

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072023\
 Data File : PP058808.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2023 15:50
 Operator : YP\AJ
 Sample : 03567-21
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 22:03:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP071923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 20 03:59:18 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...	4.426	3.666	18496168	25873763	12.659	12.108
2)	SA Decachlor...	10.224	8.717	36923908	66284703	41.344	36.488
Target Compounds							
3)	L1 AR-1016-1	5.624f	4.783f	3649260	4105475	85.060	62.995 #
4)	L1 AR-1016-2	5.624	4.783	3649260	4105475	60.322	44.021 #
5)	L1 AR-1016-3	5.692	4.960	559931	2008607	14.451	41.006 #
6)	L1 AR-1016-4	5.784	5.002	2498166	9864962	80.633	229.147 #
7)	L1 AR-1016-5	6.082	5.217	6698212	9527295	211.671	172.067
8)	L2 AR-1221-1	4.631	3.887	627937	402094	33.308	15.655 #
9)	L2 AR-1221-2	4.734	3.969	276389	433657	19.798	22.483
10)	L2 AR-1221-3	4.816f	4.044	233867	374475	5.720	6.239
11)	L3 AR-1232-1	4.816f	4.044	233867	374475	7.109	7.655
12)	L3 AR-1232-2	5.333	4.783	761343	4105475	43.777	96.344 #
13)	L3 AR-1232-3	5.624	4.960	3649260	2008607	128.832	89.734 #
14)	L3 AR-1232-4	5.784	5.043	2498166	10557183	174.684	482.356 #
15)	L3 AR-1232-5	5.877	5.217	6607988	9527295	562.151	389.055 #
16)	L4 AR-1242-1	5.624f	4.783f	3649260	4105475	95.467	72.596
17)	L4 AR-1242-2	5.624	4.783	3649260	4105475	68.173	50.938 #
18)	L4 AR-1242-3	5.692	4.960	559931	2008607	16.382	47.166 #
19)	L4 AR-1242-4	5.784	5.043	2498166	10557183	90.909	237.633 #
20)	L4 AR-1242-5	6.526	5.571	13294120	30229882	510.483	579.361
21)	L5 AR-1248-1	5.624f	4.783f	3649260	4105475	134.767	101.609
22)	L5 AR-1248-2	5.877	5.002	6607988	9864962	167.261	161.929
23)	L5 AR-1248-3	6.082	5.043	6698212	10557183	151.020	171.243
24)	L5 AR-1248-4	6.488	5.217	13173018	9527295	312.078	130.806 #
25)	L5 AR-1248-5	6.526	5.612	13294120	17867284	325.775	274.667
26)	L6 AR-1254-1	6.460	5.571	12835436	30229882	263.734	276.340
27)	L6 AR-1254-2	6.682	5.720	21528437	23358951	301.118	244.554
28)	L6 AR-1254-3	7.048	6.126	19901425	37652367	269.876	250.058
29)	L6 AR-1254-4	7.335	6.356	16415484	26799559	335.368	324.548
30)	L6 AR-1254-5	7.755	6.775	28540937	53127878	527.172	414.770
31)	L7 AR-1260-1	7.213	6.256	8995740	27342359	157.900	249.253 #
32)	L7 AR-1260-2	7.470	6.447	16685322	28314367	257.735	223.615
33)	L7 AR-1260-3	7.832	6.599	21566508	19344271	435.747	159.537 #
34)	L7 AR-1260-4	8.047	7.073	5193957	49428616	97.796	494.932 #
35)	L7 AR-1260-5	8.380	7.316	13477131	22480914	140.048	109.425
36)	L8 AR-1262-1	7.832	6.866	21566508	11562699	312.062	195.586 #
37)	L8 AR-1262-2	8.380	7.073	13477131	49428616	125.682	396.231 #
38)	L8 AR-1262-3	8.695	7.602	75053558	148.8E6	1010.602	1570.511 #
39)	L8 AR-1262-4	8.789	7.666	70484907	142.2E6	1211.818	855.551 #
40)	L8 AR-1262-5	9.453	8.163	19043940	35398104	523.643	502.851
41)	L9 AR-1268-1	8.695	7.602	75053558	148.8E6	581.343	533.717

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 ALS Vial : 27 Sample Multiplier: 1

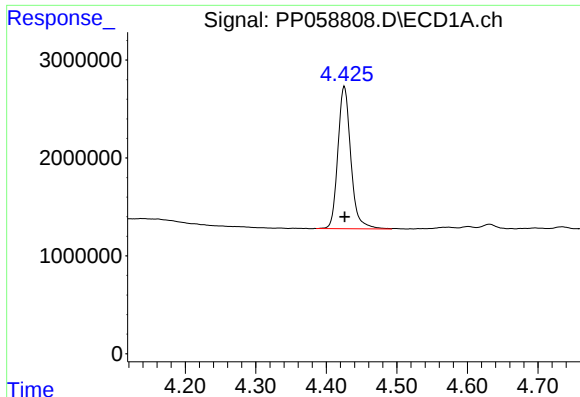
Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 22:03:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP071923.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	8.789	7.666	70484907	142.2E6	599.821	575.868
43) L9	AR-1268-3	9.022	7.875	49543942	96977751	485.649	437.042
44) L9	AR-1268-4	9.453	8.163	19043940	35398104	494.464	453.123
45) L9	AR-1268-5	9.877	8.458	150.9E6	271.1E6	457.920	426.053

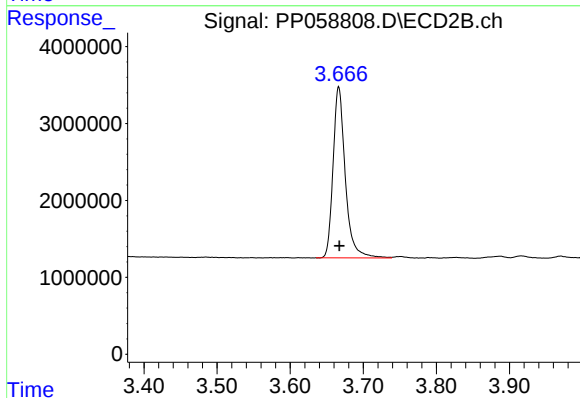
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

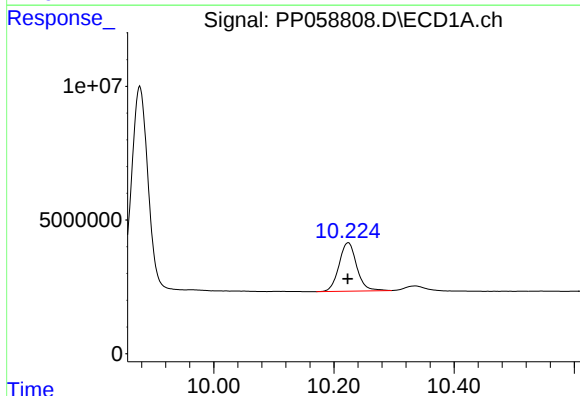
R.T.: 4.426 min
Delta R.T.: 0.000 min
Response: 18496168
Conc: 12.66 ng/ml

Instrument :
ECD_D
ClientSampleId :



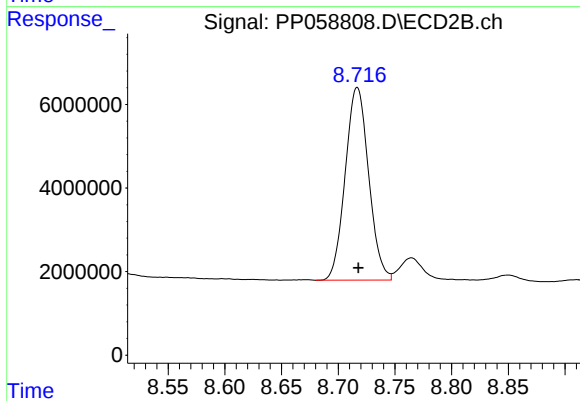
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 25873763
Conc: 12.11 ng/ml



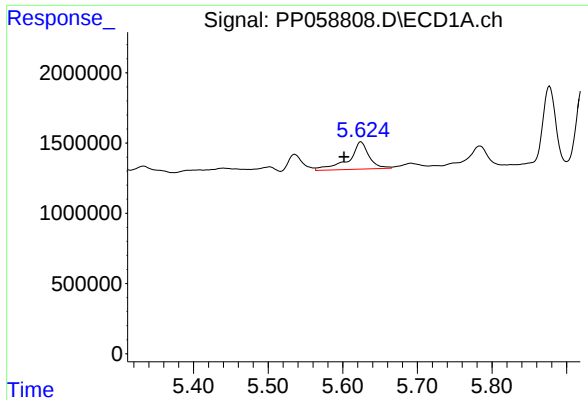
#2 Decachlorobiphenyl

R.T.: 10.224 min
Delta R.T.: 0.001 min
Response: 36923908
Conc: 41.34 ng/ml



#2 Decachlorobiphenyl

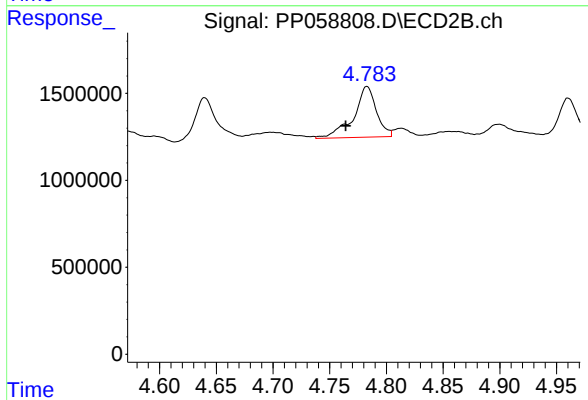
R.T.: 8.717 min
Delta R.T.: -0.001 min
Response: 66284703
Conc: 36.49 ng/ml



#3 AR-1016-1

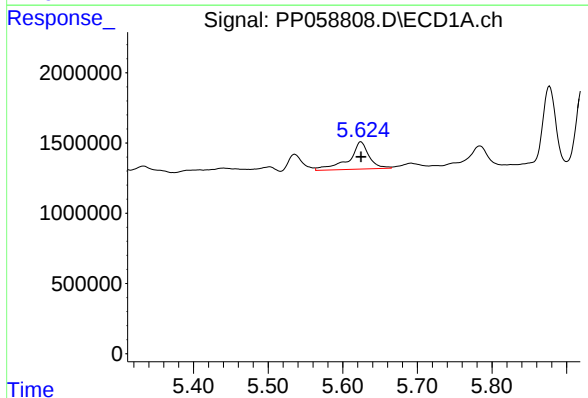
R.T.: 5.624 min
Delta R.T.: 0.023 min
Response: 3649260
Conc: 85.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



