

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112923\
 Data File : PO100142.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Nov 2023 15:53
 Operator : YP/AJ
 Sample : 05557-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 29 20:09:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 21 15:58:40 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...	4.480	3.704	33734778	29213416	19.765	19.477
2)	SA Decachlor...	10.362	8.799	12702460	18737345	17.488	16.745
Target Compounds							
3)	L1 AR-1016-1	5.664	4.821	813652	584141	18.911	18.499
4)	L1 AR-1016-2	5.689	4.837	708759	281608	10.947	6.513 #
5)	L1 AR-1016-3	5.744	5.005	763091	168788	17.508	7.278 #
6)	L1 AR-1016-4	5.855	5.050	381330	675247	11.552	32.937 #
7)	L1 AR-1016-5	6.152	5.261	635762	433816	20.248	17.011
8)	L2 AR-1221-1	4.690	3.930	2803588	109965	135.996	5.785 #
9)	L2 AR-1221-2	4.789	3.992	467665	3263290	30.963	250.418 #
10)	L2 AR-1221-3	4.870	4.083	272507	54600	6.073	1.520 #
11)	L3 AR-1232-1	4.870	4.083	272507	54600	7.637	1.861 #
12)	L3 AR-1232-2	5.359f	4.837	1040091	281608	59.759	14.200 #
13)	L3 AR-1232-3	5.689	5.005	708759	168788	25.012	16.287 #
14)	L3 AR-1232-4	5.855	5.092	381330	317711	27.450	31.963
15)	L3 AR-1232-5	5.946	5.261	974122	433816	79.376	40.168 #
16)	L4 AR-1242-1	5.664	4.821	813652	584141	23.487	22.227
17)	L4 AR-1242-2	5.689	4.837	708759	281608	13.506	8.009 #
18)	L4 AR-1242-3	5.761	5.005	290119	168788	8.336	8.814
19)	L4 AR-1242-4	5.855	5.092	381330	317711	14.505	15.773
20)	L4 AR-1242-5	6.605	5.623	2584296	6684931	115.582	286.099 #
21)	L5 AR-1248-1	5.664	4.821	813652	584141	31.473	29.219
22)	L5 AR-1248-2	5.946	5.050	974122	675247	23.819	24.133
23)	L5 AR-1248-3	6.152	5.092	635762	317711	14.843	11.002 #
24)	L5 AR-1248-4	6.560	5.261	1280414	433816	33.971	13.230 #
25)	L5 AR-1248-5	6.605	5.665	2584296	1521685	69.973	50.941 #
26)	L6 AR-1254-1	6.535	5.623	4990768	6684931	103.644	128.960
27)	L6 AR-1254-2	6.755	5.772	12998377	13153768	189.535	282.465 #
28)	L6 AR-1254-3	7.126	6.181	20538477	27840227	322.387	356.968
29)	L6 AR-1254-4	7.415	6.412	16344275	17536020	432.344	410.903
30)	L6 AR-1254-5	7.840	6.833	42092307	60023399	983.412	829.476
31)	L7 AR-1260-1	7.293	6.312	15097260	16896064	283.546	292.399
32)	L7 AR-1260-2	7.553	6.501	19338607	24122637	365.588	363.201
33)	L7 AR-1260-3	7.893	6.657	8680614	15990437	243.359	249.899
34)	L7 AR-1260-4	8.132	7.134	14227546	4874714	343.759	96.670 #
35)	L7 AR-1260-5	8.475	7.375	5957696	9021758	89.187	80.477
36)	L8 AR-1262-1	7.840	6.833	42092307	60023399	1163.678	1570.424 #
37)	L8 AR-1262-2	8.475	7.134	5957696	4874714	70.169	64.626
38)	L8 AR-1262-3	8.814	7.663	3825647	1184382	63.510	20.335 #
39)	L8 AR-1262-4	8.892	7.725	1394917	11878120	28.934	115.565 #
40)	L8 AR-1262-5	9.576	8.229	652779	1611933	25.003	36.994 #
41)	L9 AR-1268-1	8.814	7.663	3825647	1184382	34.658	7.131 #

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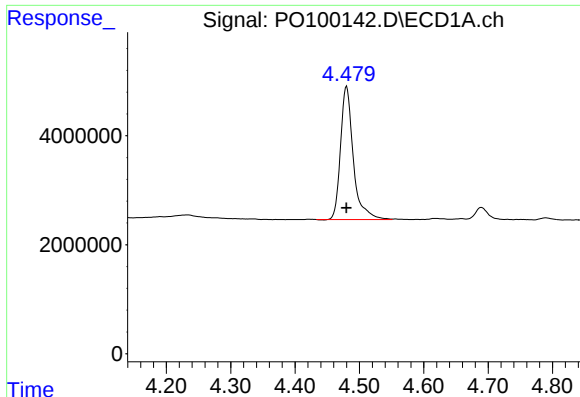
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 29 20:09:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112123.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.892	7.725	1394917	11878120	14.490	77.817 #
43) L9	AR-1268-3	9.134	7.938	130691	1067817	1.449	7.451 #
44) L9	AR-1268-4	9.576	8.229	652779	1611933	22.956	34.307 #
45) L9	AR-1268-5	10.005	8.517	891215	1476468	3.543	3.708

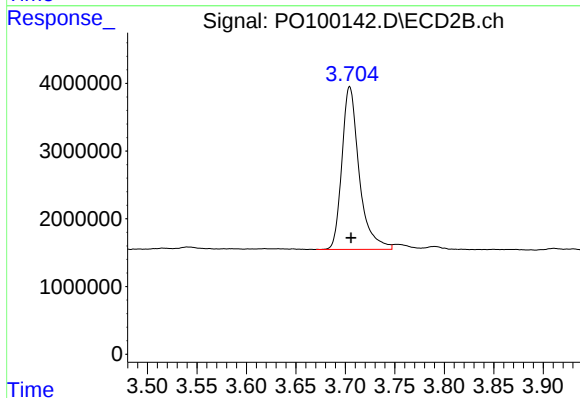
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

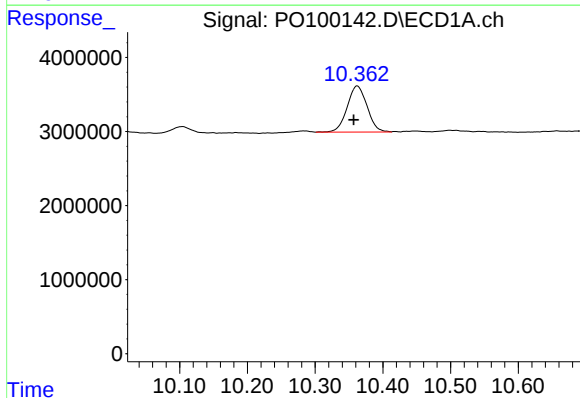
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 33734778
Conc: 19.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



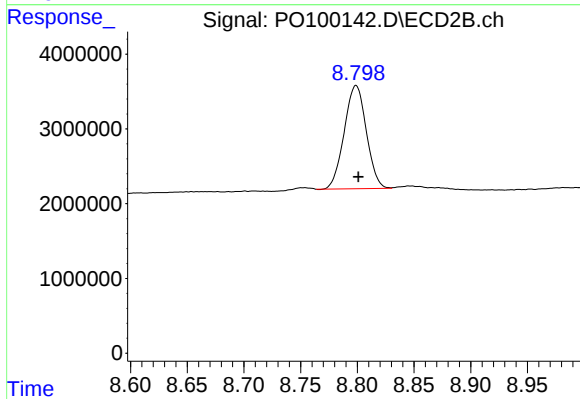
#1 Tetrachloro-m-xylene

R.T.: 3.704 min
Delta R.T.: -0.001 min
Response: 29213416
Conc: 19.48 ng/ml



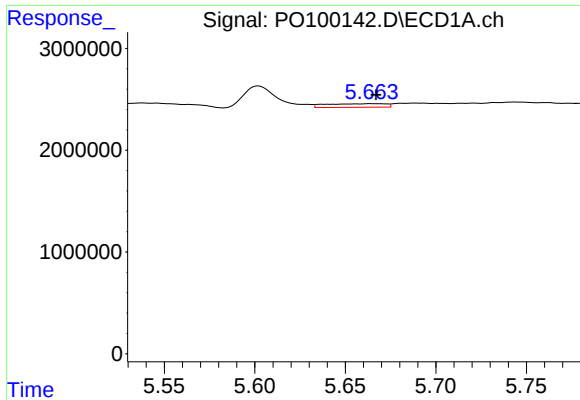
#2 Decachlorobiphenyl

R.T.: 10.362 min
Delta R.T.: 0.005 min
Response: 12702460
Conc: 17.49 ng/ml



#2 Decachlorobiphenyl

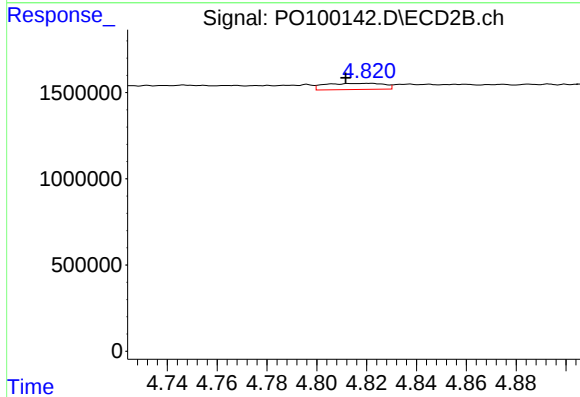
R.T.: 8.799 min
Delta R.T.: -0.002 min
Response: 18737345
Conc: 16.74 ng/ml



#3 AR-1016-1

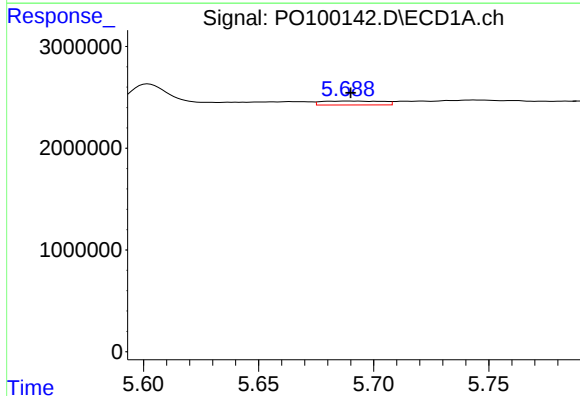
R.T.: 5.664 min
Delta R.T.: -0.003 min
Response: 813652
Conc: 18.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



