

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0051925\
 Data File : P0111207.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2025 05:26
 Operator : YP/AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 05:58:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0051525.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 15 07:11:53 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...	3.682	3.678	311.5E6	272.3E6	52.952	49.943
2) SA Decachlor...	8.724	8.674	259.5E6	93798415	50.257	50.698
Target Compounds						
3) L1 AR-1016-1	4.772	4.757	76169245	62719942	338.446	328.502
4) L1 AR-1016-2	4.792	4.776	81091070	66644669	254.257	240.486
5) L1 AR-1016-3	4.848	4.953	49209093	42704030	226.640	292.343 #
6) L1 AR-1016-4	4.969	4.994	52703323	83337571	302.635	693.966 #
7) L1 AR-1016-5	5.225	5.206	133.5E6	109.9E6	758.809	712.099
8) L2 AR-1221-1	3.892	3.889	1381201	969853	15.856	13.134
9) L2 AR-1221-2	3.984	3.977	6556273	4784468	102.918	87.927
10) L2 AR-1221-3	4.056	4.049	7061118	5417456	36.714	32.420
11) L3 AR-1232-1	4.056	4.049	7061118	5417456	46.099	41.483
12) L3 AR-1232-2	4.549	4.776	32757372	66644669	399.741	508.116 #
13) L3 AR-1232-3	4.792	4.953	81091070	42704030	530.260	627.339
14) L3 AR-1232-4	4.969	5.036	52703323	90294234	640.759	1464.001 #
15) L3 AR-1232-5	5.011	5.206	97522395	109.9E6	1797.340	1672.662
16) L4 AR-1242-1	4.772	4.757	76169245	62719942	398.375	389.307
17) L4 AR-1242-2	4.792	4.776	81091070	66644669	298.113	284.071
18) L4 AR-1242-3	4.848	4.953	49209093	42704030	264.584	345.450 #
19) L4 AR-1242-4	4.969	5.036	52703323	90294234	356.585	730.446 #
20) L4 AR-1242-5	5.621	5.556	132.7E6	150.0E6	853.056	987.204
21) L5 AR-1248-1	4.772	4.757	76169245	62719942	497.299	483.472
22) L5 AR-1248-2	5.011	4.994	97522395	83337571	486.353	473.800
23) L5 AR-1248-3	5.225	5.036	133.5E6	90294234	521.645	481.276
24) L5 AR-1248-4	5.580	5.206	183.2E6	109.9E6	505.779	500.129
25) L5 AR-1248-5	5.621	5.597	132.7E6	108.3E6	506.328	495.949
26) L6 AR-1254-1	5.580	5.556	183.2E6	150.0E6	482.602	463.037
27) L6 AR-1254-2	5.729	5.705	58319671	48575237	178.470	171.496
28) L6 AR-1254-3	6.134	6.107	81901754	65248124	155.664	151.229
29) L6 AR-1254-4	6.364	6.334	58775094	43743743	174.885	176.854
30) L6 AR-1254-5	6.783	6.751	20249006	13572246	42.678	39.233
31) L7 AR-1260-1	6.279	6.251	40188703	31489386	131.780	126.014
32) L7 AR-1260-2	6.454	6.424	6793036	4916352	17.739	16.706
33) L7 AR-1260-3	6.854	6.576	2452271	7632249	7.035	26.619 #
34) L7 AR-1260-4	7.083	7.049	1693208	581071	6.048	2.894 #
35) L7 AR-1260-5	7.324	7.288	3794473	2161700	5.271	4.703
36) L8 AR-1262-1	6.854	6.820	2452271	2835501	5.039	8.321 #
37) L8 AR-1262-2	7.324	7.288	3794473	2161700	4.693	4.299
38) L8 AR-1262-3	7.609	7.571	3186781	1427355	9.421	7.607
39) L8 AR-1262-4	7.669	7.633	2951753	2113114	4.999	6.399 #
40) L8 AR-1262-5	8.172	8.133	605880	233761	2.124	2.081
41) L9 AR-1268-1	7.609	7.571	3186781	1427355	3.287	2.693

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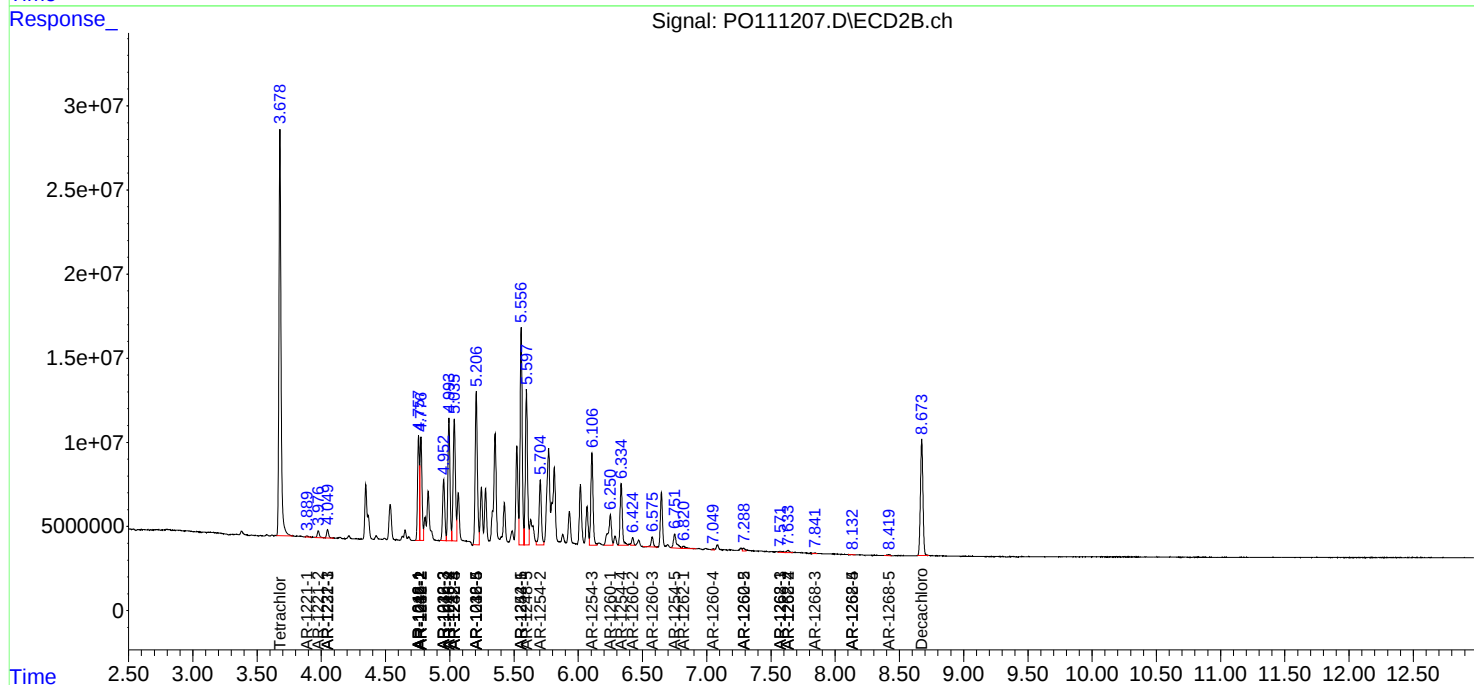
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

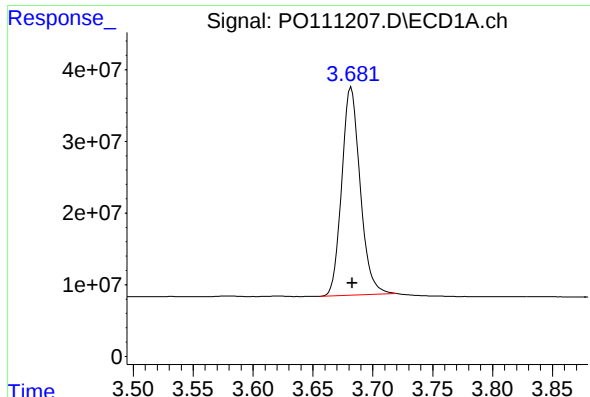
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.669	7.633	2951753	2113114	3.307	4.381 #
43) L9	AR-1268-3	7.879	7.840	1486128	522674	1.958	1.500
44) L9	AR-1268-4	8.172	8.133	605880	233761	1.855	1.837
45) L9	AR-1268-5	8.464	8.419	2951971	879861	1.368	1.169

(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

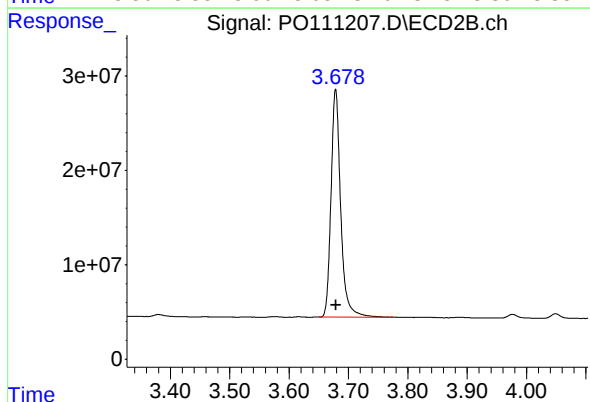




#1 Tetrachloro-m-xylene

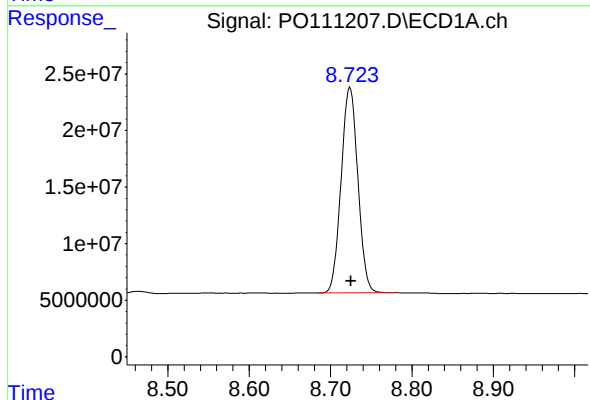
R.T.: 3.682 min
Delta R.T.: -0.001 min
Response: 311529896
Conc: 52.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



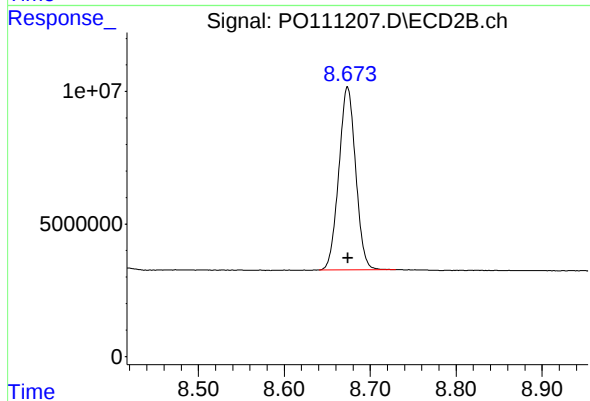
#1 Tetrachloro-m-xylene

R.T.: 3.678 min
Delta R.T.: 0.000 min
Response: 272259382
Conc: 49.94 ng/ml



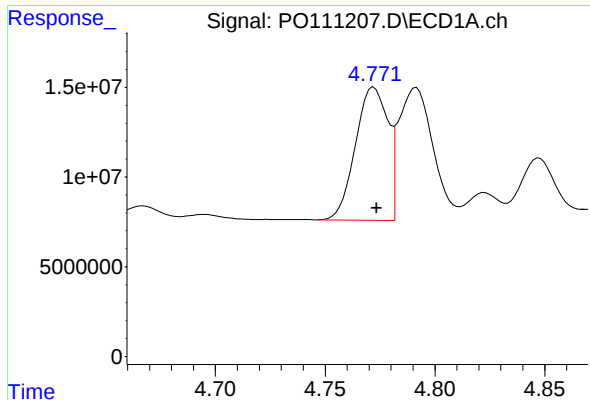
#2 Decachlorobiphenyl

R.T.: 8.724 min
Delta R.T.: -0.001 min
Response: 259468901
Conc: 50.26 ng/ml



#2 Decachlorobiphenyl

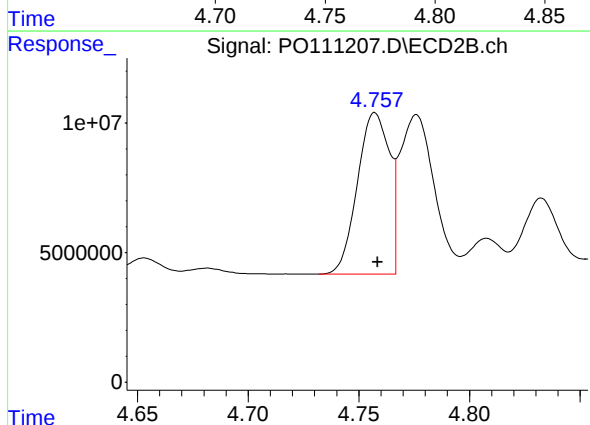
R.T.: 8.674 min
Delta R.T.: 0.000 min
Response: 93798415
Conc: 50.70 ng/ml