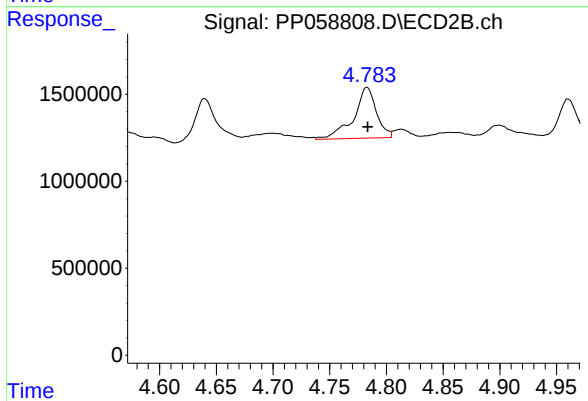
#3 AR-1016-1

R.T.: 4.783 min
Delta R.T.: 0.019 min
Response: 4105475
Conc: 63.00 ng/ml



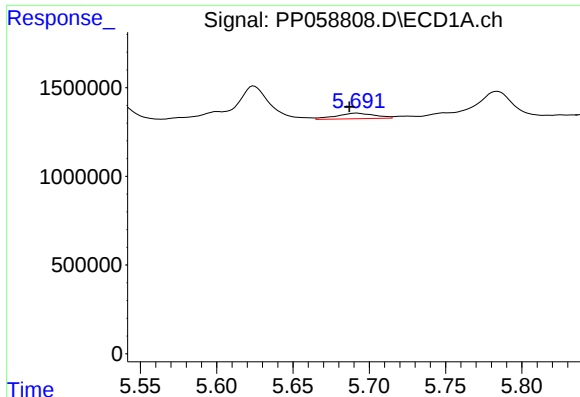
#4 AR-1016-2

R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 3649260
Conc: 60.32 ng/ml



#4 AR-1016-2

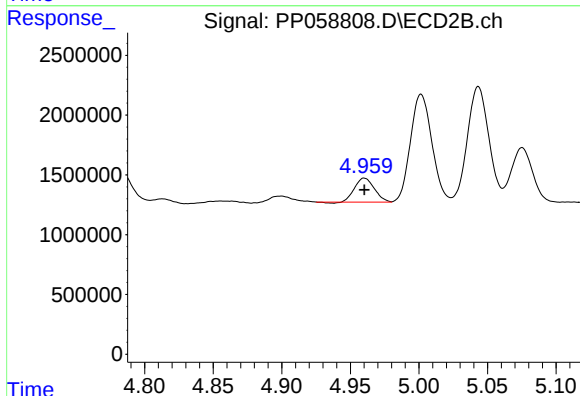
R.T.: 4.783 min
Delta R.T.: 0.000 min
Response: 4105475
Conc: 44.02 ng/ml



#5 AR-1016-3

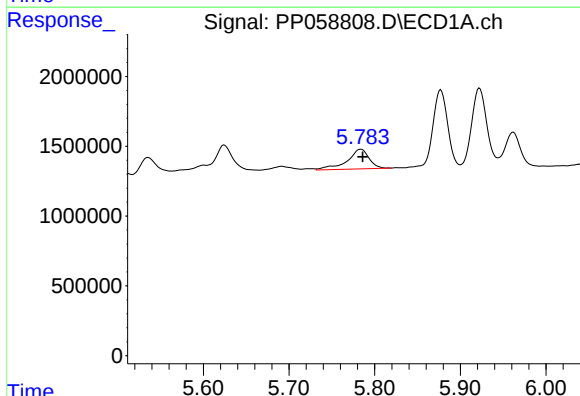
R.T.: 5.692 min
Delta R.T.: 0.005 min
Response: 559931
Conc: 14.45 ng/ml

Instrument :
ECD_D
ClientSampleId :



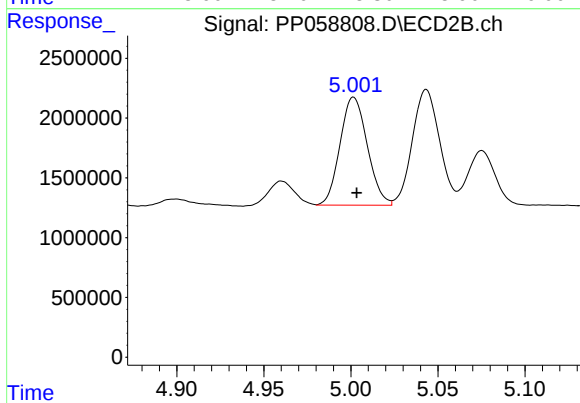
#5 AR-1016-3

R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 2008607
Conc: 41.01 ng/ml



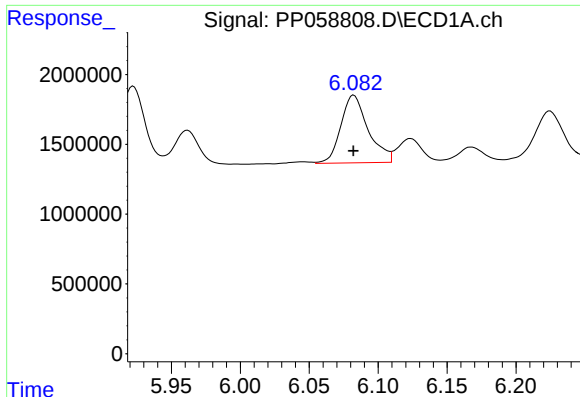
#6 AR-1016-4

R.T.: 5.784 min
Delta R.T.: -0.002 min
Response: 2498166
Conc: 80.63 ng/ml



#6 AR-1016-4

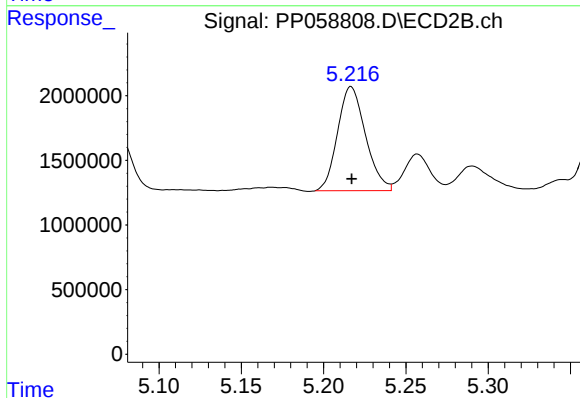
R.T.: 5.002 min
Delta R.T.: -0.002 min
Response: 9864962
Conc: 229.15 ng/ml



#7 AR-1016-5

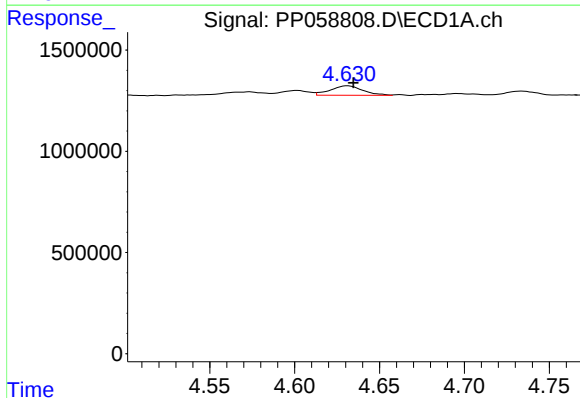
R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 6698212
Conc: 211.67 ng/ml

Instrument :
ECD_D
ClientSampleId :



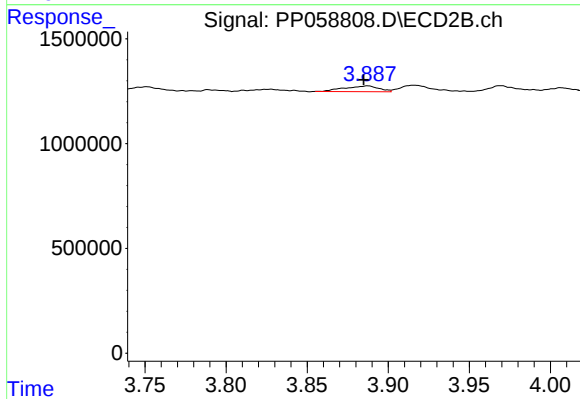
#7 AR-1016-5

R.T.: 5.217 min
Delta R.T.: 0.000 min
Response: 9527295
Conc: 172.07 ng/ml



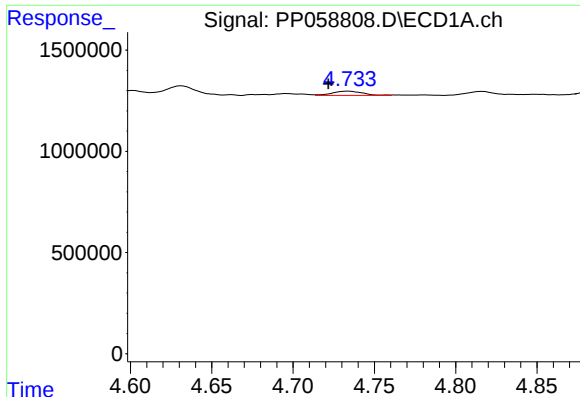
#8 AR-1221-1

R.T.: 4.631 min
Delta R.T.: -0.004 min
Response: 627937
Conc: 33.31 ng/ml



#8 AR-1221-1

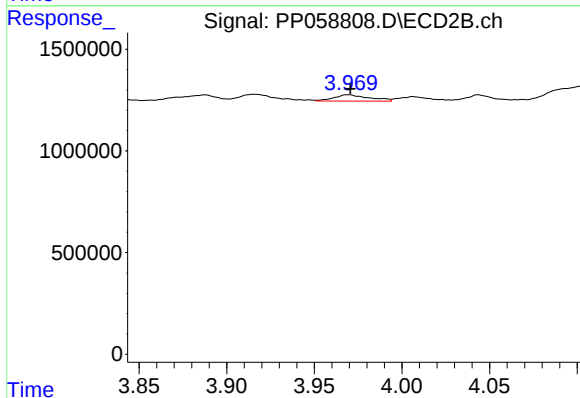
R.T.: 3.887 min
Delta R.T.: 0.002 min
Response: 402094
Conc: 15.65 ng/ml



#9 AR-1221-2

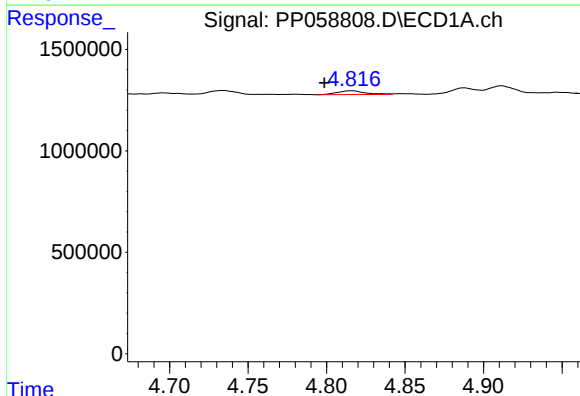
R.T.: 4.734 min
Delta R.T.: 0.012 min
Response: 276389
Conc: 19.80 ng/ml

Instrument :
ECD_D
ClientSampleId :



