

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP020323\
 Data File : PP055311.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Feb 2023 16:44
 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 03 23:57:15 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	87902984	78922288	50.556	52.572
2)	SA Decachlor...	10.084	8.587	77778335	61364413	44.915	45.436
Target Compounds							
3)	L1 AR-1016-1	5.500	4.657	29234798	25230313	434.976	509.766
4)	L1 AR-1016-2	5.522	4.675	42050110	36485749	438.802	527.105
5)	L1 AR-1016-3	5.584	4.852	26068753	19207642	435.813	516.382
6)	L1 AR-1016-4	5.683	4.894	20818900	15372257	434.469	489.215
7)	L1 AR-1016-5	5.979	5.107	21156016	19474057	417.492	476.319
8)	L2 AR-1221-1	4.533	3.785	3140092	2981933	133.536	150.399
9)	L2 AR-1221-2	4.623	3.872	4984727	4125965	280.561	278.361
10)	L2 AR-1221-3	4.700	3.947	17669624	16109696	328.373	357.085
11)	L3 AR-1232-1	4.700	3.947	17669624	16109696	398.119	437.058
12)	L3 AR-1232-2	5.230	4.675	21739831	36485749	961.310	1142.231
13)	L3 AR-1232-3	5.522	4.852	42050110	19207642	957.484	1152.161
14)	L3 AR-1232-4	5.683	4.935	20818900	19677254	940.576	1220.210 #
15)	L3 AR-1232-5	5.775	5.107	19029876	19474057	1086.984	1102.630
16)	L4 AR-1242-1	5.500	4.657	29234798	25230313	522.155	615.941
17)	L4 AR-1242-2	5.522	4.675	42050110	36485749	526.747	638.968
18)	L4 AR-1242-3	5.584	4.852	26068753	19207642	524.929	622.259
19)	L4 AR-1242-4	5.683	4.935	20818900	19677254	519.475	605.695
20)	L4 AR-1242-5	6.424	5.460	5822905	20238960	130.959	541.559 #
21)	L5 AR-1248-1	5.500	4.657	29234798	25230313	701.012	813.799
22)	L5 AR-1248-2	5.775	4.894	19029876	15372257	299.333	336.171
23)	L5 AR-1248-3	5.979	4.935	21156016	19677254	305.908	412.753 #
24)	L5 AR-1248-4	6.384	5.107	7007939	19474057	92.412	352.617 #
25)	L5 AR-1248-5	6.424	5.500	5822905	5200841	78.909	105.771 #
26)	L6 AR-1254-1	6.358	5.460	17809753	20238960	225.747	250.612
27)	L6 AR-1254-2	6.578	5.609	16359506	15174920	135.177	212.051 #
28)	L6 AR-1254-3	6.945	6.028	7193510	25810725	58.727	231.678 #
29)	L6 AR-1254-4	7.232	6.242	4020686	1952510	45.632	31.744 #
30)	L6 AR-1254-5	7.652	6.661	50349440	43531092	497.717	459.169
31)	L7 AR-1260-1	7.111	6.144	39379583	38459895	413.102	495.972
32)	L7 AR-1260-2	7.369	6.333	45351581	42719748	402.959	475.202
33)	L7 AR-1260-3	7.730	6.486	34767491	39498152	431.793	465.173
34)	L7 AR-1260-4	7.956	6.960	39513689	32755296	407.035	457.458
35)	L7 AR-1260-5	8.273	7.203	72431110	68378387	407.258	444.777
36)	L8 AR-1262-1	7.730	6.753	34767491	17817853	294.684	414.741 #
37)	L8 AR-1262-2	8.273	6.960	72431110	32755296	359.614	353.641
38)	L8 AR-1262-3	8.594	7.487	48819735	16359832	351.041	224.538 #
39)	L8 AR-1262-4	8.673	7.551	14666167	50429041	190.764	385.604 #
40)	L8 AR-1262-5	9.330	8.048	20341185	14354852	284.414	241.958
41)	L9 AR-1268-1	8.594	7.487	48819735	16359832	199.748	75.661 #

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 Acq On : 03 Feb 2023 16:44
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

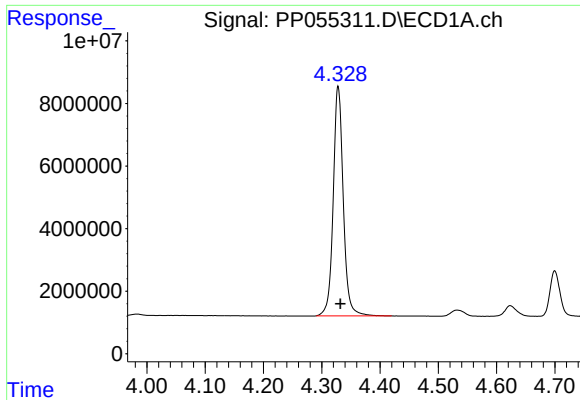
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 03 23:57:15 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
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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	8.673	7.551	14666167	50429041	64.573	258.433 #
43) L9	AR-1268-3	8.904	7.758	962040	844784	4.815	4.918
44) L9	AR-1268-4	9.330	8.048	20341185	14354852	258.970	225.060
45) L9	AR-1268-5	9.745	8.336	6718028	5241544	10.561	9.953

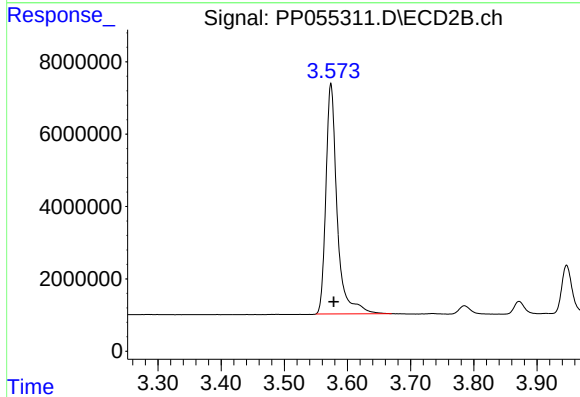
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

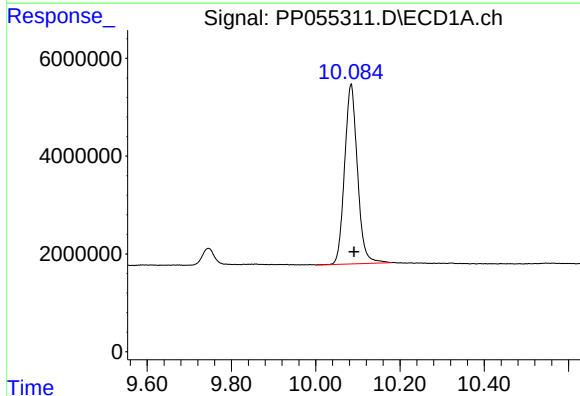
R.T.: 4.328 min
Delta R.T.: -0.004 min
Response: 87902984
Conc: 50.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



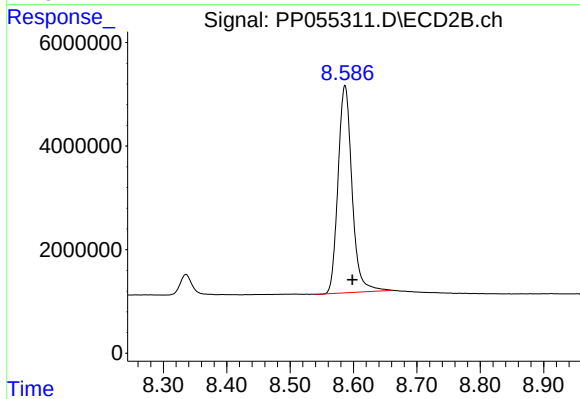
#1 Tetrachloro-m-xylene

R.T.: 3.574 min
Delta R.T.: -0.004 min
Response: 78922288
Conc: 52.57 ng/ml



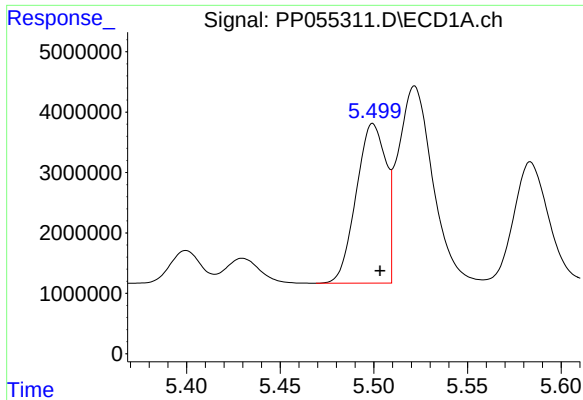
#2 Decachlorobiphenyl

R.T.: 10.084 min
Delta R.T.: -0.007 min
Response: 77778335
Conc: 44.92 ng/ml



#2 Decachlorobiphenyl

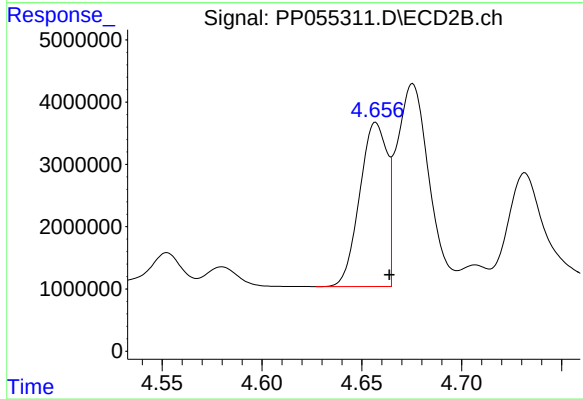
R.T.: 8.587 min
Delta R.T.: -0.012 min
Response: 61364413
Conc: 45.44 ng/ml



#3 AR-1016-1

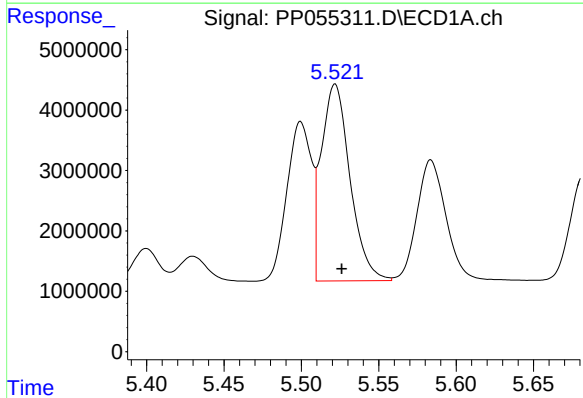
R.T.: 5.500 min
Delta R.T.: -0.004 min
Response: 29234798
Conc: 434.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



