

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0012825\
 Data File : P0109145.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jan 2025 11:46
 Operator : YP/AJ
 Sample : Q1168-07
 Misc : AR1248 LOD 25 PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 28 22:12:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0012125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 22 03:46:11 2025
 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...	3.700	3.697	137.8E6	91981570	18.238	17.160
2)	SA Decachlor...	8.764	8.717	129.6E6	62272066	18.707	18.109
Target Compounds							
3)	L1 AR-1016-1	4.795	4.801	4390019	2762625	17.401	17.062
4)	L1 AR-1016-2	4.814	4.835	4173250	850722	12.100	3.571 #
5)	L1 AR-1016-3	4.870	4.978	2332536	2094025	9.555	16.061 #
6)	L1 AR-1016-4	4.993	5.019	2982417	4740490	15.629	42.893 #
7)	L1 AR-1016-5	5.249	5.233	10617227	6878702	50.858	47.921
8)	L2 AR-1221-1	3.902	3.900	675356	164682	6.747	2.515 #
9)	L2 AR-1221-2	4.003	3.998	3358980	2134364	45.143	43.217
10)	L2 AR-1221-3	4.076	4.072	497057	284075	2.390	1.957
11)	L3 AR-1232-1	4.076	4.072	497057	284075	3.010	2.459
12)	L3 AR-1232-2	4.571	4.801	1820728	2762625	20.012	25.365 #
13)	L3 AR-1232-3	4.814	4.978	4173250	2094025	26.058	34.920 #
14)	L3 AR-1232-4	4.993	5.062	2982417	5279351	33.891	92.197 #
15)	L3 AR-1232-5	5.034	5.233	6385734	6878702	98.518	113.375
16)	L4 AR-1242-1	4.795	4.782	4390019	2910249	20.665	20.364
17)	L4 AR-1242-2	4.814	4.801	4173250	2762625	14.555	14.008
18)	L4 AR-1242-3	4.870	4.978	2332536	2094025	11.394	19.204 #
19)	L4 AR-1242-4	4.993	5.062	2982417	5279351	18.773	46.455 #
20)	L4 AR-1242-5	5.646	5.584	9959476	8786724	59.627	64.237
21)	L5 AR-1248-1	4.795	4.782	4390019	2910249	27.511	27.118
22)	L5 AR-1248-2	5.034	5.019	6385734	4740490	28.573	30.787
23)	L5 AR-1248-3	5.249	5.062	10617227	5279351	38.769	31.924
24)	L5 AR-1248-4	5.604	5.233	12619514	6878702	32.817	35.919
25)	L5 AR-1248-5	5.646	5.626	9959476	7096281	37.488	38.733
26)	L6 AR-1254-1	5.604	5.584	12619514	8786724	30.516	31.260
27)	L6 AR-1254-2	5.754	5.733	4767520	4767237	13.176	19.049 #
28)	L6 AR-1254-3	6.161	6.136	5001793	4868763	8.867	12.394 #
29)	L6 AR-1254-4	6.390	6.364	3723486	2574684	10.805	11.684
30)	L6 AR-1254-5	6.809	6.781	1086134	589954	2.117	1.806
31)	L7 AR-1260-1	6.278	6.281	713380	2716277	1.872	10.777 #
32)	L7 AR-1260-2	6.484	6.454	903140	498939	1.923	1.659
33)	L7 AR-1260-3	6.841	6.640	847724	140862	2.165	0.506 #
34)	L7 AR-1260-4	7.146f	7.095	1205313	162888	3.367	0.722 #
35)	L7 AR-1260-5	7.354	7.337	998249	123426	1.196	0.247 #
36)	L8 AR-1262-1	6.841	6.811	847724	451276	1.587	1.326
37)	L8 AR-1262-2	7.354	7.325	998249	255564	1.086	0.461 #
38)	L8 AR-1262-3	7.623	7.618	392976	618340	1.078	2.884 #
39)	L8 AR-1262-4	7.693	7.626f	638724	1145477	0.929	2.923 #
40)	L8 AR-1262-5	8.192	8.176	248838	59930	0.824	0.376 #
41)	L9 AR-1268-1	7.623	7.618	392976	618340	0.369	0.982 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0012825\
 Data File : P0109145.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jan 2025 11:46
 Operator : YP/AJ
 Sample : Q1168-07
 Misc : AR1248 LOD 25 PPB
 ALS Vial : 12 Sample Multiplier: 1

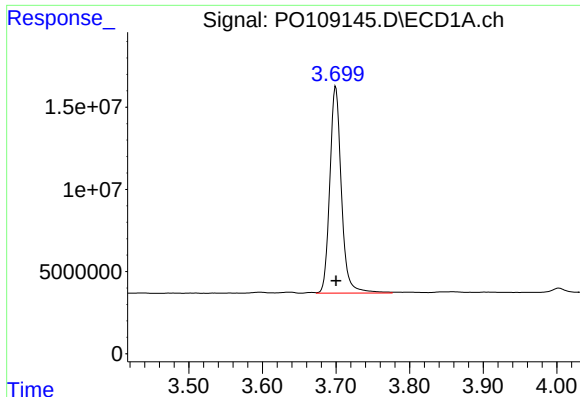
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 28 22:12:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0012125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 22 03:46:11 2025
 Response via : Initial Calibration
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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	7.693	7.626f	638724	1145477	0.659	2.006 #
43) L9	AR-1268-3	7.911	7.878	411834	368288	0.511	0.800 #
44) L9	AR-1268-4	8.192	8.176	248838	59930	0.726	0.332 #
45) L9	AR-1268-5	8.500	8.454	1092740	512091	0.457	0.428

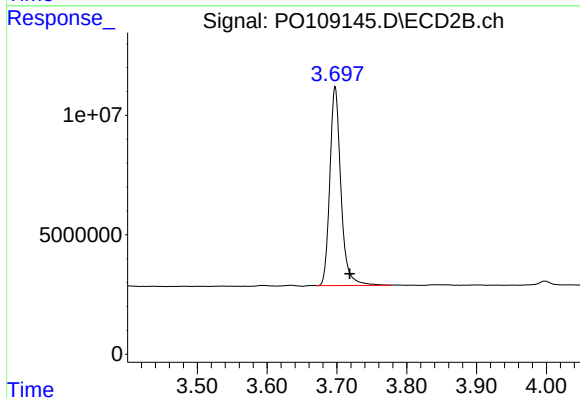
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

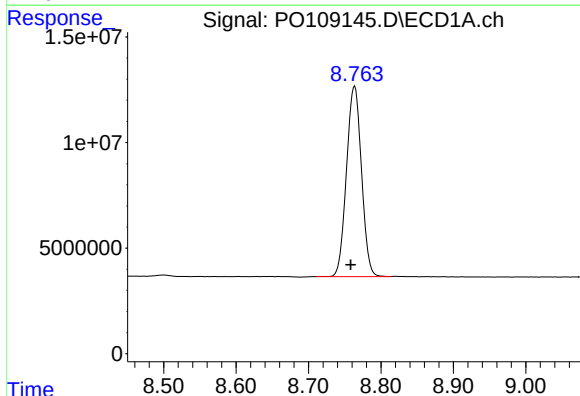
R.T.: 3.700 min
Delta R.T.: 0.000 min
Response: 137812376
Conc: 18.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



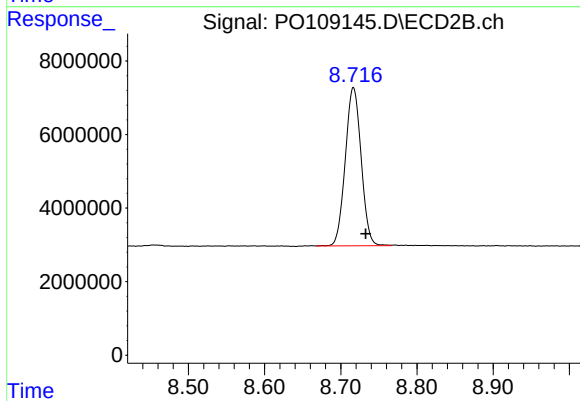
#1 Tetrachloro-m-xylene

R.T.: 3.697 min
Delta R.T.: -0.021 min
Response: 91981570
Conc: 17.16 ng/ml



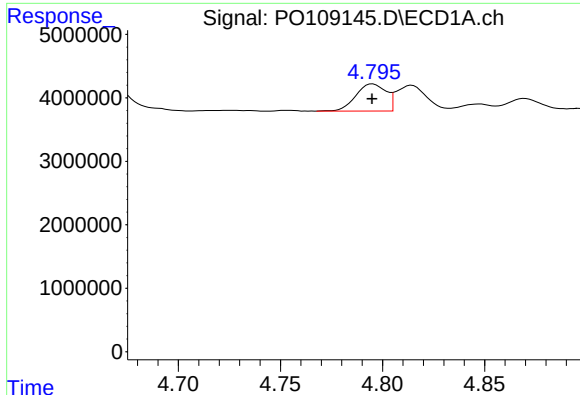
#2 Decachlorobiphenyl

R.T.: 8.764 min
Delta R.T.: 0.006 min
Response: 129598486
Conc: 18.71 ng/ml



#2 Decachlorobiphenyl

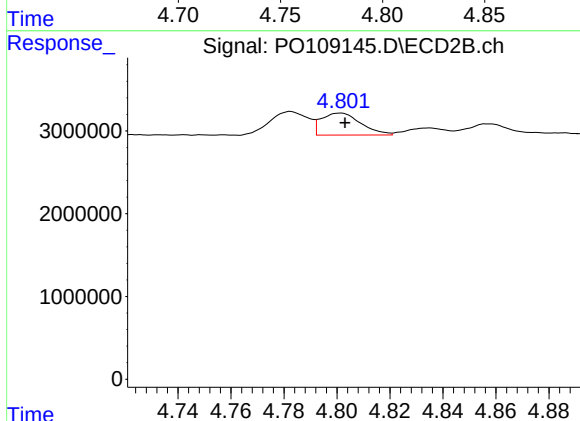
R.T.: 8.717 min
Delta R.T.: -0.016 min
Response: 62272066
Conc: 18.11 ng/ml



#3 AR-1016-1

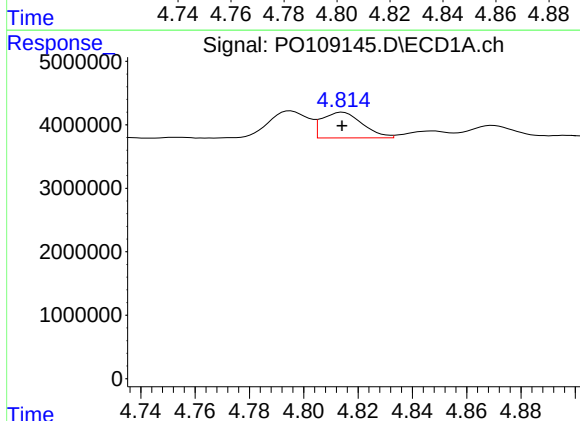
R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 4390019
Conc: 17.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



