

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP020623\
 Data File : PP055358.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2023 12:45
 Operator : YP\AJ
 Sample : 01413-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 06 21:36:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 24 03:37:45 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...	4.330	3.577	27315528	22909784	15.710	15.261
2)	SA Decachlor...	10.084	8.586	30250749	22717632	17.469	16.821
Target Compounds							
3)	L1 AR-1016-1	5.500	4.659	25170353	18985820	374.502	383.599
4)	L1 AR-1016-2	5.523	4.677	35295457	27328902	368.316	394.817
5)	L1 AR-1016-3	5.585	4.853	20969218	16026777	350.560	430.867
6)	L1 AR-1016-4	5.683	4.896	16822394	13070385	351.066	415.959
7)	L1 AR-1016-5	5.978	5.108	17346153	14901663	342.308	364.482
8)	L2 AR-1221-1	4.534	3.788	2584632	4302932	109.914	217.025 #
9)	L2 AR-1221-2	4.624	3.875	3242964	6528430	182.527	440.445 #
10)	L2 AR-1221-3	4.701	3.950	14360396	15589414	266.874	345.553 #
11)	L3 AR-1232-1	4.701	3.950	14360396	15589414	323.558	422.942 #
12)	L3 AR-1232-2	5.232	4.677	12586368	27328902	556.555	855.565 #
13)	L3 AR-1232-3	5.523	4.853	35295457	16026777	803.680	961.358
14)	L3 AR-1232-4	5.683	4.937	16822394	17688108	760.018	1096.860 #
15)	L3 AR-1232-5	5.775	5.108	15887188	14901663	907.474	843.739
16)	L4 AR-1242-1	5.500	4.659	25170353	18985820	449.561	463.496
17)	L4 AR-1242-2	5.523	4.677	35295457	27328902	442.134	478.606
18)	L4 AR-1242-3	5.585	4.853	20969218	16026777	422.243	519.210
19)	L4 AR-1242-4	5.683	4.937	16822394	17688108	419.754	544.466 #
20)	L4 AR-1242-5	6.424	5.461	3160361	13161135	71.078	352.169 #
21)	L5 AR-1248-1	5.500	4.659	25170353	18985820	603.552	612.384
22)	L5 AR-1248-2	5.775	4.896	15887188	13070385	249.900	285.832
23)	L5 AR-1248-3	5.978	4.937	17346153	17688108	250.819	371.028 #
24)	L5 AR-1248-4	6.384	5.108	3356347	14901663	44.259	269.825 #
25)	L5 AR-1248-5	6.424	5.502	3160361	2023838	42.827	41.159
26)	L6 AR-1254-1	6.359	5.461	13989776	13161135	177.327	162.970
27)	L6 AR-1254-2	6.578	5.609	15252092	12536903	126.026	175.188 #
28)	L6 AR-1254-3	6.945	6.029	7944477	21554030	64.858	193.470 #
29)	L6 AR-1254-4	7.232	6.243	5177188	2363778	58.757	38.431 #
30)	L6 AR-1254-5	7.652	6.662	46003690	40393626	454.758	426.075
31)	L7 AR-1260-1	7.111	6.144	32833883	30231937	344.436	389.866
32)	L7 AR-1260-2	7.370	6.333	38759933	35712176	344.391	397.252
33)	L7 AR-1260-3	7.730	6.487	24901854	32709800	309.267	385.226
34)	L7 AR-1260-4	7.956	6.960	32129907	23758709	330.974	331.813
35)	L7 AR-1260-5	8.273	7.204	60646215	53948905	340.995	350.918
36)	L8 AR-1262-1	7.730	6.753	24901854	13603551	211.064	316.646 #
37)	L8 AR-1262-2	8.273	6.960	60646215	23758709	301.103	256.509
38)	L8 AR-1262-3	8.596	7.488	43215198	10619925	310.742	145.758 #
39)	L8 AR-1262-4	8.670	7.550	10399999	41219719	135.273	315.185 #
40)	L8 AR-1262-5	9.328	8.048	14916852	10276080	208.570	173.208
41)	L9 AR-1268-1	8.596	7.488	43215198	10619925	176.816	49.115 #

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 ALS Vial : 15 Sample Multiplier: 1

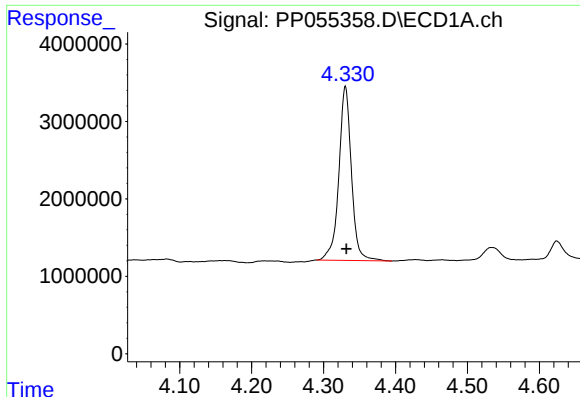
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 06 21:36:40 2023
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 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	8.670	7.550	10399999	41219719	45.790	211.238 #
43) L9	AR-1268-3	8.904	7.759	1645964	823975	8.239	4.797 #
44) L9	AR-1268-4	9.328	8.048	14916852	10276080	189.911	161.112
45) L9	AR-1268-5	9.745	8.336	4904594	4597640	7.710	8.730

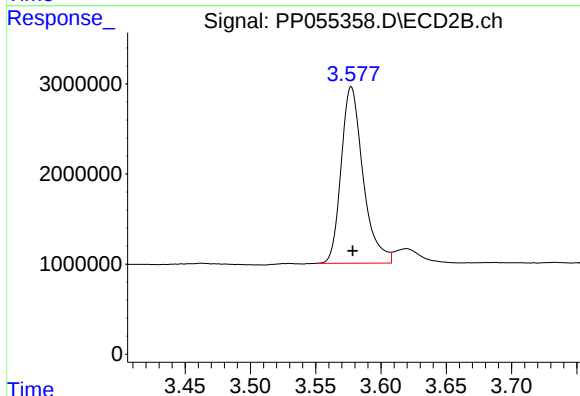
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

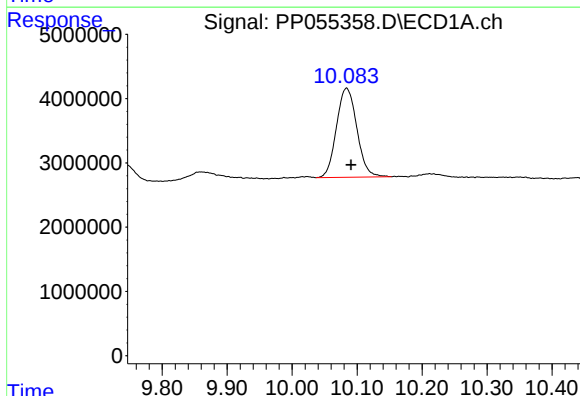
R.T.: 4.330 min
Delta R.T.: -0.002 min
Response: 27315528
Conc: 15.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



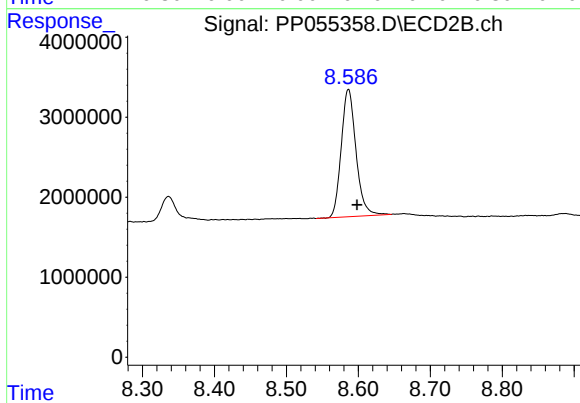
#1 Tetrachloro-m-xylene

R.T.: 3.577 min
Delta R.T.: -0.001 min
Response: 22909784
Conc: 15.26 ng/ml



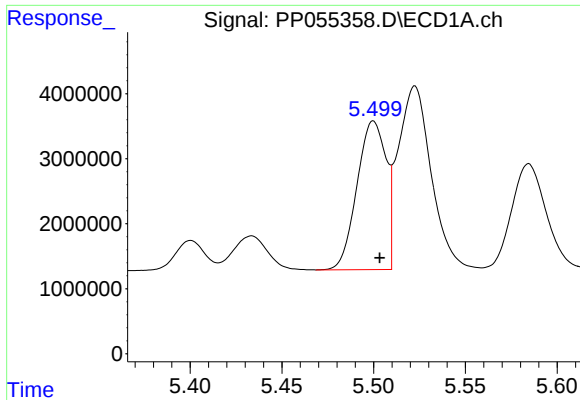
#2 Decachlorobiphenyl

R.T.: 10.084 min
Delta R.T.: -0.007 min
Response: 30250749
Conc: 17.47 ng/ml



#2 Decachlorobiphenyl

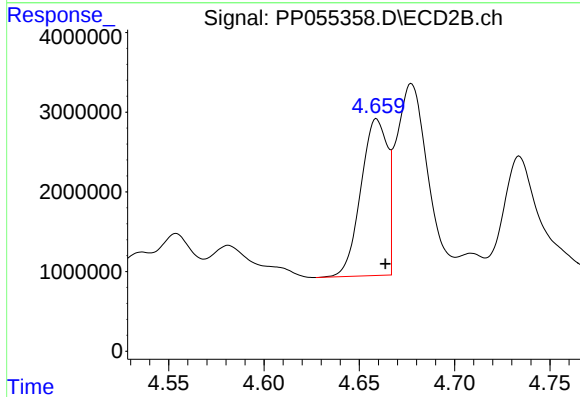
R.T.: 8.586 min
Delta R.T.: -0.012 min
Response: 22717632
Conc: 16.82 ng/ml



#3 AR-1016-1

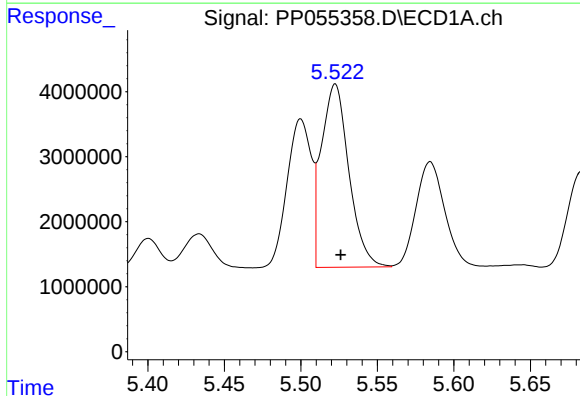
R.T.: 5.500 min
Delta R.T.: -0.003 min
Response: 25170353
Conc: 374.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