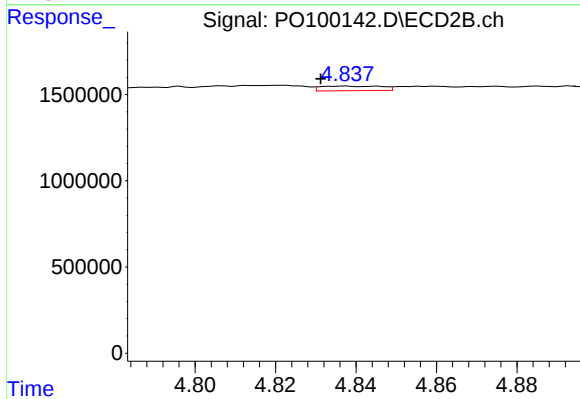
#3 AR-1016-1

R.T.: 4.821 min
Delta R.T.: 0.009 min
Response: 584141
Conc: 18.50 ng/ml



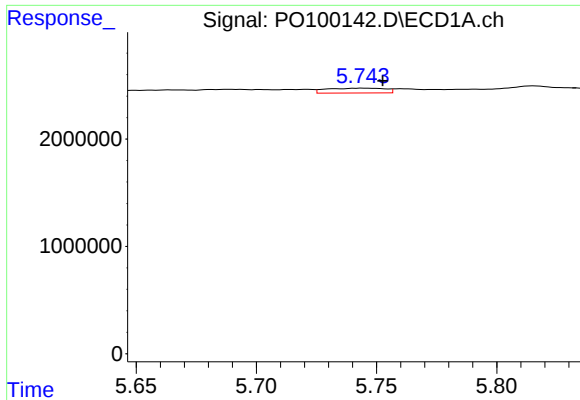
#4 AR-1016-2

R.T.: 5.689 min
Delta R.T.: -0.001 min
Response: 708759
Conc: 10.95 ng/ml



#4 AR-1016-2

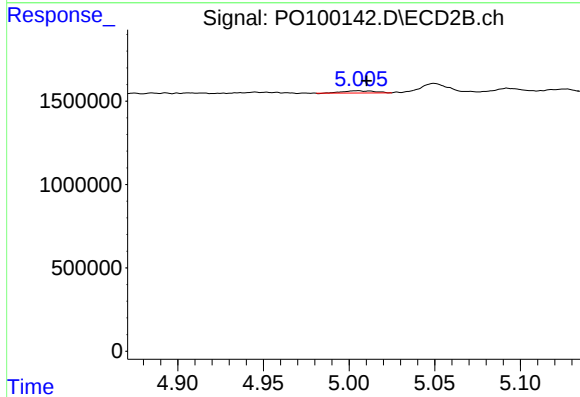
R.T.: 4.837 min
Delta R.T.: 0.006 min
Response: 281608
Conc: 6.51 ng/ml



#5 AR-1016-3

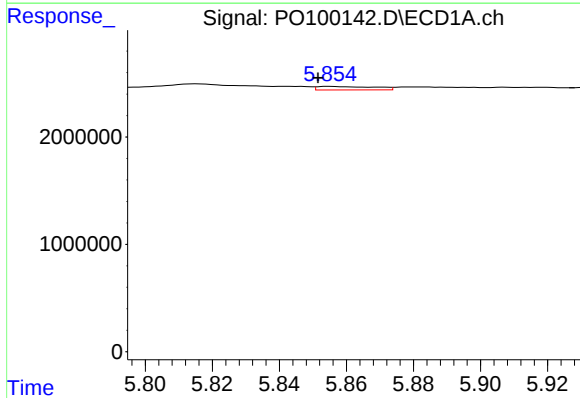
R.T.: 5.744 min
Delta R.T.: -0.008 min
Response: 763091
Conc: 17.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



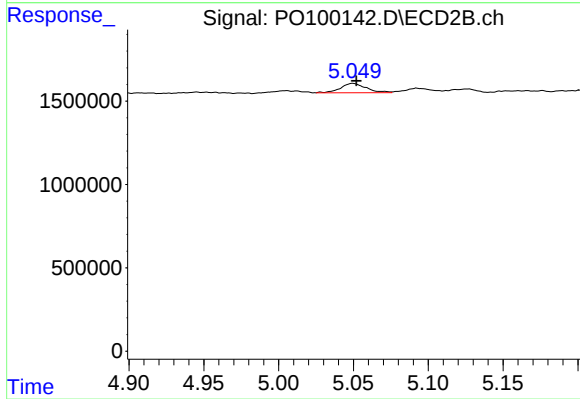
#5 AR-1016-3

R.T.: 5.005 min
Delta R.T.: -0.006 min
Response: 168788
Conc: 7.28 ng/ml



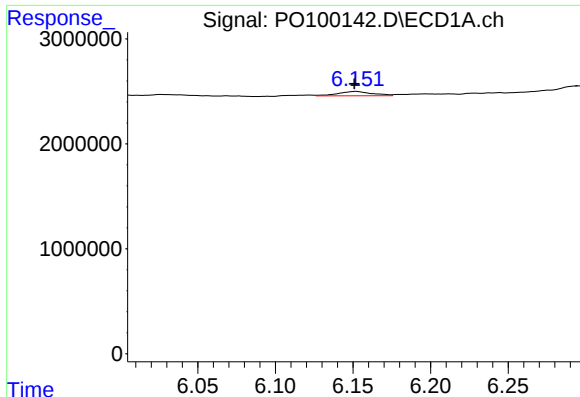
#6 AR-1016-4

R.T.: 5.855 min
Delta R.T.: 0.003 min
Response: 381330
Conc: 11.55 ng/ml



#6 AR-1016-4

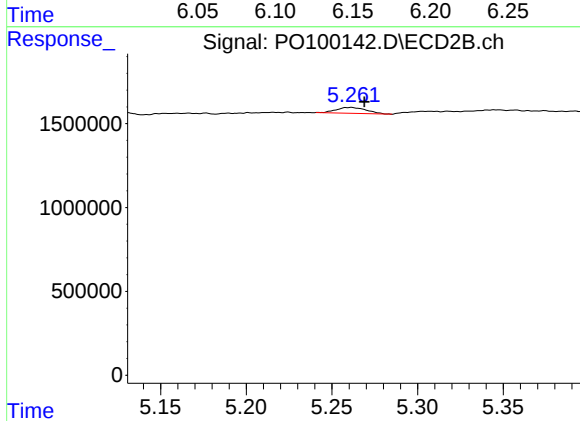
R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 675247
Conc: 32.94 ng/ml



#7 AR-1016-5

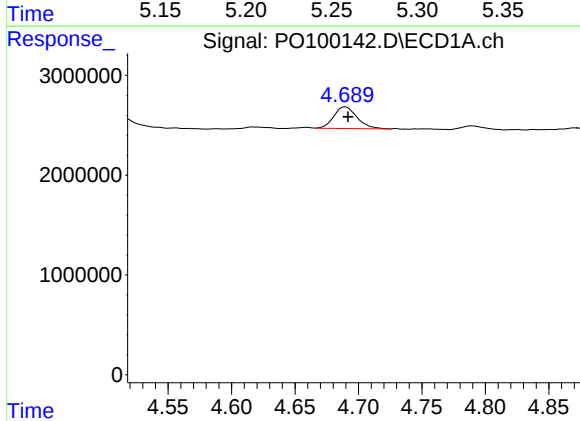
R.T.: 6.152 min
Delta R.T.: 0.001 min
Response: 635762
Conc: 20.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



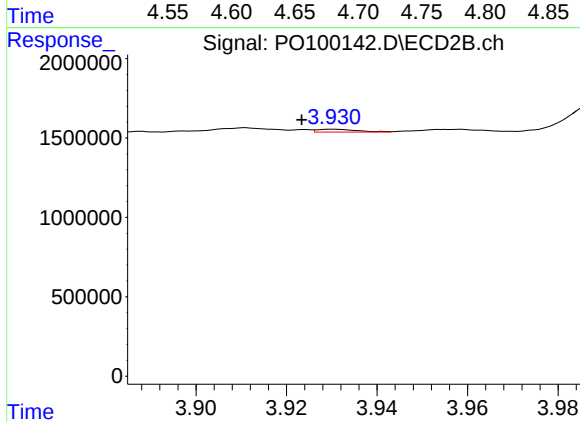
#7 AR-1016-5

R.T.: 5.261 min
Delta R.T.: -0.008 min
Response: 433816
Conc: 17.01 ng/ml



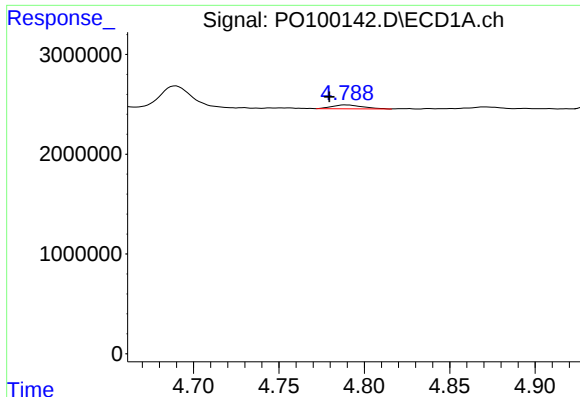
#8 AR-1221-1

R.T.: 4.690 min
Delta R.T.: -0.002 min
Response: 2803588
Conc: 136.00 ng/ml



#8 AR-1221-1

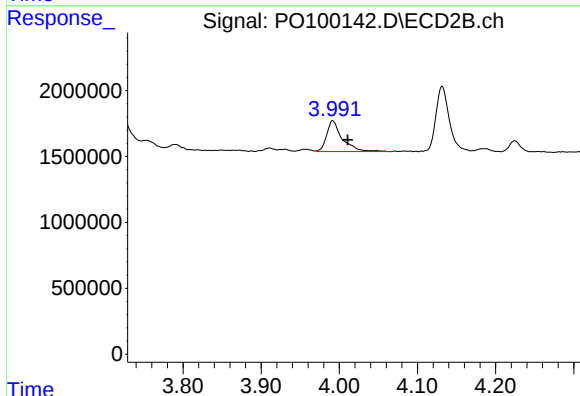
R.T.: 3.930 min
Delta R.T.: 0.007 min
Response: 109965
Conc: 5.78 ng/ml



#9 AR-1221-2

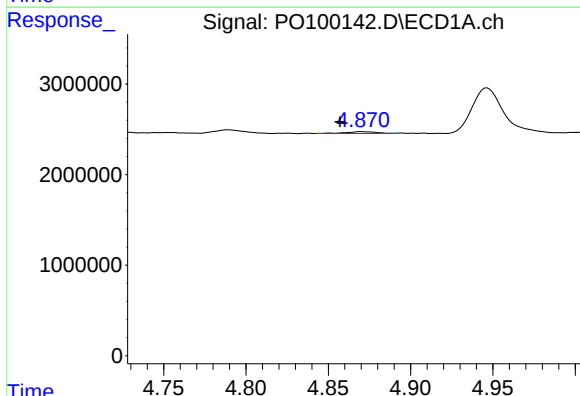
R.T.: 4.789 min
Delta R.T.: 0.010 min
Response: 467665
Conc: 30.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



