

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072023\
 Data File : PP058790.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2023 10:56
 Operator : YP\AJ
 Sample : 03566-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 21:44:38 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...	4.424	3.665	20556235	44208778	14.069	20.688 #
2)	SA Decachlor...	10.220	8.714	25448832	44761724	28.495	24.640
Target Compounds							
3)	L1 AR-1016-1	5.601	4.762	22853177	32860806	532.678	504.225
4)	L1 AR-1016-2	5.623	4.781	31407779	45572795	519.172	488.656
5)	L1 AR-1016-3	5.686	4.958	20369031	23581492	525.695	481.414
6)	L1 AR-1016-4	5.785	5.001	16279795	20533554	525.458	476.961
7)	L1 AR-1016-5	6.082	5.215	17688509	24030272	558.977	433.997
8)	L2 AR-1221-1	4.632	3.883	9616309	4120639	510.081	160.430 #
9)	L2 AR-1221-2	4.720	3.969	2907699	4431562	208.276	229.756
10)	L2 AR-1221-3	4.800	4.045	19293575	17386763	471.858	289.664 #
11)	L3 AR-1232-1	4.800	4.045	19293575	17386763	586.495	355.408 #
12)	L3 AR-1232-2	5.331	4.781	18674775	45572795	1073.803	1069.465
13)	L3 AR-1232-3	5.623	4.958	31407779	23581492	1108.807	1053.500
14)	L3 AR-1232-4	5.785	5.043	16279795	23786080	1138.364	1086.783
15)	L3 AR-1232-5	5.876	5.215	13856603	24030272	1178.802	981.296
16)	L4 AR-1242-1	5.601	4.762	22853177	32860806	597.854	581.070
17)	L4 AR-1242-2	5.623	4.781	31407779	45572795	586.738	565.436
18)	L4 AR-1242-3	5.686	4.958	20369031	23581492	595.924	553.735
19)	L4 AR-1242-4	5.785	5.043	16279795	23786080	592.429	535.405
20)	L4 AR-1242-5	6.525	5.570	3063335	23346196	117.630	447.434 #
21)	L5 AR-1248-1	5.601	4.762	22853177	32860806	843.965	813.297
22)	L5 AR-1248-2	5.876	5.001	13856603	20533554	350.738	337.050
23)	L5 AR-1248-3	6.082	5.043	17688509	23786080	398.810	385.824
24)	L5 AR-1248-4	6.489	5.215	4178990	24030272	99.003	329.927 #
25)	L5 AR-1248-5	6.525	5.612	3063335	4095596	75.068	62.960
26)	L6 AR-1254-1	6.459	5.570	15169483	23346196	311.692	213.414 #
27)	L6 AR-1254-2	6.679	5.718	15229553	23167257	213.016	242.547
28)	L6 AR-1254-3	7.047	6.139	10569894	54859432	143.335	364.334 #
29)	L6 AR-1254-4	7.333	6.354	4761951	7106067	97.287	86.056
30)	L6 AR-1254-5	7.753	6.774	52312093	86999080	966.242	679.202 #
31)	L7 AR-1260-1	7.212	6.255	30077686	55304619	527.946	504.156
32)	L7 AR-1260-2	7.470	6.446	36537225	93596959	564.383	739.189 #
33)	L7 AR-1260-3	7.830	6.598	23237698	56841685	469.513	468.788
34)	L7 AR-1260-4	8.056	7.073	34919273	50426232	657.490	504.921
35)	L7 AR-1260-5	8.378	7.315	47019795	91181020	488.608	443.819
36)	L8 AR-1262-1	7.830	6.865	23237698	24707232	336.243	417.929
37)	L8 AR-1262-2	8.378	7.073	47019795	50426232	438.487	404.228
38)	L8 AR-1262-3	8.696	7.601	50511125	65834814	680.136	695.006
39)	L8 AR-1262-4	8.786	7.664	32607924	104.3E6	560.615	627.494
40)	L8 AR-1262-5	9.449	8.162	14334188	26482866	394.141	376.204
41)	L9 AR-1268-1	8.696	7.601	50511125	65834814	391.245	236.188 #

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 ALS Vial : 11 Sample Multiplier: 1

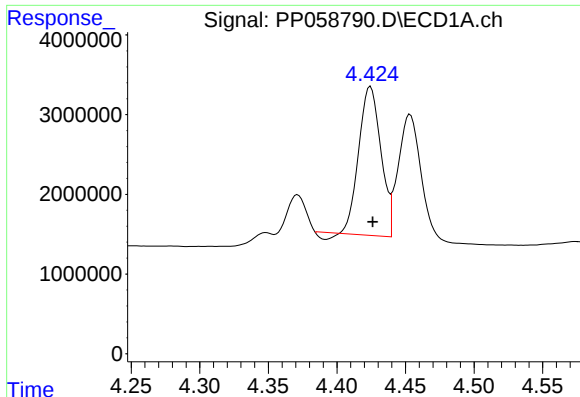
Instrument :
 ECD_D
 ClientSampleId :

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 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	8.786	7.664	32607924	104.3E6	277.491	422.364 #
43) L9	AR-1268-3	9.020	7.873	21194205	42472971	207.754	191.409
44) L9	AR-1268-4	9.449	8.162	14334188	26482866	372.178	339.001
45) L9	AR-1268-5	9.873	8.456	62129232	115.2E6	188.551	180.966

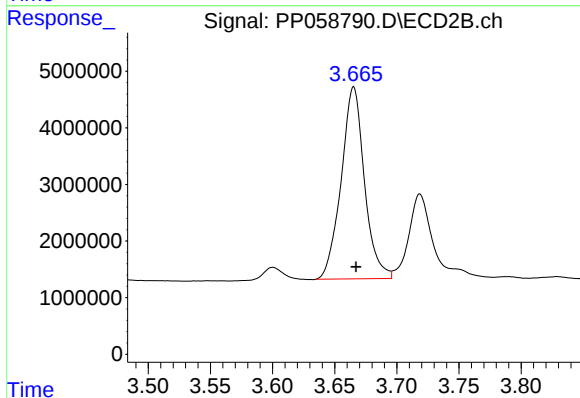
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

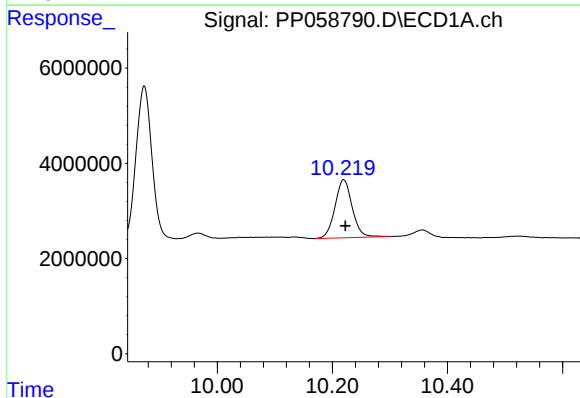
R.T.: 4.424 min
Delta R.T.: -0.002 min
Response: 20556235
Conc: 14.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



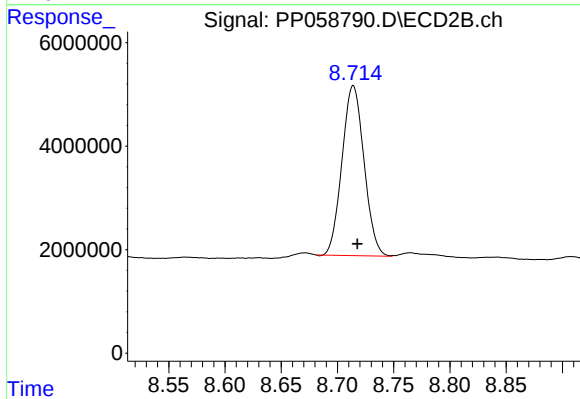
#1 Tetrachloro-m-xylene

R.T.: 3.665 min
Delta R.T.: -0.002 min
Response: 44208778
Conc: 20.69 ng/ml



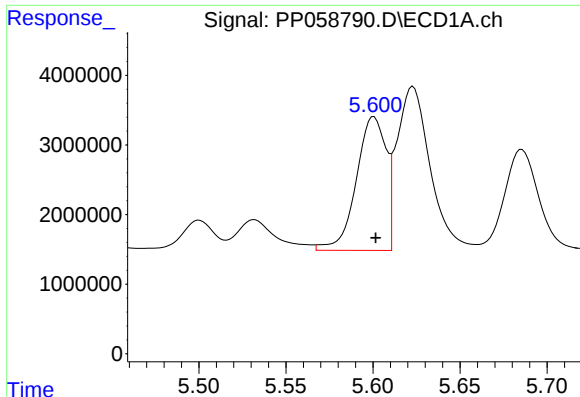
#2 Decachlorobiphenyl

R.T.: 10.220 min
Delta R.T.: -0.003 min
Response: 25448832
Conc: 28.50 ng/ml



#2 Decachlorobiphenyl

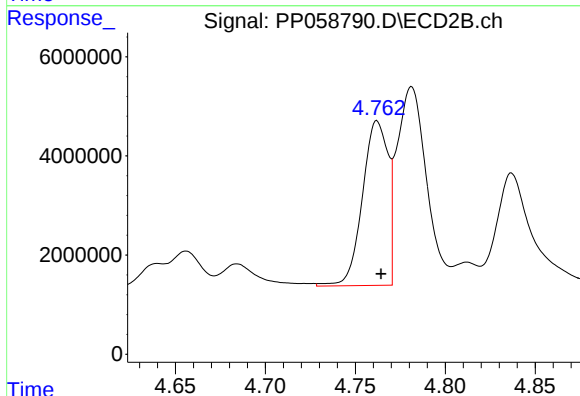
R.T.: 8.714 min
Delta R.T.: -0.004 min
Response: 44761724
Conc: 24.64 ng/ml



#3 AR-1016-1

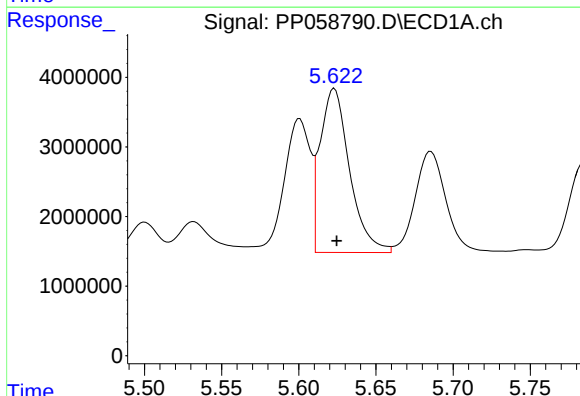
R.T.: 5.601 min
Delta R.T.: -0.001 min
Response: 22853177
Conc: 532.68 ng/ml

Instrument :
ECD_D
ClientSampleId :



