

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0042524\
 Data File : P0103196.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Apr 2024 14:24
 Operator : YP/AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 26 01:17:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0042224.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 23 02:20:10 2024
 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...	4.250	3.369	254.9E6	120.3E6	50.541	43.462
2) SA Decachlor...	9.766	8.220	163.8E6	87126803	56.392	50.747
Target Compounds						
3) L1 AR-1016-1	5.392	4.416	59638658	28924533	406.228	367.809
4) L1 AR-1016-2	5.413	4.434	88189224	44438136	408.387	378.665
5) L1 AR-1016-3	5.474	4.605	54015819	26255738	397.160	423.894
6) L1 AR-1016-4	5.572	4.646	43657864	21350536	404.419	403.051
7) L1 AR-1016-5	5.860	4.853	42920155	28838507	409.481	422.944
8) L2 AR-1221-1	4.450	3.573	6481004	3276939	111.581	104.788
9) L2 AR-1221-2	4.540	3.658	10022730	4897001	236.462	206.378
10) L2 AR-1221-3	4.613	3.730	33512581	16902548	263.000	238.307
11) L3 AR-1232-1	4.613	3.730	33512581	16902548	334.840	295.646
12) L3 AR-1232-2	5.130	4.434	46233036	44438136	813.051	814.167
13) L3 AR-1232-3	5.413	4.605	88189224	26255738	895.369	920.316
14) L3 AR-1232-4	5.572	4.686	43657864	25533631	910.081	942.904
15) L3 AR-1232-5	5.660	4.853	39926929	28838507	992.672	991.116
16) L4 AR-1242-1	5.392	4.416	59638658	28924533	488.970	436.308
17) L4 AR-1242-2	5.413	4.434	88189224	44438136	492.418	455.533
18) L4 AR-1242-3	5.474	4.605	54015819	26255738	477.735	489.827
19) L4 AR-1242-4	5.572	4.686	43657864	25533631	489.023	462.988
20) L4 AR-1242-5	6.295	5.196	41363054	31310577	494.932	494.738
21) L5 AR-1248-1	5.392	4.416	59638658	28924533	667.136	582.452
22) L5 AR-1248-2	5.660	4.646	39926929	21350536	289.415	283.657
23) L5 AR-1248-3	5.860	4.686	42920155	25533631	302.551	328.712
24) L5 AR-1248-4	6.258	4.853	40707199	28838507	287.174	321.562
25) L5 AR-1248-5	6.295	5.237	41363054	24515884	300.862	305.795
26) L6 AR-1254-1	6.230	5.196	33848464	31310577	213.251	232.779
27) L6 AR-1254-2	6.450	5.341	36731664	12314261	156.829	104.199 #
28) L6 AR-1254-3	6.809	5.736	17569611	12638438	75.828	72.176
29) L6 AR-1254-4	7.089	5.962	11107700	8340550	74.867	82.223
30) L6 AR-1254-5	7.504	6.371	5943085	5126521	35.734	34.027
31) L7 AR-1260-1	6.968	5.861	3412395	3829600	19.261	30.118 #
32) L7 AR-1260-2	7.222	6.048	5396586	3184555	27.209	20.735
33) L7 AR-1260-3	7.597	6.197	134374	3185456	0.950	22.859 #
34) L7 AR-1260-4	7.790	6.661	2342025	331842	15.066	3.017 #
35) L7 AR-1260-5	8.106	6.901	1405983	713188	4.713	2.780 #
36) L8 AR-1262-1	7.504	6.371	5943085	5126521	43.565	63.290 #
37) L8 AR-1262-2	8.106	6.661	1405983	331842	4.196	2.314 #
38) L8 AR-1262-3	8.409	7.195	758557	288412	3.431	2.377 #
39) L8 AR-1262-4	8.488	7.242	100351	1007245	0.577	4.893 #
40) L8 AR-1262-5	9.088	7.743	187099	22488	1.594	0.256 #
41) L9 AR-1268-1	8.409	7.174	758557	168028	1.922	0.474 #

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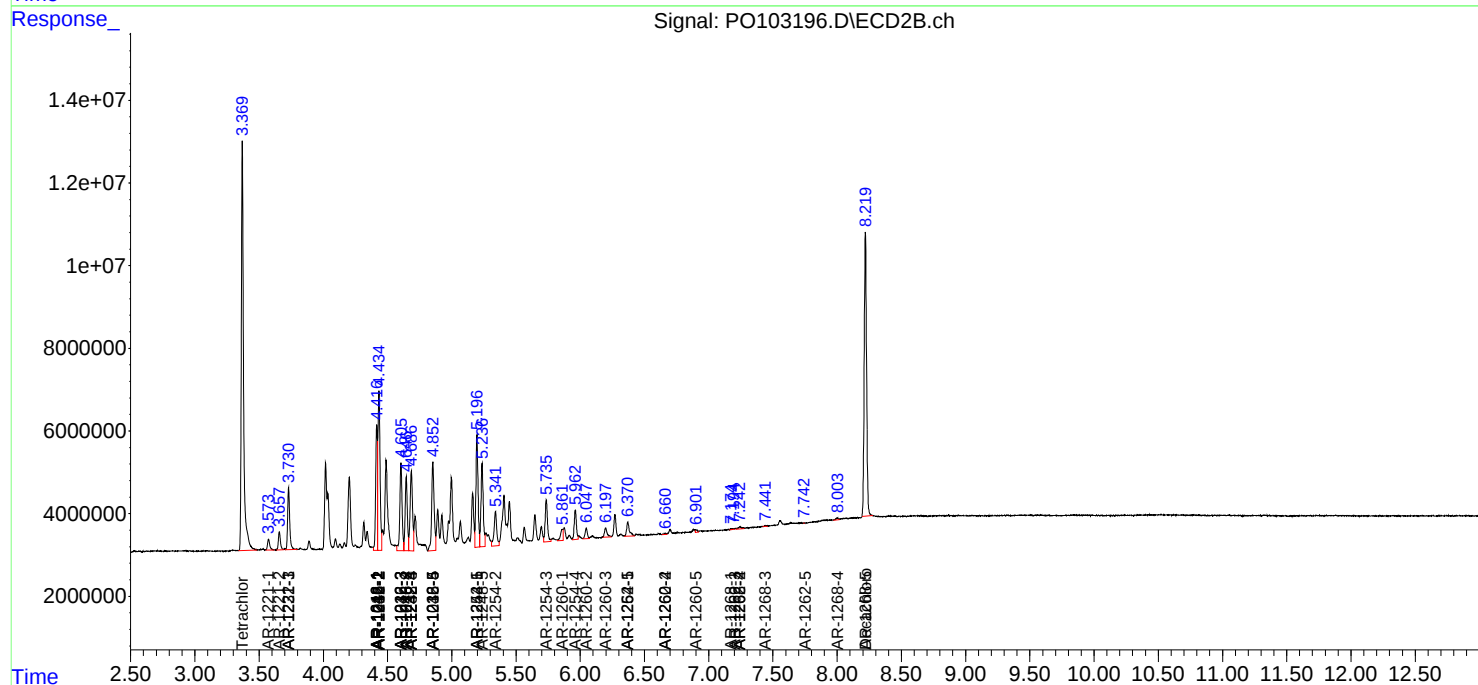
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

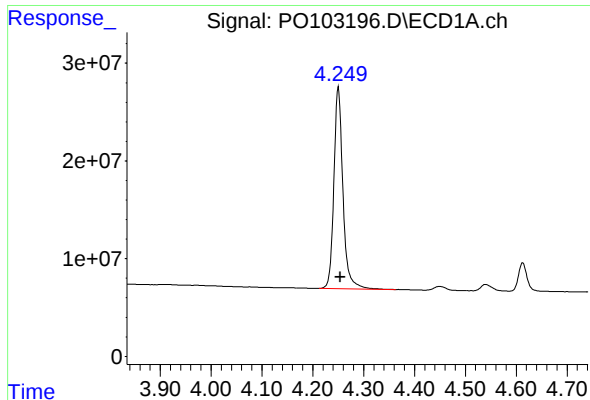
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.488	7.242	100351	1007245	0.269	3.168 #
43) L9	AR-1268-3	8.693	7.440	682335	179182	2.060	0.660 #
44) L9	AR-1268-4	9.088	8.003	187099	595575	1.435	0.822 #
45) L9	AR-1268-5	9.461	8.220	675454	87126803	0.643	281.056 #

(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

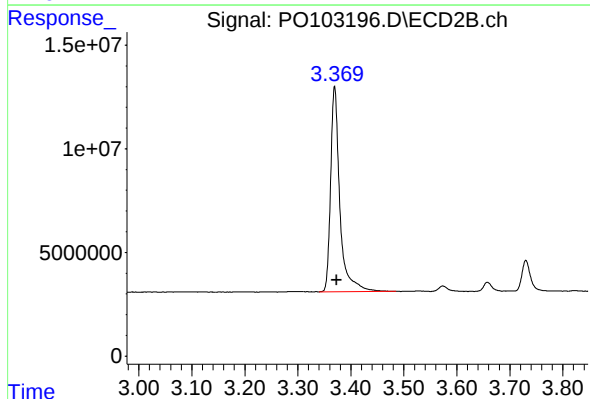




#1 Tetrachloro-m-xylene

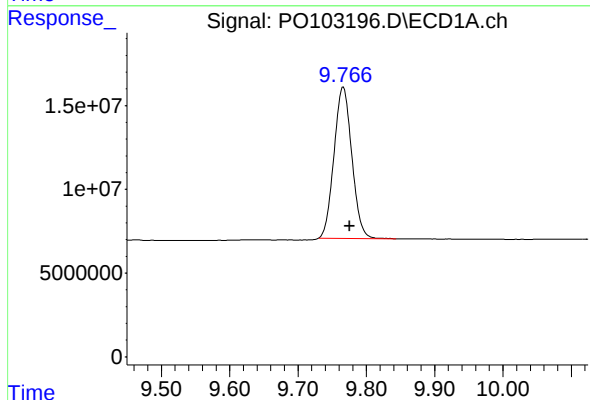
R.T.: 4.250 min
Delta R.T.: -0.004 min
Response: 254900997
Conc: 50.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



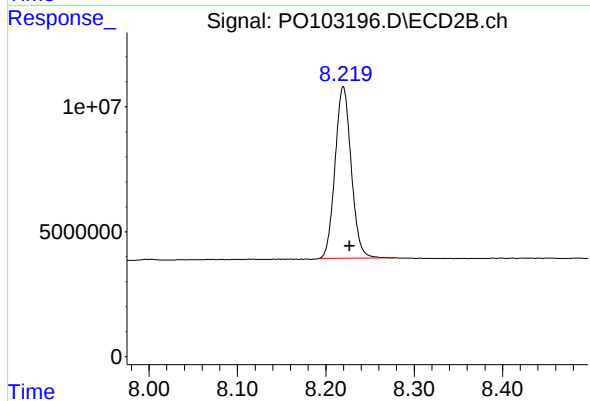
#1 Tetrachloro-m-xylene

R.T.: 3.369 min
Delta R.T.: -0.004 min
Response: 120283155
Conc: 43.46 ng/ml



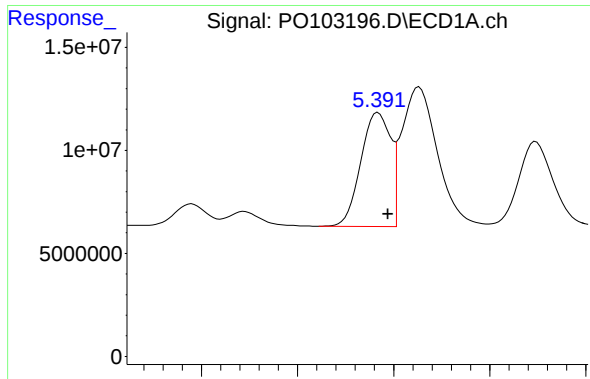
#2 Decachlorobiphenyl

R.T.: 9.766 min
Delta R.T.: -0.010 min
Response: 163750575
Conc: 56.39 ng/ml



#2 Decachlorobiphenyl

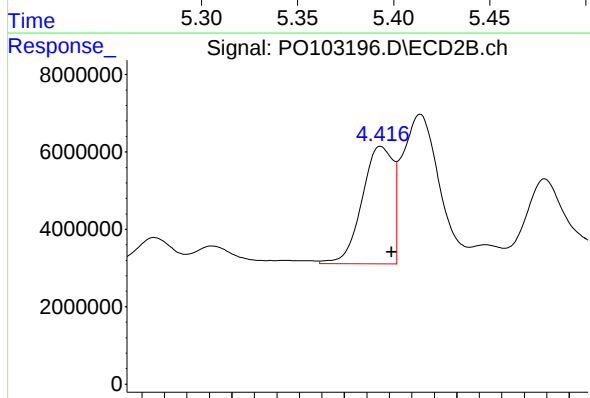
R.T.: 8.220 min
Delta R.T.: -0.007 min
Response: 87126803
Conc: 50.75 ng/ml



