

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022423\
 Data File : PP055955.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2023 21:29
 Operator : YP\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 00:45:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Feb 20 05:24:03 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...	4.322	3.566	83733944	65384237	51.969	44.778
2)	SA Decachlor...	10.061	8.565	95909302	56728169	47.015	50.003
Target Compounds							
3)	L1 AR-1016-1	5.491	4.646	19184438	12886449	321.489	286.174
4)	L1 AR-1016-2	5.514	4.664	23284833	13358853	266.145	205.698
5)	L1 AR-1016-3	5.576	4.842	11766559	8816339	211.820	253.686
6)	L1 AR-1016-4	5.673	4.883	13086032	19052684	293.663	637.411 #
7)	L1 AR-1016-5	5.970	5.096	32674156	22658544	676.699	573.148
8)	L2 AR-1221-1	4.536	3.776	48183	199515	2.315	11.107 #
9)	L2 AR-1221-2	4.628	3.863	1355590	1007426	85.221	76.708
10)	L2 AR-1221-3	4.694	3.939	1702986	1207827	35.104	28.939
11)	L3 AR-1232-1	4.694	3.939	1702986	1207827	42.994	35.085
12)	L3 AR-1232-2	5.223	4.664	8628575	13358853	415.406	455.153
13)	L3 AR-1232-3	5.514	4.842	23284833	8816339	590.932	580.126
14)	L3 AR-1232-4	5.673	4.924	13086032	19801197	668.006	1306.180 #
15)	L3 AR-1232-5	5.766	5.096	28197157	22658544	1763.060	1382.335
16)	L4 AR-1242-1	5.491	4.646	19184438	12886449	397.306	350.241
17)	L4 AR-1242-2	5.514	4.664	23284833	13358853	327.683	253.624
18)	L4 AR-1242-3	5.576	4.842	11766559	8816339	263.740	311.416
19)	L4 AR-1242-4	5.673	4.924	13086032	19801197	362.188	641.795 #
20)	L4 AR-1242-5	6.414	5.448	35913591	29286633	857.348	879.233
21)	L5 AR-1248-1	5.491	4.646	19184438	12886449	527.290	461.415
22)	L5 AR-1248-2	5.766	4.883	28197157	19052684	490.063	447.870
23)	L5 AR-1248-3	5.970	4.924	32674156	19801197	502.847	444.956
24)	L5 AR-1248-4	6.375	5.096	36537411	22658544	503.595	442.538
25)	L5 AR-1248-5	6.414	5.488	35913591	19959823	506.697	452.848
26)	L6 AR-1254-1	6.348	5.448	28354320	29286633	385.658	398.067
27)	L6 AR-1254-2	6.571	5.596	37072585	9138401	321.241	145.246 #
28)	L6 AR-1254-3	6.936	6.000	20430837	13698459	166.011	139.670
29)	L6 AR-1254-4	7.223	6.229	13833674	9142956	150.611	166.096
30)	L6 AR-1254-5	7.644	6.647	3858313	2685048	36.710	33.047
31)	L7 AR-1260-1	7.102	6.144	2603279	6516684	25.142	89.390 #
32)	L7 AR-1260-2	7.358	6.319	4215293	1175180	33.515	14.402 #
33)	L7 AR-1260-3	7.728	6.470	20367	1512308	0.232	17.896 #
34)	L7 AR-1260-4	7.934f	6.945	2261574	208755	21.043	3.262 #
35)	L7 AR-1260-5	8.261	7.187	651751	477638	3.157	3.529
36)	L8 AR-1262-1	7.728	6.737	20367	67496	0.173	1.915 #
37)	L8 AR-1262-2	8.261	6.945	651751	208755	2.970	2.811
38)	L8 AR-1262-3	8.595f	7.476	351140	97127	2.297	1.751
39)	L8 AR-1262-4	8.668	7.535	398638	450824	5.295	4.441
40)	L8 AR-1262-5	9.328	0.000	31472	0	0.382	N.D. #
41)	L9 AR-1268-1	8.595f	7.476	351140	97127	1.230	0.578 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP022423\
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 Acq On : 24 Feb 2023 21:29
 Operator : YP\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

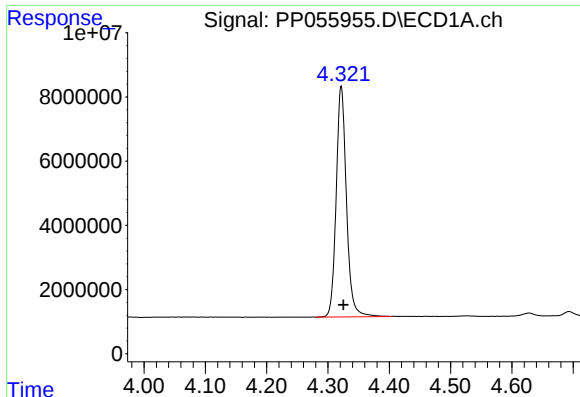
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 00:45:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP021723.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.668	7.535	398638	450824	1.495	2.947 #
43) L9	AR-1268-3	8.898	7.745	500550	146281	2.127	1.066 #
44) L9	AR-1268-4	9.328	0.000	31472	0	0.319	N.D. #
45) L9	AR-1268-5	9.727	8.318	513596	327077	0.682	0.811

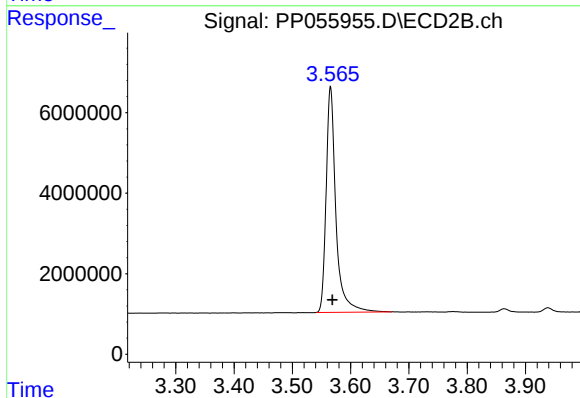
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

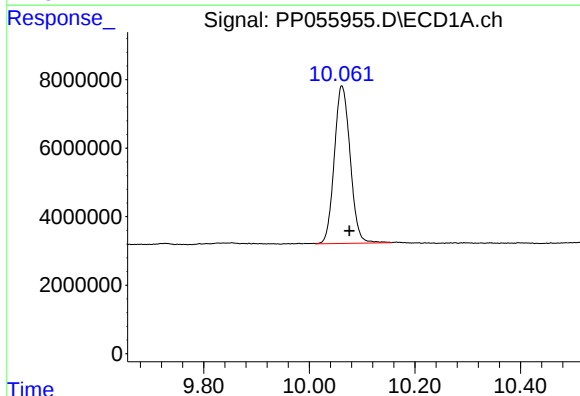
R.T.: 4.322 min
Delta R.T.: -0.003 min
Response: 83733944
Conc: 51.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



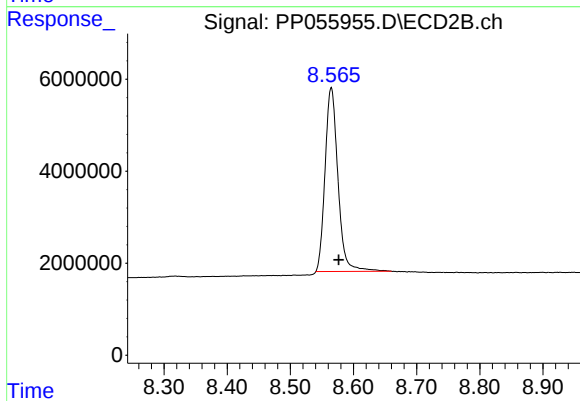
#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: -0.003 min
Response: 65384237
Conc: 44.78 ng/ml



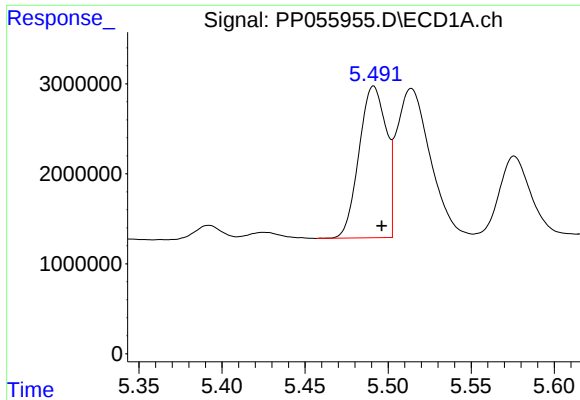
#2 Decachlorobiphenyl

R.T.: 10.061 min
Delta R.T.: -0.014 min
Response: 95909302
Conc: 47.02 ng/ml



#2 Decachlorobiphenyl

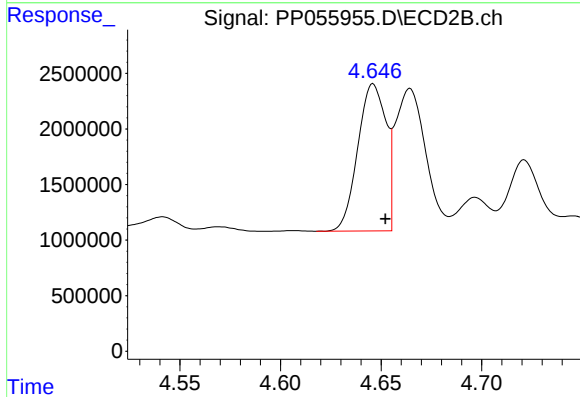
R.T.: 8.565 min
Delta R.T.: -0.012 min
Response: 56728169
Conc: 50.00 ng/ml



#3 AR-1016-1

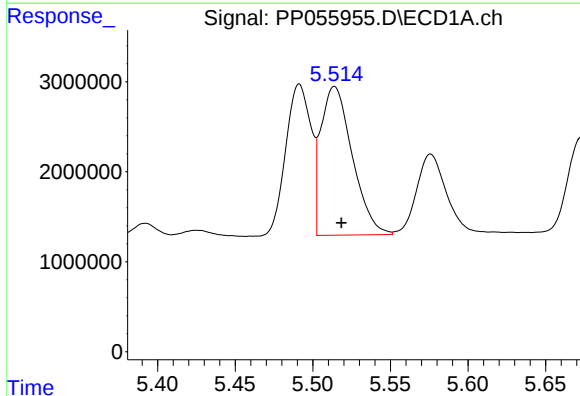
R.T.: 5.491 min
Delta R.T.: -0.005 min
Response: 19184438
Conc: 321.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