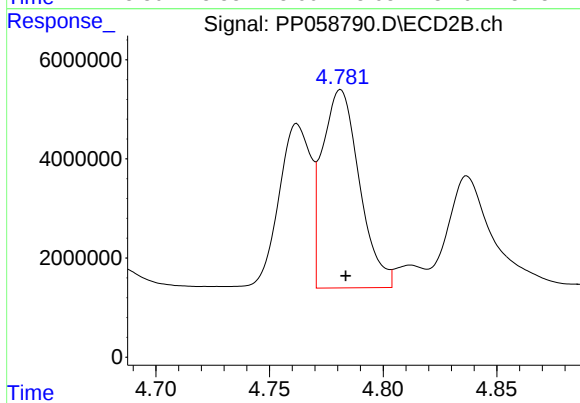
#3 AR-1016-1

R.T.: 4.762 min
Delta R.T.: -0.002 min
Response: 32860806
Conc: 504.22 ng/ml



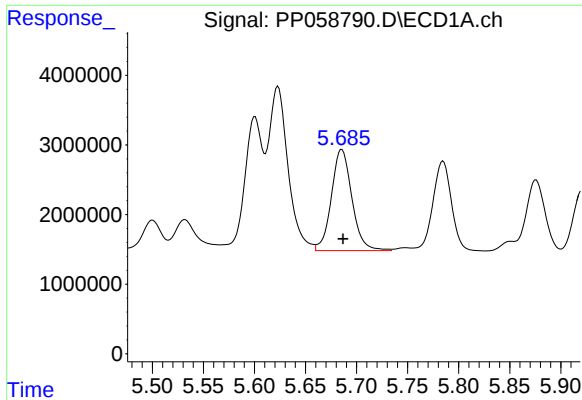
#4 AR-1016-2

R.T.: 5.623 min
Delta R.T.: -0.002 min
Response: 31407779
Conc: 519.17 ng/ml



#4 AR-1016-2

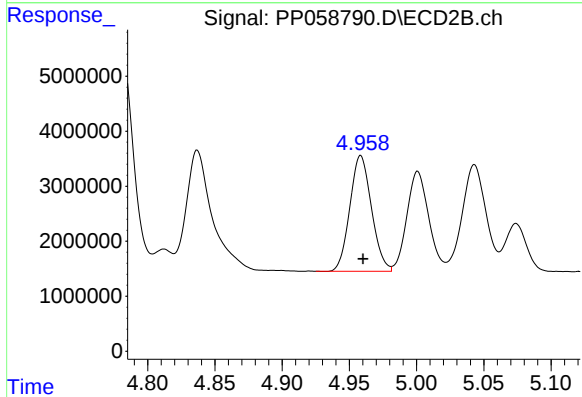
R.T.: 4.781 min
Delta R.T.: -0.002 min
Response: 45572795
Conc: 488.66 ng/ml



#5 AR-1016-3

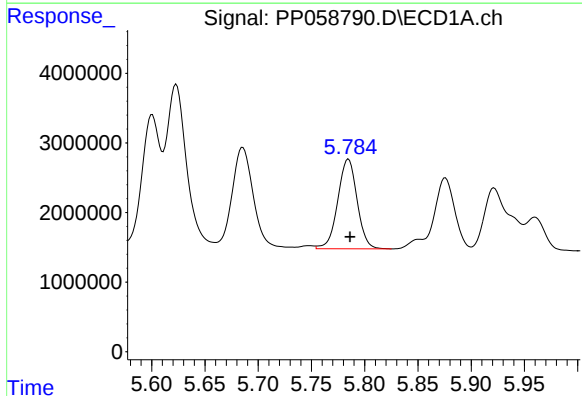
R.T.: 5.686 min
Delta R.T.: -0.001 min
Response: 20369031
Conc: 525.69 ng/ml

Instrument :
ECD_D
ClientSampleId :



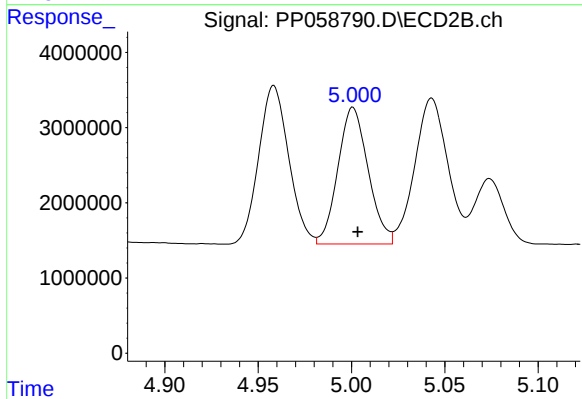
#5 AR-1016-3

R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 23581492
Conc: 481.41 ng/ml



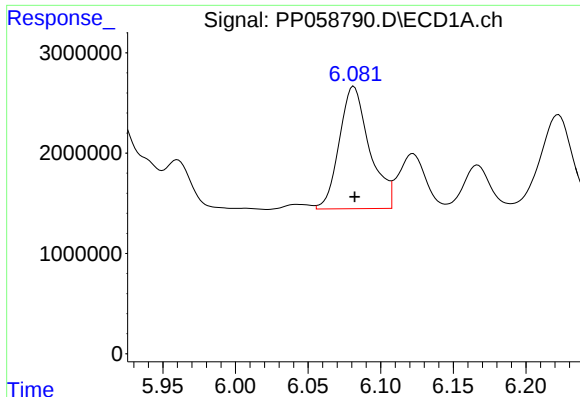
#6 AR-1016-4

R.T.: 5.785 min
Delta R.T.: -0.001 min
Response: 16279795
Conc: 525.46 ng/ml



#6 AR-1016-4

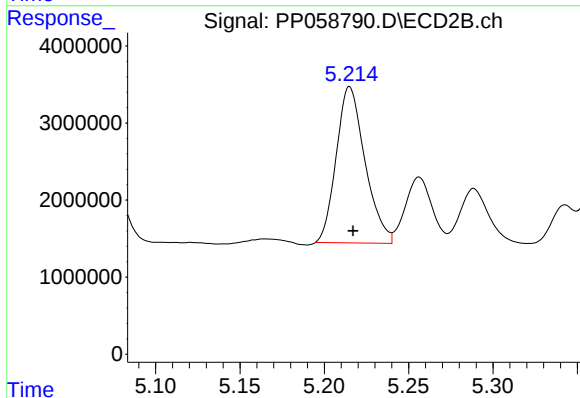
R.T.: 5.001 min
Delta R.T.: -0.003 min
Response: 20533554
Conc: 476.96 ng/ml



#7 AR-1016-5

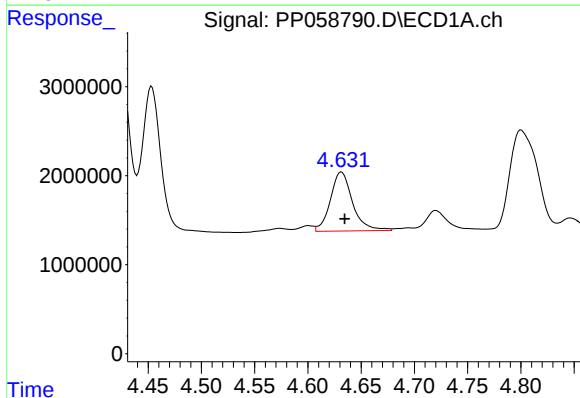
R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 17688509
Conc: 558.98 ng/ml

Instrument :
ECD_D
ClientSampleId :



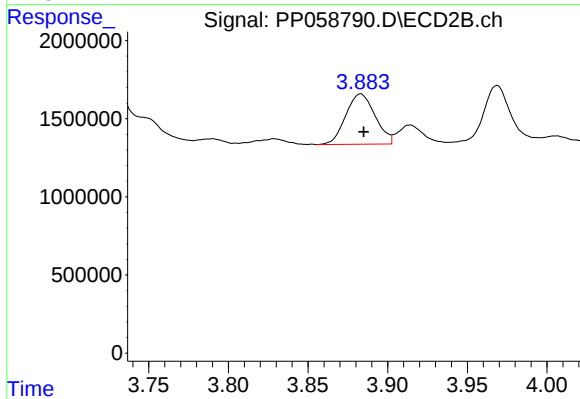
#7 AR-1016-5

R.T.: 5.215 min
Delta R.T.: -0.002 min
Response: 24030272
Conc: 434.00 ng/ml



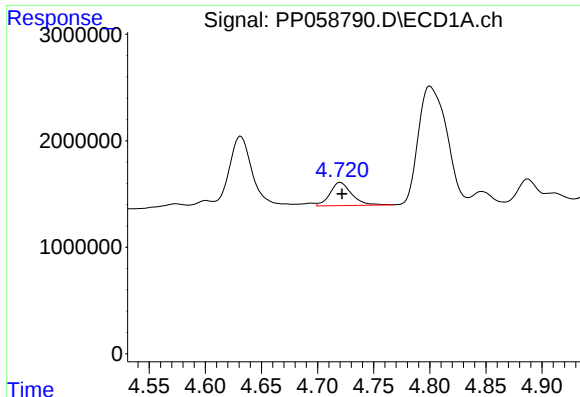
#8 AR-1221-1

R.T.: 4.632 min
Delta R.T.: -0.003 min
Response: 9616309
Conc: 510.08 ng/ml



#8 AR-1221-1

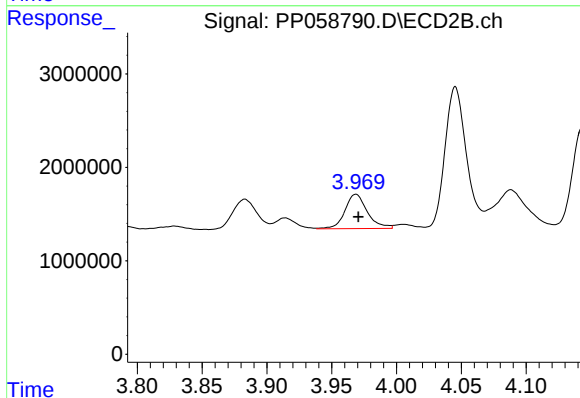
R.T.: 3.883 min
Delta R.T.: -0.002 min
Response: 4120639
Conc: 160.43 ng/ml



#9 AR-1221-2

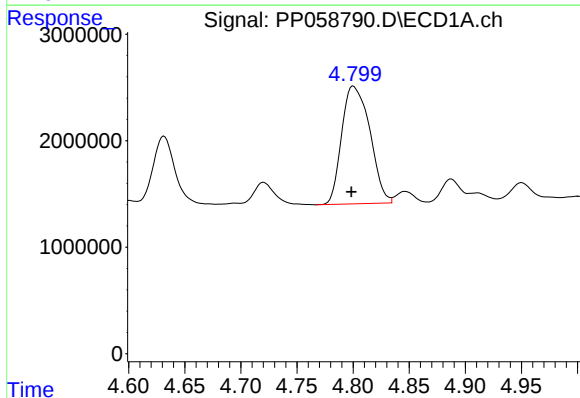
R.T.: 4.720 min
Delta R.T.: -0.001 min
Response: 2907699
Conc: 208.28 ng/ml

Instrument :
ECD_D
ClientSampleId :



