

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120123\
 Data File : PP062102.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2023 23:30
 Operator : YP\AJ
 Sample : 05387-31
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 02 00:23:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 28 04:28:00 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...	4.453	3.724	29018909	36709258	22.043	20.401
2) SA Decachlor...	10.244	8.847	19251849	30626378	18.655	14.839
Target Compounds						
3) L1 AR-1016-1	5.627	4.837	373799	556508	7.544	8.401
4) L1 AR-1016-2	5.653	4.868	1961310	1609948	26.292	17.427 #
5) L1 AR-1016-3	0.000	5.035	0	695336	N.D.	13.707 #
6) L1 AR-1016-4	5.808	5.077	451131	36284218	11.869	796.373 #
7) L1 AR-1016-5	6.106	5.295	19469979	25568853	506.287	442.283
8) L2 AR-1221-1	0.000	3.930f	0	611150	N.D.	24.201 #
9) L2 AR-1221-2	4.760	4.031	391634	358488	29.366	18.847 #
12) L3 AR-1232-2	0.000	4.868	0	1609948	N.D.	39.115 #
13) L3 AR-1232-3	5.653	5.035	1961310	695336	57.772	30.693 #
14) L3 AR-1232-4	5.808	5.120	451131	10675303	26.702	467.470 #
15) L3 AR-1232-5	5.902	5.295	26885383	25568853	1783.960	1004.731 #
16) L4 AR-1242-1	5.627	4.837	373799	556508	9.405	10.503
17) L4 AR-1242-2	5.653	4.868	1961310	1609948	32.989	22.111 #
18) L4 AR-1242-3	0.000	5.035	0	695336	N.D.	17.158 #
19) L4 AR-1242-4	5.808	5.120	451131	10675303	14.876	236.524 #
20) L4 AR-1242-5	6.555	5.654	36250258	242.6E6	1209.054	4635.130 #
21) L5 AR-1248-1	5.627	4.837	373799	556508	12.233	13.939
22) L5 AR-1248-2	5.902	5.077	26885383	36284218	549.562	574.458
23) L5 AR-1248-3	6.106	5.120	19469979	10675303	374.245	162.766 #
24) L5 AR-1248-4	6.512	5.295	53377443	25568853	1053.098	332.166 #
25) L5 AR-1248-5	6.555	5.654	36250258	242.6E6	701.499	2427.186 #
26) L6 AR-1254-1	6.486	5.654	125.9E6	242.6E6	2244.206	2227.664
27) L6 AR-1254-2	6.705	5.804	260.0E6	304.7E6	3117.958	3036.296
28) L6 AR-1254-3	7.073	6.214	397.3E6	721.3E6	4802.700	4617.310
29) L6 AR-1254-4	7.360	6.446	296.8E6	432.4E6	5659.164	5440.851
30) L6 AR-1254-5	7.781	6.869	493.4E6	1020.5E6	7745.619	7231.288
31) L7 AR-1260-1	7.238	6.346	189.5E6	374.6E6	2773.820	3218.433
32) L7 AR-1260-2	7.496	6.536	242.1E6	374.8E6	3214.406	2750.865
33) L7 AR-1260-3	7.841f	6.692	67145927	394.8E6	1296.097	3017.042 #
34) L7 AR-1260-4	8.069f	7.171	192.6E6	60595167	3155.921	614.446 #
35) L7 AR-1260-5	8.407	7.413	82201804	147.7E6	819.732	689.883
36) L8 AR-1262-1	7.915	6.960	20818145	35386165	588.299	557.030
37) L8 AR-1262-2	8.407	7.171	82201804	60595167	693.230	448.598 #
38) L8 AR-1262-3	8.737	7.702	69875482	12631779	797.775	120.734 #
39) L8 AR-1262-4	8.785f	7.764	23736233	152.8E6	315.196	847.461 #
40) L8 AR-1262-5	9.477	8.271	10581549	16033331	246.048	209.882
41) L9 AR-1268-1	8.737	7.702	69875482	12631779	464.039	42.115 #
42) L9 AR-1268-2	0.000	7.764	0	152.8E6	N.D.	575.631 #
43) L9 AR-1268-3	9.046	7.977	1232547	2060477	10.389	8.482

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 02 00:23:20 2023
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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
44) L9	AR-1268-4	9.477	8.271	10581549	16033331	234.384	185.706
45) L9	AR-1268-5	9.900	8.576	6749539	10631872	20.593	15.377 #

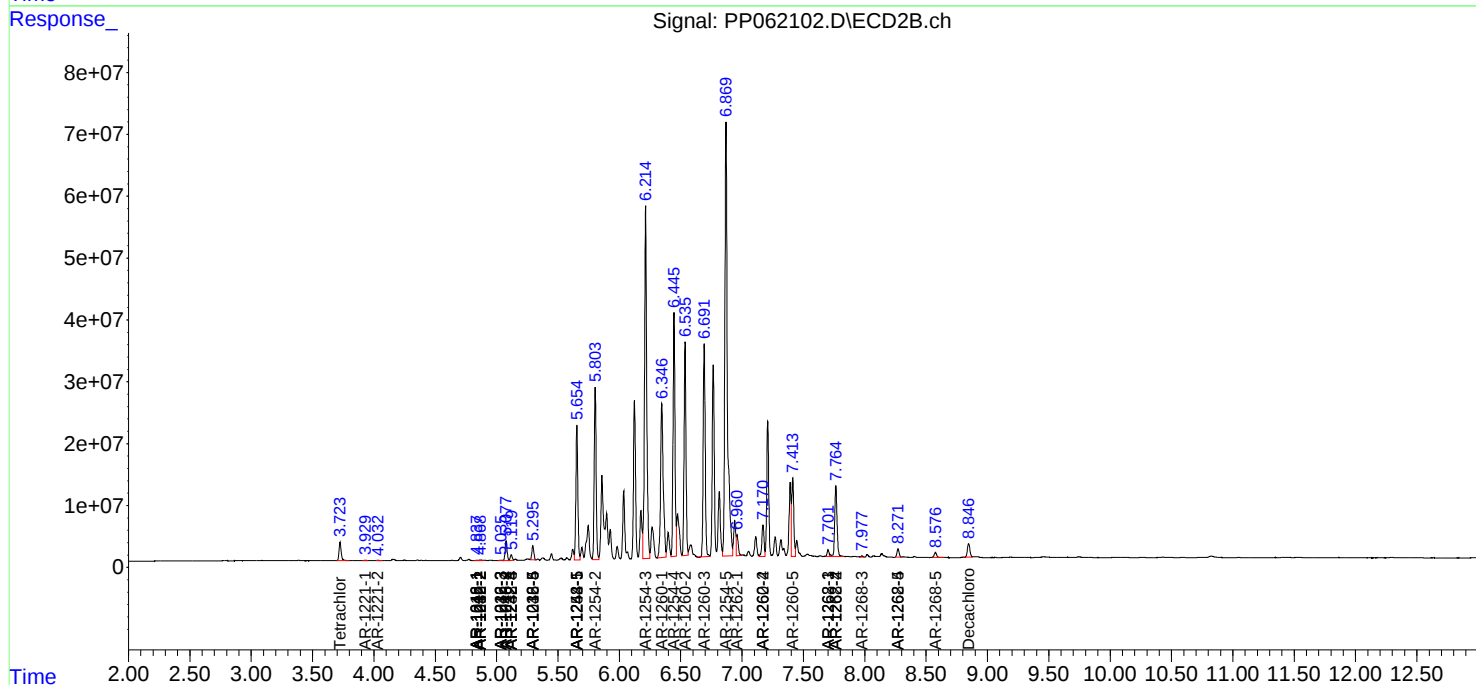
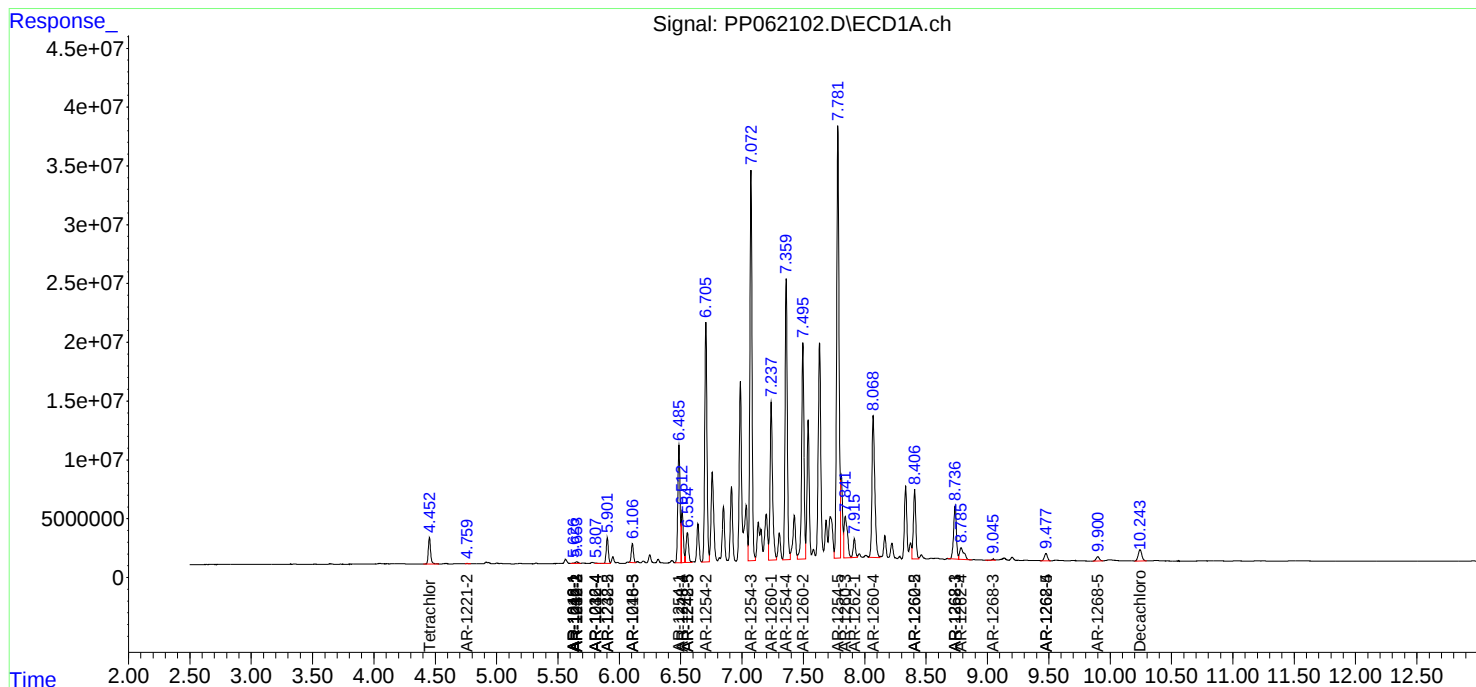
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

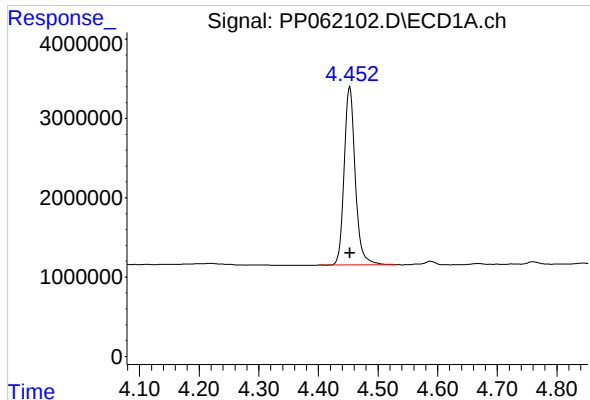
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

