

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0071922\
 Data File : P0088165.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jul 2022 21:06
 Operator : YP/AJ
 Sample : N3759-06 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 00:37:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 15 03:57:23 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...	4.446	3.605	4844517	1711249	1.899	1.814
2)	SA Decachlor...	10.293	8.607	4081514	1685990	1.922	1.613
Target Compounds							
3)	L1 AR-1016-1	5.624	4.698	1076377	229175	12.273	6.369 #
4)	L1 AR-1016-2	5.652	4.698	494372	229175	3.940	4.485
5)	L1 AR-1016-3	5.697	4.896	964986	698237	12.440	25.151 #
6)	L1 AR-1016-4	5.799	4.925	86140	279522	1.397	12.016 #
7)	L1 AR-1016-5	6.104	5.164	988426	330968	15.926	11.183 #
9)	L2 AR-1221-2	4.756	0.000	662574	0	29.892	N.D. #
10)	L2 AR-1221-3	4.756f	0.000	662574	0	9.615	N.D. #
11)	L3 AR-1232-1	4.756f	0.000	662574	0	12.750	N.D. #
12)	L3 AR-1232-2	5.161	4.698	719935	229175	28.082	11.621 #
13)	L3 AR-1232-3	5.652	4.896	494372	698237	10.281	68.571 #
14)	L3 AR-1232-4	5.799	4.986	86140	433126	3.704	44.588 #
15)	L3 AR-1232-5	5.902	5.164	973689	330968	50.115	30.431 #
16)	L4 AR-1242-1	5.624	4.698	1076377	229175	15.767	7.877 #
17)	L4 AR-1242-2	5.652	4.698	494372	229175	5.104	5.658
18)	L4 AR-1242-3	5.697	4.896	964986	698237	15.905	31.601 #
19)	L4 AR-1242-4	5.799	4.986	86140	433126	1.788	18.524 #
20)	L4 AR-1242-5	6.568	5.486	1633889	227665	31.025	8.495 #
21)	L5 AR-1248-1	5.624	4.698	1076377	229175	20.146	10.005 #
22)	L5 AR-1248-2	5.902	4.925	973689	279522	12.531	8.286 #
23)	L5 AR-1248-3	6.104	4.986	988426	433126	11.808	12.463
24)	L5 AR-1248-4	6.512	5.164	1286421	330968	13.997	7.906 #
25)	L5 AR-1248-5	6.568	5.486f	1633889	227665	18.167	6.319 #
26)	L6 AR-1254-1	6.488	5.486	1296430	227665	13.674	3.949 #
27)	L6 AR-1254-2	6.714	5.633	2042848	180527	14.230	3.521 #
28)	L6 AR-1254-3	7.072	6.053	1218670	762080	8.320	9.391
29)	L6 AR-1254-4	7.327	6.265	7442740	946825	68.769	18.984 #
30)	L6 AR-1254-5	7.778	6.683	1467398	649601	12.192	8.601 #
31)	L7 AR-1260-1	7.264	6.166	619765	1654712	5.326	30.531 #
32)	L7 AR-1260-2	7.509	6.356	3206468	810122	23.732	12.476 #
33)	L7 AR-1260-3	7.855	6.512	1339378	500588	14.630	8.048 #
34)	L7 AR-1260-4	8.087	6.980	986397	403466	9.131	8.530
35)	L7 AR-1260-5	8.413	7.221	2608582	1773841	12.712	15.503
36)	L8 AR-1262-1	7.855	6.774	1339378	363889	9.750	12.006
37)	L8 AR-1262-2	8.413	7.221	2608582	1773841	11.085	13.202
38)	L8 AR-1262-3	8.731	7.506	1684744	798125	10.165	14.635 #
39)	L8 AR-1262-4	8.828	7.571	2388223	1405370	28.608	13.892 #
40)	L8 AR-1262-5	9.509	8.065	2176995	1078263	24.428	21.954
41)	L9 AR-1268-1	8.731	7.506	1684744	798125	5.957	5.037
42)	L9 AR-1268-2	8.828	7.571	2388223	1405370	9.185	9.770

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 ECD_O
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 Quant Time: Jul 20 00:37:50 2022
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 Response via : Initial Calibration
 Integrator: ChemStation

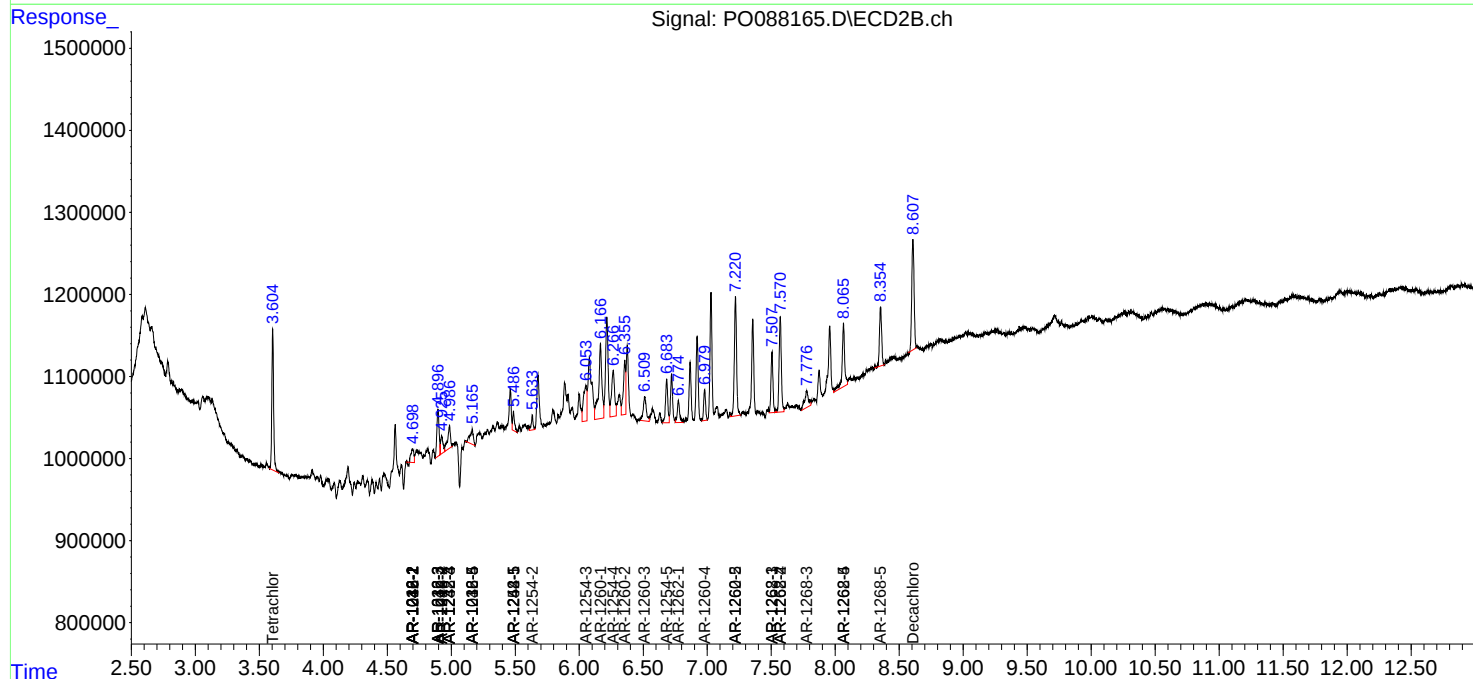
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

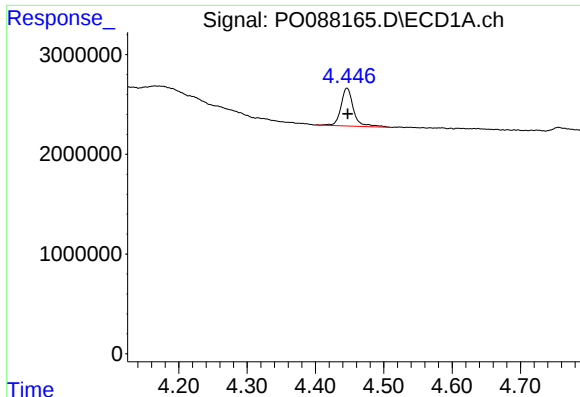
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	9.066	7.777	561815	433700	2.509	3.482 #
44) L9	AR-1268-4	9.509	8.065	2176995	1078263	22.204	20.099
45) L9	AR-1268-5	9.938	8.354	2391228	850138	3.291	2.199 #

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

Instrument :
ECD_O
ClientSampleId :

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

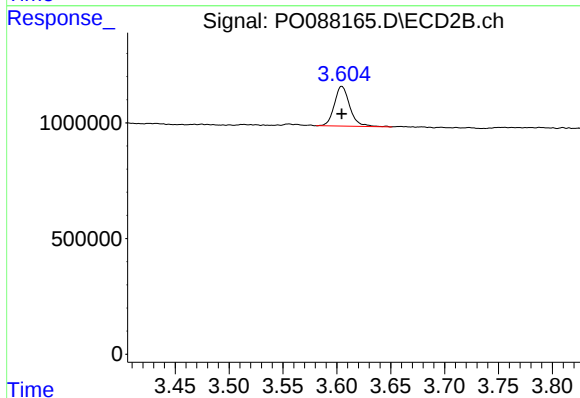




#1 Tetrachloro-m-xylene

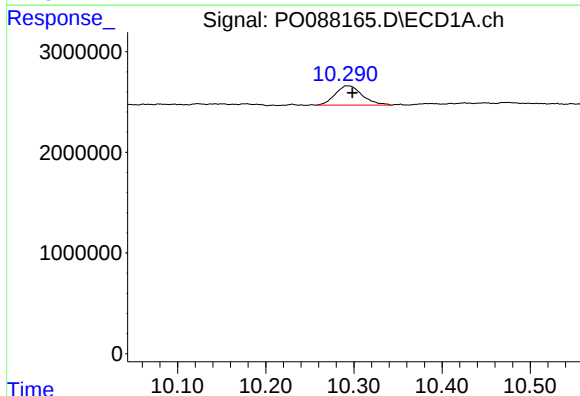
R.T.: 4.446 min
Delta R.T.: 0.000 min
Response: 4844517
Conc: 1.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



