

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022624\
 Data File : P0102088.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2024 19:10
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 I.BLK

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 27 00:11:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022324.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sun Feb 25 11:24:58 2024
 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...	4.278	3.391	79809368	53036895	17.209	16.322
2)	SA Decachlor...	9.830	8.267	53526462	33368432	21.020	16.129
Target Compounds							
3)	L1 AR-1016-1	5.430	4.443	61764	148369	0.479	1.617 #
4)	L1 AR-1016-2	5.457	4.466	91536	90239	0.479	0.673 #
5)	L1 AR-1016-3	5.500	4.640	276918	142756	2.243	1.936
6)	L1 AR-1016-4	5.603	4.683	88853	130938	0.906	2.078 #
7)	L1 AR-1016-5	5.905	4.885	110403	255848	1.139	3.249 #
8)	L2 AR-1221-1	4.486	3.598	101633	54185	2.074	1.539 #
9)	L2 AR-1221-2	4.580	3.682	1952928	716117	54.018	27.619 #
10)	L2 AR-1221-3	4.642	3.756	175672	-41051	1.638	N.D. #
11)	L3 AR-1232-1	4.642	3.756	175672	-41051	1.815	N.D. #
12)	L3 AR-1232-2	5.176	4.466	157122	90239	2.894	1.361 #
13)	L3 AR-1232-3	5.442	4.640	55370	142756	0.600	3.997 #
14)	L3 AR-1232-4	5.603	4.717	88853	147557	1.896	4.285 #
15)	L3 AR-1232-5	5.696	4.885	302750	255848	8.581	7.104
16)	L4 AR-1242-1	5.430	4.443	61764	148369	0.629	2.101 #
17)	L4 AR-1242-2	5.457	4.466	91536	90239	0.630	0.889 #
18)	L4 AR-1242-3	5.523	4.640	68874	142756	0.744	2.541 #
19)	L4 AR-1242-4	5.603	4.717	88853	147557	1.204	2.467 #
20)	L4 AR-1242-5	6.337	5.221	60715	248313	0.867	3.762 #
21)	L5 AR-1248-1	5.430	4.443	61764	148369	0.826	2.691 #
22)	L5 AR-1248-2	5.696	4.683	302750	130938	2.610	1.560 #
23)	L5 AR-1248-3	5.905	4.717	110403	147557	0.906	1.681 #
24)	L5 AR-1248-4	6.300	4.885	43055	255848	0.357	2.540 #
25)	L5 AR-1248-5	6.337	5.272	60715	67857	0.509	0.776 #
26)	L6 AR-1254-1	6.265	5.221	187010	248313	1.392	1.706
27)	L6 AR-1254-2	6.511	5.377	288215	277208	1.462	2.149 #
28)	L6 AR-1254-3	6.852	5.783	812018	108828	4.188	0.557 #
29)	L6 AR-1254-4	7.119	6.003	16316	168170	0.132	1.562 #
30)	L6 AR-1254-5	7.561	6.425	143898	176433	1.025	1.079
31)	L7 AR-1260-1	7.012	5.908	106882	26157	0.658	0.177 #
32)	L7 AR-1260-2	7.259	6.075	107036	584519	0.600	3.405 #
33)	L7 AR-1260-3	7.600	6.251	210671	997386	1.619	6.033 #
34)	L7 AR-1260-4	7.780f	6.714	9593	146002	0.068	1.144 #
35)	L7 AR-1260-5	8.141	6.913	230827	102560	0.874	0.375 #
36)	L8 AR-1262-1	7.561	6.425	143898	176433	1.004	1.611 #
37)	L8 AR-1262-2	8.141	6.714	230827	146002	0.658	0.758
38)	L8 AR-1262-3	8.438	7.232	46363	272072	0.196	1.841 #
39)	L8 AR-1262-4	8.523	7.312	112120	91621	0.614	0.346 #
40)	L8 AR-1262-5	9.143	7.805	1713264	75959	14.660	0.682 #
41)	L9 AR-1268-1	8.438	7.232	46363	272072	0.132	0.767 #

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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Feb 2024 19:10
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

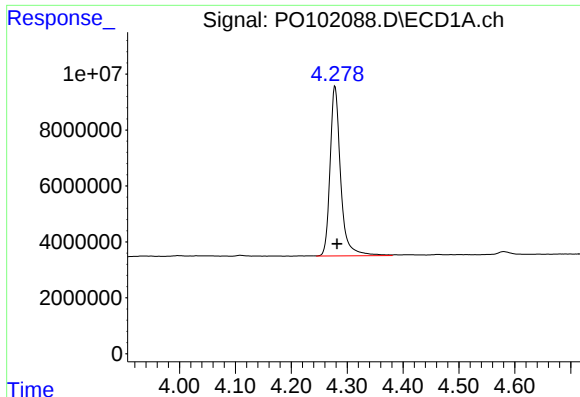
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 27 00:11:56 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022324.M
Quant Title : GC EXTRACTABLES
QLast Update : Sun Feb 25 11:24:58 2024
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
42)	L9 AR-1268-2	8.523	7.281	112120	64168	0.354	0.198 #
43)	L9 AR-1268-3	8.752	7.494	390645	191039	1.381	0.697 #
44)	L9 AR-1268-4	9.143	8.043	1713264	785996	16.259	1.016 #
45)	L9 AR-1268-5	9.523	8.267	3138260	33368432	3.545	91.990 #

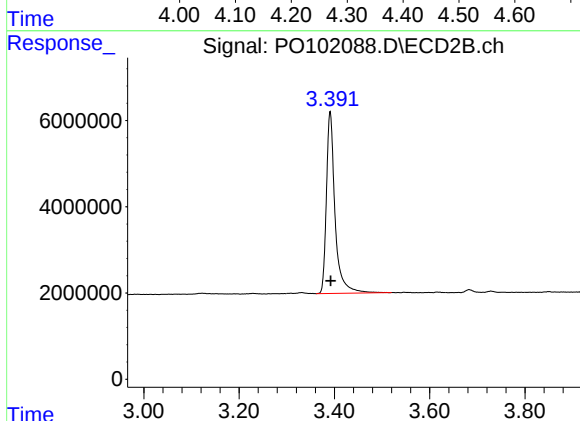
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

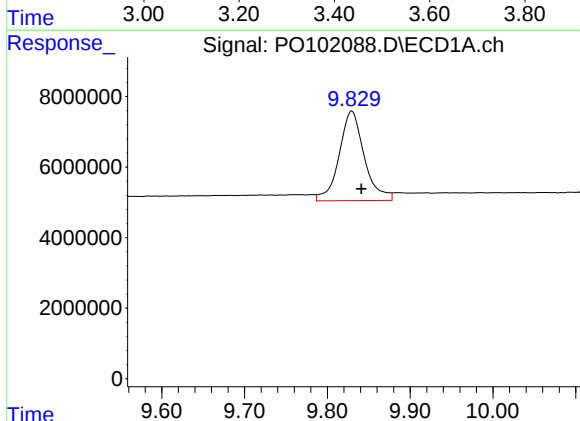
R.T.: 4.278 min
Delta R.T.: -0.004 min
Response: 79809368
Conc: 17.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



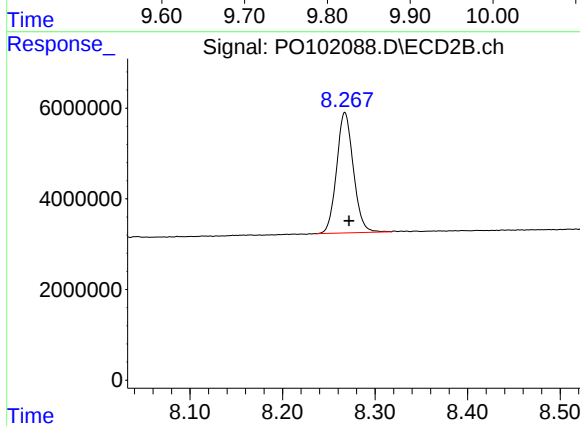
#1 Tetrachloro-m-xylene

R.T.: 3.391 min
Delta R.T.: -0.001 min
Response: 53036895
Conc: 16.32 ng/ml



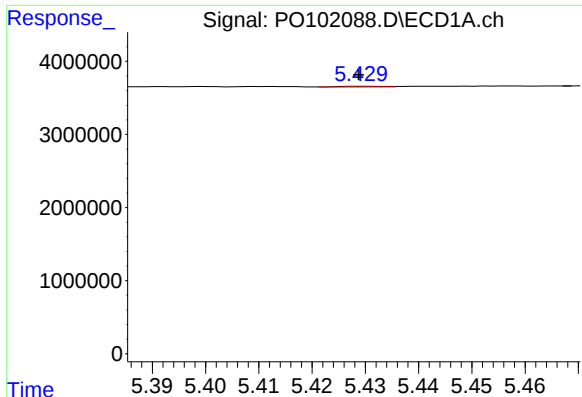
#2 Decachlorobiphenyl

R.T.: 9.830 min
Delta R.T.: -0.011 min
Response: 53526462
Conc: 21.02 ng/ml



#2 Decachlorobiphenyl

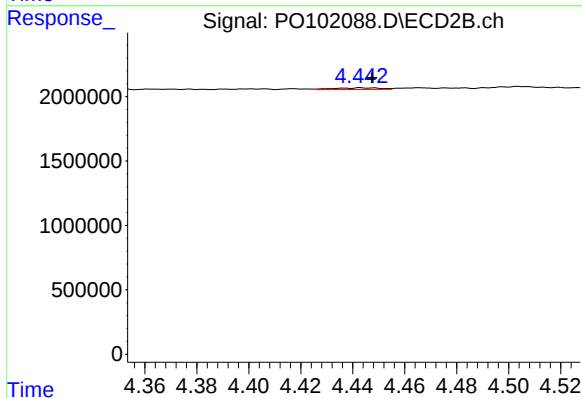
R.T.: 8.267 min
Delta R.T.: -0.005 min
Response: 33368432
Conc: 16.13 ng/ml



#3 AR-1016-1

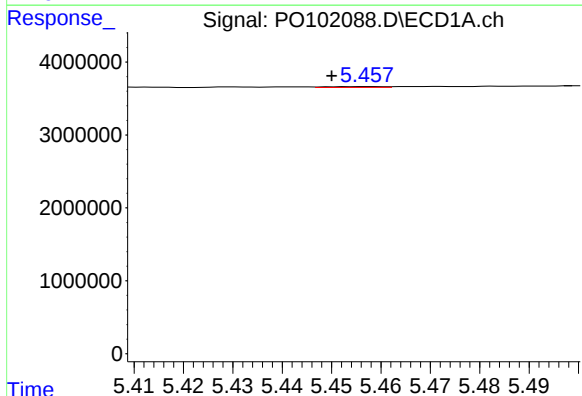
R.T.: 5.430 min
Delta R.T.: 0.001 min
Response: 61764
Conc: 0.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



