

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0110323\
 Data File : P0099338.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Nov 2023 12:11
 Operator : YP/AJ
 Sample : 05131-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 03 23:03:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0102523.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 25 06:04:36 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...	4.467	3.623	42487267	15931720	21.502	22.137
2) SA Decachlor...	10.257	8.614	23926855	9101666	21.121	16.964
Target Compounds						
3) L1 AR-1016-1	5.662	4.719	2404786	740950	43.671	33.087
4) L1 AR-1016-2	5.662	4.719	2404786	740950	29.082	23.705
5) L1 AR-1016-3	5.721	4.895	2223796	232009	43.204	13.702 #
6) L1 AR-1016-4	5.822	4.938	665266	682088	16.368	47.178 #
7) L1 AR-1016-5	6.118	5.151	1089473	463519	25.669	24.811
8) L2 AR-1221-1	4.674	3.836	1536080	95233	61.868	10.251 #
9) L2 AR-1221-2	4.774	3.920	967678	408240	52.309	62.964
10) L2 AR-1221-3	4.838	3.997	586311	248030	10.822	12.262
11) L3 AR-1232-1	4.838	3.997	586311	248030	12.816	14.469
12) L3 AR-1232-2	5.371	4.719	979207	740950	41.466	48.365
13) L3 AR-1232-3	5.662	4.895	2404786	232009	60.893	28.996 #
14) L3 AR-1232-4	5.822	4.979	665266	379816	34.869	49.367 #
15) L3 AR-1232-5	5.914	5.151	1748247	463519	104.948	54.496 #
16) L4 AR-1242-1	5.662	4.719	2404786	740950	55.548	42.172
17) L4 AR-1242-2	5.662	4.719	2404786	740950	37.547	30.575
18) L4 AR-1242-3	5.721	4.895	2223796	232009	55.283	18.096 #
19) L4 AR-1242-4	5.822	4.979	665266	379816	21.259	26.982 #
20) L4 AR-1242-5	6.561	5.501	1513865	2788191	49.074	166.846 #
21) L5 AR-1248-1	5.639	4.719	2052401	740950	60.413	53.460
22) L5 AR-1248-2	5.914	4.938	1748247	682088	33.406	34.339
23) L5 AR-1248-3	6.118	4.979	1089473	379816	19.121	18.213
24) L5 AR-1248-4	6.521	5.151	2135734	463519	39.165	18.855 #
25) L5 AR-1248-5	6.561	5.541	1513865	449105	26.650	20.679
26) L6 AR-1254-1	6.497	5.501	5748653	2788191	87.330	78.688
27) L6 AR-1254-2	6.715	5.649	8983985	3633503	93.322	113.602
28) L6 AR-1254-3	7.084	6.067	6899158	7068495	77.186	144.587 #
29) L6 AR-1254-4	7.369	6.279	4292427	1276845	78.353	48.722 #
30) L6 AR-1254-5	7.809	6.697	56845578	25445222	844.223	603.614 #
31) L7 AR-1260-1	7.247	6.181	16249755	8282679	226.759	234.800
32) L7 AR-1260-2	7.502	6.370	29256465	9514103	370.819	237.339 #
33) L7 AR-1260-3	7.864	6.523	11793293	4670933	215.943	123.528 #
34) L7 AR-1260-4	8.090	6.994	10518102	4609754	167.869	159.526
35) L7 AR-1260-5	8.414	7.237	15388865	7451220	143.800	123.816
36) L8 AR-1262-1	7.864	6.735	11793293	5974412	130.296	127.329
37) L8 AR-1262-2	8.414	6.994	15388865	4609754	115.439	111.033
38) L8 AR-1262-3	8.744	7.519	6407616	994031	65.160	31.115 #
39) L8 AR-1262-4	8.821	7.583	2321529	3872365	28.979	70.433 #
40) L8 AR-1262-5	9.489	8.081	921397	401713	20.969	15.995
41) L9 AR-1268-1	8.744	7.519	6407616	994031	37.201	11.144 #

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 Response via : Initial Calibration
 Integrator: ChemStation

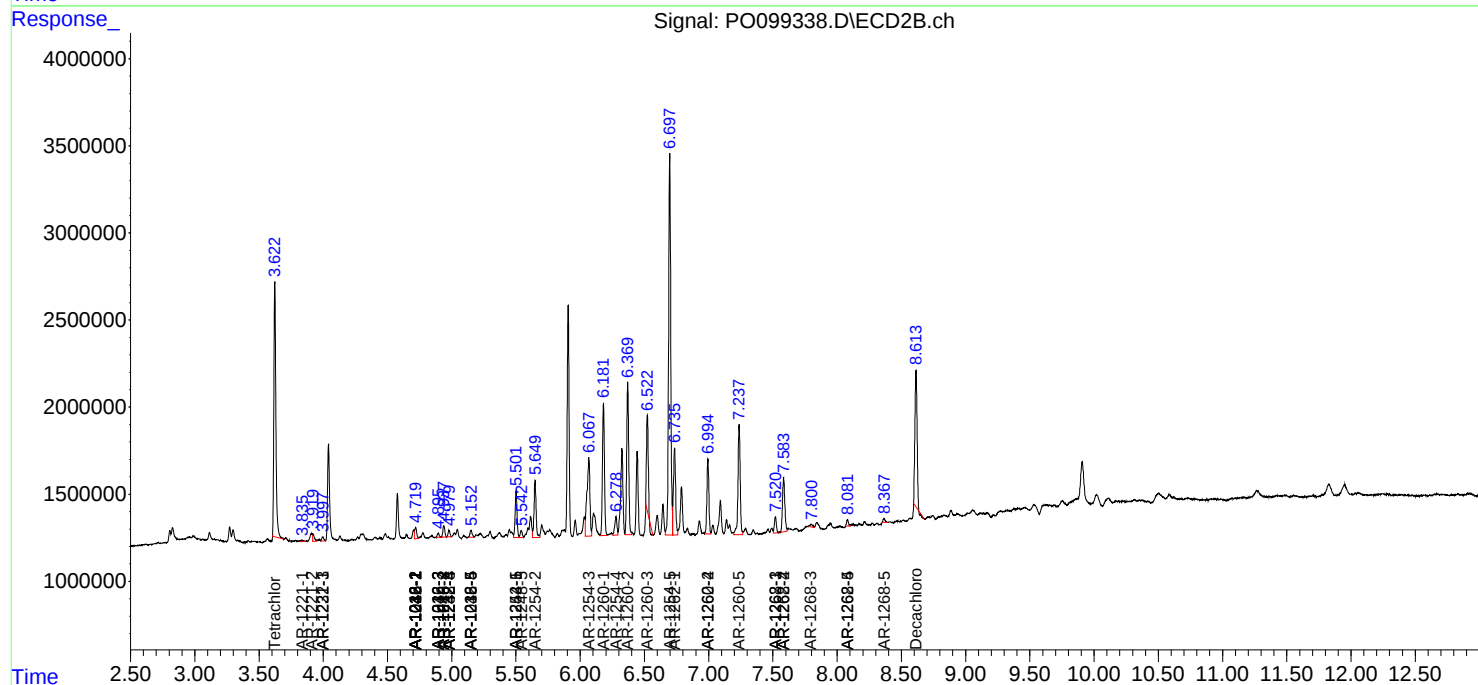
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

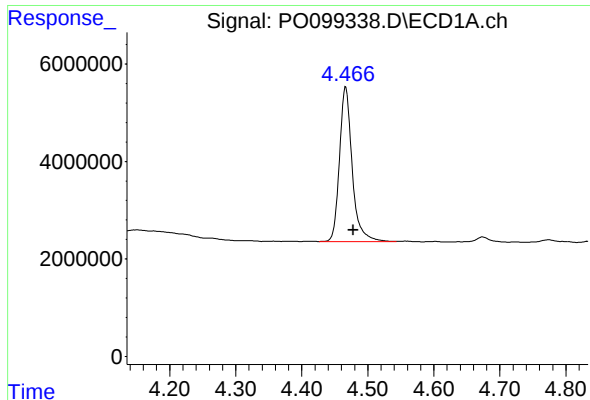
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.821	7.583	2321529	3872365	14.806	49.044 #
43) L9	AR-1268-3	9.090	7.795	1156438	223755	8.248	3.178 #
44) L9	AR-1268-4	9.489	8.081	921397	401713	18.375	14.577
45) L9	AR-1268-5	9.909	8.366	407738	240091	0.996	1.259 #

(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

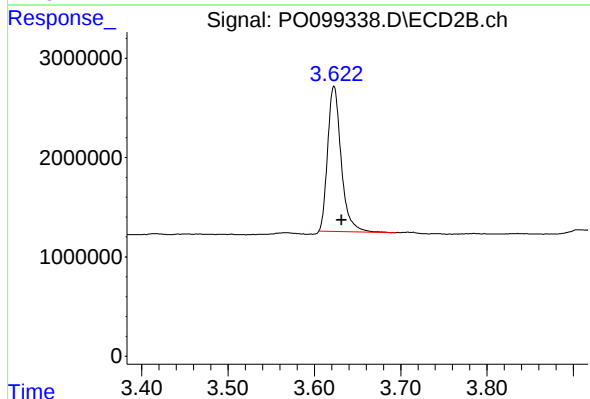




#1 Tetrachloro-m-xylene

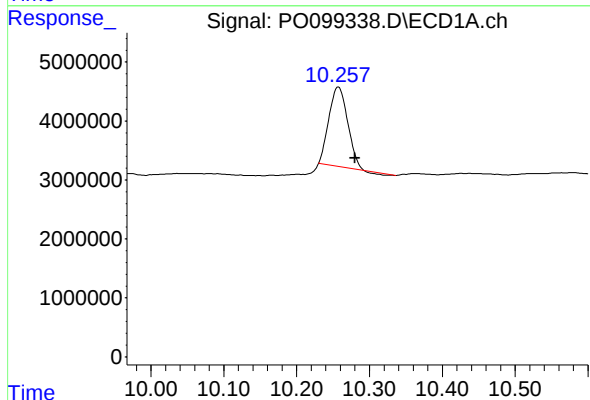
R.T.: 4.467 min
Delta R.T.: -0.011 min
Response: 42487267
Conc: 21.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



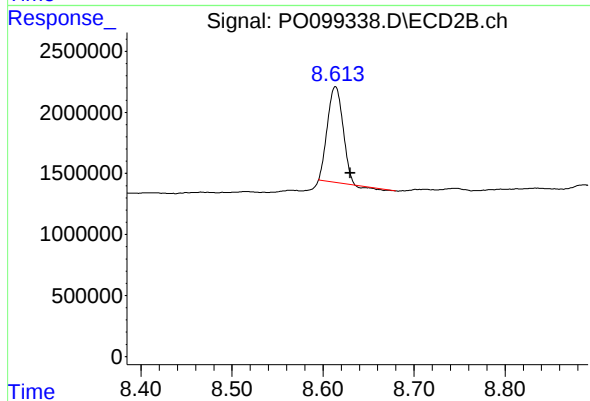
#1 Tetrachloro-m-xylene

R.T.: 3.623 min
Delta R.T.: -0.009 min
Response: 15931720
Conc: 22.14 ng/ml



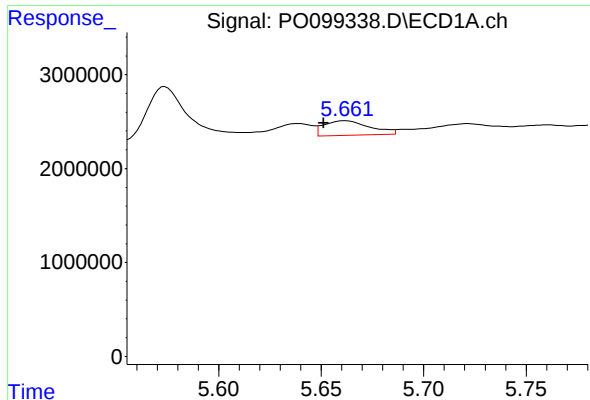
#2 Decachlorobiphenyl

R.T.: 10.257 min
Delta R.T.: -0.023 min
Response: 23926855
Conc: 21.12 ng/ml



#2 Decachlorobiphenyl

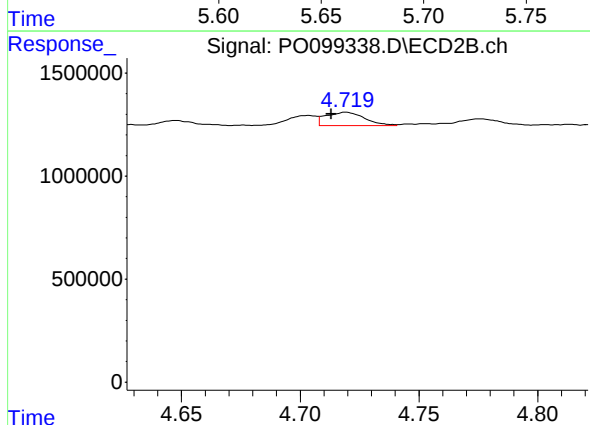
R.T.: 8.614 min
Delta R.T.: -0.017 min
Response: 9101666
Conc: 16.96 ng/ml