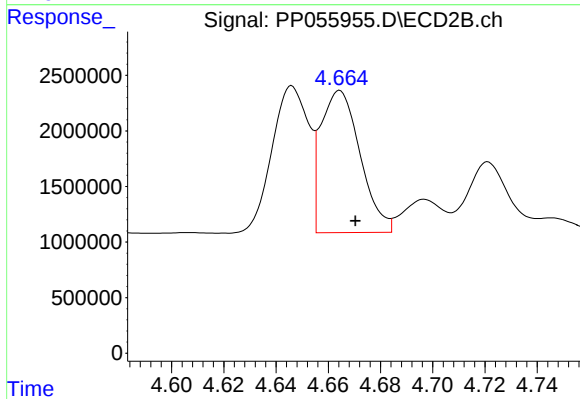
#3 AR-1016-1

R.T.: 4.646 min
Delta R.T.: -0.006 min
Response: 12886449
Conc: 286.17 ng/ml



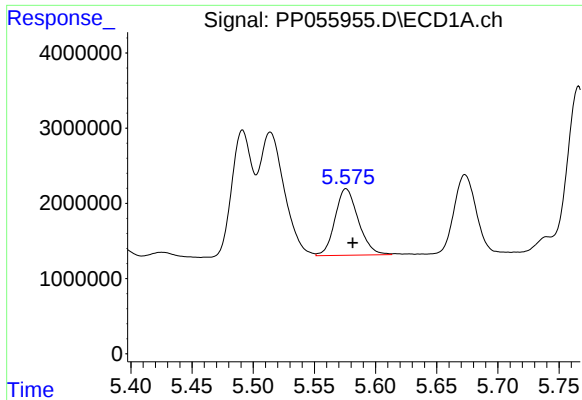
#4 AR-1016-2

R.T.: 5.514 min
Delta R.T.: -0.004 min
Response: 23284833
Conc: 266.15 ng/ml



#4 AR-1016-2

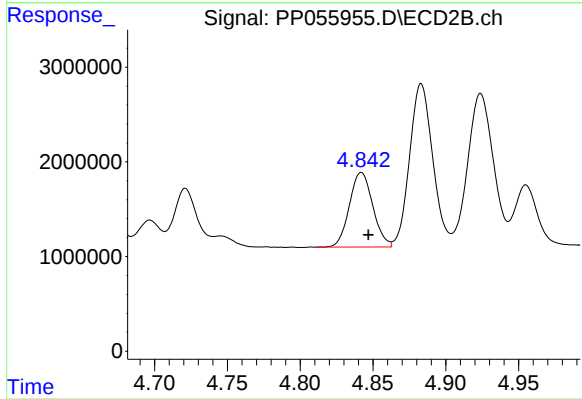
R.T.: 4.664 min
Delta R.T.: -0.006 min
Response: 13358853
Conc: 205.70 ng/ml



#5 AR-1016-3

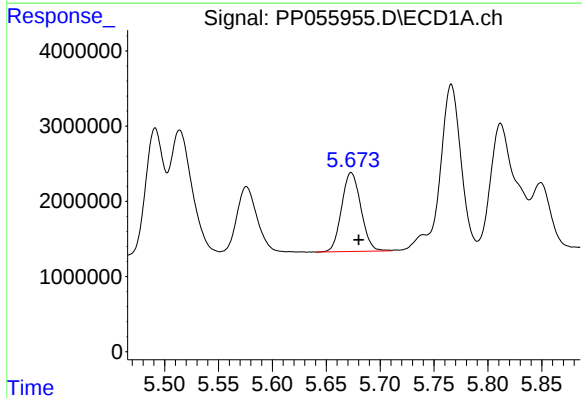
R.T.: 5.576 min
Delta R.T.: -0.005 min
Response: 11766559
Conc: 211.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



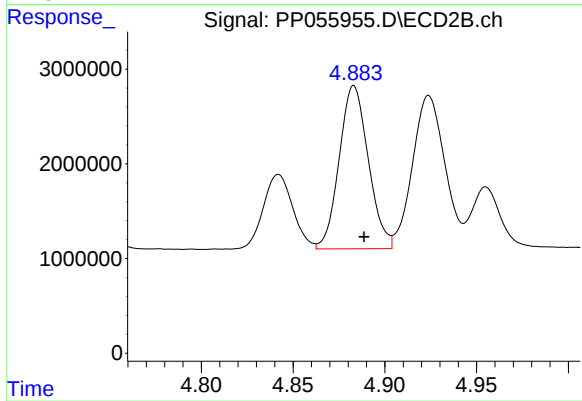
#5 AR-1016-3

R.T.: 4.842 min
Delta R.T.: -0.005 min
Response: 8816339
Conc: 253.69 ng/ml



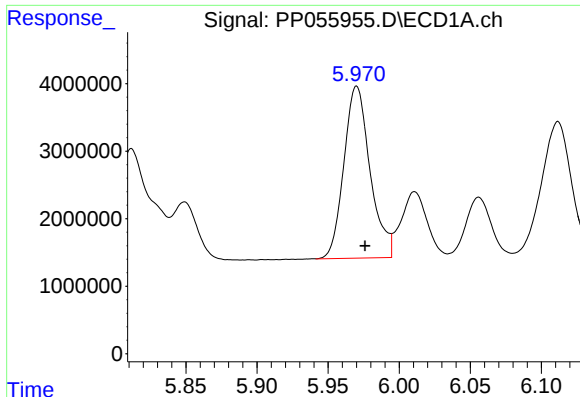
#6 AR-1016-4

R.T.: 5.673 min
Delta R.T.: -0.007 min
Response: 13086032
Conc: 293.66 ng/ml



#6 AR-1016-4

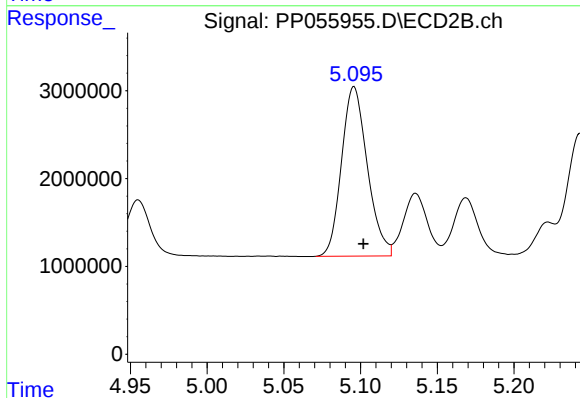
R.T.: 4.883 min
Delta R.T.: -0.006 min
Response: 19052684
Conc: 637.41 ng/ml



#7 AR-1016-5

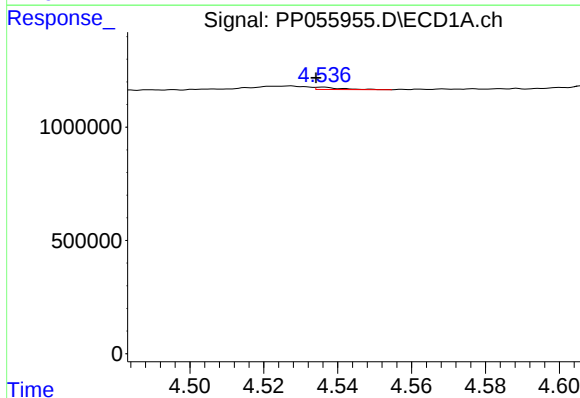
R.T.: 5.970 min
Delta R.T.: -0.006 min
Response: 32674156
Conc: 676.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



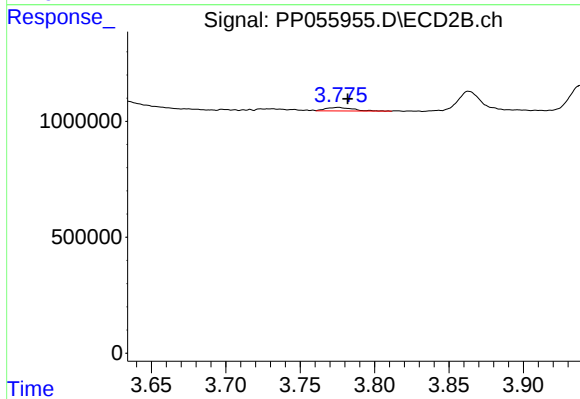
#7 AR-1016-5

R.T.: 5.096 min
Delta R.T.: -0.006 min
Response: 22658544
Conc: 573.15 ng/ml



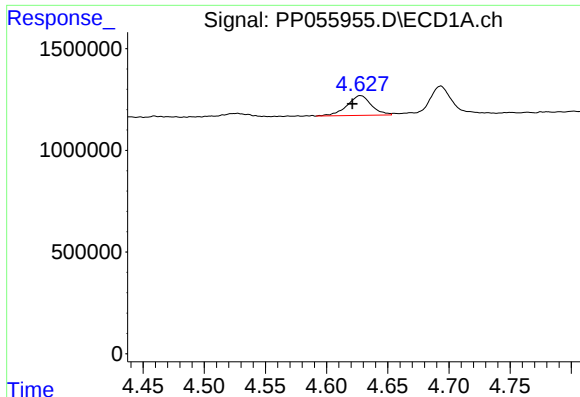
#8 AR-1221-1

R.T.: 4.536 min
Delta R.T.: 0.002 min
Response: 48183
Conc: 2.31 ng/ml



#8 AR-1221-1

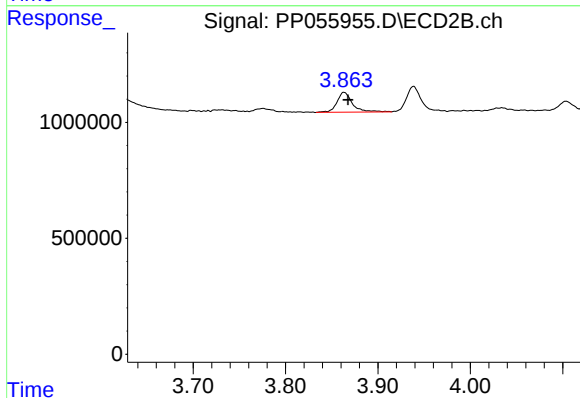
R.T.: 3.776 min
Delta R.T.: -0.006 min
Response: 199515
Conc: 11.11 ng/ml



#9 AR-1221-2

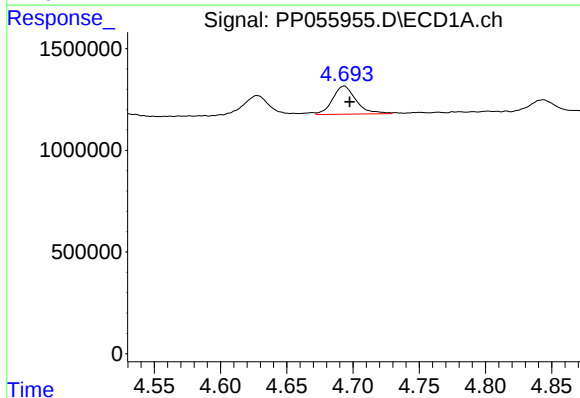
R.T.: 4.628 min
Delta R.T.: 0.007 min
Response: 1355590
Conc: 85.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