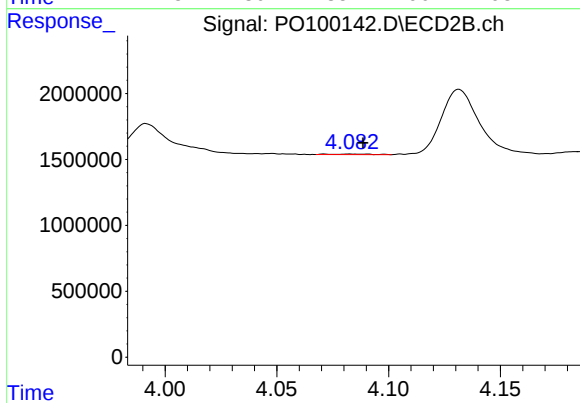
#9 AR-1221-2

R.T.: 3.992 min
Delta R.T.: -0.019 min
Response: 3263290
Conc: 250.42 ng/ml



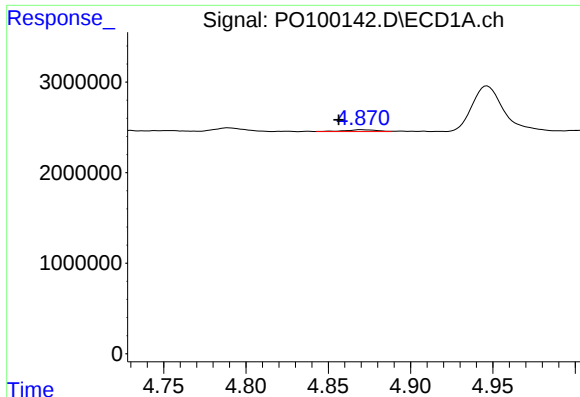
#10 AR-1221-3

R.T.: 4.870 min
Delta R.T.: 0.013 min
Response: 272507
Conc: 6.07 ng/ml



#10 AR-1221-3

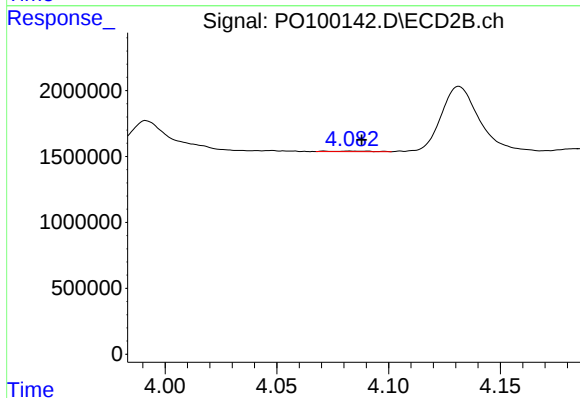
R.T.: 4.083 min
Delta R.T.: -0.006 min
Response: 54600
Conc: 1.52 ng/ml



#11 AR-1232-1

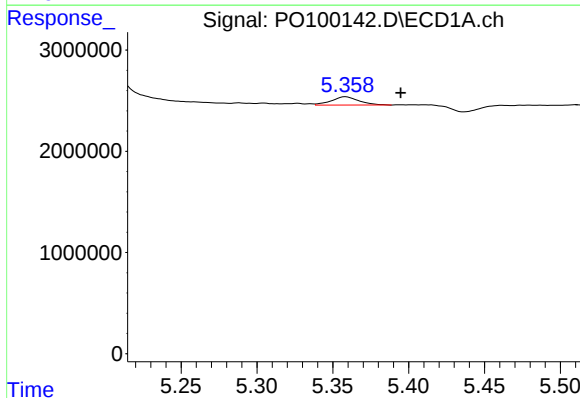
R.T.: 4.870 min
Delta R.T.: 0.014 min
Response: 272507
Conc: 7.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



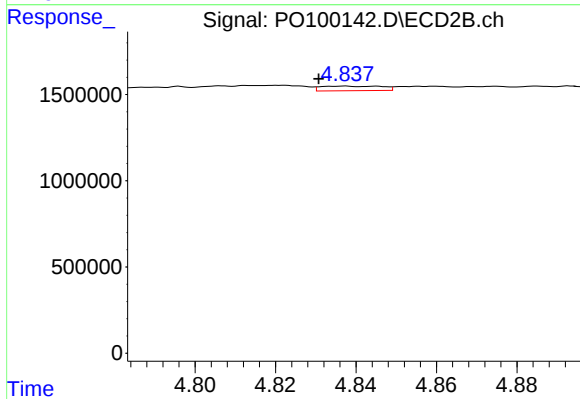
#11 AR-1232-1

R.T.: 4.083 min
Delta R.T.: -0.005 min
Response: 54600
Conc: 1.86 ng/ml



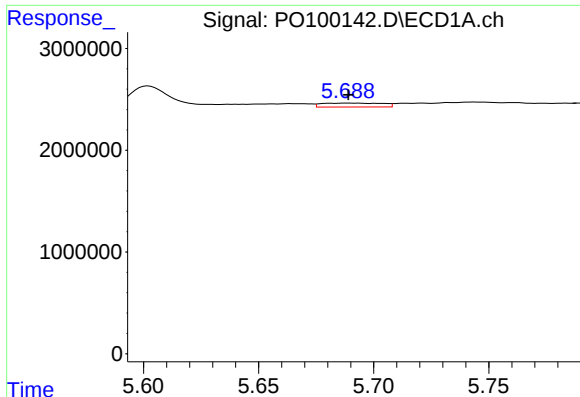
#12 AR-1232-2

R.T.: 5.359 min
Delta R.T.: -0.036 min
Response: 1040091
Conc: 59.76 ng/ml



#12 AR-1232-2

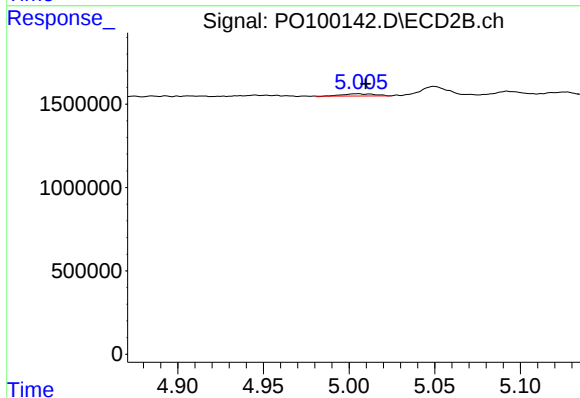
R.T.: 4.837 min
Delta R.T.: 0.006 min
Response: 281608
Conc: 14.20 ng/ml



#13 AR-1232-3

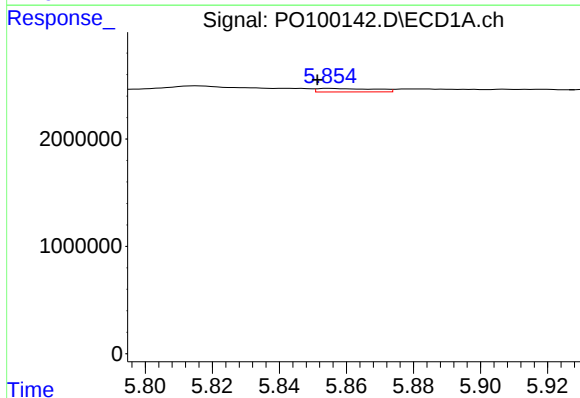
R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 708759
Conc: 25.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



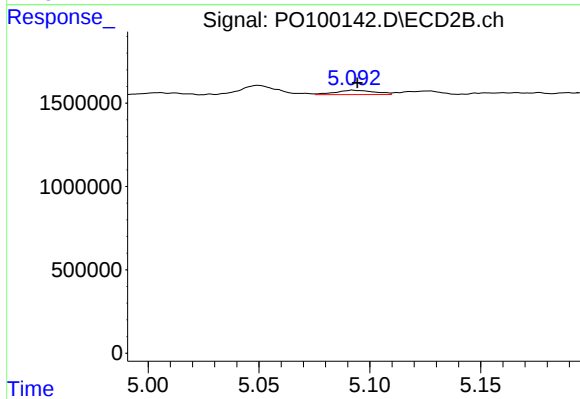
#13 AR-1232-3

R.T.: 5.005 min
Delta R.T.: -0.005 min
Response: 168788
Conc: 16.29 ng/ml



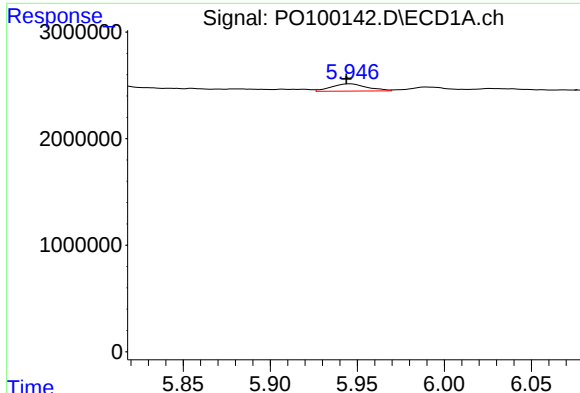
#14 AR-1232-4

R.T.: 5.855 min
Delta R.T.: 0.004 min
Response: 381330
Conc: 27.45 ng/ml



#14 AR-1232-4

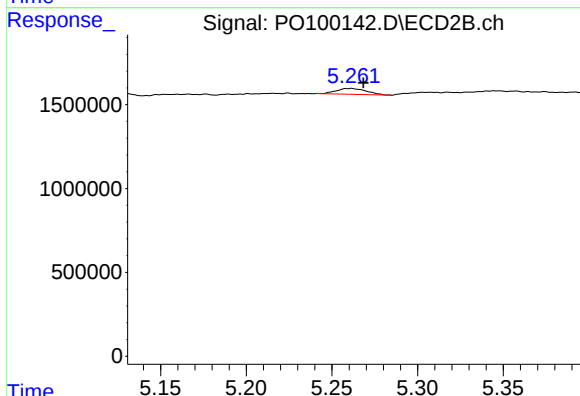
R.T.: 5.092 min
Delta R.T.: -0.002 min
Response: 317711
Conc: 31.96 ng/ml



#15 AR-1232-5

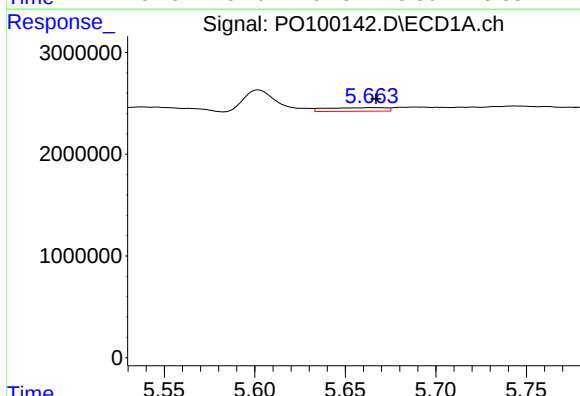
R.T.: 5.946 min
Delta R.T.: 0.002 min
Response: 974122
Conc: 79.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