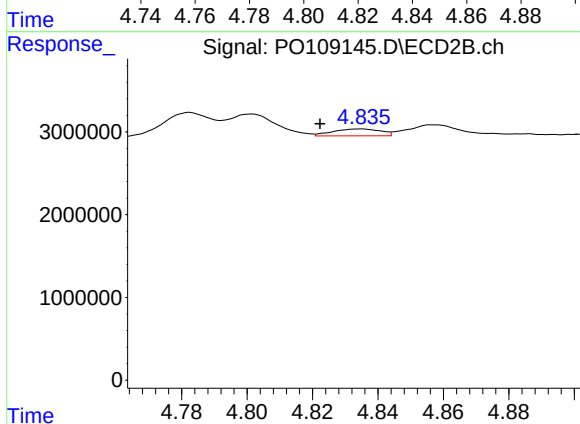
#3 AR-1016-1

R.T.: 4.801 min
Delta R.T.: -0.002 min
Response: 2762625
Conc: 17.06 ng/ml



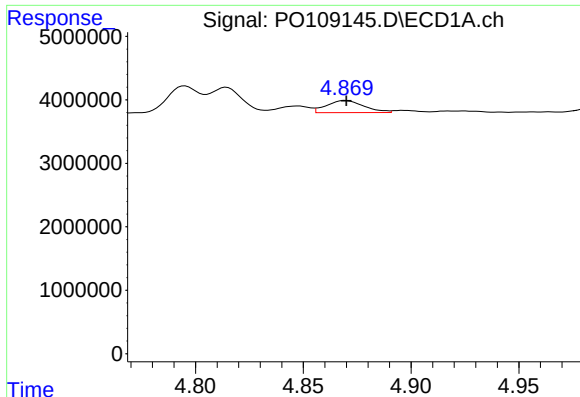
#4 AR-1016-2

R.T.: 4.814 min
Delta R.T.: 0.000 min
Response: 4173250
Conc: 12.10 ng/ml



#4 AR-1016-2

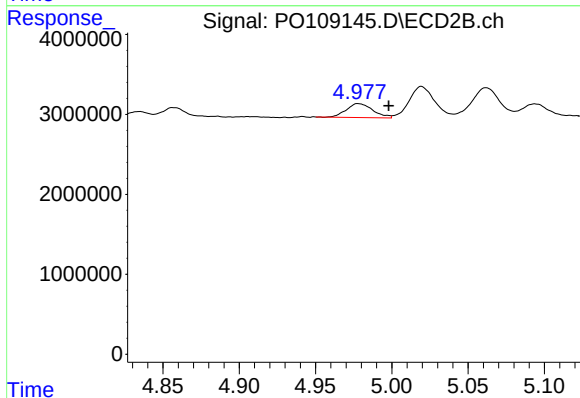
R.T.: 4.835 min
Delta R.T.: 0.012 min
Response: 850722
Conc: 3.57 ng/ml



#5 AR-1016-3

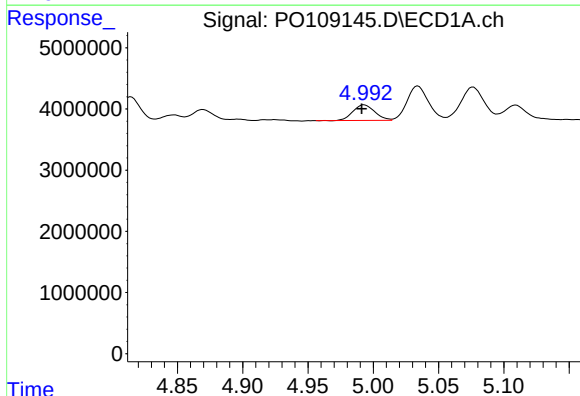
R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 2332536
Conc: 9.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



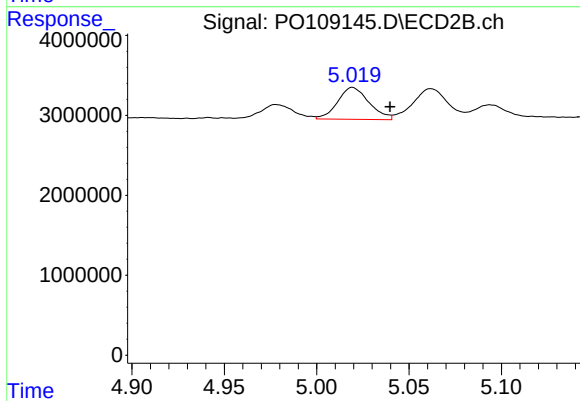
#5 AR-1016-3

R.T.: 4.978 min
Delta R.T.: -0.020 min
Response: 2094025
Conc: 16.06 ng/ml



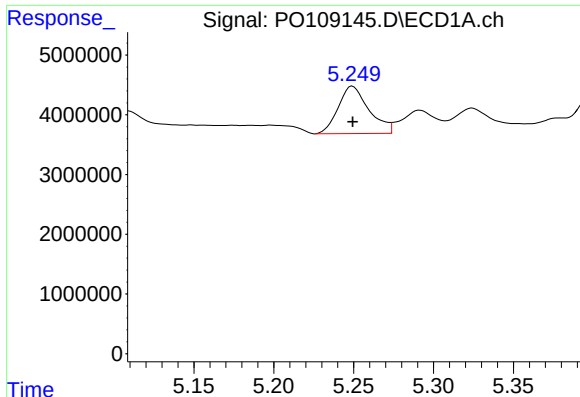
#6 AR-1016-4

R.T.: 4.993 min
Delta R.T.: 0.002 min
Response: 2982417
Conc: 15.63 ng/ml



#6 AR-1016-4

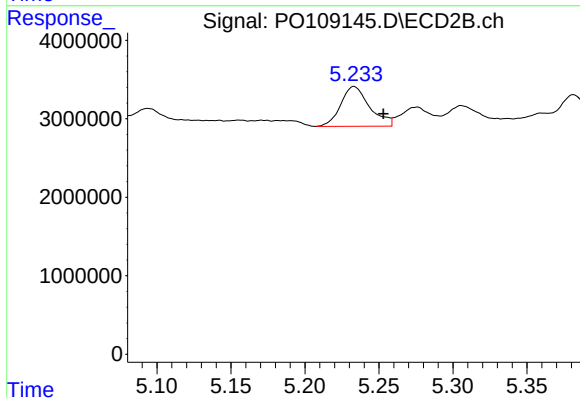
R.T.: 5.019 min
Delta R.T.: -0.020 min
Response: 4740490
Conc: 42.89 ng/ml



#7 AR-1016-5

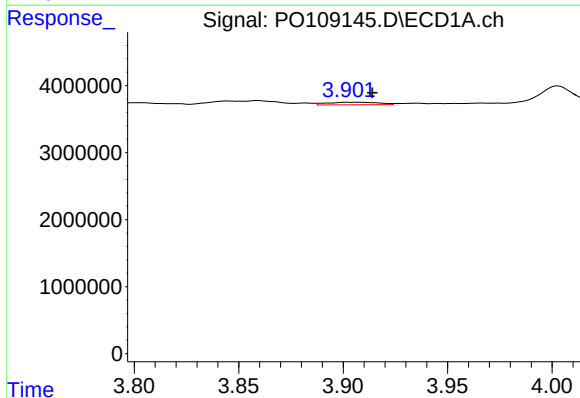
R.T.: 5.249 min
Delta R.T.: 0.000 min
Response: 10617227
Conc: 50.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



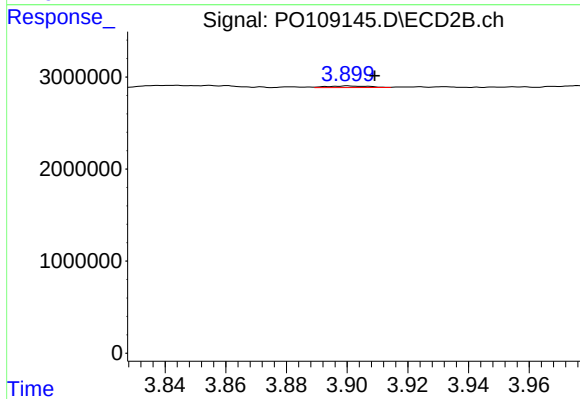
#7 AR-1016-5

R.T.: 5.233 min
Delta R.T.: -0.020 min
Response: 6878702
Conc: 47.92 ng/ml



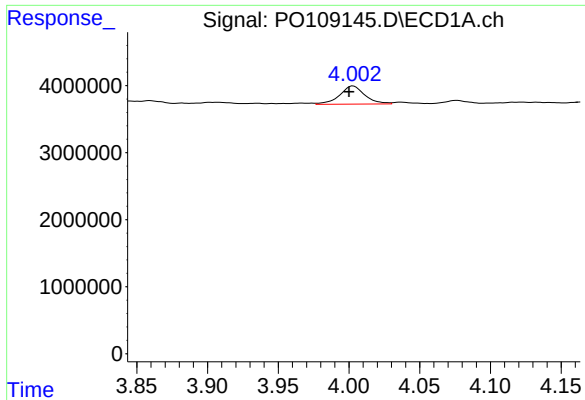
#8 AR-1221-1

R.T.: 3.902 min
Delta R.T.: -0.012 min
Response: 675356
Conc: 6.75 ng/ml



#8 AR-1221-1

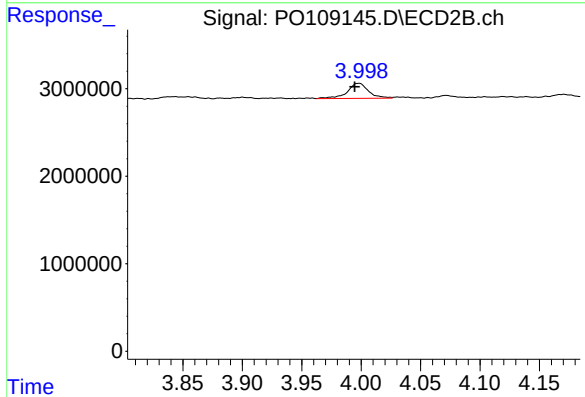
R.T.: 3.900 min
Delta R.T.: -0.009 min
Response: 164682
Conc: 2.51 ng/ml



#9 AR-1221-2

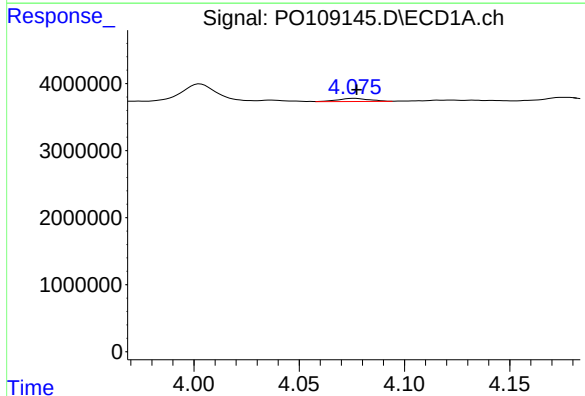
R.T.: 4.003 min
Delta R.T.: 0.003 min
Response: 3358980
Conc: 45.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



