

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP020723\
 Data File : PP055396.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Feb 2023 09:00
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 07 10:47:06 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...	4.328	3.574	84595176	75836158	48.654	50.517
2)	SA Decachlor...	10.077	8.581	84314534	69763435	48.690	51.655
Target Compounds							
3)	L1 AR-1016-1	5.497	4.655	30598537	24523314	455.267	495.481
4)	L1 AR-1016-2	5.520	4.674	45112219	36203722	470.756	523.031
5)	L1 AR-1016-3	5.582	4.850	27996611	19232364	468.043	517.046
6)	L1 AR-1016-4	5.680	4.892	22525746	16036019	470.089	510.339
7)	L1 AR-1016-5	5.977	5.106	23530106	17467032	464.342	427.229
8)	L2 AR-1221-1	4.532	3.784	3026632	2799101	128.711	141.177
9)	L2 AR-1221-2	4.623	3.871	4566875	3952206	257.042	266.638
10)	L2 AR-1221-3	4.698	3.946	17222137	15210517	320.057	337.154
11)	L3 AR-1232-1	4.698	3.946	17222137	15210517	388.036	412.663
12)	L3 AR-1232-2	5.229	4.674	22642669	36203722	1001.233	1133.402
13)	L3 AR-1232-3	5.520	4.850	45112219	19232364	1027.209	1153.643
14)	L3 AR-1232-4	5.680	4.933	22525746	19852920	1017.689	1231.103
15)	L3 AR-1232-5	5.772	5.106	20512215	17467032	1171.656	988.991
16)	L4 AR-1242-1	5.497	4.655	30598537	24523314	546.512	598.681
17)	L4 AR-1242-2	5.520	4.674	45112219	36203722	565.105	634.029
18)	L4 AR-1242-3	5.582	4.850	27996611	19232364	563.749	623.060
19)	L4 AR-1242-4	5.680	4.933	22525746	19852920	562.065	611.102
20)	L4 AR-1242-5	6.421	5.457	6780972	19800157	152.507	529.817 #
21)	L5 AR-1248-1	5.497	4.655	30598537	24523314	733.712	790.995
22)	L5 AR-1248-2	5.772	4.892	20512215	16036019	322.650	350.687
23)	L5 AR-1248-3	5.977	4.933	23530106	19852920	340.236	416.437
24)	L5 AR-1248-4	6.381	5.106	7951300	17467032	104.851	316.276 #
25)	L5 AR-1248-5	6.421	5.498	6780972	4530188	91.892	92.132
26)	L6 AR-1254-1	6.355	5.457	19879218	19800157	251.979	245.178
27)	L6 AR-1254-2	6.574	5.606	17813149	14602242	147.188	204.048 #
28)	L6 AR-1254-3	6.943	6.026	8106571	27399839	66.181	245.942 #
29)	L6 AR-1254-4	7.229	6.239	4218185	1669098	47.873	27.137 #
30)	L6 AR-1254-5	7.649	6.658	57181293	48414410	565.251	510.679
31)	L7 AR-1260-1	7.108	6.141	43620280	41017456	457.589	528.954
32)	L7 AR-1260-2	7.366	6.329	50875659	47065511	452.042	523.543
33)	L7 AR-1260-3	7.727	6.483	38733488	43855656	481.049	516.492
34)	L7 AR-1260-4	7.952	6.956	43904874	37184564	452.269	519.317
35)	L7 AR-1260-5	8.269	7.199	80895551	78267697	454.851	509.103
36)	L8 AR-1262-1	7.727	6.749	38733488	20158950	328.299	469.233 #
37)	L8 AR-1262-2	8.269	6.956	80895551	37184564	401.639	401.461
38)	L8 AR-1262-3	8.591	7.483	50683445	18708674	364.442	256.776 #
39)	L8 AR-1262-4	8.668	7.546	13900938	59584249	180.810	455.609 #
40)	L8 AR-1262-5	9.325	8.043	20005096	13396484	279.714	225.804
41)	L9 AR-1268-1	8.591	7.483	50683445	18708674	207.373	86.524 #

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 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

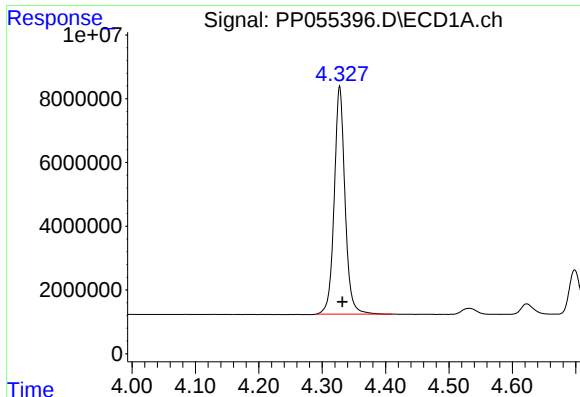
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 07 10:47:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.M
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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	8.668	7.546	13900938	59584249	61.204	305.351 #
43) L9	AR-1268-3	8.902	7.754	1379268	792854	6.904	4.616 #
44) L9	AR-1268-4	9.325	8.043	20005096	13396484	254.692	210.034
45) L9	AR-1268-5	9.741	8.331	6604507	5534245	10.383	10.509

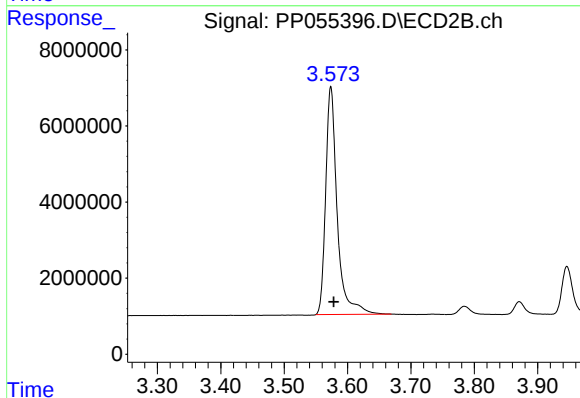
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

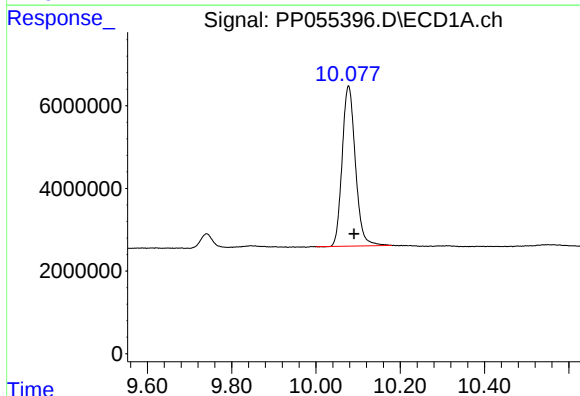
R.T.: 4.328 min
Delta R.T.: -0.004 min
Response: 84595176
Conc: 48.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



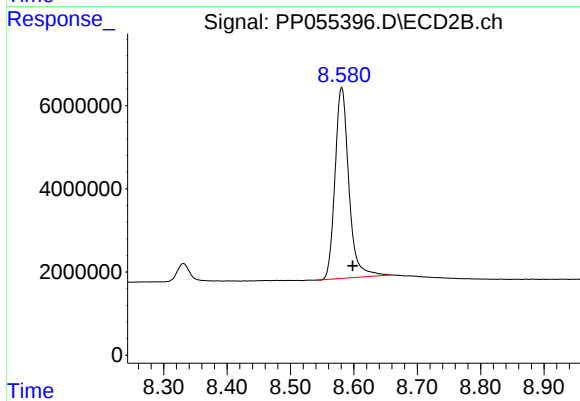
#1 Tetrachloro-m-xylene

R.T.: 3.574 min
Delta R.T.: -0.005 min
Response: 75836158
Conc: 50.52 ng/ml



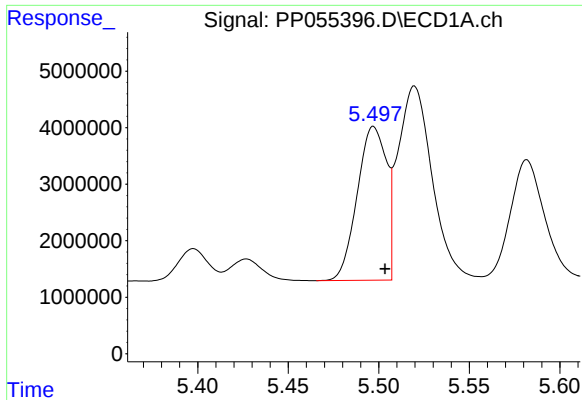
#2 Decachlorobiphenyl

R.T.: 10.077 min
Delta R.T.: -0.014 min
Response: 84314534
Conc: 48.69 ng/ml



#2 Decachlorobiphenyl

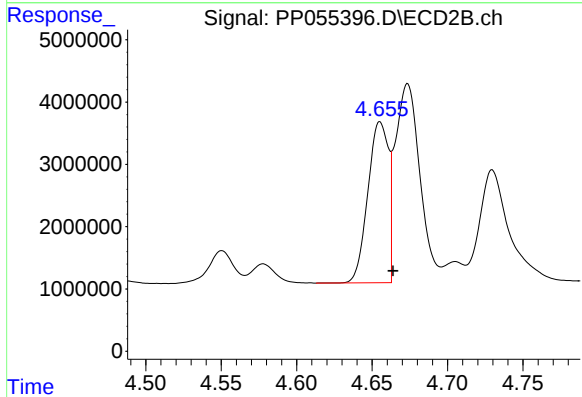
R.T.: 8.581 min
Delta R.T.: -0.017 min
Response: 69763435
Conc: 51.66 ng/ml



#3 AR-1016-1

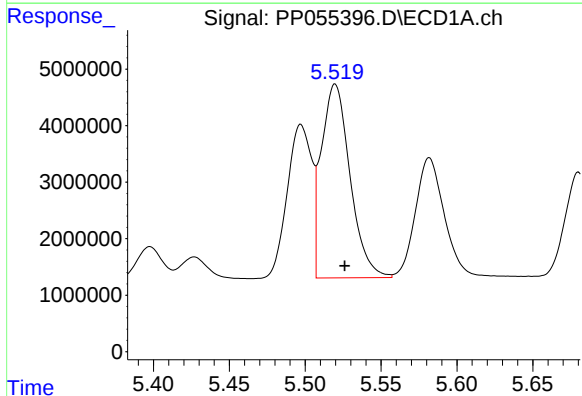
R.T.: 5.497 min
Delta R.T.: -0.006 min
Response: 30598537
Conc: 455.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