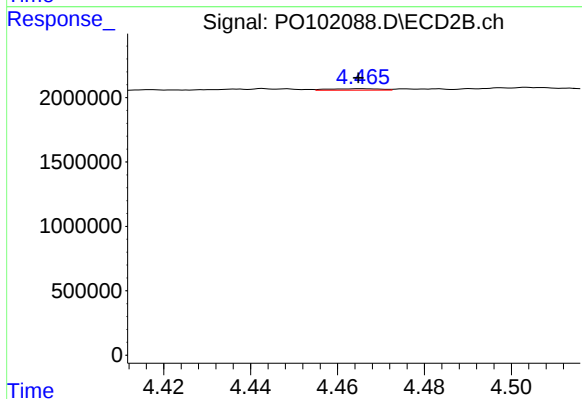
#3 AR-1016-1

R.T.: 4.443 min
Delta R.T.: -0.004 min
Response: 148369
Conc: 1.62 ng/ml



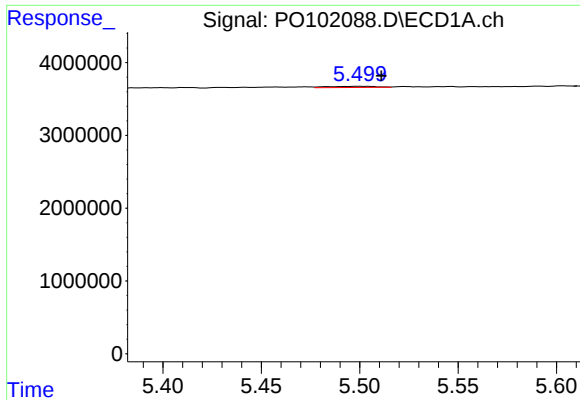
#4 AR-1016-2

R.T.: 5.457 min
Delta R.T.: 0.007 min
Response: 91536
Conc: 0.48 ng/ml



#4 AR-1016-2

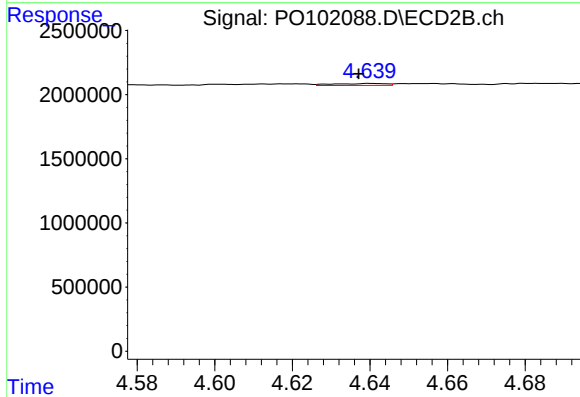
R.T.: 4.466 min
Delta R.T.: 0.000 min
Response: 90239
Conc: 0.67 ng/ml



#5 AR-1016-3

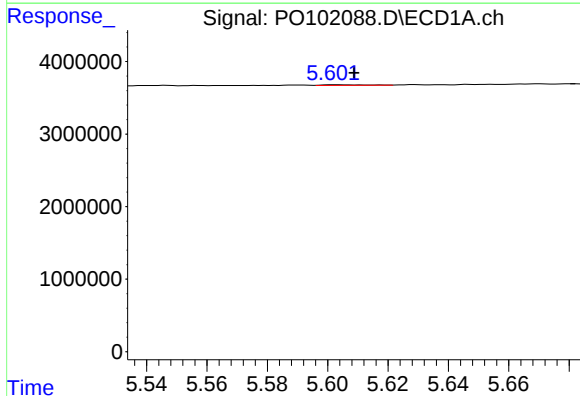
R.T.: 5.500 min
Delta R.T.: -0.011 min
Response: 276918
Conc: 2.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



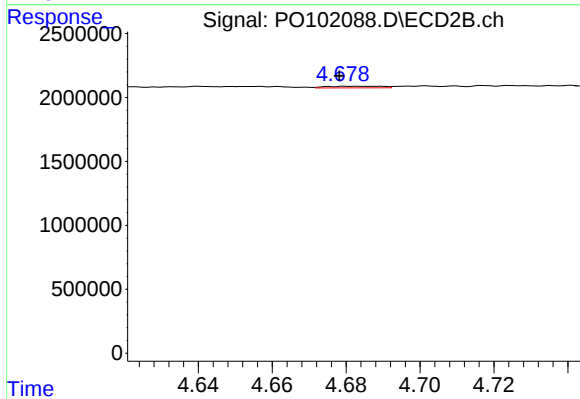
#5 AR-1016-3

R.T.: 4.640 min
Delta R.T.: 0.003 min
Response: 142756
Conc: 1.94 ng/ml



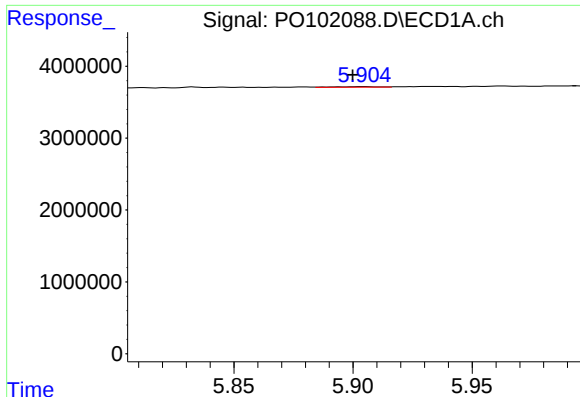
#6 AR-1016-4

R.T.: 5.603 min
Delta R.T.: -0.006 min
Response: 88853
Conc: 0.91 ng/ml



#6 AR-1016-4

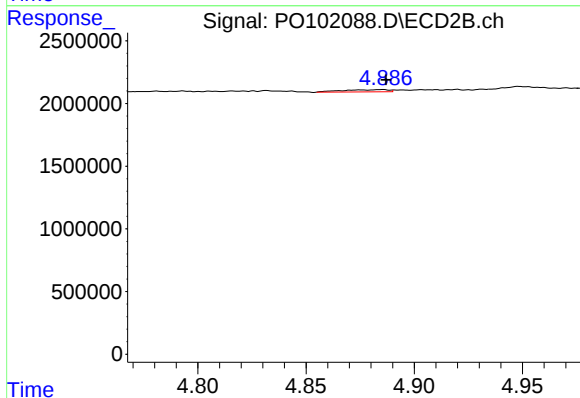
R.T.: 4.683 min
Delta R.T.: 0.005 min
Response: 130938
Conc: 2.08 ng/ml



#7 AR-1016-5

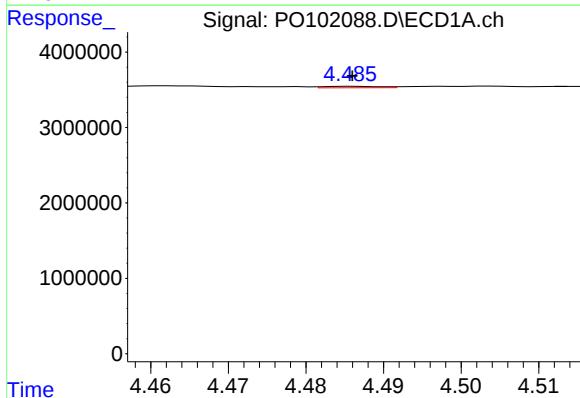
R.T.: 5.905 min
Delta R.T.: 0.005 min
Response: 110403
Conc: 1.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



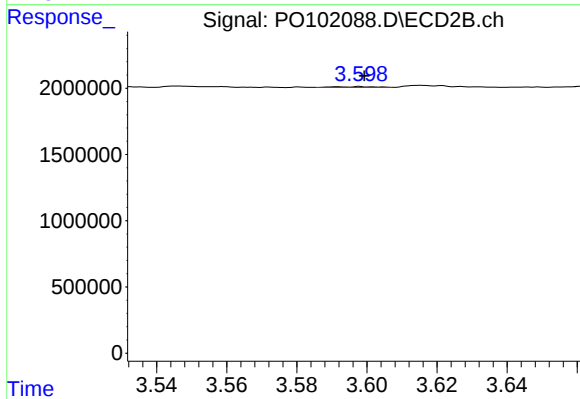
#7 AR-1016-5

R.T.: 4.885 min
Delta R.T.: -0.002 min
Response: 255848
Conc: 3.25 ng/ml



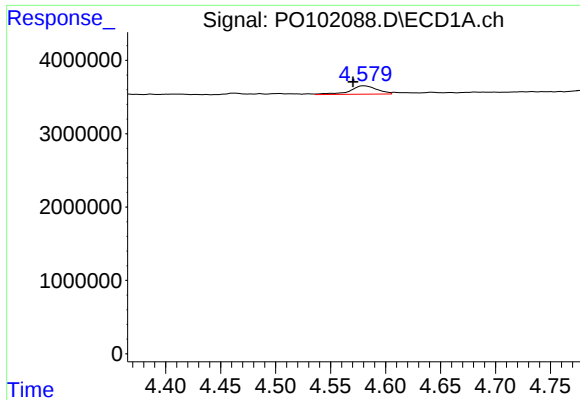
#8 AR-1221-1

R.T.: 4.486 min
Delta R.T.: 0.000 min
Response: 101633
Conc: 2.07 ng/ml



#8 AR-1221-1

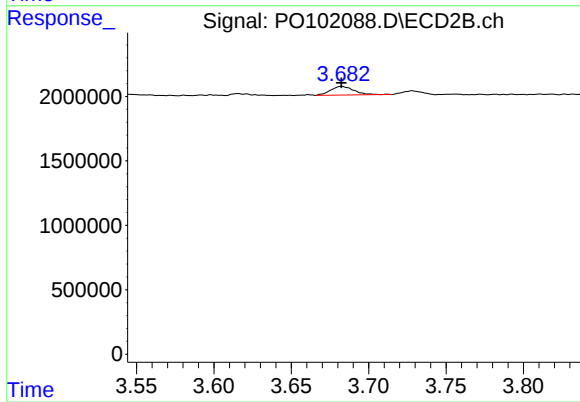
R.T.: 3.598 min
Delta R.T.: -0.001 min
Response: 54185
Conc: 1.54 ng/ml



#9 AR-1221-2

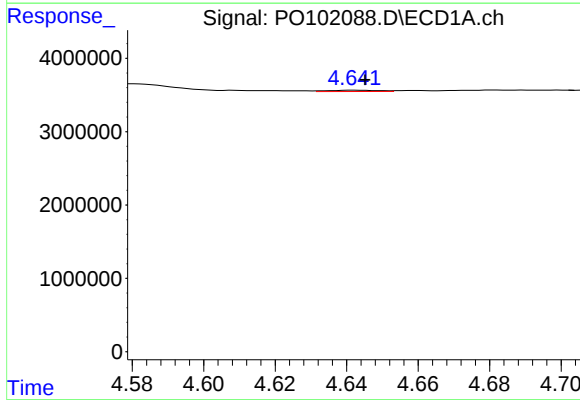
R.T.: 4.580 min
Delta R.T.: 0.010 min
Response: 1952928
Conc: 54.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