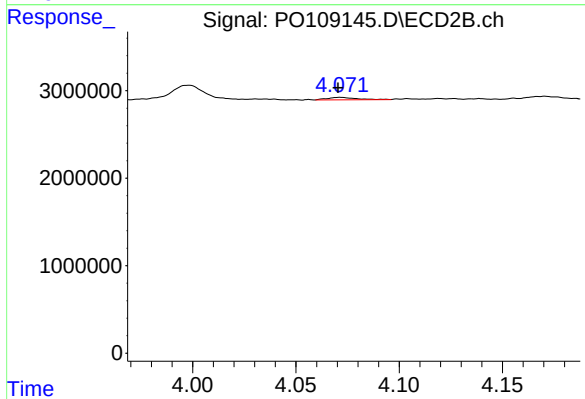
#9 AR-1221-2

R.T.: 3.998 min
Delta R.T.: 0.003 min
Response: 2134364
Conc: 43.22 ng/ml



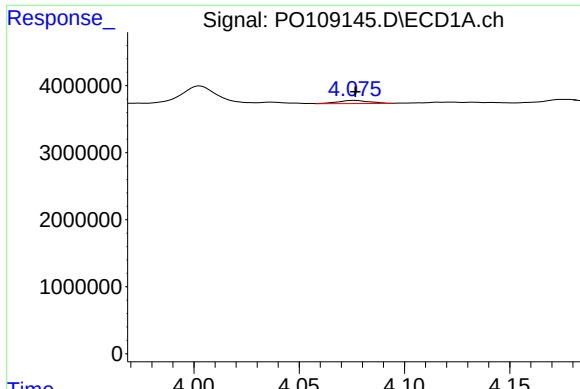
#10 AR-1221-3

R.T.: 4.076 min
Delta R.T.: -0.001 min
Response: 497057
Conc: 2.39 ng/ml



#10 AR-1221-3

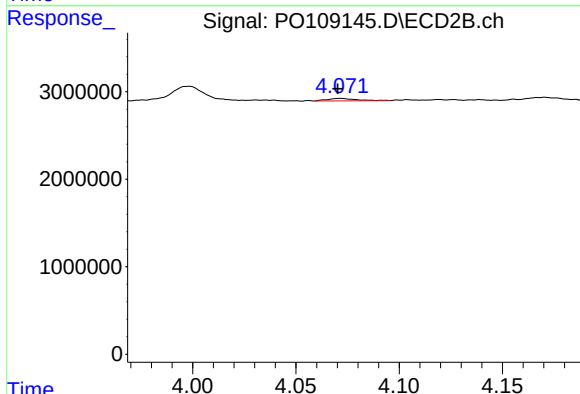
R.T.: 4.072 min
Delta R.T.: 0.001 min
Response: 284075
Conc: 1.96 ng/ml



#11 AR-1232-1

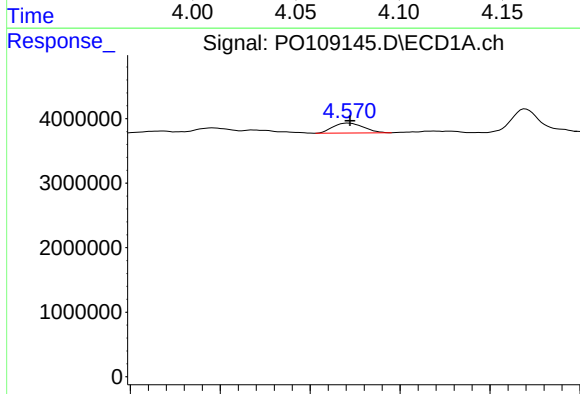
R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 497057
Conc: 3.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



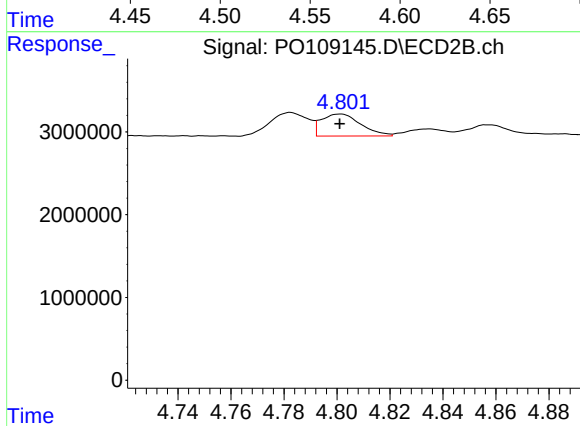
#11 AR-1232-1

R.T.: 4.072 min
Delta R.T.: 0.001 min
Response: 284075
Conc: 2.46 ng/ml



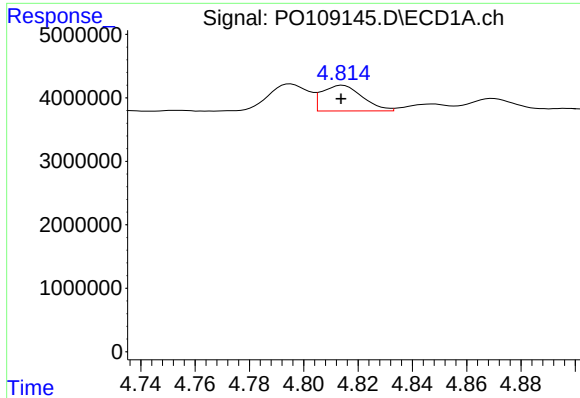
#12 AR-1232-2

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 1820728
Conc: 20.01 ng/ml



#12 AR-1232-2

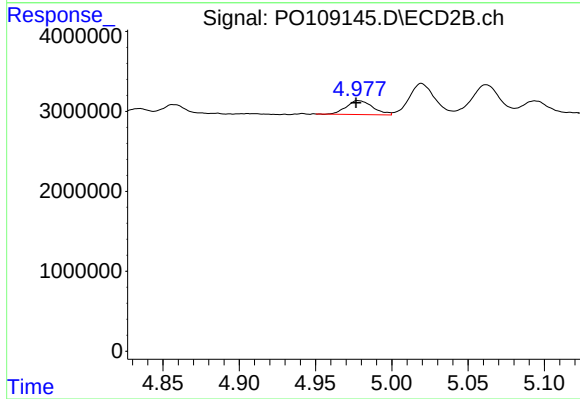
R.T.: 4.801 min
Delta R.T.: 0.000 min
Response: 2762625
Conc: 25.37 ng/ml



#13 AR-1232-3

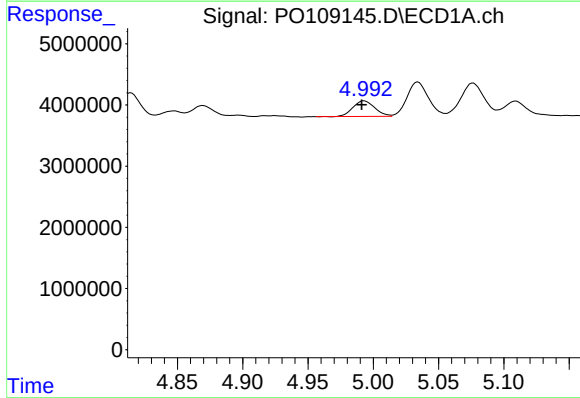
R.T.: 4.814 min
Delta R.T.: 0.000 min
Response: 4173250
Conc: 26.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



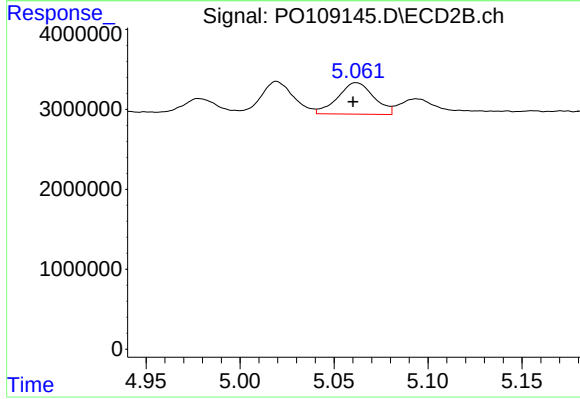
#13 AR-1232-3

R.T.: 4.978 min
Delta R.T.: 0.002 min
Response: 2094025
Conc: 34.92 ng/ml



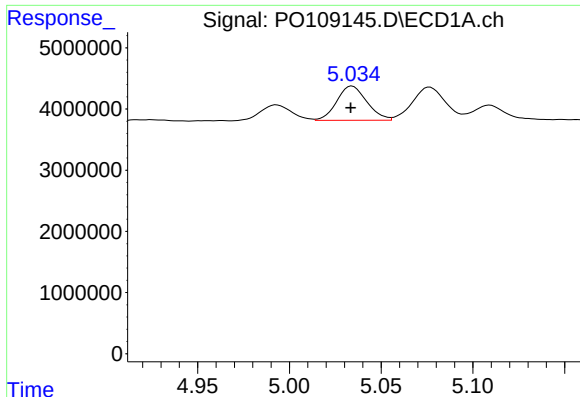
#14 AR-1232-4

R.T.: 4.993 min
Delta R.T.: 0.002 min
Response: 2982417
Conc: 33.89 ng/ml



#14 AR-1232-4

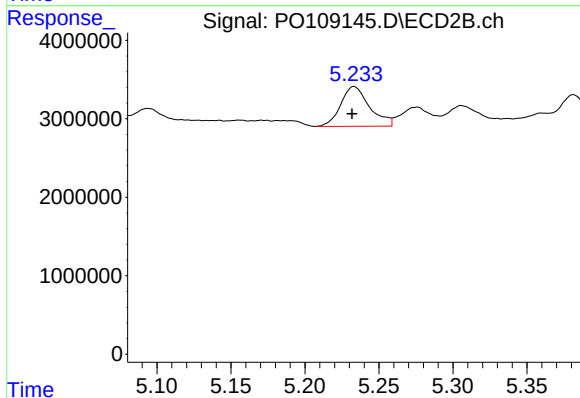
R.T.: 5.062 min
Delta R.T.: 0.002 min
Response: 5279351
Conc: 92.20 ng/ml



#15 AR-1232-5

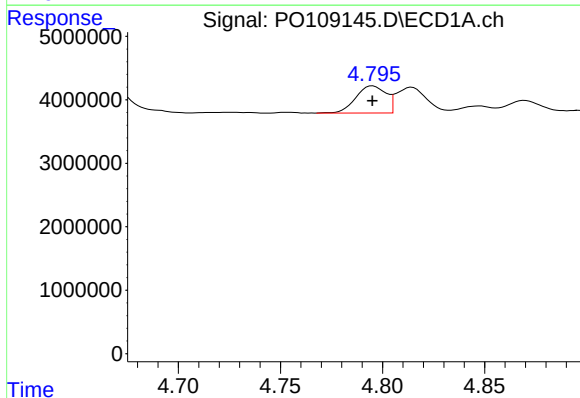
R.T.: 5.034 min
Delta R.T.: 0.000 min
Response: 6385734
Conc: 98.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



