

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031021\
 Data File : PP033863.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 11 Mar 2021 5:30
 Operator : DD\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: Mar 11 06:59:00 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP030921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 10 03:01:34 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.856	4.268	4390920	2059292	50.747	50.689
2)	SA Decachlor...	10.782	9.594	4187787	1319744	49.587	49.456
Target Compounds							
3)	L1 AR-1016-1	6.169	5.526	1341489	551288	503.536	484.371
4)	L1 AR-1016-2	6.192	5.546	1953319	784214	483.275	474.407
5)	L1 AR-1016-3	6.257	5.739	1260999	451231	509.581	492.442
6)	L1 AR-1016-4	6.364	5.788	1042539	368922	511.434	510.894
7)	L1 AR-1016-5	6.677	6.020	1028137	427853	507.216	462.747
8)	L2 AR-1221-1	5.100	4.523	145756	66168	157.950	155.390
9)	L2 AR-1221-2	5.203	4.624	216388	98536	307.948	304.520
10)	L2 AR-1221-3	5.289	4.713	748520	349983	355.622	357.048
11)	L3 AR-1232-1	5.289	4.713	748520	349983	432.644	430.796
12)	L3 AR-1232-2	5.874	5.546	1052677	784214	1149.412	1082.137
13)	L3 AR-1232-3	6.192	5.739	1953319	451231	1155.633	1173.371
14)	L3 AR-1232-4	6.364	5.833	1042539	453757	1220.416	1360.476
15)	L3 AR-1232-5	6.463	6.020	843492	427853	1421.854	1180.612
16)	L4 AR-1242-1	6.169	5.526	1341489	551288	661.140	624.327
17)	L4 AR-1242-2	6.192	5.546	1953319	784214	643.316	625.256
18)	L4 AR-1242-3	6.257	5.739	1260999	451231	659.992	639.017
19)	L4 AR-1242-4	6.364	5.833	1042539	453757	670.294	662.732
20)	L4 AR-1242-5	7.144	6.396	205541	331385	128.043	414.548 #
21)	L5 AR-1248-1	6.169	5.526	1341489	551288	859.951	809.877
22)	L5 AR-1248-2	6.463	5.788	843492	368922	396.255	393.194
23)	L5 AR-1248-3	6.677	5.833	1028137	453757	398.875	450.631
24)	L5 AR-1248-4	7.104	6.020	221990	427853	80.239	365.435 #
25)	L5 AR-1248-5	7.144	6.439	205541	52933	75.363	49.144 #
26)	L6 AR-1254-1	7.073	6.396	711791	331385	249.637	201.433
27)	L6 AR-1254-2	7.302	6.553	773811	301620	176.278	210.513
28)	L6 AR-1254-3	7.682	6.992	472899	606977	99.660	262.940 #
29)	L6 AR-1254-4	7.976	7.210	349607	79487	103.599	61.455 #
30)	L6 AR-1254-5	8.405	7.637	2402976	933474	641.414	480.629 #
31)	L7 AR-1260-1	7.849	7.110	1809349	779045	526.880	509.756
32)	L7 AR-1260-2	8.115	7.304	2049731	895063	497.841	494.850
33)	L7 AR-1260-3	8.478	7.460	1650438	826813	509.903	488.203
34)	L7 AR-1260-4	8.708	7.941	1869055	689561	504.581	468.866
35)	L7 AR-1260-5	9.028	8.184	3647886	1521474	471.534	467.958
36)	L8 AR-1262-1	8.478	7.637	1650438	933474	346.867	878.142 #
37)	L8 AR-1262-2	9.028	8.184	3647886	1521474	422.042	456.599
38)	L8 AR-1262-3	9.349f	8.470	2405100	377875	396.302	264.599 #
39)	L8 AR-1262-4	9.420	8.533	715603	1138984	144.370	451.766 #
40)	L8 AR-1262-5	10.064	9.031	1183011	434817	359.432	381.460
41)	L9 AR-1268-1	9.349f	8.470	2405100	377875	230.986	98.794 #