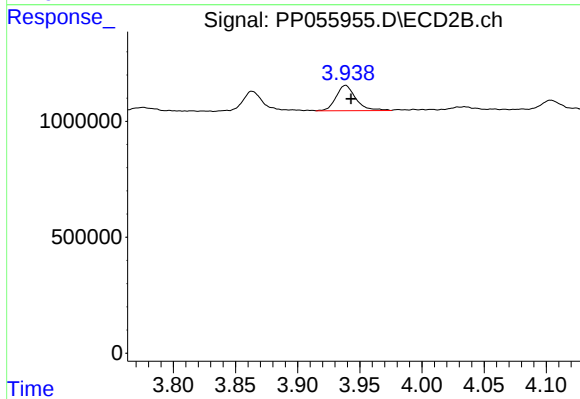
#9 AR-1221-2

R.T.: 3.863 min
Delta R.T.: -0.004 min
Response: 1007426
Conc: 76.71 ng/ml



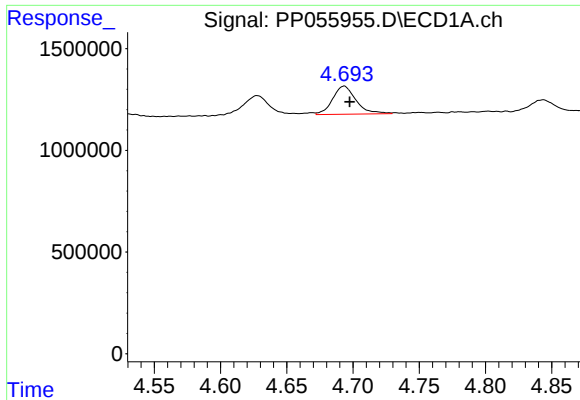
#10 AR-1221-3

R.T.: 4.694 min
Delta R.T.: -0.004 min
Response: 1702986
Conc: 35.10 ng/ml



#10 AR-1221-3

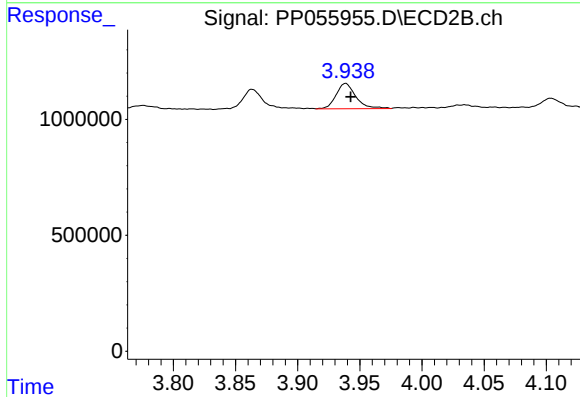
R.T.: 3.939 min
Delta R.T.: -0.004 min
Response: 1207827
Conc: 28.94 ng/ml



#11 AR-1232-1

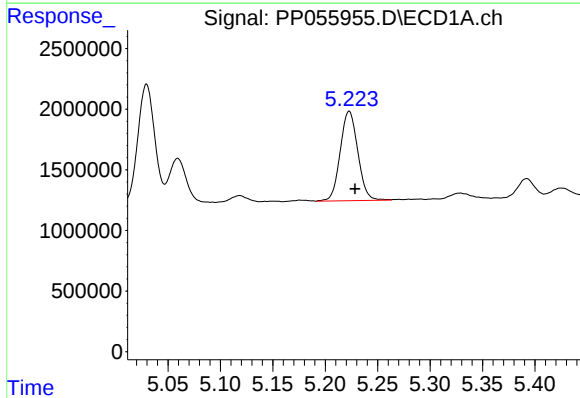
R.T.: 4.694 min
Delta R.T.: -0.004 min
Response: 1702986
Conc: 42.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



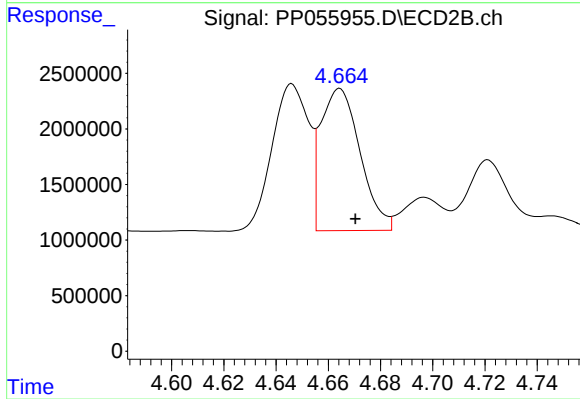
#11 AR-1232-1

R.T.: 3.939 min
Delta R.T.: -0.004 min
Response: 1207827
Conc: 35.09 ng/ml



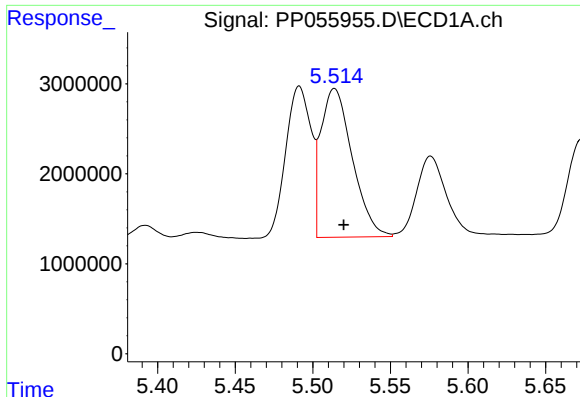
#12 AR-1232-2

R.T.: 5.223 min
Delta R.T.: -0.005 min
Response: 8628575
Conc: 415.41 ng/ml



#12 AR-1232-2

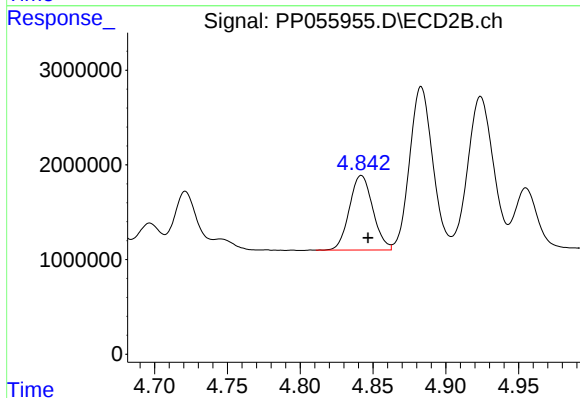
R.T.: 4.664 min
Delta R.T.: -0.006 min
Response: 13358853
Conc: 455.15 ng/ml



#13 AR-1232-3

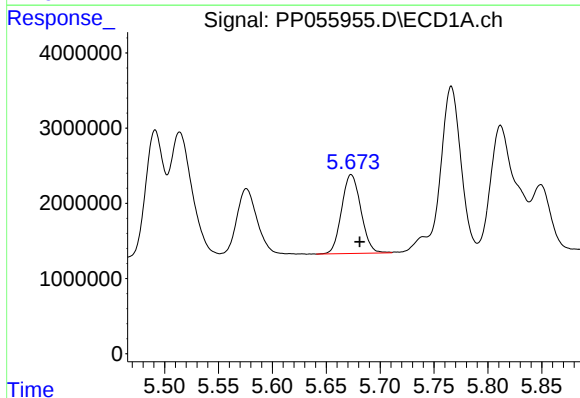
R.T.: 5.514 min
Delta R.T.: -0.006 min
Response: 23284833
Conc: 590.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



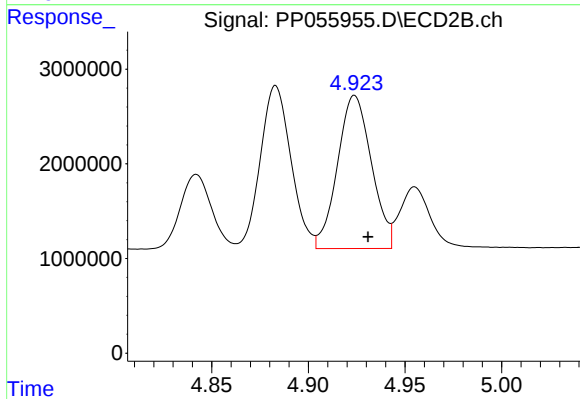
#13 AR-1232-3

R.T.: 4.842 min
Delta R.T.: -0.005 min
Response: 8816339
Conc: 580.13 ng/ml



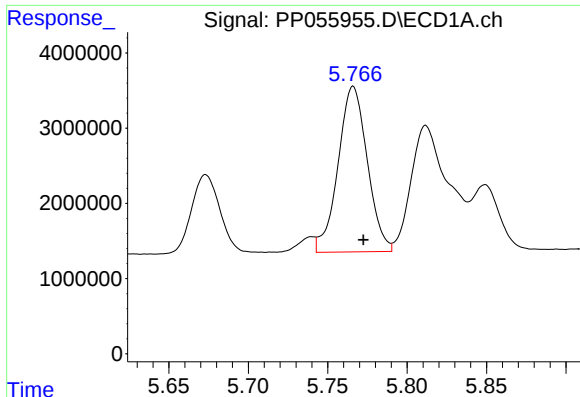
#14 AR-1232-4

R.T.: 5.673 min
Delta R.T.: -0.008 min
Response: 13086032
Conc: 668.01 ng/ml



#14 AR-1232-4

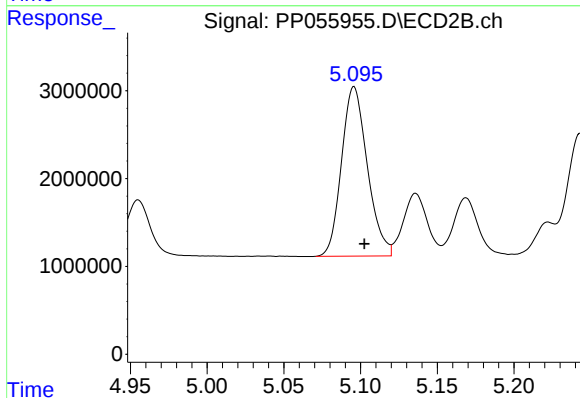
R.T.: 4.924 min
Delta R.T.: -0.007 min
Response: 19801197
Conc: 1306.18 ng/ml



#15 AR-1232-5

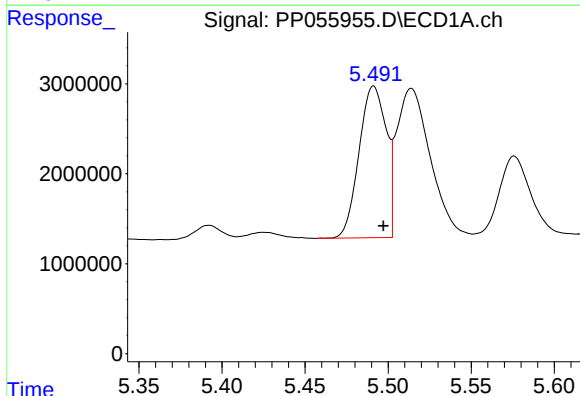
R.T.: 5.766 min
Delta R.T.: -0.006 min
Response: 28197157
Conc: 1763.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