#3 AR-1016-1

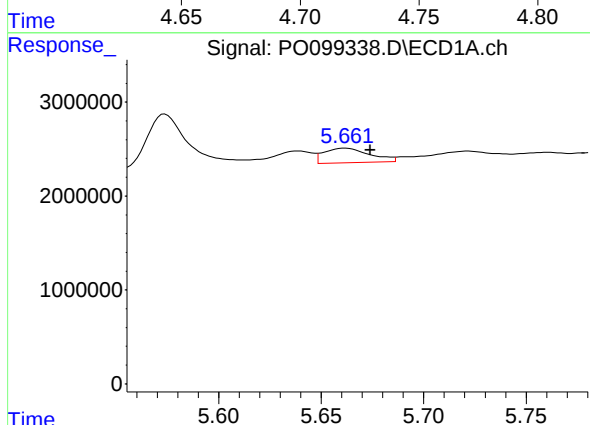
R.T.: 5.662 min
Delta R.T.: 0.011 min
Response: 2404786
Conc: 43.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



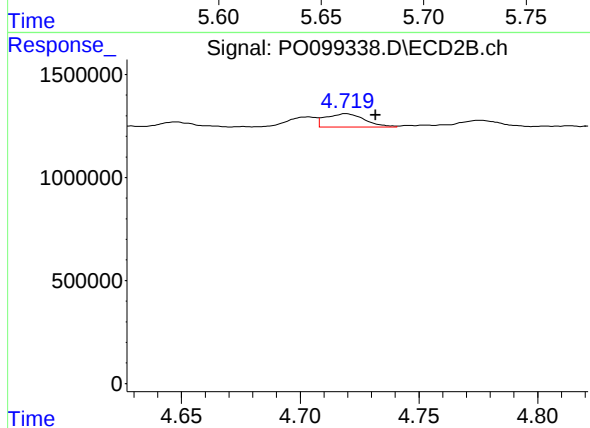
#3 AR-1016-1

R.T.: 4.719 min
Delta R.T.: 0.006 min
Response: 740950
Conc: 33.09 ng/ml



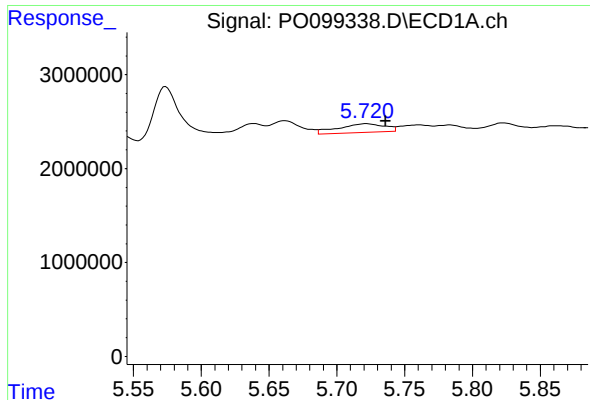
#4 AR-1016-2

R.T.: 5.662 min
Delta R.T.: -0.012 min
Response: 2404786
Conc: 29.08 ng/ml



#4 AR-1016-2

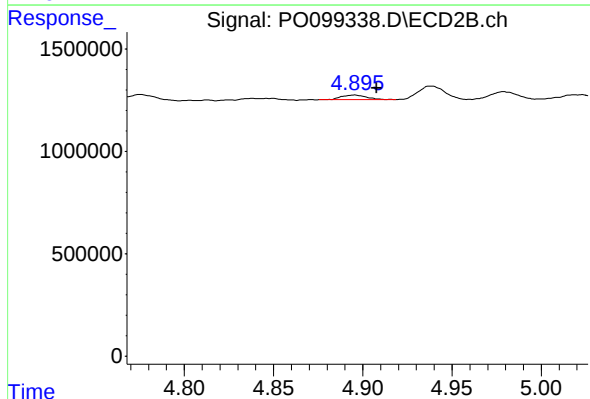
R.T.: 4.719 min
Delta R.T.: -0.012 min
Response: 740950
Conc: 23.71 ng/ml



#5 AR-1016-3

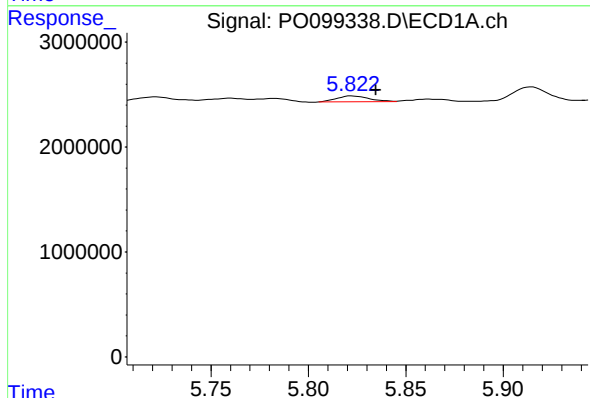
R.T.: 5.721 min
Delta R.T.: -0.014 min
Response: 2223796
Conc: 43.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



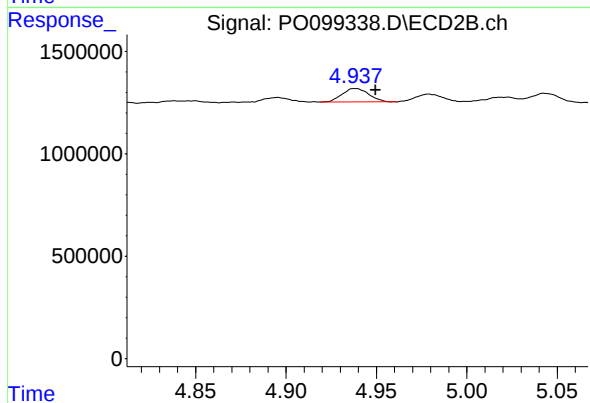
#5 AR-1016-3

R.T.: 4.895 min
Delta R.T.: -0.012 min
Response: 232009
Conc: 13.70 ng/ml



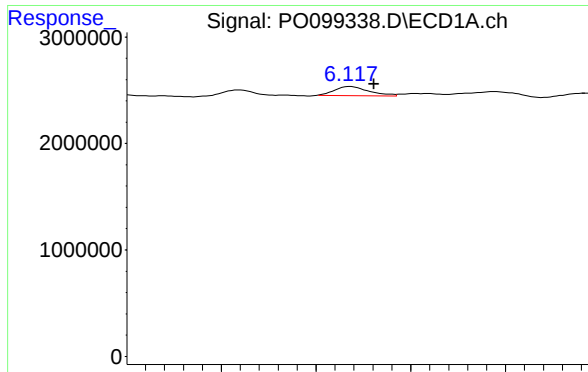
#6 AR-1016-4

R.T.: 5.822 min
Delta R.T.: -0.012 min
Response: 665266
Conc: 16.37 ng/ml



#6 AR-1016-4

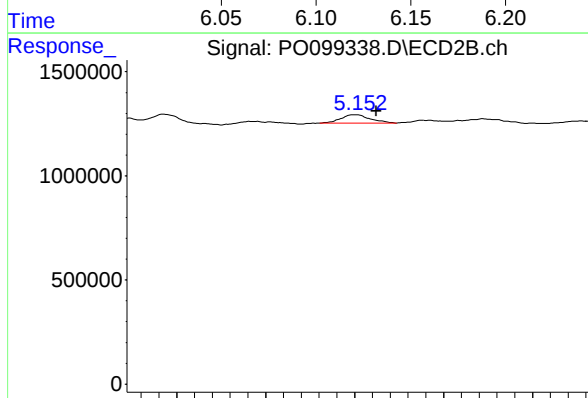
R.T.: 4.938 min
Delta R.T.: -0.011 min
Response: 682088
Conc: 47.18 ng/ml



#7 AR-1016-5

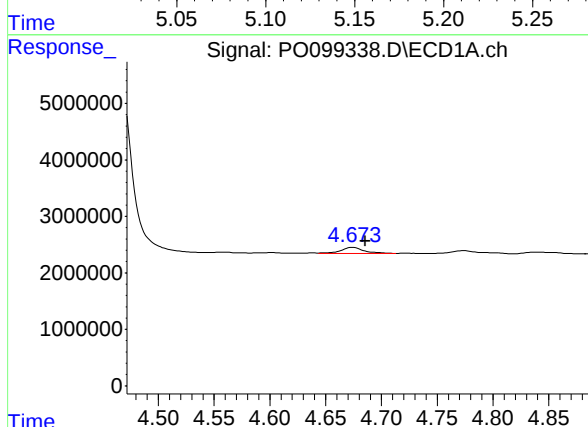
R.T.: 6.118 min
Delta R.T.: -0.013 min
Response: 1089473
Conc: 25.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



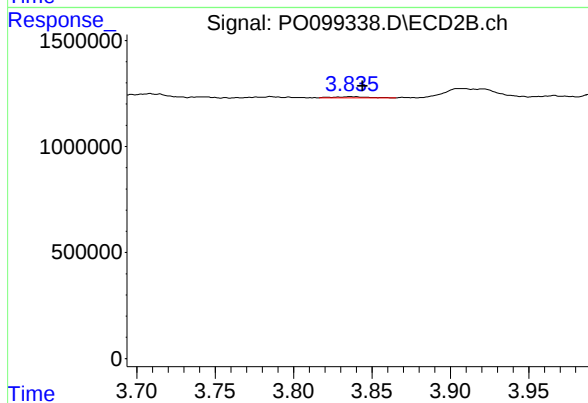
#7 AR-1016-5

R.T.: 5.151 min
Delta R.T.: -0.012 min
Response: 463519
Conc: 24.81 ng/ml



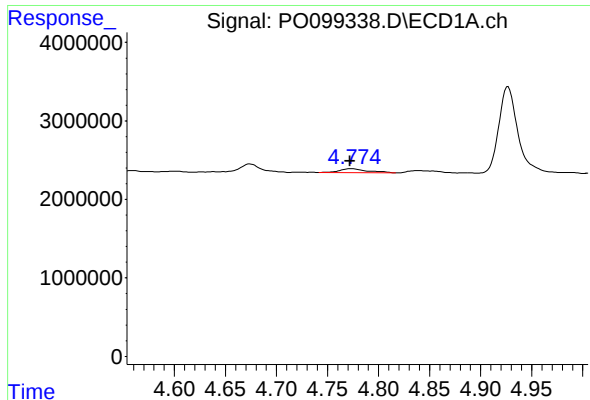
#8 AR-1221-1

R.T.: 4.674 min
Delta R.T.: -0.011 min
Response: 1536080
Conc: 61.87 ng/ml



#8 AR-1221-1

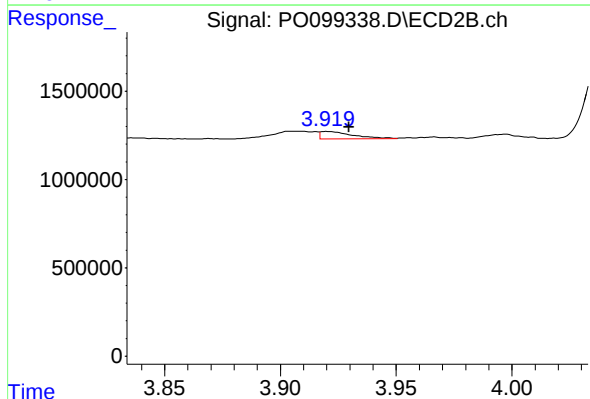
R.T.: 3.836 min
Delta R.T.: -0.008 min
Response: 95233
Conc: 10.25 ng/ml