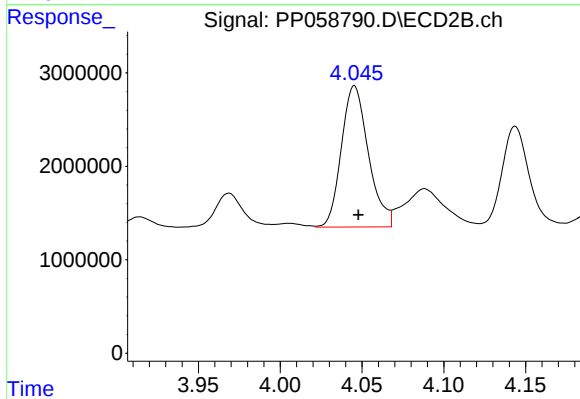
#9 AR-1221-2

R.T.: 3.969 min
Delta R.T.: -0.002 min
Response: 4431562
Conc: 229.76 ng/ml



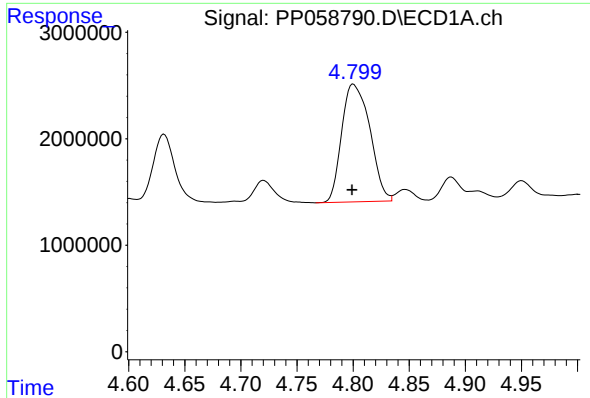
#10 AR-1221-3

R.T.: 4.800 min
Delta R.T.: 0.002 min
Response: 19293575
Conc: 471.86 ng/ml



#10 AR-1221-3

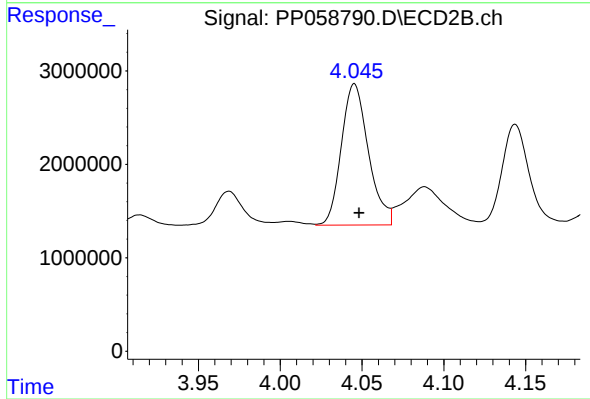
R.T.: 4.045 min
Delta R.T.: -0.002 min
Response: 17386763
Conc: 289.66 ng/ml



#11 AR-1232-1

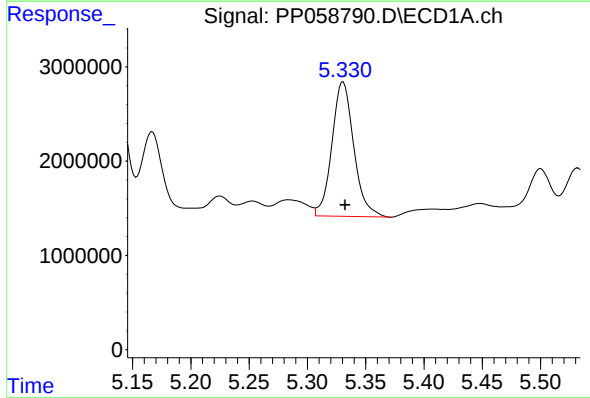
R.T.: 4.800 min
Delta R.T.: 0.001 min
Response: 19293575
Conc: 586.50 ng/ml

Instrument :
ECD_D
ClientSampleId :



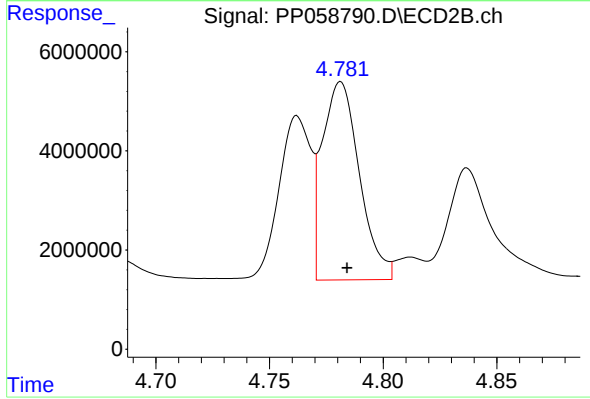
#11 AR-1232-1

R.T.: 4.045 min
Delta R.T.: -0.003 min
Response: 17386763
Conc: 355.41 ng/ml



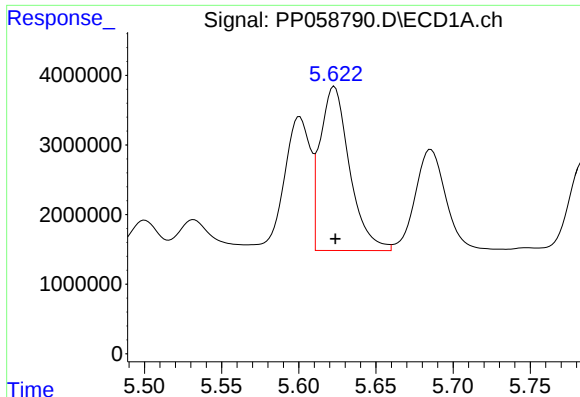
#12 AR-1232-2

R.T.: 5.331 min
Delta R.T.: -0.002 min
Response: 18674775
Conc: 1073.80 ng/ml



#12 AR-1232-2

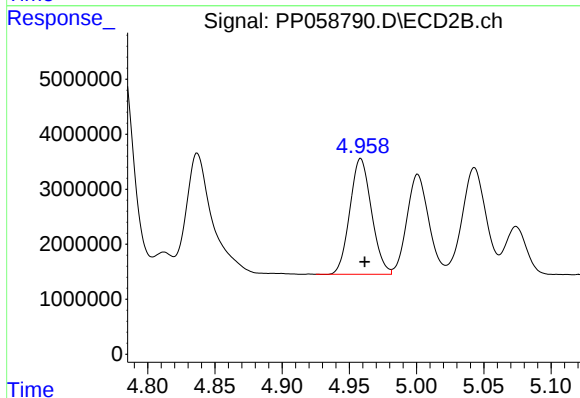
R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 45572795
Conc: 1069.46 ng/ml



#13 AR-1232-3

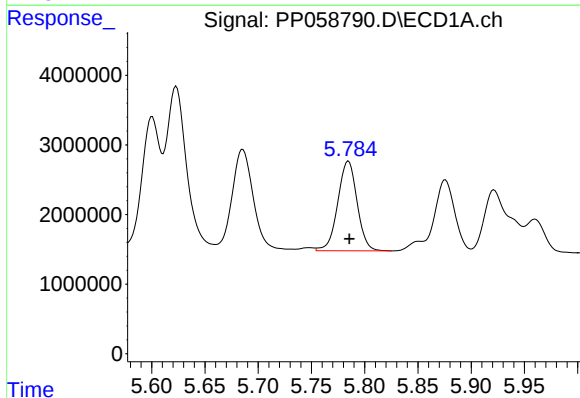
R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 31407779
Conc: 1108.81 ng/ml

Instrument :
ECD_D
ClientSampleId :



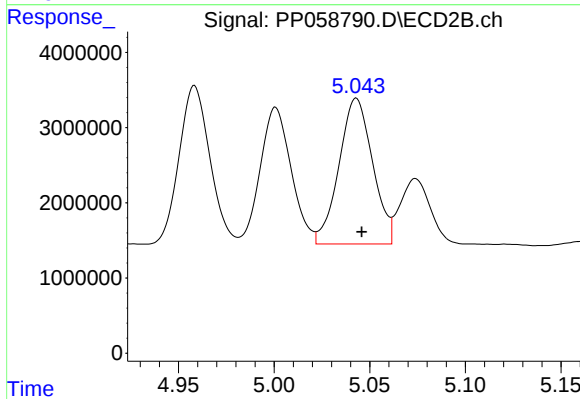
#13 AR-1232-3

R.T.: 4.958 min
Delta R.T.: -0.003 min
Response: 23581492
Conc: 1053.50 ng/ml



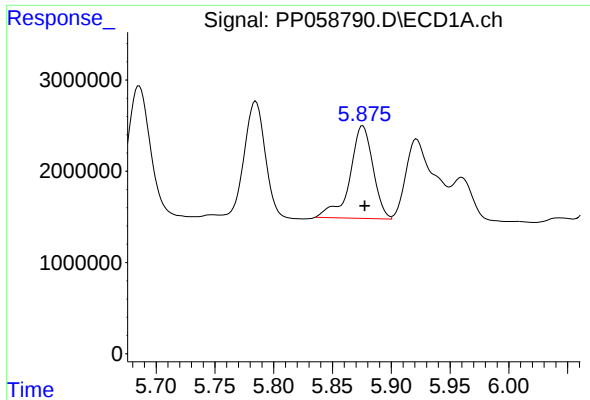
#14 AR-1232-4

R.T.: 5.785 min
Delta R.T.: -0.001 min
Response: 16279795
Conc: 1138.36 ng/ml



#14 AR-1232-4

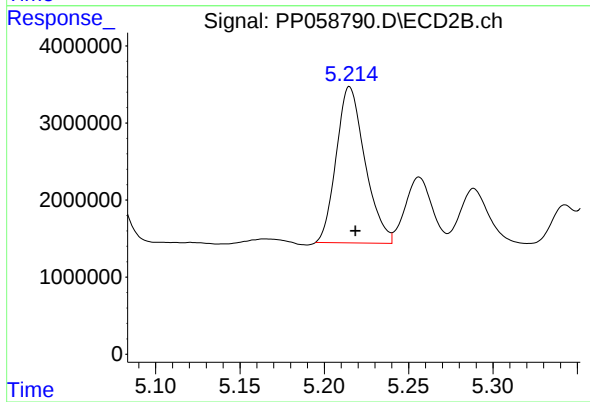
R.T.: 5.043 min
Delta R.T.: -0.003 min
Response: 23786080
Conc: 1086.78 ng/ml



#15 AR-1232-5

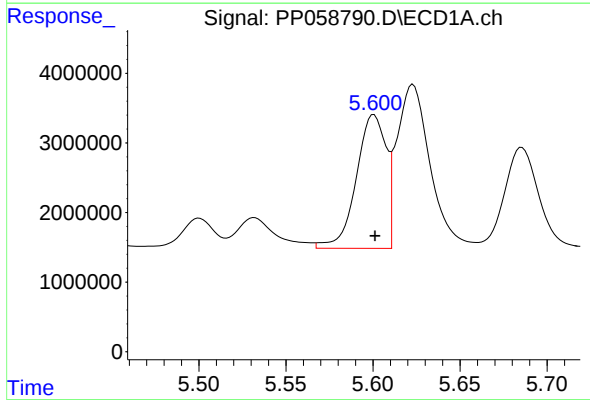
R.T.: 5.876 min
Delta R.T.: -0.002 min
Response: 13856603
Conc: 1178.80 ng/ml