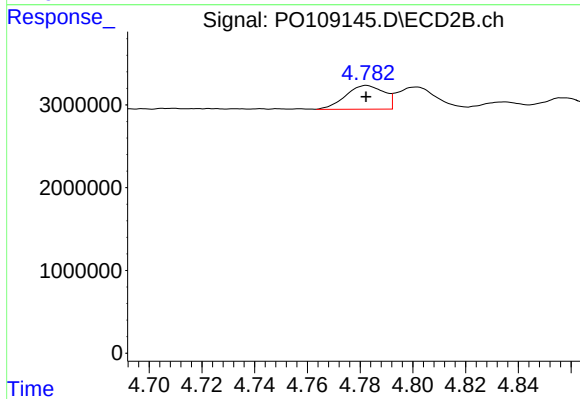
#15 AR-1232-5

R.T.: 5.233 min
Delta R.T.: 0.001 min
Response: 6878702
Conc: 113.38 ng/ml



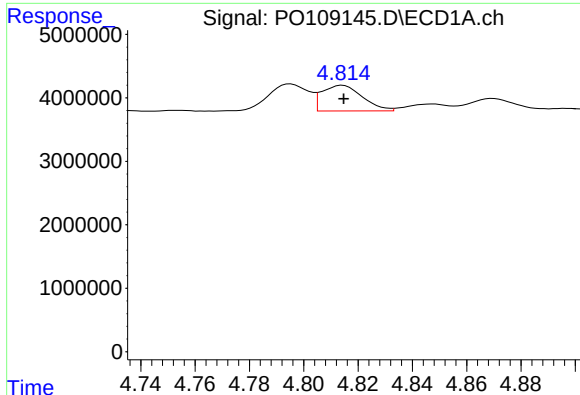
#16 AR-1242-1

R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 4390019
Conc: 20.66 ng/ml



#16 AR-1242-1

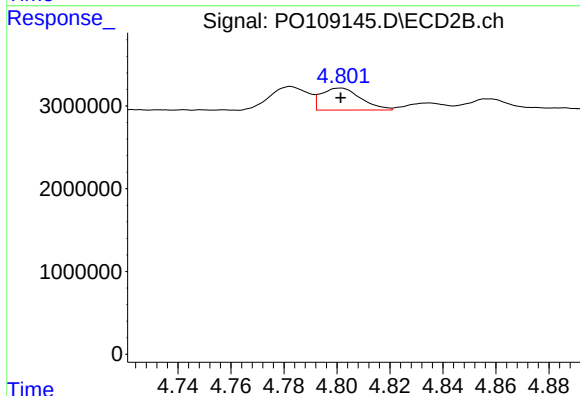
R.T.: 4.782 min
Delta R.T.: 0.000 min
Response: 2910249
Conc: 20.36 ng/ml



#17 AR-1242-2

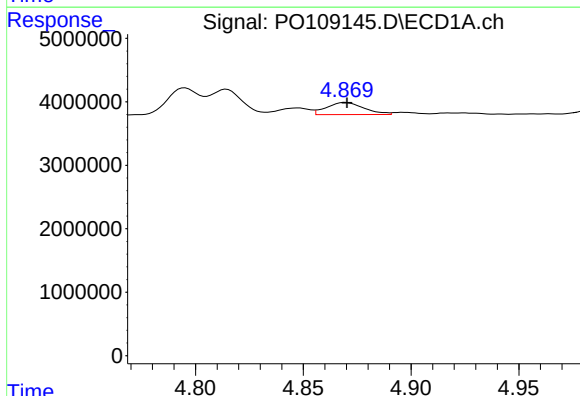
R.T.: 4.814 min
Delta R.T.: 0.000 min
Response: 4173250
Conc: 14.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



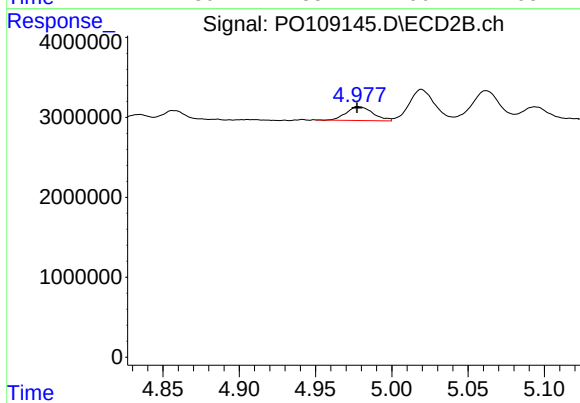
#17 AR-1242-2

R.T.: 4.801 min
Delta R.T.: 0.000 min
Response: 2762625
Conc: 14.01 ng/ml



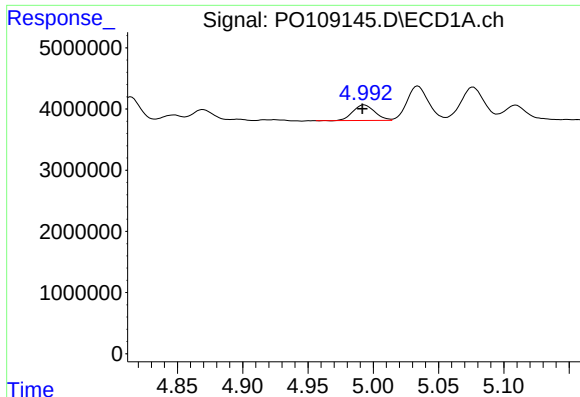
#18 AR-1242-3

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 2332536
Conc: 11.39 ng/ml



#18 AR-1242-3

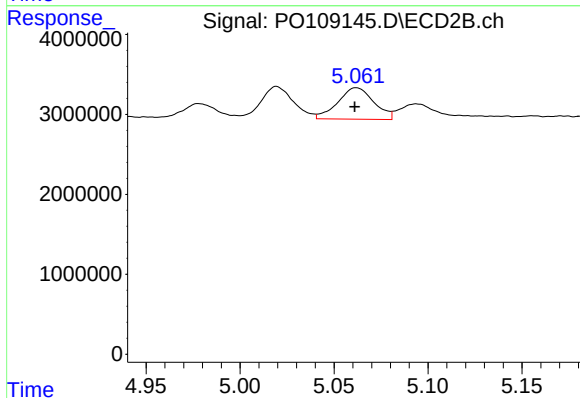
R.T.: 4.978 min
Delta R.T.: 0.000 min
Response: 2094025
Conc: 19.20 ng/ml



#19 AR-1242-4

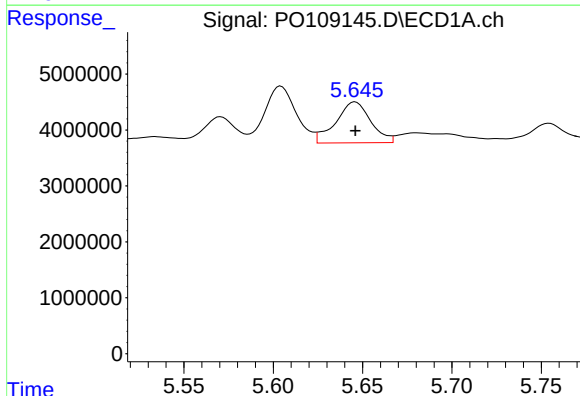
R.T.: 4.993 min
Delta R.T.: 0.001 min
Response: 2982417
Conc: 18.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



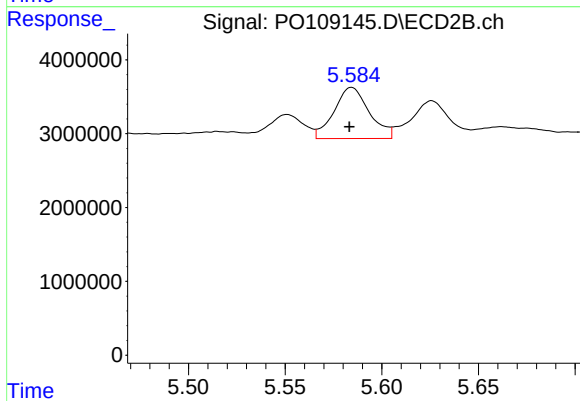
#19 AR-1242-4

R.T.: 5.062 min
Delta R.T.: 0.000 min
Response: 5279351
Conc: 46.46 ng/ml



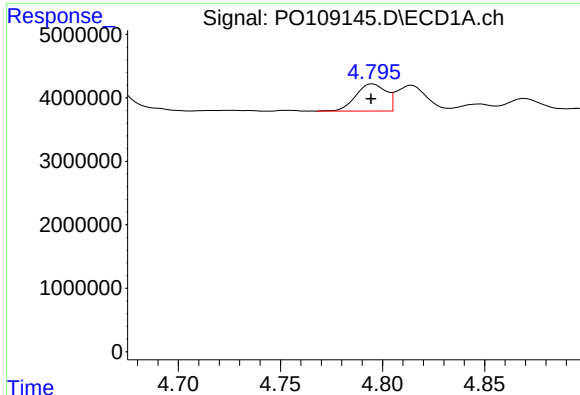
#20 AR-1242-5

R.T.: 5.646 min
Delta R.T.: 0.000 min
Response: 9959476
Conc: 59.63 ng/ml



#20 AR-1242-5

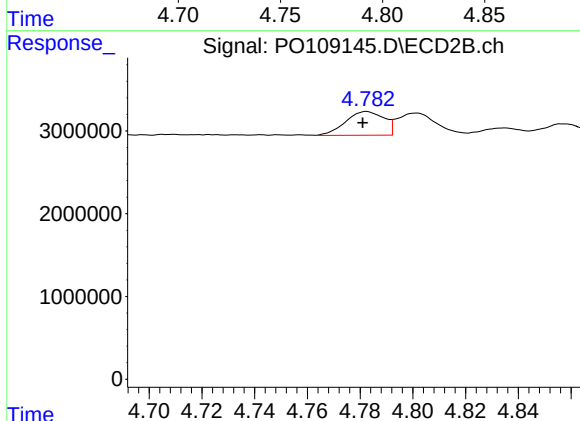
R.T.: 5.584 min
Delta R.T.: 0.001 min
Response: 8786724
Conc: 64.24 ng/ml



#21 AR-1248-1

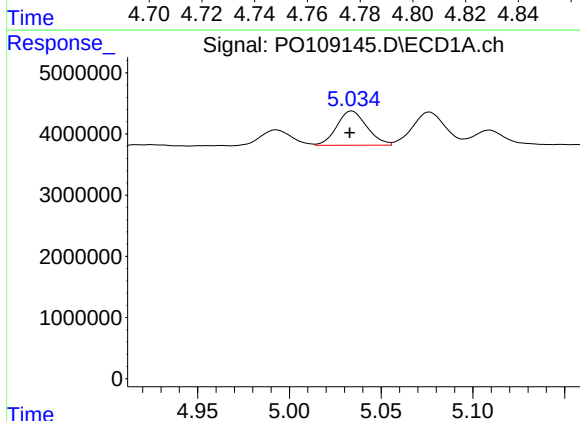
R.T.: 4.795 min
Delta R.T.: 0.000 min
Response: 4390019
Conc: 27.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