#3 AR-1016-1

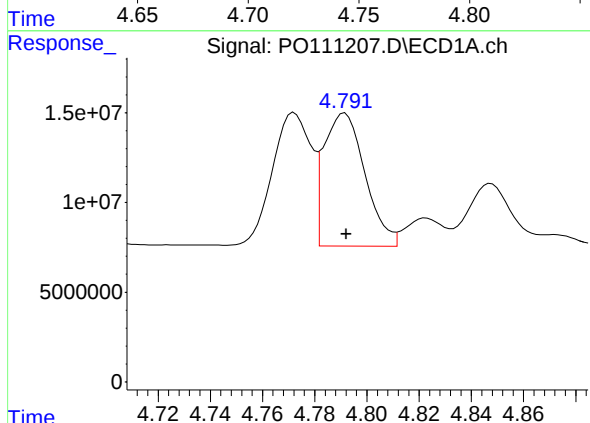
R.T.: 4.772 min
Delta R.T.: -0.001 min
Response: 76169245
Conc: 338.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



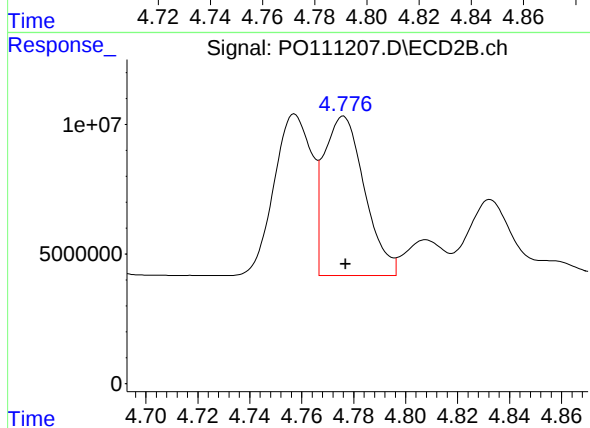
#3 AR-1016-1

R.T.: 4.757 min
Delta R.T.: -0.001 min
Response: 62719942
Conc: 328.50 ng/ml



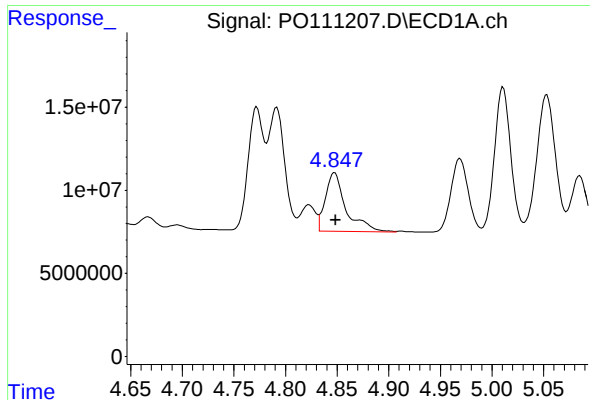
#4 AR-1016-2

R.T.: 4.792 min
Delta R.T.: 0.000 min
Response: 81091070
Conc: 254.26 ng/ml



#4 AR-1016-2

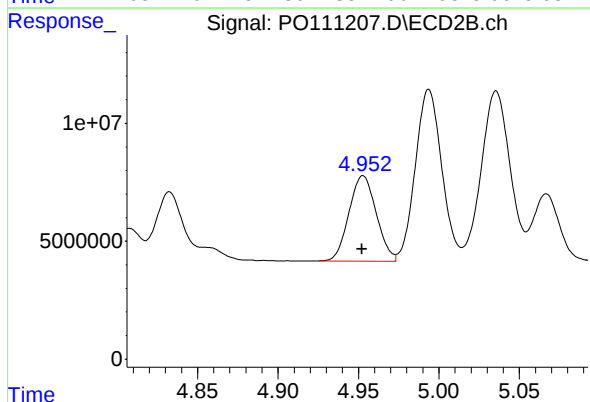
R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 66644669
Conc: 240.49 ng/ml



#5 AR-1016-3

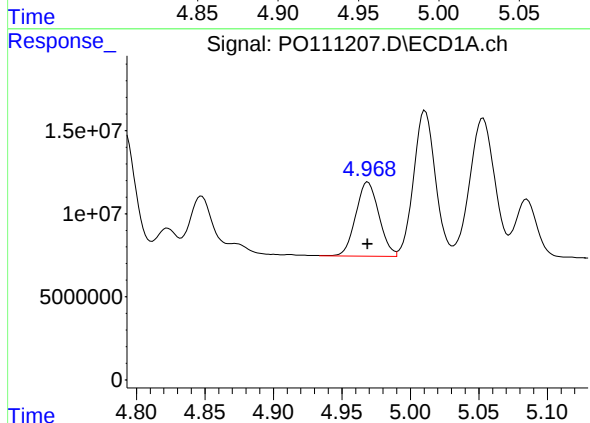
R.T.: 4.848 min
Delta R.T.: -0.001 min
Response: 49209093
Conc: 226.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



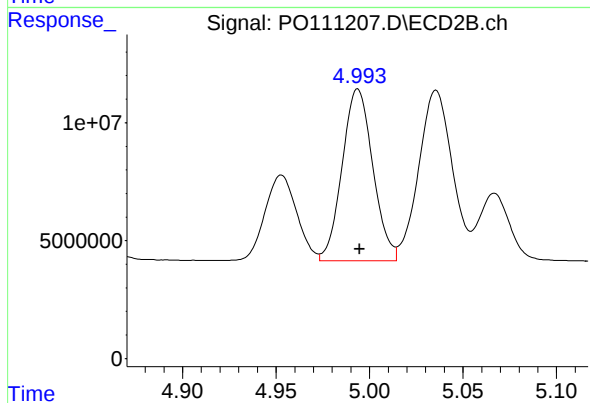
#5 AR-1016-3

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 42704030
Conc: 292.34 ng/ml



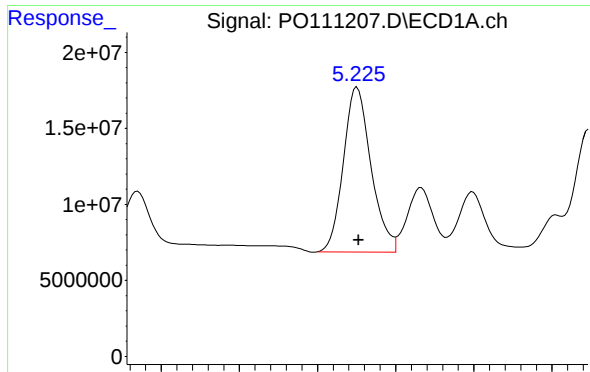
#6 AR-1016-4

R.T.: 4.969 min
Delta R.T.: 0.000 min
Response: 52703323
Conc: 302.64 ng/ml



#6 AR-1016-4

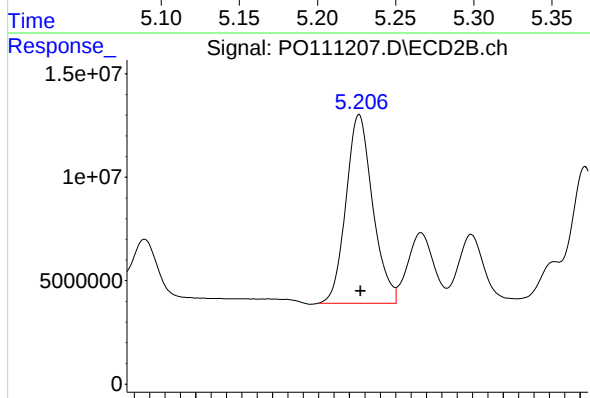
R.T.: 4.994 min
Delta R.T.: -0.001 min
Response: 83337571
Conc: 693.97 ng/ml



#7 AR-1016-5

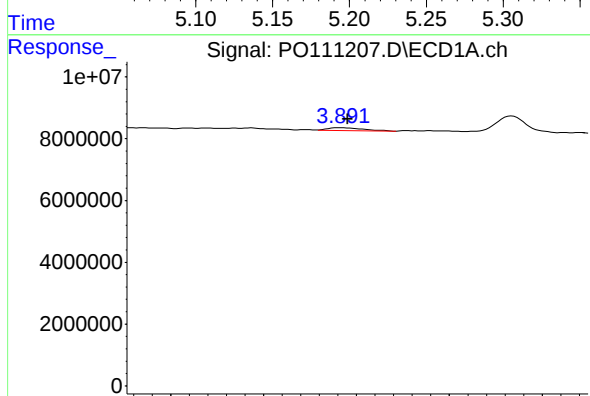
R.T.: 5.225 min
Delta R.T.: 0.000 min
Response: 133543820
Conc: 758.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



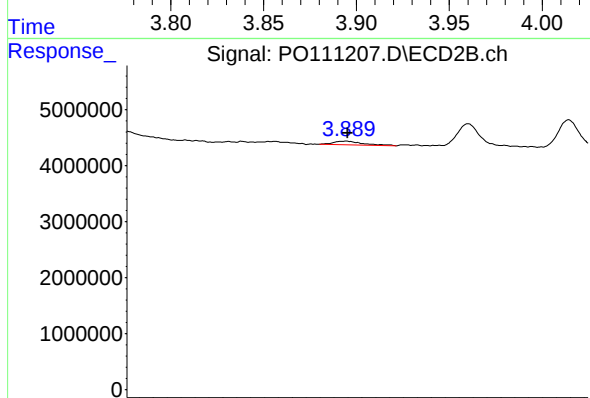
#7 AR-1016-5

R.T.: 5.206 min
Delta R.T.: -0.001 min
Response: 109948306
Conc: 712.10 ng/ml



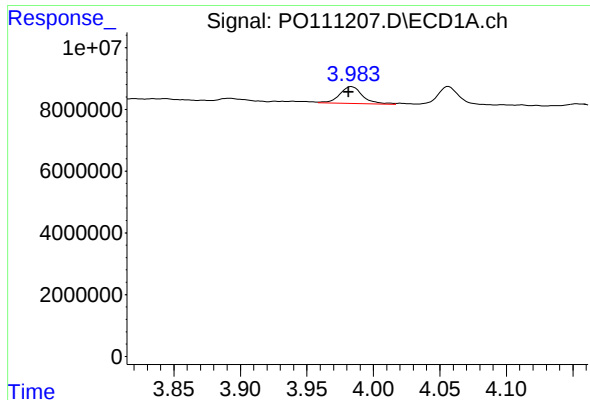
#8 AR-1221-1

R.T.: 3.892 min
Delta R.T.: -0.003 min
Response: 1381201
Conc: 15.86 ng/ml



#8 AR-1221-1

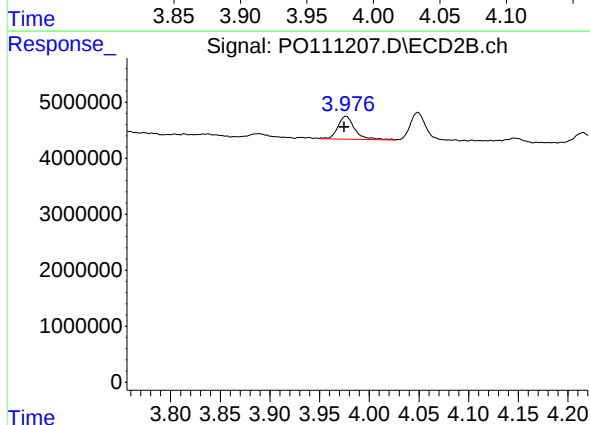
R.T.: 3.889 min
Delta R.T.: -0.001 min
Response: 969853
Conc: 13.13 ng/ml