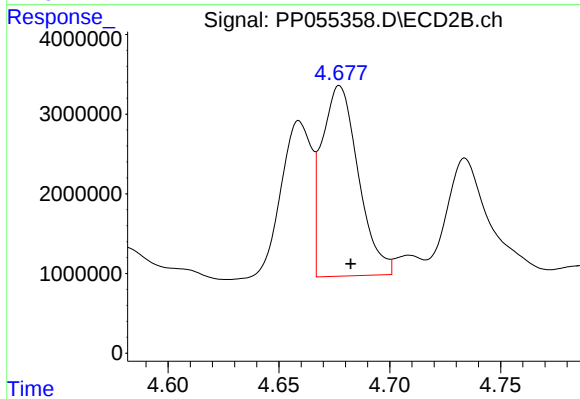
#3 AR-1016-1

R.T.: 4.659 min
Delta R.T.: -0.005 min
Response: 18985820
Conc: 383.60 ng/ml



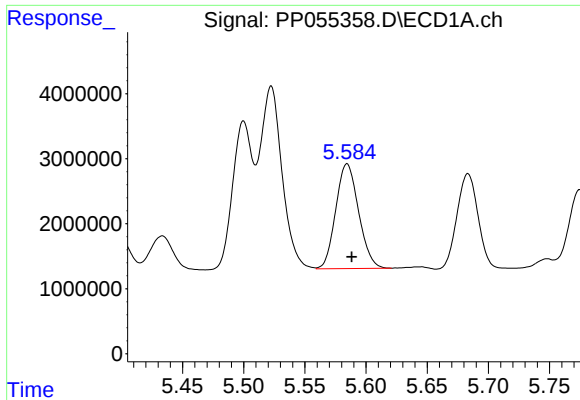
#4 AR-1016-2

R.T.: 5.523 min
Delta R.T.: -0.004 min
Response: 35295457
Conc: 368.32 ng/ml



#4 AR-1016-2

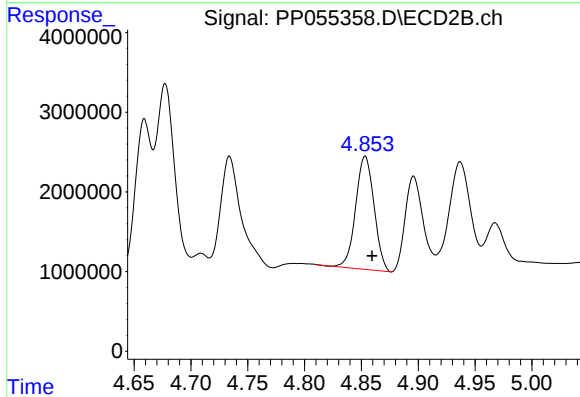
R.T.: 4.677 min
Delta R.T.: -0.005 min
Response: 27328902
Conc: 394.82 ng/ml



#5 AR-1016-3

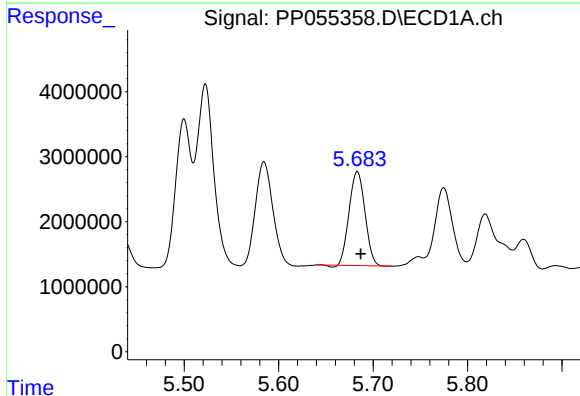
R.T.: 5.585 min
Delta R.T.: -0.004 min
Response: 20969218
Conc: 350.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



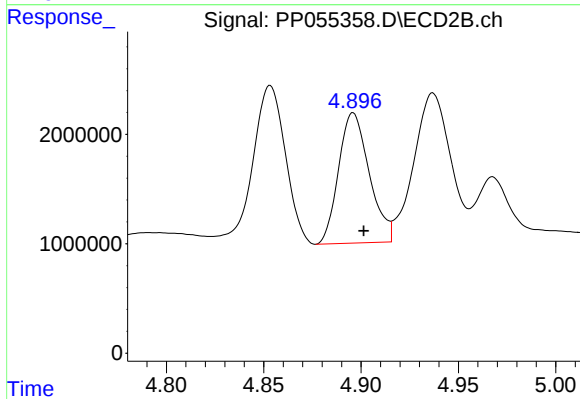
#5 AR-1016-3

R.T.: 4.853 min
Delta R.T.: -0.006 min
Response: 16026777
Conc: 430.87 ng/ml



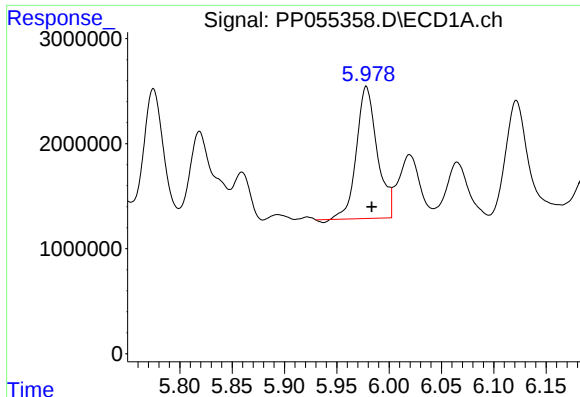
#6 AR-1016-4

R.T.: 5.683 min
Delta R.T.: -0.004 min
Response: 16822394
Conc: 351.07 ng/ml



#6 AR-1016-4

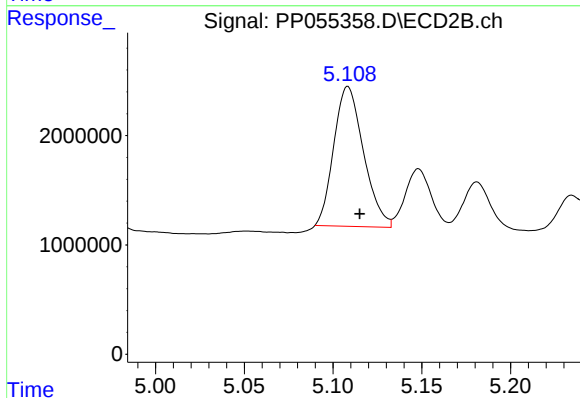
R.T.: 4.896 min
Delta R.T.: -0.005 min
Response: 13070385
Conc: 415.96 ng/ml



#7 AR-1016-5

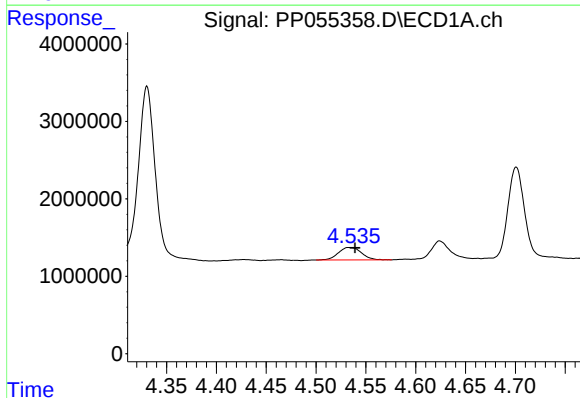
R.T.: 5.978 min
Delta R.T.: -0.005 min
Response: 17346153
Conc: 342.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



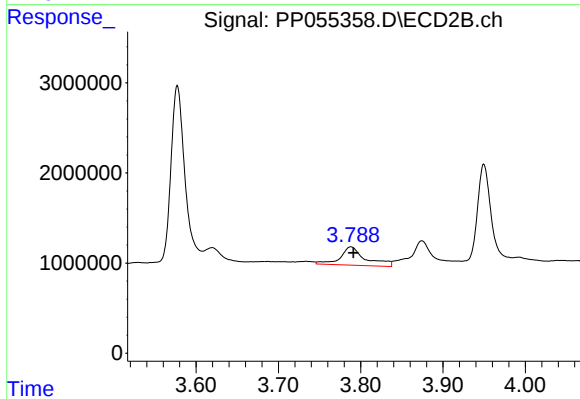
#7 AR-1016-5

R.T.: 5.108 min
Delta R.T.: -0.007 min
Response: 14901663
Conc: 364.48 ng/ml



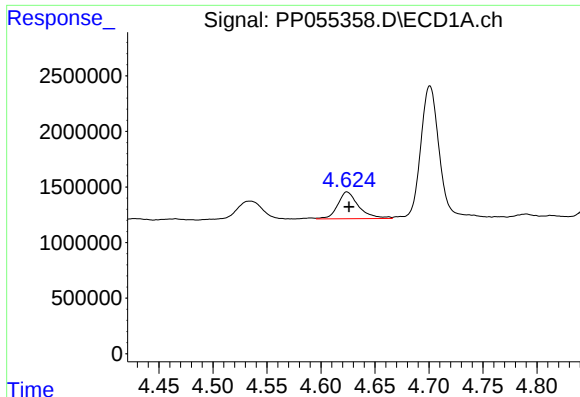
#8 AR-1221-1

R.T.: 4.534 min
Delta R.T.: -0.005 min
Response: 2584632
Conc: 109.91 ng/ml



#8 AR-1221-1

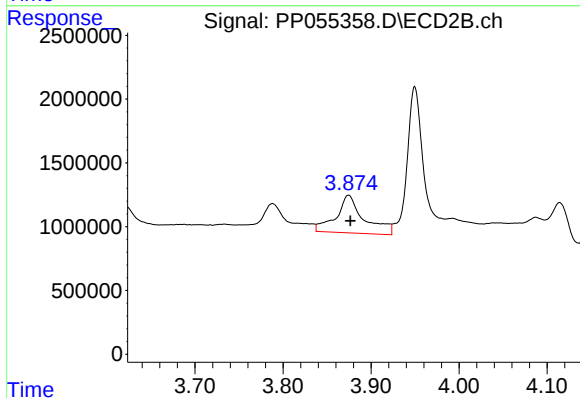
R.T.: 3.788 min
Delta R.T.: -0.003 min
Response: 4302932
Conc: 217.03 ng/ml



#9 AR-1221-2

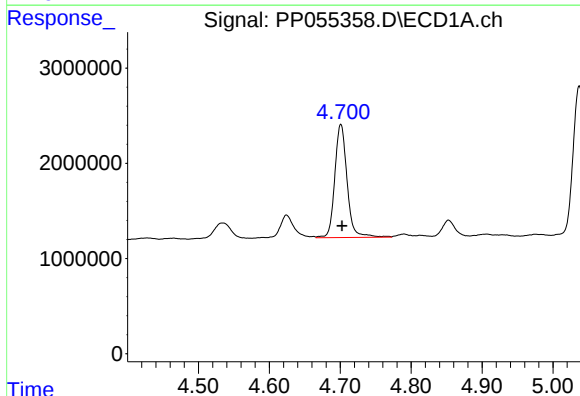
R.T.: 4.624 min
Delta R.T.: -0.002 min
Response: 3242964
Conc: 182.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