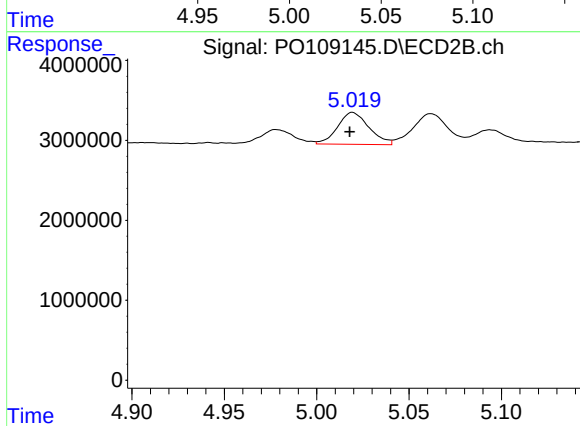
#21 AR-1248-1

R.T.: 4.782 min
Delta R.T.: 0.002 min
Response: 2910249
Conc: 27.12 ng/ml



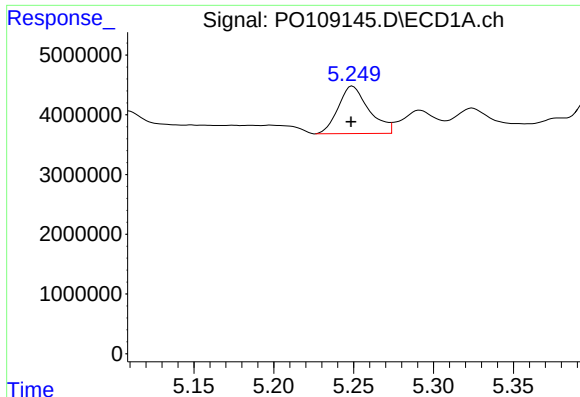
#22 AR-1248-2

R.T.: 5.034 min
Delta R.T.: 0.001 min
Response: 6385734
Conc: 28.57 ng/ml



#22 AR-1248-2

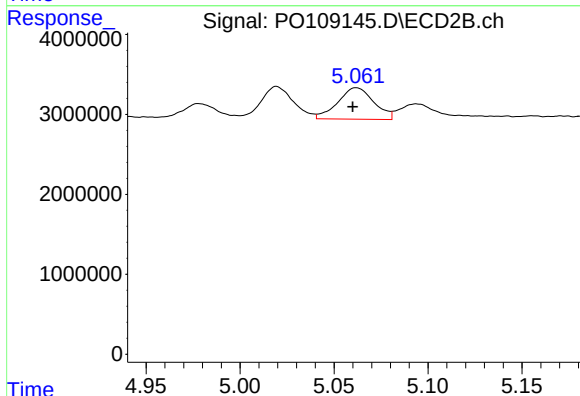
R.T.: 5.019 min
Delta R.T.: 0.002 min
Response: 4740490
Conc: 30.79 ng/ml



#23 AR-1248-3

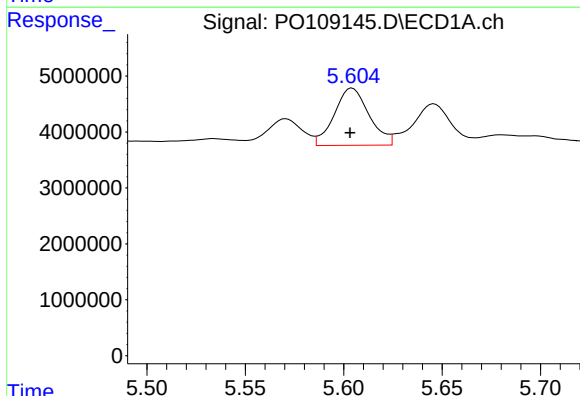
R.T.: 5.249 min
Delta R.T.: 0.000 min
Response: 10617227
Conc: 38.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



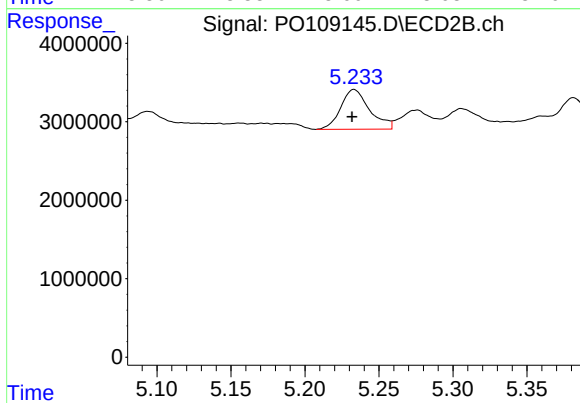
#23 AR-1248-3

R.T.: 5.062 min
Delta R.T.: 0.002 min
Response: 5279351
Conc: 31.92 ng/ml



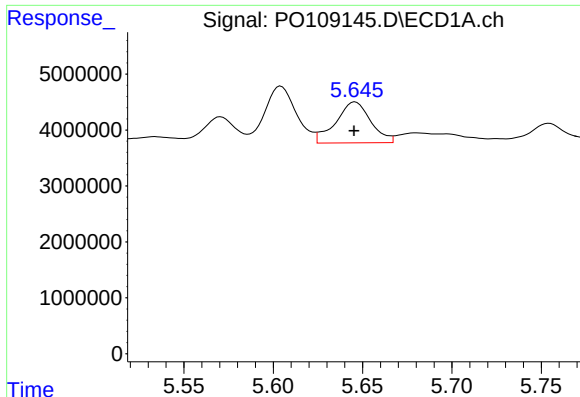
#24 AR-1248-4

R.T.: 5.604 min
Delta R.T.: 0.001 min
Response: 12619514
Conc: 32.82 ng/ml



#24 AR-1248-4

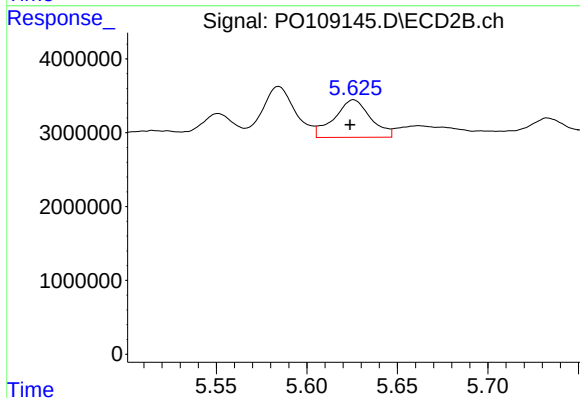
R.T.: 5.233 min
Delta R.T.: 0.001 min
Response: 6878702
Conc: 35.92 ng/ml



#25 AR-1248-5

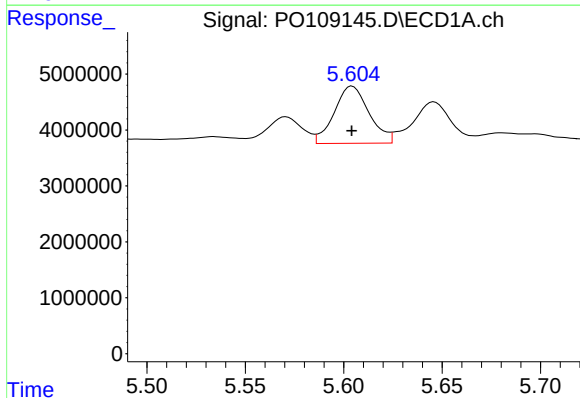
R.T.: 5.646 min
Delta R.T.: 0.000 min
Response: 9959476
Conc: 37.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



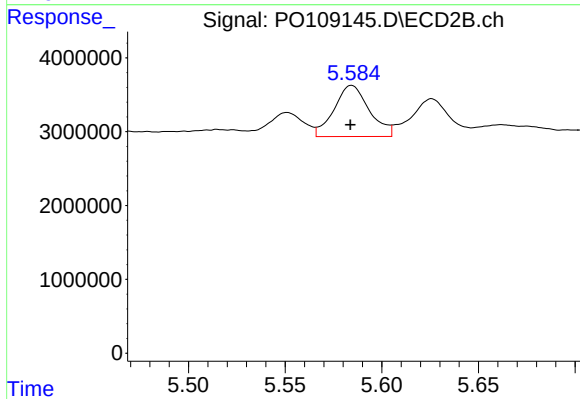
#25 AR-1248-5

R.T.: 5.626 min
Delta R.T.: 0.002 min
Response: 7096281
Conc: 38.73 ng/ml



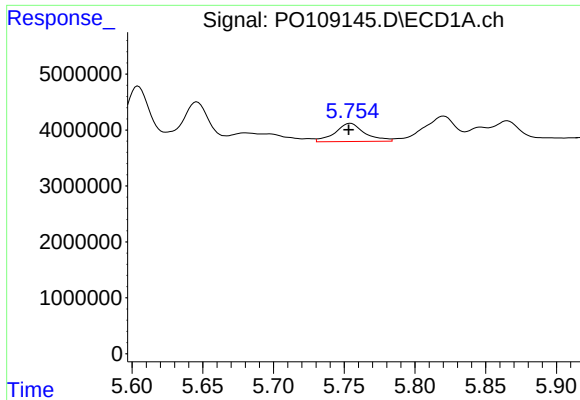
#26 AR-1254-1

R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 12619514
Conc: 30.52 ng/ml



#26 AR-1254-1

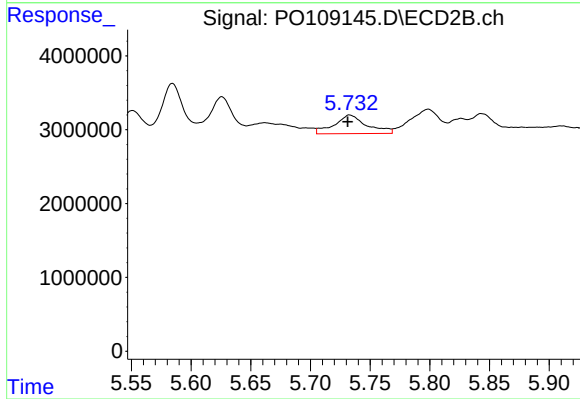
R.T.: 5.584 min
Delta R.T.: 0.000 min
Response: 8786724
Conc: 31.26 ng/ml



#27 AR-1254-2

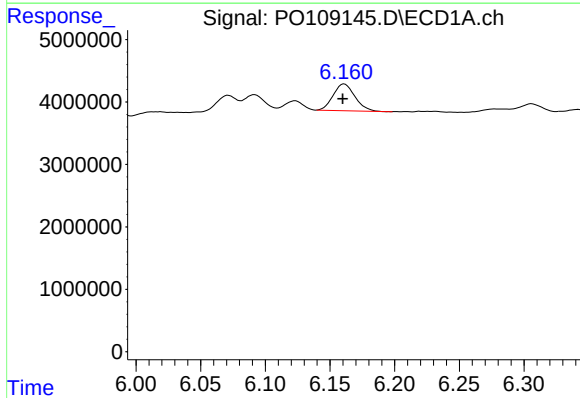
R.T.: 5.754 min
Delta R.T.: 0.001 min
Response: 4767520
Conc: 13.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



