

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111023\
 Data File : P0099589.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Nov 2023 16:18
 Operator : YP/AJ
 Sample : 05314-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 22:31:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0110923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 10 11:13:12 2023
 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...	4.493	3.722	36454218	25816588	21.176	21.295
2) SA Decachlor...	10.379	8.837	16401422	18657433	25.695	25.401
Target Compounds						
3) L1 AR-1016-1	5.678	4.830	311590	230270	8.018	8.563
4) L1 AR-1016-2	5.708	4.849	464646	115426	7.255	3.167 #
5) L1 AR-1016-3	5.767	5.032	74020	140236	1.708	6.997 #
6) L1 AR-1016-4	5.859	5.071	179774	2221643	5.785	133.686 #
7) L1 AR-1016-5	6.164	5.288	1543103	1085866	50.740	52.565
8) L2 AR-1221-1	4.706	3.874f	359845	217620	18.893	14.854
9) L2 AR-1221-2	4.805	4.029	492710	334217	34.977	36.492
10) L2 AR-1221-3	4.877	4.103	41184	116489	0.993	3.764 #
11) L3 AR-1232-1	4.877	4.103	41184	116489	1.223	4.506 #
12) L3 AR-1232-2	5.407	4.849	64271	115426	3.852	6.663 #
13) L3 AR-1232-3	5.708	5.032	464646	140236	16.379	15.968
14) L3 AR-1232-4	5.859	5.113	179774	704046	13.329	86.804 #
15) L3 AR-1232-5	5.957	5.288	3865136	1085866	337.118	126.942 #
16) L4 AR-1242-1	5.678	4.830	311590	230270	9.936	10.406
17) L4 AR-1242-2	5.708	4.849	464646	115426	9.008	3.877 #
18) L4 AR-1242-3	5.767	5.032	74020	140236	2.124	8.500 #
19) L4 AR-1242-4	5.859	5.113	179774	704046	7.109	41.788 #
20) L4 AR-1242-5	6.616	5.646	321824	1710122	15.730	97.962 #
21) L5 AR-1248-1	5.678	4.830	311590	230270	13.195	13.339
22) L5 AR-1248-2	5.957	5.071	3865136	2221643	99.407	94.368
23) L5 AR-1248-3	6.164	5.113	1543103	704046	37.193	28.421
24) L5 AR-1248-4	6.573	5.288	576956	1085866	15.021	39.385 #
25) L5 AR-1248-5	6.616	5.689	321824	380007	8.487	16.653 #
26) L6 AR-1254-1	6.546	5.646	1636400	1710122	36.362	47.014 #
27) L6 AR-1254-2	6.768	5.796	2792185	1467492	44.277	45.174
28) L6 AR-1254-3	7.138	6.206	2749741	1557529	47.210	28.725 #
29) L6 AR-1254-4	7.428	6.436	959607	1010117	28.156	35.868 #
30) L6 AR-1254-5	7.852	6.859	1098800	1220471	28.082	25.048
31) L7 AR-1260-1	7.304	6.338	851869	1071722	17.139	24.849 #
32) L7 AR-1260-2	7.562	6.527	1240453	1078251	24.285	23.012
33) L7 AR-1260-3	7.916	6.682	325242	455731	9.072	9.985
34) L7 AR-1260-4	8.136	7.154	603807	69334	15.295	1.887 #
35) L7 AR-1260-5	8.496	7.380	173946	316408	2.904	4.341 #
36) L8 AR-1262-1	7.852	6.859	1098800	1220471	34.786	49.652 #
37) L8 AR-1262-2	8.496	7.154	173946	69334	2.351	1.399 #
38) L8 AR-1262-3	8.811	7.664	77342	34225	1.506	0.926 #
39) L8 AR-1262-4	8.906	7.752	476673	-100143	12.261	N.D. #
40) L8 AR-1262-5	9.588	0.000	469931	0	22.111	N.D. #
41) L9 AR-1268-1	8.811	7.664	77342	34225	0.768	0.311 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0111023\
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Instrument :
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 Quant Time: Nov 10 22:31:38 2023
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 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
 Integrator: ChemStation

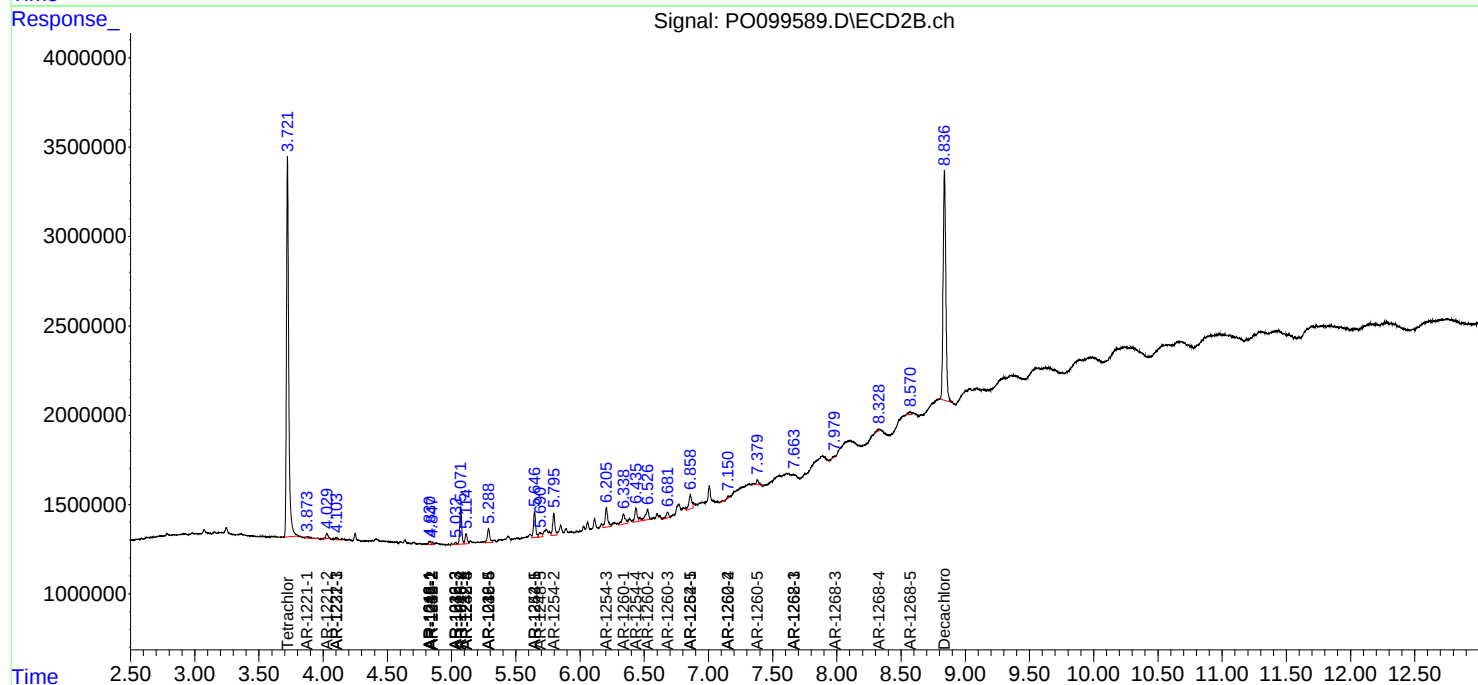
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

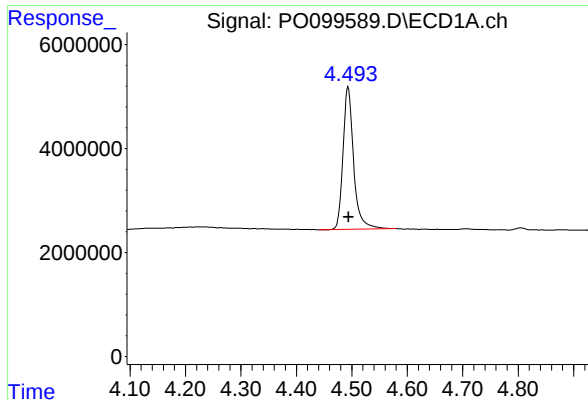
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.906	7.752	476673	-100143	5.619	N.D. #
43) L9	AR-1268-3	9.161	7.979	108378	34164	1.271	0.361 #
44) L9	AR-1268-4	9.588	8.329f	469931	173737	19.329	5.799 #
45) L9	AR-1268-5	10.024	8.571	34054	268976	0.160	1.069 #

(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

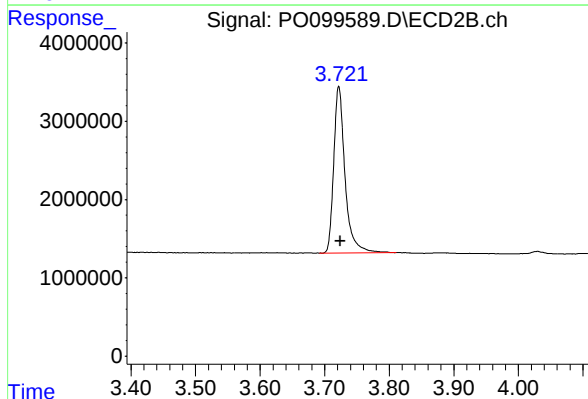




#1 Tetrachloro-m-xylene

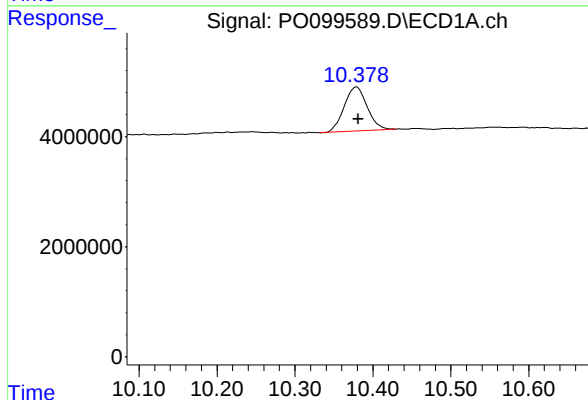
R.T.: 4.493 min
Delta R.T.: 0.000 min
Response: 36454218
Conc: 21.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



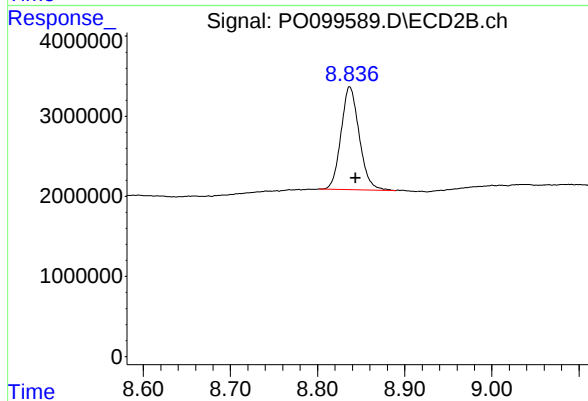
#1 Tetrachloro-m-xylene

R.T.: 3.722 min
Delta R.T.: -0.002 min
Response: 25816588
Conc: 21.29 ng/ml



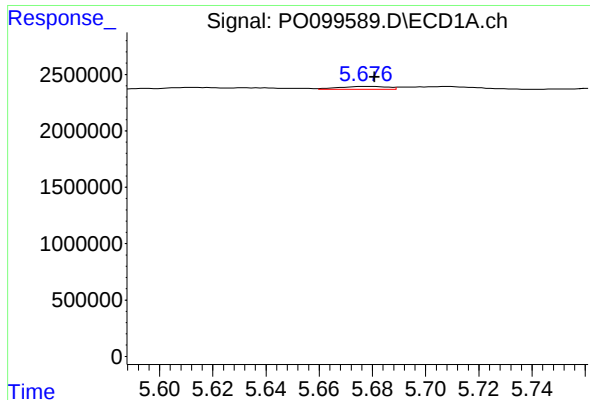
#2 Decachlorobiphenyl

R.T.: 10.379 min
Delta R.T.: -0.003 min
Response: 16401422
Conc: 25.70 ng/ml



#2 Decachlorobiphenyl

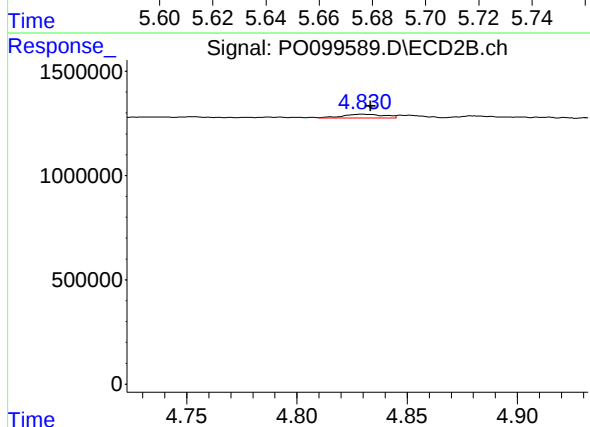
R.T.: 8.837 min
Delta R.T.: -0.007 min
Response: 18657433
Conc: 25.40 ng/ml