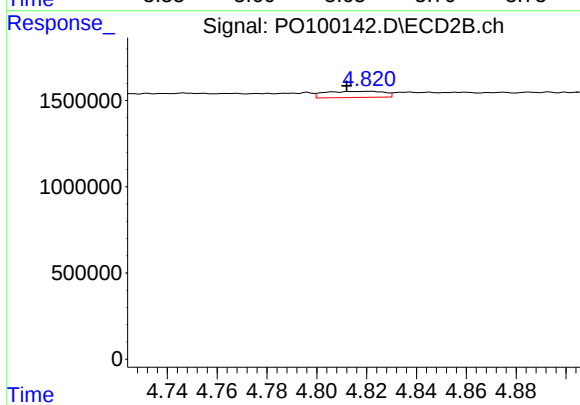
#15 AR-1232-5

R.T.: 5.261 min
Delta R.T.: -0.008 min
Response: 433816
Conc: 40.17 ng/ml



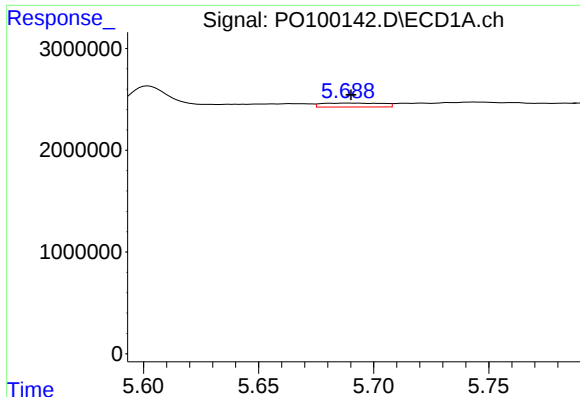
#16 AR-1242-1

R.T.: 5.664 min
Delta R.T.: -0.003 min
Response: 813652
Conc: 23.49 ng/ml



#16 AR-1242-1

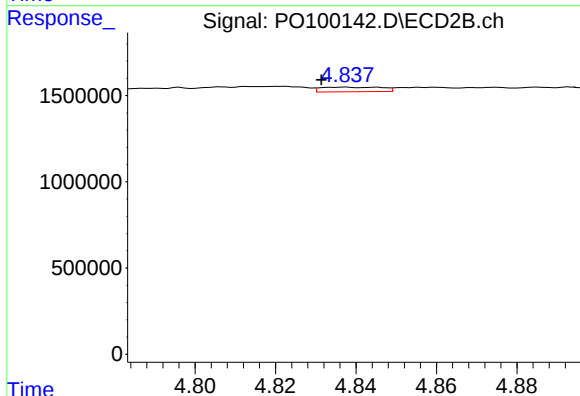
R.T.: 4.821 min
Delta R.T.: 0.009 min
Response: 584141
Conc: 22.23 ng/ml



#17 AR-1242-2

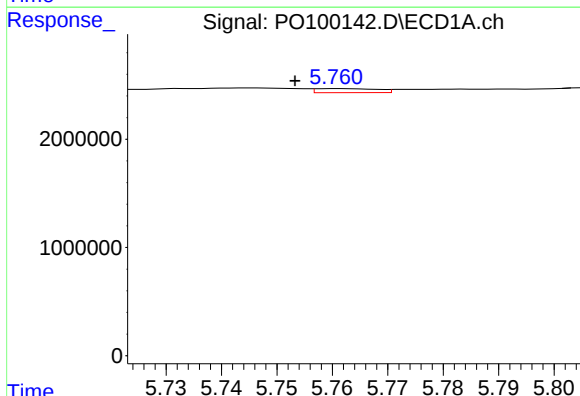
R.T.: 5.689 min
Delta R.T.: -0.002 min
Response: 708759
Conc: 13.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



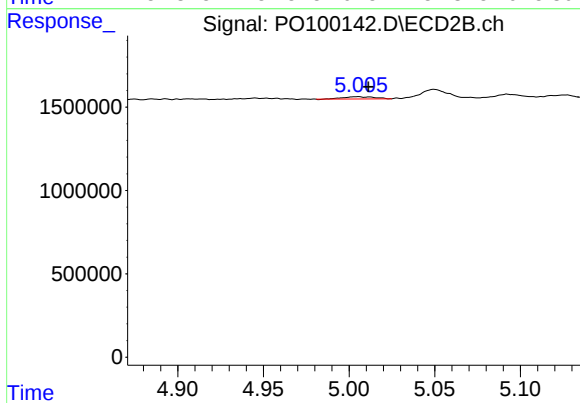
#17 AR-1242-2

R.T.: 4.837 min
Delta R.T.: 0.006 min
Response: 281608
Conc: 8.01 ng/ml



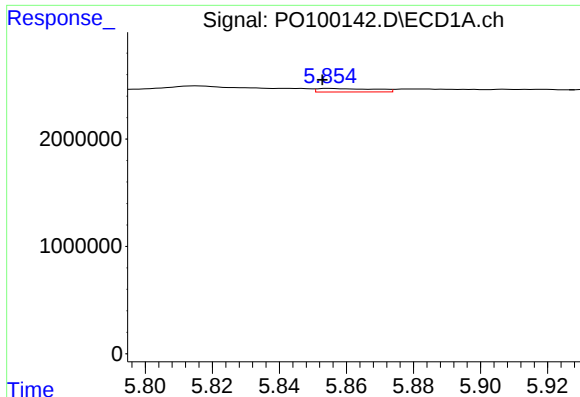
#18 AR-1242-3

R.T.: 5.761 min
Delta R.T.: 0.008 min
Response: 290119
Conc: 8.34 ng/ml



#18 AR-1242-3

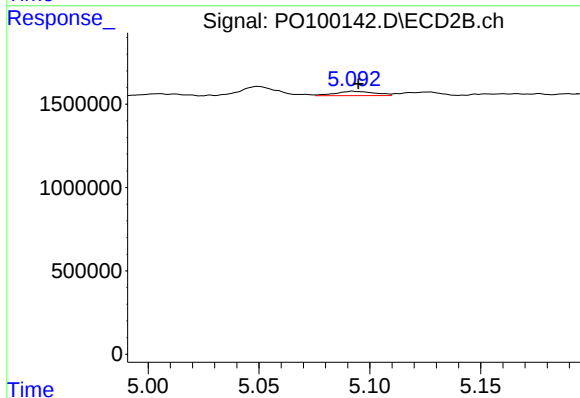
R.T.: 5.005 min
Delta R.T.: -0.006 min
Response: 168788
Conc: 8.81 ng/ml



#19 AR-1242-4

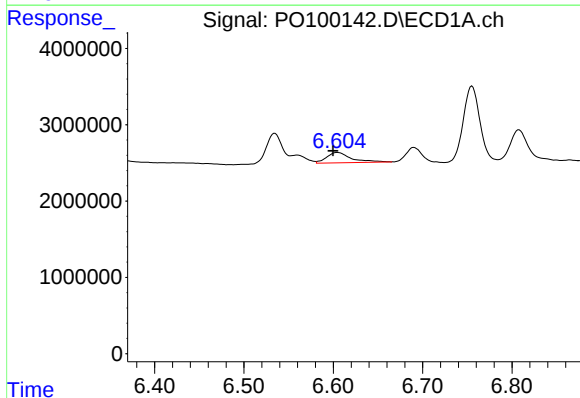
R.T.: 5.855 min
Delta R.T.: 0.002 min
Response: 381330
Conc: 14.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



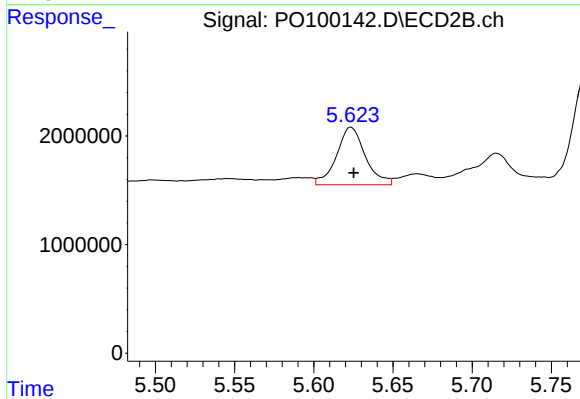
#19 AR-1242-4

R.T.: 5.092 min
Delta R.T.: -0.002 min
Response: 317711
Conc: 15.77 ng/ml



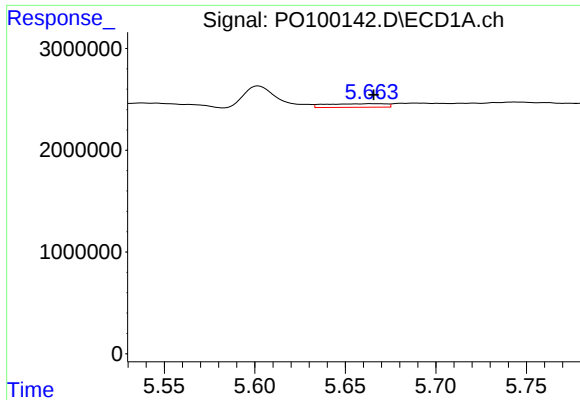
#20 AR-1242-5

R.T.: 6.605 min
Delta R.T.: 0.005 min
Response: 2584296
Conc: 115.58 ng/ml



#20 AR-1242-5

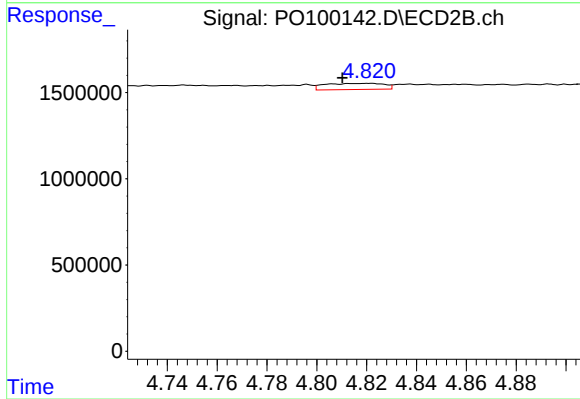
R.T.: 5.623 min
Delta R.T.: -0.002 min
Response: 6684931
Conc: 286.10 ng/ml



#21 AR-1248-1

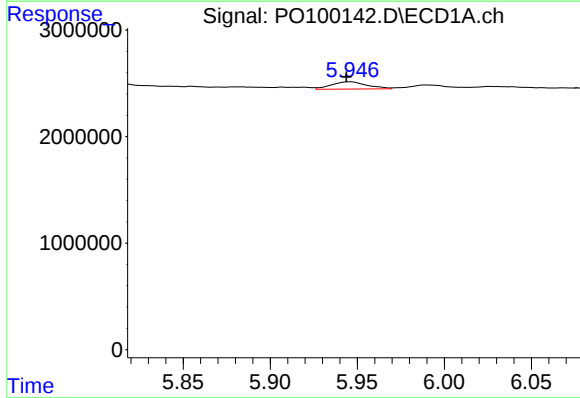
R.T.: 5.664 min
Delta R.T.: -0.001 min
Response: 813652
Conc: 31.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