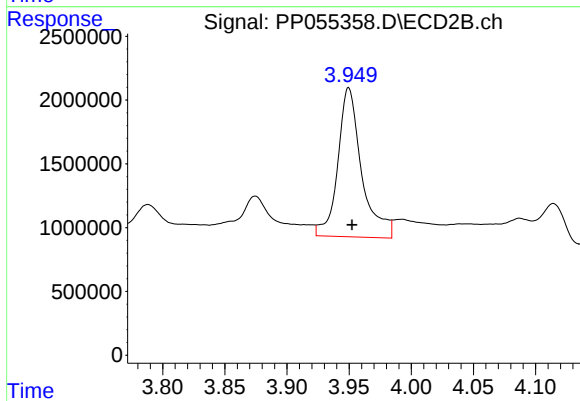
#9 AR-1221-2

R.T.: 3.875 min
Delta R.T.: -0.002 min
Response: 6528430
Conc: 440.44 ng/ml



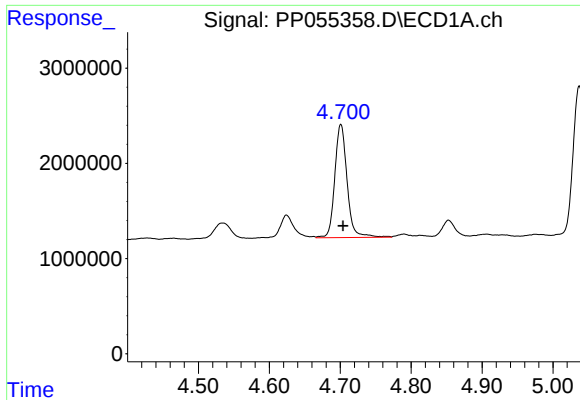
#10 AR-1221-3

R.T.: 4.701 min
Delta R.T.: -0.002 min
Response: 14360396
Conc: 266.87 ng/ml



#10 AR-1221-3

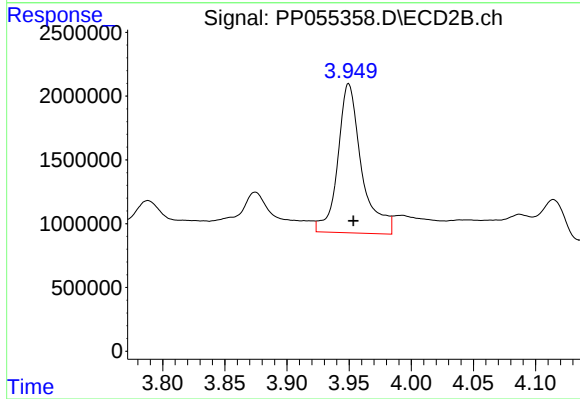
R.T.: 3.950 min
Delta R.T.: -0.003 min
Response: 15589414
Conc: 345.55 ng/ml



#11 AR-1232-1

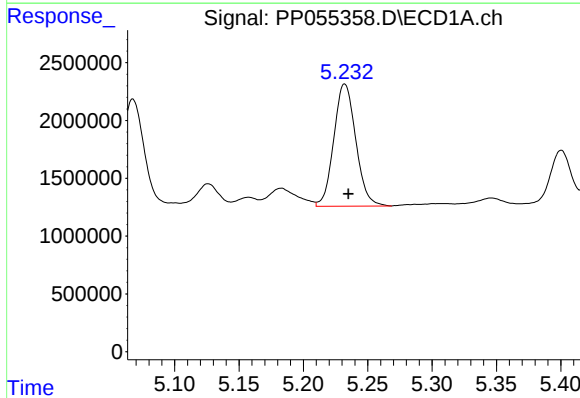
R.T.: 4.701 min
Delta R.T.: -0.003 min
Response: 14360396
Conc: 323.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



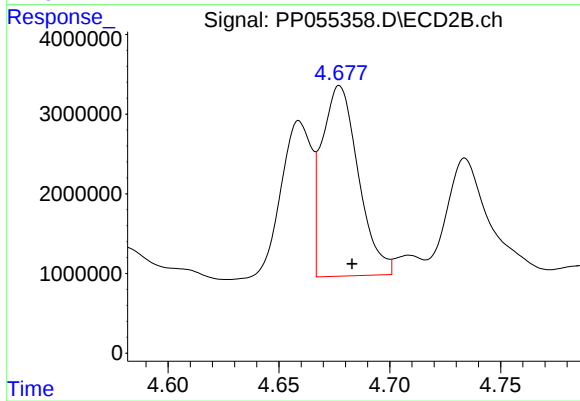
#11 AR-1232-1

R.T.: 3.950 min
Delta R.T.: -0.004 min
Response: 15589414
Conc: 422.94 ng/ml



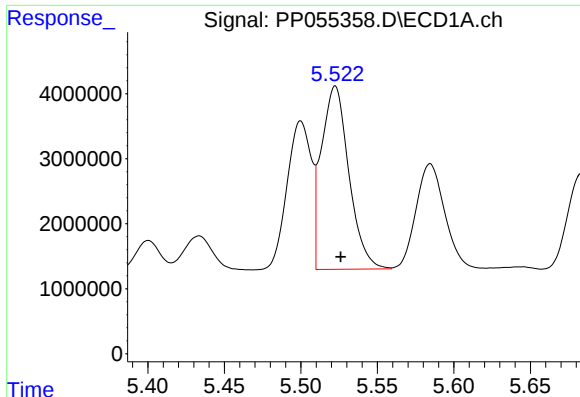
#12 AR-1232-2

R.T.: 5.232 min
Delta R.T.: -0.003 min
Response: 12586368
Conc: 556.55 ng/ml



#12 AR-1232-2

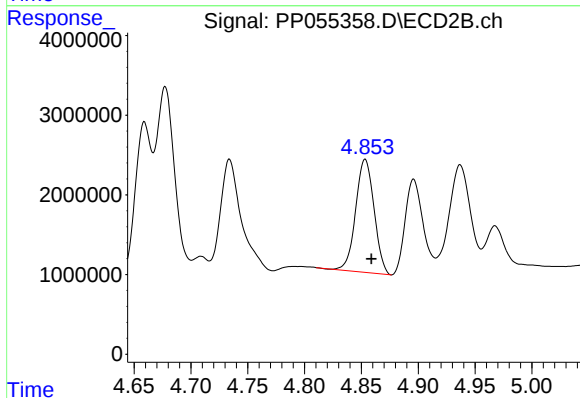
R.T.: 4.677 min
Delta R.T.: -0.006 min
Response: 27328902
Conc: 855.56 ng/ml



#13 AR-1232-3

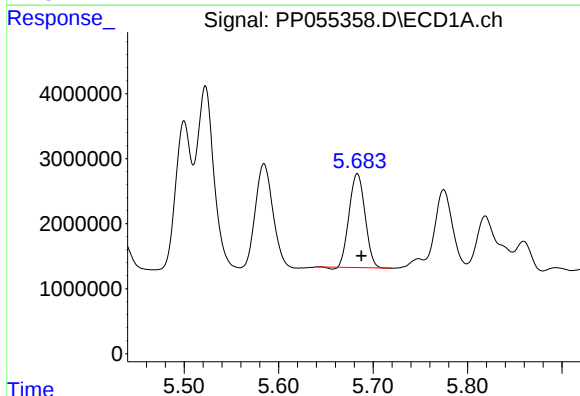
R.T.: 5.523 min
Delta R.T.: -0.004 min
Response: 35295457
Conc: 803.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



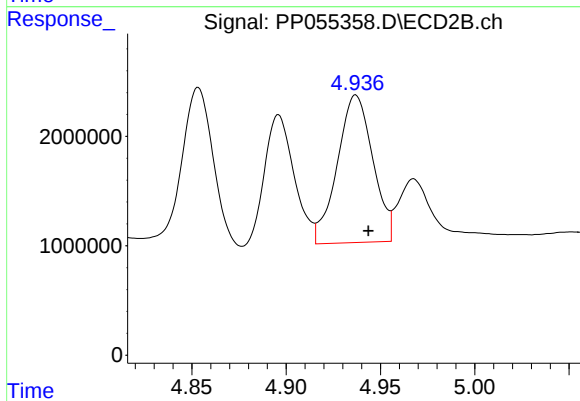
#13 AR-1232-3

R.T.: 4.853 min
Delta R.T.: -0.005 min
Response: 16026777
Conc: 961.36 ng/ml



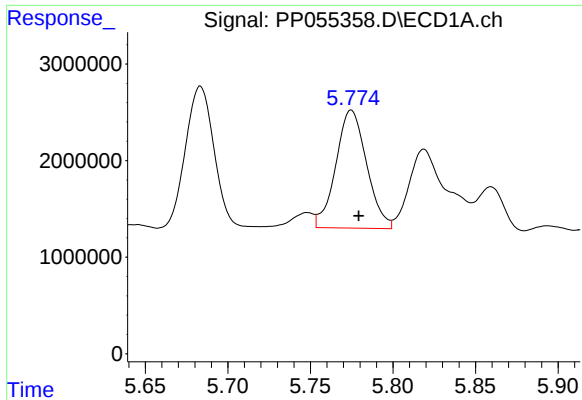
#14 AR-1232-4

R.T.: 5.683 min
Delta R.T.: -0.004 min
Response: 16822394
Conc: 760.02 ng/ml



#14 AR-1232-4

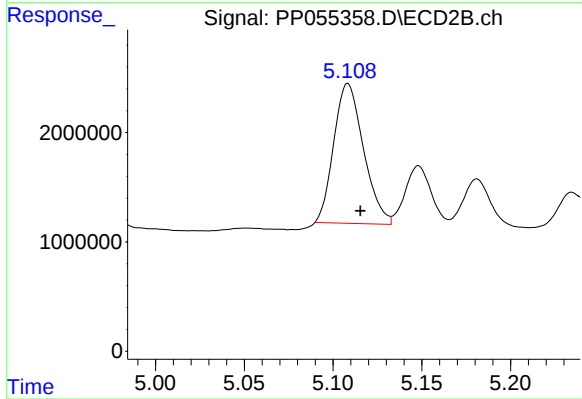
R.T.: 4.937 min
Delta R.T.: -0.007 min
Response: 17688108
Conc: 1096.86 ng/ml



#15 AR-1232-5

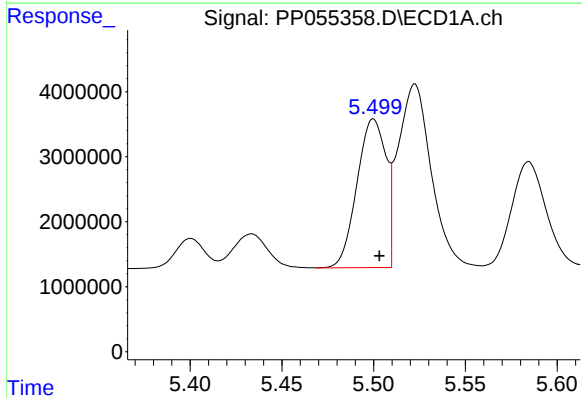
R.T.: 5.775 min
Delta R.T.: -0.005 min
Response: 15887188
Conc: 907.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