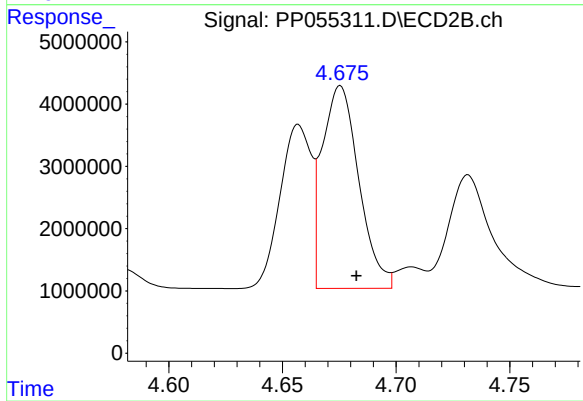
#3 AR-1016-1

R.T.: 4.657 min
Delta R.T.: -0.007 min
Response: 25230313
Conc: 509.77 ng/ml



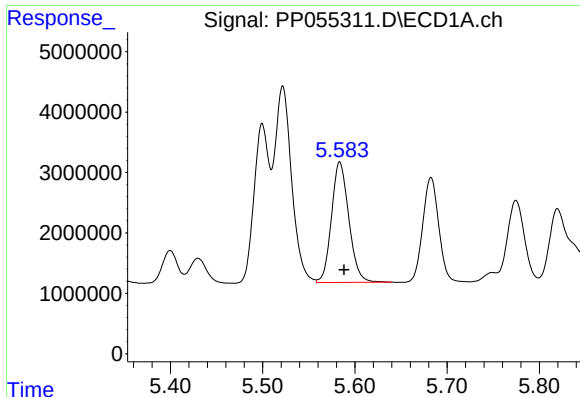
#4 AR-1016-2

R.T.: 5.522 min
Delta R.T.: -0.004 min
Response: 42050110
Conc: 438.80 ng/ml



#4 AR-1016-2

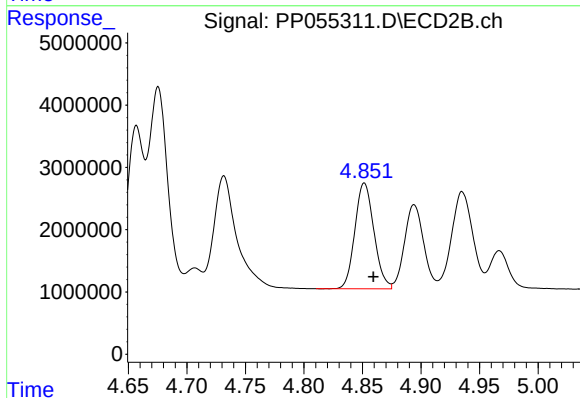
R.T.: 4.675 min
Delta R.T.: -0.007 min
Response: 36485749
Conc: 527.11 ng/ml



#5 AR-1016-3

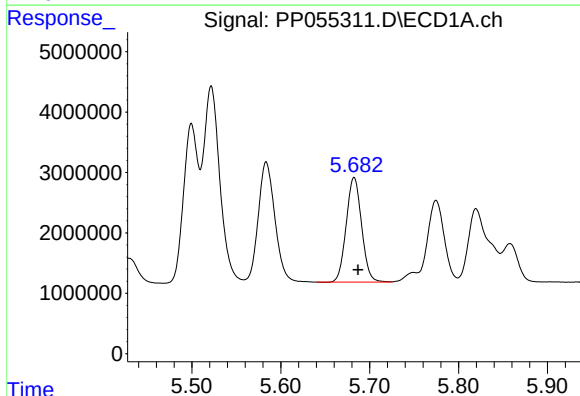
R.T.: 5.584 min
Delta R.T.: -0.005 min
Response: 26068753
Conc: 435.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



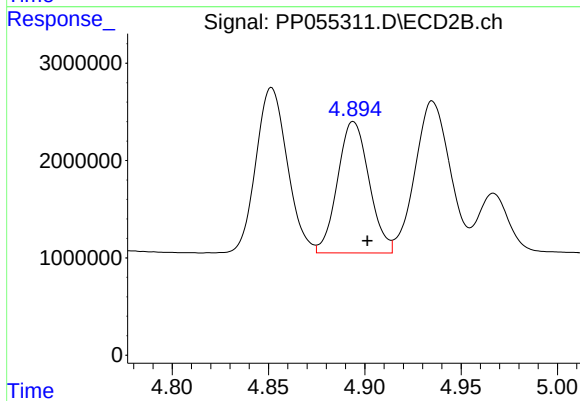
#5 AR-1016-3

R.T.: 4.852 min
Delta R.T.: -0.008 min
Response: 19207642
Conc: 516.38 ng/ml



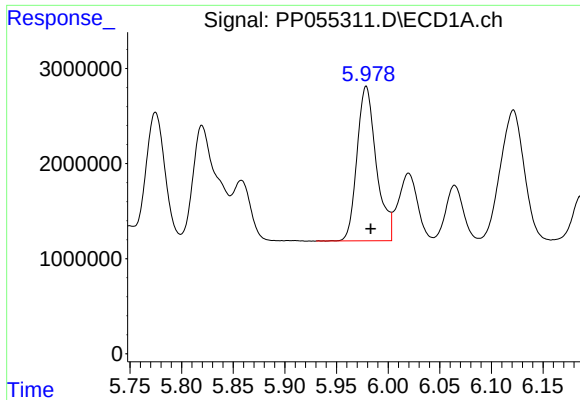
#6 AR-1016-4

R.T.: 5.683 min
Delta R.T.: -0.004 min
Response: 20818900
Conc: 434.47 ng/ml



#6 AR-1016-4

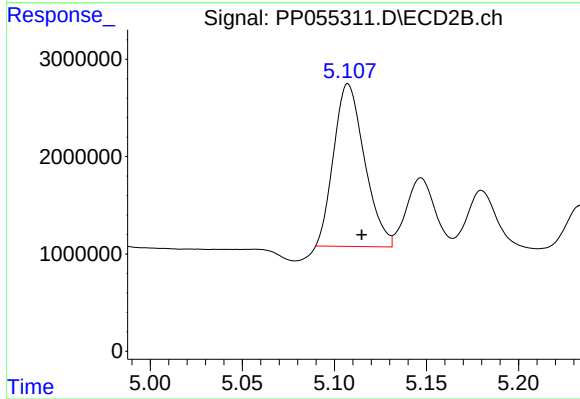
R.T.: 4.894 min
Delta R.T.: -0.007 min
Response: 15372257
Conc: 489.22 ng/ml



#7 AR-1016-5

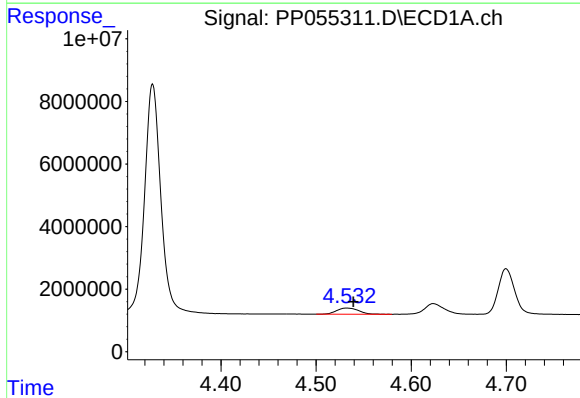
R.T.: 5.979 min
Delta R.T.: -0.004 min
Response: 21156016
Conc: 417.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



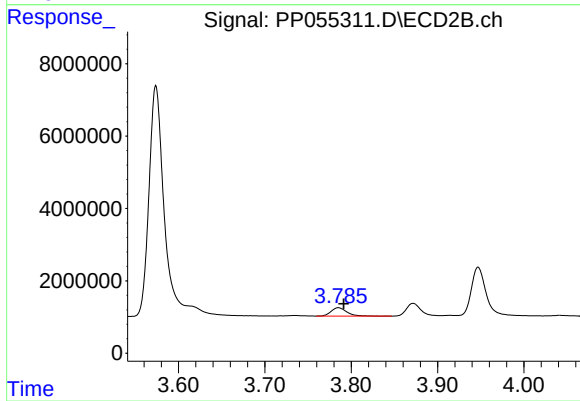
#7 AR-1016-5

R.T.: 5.107 min
Delta R.T.: -0.008 min
Response: 19474057
Conc: 476.32 ng/ml



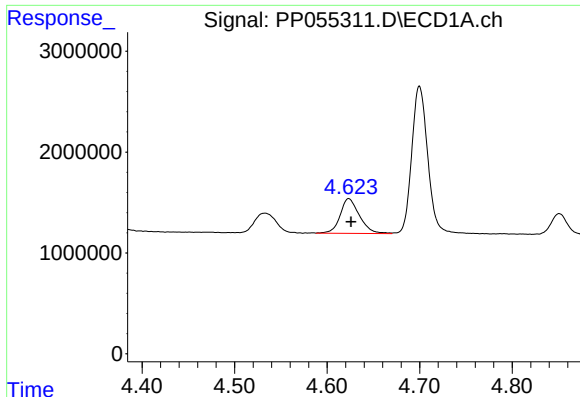
#8 AR-1221-1

R.T.: 4.533 min
Delta R.T.: -0.006 min
Response: 3140092
Conc: 133.54 ng/ml



#8 AR-1221-1

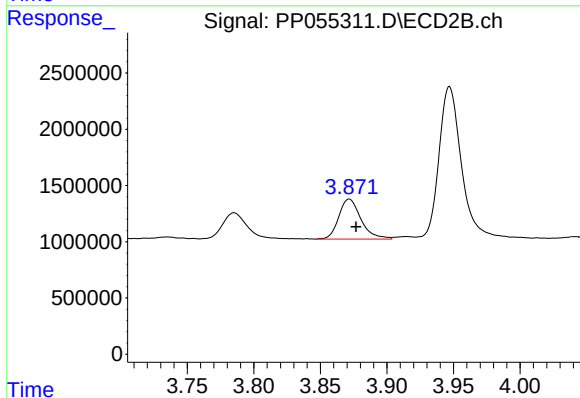
R.T.: 3.785 min
Delta R.T.: -0.006 min
Response: 2981933
Conc: 150.40 ng/ml



#9 AR-1221-2

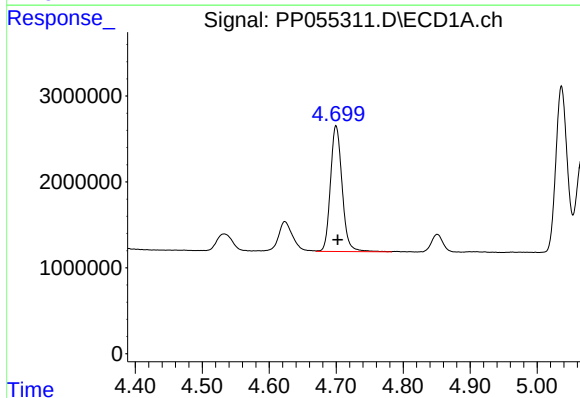
R.T.: 4.623 min
Delta R.T.: -0.003 min
Response: 4984727
Conc: 280.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