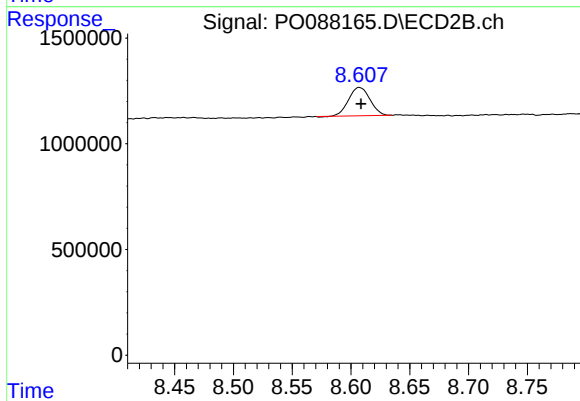
#1 Tetrachloro-m-xylene

R.T.: 3.605 min
Delta R.T.: 0.000 min
Response: 1711249
Conc: 1.81 ng/ml



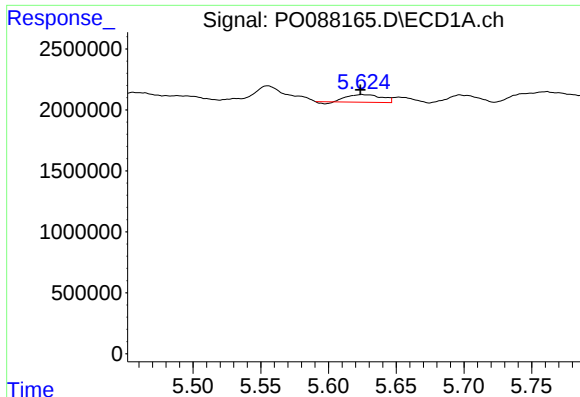
#2 Decachlorobiphenyl

R.T.: 10.293 min
Delta R.T.: -0.006 min
Response: 4081514
Conc: 1.92 ng/ml



#2 Decachlorobiphenyl

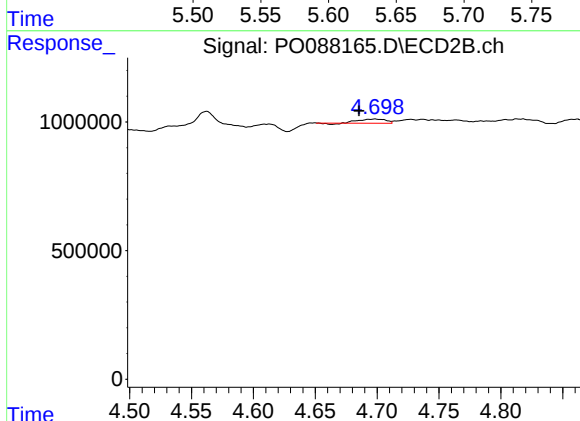
R.T.: 8.607 min
Delta R.T.: -0.001 min
Response: 1685990
Conc: 1.61 ng/ml



#3 AR-1016-1

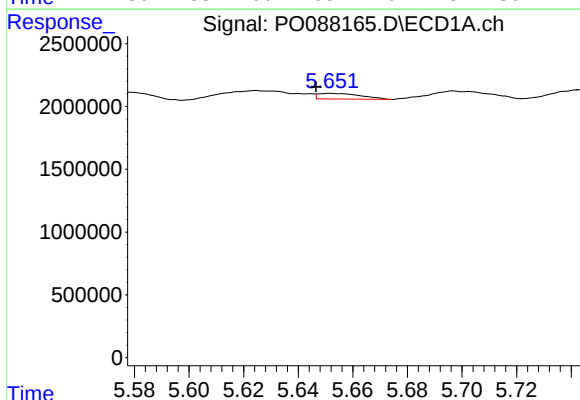
R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 1076377
Conc: 12.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



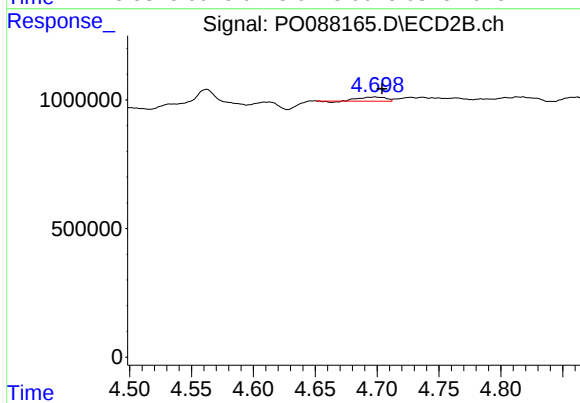
#3 AR-1016-1

R.T.: 4.698 min
Delta R.T.: 0.013 min
Response: 229175
Conc: 6.37 ng/ml



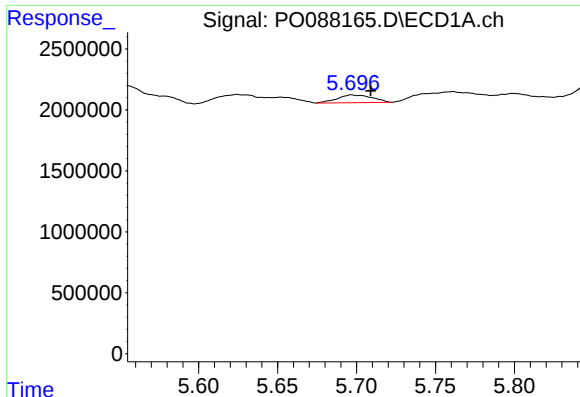
#4 AR-1016-2

R.T.: 5.652 min
Delta R.T.: 0.005 min
Response: 494372
Conc: 3.94 ng/ml



#4 AR-1016-2

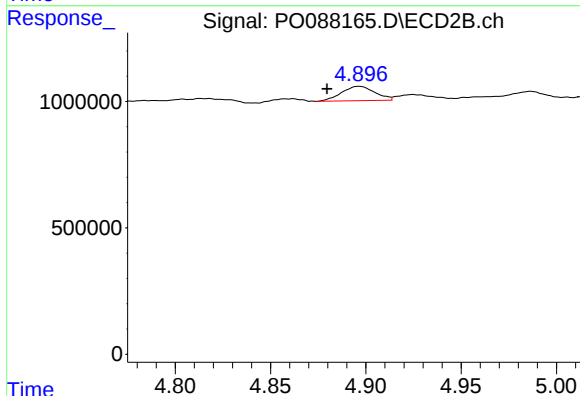
R.T.: 4.698 min
Delta R.T.: -0.006 min
Response: 229175
Conc: 4.49 ng/ml



#5 AR-1016-3

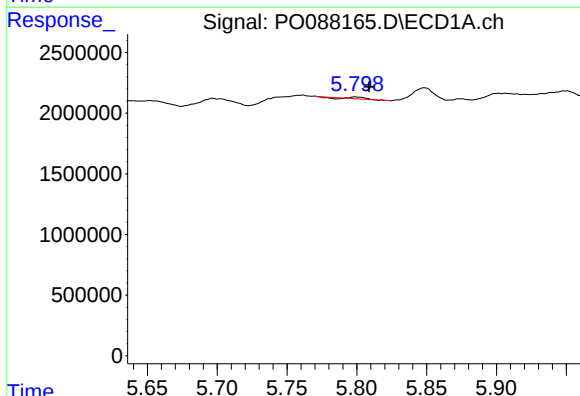
R.T.: 5.697 min
Delta R.T.: -0.012 min
Response: 964986
Conc: 12.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



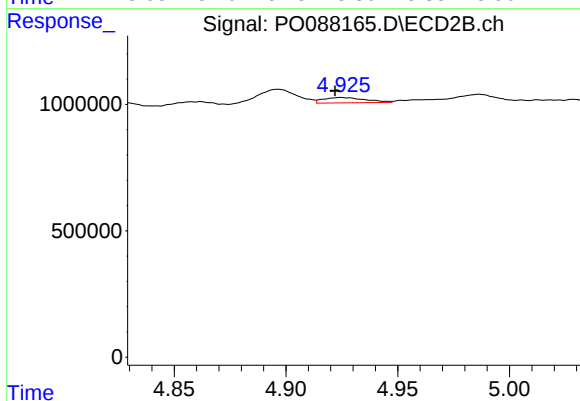
#5 AR-1016-3

R.T.: 4.896 min
Delta R.T.: 0.017 min
Response: 698237
Conc: 25.15 ng/ml



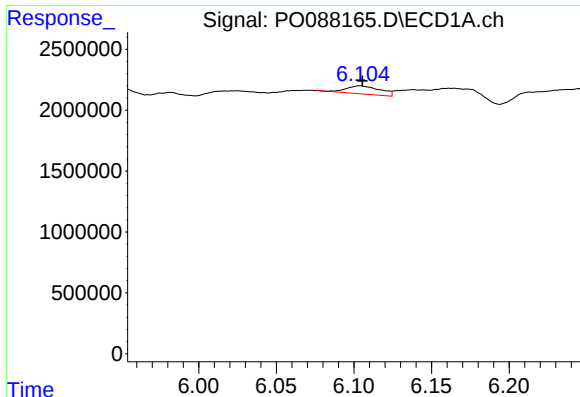
#6 AR-1016-4

R.T.: 5.799 min
Delta R.T.: -0.010 min
Response: 86140
Conc: 1.40 ng/ml



#6 AR-1016-4

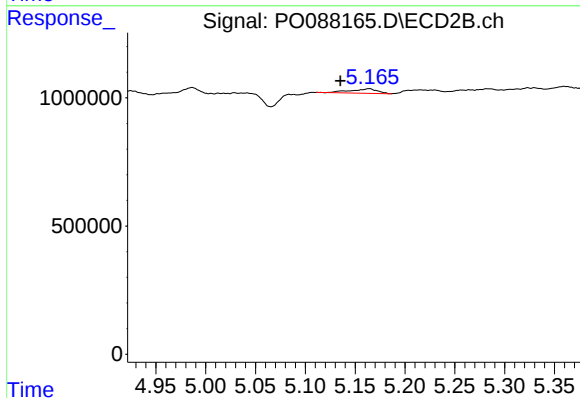
R.T.: 4.925 min
Delta R.T.: 0.003 min
Response: 279522
Conc: 12.02 ng/ml



#7 AR-1016-5

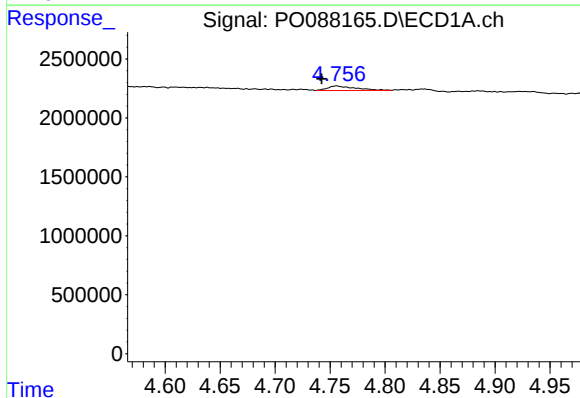
R.T.: 6.104 min
Delta R.T.: -0.002 min
Response: 988426
Conc: 15.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