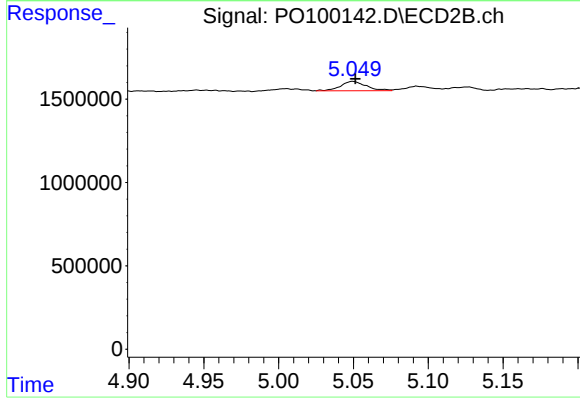
#21 AR-1248-1

R.T.: 4.821 min
Delta R.T.: 0.011 min
Response: 584141
Conc: 29.22 ng/ml



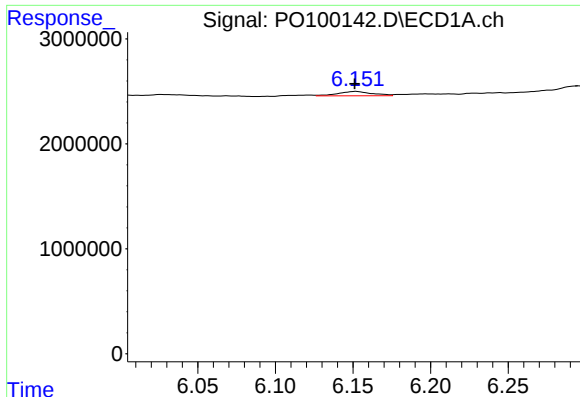
#22 AR-1248-2

R.T.: 5.946 min
Delta R.T.: 0.002 min
Response: 974122
Conc: 23.82 ng/ml



#22 AR-1248-2

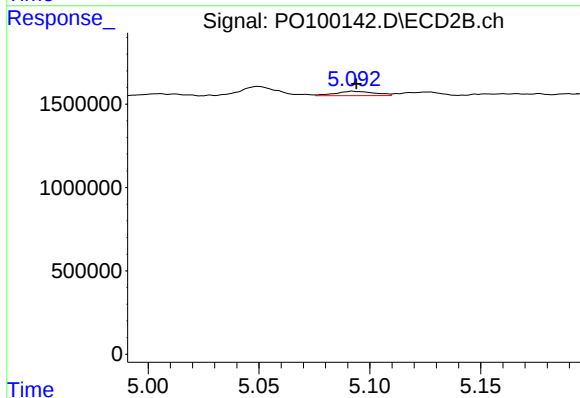
R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 675247
Conc: 24.13 ng/ml



#23 AR-1248-3

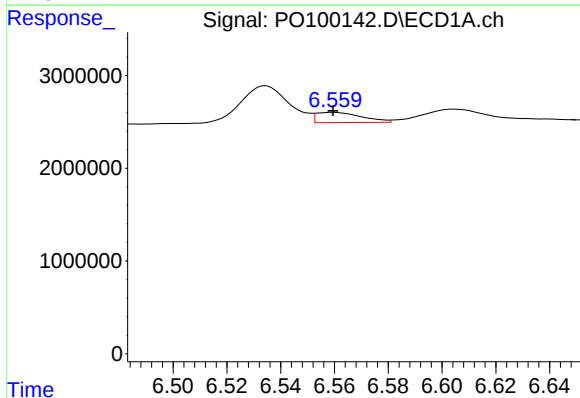
R.T.: 6.152 min
Delta R.T.: 0.001 min
Response: 635762
Conc: 14.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



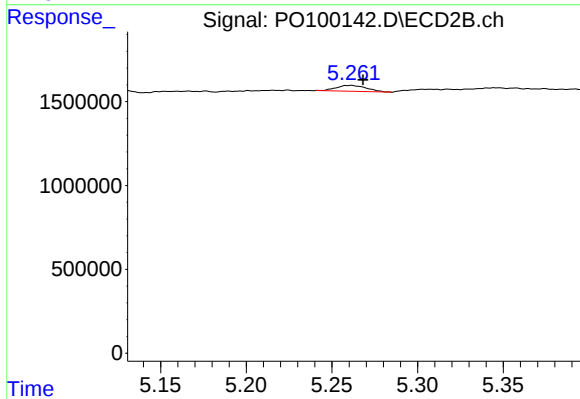
#23 AR-1248-3

R.T.: 5.092 min
Delta R.T.: -0.001 min
Response: 317711
Conc: 11.00 ng/ml



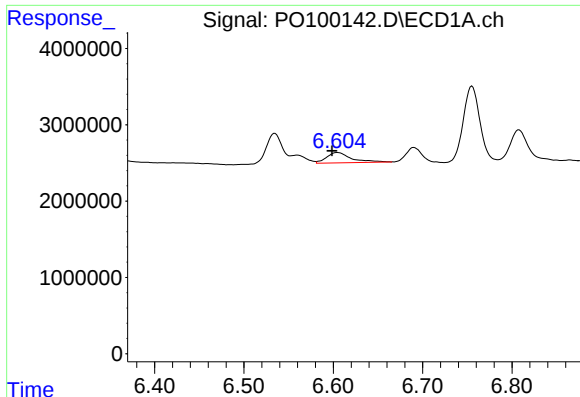
#24 AR-1248-4

R.T.: 6.560 min
Delta R.T.: 0.000 min
Response: 1280414
Conc: 33.97 ng/ml



#24 AR-1248-4

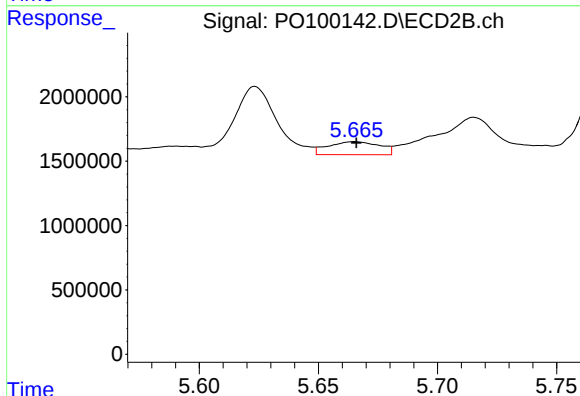
R.T.: 5.261 min
Delta R.T.: -0.007 min
Response: 433816
Conc: 13.23 ng/ml



#25 AR-1248-5

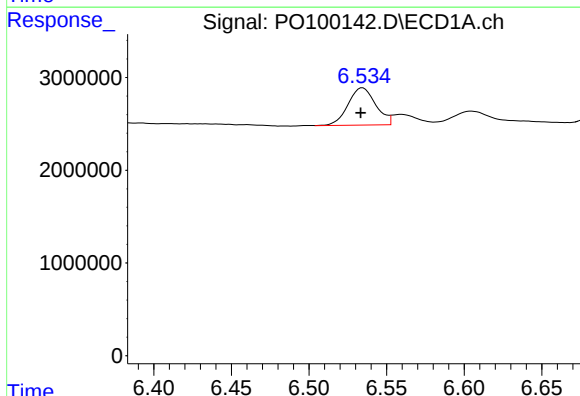
R.T.: 6.605 min
Delta R.T.: 0.006 min
Response: 2584296
Conc: 69.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



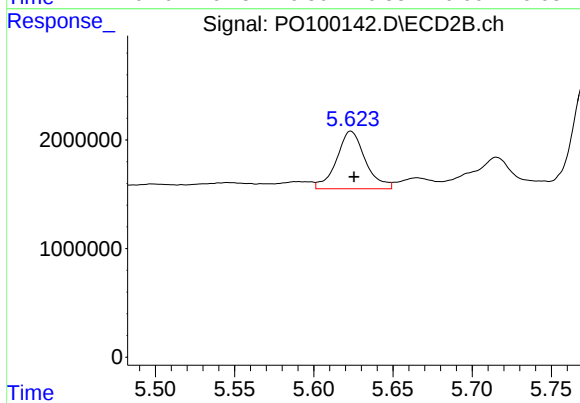
#25 AR-1248-5

R.T.: 5.665 min
Delta R.T.: 0.000 min
Response: 1521685
Conc: 50.94 ng/ml



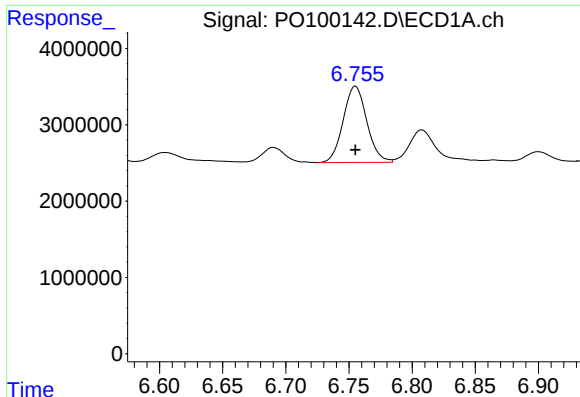
#26 AR-1254-1

R.T.: 6.535 min
Delta R.T.: 0.001 min
Response: 4990768
Conc: 103.64 ng/ml



#26 AR-1254-1

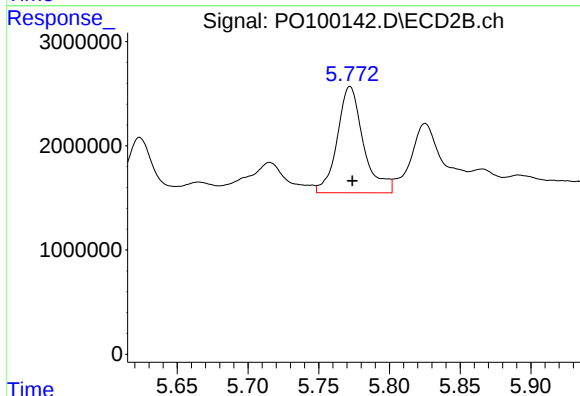
R.T.: 5.623 min
Delta R.T.: -0.002 min
Response: 6684931
Conc: 128.96 ng/ml



#27 AR-1254-2

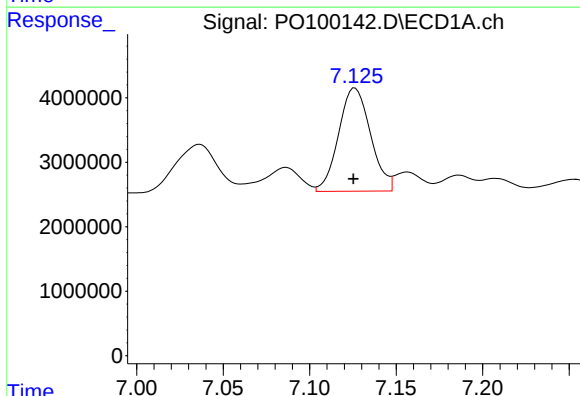
R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 12998377
Conc: 189.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