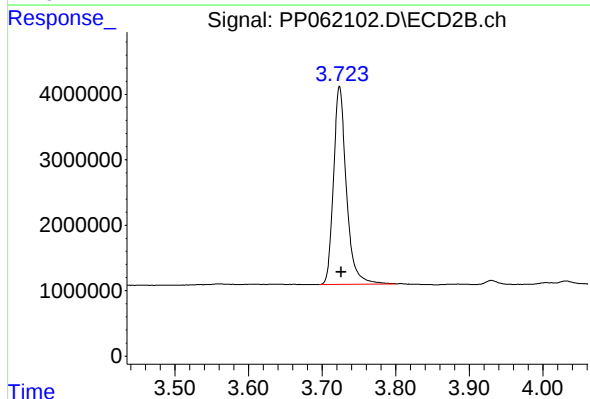




#1 Tetrachloro-m-xylene

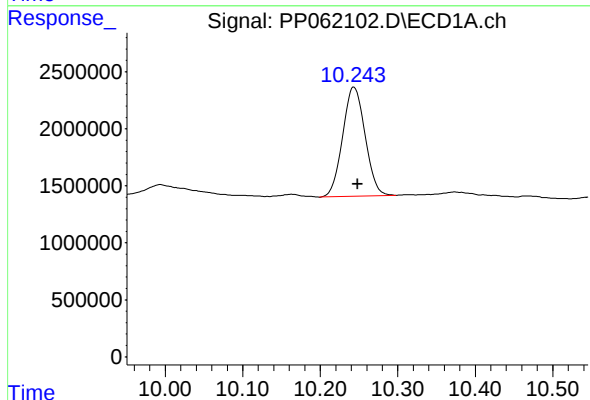
R.T.: 4.453 min
Delta R.T.: 0.000 min
Response: 29018909
Conc: 22.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



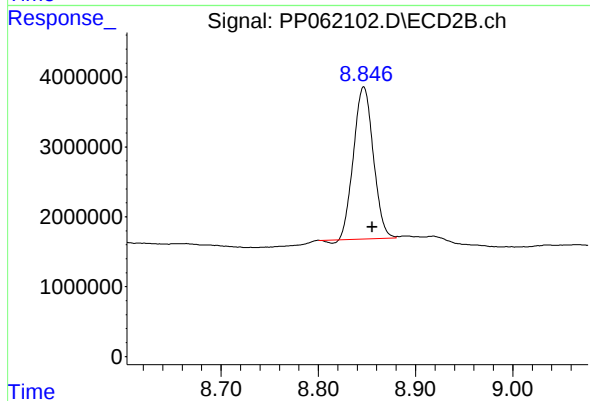
#1 Tetrachloro-m-xylene

R.T.: 3.724 min
Delta R.T.: -0.002 min
Response: 36709258
Conc: 20.40 ng/ml



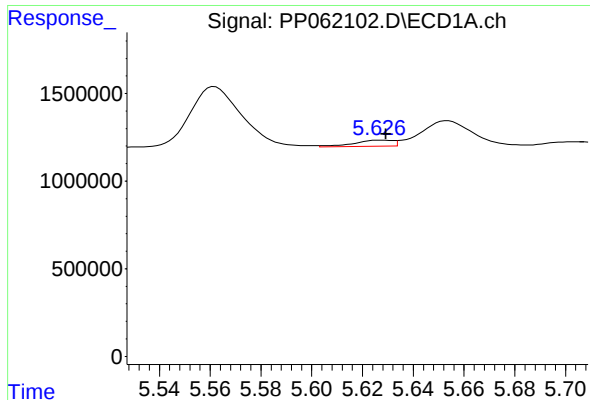
#2 Decachlorobiphenyl

R.T.: 10.244 min
Delta R.T.: -0.005 min
Response: 19251849
Conc: 18.65 ng/ml



#2 Decachlorobiphenyl

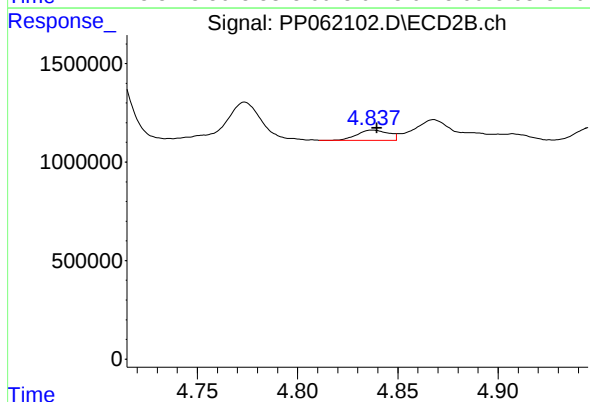
R.T.: 8.847 min
Delta R.T.: -0.009 min
Response: 30626378
Conc: 14.84 ng/ml



#3 AR-1016-1

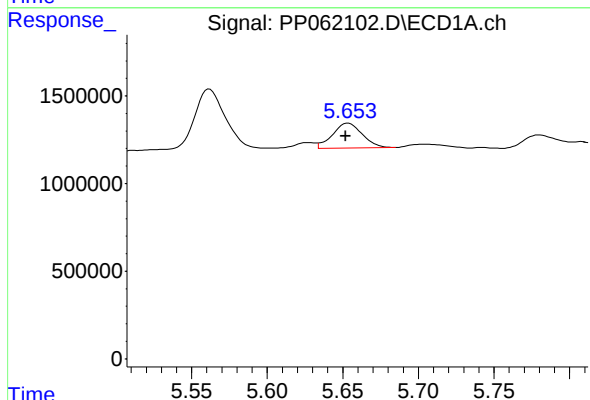
R.T.: 5.627 min
Delta R.T.: -0.002 min
Response: 373799
Conc: 7.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



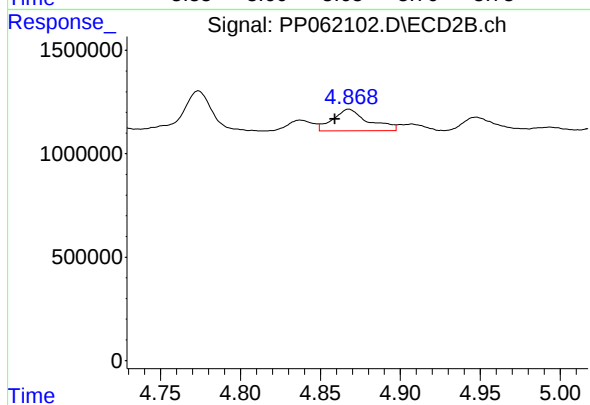
#3 AR-1016-1

R.T.: 4.837 min
Delta R.T.: -0.002 min
Response: 556508
Conc: 8.40 ng/ml



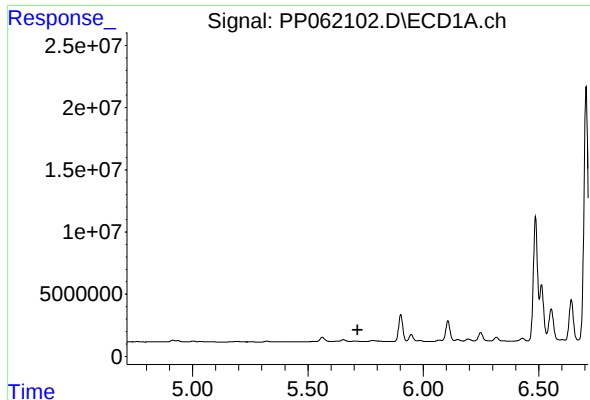
#4 AR-1016-2

R.T.: 5.653 min
Delta R.T.: 0.002 min
Response: 1961310
Conc: 26.29 ng/ml



#4 AR-1016-2

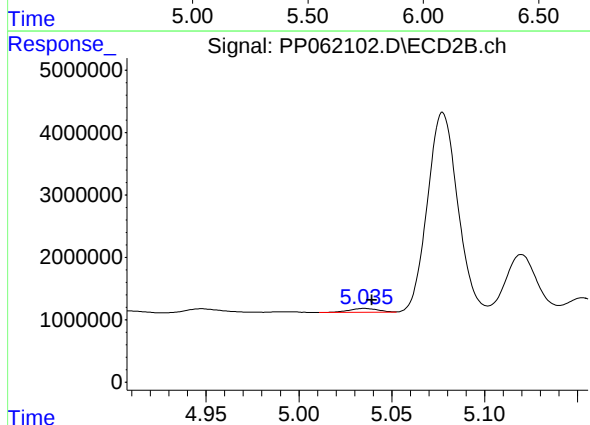
R.T.: 4.868 min
Delta R.T.: 0.009 min
Response: 1609948
Conc: 17.43 ng/ml



#5 AR-1016-3

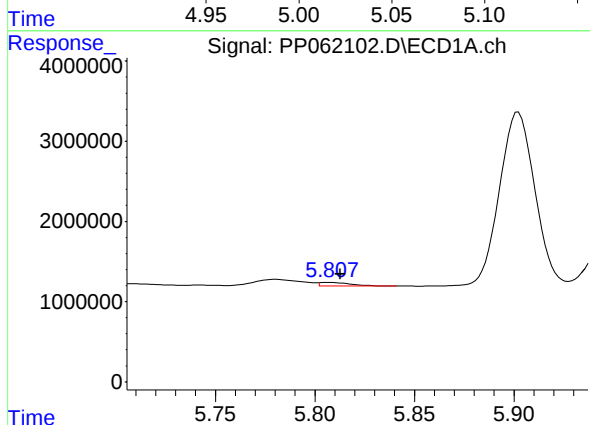
R.T.: 0.000 min
Exp R.T.: 5.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



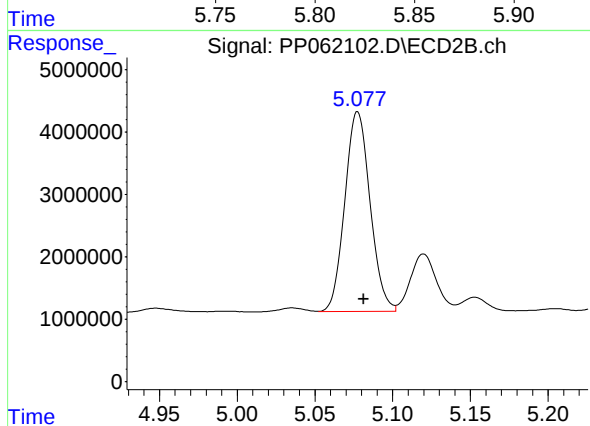
#5 AR-1016-3

R.T.: 5.035 min
Delta R.T.: -0.004 min
Response: 695336
Conc: 13.71 ng/ml



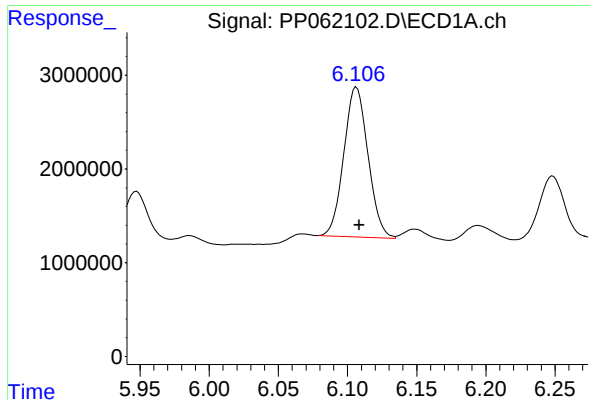
#6 AR-1016-4

R.T.: 5.808 min
Delta R.T.: -0.005 min
Response: 451131
Conc: 11.87 ng/ml



#6 AR-1016-4

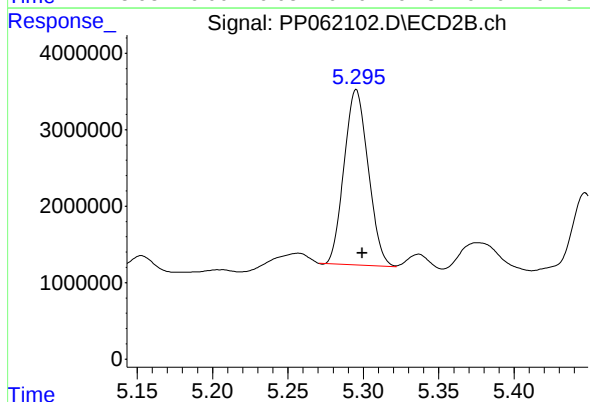
R.T.: 5.077 min
Delta R.T.: -0.004 min
Response: 36284218
Conc: 796.37 ng/ml