#9 AR-1221-2

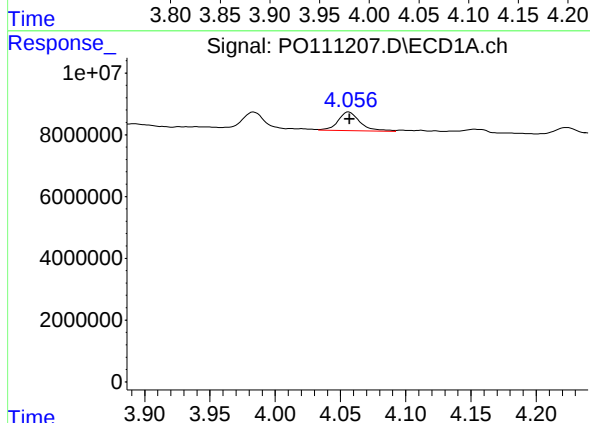
R.T.: 3.984 min
Delta R.T.: 0.002 min
Response: 6556273
Conc: 102.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



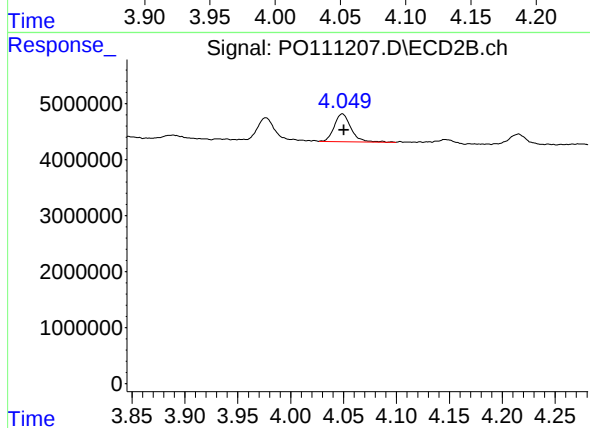
#9 AR-1221-2

R.T.: 3.977 min
Delta R.T.: 0.002 min
Response: 4784468
Conc: 87.93 ng/ml



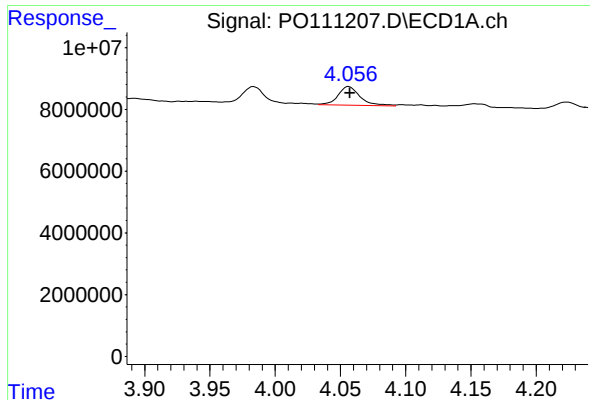
#10 AR-1221-3

R.T.: 4.056 min
Delta R.T.: 0.000 min
Response: 7061118
Conc: 36.71 ng/ml



#10 AR-1221-3

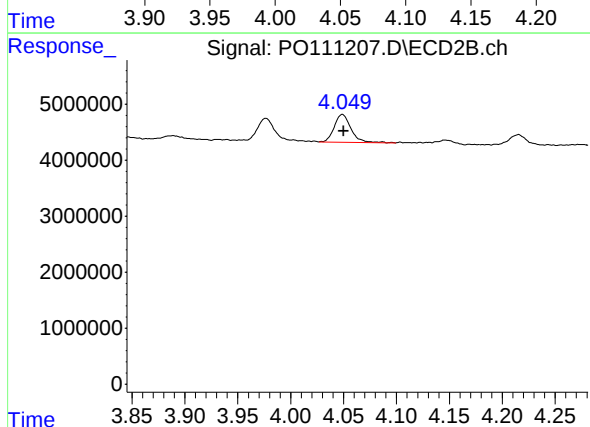
R.T.: 4.049 min
Delta R.T.: -0.002 min
Response: 5417456
Conc: 32.42 ng/ml



#11 AR-1232-1

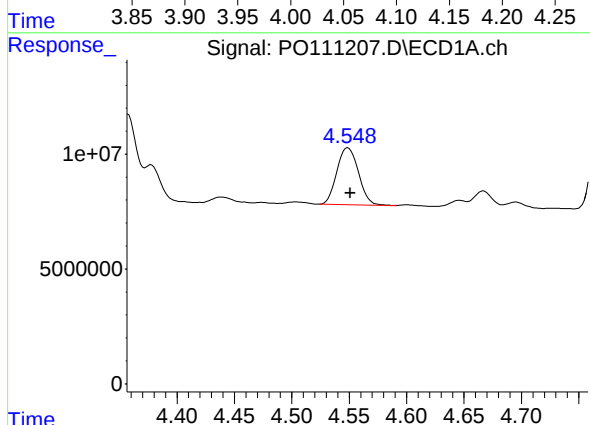
R.T.: 4.056 min
Delta R.T.: 0.000 min
Response: 7061118
Conc: 46.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



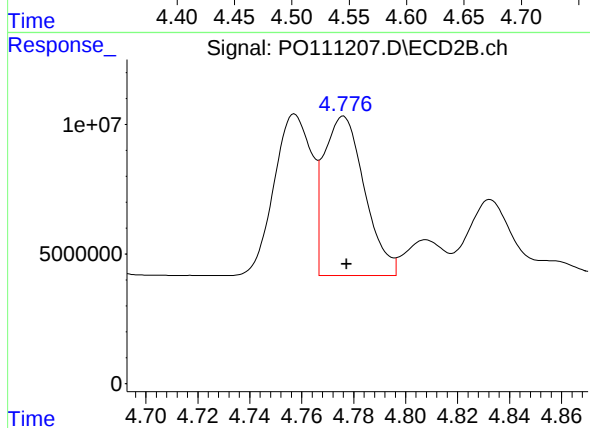
#11 AR-1232-1

R.T.: 4.049 min
Delta R.T.: -0.001 min
Response: 5417456
Conc: 41.48 ng/ml



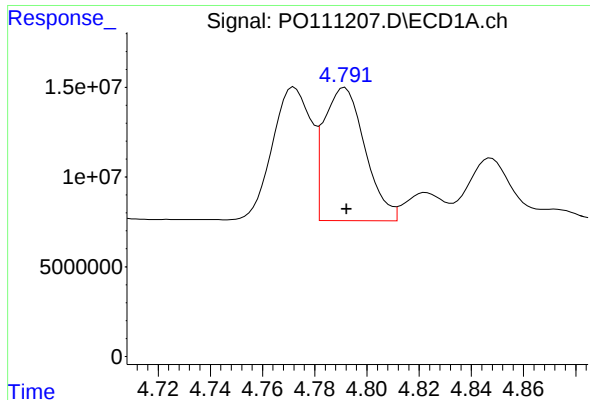
#12 AR-1232-2

R.T.: 4.549 min
Delta R.T.: -0.002 min
Response: 32757372
Conc: 399.74 ng/ml



#12 AR-1232-2

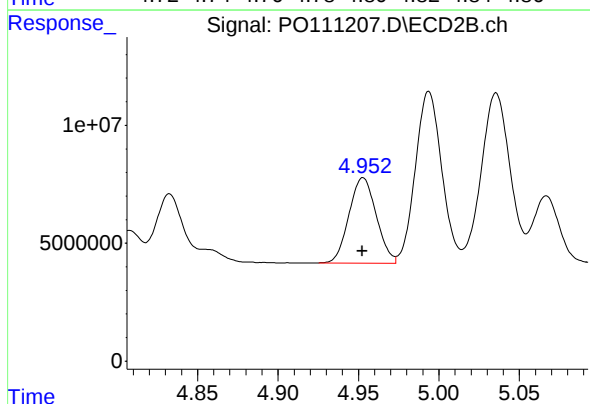
R.T.: 4.776 min
Delta R.T.: -0.001 min
Response: 66644669
Conc: 508.12 ng/ml



#13 AR-1232-3

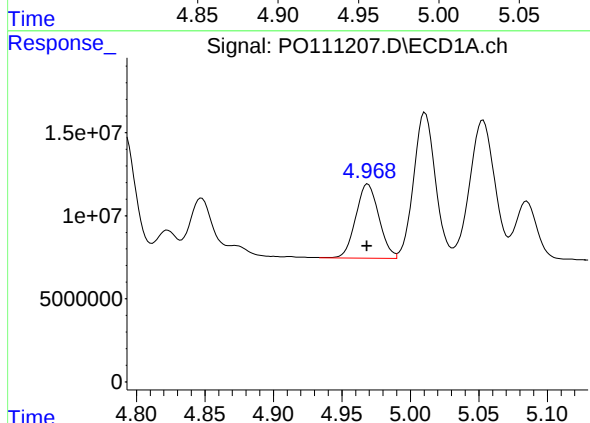
R.T.: 4.792 min
Delta R.T.: 0.000 min
Response: 81091070
Conc: 530.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



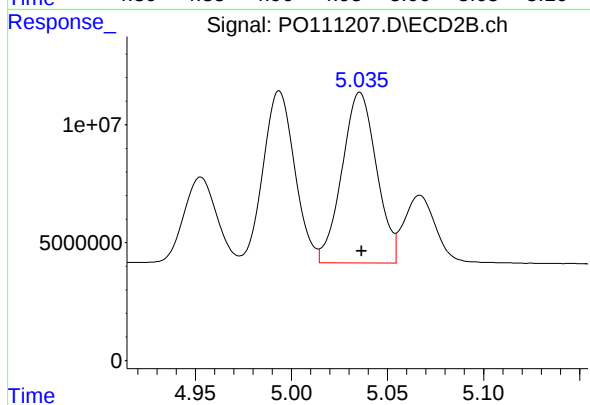
#13 AR-1232-3

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 42704030
Conc: 627.34 ng/ml