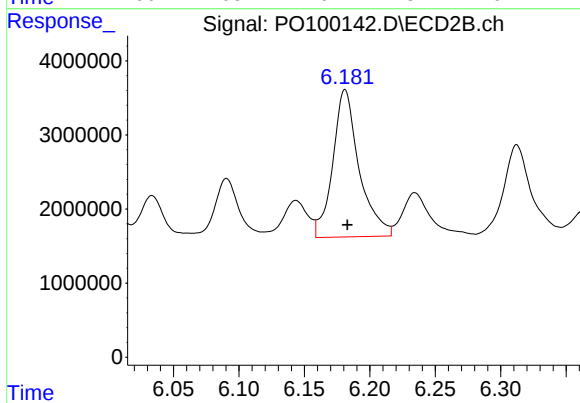
#27 AR-1254-2

R.T.: 5.772 min
Delta R.T.: -0.002 min
Response: 13153768
Conc: 282.47 ng/ml



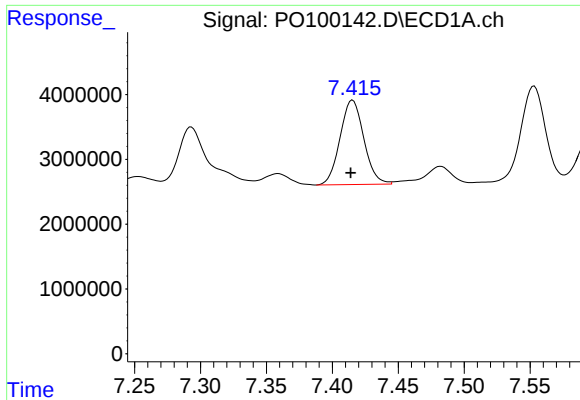
#28 AR-1254-3

R.T.: 7.126 min
Delta R.T.: 0.000 min
Response: 20538477
Conc: 322.39 ng/ml



#28 AR-1254-3

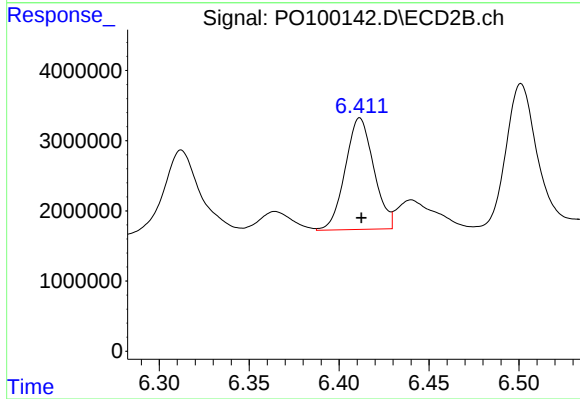
R.T.: 6.181 min
Delta R.T.: -0.002 min
Response: 27840227
Conc: 356.97 ng/ml



#29 AR-1254-4

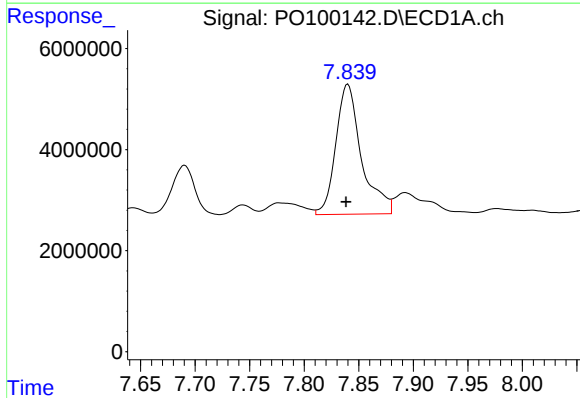
R.T.: 7.415 min
Delta R.T.: 0.002 min
Response: 16344275
Conc: 432.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



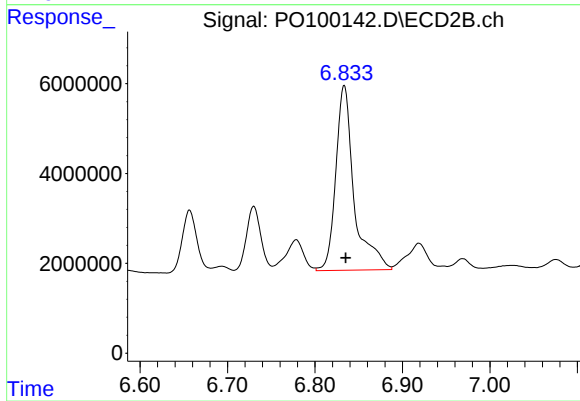
#29 AR-1254-4

R.T.: 6.412 min
Delta R.T.: 0.000 min
Response: 17536020
Conc: 410.90 ng/ml



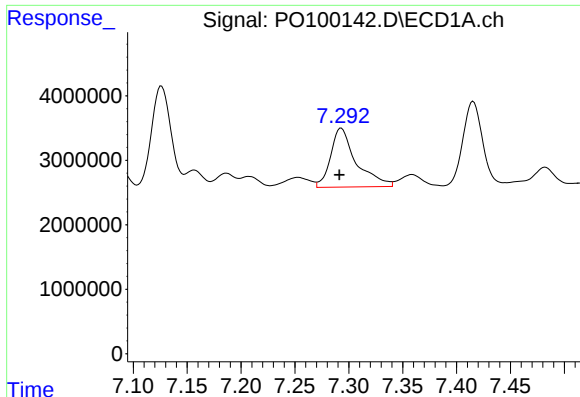
#30 AR-1254-5

R.T.: 7.840 min
Delta R.T.: 0.002 min
Response: 42092307
Conc: 983.41 ng/ml



#30 AR-1254-5

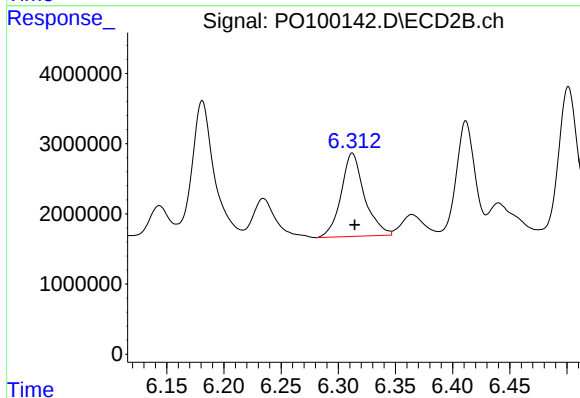
R.T.: 6.833 min
Delta R.T.: -0.002 min
Response: 60023399
Conc: 829.48 ng/ml



#31 AR-1260-1

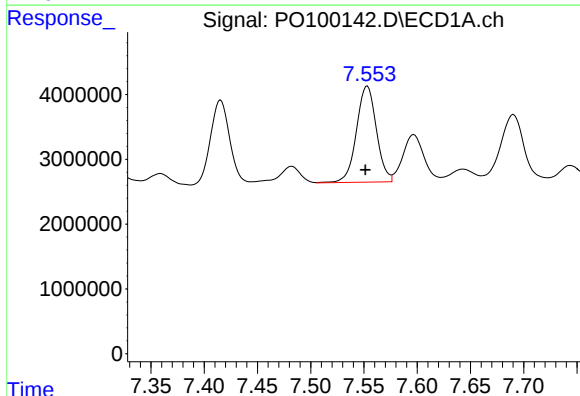
R.T.: 7.293 min
Delta R.T.: 0.002 min
Response: 15097260
Conc: 283.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



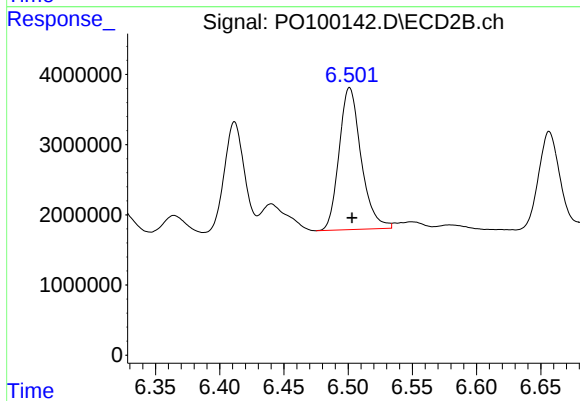
#31 AR-1260-1

R.T.: 6.312 min
Delta R.T.: -0.002 min
Response: 16896064
Conc: 292.40 ng/ml



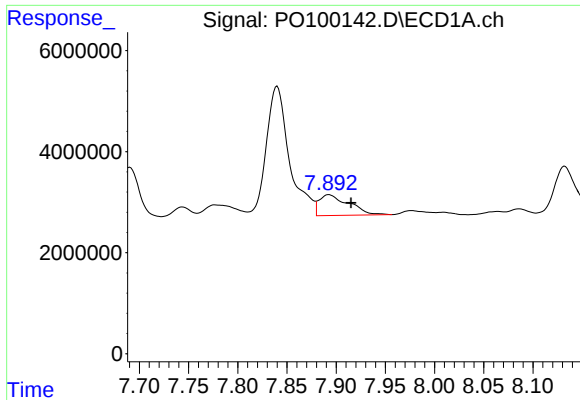
#32 AR-1260-2

R.T.: 7.553 min
Delta R.T.: 0.002 min
Response: 19338607
Conc: 365.59 ng/ml



#32 AR-1260-2

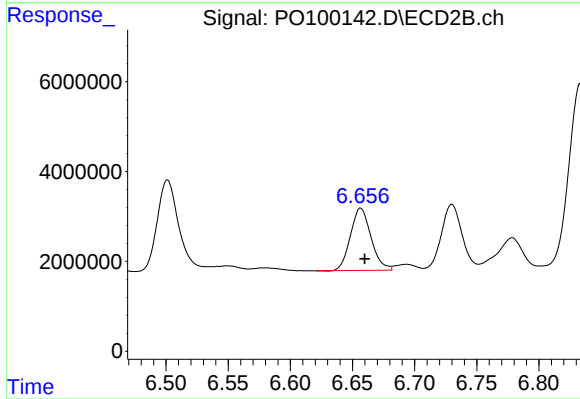
R.T.: 6.501 min
Delta R.T.: -0.002 min
Response: 24122637
Conc: 363.20 ng/ml



#33 AR-1260-3

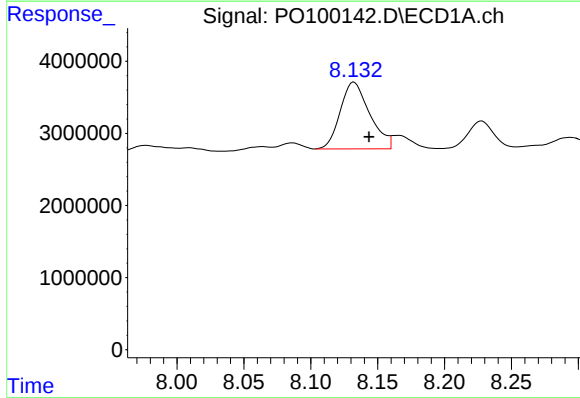
R.T.: 7.893 min
Delta R.T.: -0.022 min
Response: 8680614
Conc: 243.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