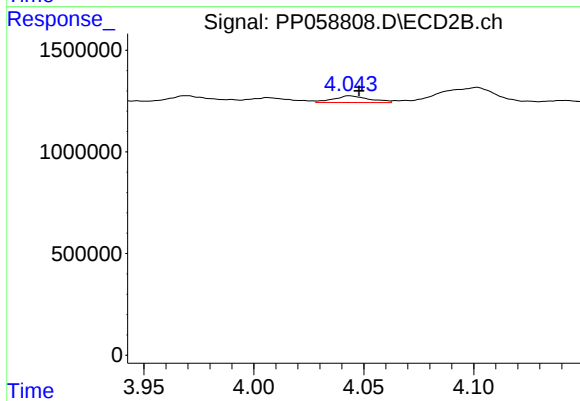
#9 AR-1221-2

R.T.: 3.969 min
Delta R.T.: -0.001 min
Response: 433657
Conc: 22.48 ng/ml



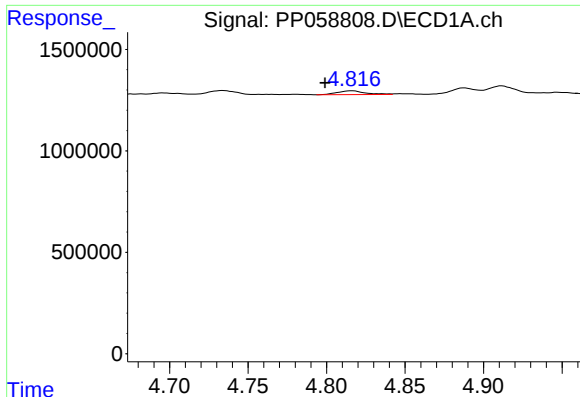
#10 AR-1221-3

R.T.: 4.816 min
Delta R.T.: 0.018 min
Response: 233867
Conc: 5.72 ng/ml



#10 AR-1221-3

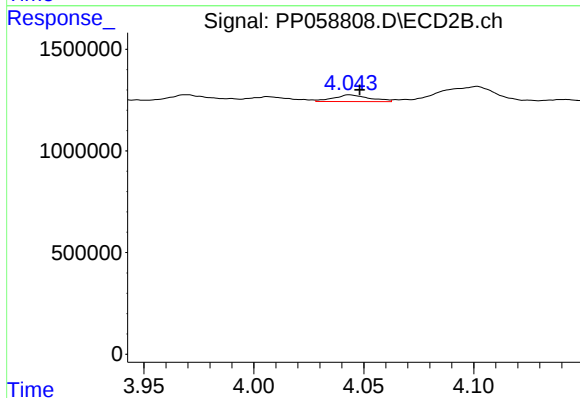
R.T.: 4.044 min
Delta R.T.: -0.004 min
Response: 374475
Conc: 6.24 ng/ml



#11 AR-1232-1

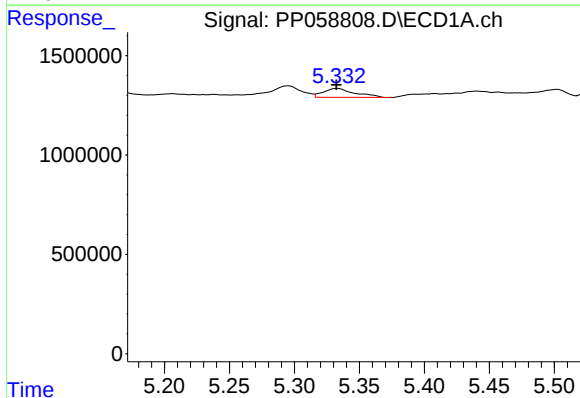
R.T.: 4.816 min
Delta R.T.: 0.017 min
Response: 233867
Conc: 7.11 ng/ml

Instrument :
ECD_D
ClientSampleId :



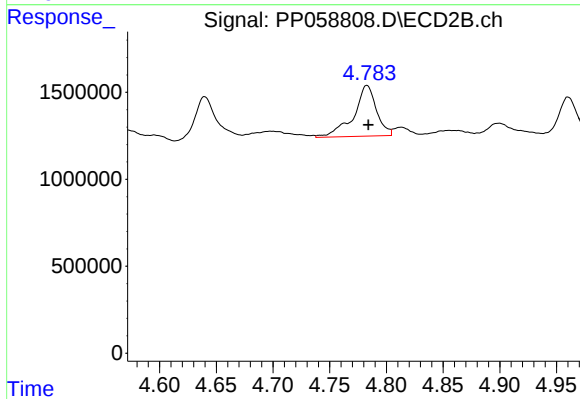
#11 AR-1232-1

R.T.: 4.044 min
Delta R.T.: -0.005 min
Response: 374475
Conc: 7.65 ng/ml



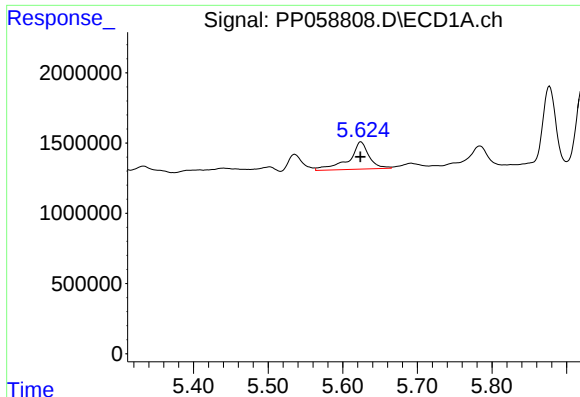
#12 AR-1232-2

R.T.: 5.333 min
Delta R.T.: 0.000 min
Response: 761343
Conc: 43.78 ng/ml



#12 AR-1232-2

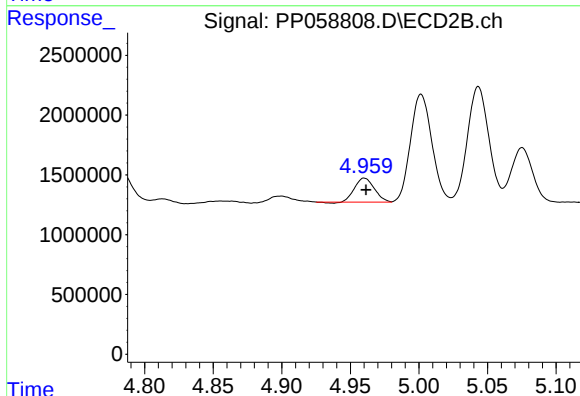
R.T.: 4.783 min
Delta R.T.: -0.001 min
Response: 4105475
Conc: 96.34 ng/ml



#13 AR-1232-3

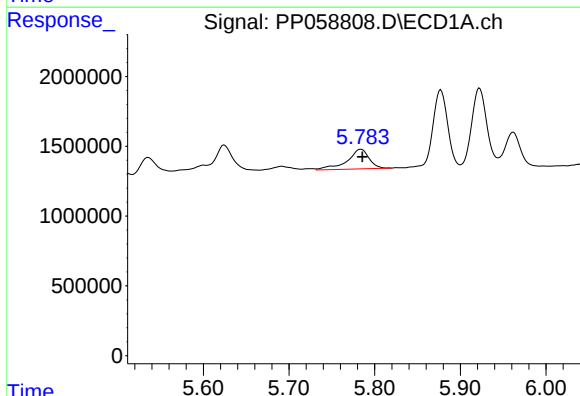
R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 3649260
Conc: 128.83 ng/ml

Instrument :
ECD_D
ClientSampleId :



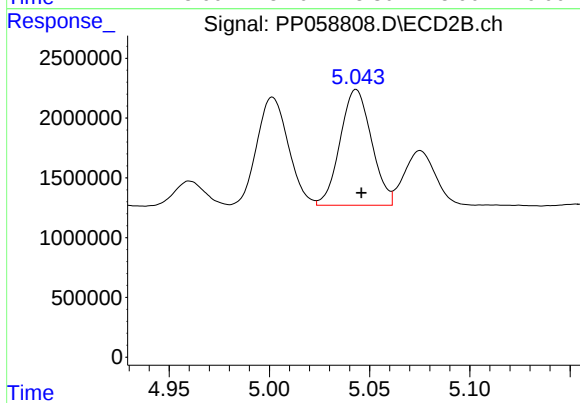
#13 AR-1232-3

R.T.: 4.960 min
Delta R.T.: -0.001 min
Response: 2008607
Conc: 89.73 ng/ml



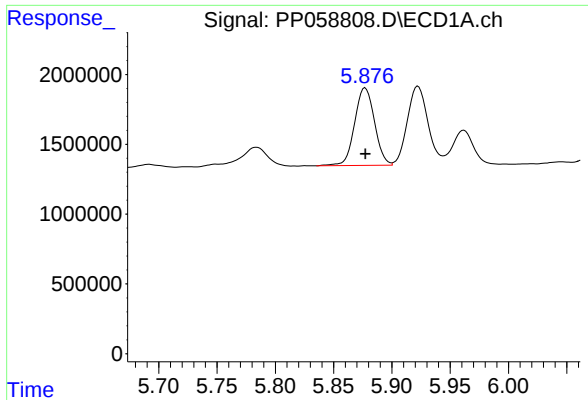
#14 AR-1232-4

R.T.: 5.784 min
Delta R.T.: -0.002 min
Response: 2498166
Conc: 174.68 ng/ml



#14 AR-1232-4

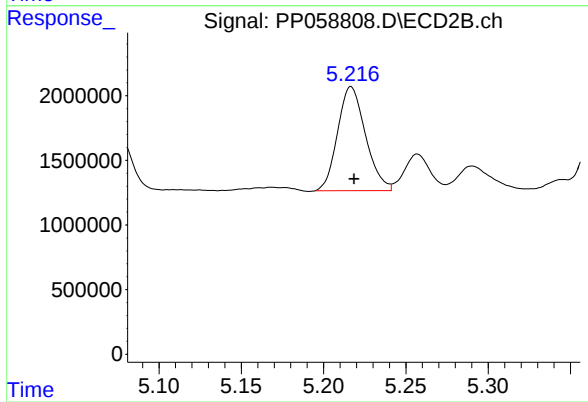
R.T.: 5.043 min
Delta R.T.: -0.003 min
Response: 10557183
Conc: 482.36 ng/ml



#15 AR-1232-5

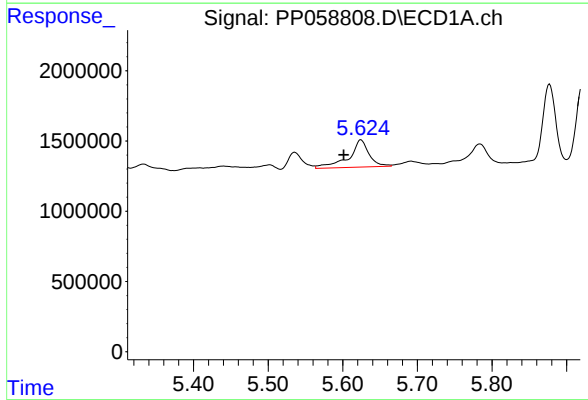
R.T.: 5.877 min
Delta R.T.: 0.000 min
Response: 6607988
Conc: 562.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