#3 AR-1016-1

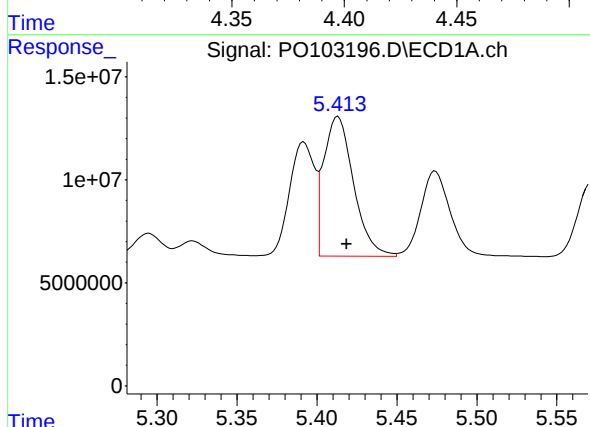
R.T.: 5.392 min
Delta R.T.: -0.005 min
Response: 59638658
Conc: 406.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



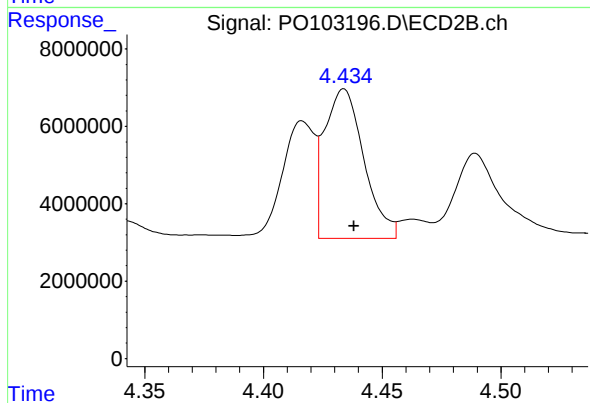
#3 AR-1016-1

R.T.: 4.416 min
Delta R.T.: -0.005 min
Response: 28924533
Conc: 367.81 ng/ml



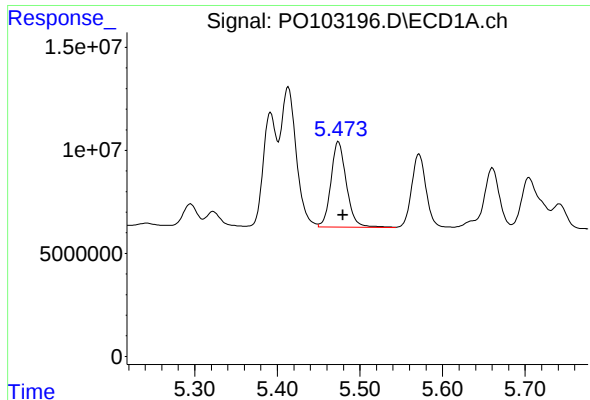
#4 AR-1016-2

R.T.: 5.413 min
Delta R.T.: -0.005 min
Response: 88189224
Conc: 408.39 ng/ml



#4 AR-1016-2

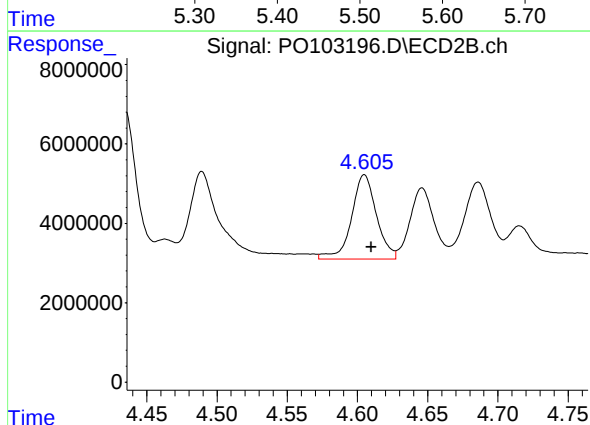
R.T.: 4.434 min
Delta R.T.: -0.004 min
Response: 44438136
Conc: 378.66 ng/ml



#5 AR-1016-3

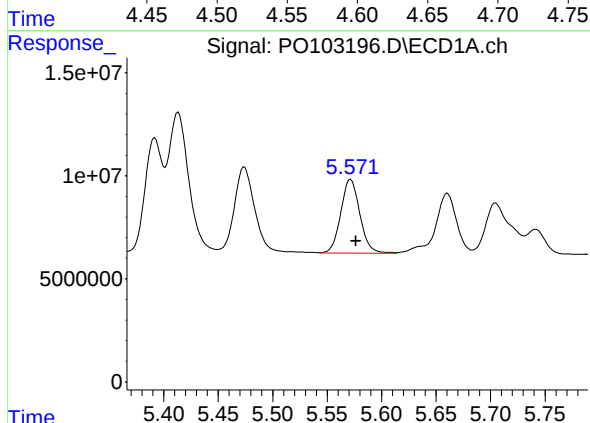
R.T.: 5.474 min
Delta R.T.: -0.006 min
Response: 54015819
Conc: 397.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



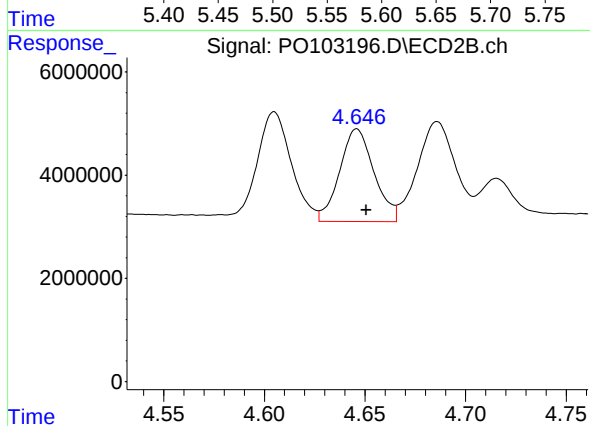
#5 AR-1016-3

R.T.: 4.605 min
Delta R.T.: -0.005 min
Response: 26255738
Conc: 423.89 ng/ml



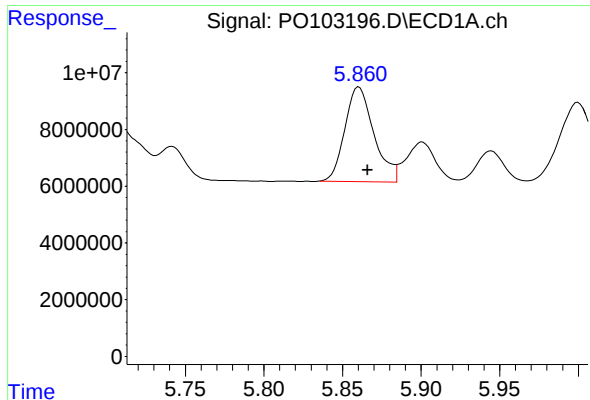
#6 AR-1016-4

R.T.: 5.572 min
Delta R.T.: -0.005 min
Response: 43657864
Conc: 404.42 ng/ml



#6 AR-1016-4

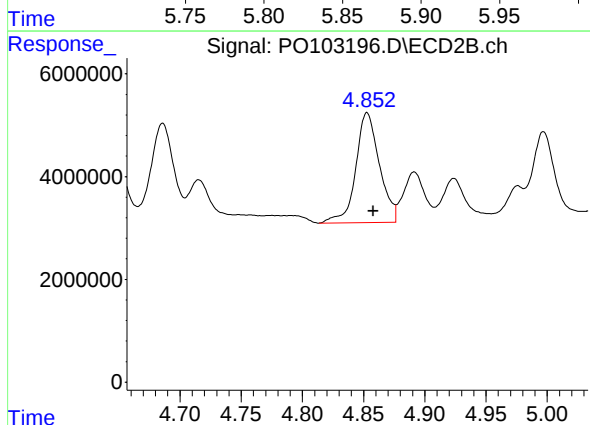
R.T.: 4.646 min
Delta R.T.: -0.005 min
Response: 21350536
Conc: 403.05 ng/ml



#7 AR-1016-5

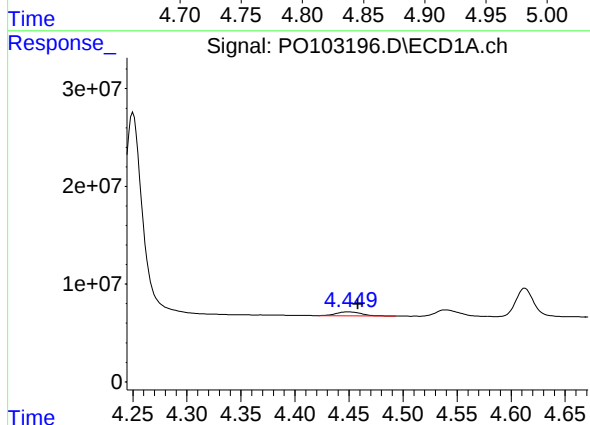
R.T.: 5.860 min
Delta R.T.: -0.006 min
Response: 42920155
Conc: 409.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



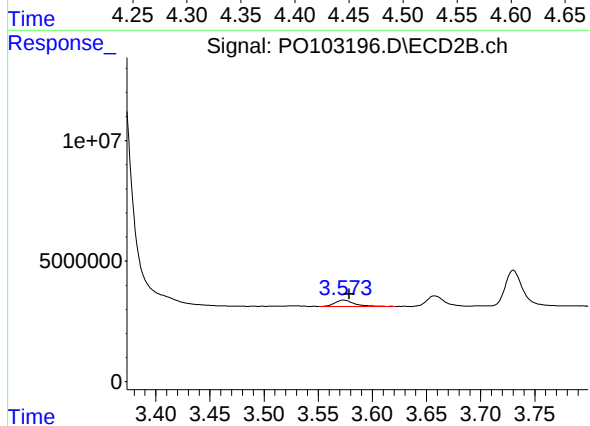
#7 AR-1016-5

R.T.: 4.853 min
Delta R.T.: -0.005 min
Response: 28838507
Conc: 422.94 ng/ml



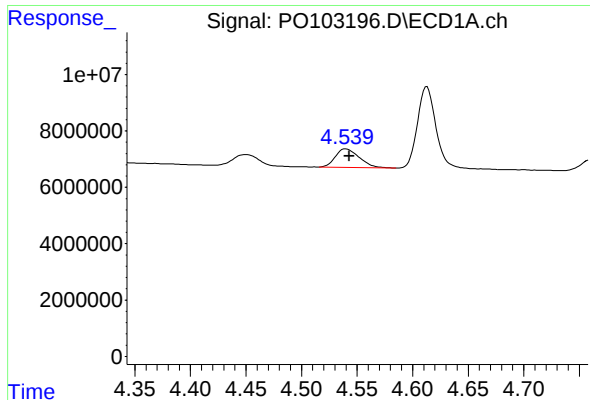
#8 AR-1221-1

R.T.: 4.450 min
Delta R.T.: -0.009 min
Response: 6481004
Conc: 111.58 ng/ml



#8 AR-1221-1

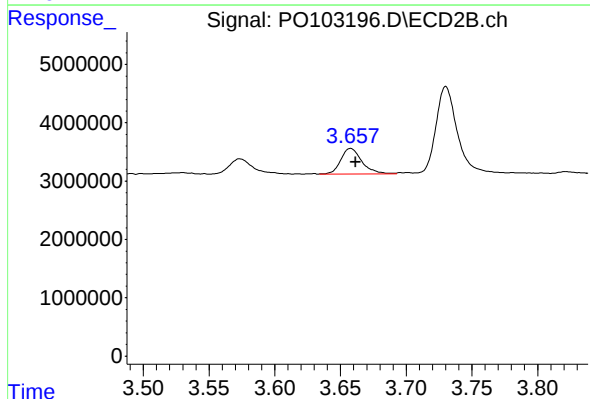
R.T.: 3.573 min
Delta R.T.: -0.005 min
Response: 3276939
Conc: 104.79 ng/ml