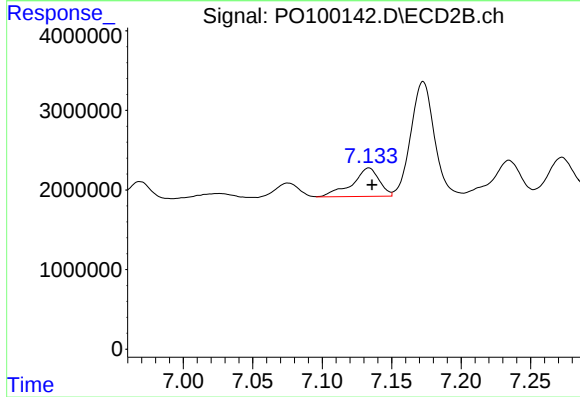
#33 AR-1260-3

R.T.: 6.657 min
Delta R.T.: -0.003 min
Response: 15990437
Conc: 249.90 ng/ml



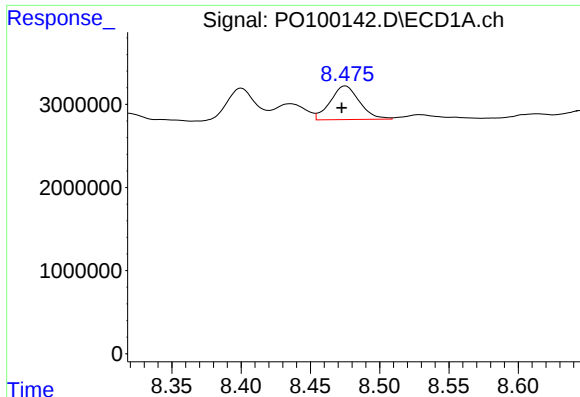
#34 AR-1260-4

R.T.: 8.132 min
Delta R.T.: -0.011 min
Response: 14227546
Conc: 343.76 ng/ml



#34 AR-1260-4

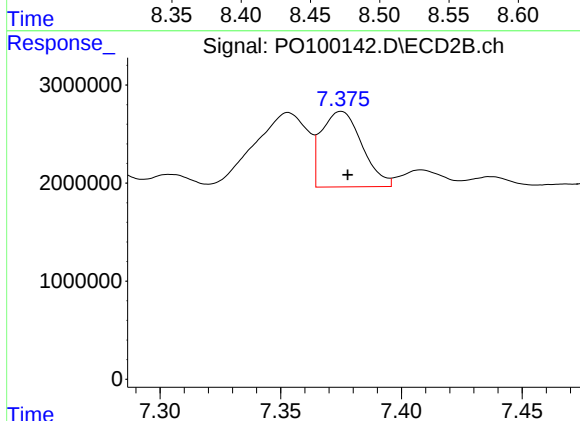
R.T.: 7.134 min
Delta R.T.: -0.002 min
Response: 4874714
Conc: 96.67 ng/ml



#35 AR-1260-5

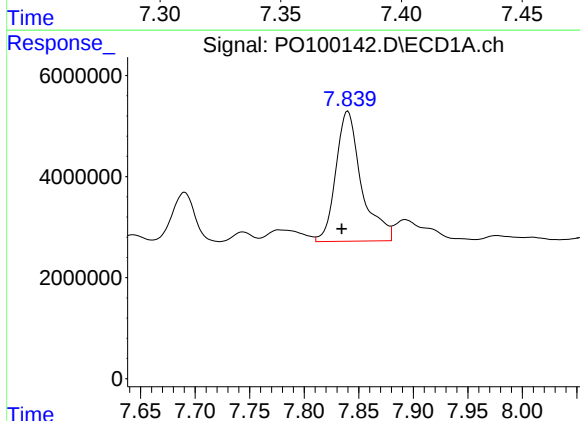
R.T.: 8.475 min
Delta R.T.: 0.003 min
Response: 5957696
Conc: 89.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



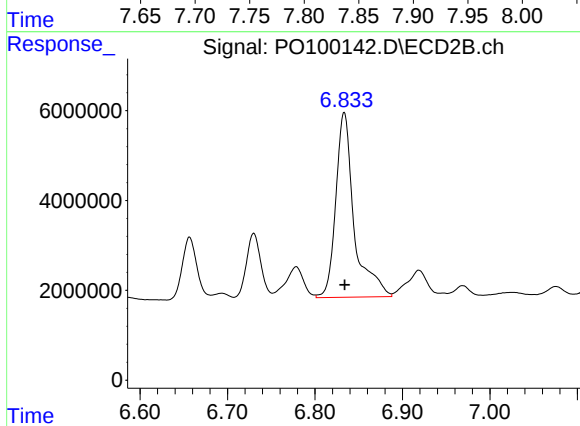
#35 AR-1260-5

R.T.: 7.375 min
Delta R.T.: -0.003 min
Response: 9021758
Conc: 80.48 ng/ml



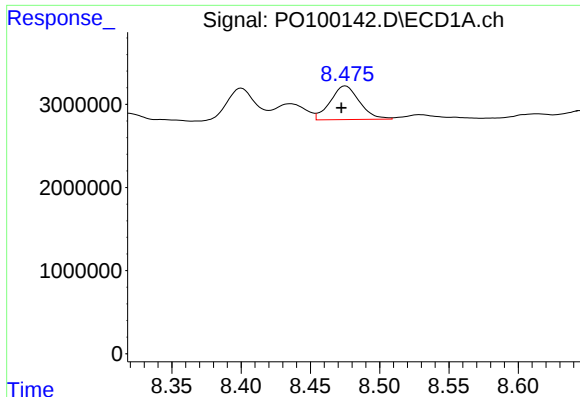
#36 AR-1262-1

R.T.: 7.840 min
Delta R.T.: 0.006 min
Response: 42092307
Conc: 1163.68 ng/ml



#36 AR-1262-1

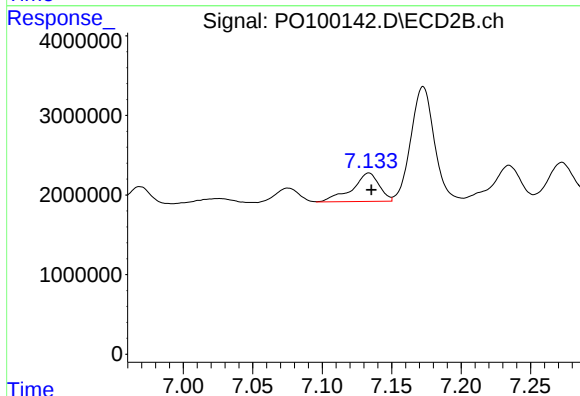
R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 60023399
Conc: 1570.42 ng/ml



#37 AR-1262-2

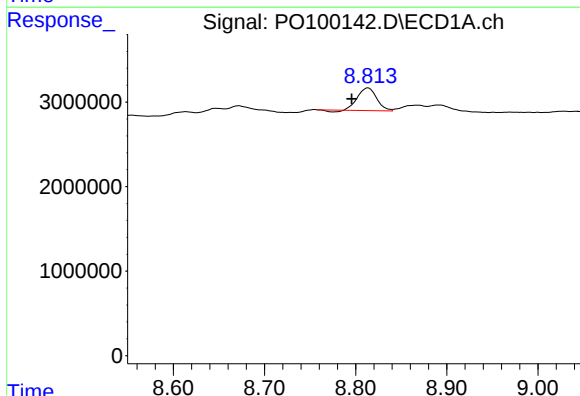
R.T.: 8.475 min
Delta R.T.: 0.003 min
Response: 5957696
Conc: 70.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



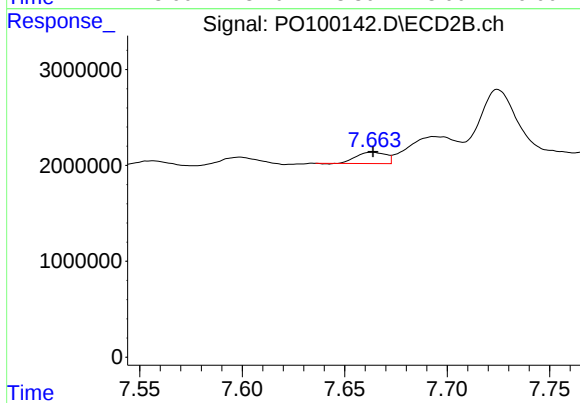
#37 AR-1262-2

R.T.: 7.134 min
Delta R.T.: -0.002 min
Response: 4874714
Conc: 64.63 ng/ml



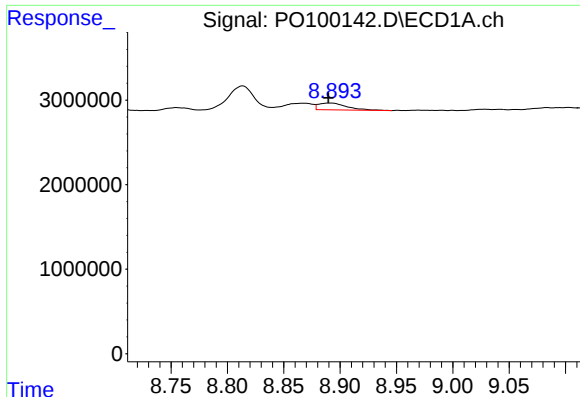
#38 AR-1262-3

R.T.: 8.814 min
Delta R.T.: 0.018 min
Response: 3825647
Conc: 63.51 ng/ml



#38 AR-1262-3

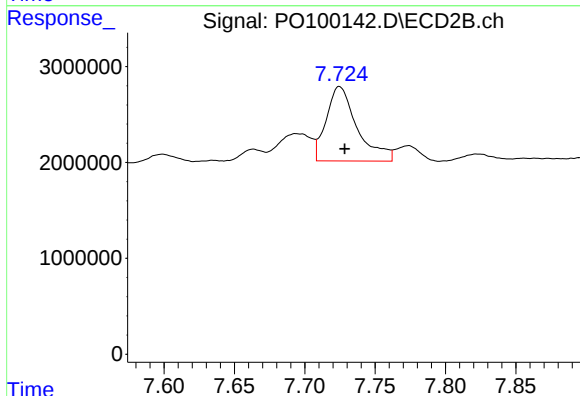
R.T.: 7.663 min
Delta R.T.: 0.000 min
Response: 1184382
Conc: 20.33 ng/ml