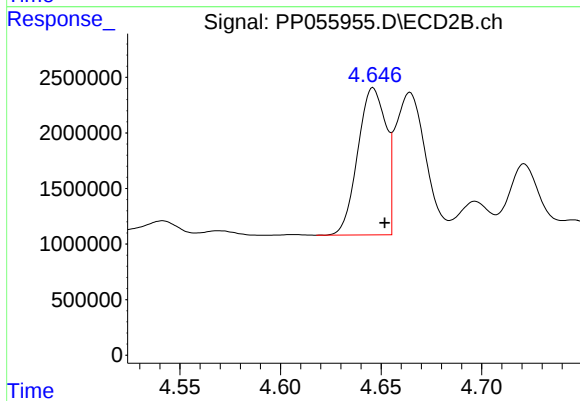
#15 AR-1232-5

R.T.: 5.096 min
Delta R.T.: -0.007 min
Response: 22658544
Conc: 1382.33 ng/ml



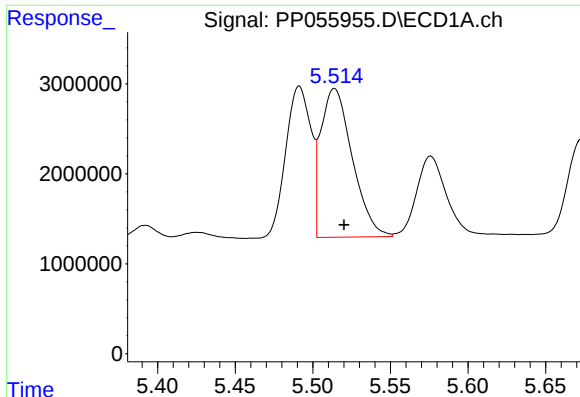
#16 AR-1242-1

R.T.: 5.491 min
Delta R.T.: -0.006 min
Response: 19184438
Conc: 397.31 ng/ml



#16 AR-1242-1

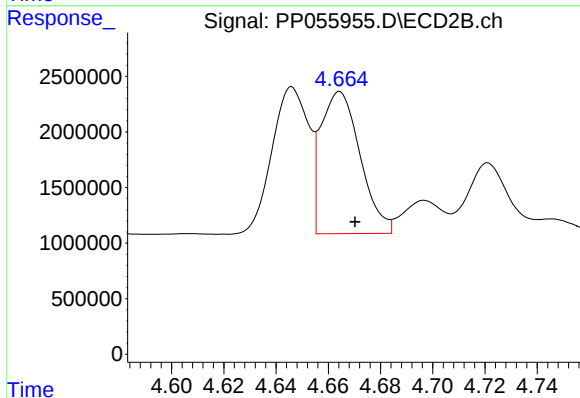
R.T.: 4.646 min
Delta R.T.: -0.006 min
Response: 12886449
Conc: 350.24 ng/ml



#17 AR-1242-2

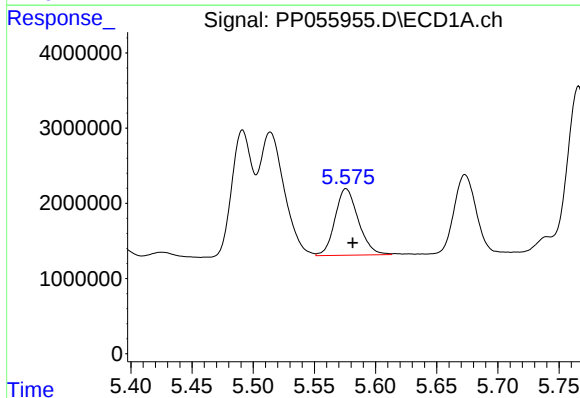
R.T.: 5.514 min
Delta R.T.: -0.006 min
Response: 23284833
Conc: 327.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



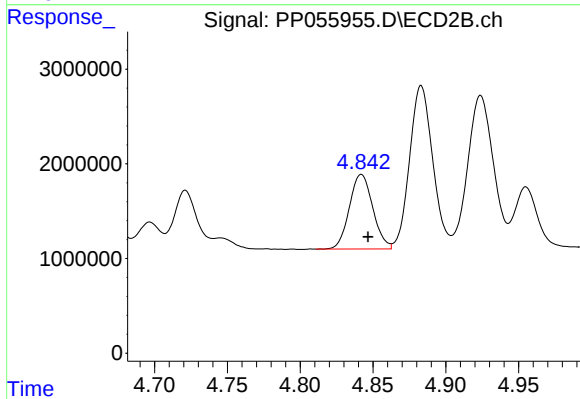
#17 AR-1242-2

R.T.: 4.664 min
Delta R.T.: -0.006 min
Response: 13358853
Conc: 253.62 ng/ml



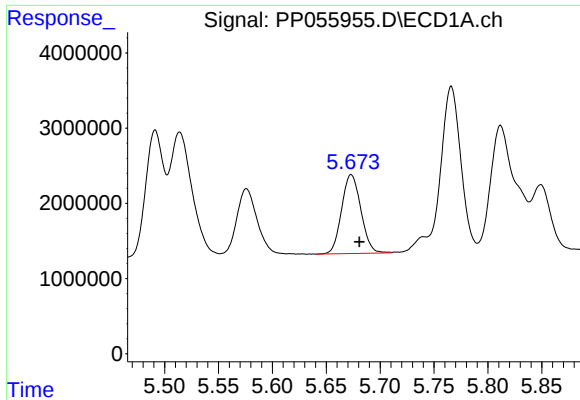
#18 AR-1242-3

R.T.: 5.576 min
Delta R.T.: -0.005 min
Response: 11766559
Conc: 263.74 ng/ml



#18 AR-1242-3

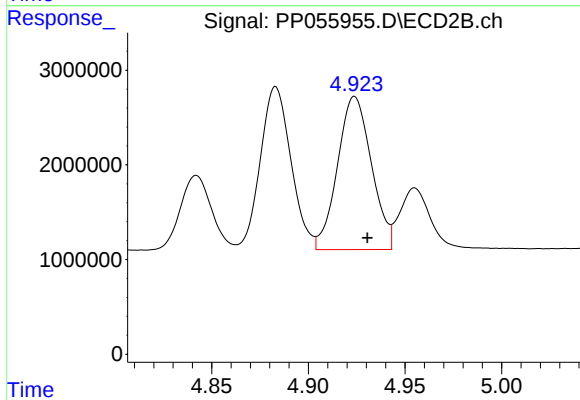
R.T.: 4.842 min
Delta R.T.: -0.005 min
Response: 8816339
Conc: 311.42 ng/ml



#19 AR-1242-4

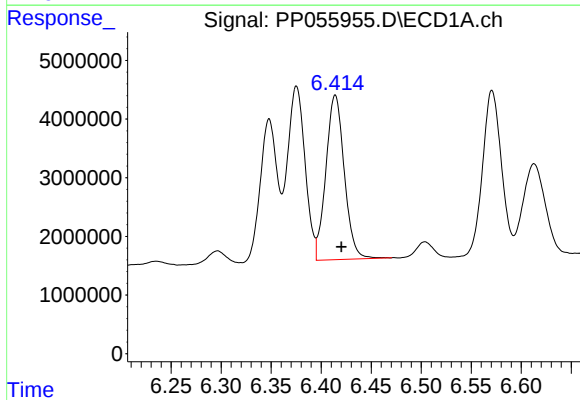
R.T.: 5.673 min
Delta R.T.: -0.008 min
Response: 13086032
Conc: 362.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



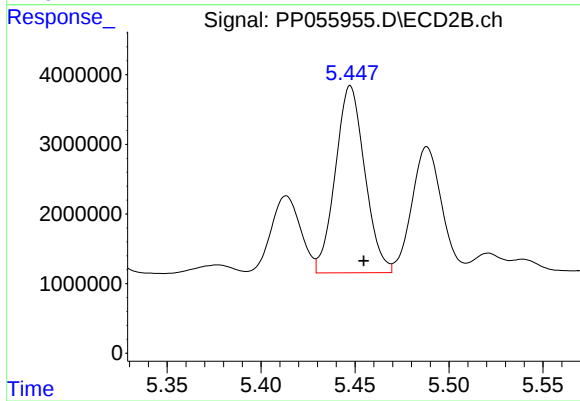
#19 AR-1242-4

R.T.: 4.924 min
Delta R.T.: -0.007 min
Response: 19801197
Conc: 641.79 ng/ml



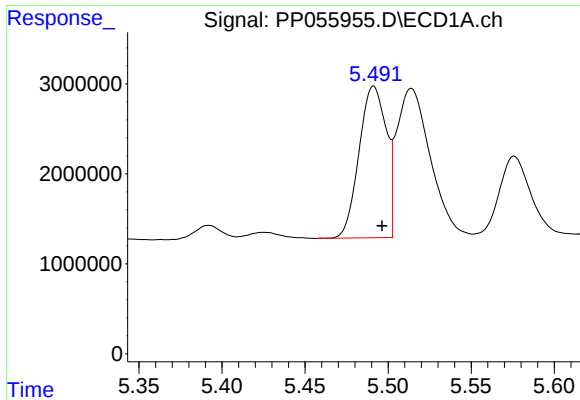
#20 AR-1242-5

R.T.: 6.414 min
Delta R.T.: -0.006 min
Response: 35913591
Conc: 857.35 ng/ml



#20 AR-1242-5

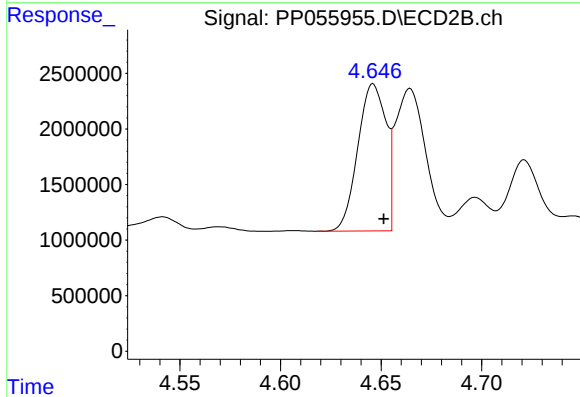
R.T.: 5.448 min
Delta R.T.: -0.007 min
Response: 29286633
Conc: 879.23 ng/ml



#21 AR-1248-1

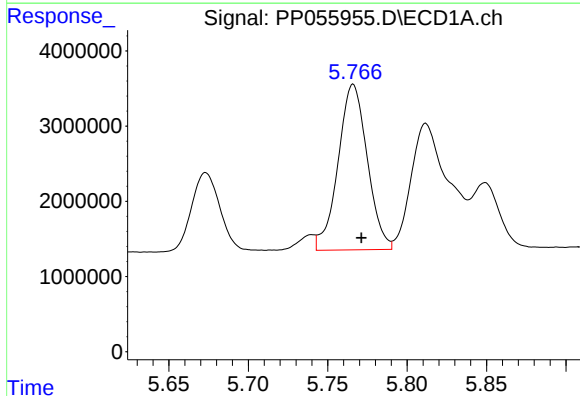
R.T.: 5.491 min
Delta R.T.: -0.005 min
Response: 19184438
Conc: 527.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