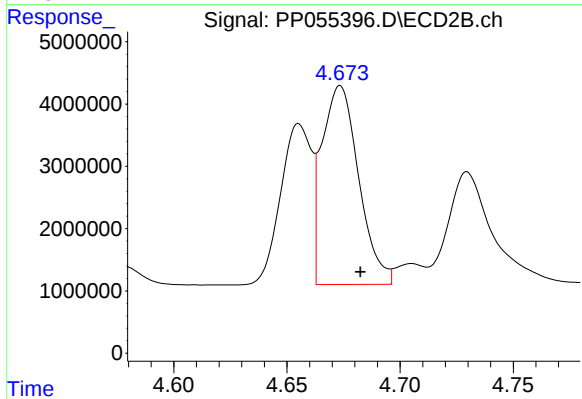
#3 AR-1016-1

R.T.: 4.655 min
Delta R.T.: -0.008 min
Response: 24523314
Conc: 495.48 ng/ml



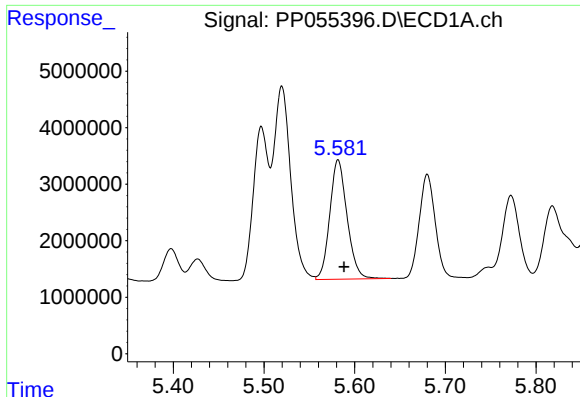
#4 AR-1016-2

R.T.: 5.520 min
Delta R.T.: -0.006 min
Response: 45112219
Conc: 470.76 ng/ml



#4 AR-1016-2

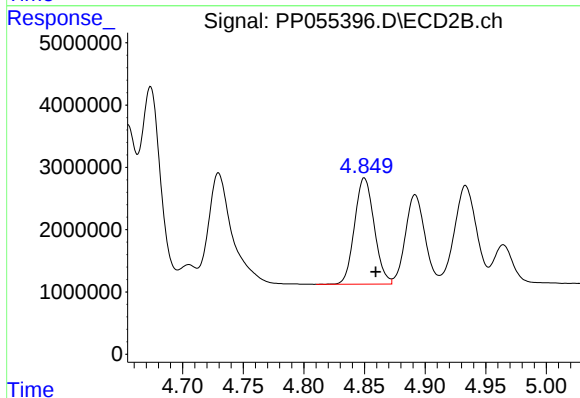
R.T.: 4.674 min
Delta R.T.: -0.009 min
Response: 36203722
Conc: 523.03 ng/ml



#5 AR-1016-3

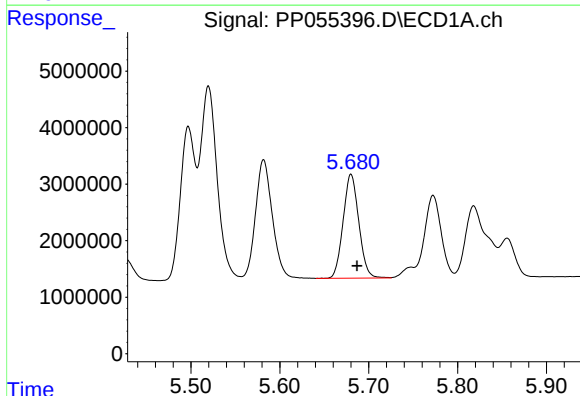
R.T.: 5.582 min
Delta R.T.: -0.006 min
Response: 27996611
Conc: 468.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



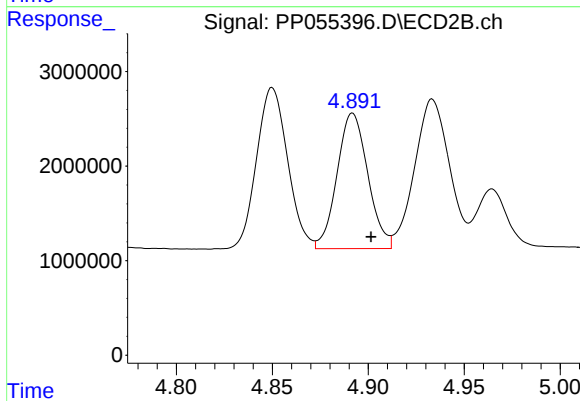
#5 AR-1016-3

R.T.: 4.850 min
Delta R.T.: -0.009 min
Response: 19232364
Conc: 517.05 ng/ml



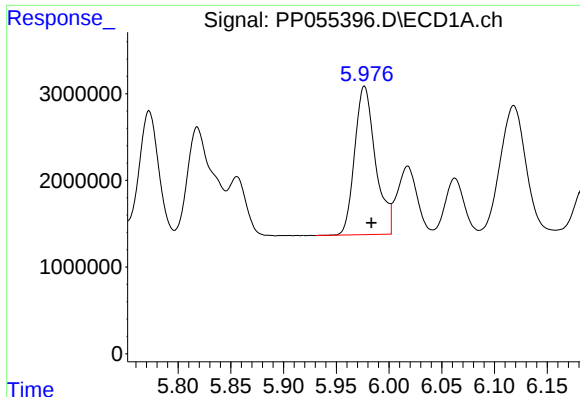
#6 AR-1016-4

R.T.: 5.680 min
Delta R.T.: -0.007 min
Response: 22525746
Conc: 470.09 ng/ml



#6 AR-1016-4

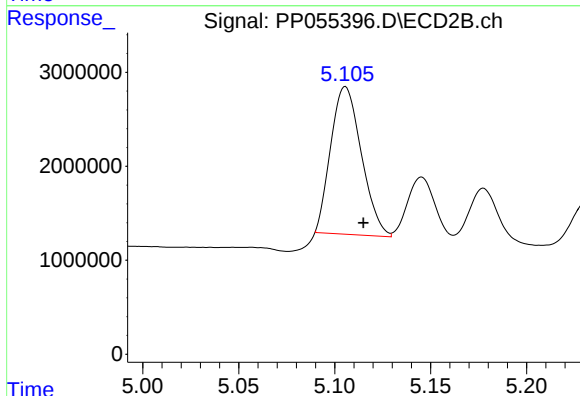
R.T.: 4.892 min
Delta R.T.: -0.010 min
Response: 16036019
Conc: 510.34 ng/ml



#7 AR-1016-5

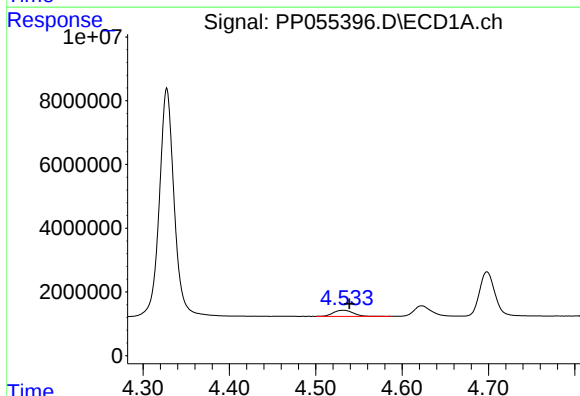
R.T.: 5.977 min
Delta R.T.: -0.007 min
Response: 23530106
Conc: 464.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



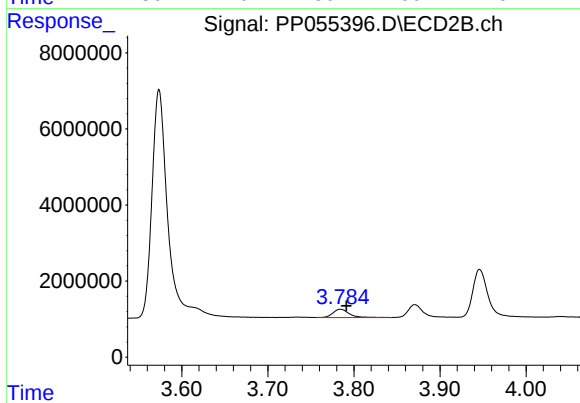
#7 AR-1016-5

R.T.: 5.106 min
Delta R.T.: -0.009 min
Response: 17467032
Conc: 427.23 ng/ml



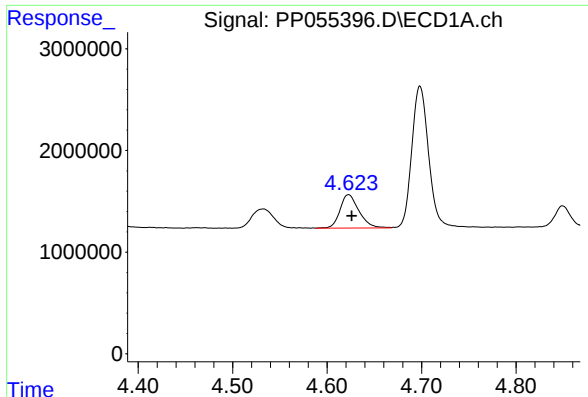
#8 AR-1221-1

R.T.: 4.532 min
Delta R.T.: -0.007 min
Response: 3026632
Conc: 128.71 ng/ml



#8 AR-1221-1

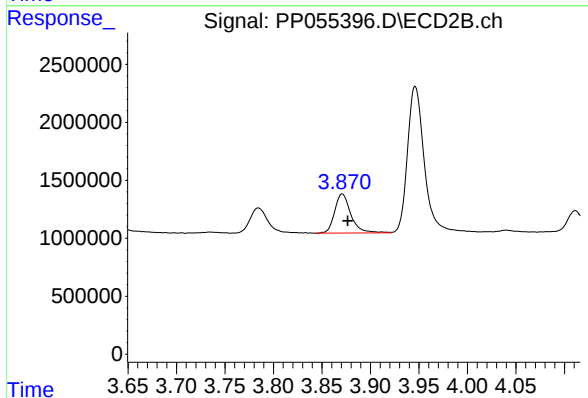
R.T.: 3.784 min
Delta R.T.: -0.007 min
Response: 2799101
Conc: 141.18 ng/ml



#9 AR-1221-2

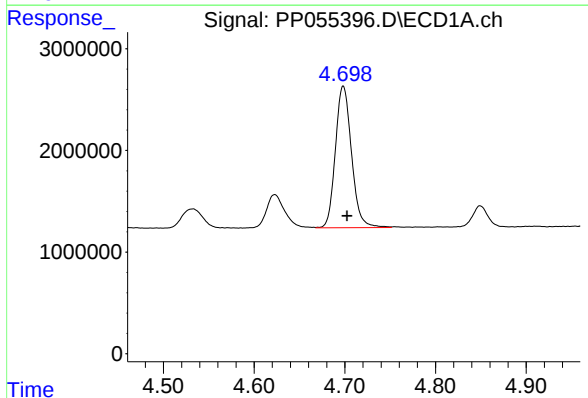
R.T.: 4.623 min
Delta R.T.: -0.003 min
Response: 4566875
Conc: 257.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