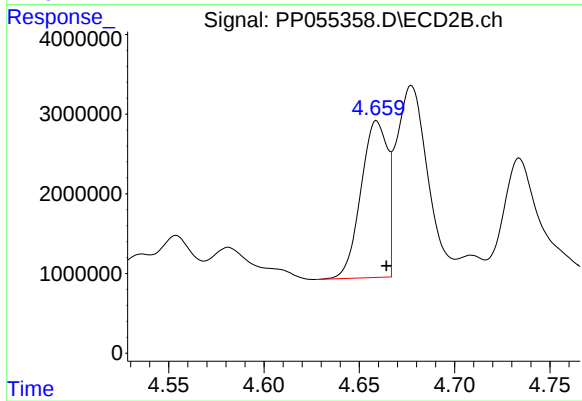
#15 AR-1232-5

R.T.: 5.108 min
Delta R.T.: -0.007 min
Response: 14901663
Conc: 843.74 ng/ml



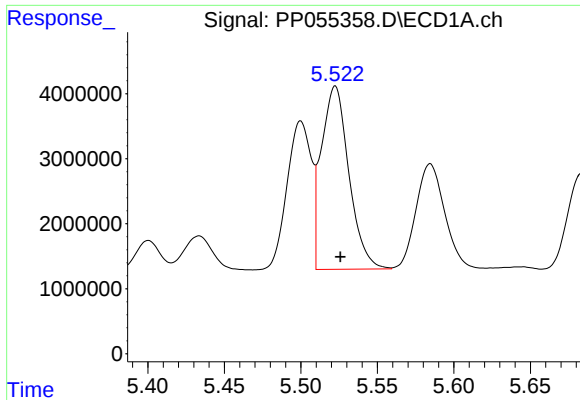
#16 AR-1242-1

R.T.: 5.500 min
Delta R.T.: -0.003 min
Response: 25170353
Conc: 449.56 ng/ml



#16 AR-1242-1

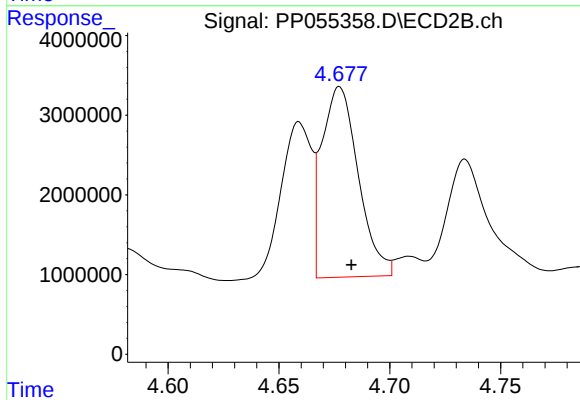
R.T.: 4.659 min
Delta R.T.: -0.005 min
Response: 18985820
Conc: 463.50 ng/ml



#17 AR-1242-2

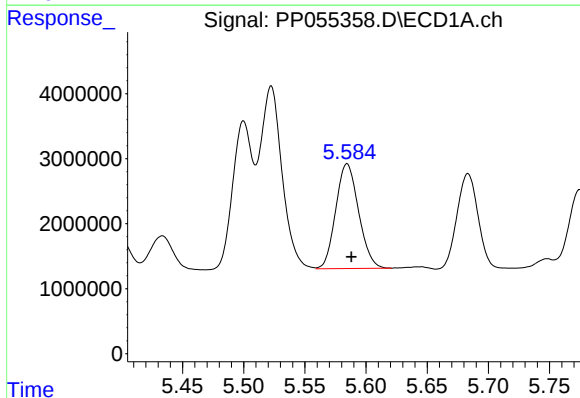
R.T.: 5.523 min
Delta R.T.: -0.003 min
Response: 35295457
Conc: 442.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



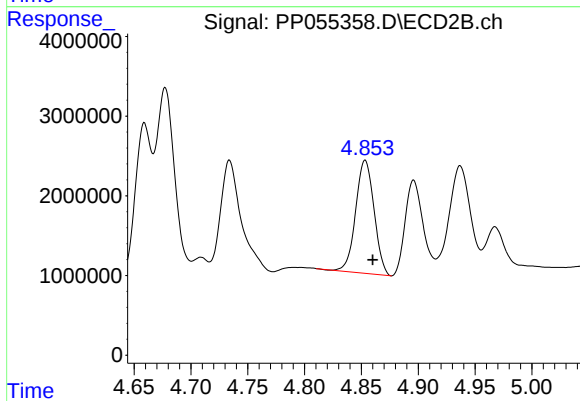
#17 AR-1242-2

R.T.: 4.677 min
Delta R.T.: -0.005 min
Response: 27328902
Conc: 478.61 ng/ml



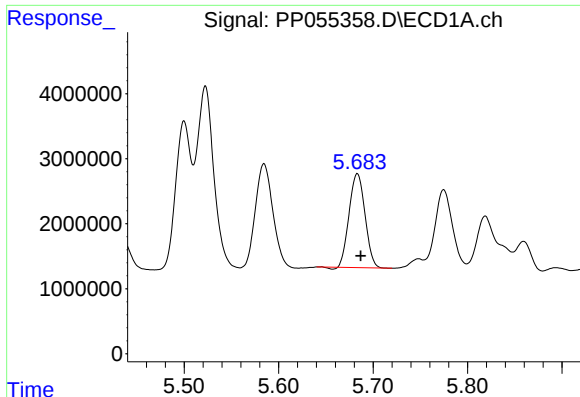
#18 AR-1242-3

R.T.: 5.585 min
Delta R.T.: -0.004 min
Response: 20969218
Conc: 422.24 ng/ml



#18 AR-1242-3

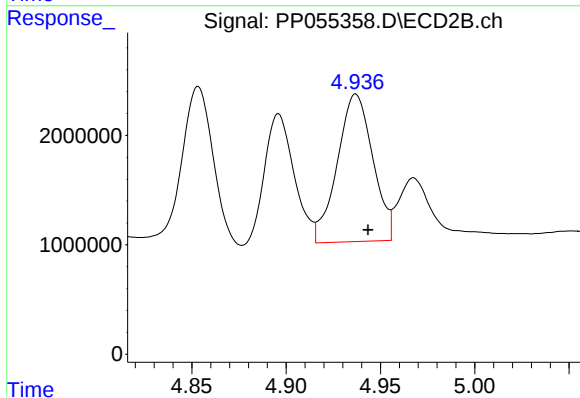
R.T.: 4.853 min
Delta R.T.: -0.006 min
Response: 16026777
Conc: 519.21 ng/ml



#19 AR-1242-4

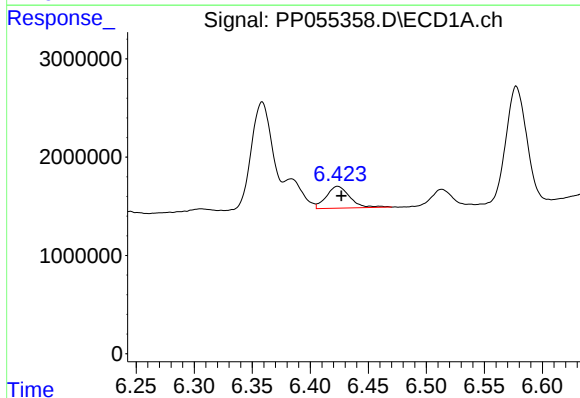
R.T.: 5.683 min
Delta R.T.: -0.003 min
Response: 16822394
Conc: 419.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



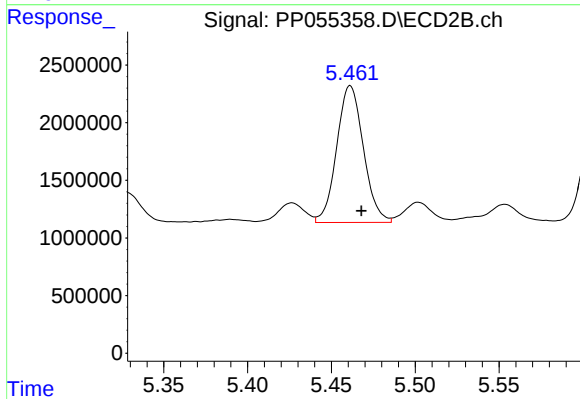
#19 AR-1242-4

R.T.: 4.937 min
Delta R.T.: -0.007 min
Response: 17688108
Conc: 544.47 ng/ml



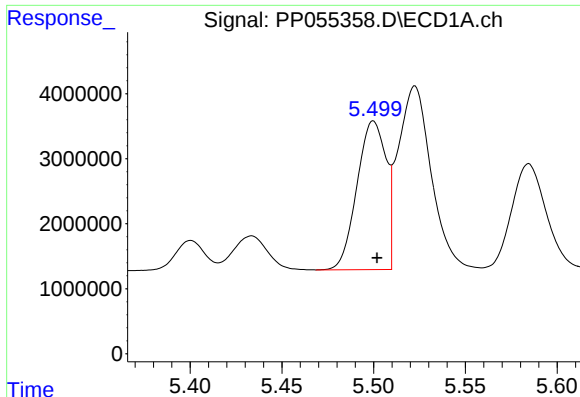
#20 AR-1242-5

R.T.: 6.424 min
Delta R.T.: -0.003 min
Response: 3160361
Conc: 71.08 ng/ml



#20 AR-1242-5

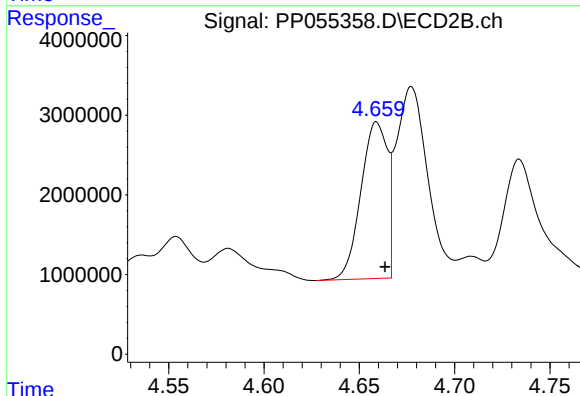
R.T.: 5.461 min
Delta R.T.: -0.007 min
Response: 13161135
Conc: 352.17 ng/ml



#21 AR-1248-1

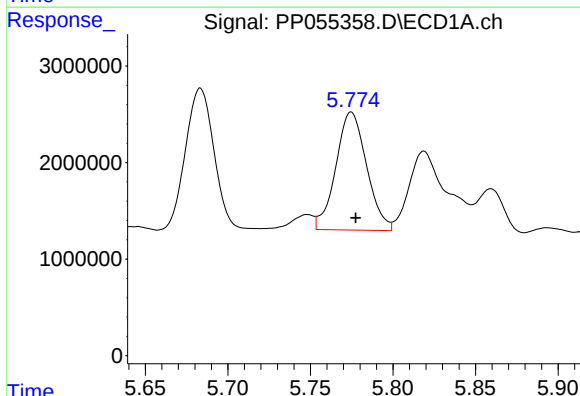
R.T.: 5.500 min
Delta R.T.: -0.002 min
Response: 25170353
Conc: 603.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