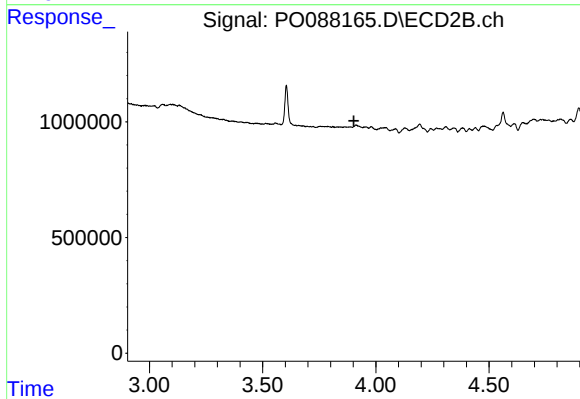
#7 AR-1016-5

R.T.: 5.164 min
Delta R.T.: 0.029 min
Response: 330968
Conc: 11.18 ng/ml



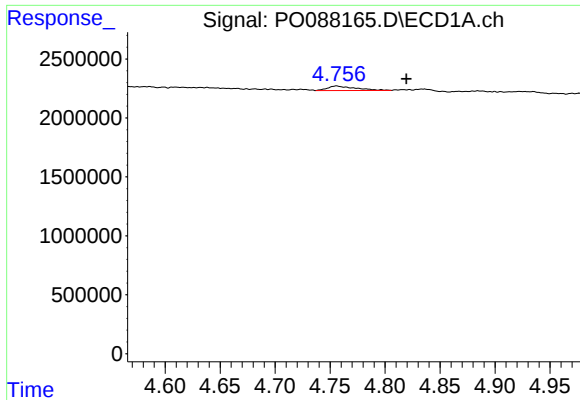
#9 AR-1221-2

R.T.: 4.756 min
Delta R.T.: 0.014 min
Response: 662574
Conc: 29.89 ng/ml



#9 AR-1221-2

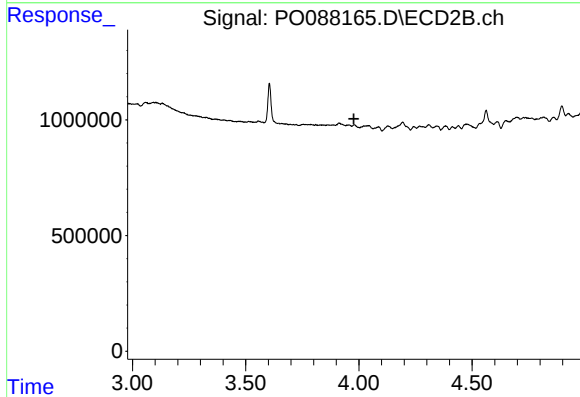
R.T.: 0.000 min
Exp R.T. : 3.903 min
Response: 0
Conc: N.D.



#10 AR-1221-3

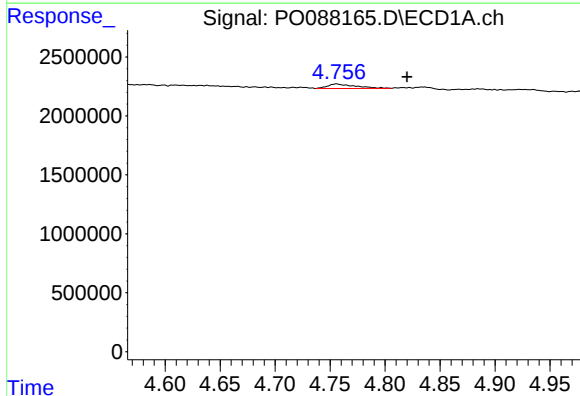
R.T.: 4.756 min
Delta R.T.: -0.064 min
Response: 662574
Conc: 9.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



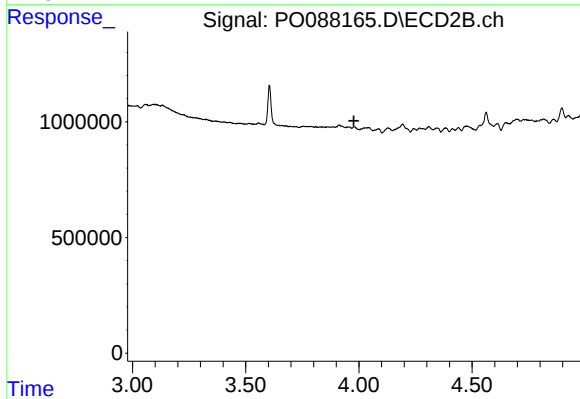
#10 AR-1221-3

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



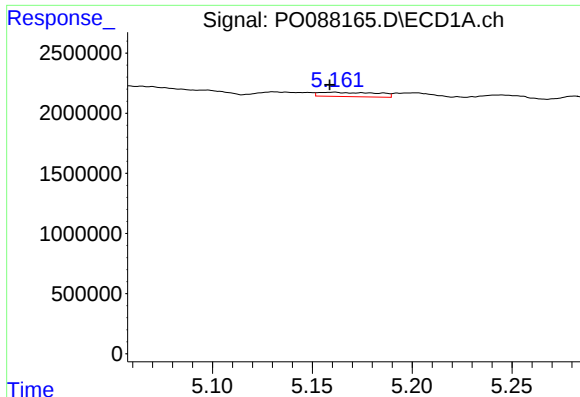
#11 AR-1232-1

R.T.: 4.756 min
Delta R.T.: -0.064 min
Response: 662574
Conc: 12.75 ng/ml



#11 AR-1232-1

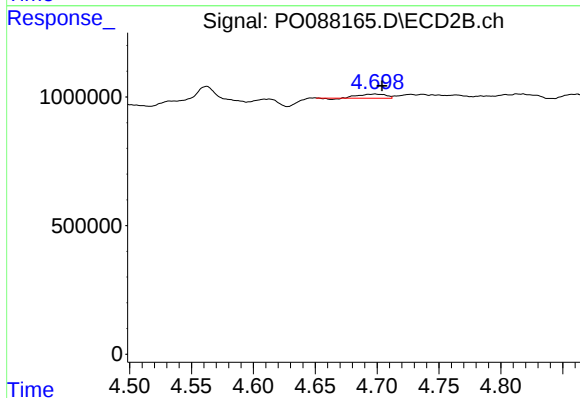
R.T.: 0.000 min
Exp R.T. : 3.978 min
Response: 0
Conc: N.D.



#12 AR-1232-2

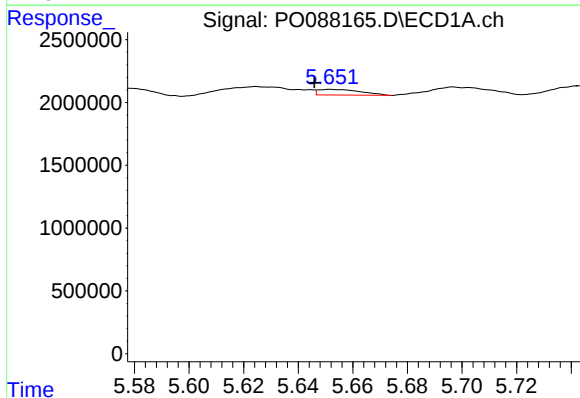
R.T.: 5.161 min
Delta R.T.: 0.002 min
Response: 719935
Conc: 28.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



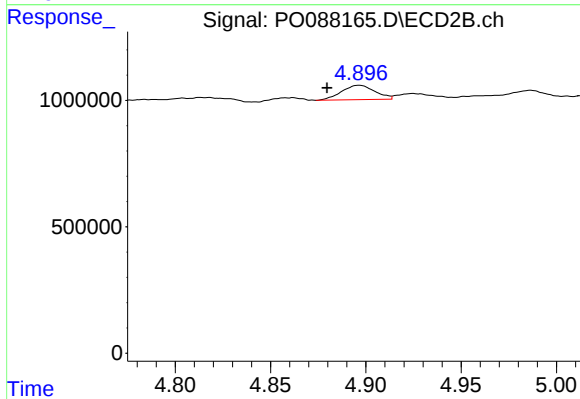
#12 AR-1232-2

R.T.: 4.698 min
Delta R.T.: -0.006 min
Response: 229175
Conc: 11.62 ng/ml



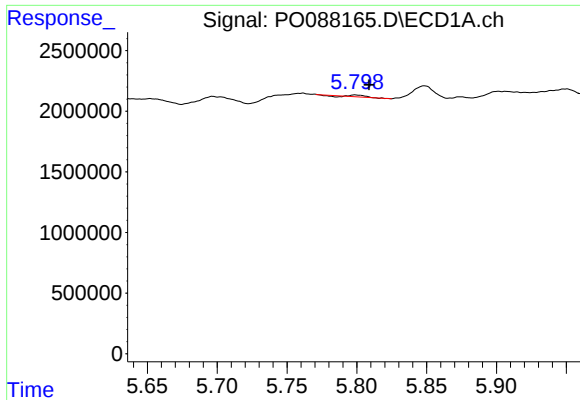
#13 AR-1232-3

R.T.: 5.652 min
Delta R.T.: 0.006 min
Response: 494372
Conc: 10.28 ng/ml



#13 AR-1232-3

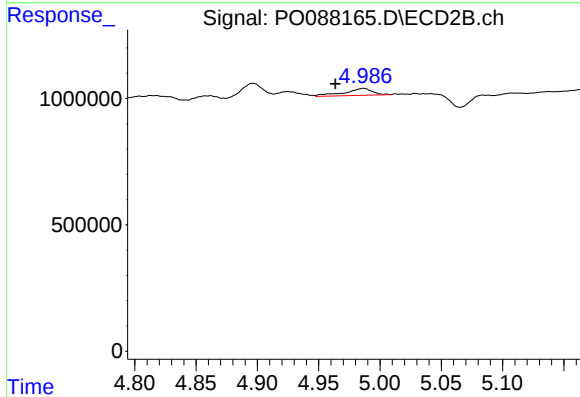
R.T.: 4.896 min
Delta R.T.: 0.017 min
Response: 698237
Conc: 68.57 ng/ml



#14 AR-1232-4

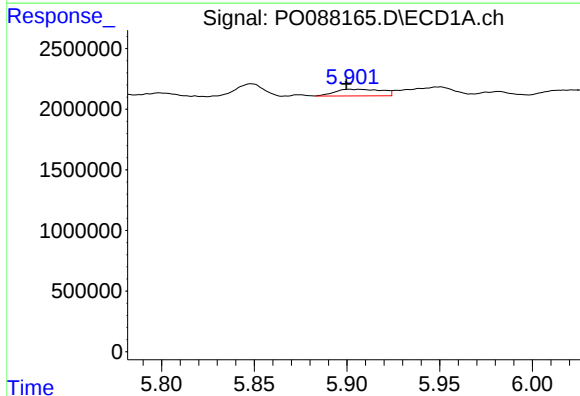
R.T.: 5.799 min
Delta R.T.: -0.010 min
Response: 86140
Conc: 3.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