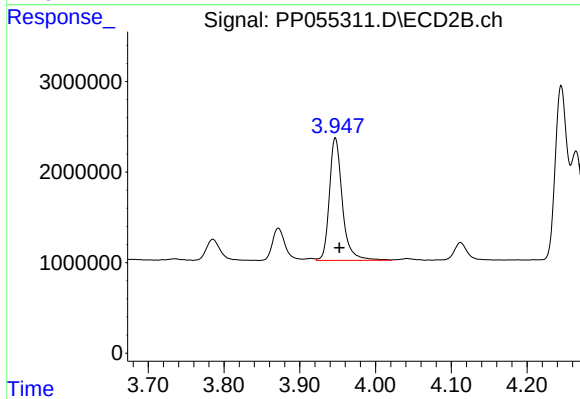
#9 AR-1221-2

R.T.: 3.872 min
Delta R.T.: -0.005 min
Response: 4125965
Conc: 278.36 ng/ml



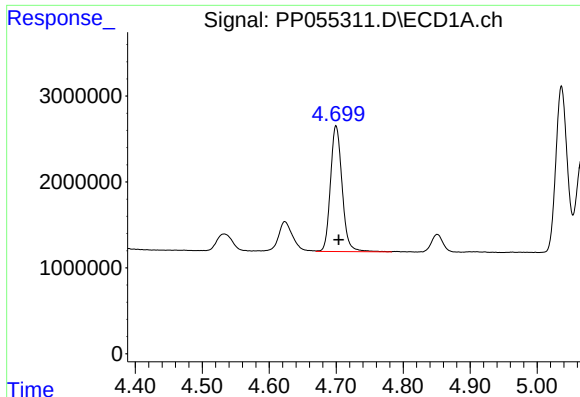
#10 AR-1221-3

R.T.: 4.700 min
Delta R.T.: -0.003 min
Response: 17669624
Conc: 328.37 ng/ml



#10 AR-1221-3

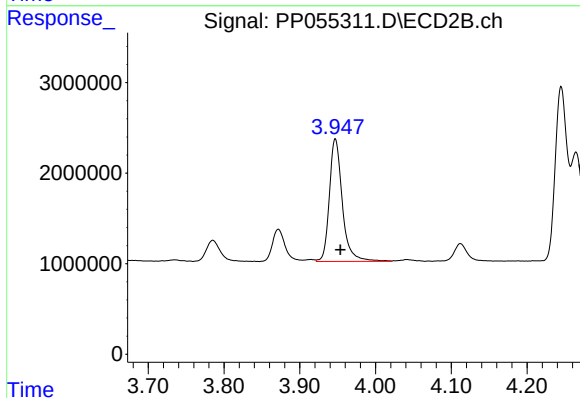
R.T.: 3.947 min
Delta R.T.: -0.005 min
Response: 16109696
Conc: 357.09 ng/ml



#11 AR-1232-1

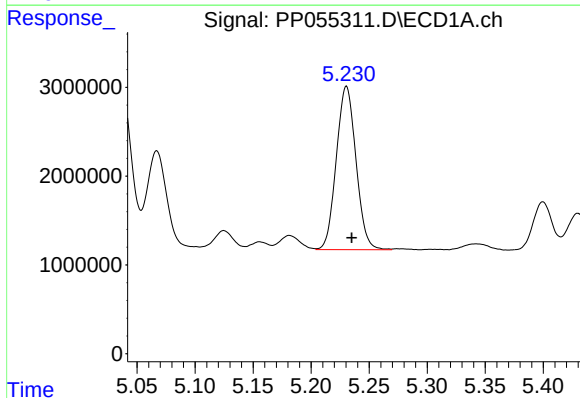
R.T.: 4.700 min
Delta R.T.: -0.004 min
Response: 17669624
Conc: 398.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



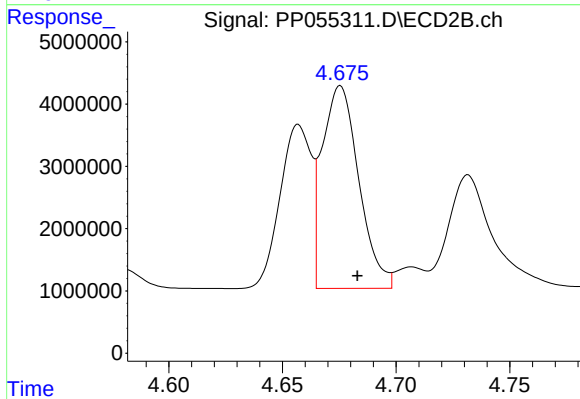
#11 AR-1232-1

R.T.: 3.947 min
Delta R.T.: -0.006 min
Response: 16109696
Conc: 437.06 ng/ml



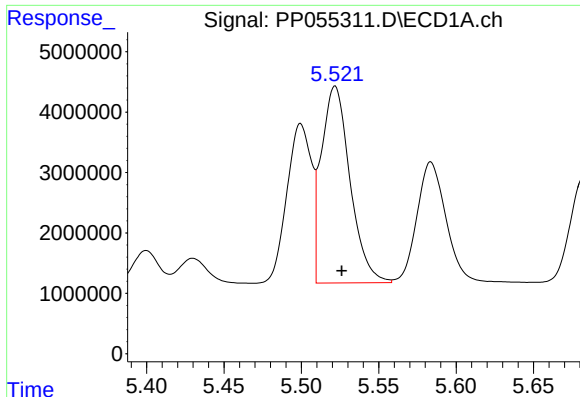
#12 AR-1232-2

R.T.: 5.230 min
Delta R.T.: -0.004 min
Response: 21739831
Conc: 961.31 ng/ml



#12 AR-1232-2

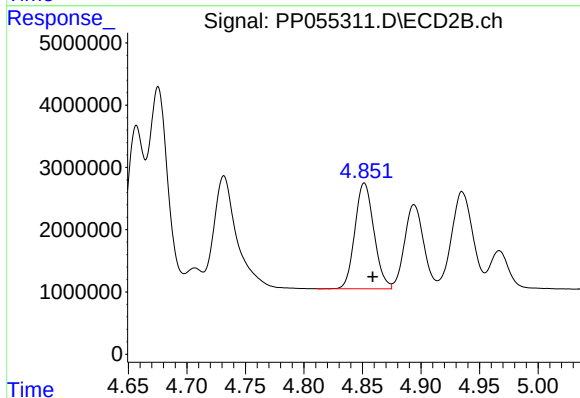
R.T.: 4.675 min
Delta R.T.: -0.008 min
Response: 36485749
Conc: 1142.23 ng/ml



#13 AR-1232-3

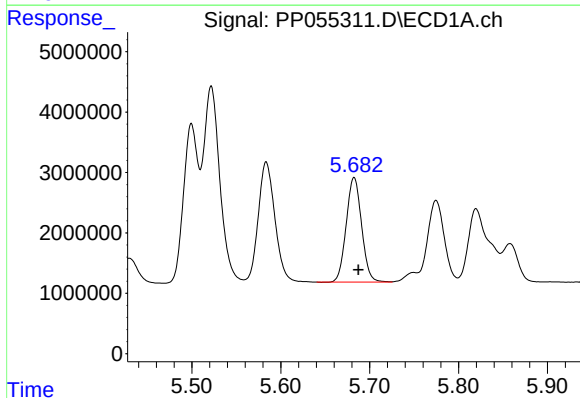
R.T.: 5.522 min
Delta R.T.: -0.004 min
Response: 42050110
Conc: 957.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



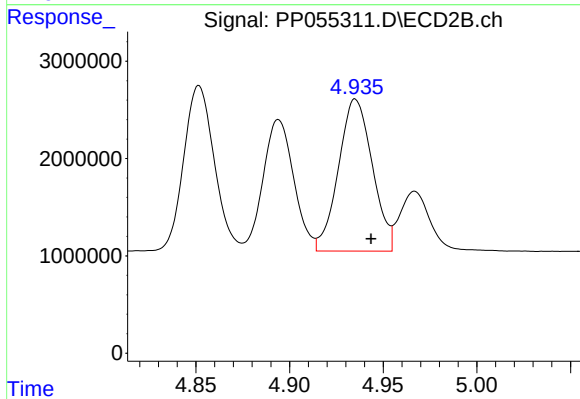
#13 AR-1232-3

R.T.: 4.852 min
Delta R.T.: -0.007 min
Response: 19207642
Conc: 1152.16 ng/ml



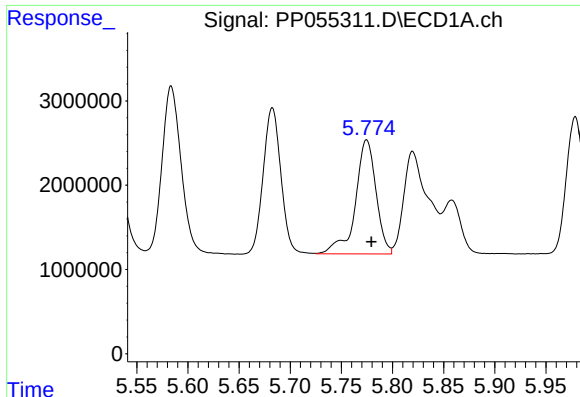
#14 AR-1232-4

R.T.: 5.683 min
Delta R.T.: -0.005 min
Response: 20818900
Conc: 940.58 ng/ml



#14 AR-1232-4

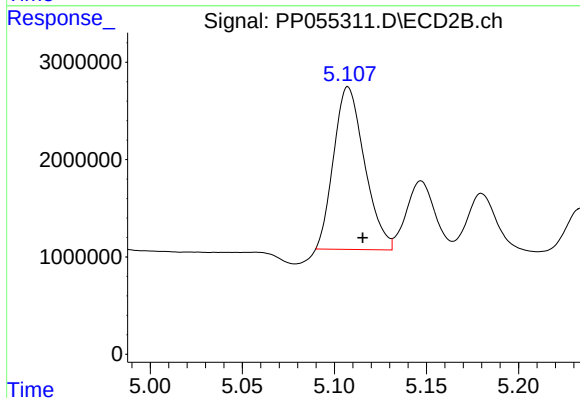
R.T.: 4.935 min
Delta R.T.: -0.008 min
Response: 19677254
Conc: 1220.21 ng/ml



#15 AR-1232-5

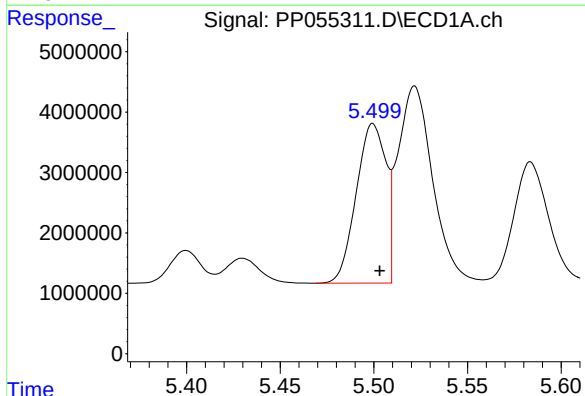
R.T.: 5.775 min
Delta R.T.: -0.005 min
Response: 19029876
Conc: 1086.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