#9 AR-1221-2

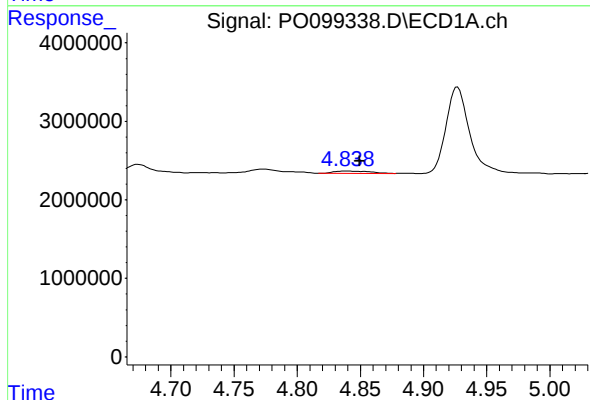
R.T.: 4.774 min
Delta R.T.: 0.002 min
Response: 967678
Conc: 52.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



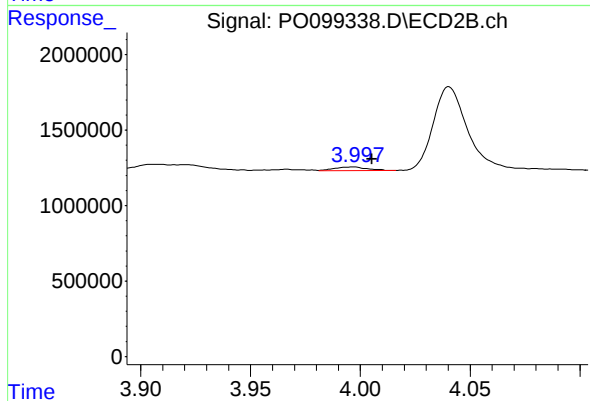
#9 AR-1221-2

R.T.: 3.920 min
Delta R.T.: -0.009 min
Response: 408240
Conc: 62.96 ng/ml



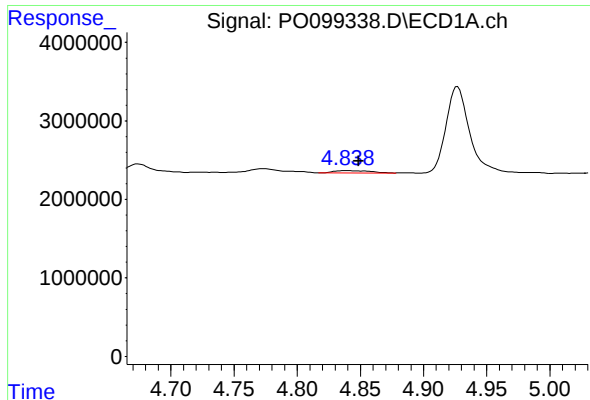
#10 AR-1221-3

R.T.: 4.838 min
Delta R.T.: -0.011 min
Response: 586311
Conc: 10.82 ng/ml



#10 AR-1221-3

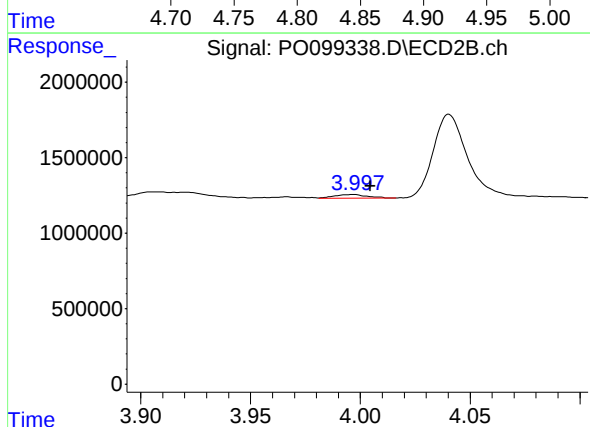
R.T.: 3.997 min
Delta R.T.: -0.008 min
Response: 248030
Conc: 12.26 ng/ml



#11 AR-1232-1

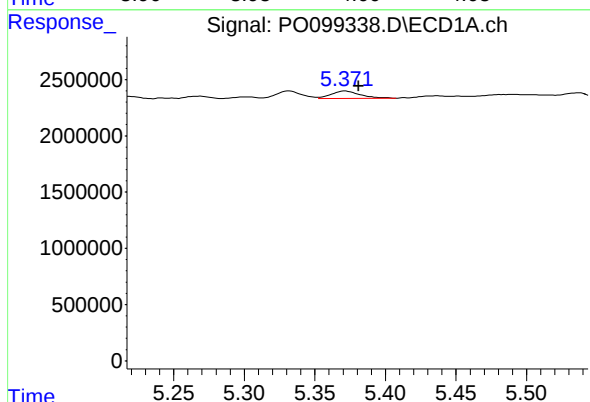
R.T.: 4.838 min
Delta R.T.: -0.011 min
Response: 586311
Conc: 12.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



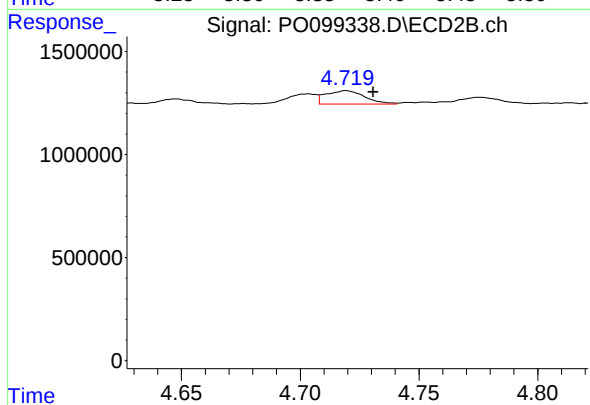
#11 AR-1232-1

R.T.: 3.997 min
Delta R.T.: -0.008 min
Response: 248030
Conc: 14.47 ng/ml



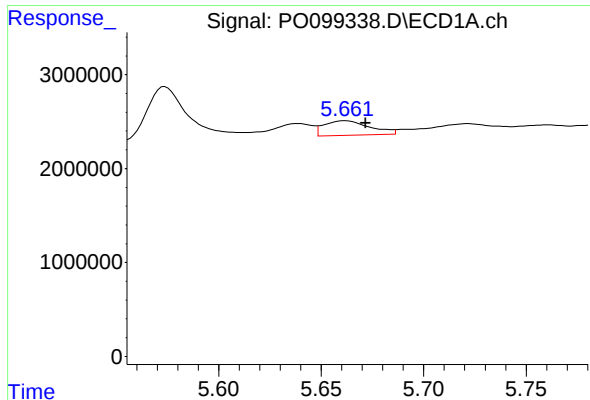
#12 AR-1232-2

R.T.: 5.371 min
Delta R.T.: -0.010 min
Response: 979207
Conc: 41.47 ng/ml



#12 AR-1232-2

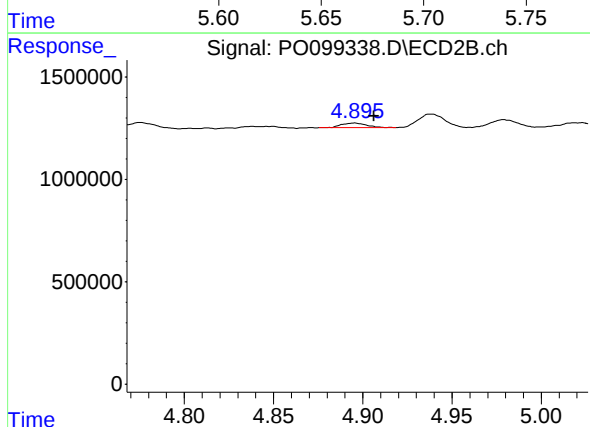
R.T.: 4.719 min
Delta R.T.: -0.011 min
Response: 740950
Conc: 48.36 ng/ml



#13 AR-1232-3

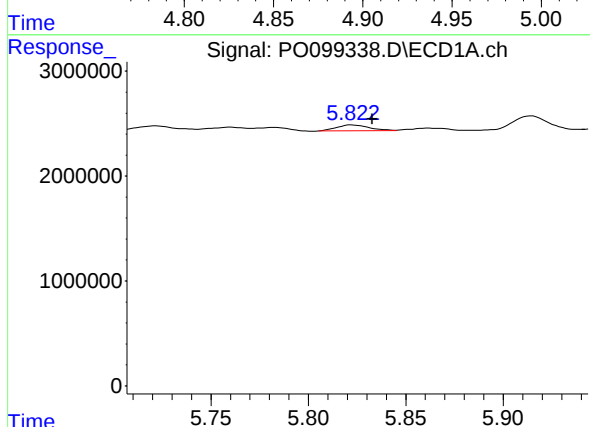
R.T.: 5.662 min
Delta R.T.: -0.010 min
Response: 2404786
Conc: 60.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



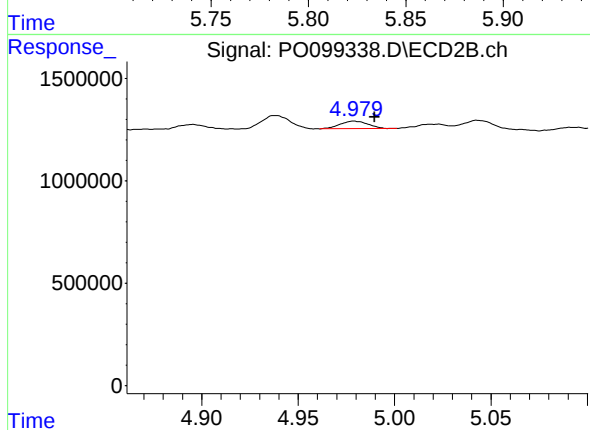
#13 AR-1232-3

R.T.: 4.895 min
Delta R.T.: -0.011 min
Response: 232009
Conc: 29.00 ng/ml



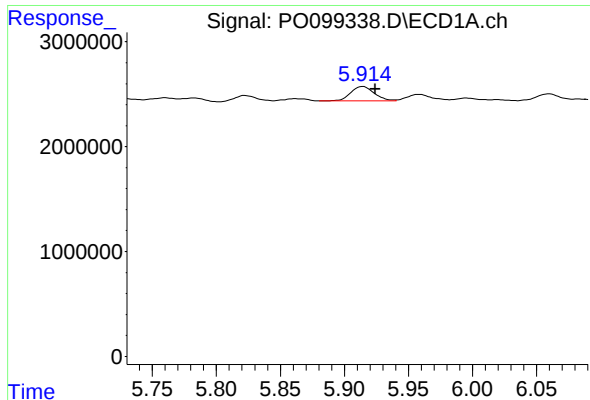
#14 AR-1232-4

R.T.: 5.822 min
Delta R.T.: -0.010 min
Response: 665266
Conc: 34.87 ng/ml



#14 AR-1232-4

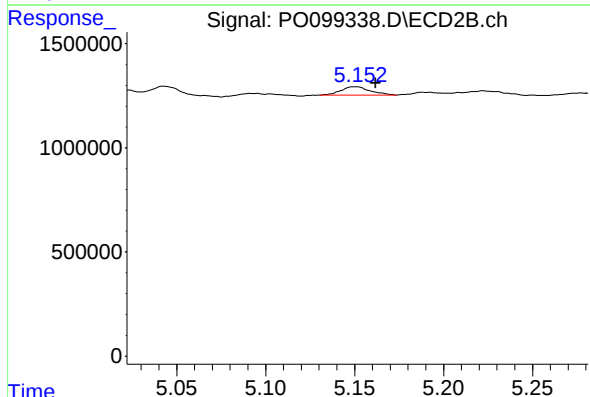
R.T.: 4.979 min
Delta R.T.: -0.011 min
Response: 379816
Conc: 49.37 ng/ml



