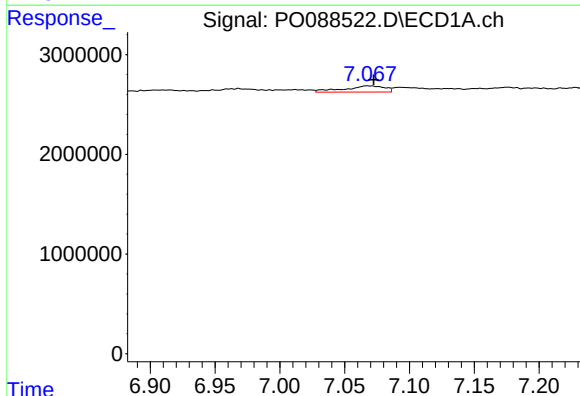
R.T.: 6.698 min
Delta R.T.: -0.006 min
Response: 241725
Conc: 1.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



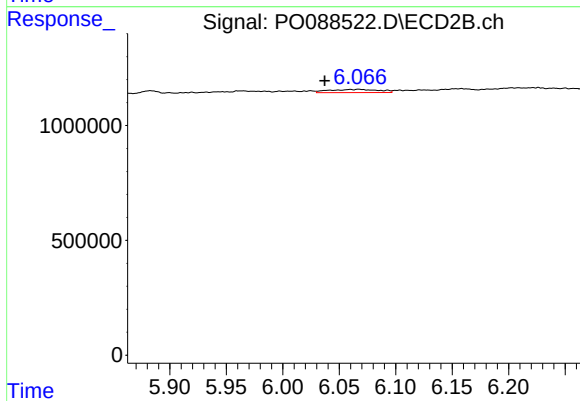
#27 AR-1254-2

R.T.: 5.630 min
Delta R.T.: -0.004 min
Response: 354873
Conc: 6.92 ng/ml



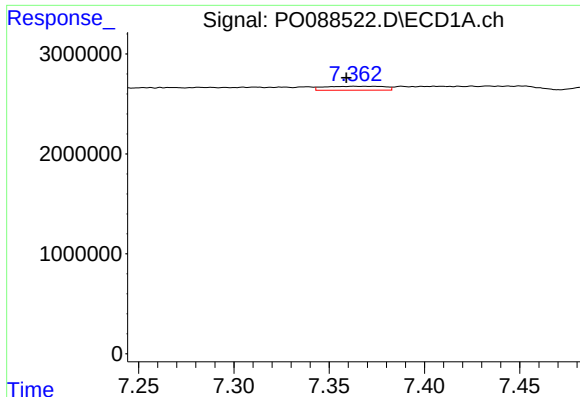
#28 AR-1254-3

R.T.: 7.068 min
Delta R.T.: -0.004 min
Response: 1342746
Conc: 9.17 ng/ml



#28 AR-1254-3

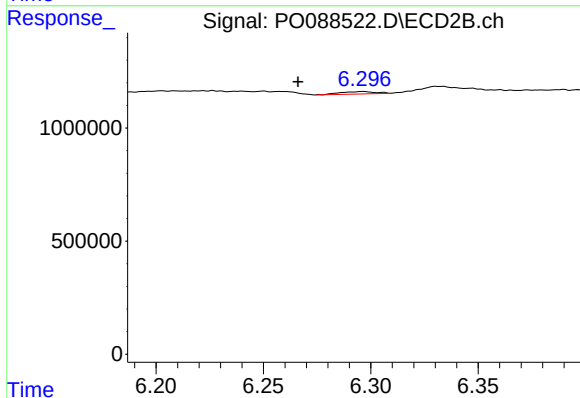
R.T.: 6.067 min
Delta R.T.: 0.030 min
Response: 434925
Conc: 5.36 ng/ml



#29 AR-1254-4

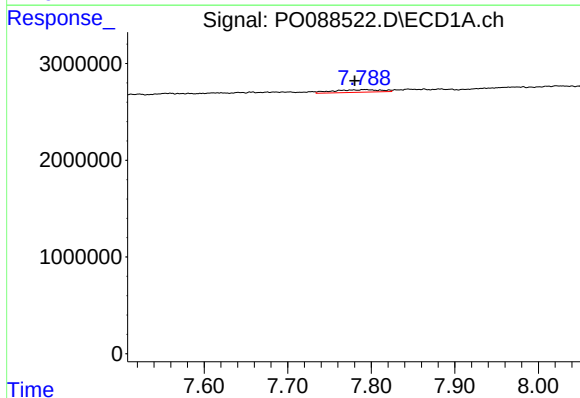
R.T.: 7.363 min
Delta R.T.: 0.004 min
Response: 864291
Conc: 7.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