#7 AR-1016-5

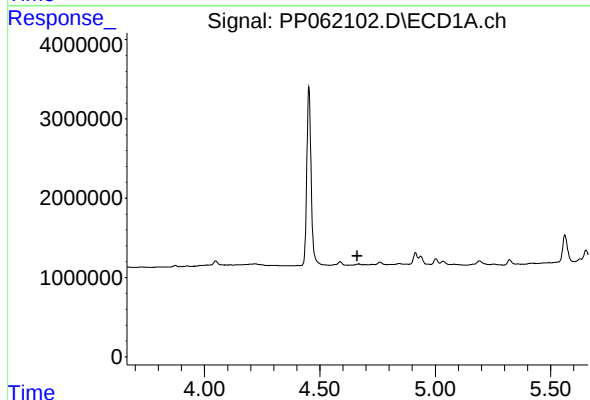
R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 19469979
Conc: 506.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



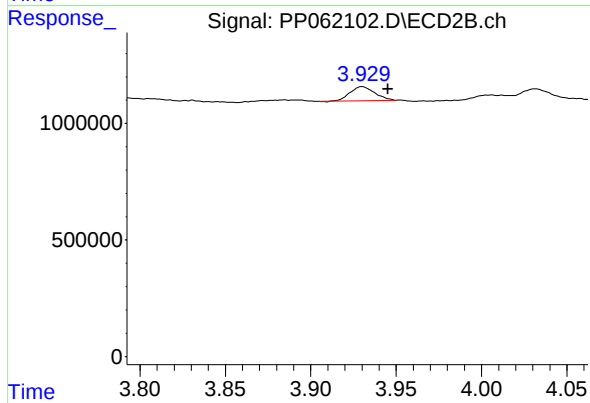
#7 AR-1016-5

R.T.: 5.295 min
Delta R.T.: -0.004 min
Response: 25568853
Conc: 442.28 ng/ml



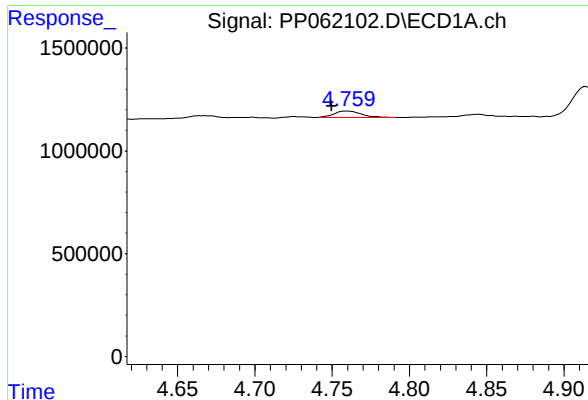
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.662 min
Response: 0
Conc: N.D.



#8 AR-1221-1

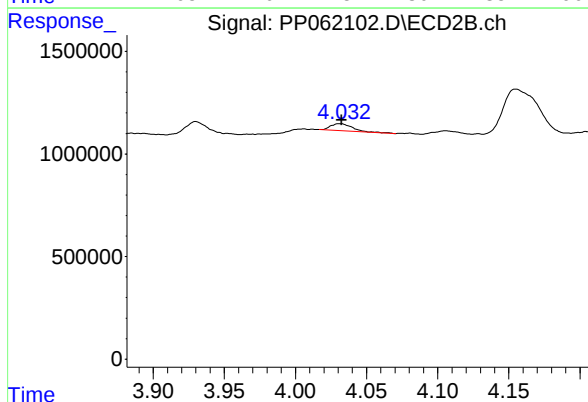
R.T.: 3.930 min
Delta R.T.: -0.015 min
Response: 611150
Conc: 24.20 ng/ml



#9 AR-1221-2

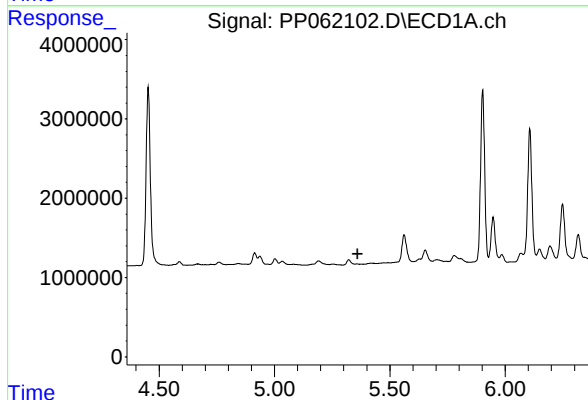
R.T.: 4.760 min
Delta R.T.: 0.010 min
Response: 391634
Conc: 29.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



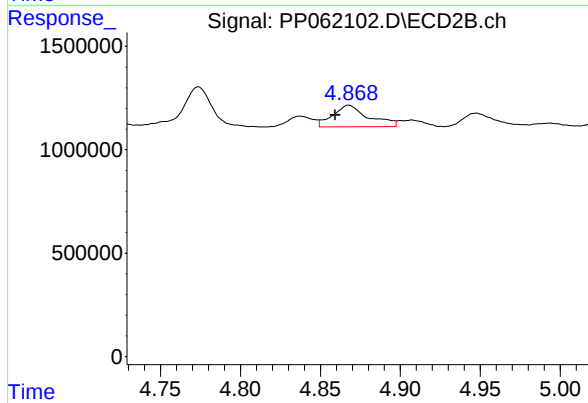
#9 AR-1221-2

R.T.: 4.031 min
Delta R.T.: -0.001 min
Response: 358488
Conc: 18.85 ng/ml



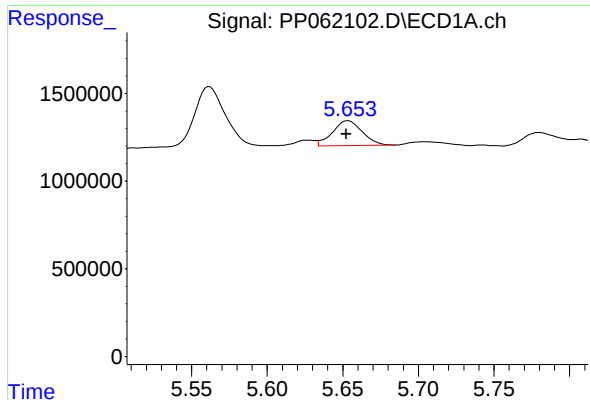
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.359 min
Response: 0
Conc: N.D.



#12 AR-1232-2

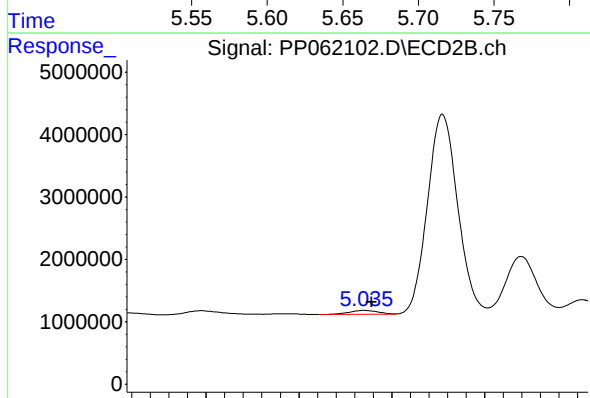
R.T.: 4.868 min
Delta R.T.: 0.008 min
Response: 1609948
Conc: 39.12 ng/ml



#13 AR-1232-3

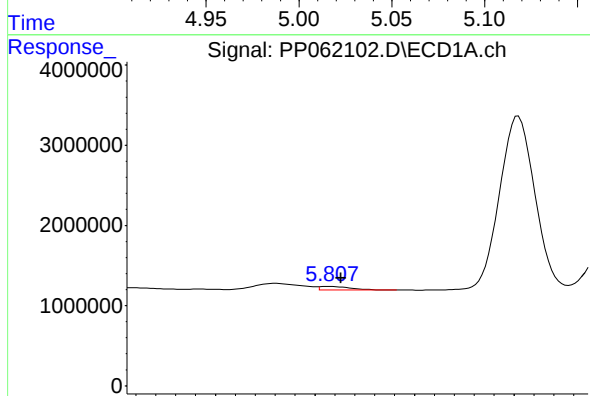
R.T.: 5.653 min
Delta R.T.: 0.001 min
Response: 1961310
Conc: 57.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



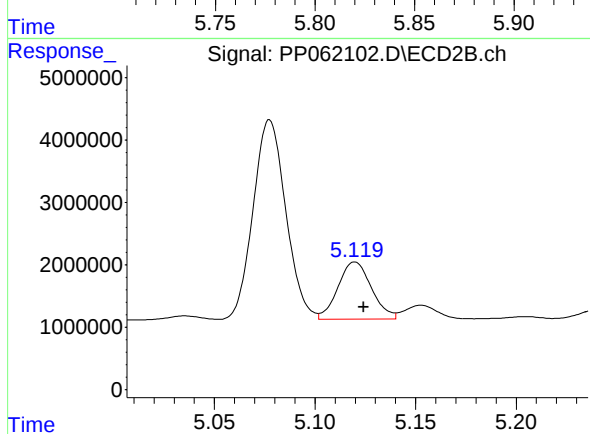
#13 AR-1232-3

R.T.: 5.035 min
Delta R.T.: -0.004 min
Response: 695336
Conc: 30.69 ng/ml



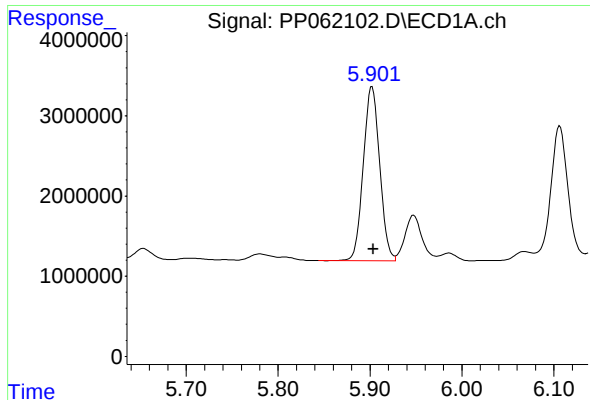
#14 AR-1232-4

R.T.: 5.808 min
Delta R.T.: -0.005 min
Response: 451131
Conc: 26.70 ng/ml



#14 AR-1232-4

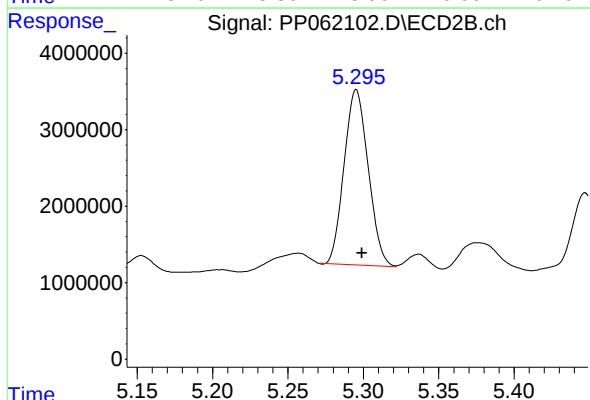
R.T.: 5.120 min
Delta R.T.: -0.004 min
Response: 10675303
Conc: 467.47 ng/ml