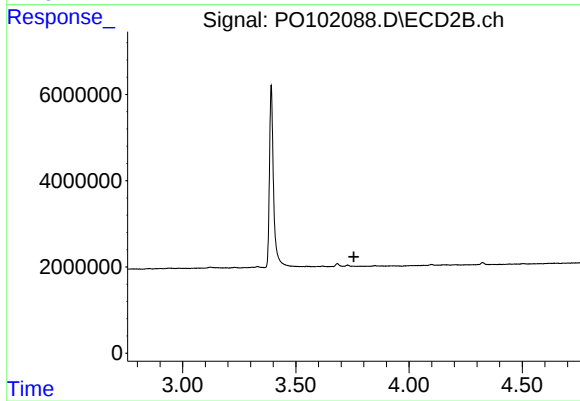
#9 AR-1221-2

R.T.: 3.682 min
Delta R.T.: 0.000 min
Response: 716117
Conc: 27.62 ng/ml



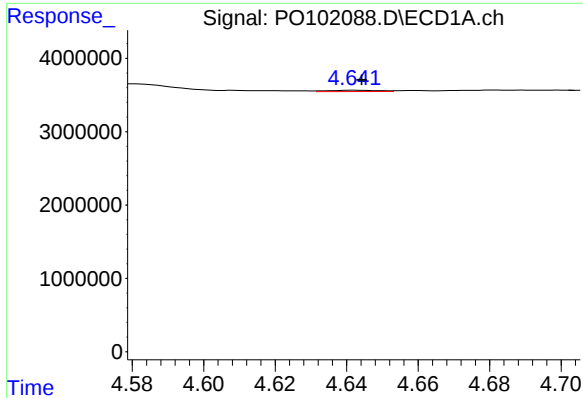
#10 AR-1221-3

R.T.: 4.642 min
Delta R.T.: -0.003 min
Response: 175672
Conc: 1.64 ng/ml



#10 AR-1221-3

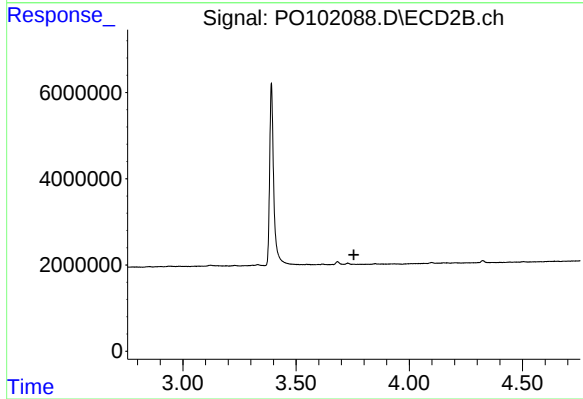
R.T.: 3.756 min
Delta R.T.: 0.000 min
Response: -41051
Conc: N.D.



#11 AR-1232-1

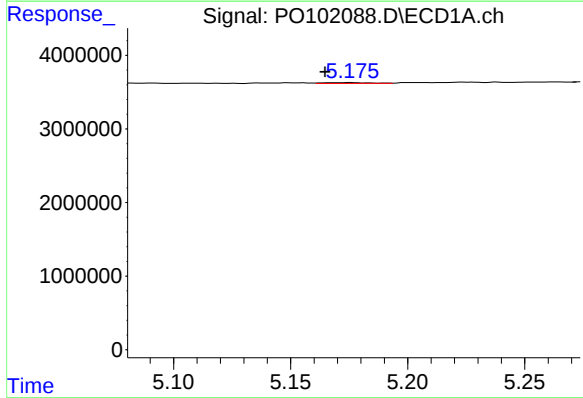
R.T.: 4.642 min
Delta R.T.: -0.002 min
Response: 175672
Conc: 1.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



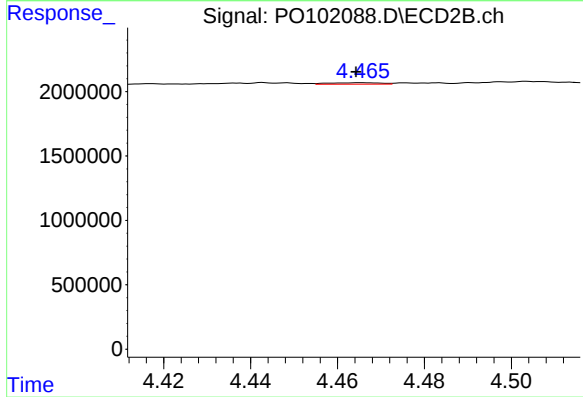
#11 AR-1232-1

R.T.: 3.756 min
Delta R.T.: 0.000 min
Response: -41051
Conc: N.D.



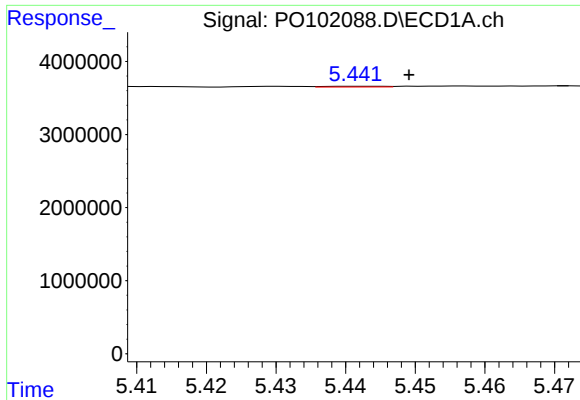
#12 AR-1232-2

R.T.: 5.176 min
Delta R.T.: 0.011 min
Response: 157122
Conc: 2.89 ng/ml



#12 AR-1232-2

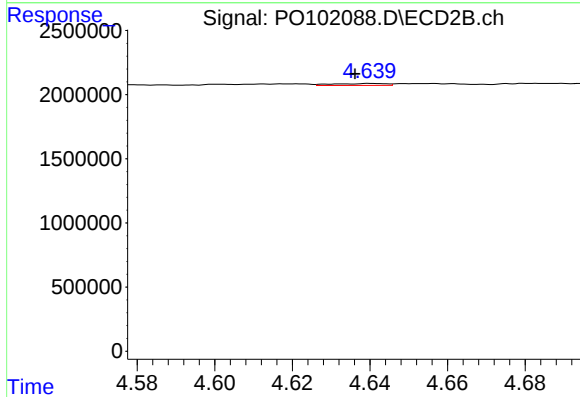
R.T.: 4.466 min
Delta R.T.: 0.001 min
Response: 90239
Conc: 1.36 ng/ml



#13 AR-1232-3

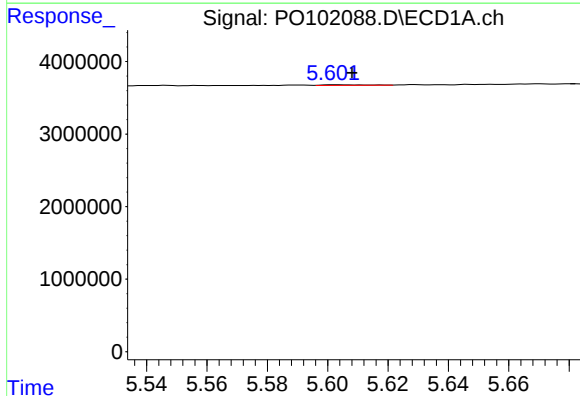
R.T.: 5.442 min
Delta R.T.: -0.007 min
Response: 55370
Conc: 0.60 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



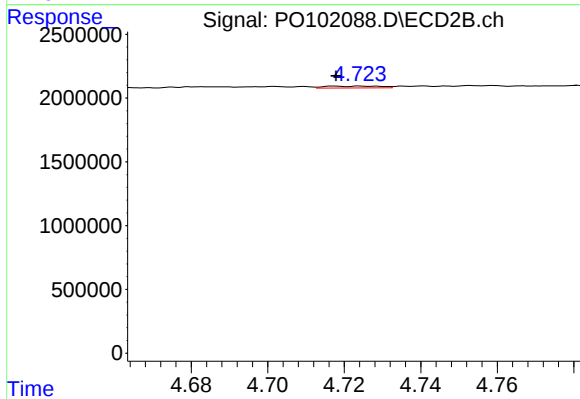
#13 AR-1232-3

R.T.: 4.640 min
Delta R.T.: 0.004 min
Response: 142756
Conc: 4.00 ng/ml



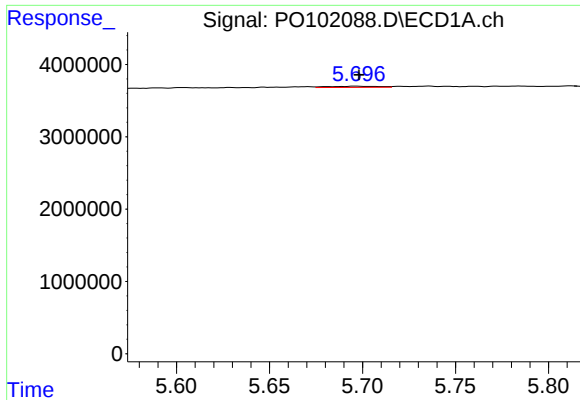
#14 AR-1232-4

R.T.: 5.603 min
Delta R.T.: -0.005 min
Response: 88853
Conc: 1.90 ng/ml



#14 AR-1232-4

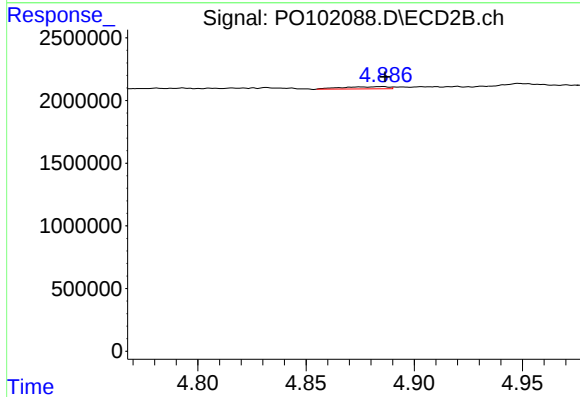
R.T.: 4.717 min
Delta R.T.: 0.000 min
Response: 147557
Conc: 4.29 ng/ml



#15 AR-1232-5

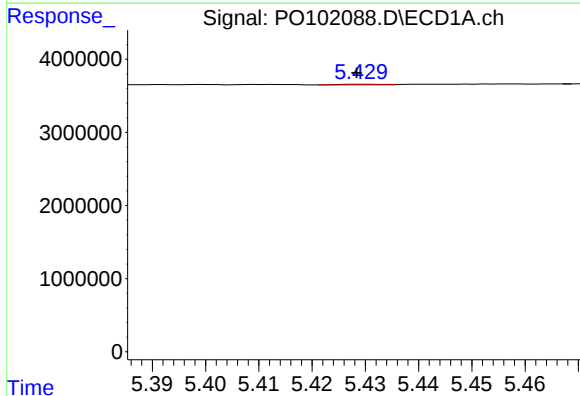
R.T.: 5.696 min
Delta R.T.: -0.002 min
Response: 302750
Conc: 8.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