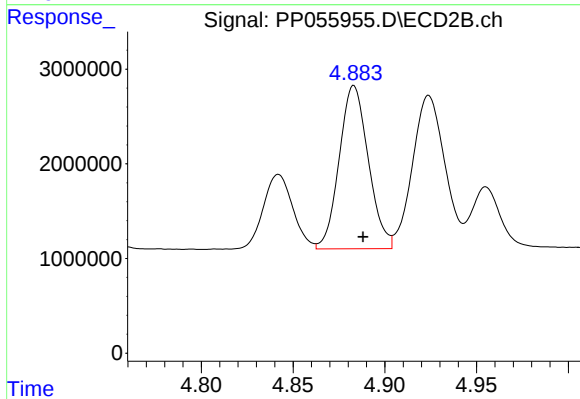
#21 AR-1248-1

R.T.: 4.646 min
Delta R.T.: -0.005 min
Response: 12886449
Conc: 461.42 ng/ml



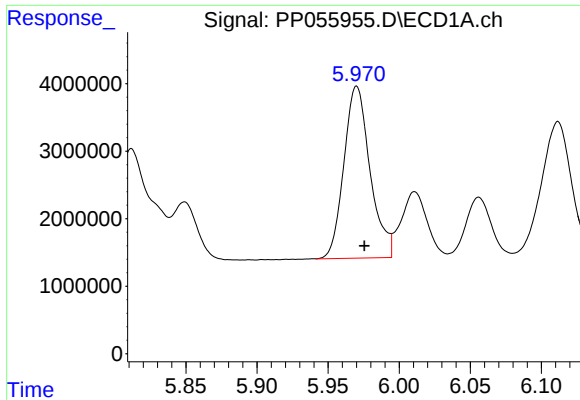
#22 AR-1248-2

R.T.: 5.766 min
Delta R.T.: -0.005 min
Response: 28197157
Conc: 490.06 ng/ml



#22 AR-1248-2

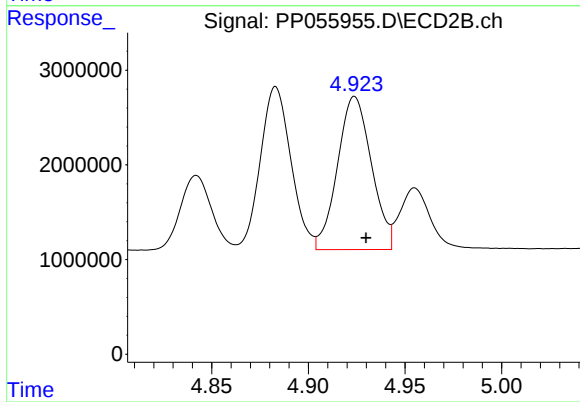
R.T.: 4.883 min
Delta R.T.: -0.005 min
Response: 19052684
Conc: 447.87 ng/ml



#23 AR-1248-3

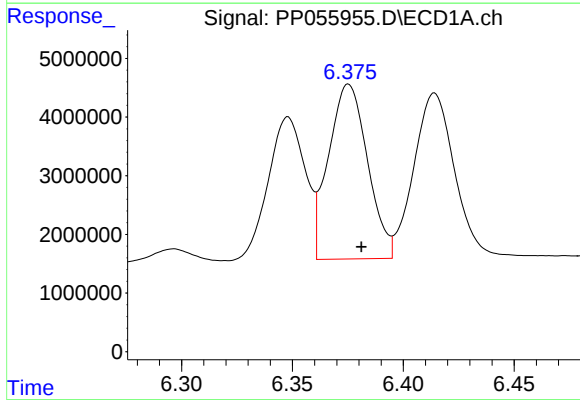
R.T.: 5.970 min
Delta R.T.: -0.005 min
Response: 32674156
Conc: 502.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



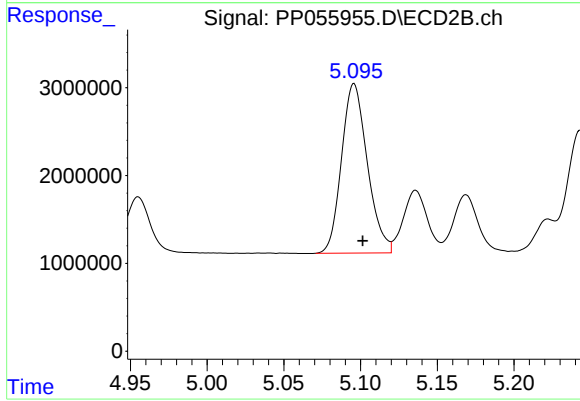
#23 AR-1248-3

R.T.: 4.924 min
Delta R.T.: -0.006 min
Response: 19801197
Conc: 444.96 ng/ml



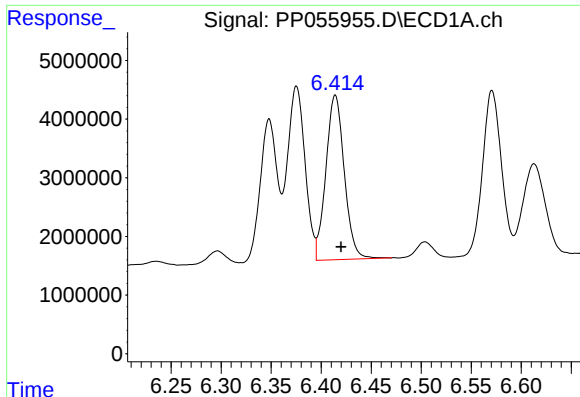
#24 AR-1248-4

R.T.: 6.375 min
Delta R.T.: -0.006 min
Response: 36537411
Conc: 503.60 ng/ml



#24 AR-1248-4

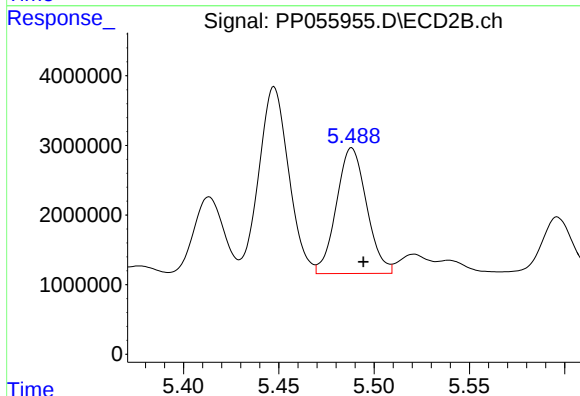
R.T.: 5.096 min
Delta R.T.: -0.006 min
Response: 22658544
Conc: 442.54 ng/ml



#25 AR-1248-5

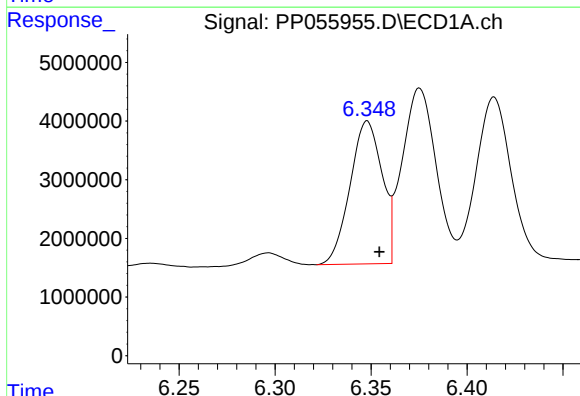
R.T.: 6.414 min
Delta R.T.: -0.006 min
Response: 35913591
Conc: 506.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



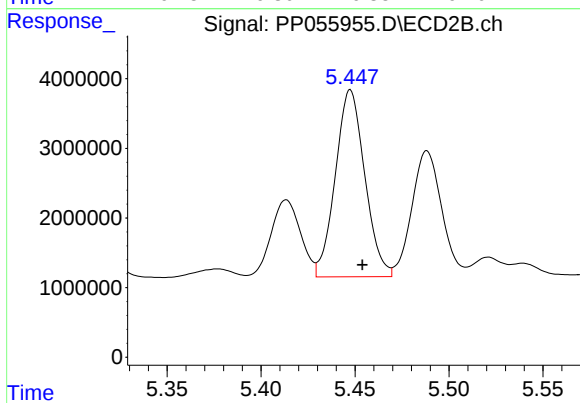
#25 AR-1248-5

R.T.: 5.488 min
Delta R.T.: -0.006 min
Response: 19959823
Conc: 452.85 ng/ml



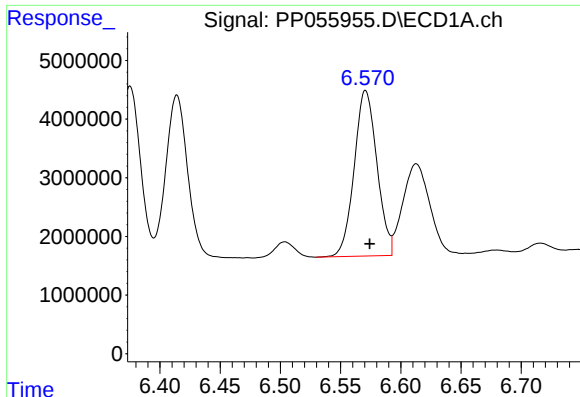
#26 AR-1254-1

R.T.: 6.348 min
Delta R.T.: -0.006 min
Response: 28354320
Conc: 385.66 ng/ml



#26 AR-1254-1

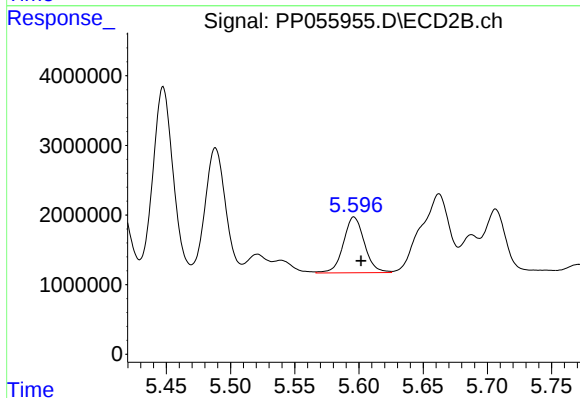
R.T.: 5.448 min
Delta R.T.: -0.006 min
Response: 29286633
Conc: 398.07 ng/ml



#27 AR-1254-2

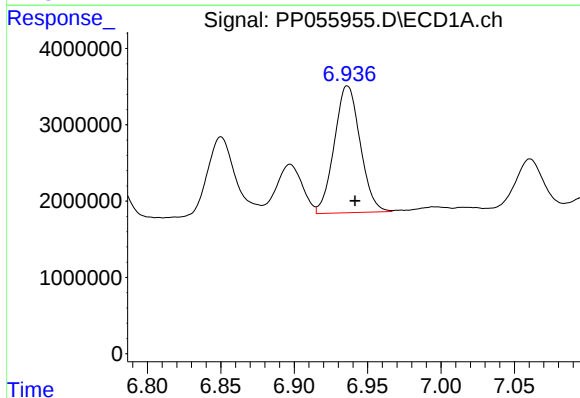
R.T.: 6.571 min
Delta R.T.: -0.004 min
Response: 37072585
Conc: 321.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