#15 AR-1232-5

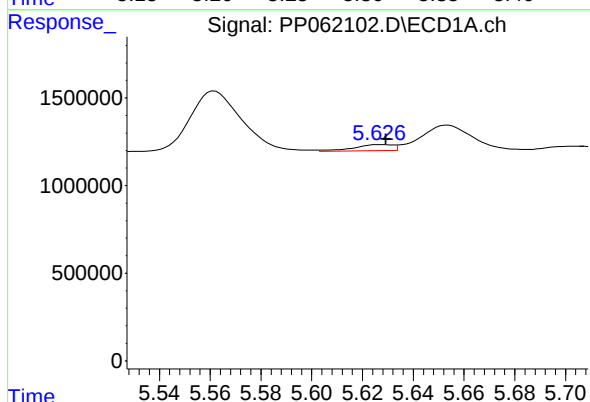
R.T.: 5.902 min
Delta R.T.: -0.002 min
Response: 26885383
Conc: 1783.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



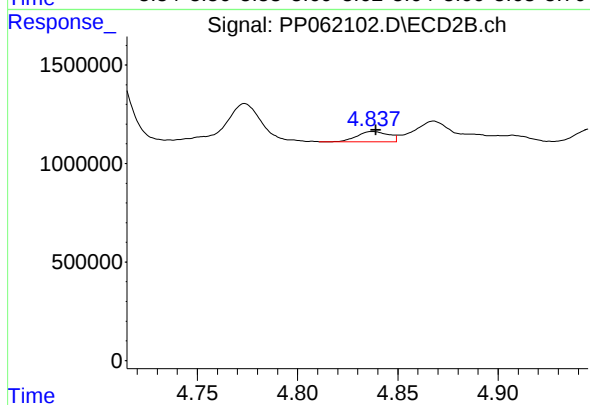
#15 AR-1232-5

R.T.: 5.295 min
Delta R.T.: -0.004 min
Response: 25568853
Conc: 1004.73 ng/ml



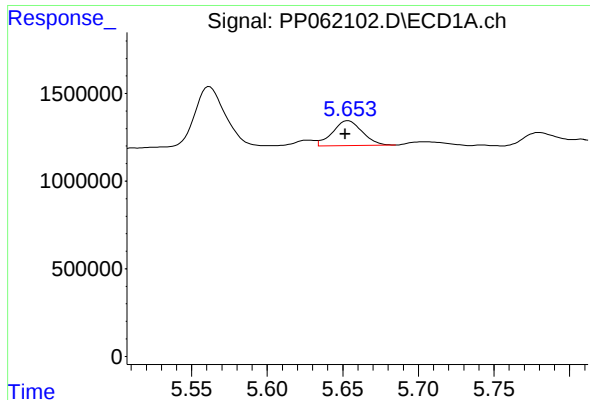
#16 AR-1242-1

R.T.: 5.627 min
Delta R.T.: -0.002 min
Response: 373799
Conc: 9.41 ng/ml



#16 AR-1242-1

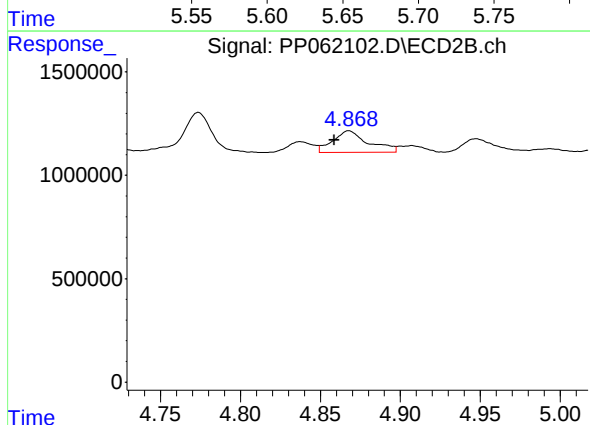
R.T.: 4.837 min
Delta R.T.: -0.002 min
Response: 556508
Conc: 10.50 ng/ml



#17 AR-1242-2

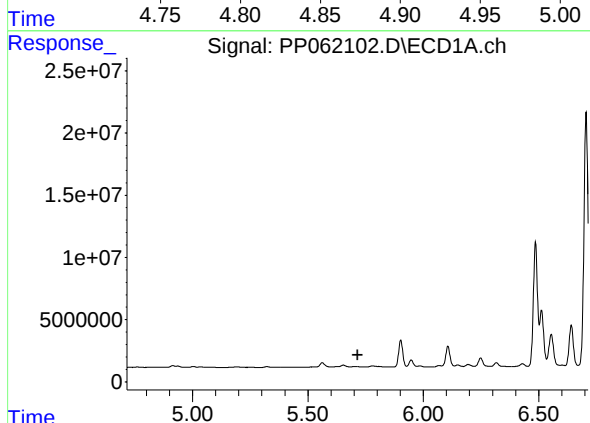
R.T.: 5.653 min
Delta R.T.: 0.002 min
Response: 1961310
Conc: 32.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



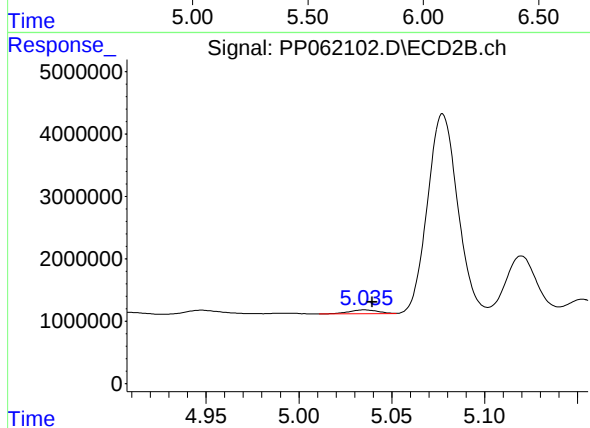
#17 AR-1242-2

R.T.: 4.868 min
Delta R.T.: 0.009 min
Response: 1609948
Conc: 22.11 ng/ml



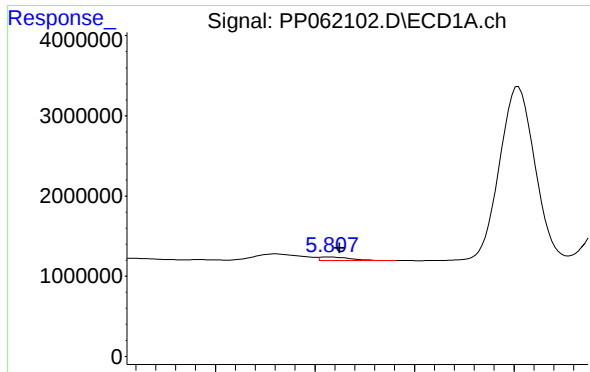
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.714 min
Response: 0
Conc: N.D.



#18 AR-1242-3

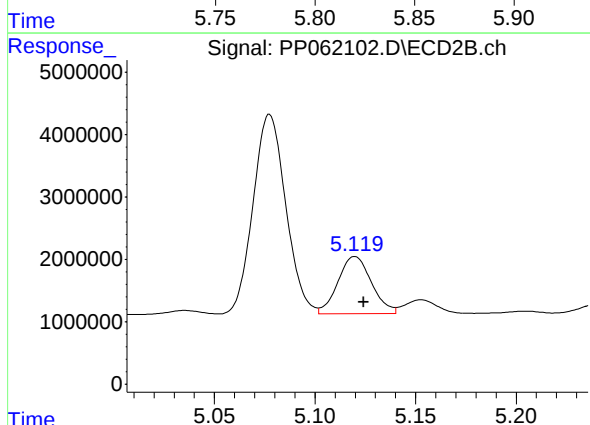
R.T.: 5.035 min
Delta R.T.: -0.004 min
Response: 695336
Conc: 17.16 ng/ml



#19 AR-1242-4

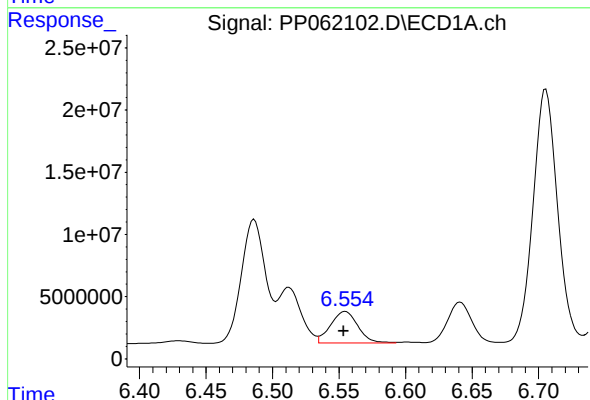
R.T.: 5.808 min
Delta R.T.: -0.005 min
Response: 451131
Conc: 14.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



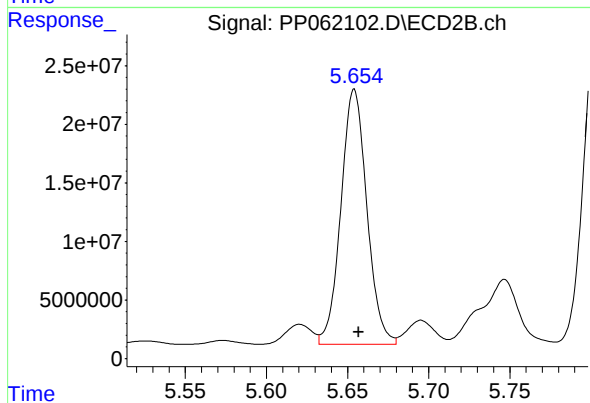
#19 AR-1242-4

R.T.: 5.120 min
Delta R.T.: -0.004 min
Response: 10675303
Conc: 236.52 ng/ml



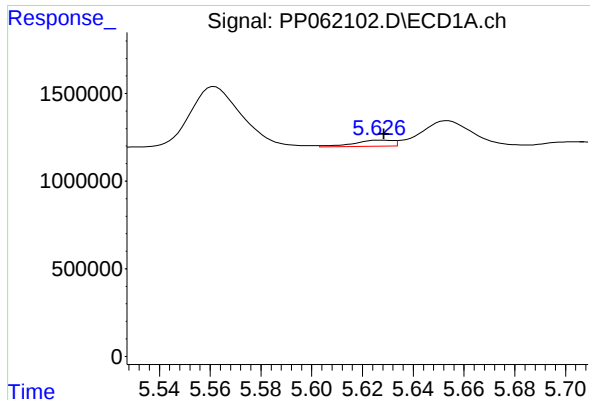
#20 AR-1242-5

R.T.: 6.555 min
Delta R.T.: 0.001 min
Response: 36250258
Conc: 1209.05 ng/ml



#20 AR-1242-5

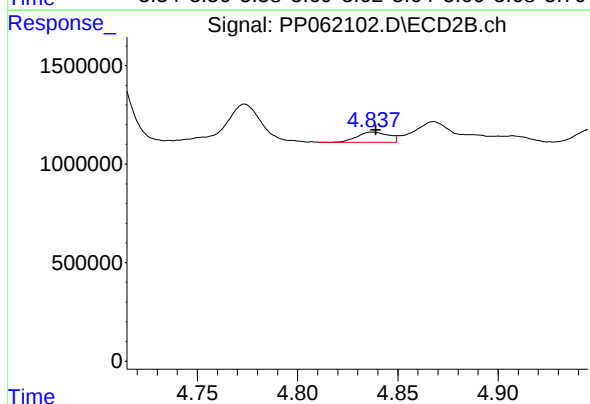
R.T.: 5.654 min
Delta R.T.: -0.003 min
Response: 242556815
Conc: 4635.13 ng/ml