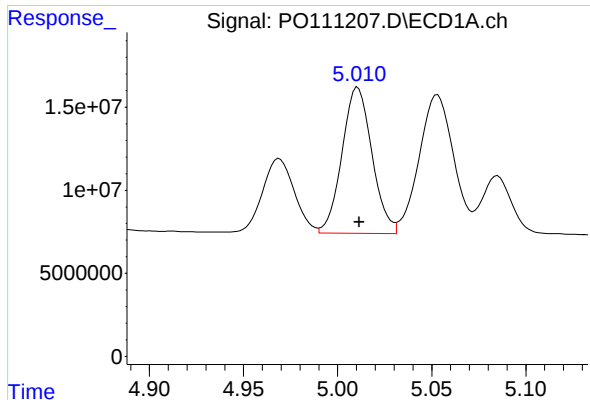
#14 AR-1232-4

R.T.: 4.969 min
Delta R.T.: 0.000 min
Response: 52703323
Conc: 640.76 ng/ml



#14 AR-1232-4

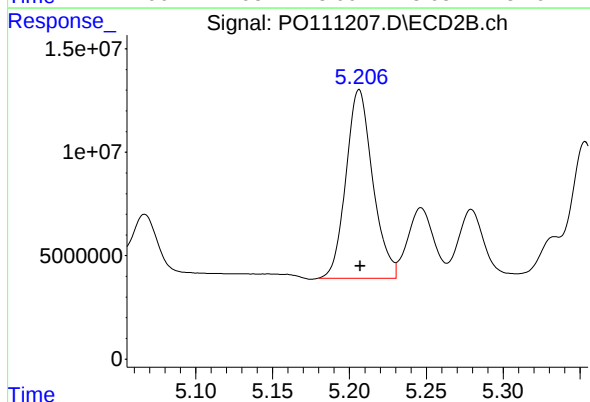
R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 90294234
Conc: 1464.00 ng/ml



#15 AR-1232-5

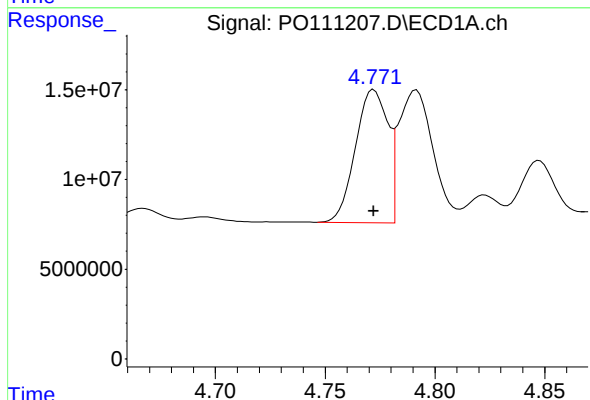
R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 97522395
Conc: 1797.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



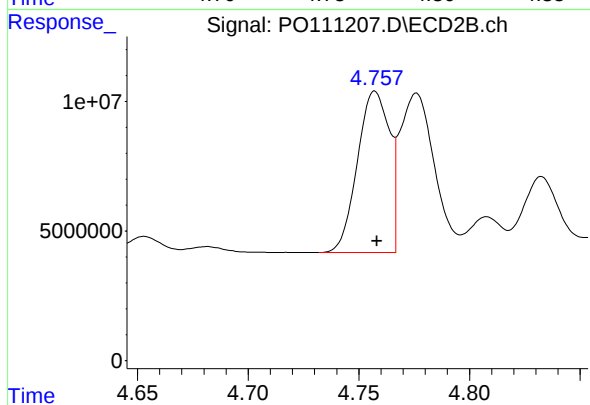
#15 AR-1232-5

R.T.: 5.206 min
Delta R.T.: 0.000 min
Response: 109948306
Conc: 1672.66 ng/ml



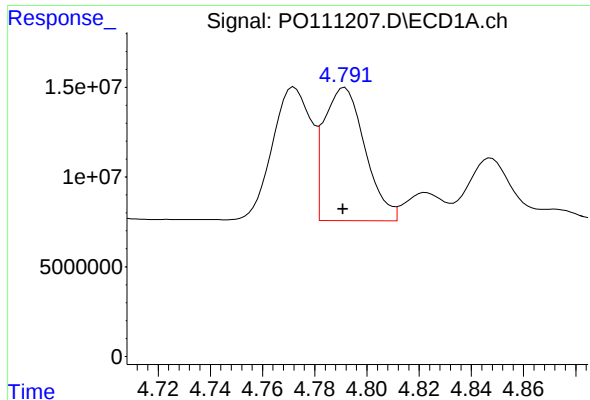
#16 AR-1242-1

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 76169245
Conc: 398.38 ng/ml



#16 AR-1242-1

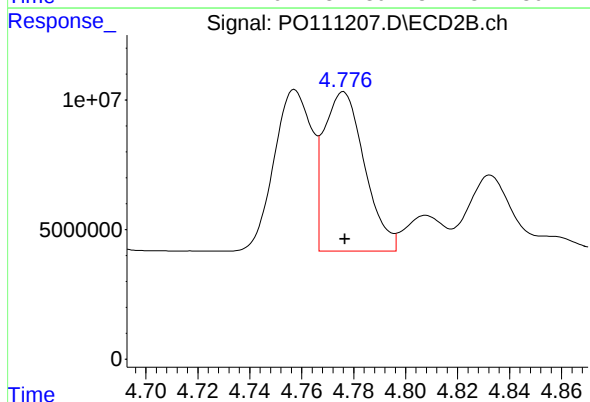
R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 62719942
Conc: 389.31 ng/ml



#17 AR-1242-2

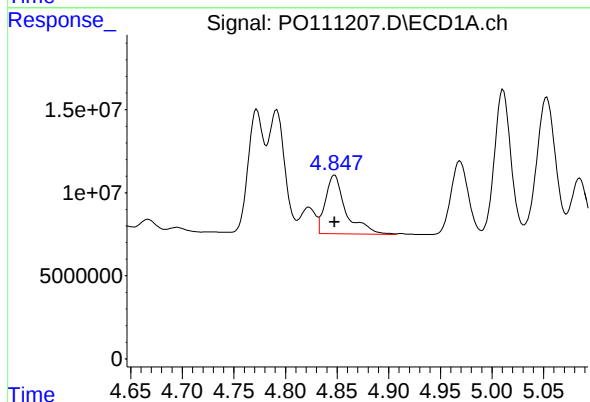
R.T.: 4.792 min
Delta R.T.: 0.000 min
Response: 81091070
Conc: 298.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



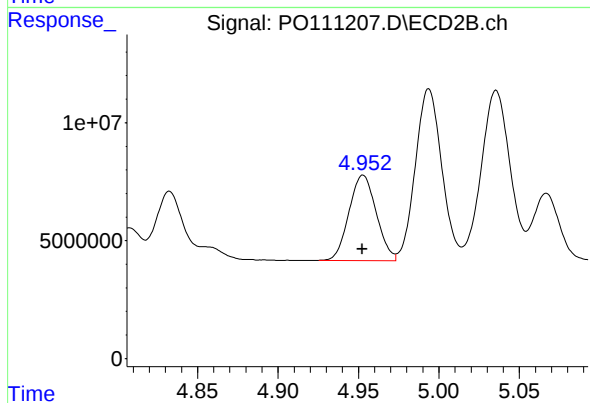
#17 AR-1242-2

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 66644669
Conc: 284.07 ng/ml



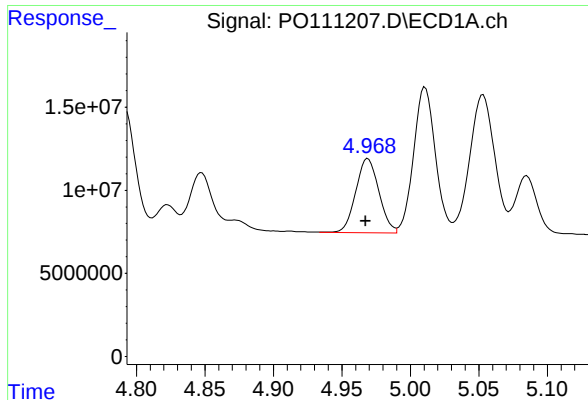
#18 AR-1242-3

R.T.: 4.848 min
Delta R.T.: 0.000 min
Response: 49209093
Conc: 264.58 ng/ml



#18 AR-1242-3

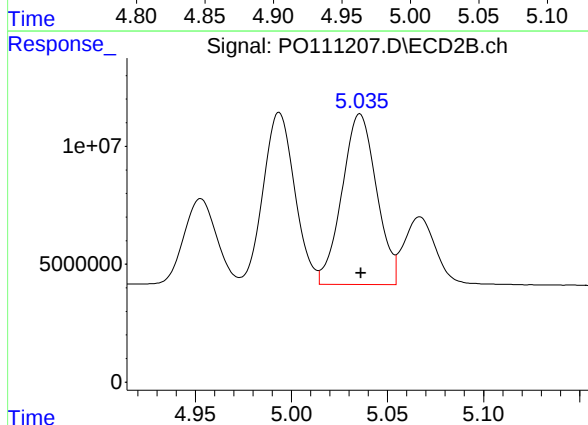
R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 42704030
Conc: 345.45 ng/ml



#19 AR-1242-4

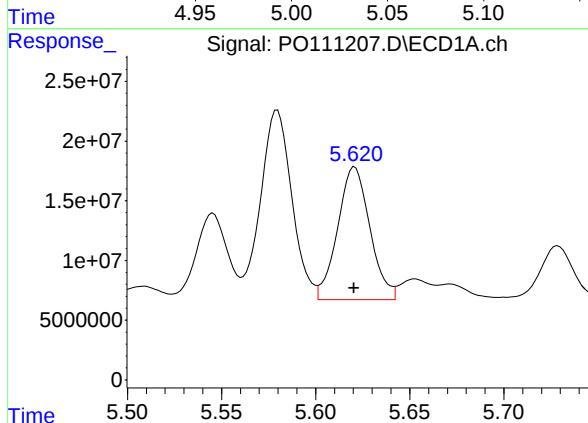
R.T.: 4.969 min
Delta R.T.: 0.002 min
Response: 52703323
Conc: 356.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



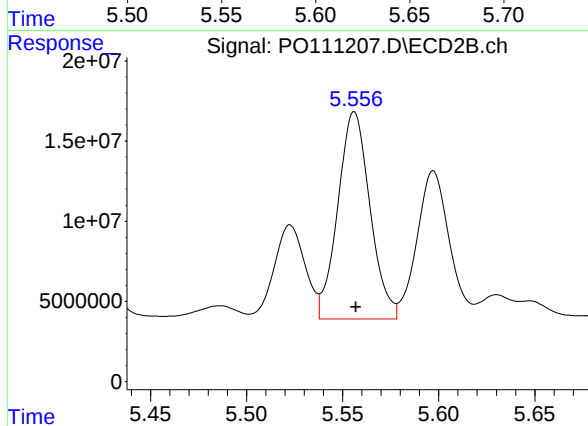
#19 AR-1242-4

R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 90294234
Conc: 730.45 ng/ml



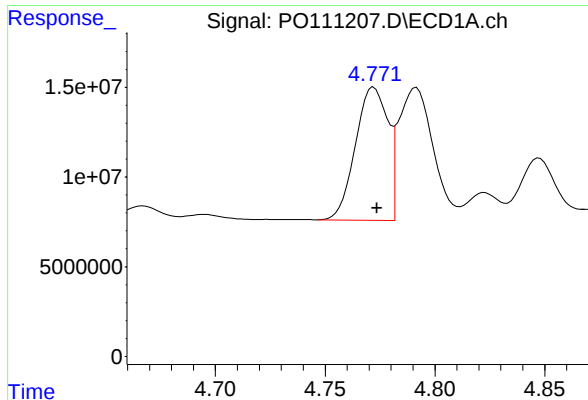
#20 AR-1242-5

R.T.: 5.621 min
Delta R.T.: 0.000 min
Response: 132685917
Conc: 853.06 ng/ml



#20 AR-1242-5

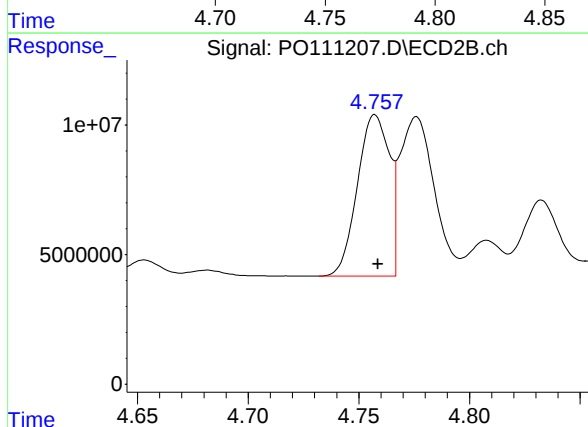
R.T.: 5.556 min
Delta R.T.: 0.000 min
Response: 150041901
Conc: 987.20 ng/ml