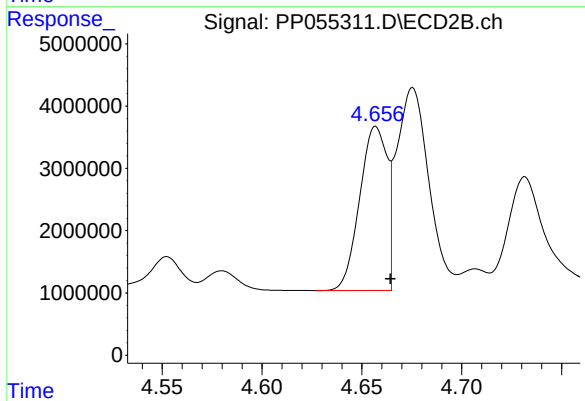
#15 AR-1232-5

R.T.: 5.107 min
Delta R.T.: -0.008 min
Response: 19474057
Conc: 1102.63 ng/ml



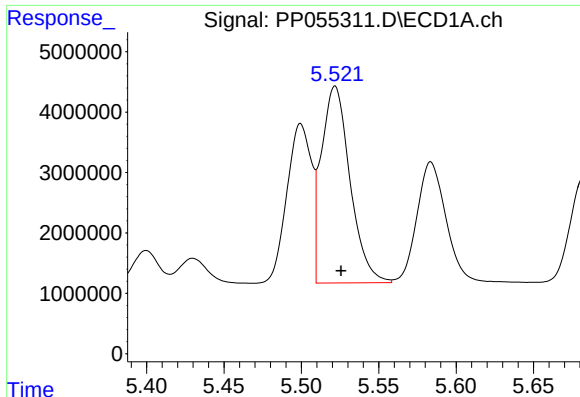
#16 AR-1242-1

R.T.: 5.500 min
Delta R.T.: -0.004 min
Response: 29234798
Conc: 522.15 ng/ml



#16 AR-1242-1

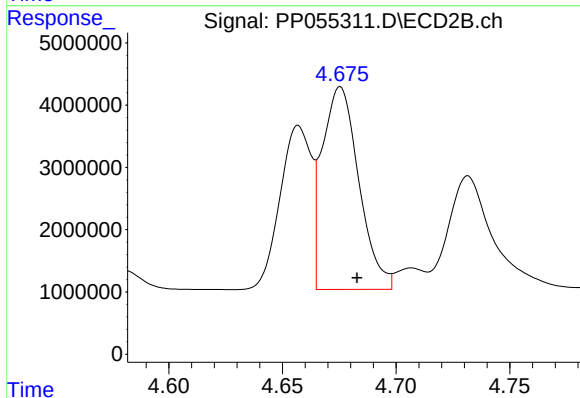
R.T.: 4.657 min
Delta R.T.: -0.007 min
Response: 25230313
Conc: 615.94 ng/ml



#17 AR-1242-2

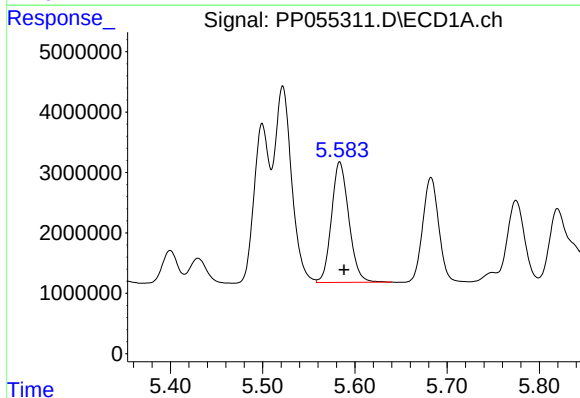
R.T.: 5.522 min
Delta R.T.: -0.004 min
Response: 42050110
Conc: 526.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



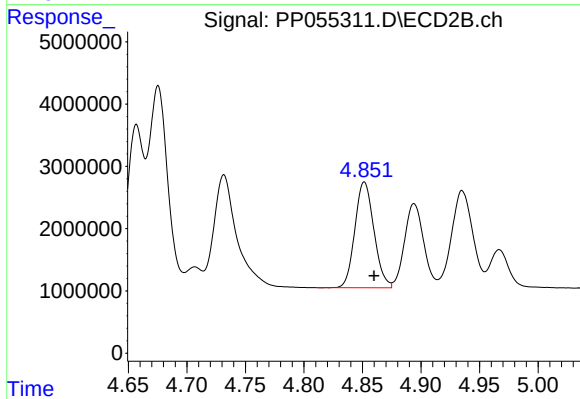
#17 AR-1242-2

R.T.: 4.675 min
Delta R.T.: -0.007 min
Response: 36485749
Conc: 638.97 ng/ml



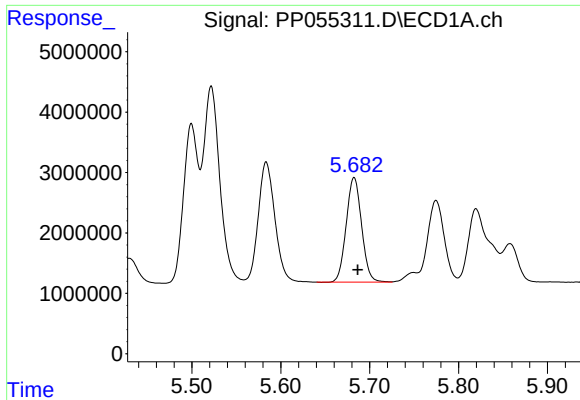
#18 AR-1242-3

R.T.: 5.584 min
Delta R.T.: -0.005 min
Response: 26068753
Conc: 524.93 ng/ml



#18 AR-1242-3

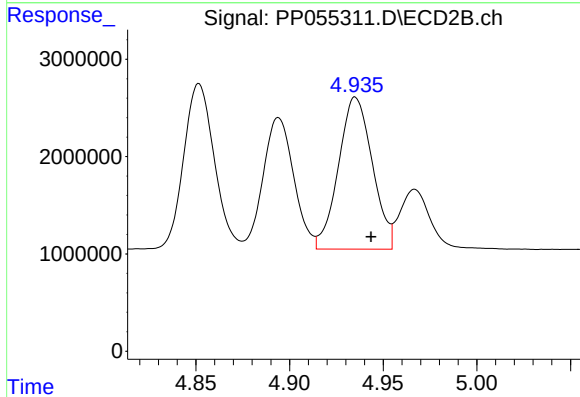
R.T.: 4.852 min
Delta R.T.: -0.008 min
Response: 19207642
Conc: 622.26 ng/ml



#19 AR-1242-4

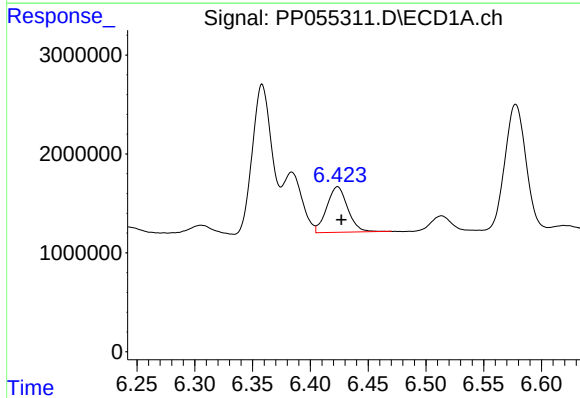
R.T.: 5.683 min
Delta R.T.: -0.004 min
Response: 20818900
Conc: 519.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



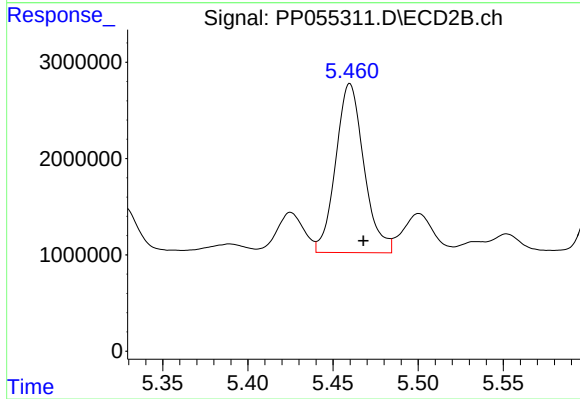
#19 AR-1242-4

R.T.: 4.935 min
Delta R.T.: -0.008 min
Response: 19677254
Conc: 605.69 ng/ml



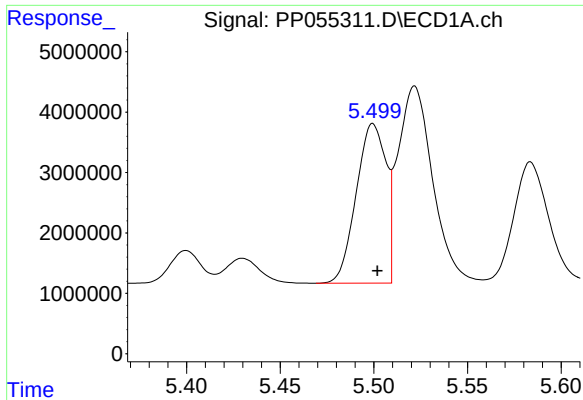
#20 AR-1242-5

R.T.: 6.424 min
Delta R.T.: -0.003 min
Response: 5822905
Conc: 130.96 ng/ml



#20 AR-1242-5

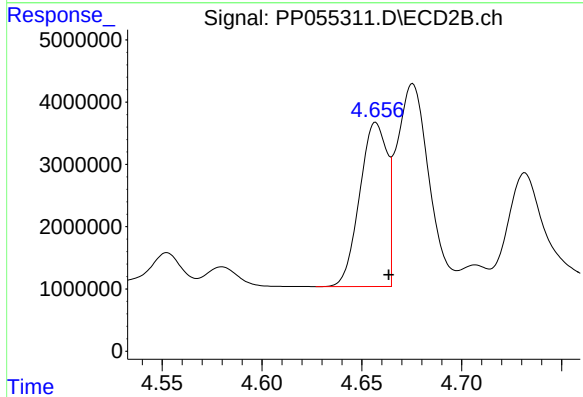
R.T.: 5.460 min
Delta R.T.: -0.008 min
Response: 20238960
Conc: 541.56 ng/ml



#21 AR-1248-1

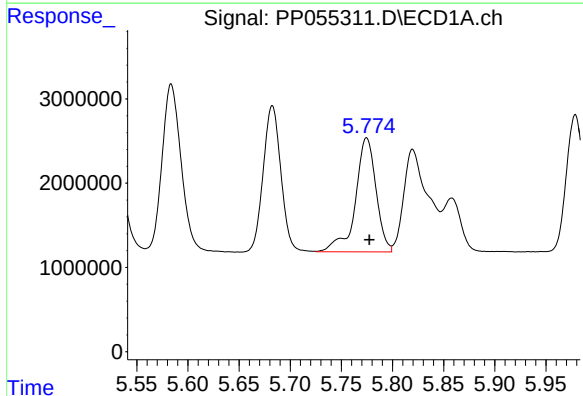
R.T.: 5.500 min
Delta R.T.: -0.002 min
Response: 29234798
Conc: 701.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