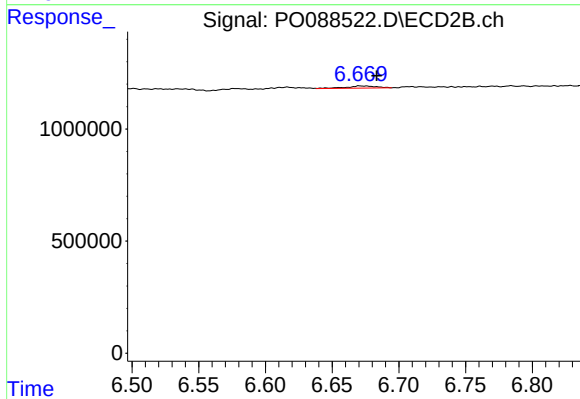
#29 AR-1254-4

R.T.: 6.296 min
Delta R.T.: 0.030 min
Response: 121953
Conc: 2.45 ng/ml



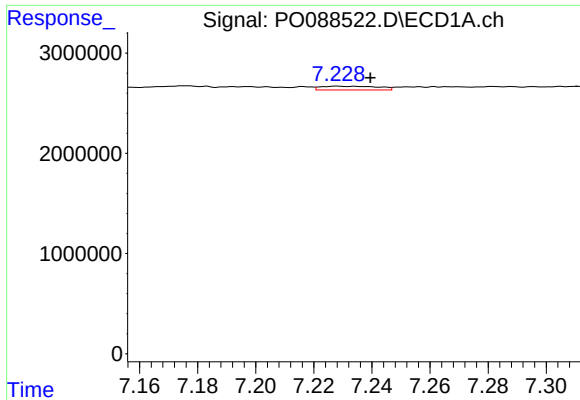
#30 AR-1254-5

R.T.: 7.793 min
Delta R.T.: 0.013 min
Response: 1085381
Conc: 9.02 ng/ml



#30 AR-1254-5

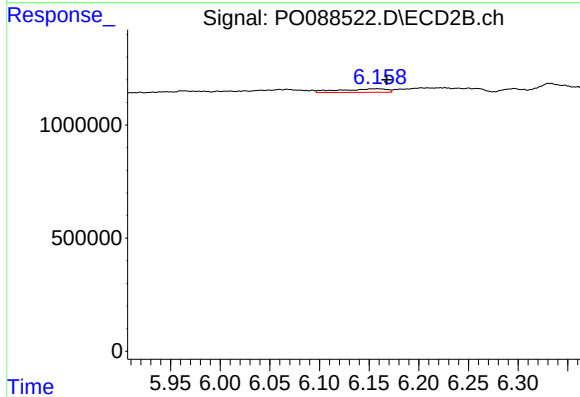
R.T.: 6.676 min
Delta R.T.: -0.008 min
Response: 151692
Conc: 2.01 ng/ml



#31 AR-1260-1

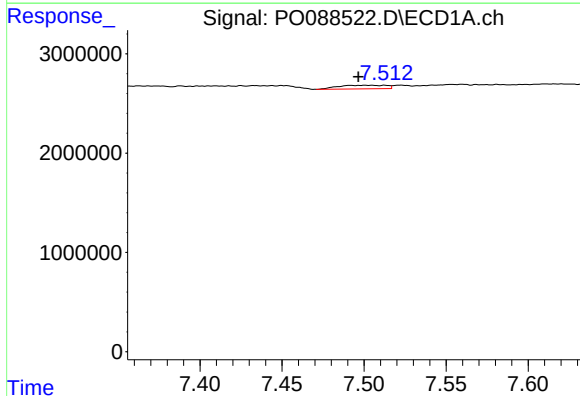
R.T.: 7.228 min
Delta R.T.: -0.011 min
Response: 518998
Conc: 4.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