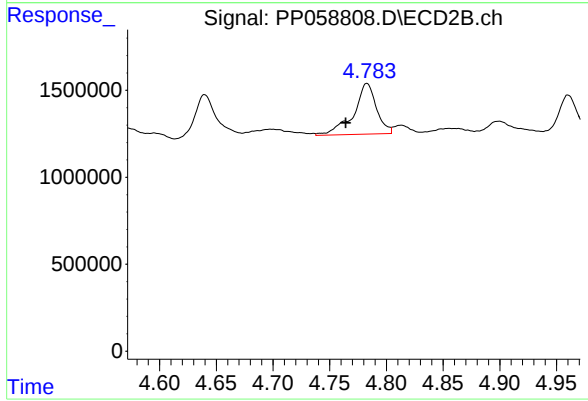
#15 AR-1232-5

R.T.: 5.217 min
Delta R.T.: -0.002 min
Response: 9527295
Conc: 389.05 ng/ml



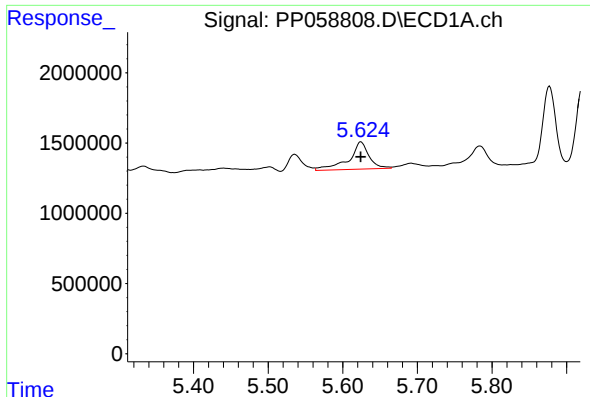
#16 AR-1242-1

R.T.: 5.624 min
Delta R.T.: 0.023 min
Response: 3649260
Conc: 95.47 ng/ml



#16 AR-1242-1

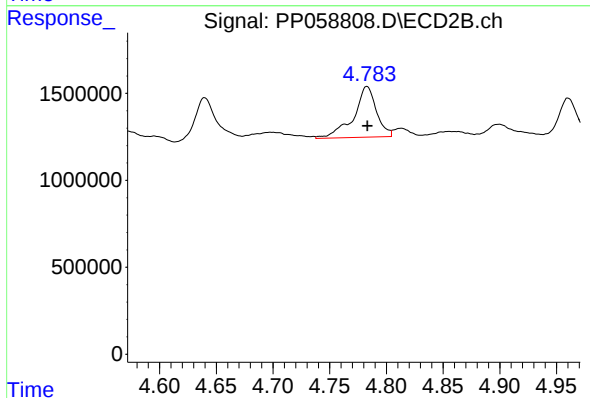
R.T.: 4.783 min
Delta R.T.: 0.019 min
Response: 4105475
Conc: 72.60 ng/ml



#17 AR-1242-2

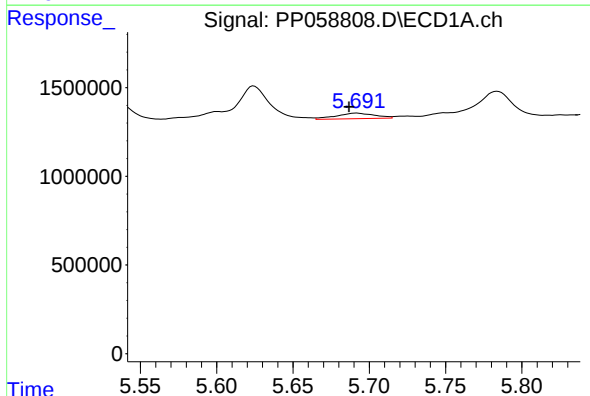
R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 3649260
Conc: 68.17 ng/ml

Instrument :
ECD_D
ClientSampleId :



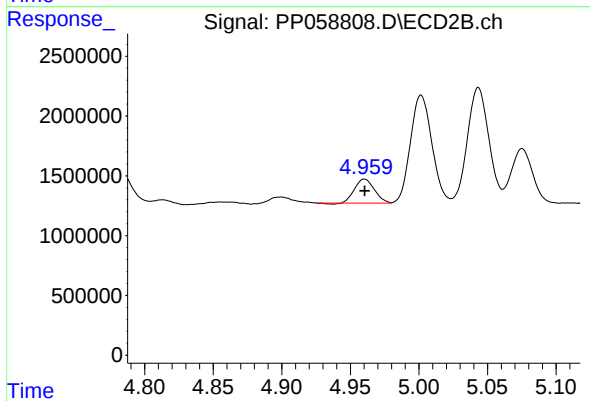
#17 AR-1242-2

R.T.: 4.783 min
Delta R.T.: 0.000 min
Response: 4105475
Conc: 50.94 ng/ml



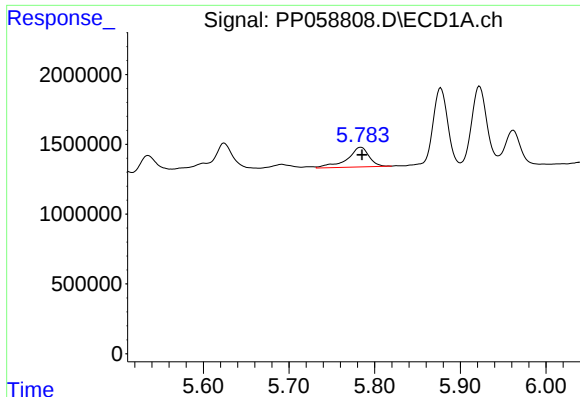
#18 AR-1242-3

R.T.: 5.692 min
Delta R.T.: 0.005 min
Response: 559931
Conc: 16.38 ng/ml



#18 AR-1242-3

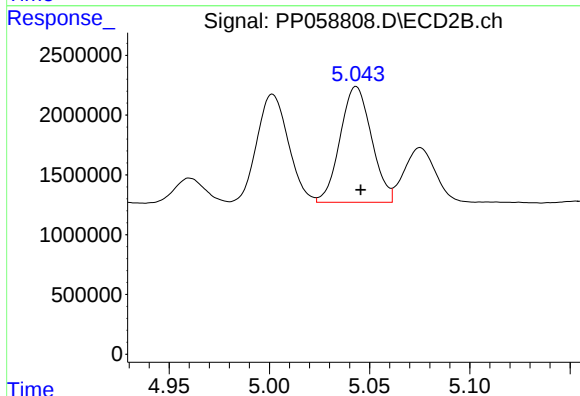
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 2008607
Conc: 47.17 ng/ml



#19 AR-1242-4

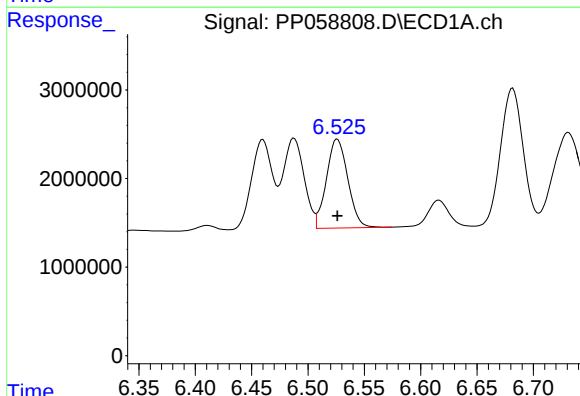
R.T.: 5.784 min
Delta R.T.: -0.001 min
Response: 2498166
Conc: 90.91 ng/ml

Instrument :
ECD_D
ClientSampleId :



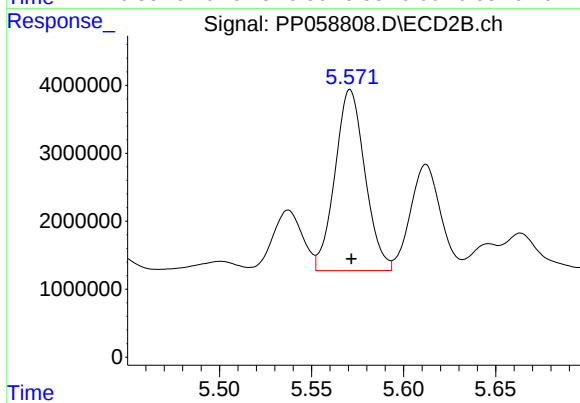
#19 AR-1242-4

R.T.: 5.043 min
Delta R.T.: -0.002 min
Response: 10557183
Conc: 237.63 ng/ml



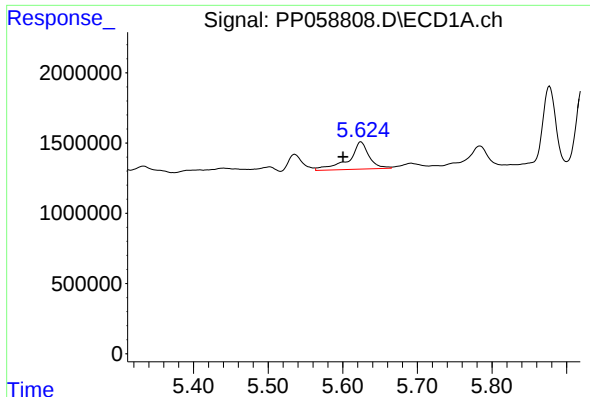
#20 AR-1242-5

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 13294120
Conc: 510.48 ng/ml



#20 AR-1242-5

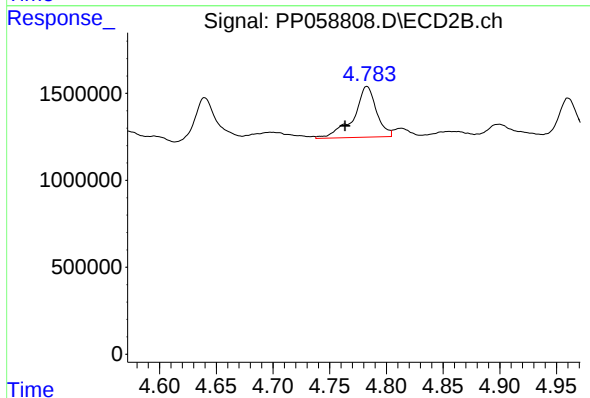
R.T.: 5.571 min
Delta R.T.: 0.000 min
Response: 30229882
Conc: 579.36 ng/ml



#21 AR-1248-1

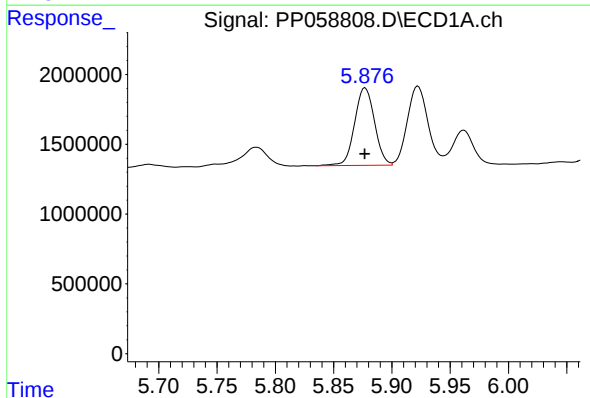
R.T.: 5.624 min
Delta R.T.: 0.024 min
Response: 3649260
Conc: 134.77 ng/ml

Instrument :
ECD_D
ClientSampleId :