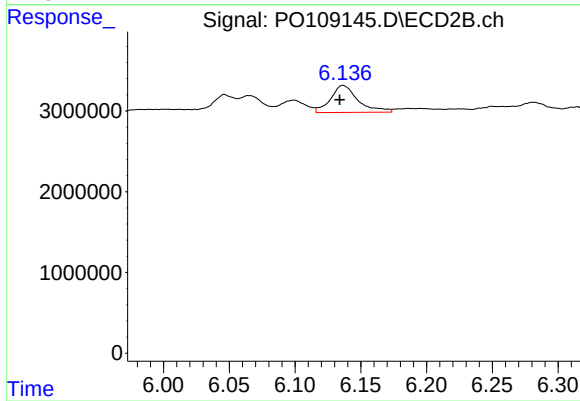
#27 AR-1254-2

R.T.: 5.733 min
Delta R.T.: 0.002 min
Response: 4767237
Conc: 19.05 ng/ml



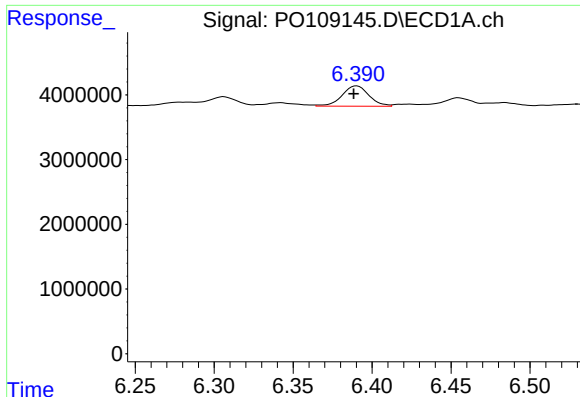
#28 AR-1254-3

R.T.: 6.161 min
Delta R.T.: 0.001 min
Response: 5001793
Conc: 8.87 ng/ml



#28 AR-1254-3

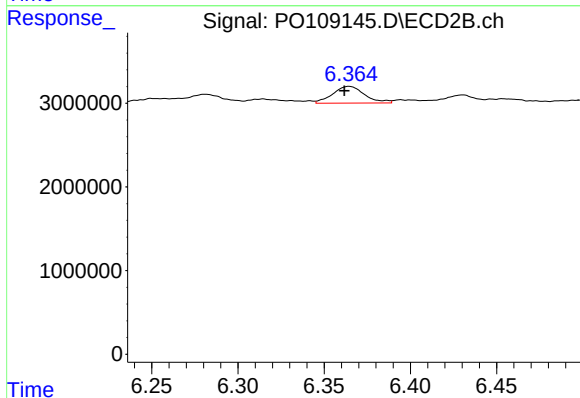
R.T.: 6.136 min
Delta R.T.: 0.002 min
Response: 4868763
Conc: 12.39 ng/ml



#29 AR-1254-4

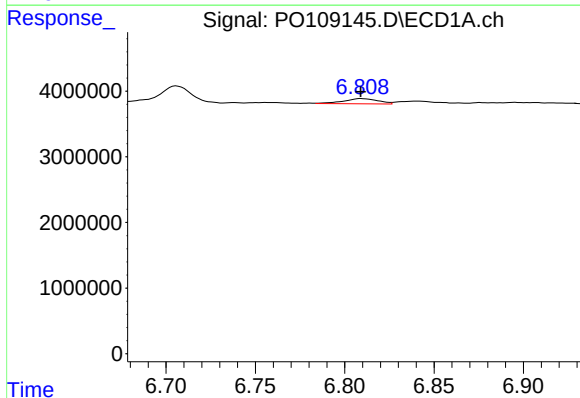
R.T.: 6.390 min
Delta R.T.: 0.002 min
Response: 3723486
Conc: 10.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



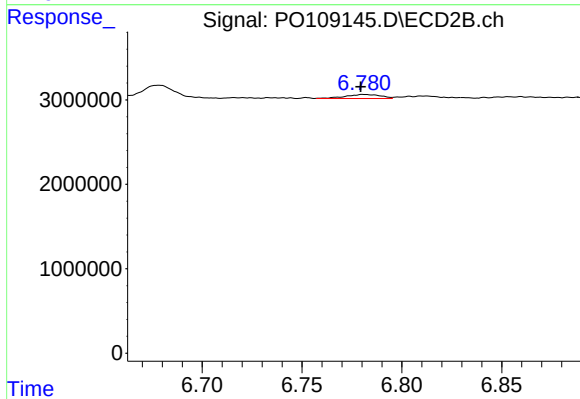
#29 AR-1254-4

R.T.: 6.364 min
Delta R.T.: 0.003 min
Response: 2574684
Conc: 11.68 ng/ml



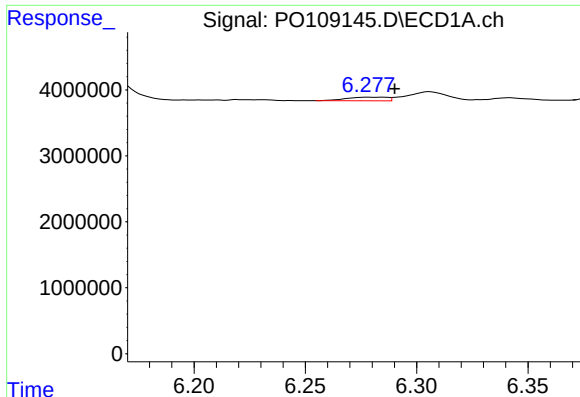
#30 AR-1254-5

R.T.: 6.809 min
Delta R.T.: 0.000 min
Response: 1086134
Conc: 2.12 ng/ml



#30 AR-1254-5

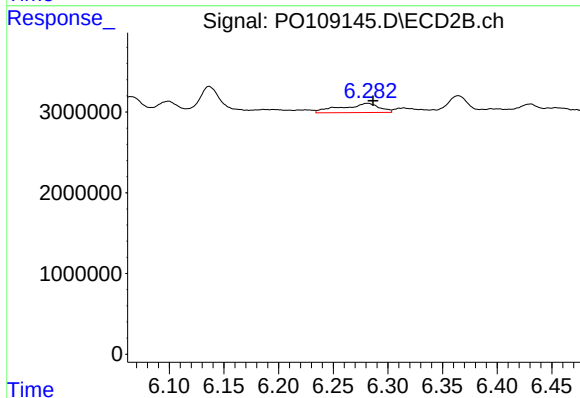
R.T.: 6.781 min
Delta R.T.: 0.002 min
Response: 589954
Conc: 1.81 ng/ml



#31 AR-1260-1

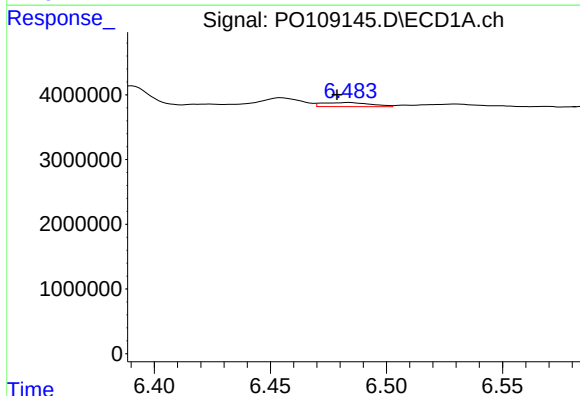
R.T.: 6.278 min
Delta R.T.: -0.012 min
Response: 713380
Conc: 1.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



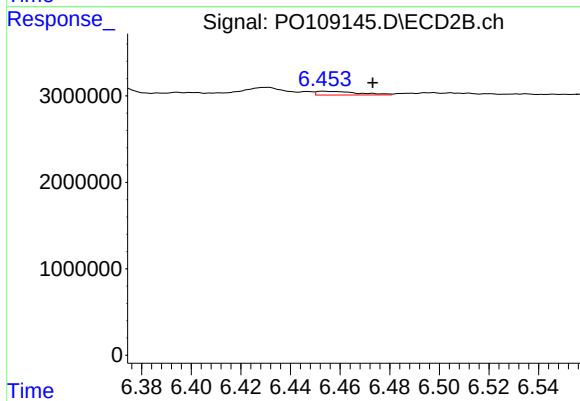
#31 AR-1260-1

R.T.: 6.281 min
Delta R.T.: -0.005 min
Response: 2716277
Conc: 10.78 ng/ml



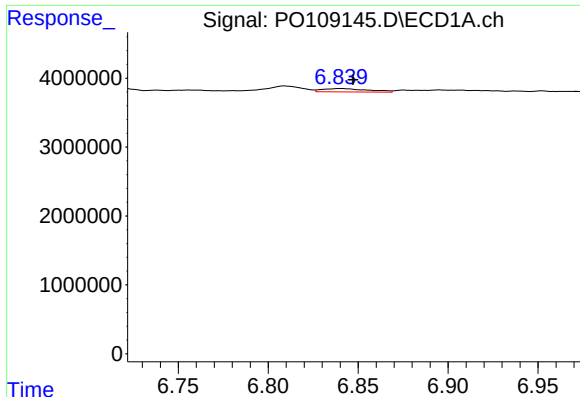
#32 AR-1260-2

R.T.: 6.484 min
Delta R.T.: 0.005 min
Response: 903140
Conc: 1.92 ng/ml



#32 AR-1260-2

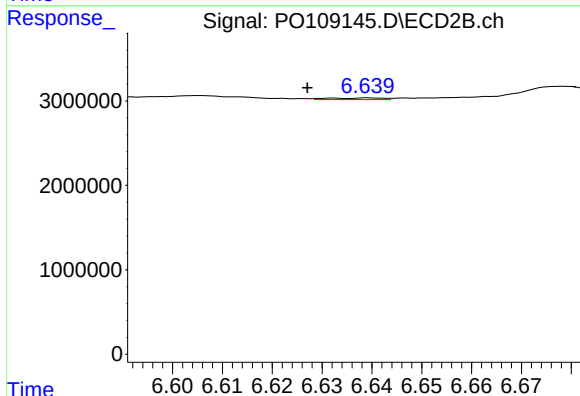
R.T.: 6.454 min
Delta R.T.: -0.020 min
Response: 498939
Conc: 1.66 ng/ml



#33 AR-1260-3

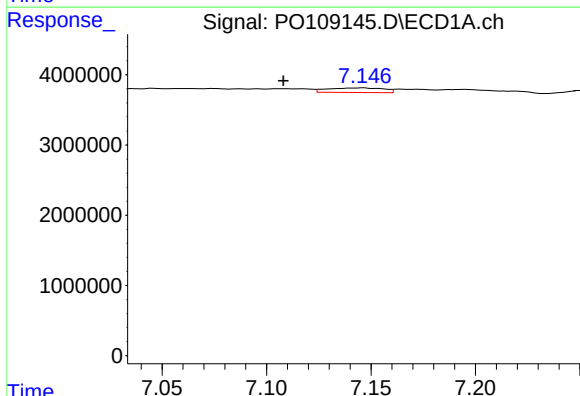
R.T.: 6.841 min
Delta R.T.: -0.007 min
Response: 847724
Conc: 2.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