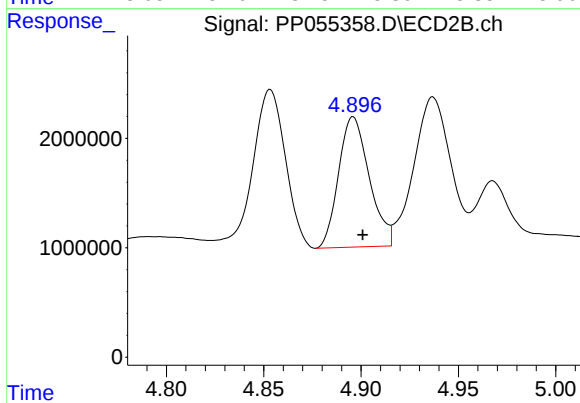
#21 AR-1248-1

R.T.: 4.659 min
Delta R.T.: -0.004 min
Response: 18985820
Conc: 612.38 ng/ml



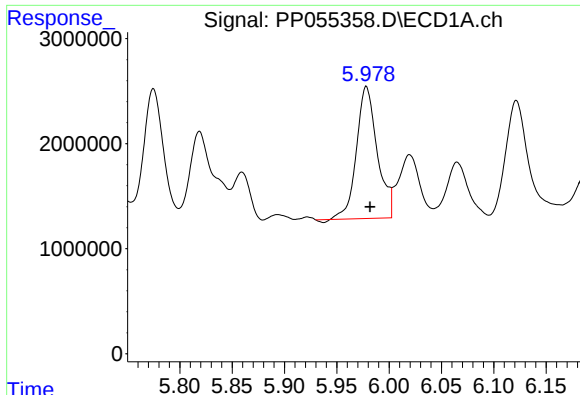
#22 AR-1248-2

R.T.: 5.775 min
Delta R.T.: -0.003 min
Response: 15887188
Conc: 249.90 ng/ml



#22 AR-1248-2

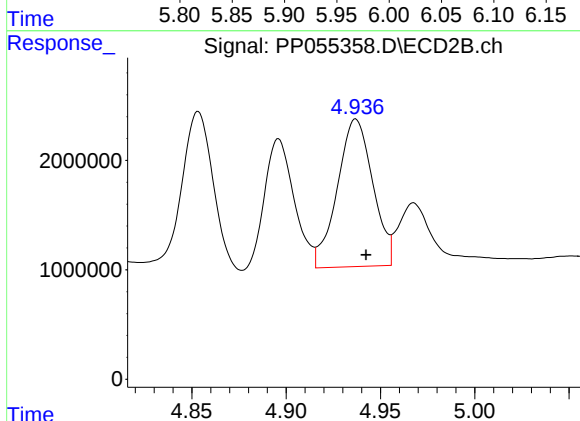
R.T.: 4.896 min
Delta R.T.: -0.005 min
Response: 13070385
Conc: 285.83 ng/ml



#23 AR-1248-3

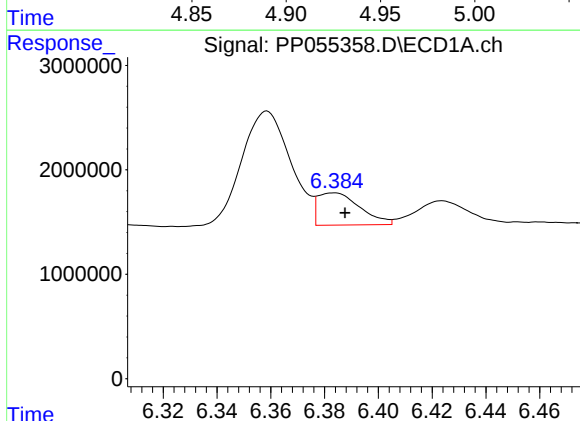
R.T.: 5.978 min
Delta R.T.: -0.004 min
Response: 17346153
Conc: 250.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



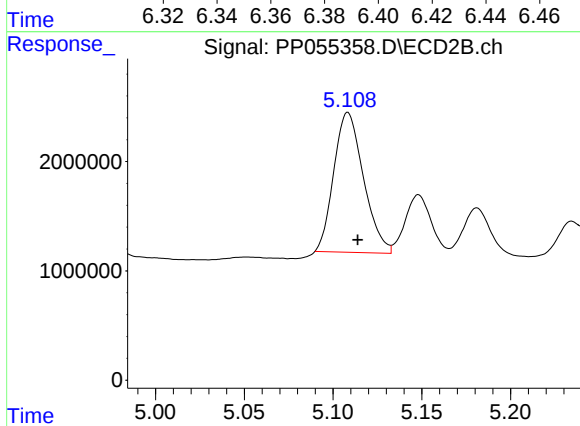
#23 AR-1248-3

R.T.: 4.937 min
Delta R.T.: -0.005 min
Response: 17688108
Conc: 371.03 ng/ml



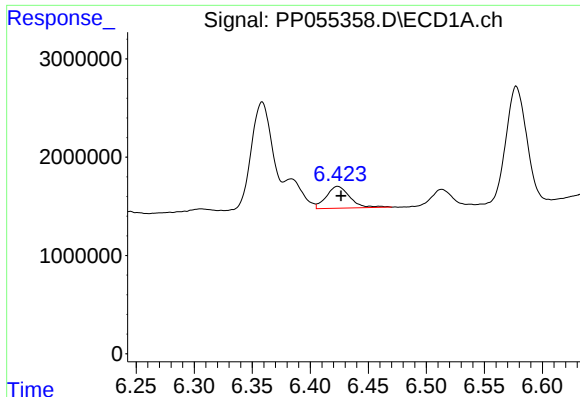
#24 AR-1248-4

R.T.: 6.384 min
Delta R.T.: -0.004 min
Response: 3356347
Conc: 44.26 ng/ml



#24 AR-1248-4

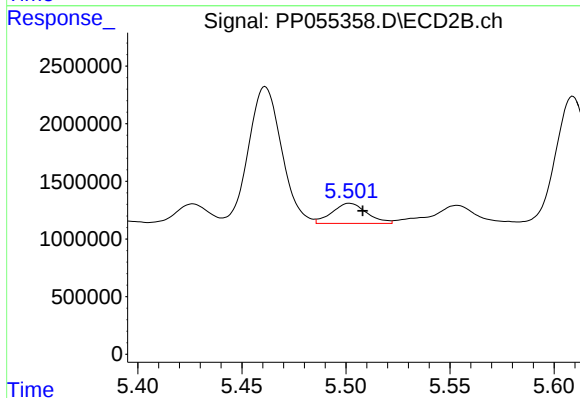
R.T.: 5.108 min
Delta R.T.: -0.006 min
Response: 14901663
Conc: 269.82 ng/ml



#25 AR-1248-5

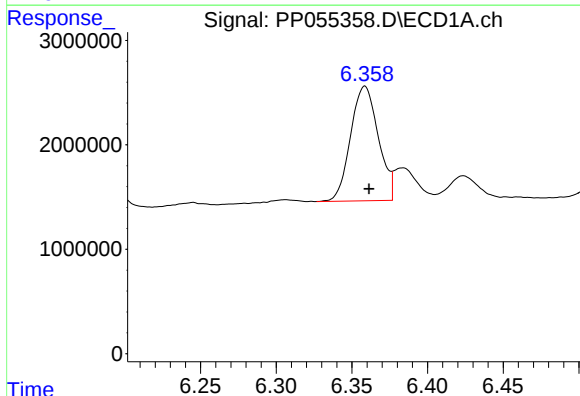
R.T.: 6.424 min
Delta R.T.: -0.003 min
Response: 3160361
Conc: 42.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



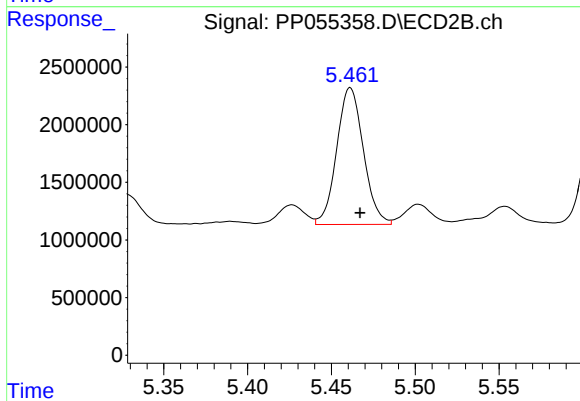
#25 AR-1248-5

R.T.: 5.502 min
Delta R.T.: -0.006 min
Response: 2023838
Conc: 41.16 ng/ml



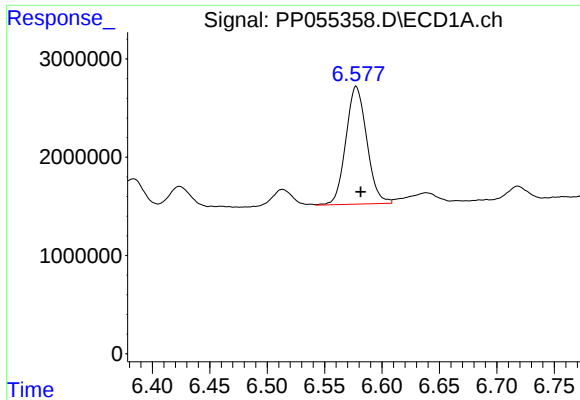
#26 AR-1254-1

R.T.: 6.359 min
Delta R.T.: -0.003 min
Response: 13989776
Conc: 177.33 ng/ml



#26 AR-1254-1

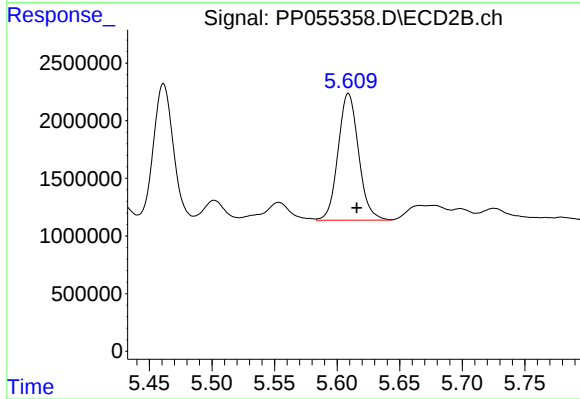
R.T.: 5.461 min
Delta R.T.: -0.006 min
Response: 13161135
Conc: 162.97 ng/ml



#27 AR-1254-2

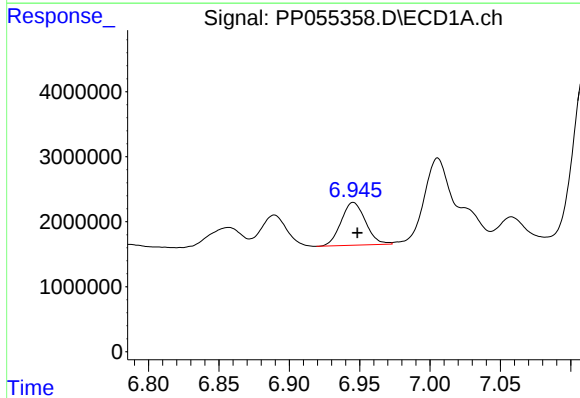
R.T.: 6.578 min
Delta R.T.: -0.004 min
Response: 15252092
Conc: 126.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