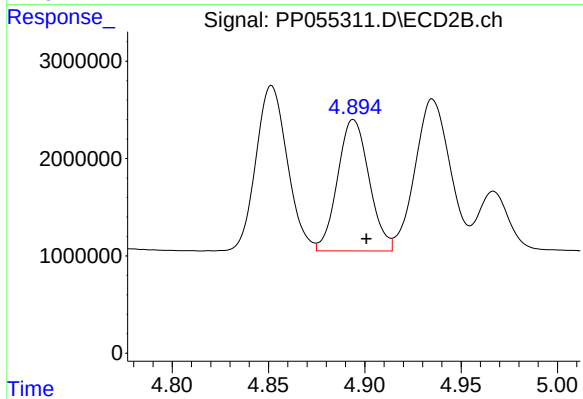
#21 AR-1248-1

R.T.: 4.657 min
Delta R.T.: -0.006 min
Response: 25230313
Conc: 813.80 ng/ml



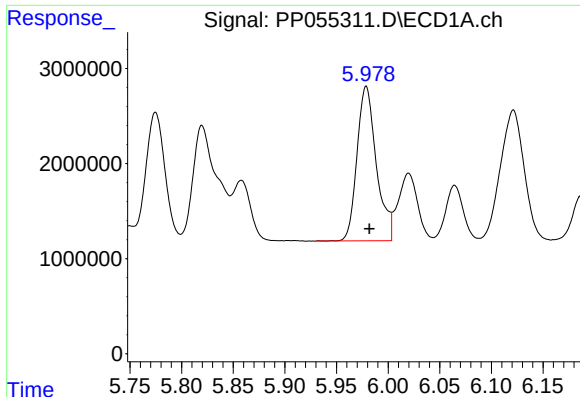
#22 AR-1248-2

R.T.: 5.775 min
Delta R.T.: -0.003 min
Response: 19029876
Conc: 299.33 ng/ml



#22 AR-1248-2

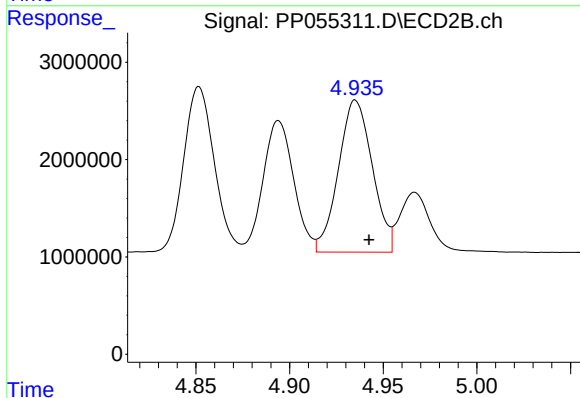
R.T.: 4.894 min
Delta R.T.: -0.007 min
Response: 15372257
Conc: 336.17 ng/ml



#23 AR-1248-3

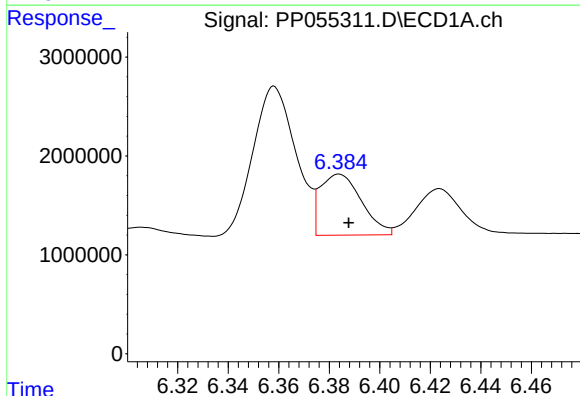
R.T.: 5.979 min
Delta R.T.: -0.003 min
Response: 21156016
Conc: 305.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



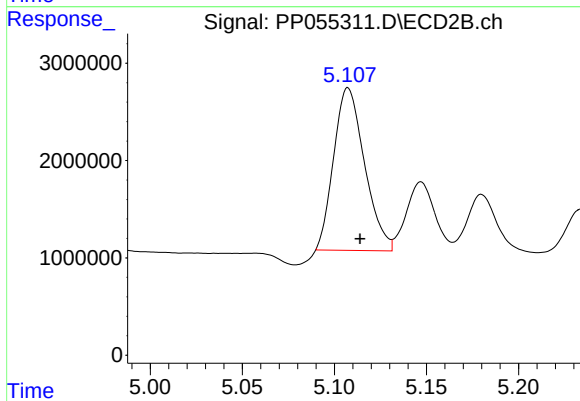
#23 AR-1248-3

R.T.: 4.935 min
Delta R.T.: -0.007 min
Response: 19677254
Conc: 412.75 ng/ml



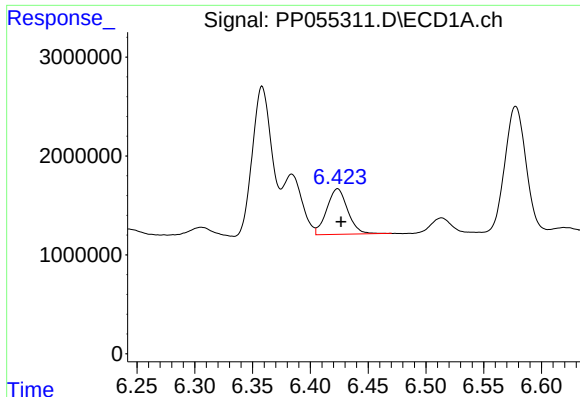
#24 AR-1248-4

R.T.: 6.384 min
Delta R.T.: -0.004 min
Response: 7007939
Conc: 92.41 ng/ml



#24 AR-1248-4

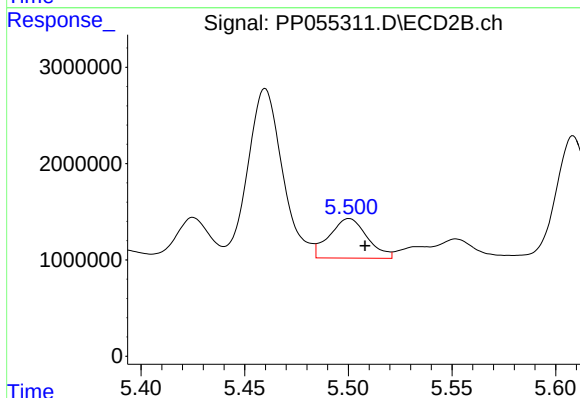
R.T.: 5.107 min
Delta R.T.: -0.006 min
Response: 19474057
Conc: 352.62 ng/ml



#25 AR-1248-5

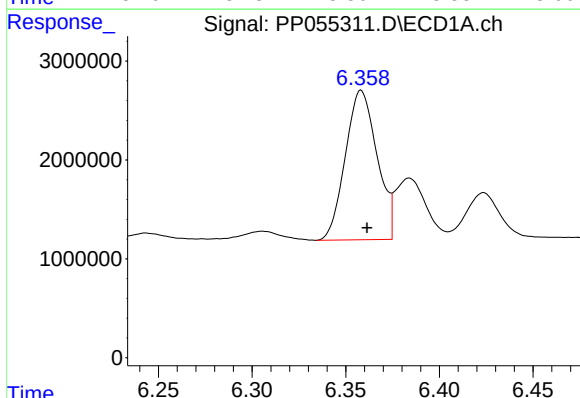
R.T.: 6.424 min
Delta R.T.: -0.003 min
Response: 5822905
Conc: 78.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



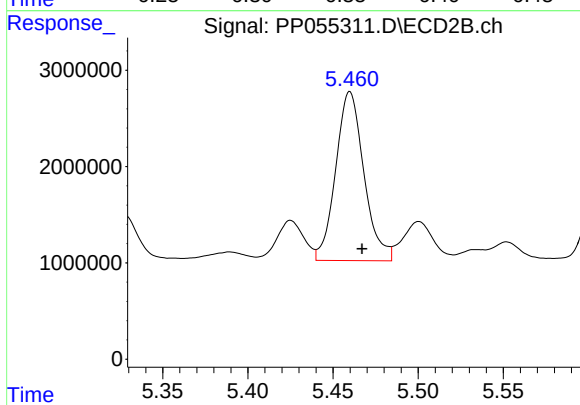
#25 AR-1248-5

R.T.: 5.500 min
Delta R.T.: -0.008 min
Response: 5200841
Conc: 105.77 ng/ml



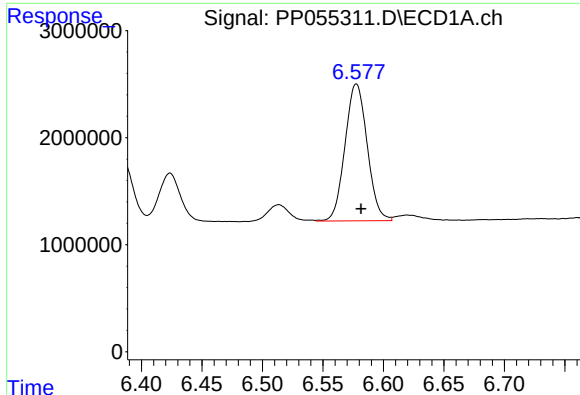
#26 AR-1254-1

R.T.: 6.358 min
Delta R.T.: -0.003 min
Response: 17809753
Conc: 225.75 ng/ml



#26 AR-1254-1

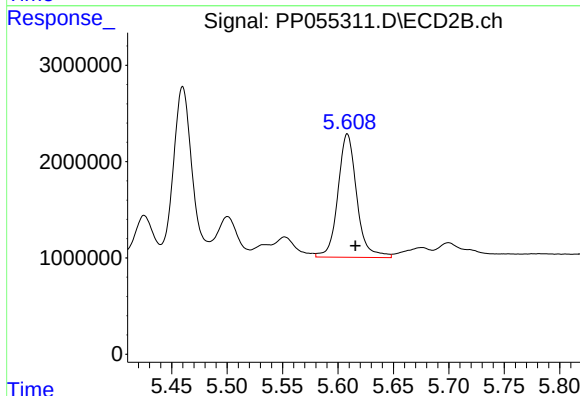
R.T.: 5.460 min
Delta R.T.: -0.007 min
Response: 20238960
Conc: 250.61 ng/ml



#27 AR-1254-2

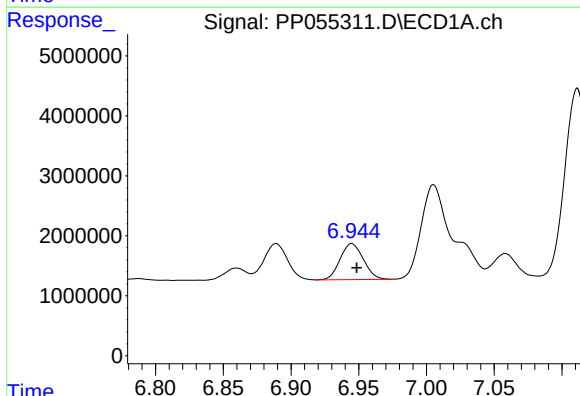
R.T.: 6.578 min
Delta R.T.: -0.004 min
Response: 16359506
Conc: 135.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