#15 AR-1232-5

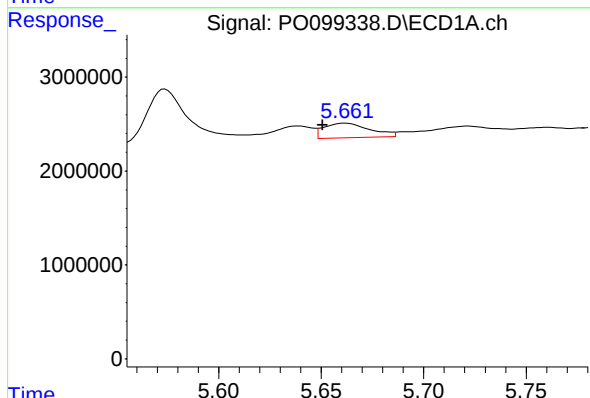
R.T.: 5.914 min
Delta R.T.: -0.010 min
Response: 1748247
Conc: 104.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



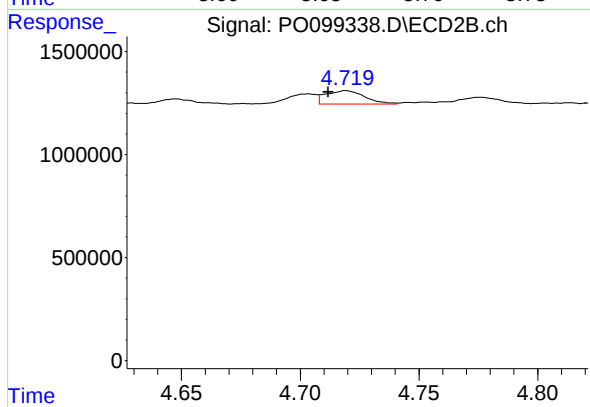
#15 AR-1232-5

R.T.: 5.151 min
Delta R.T.: -0.011 min
Response: 463519
Conc: 54.50 ng/ml



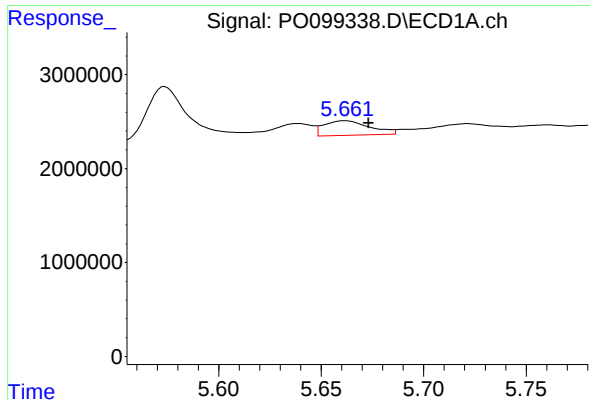
#16 AR-1242-1

R.T.: 5.662 min
Delta R.T.: 0.011 min
Response: 2404786
Conc: 55.55 ng/ml



#16 AR-1242-1

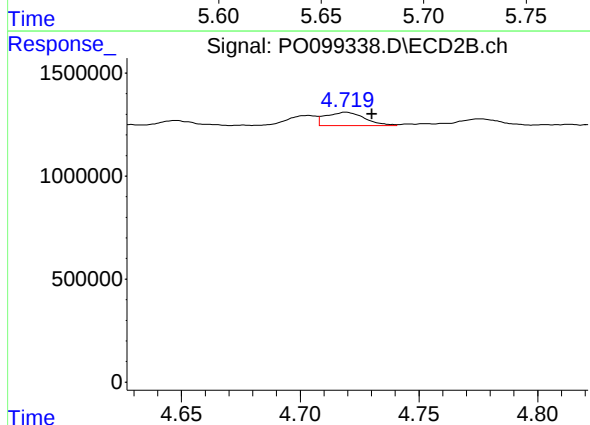
R.T.: 4.719 min
Delta R.T.: 0.007 min
Response: 740950
Conc: 42.17 ng/ml



#17 AR-1242-2

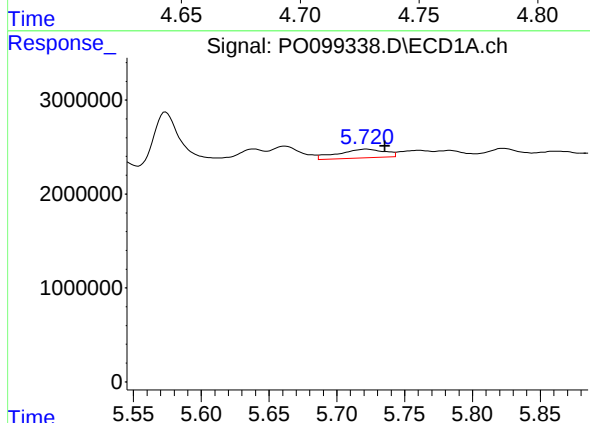
R.T.: 5.662 min
Delta R.T.: -0.011 min
Response: 2404786
Conc: 37.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



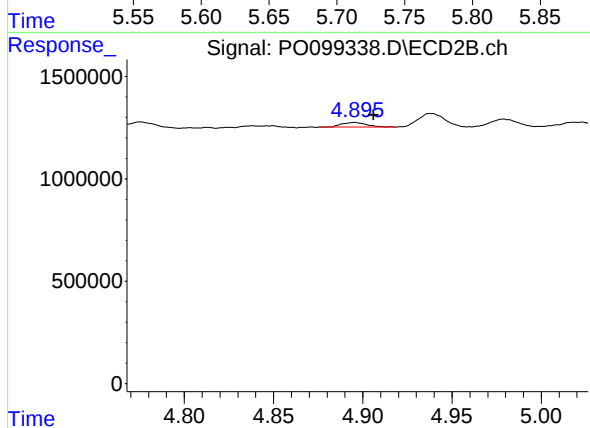
#17 AR-1242-2

R.T.: 4.719 min
Delta R.T.: -0.011 min
Response: 740950
Conc: 30.58 ng/ml



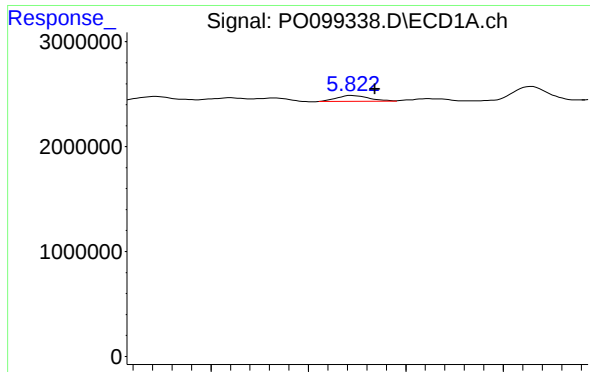
#18 AR-1242-3

R.T.: 5.721 min
Delta R.T.: -0.014 min
Response: 2223796
Conc: 55.28 ng/ml



#18 AR-1242-3

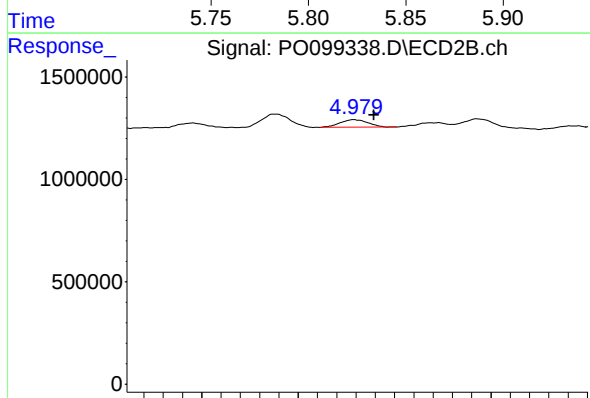
R.T.: 4.895 min
Delta R.T.: -0.011 min
Response: 232009
Conc: 18.10 ng/ml



#19 AR-1242-4

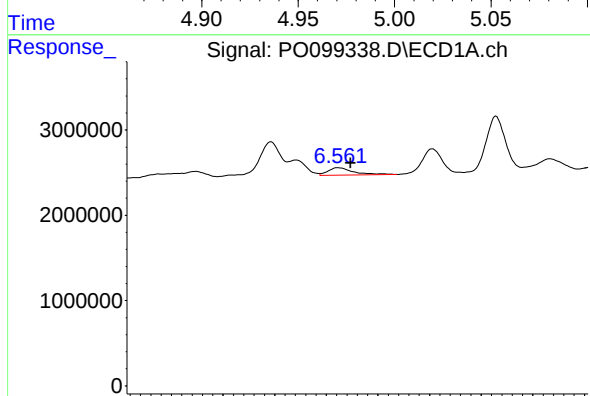
R.T.: 5.822 min
Delta R.T.: -0.012 min
Response: 665266
Conc: 21.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



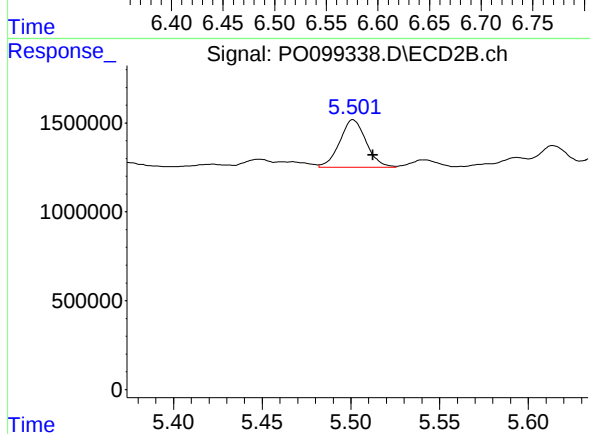
#19 AR-1242-4

R.T.: 4.979 min
Delta R.T.: -0.010 min
Response: 379816
Conc: 26.98 ng/ml



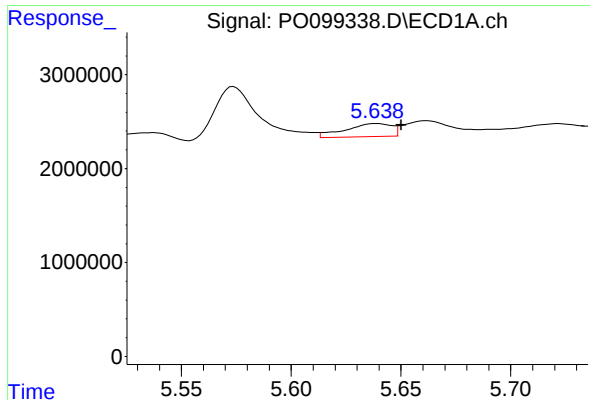
#20 AR-1242-5

R.T.: 6.561 min
Delta R.T.: -0.012 min
Response: 1513865
Conc: 49.07 ng/ml



#20 AR-1242-5

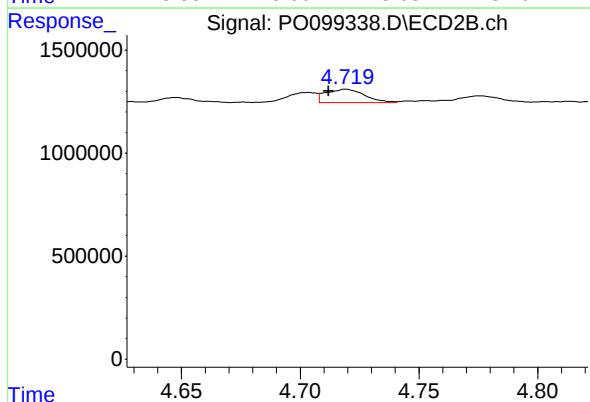
R.T.: 5.501 min
Delta R.T.: -0.011 min
Response: 2788191
Conc: 166.85 ng/ml