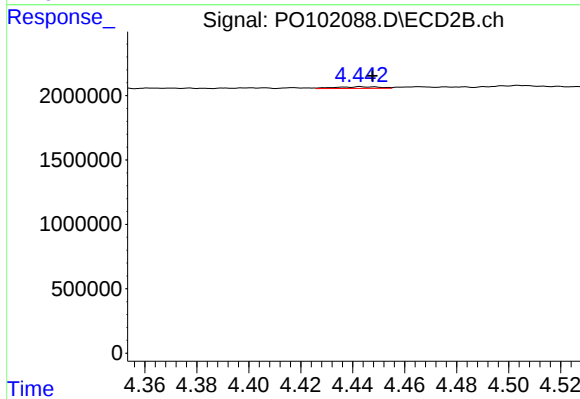
#15 AR-1232-5

R.T.: 4.885 min
Delta R.T.: -0.002 min
Response: 255848
Conc: 7.10 ng/ml



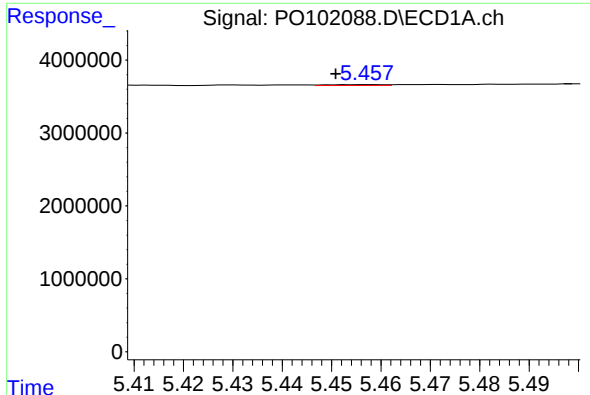
#16 AR-1242-1

R.T.: 5.430 min
Delta R.T.: 0.002 min
Response: 61764
Conc: 0.63 ng/ml



#16 AR-1242-1

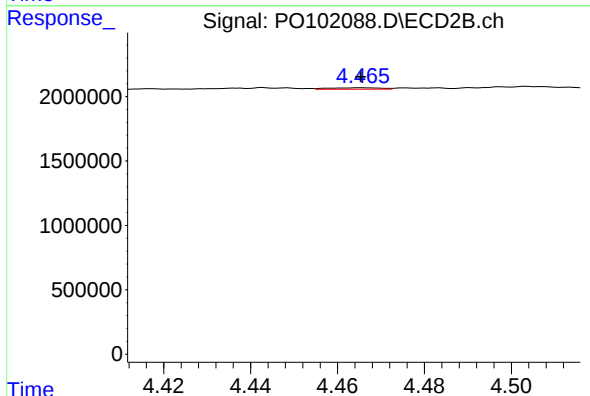
R.T.: 4.443 min
Delta R.T.: -0.004 min
Response: 148369
Conc: 2.10 ng/ml



#17 AR-1242-2

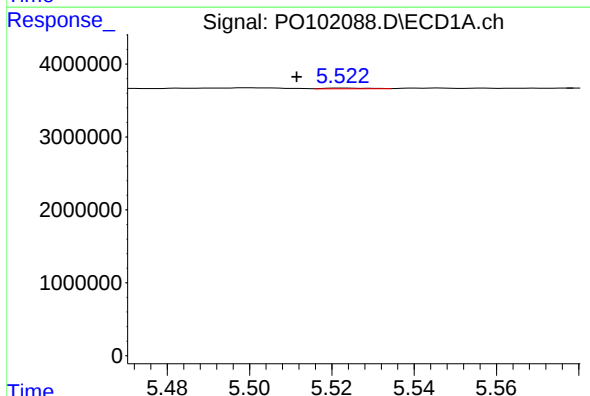
R.T.: 5.457 min
Delta R.T.: 0.006 min
Response: 91536
Conc: 0.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



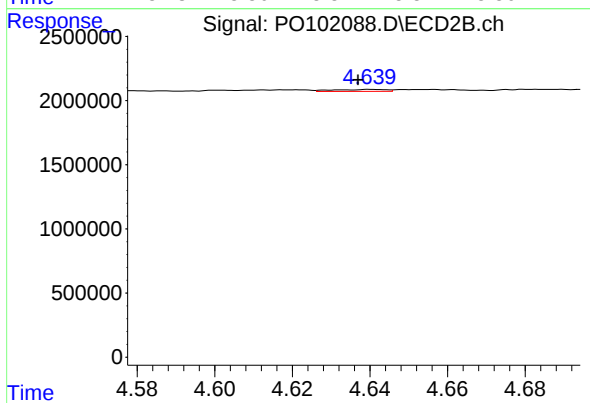
#17 AR-1242-2

R.T.: 4.466 min
Delta R.T.: 0.000 min
Response: 90239
Conc: 0.89 ng/ml



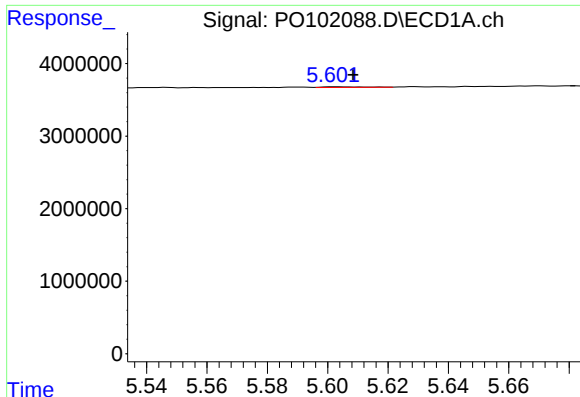
#18 AR-1242-3

R.T.: 5.523 min
Delta R.T.: 0.011 min
Response: 68874
Conc: 0.74 ng/ml



#18 AR-1242-3

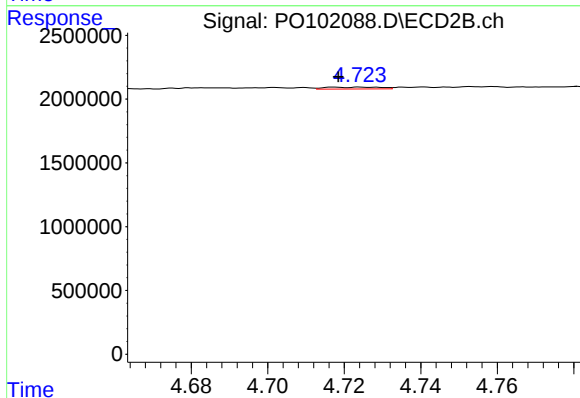
R.T.: 4.640 min
Delta R.T.: 0.003 min
Response: 142756
Conc: 2.54 ng/ml



#19 AR-1242-4

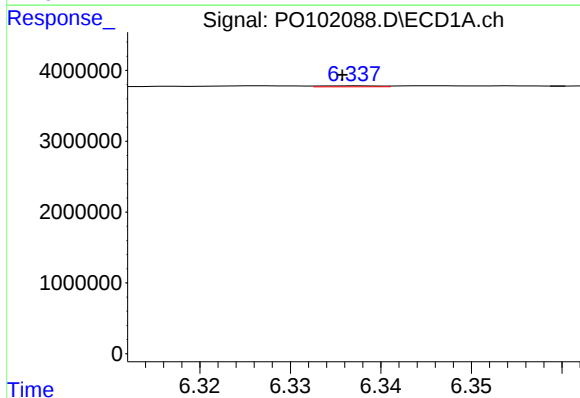
R.T.: 5.603 min
Delta R.T.: -0.006 min
Response: 88853
Conc: 1.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



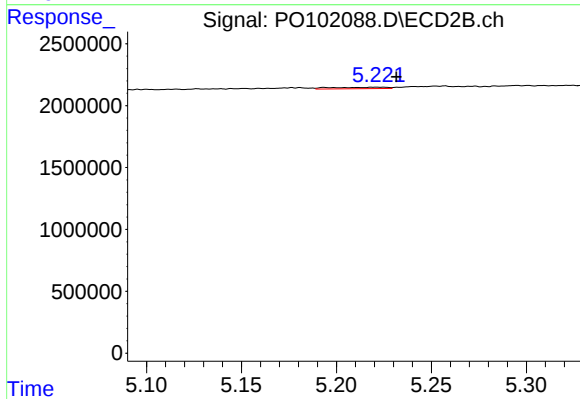
#19 AR-1242-4

R.T.: 4.717 min
Delta R.T.: 0.000 min
Response: 147557
Conc: 2.47 ng/ml



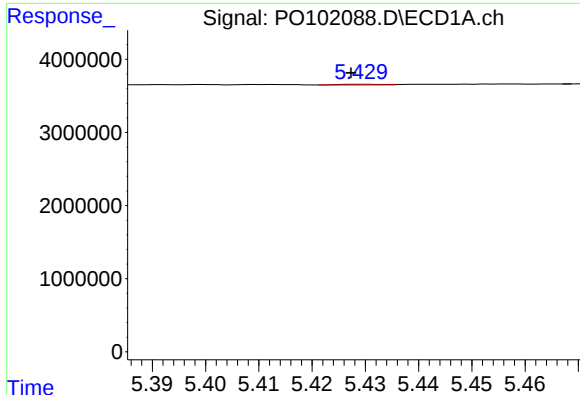
#20 AR-1242-5

R.T.: 6.337 min
Delta R.T.: 0.000 min
Response: 60715
Conc: 0.87 ng/ml



#20 AR-1242-5

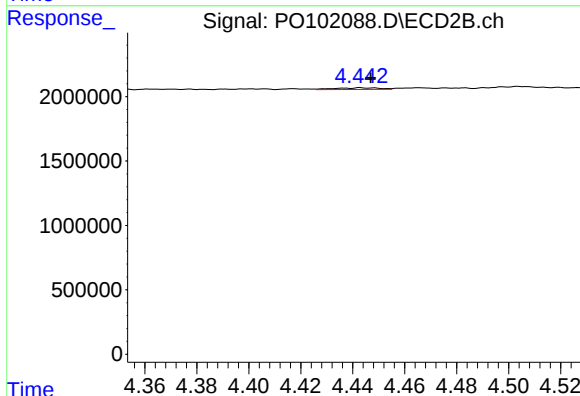
R.T.: 5.221 min
Delta R.T.: -0.011 min
Response: 248313
Conc: 3.76 ng/ml



#21 AR-1248-1

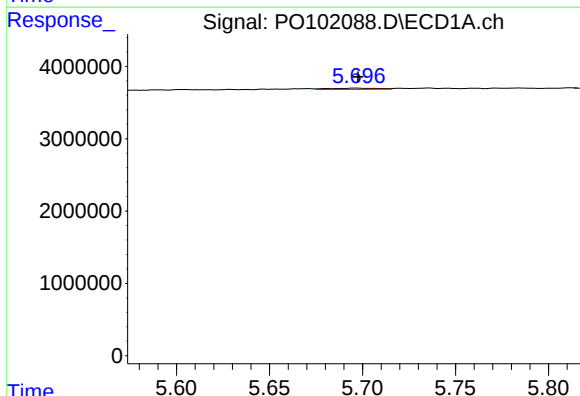
R.T.: 5.430 min
Delta R.T.: 0.003 min
Response: 61764
Conc: 0.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