Instrument :
ECD_D
ClientSampleId :



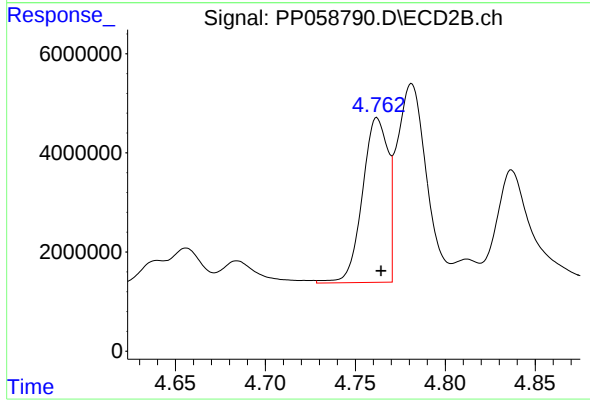
#15 AR-1232-5

R.T.: 5.215 min
Delta R.T.: -0.003 min
Response: 24030272
Conc: 981.30 ng/ml



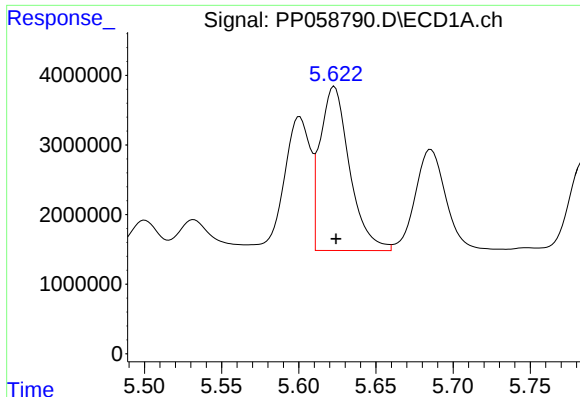
#16 AR-1242-1

R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 22853177
Conc: 597.85 ng/ml



#16 AR-1242-1

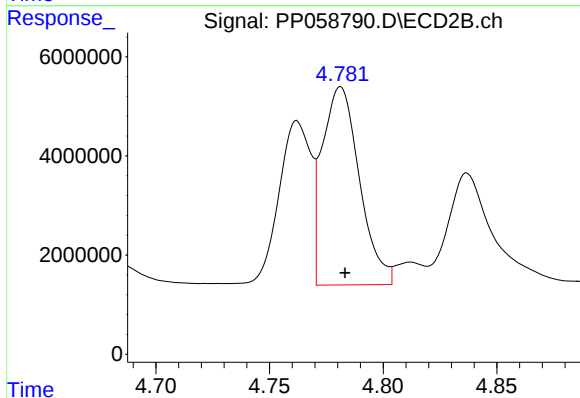
R.T.: 4.762 min
Delta R.T.: -0.002 min
Response: 32860806
Conc: 581.07 ng/ml



#17 AR-1242-2

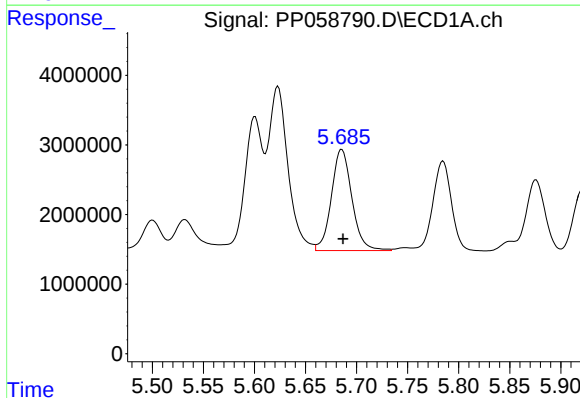
R.T.: 5.623 min
Delta R.T.: -0.001 min
Response: 31407779
Conc: 586.74 ng/ml

Instrument :
ECD_D
ClientSampleId :



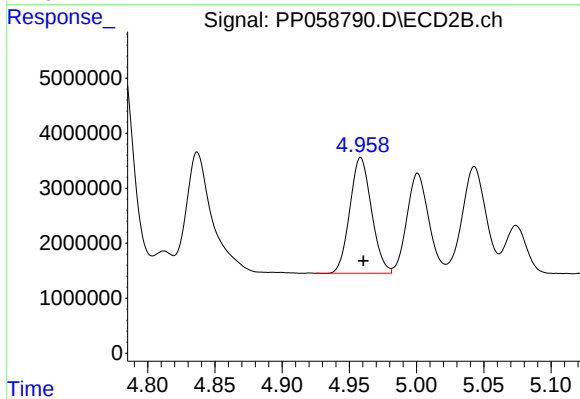
#17 AR-1242-2

R.T.: 4.781 min
Delta R.T.: -0.002 min
Response: 45572795
Conc: 565.44 ng/ml



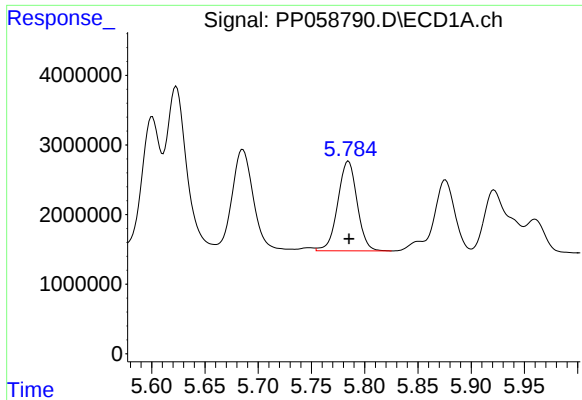
#18 AR-1242-3

R.T.: 5.686 min
Delta R.T.: -0.001 min
Response: 20369031
Conc: 595.92 ng/ml



#18 AR-1242-3

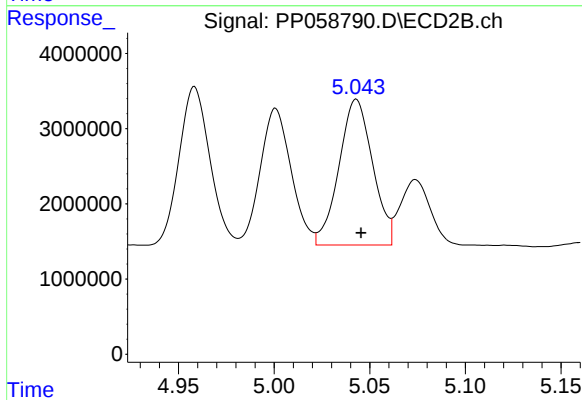
R.T.: 4.958 min
Delta R.T.: -0.002 min
Response: 23581492
Conc: 553.74 ng/ml



#19 AR-1242-4

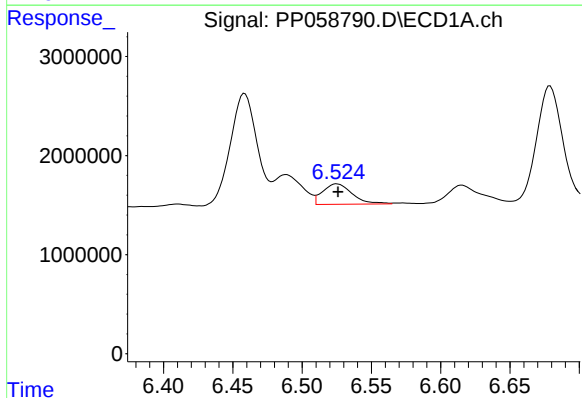
R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 16279795
Conc: 592.43 ng/ml

Instrument :
ECD_D
ClientSampleId :



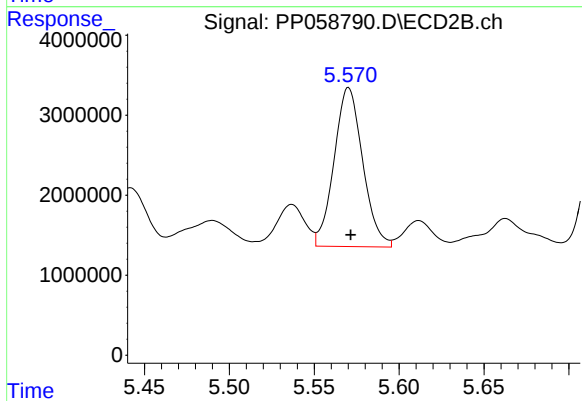
#19 AR-1242-4

R.T.: 5.043 min
Delta R.T.: -0.003 min
Response: 23786080
Conc: 535.40 ng/ml



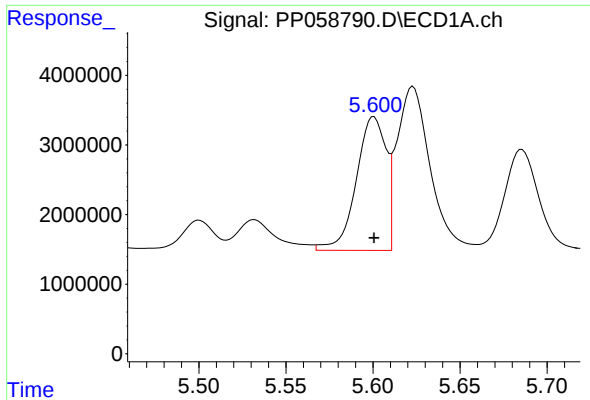
#20 AR-1242-5

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 3063335
Conc: 117.63 ng/ml



#20 AR-1242-5

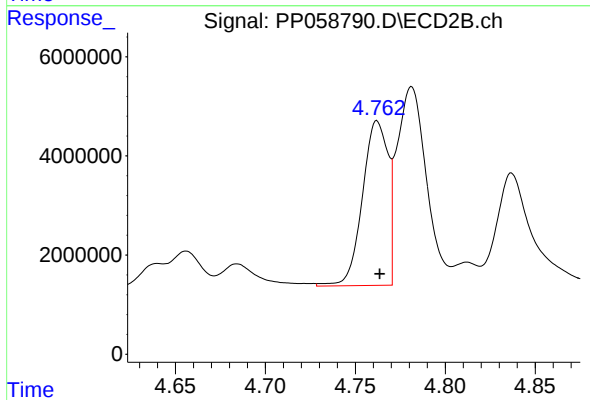
R.T.: 5.570 min
Delta R.T.: -0.001 min
Response: 23346196
Conc: 447.43 ng/ml



#21 AR-1248-1

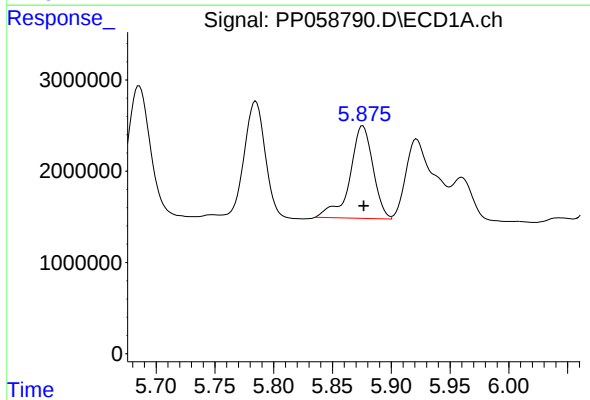
R.T.: 5.601 min
Delta R.T.: 0.000 min
Response: 22853177
Conc: 843.97 ng/ml