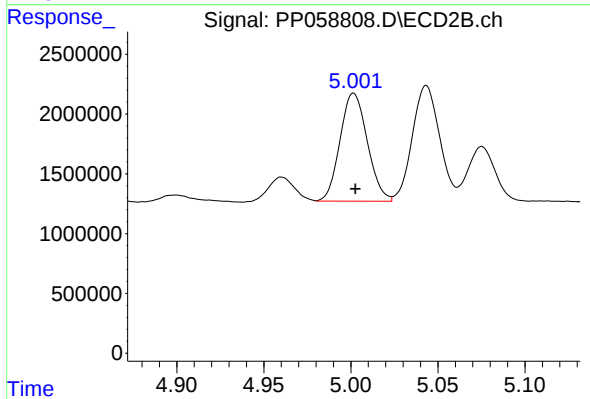
#21 AR-1248-1

R.T.: 4.783 min
Delta R.T.: 0.019 min
Response: 4105475
Conc: 101.61 ng/ml



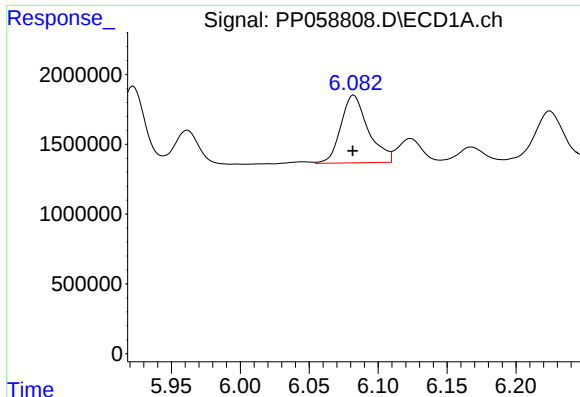
#22 AR-1248-2

R.T.: 5.877 min
Delta R.T.: 0.000 min
Response: 6607988
Conc: 167.26 ng/ml



#22 AR-1248-2

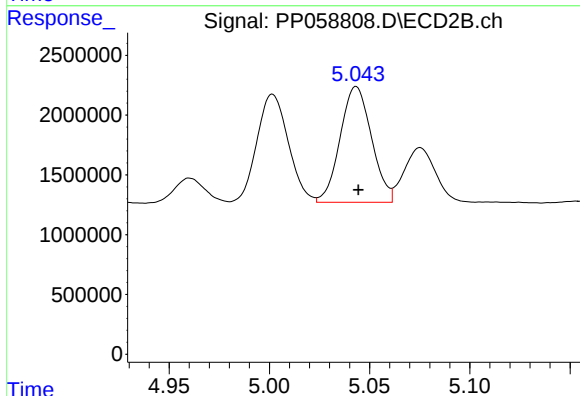
R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 9864962
Conc: 161.93 ng/ml



#23 AR-1248-3

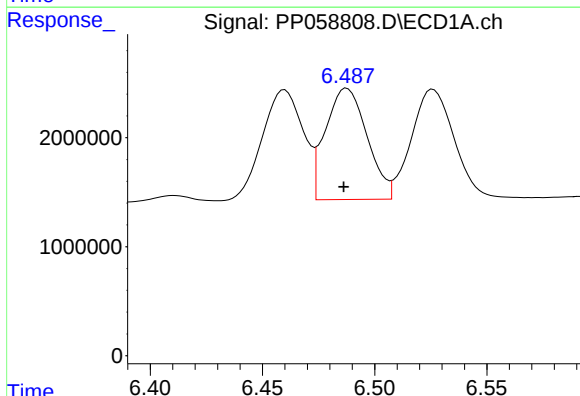
R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 6698212
Conc: 151.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



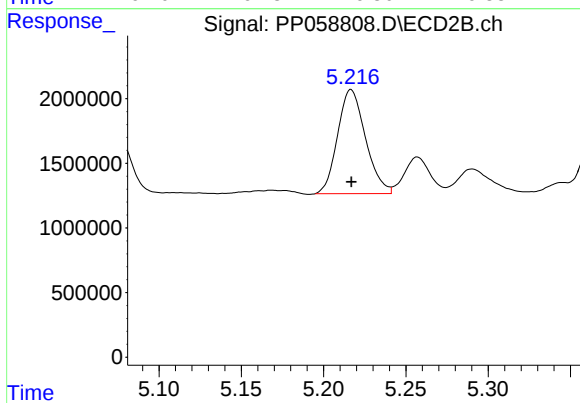
#23 AR-1248-3

R.T.: 5.043 min
Delta R.T.: -0.001 min
Response: 10557183
Conc: 171.24 ng/ml



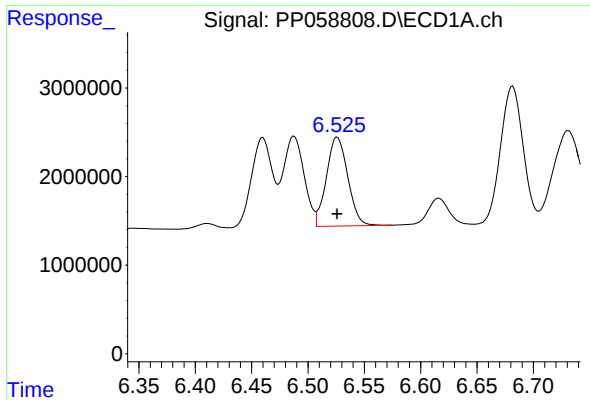
#24 AR-1248-4

R.T.: 6.488 min
Delta R.T.: 0.001 min
Response: 13173018
Conc: 312.08 ng/ml



#24 AR-1248-4

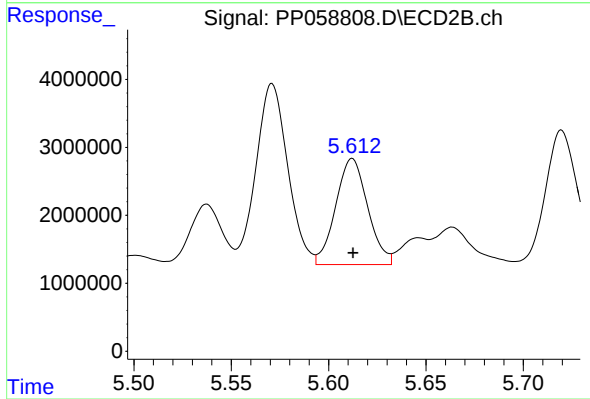
R.T.: 5.217 min
Delta R.T.: 0.000 min
Response: 9527295
Conc: 130.81 ng/ml



#25 AR-1248-5

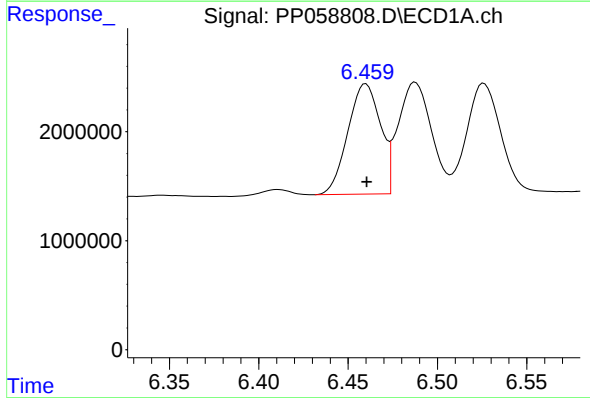
R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 13294120
Conc: 325.77 ng/ml

Instrument :
ECD_D
ClientSampleId :



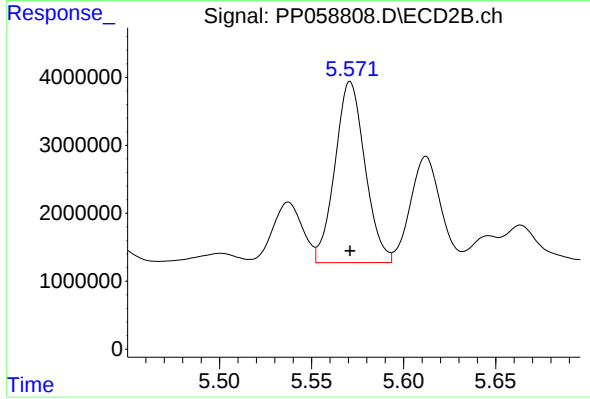
#25 AR-1248-5

R.T.: 5.612 min
Delta R.T.: 0.000 min
Response: 17867284
Conc: 274.67 ng/ml



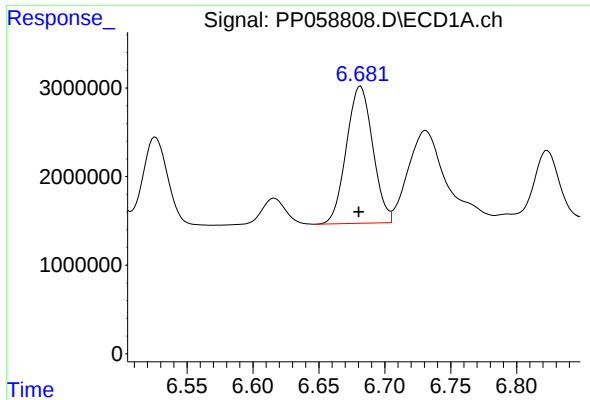
#26 AR-1254-1

R.T.: 6.460 min
Delta R.T.: 0.000 min
Response: 12835436
Conc: 263.73 ng/ml



#26 AR-1254-1

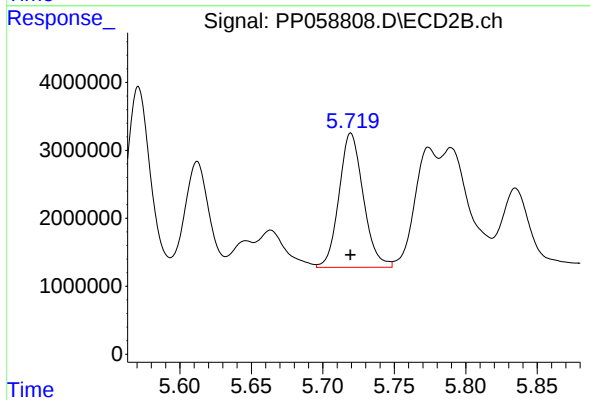
R.T.: 5.571 min
Delta R.T.: 0.000 min
Response: 30229882
Conc: 276.34 ng/ml



#27 AR-1254-2

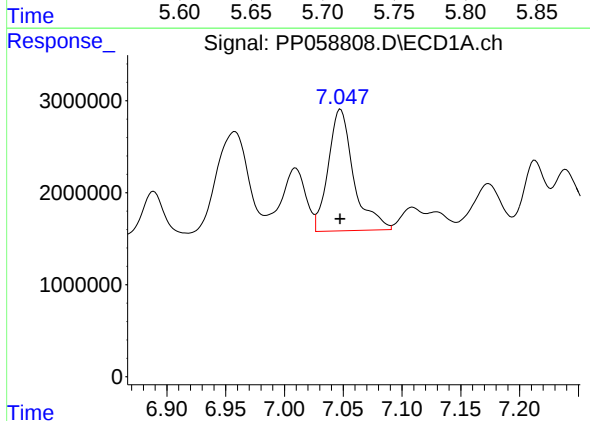
R.T.: 6.682 min
Delta R.T.: 0.001 min
Response: 21528437
Conc: 301.12 ng/ml