#3 AR-1016-1

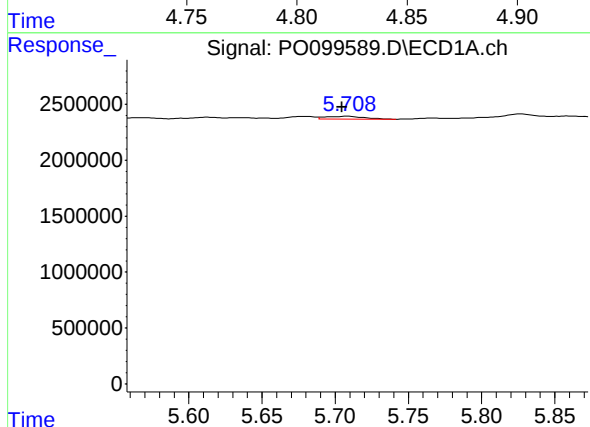
R.T.: 5.678 min
Delta R.T.: -0.003 min
Response: 311590
Conc: 8.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



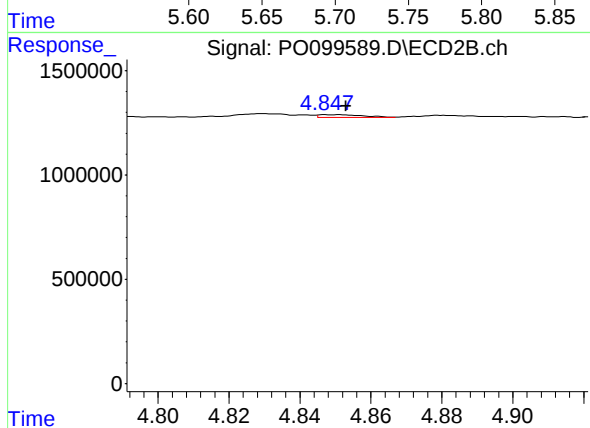
#3 AR-1016-1

R.T.: 4.830 min
Delta R.T.: -0.004 min
Response: 230270
Conc: 8.56 ng/ml



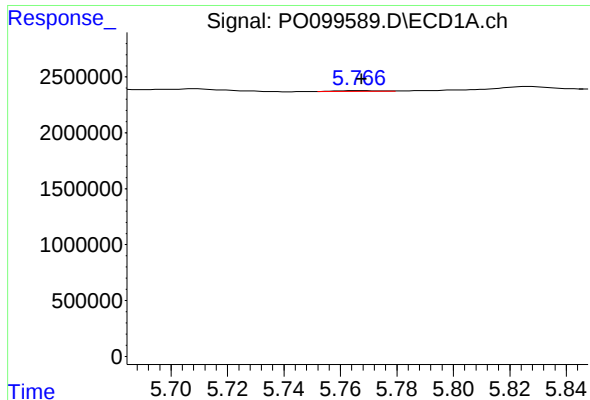
#4 AR-1016-2

R.T.: 5.708 min
Delta R.T.: 0.004 min
Response: 464646
Conc: 7.25 ng/ml



#4 AR-1016-2

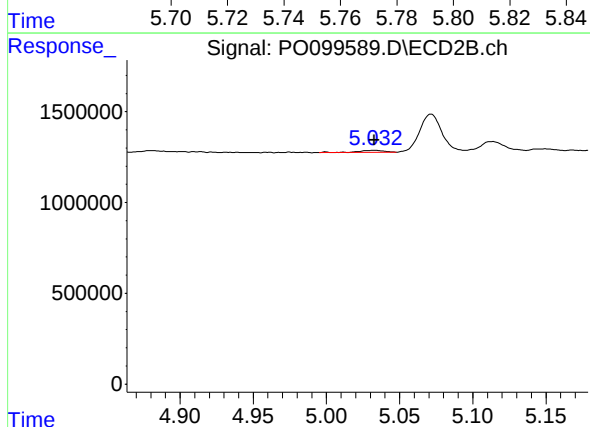
R.T.: 4.849 min
Delta R.T.: -0.004 min
Response: 115426
Conc: 3.17 ng/ml



#5 AR-1016-3

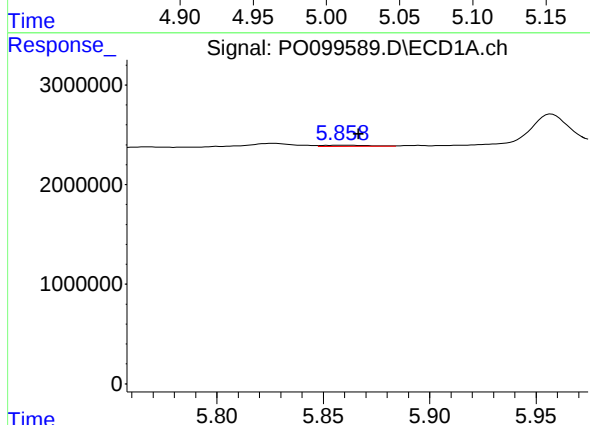
R.T.: 5.767 min
Delta R.T.: 0.000 min
Response: 74020
Conc: 1.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



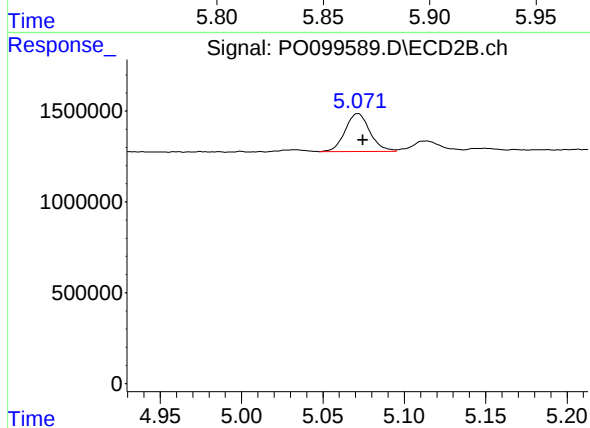
#5 AR-1016-3

R.T.: 5.032 min
Delta R.T.: 0.000 min
Response: 140236
Conc: 7.00 ng/ml



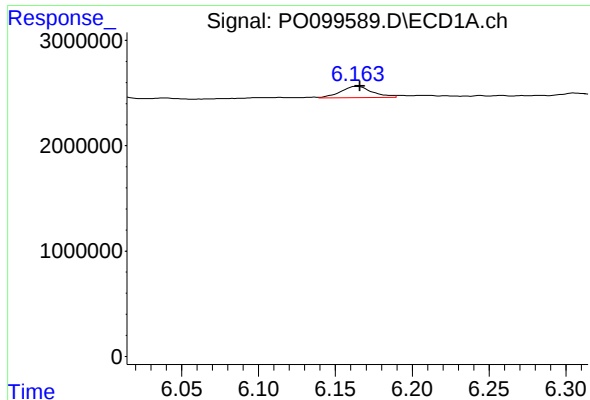
#6 AR-1016-4

R.T.: 5.859 min
Delta R.T.: -0.008 min
Response: 179774
Conc: 5.78 ng/ml



#6 AR-1016-4

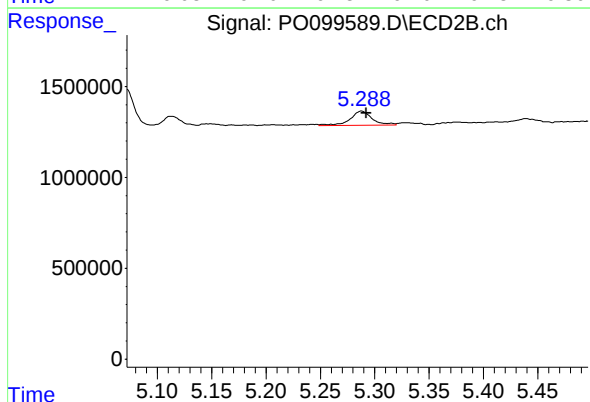
R.T.: 5.071 min
Delta R.T.: -0.003 min
Response: 2221643
Conc: 133.69 ng/ml



#7 AR-1016-5

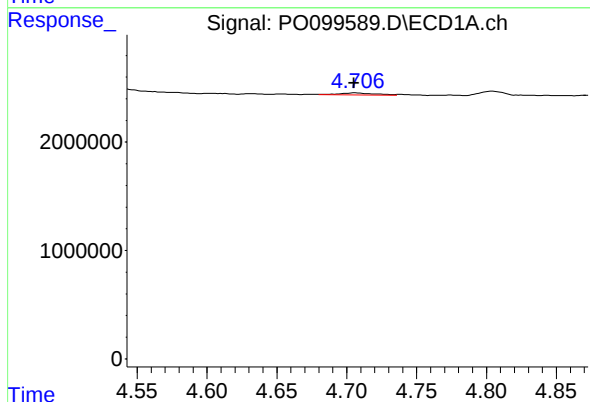
R.T.: 6.164 min
Delta R.T.: -0.002 min
Response: 1543103
Conc: 50.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



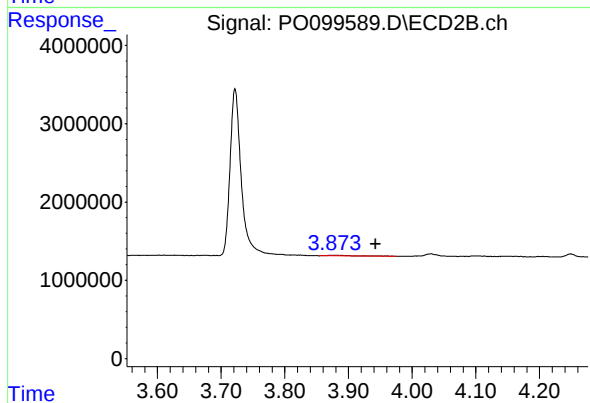
#7 AR-1016-5

R.T.: 5.288 min
Delta R.T.: -0.004 min
Response: 1085866
Conc: 52.57 ng/ml



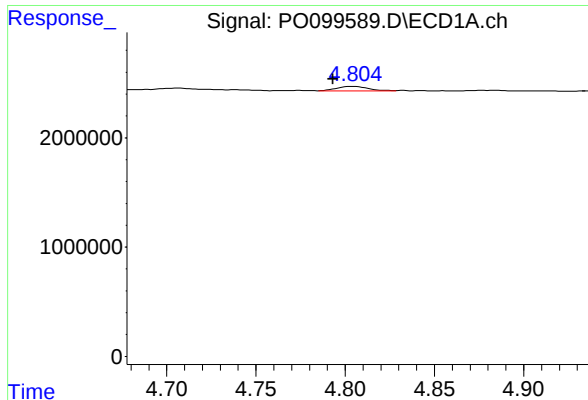
#8 AR-1221-1

R.T.: 4.706 min
Delta R.T.: 0.001 min
Response: 359845
Conc: 18.89 ng/ml



#8 AR-1221-1

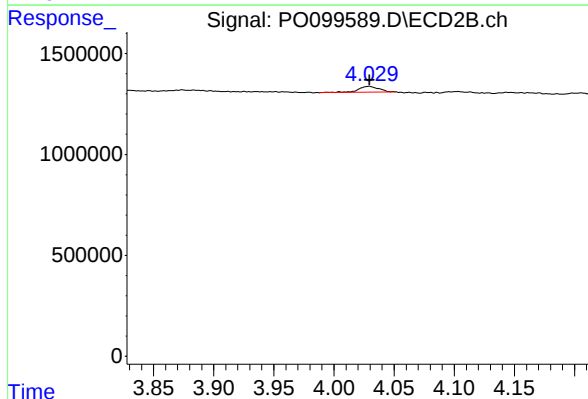
R.T.: 3.874 min
Delta R.T.: -0.069 min
Response: 217620
Conc: 14.85 ng/ml