Instrument :
ECD_D
ClientSampleId :



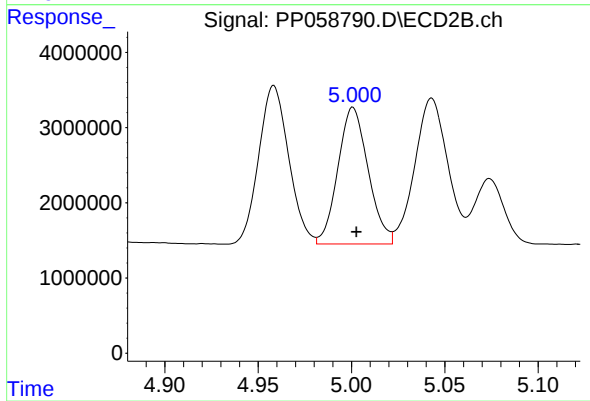
#21 AR-1248-1

R.T.: 4.762 min
Delta R.T.: -0.001 min
Response: 32860806
Conc: 813.30 ng/ml



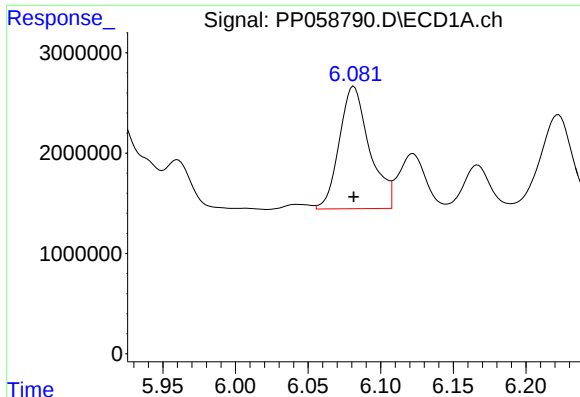
#22 AR-1248-2

R.T.: 5.876 min
Delta R.T.: 0.000 min
Response: 13856603
Conc: 350.74 ng/ml



#22 AR-1248-2

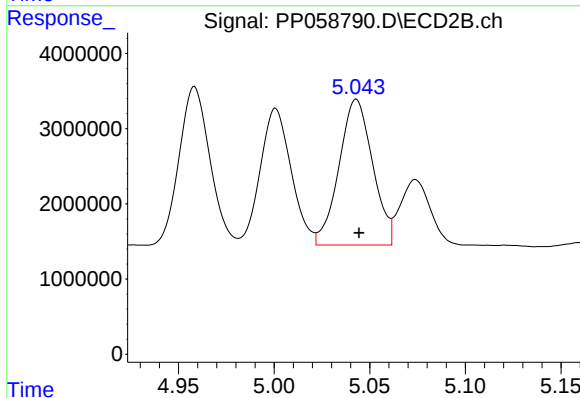
R.T.: 5.001 min
Delta R.T.: -0.002 min
Response: 20533554
Conc: 337.05 ng/ml



#23 AR-1248-3

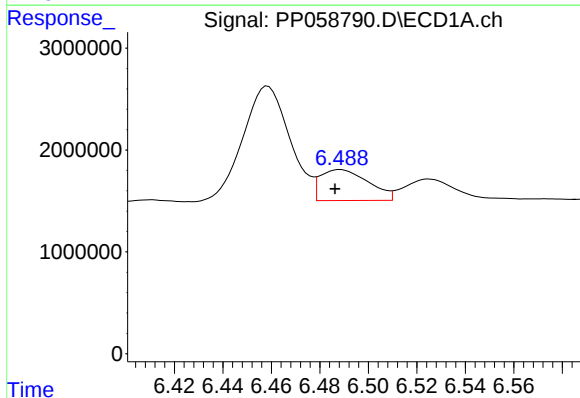
R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 17688509
Conc: 398.81 ng/ml

Instrument :
ECD_D
ClientSampleId :



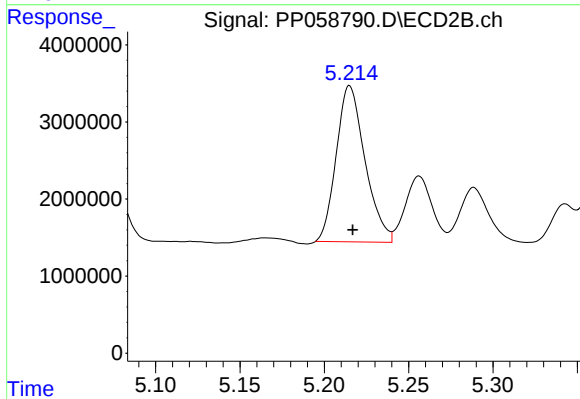
#23 AR-1248-3

R.T.: 5.043 min
Delta R.T.: -0.001 min
Response: 23786080
Conc: 385.82 ng/ml



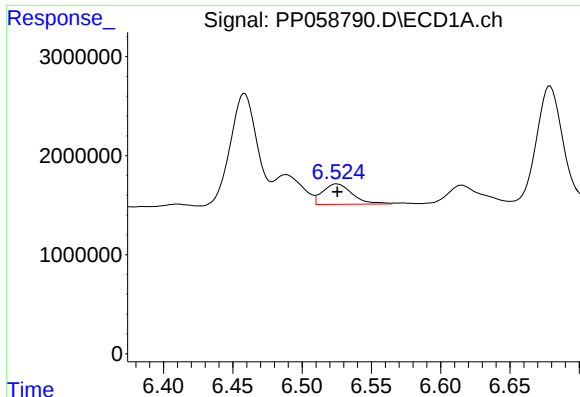
#24 AR-1248-4

R.T.: 6.489 min
Delta R.T.: 0.002 min
Response: 4178990
Conc: 99.00 ng/ml



#24 AR-1248-4

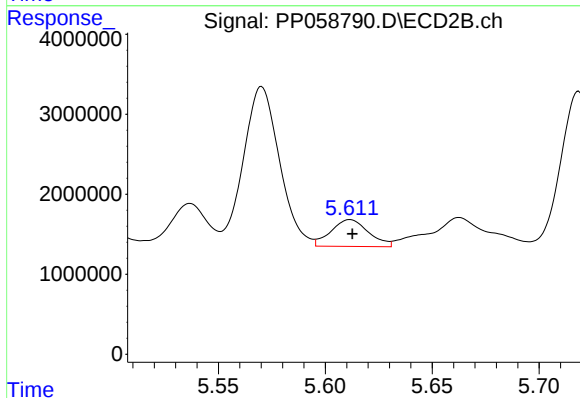
R.T.: 5.215 min
Delta R.T.: -0.002 min
Response: 24030272
Conc: 329.93 ng/ml



#25 AR-1248-5

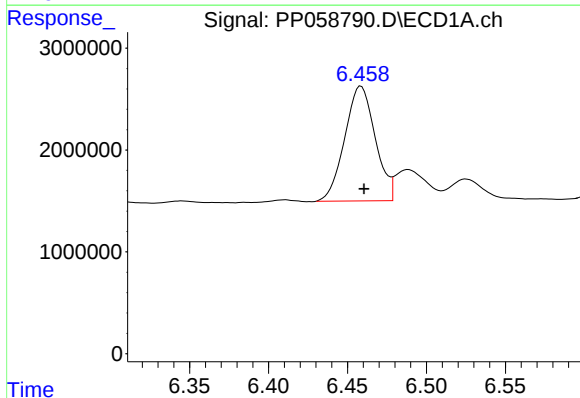
R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 3063335
Conc: 75.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



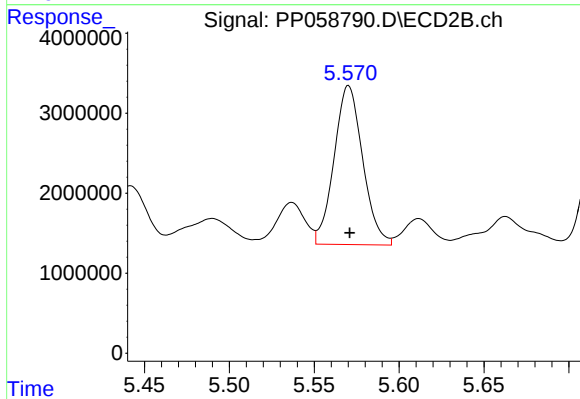
#25 AR-1248-5

R.T.: 5.612 min
Delta R.T.: -0.001 min
Response: 4095596
Conc: 62.96 ng/ml



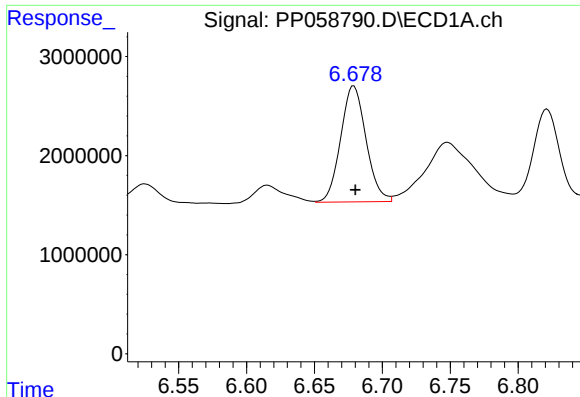
#26 AR-1254-1

R.T.: 6.459 min
Delta R.T.: -0.002 min
Response: 15169483
Conc: 311.69 ng/ml



#26 AR-1254-1

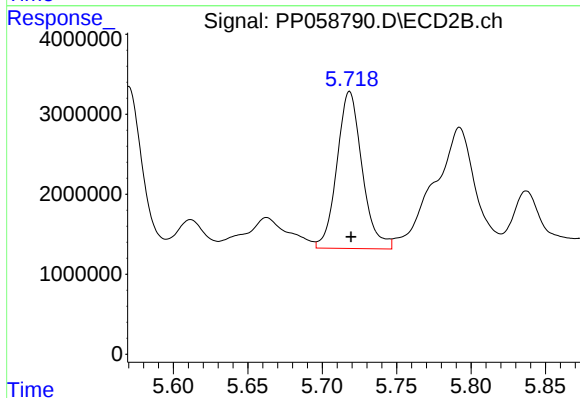
R.T.: 5.570 min
Delta R.T.: 0.000 min
Response: 23346196
Conc: 213.41 ng/ml



#27 AR-1254-2

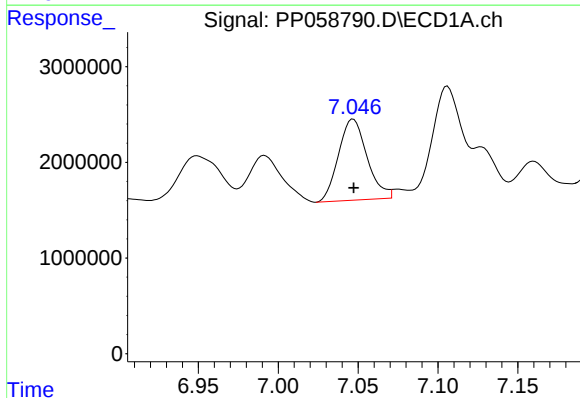
R.T.: 6.679 min
Delta R.T.: -0.001 min
Response: 15229553
Conc: 213.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