#9 AR-1221-2

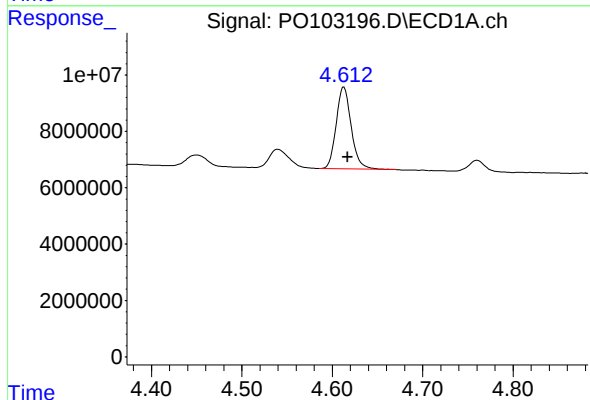
R.T.: 4.540 min
Delta R.T.: -0.003 min
Response: 10022730
Conc: 236.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



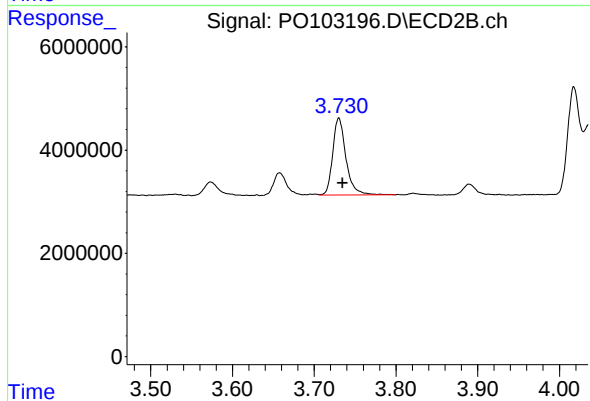
#9 AR-1221-2

R.T.: 3.658 min
Delta R.T.: -0.004 min
Response: 4897001
Conc: 206.38 ng/ml



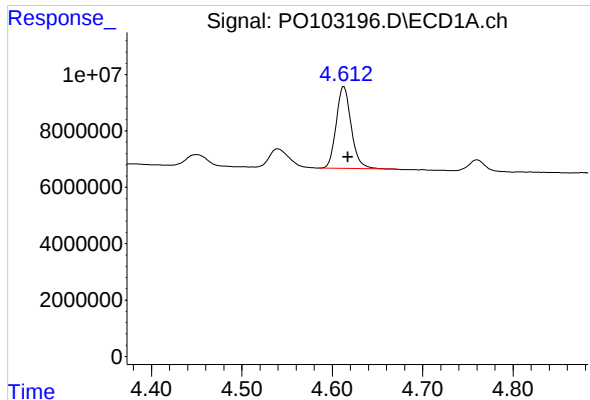
#10 AR-1221-3

R.T.: 4.613 min
Delta R.T.: -0.004 min
Response: 33512581
Conc: 263.00 ng/ml



#10 AR-1221-3

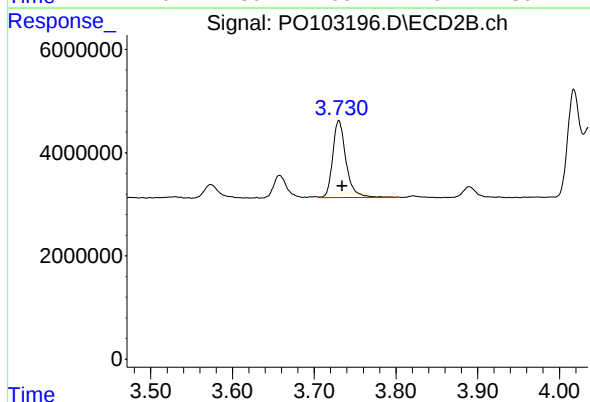
R.T.: 3.730 min
Delta R.T.: -0.005 min
Response: 16902548
Conc: 238.31 ng/ml



#11 AR-1232-1

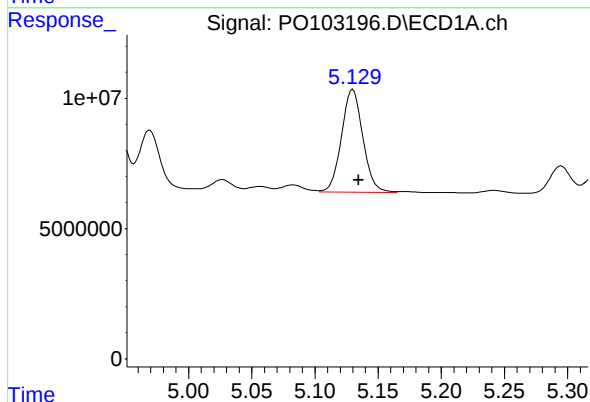
R.T.: 4.613 min
Delta R.T.: -0.005 min
Response: 33512581
Conc: 334.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



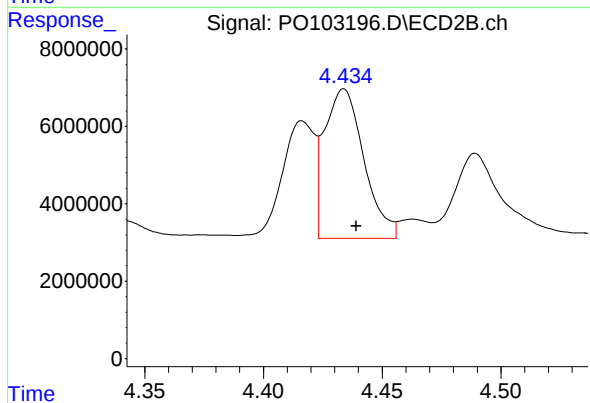
#11 AR-1232-1

R.T.: 3.730 min
Delta R.T.: -0.005 min
Response: 16902548
Conc: 295.65 ng/ml



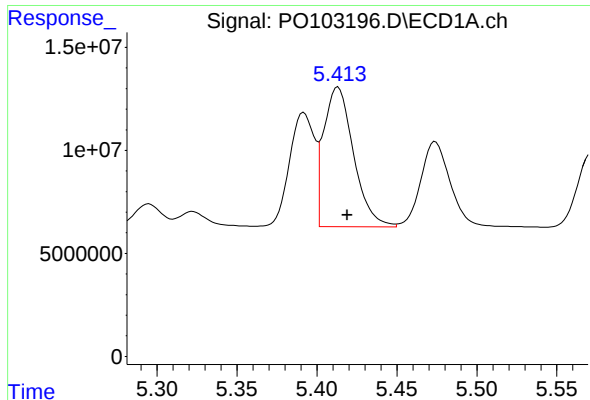
#12 AR-1232-2

R.T.: 5.130 min
Delta R.T.: -0.005 min
Response: 46233036
Conc: 813.05 ng/ml



#12 AR-1232-2

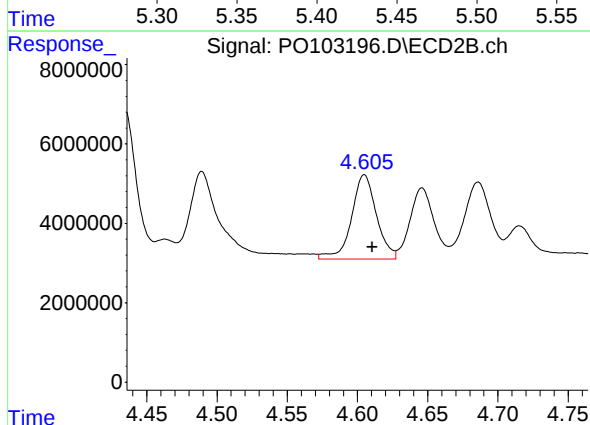
R.T.: 4.434 min
Delta R.T.: -0.005 min
Response: 44438136
Conc: 814.17 ng/ml



#13 AR-1232-3

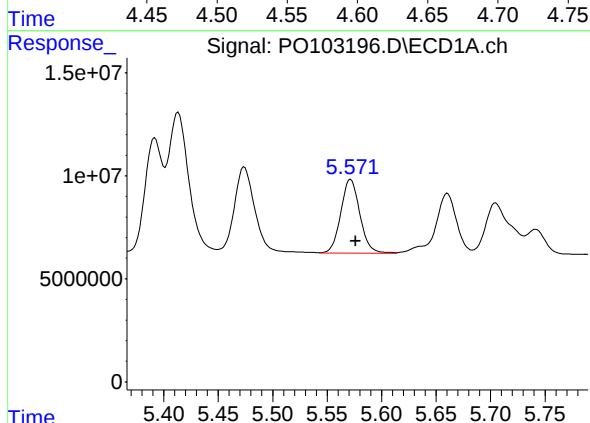
R.T.: 5.413 min
Delta R.T.: -0.006 min
Response: 88189224
Conc: 895.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



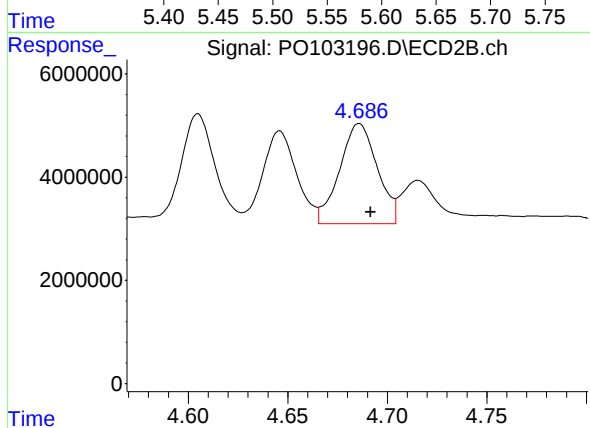
#13 AR-1232-3

R.T.: 4.605 min
Delta R.T.: -0.006 min
Response: 26255738
Conc: 920.32 ng/ml



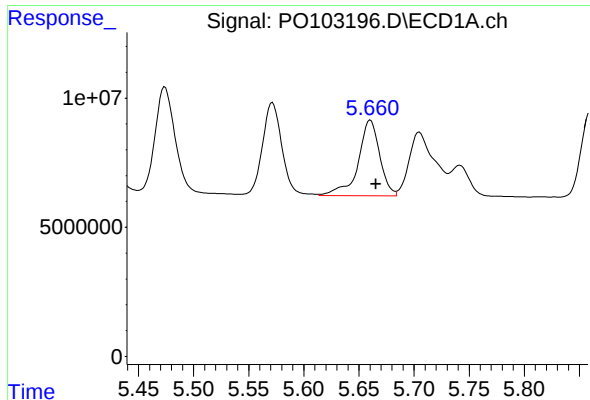
#14 AR-1232-4

R.T.: 5.572 min
Delta R.T.: -0.005 min
Response: 43657864
Conc: 910.08 ng/ml



#14 AR-1232-4

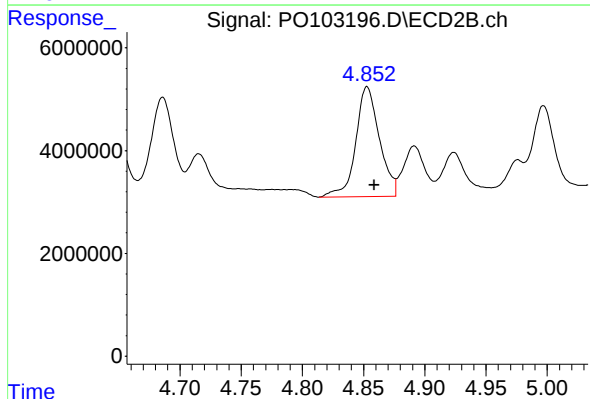
R.T.: 4.686 min
Delta R.T.: -0.006 min
Response: 25533631
Conc: 942.90 ng/ml