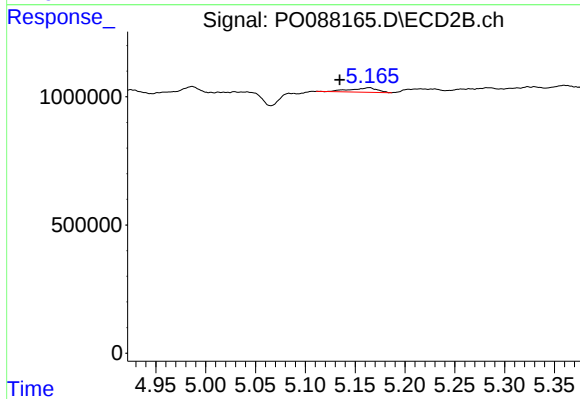
#14 AR-1232-4

R.T.: 4.986 min
Delta R.T.: 0.023 min
Response: 433126
Conc: 44.59 ng/ml



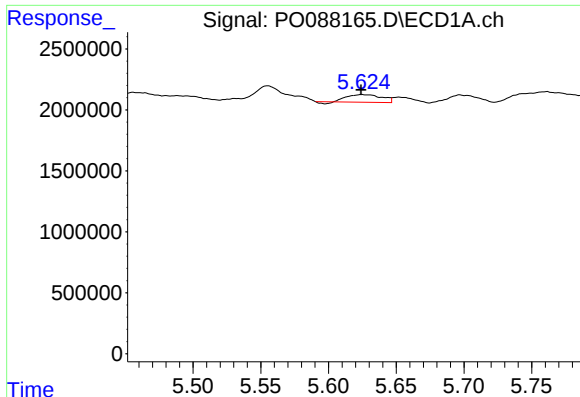
#15 AR-1232-5

R.T.: 5.902 min
Delta R.T.: 0.002 min
Response: 973689
Conc: 50.11 ng/ml



#15 AR-1232-5

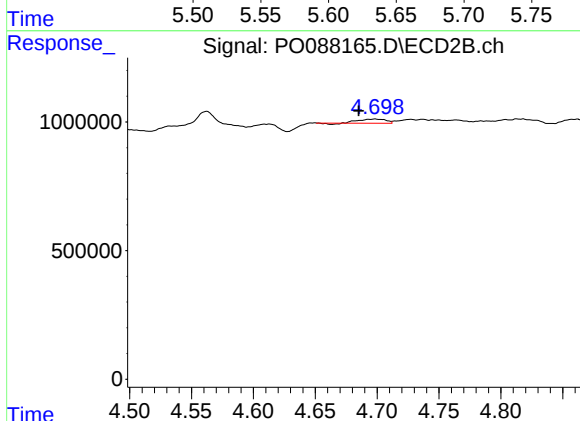
R.T.: 5.164 min
Delta R.T.: 0.030 min
Response: 330968
Conc: 30.43 ng/ml



#16 AR-1242-1

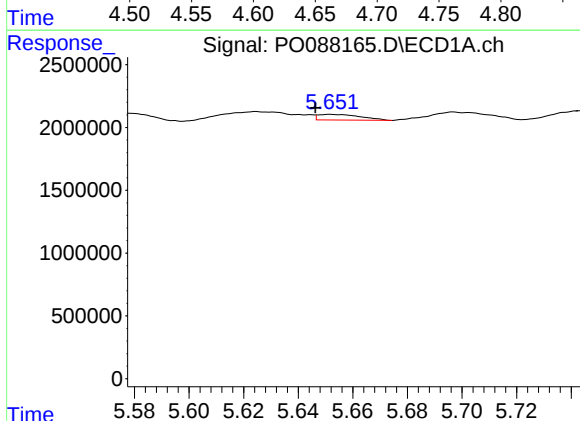
R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 1076377
Conc: 15.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



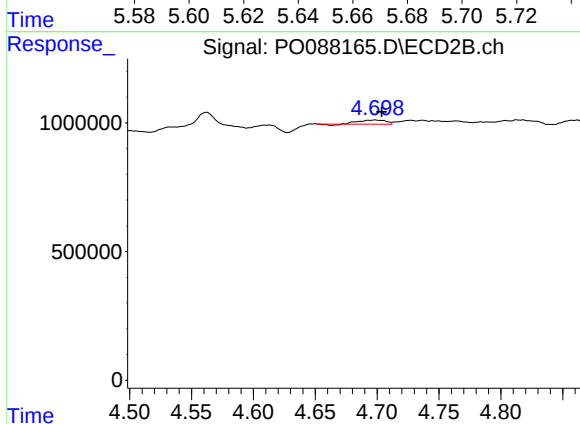
#16 AR-1242-1

R.T.: 4.698 min
Delta R.T.: 0.013 min
Response: 229175
Conc: 7.88 ng/ml



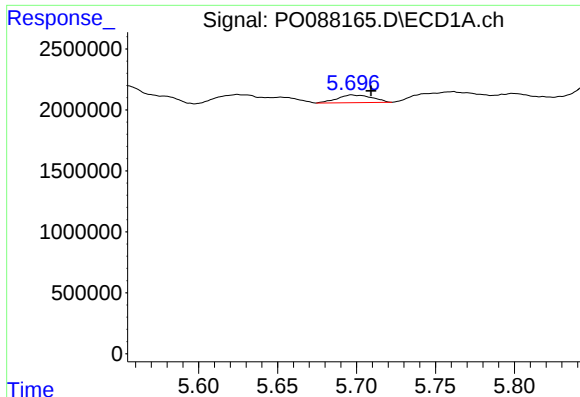
#17 AR-1242-2

R.T.: 5.652 min
Delta R.T.: 0.006 min
Response: 494372
Conc: 5.10 ng/ml



#17 AR-1242-2

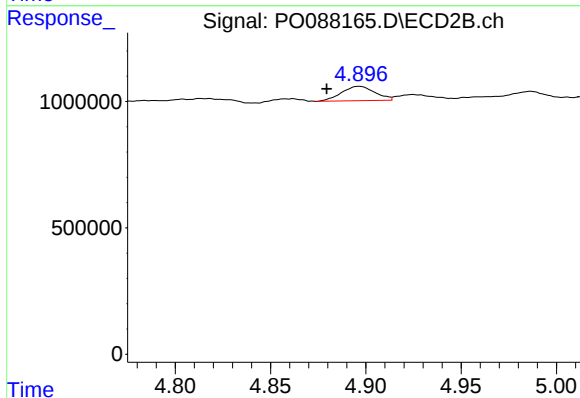
R.T.: 4.698 min
Delta R.T.: -0.006 min
Response: 229175
Conc: 5.66 ng/ml



#18 AR-1242-3

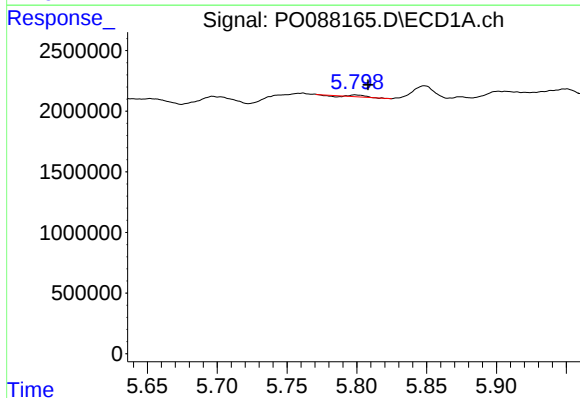
R.T.: 5.697 min
Delta R.T.: -0.012 min
Response: 964986
Conc: 15.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



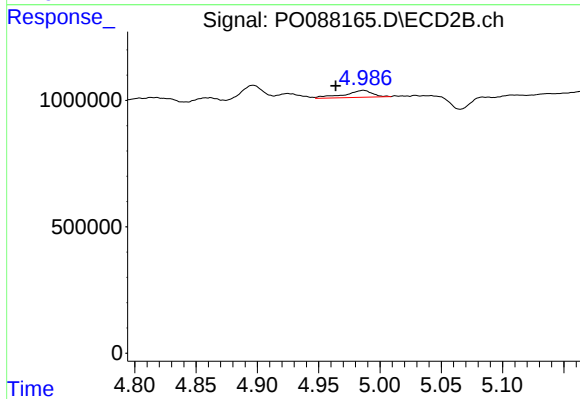
#18 AR-1242-3

R.T.: 4.896 min
Delta R.T.: 0.017 min
Response: 698237
Conc: 31.60 ng/ml



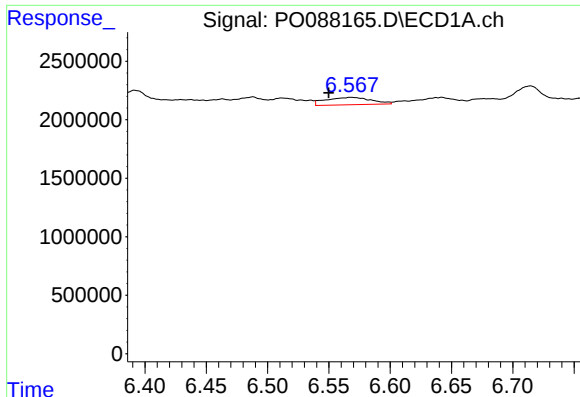
#19 AR-1242-4

R.T.: 5.799 min
Delta R.T.: -0.009 min
Response: 86140
Conc: 1.79 ng/ml



#19 AR-1242-4

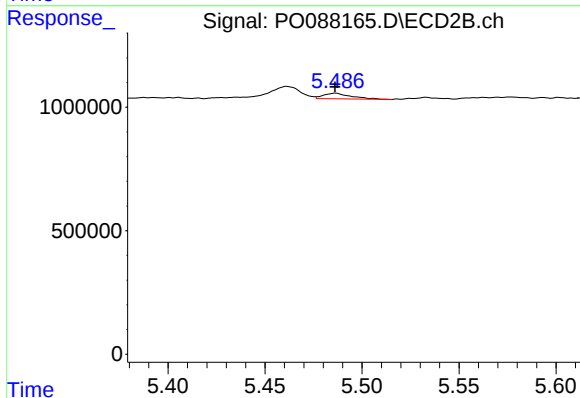
R.T.: 4.986 min
Delta R.T.: 0.023 min
Response: 433126
Conc: 18.52 ng/ml



#20 AR-1242-5

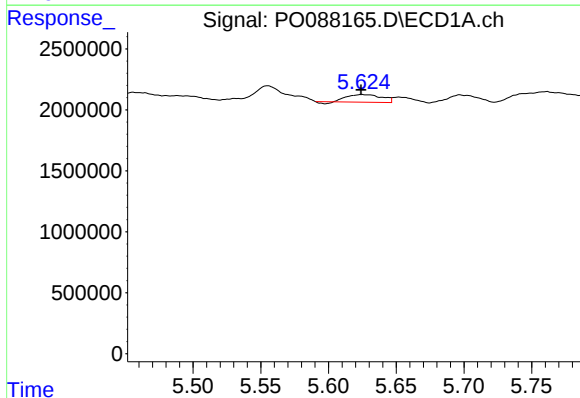
R.T.: 6.568 min
Delta R.T.: 0.018 min
Response: 1633889
Conc: 31.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