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 Acq On : 11 Mar 2021 5:30
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

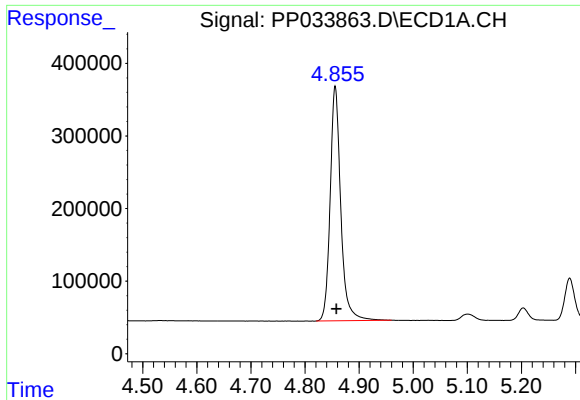
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 11 06:59:00 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP030921.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	9.420	8.533	715603	1138984	70.804	318.781 #
43) L9	AR-1268-3	9.641	8.743	60924	22493	6.860	7.241
44) L9	AR-1268-4	10.064	9.031	1183011	434817	339.699	358.258
45) L9	AR-1268-5	10.460	9.331	350136	130538	11.842	14.278

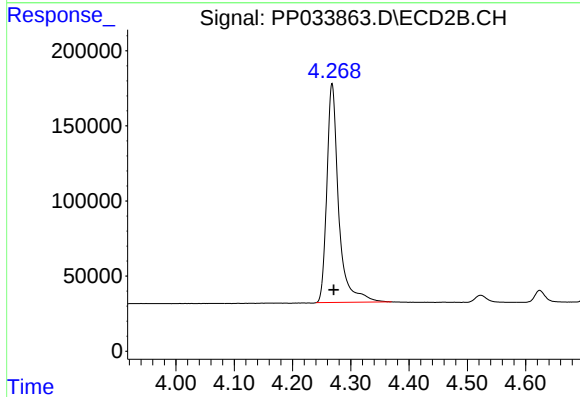
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

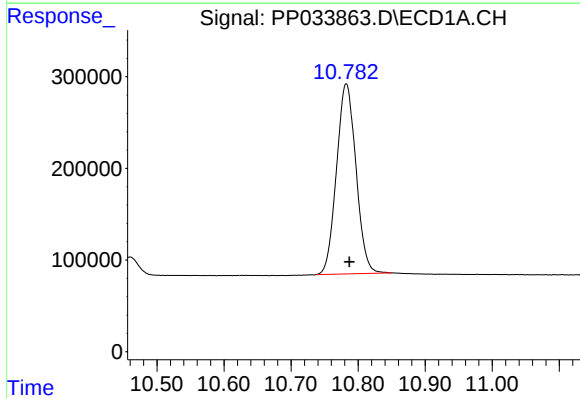
R.T.: 4.856 min
Delta R.T.: -0.002 min
Response: 4390920
Conc: 50.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