#9 AR-1221-2

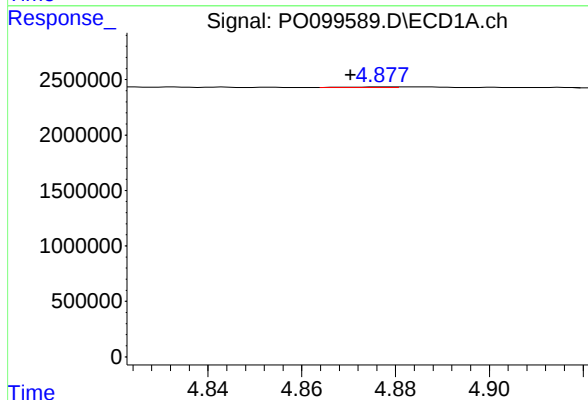
R.T.: 4.805 min
Delta R.T.: 0.011 min
Response: 492710
Conc: 34.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



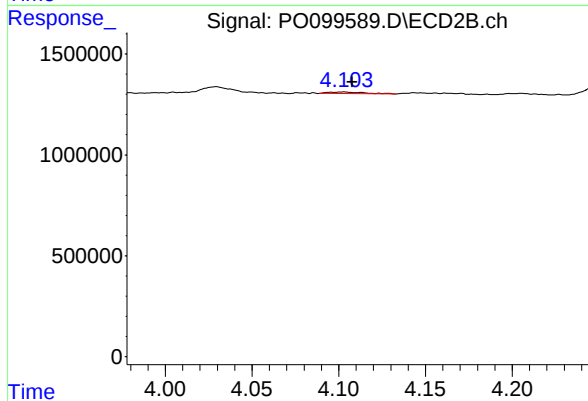
#9 AR-1221-2

R.T.: 4.029 min
Delta R.T.: 0.000 min
Response: 334217
Conc: 36.49 ng/ml



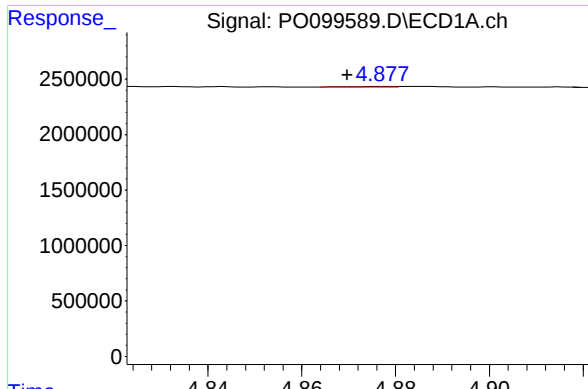
#10 AR-1221-3

R.T.: 4.877 min
Delta R.T.: 0.006 min
Response: 41184
Conc: 0.99 ng/ml



#10 AR-1221-3

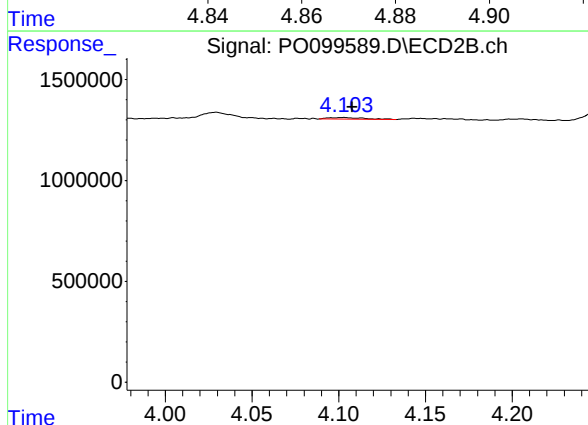
R.T.: 4.103 min
Delta R.T.: -0.005 min
Response: 116489
Conc: 3.76 ng/ml



#11 AR-1232-1

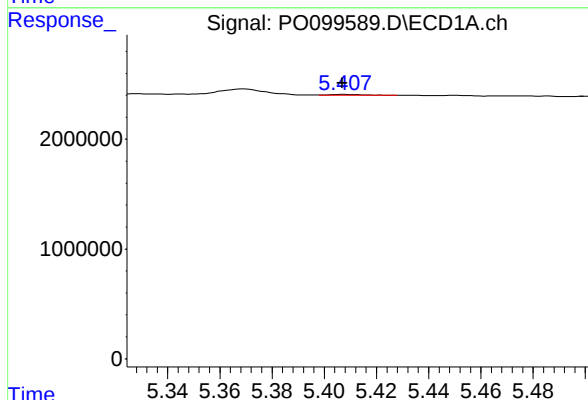
R.T.: 4.877 min
Delta R.T.: 0.007 min
Response: 41184
Conc: 1.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



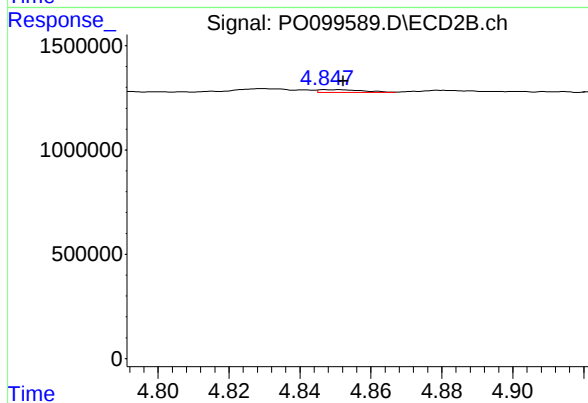
#11 AR-1232-1

R.T.: 4.103 min
Delta R.T.: -0.005 min
Response: 116489
Conc: 4.51 ng/ml



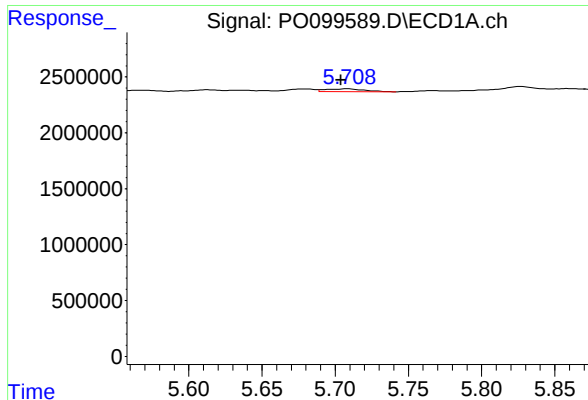
#12 AR-1232-2

R.T.: 5.407 min
Delta R.T.: 0.000 min
Response: 64271
Conc: 3.85 ng/ml



#12 AR-1232-2

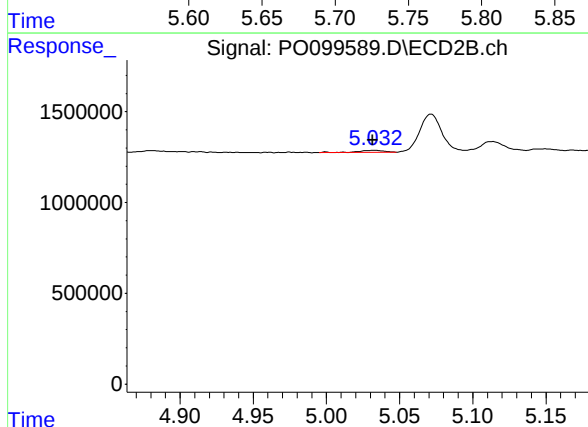
R.T.: 4.849 min
Delta R.T.: -0.003 min
Response: 115426
Conc: 6.66 ng/ml



#13 AR-1232-3

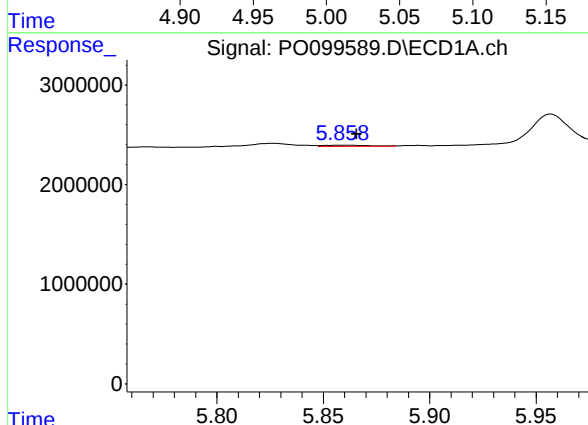
R.T.: 5.708 min
Delta R.T.: 0.004 min
Response: 464646
Conc: 16.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



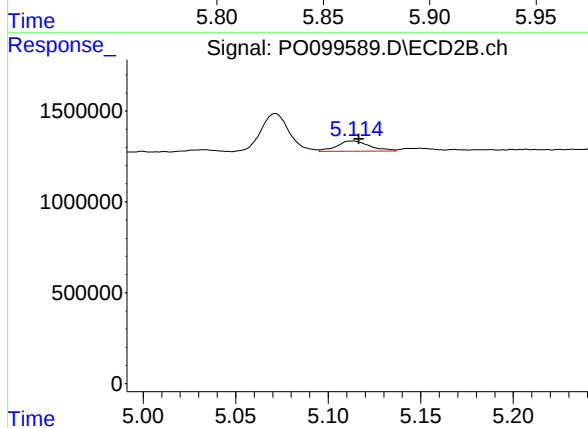
#13 AR-1232-3

R.T.: 5.032 min
Delta R.T.: 0.000 min
Response: 140236
Conc: 15.97 ng/ml



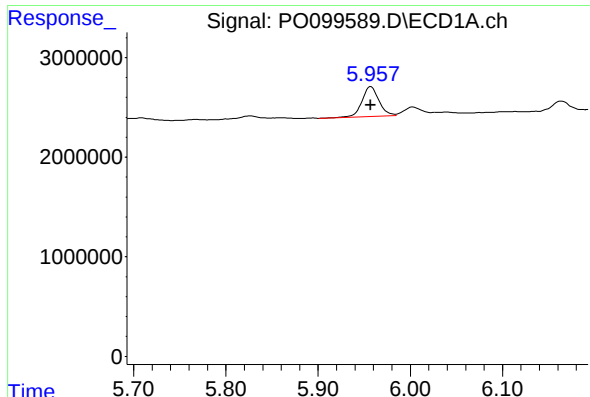
#14 AR-1232-4

R.T.: 5.859 min
Delta R.T.: -0.007 min
Response: 179774
Conc: 13.33 ng/ml



#14 AR-1232-4

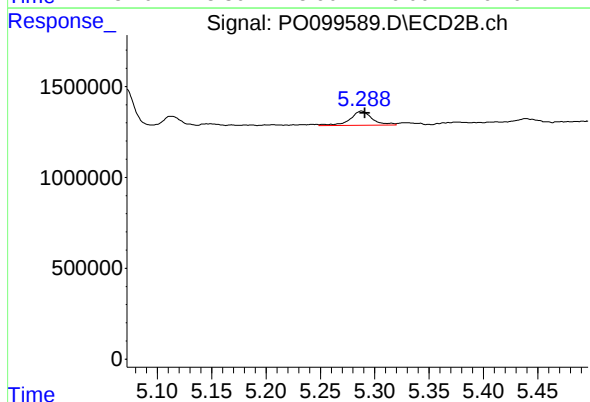
R.T.: 5.113 min
Delta R.T.: -0.004 min
Response: 704046
Conc: 86.80 ng/ml