#21 AR-1248-1

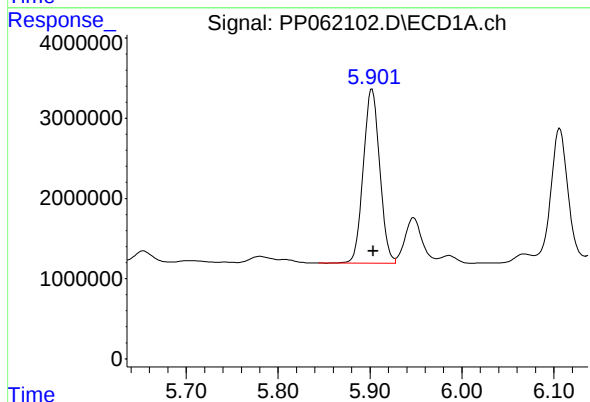
R.T.: 5.627 min
Delta R.T.: -0.001 min
Response: 373799
Conc: 12.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



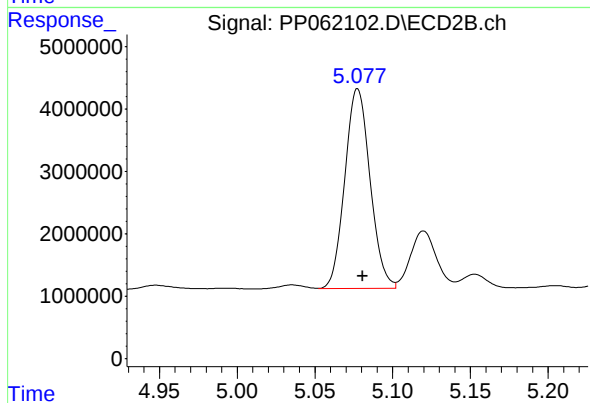
#21 AR-1248-1

R.T.: 4.837 min
Delta R.T.: -0.002 min
Response: 556508
Conc: 13.94 ng/ml



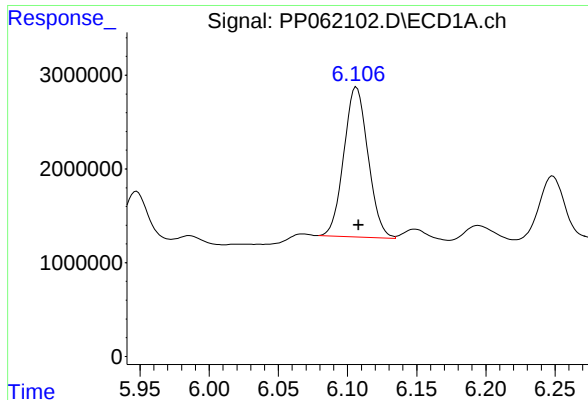
#22 AR-1248-2

R.T.: 5.902 min
Delta R.T.: -0.001 min
Response: 26885383
Conc: 549.56 ng/ml



#22 AR-1248-2

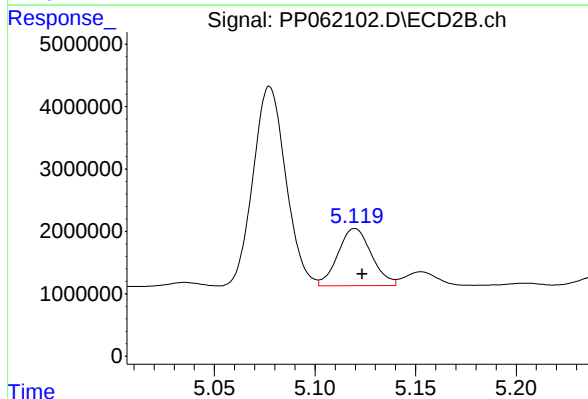
R.T.: 5.077 min
Delta R.T.: -0.003 min
Response: 36284218
Conc: 574.46 ng/ml



#23 AR-1248-3

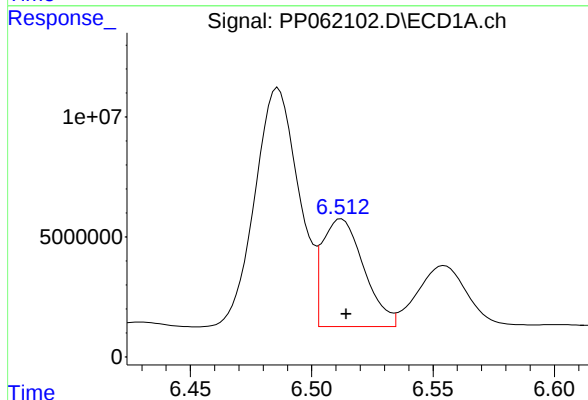
R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 19469979
Conc: 374.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



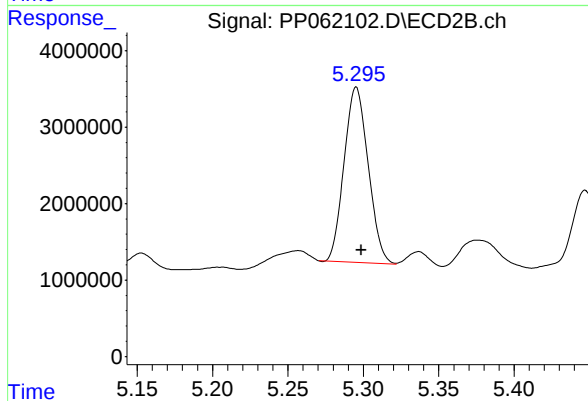
#23 AR-1248-3

R.T.: 5.120 min
Delta R.T.: -0.004 min
Response: 10675303
Conc: 162.77 ng/ml



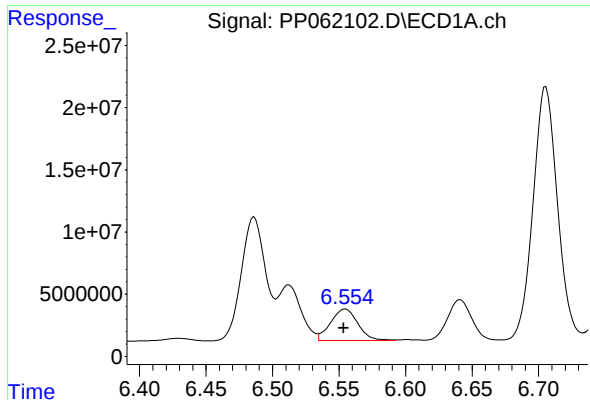
#24 AR-1248-4

R.T.: 6.512 min
Delta R.T.: -0.002 min
Response: 53377443
Conc: 1053.10 ng/ml



#24 AR-1248-4

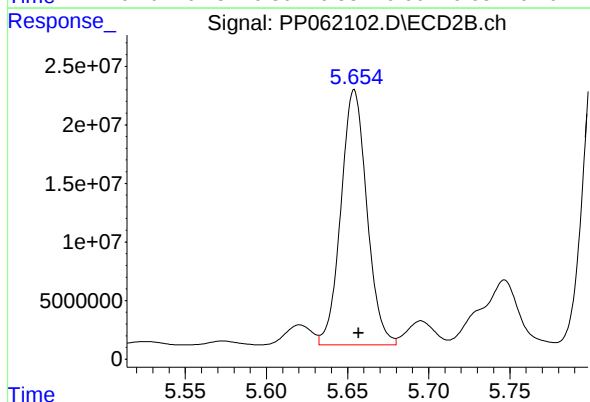
R.T.: 5.295 min
Delta R.T.: -0.003 min
Response: 25568853
Conc: 332.17 ng/ml



#25 AR-1248-5

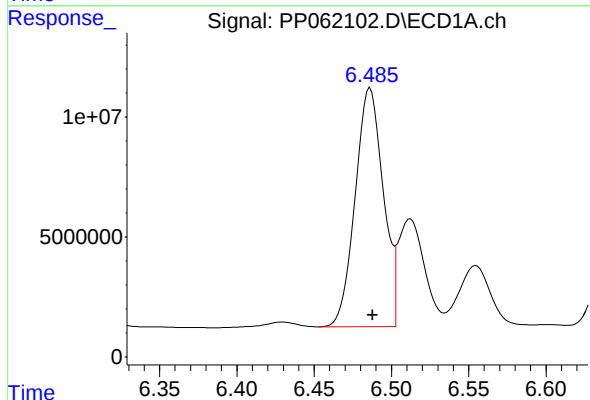
R.T.: 6.555 min
Delta R.T.: 0.001 min
Response: 36250258
Conc: 701.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



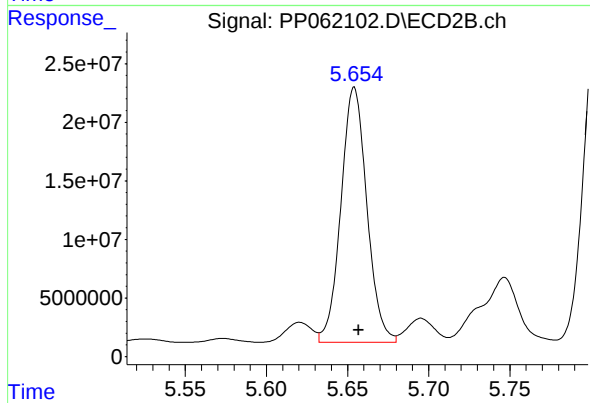
#25 AR-1248-5

R.T.: 5.654 min
Delta R.T.: -0.003 min
Response: 242556815
Conc: 2427.19 ng/ml



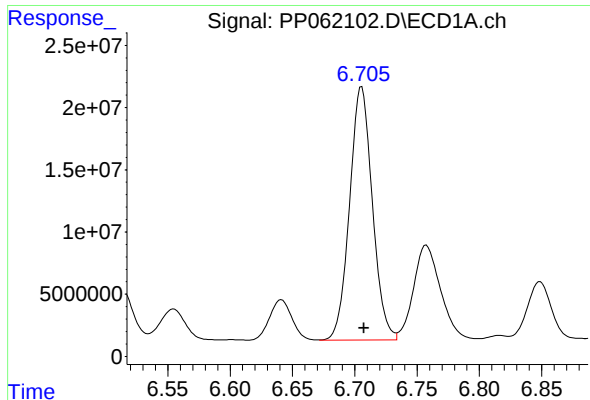
#26 AR-1254-1

R.T.: 6.486 min
Delta R.T.: -0.002 min
Response: 125906299
Conc: 2244.21 ng/ml



#26 AR-1254-1

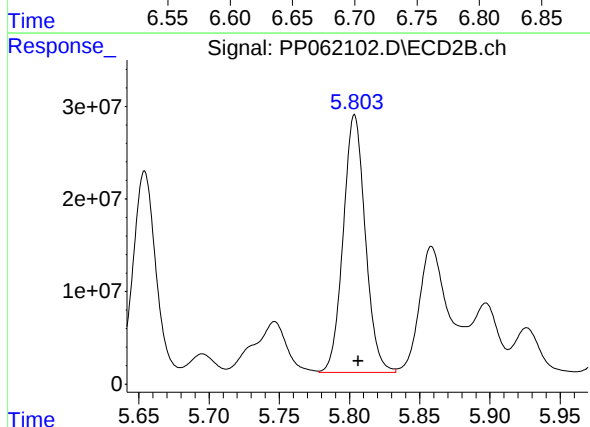
R.T.: 5.654 min
Delta R.T.: -0.003 min
Response: 242556815
Conc: 2227.66 ng/ml