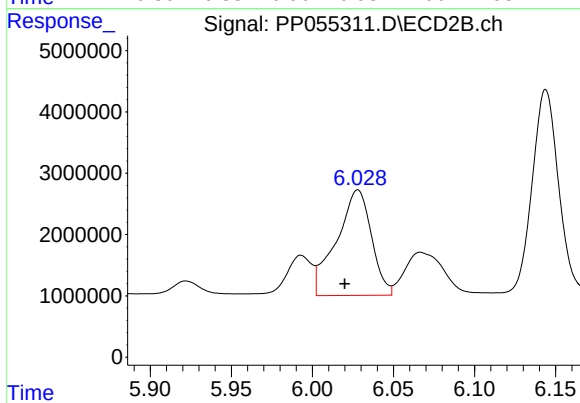
#27 AR-1254-2

R.T.: 5.609 min
Delta R.T.: -0.007 min
Response: 15174920
Conc: 212.05 ng/ml



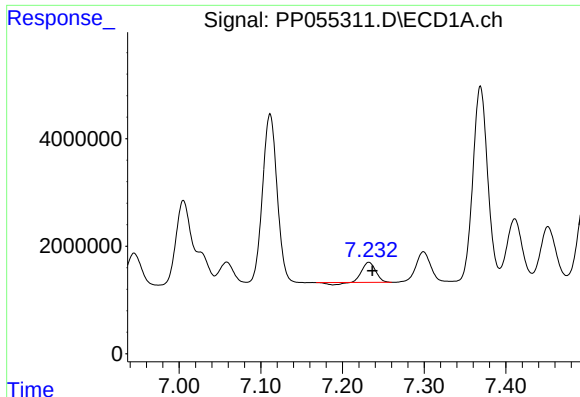
#28 AR-1254-3

R.T.: 6.945 min
Delta R.T.: -0.004 min
Response: 7193510
Conc: 58.73 ng/ml



#28 AR-1254-3

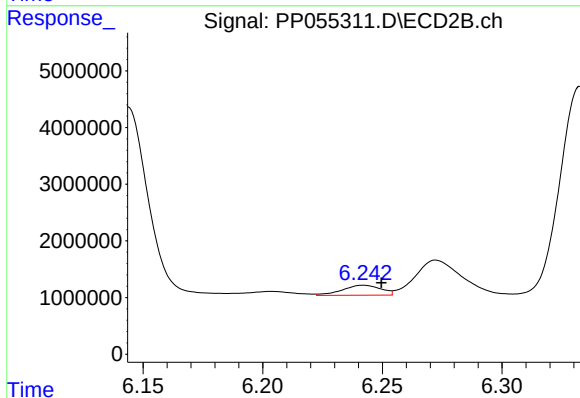
R.T.: 6.028 min
Delta R.T.: 0.008 min
Response: 25810725
Conc: 231.68 ng/ml



#29 AR-1254-4

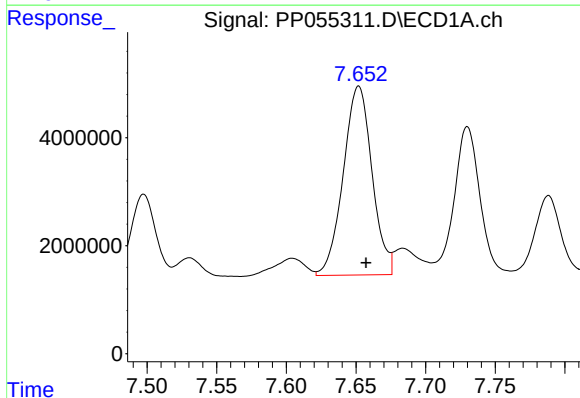
R.T.: 7.232 min
Delta R.T.: -0.004 min
Response: 4020686
Conc: 45.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



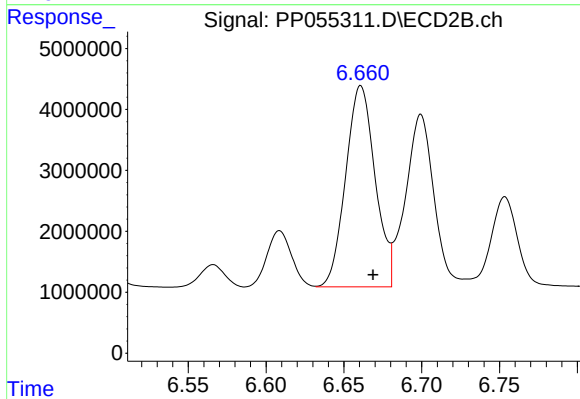
#29 AR-1254-4

R.T.: 6.242 min
Delta R.T.: -0.007 min
Response: 1952510
Conc: 31.74 ng/ml



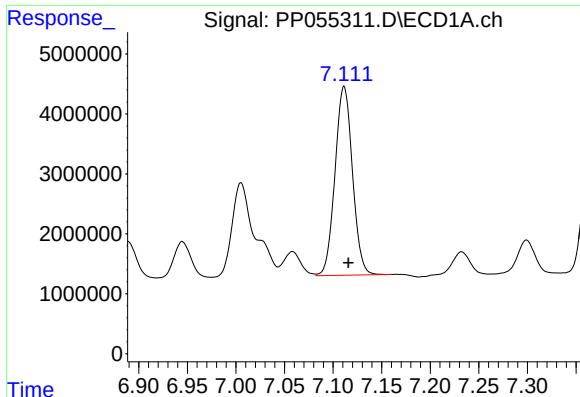
#30 AR-1254-5

R.T.: 7.652 min
Delta R.T.: -0.005 min
Response: 50349440
Conc: 497.72 ng/ml



#30 AR-1254-5

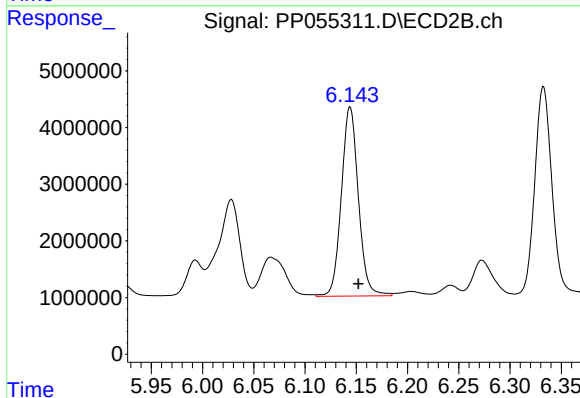
R.T.: 6.661 min
Delta R.T.: -0.008 min
Response: 43531092
Conc: 459.17 ng/ml



#31 AR-1260-1

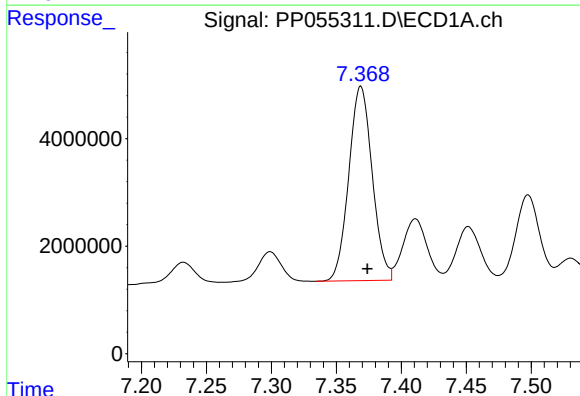
R.T.: 7.111 min
Delta R.T.: -0.004 min
Response: 39379583
Conc: 413.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



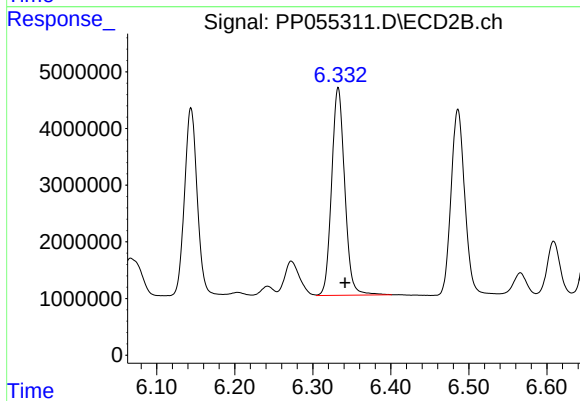
#31 AR-1260-1

R.T.: 6.144 min
Delta R.T.: -0.008 min
Response: 38459895
Conc: 495.97 ng/ml



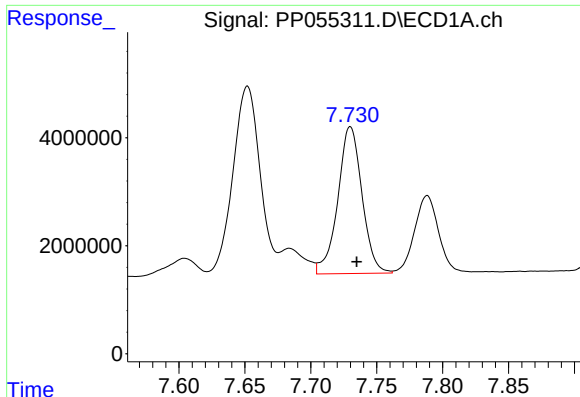
#32 AR-1260-2

R.T.: 7.369 min
Delta R.T.: -0.005 min
Response: 45351581
Conc: 402.96 ng/ml



#32 AR-1260-2

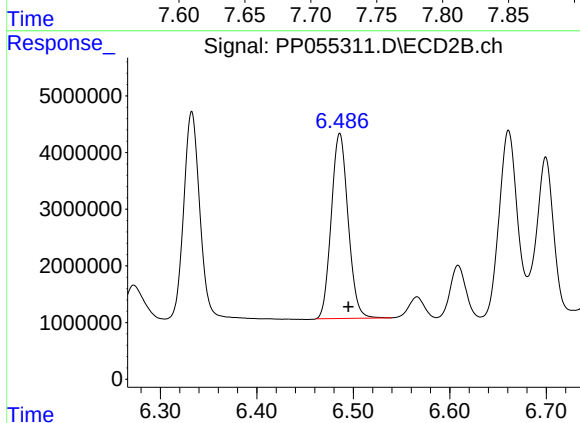
R.T.: 6.333 min
Delta R.T.: -0.009 min
Response: 42719748
Conc: 475.20 ng/ml



#33 AR-1260-3

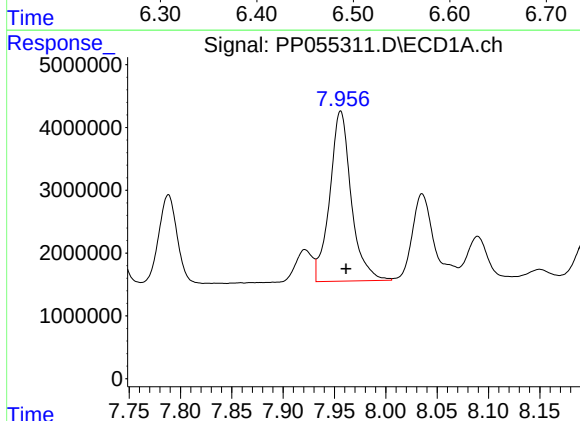
R.T.: 7.730 min
Delta R.T.: -0.005 min
Response: 34767491
Conc: 431.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