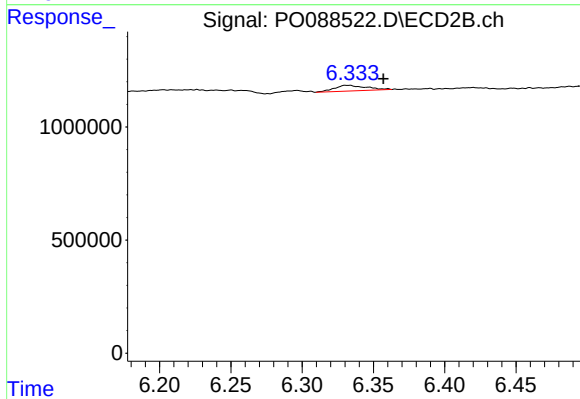
#31 AR-1260-1

R.T.: 6.158 min
Delta R.T.: -0.009 min
Response: 518172
Conc: 9.56 ng/ml



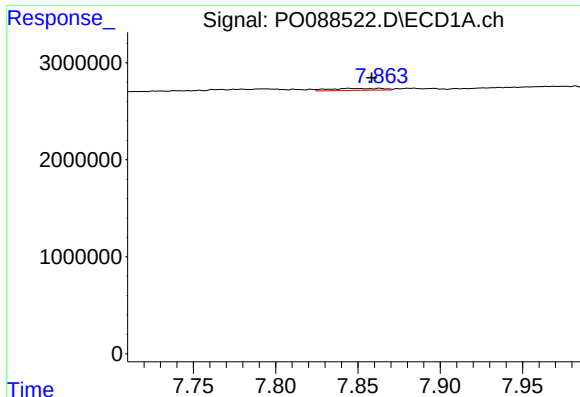
#32 AR-1260-2

R.T.: 7.504 min
Delta R.T.: 0.008 min
Response: 733668
Conc: 5.43 ng/ml



#32 AR-1260-2

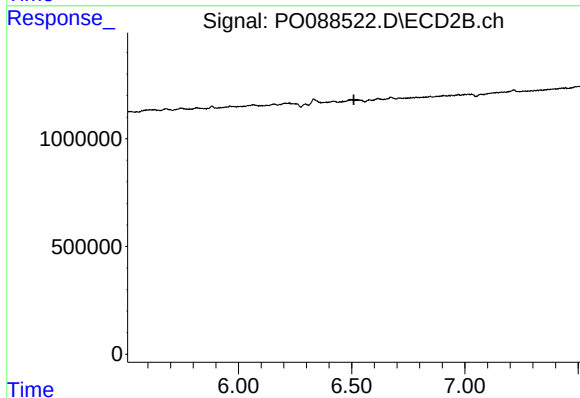
R.T.: 6.332 min
Delta R.T.: -0.025 min
Response: 388825
Conc: 5.99 ng/ml



#33 AR-1260-3

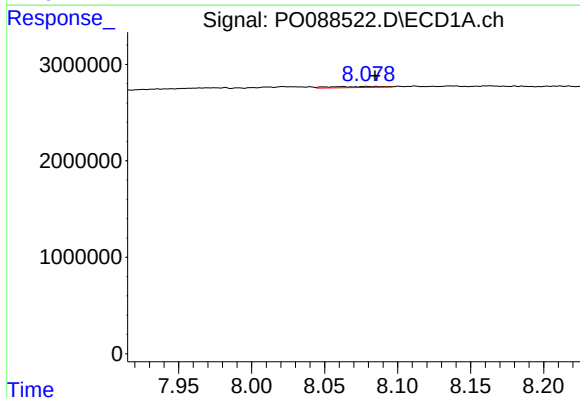
R.T.: 7.844 min
Delta R.T.: -0.014 min
Response: 454134
Conc: 4.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



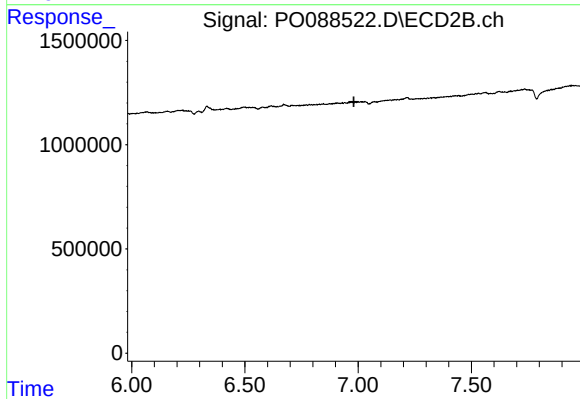
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.509 min
Response: 0
Conc: N.D.