#27 AR-1254-2

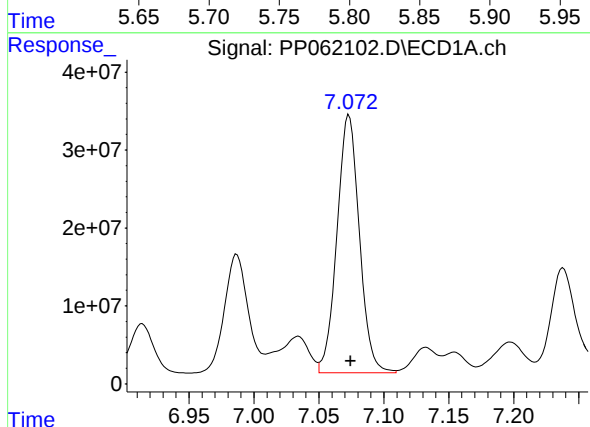
R.T.: 6.705 min
Delta R.T.: -0.002 min
Response: 259976473
Conc: 3117.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



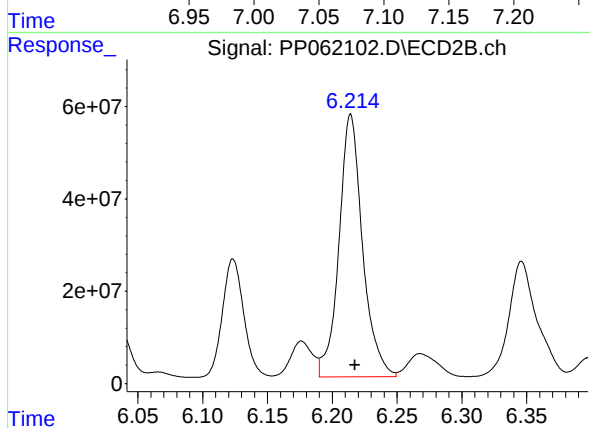
#27 AR-1254-2

R.T.: 5.804 min
Delta R.T.: -0.003 min
Response: 304729971
Conc: 3036.30 ng/ml



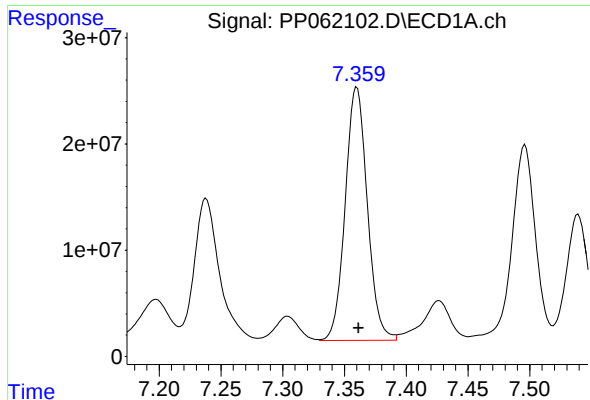
#28 AR-1254-3

R.T.: 7.073 min
Delta R.T.: -0.001 min
Response: 397323705
Conc: 4802.70 ng/ml



#28 AR-1254-3

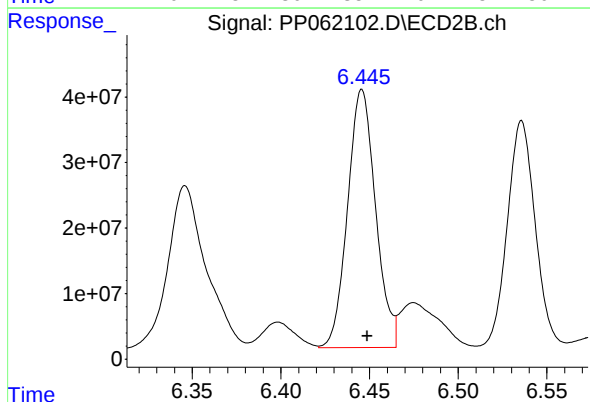
R.T.: 6.214 min
Delta R.T.: -0.003 min
Response: 721340706
Conc: 4617.31 ng/ml



#29 AR-1254-4

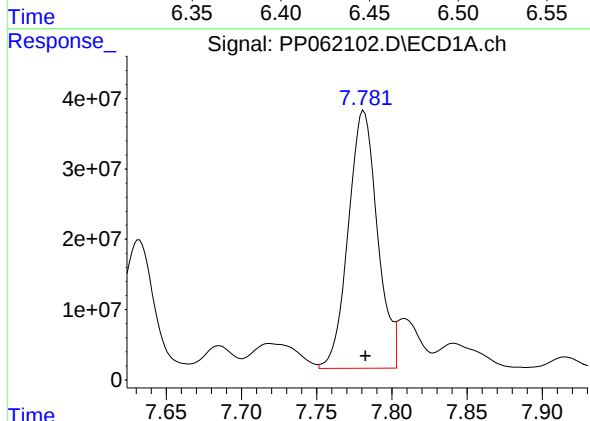
R.T.: 7.360 min
Delta R.T.: -0.002 min
Response: 296770514
Conc: 5659.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



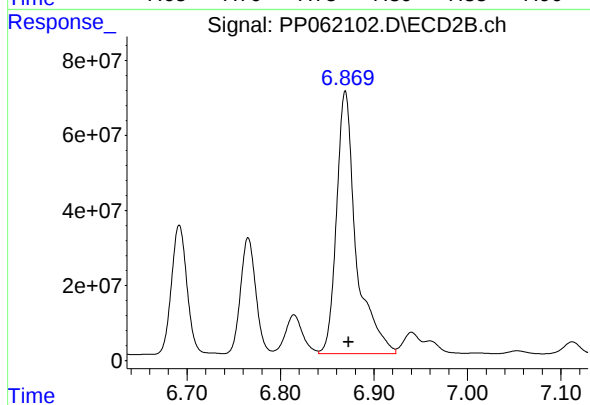
#29 AR-1254-4

R.T.: 6.446 min
Delta R.T.: -0.003 min
Response: 432447425
Conc: 5440.85 ng/ml



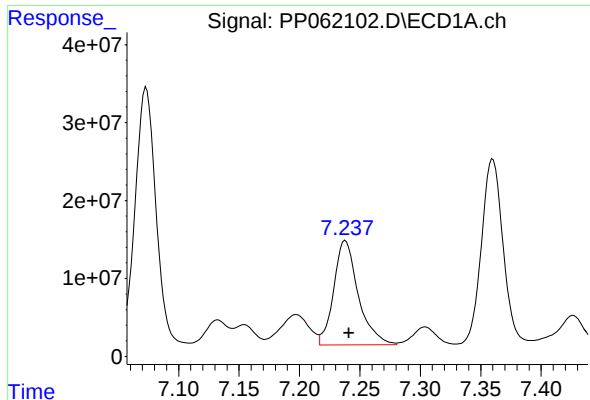
#30 AR-1254-5

R.T.: 7.781 min
Delta R.T.: -0.001 min
Response: 493396296
Conc: 7745.62 ng/ml



#30 AR-1254-5

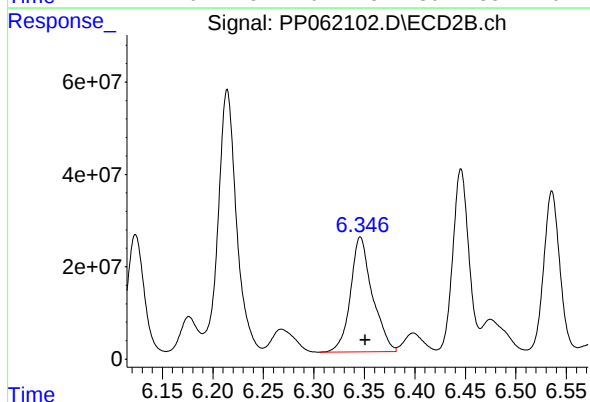
R.T.: 6.869 min
Delta R.T.: -0.004 min
Response: 1020531940
Conc: 7231.29 ng/ml



#31 AR-1260-1

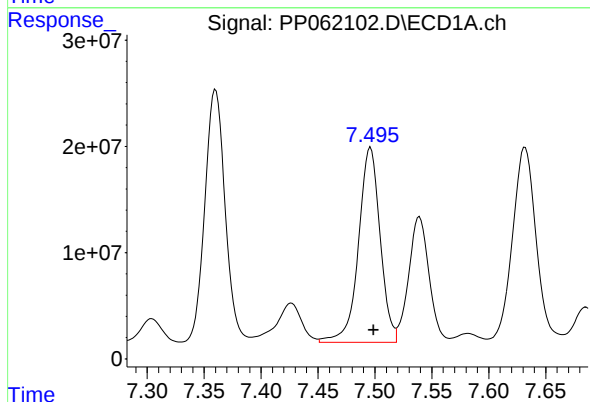
R.T.: 7.238 min
Delta R.T.: -0.003 min
Response: 189477071
Conc: 2773.82 ng/ml

Instrument : ECD_P
ClientSampleId :



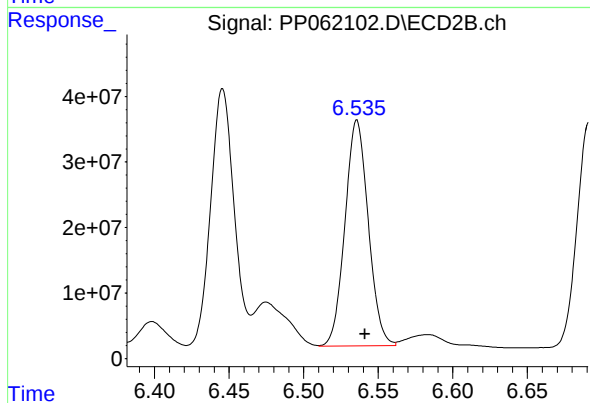
#31 AR-1260-1

R.T.: 6.346 min
Delta R.T.: -0.005 min
Response: 374556802
Conc: 3218.43 ng/ml



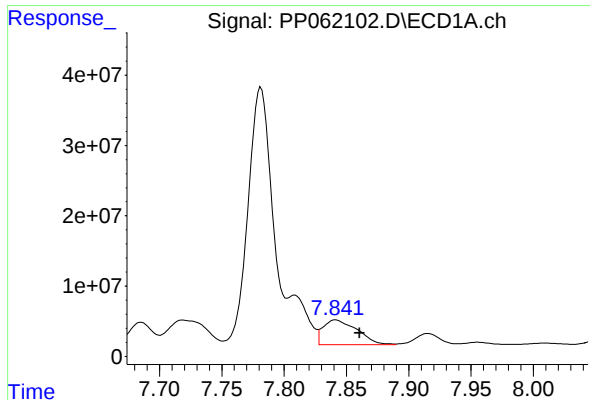
#32 AR-1260-2

R.T.: 7.496 min
Delta R.T.: -0.003 min
Response: 242112888
Conc: 3214.41 ng/ml



#32 AR-1260-2

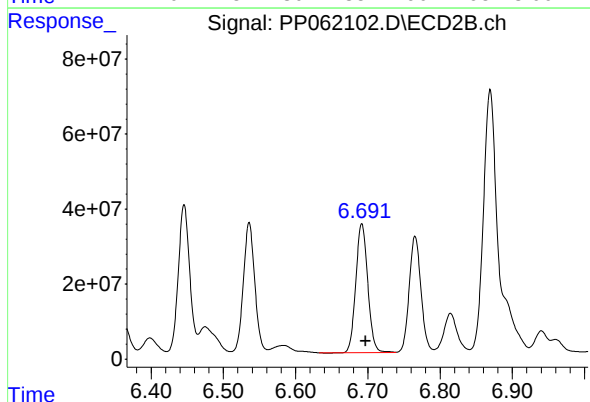
R.T.: 6.536 min
Delta R.T.: -0.005 min
Response: 374813059
Conc: 2750.86 ng/ml