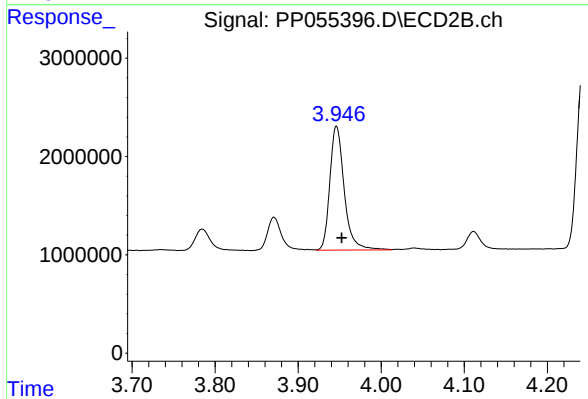
#9 AR-1221-2

R.T.: 3.871 min
Delta R.T.: -0.006 min
Response: 3952206
Conc: 266.64 ng/ml



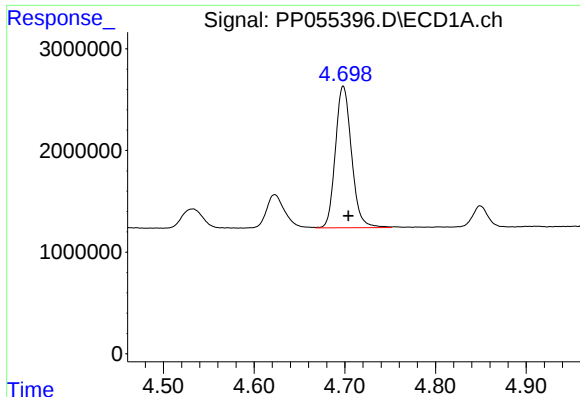
#10 AR-1221-3

R.T.: 4.698 min
Delta R.T.: -0.004 min
Response: 17222137
Conc: 320.06 ng/ml



#10 AR-1221-3

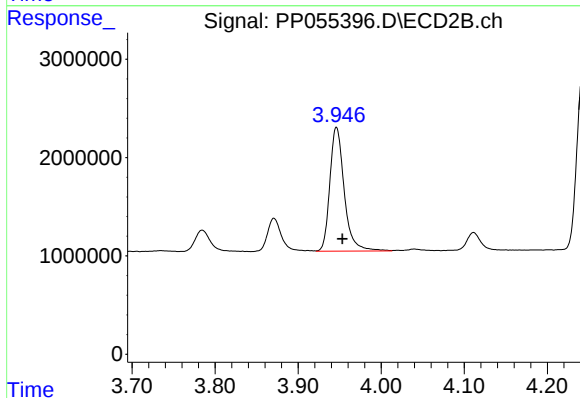
R.T.: 3.946 min
Delta R.T.: -0.006 min
Response: 15210517
Conc: 337.15 ng/ml



#11 AR-1232-1

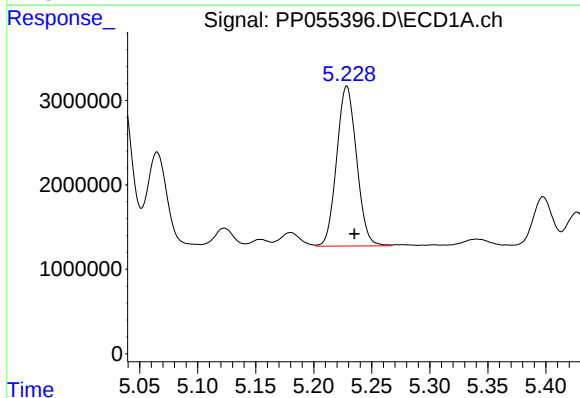
R.T.: 4.698 min
Delta R.T.: -0.006 min
Response: 17222137
Conc: 388.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



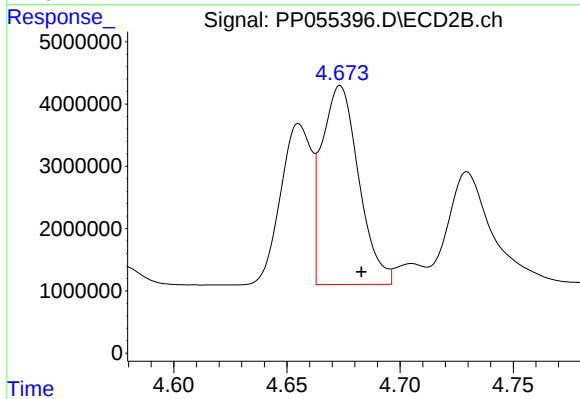
#11 AR-1232-1

R.T.: 3.946 min
Delta R.T.: -0.007 min
Response: 15210517
Conc: 412.66 ng/ml



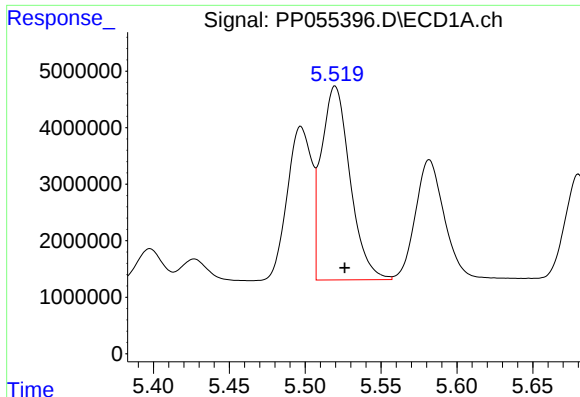
#12 AR-1232-2

R.T.: 5.229 min
Delta R.T.: -0.006 min
Response: 22642669
Conc: 1001.23 ng/ml



#12 AR-1232-2

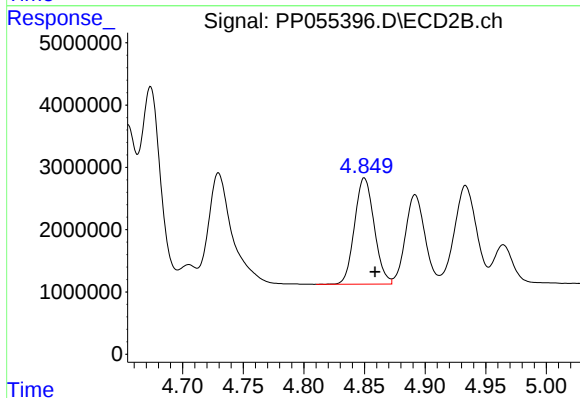
R.T.: 4.674 min
Delta R.T.: -0.009 min
Response: 36203722
Conc: 1133.40 ng/ml



#13 AR-1232-3

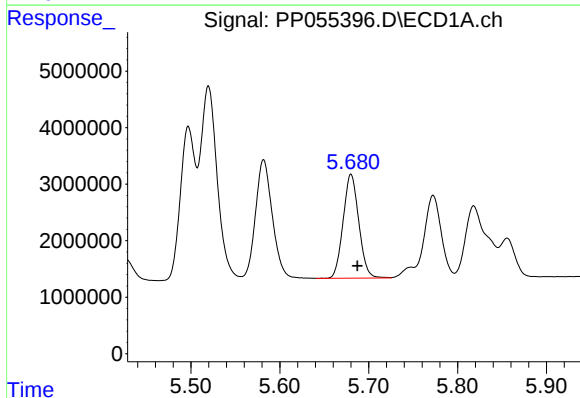
R.T.: 5.520 min
Delta R.T.: -0.006 min
Response: 45112219
Conc: 1027.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



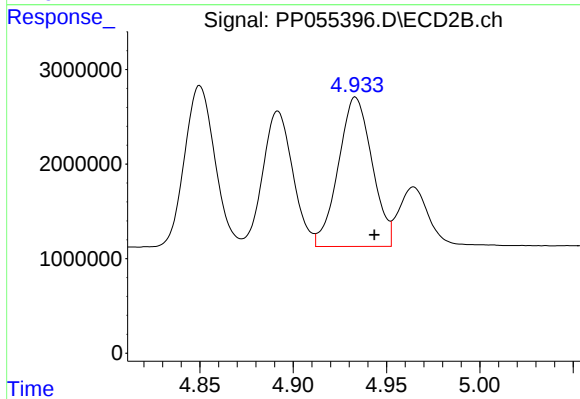
#13 AR-1232-3

R.T.: 4.850 min
Delta R.T.: -0.009 min
Response: 19232364
Conc: 1153.64 ng/ml



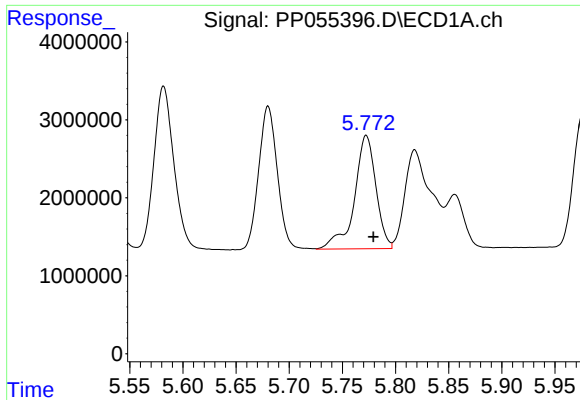
#14 AR-1232-4

R.T.: 5.680 min
Delta R.T.: -0.007 min
Response: 22525746
Conc: 1017.69 ng/ml



#14 AR-1232-4

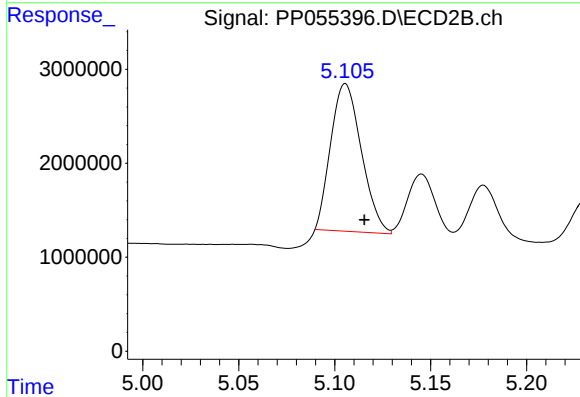
R.T.: 4.933 min
Delta R.T.: -0.010 min
Response: 19852920
Conc: 1231.10 ng/ml



#15 AR-1232-5

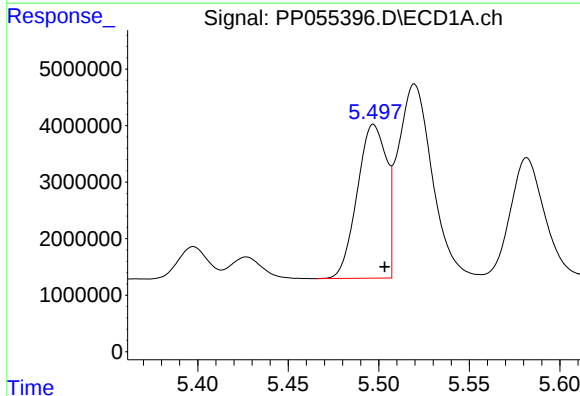
R.T.: 5.772 min
Delta R.T.: -0.007 min
Response: 20512215
Conc: 1171.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