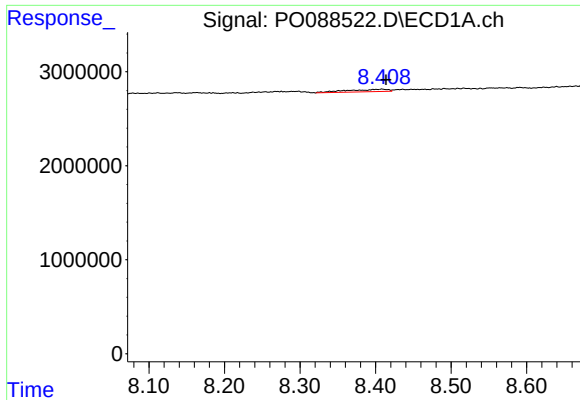
#34 AR-1260-4

R.T.: 8.078 min
Delta R.T.: -0.006 min
Response: 272818
Conc: 2.53 ng/ml



#34 AR-1260-4

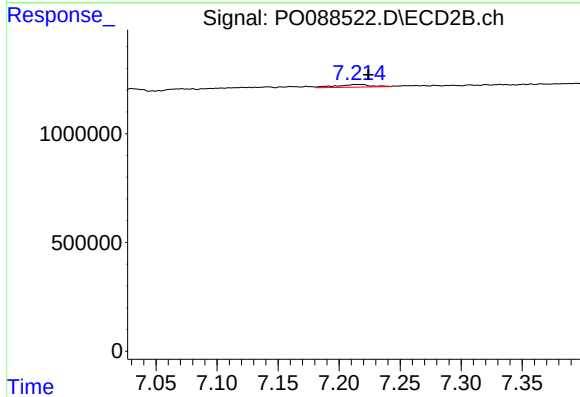
R.T.: 0.000 min
Exp R.T. : 6.981 min
Response: 0
Conc: N.D.



#35 AR-1260-5

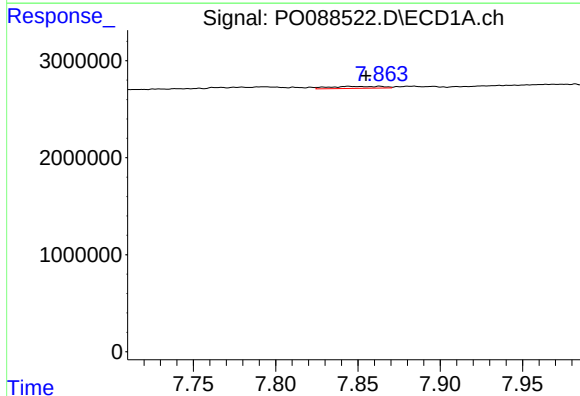
R.T.: 8.409 min
Delta R.T.: -0.005 min
Response: 963583
Conc: 4.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