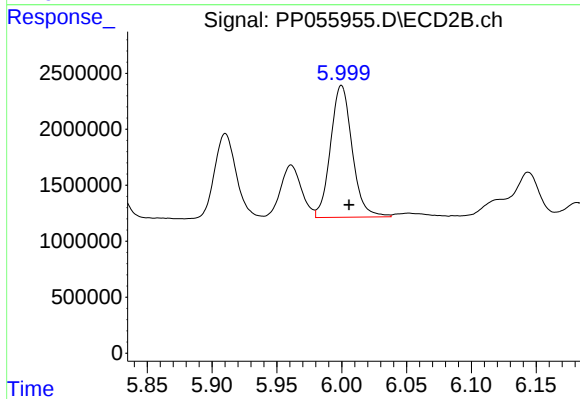
#27 AR-1254-2

R.T.: 5.596 min
Delta R.T.: -0.006 min
Response: 9138401
Conc: 145.25 ng/ml



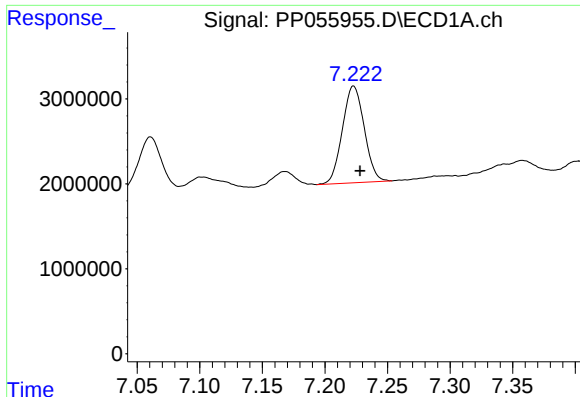
#28 AR-1254-3

R.T.: 6.936 min
Delta R.T.: -0.005 min
Response: 20430837
Conc: 166.01 ng/ml



#28 AR-1254-3

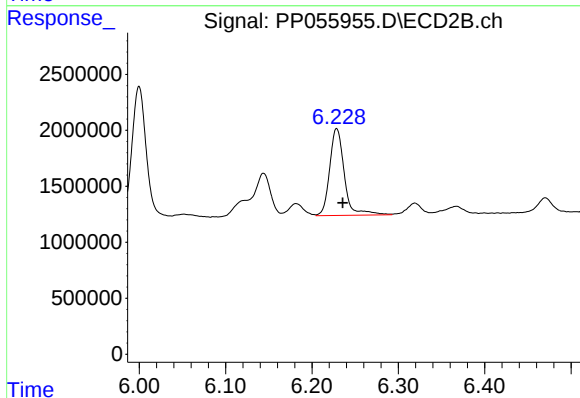
R.T.: 6.000 min
Delta R.T.: -0.006 min
Response: 13698459
Conc: 139.67 ng/ml



#29 AR-1254-4

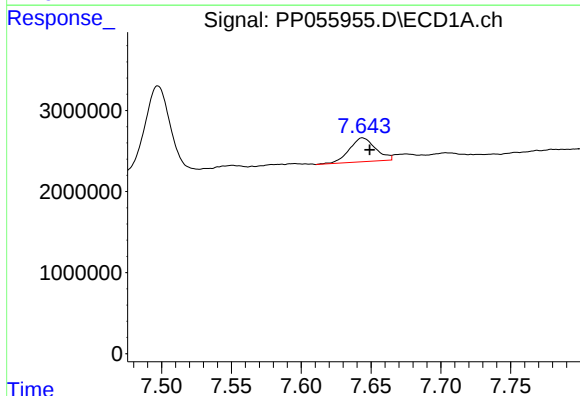
R.T.: 7.223 min
Delta R.T.: -0.005 min
Response: 13833674
Conc: 150.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



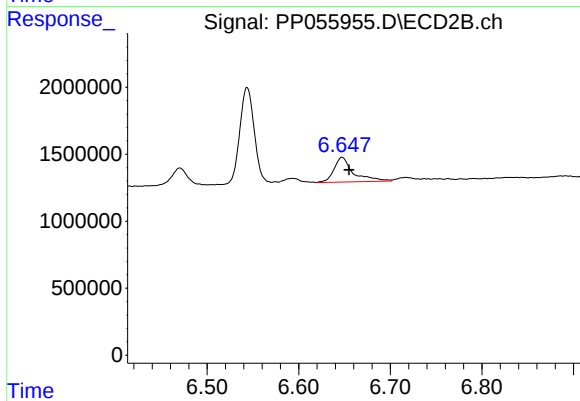
#29 AR-1254-4

R.T.: 6.229 min
Delta R.T.: -0.007 min
Response: 9142956
Conc: 166.10 ng/ml



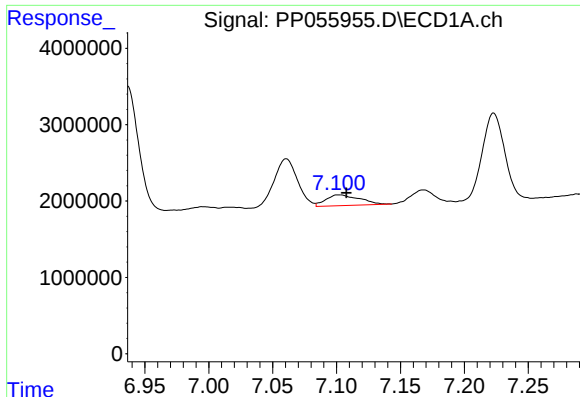
#30 AR-1254-5

R.T.: 7.644 min
Delta R.T.: -0.005 min
Response: 3858313
Conc: 36.71 ng/ml



#30 AR-1254-5

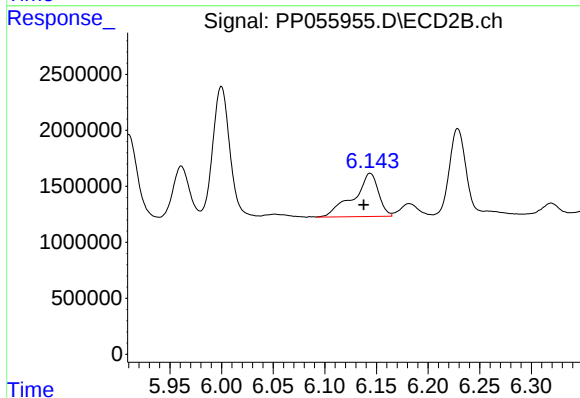
R.T.: 6.647 min
Delta R.T.: -0.008 min
Response: 2685048
Conc: 33.05 ng/ml



#31 AR-1260-1

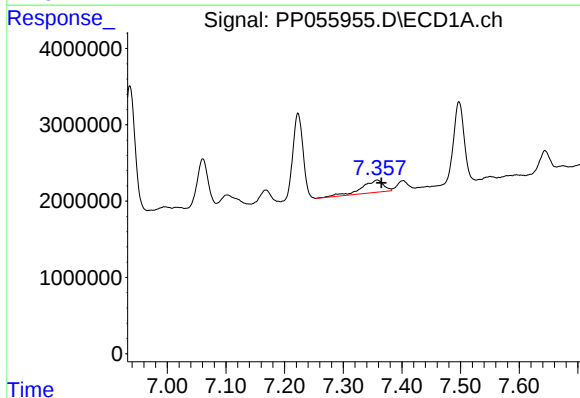
R.T.: 7.102 min
Delta R.T.: -0.006 min
Response: 2603279
Conc: 25.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



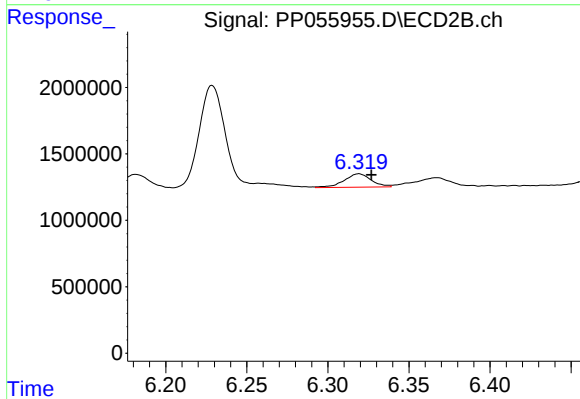
#31 AR-1260-1

R.T.: 6.144 min
Delta R.T.: 0.006 min
Response: 6516684
Conc: 89.39 ng/ml



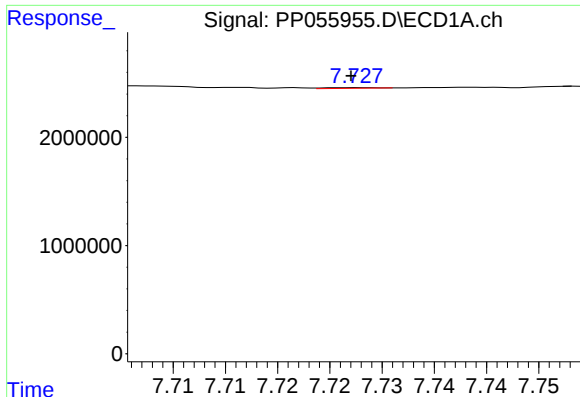
#32 AR-1260-2

R.T.: 7.358 min
Delta R.T.: -0.007 min
Response: 4215293
Conc: 33.52 ng/ml



#32 AR-1260-2

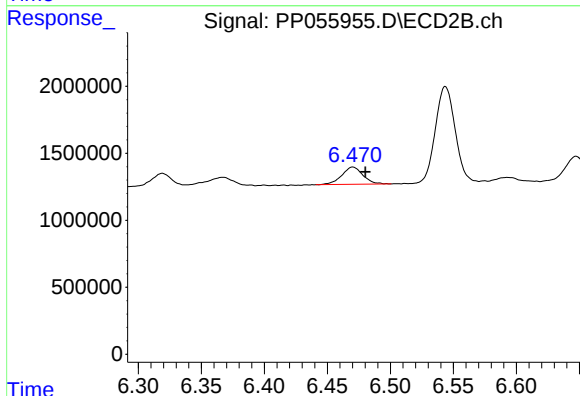
R.T.: 6.319 min
Delta R.T.: -0.008 min
Response: 1175180
Conc: 14.40 ng/ml



#33 AR-1260-3

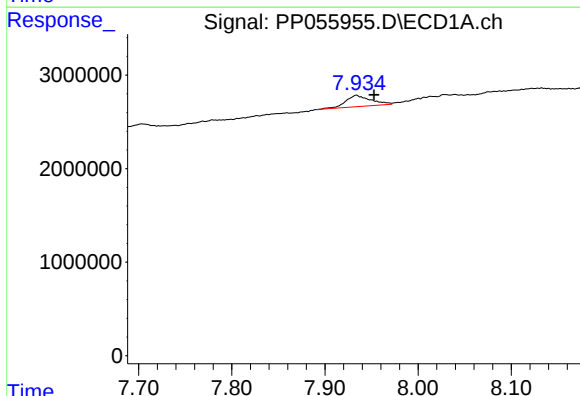
R.T.: 7.728 min
Delta R.T.: 0.000 min
Response: 20367
Conc: 0.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