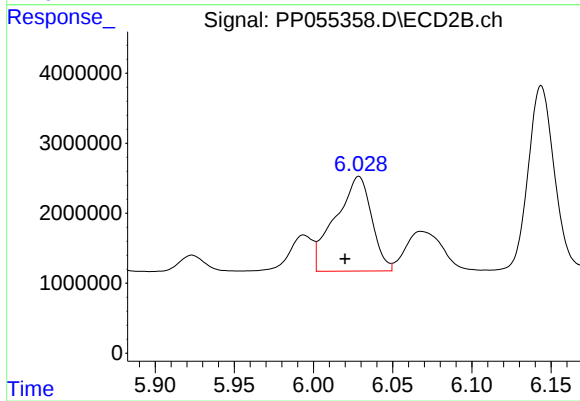
#27 AR-1254-2

R.T.: 5.609 min
Delta R.T.: -0.007 min
Response: 12536903
Conc: 175.19 ng/ml



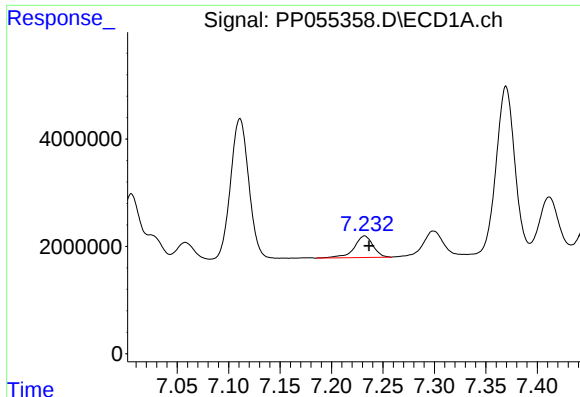
#28 AR-1254-3

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 7944477
Conc: 64.86 ng/ml



#28 AR-1254-3

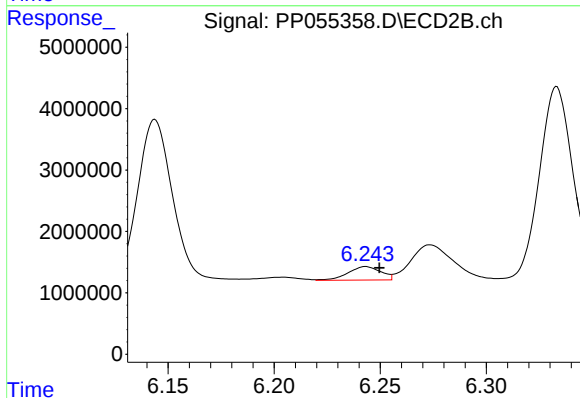
R.T.: 6.029 min
Delta R.T.: 0.009 min
Response: 21554030
Conc: 193.47 ng/ml



#29 AR-1254-4

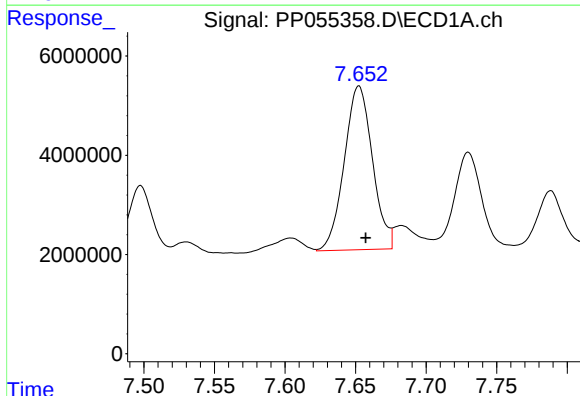
R.T.: 7.232 min
Delta R.T.: -0.004 min
Response: 5177188
Conc: 58.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



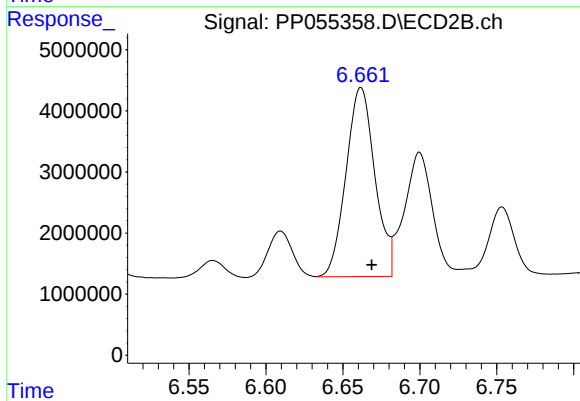
#29 AR-1254-4

R.T.: 6.243 min
Delta R.T.: -0.006 min
Response: 2363778
Conc: 38.43 ng/ml



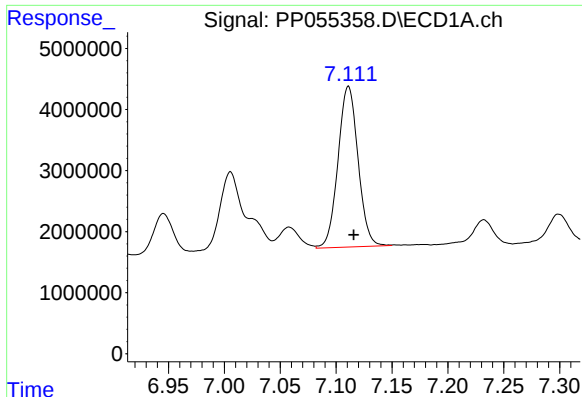
#30 AR-1254-5

R.T.: 7.652 min
Delta R.T.: -0.005 min
Response: 46003690
Conc: 454.76 ng/ml



#30 AR-1254-5

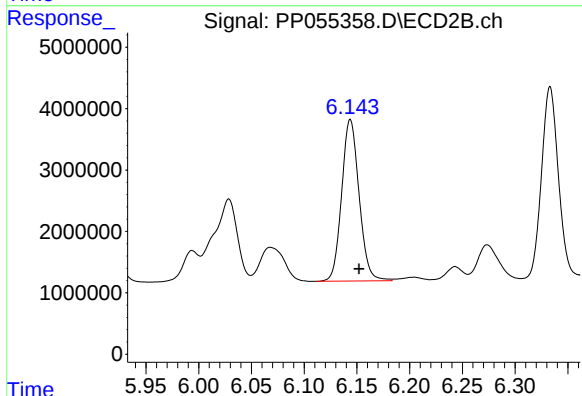
R.T.: 6.662 min
Delta R.T.: -0.007 min
Response: 40393626
Conc: 426.08 ng/ml



#31 AR-1260-1

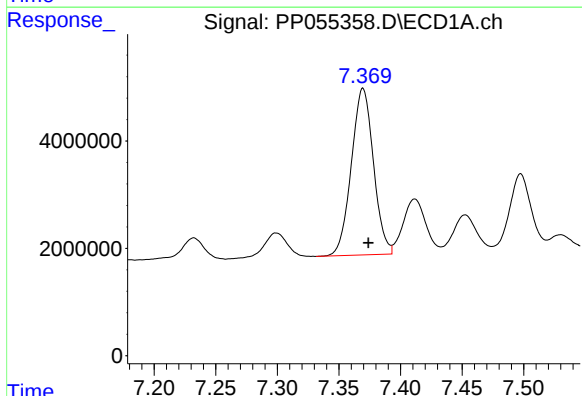
R.T.: 7.111 min
Delta R.T.: -0.005 min
Response: 32833883
Conc: 344.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



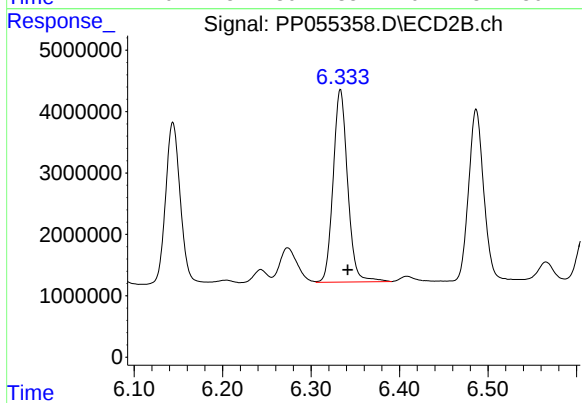
#31 AR-1260-1

R.T.: 6.144 min
Delta R.T.: -0.008 min
Response: 30231937
Conc: 389.87 ng/ml



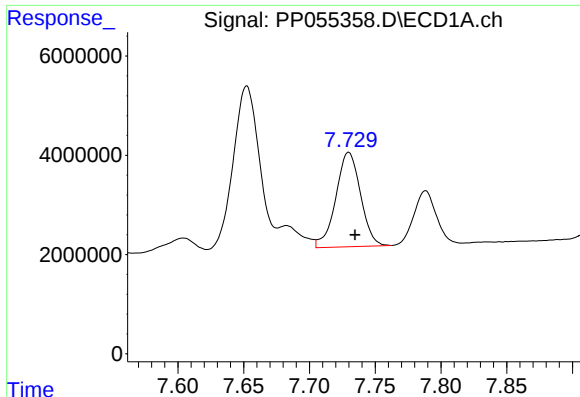
#32 AR-1260-2

R.T.: 7.370 min
Delta R.T.: -0.004 min
Response: 38759933
Conc: 344.39 ng/ml



#32 AR-1260-2

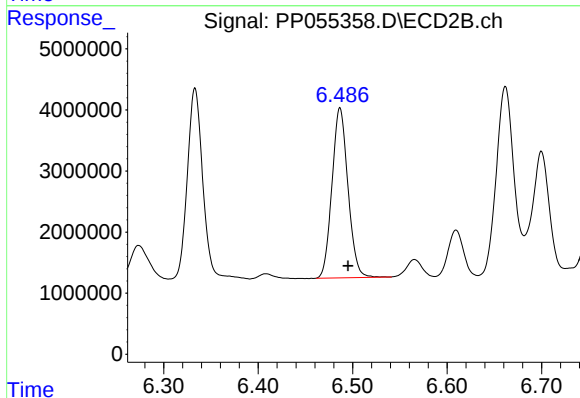
R.T.: 6.333 min
Delta R.T.: -0.008 min
Response: 35712176
Conc: 397.25 ng/ml



#33 AR-1260-3

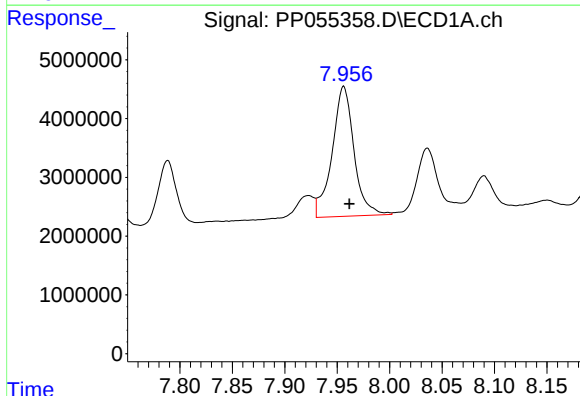
R.T.: 7.730 min
Delta R.T.: -0.005 min
Response: 24901854
Conc: 309.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