#33 AR-1260-3

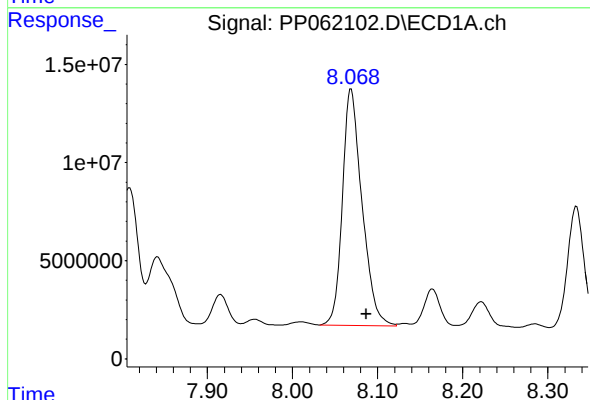
R.T.: 7.841 min
Delta R.T.: -0.019 min
Response: 67145927
Conc: 1296.10 ng/ml

Instrument : ECD_P
ClientSampleId :



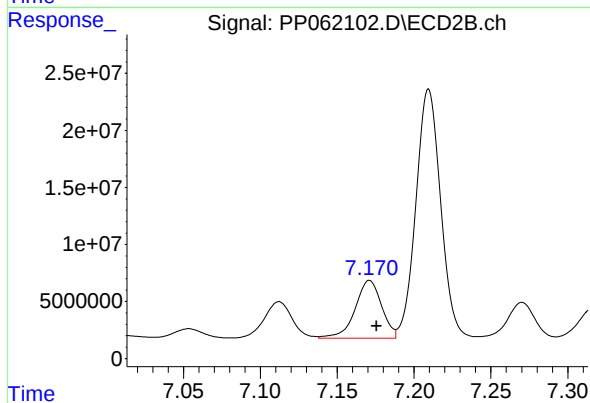
#33 AR-1260-3

R.T.: 6.692 min
Delta R.T.: -0.005 min
Response: 394756041
Conc: 3017.04 ng/ml



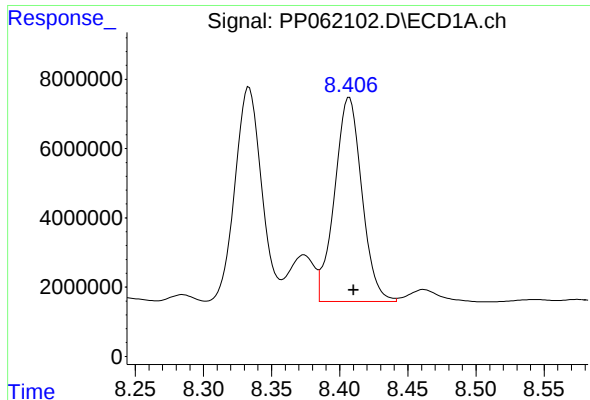
#34 AR-1260-4

R.T.: 8.069 min
Delta R.T.: -0.018 min
Response: 192596765
Conc: 3155.92 ng/ml



#34 AR-1260-4

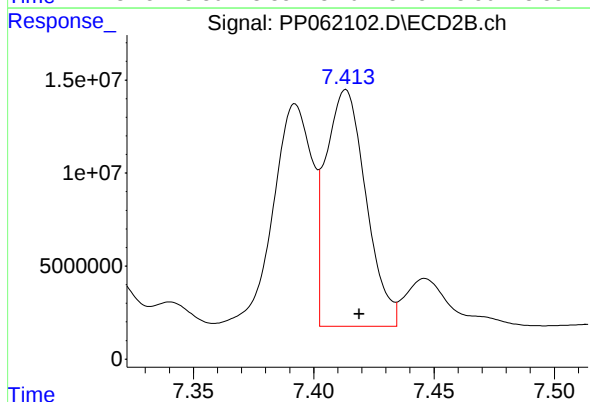
R.T.: 7.171 min
Delta R.T.: -0.005 min
Response: 60595167
Conc: 614.45 ng/ml



#35 AR-1260-5

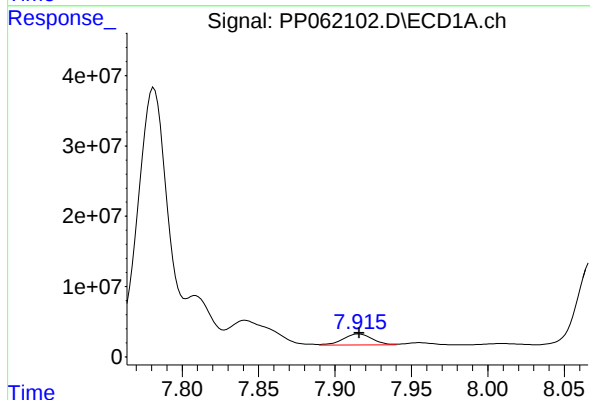
R.T.: 8.407 min
Delta R.T.: -0.003 min
Response: 82201804
Conc: 819.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



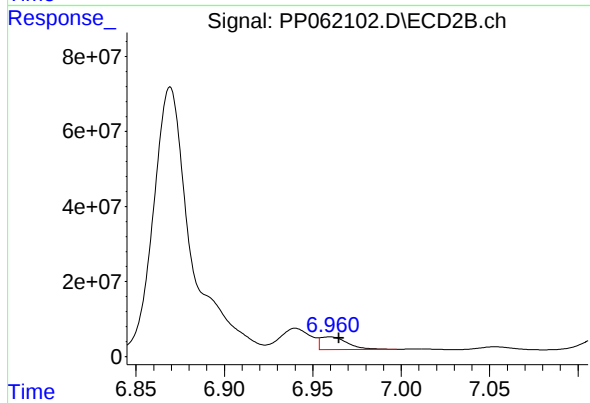
#35 AR-1260-5

R.T.: 7.413 min
Delta R.T.: -0.006 min
Response: 147722560
Conc: 689.88 ng/ml



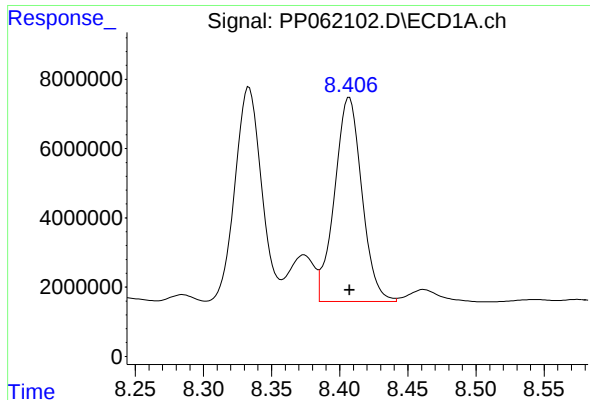
#36 AR-1262-1

R.T.: 7.915 min
Delta R.T.: 0.000 min
Response: 20818145
Conc: 588.30 ng/ml



#36 AR-1262-1

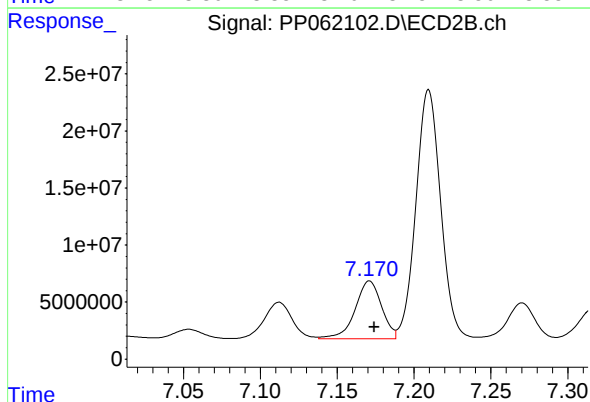
R.T.: 6.960 min
Delta R.T.: -0.005 min
Response: 35386165
Conc: 557.03 ng/ml



#37 AR-1262-2

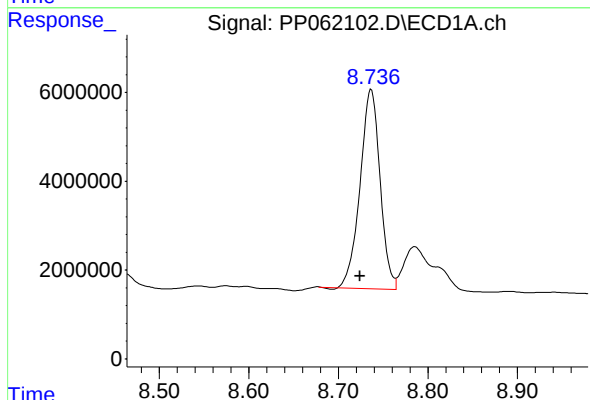
R.T.: 8.407 min
Delta R.T.: 0.000 min
Response: 82201804
Conc: 693.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



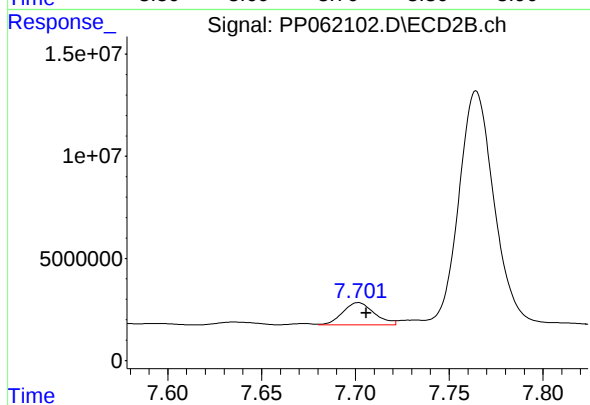
#37 AR-1262-2

R.T.: 7.171 min
Delta R.T.: -0.003 min
Response: 60595167
Conc: 448.60 ng/ml



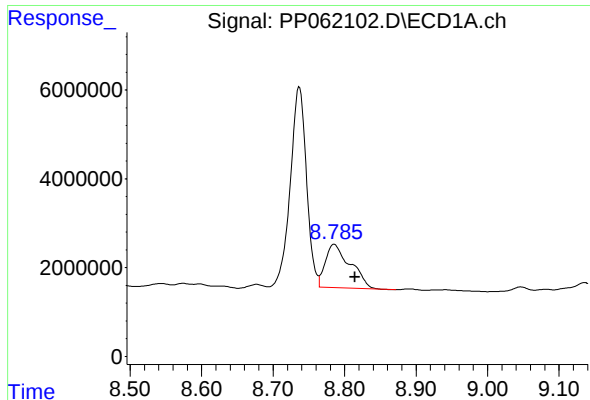
#38 AR-1262-3

R.T.: 8.737 min
Delta R.T.: 0.012 min
Response: 69875482
Conc: 797.77 ng/ml



#38 AR-1262-3

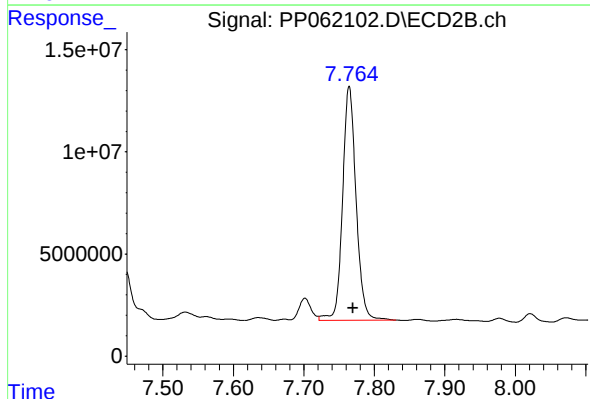
R.T.: 7.702 min
Delta R.T.: -0.004 min
Response: 12631779
Conc: 120.73 ng/ml