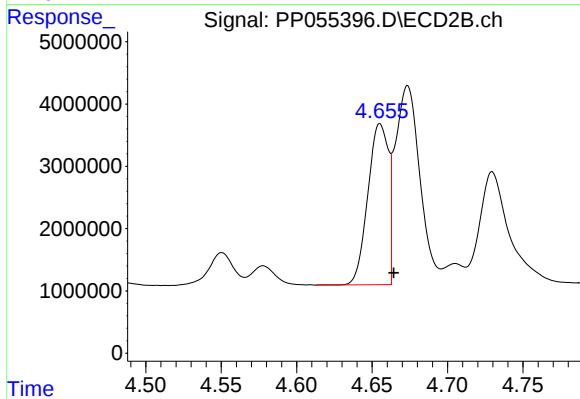
#15 AR-1232-5

R.T.: 5.106 min
Delta R.T.: -0.010 min
Response: 17467032
Conc: 988.99 ng/ml



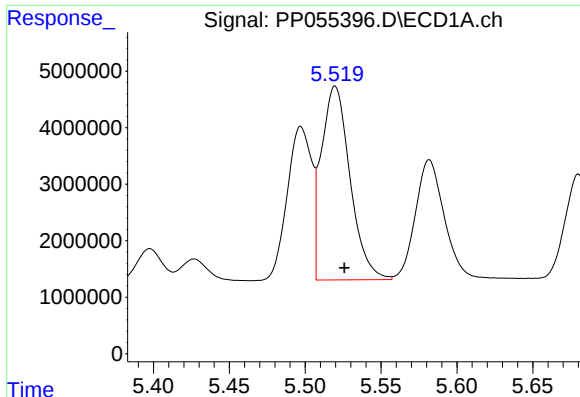
#16 AR-1242-1

R.T.: 5.497 min
Delta R.T.: -0.006 min
Response: 30598537
Conc: 546.51 ng/ml



#16 AR-1242-1

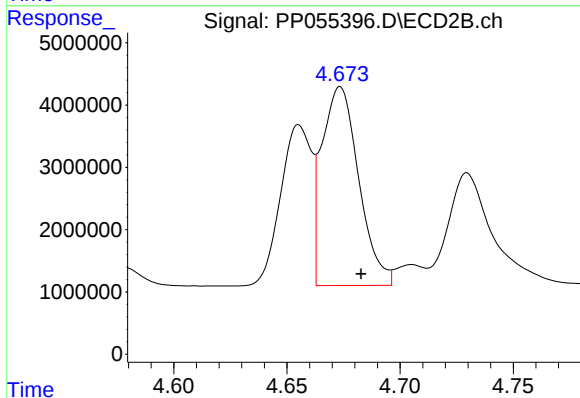
R.T.: 4.655 min
Delta R.T.: -0.009 min
Response: 24523314
Conc: 598.68 ng/ml



#17 AR-1242-2

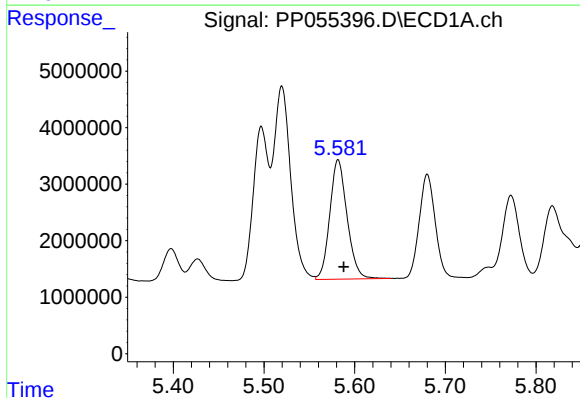
R.T.: 5.520 min
Delta R.T.: -0.006 min
Response: 45112219
Conc: 565.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



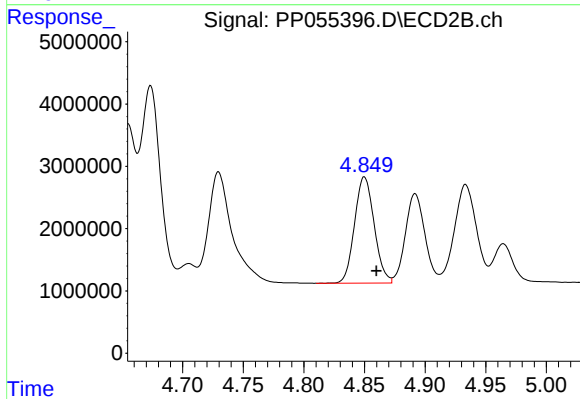
#17 AR-1242-2

R.T.: 4.674 min
Delta R.T.: -0.009 min
Response: 36203722
Conc: 634.03 ng/ml



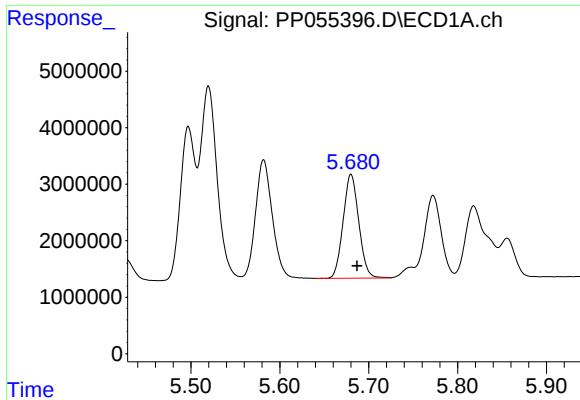
#18 AR-1242-3

R.T.: 5.582 min
Delta R.T.: -0.006 min
Response: 27996611
Conc: 563.75 ng/ml



#18 AR-1242-3

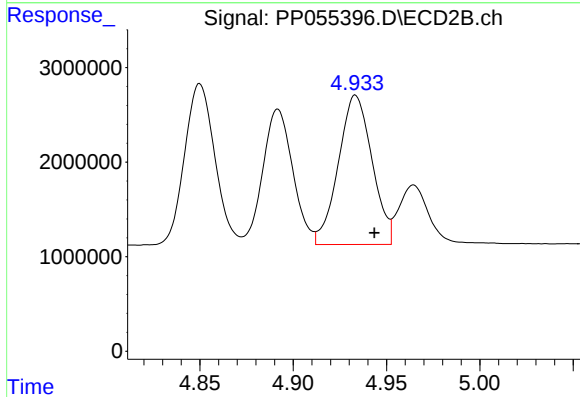
R.T.: 4.850 min
Delta R.T.: -0.010 min
Response: 19232364
Conc: 623.06 ng/ml



#19 AR-1242-4

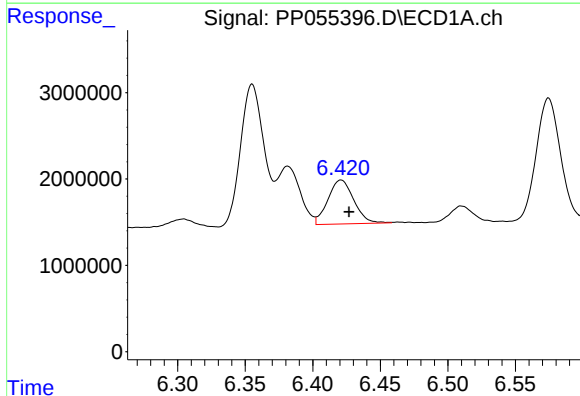
R.T.: 5.680 min
Delta R.T.: -0.007 min
Response: 22525746
Conc: 562.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



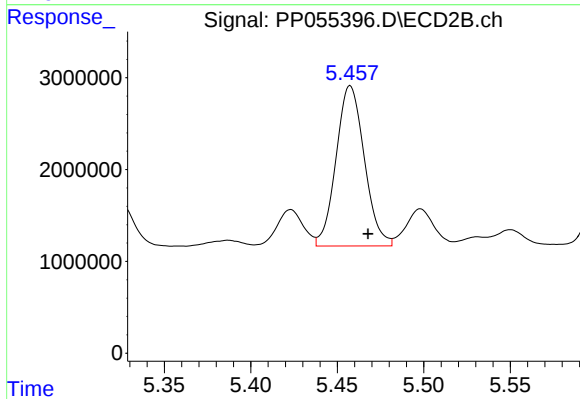
#19 AR-1242-4

R.T.: 4.933 min
Delta R.T.: -0.010 min
Response: 19852920
Conc: 611.10 ng/ml



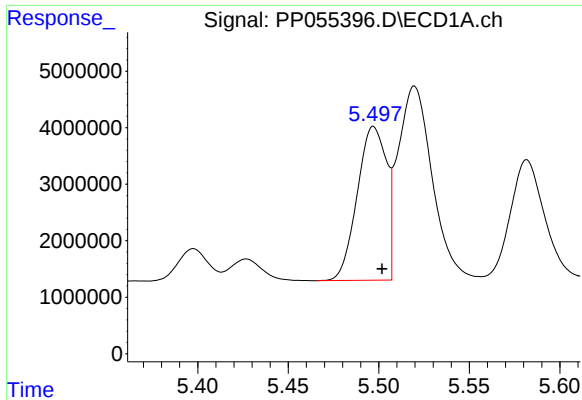
#20 AR-1242-5

R.T.: 6.421 min
Delta R.T.: -0.006 min
Response: 6780972
Conc: 152.51 ng/ml



#20 AR-1242-5

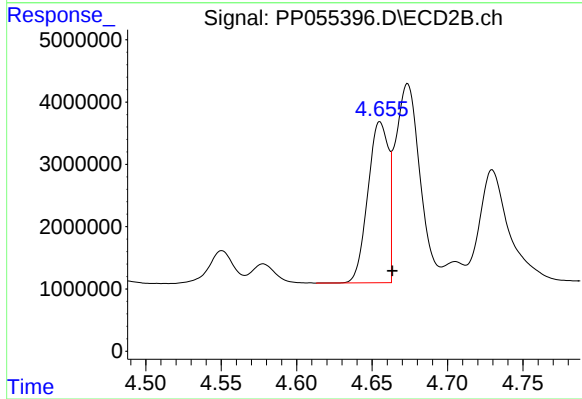
R.T.: 5.457 min
Delta R.T.: -0.010 min
Response: 19800157
Conc: 529.82 ng/ml



#21 AR-1248-1

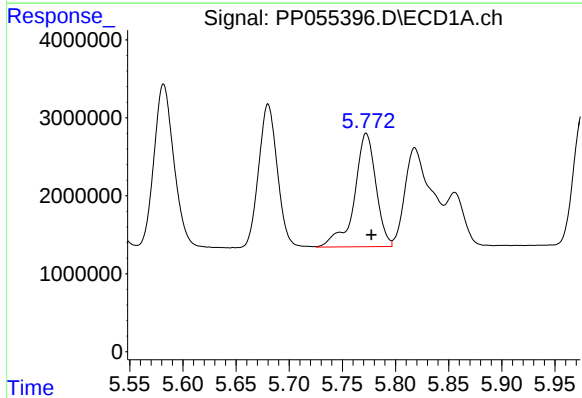
R.T.: 5.497 min
Delta R.T.: -0.005 min
Response: 30598537
Conc: 733.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