#21 AR-1248-1

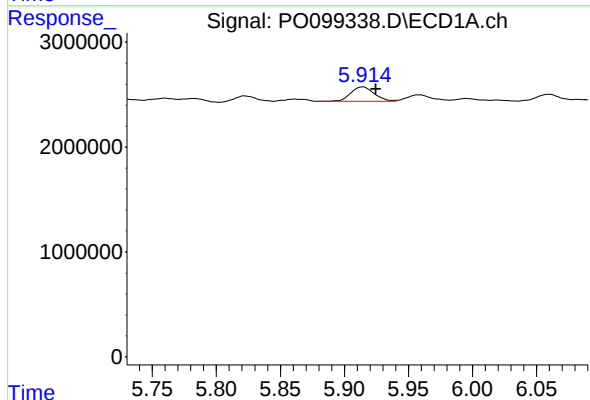
R.T.: 5.639 min
Delta R.T.: -0.011 min
Response: 2052401
Conc: 60.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



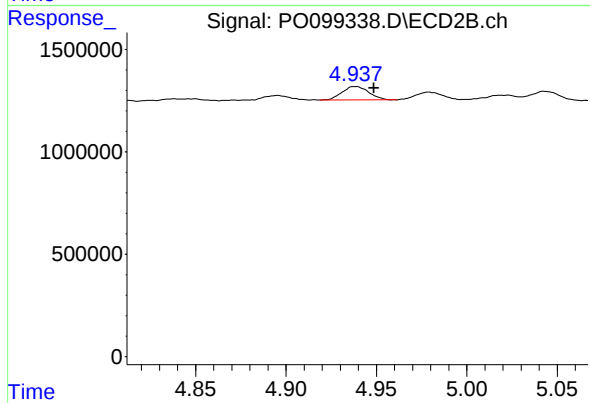
#21 AR-1248-1

R.T.: 4.719 min
Delta R.T.: 0.007 min
Response: 740950
Conc: 53.46 ng/ml



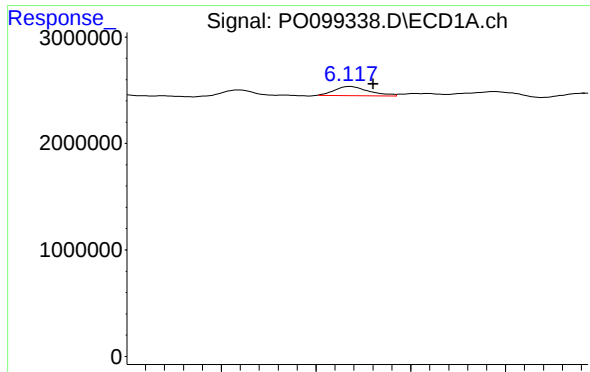
#22 AR-1248-2

R.T.: 5.914 min
Delta R.T.: -0.010 min
Response: 1748247
Conc: 33.41 ng/ml



#22 AR-1248-2

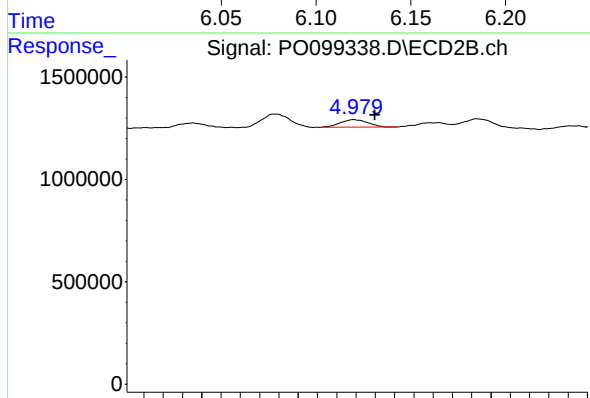
R.T.: 4.938 min
Delta R.T.: -0.010 min
Response: 682088
Conc: 34.34 ng/ml



#23 AR-1248-3

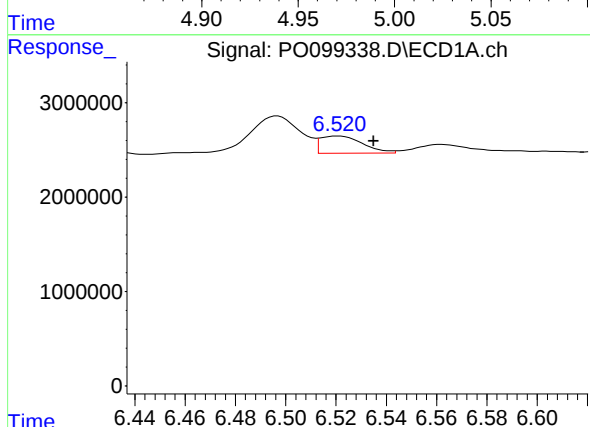
R.T.: 6.118 min
Delta R.T.: -0.012 min
Response: 1089473
Conc: 19.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



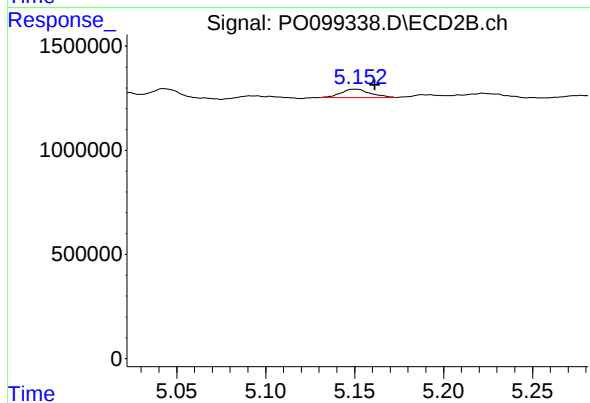
#23 AR-1248-3

R.T.: 4.979 min
Delta R.T.: -0.011 min
Response: 379816
Conc: 18.21 ng/ml



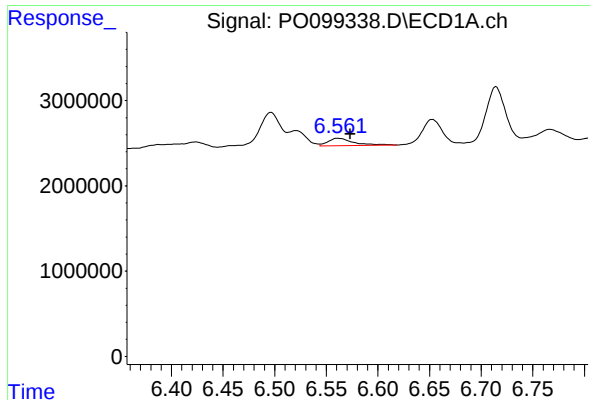
#24 AR-1248-4

R.T.: 6.521 min
Delta R.T.: -0.014 min
Response: 2135734
Conc: 39.17 ng/ml



#24 AR-1248-4

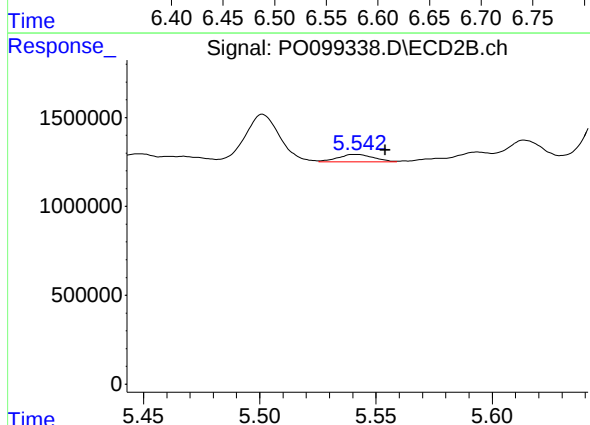
R.T.: 5.151 min
Delta R.T.: -0.011 min
Response: 463519
Conc: 18.85 ng/ml



#25 AR-1248-5

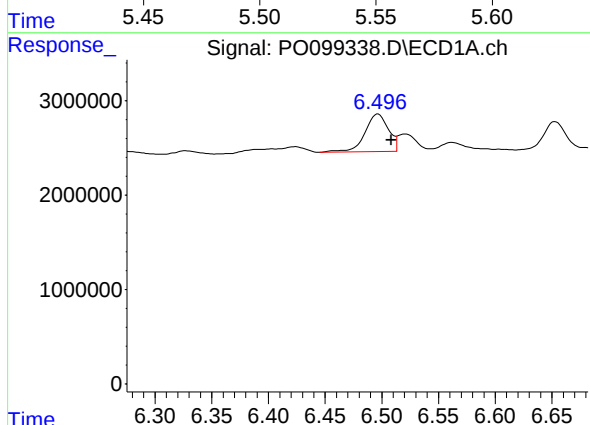
R.T.: 6.561 min
Delta R.T.: -0.012 min
Response: 1513865
Conc: 26.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



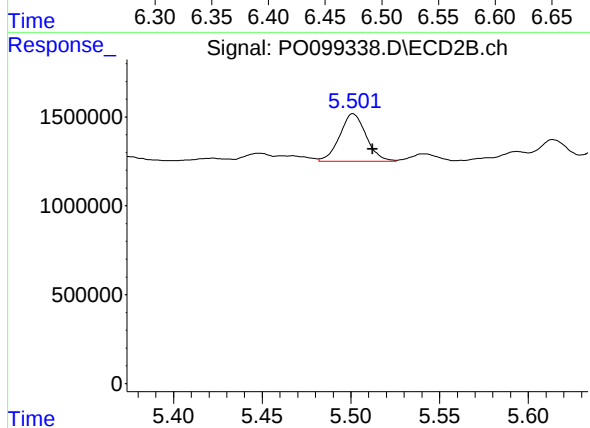
#25 AR-1248-5

R.T.: 5.541 min
Delta R.T.: -0.013 min
Response: 449105
Conc: 20.68 ng/ml



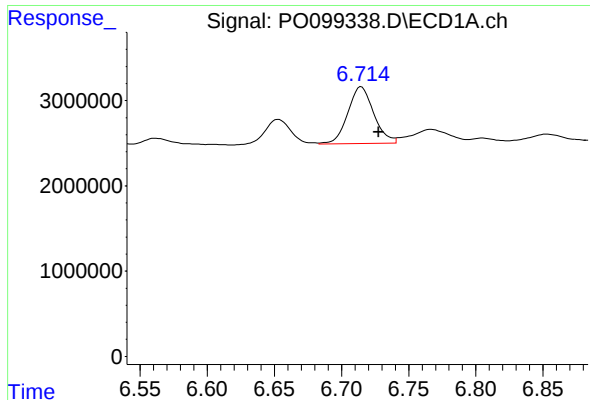
#26 AR-1254-1

R.T.: 6.497 min
Delta R.T.: -0.012 min
Response: 5748653
Conc: 87.33 ng/ml



#26 AR-1254-1

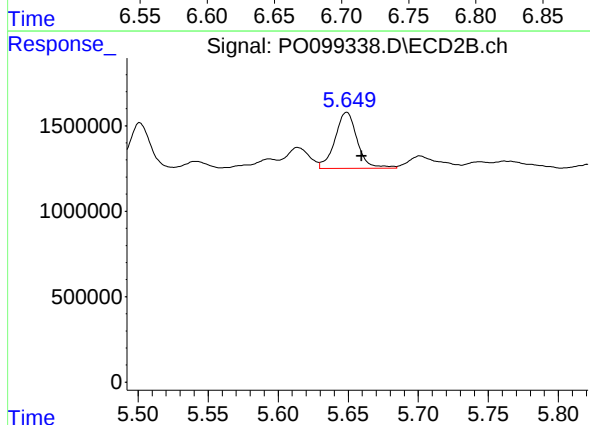
R.T.: 5.501 min
Delta R.T.: -0.011 min
Response: 2788191
Conc: 78.69 ng/ml