#15 AR-1232-5

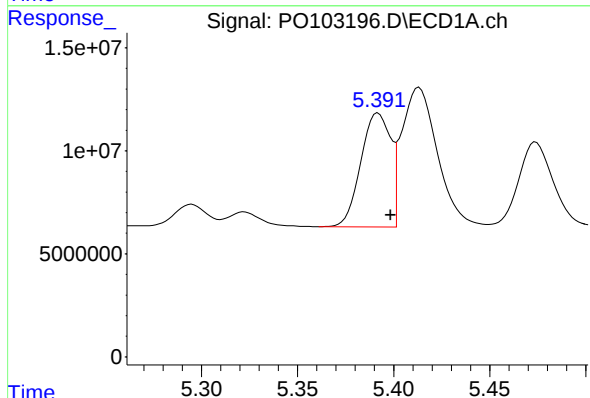
R.T.: 5.660 min
Delta R.T.: -0.005 min
Response: 39926929
Conc: 992.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



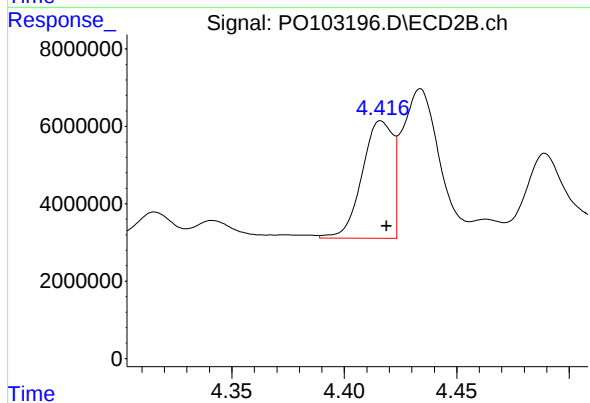
#15 AR-1232-5

R.T.: 4.853 min
Delta R.T.: -0.006 min
Response: 28838507
Conc: 991.12 ng/ml



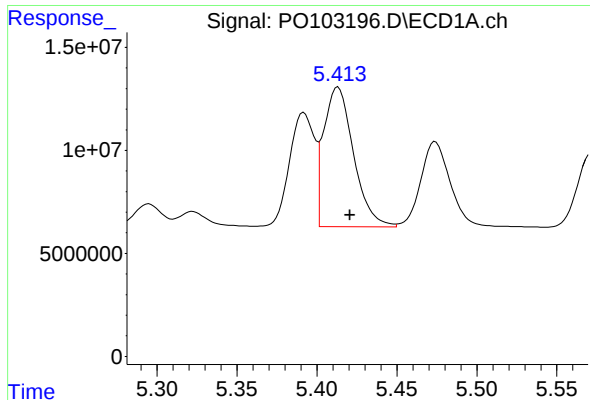
#16 AR-1242-1

R.T.: 5.392 min
Delta R.T.: -0.007 min
Response: 59638658
Conc: 488.97 ng/ml



#16 AR-1242-1

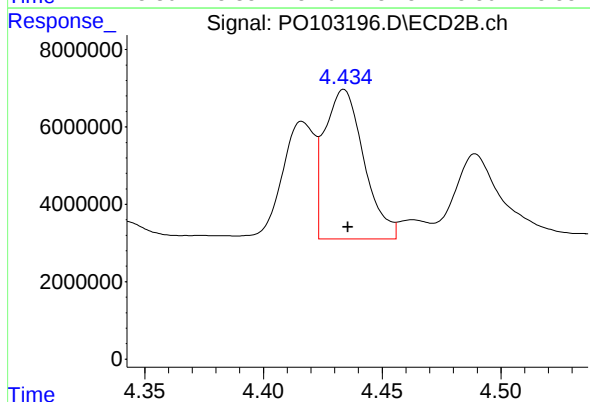
R.T.: 4.416 min
Delta R.T.: -0.002 min
Response: 28924533
Conc: 436.31 ng/ml



#17 AR-1242-2

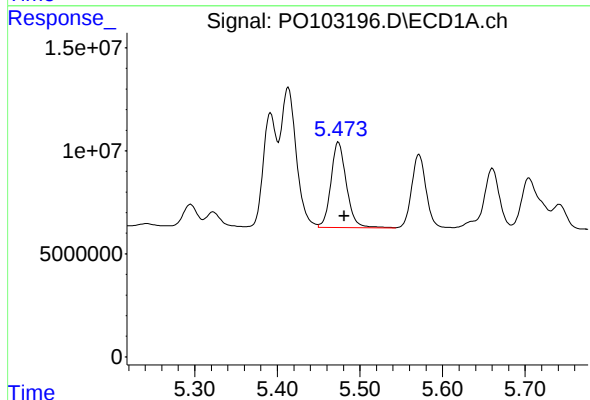
R.T.: 5.413 min
Delta R.T.: -0.007 min
Response: 88189224
Conc: 492.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



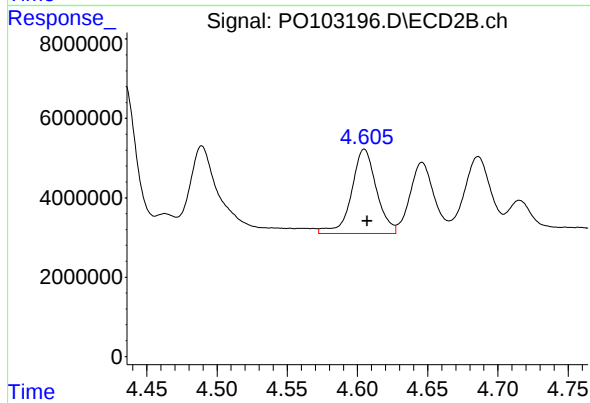
#17 AR-1242-2

R.T.: 4.434 min
Delta R.T.: -0.002 min
Response: 44438136
Conc: 455.53 ng/ml



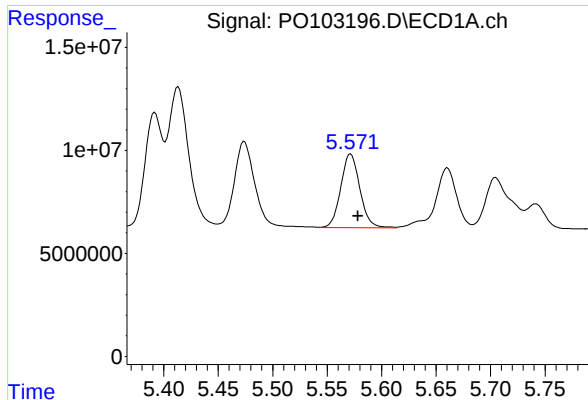
#18 AR-1242-3

R.T.: 5.474 min
Delta R.T.: -0.007 min
Response: 54015819
Conc: 477.74 ng/ml



#18 AR-1242-3

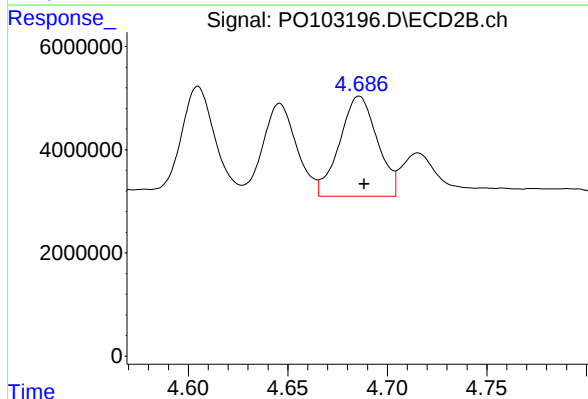
R.T.: 4.605 min
Delta R.T.: -0.002 min
Response: 26255738
Conc: 489.83 ng/ml



#19 AR-1242-4

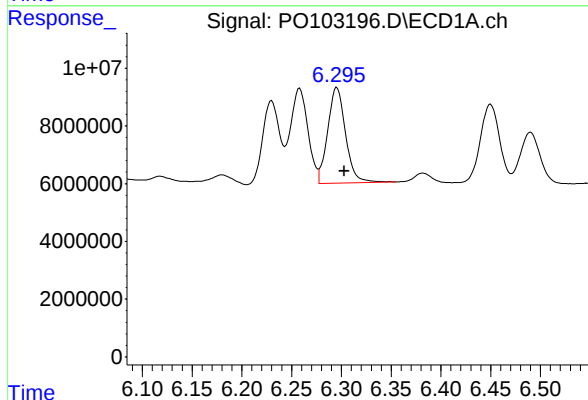
R.T.: 5.572 min
Delta R.T.: -0.007 min
Response: 43657864
Conc: 489.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



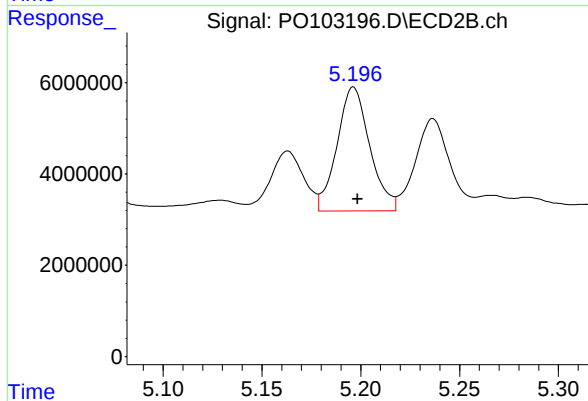
#19 AR-1242-4

R.T.: 4.686 min
Delta R.T.: -0.002 min
Response: 25533631
Conc: 462.99 ng/ml



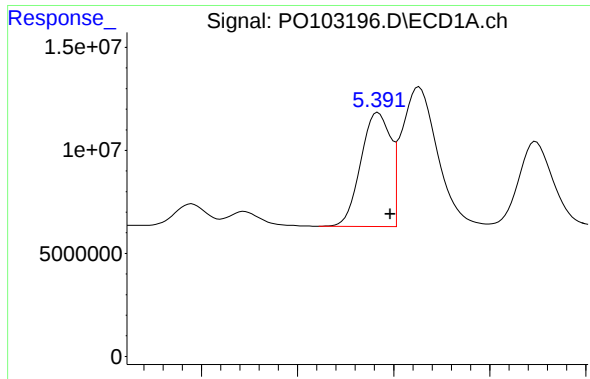
#20 AR-1242-5

R.T.: 6.295 min
Delta R.T.: -0.008 min
Response: 41363054
Conc: 494.93 ng/ml



#20 AR-1242-5

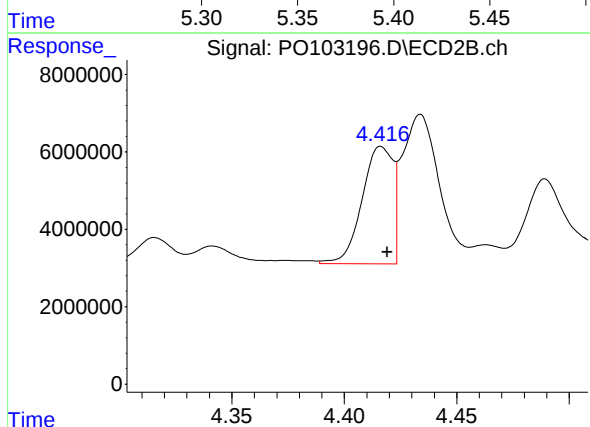
R.T.: 5.196 min
Delta R.T.: -0.002 min
Response: 31310577
Conc: 494.74 ng/ml