#15 AR-1232-5

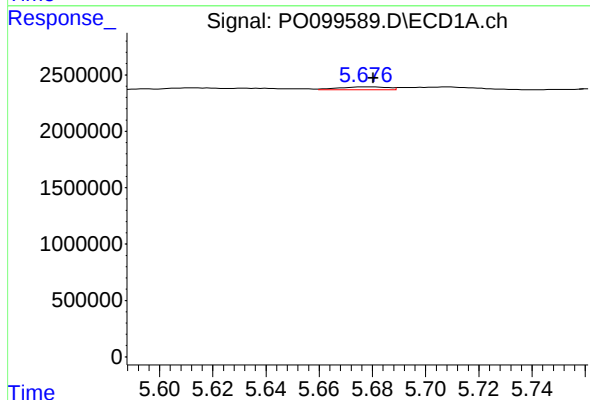
R.T.: 5.957 min
Delta R.T.: 0.000 min
Response: 3865136
Conc: 337.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



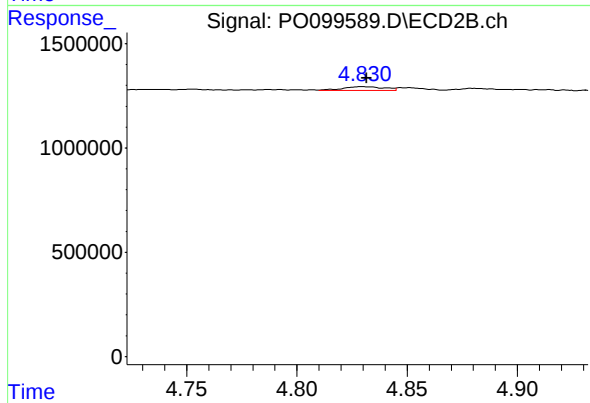
#15 AR-1232-5

R.T.: 5.288 min
Delta R.T.: -0.003 min
Response: 1085866
Conc: 126.94 ng/ml



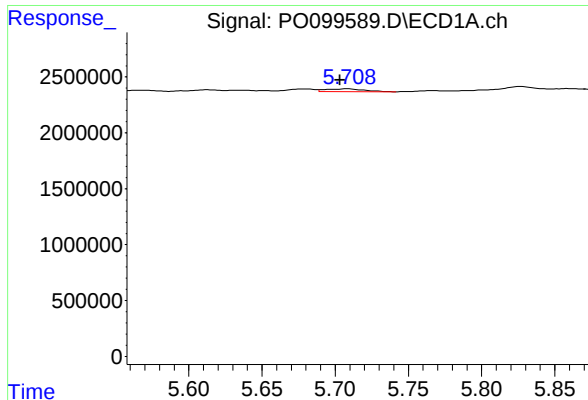
#16 AR-1242-1

R.T.: 5.678 min
Delta R.T.: -0.003 min
Response: 311590
Conc: 9.94 ng/ml



#16 AR-1242-1

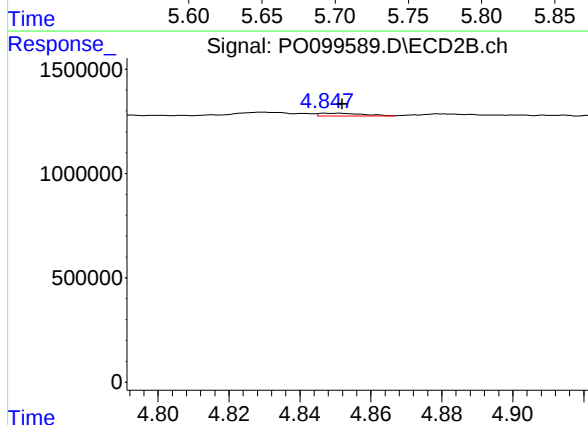
R.T.: 4.830 min
Delta R.T.: -0.002 min
Response: 230270
Conc: 10.41 ng/ml



#17 AR-1242-2

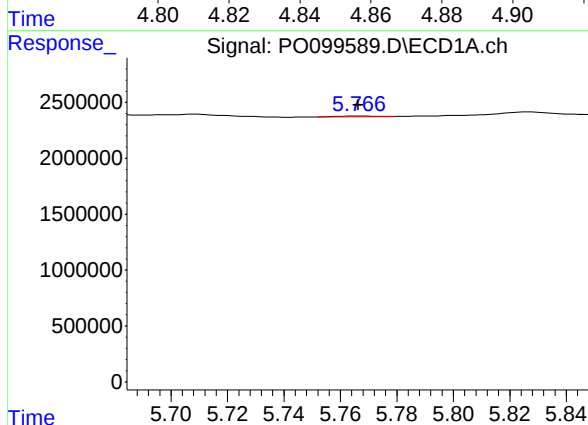
R.T.: 5.708 min
Delta R.T.: 0.005 min
Response: 464646
Conc: 9.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



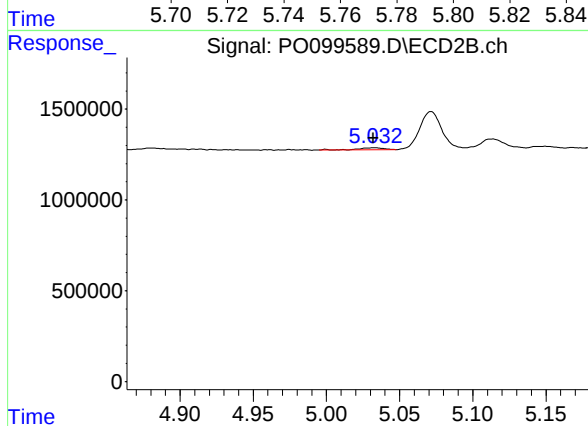
#17 AR-1242-2

R.T.: 4.849 min
Delta R.T.: -0.003 min
Response: 115426
Conc: 3.88 ng/ml



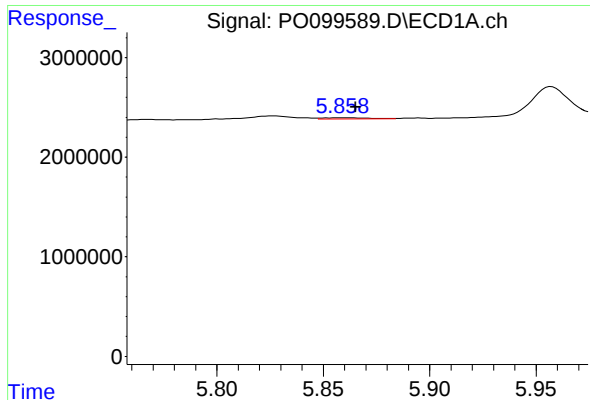
#18 AR-1242-3

R.T.: 5.767 min
Delta R.T.: 0.000 min
Response: 74020
Conc: 2.12 ng/ml



#18 AR-1242-3

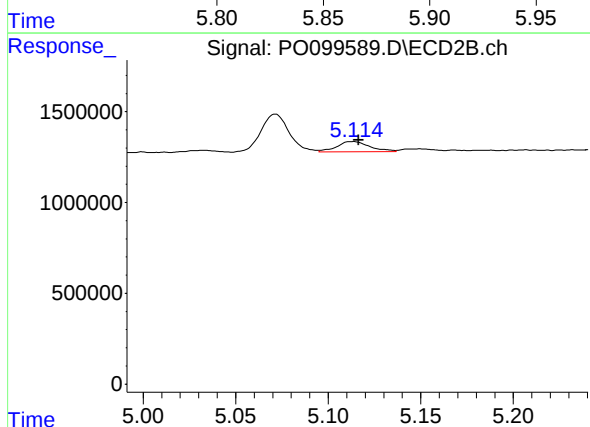
R.T.: 5.032 min
Delta R.T.: 0.000 min
Response: 140236
Conc: 8.50 ng/ml



#19 AR-1242-4

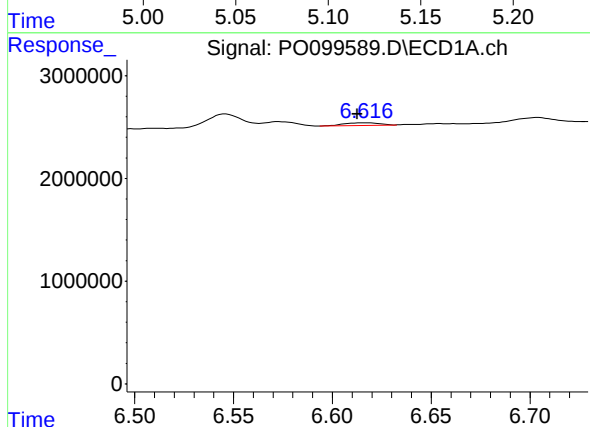
R.T.: 5.859 min
Delta R.T.: -0.007 min
Response: 179774
Conc: 7.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



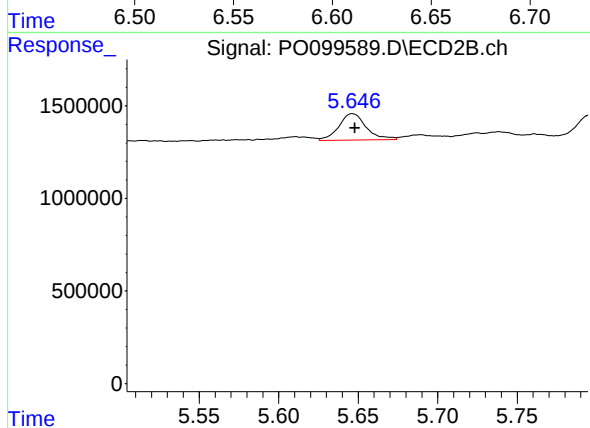
#19 AR-1242-4

R.T.: 5.113 min
Delta R.T.: -0.003 min
Response: 704046
Conc: 41.79 ng/ml



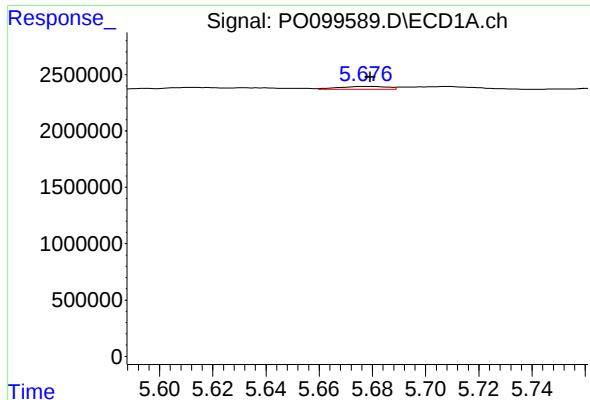
#20 AR-1242-5

R.T.: 6.616 min
Delta R.T.: 0.004 min
Response: 321824
Conc: 15.73 ng/ml



#20 AR-1242-5

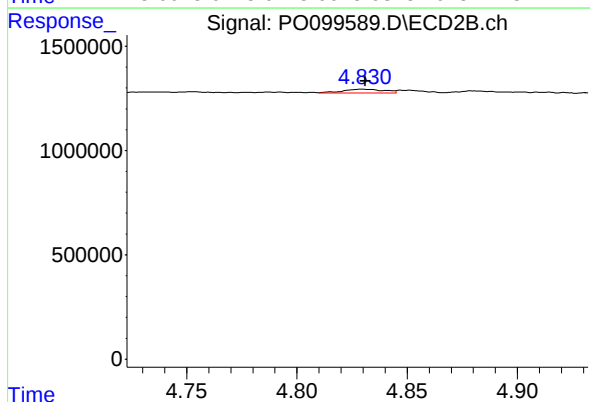
R.T.: 5.646 min
Delta R.T.: -0.001 min
Response: 1710122
Conc: 97.96 ng/ml