#21 AR-1248-1

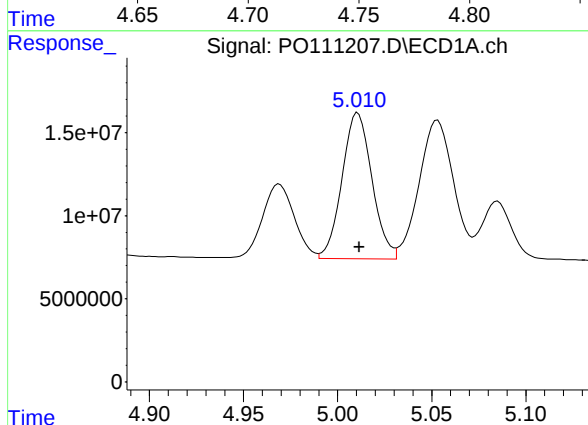
R.T.: 4.772 min
Delta R.T.: -0.001 min
Response: 76169245
Conc: 497.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



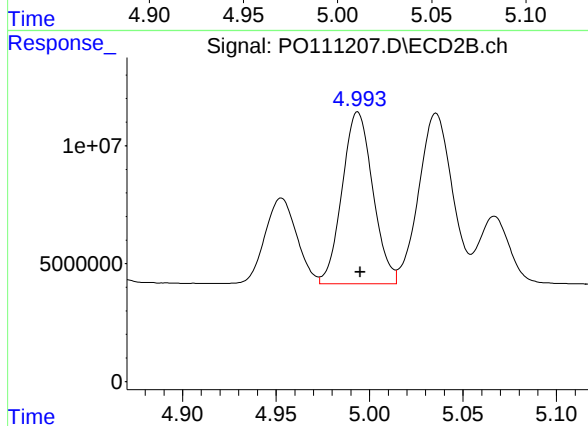
#21 AR-1248-1

R.T.: 4.757 min
Delta R.T.: -0.001 min
Response: 62719942
Conc: 483.47 ng/ml



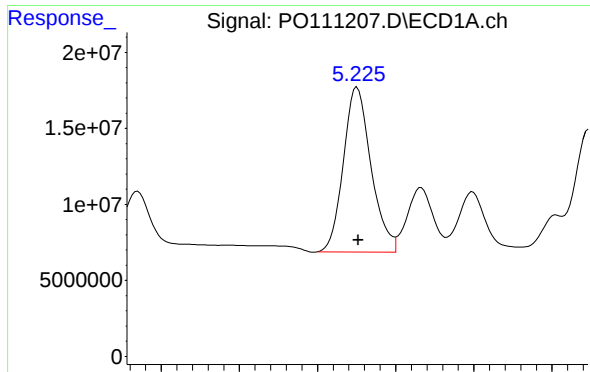
#22 AR-1248-2

R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 97522395
Conc: 486.35 ng/ml



#22 AR-1248-2

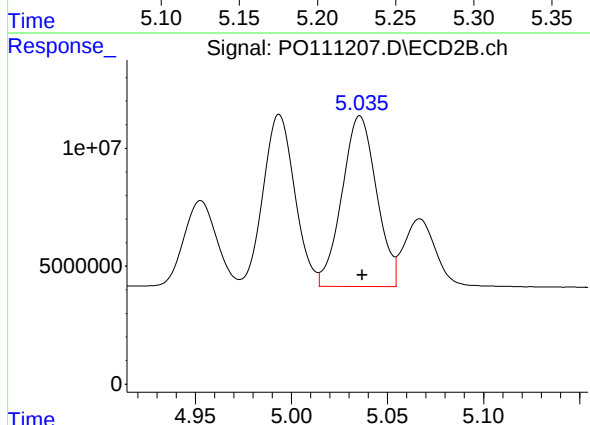
R.T.: 4.994 min
Delta R.T.: -0.001 min
Response: 83337571
Conc: 473.80 ng/ml



#23 AR-1248-3

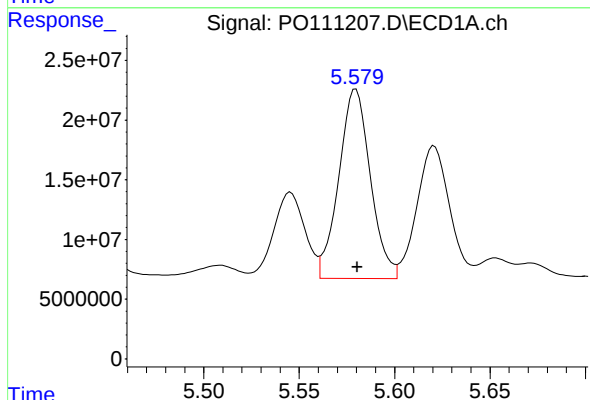
R.T.: 5.225 min
Delta R.T.: 0.000 min
Response: 133543820
Conc: 521.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



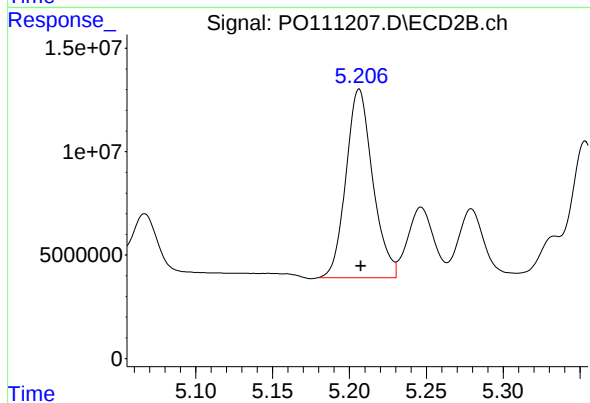
#23 AR-1248-3

R.T.: 5.036 min
Delta R.T.: -0.001 min
Response: 90294234
Conc: 481.28 ng/ml



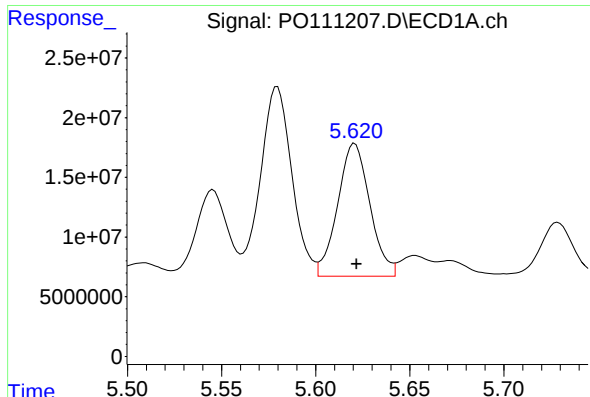
#24 AR-1248-4

R.T.: 5.580 min
Delta R.T.: 0.000 min
Response: 183183833
Conc: 505.78 ng/ml



#24 AR-1248-4

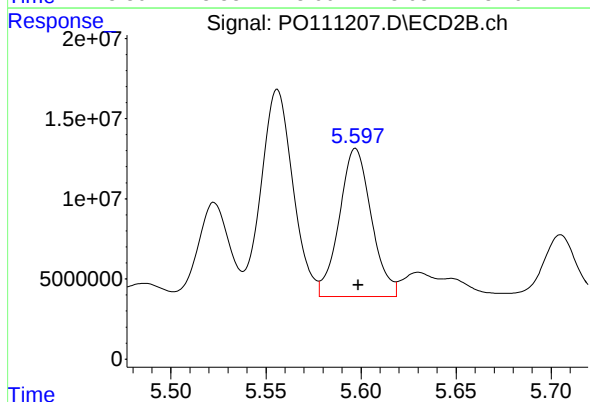
R.T.: 5.206 min
Delta R.T.: -0.001 min
Response: 109948306
Conc: 500.13 ng/ml



#25 AR-1248-5

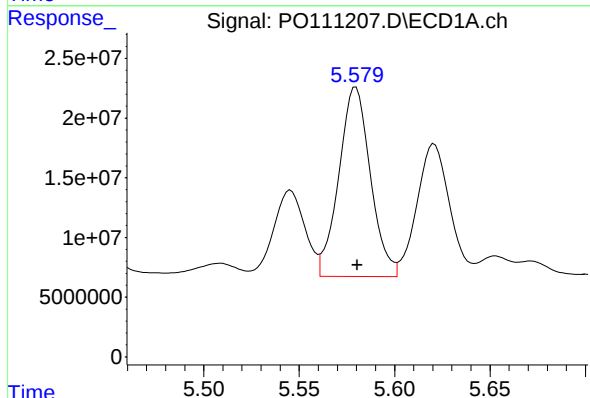
R.T.: 5.621 min
Delta R.T.: 0.000 min
Response: 132685917
Conc: 506.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



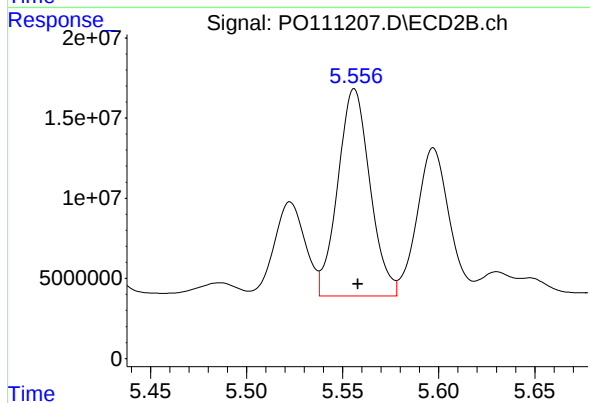
#25 AR-1248-5

R.T.: 5.597 min
Delta R.T.: -0.002 min
Response: 108278211
Conc: 495.95 ng/ml



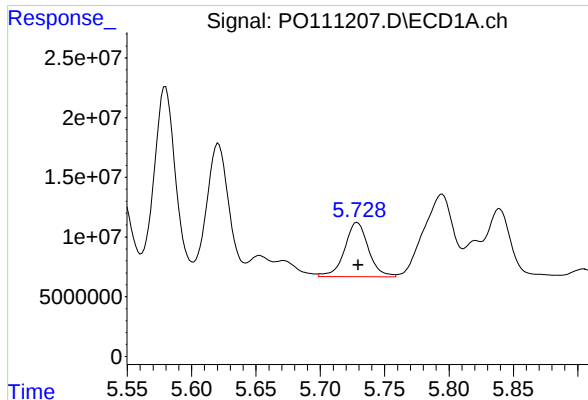
#26 AR-1254-1

R.T.: 5.580 min
Delta R.T.: 0.000 min
Response: 183183833
Conc: 482.60 ng/ml



#26 AR-1254-1

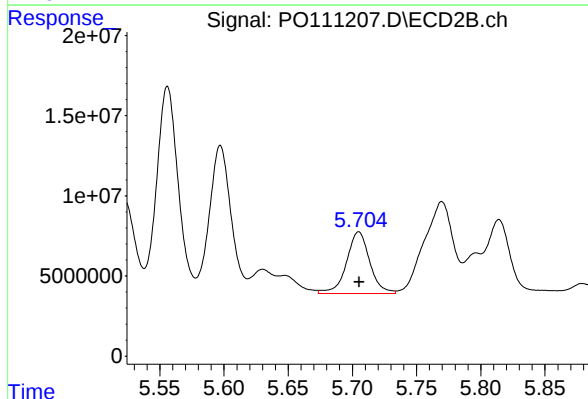
R.T.: 5.556 min
Delta R.T.: -0.002 min
Response: 150041901
Conc: 463.04 ng/ml