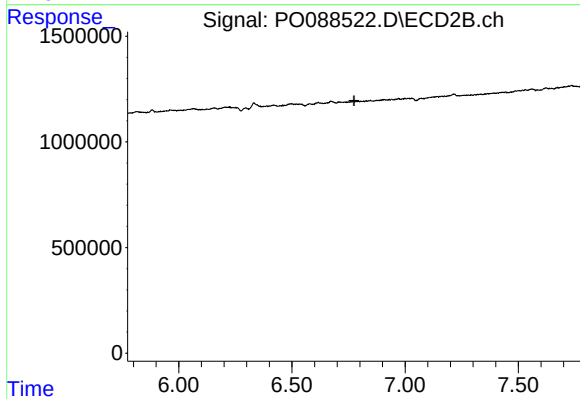
#35 AR-1260-5

R.T.: 7.215 min
Delta R.T.: -0.009 min
Response: 253022
Conc: 2.21 ng/ml



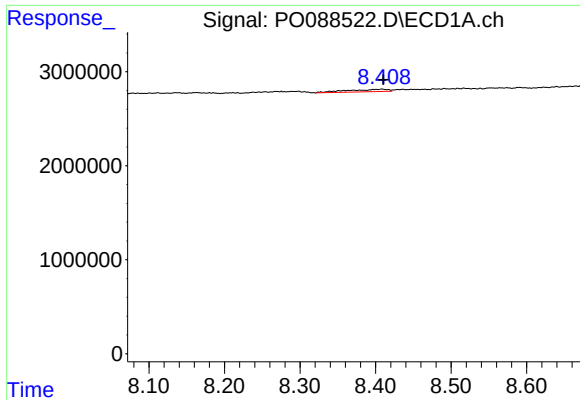
#36 AR-1262-1

R.T.: 7.844 min
Delta R.T.: -0.011 min
Response: 454134
Conc: 3.31 ng/ml



#36 AR-1262-1

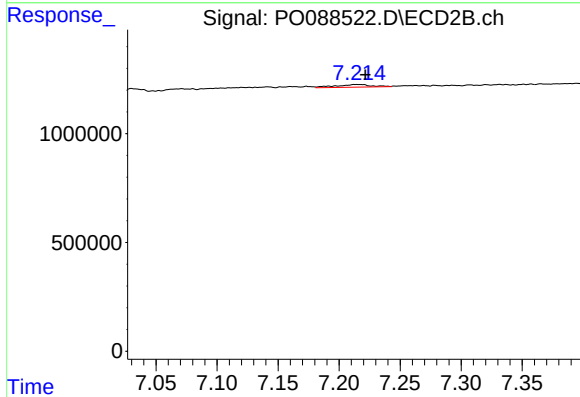
R.T.: 0.000 min
Exp R.T.: 6.774 min
Response: 0
Conc: N.D.



#37 AR-1262-2

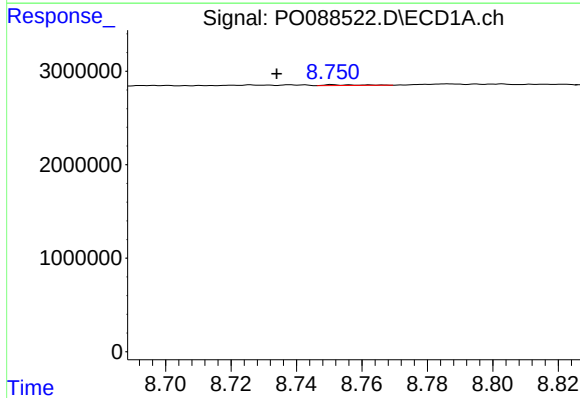
R.T.: 8.409 min
Delta R.T.: -0.002 min
Response: 963583
Conc: 4.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