Instrument :
ECD_D
ClientSampleId :



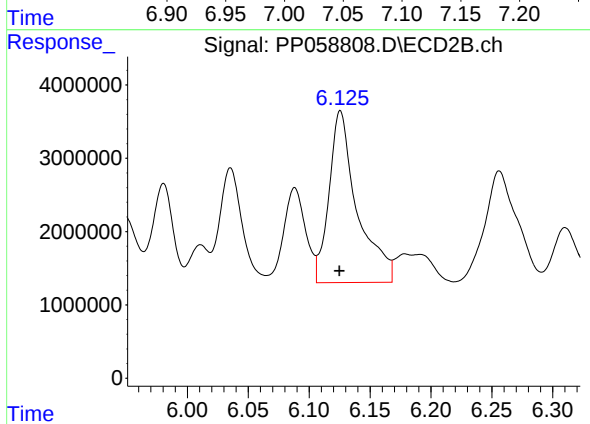
#27 AR-1254-2

R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 23358951
Conc: 244.55 ng/ml



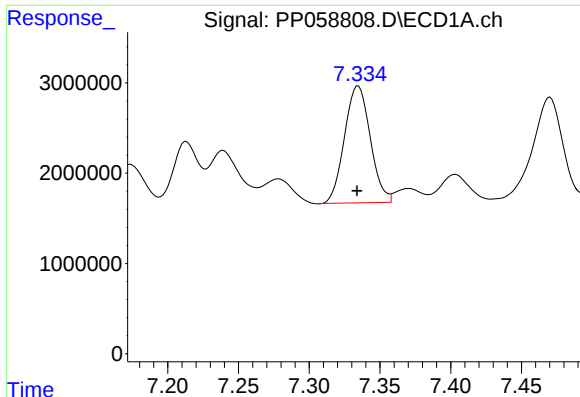
#28 AR-1254-3

R.T.: 7.048 min
Delta R.T.: 0.000 min
Response: 19901425
Conc: 269.88 ng/ml



#28 AR-1254-3

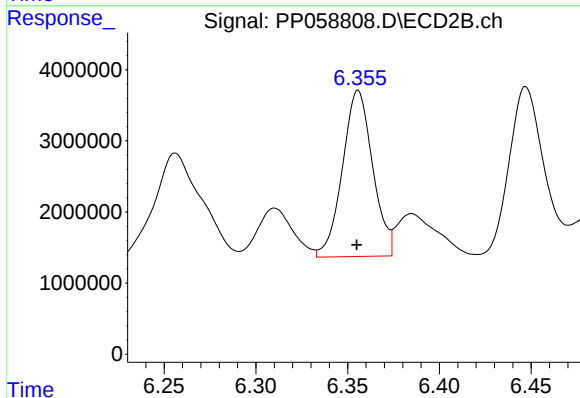
R.T.: 6.126 min
Delta R.T.: 0.000 min
Response: 37652367
Conc: 250.06 ng/ml



#29 AR-1254-4

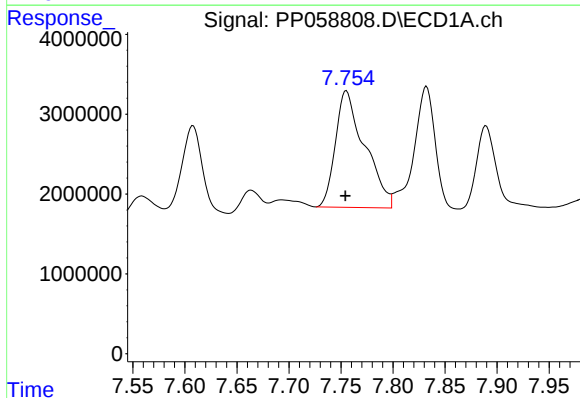
R.T.: 7.335 min
Delta R.T.: 0.000 min
Response: 16415484
Conc: 335.37 ng/ml

Instrument :
ECD_D
ClientSampleId :



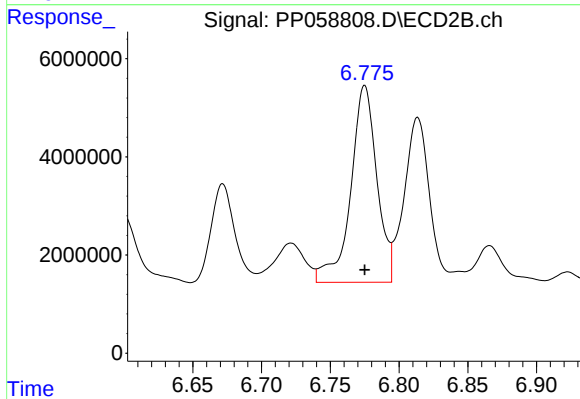
#29 AR-1254-4

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 26799559
Conc: 324.55 ng/ml



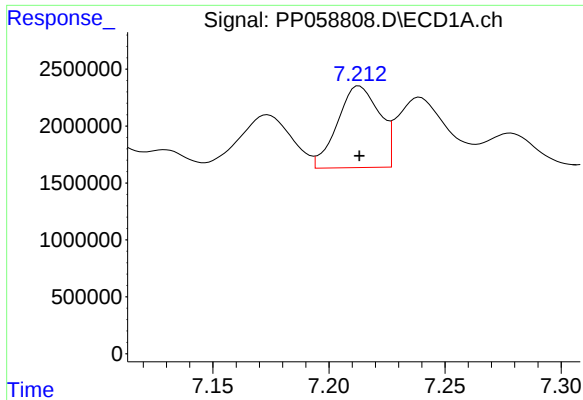
#30 AR-1254-5

R.T.: 7.755 min
Delta R.T.: 0.000 min
Response: 28540937
Conc: 527.17 ng/ml



#30 AR-1254-5

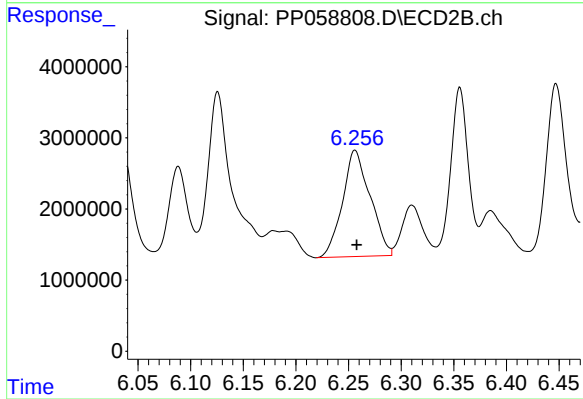
R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 53127878
Conc: 414.77 ng/ml



#31 AR-1260-1

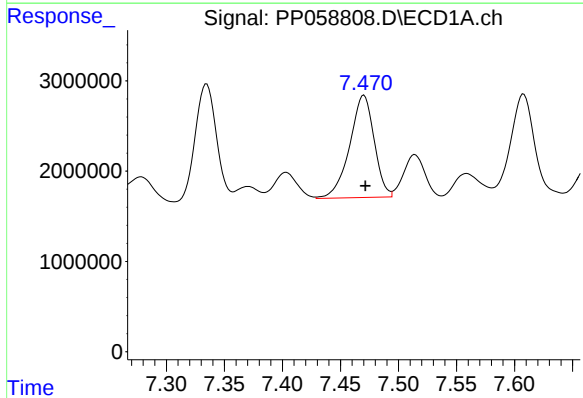
R.T.: 7.213 min
Delta R.T.: 0.000 min
Response: 8995740
Conc: 157.90 ng/ml

Instrument :
ECD_D
ClientSampleId :



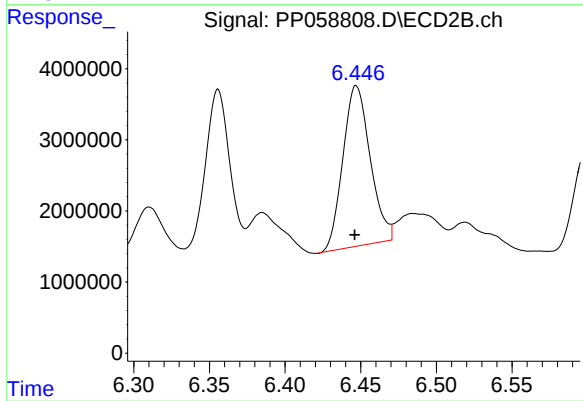
#31 AR-1260-1

R.T.: 6.256 min
Delta R.T.: -0.001 min
Response: 27342359
Conc: 249.25 ng/ml



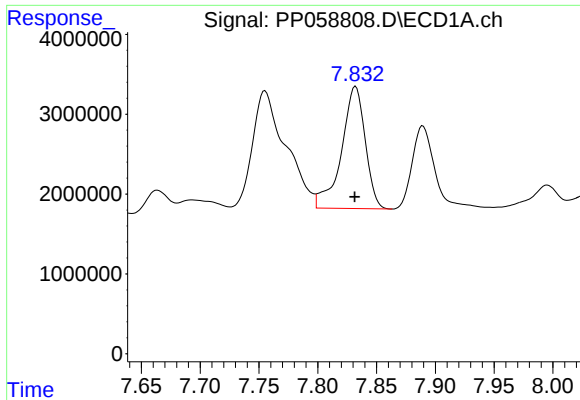
#32 AR-1260-2

R.T.: 7.470 min
Delta R.T.: -0.001 min
Response: 16685322
Conc: 257.73 ng/ml



#32 AR-1260-2

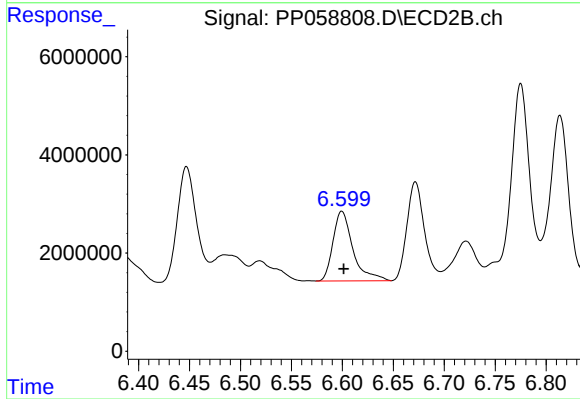
R.T.: 6.447 min
Delta R.T.: 0.001 min
Response: 28314367
Conc: 223.61 ng/ml



#33 AR-1260-3

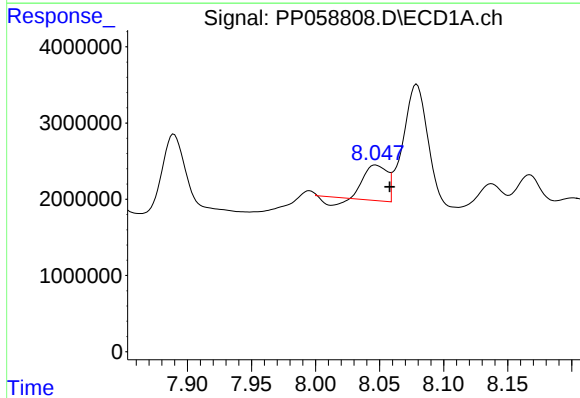
R.T.: 7.832 min
Delta R.T.: 0.000 min
Response: 21566508
Conc: 435.75 ng/ml