#21 AR-1248-1

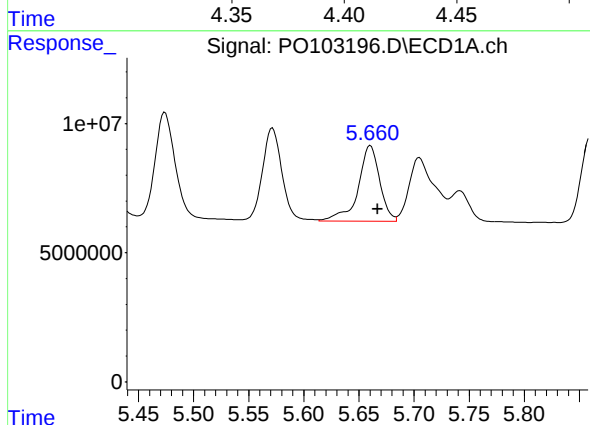
R.T.: 5.392 min
Delta R.T.: -0.006 min
Response: 59638658
Conc: 667.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



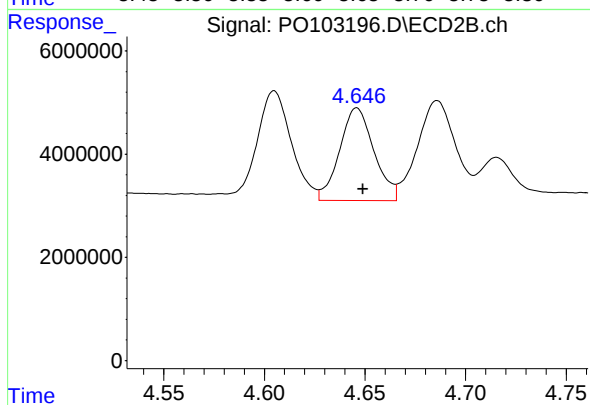
#21 AR-1248-1

R.T.: 4.416 min
Delta R.T.: -0.003 min
Response: 28924533
Conc: 582.45 ng/ml



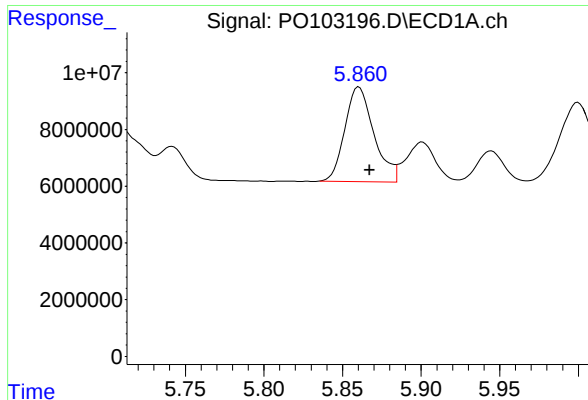
#22 AR-1248-2

R.T.: 5.660 min
Delta R.T.: -0.006 min
Response: 39926929
Conc: 289.41 ng/ml



#22 AR-1248-2

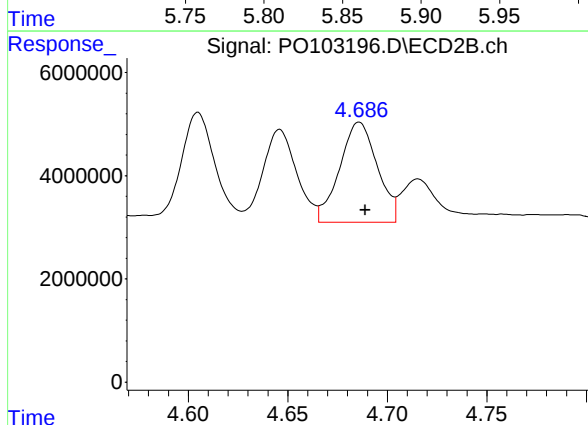
R.T.: 4.646 min
Delta R.T.: -0.003 min
Response: 21350536
Conc: 283.66 ng/ml



#23 AR-1248-3

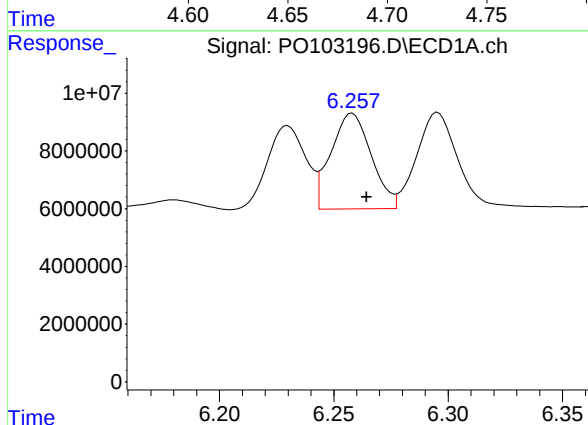
R.T.: 5.860 min
Delta R.T.: -0.007 min
Response: 42920155
Conc: 302.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



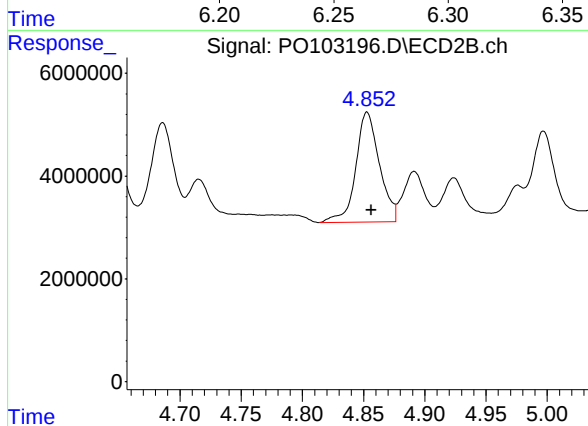
#23 AR-1248-3

R.T.: 4.686 min
Delta R.T.: -0.003 min
Response: 25533631
Conc: 328.71 ng/ml



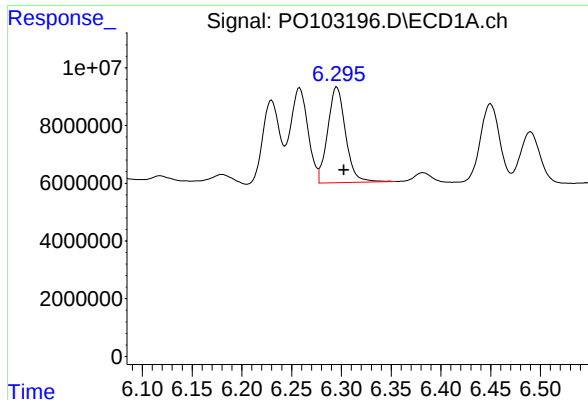
#24 AR-1248-4

R.T.: 6.258 min
Delta R.T.: -0.006 min
Response: 40707199
Conc: 287.17 ng/ml



#24 AR-1248-4

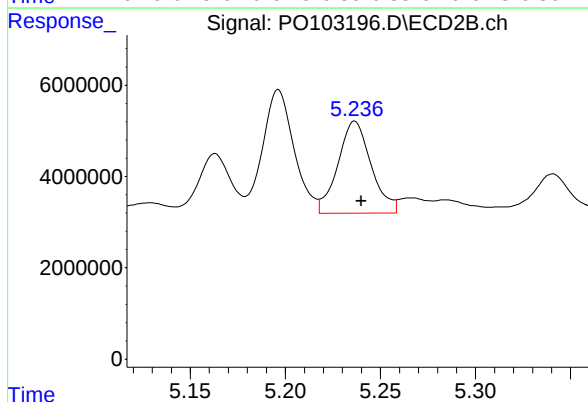
R.T.: 4.853 min
Delta R.T.: -0.003 min
Response: 28838507
Conc: 321.56 ng/ml



#25 AR-1248-5

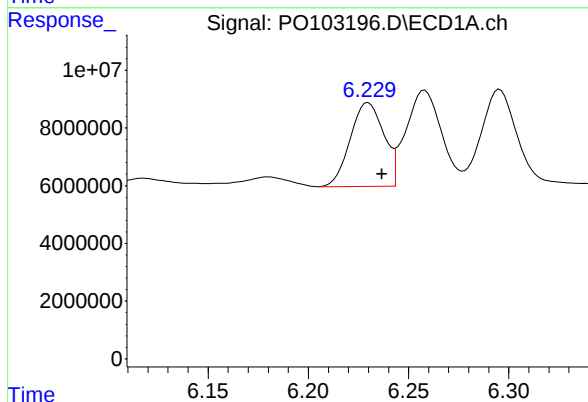
R.T.: 6.295 min
Delta R.T.: -0.007 min
Response: 41363054
Conc: 300.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



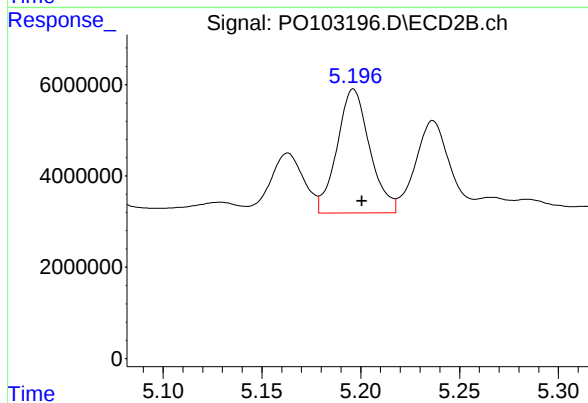
#25 AR-1248-5

R.T.: 5.237 min
Delta R.T.: -0.003 min
Response: 24515884
Conc: 305.79 ng/ml



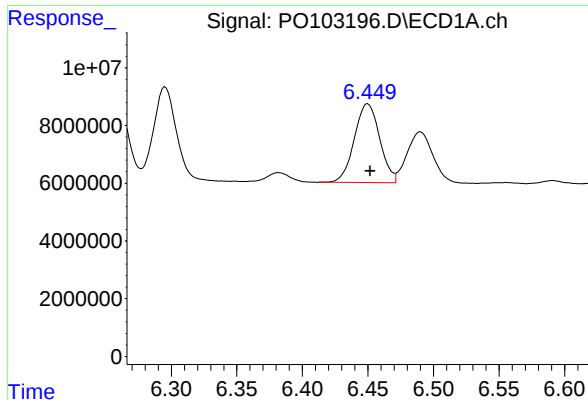
#26 AR-1254-1

R.T.: 6.230 min
Delta R.T.: -0.007 min
Response: 33848464
Conc: 213.25 ng/ml



#26 AR-1254-1

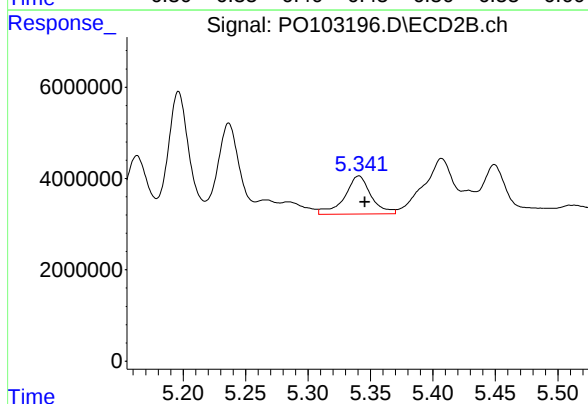
R.T.: 5.196 min
Delta R.T.: -0.004 min
Response: 31310577
Conc: 232.78 ng/ml