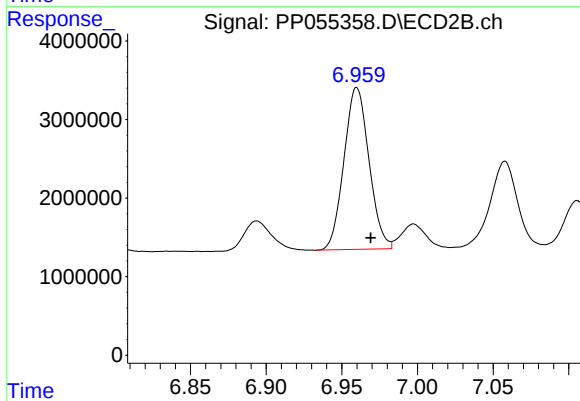
#33 AR-1260-3

R.T.: 6.487 min
Delta R.T.: -0.008 min
Response: 32709800
Conc: 385.23 ng/ml



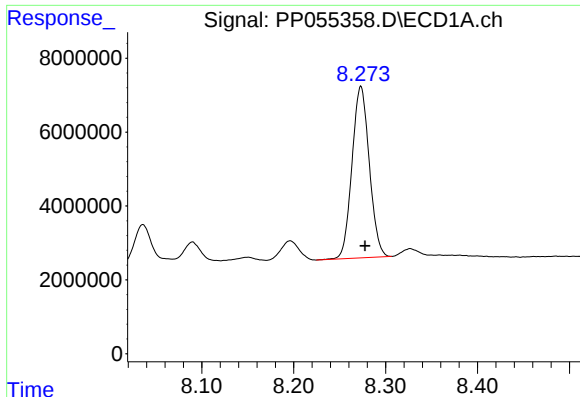
#34 AR-1260-4

R.T.: 7.956 min
Delta R.T.: -0.005 min
Response: 32129907
Conc: 330.97 ng/ml



#34 AR-1260-4

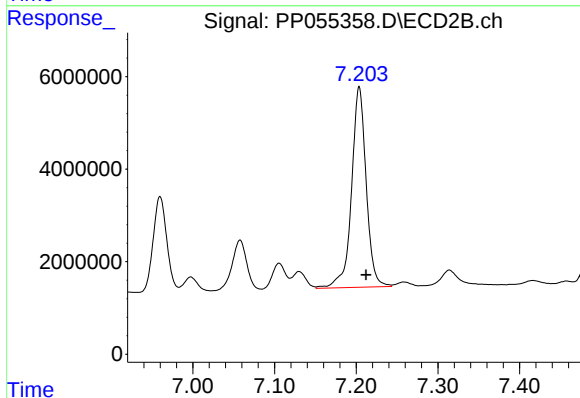
R.T.: 6.960 min
Delta R.T.: -0.009 min
Response: 23758709
Conc: 331.81 ng/ml



#35 AR-1260-5

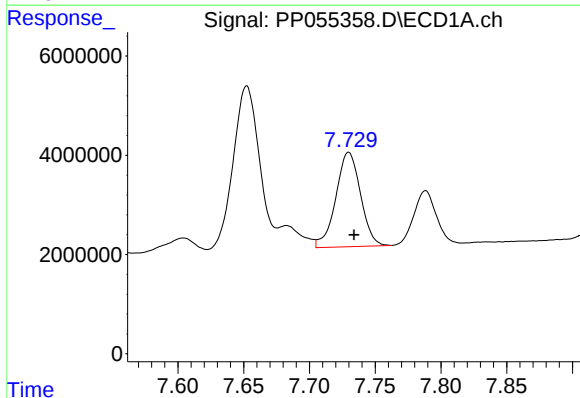
R.T.: 8.273 min
Delta R.T.: -0.005 min
Response: 60646215
Conc: 341.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



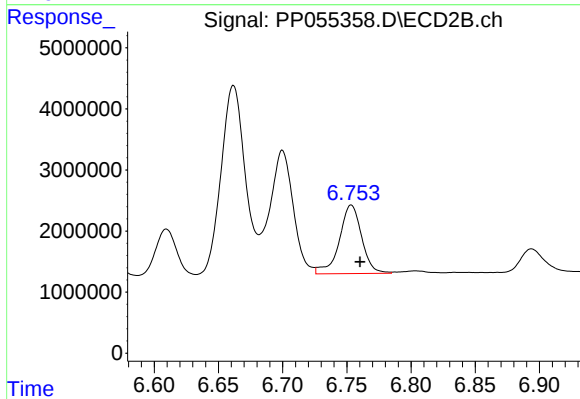
#35 AR-1260-5

R.T.: 7.204 min
Delta R.T.: -0.009 min
Response: 53948905
Conc: 350.92 ng/ml



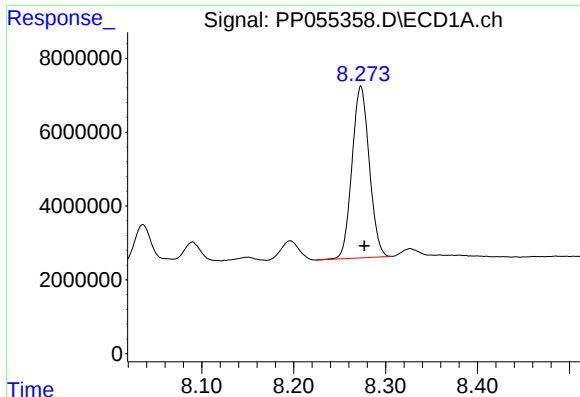
#36 AR-1262-1

R.T.: 7.730 min
Delta R.T.: -0.004 min
Response: 24901854
Conc: 211.06 ng/ml



#36 AR-1262-1

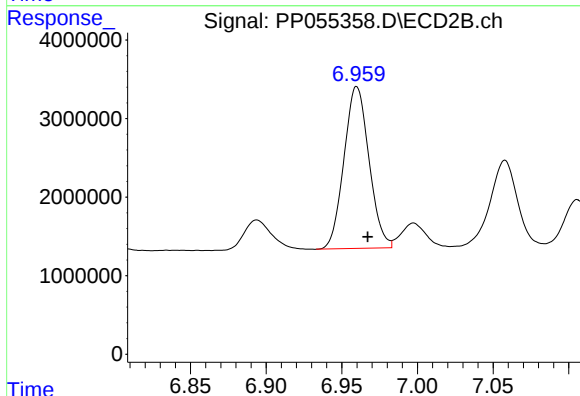
R.T.: 6.753 min
Delta R.T.: -0.007 min
Response: 13603551
Conc: 316.65 ng/ml



#37 AR-1262-2

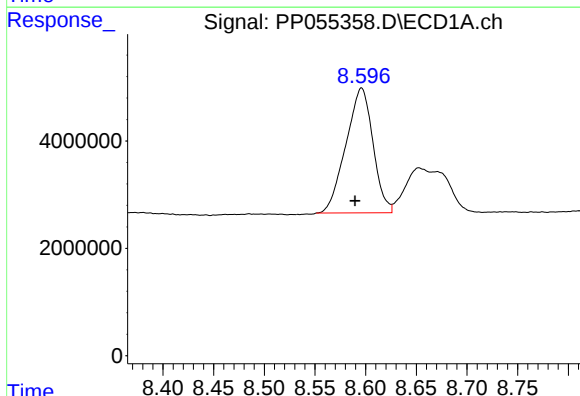
R.T.: 8.273 min
Delta R.T.: -0.004 min
Response: 60646215
Conc: 301.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



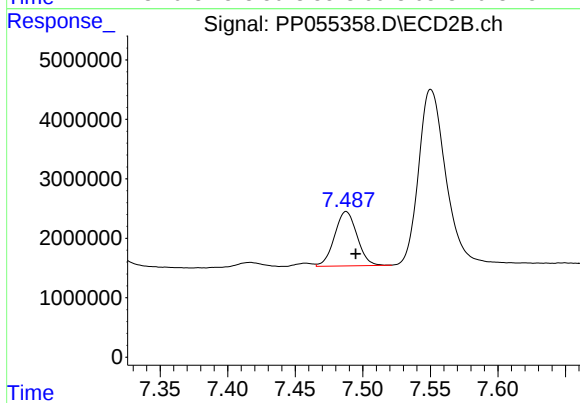
#37 AR-1262-2

R.T.: 6.960 min
Delta R.T.: -0.007 min
Response: 23758709
Conc: 256.51 ng/ml



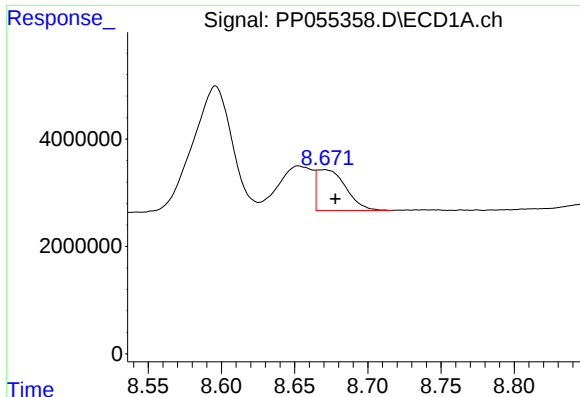
#38 AR-1262-3

R.T.: 8.596 min
Delta R.T.: 0.007 min
Response: 43215198
Conc: 310.74 ng/ml



#38 AR-1262-3

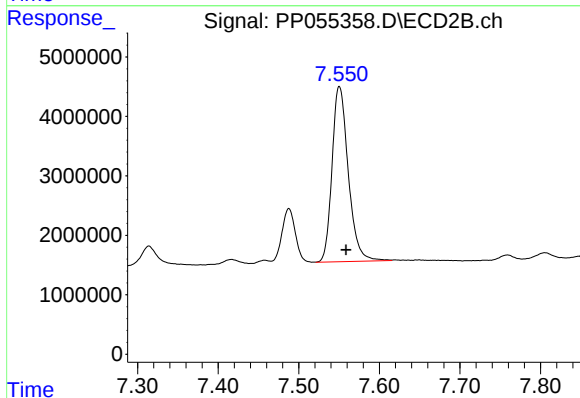
R.T.: 7.488 min
Delta R.T.: -0.007 min
Response: 10619925
Conc: 145.76 ng/ml



#39 AR-1262-4

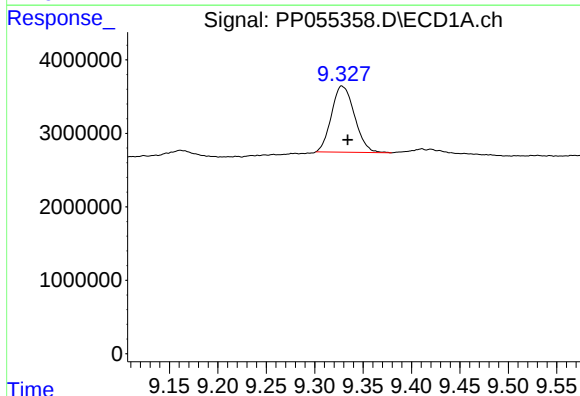
R.T.: 8.670 min
Delta R.T.: -0.008 min
Response: 10399999
Conc: 135.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