Instrument :
ECD_D
ClientSampleId :



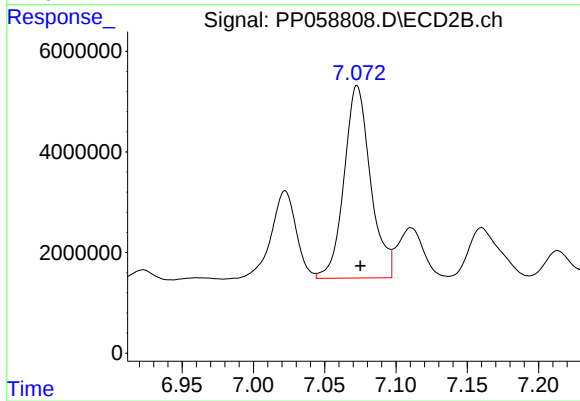
#33 AR-1260-3

R.T.: 6.599 min
Delta R.T.: -0.002 min
Response: 19344271
Conc: 159.54 ng/ml



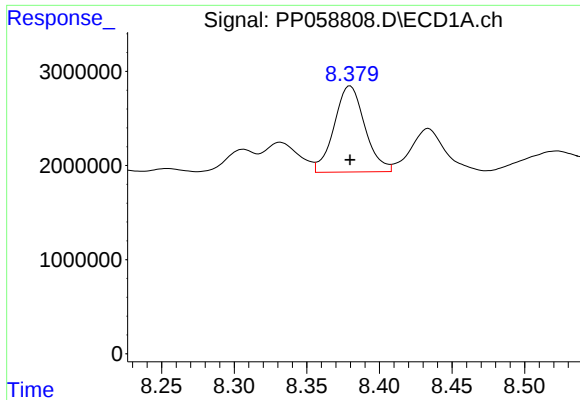
#34 AR-1260-4

R.T.: 8.047 min
Delta R.T.: -0.011 min
Response: 5193957
Conc: 97.80 ng/ml



#34 AR-1260-4

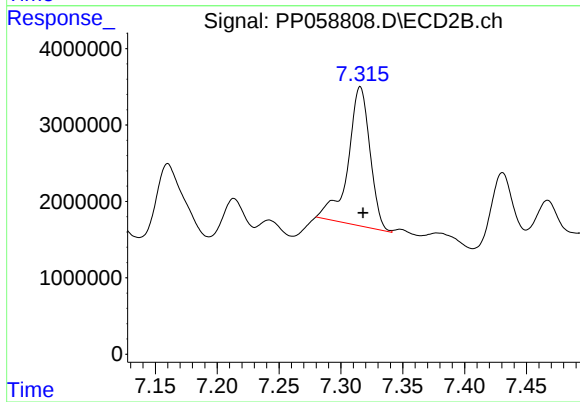
R.T.: 7.073 min
Delta R.T.: -0.002 min
Response: 49428616
Conc: 494.93 ng/ml



#35 AR-1260-5

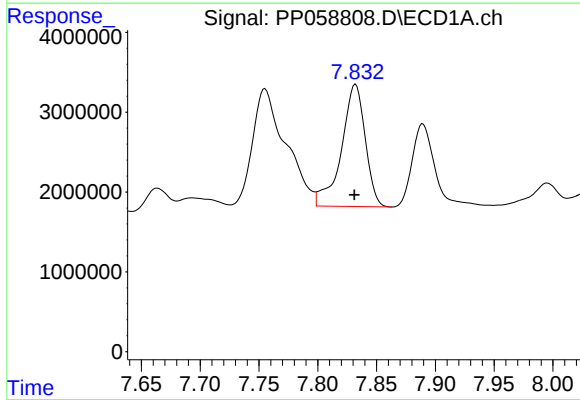
R.T.: 8.380 min
Delta R.T.: 0.000 min
Response: 13477131
Conc: 140.05 ng/ml

Instrument :
ECD_D
ClientSampleId :



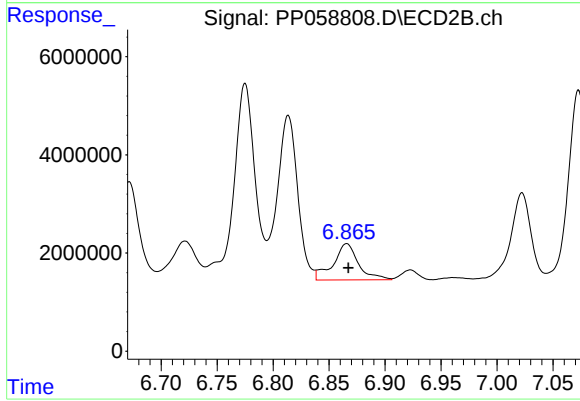
#35 AR-1260-5

R.T.: 7.316 min
Delta R.T.: -0.002 min
Response: 22480914
Conc: 109.42 ng/ml



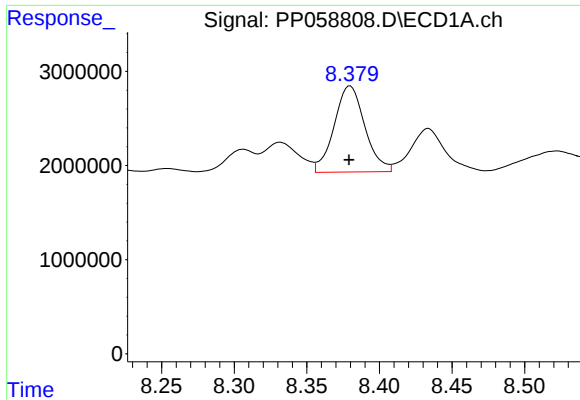
#36 AR-1262-1

R.T.: 7.832 min
Delta R.T.: 0.000 min
Response: 21566508
Conc: 312.06 ng/ml



#36 AR-1262-1

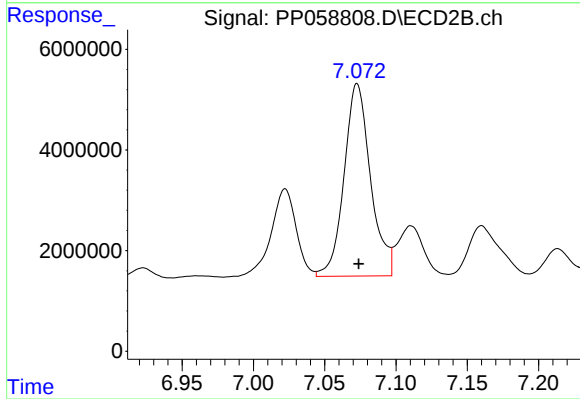
R.T.: 6.866 min
Delta R.T.: -0.001 min
Response: 11562699
Conc: 195.59 ng/ml



#37 AR-1262-2

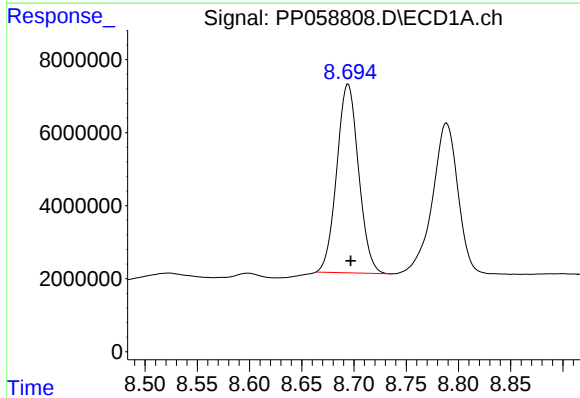
R.T.: 8.380 min
Delta R.T.: 0.000 min
Response: 13477131
Conc: 125.68 ng/ml

Instrument :
ECD_D
ClientSampleId :



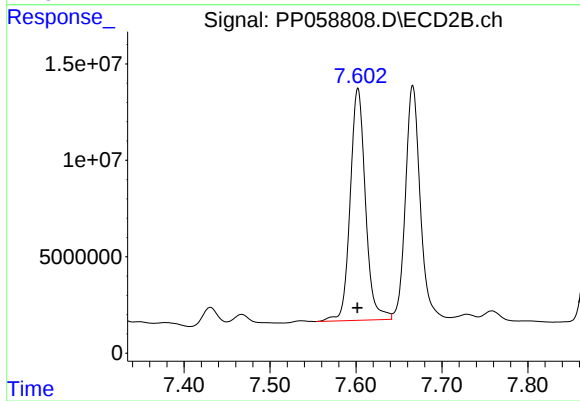
#37 AR-1262-2

R.T.: 7.073 min
Delta R.T.: -0.001 min
Response: 49428616
Conc: 396.23 ng/ml



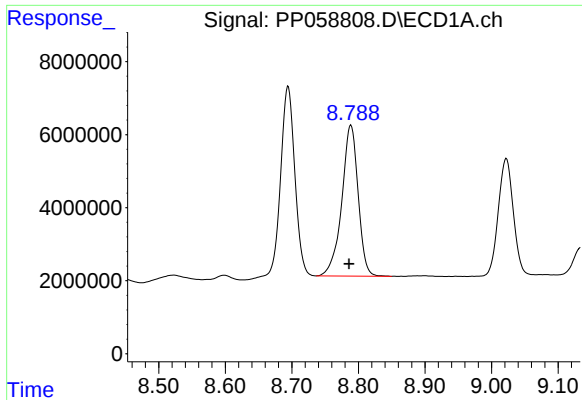
#38 AR-1262-3

R.T.: 8.695 min
Delta R.T.: -0.002 min
Response: 75053558
Conc: 1010.60 ng/ml



#38 AR-1262-3

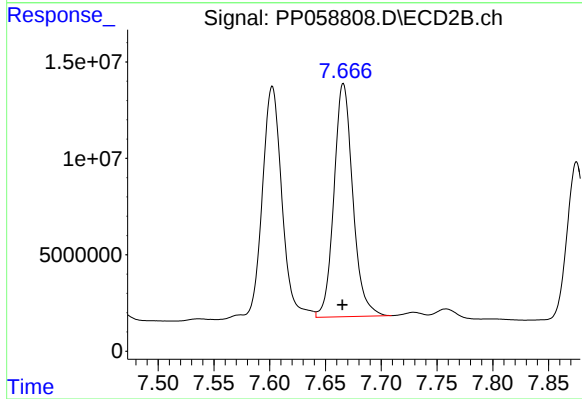
R.T.: 7.602 min
Delta R.T.: 0.000 min
Response: 148767569
Conc: 1570.51 ng/ml



#39 AR-1262-4

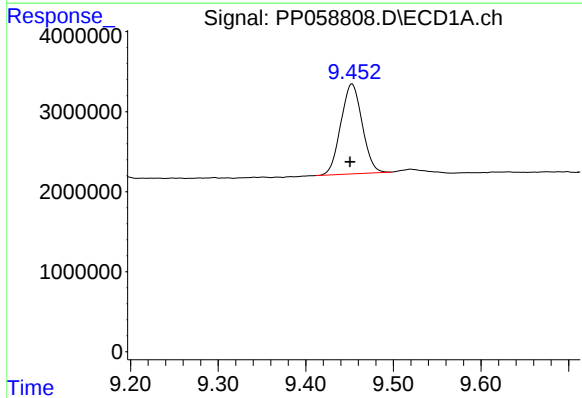
R.T.: 8.789 min
Delta R.T.: 0.003 min
Response: 70484907
Conc: 1211.82 ng/ml