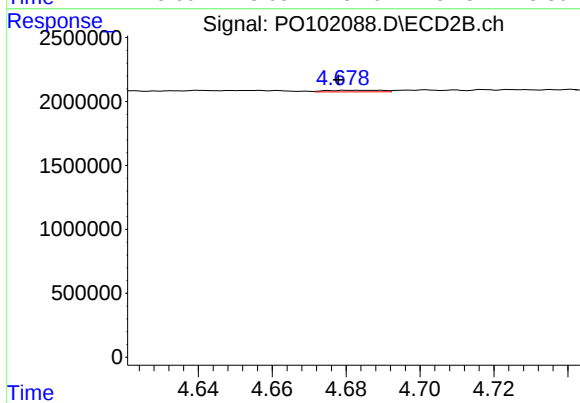
#21 AR-1248-1

R.T.: 4.443 min
Delta R.T.: -0.004 min
Response: 148369
Conc: 2.69 ng/ml



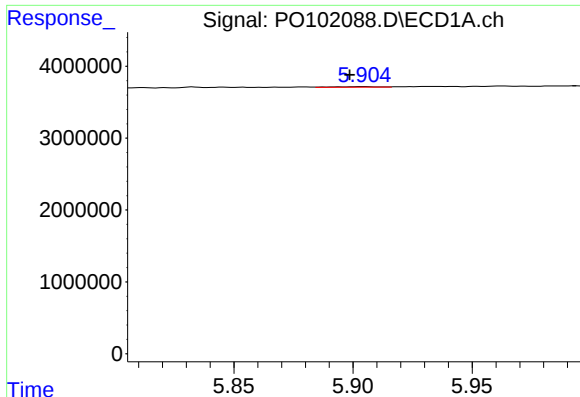
#22 AR-1248-2

R.T.: 5.696 min
Delta R.T.: -0.001 min
Response: 302750
Conc: 2.61 ng/ml



#22 AR-1248-2

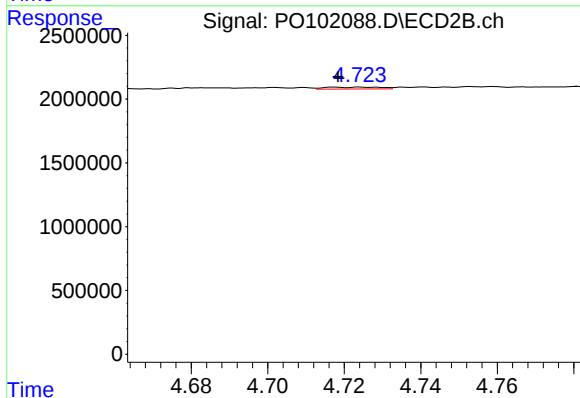
R.T.: 4.683 min
Delta R.T.: 0.005 min
Response: 130938
Conc: 1.56 ng/ml



#23 AR-1248-3

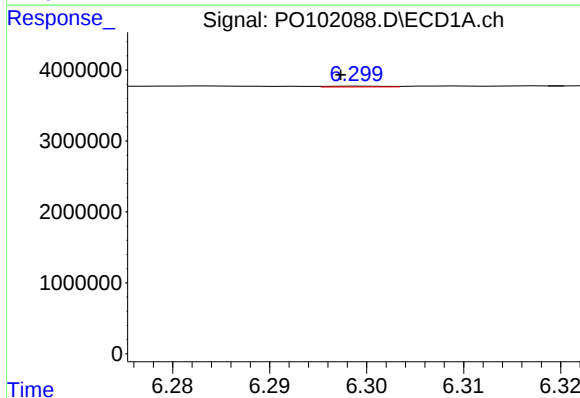
R.T.: 5.905 min
Delta R.T.: 0.006 min
Response: 110403
Conc: 0.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



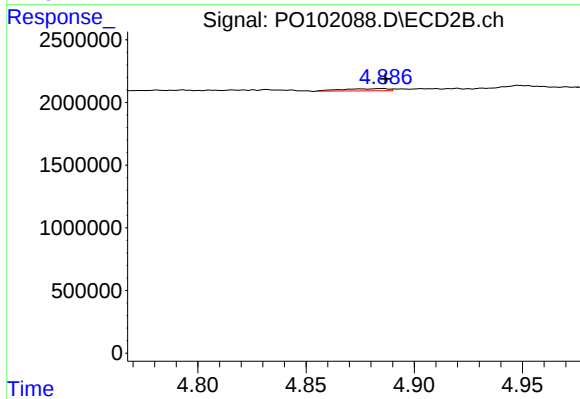
#23 AR-1248-3

R.T.: 4.717 min
Delta R.T.: 0.000 min
Response: 147557
Conc: 1.68 ng/ml



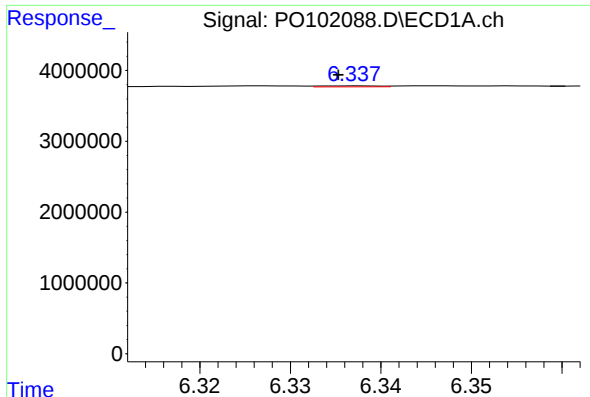
#24 AR-1248-4

R.T.: 6.300 min
Delta R.T.: 0.002 min
Response: 43055
Conc: 0.36 ng/ml



#24 AR-1248-4

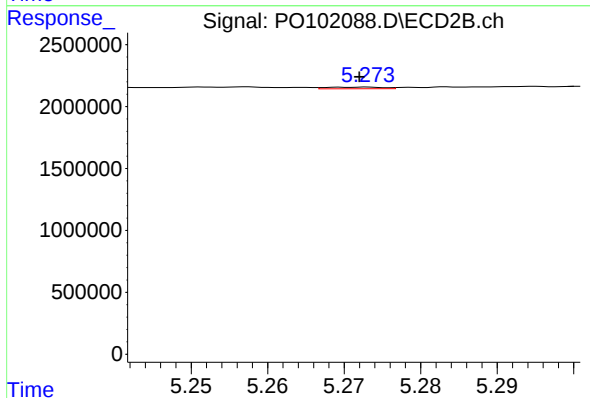
R.T.: 4.885 min
Delta R.T.: -0.002 min
Response: 255848
Conc: 2.54 ng/ml



#25 AR-1248-5

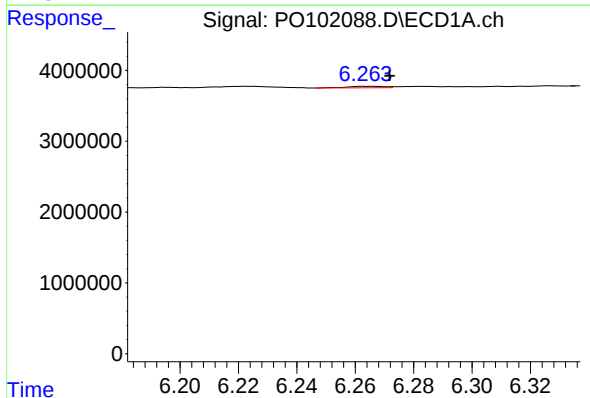
R.T.: 6.337 min
Delta R.T.: 0.001 min
Response: 60715
Conc: 0.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



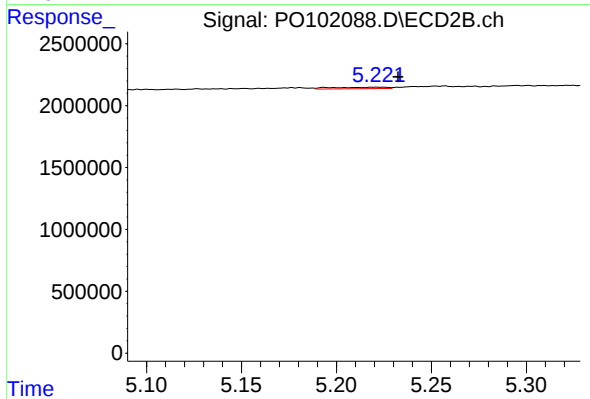
#25 AR-1248-5

R.T.: 5.272 min
Delta R.T.: 0.000 min
Response: 67857
Conc: 0.78 ng/ml



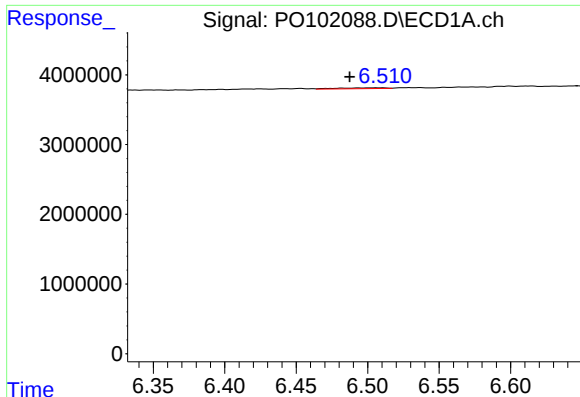
#26 AR-1254-1

R.T.: 6.265 min
Delta R.T.: -0.007 min
Response: 187010
Conc: 1.39 ng/ml



#26 AR-1254-1

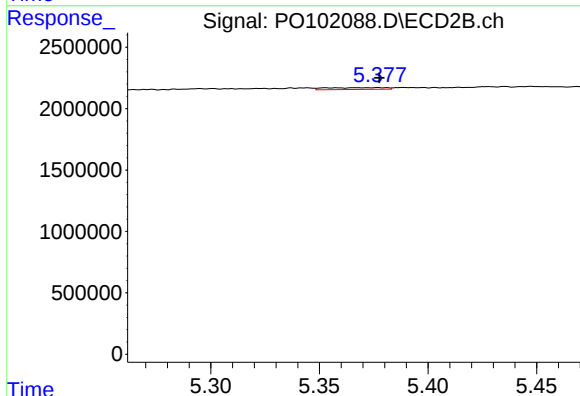
R.T.: 5.221 min
Delta R.T.: -0.012 min
Response: 248313
Conc: 1.71 ng/ml



#27 AR-1254-2

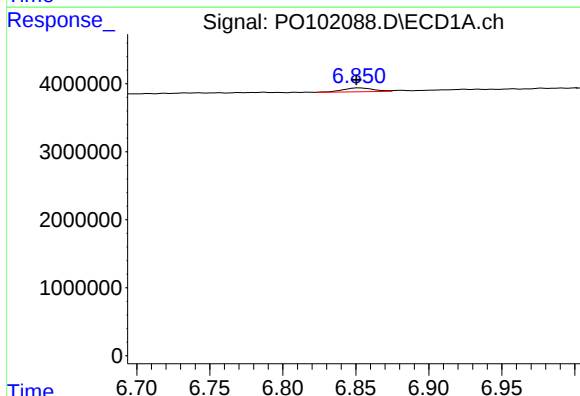
R.T.: 6.511 min
Delta R.T.: 0.024 min
Response: 288215
Conc: 1.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