#27 AR-1254-2

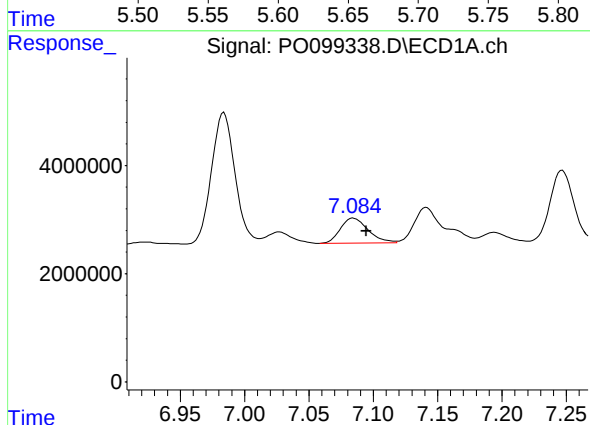
R.T.: 6.715 min
Delta R.T.: -0.013 min
Response: 8983985
Conc: 93.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



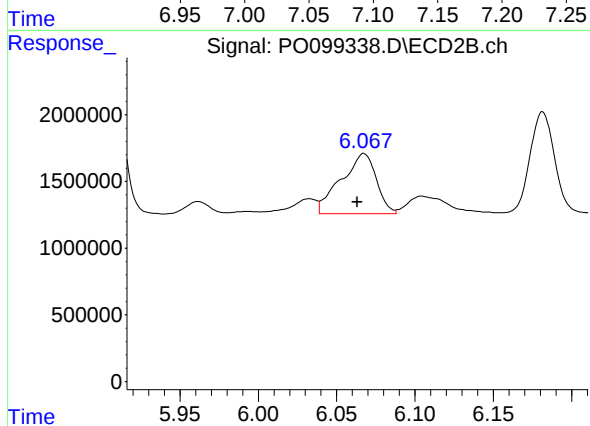
#27 AR-1254-2

R.T.: 5.649 min
Delta R.T.: -0.011 min
Response: 3633503
Conc: 113.60 ng/ml



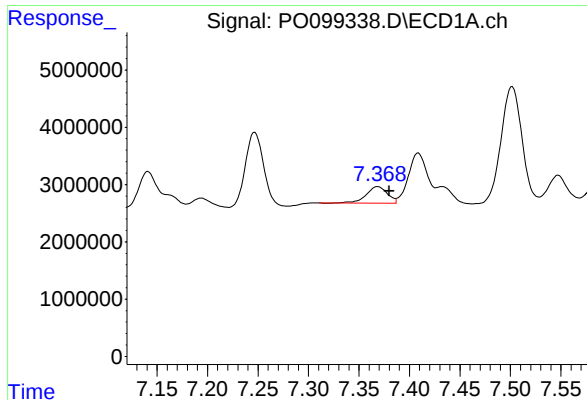
#28 AR-1254-3

R.T.: 7.084 min
Delta R.T.: -0.010 min
Response: 6899158
Conc: 77.19 ng/ml



#28 AR-1254-3

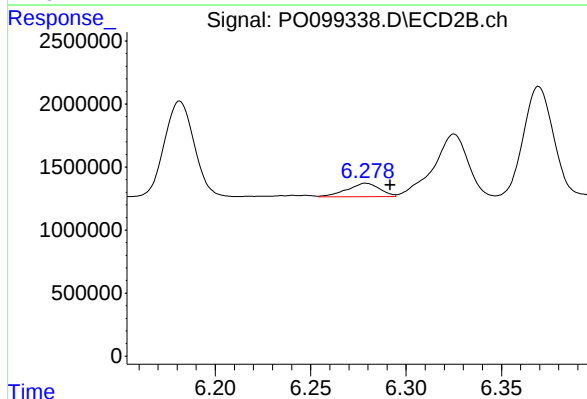
R.T.: 6.067 min
Delta R.T.: 0.004 min
Response: 7068495
Conc: 144.59 ng/ml



#29 AR-1254-4

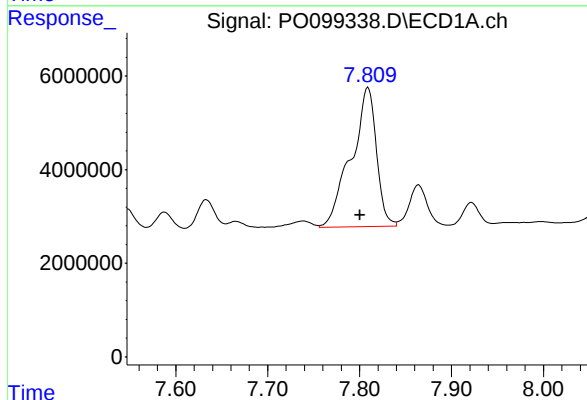
R.T.: 7.369 min
Delta R.T.: -0.011 min
Response: 4292427
Conc: 78.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



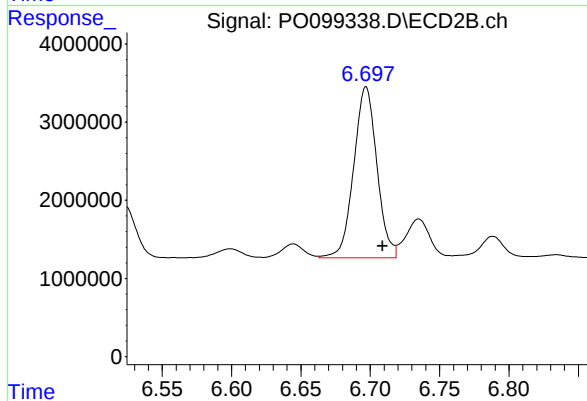
#29 AR-1254-4

R.T.: 6.279 min
Delta R.T.: -0.013 min
Response: 1276845
Conc: 48.72 ng/ml



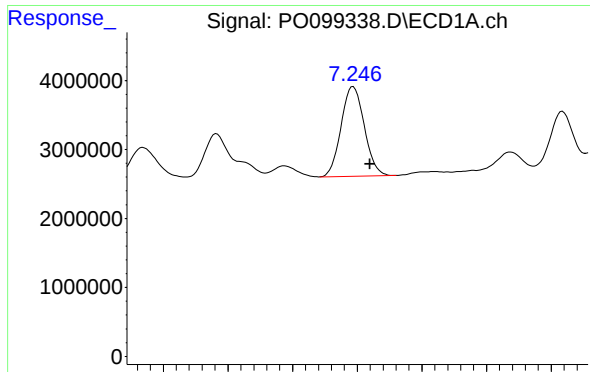
#30 AR-1254-5

R.T.: 7.809 min
Delta R.T.: 0.009 min
Response: 56845578
Conc: 844.22 ng/ml



#30 AR-1254-5

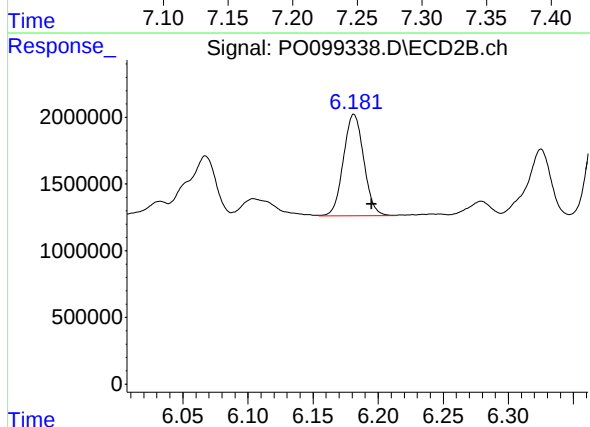
R.T.: 6.697 min
Delta R.T.: -0.012 min
Response: 25445222
Conc: 603.61 ng/ml



#31 AR-1260-1

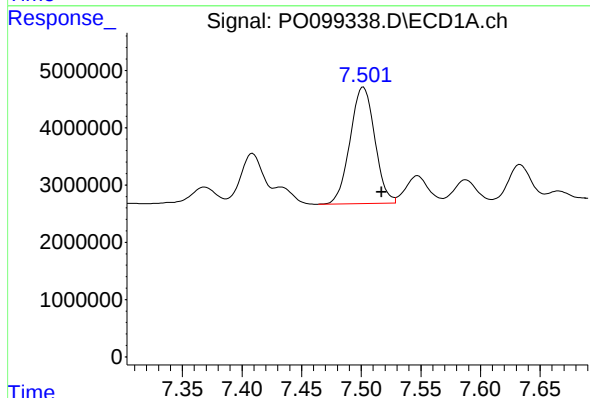
R.T.: 7.247 min
Delta R.T.: -0.013 min
Response: 16249755
Conc: 226.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



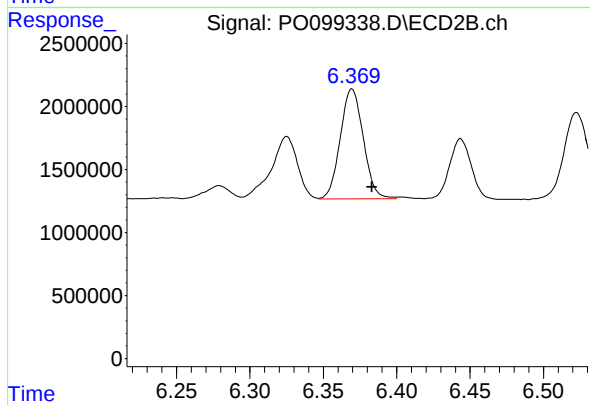
#31 AR-1260-1

R.T.: 6.181 min
Delta R.T.: -0.014 min
Response: 8282679
Conc: 234.80 ng/ml



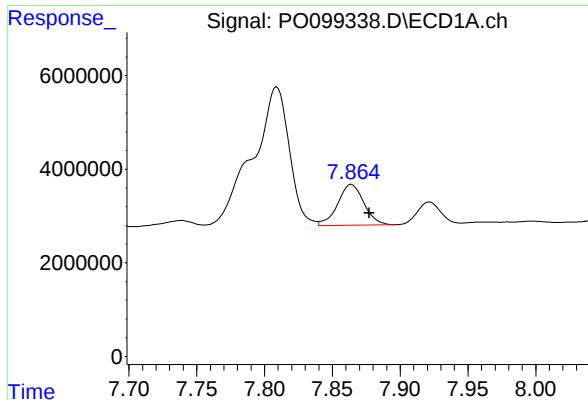
#32 AR-1260-2

R.T.: 7.502 min
Delta R.T.: -0.016 min
Response: 29256465
Conc: 370.82 ng/ml



#32 AR-1260-2

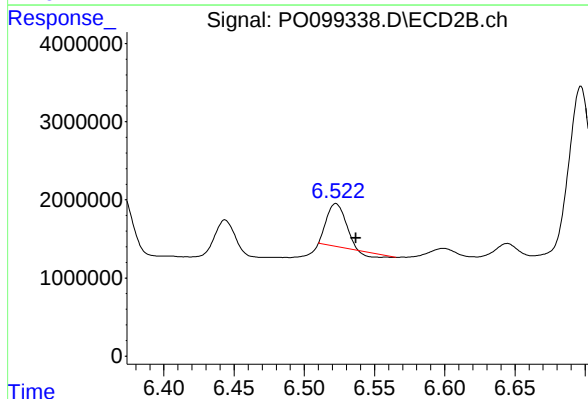
R.T.: 6.370 min
Delta R.T.: -0.014 min
Response: 9514103
Conc: 237.34 ng/ml