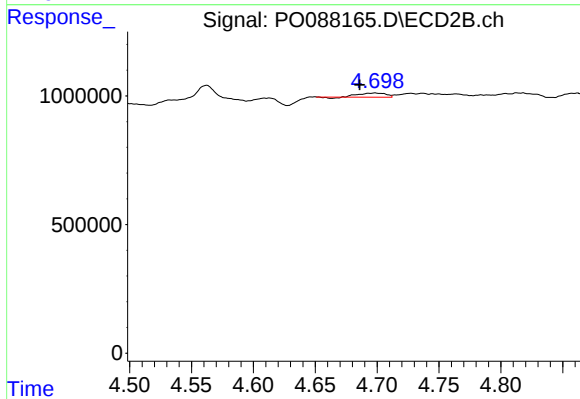
#20 AR-1242-5

R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 227665
Conc: 8.49 ng/ml



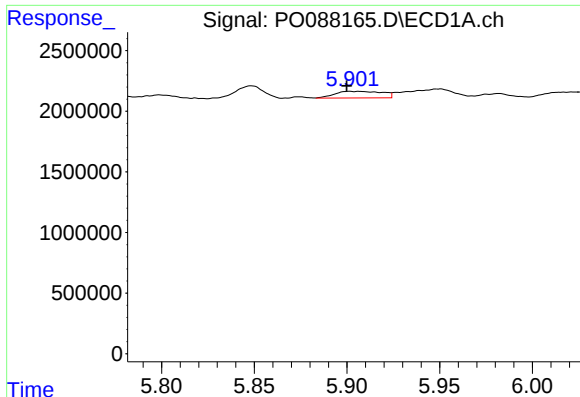
#21 AR-1248-1

R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 1076377
Conc: 20.15 ng/ml



#21 AR-1248-1

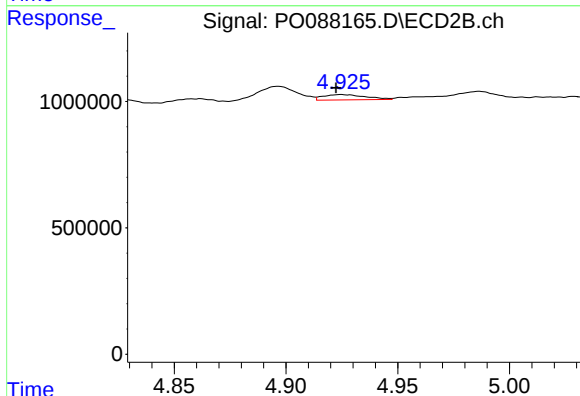
R.T.: 4.698 min
Delta R.T.: 0.012 min
Response: 229175
Conc: 10.00 ng/ml



#22 AR-1248-2

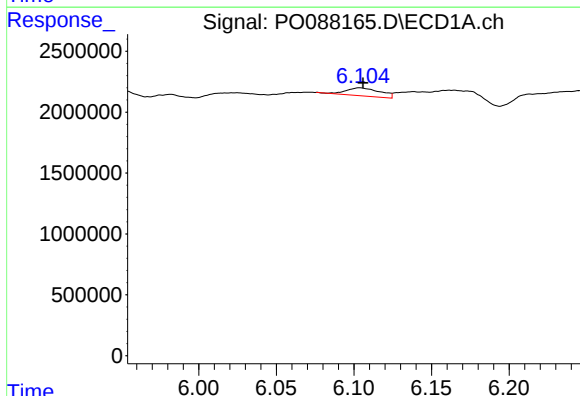
R.T.: 5.902 min
Delta R.T.: 0.002 min
Response: 973689
Conc: 12.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



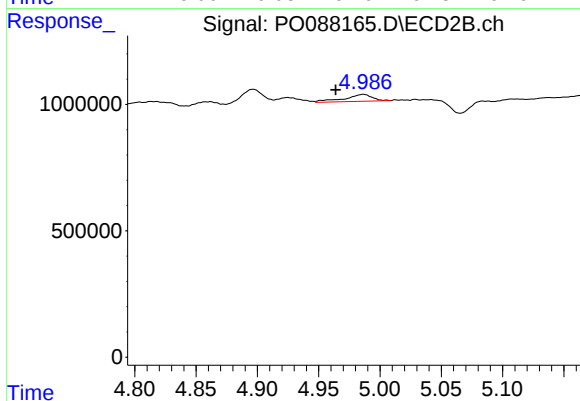
#22 AR-1248-2

R.T.: 4.925 min
Delta R.T.: 0.002 min
Response: 279522
Conc: 8.29 ng/ml



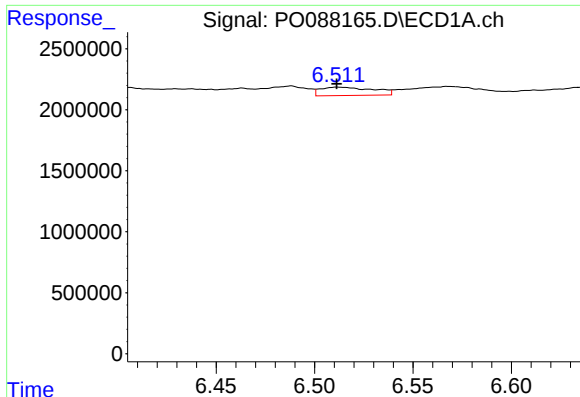
#23 AR-1248-3

R.T.: 6.104 min
Delta R.T.: -0.002 min
Response: 988426
Conc: 11.81 ng/ml



#23 AR-1248-3

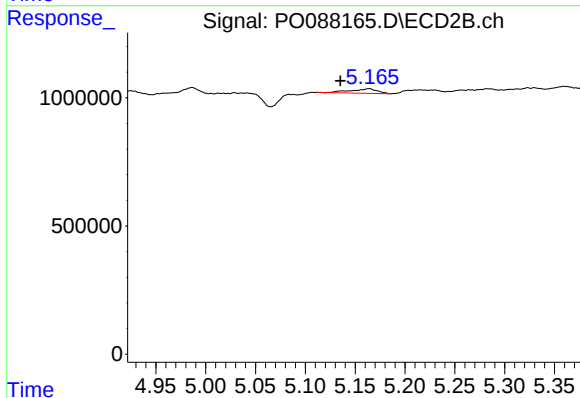
R.T.: 4.986 min
Delta R.T.: 0.022 min
Response: 433126
Conc: 12.46 ng/ml



#24 AR-1248-4

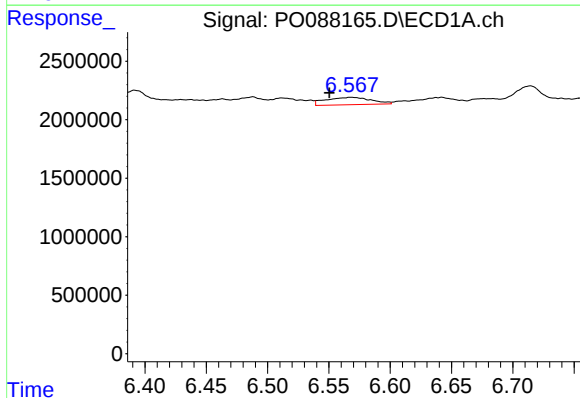
R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 1286421
Conc: 14.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



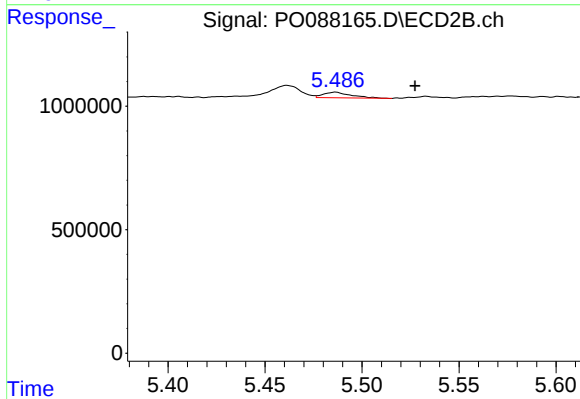
#24 AR-1248-4

R.T.: 5.164 min
Delta R.T.: 0.029 min
Response: 330968
Conc: 7.91 ng/ml



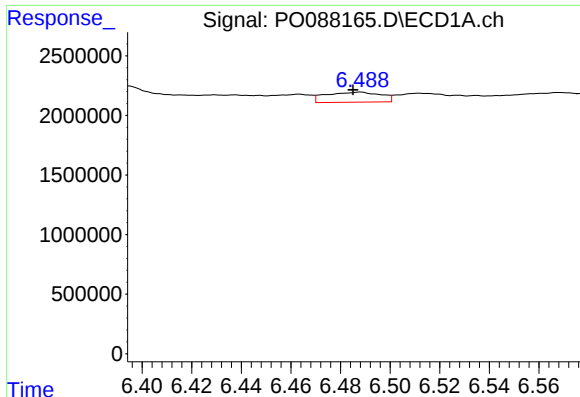
#25 AR-1248-5

R.T.: 6.568 min
Delta R.T.: 0.018 min
Response: 1633889
Conc: 18.17 ng/ml



#25 AR-1248-5

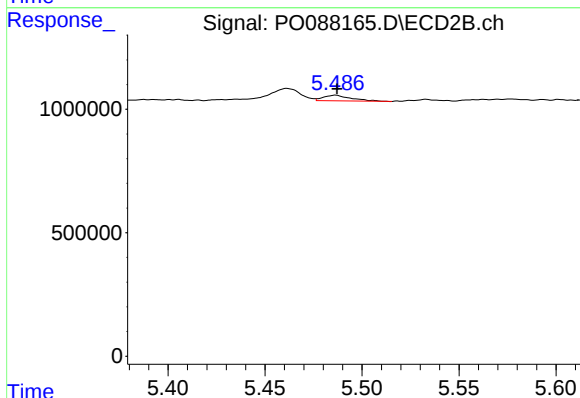
R.T.: 5.486 min
Delta R.T.: -0.041 min
Response: 227665
Conc: 6.32 ng/ml



#26 AR-1254-1

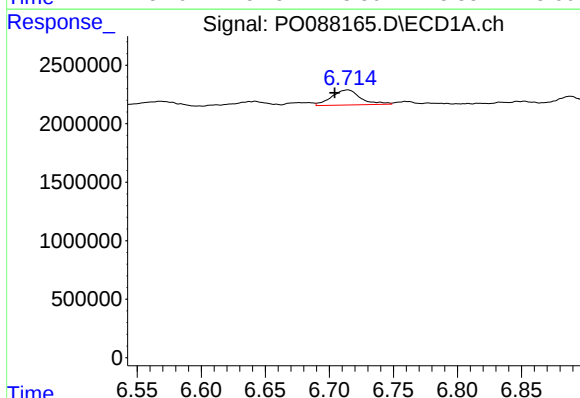
R.T.: 6.488 min
Delta R.T.: 0.003 min
Response: 1296430
Conc: 13.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