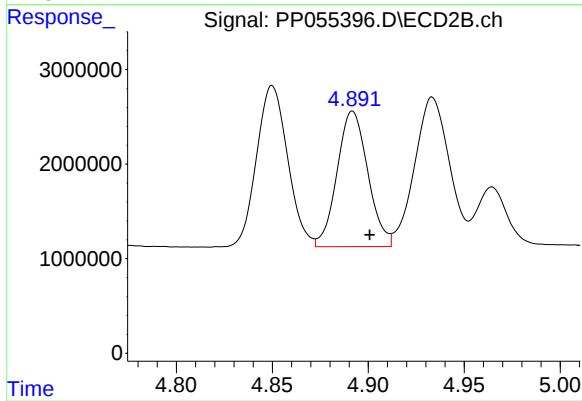
#21 AR-1248-1

R.T.: 4.655 min
Delta R.T.: -0.008 min
Response: 24523314
Conc: 790.99 ng/ml



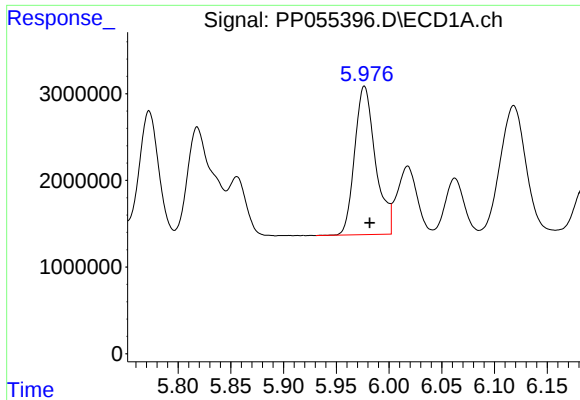
#22 AR-1248-2

R.T.: 5.772 min
Delta R.T.: -0.005 min
Response: 20512215
Conc: 322.65 ng/ml



#22 AR-1248-2

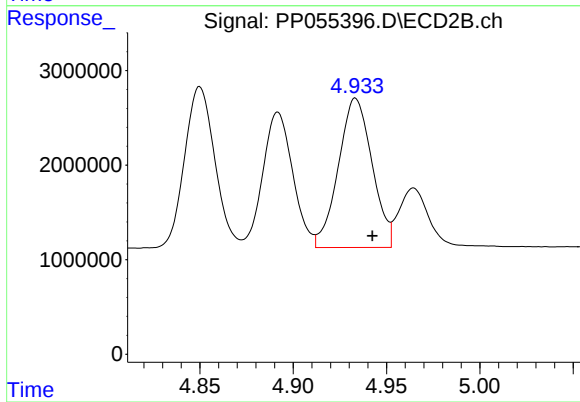
R.T.: 4.892 min
Delta R.T.: -0.009 min
Response: 16036019
Conc: 350.69 ng/ml



#23 AR-1248-3

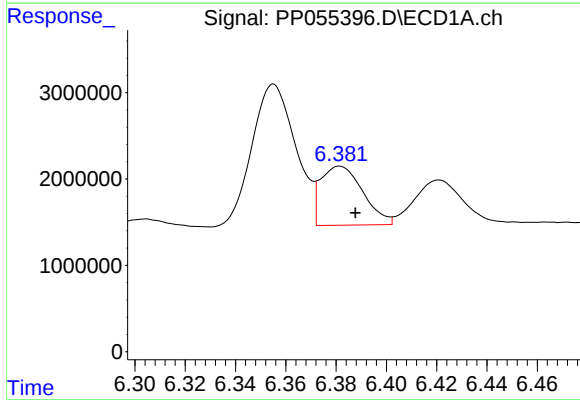
R.T.: 5.977 min
Delta R.T.: -0.005 min
Response: 23530106
Conc: 340.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



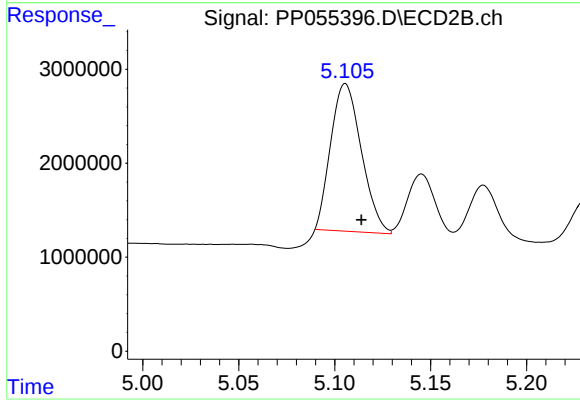
#23 AR-1248-3

R.T.: 4.933 min
Delta R.T.: -0.009 min
Response: 19852920
Conc: 416.44 ng/ml



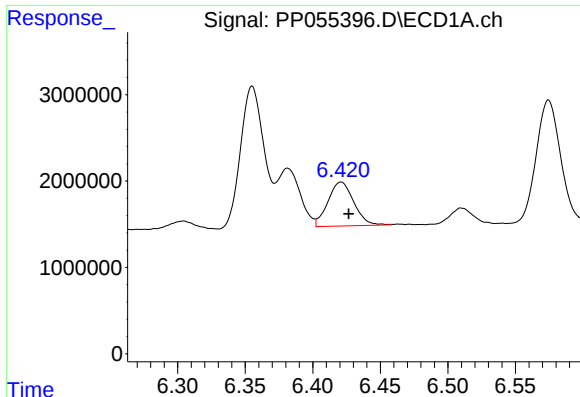
#24 AR-1248-4

R.T.: 6.381 min
Delta R.T.: -0.006 min
Response: 7951300
Conc: 104.85 ng/ml



#24 AR-1248-4

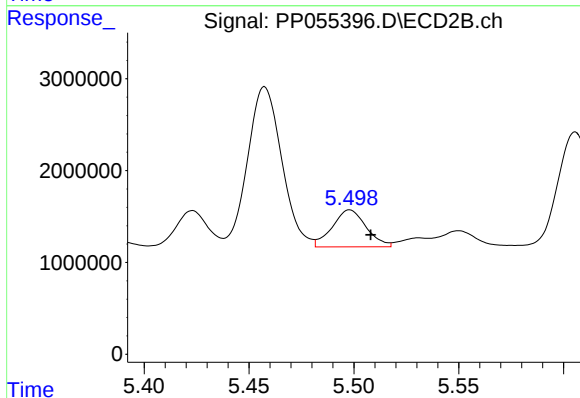
R.T.: 5.106 min
Delta R.T.: -0.008 min
Response: 17467032
Conc: 316.28 ng/ml



#25 AR-1248-5

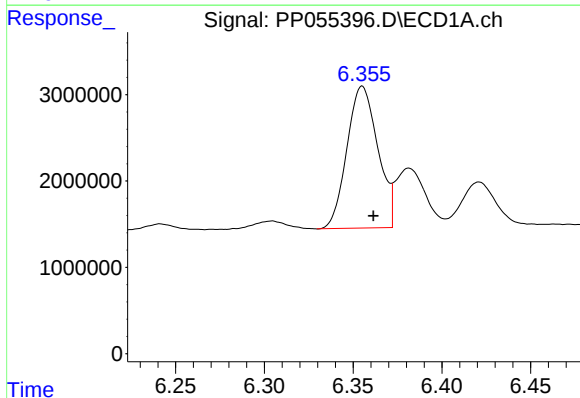
R.T.: 6.421 min
Delta R.T.: -0.006 min
Response: 6780972
Conc: 91.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



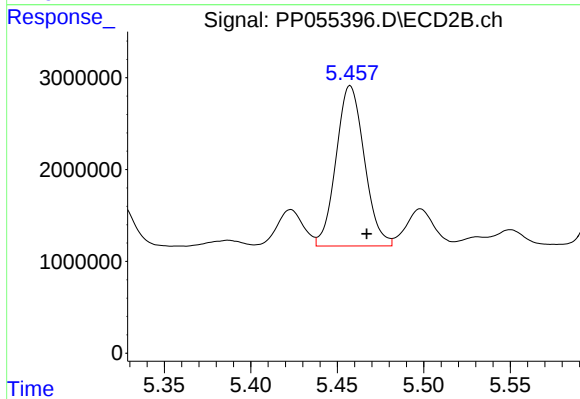
#25 AR-1248-5

R.T.: 5.498 min
Delta R.T.: -0.010 min
Response: 4530188
Conc: 92.13 ng/ml



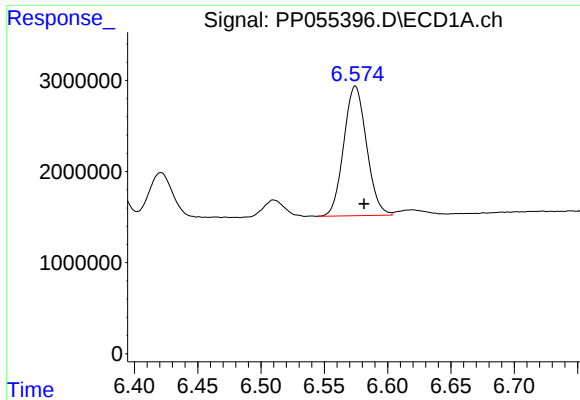
#26 AR-1254-1

R.T.: 6.355 min
Delta R.T.: -0.006 min
Response: 19879218
Conc: 251.98 ng/ml



#26 AR-1254-1

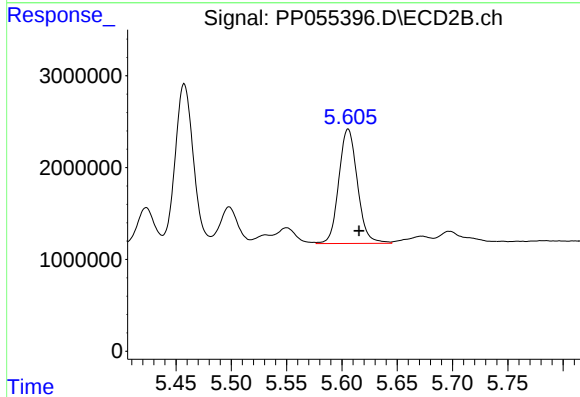
R.T.: 5.457 min
Delta R.T.: -0.010 min
Response: 19800157
Conc: 245.18 ng/ml



#27 AR-1254-2

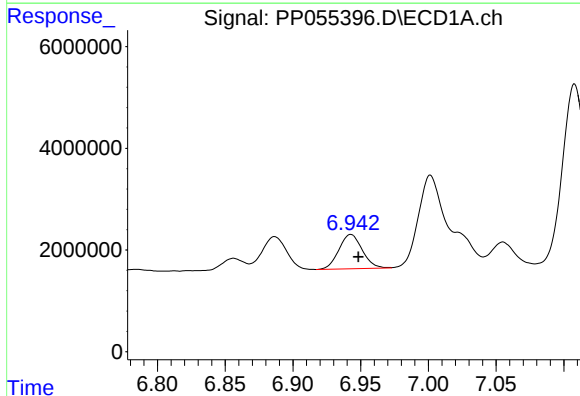
R.T.: 6.574 min
Delta R.T.: -0.007 min
Response: 17813149
Conc: 147.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