#33 AR-1260-3

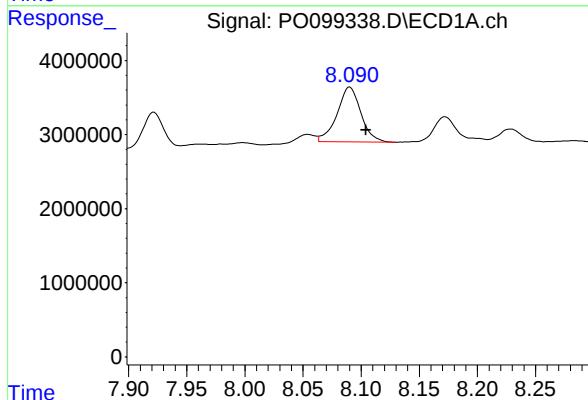
R.T.: 7.864 min
Delta R.T.: -0.013 min
Response: 11793293
Conc: 215.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



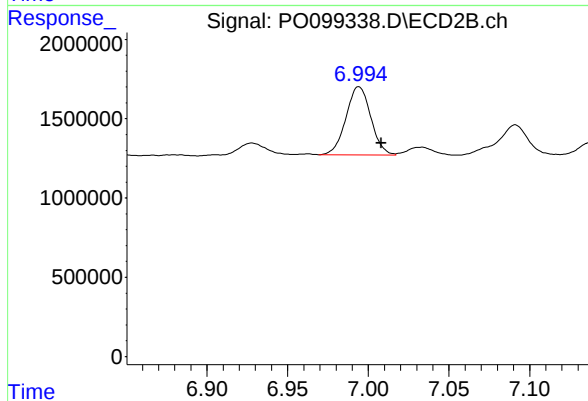
#33 AR-1260-3

R.T.: 6.523 min
Delta R.T.: -0.014 min
Response: 4670933
Conc: 123.53 ng/ml



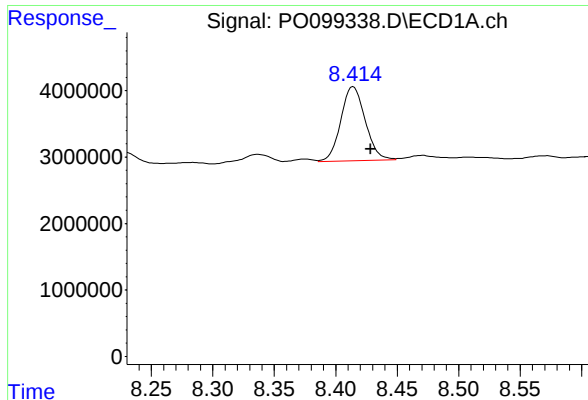
#34 AR-1260-4

R.T.: 8.090 min
Delta R.T.: -0.014 min
Response: 10518102
Conc: 167.87 ng/ml



#34 AR-1260-4

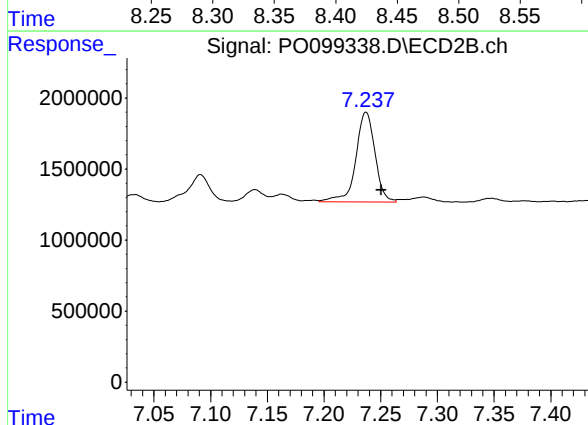
R.T.: 6.994 min
Delta R.T.: -0.014 min
Response: 4609754
Conc: 159.53 ng/ml



#35 AR-1260-5

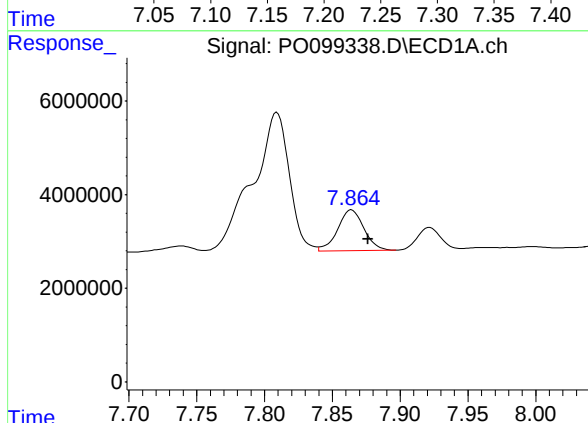
R.T.: 8.414 min
Delta R.T.: -0.014 min
Response: 15388865
Conc: 143.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



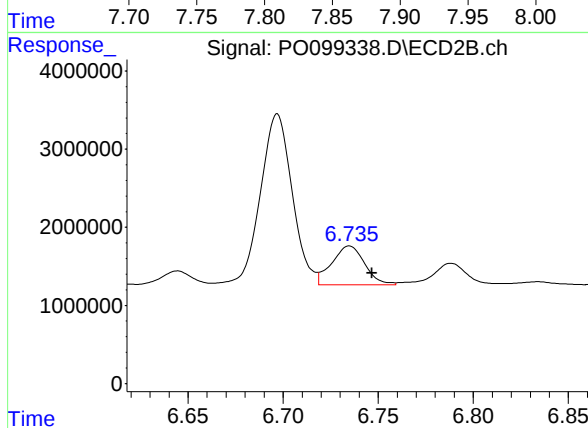
#35 AR-1260-5

R.T.: 7.237 min
Delta R.T.: -0.013 min
Response: 7451220
Conc: 123.82 ng/ml



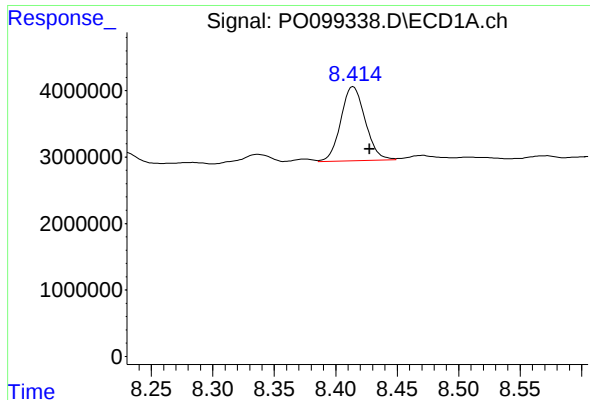
#36 AR-1262-1

R.T.: 7.864 min
Delta R.T.: -0.012 min
Response: 11793293
Conc: 130.30 ng/ml



#36 AR-1262-1

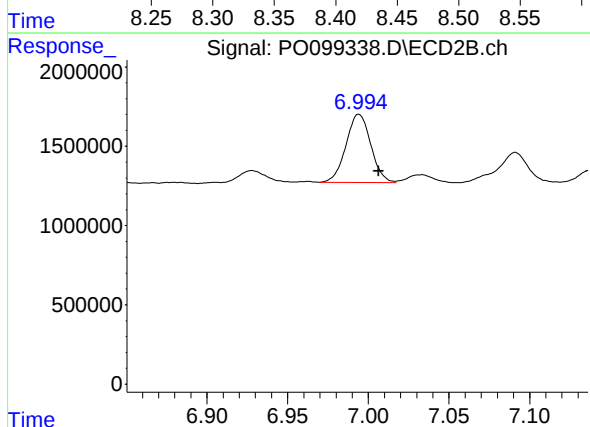
R.T.: 6.735 min
Delta R.T.: -0.012 min
Response: 5974412
Conc: 127.33 ng/ml



#37 AR-1262-2

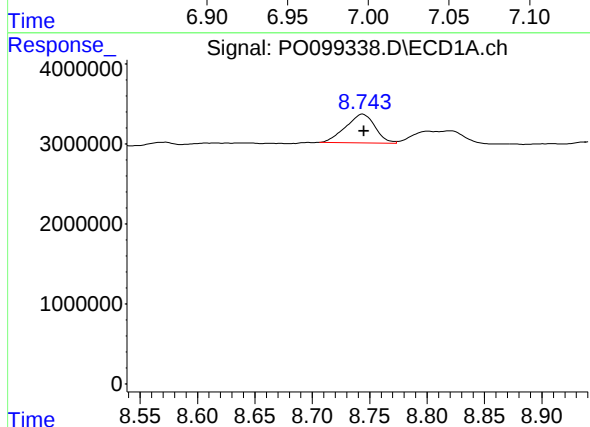
R.T.: 8.414 min
Delta R.T.: -0.013 min
Response: 15388865
Conc: 115.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



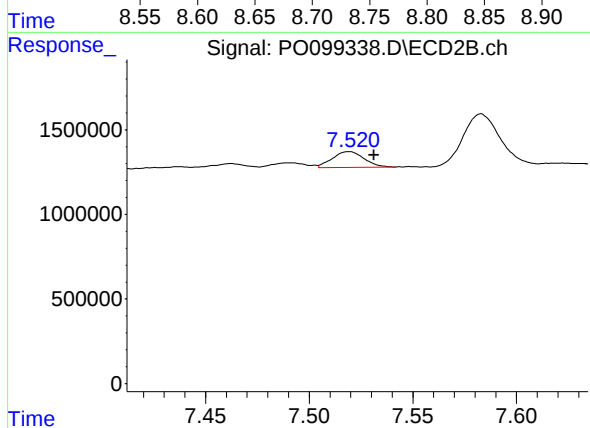
#37 AR-1262-2

R.T.: 6.994 min
Delta R.T.: -0.012 min
Response: 4609754
Conc: 111.03 ng/ml



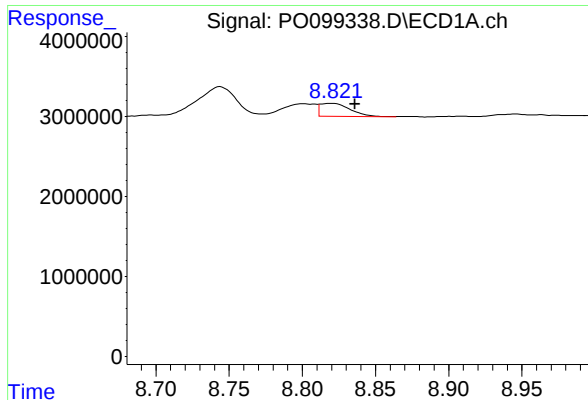
#38 AR-1262-3

R.T.: 8.744 min
Delta R.T.: 0.000 min
Response: 6407616
Conc: 65.16 ng/ml



#38 AR-1262-3

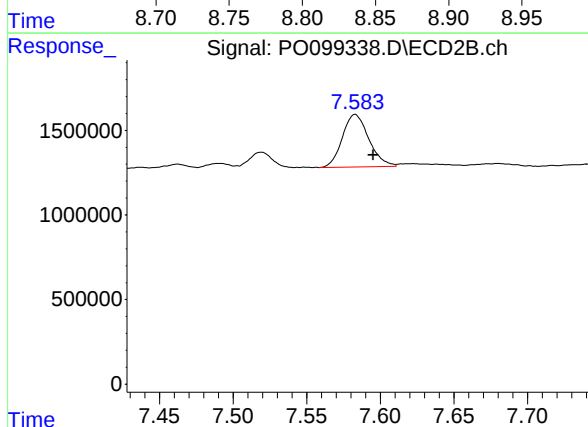
R.T.: 7.519 min
Delta R.T.: -0.012 min
Response: 994031
Conc: 31.12 ng/ml