#21 AR-1248-1

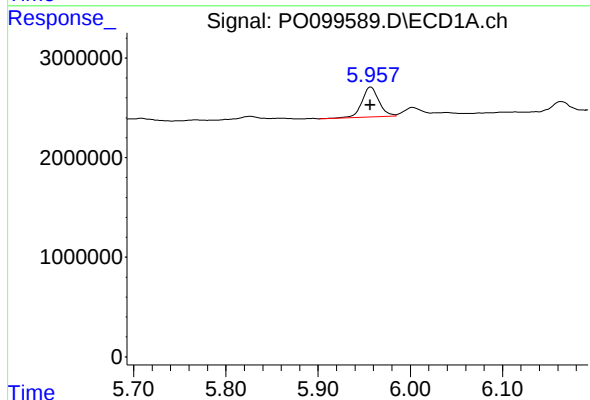
R.T.: 5.678 min
Delta R.T.: -0.002 min
Response: 311590
Conc: 13.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



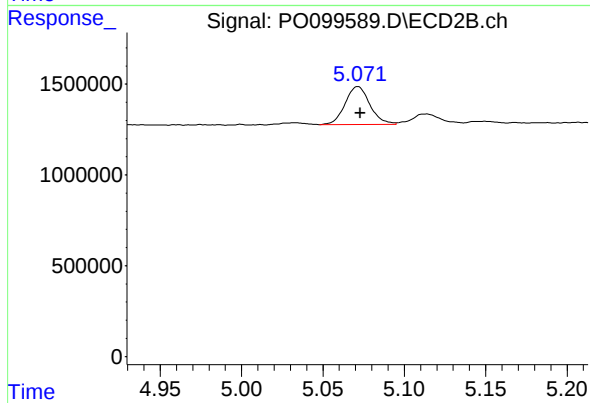
#21 AR-1248-1

R.T.: 4.830 min
Delta R.T.: -0.001 min
Response: 230270
Conc: 13.34 ng/ml



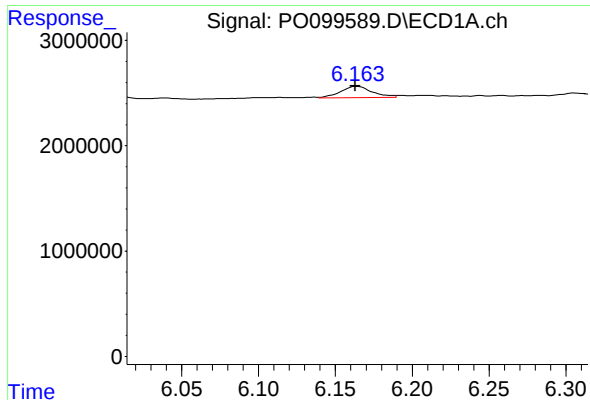
#22 AR-1248-2

R.T.: 5.957 min
Delta R.T.: 0.000 min
Response: 3865136
Conc: 99.41 ng/ml



#22 AR-1248-2

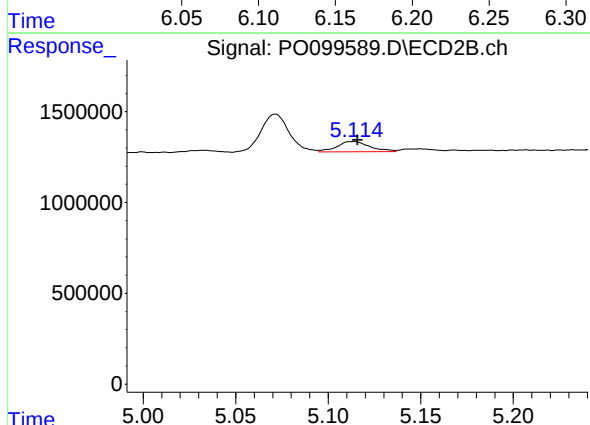
R.T.: 5.071 min
Delta R.T.: -0.001 min
Response: 2221643
Conc: 94.37 ng/ml



#23 AR-1248-3

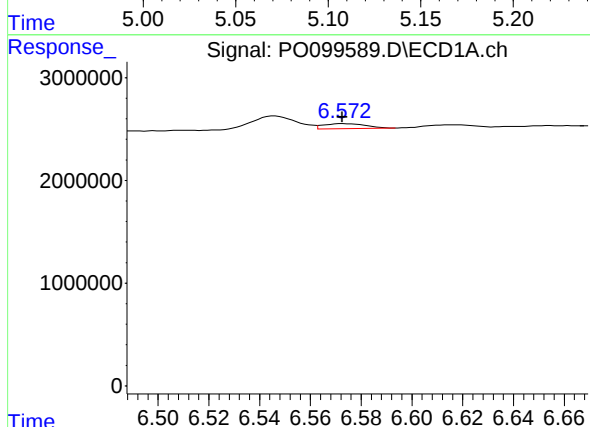
R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 1543103
Conc: 37.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



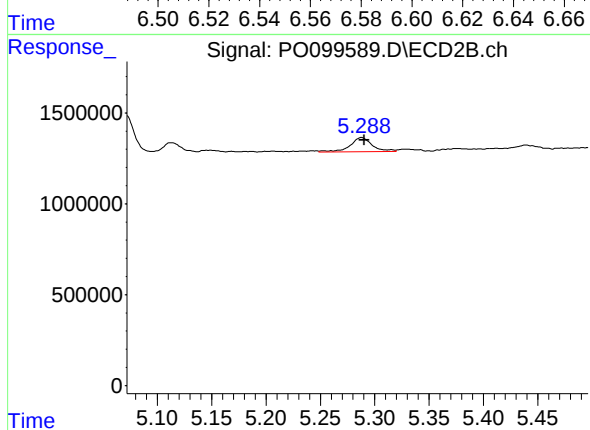
#23 AR-1248-3

R.T.: 5.113 min
Delta R.T.: -0.003 min
Response: 704046
Conc: 28.42 ng/ml



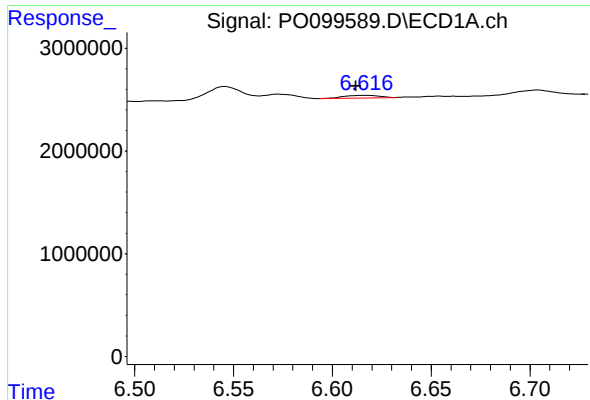
#24 AR-1248-4

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 576956
Conc: 15.02 ng/ml



#24 AR-1248-4

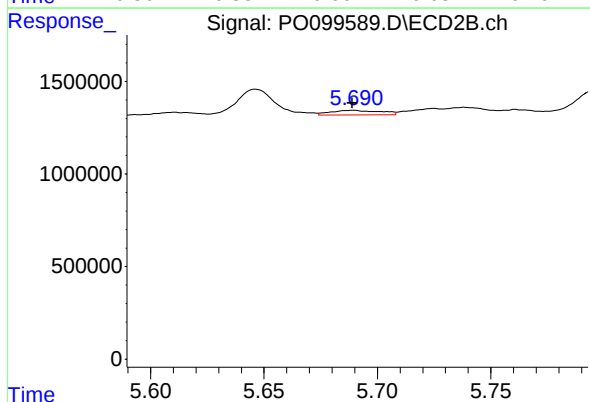
R.T.: 5.288 min
Delta R.T.: -0.002 min
Response: 1085866
Conc: 39.39 ng/ml



#25 AR-1248-5

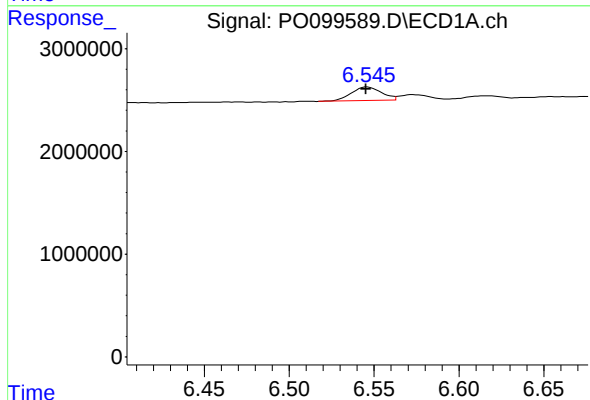
R.T.: 6.616 min
Delta R.T.: 0.004 min
Response: 321824
Conc: 8.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



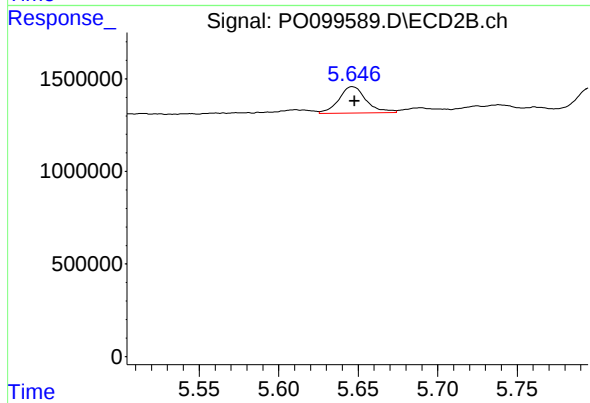
#25 AR-1248-5

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 380007
Conc: 16.65 ng/ml



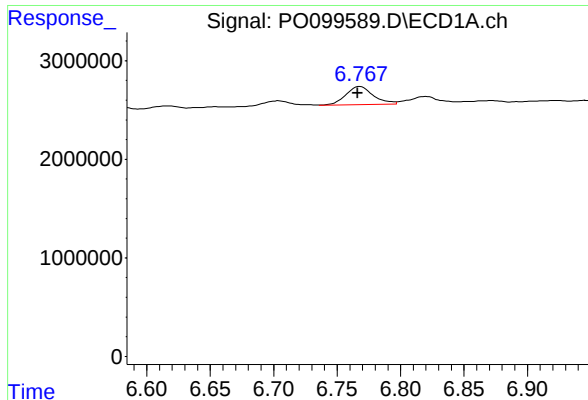
#26 AR-1254-1

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 1636400
Conc: 36.36 ng/ml



#26 AR-1254-1

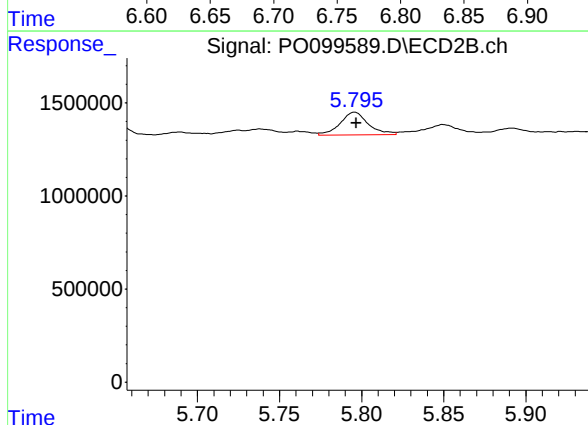
R.T.: 5.646 min
Delta R.T.: -0.001 min
Response: 1710122
Conc: 47.01 ng/ml