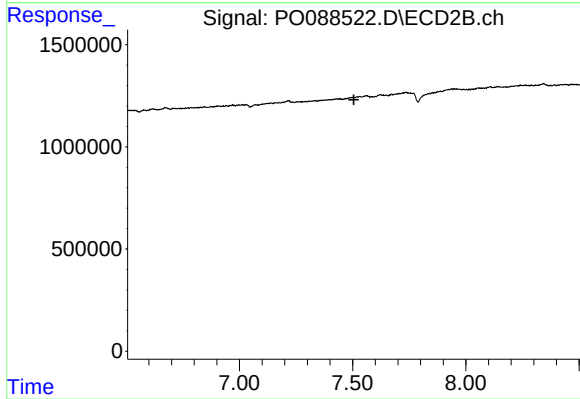
#37 AR-1262-2

R.T.: 7.215 min
Delta R.T.: -0.007 min
Response: 253022
Conc: 1.88 ng/ml



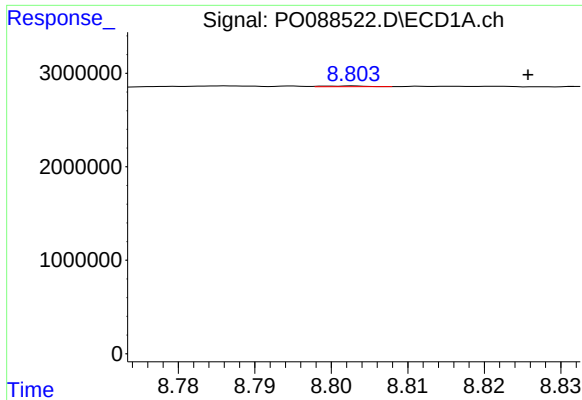
#38 AR-1262-3

R.T.: 8.751 min
Delta R.T.: 0.017 min
Response: 63339
Conc: 0.38 ng/ml



#38 AR-1262-3

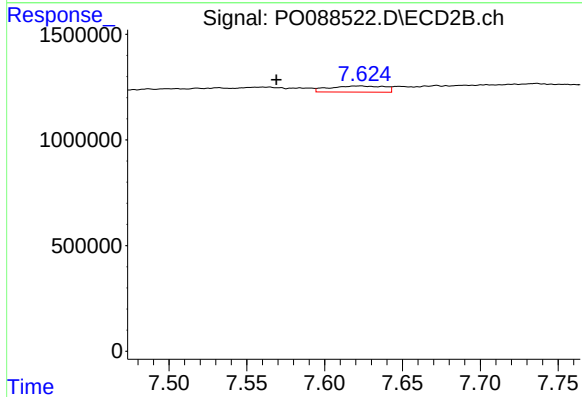
R.T.: 0.000 min
Exp R.T.: 7.505 min
Response: 0
Conc: N.D.



#39 AR-1262-4

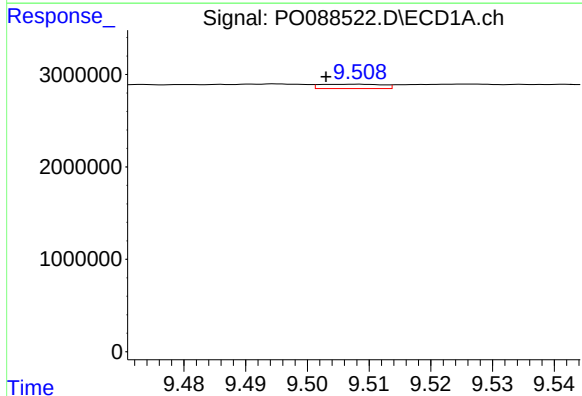
R.T.: 8.802 min
Delta R.T.: -0.023 min
Response: 26513
Conc: 0.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



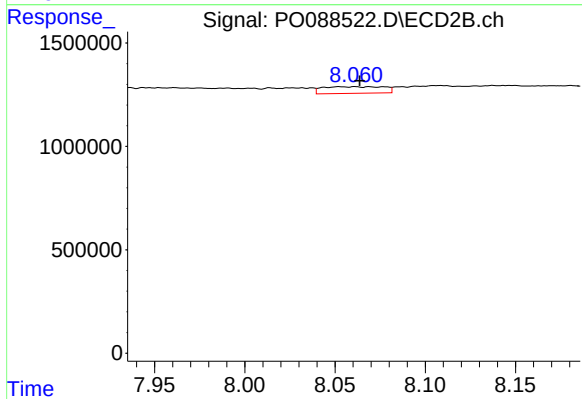
#39 AR-1262-4

R.T.: 7.623 min
Delta R.T.: 0.054 min
Response: 708952
Conc: 7.01 ng/ml



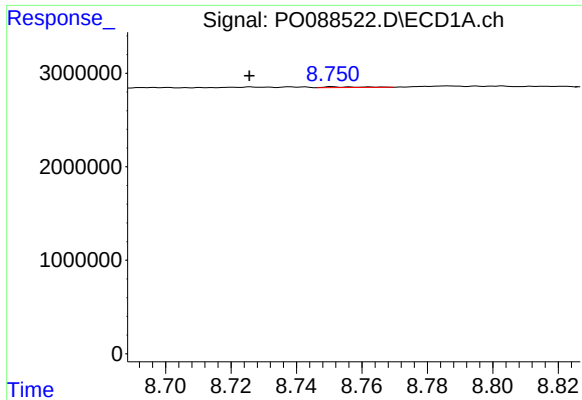
#40 AR-1262-5

R.T.: 9.508 min
Delta R.T.: 0.005 min
Response: 333195
Conc: 3.74 ng/ml



#40 AR-1262-5

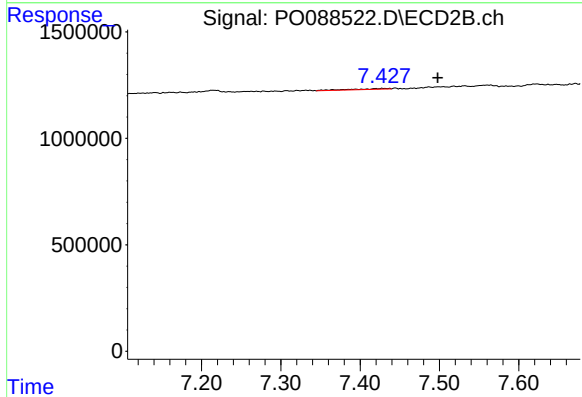
R.T.: 8.052 min
Delta R.T.: -0.011 min
Response: 759260
Conc: 15.46 ng/ml