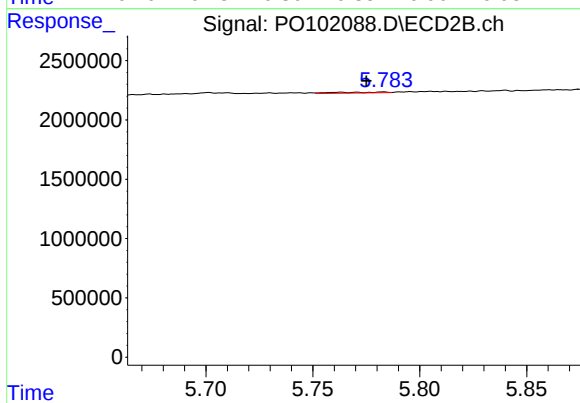
#27 AR-1254-2

R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 277208
Conc: 2.15 ng/ml



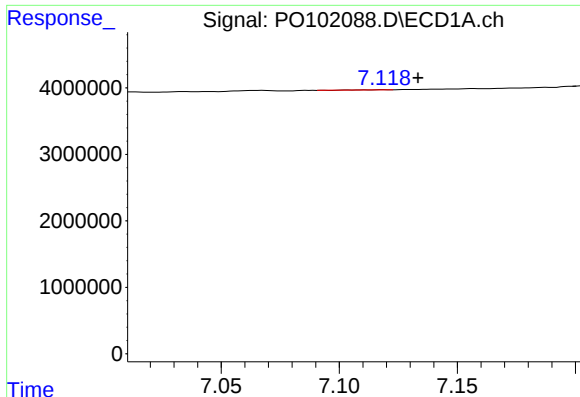
#28 AR-1254-3

R.T.: 6.852 min
Delta R.T.: 0.002 min
Response: 812018
Conc: 4.19 ng/ml



#28 AR-1254-3

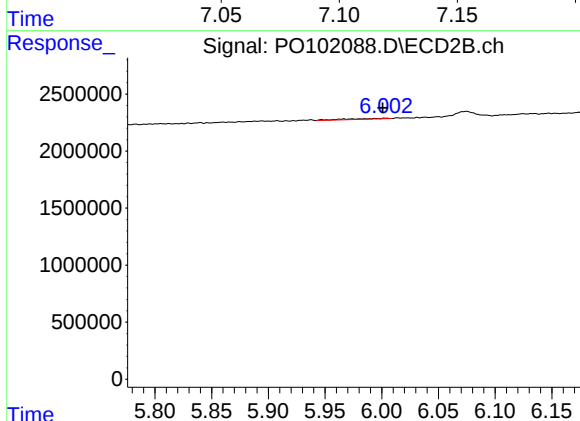
R.T.: 5.783 min
Delta R.T.: 0.008 min
Response: 108828
Conc: 0.56 ng/ml



#29 AR-1254-4

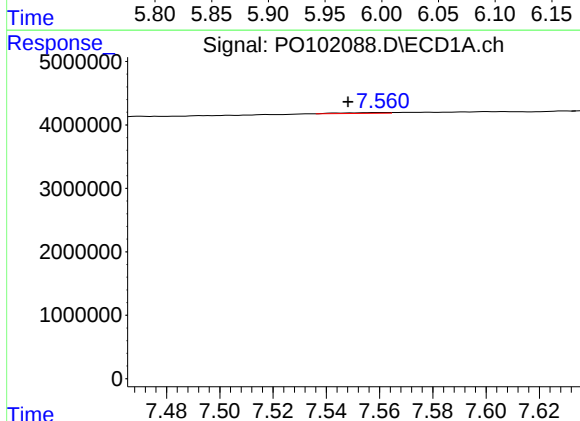
R.T.: 7.119 min
Delta R.T.: -0.015 min
Response: 16316
Conc: 0.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



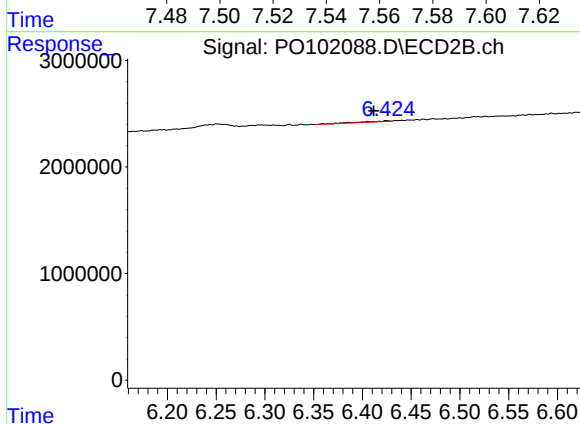
#29 AR-1254-4

R.T.: 6.003 min
Delta R.T.: 0.002 min
Response: 168170
Conc: 1.56 ng/ml



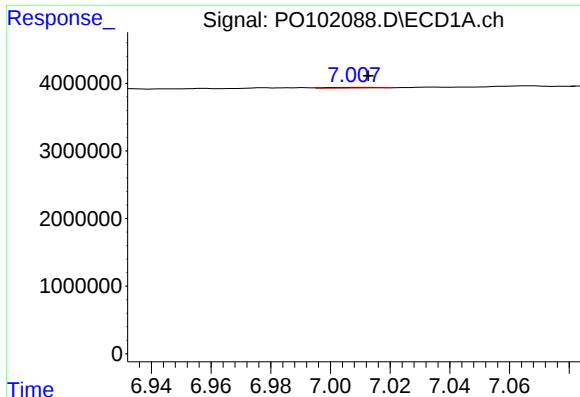
#30 AR-1254-5

R.T.: 7.561 min
Delta R.T.: 0.013 min
Response: 143898
Conc: 1.02 ng/ml



#30 AR-1254-5

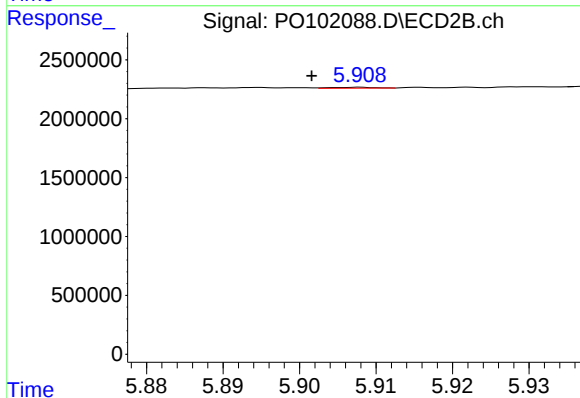
R.T.: 6.425 min
Delta R.T.: 0.014 min
Response: 176433
Conc: 1.08 ng/ml



#31 AR-1260-1

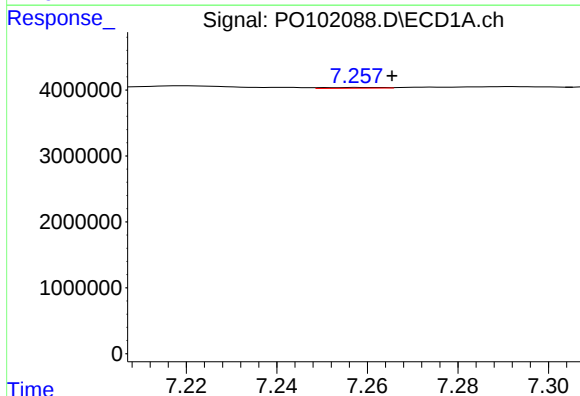
R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 106882
Conc: 0.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



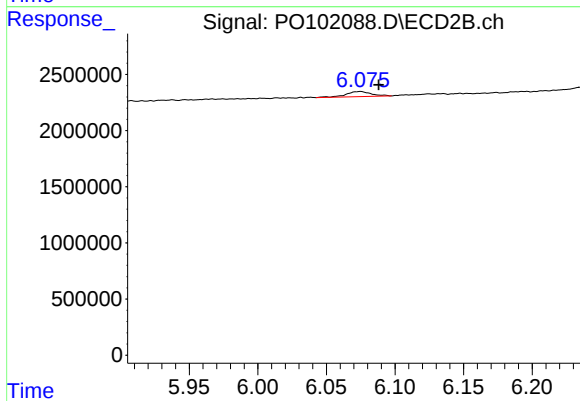
#31 AR-1260-1

R.T.: 5.908 min
Delta R.T.: 0.006 min
Response: 26157
Conc: 0.18 ng/ml



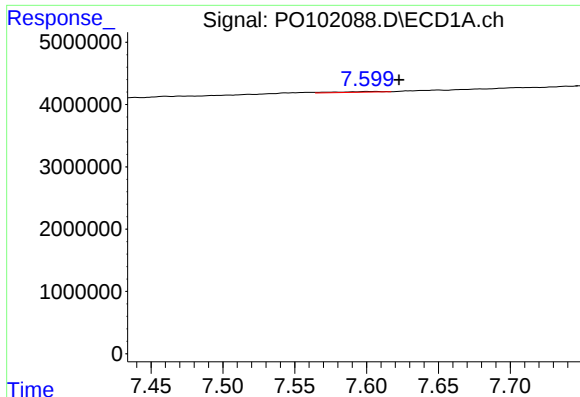
#32 AR-1260-2

R.T.: 7.259 min
Delta R.T.: -0.007 min
Response: 107036
Conc: 0.60 ng/ml



#32 AR-1260-2

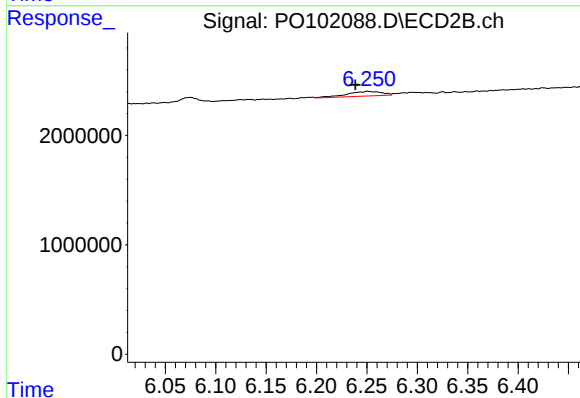
R.T.: 6.075 min
Delta R.T.: -0.014 min
Response: 584519
Conc: 3.41 ng/ml



#33 AR-1260-3

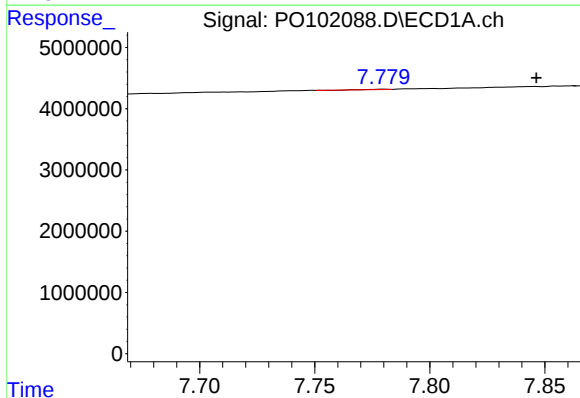
R.T.: 7.600 min
Delta R.T.: -0.023 min
Response: 210671
Conc: 1.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