Instrument :
ECD_D
ClientSampleId :



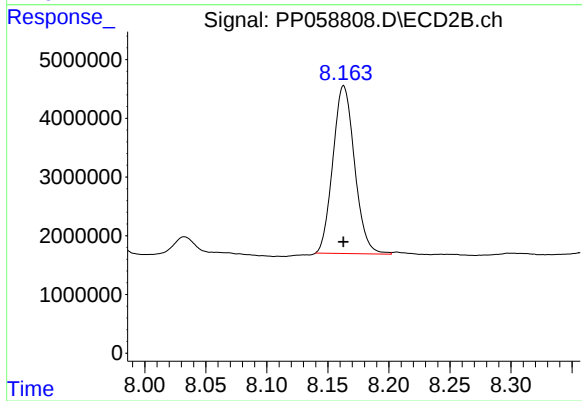
#39 AR-1262-4

R.T.: 7.666 min
Delta R.T.: 0.000 min
Response: 142246903
Conc: 855.55 ng/ml



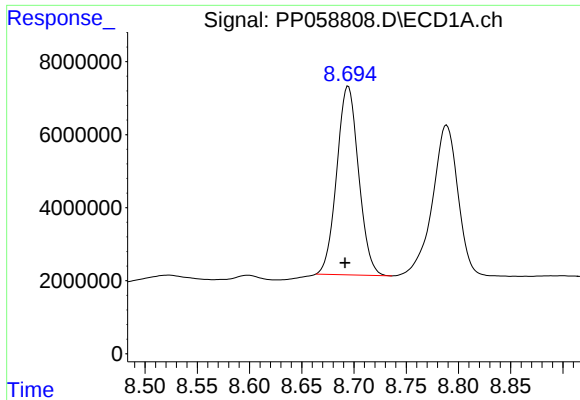
#40 AR-1262-5

R.T.: 9.453 min
Delta R.T.: 0.002 min
Response: 19043940
Conc: 523.64 ng/ml



#40 AR-1262-5

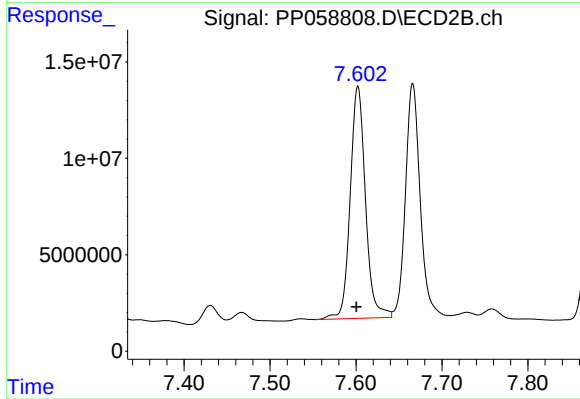
R.T.: 8.163 min
Delta R.T.: 0.000 min
Response: 35398104
Conc: 502.85 ng/ml



#41 AR-1268-1

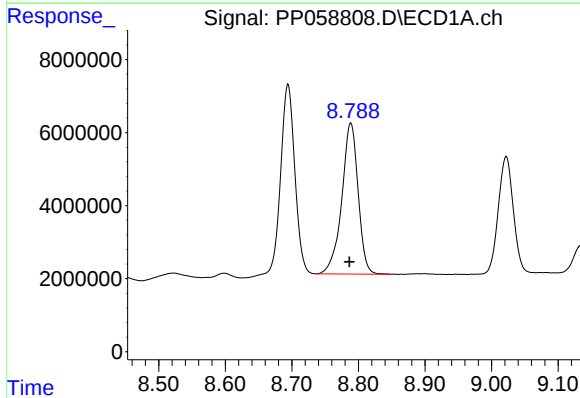
R.T.: 8.695 min
Delta R.T.: 0.003 min
Response: 75053558
Conc: 581.34 ng/ml

Instrument :
ECD_D
ClientSampleId :



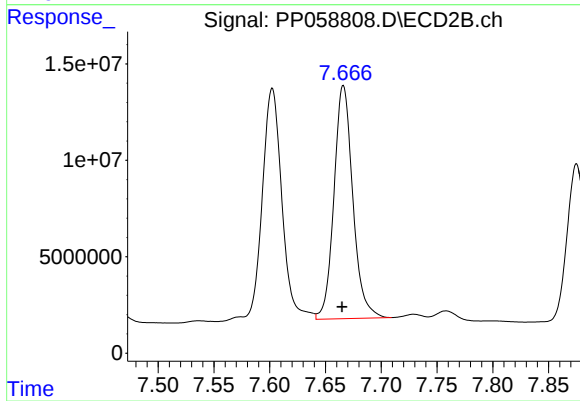
#41 AR-1268-1

R.T.: 7.602 min
Delta R.T.: 0.002 min
Response: 148767569
Conc: 533.72 ng/ml



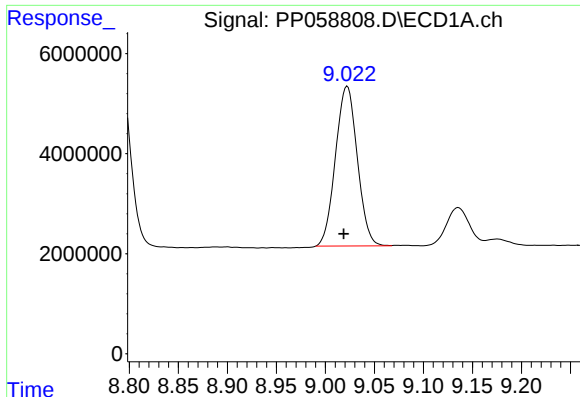
#42 AR-1268-2

R.T.: 8.789 min
Delta R.T.: 0.002 min
Response: 70484907
Conc: 599.82 ng/ml



#42 AR-1268-2

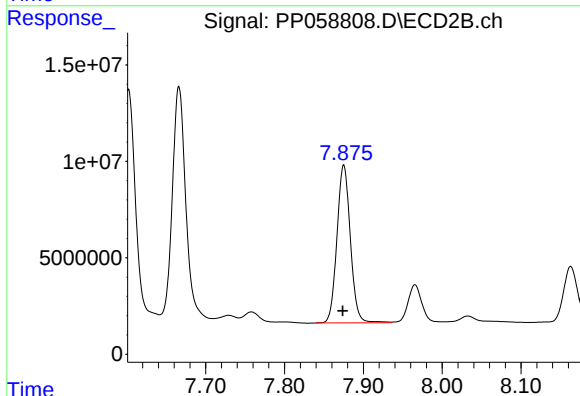
R.T.: 7.666 min
Delta R.T.: 0.001 min
Response: 142246903
Conc: 575.87 ng/ml



#43 AR-1268-3

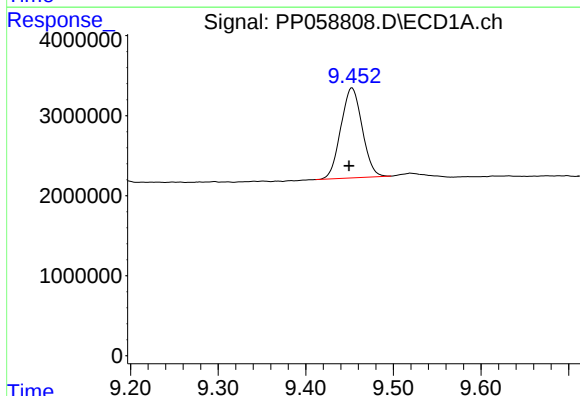
R.T.: 9.022 min
Delta R.T.: 0.004 min
Response: 49543942
Conc: 485.65 ng/ml

Instrument :
ECD_D
ClientSampleId :



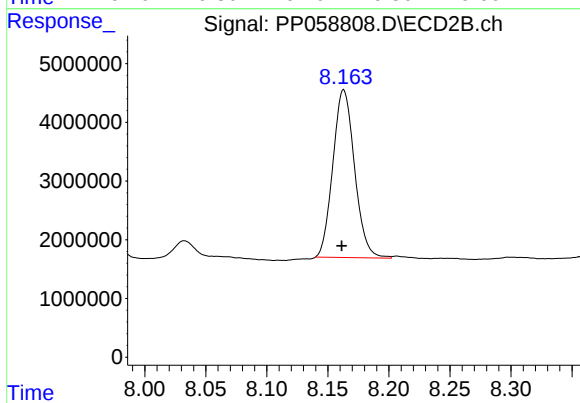
#43 AR-1268-3

R.T.: 7.875 min
Delta R.T.: 0.001 min
Response: 96977751
Conc: 437.04 ng/ml



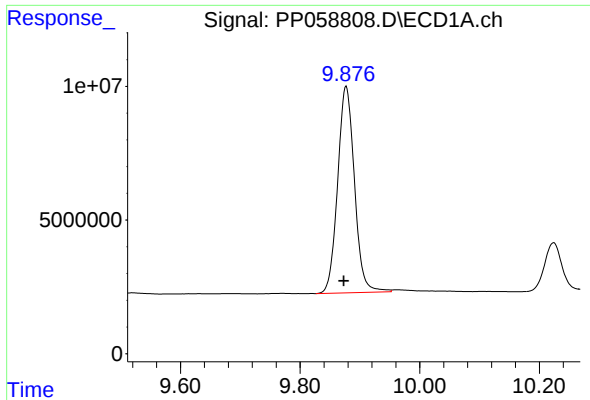
#44 AR-1268-4

R.T.: 9.453 min
Delta R.T.: 0.004 min
Response: 19043940
Conc: 494.46 ng/ml



#44 AR-1268-4

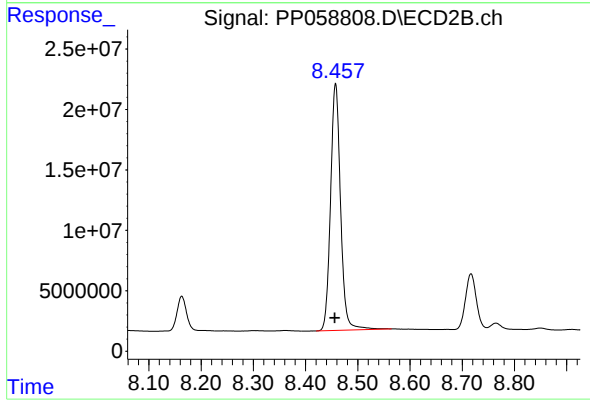
R.T.: 8.163 min
Delta R.T.: 0.002 min
Response: 35398104
Conc: 453.12 ng/ml



#45 AR-1268-5

R.T.: 9.877 min
Delta R.T.: 0.004 min
Response: 150888738
Conc: 457.92 ng/ml

Instrument :
ECD_D
ClientSampleId :



#45 AR-1268-5

R.T.: 8.458 min
Delta R.T.: 0.002 min
Response: 271138711
Conc: 426.05 ng/ml