#39 AR-1262-4

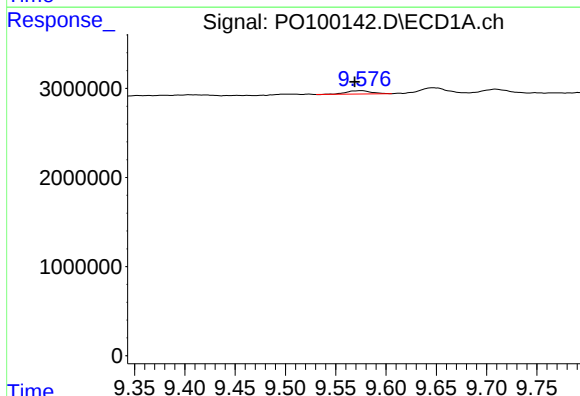
R.T.: 8.892 min
Delta R.T.: 0.003 min
Response: 1394917
Conc: 28.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



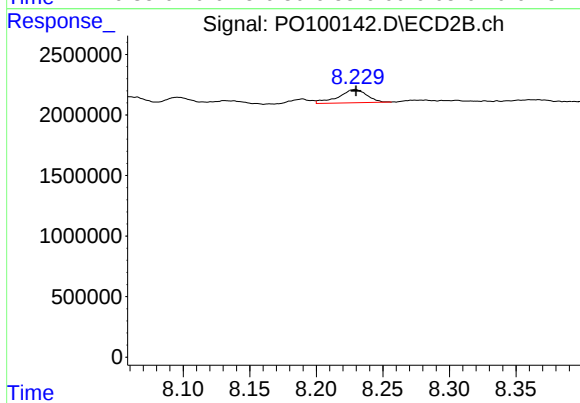
#39 AR-1262-4

R.T.: 7.725 min
Delta R.T.: -0.004 min
Response: 11878120
Conc: 115.57 ng/ml



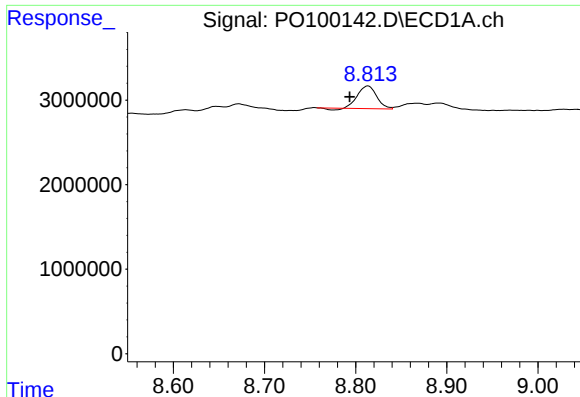
#40 AR-1262-5

R.T.: 9.576 min
Delta R.T.: 0.007 min
Response: 652779
Conc: 25.00 ng/ml



#40 AR-1262-5

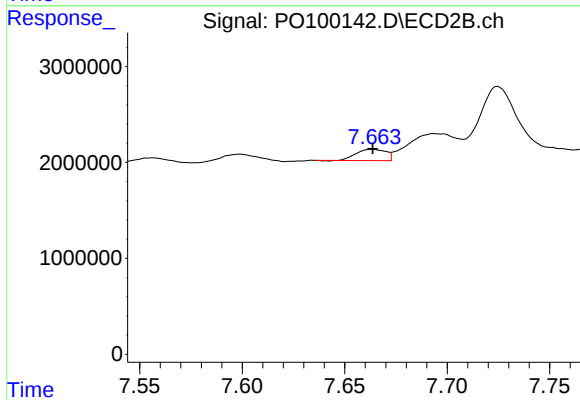
R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 1611933
Conc: 36.99 ng/ml



#41 AR-1268-1

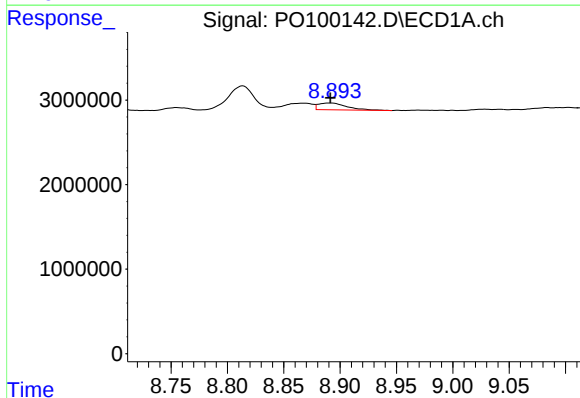
R.T.: 8.814 min
Delta R.T.: 0.020 min
Response: 3825647
Conc: 34.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



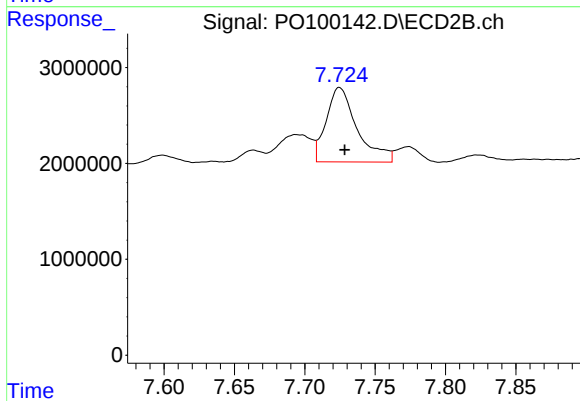
#41 AR-1268-1

R.T.: 7.663 min
Delta R.T.: 0.000 min
Response: 1184382
Conc: 7.13 ng/ml



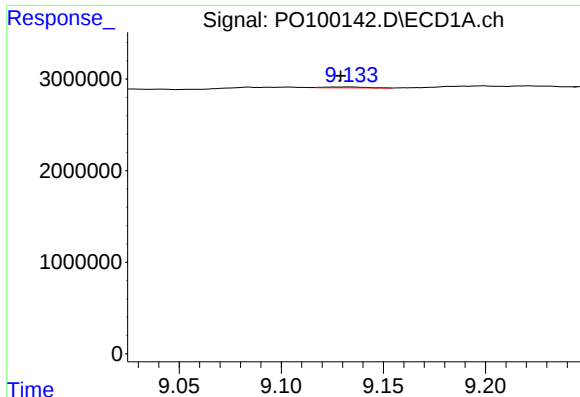
#42 AR-1268-2

R.T.: 8.892 min
Delta R.T.: 0.000 min
Response: 1394917
Conc: 14.49 ng/ml



#42 AR-1268-2

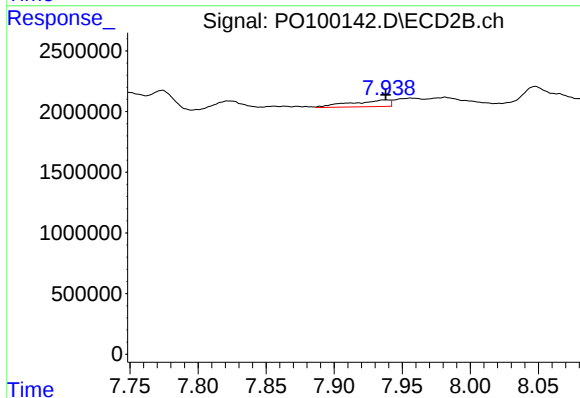
R.T.: 7.725 min
Delta R.T.: -0.004 min
Response: 11878120
Conc: 77.82 ng/ml



#43 AR-1268-3

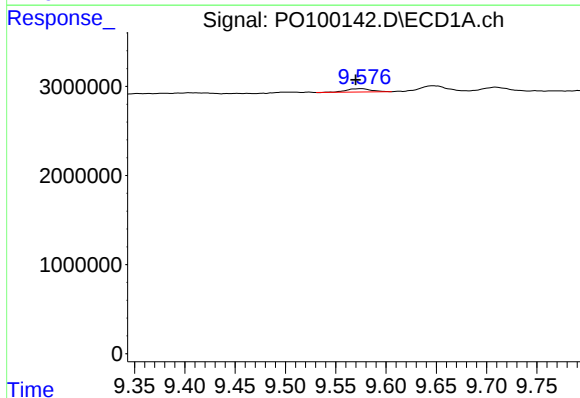
R.T.: 9.134 min
Delta R.T.: 0.005 min
Response: 130691
Conc: 1.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



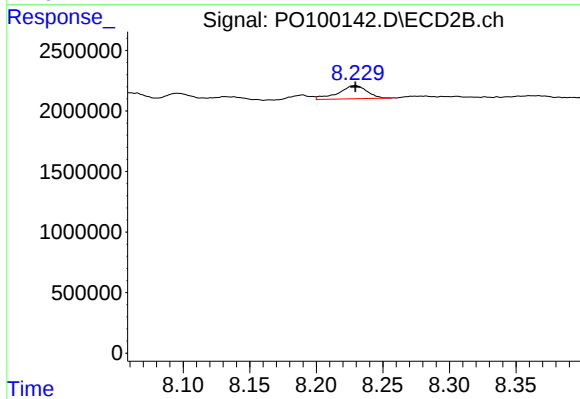
#43 AR-1268-3

R.T.: 7.938 min
Delta R.T.: 0.000 min
Response: 1067817
Conc: 7.45 ng/ml



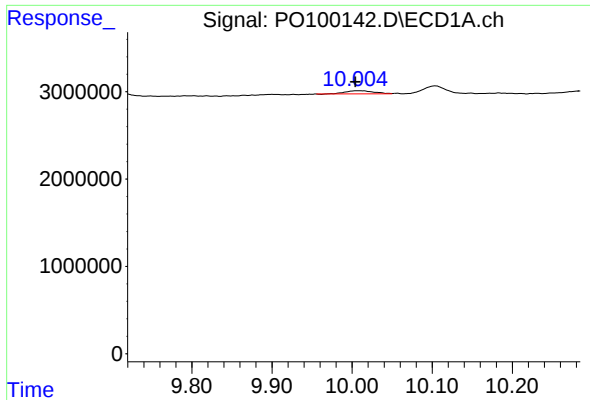
#44 AR-1268-4

R.T.: 9.576 min
Delta R.T.: 0.006 min
Response: 652779
Conc: 22.96 ng/ml



#44 AR-1268-4

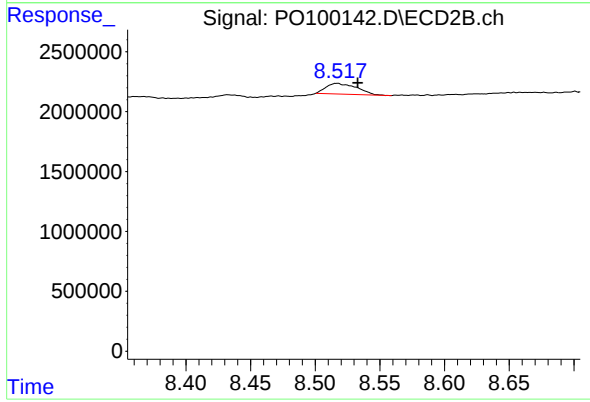
R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 1611933
Conc: 34.31 ng/ml



#45 AR-1268-5

R.T.: 10.005 min
Delta R.T.: 0.001 min
Response: 891215
Conc: 3.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.517 min
Delta R.T.: -0.016 min
Response: 1476468
Conc: 3.71 ng/ml