#27 AR-1254-2

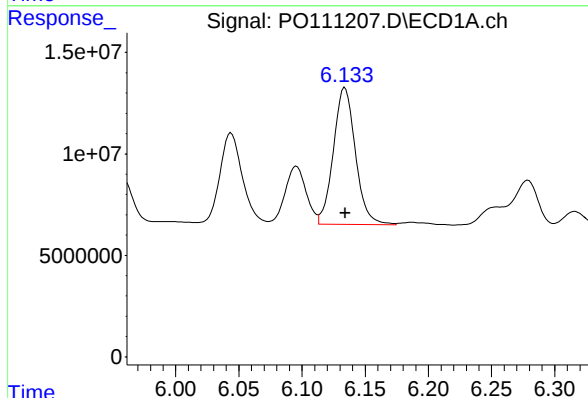
R.T.: 5.729 min
Delta R.T.: -0.001 min
Response: 58319671
Conc: 178.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



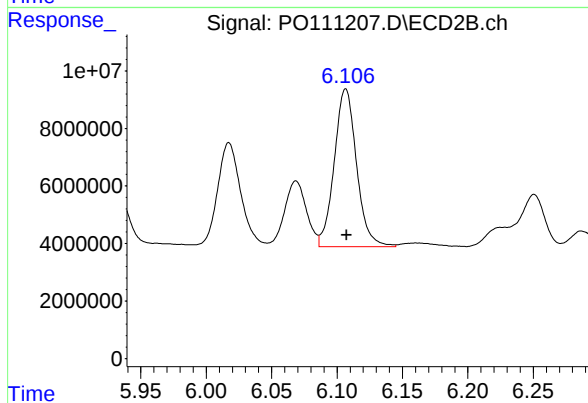
#27 AR-1254-2

R.T.: 5.705 min
Delta R.T.: 0.000 min
Response: 48575237
Conc: 171.50 ng/ml



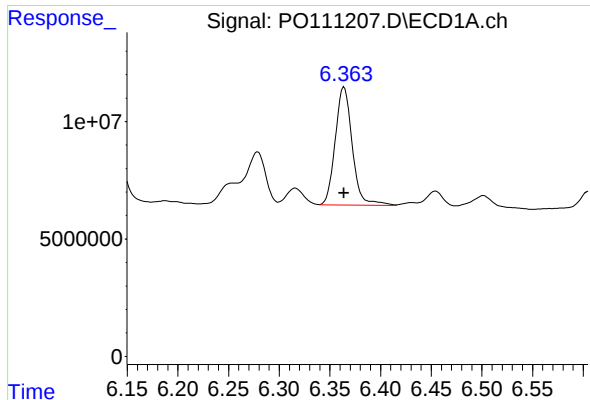
#28 AR-1254-3

R.T.: 6.134 min
Delta R.T.: 0.000 min
Response: 81901754
Conc: 155.66 ng/ml



#28 AR-1254-3

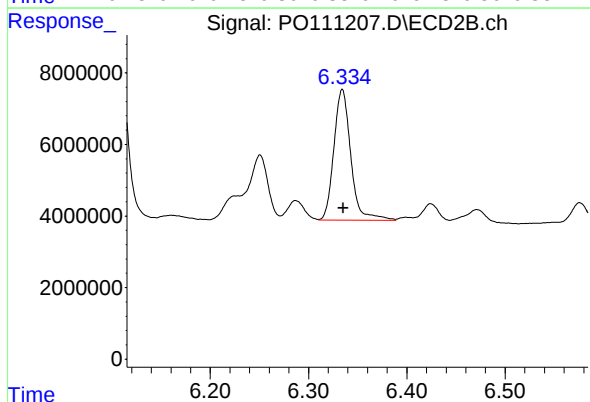
R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 65248124
Conc: 151.23 ng/ml



#29 AR-1254-4

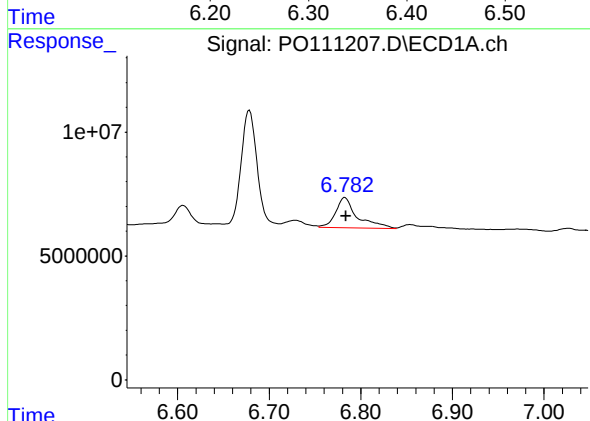
R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 58775094
Conc: 174.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



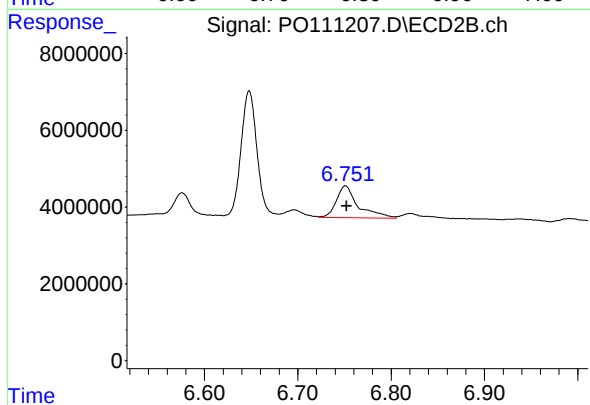
#29 AR-1254-4

R.T.: 6.334 min
Delta R.T.: -0.001 min
Response: 43743743
Conc: 176.85 ng/ml



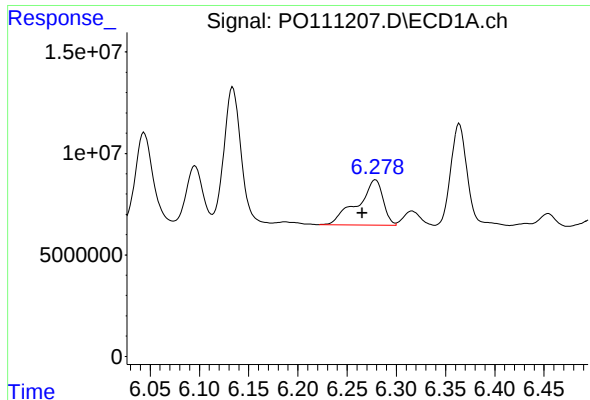
#30 AR-1254-5

R.T.: 6.783 min
Delta R.T.: -0.001 min
Response: 20249006
Conc: 42.68 ng/ml



#30 AR-1254-5

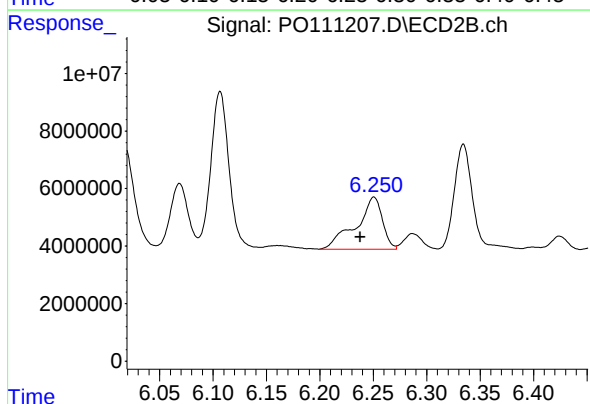
R.T.: 6.751 min
Delta R.T.: -0.001 min
Response: 13572246
Conc: 39.23 ng/ml



#31 AR-1260-1

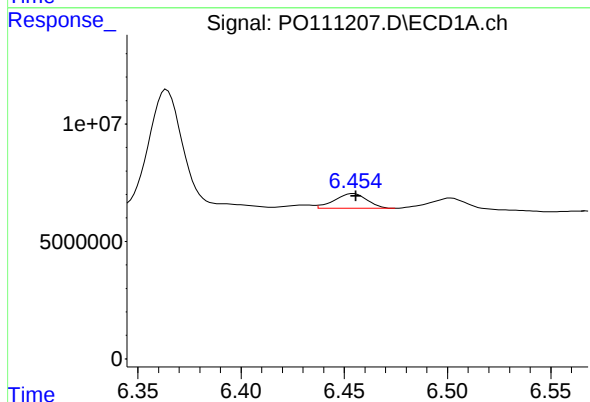
R.T.: 6.279 min
Delta R.T.: 0.013 min
Response: 40188703
Conc: 131.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



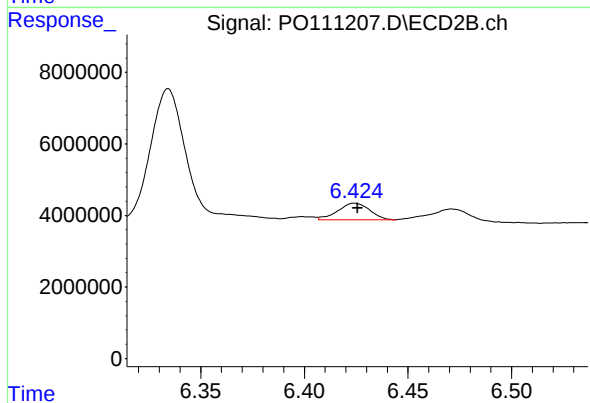
#31 AR-1260-1

R.T.: 6.251 min
Delta R.T.: 0.013 min
Response: 31489386
Conc: 126.01 ng/ml



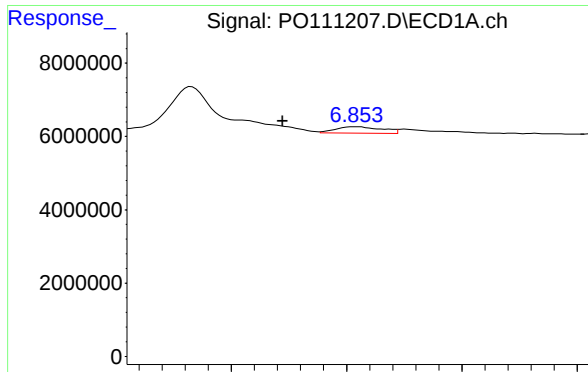
#32 AR-1260-2

R.T.: 6.454 min
Delta R.T.: -0.001 min
Response: 6793036
Conc: 17.74 ng/ml



#32 AR-1260-2

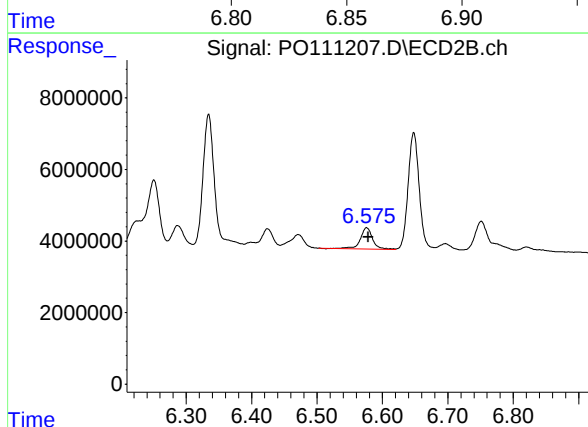
R.T.: 6.424 min
Delta R.T.: -0.001 min
Response: 4916352
Conc: 16.71 ng/ml