#27 AR-1254-2

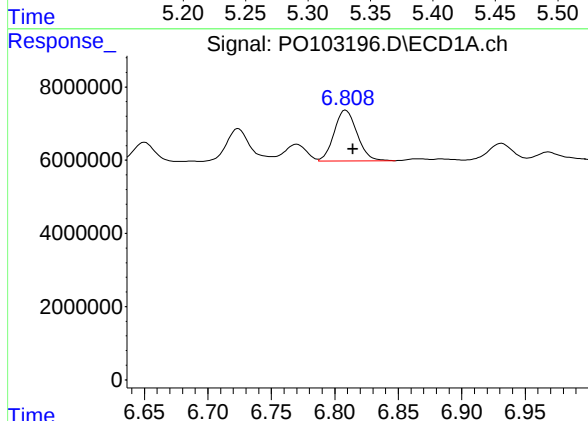
R.T.: 6.450 min
Delta R.T.: -0.002 min
Response: 36731664
Conc: 156.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



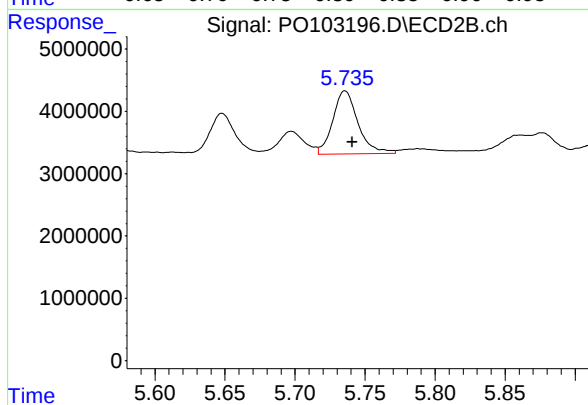
#27 AR-1254-2

R.T.: 5.341 min
Delta R.T.: -0.005 min
Response: 12314261
Conc: 104.20 ng/ml



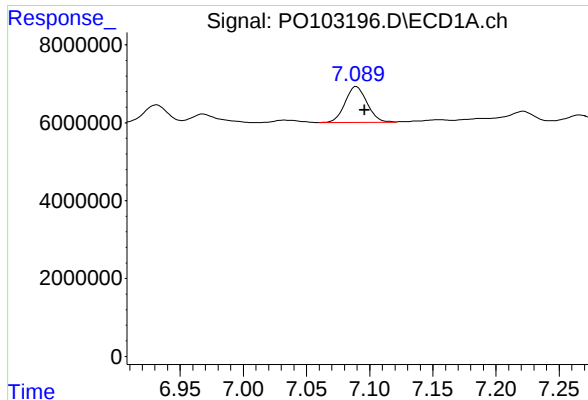
#28 AR-1254-3

R.T.: 6.809 min
Delta R.T.: -0.006 min
Response: 17569611
Conc: 75.83 ng/ml



#28 AR-1254-3

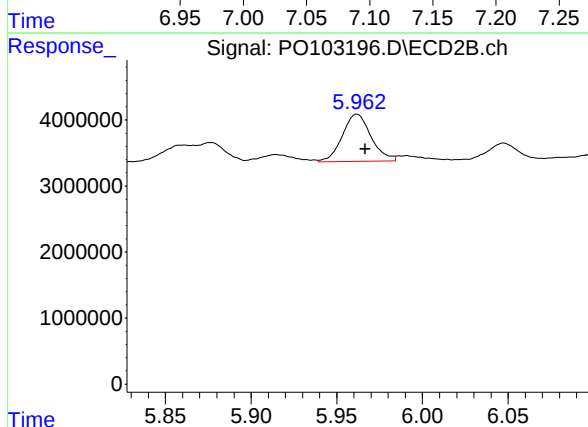
R.T.: 5.736 min
Delta R.T.: -0.005 min
Response: 12638438
Conc: 72.18 ng/ml



#29 AR-1254-4

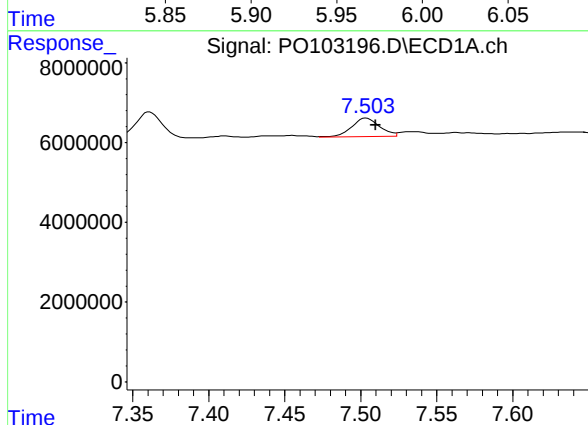
R.T.: 7.089 min
Delta R.T.: -0.006 min
Response: 11107700
Conc: 74.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



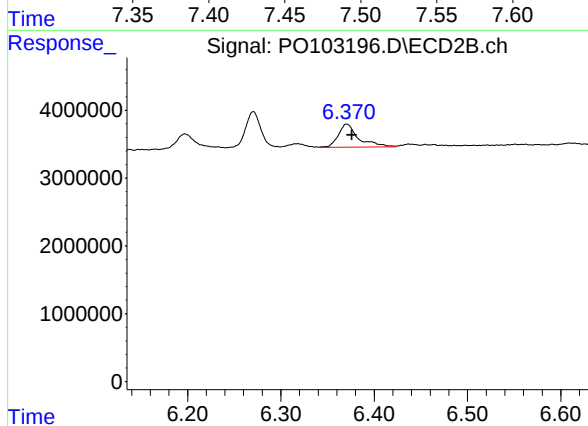
#29 AR-1254-4

R.T.: 5.962 min
Delta R.T.: -0.005 min
Response: 8340550
Conc: 82.22 ng/ml



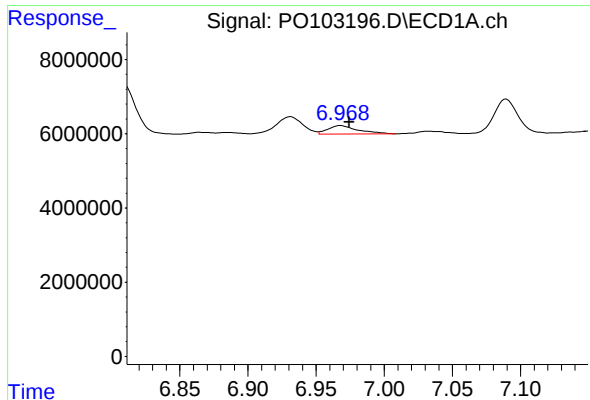
#30 AR-1254-5

R.T.: 7.504 min
Delta R.T.: -0.006 min
Response: 5943085
Conc: 35.73 ng/ml



#30 AR-1254-5

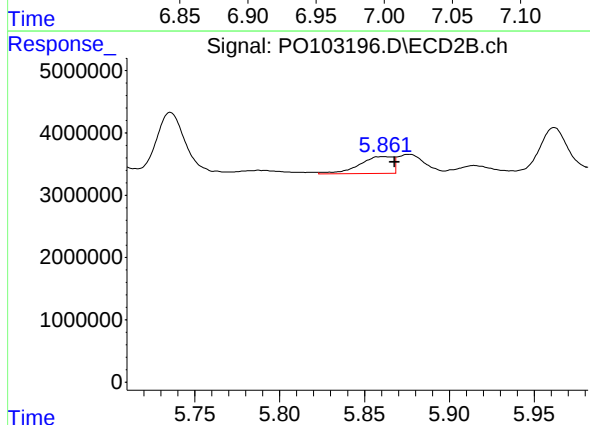
R.T.: 6.371 min
Delta R.T.: -0.006 min
Response: 5126521
Conc: 34.03 ng/ml



#31 AR-1260-1

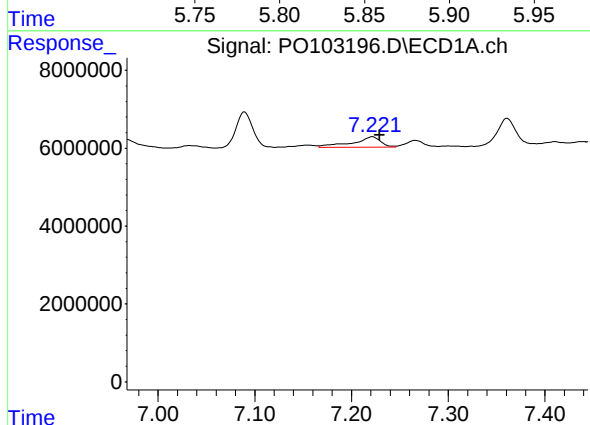
R.T.: 6.968 min
Delta R.T.: -0.006 min
Response: 3412395
Conc: 19.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



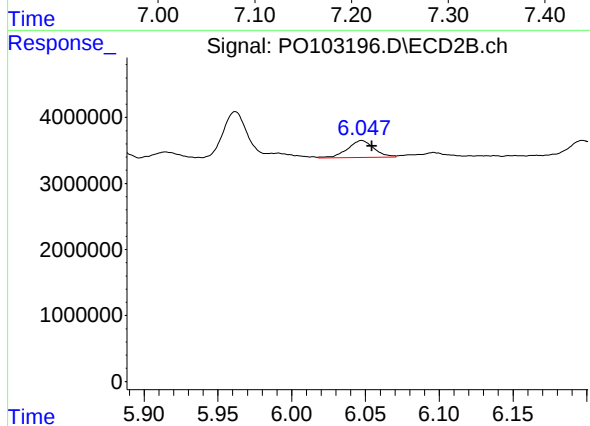
#31 AR-1260-1

R.T.: 5.861 min
Delta R.T.: -0.007 min
Response: 3829600
Conc: 30.12 ng/ml



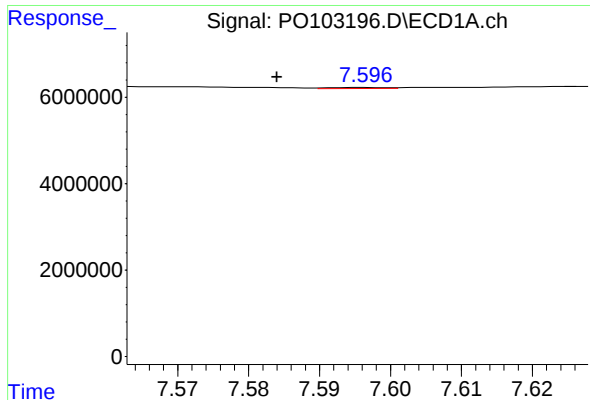
#32 AR-1260-2

R.T.: 7.222 min
Delta R.T.: -0.007 min
Response: 5396586
Conc: 27.21 ng/ml



#32 AR-1260-2

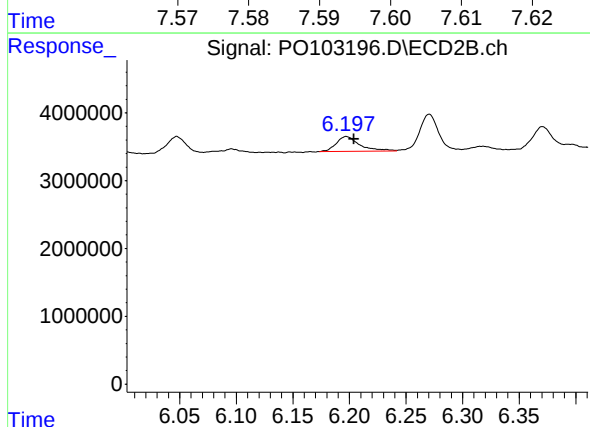
R.T.: 6.048 min
Delta R.T.: -0.007 min
Response: 3184555
Conc: 20.74 ng/ml