#41 AR-1268-1

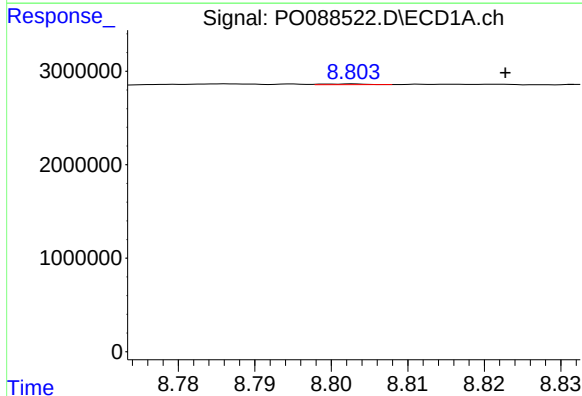
R.T.: 8.751 min
Delta R.T.: 0.025 min
Response: 63339
Conc: 0.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



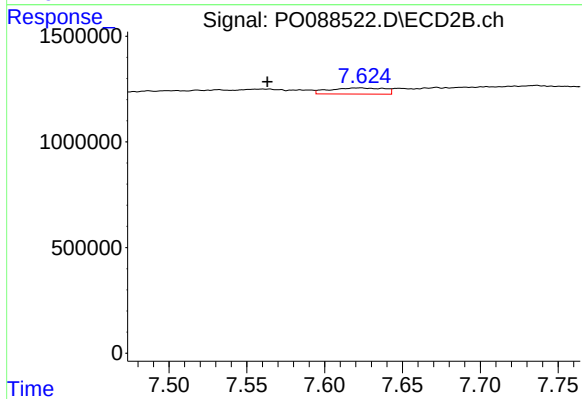
#41 AR-1268-1

R.T.: 7.428 min
Delta R.T.: -0.070 min
Response: 129774
Conc: 0.79 ng/ml



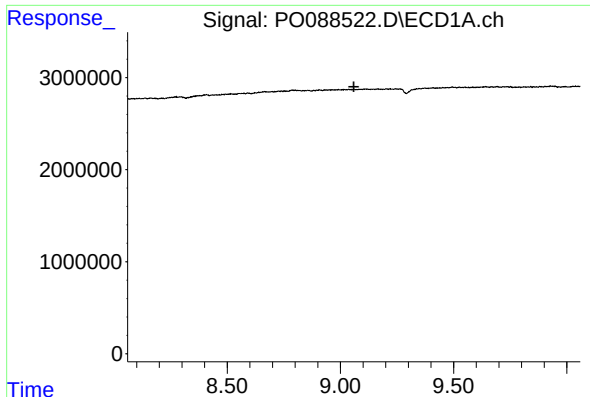
#42 AR-1268-2

R.T.: 8.802 min
Delta R.T.: -0.021 min
Response: 26513
Conc: 0.11 ng/ml



#42 AR-1268-2

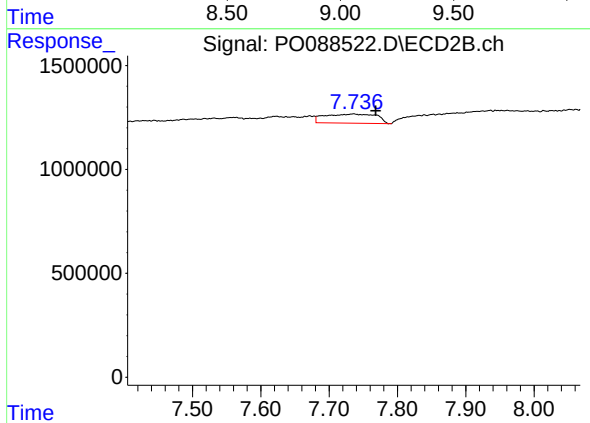
R.T.: 7.623 min
Delta R.T.: 0.059 min
Response: 708952
Conc: 4.73 ng/ml