#33 AR-1260-3

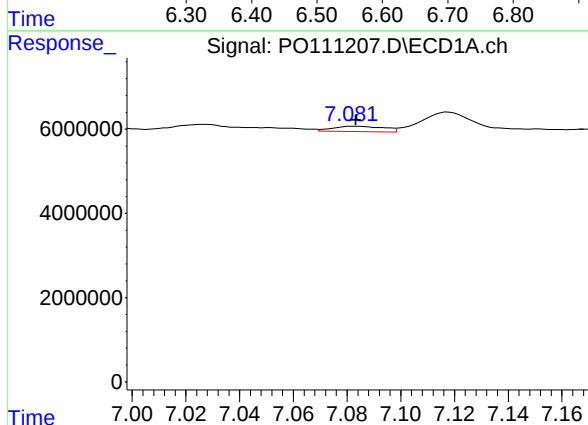
R.T.: 6.854 min
Delta R.T.: 0.032 min
Response: 2452271
Conc: 7.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



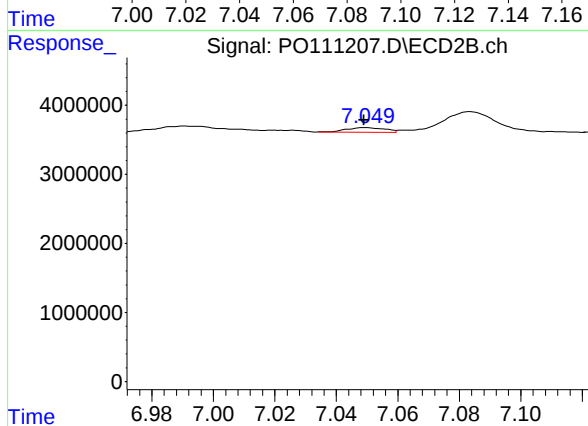
#33 AR-1260-3

R.T.: 6.576 min
Delta R.T.: -0.003 min
Response: 7632249
Conc: 26.62 ng/ml



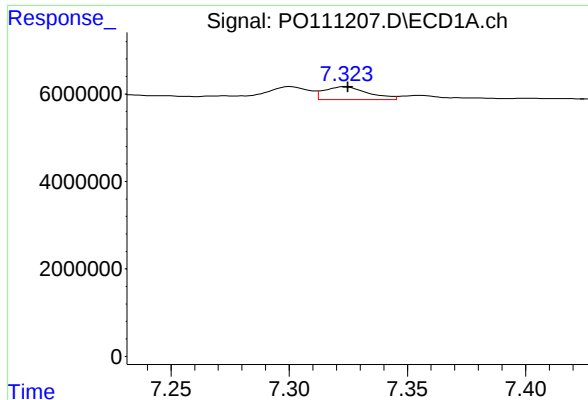
#34 AR-1260-4

R.T.: 7.083 min
Delta R.T.: 0.000 min
Response: 1693208
Conc: 6.05 ng/ml



#34 AR-1260-4

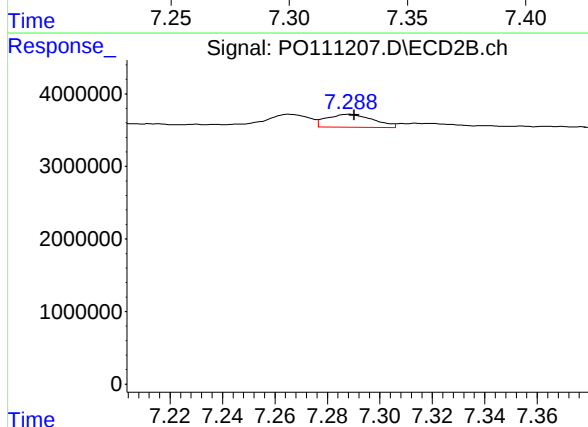
R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 581071
Conc: 2.89 ng/ml



#35 AR-1260-5

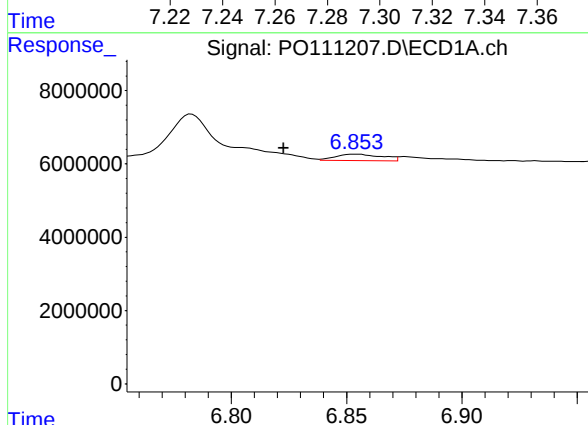
R.T.: 7.324 min
Delta R.T.: -0.001 min
Response: 3794473
Conc: 5.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



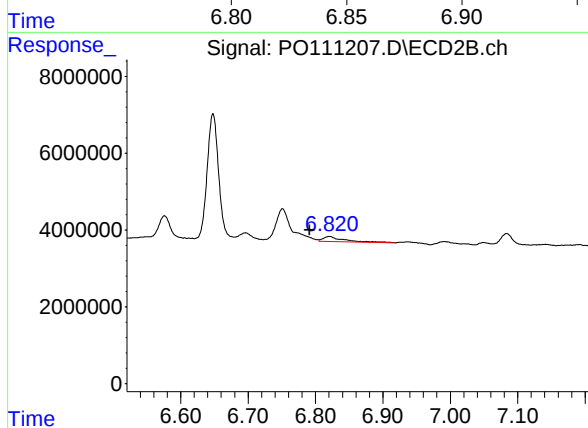
#35 AR-1260-5

R.T.: 7.288 min
Delta R.T.: -0.002 min
Response: 2161700
Conc: 4.70 ng/ml



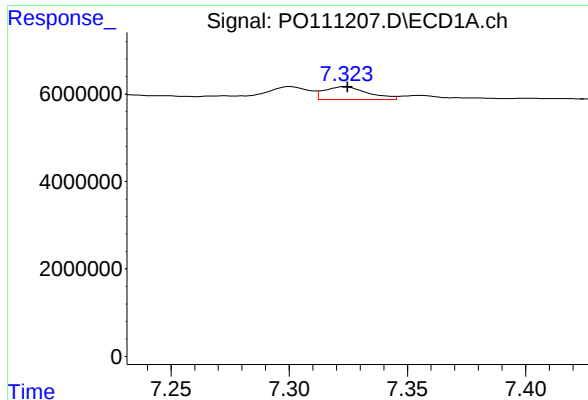
#36 AR-1262-1

R.T.: 6.854 min
Delta R.T.: 0.031 min
Response: 2452271
Conc: 5.04 ng/ml



#36 AR-1262-1

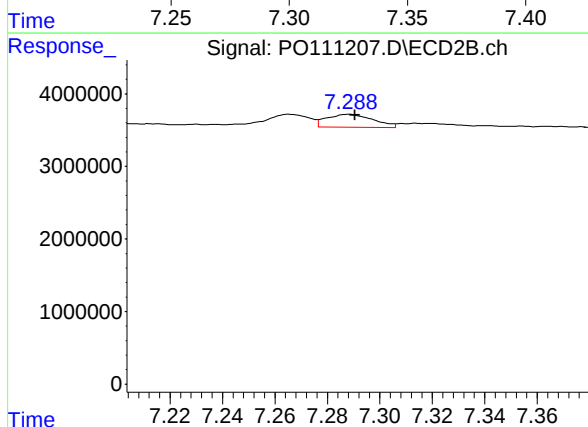
R.T.: 6.820 min
Delta R.T.: 0.029 min
Response: 2835501
Conc: 8.32 ng/ml



#37 AR-1262-2

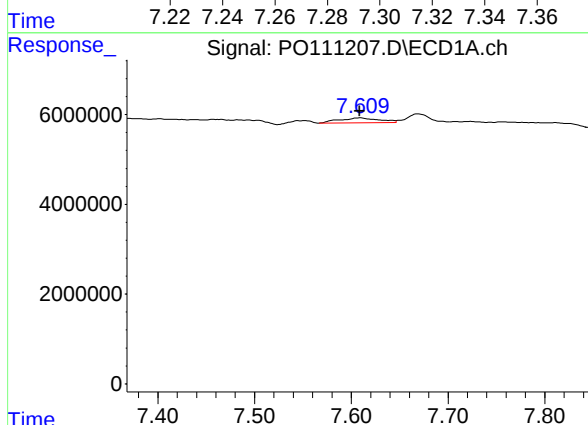
R.T.: 7.324 min
Delta R.T.: -0.001 min
Response: 3794473
Conc: 4.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



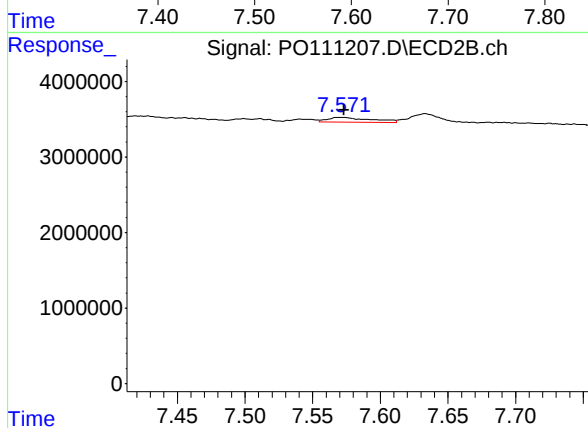
#37 AR-1262-2

R.T.: 7.288 min
Delta R.T.: -0.003 min
Response: 2161700
Conc: 4.30 ng/ml



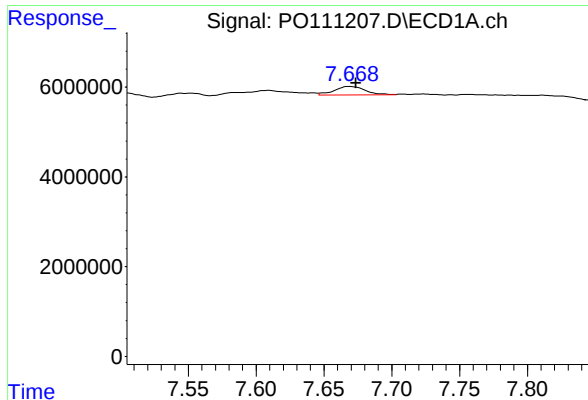
#38 AR-1262-3

R.T.: 7.609 min
Delta R.T.: 0.000 min
Response: 3186781
Conc: 9.42 ng/ml



#38 AR-1262-3

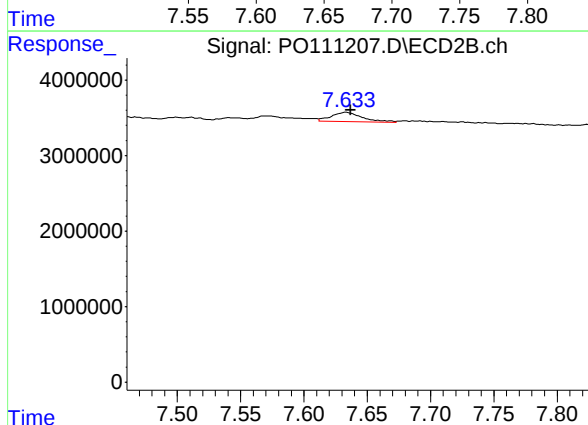
R.T.: 7.571 min
Delta R.T.: -0.002 min
Response: 1427355
Conc: 7.61 ng/ml