#33 AR-1260-3

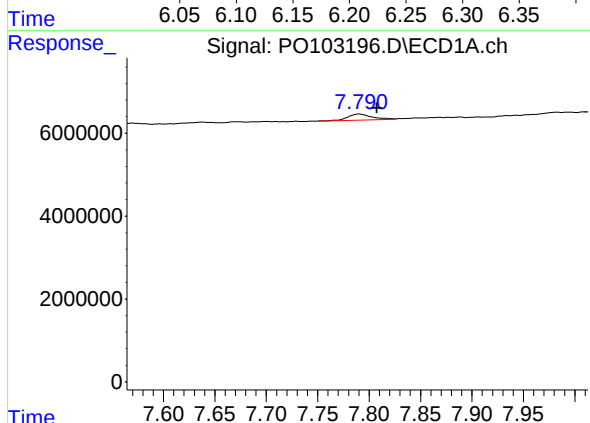
R.T.: 7.597 min
Delta R.T.: 0.013 min
Response: 134374
Conc: 0.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



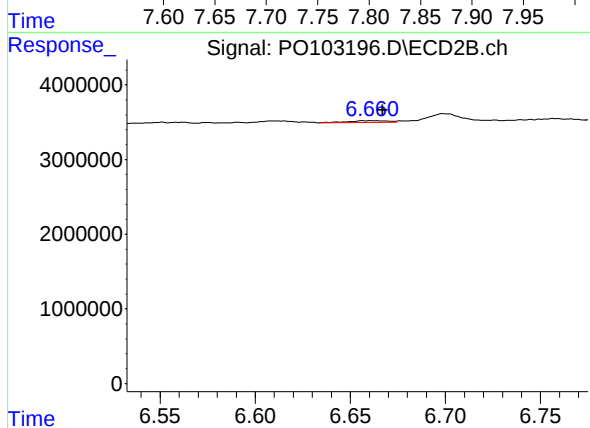
#33 AR-1260-3

R.T.: 6.197 min
Delta R.T.: -0.007 min
Response: 3185456
Conc: 22.86 ng/ml



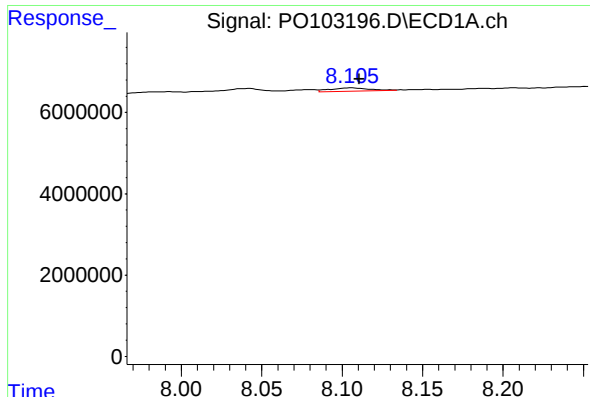
#34 AR-1260-4

R.T.: 7.790 min
Delta R.T.: -0.017 min
Response: 2342025
Conc: 15.07 ng/ml



#34 AR-1260-4

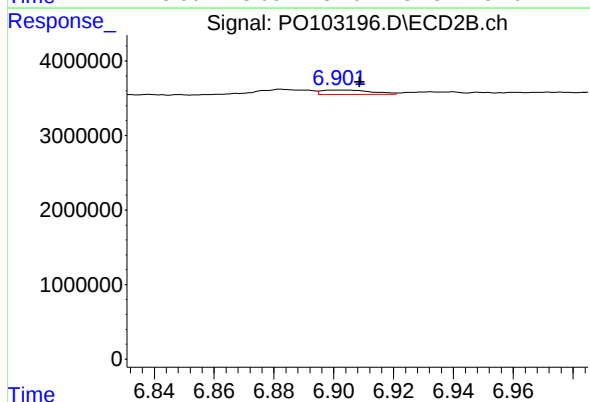
R.T.: 6.661 min
Delta R.T.: -0.006 min
Response: 331842
Conc: 3.02 ng/ml



#35 AR-1260-5

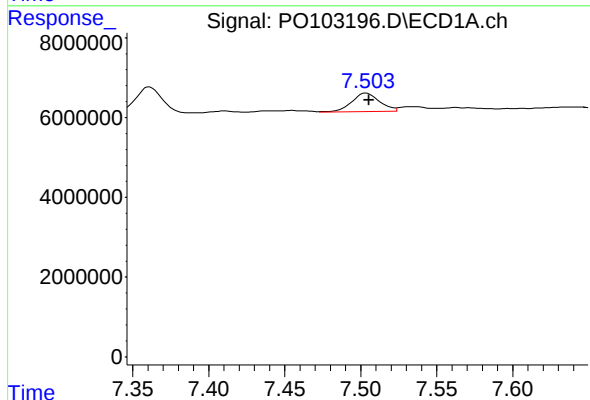
R.T.: 8.106 min
Delta R.T.: -0.005 min
Response: 1405983
Conc: 4.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



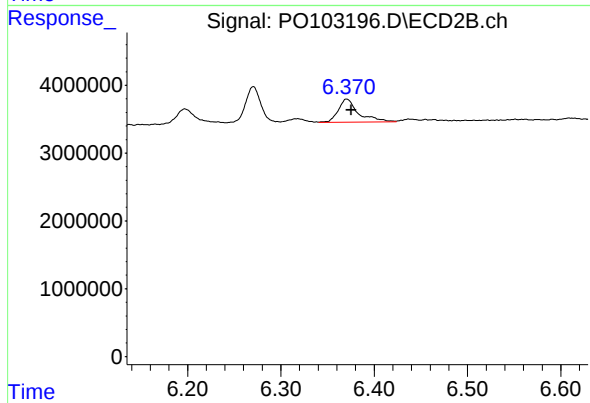
#35 AR-1260-5

R.T.: 6.901 min
Delta R.T.: -0.008 min
Response: 713188
Conc: 2.78 ng/ml



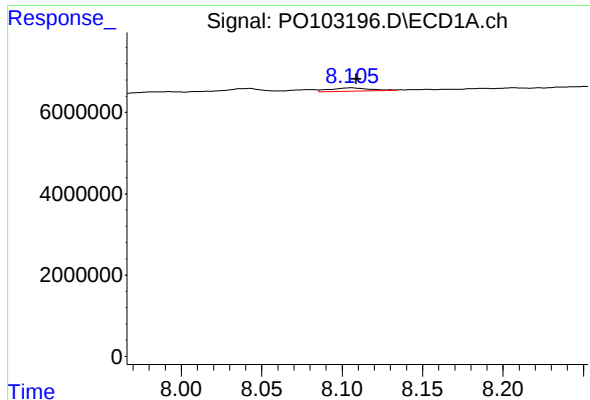
#36 AR-1262-1

R.T.: 7.504 min
Delta R.T.: -0.002 min
Response: 5943085
Conc: 43.57 ng/ml



#36 AR-1262-1

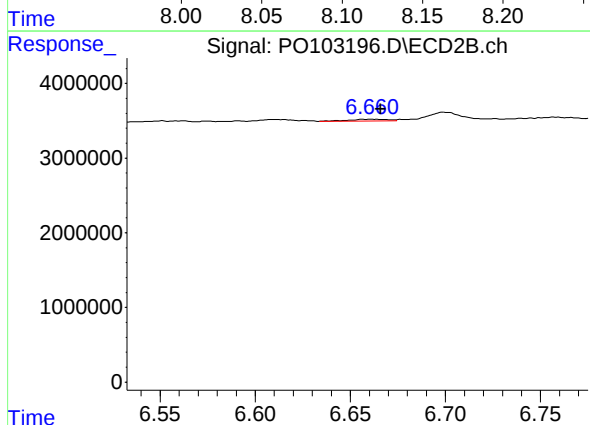
R.T.: 6.371 min
Delta R.T.: -0.005 min
Response: 5126521
Conc: 63.29 ng/ml



#37 AR-1262-2

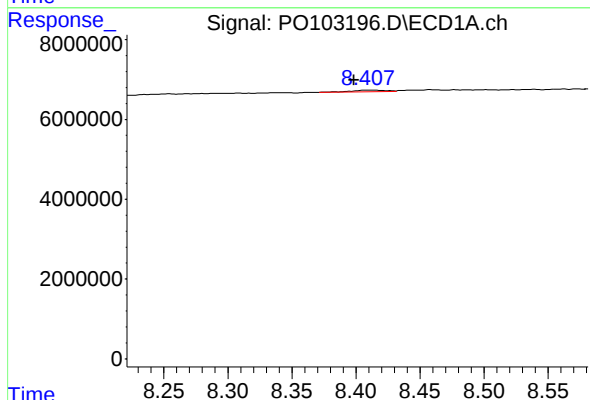
R.T.: 8.106 min
Delta R.T.: -0.003 min
Response: 1405983
Conc: 4.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



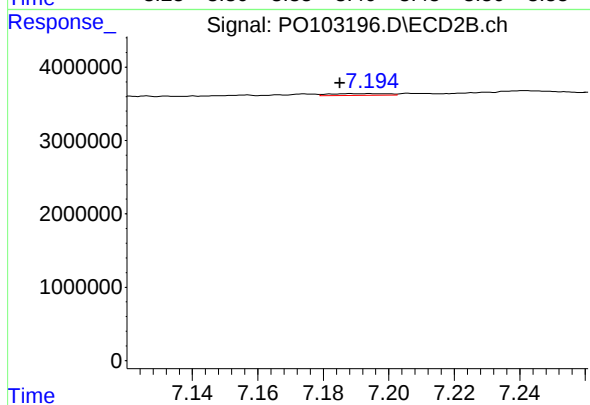
#37 AR-1262-2

R.T.: 6.661 min
Delta R.T.: -0.005 min
Response: 331842
Conc: 2.31 ng/ml



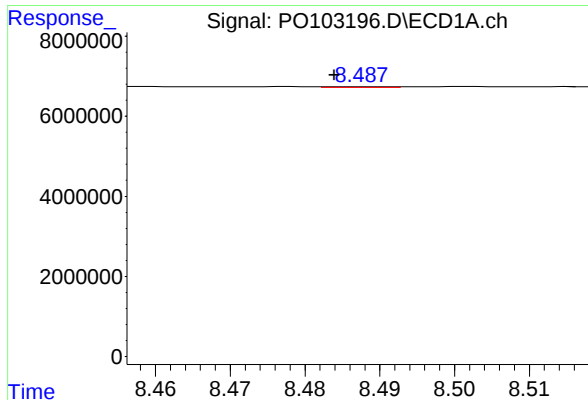
#38 AR-1262-3

R.T.: 8.409 min
Delta R.T.: 0.010 min
Response: 758557
Conc: 3.43 ng/ml



#38 AR-1262-3

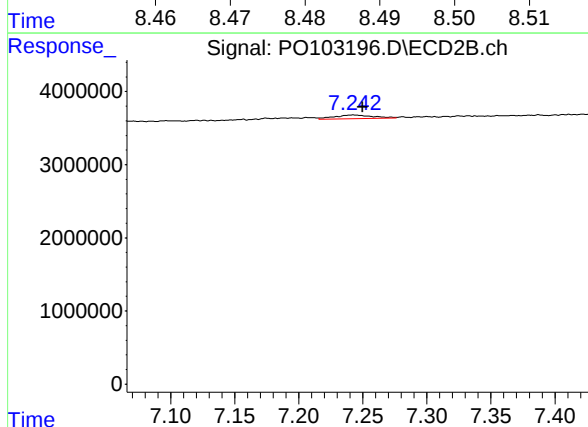
R.T.: 7.195 min
Delta R.T.: 0.010 min
Response: 288412
Conc: 2.38 ng/ml