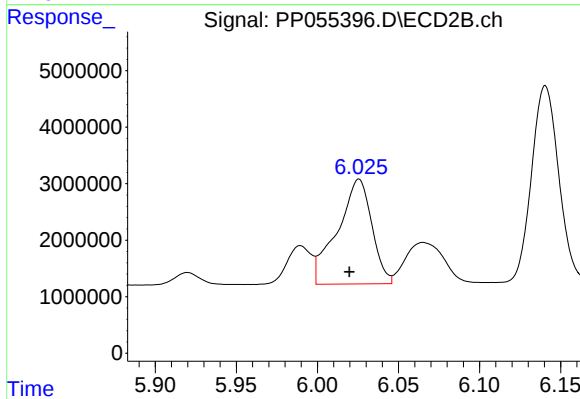
#27 AR-1254-2

R.T.: 5.606 min
Delta R.T.: -0.010 min
Response: 14602242
Conc: 204.05 ng/ml



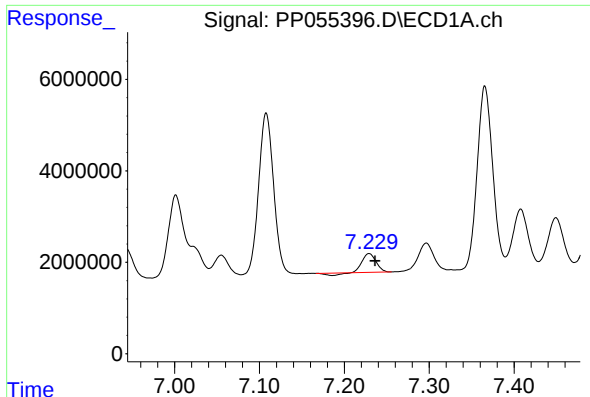
#28 AR-1254-3

R.T.: 6.943 min
Delta R.T.: -0.006 min
Response: 8106571
Conc: 66.18 ng/ml



#28 AR-1254-3

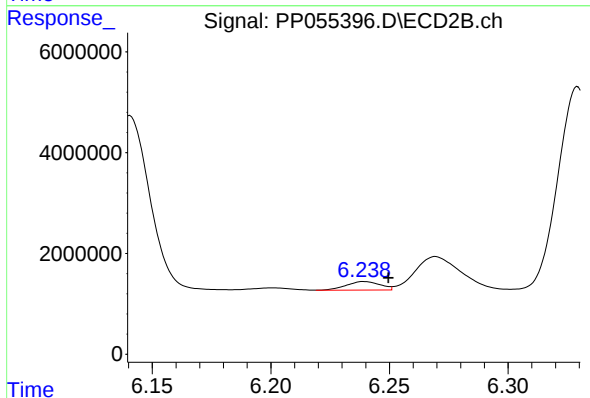
R.T.: 6.026 min
Delta R.T.: 0.006 min
Response: 27399839
Conc: 245.94 ng/ml



#29 AR-1254-4

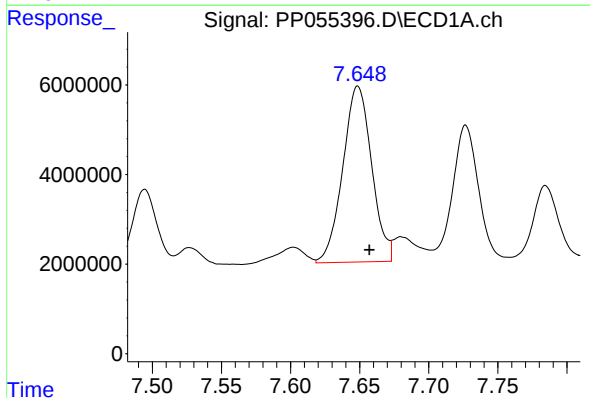
R.T.: 7.229 min
Delta R.T.: -0.007 min
Response: 4218185
Conc: 47.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



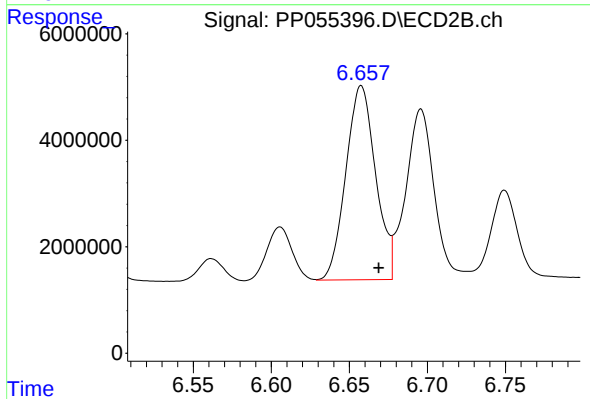
#29 AR-1254-4

R.T.: 6.239 min
Delta R.T.: -0.010 min
Response: 1669098
Conc: 27.14 ng/ml



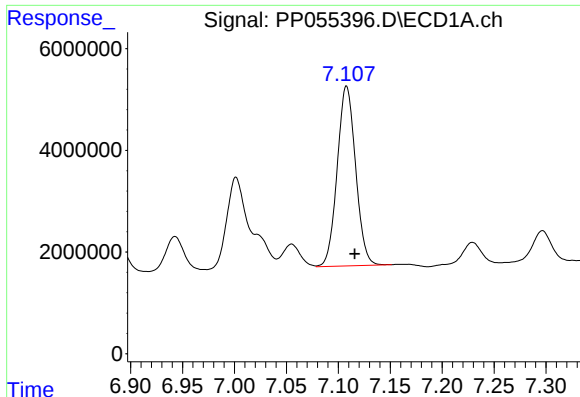
#30 AR-1254-5

R.T.: 7.649 min
Delta R.T.: -0.009 min
Response: 57181293
Conc: 565.25 ng/ml



#30 AR-1254-5

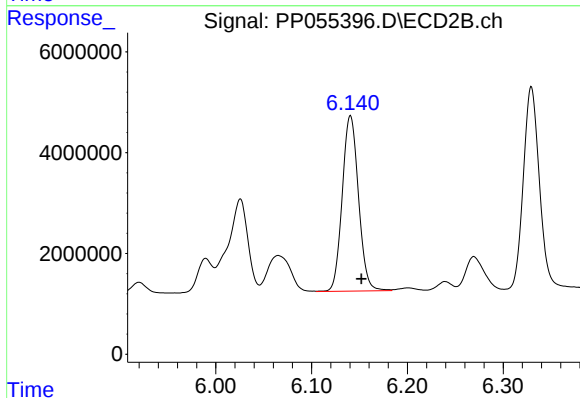
R.T.: 6.658 min
Delta R.T.: -0.011 min
Response: 48414410
Conc: 510.68 ng/ml



#31 AR-1260-1

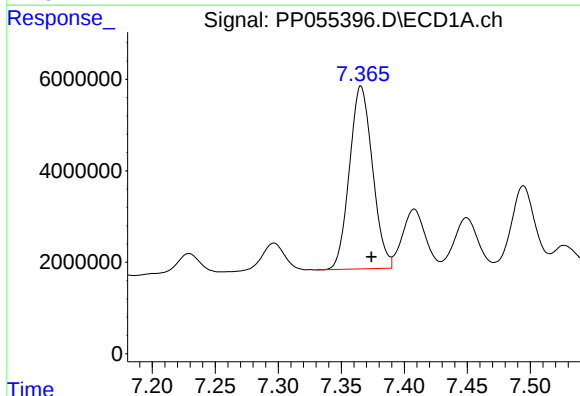
R.T.: 7.108 min
Delta R.T.: -0.008 min
Response: 43620280
Conc: 457.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



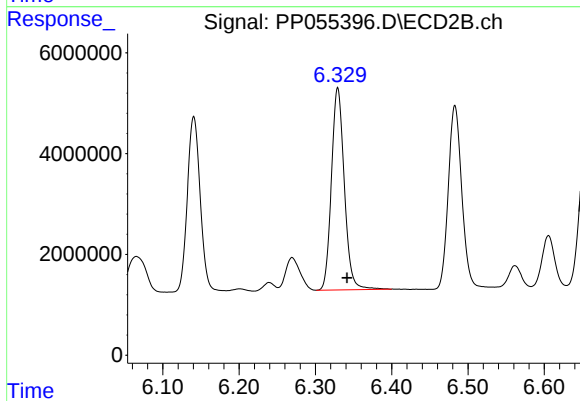
#31 AR-1260-1

R.T.: 6.141 min
Delta R.T.: -0.011 min
Response: 41017456
Conc: 528.95 ng/ml



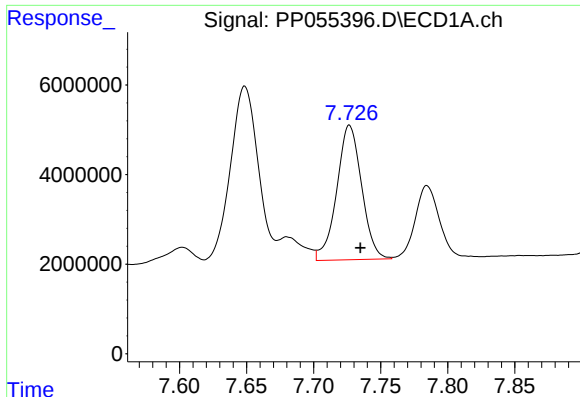
#32 AR-1260-2

R.T.: 7.366 min
Delta R.T.: -0.008 min
Response: 50875659
Conc: 452.04 ng/ml



#32 AR-1260-2

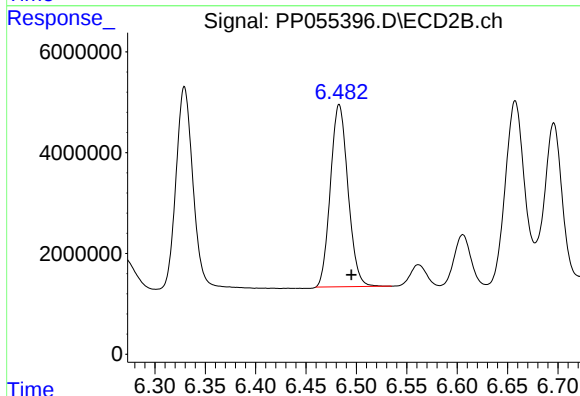
R.T.: 6.329 min
Delta R.T.: -0.012 min
Response: 47065511
Conc: 523.54 ng/ml



#33 AR-1260-3

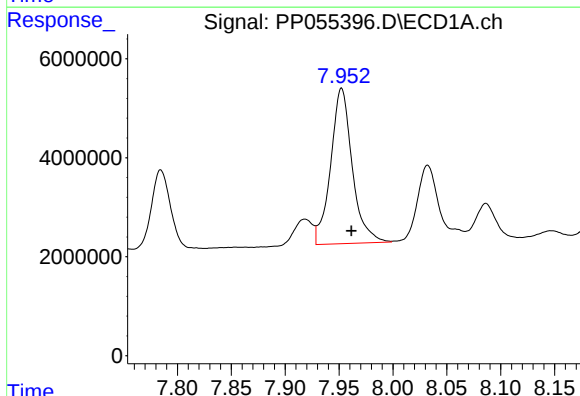
R.T.: 7.727 min
Delta R.T.: -0.008 min
Response: 38733488
Conc: 481.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