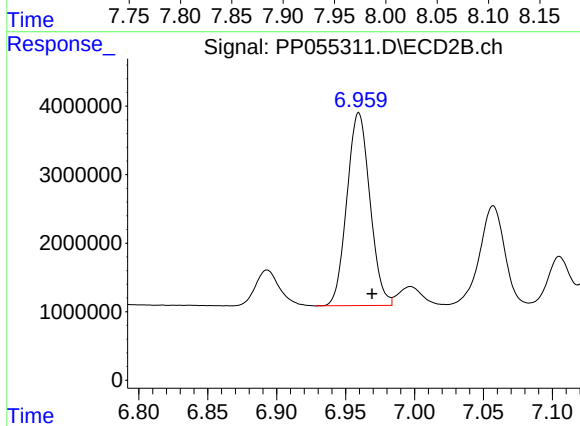
#33 AR-1260-3

R.T.: 6.486 min
Delta R.T.: -0.009 min
Response: 39498152
Conc: 465.17 ng/ml



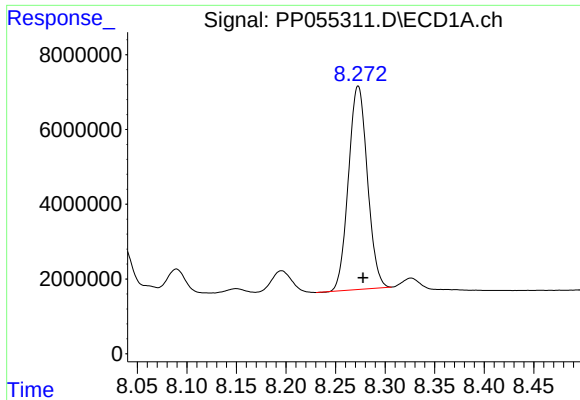
#34 AR-1260-4

R.T.: 7.956 min
Delta R.T.: -0.005 min
Response: 39513689
Conc: 407.04 ng/ml



#34 AR-1260-4

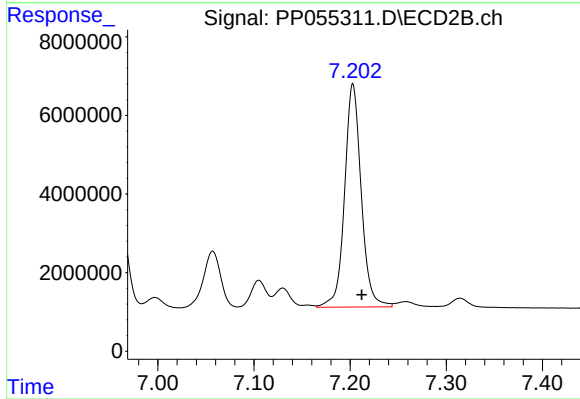
R.T.: 6.960 min
Delta R.T.: -0.010 min
Response: 32755296
Conc: 457.46 ng/ml



#35 AR-1260-5

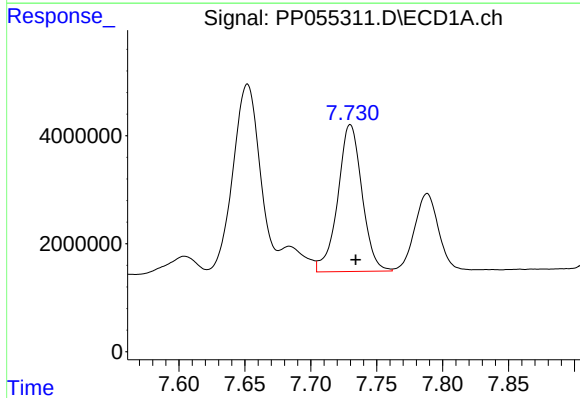
R.T.: 8.273 min
Delta R.T.: -0.005 min
Response: 72431110
Conc: 407.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



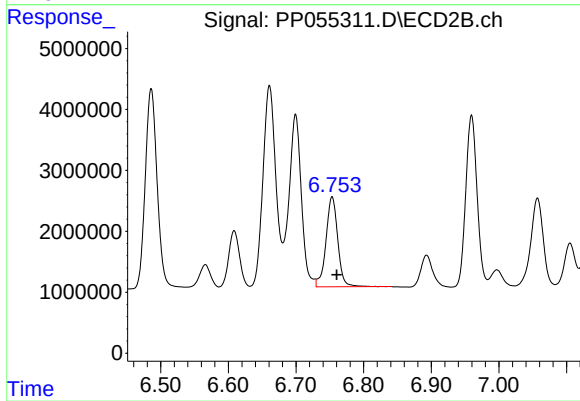
#35 AR-1260-5

R.T.: 7.203 min
Delta R.T.: -0.009 min
Response: 68378387
Conc: 444.78 ng/ml



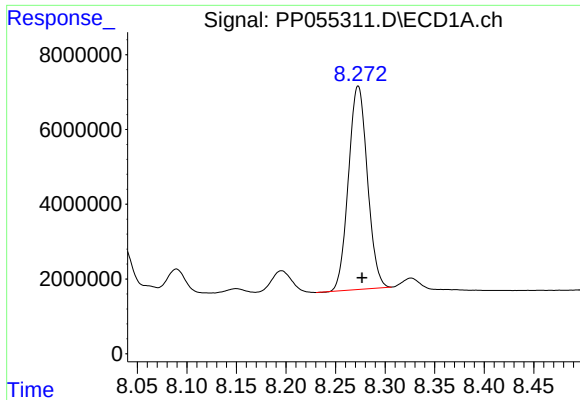
#36 AR-1262-1

R.T.: 7.730 min
Delta R.T.: -0.004 min
Response: 34767491
Conc: 294.68 ng/ml



#36 AR-1262-1

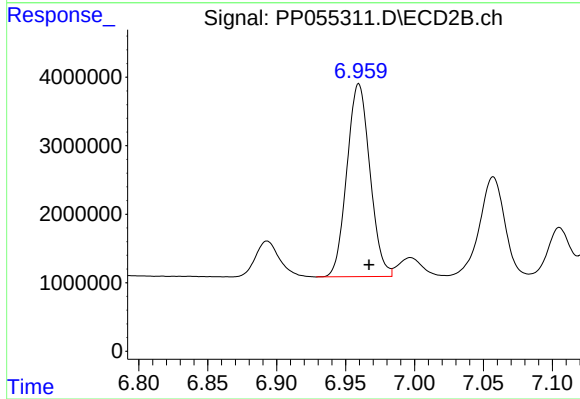
R.T.: 6.753 min
Delta R.T.: -0.007 min
Response: 17817853
Conc: 414.74 ng/ml



#37 AR-1262-2

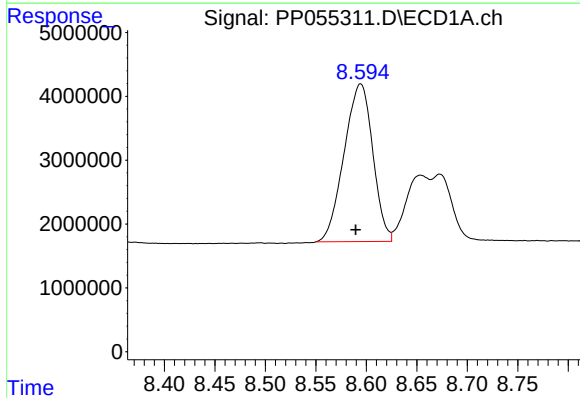
R.T.: 8.273 min
Delta R.T.: -0.004 min
Response: 72431110
Conc: 359.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



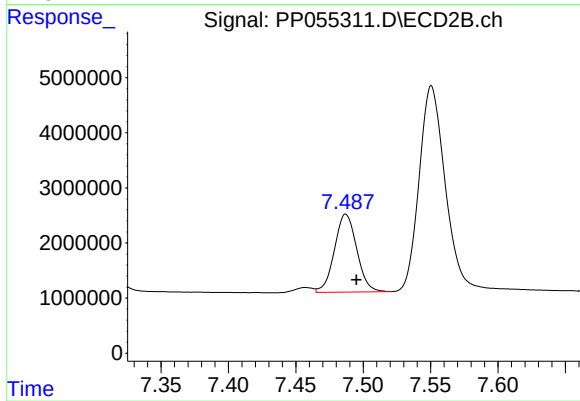
#37 AR-1262-2

R.T.: 6.960 min
Delta R.T.: -0.008 min
Response: 32755296
Conc: 353.64 ng/ml



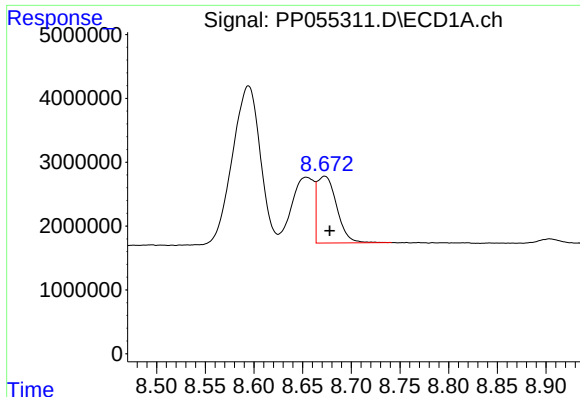
#38 AR-1262-3

R.T.: 8.594 min
Delta R.T.: 0.005 min
Response: 48819735
Conc: 351.04 ng/ml



#38 AR-1262-3

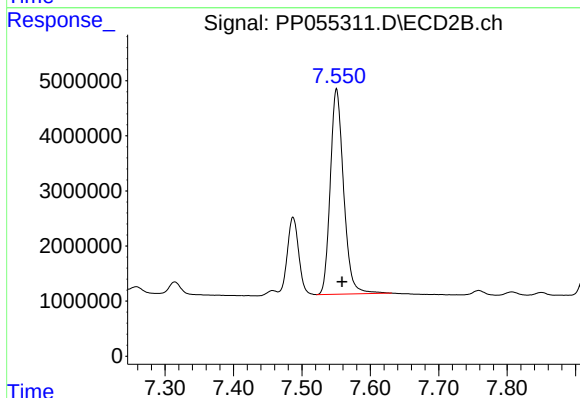
R.T.: 7.487 min
Delta R.T.: -0.008 min
Response: 16359832
Conc: 224.54 ng/ml



#39 AR-1262-4

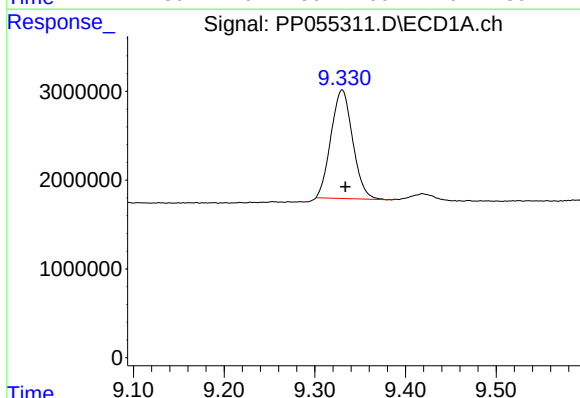
R.T.: 8.673 min
Delta R.T.: -0.005 min
Response: 14666167
Conc: 190.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