#27 AR-1254-2

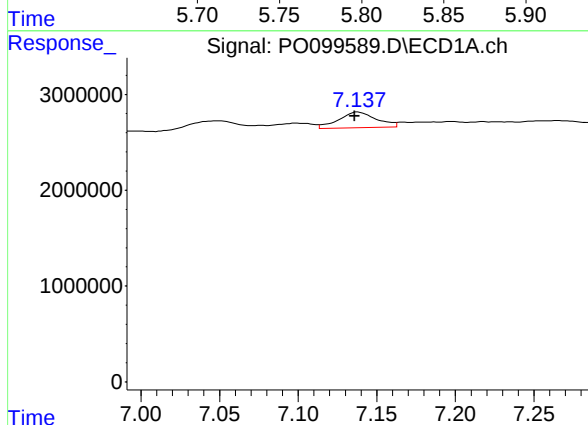
R.T.: 6.768 min
Delta R.T.: 0.001 min
Response: 2792185
Conc: 44.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



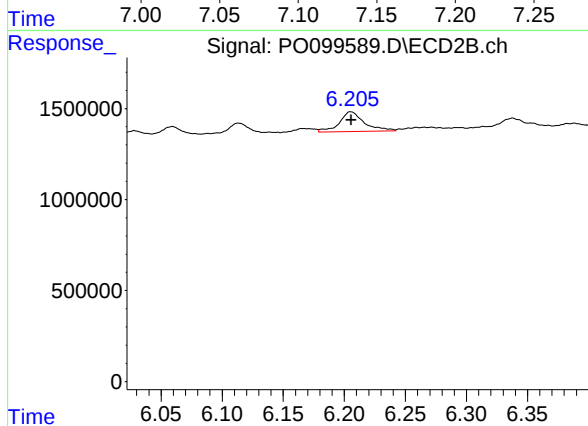
#27 AR-1254-2

R.T.: 5.796 min
Delta R.T.: 0.000 min
Response: 1467492
Conc: 45.17 ng/ml



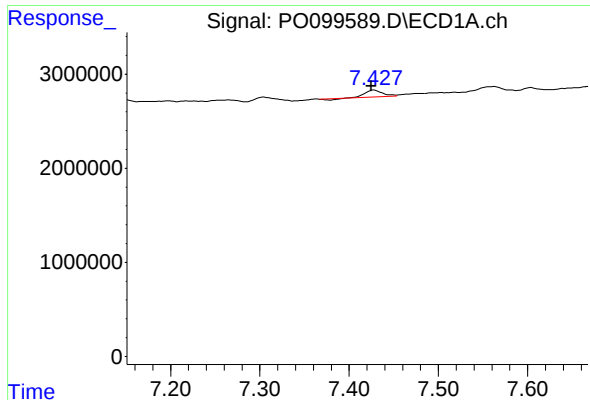
#28 AR-1254-3

R.T.: 7.138 min
Delta R.T.: 0.002 min
Response: 2749741
Conc: 47.21 ng/ml



#28 AR-1254-3

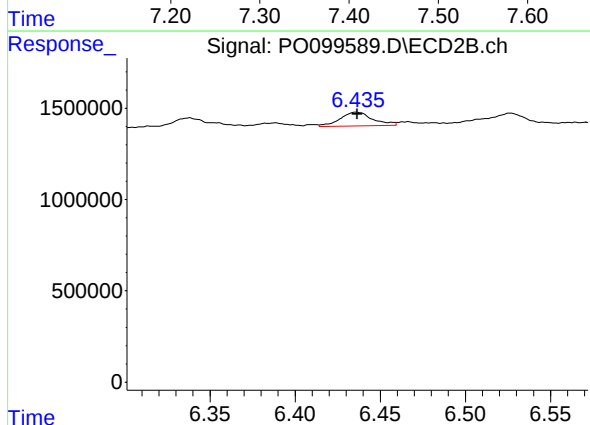
R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 1557529
Conc: 28.72 ng/ml



#29 AR-1254-4

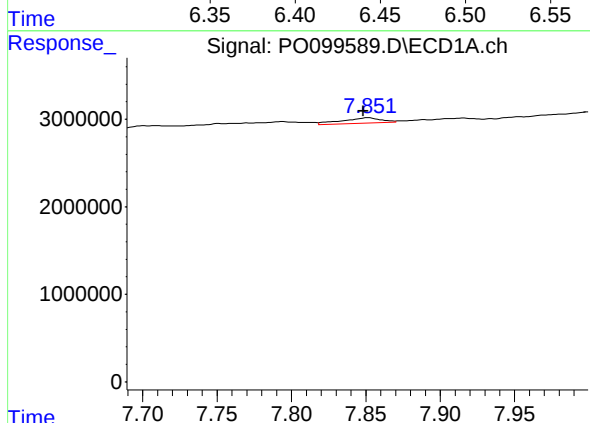
R.T.: 7.428 min
Delta R.T.: 0.003 min
Response: 959607
Conc: 28.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



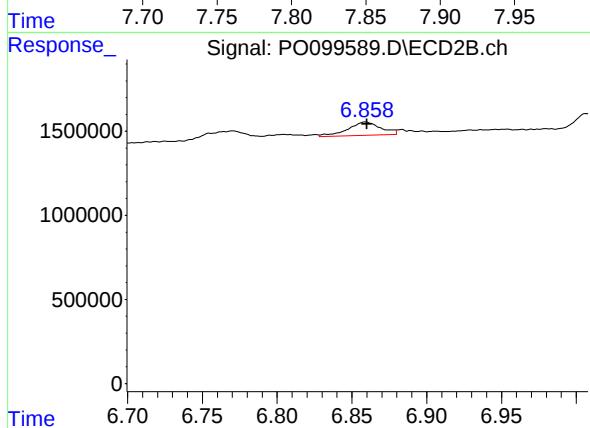
#29 AR-1254-4

R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 1010117
Conc: 35.87 ng/ml



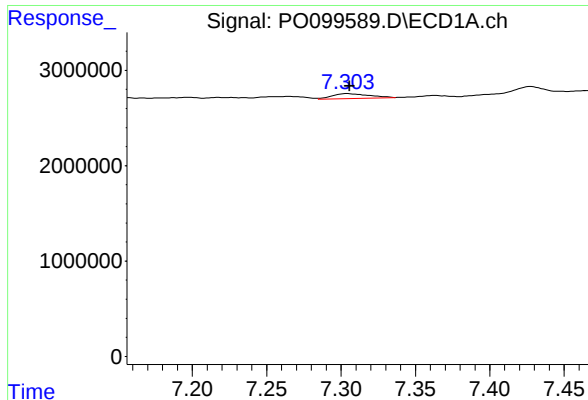
#30 AR-1254-5

R.T.: 7.852 min
Delta R.T.: 0.003 min
Response: 1098800
Conc: 28.08 ng/ml



#30 AR-1254-5

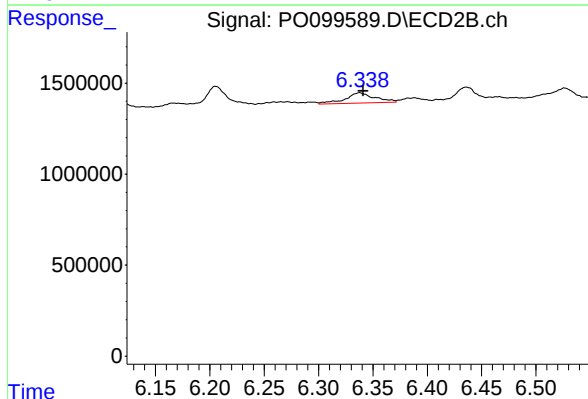
R.T.: 6.859 min
Delta R.T.: -0.001 min
Response: 1220471
Conc: 25.05 ng/ml



#31 AR-1260-1

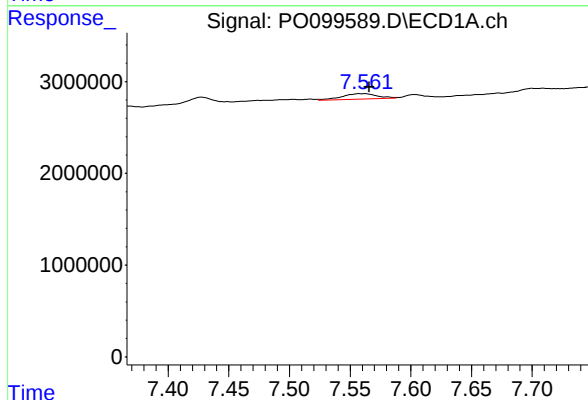
R.T.: 7.304 min
Delta R.T.: -0.002 min
Response: 851869
Conc: 17.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



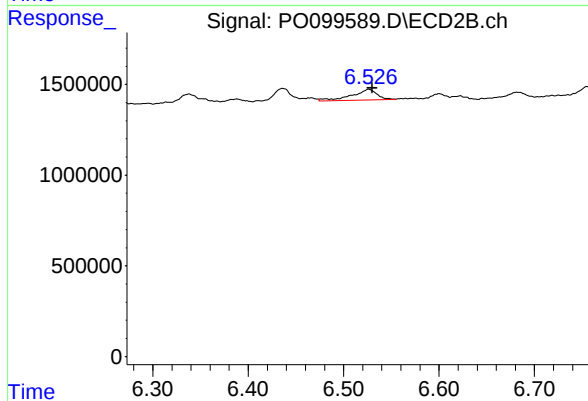
#31 AR-1260-1

R.T.: 6.338 min
Delta R.T.: -0.003 min
Response: 1071722
Conc: 24.85 ng/ml



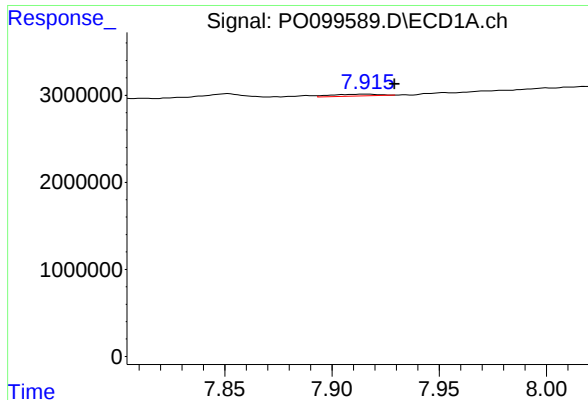
#32 AR-1260-2

R.T.: 7.562 min
Delta R.T.: -0.003 min
Response: 1240453
Conc: 24.28 ng/ml



#32 AR-1260-2

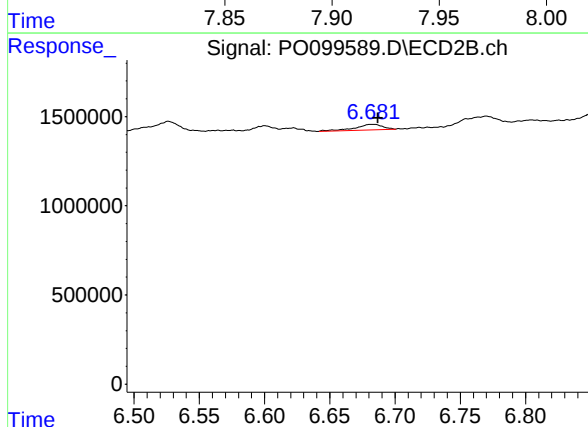
R.T.: 6.527 min
Delta R.T.: -0.004 min
Response: 1078251
Conc: 23.01 ng/ml