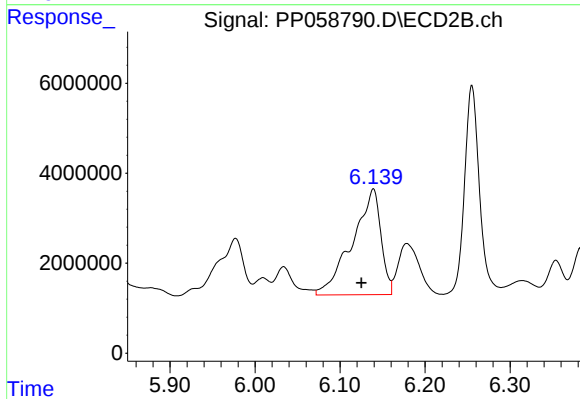
#27 AR-1254-2

R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 23167257
Conc: 242.55 ng/ml



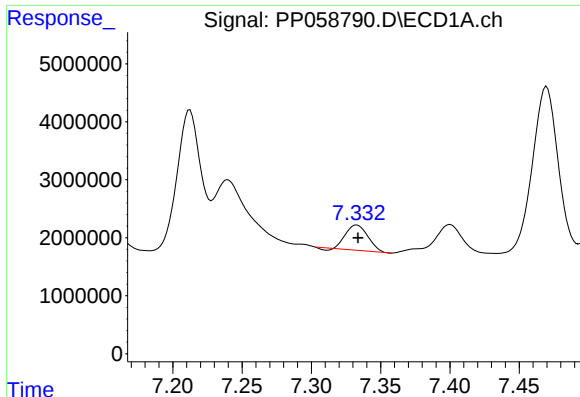
#28 AR-1254-3

R.T.: 7.047 min
Delta R.T.: 0.000 min
Response: 10569894
Conc: 143.33 ng/ml



#28 AR-1254-3

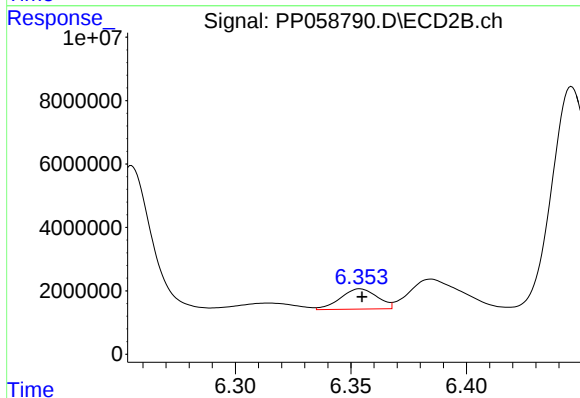
R.T.: 6.139 min
Delta R.T.: 0.014 min
Response: 54859432
Conc: 364.33 ng/ml



#29 AR-1254-4

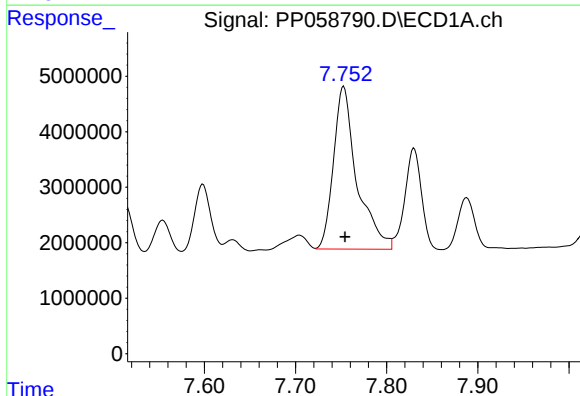
R.T.: 7.333 min
Delta R.T.: -0.001 min
Response: 4761951
Conc: 97.29 ng/ml

Instrument :
ECD_D
ClientSampleId :



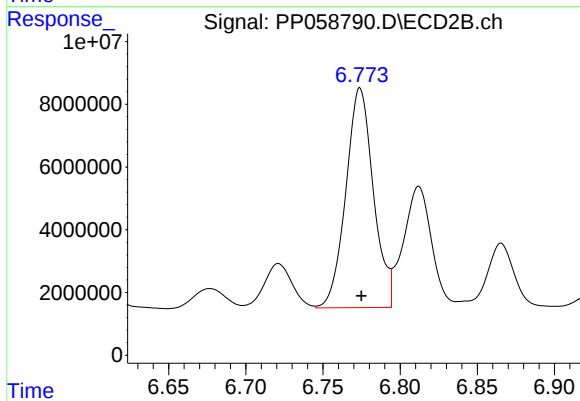
#29 AR-1254-4

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 7106067
Conc: 86.06 ng/ml



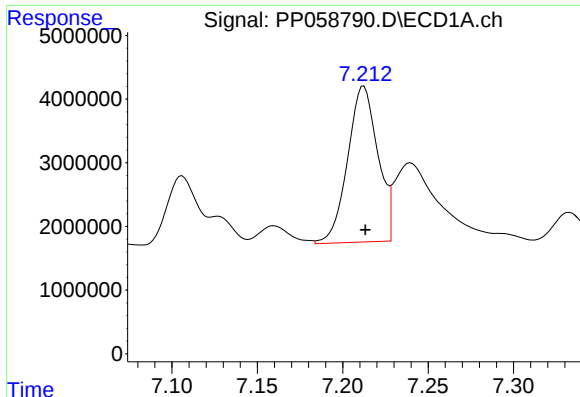
#30 AR-1254-5

R.T.: 7.753 min
Delta R.T.: -0.002 min
Response: 52312093
Conc: 966.24 ng/ml



#30 AR-1254-5

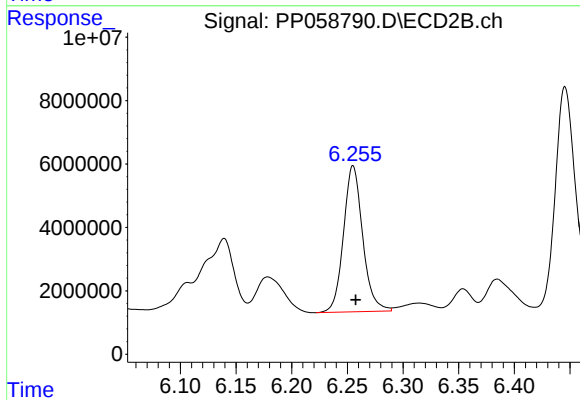
R.T.: 6.774 min
Delta R.T.: -0.001 min
Response: 86999080
Conc: 679.20 ng/ml



#31 AR-1260-1

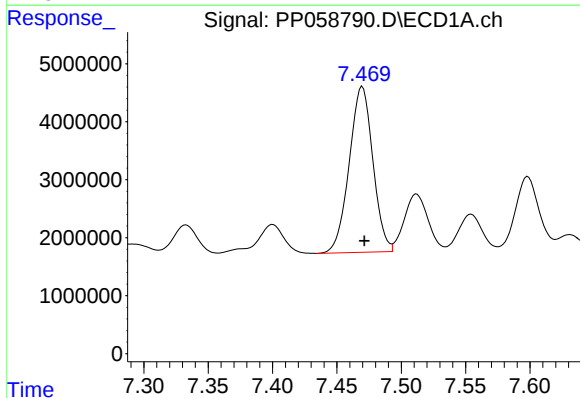
R.T.: 7.212 min
Delta R.T.: 0.000 min
Response: 30077686
Conc: 527.95 ng/ml

Instrument :
ECD_D
ClientSampleId :



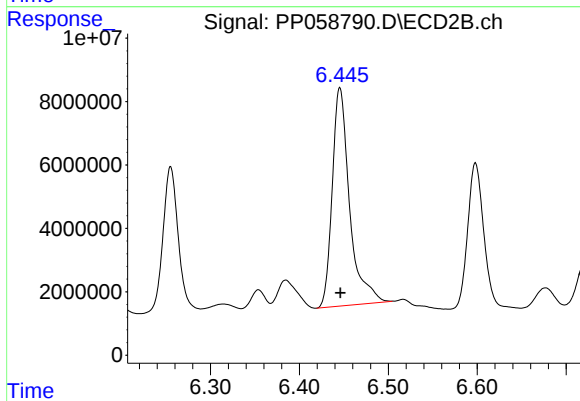
#31 AR-1260-1

R.T.: 6.255 min
Delta R.T.: -0.002 min
Response: 55304619
Conc: 504.16 ng/ml



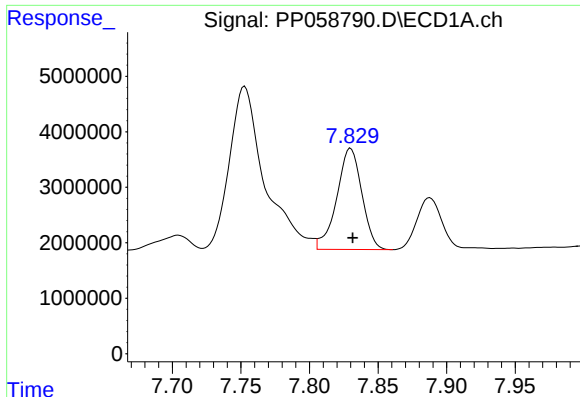
#32 AR-1260-2

R.T.: 7.470 min
Delta R.T.: -0.002 min
Response: 36537225
Conc: 564.38 ng/ml



#32 AR-1260-2

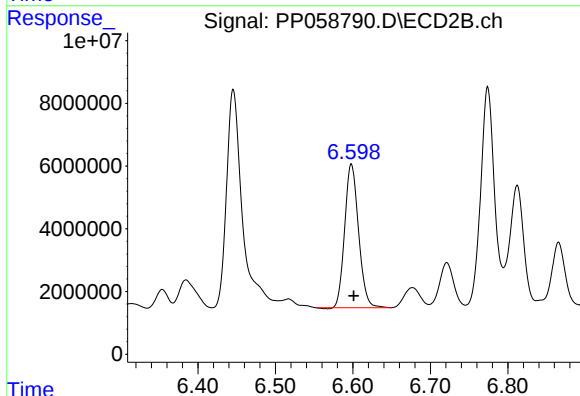
R.T.: 6.446 min
Delta R.T.: 0.000 min
Response: 93596959
Conc: 739.19 ng/ml



#33 AR-1260-3

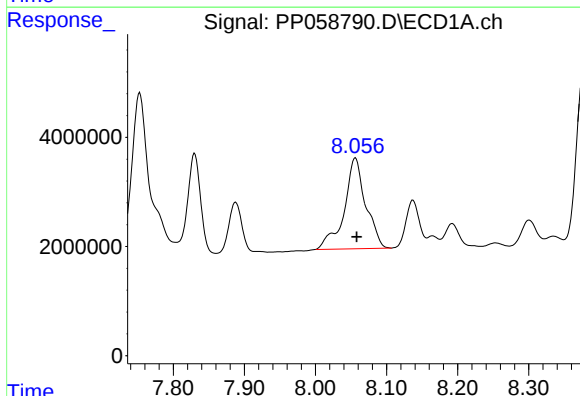
R.T.: 7.830 min
Delta R.T.: -0.001 min
Response: 23237698
Conc: 469.51 ng/ml