#39 AR-1262-4

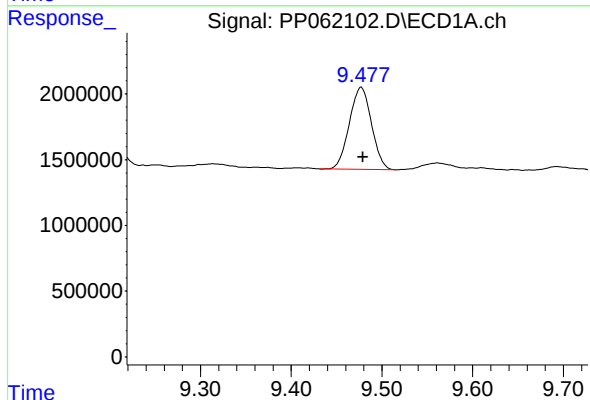
R.T.: 8.785 min
Delta R.T.: -0.029 min
Response: 23736233
Conc: 315.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



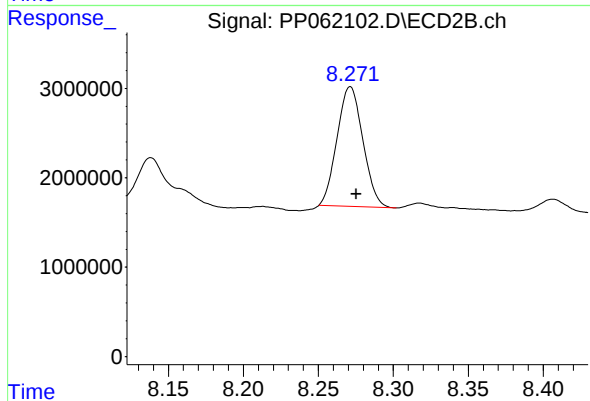
#39 AR-1262-4

R.T.: 7.764 min
Delta R.T.: -0.005 min
Response: 152753352
Conc: 847.46 ng/ml



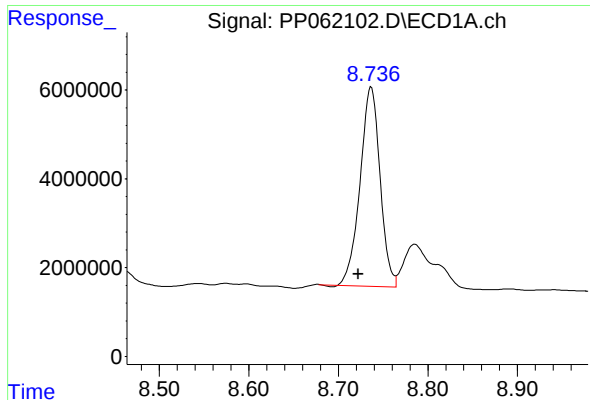
#40 AR-1262-5

R.T.: 9.477 min
Delta R.T.: -0.002 min
Response: 10581549
Conc: 246.05 ng/ml



#40 AR-1262-5

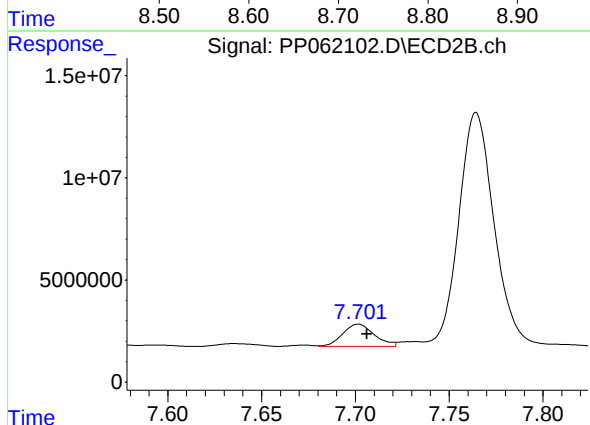
R.T.: 8.271 min
Delta R.T.: -0.004 min
Response: 16033331
Conc: 209.88 ng/ml



#41 AR-1268-1

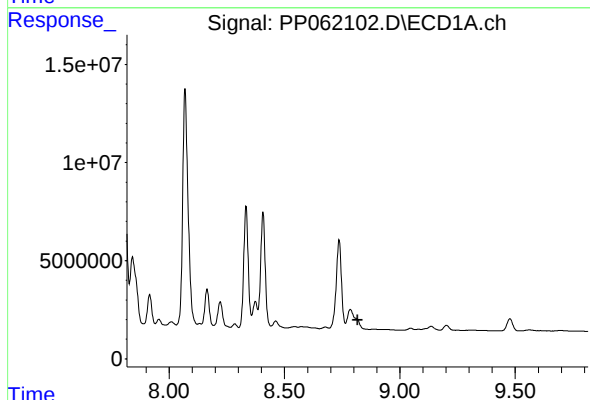
R.T.: 8.737 min
Delta R.T.: 0.014 min
Response: 69875482
Conc: 464.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



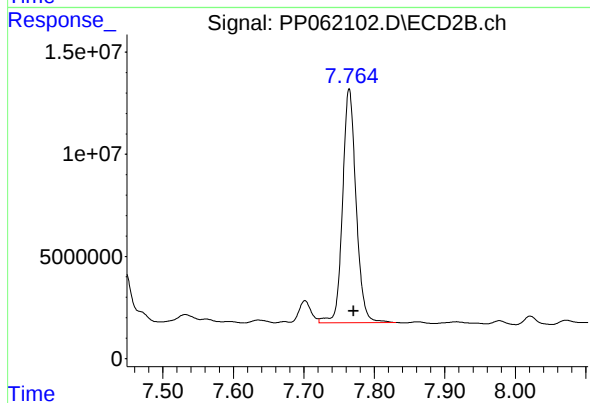
#41 AR-1268-1

R.T.: 7.702 min
Delta R.T.: -0.005 min
Response: 12631779
Conc: 42.11 ng/ml



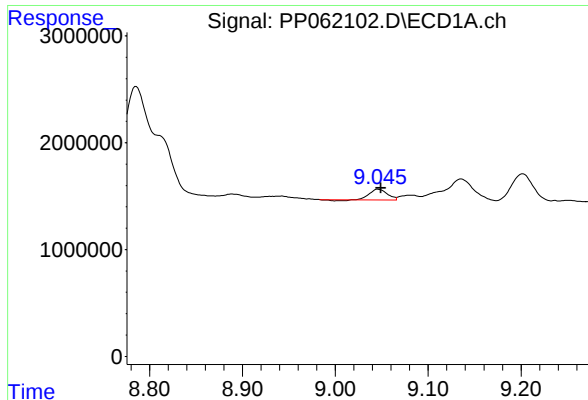
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.817 min
Response: 0
Conc: N.D.



#42 AR-1268-2

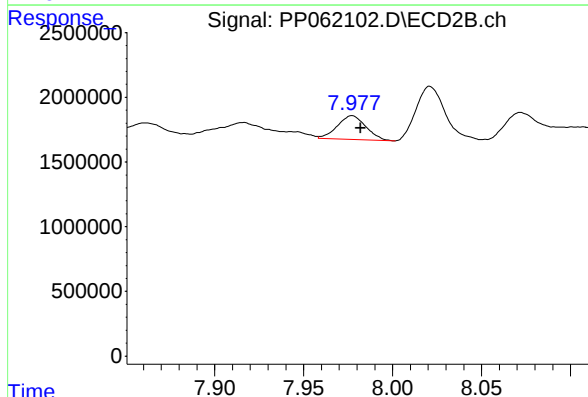
R.T.: 7.764 min
Delta R.T.: -0.006 min
Response: 152753352
Conc: 575.63 ng/ml



#43 AR-1268-3

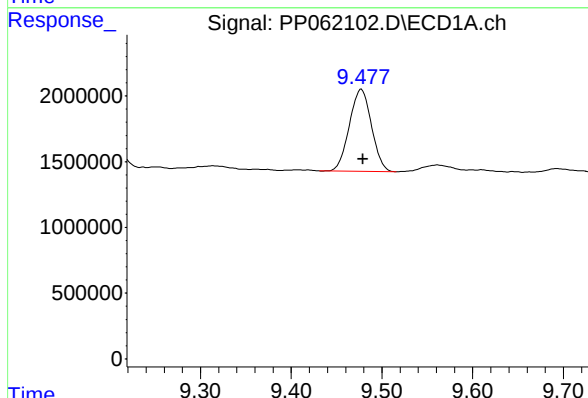
R.T.: 9.046 min
Delta R.T.: -0.003 min
Response: 1232547
Conc: 10.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



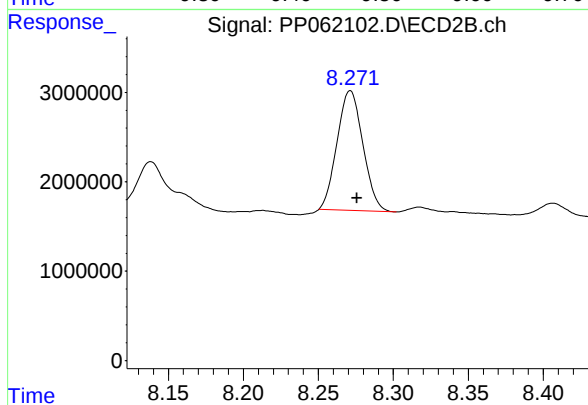
#43 AR-1268-3

R.T.: 7.977 min
Delta R.T.: -0.005 min
Response: 2060477
Conc: 8.48 ng/ml



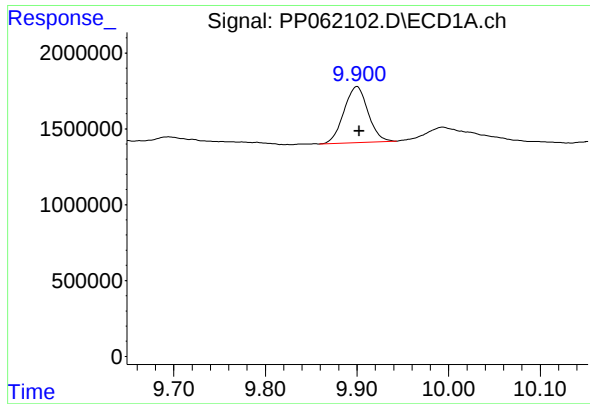
#44 AR-1268-4

R.T.: 9.477 min
Delta R.T.: -0.002 min
Response: 10581549
Conc: 234.38 ng/ml



#44 AR-1268-4

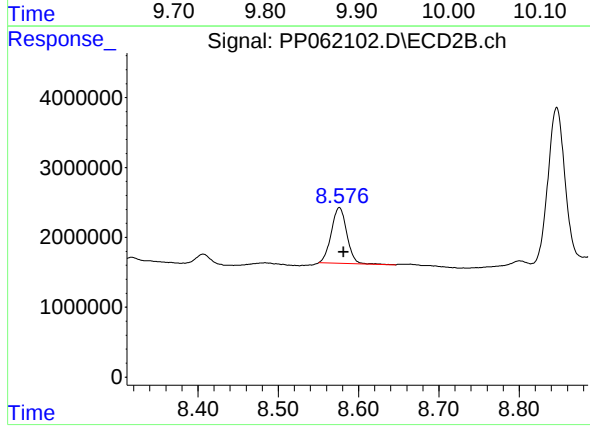
R.T.: 8.271 min
Delta R.T.: -0.004 min
Response: 16033331
Conc: 185.71 ng/ml



#45 AR-1268-5

R.T.: 9.900 min
Delta R.T.: -0.002 min
Response: 6749539
Conc: 20.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.576 min
Delta R.T.: -0.005 min
Response: 10631872
Conc: 15.38 ng/ml