#33 AR-1260-3

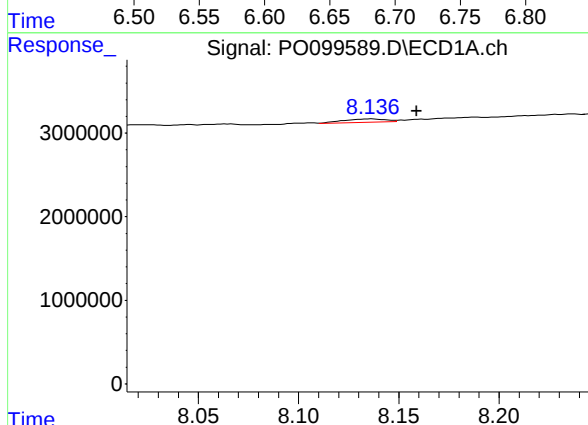
R.T.: 7.916 min
Delta R.T.: -0.013 min
Response: 325242
Conc: 9.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



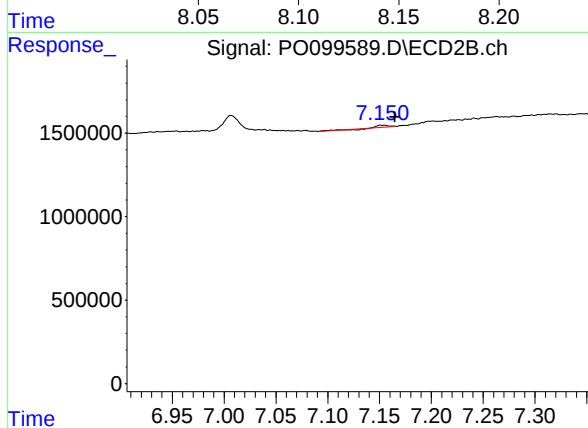
#33 AR-1260-3

R.T.: 6.682 min
Delta R.T.: -0.005 min
Response: 455731
Conc: 9.98 ng/ml



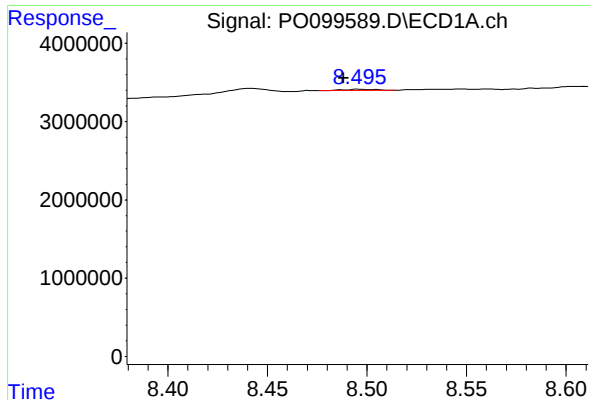
#34 AR-1260-4

R.T.: 8.136 min
Delta R.T.: -0.023 min
Response: 603807
Conc: 15.30 ng/ml



#34 AR-1260-4

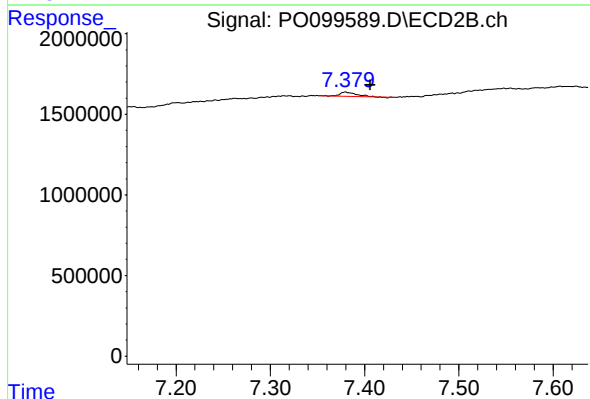
R.T.: 7.154 min
Delta R.T.: -0.010 min
Response: 69334
Conc: 1.89 ng/ml



#35 AR-1260-5

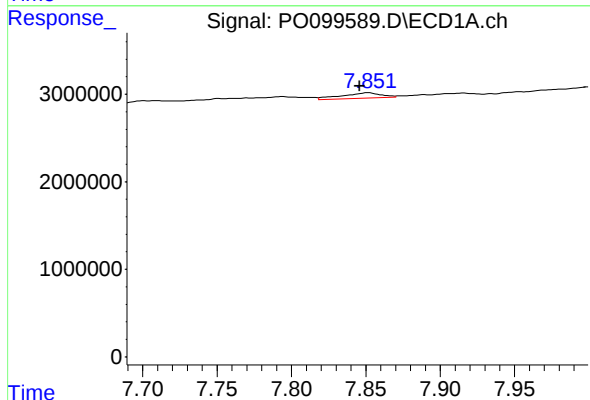
R.T.: 8.496 min
Delta R.T.: 0.008 min
Response: 173946
Conc: 2.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



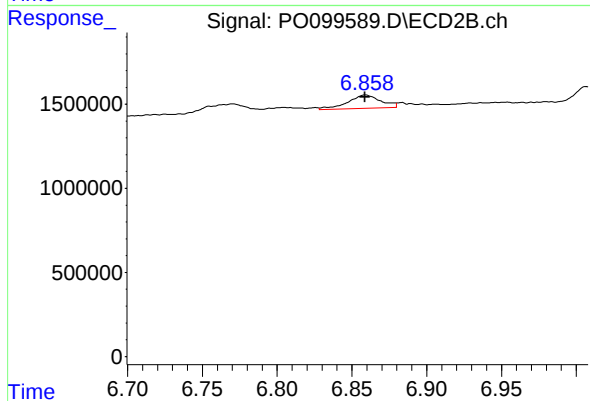
#35 AR-1260-5

R.T.: 7.380 min
Delta R.T.: -0.026 min
Response: 316408
Conc: 4.34 ng/ml



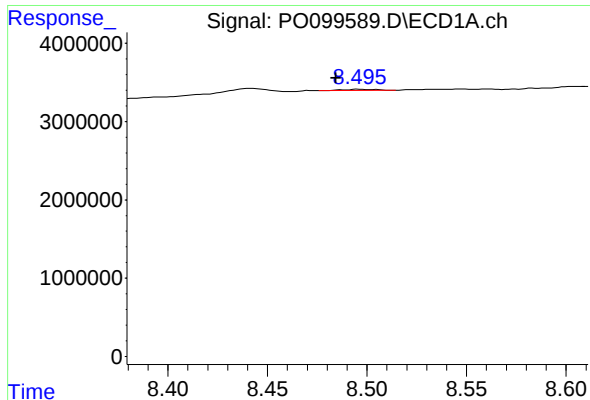
#36 AR-1262-1

R.T.: 7.852 min
Delta R.T.: 0.006 min
Response: 1098800
Conc: 34.79 ng/ml



#36 AR-1262-1

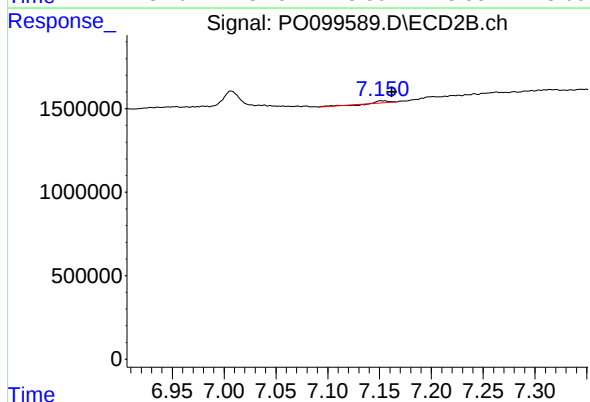
R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 1220471
Conc: 49.65 ng/ml



#37 AR-1262-2

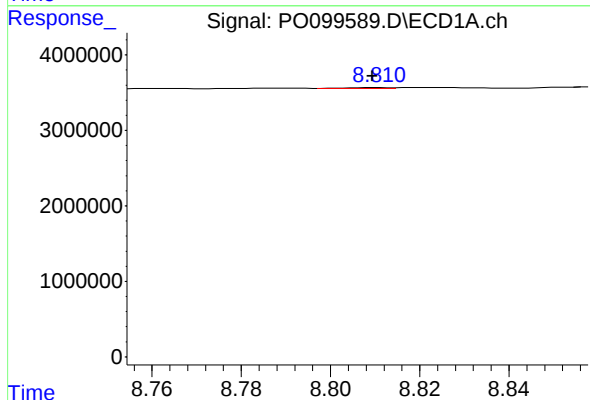
R.T.: 8.496 min
Delta R.T.: 0.012 min
Response: 173946
Conc: 2.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



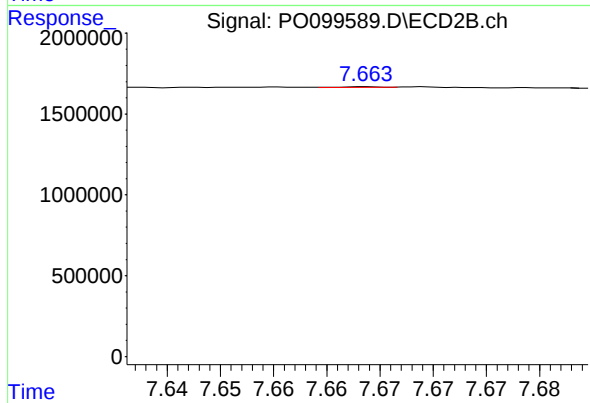
#37 AR-1262-2

R.T.: 7.154 min
Delta R.T.: -0.008 min
Response: 69334
Conc: 1.40 ng/ml



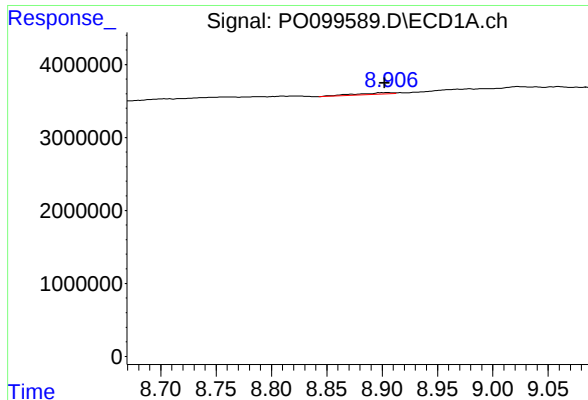
#38 AR-1262-3

R.T.: 8.811 min
Delta R.T.: 0.001 min
Response: 77342
Conc: 1.51 ng/ml



#38 AR-1262-3

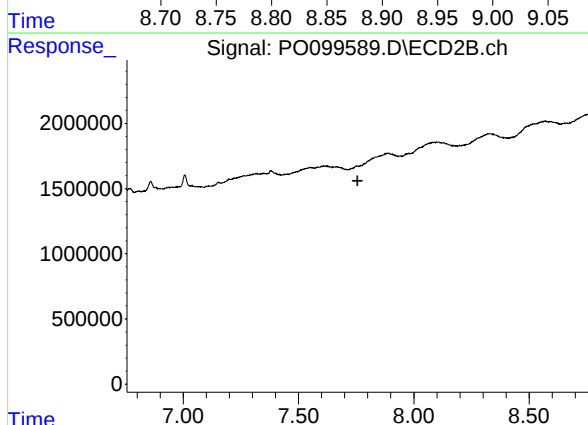
R.T.: 7.664 min
Delta R.T.: -0.028 min
Response: 34225
Conc: 0.93 ng/ml