#43 AR-1268-3

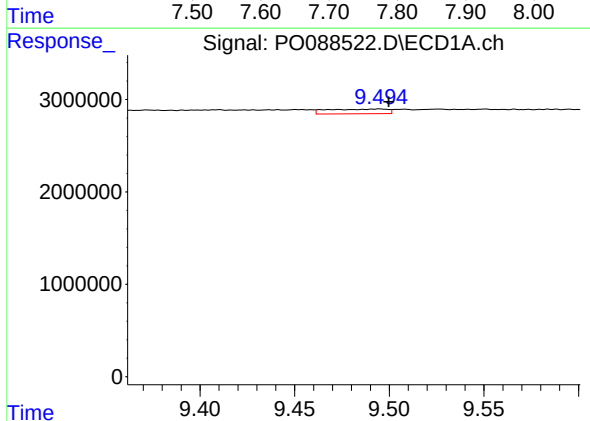
R.T.: 0.000 min
Exp R.T.: 9.059 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



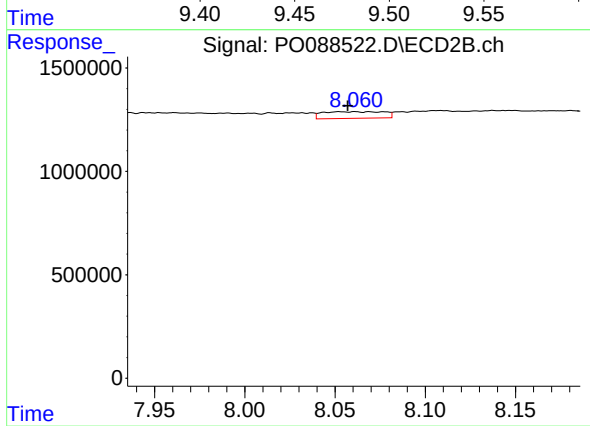
#43 AR-1268-3

R.T.: 7.736 min
Delta R.T.: -0.032 min
Response: 2317656
Conc: 18.35 ng/ml



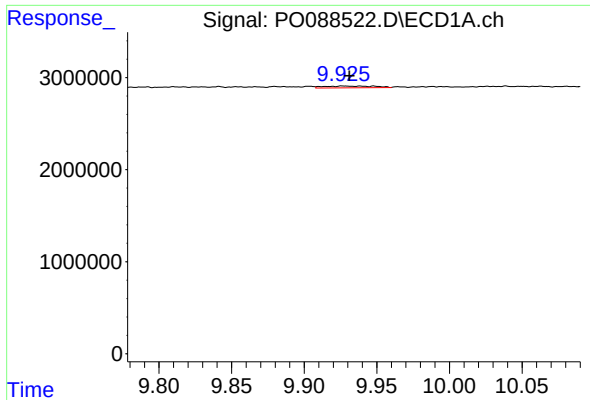
#44 AR-1268-4

R.T.: 9.495 min
Delta R.T.: -0.005 min
Response: 1126054
Conc: 12.25 ng/ml



#44 AR-1268-4

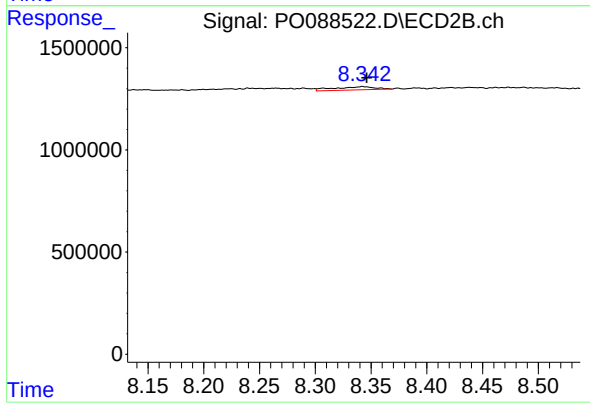
R.T.: 8.052 min
Delta R.T.: -0.005 min
Response: 759260
Conc: 14.41 ng/ml



#45 AR-1268-5

R.T.: 9.927 min
Delta R.T.: -0.005 min
Response: 466517
Conc: 0.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.342 min
Delta R.T.: -0.004 min
Response: 396021
Conc: 1.03 ng/ml