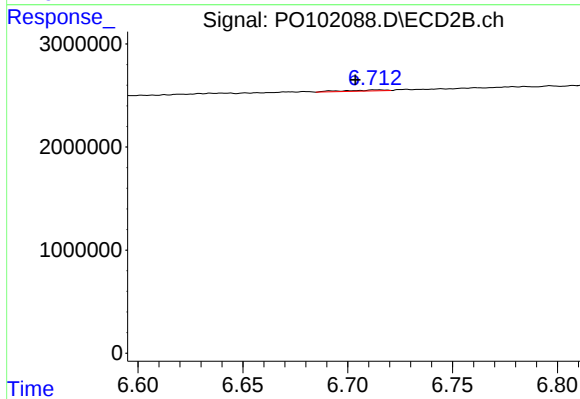
#33 AR-1260-3

R.T.: 6.251 min
Delta R.T.: 0.012 min
Response: 997386
Conc: 6.03 ng/ml



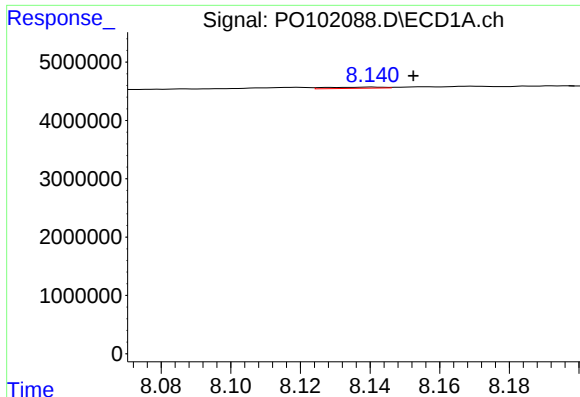
#34 AR-1260-4

R.T.: 7.780 min
Delta R.T.: -0.067 min
Response: 9593
Conc: 0.07 ng/ml



#34 AR-1260-4

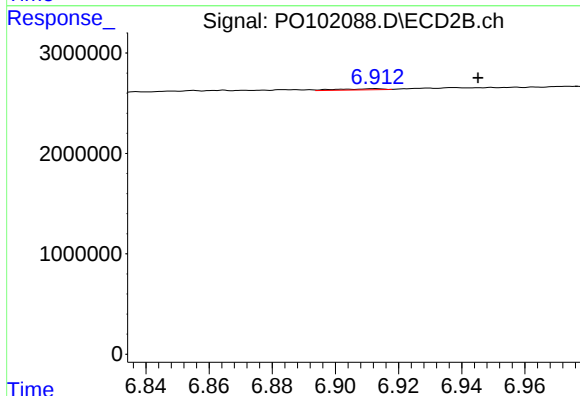
R.T.: 6.714 min
Delta R.T.: 0.010 min
Response: 146002
Conc: 1.14 ng/ml



#35 AR-1260-5

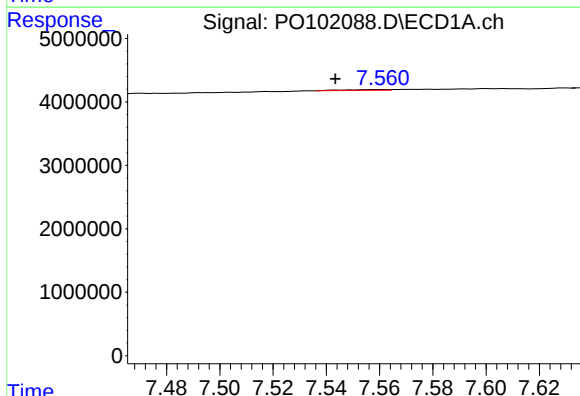
R.T.: 8.141 min
Delta R.T.: -0.012 min
Response: 230827
Conc: 0.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



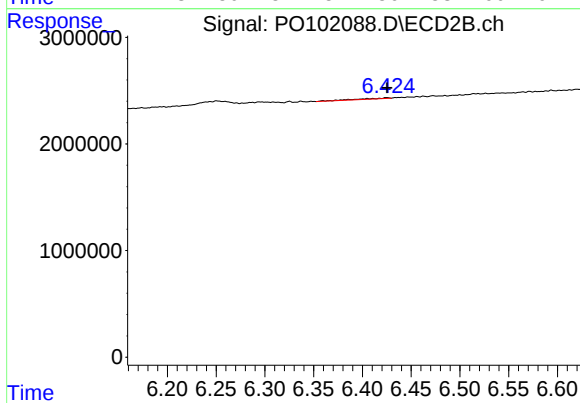
#35 AR-1260-5

R.T.: 6.913 min
Delta R.T.: -0.033 min
Response: 102560
Conc: 0.37 ng/ml



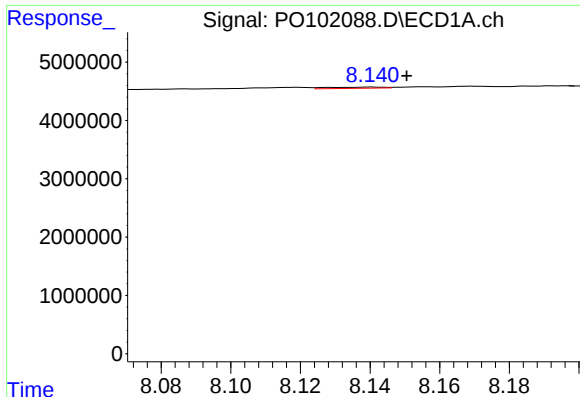
#36 AR-1262-1

R.T.: 7.561 min
Delta R.T.: 0.017 min
Response: 143898
Conc: 1.00 ng/ml



#36 AR-1262-1

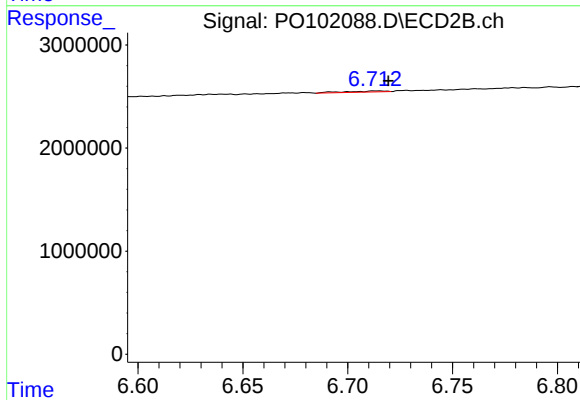
R.T.: 6.425 min
Delta R.T.: 0.000 min
Response: 176433
Conc: 1.61 ng/ml



#37 AR-1262-2

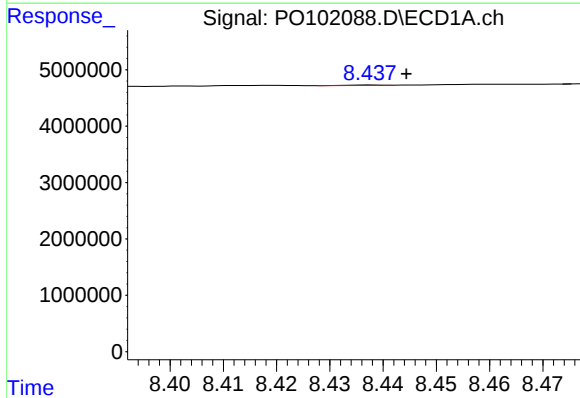
R.T.: 8.141 min
Delta R.T.: -0.010 min
Response: 230827
Conc: 0.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



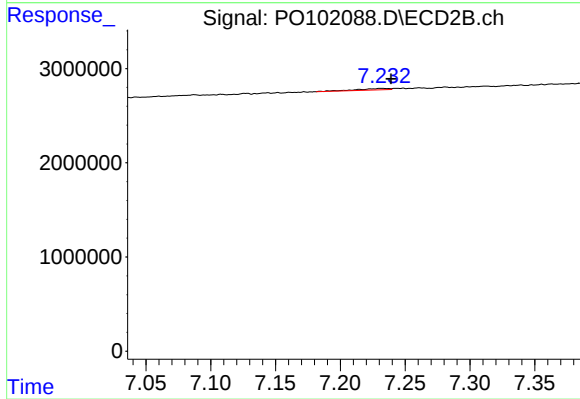
#37 AR-1262-2

R.T.: 6.714 min
Delta R.T.: -0.006 min
Response: 146002
Conc: 0.76 ng/ml



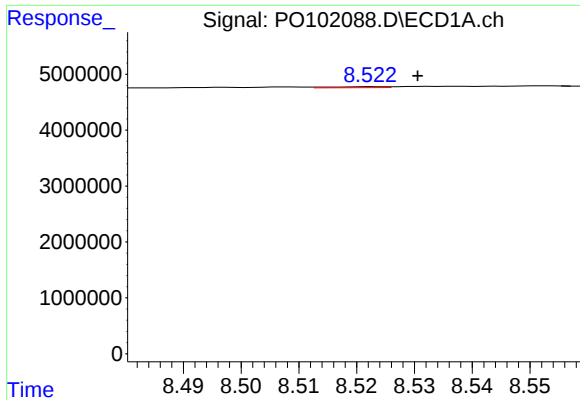
#38 AR-1262-3

R.T.: 8.438 min
Delta R.T.: -0.006 min
Response: 46363
Conc: 0.20 ng/ml



#38 AR-1262-3

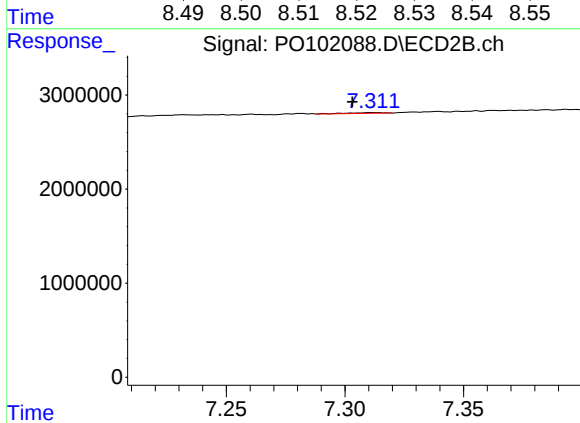
R.T.: 7.232 min
Delta R.T.: -0.007 min
Response: 272072
Conc: 1.84 ng/ml