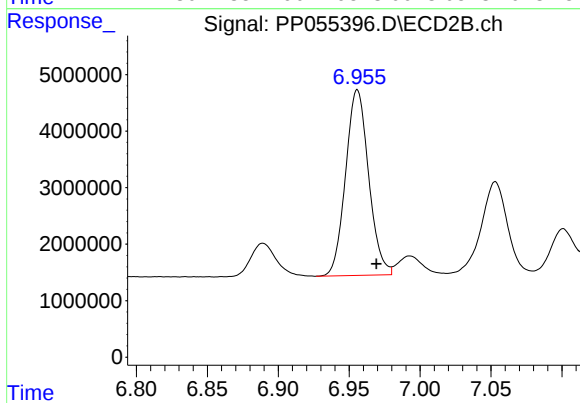
#33 AR-1260-3

R.T.: 6.483 min
Delta R.T.: -0.012 min
Response: 43855656
Conc: 516.49 ng/ml



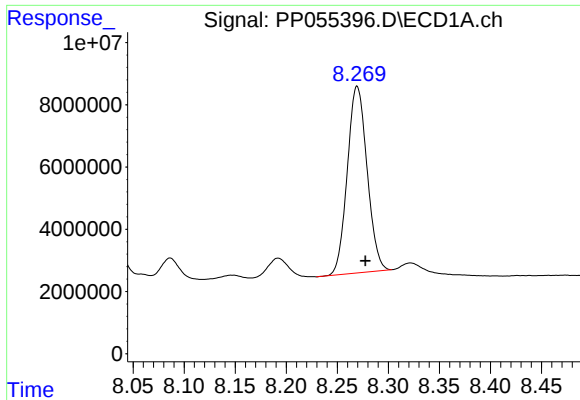
#34 AR-1260-4

R.T.: 7.952 min
Delta R.T.: -0.009 min
Response: 43904874
Conc: 452.27 ng/ml



#34 AR-1260-4

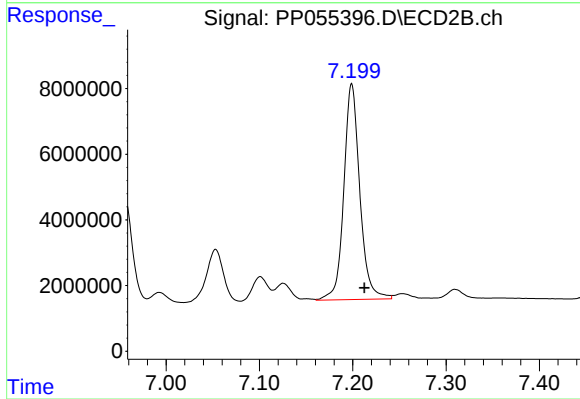
R.T.: 6.956 min
Delta R.T.: -0.013 min
Response: 37184564
Conc: 519.32 ng/ml



#35 AR-1260-5

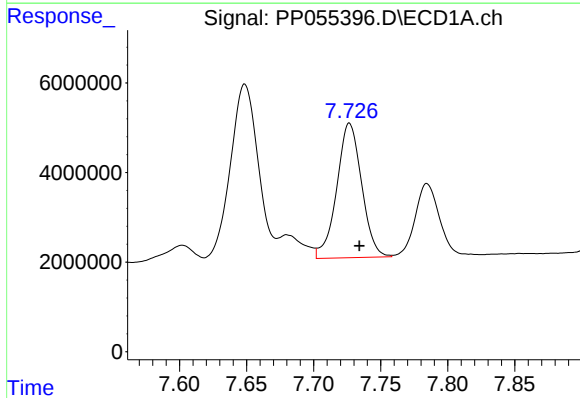
R.T.: 8.269 min
Delta R.T.: -0.008 min
Response: 80895551
Conc: 454.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



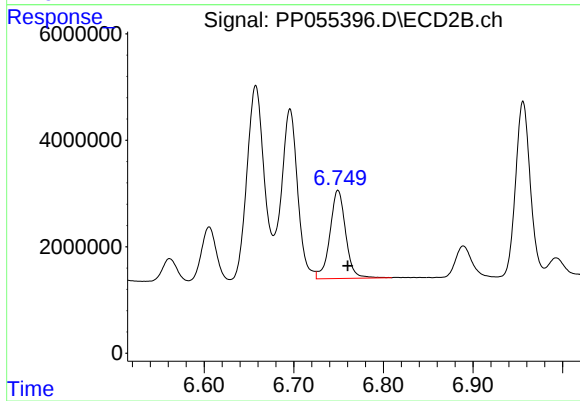
#35 AR-1260-5

R.T.: 7.199 min
Delta R.T.: -0.013 min
Response: 78267697
Conc: 509.10 ng/ml



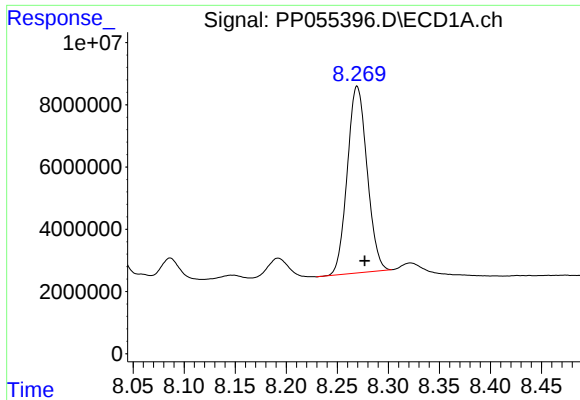
#36 AR-1262-1

R.T.: 7.727 min
Delta R.T.: -0.007 min
Response: 38733488
Conc: 328.30 ng/ml



#36 AR-1262-1

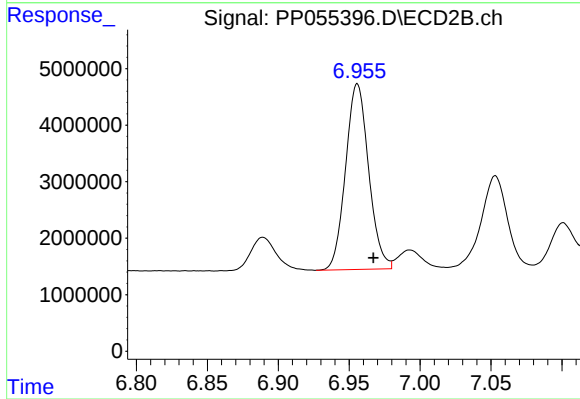
R.T.: 6.749 min
Delta R.T.: -0.011 min
Response: 20158950
Conc: 469.23 ng/ml



#37 AR-1262-2

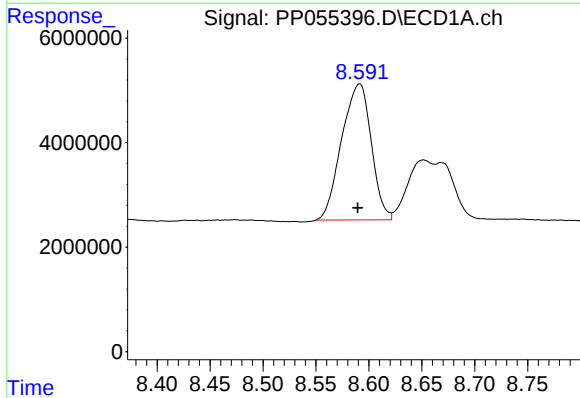
R.T.: 8.269 min
Delta R.T.: -0.007 min
Response: 80895551
Conc: 401.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



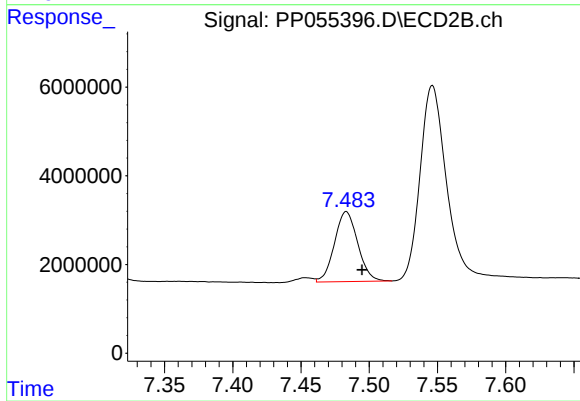
#37 AR-1262-2

R.T.: 6.956 min
Delta R.T.: -0.011 min
Response: 37184564
Conc: 401.46 ng/ml



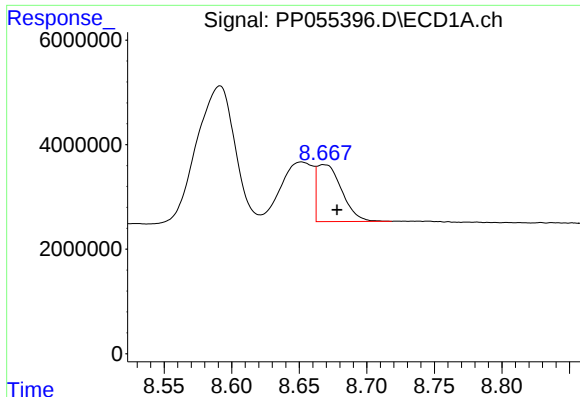
#38 AR-1262-3

R.T.: 8.591 min
Delta R.T.: 0.002 min
Response: 50683445
Conc: 364.44 ng/ml



#38 AR-1262-3

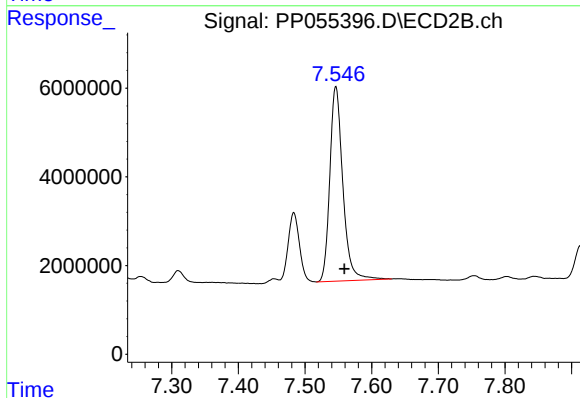
R.T.: 7.483 min
Delta R.T.: -0.012 min
Response: 18708674
Conc: 256.78 ng/ml