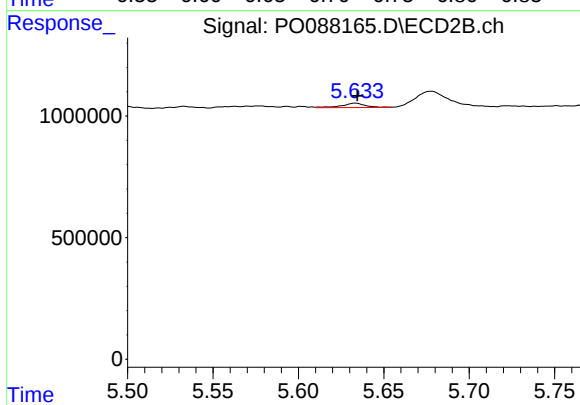
#26 AR-1254-1

R.T.: 5.486 min
Delta R.T.: 0.000 min
Response: 227665
Conc: 3.95 ng/ml



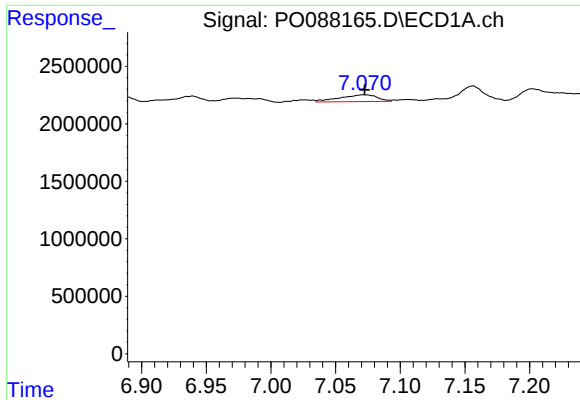
#27 AR-1254-2

R.T.: 6.714 min
Delta R.T.: 0.010 min
Response: 2042848
Conc: 14.23 ng/ml



#27 AR-1254-2

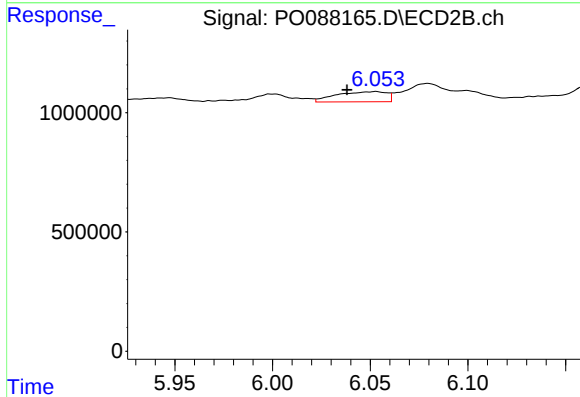
R.T.: 5.633 min
Delta R.T.: -0.001 min
Response: 180527
Conc: 3.52 ng/ml



#28 AR-1254-3

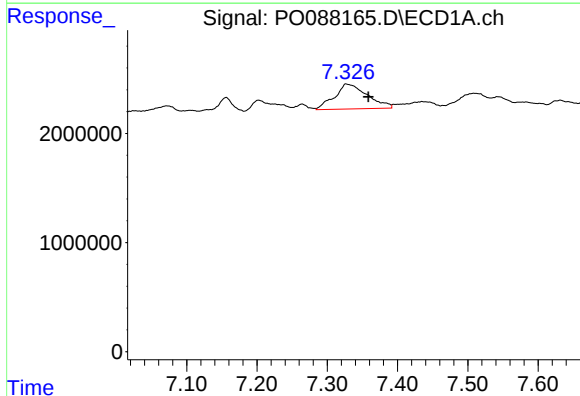
R.T.: 7.072 min
Delta R.T.: 0.000 min
Response: 1218670
Conc: 8.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



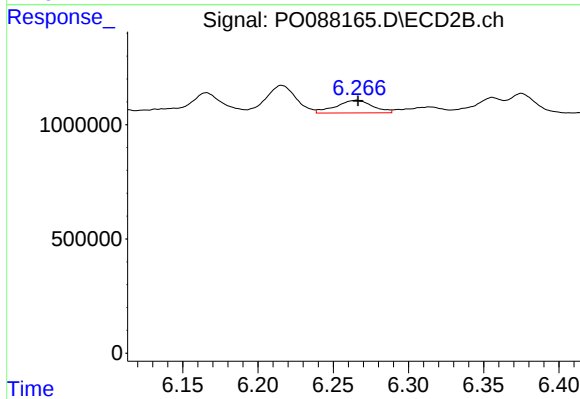
#28 AR-1254-3

R.T.: 6.053 min
Delta R.T.: 0.015 min
Response: 762080
Conc: 9.39 ng/ml



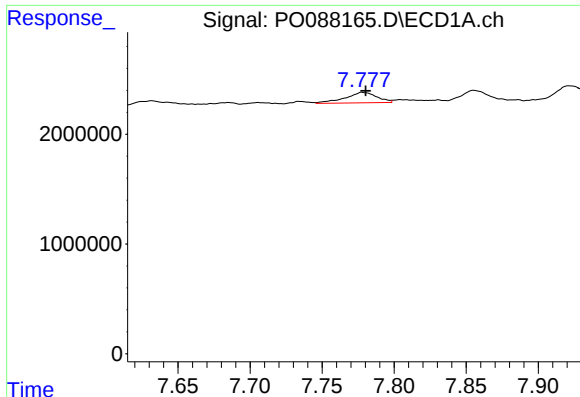
#29 AR-1254-4

R.T.: 7.327 min
Delta R.T.: -0.032 min
Response: 7442740
Conc: 68.77 ng/ml



#29 AR-1254-4

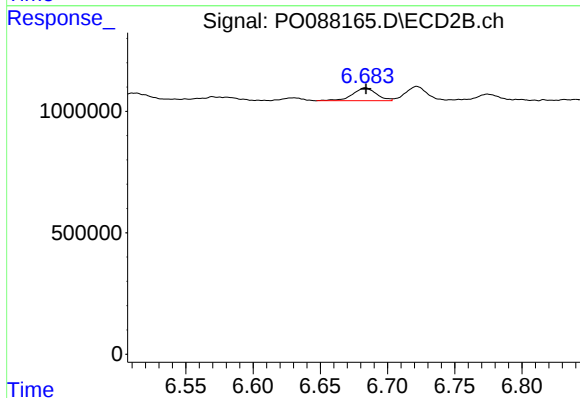
R.T.: 6.265 min
Delta R.T.: -0.001 min
Response: 946825
Conc: 18.98 ng/ml



#30 AR-1254-5

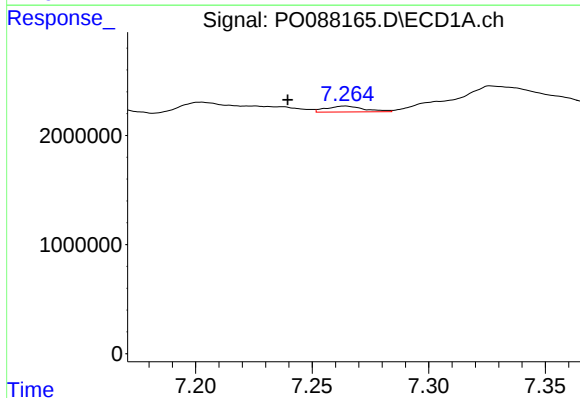
R.T.: 7.778 min
Delta R.T.: -0.002 min
Response: 1467398
Conc: 12.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



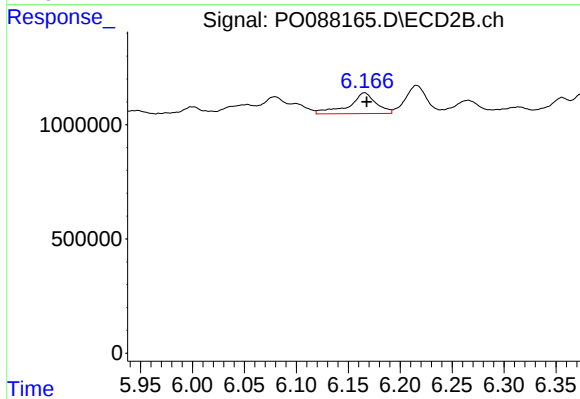
#30 AR-1254-5

R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 649601
Conc: 8.60 ng/ml



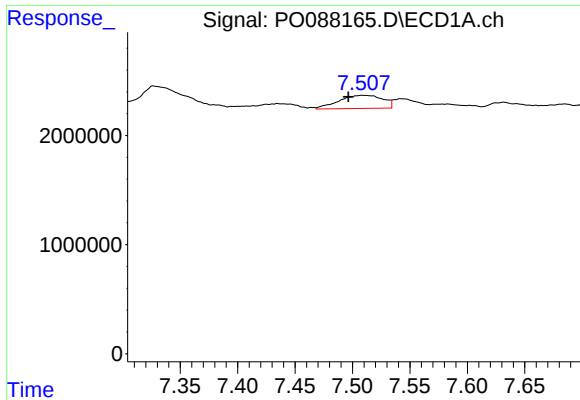
#31 AR-1260-1

R.T.: 7.264 min
Delta R.T.: 0.025 min
Response: 619765
Conc: 5.33 ng/ml



#31 AR-1260-1

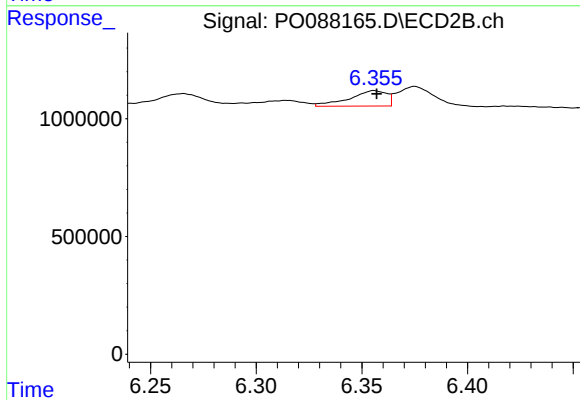
R.T.: 6.166 min
Delta R.T.: -0.002 min
Response: 1654712
Conc: 30.53 ng/ml



#32 AR-1260-2

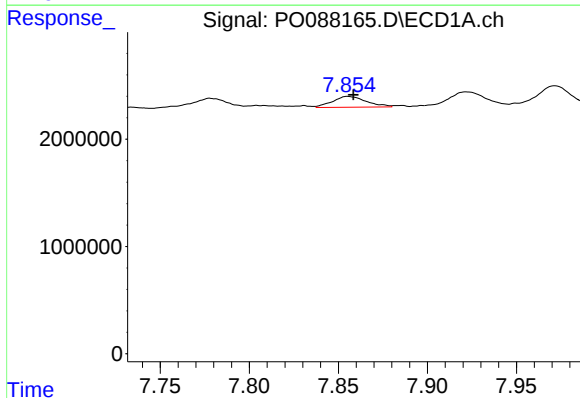
R.T.: 7.509 min
Delta R.T.: 0.012 min
Response: 3206468
Conc: 23.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