#39 AR-1262-4

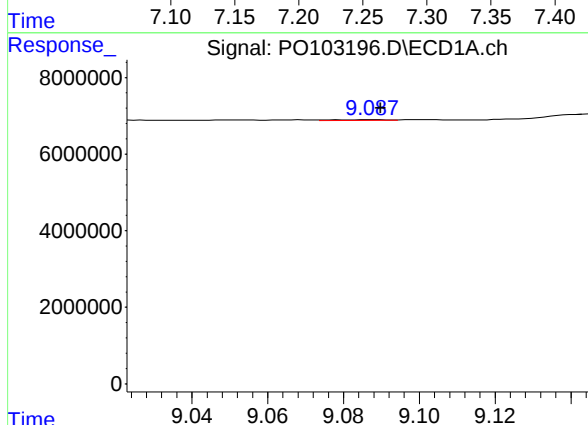
R.T.: 8.488 min
Delta R.T.: 0.004 min
Response: 100351
Conc: 0.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



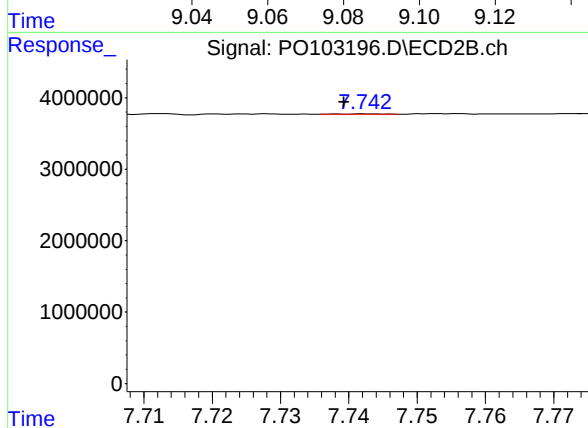
#39 AR-1262-4

R.T.: 7.242 min
Delta R.T.: -0.008 min
Response: 1007245
Conc: 4.89 ng/ml



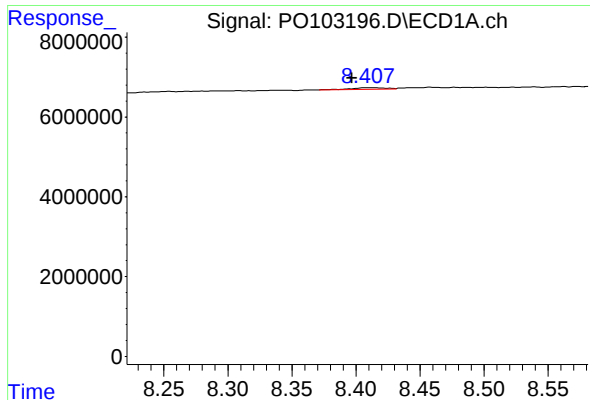
#40 AR-1262-5

R.T.: 9.088 min
Delta R.T.: -0.002 min
Response: 187099
Conc: 1.59 ng/ml



#40 AR-1262-5

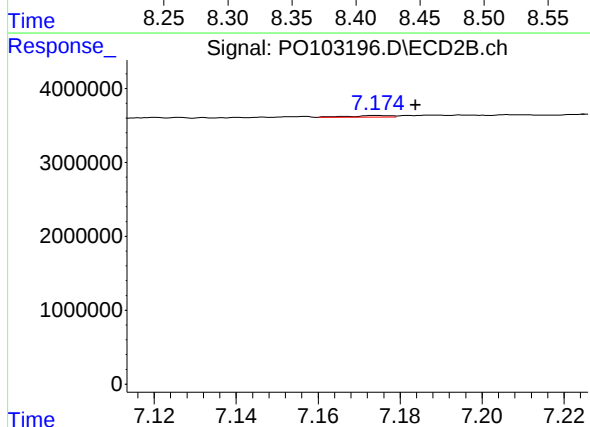
R.T.: 7.743 min
Delta R.T.: 0.003 min
Response: 22488
Conc: 0.26 ng/ml



#41 AR-1268-1

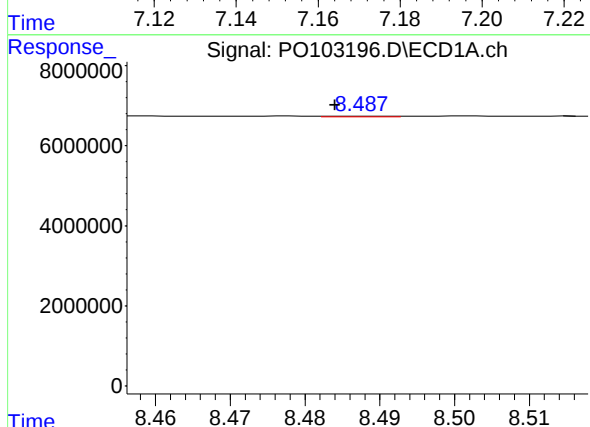
R.T.: 8.409 min
Delta R.T.: 0.012 min
Response: 758557
Conc: 1.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



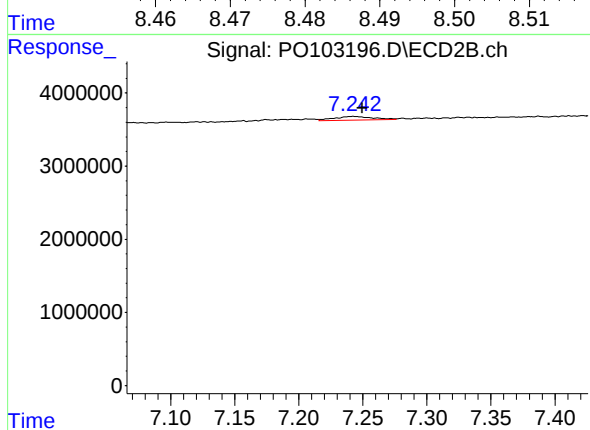
#41 AR-1268-1

R.T.: 7.174 min
Delta R.T.: -0.009 min
Response: 168028
Conc: 0.47 ng/ml



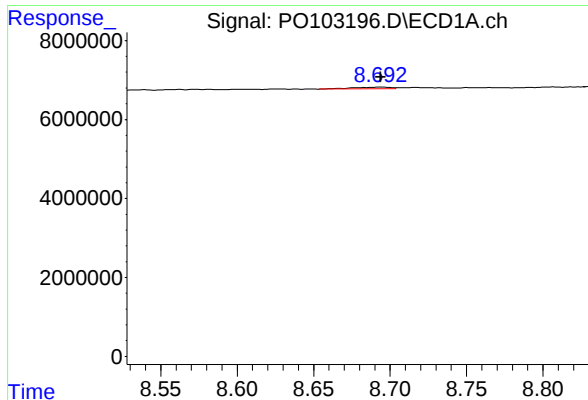
#42 AR-1268-2

R.T.: 8.488 min
Delta R.T.: 0.004 min
Response: 100351
Conc: 0.27 ng/ml



#42 AR-1268-2

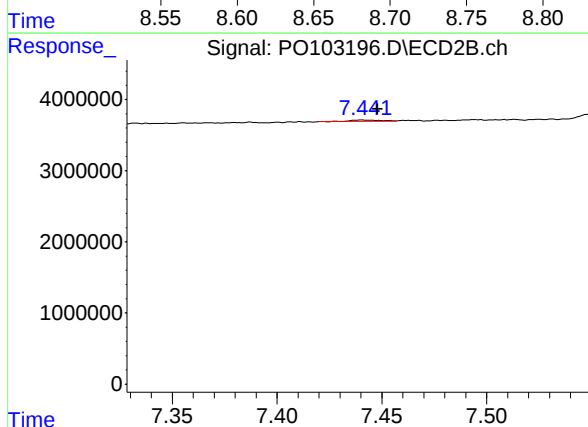
R.T.: 7.242 min
Delta R.T.: -0.008 min
Response: 1007245
Conc: 3.17 ng/ml



#43 AR-1268-3

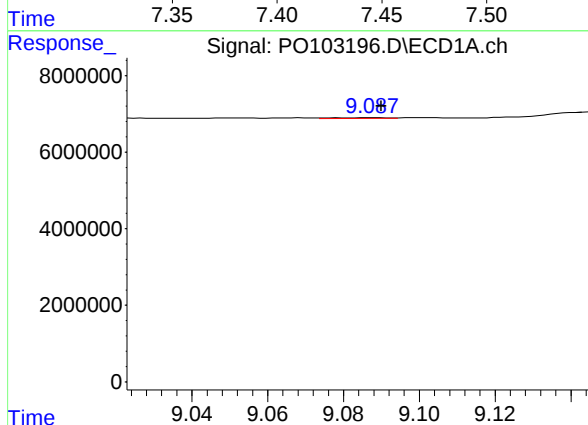
R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 682335
Conc: 2.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



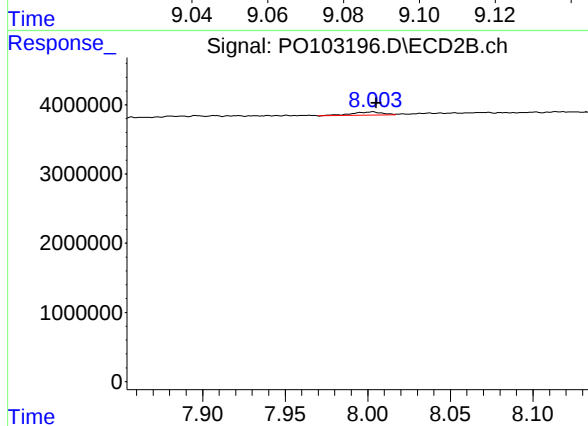
#43 AR-1268-3

R.T.: 7.440 min
Delta R.T.: -0.008 min
Response: 179182
Conc: 0.66 ng/ml



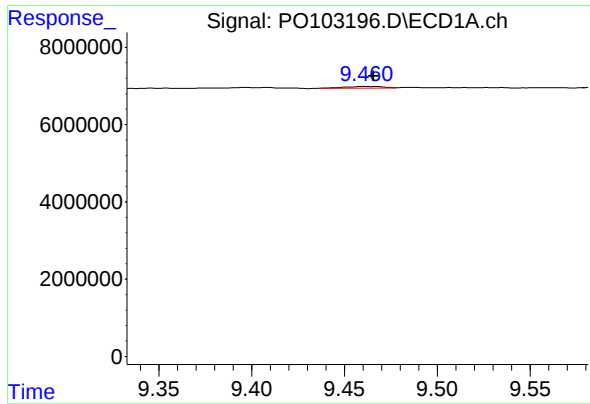
#44 AR-1268-4

R.T.: 9.088 min
Delta R.T.: -0.002 min
Response: 187099
Conc: 1.43 ng/ml



#44 AR-1268-4

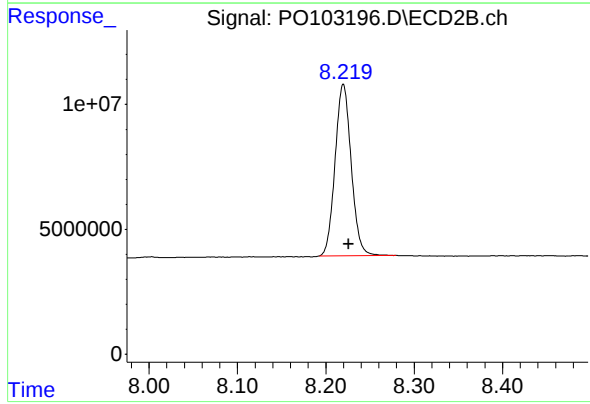
R.T.: 8.003 min
Delta R.T.: -0.002 min
Response: 595575
Conc: 0.82 ng/ml



#45 AR-1268-5

R.T.: 9.461 min
Delta R.T.: -0.005 min
Response: 675454
Conc: 0.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.220 min
Delta R.T.: -0.006 min
Response: 87126803
Conc: 281.06 ng/ml