Instrument :
ECD_D
ClientSampleId :



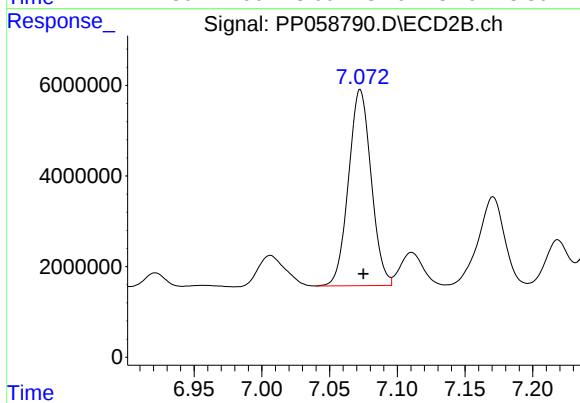
#33 AR-1260-3

R.T.: 6.598 min
Delta R.T.: -0.003 min
Response: 56841685
Conc: 468.79 ng/ml



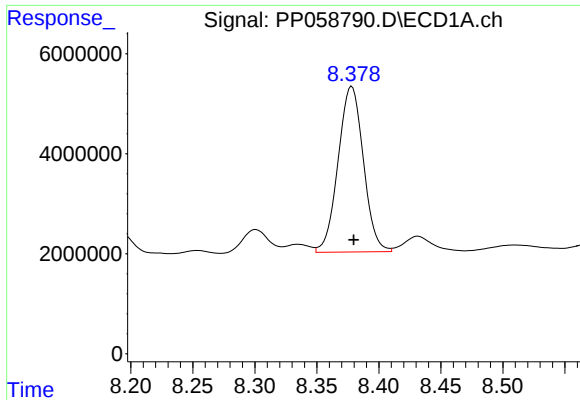
#34 AR-1260-4

R.T.: 8.056 min
Delta R.T.: -0.002 min
Response: 34919273
Conc: 657.49 ng/ml



#34 AR-1260-4

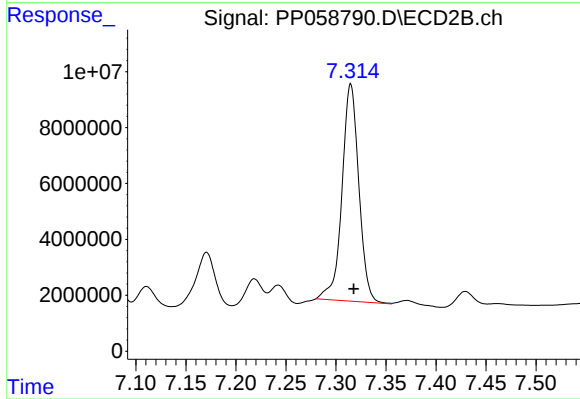
R.T.: 7.073 min
Delta R.T.: -0.002 min
Response: 50426232
Conc: 504.92 ng/ml



#35 AR-1260-5

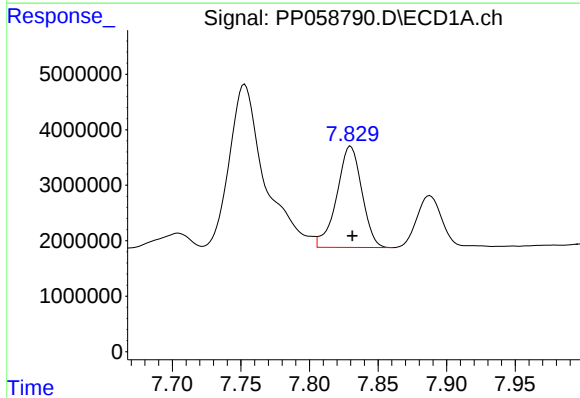
R.T.: 8.378 min
Delta R.T.: -0.002 min
Response: 47019795
Conc: 488.61 ng/ml

Instrument :
ECD_D
ClientSampleId :



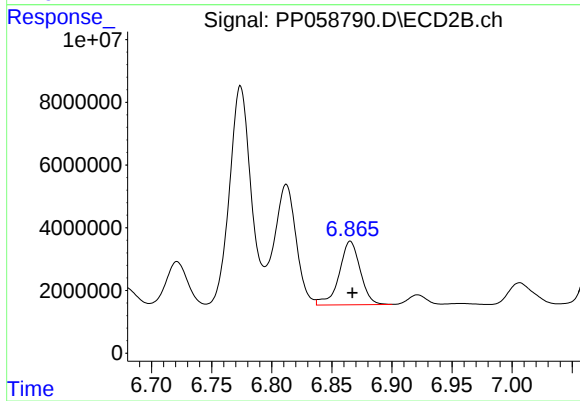
#35 AR-1260-5

R.T.: 7.315 min
Delta R.T.: -0.003 min
Response: 91181020
Conc: 443.82 ng/ml



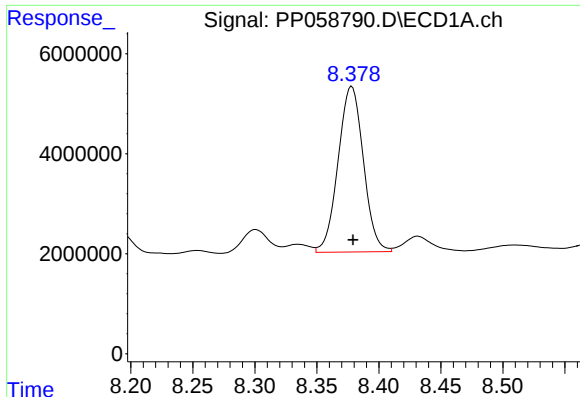
#36 AR-1262-1

R.T.: 7.830 min
Delta R.T.: -0.001 min
Response: 23237698
Conc: 336.24 ng/ml



#36 AR-1262-1

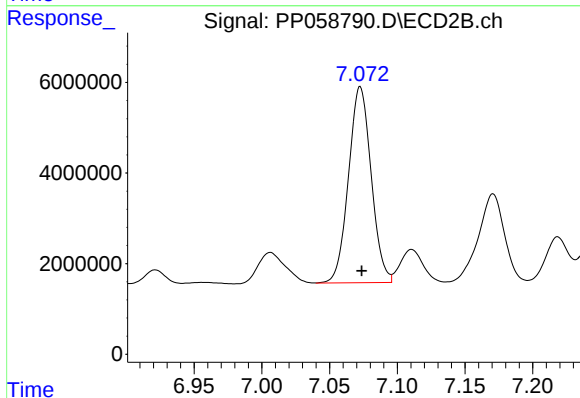
R.T.: 6.865 min
Delta R.T.: -0.002 min
Response: 24707232
Conc: 417.93 ng/ml



#37 AR-1262-2

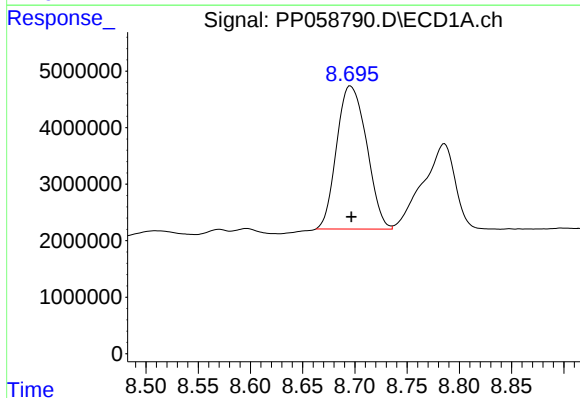
R.T.: 8.378 min
Delta R.T.: 0.000 min
Response: 47019795
Conc: 438.49 ng/ml

Instrument :
ECD_D
ClientSampleId :



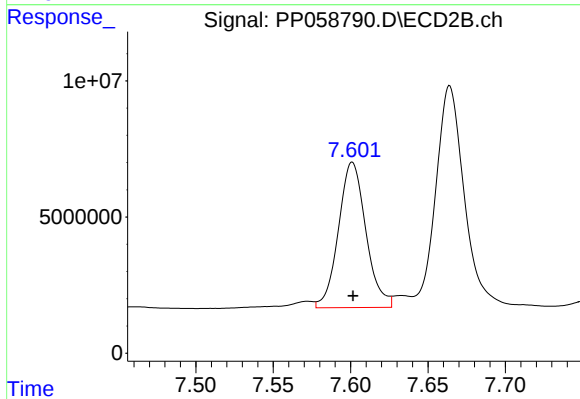
#37 AR-1262-2

R.T.: 7.073 min
Delta R.T.: -0.001 min
Response: 50426232
Conc: 404.23 ng/ml



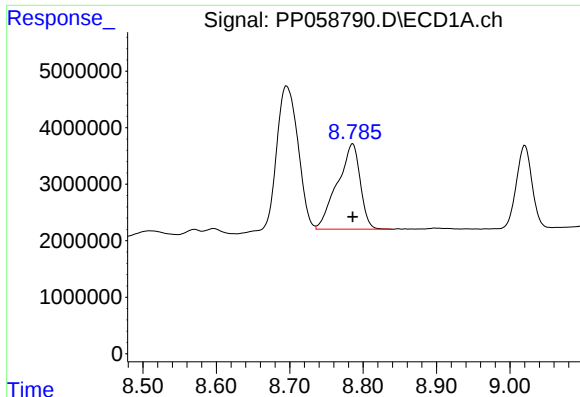
#38 AR-1262-3

R.T.: 8.696 min
Delta R.T.: 0.000 min
Response: 50511125
Conc: 680.14 ng/ml



#38 AR-1262-3

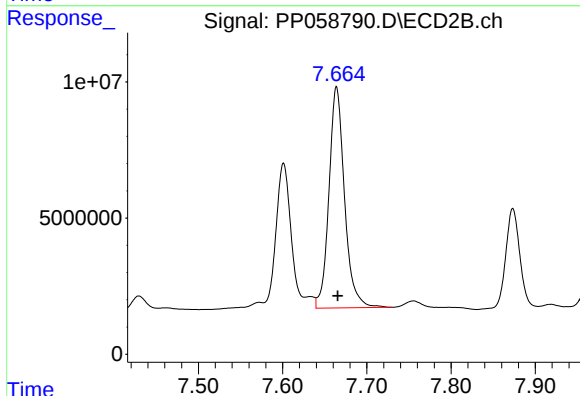
R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 65834814
Conc: 695.01 ng/ml



#39 AR-1262-4

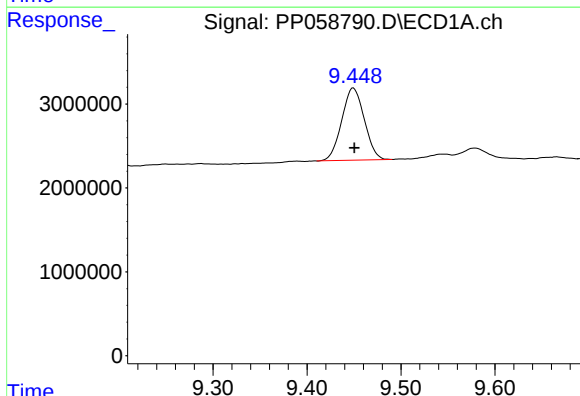
R.T.: 8.786 min
Delta R.T.: 0.000 min
Response: 32607924
Conc: 560.61 ng/ml