#39 AR-1262-4

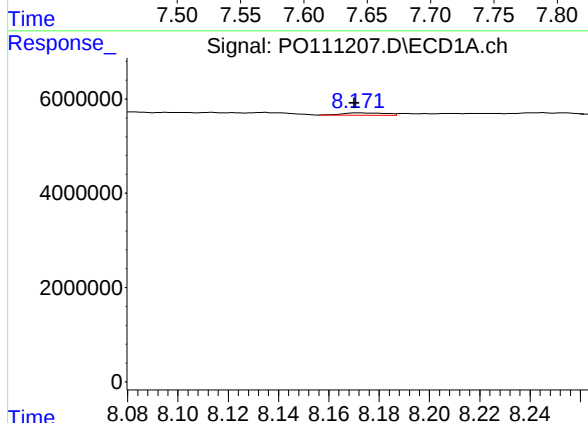
R.T.: 7.669 min
Delta R.T.: -0.004 min
Response: 2951753
Conc: 5.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



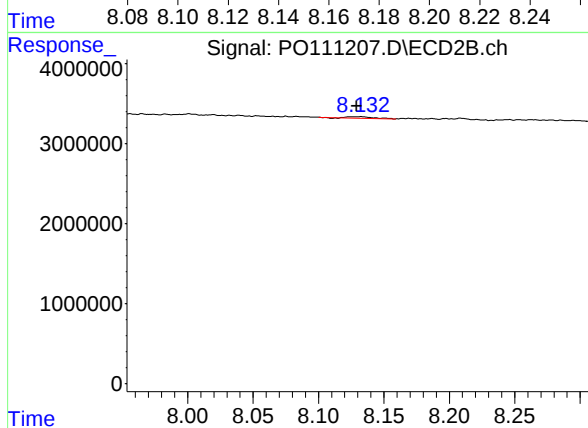
#39 AR-1262-4

R.T.: 7.633 min
Delta R.T.: -0.004 min
Response: 2113114
Conc: 6.40 ng/ml



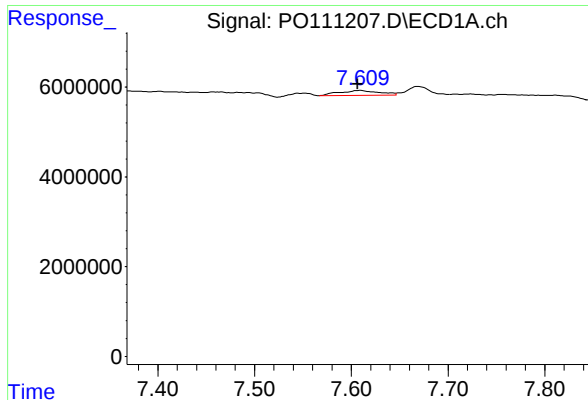
#40 AR-1262-5

R.T.: 8.172 min
Delta R.T.: 0.002 min
Response: 605880
Conc: 2.12 ng/ml



#40 AR-1262-5

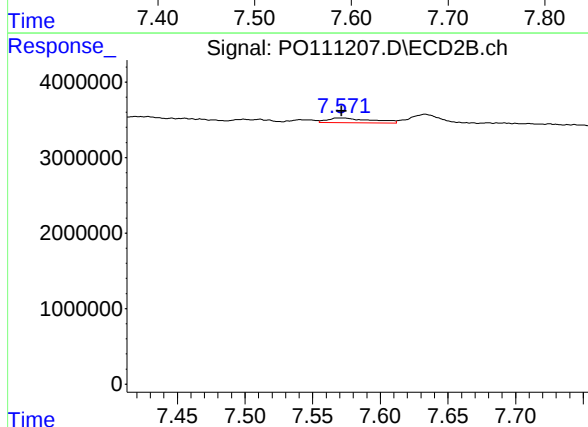
R.T.: 8.133 min
Delta R.T.: 0.003 min
Response: 233761
Conc: 2.08 ng/ml



#41 AR-1268-1

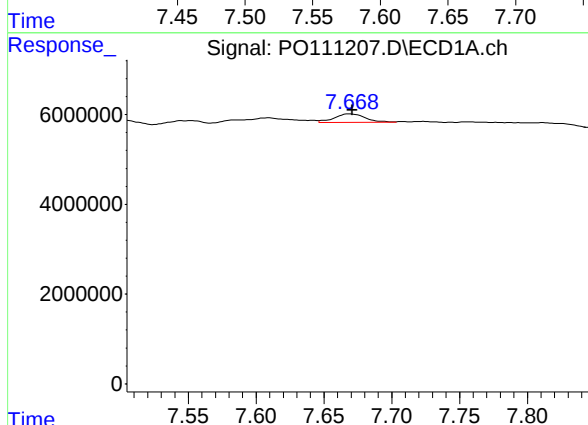
R.T.: 7.609 min
Delta R.T.: 0.002 min
Response: 3186781
Conc: 3.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



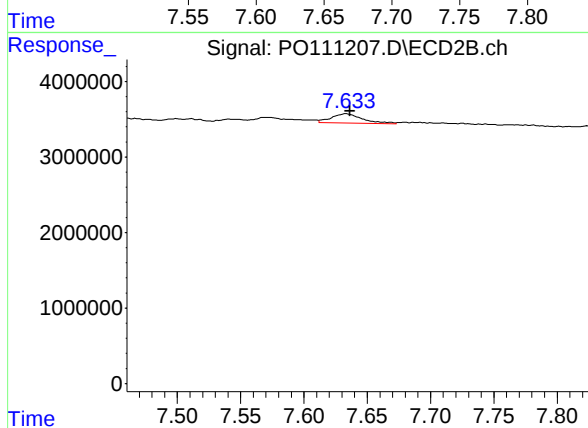
#41 AR-1268-1

R.T.: 7.571 min
Delta R.T.: 0.000 min
Response: 1427355
Conc: 2.69 ng/ml



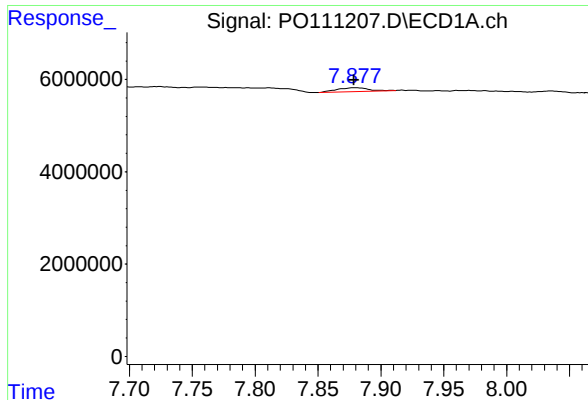
#42 AR-1268-2

R.T.: 7.669 min
Delta R.T.: -0.002 min
Response: 2951753
Conc: 3.31 ng/ml



#42 AR-1268-2

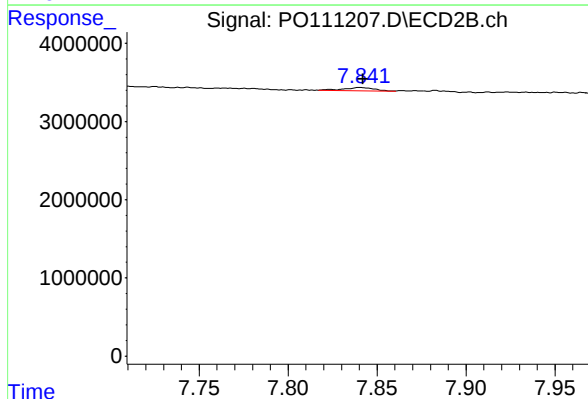
R.T.: 7.633 min
Delta R.T.: -0.003 min
Response: 2113114
Conc: 4.38 ng/ml



#43 AR-1268-3

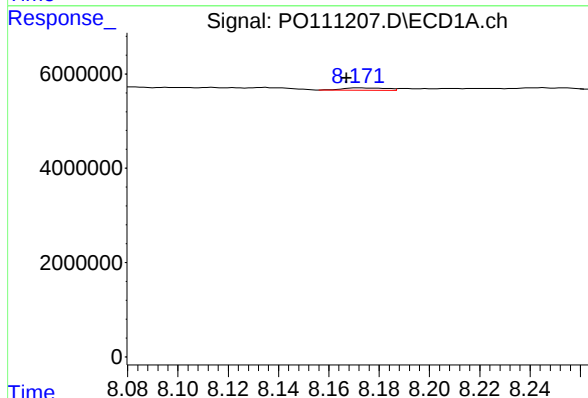
R.T.: 7.879 min
Delta R.T.: 0.000 min
Response: 1486128
Conc: 1.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



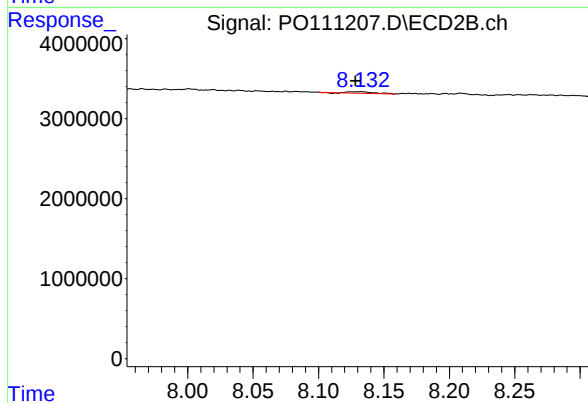
#43 AR-1268-3

R.T.: 7.840 min
Delta R.T.: -0.002 min
Response: 522674
Conc: 1.50 ng/ml



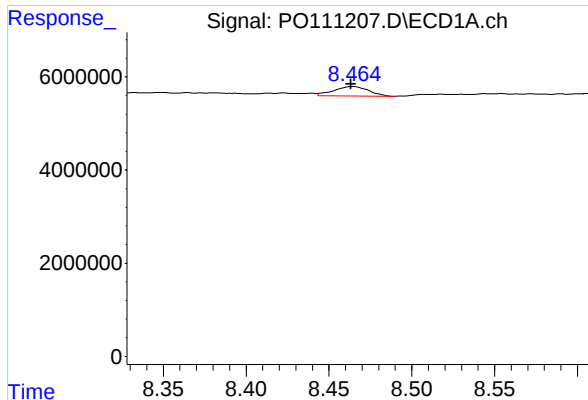
#44 AR-1268-4

R.T.: 8.172 min
Delta R.T.: 0.005 min
Response: 605880
Conc: 1.86 ng/ml



#44 AR-1268-4

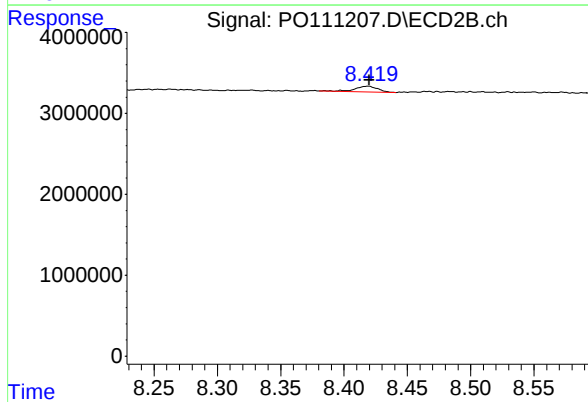
R.T.: 8.133 min
Delta R.T.: 0.004 min
Response: 233761
Conc: 1.84 ng/ml



#45 AR-1268-5

R.T.: 8.464 min
Delta R.T.: 0.001 min
Response: 2951971
Conc: 1.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.419 min
Delta R.T.: 0.000 min
Response: 879861
Conc: 1.17 ng/ml