#39 AR-1262-4

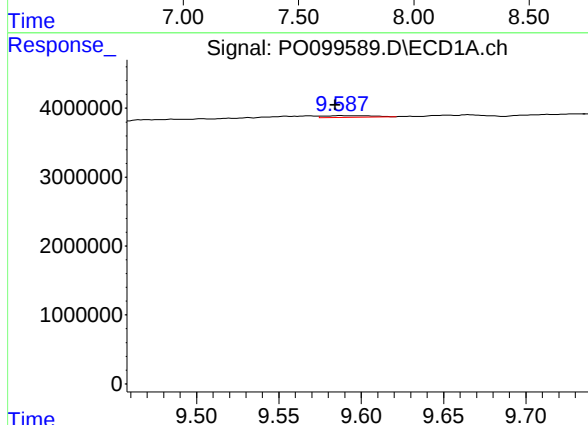
R.T.: 8.906 min
Delta R.T.: 0.003 min
Response: 476673
Conc: 12.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



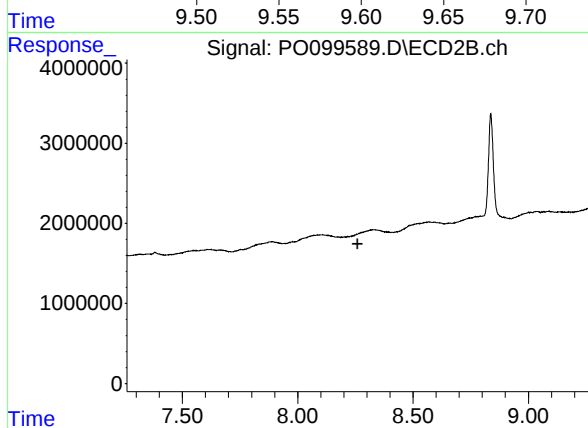
#39 AR-1262-4

R.T.: 7.752 min
Delta R.T.: -0.004 min
Response: -100143
Conc: N.D.



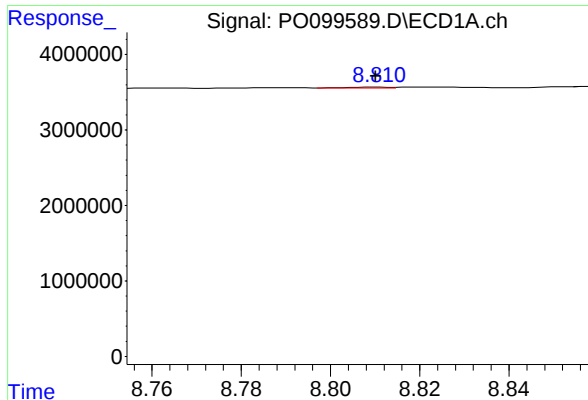
#40 AR-1262-5

R.T.: 9.588 min
Delta R.T.: 0.003 min
Response: 469931
Conc: 22.11 ng/ml



#40 AR-1262-5

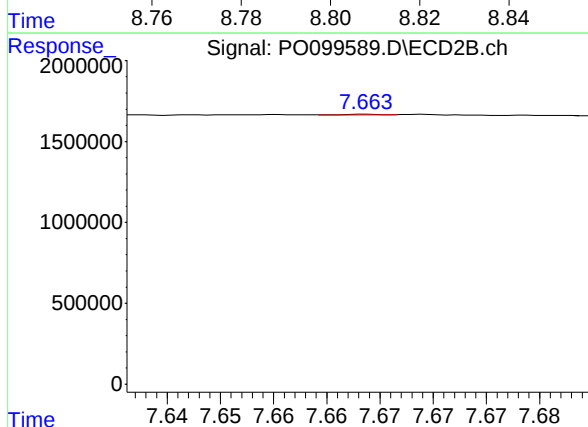
R.T.: 0.000 min
Exp R.T.: 8.259 min
Response: 0
Conc: N.D.



#41 AR-1268-1

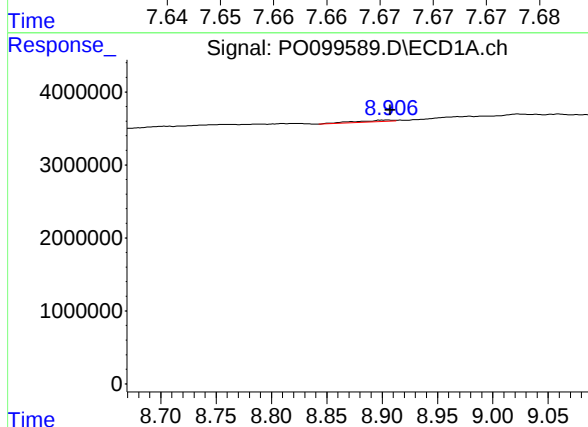
R.T.: 8.811 min
Delta R.T.: 0.000 min
Response: 77342
Conc: 0.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



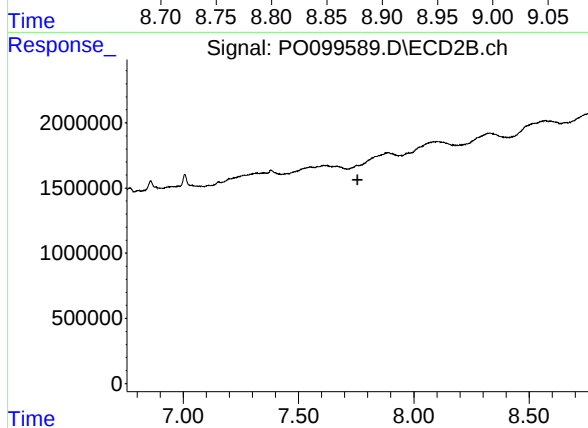
#41 AR-1268-1

R.T.: 7.664 min
Delta R.T.: -0.027 min
Response: 34225
Conc: 0.31 ng/ml



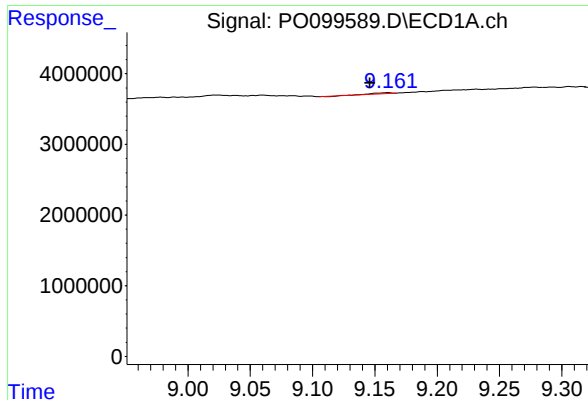
#42 AR-1268-2

R.T.: 8.906 min
Delta R.T.: -0.002 min
Response: 476673
Conc: 5.62 ng/ml



#42 AR-1268-2

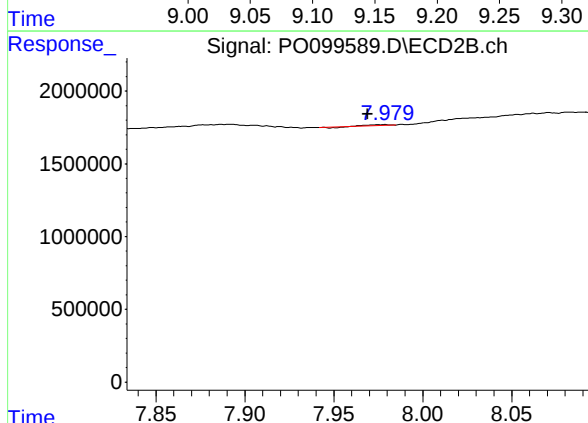
R.T.: 7.752 min
Delta R.T.: -0.004 min
Response: -100143
Conc: N.D.



#43 AR-1268-3

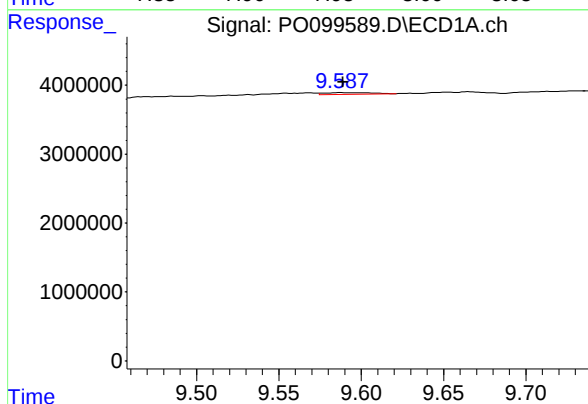
R.T.: 9.161 min
Delta R.T.: 0.015 min
Response: 108378
Conc: 1.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



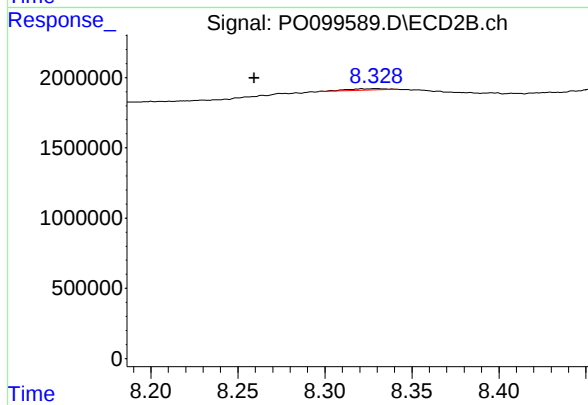
#43 AR-1268-3

R.T.: 7.979 min
Delta R.T.: 0.010 min
Response: 34164
Conc: 0.36 ng/ml



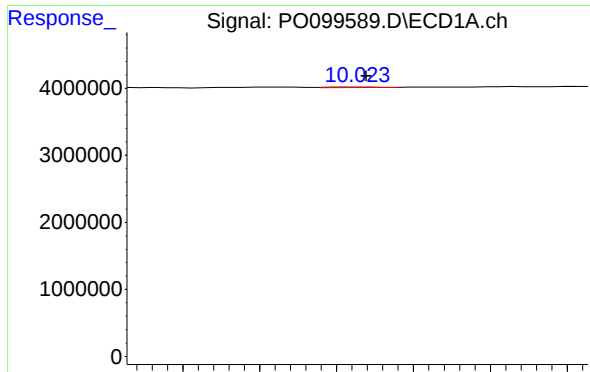
#44 AR-1268-4

R.T.: 9.588 min
Delta R.T.: -0.001 min
Response: 469931
Conc: 19.33 ng/ml



#44 AR-1268-4

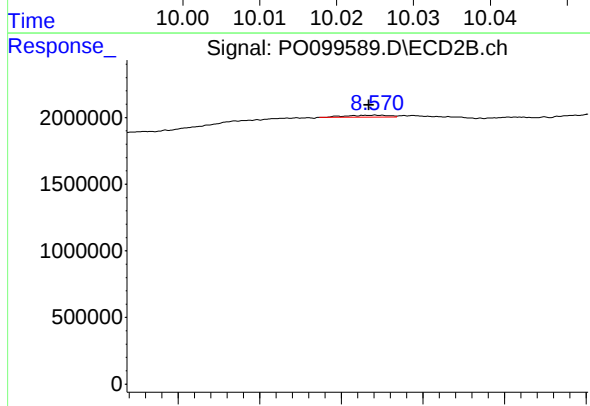
R.T.: 8.329 min
Delta R.T.: 0.070 min
Response: 173737
Conc: 5.80 ng/ml



#45 AR-1268-5

R.T.: 10.024 min
Delta R.T.: 0.000 min
Response: 34054
Conc: 0.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.571 min
Delta R.T.: 0.004 min
Response: 268976
Conc: 1.07 ng/ml