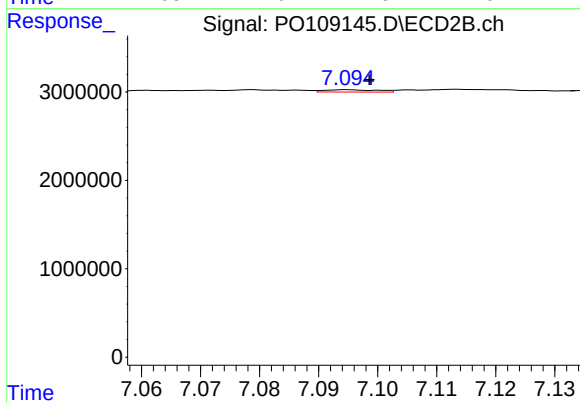
#33 AR-1260-3

R.T.: 6.640 min
Delta R.T.: 0.012 min
Response: 140862
Conc: 0.51 ng/ml



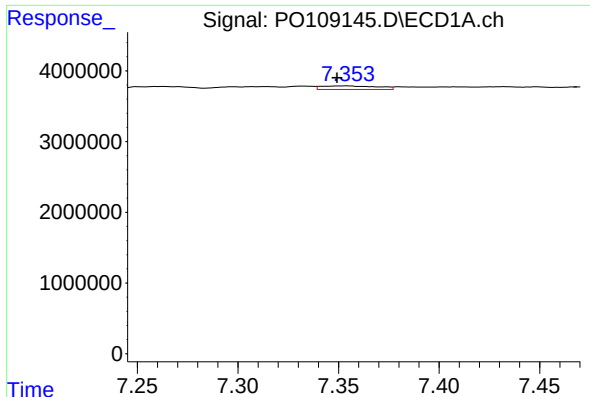
#34 AR-1260-4

R.T.: 7.146 min
Delta R.T.: 0.038 min
Response: 1205313
Conc: 3.37 ng/ml



#34 AR-1260-4

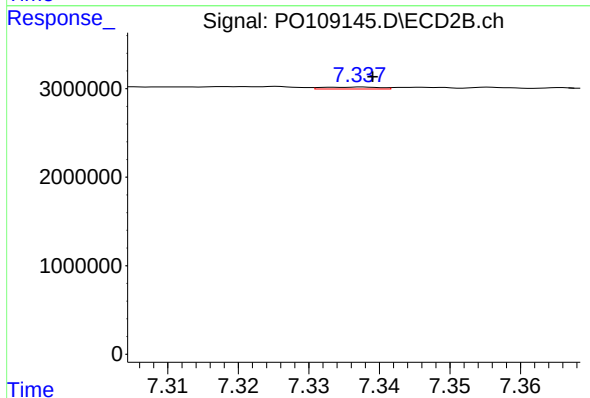
R.T.: 7.095 min
Delta R.T.: -0.004 min
Response: 162888
Conc: 0.72 ng/ml



#35 AR-1260-5

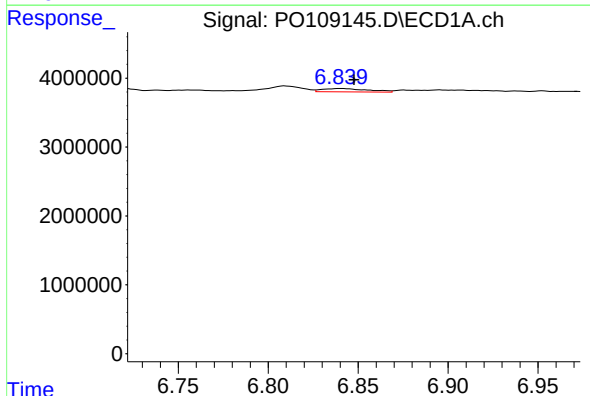
R.T.: 7.354 min
Delta R.T.: 0.005 min
Response: 998249
Conc: 1.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



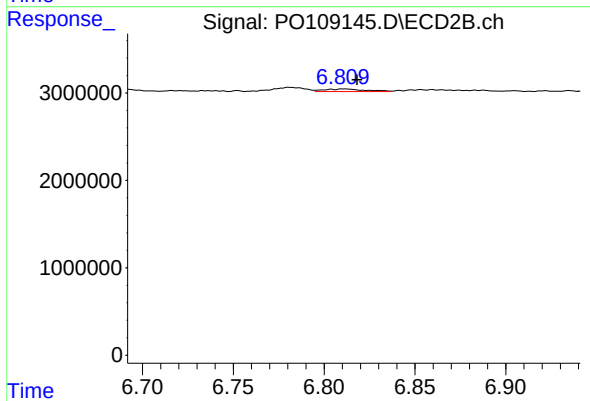
#35 AR-1260-5

R.T.: 7.337 min
Delta R.T.: -0.002 min
Response: 123426
Conc: 0.25 ng/ml



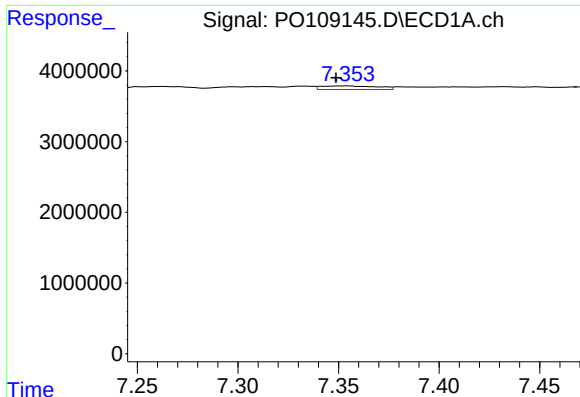
#36 AR-1262-1

R.T.: 6.841 min
Delta R.T.: -0.007 min
Response: 847724
Conc: 1.59 ng/ml



#36 AR-1262-1

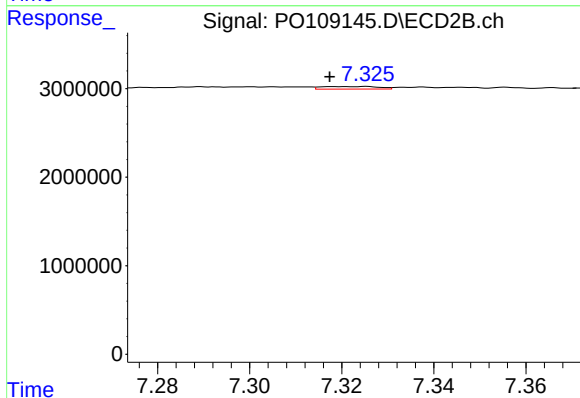
R.T.: 6.811 min
Delta R.T.: -0.007 min
Response: 451276
Conc: 1.33 ng/ml



#37 AR-1262-2

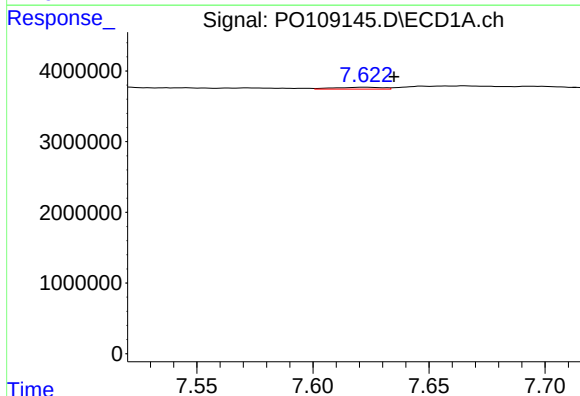
R.T.: 7.354 min
Delta R.T.: 0.005 min
Response: 998249
Conc: 1.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



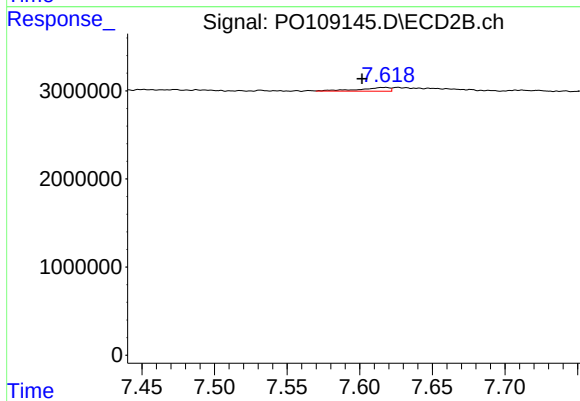
#37 AR-1262-2

R.T.: 7.325 min
Delta R.T.: 0.008 min
Response: 255564
Conc: 0.46 ng/ml



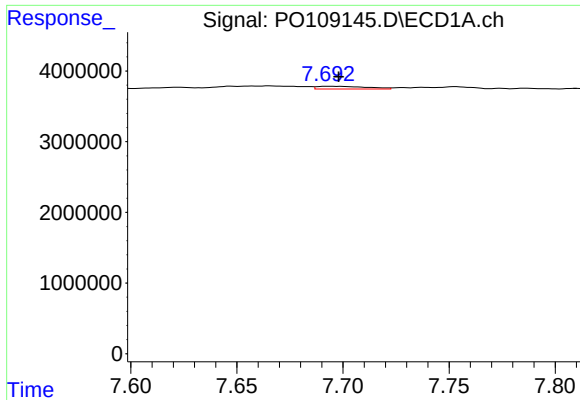
#38 AR-1262-3

R.T.: 7.623 min
Delta R.T.: -0.012 min
Response: 392976
Conc: 1.08 ng/ml



#38 AR-1262-3

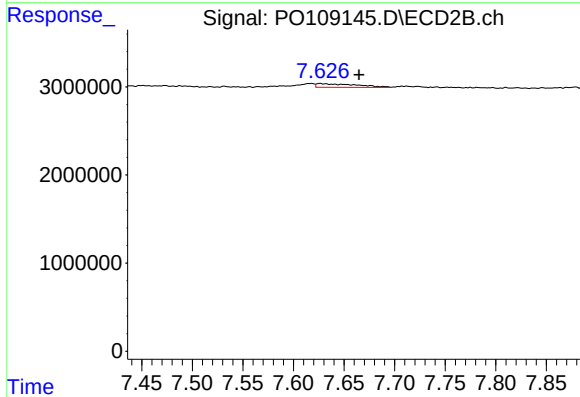
R.T.: 7.618 min
Delta R.T.: 0.016 min
Response: 618340
Conc: 2.88 ng/ml