#39 AR-1262-4

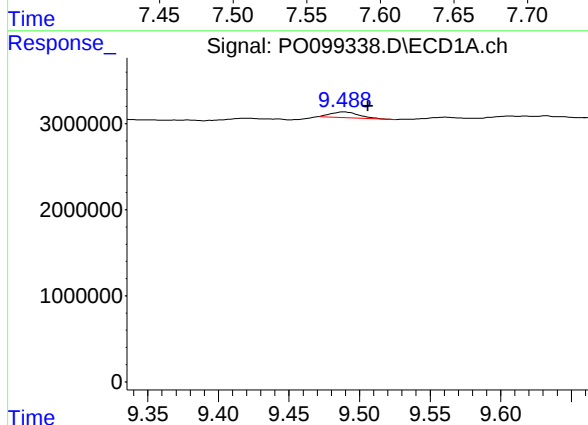
R.T.: 8.821 min
Delta R.T.: -0.015 min
Response: 2321529
Conc: 28.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



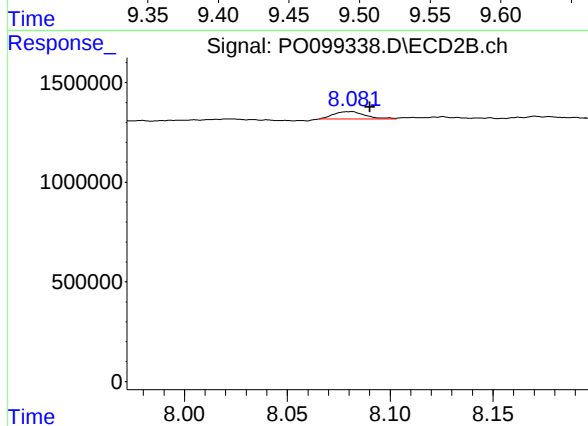
#39 AR-1262-4

R.T.: 7.583 min
Delta R.T.: -0.012 min
Response: 3872365
Conc: 70.43 ng/ml



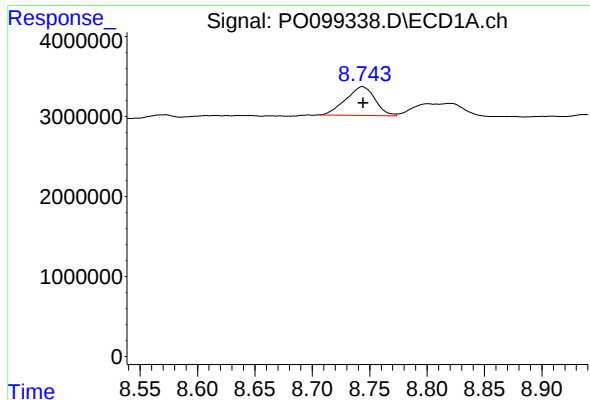
#40 AR-1262-5

R.T.: 9.489 min
Delta R.T.: -0.017 min
Response: 921397
Conc: 20.97 ng/ml



#40 AR-1262-5

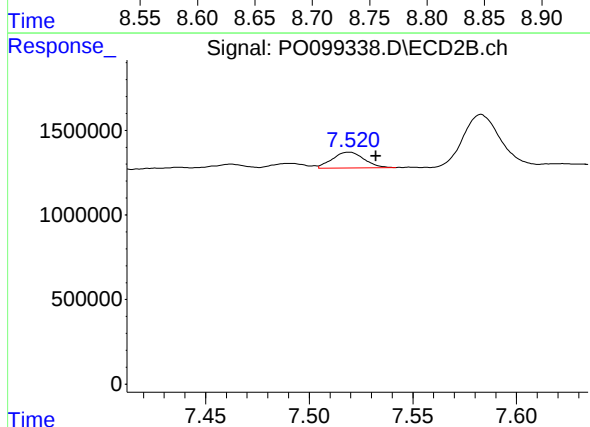
R.T.: 8.081 min
Delta R.T.: -0.010 min
Response: 401713
Conc: 16.00 ng/ml



#41 AR-1268-1

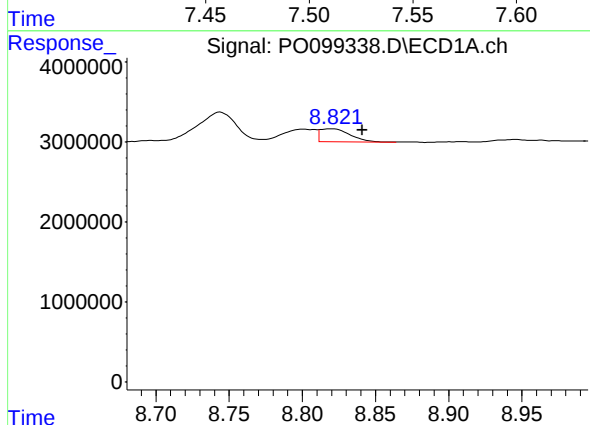
R.T.: 8.744 min
Delta R.T.: 0.000 min
Response: 6407616
Conc: 37.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



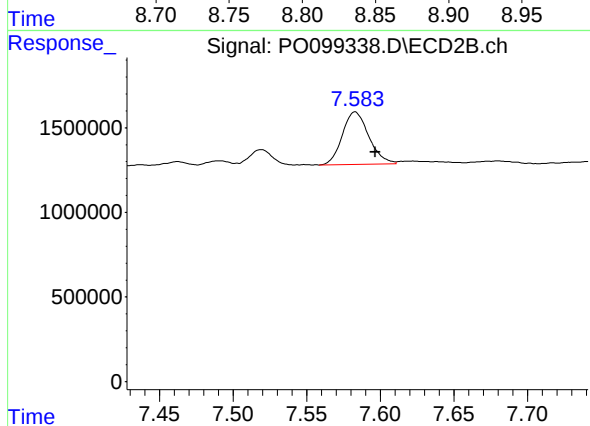
#41 AR-1268-1

R.T.: 7.519 min
Delta R.T.: -0.013 min
Response: 994031
Conc: 11.14 ng/ml



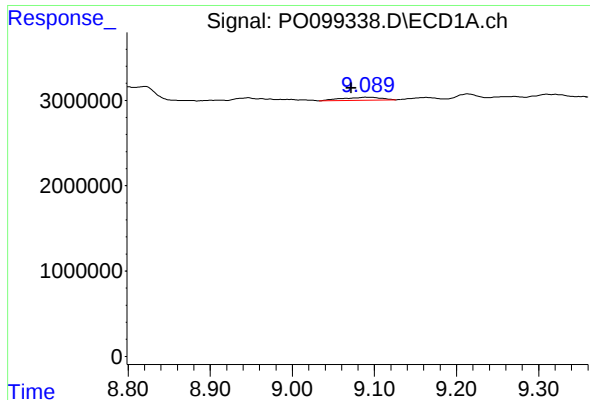
#42 AR-1268-2

R.T.: 8.821 min
Delta R.T.: -0.020 min
Response: 2321529
Conc: 14.81 ng/ml



#42 AR-1268-2

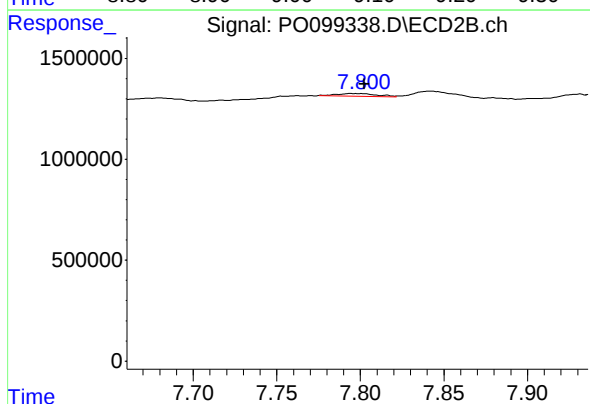
R.T.: 7.583 min
Delta R.T.: -0.014 min
Response: 3872365
Conc: 49.04 ng/ml



#43 AR-1268-3

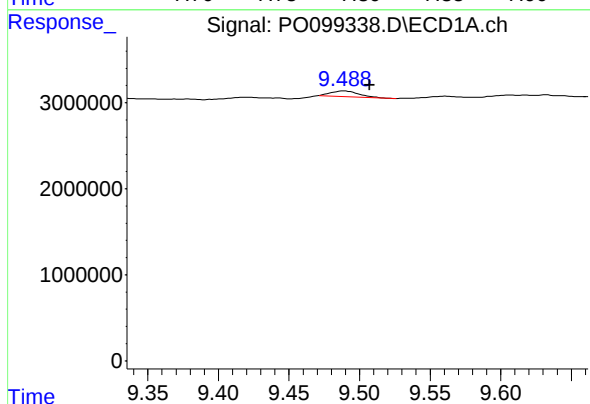
R.T.: 9.090 min
Delta R.T.: 0.018 min
Response: 1156438
Conc: 8.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



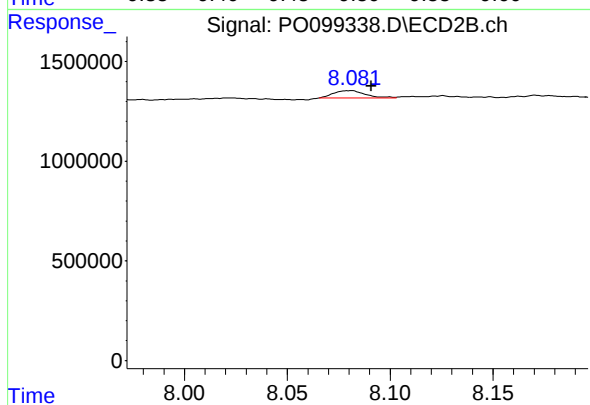
#43 AR-1268-3

R.T.: 7.795 min
Delta R.T.: -0.008 min
Response: 223755
Conc: 3.18 ng/ml



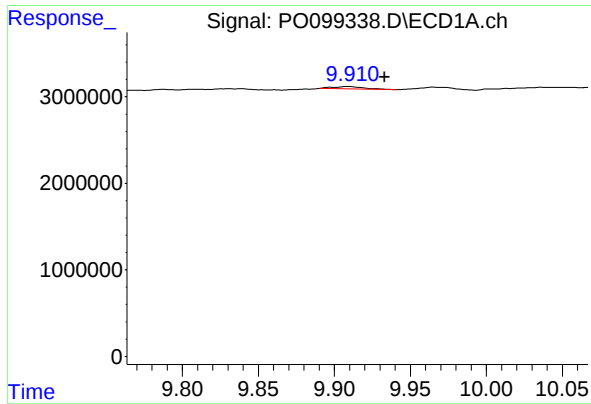
#44 AR-1268-4

R.T.: 9.489 min
Delta R.T.: -0.018 min
Response: 921397
Conc: 18.37 ng/ml



#44 AR-1268-4

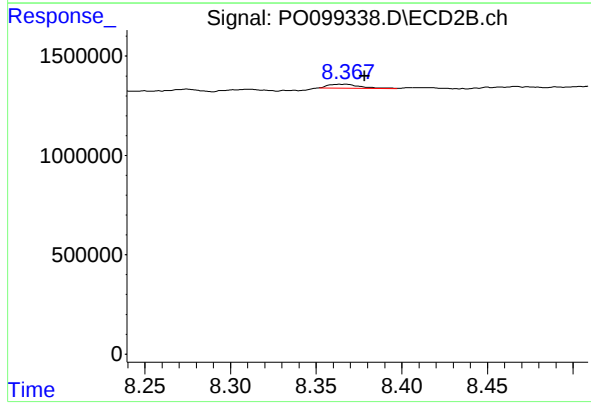
R.T.: 8.081 min
Delta R.T.: -0.010 min
Response: 401713
Conc: 14.58 ng/ml



#45 AR-1268-5

R.T.: 9.909 min
Delta R.T.: -0.024 min
Response: 407738
Conc: 1.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.366 min
Delta R.T.: -0.012 min
Response: 240091
Conc: 1.26 ng/ml