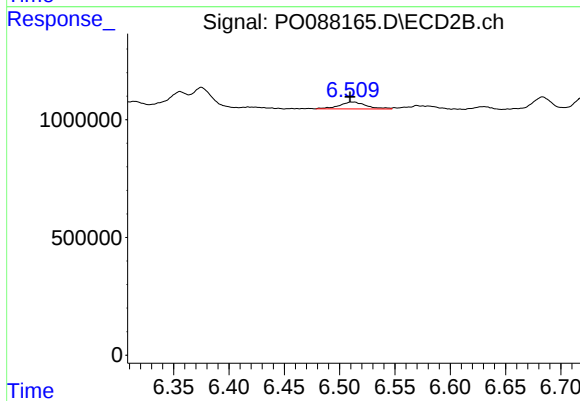
#32 AR-1260-2

R.T.: 6.356 min
Delta R.T.: -0.001 min
Response: 810122
Conc: 12.48 ng/ml



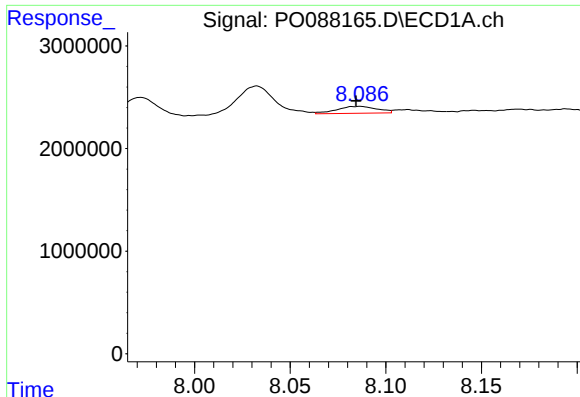
#33 AR-1260-3

R.T.: 7.855 min
Delta R.T.: -0.003 min
Response: 1339378
Conc: 14.63 ng/ml



#33 AR-1260-3

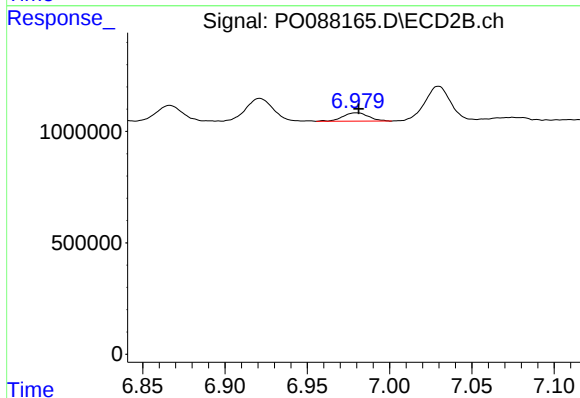
R.T.: 6.512 min
Delta R.T.: 0.002 min
Response: 500588
Conc: 8.05 ng/ml



#34 AR-1260-4

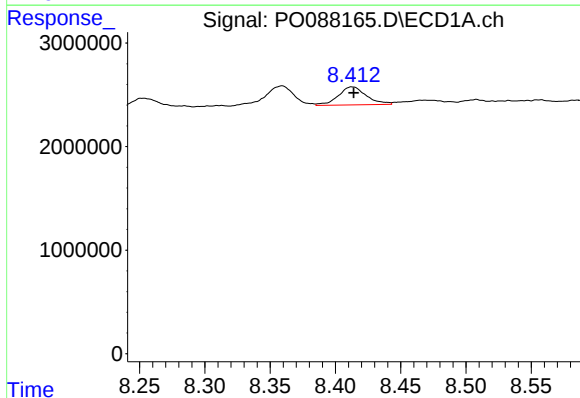
R.T.: 8.087 min
Delta R.T.: 0.002 min
Response: 986397
Conc: 9.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



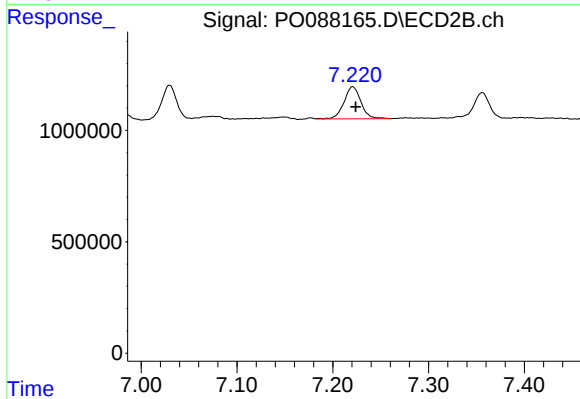
#34 AR-1260-4

R.T.: 6.980 min
Delta R.T.: -0.001 min
Response: 403466
Conc: 8.53 ng/ml



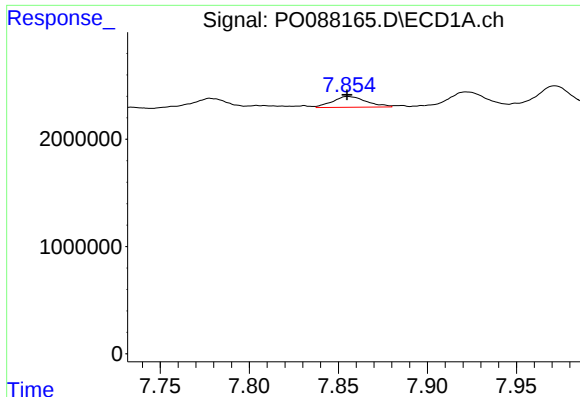
#35 AR-1260-5

R.T.: 8.413 min
Delta R.T.: -0.001 min
Response: 2608582
Conc: 12.71 ng/ml



#35 AR-1260-5

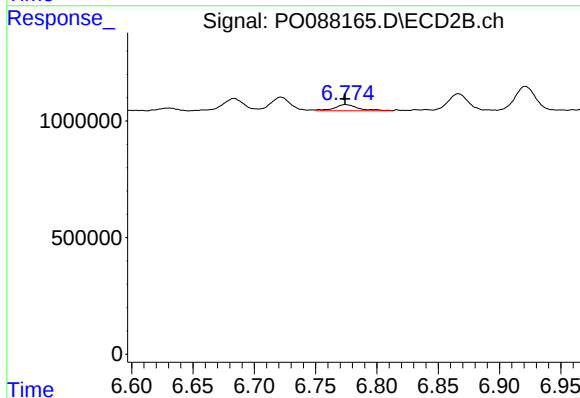
R.T.: 7.221 min
Delta R.T.: -0.003 min
Response: 1773841
Conc: 15.50 ng/ml



#36 AR-1262-1

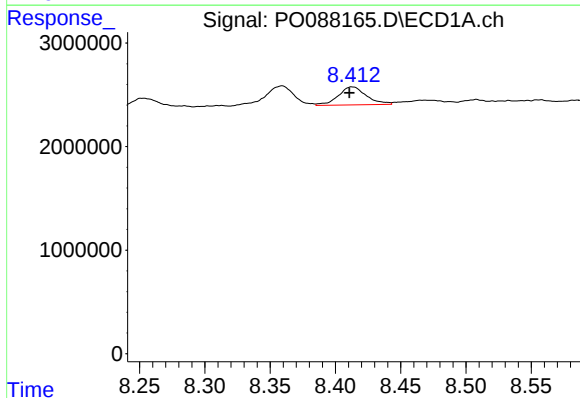
R.T.: 7.855 min
Delta R.T.: 0.000 min
Response: 1339378
Conc: 9.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



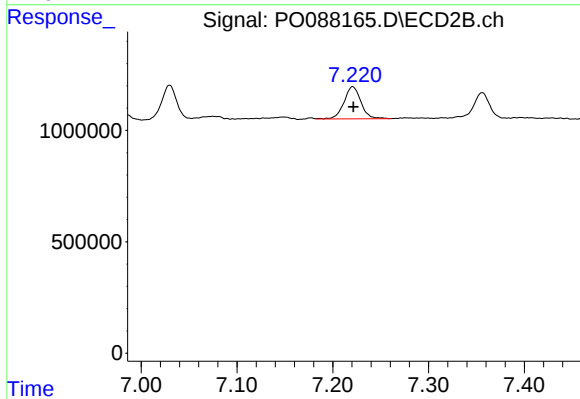
#36 AR-1262-1

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 363889
Conc: 12.01 ng/ml



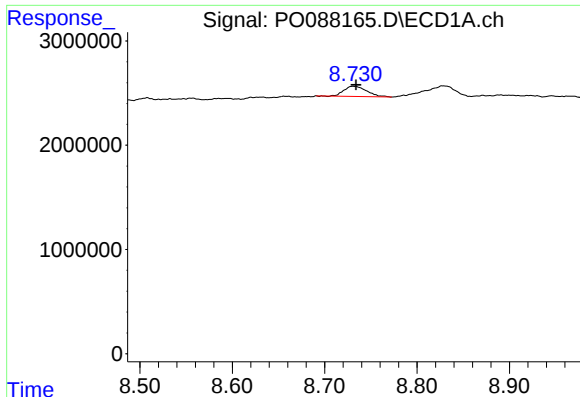
#37 AR-1262-2

R.T.: 8.413 min
Delta R.T.: 0.002 min
Response: 2608582
Conc: 11.08 ng/ml



#37 AR-1262-2

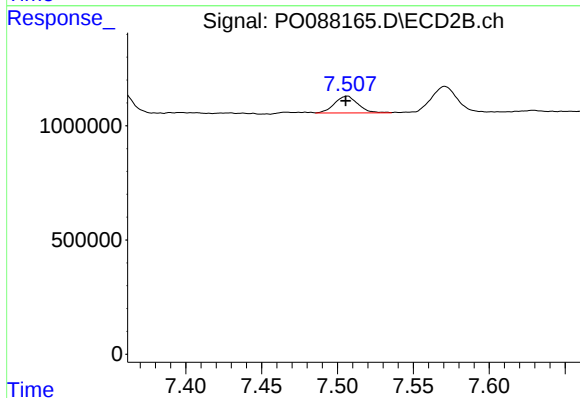
R.T.: 7.221 min
Delta R.T.: 0.000 min
Response: 1773841
Conc: 13.20 ng/ml



#38 AR-1262-3

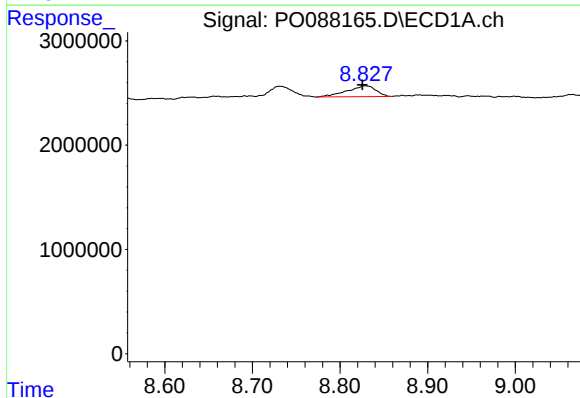
R.T.: 8.731 min
Delta R.T.: -0.002 min
Response: 1684744
Conc: 10.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