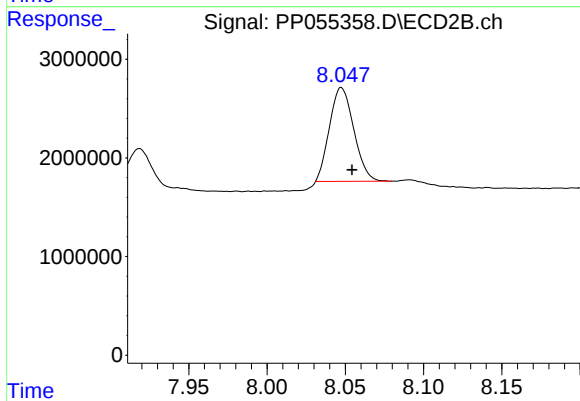
#39 AR-1262-4

R.T.: 7.550 min
Delta R.T.: -0.009 min
Response: 41219719
Conc: 315.19 ng/ml



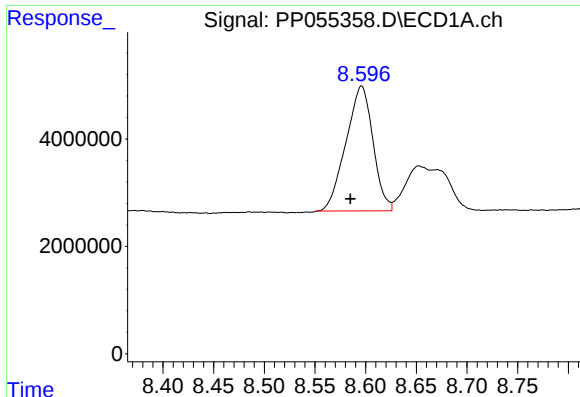
#40 AR-1262-5

R.T.: 9.328 min
Delta R.T.: -0.006 min
Response: 14916852
Conc: 208.57 ng/ml



#40 AR-1262-5

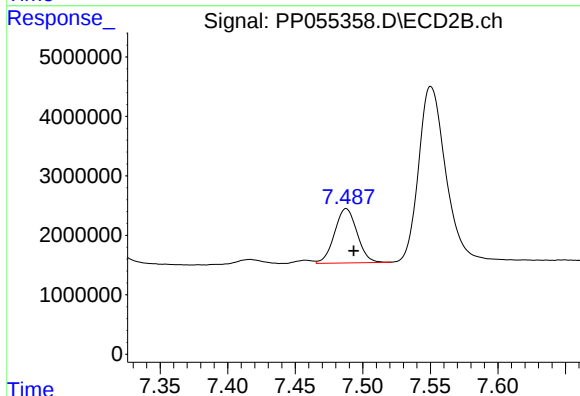
R.T.: 8.048 min
Delta R.T.: -0.007 min
Response: 10276080
Conc: 173.21 ng/ml



#41 AR-1268-1

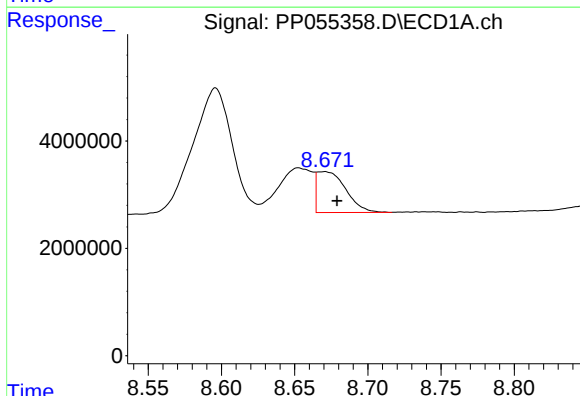
R.T.: 8.596 min
Delta R.T.: 0.011 min
Response: 43215198
Conc: 176.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



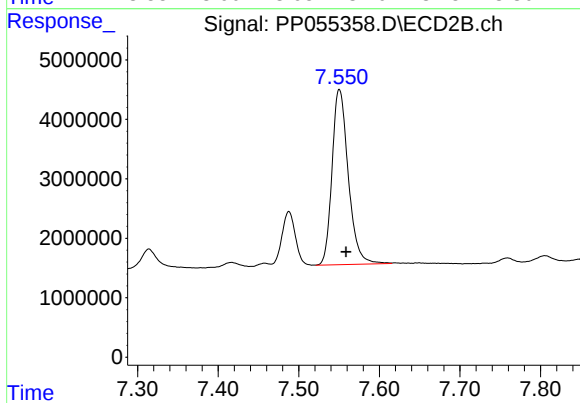
#41 AR-1268-1

R.T.: 7.488 min
Delta R.T.: -0.006 min
Response: 10619925
Conc: 49.12 ng/ml



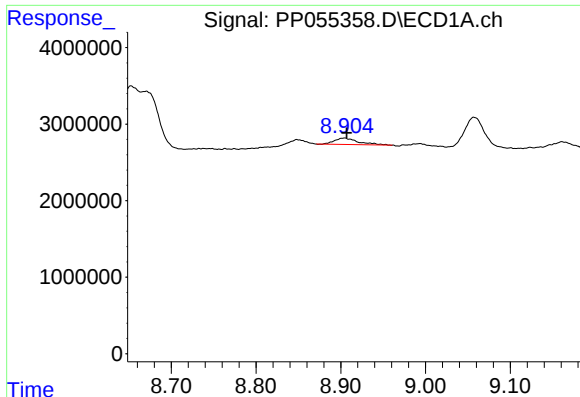
#42 AR-1268-2

R.T.: 8.670 min
Delta R.T.: -0.009 min
Response: 10399999
Conc: 45.79 ng/ml



#42 AR-1268-2

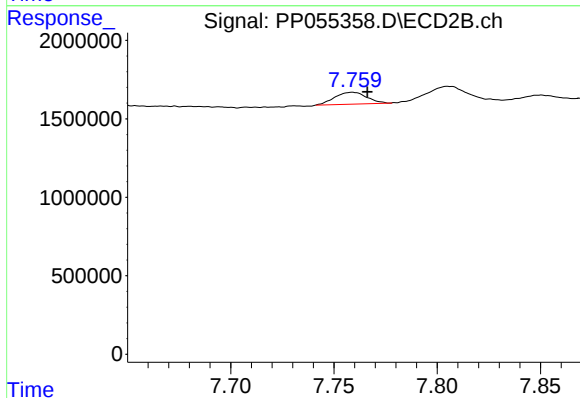
R.T.: 7.550 min
Delta R.T.: -0.009 min
Response: 41219719
Conc: 211.24 ng/ml



#43 AR-1268-3

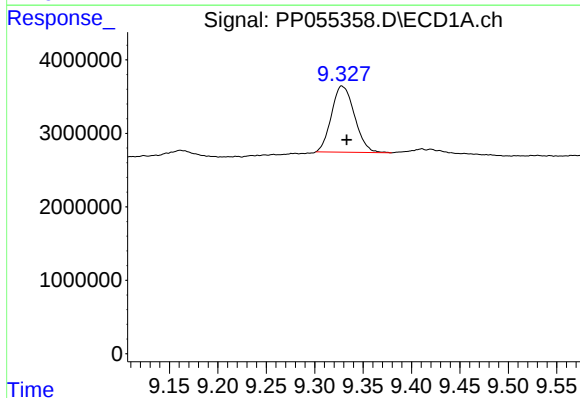
R.T.: 8.904 min
Delta R.T.: -0.003 min
Response: 1645964
Conc: 8.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



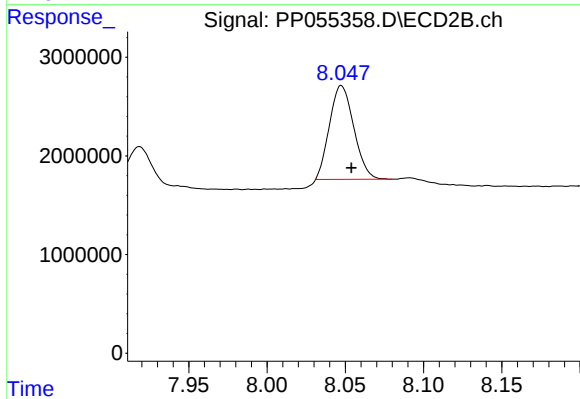
#43 AR-1268-3

R.T.: 7.759 min
Delta R.T.: -0.007 min
Response: 823975
Conc: 4.80 ng/ml



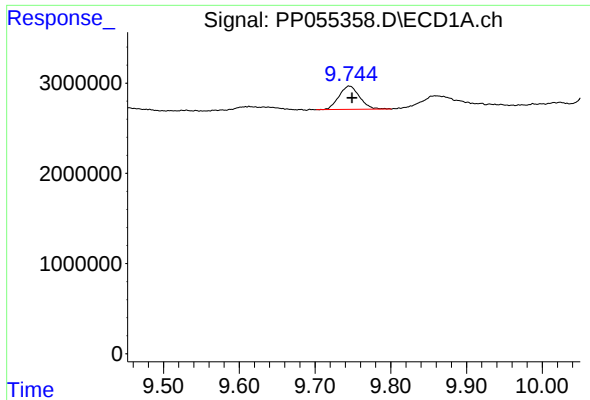
#44 AR-1268-4

R.T.: 9.328 min
Delta R.T.: -0.005 min
Response: 14916852
Conc: 189.91 ng/ml



#44 AR-1268-4

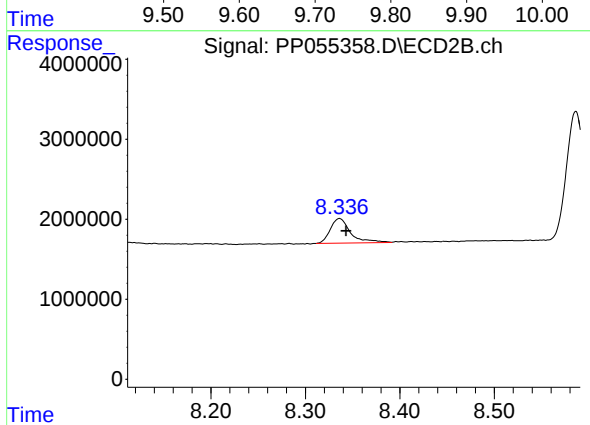
R.T.: 8.048 min
Delta R.T.: -0.006 min
Response: 10276080
Conc: 161.11 ng/ml



#45 AR-1268-5

R.T.: 9.745 min
Delta R.T.: -0.004 min
Response: 4904594
Conc: 7.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.336 min
Delta R.T.: -0.007 min
Response: 4597640
Conc: 8.73 ng/ml