#39 AR-1262-4

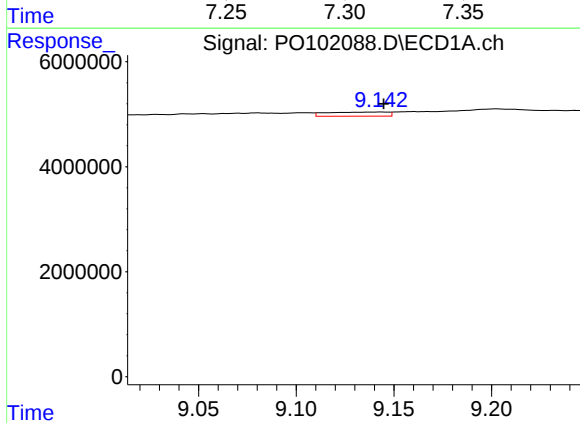
R.T.: 8.523 min
Delta R.T.: -0.008 min
Response: 112120
Conc: 0.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



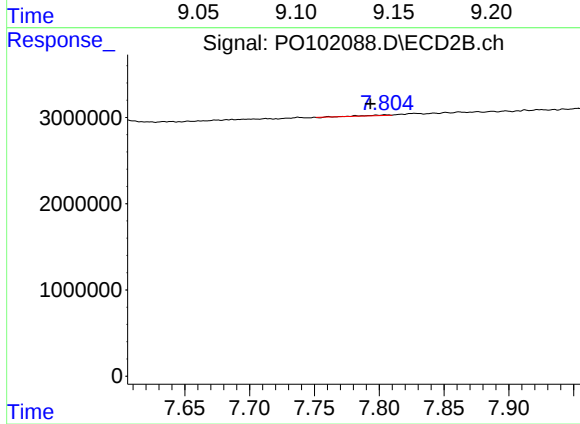
#39 AR-1262-4

R.T.: 7.312 min
Delta R.T.: 0.009 min
Response: 91621
Conc: 0.35 ng/ml



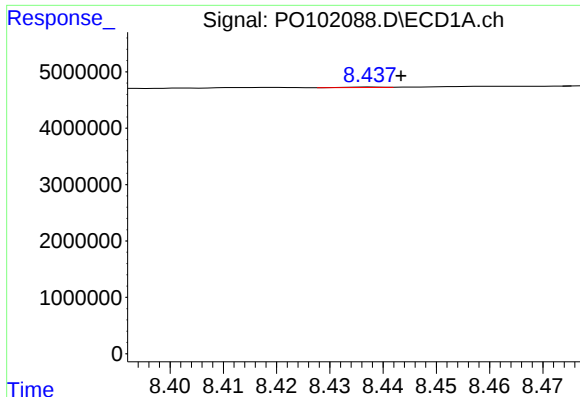
#40 AR-1262-5

R.T.: 9.143 min
Delta R.T.: -0.002 min
Response: 1713264
Conc: 14.66 ng/ml



#40 AR-1262-5

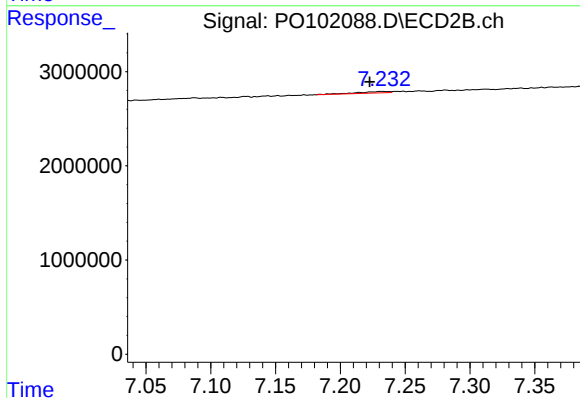
R.T.: 7.805 min
Delta R.T.: 0.012 min
Response: 75959
Conc: 0.68 ng/ml



#41 AR-1268-1

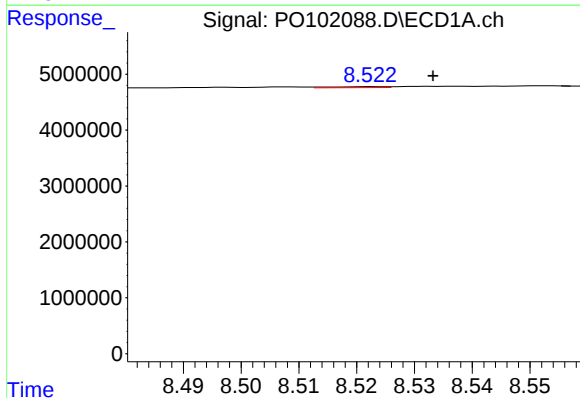
R.T.: 8.438 min
Delta R.T.: -0.005 min
Response: 46363
Conc: 0.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



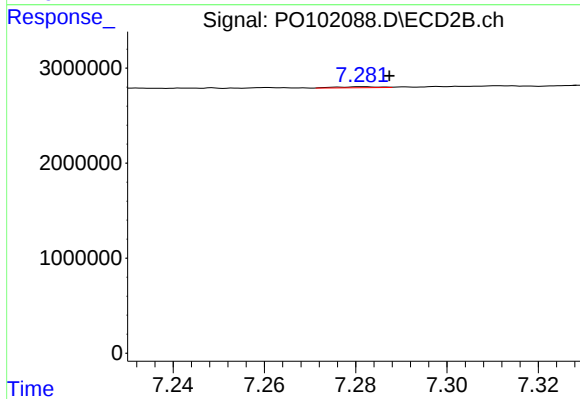
#41 AR-1268-1

R.T.: 7.232 min
Delta R.T.: 0.009 min
Response: 272072
Conc: 0.77 ng/ml



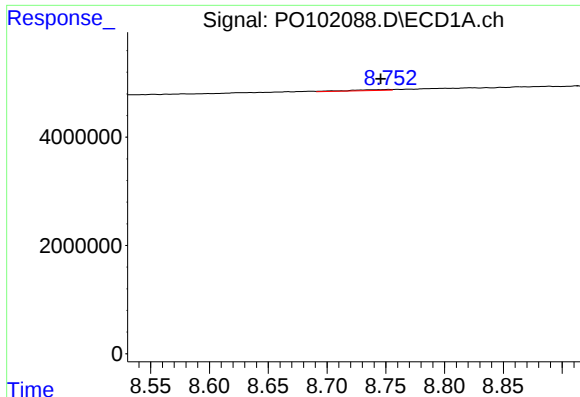
#42 AR-1268-2

R.T.: 8.523 min
Delta R.T.: -0.011 min
Response: 112120
Conc: 0.35 ng/ml



#42 AR-1268-2

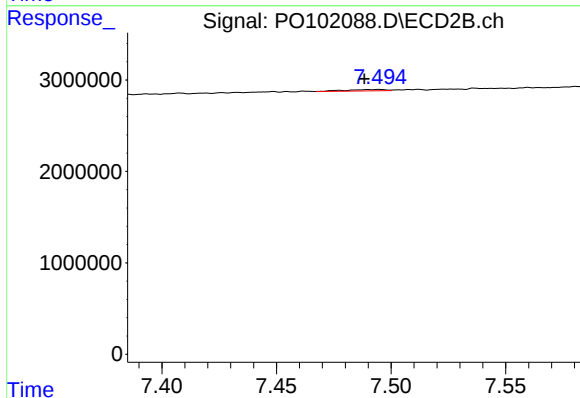
R.T.: 7.281 min
Delta R.T.: -0.006 min
Response: 64168
Conc: 0.20 ng/ml



#43 AR-1268-3

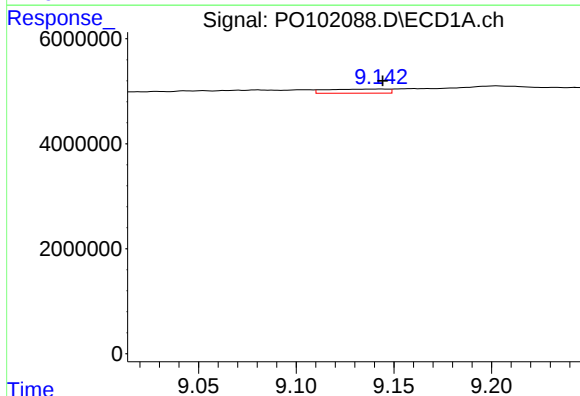
R.T.: 8.752 min
Delta R.T.: 0.007 min
Response: 390645
Conc: 1.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



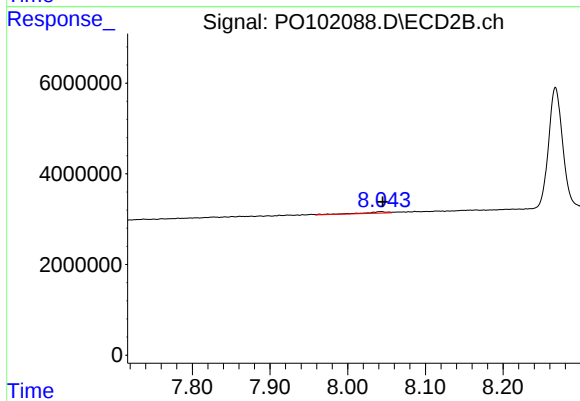
#43 AR-1268-3

R.T.: 7.494 min
Delta R.T.: 0.006 min
Response: 191039
Conc: 0.70 ng/ml



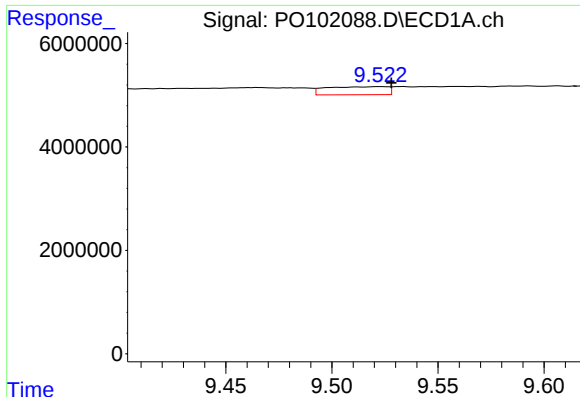
#44 AR-1268-4

R.T.: 9.143 min
Delta R.T.: -0.002 min
Response: 1713264
Conc: 16.26 ng/ml



#44 AR-1268-4

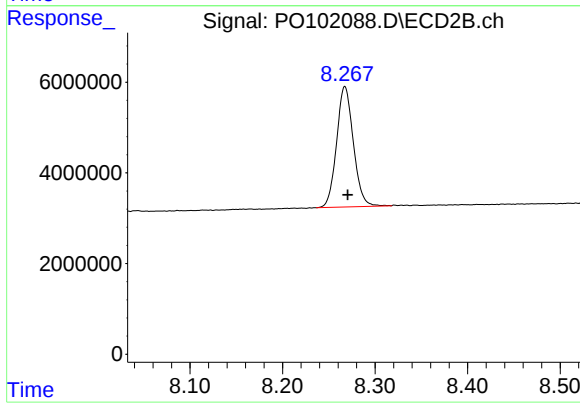
R.T.: 8.043 min
Delta R.T.: -0.002 min
Response: 785996
Conc: 1.02 ng/ml



#45 AR-1268-5

R.T.: 9.523 min
Delta R.T.: -0.006 min
Response: 3138260
Conc: 3.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



#45 AR-1268-5

R.T.: 8.267 min
Delta R.T.: -0.003 min
Response: 33368432
Conc: 91.99 ng/ml