#39 AR-1262-4

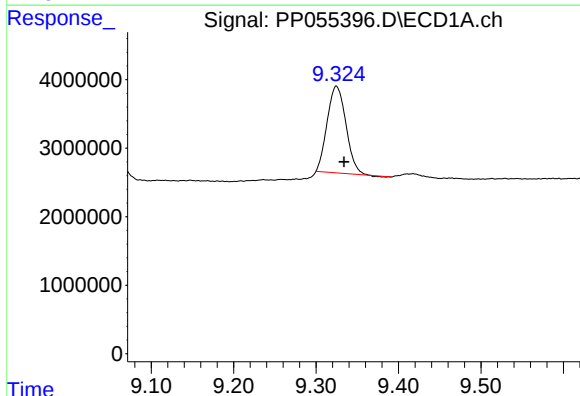
R.T.: 8.668 min
Delta R.T.: -0.009 min
Response: 13900938
Conc: 180.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



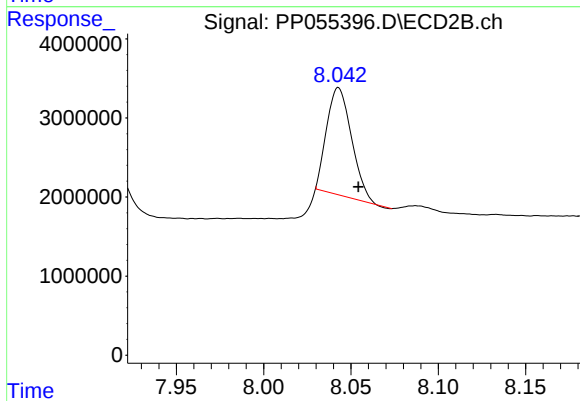
#39 AR-1262-4

R.T.: 7.546 min
Delta R.T.: -0.013 min
Response: 59584249
Conc: 455.61 ng/ml



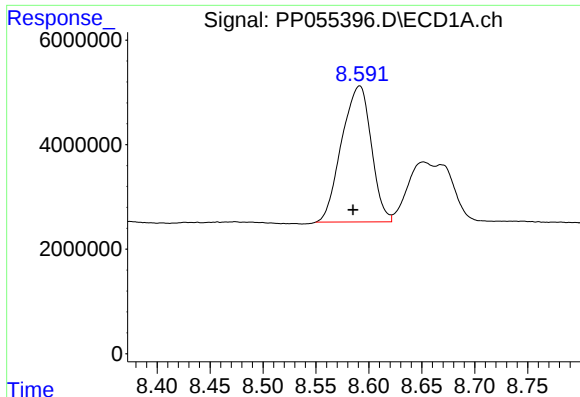
#40 AR-1262-5

R.T.: 9.325 min
Delta R.T.: -0.009 min
Response: 20005096
Conc: 279.71 ng/ml



#40 AR-1262-5

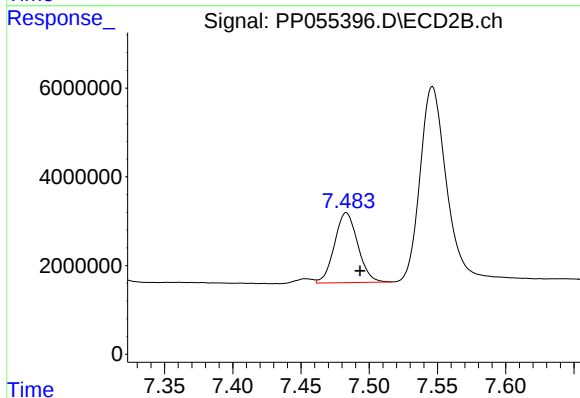
R.T.: 8.043 min
Delta R.T.: -0.011 min
Response: 13396484
Conc: 225.80 ng/ml



#41 AR-1268-1

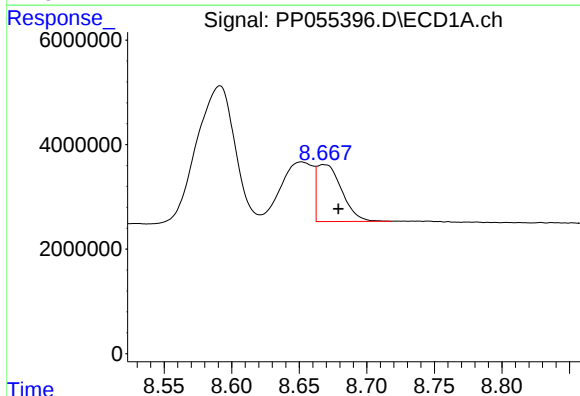
R.T.: 8.591 min
Delta R.T.: 0.006 min
Response: 50683445
Conc: 207.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



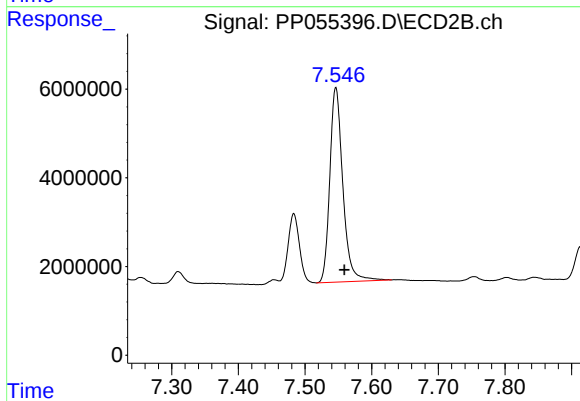
#41 AR-1268-1

R.T.: 7.483 min
Delta R.T.: -0.010 min
Response: 18708674
Conc: 86.52 ng/ml



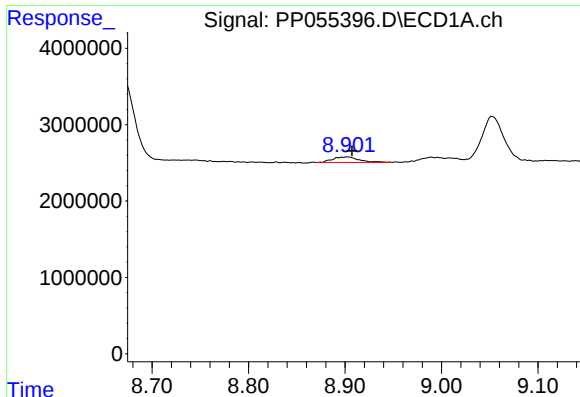
#42 AR-1268-2

R.T.: 8.668 min
Delta R.T.: -0.011 min
Response: 13900938
Conc: 61.20 ng/ml



#42 AR-1268-2

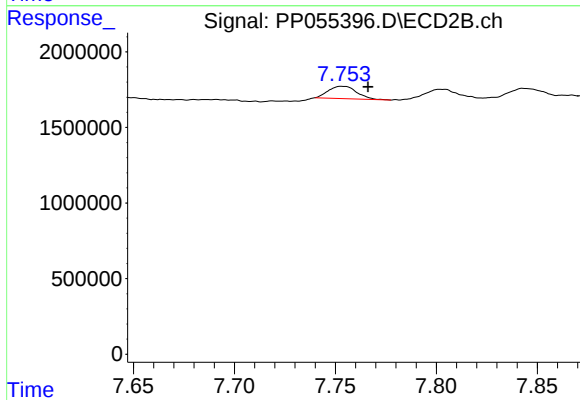
R.T.: 7.546 min
Delta R.T.: -0.013 min
Response: 59584249
Conc: 305.35 ng/ml



#43 AR-1268-3

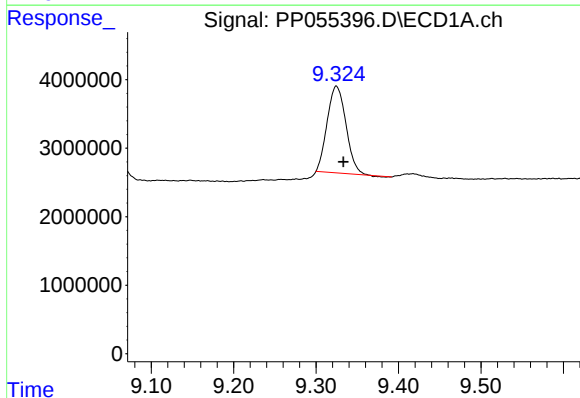
R.T.: 8.902 min
Delta R.T.: -0.005 min
Response: 1379268
Conc: 6.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



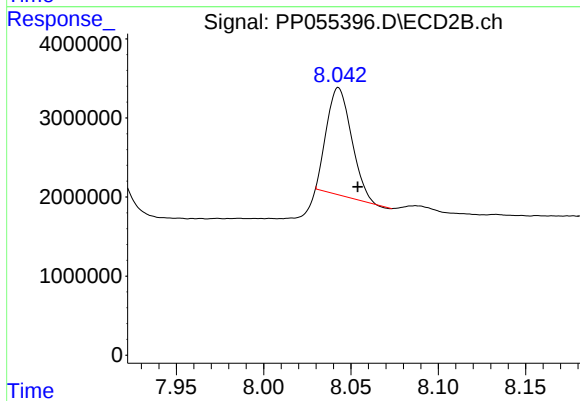
#43 AR-1268-3

R.T.: 7.754 min
Delta R.T.: -0.013 min
Response: 792854
Conc: 4.62 ng/ml



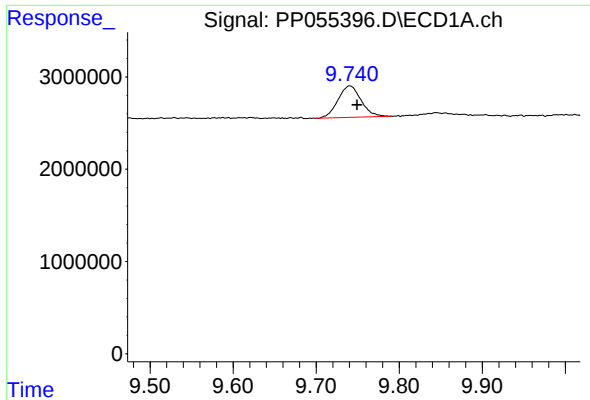
#44 AR-1268-4

R.T.: 9.325 min
Delta R.T.: -0.008 min
Response: 20005096
Conc: 254.69 ng/ml



#44 AR-1268-4

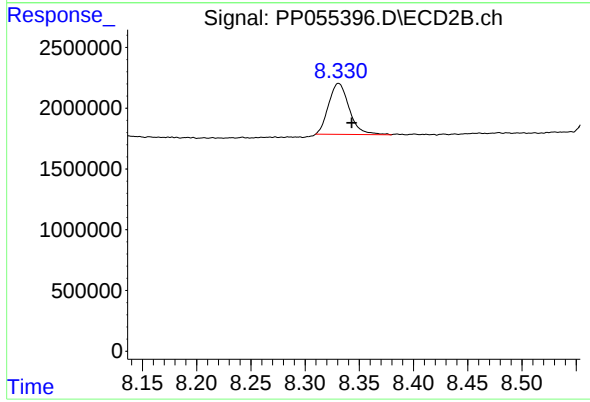
R.T.: 8.043 min
Delta R.T.: -0.011 min
Response: 13396484
Conc: 210.03 ng/ml



#45 AR-1268-5

R.T.: 9.741 min
Delta R.T.: -0.008 min
Response: 6604507
Conc: 10.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.331 min
Delta R.T.: -0.012 min
Response: 5534245
Conc: 10.51 ng/ml