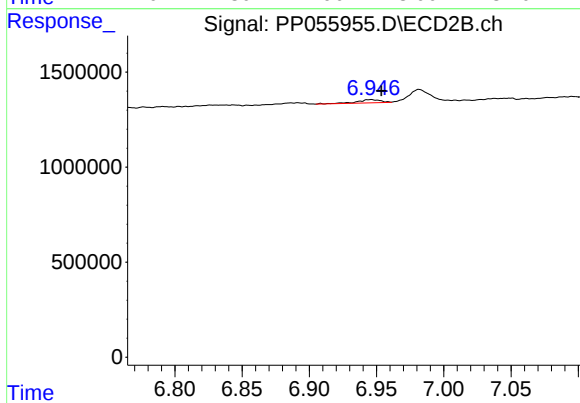
#33 AR-1260-3

R.T.: 6.470 min
Delta R.T.: -0.010 min
Response: 1512308
Conc: 17.90 ng/ml



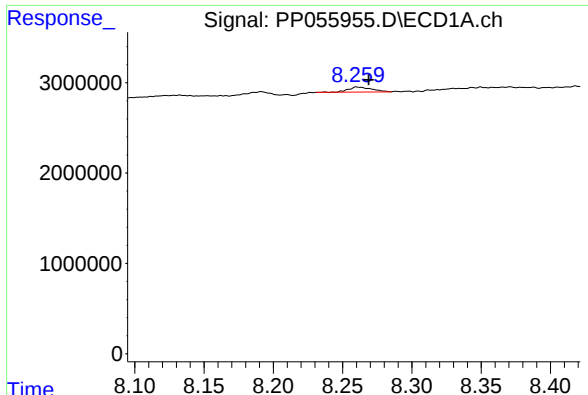
#34 AR-1260-4

R.T.: 7.934 min
Delta R.T.: -0.019 min
Response: 2261574
Conc: 21.04 ng/ml



#34 AR-1260-4

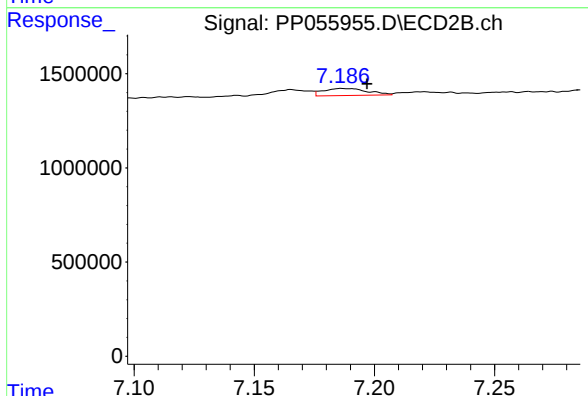
R.T.: 6.945 min
Delta R.T.: -0.008 min
Response: 208755
Conc: 3.26 ng/ml



#35 AR-1260-5

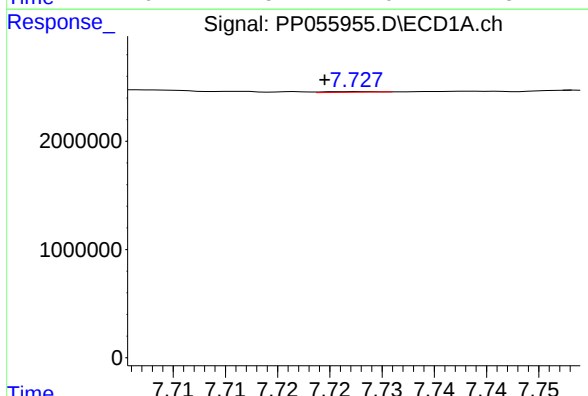
R.T.: 8.261 min
Delta R.T.: -0.008 min
Response: 651751
Conc: 3.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



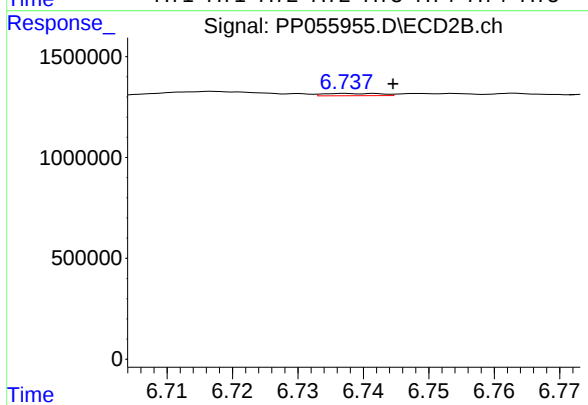
#35 AR-1260-5

R.T.: 7.187 min
Delta R.T.: -0.010 min
Response: 477638
Conc: 3.53 ng/ml



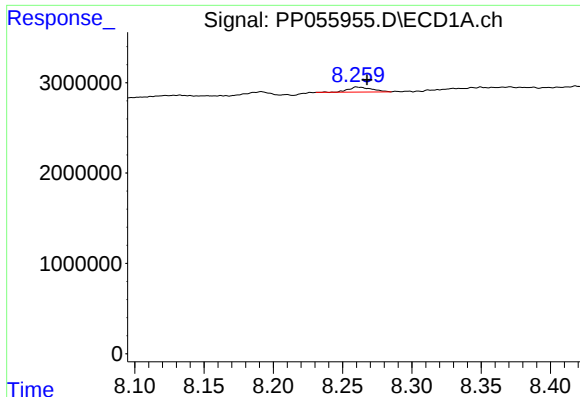
#36 AR-1262-1

R.T.: 7.728 min
Delta R.T.: 0.003 min
Response: 20367
Conc: 0.17 ng/ml



#36 AR-1262-1

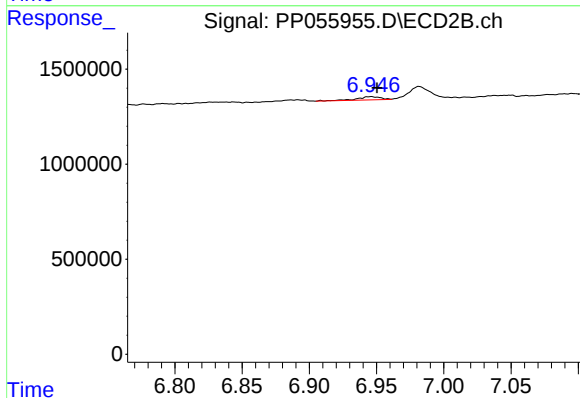
R.T.: 6.737 min
Delta R.T.: -0.007 min
Response: 67496
Conc: 1.91 ng/ml



#37 AR-1262-2

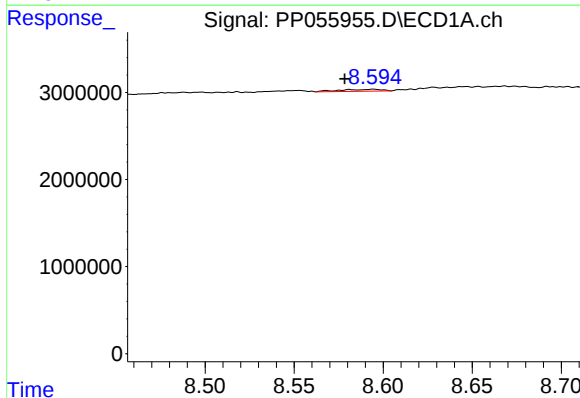
R.T.: 8.261 min
Delta R.T.: -0.007 min
Response: 651751
Conc: 2.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



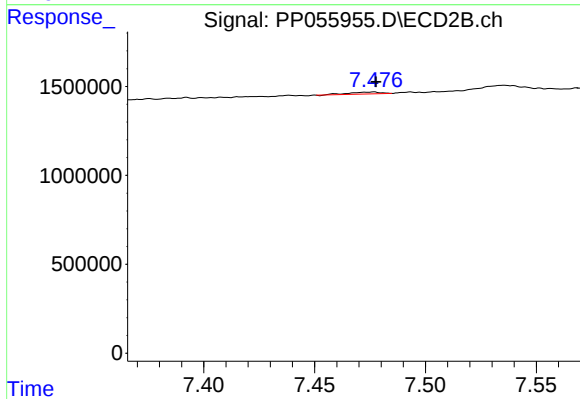
#37 AR-1262-2

R.T.: 6.945 min
Delta R.T.: -0.005 min
Response: 208755
Conc: 2.81 ng/ml



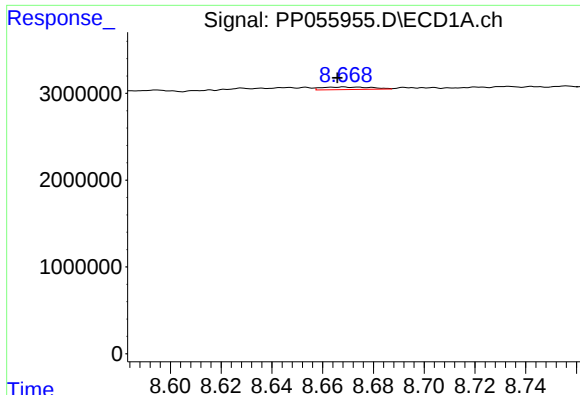
#38 AR-1262-3

R.T.: 8.595 min
Delta R.T.: 0.016 min
Response: 351140
Conc: 2.30 ng/ml



#38 AR-1262-3

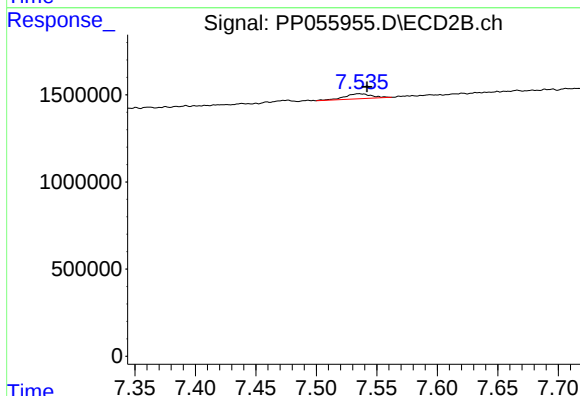
R.T.: 7.476 min
Delta R.T.: -0.001 min
Response: 97127
Conc: 1.75 ng/ml