#39 AR-1262-4

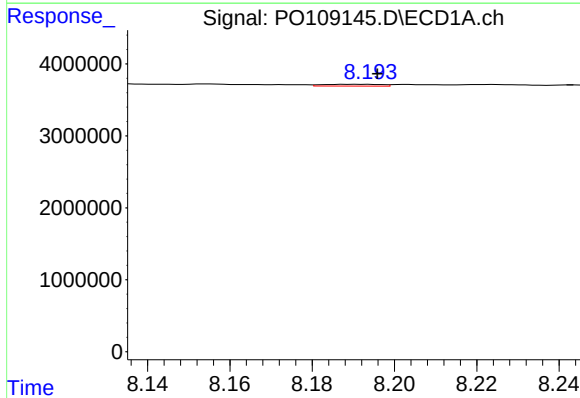
R.T.: 7.693 min
Delta R.T.: -0.005 min
Response: 638724
Conc: 0.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



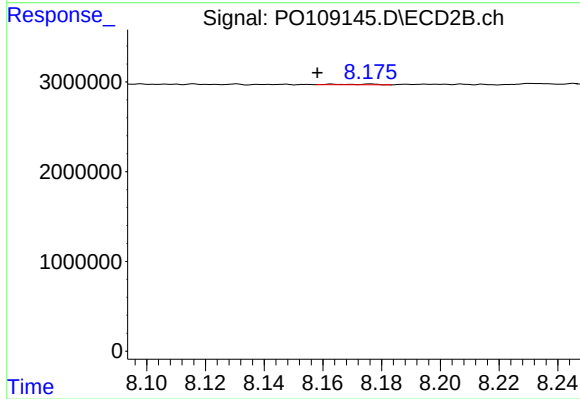
#39 AR-1262-4

R.T.: 7.626 min
Delta R.T.: -0.039 min
Response: 1145477
Conc: 2.92 ng/ml



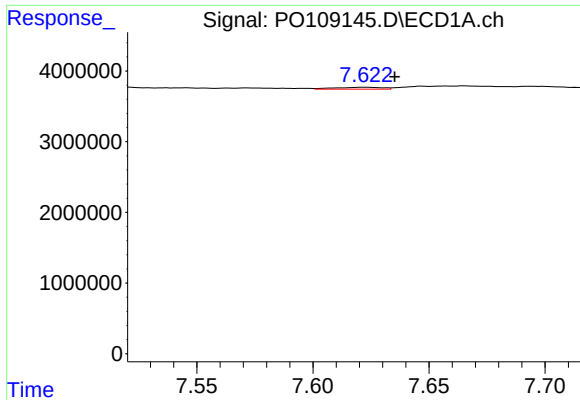
#40 AR-1262-5

R.T.: 8.192 min
Delta R.T.: -0.004 min
Response: 248838
Conc: 0.82 ng/ml



#40 AR-1262-5

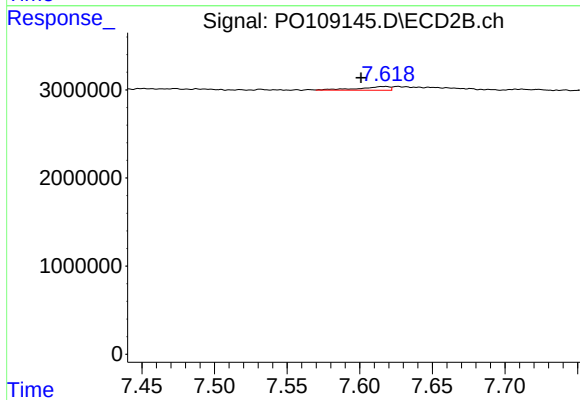
R.T.: 8.176 min
Delta R.T.: 0.018 min
Response: 59930
Conc: 0.38 ng/ml



#41 AR-1268-1

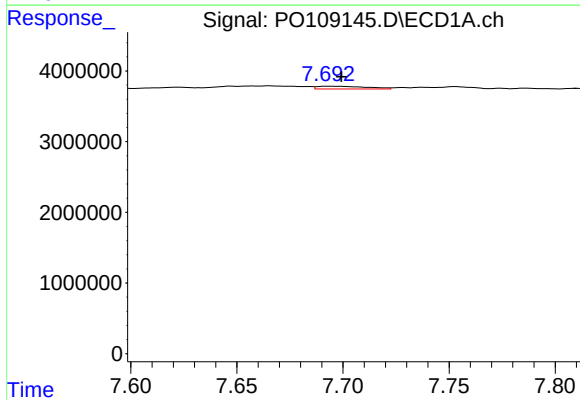
R.T.: 7.623 min
Delta R.T.: -0.013 min
Response: 392976
Conc: 0.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



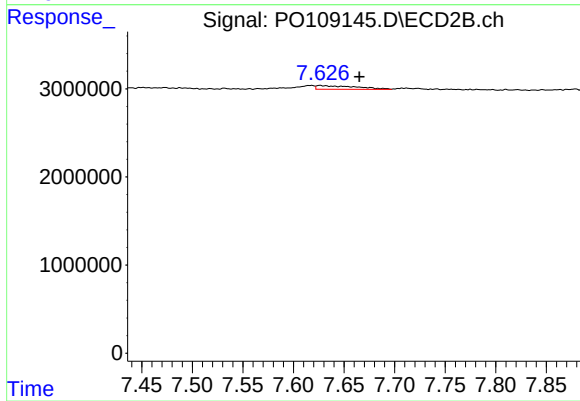
#41 AR-1268-1

R.T.: 7.618 min
Delta R.T.: 0.017 min
Response: 618340
Conc: 0.98 ng/ml



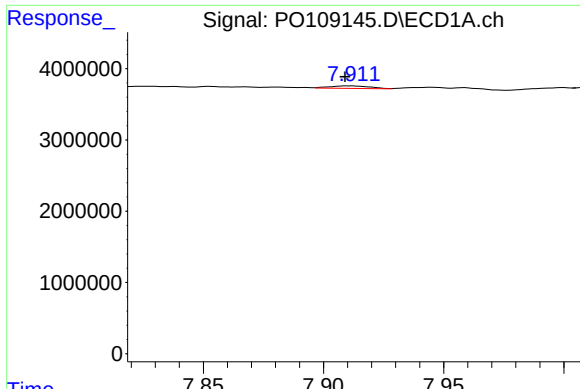
#42 AR-1268-2

R.T.: 7.693 min
Delta R.T.: -0.007 min
Response: 638724
Conc: 0.66 ng/ml



#42 AR-1268-2

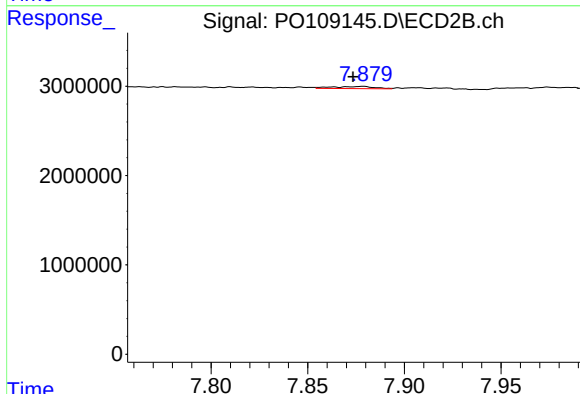
R.T.: 7.626 min
Delta R.T.: -0.039 min
Response: 1145477
Conc: 2.01 ng/ml



#43 AR-1268-3

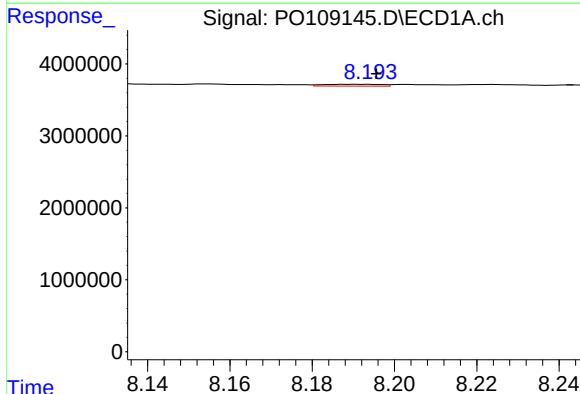
R.T.: 7.911 min
Delta R.T.: 0.002 min
Response: 411834
Conc: 0.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



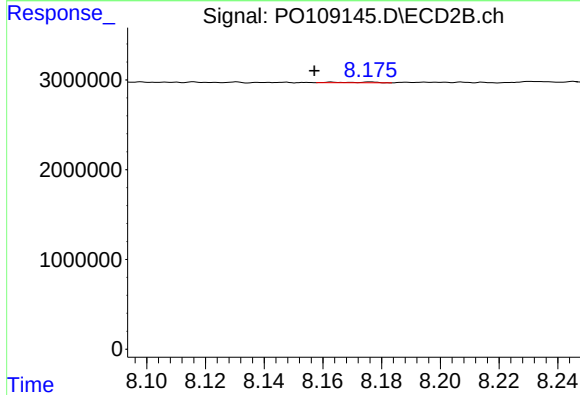
#43 AR-1268-3

R.T.: 7.878 min
Delta R.T.: 0.005 min
Response: 368288
Conc: 0.80 ng/ml



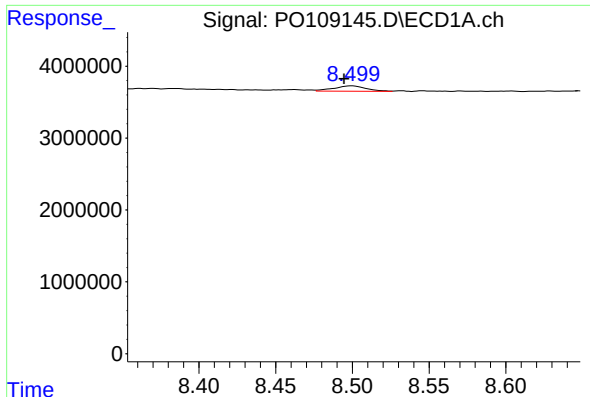
#44 AR-1268-4

R.T.: 8.192 min
Delta R.T.: -0.004 min
Response: 248838
Conc: 0.73 ng/ml



#44 AR-1268-4

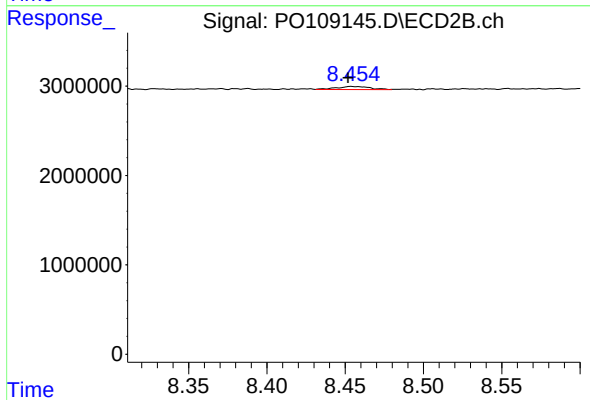
R.T.: 8.176 min
Delta R.T.: 0.019 min
Response: 59930
Conc: 0.33 ng/ml



#45 AR-1268-5

R.T.: 8.500 min
Delta R.T.: 0.005 min
Response: 1092740
Conc: 0.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.454 min
Delta R.T.: 0.002 min
Response: 512091
Conc: 0.43 ng/ml