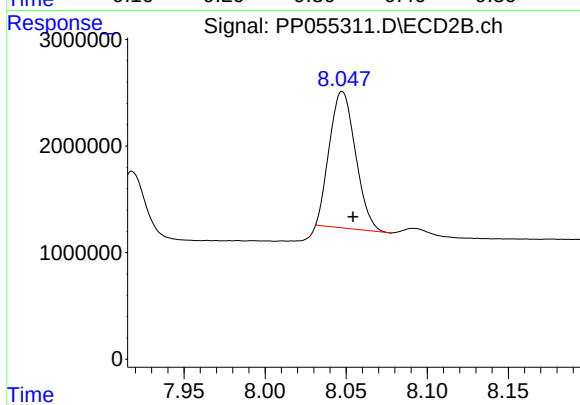
#39 AR-1262-4

R.T.: 7.551 min
Delta R.T.: -0.008 min
Response: 50429041
Conc: 385.60 ng/ml



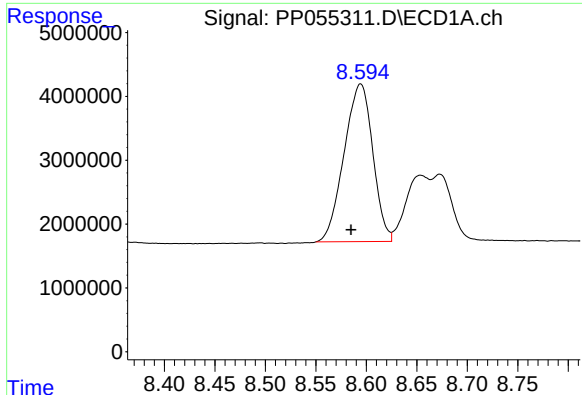
#40 AR-1262-5

R.T.: 9.330 min
Delta R.T.: -0.004 min
Response: 20341185
Conc: 284.41 ng/ml



#40 AR-1262-5

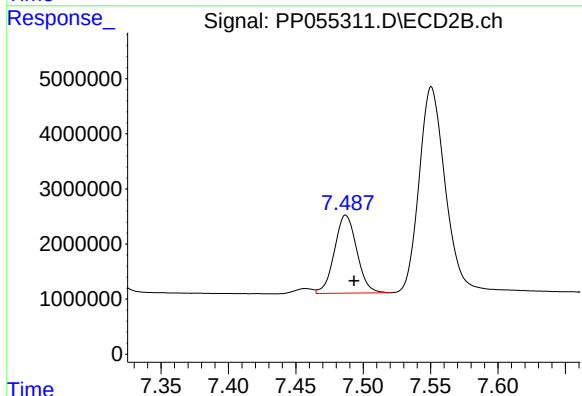
R.T.: 8.048 min
Delta R.T.: -0.007 min
Response: 14354852
Conc: 241.96 ng/ml



#41 AR-1268-1

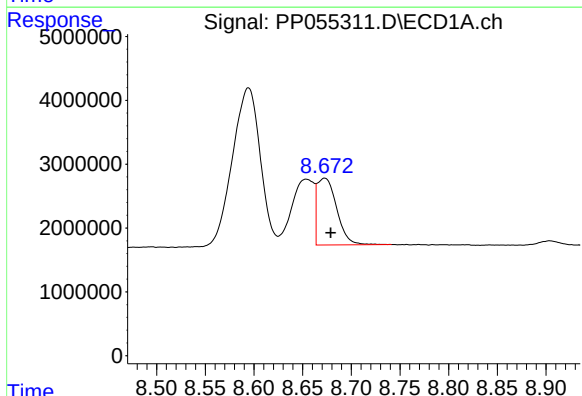
R.T.: 8.594 min
Delta R.T.: 0.009 min
Response: 48819735
Conc: 199.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



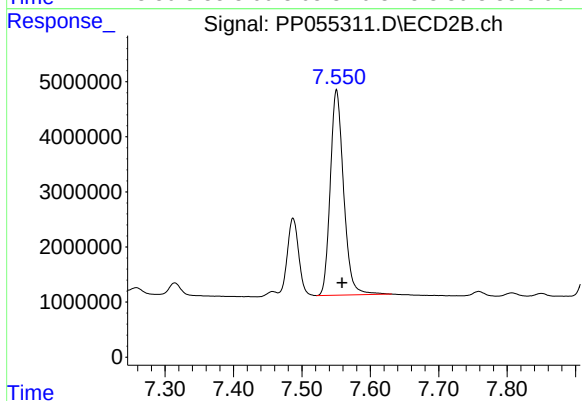
#41 AR-1268-1

R.T.: 7.487 min
Delta R.T.: -0.006 min
Response: 16359832
Conc: 75.66 ng/ml



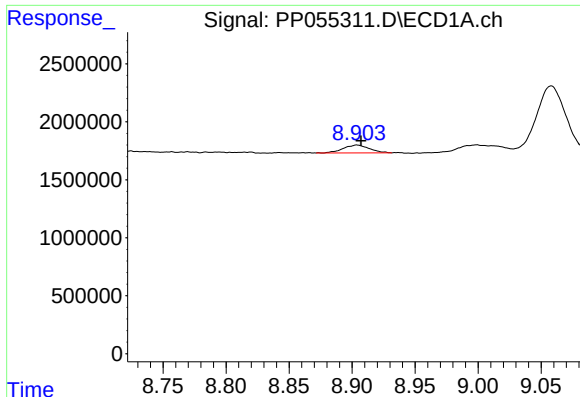
#42 AR-1268-2

R.T.: 8.673 min
Delta R.T.: -0.006 min
Response: 14666167
Conc: 64.57 ng/ml



#42 AR-1268-2

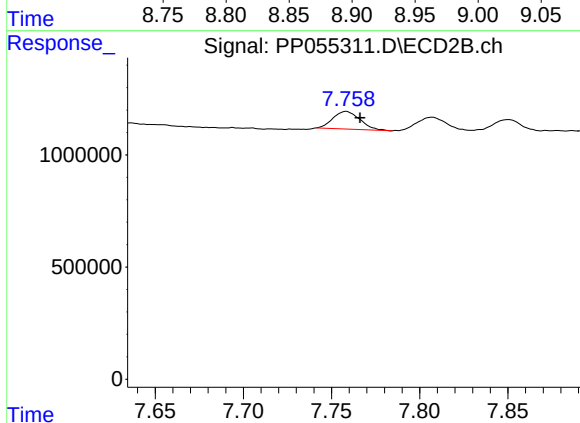
R.T.: 7.551 min
Delta R.T.: -0.008 min
Response: 50429041
Conc: 258.43 ng/ml



#43 AR-1268-3

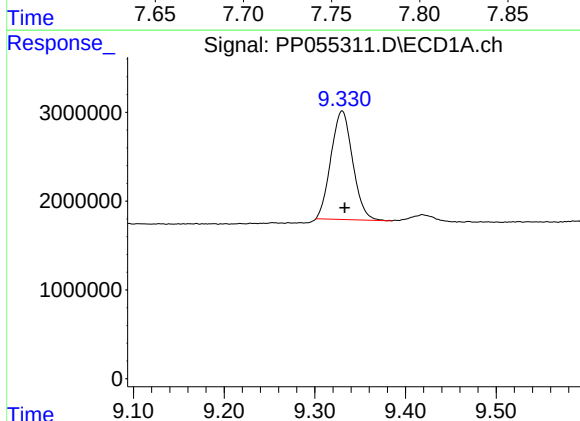
R.T.: 8.904 min
Delta R.T.: -0.003 min
Response: 962040
Conc: 4.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



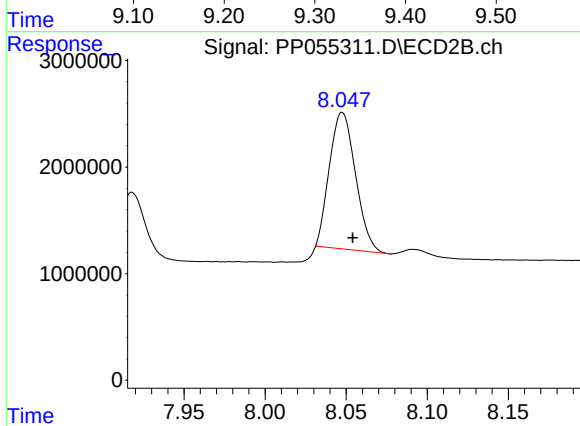
#43 AR-1268-3

R.T.: 7.758 min
Delta R.T.: -0.008 min
Response: 844784
Conc: 4.92 ng/ml



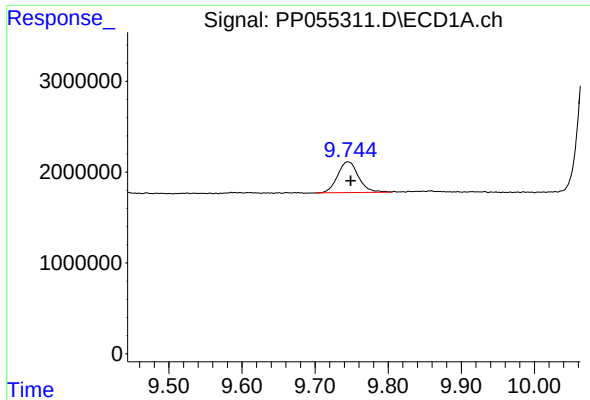
#44 AR-1268-4

R.T.: 9.330 min
Delta R.T.: -0.003 min
Response: 20341185
Conc: 258.97 ng/ml



#44 AR-1268-4

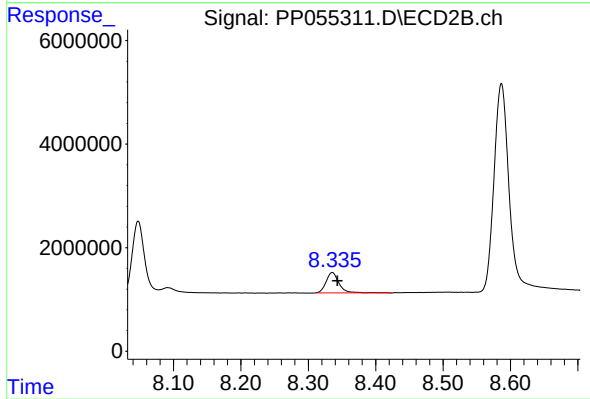
R.T.: 8.048 min
Delta R.T.: -0.006 min
Response: 14354852
Conc: 225.06 ng/ml



#45 AR-1268-5

R.T.: 9.745 min
Delta R.T.: -0.004 min
Response: 6718028
Conc: 10.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.336 min
Delta R.T.: -0.007 min
Response: 5241544
Conc: 9.95 ng/ml