#39 AR-1262-4

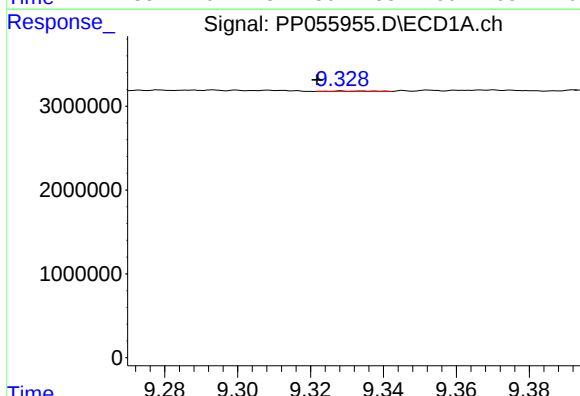
R.T.: 8.668 min
Delta R.T.: 0.002 min
Response: 398638
Conc: 5.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



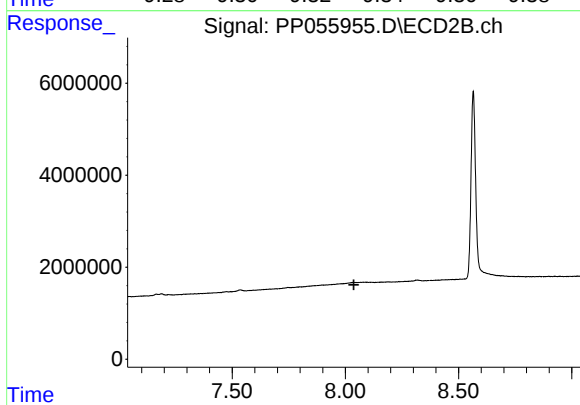
#39 AR-1262-4

R.T.: 7.535 min
Delta R.T.: -0.007 min
Response: 450824
Conc: 4.44 ng/ml



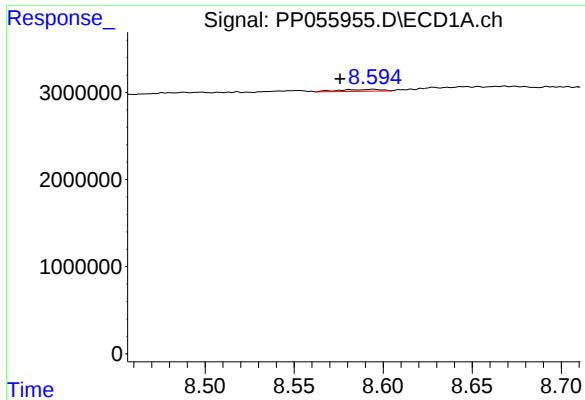
#40 AR-1262-5

R.T.: 9.328 min
Delta R.T.: 0.007 min
Response: 31472
Conc: 0.38 ng/ml



#40 AR-1262-5

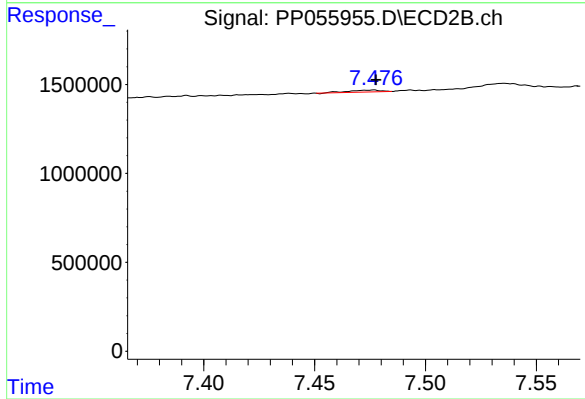
R.T.: 0.000 min
Exp R.T. : 8.038 min
Response: 0
Conc: N.D.



#41 AR-1268-1

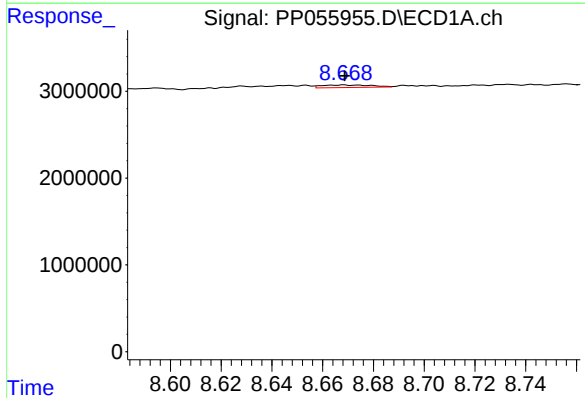
R.T.: 8.595 min
Delta R.T.: 0.019 min
Response: 351140
Conc: 1.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



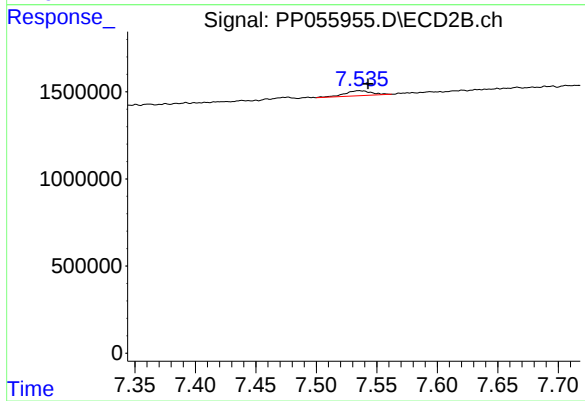
#41 AR-1268-1

R.T.: 7.476 min
Delta R.T.: -0.001 min
Response: 97127
Conc: 0.58 ng/ml



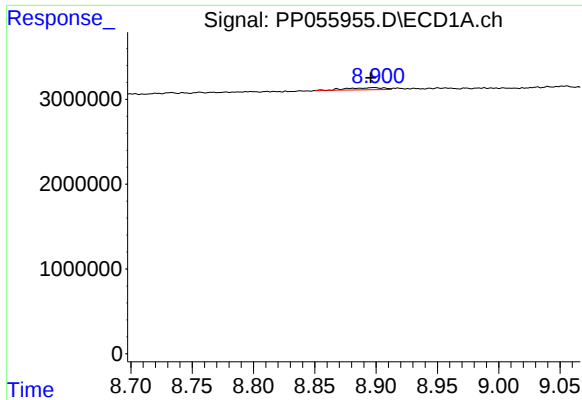
#42 AR-1268-2

R.T.: 8.668 min
Delta R.T.: 0.000 min
Response: 398638
Conc: 1.50 ng/ml



#42 AR-1268-2

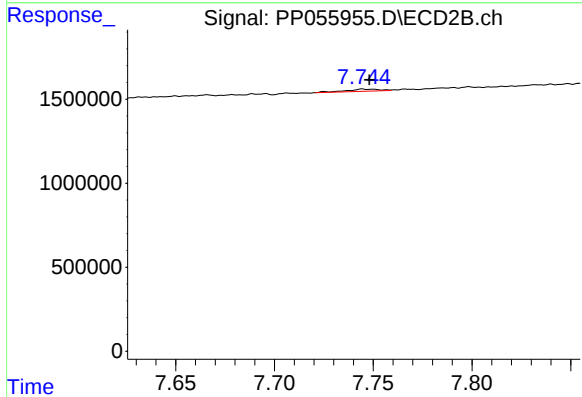
R.T.: 7.535 min
Delta R.T.: -0.008 min
Response: 450824
Conc: 2.95 ng/ml



#43 AR-1268-3

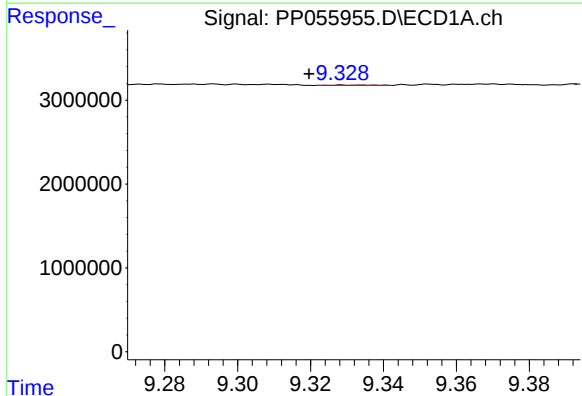
R.T.: 8.898 min
Delta R.T.: 0.003 min
Response: 500550
Conc: 2.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



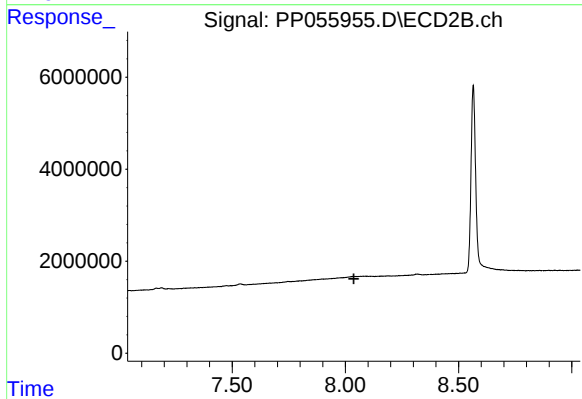
#43 AR-1268-3

R.T.: 7.745 min
Delta R.T.: -0.003 min
Response: 146281
Conc: 1.07 ng/ml



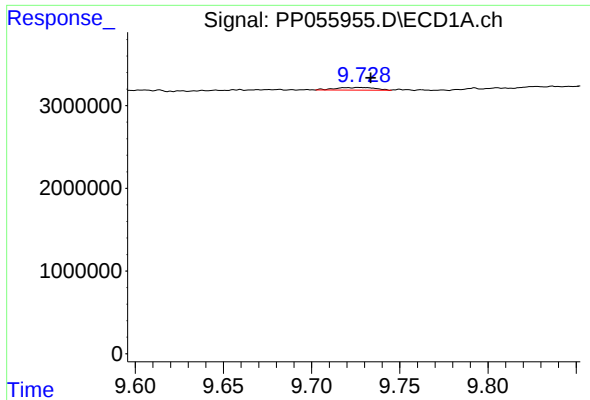
#44 AR-1268-4

R.T.: 9.328 min
Delta R.T.: 0.009 min
Response: 31472
Conc: 0.32 ng/ml



#44 AR-1268-4

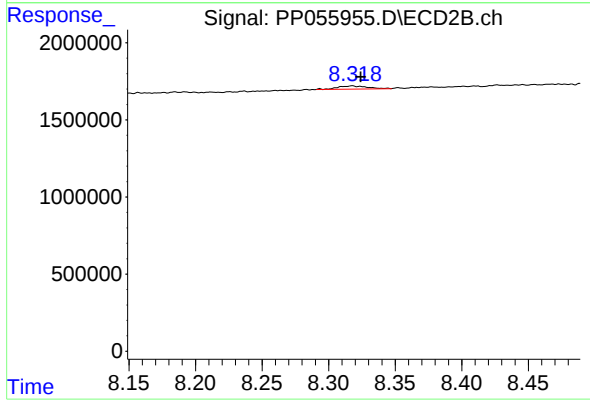
R.T.: 0.000 min
Exp R.T. : 8.037 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.727 min
Delta R.T.: -0.006 min
Response: 513596
Conc: 0.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.318 min
Delta R.T.: -0.006 min
Response: 327077
Conc: 0.81 ng/ml