Instrument :
ECD_D
ClientSampleId :



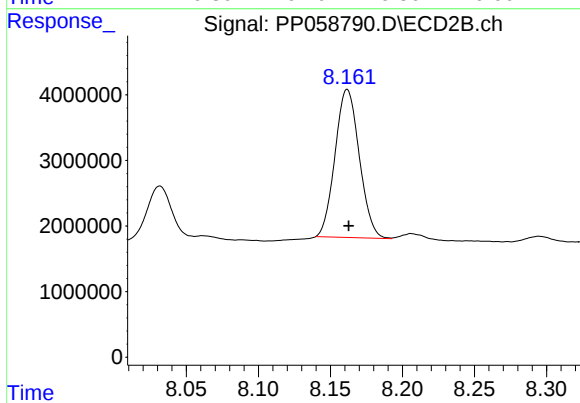
#39 AR-1262-4

R.T.: 7.664 min
Delta R.T.: -0.001 min
Response: 104329376
Conc: 627.49 ng/ml



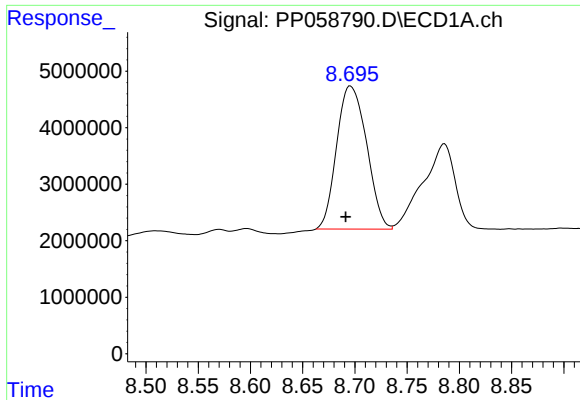
#40 AR-1262-5

R.T.: 9.449 min
Delta R.T.: -0.001 min
Response: 14334188
Conc: 394.14 ng/ml



#40 AR-1262-5

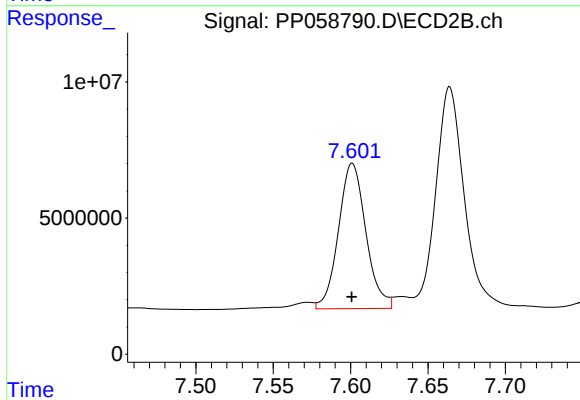
R.T.: 8.162 min
Delta R.T.: -0.001 min
Response: 26482866
Conc: 376.20 ng/ml



#41 AR-1268-1

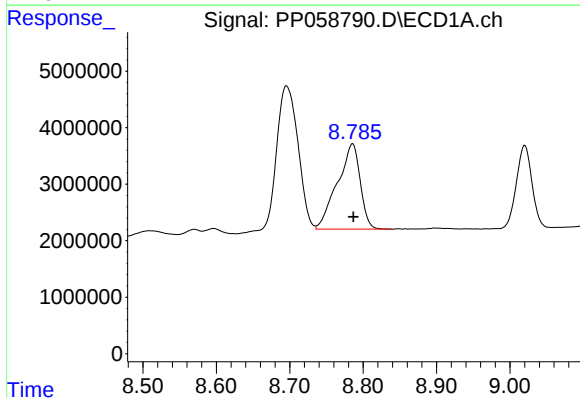
R.T.: 8.696 min
Delta R.T.: 0.005 min
Response: 50511125
Conc: 391.24 ng/ml

Instrument :
ECD_D
ClientSampleId :



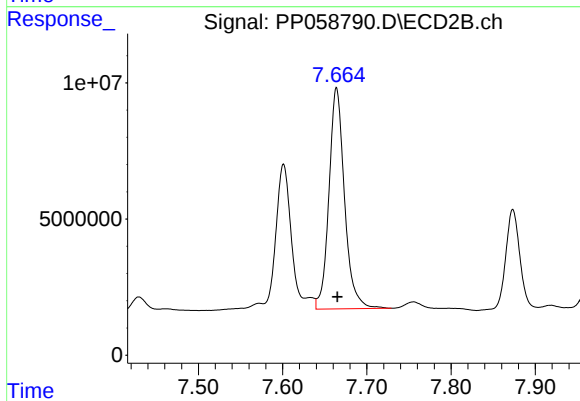
#41 AR-1268-1

R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 65834814
Conc: 236.19 ng/ml



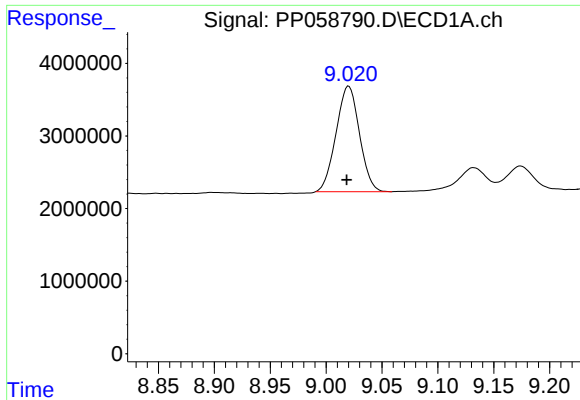
#42 AR-1268-2

R.T.: 8.786 min
Delta R.T.: -0.001 min
Response: 32607924
Conc: 277.49 ng/ml



#42 AR-1268-2

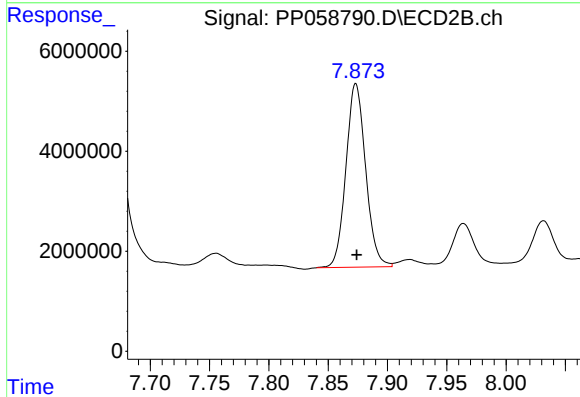
R.T.: 7.664 min
Delta R.T.: 0.000 min
Response: 104329376
Conc: 422.36 ng/ml



#43 AR-1268-3

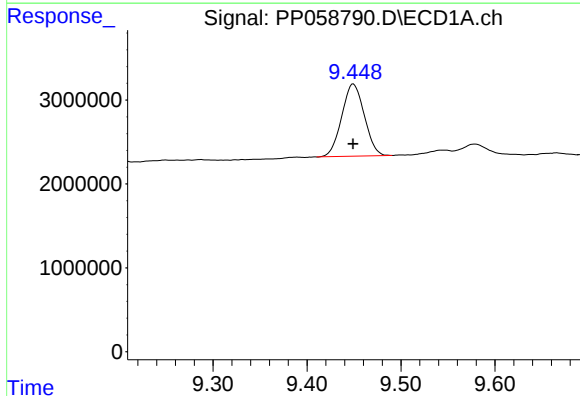
R.T.: 9.020 min
Delta R.T.: 0.002 min
Response: 21194205
Conc: 207.75 ng/ml

Instrument :
ECD_D
ClientSampleId :



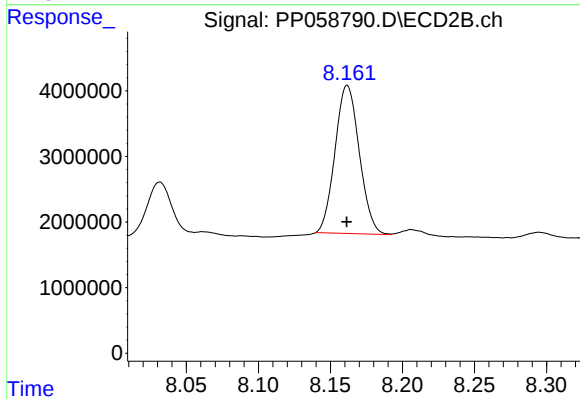
#43 AR-1268-3

R.T.: 7.873 min
Delta R.T.: 0.000 min
Response: 42472971
Conc: 191.41 ng/ml



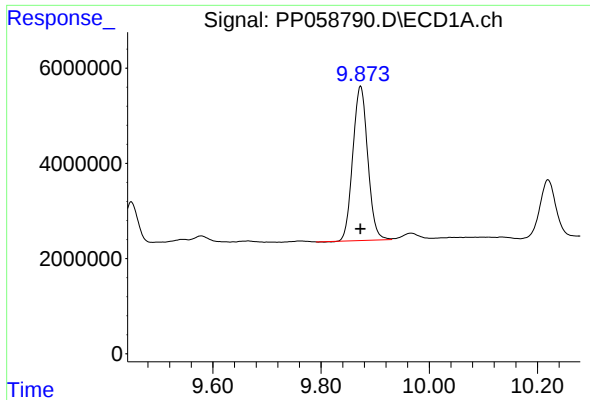
#44 AR-1268-4

R.T.: 9.449 min
Delta R.T.: 0.000 min
Response: 14334188
Conc: 372.18 ng/ml



#44 AR-1268-4

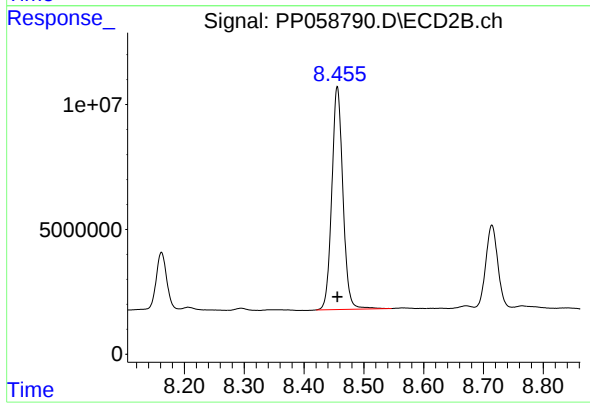
R.T.: 8.162 min
Delta R.T.: 0.000 min
Response: 26482866
Conc: 339.00 ng/ml



#45 AR-1268-5

R.T.: 9.873 min
Delta R.T.: 0.000 min
Response: 62129232
Conc: 188.55 ng/ml

Instrument :
ECD_D
ClientSampleId :



#45 AR-1268-5

R.T.: 8.456 min
Delta R.T.: 0.000 min
Response: 115166121
Conc: 180.97 ng/ml