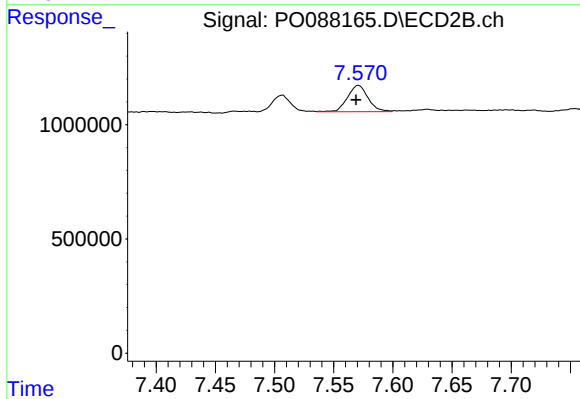
#38 AR-1262-3

R.T.: 7.506 min
Delta R.T.: 0.000 min
Response: 798125
Conc: 14.63 ng/ml



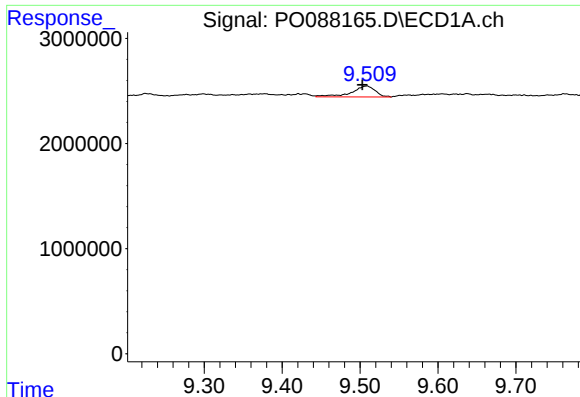
#39 AR-1262-4

R.T.: 8.828 min
Delta R.T.: 0.003 min
Response: 2388223
Conc: 28.61 ng/ml



#39 AR-1262-4

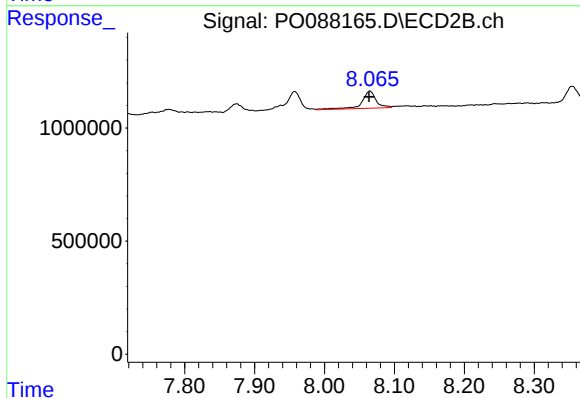
R.T.: 7.571 min
Delta R.T.: 0.002 min
Response: 1405370
Conc: 13.89 ng/ml



#40 AR-1262-5

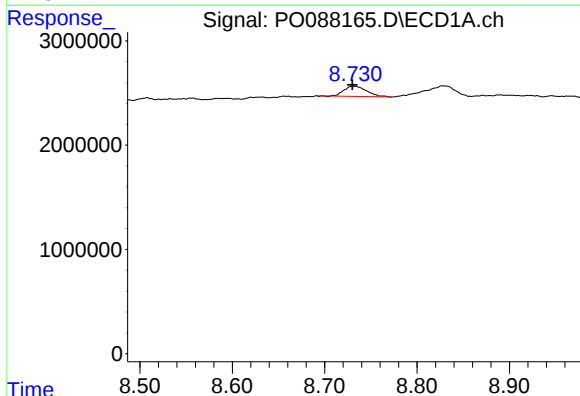
R.T.: 9.509 min
Delta R.T.: 0.006 min
Response: 2176995
Conc: 24.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



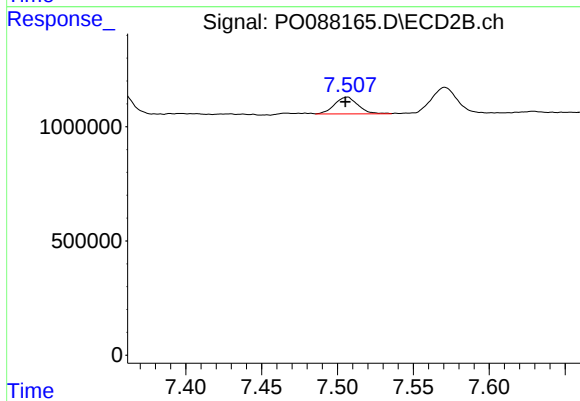
#40 AR-1262-5

R.T.: 8.065 min
Delta R.T.: 0.001 min
Response: 1078263
Conc: 21.95 ng/ml



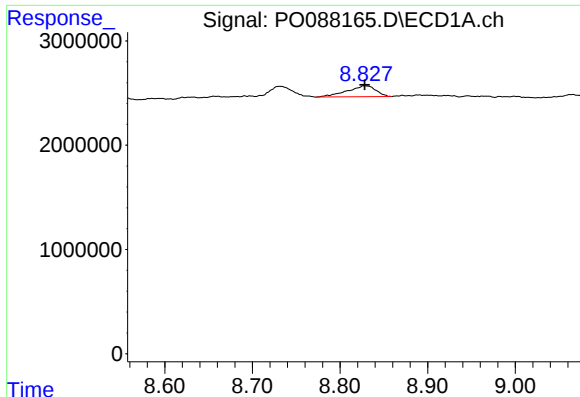
#41 AR-1268-1

R.T.: 8.731 min
Delta R.T.: 0.001 min
Response: 1684744
Conc: 5.96 ng/ml



#41 AR-1268-1

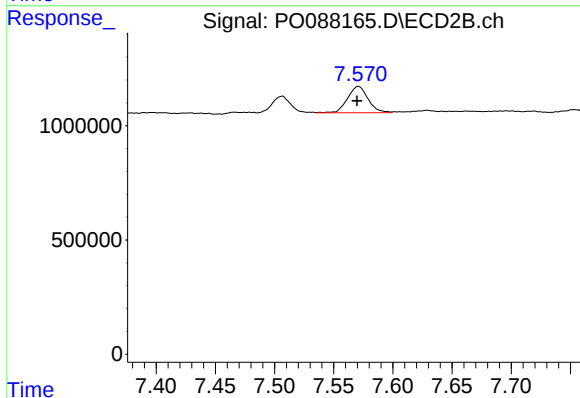
R.T.: 7.506 min
Delta R.T.: 0.001 min
Response: 798125
Conc: 5.04 ng/ml



#42 AR-1268-2

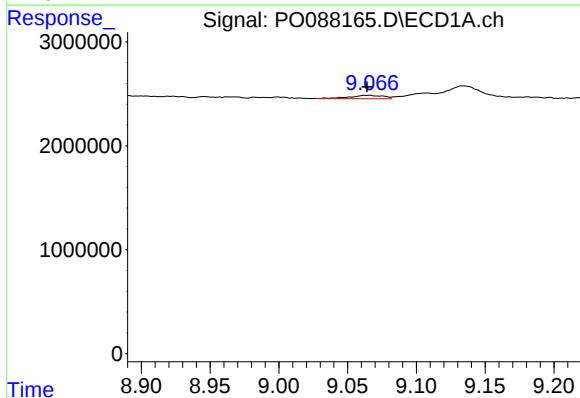
R.T.: 8.828 min
Delta R.T.: 0.000 min
Response: 2388223
Conc: 9.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



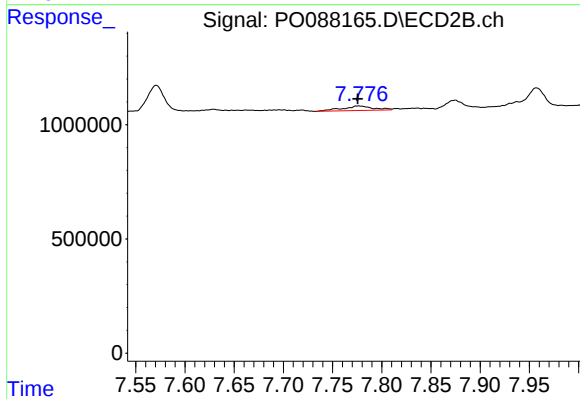
#42 AR-1268-2

R.T.: 7.571 min
Delta R.T.: 0.001 min
Response: 1405370
Conc: 9.77 ng/ml



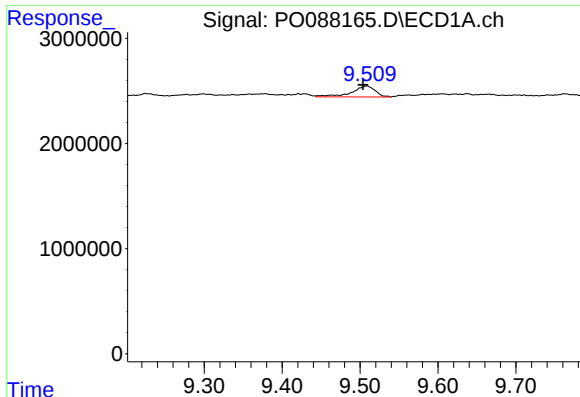
#43 AR-1268-3

R.T.: 9.066 min
Delta R.T.: 0.002 min
Response: 561815
Conc: 2.51 ng/ml



#43 AR-1268-3

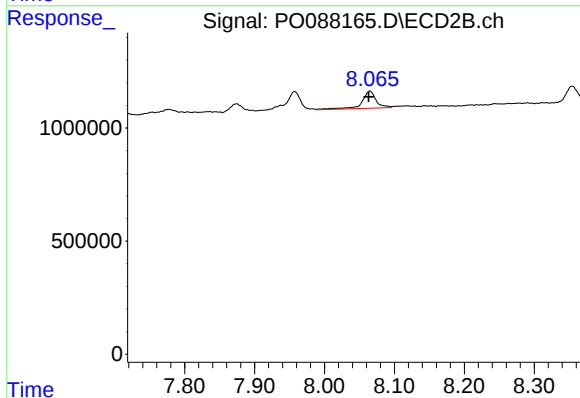
R.T.: 7.777 min
Delta R.T.: 0.001 min
Response: 433700
Conc: 3.48 ng/ml



#44 AR-1268-4

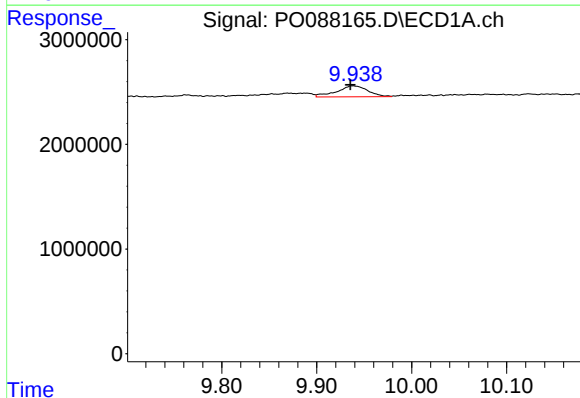
R.T.: 9.509 min
Delta R.T.: 0.005 min
Response: 2176995
Conc: 22.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



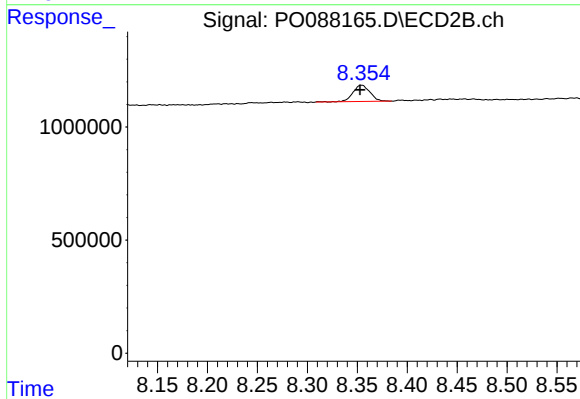
#44 AR-1268-4

R.T.: 8.065 min
Delta R.T.: 0.002 min
Response: 1078263
Conc: 20.10 ng/ml



#45 AR-1268-5

R.T.: 9.938 min
Delta R.T.: 0.002 min
Response: 2391228
Conc: 3.29 ng/ml



#45 AR-1268-5

R.T.: 8.354 min
Delta R.T.: 0.002 min
Response: 850138
Conc: 2.20 ng/ml