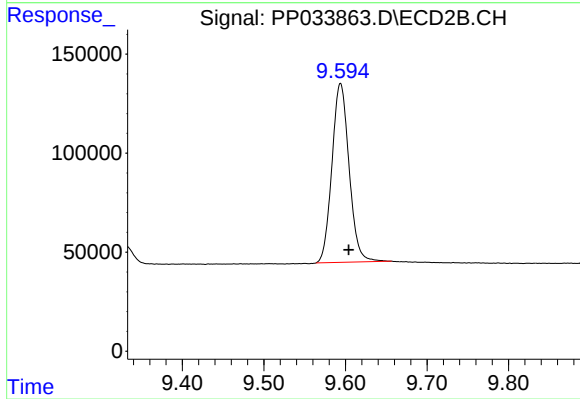
#1 Tetrachloro-m-xylene

R.T.: 4.268 min
Delta R.T.: -0.003 min
Response: 2059292
Conc: 50.69 ng/ml



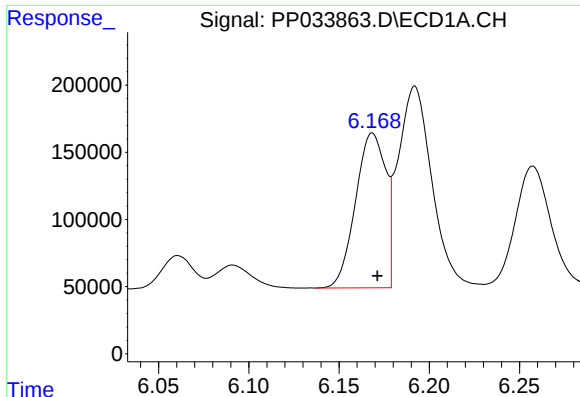
#2 Decachlorobiphenyl

R.T.: 10.782 min
Delta R.T.: -0.005 min
Response: 4187787
Conc: 49.59 ng/ml



#2 Decachlorobiphenyl

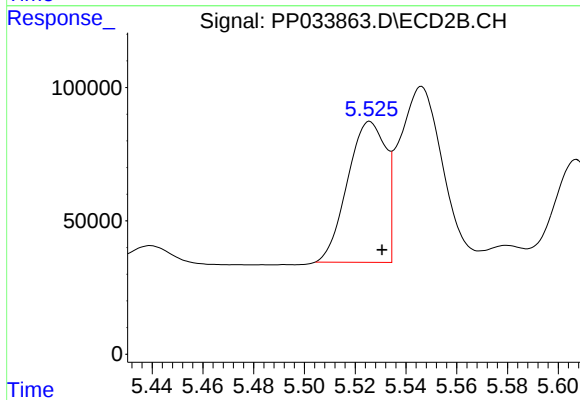
R.T.: 9.594 min
Delta R.T.: -0.010 min
Response: 1319744
Conc: 49.46 ng/ml



#3 AR-1016-1

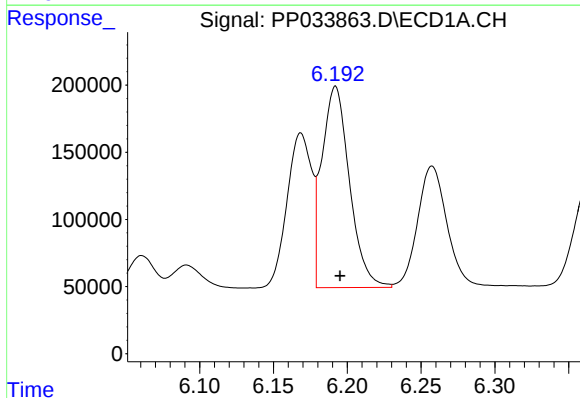
R.T.: 6.169 min
Delta R.T.: -0.003 min
Response: 1341489
Conc: 503.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



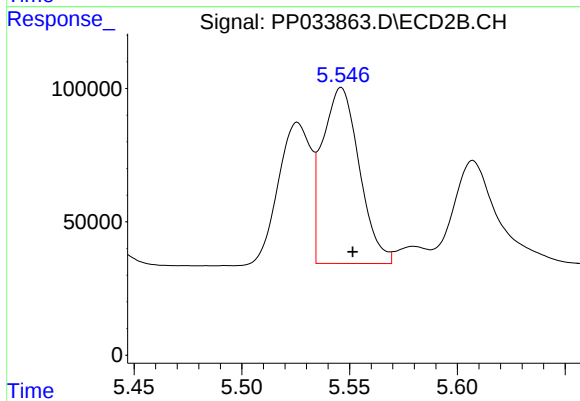
#3 AR-1016-1

R.T.: 5.526 min
Delta R.T.: -0.005 min
Response: 551288
Conc: 484.37 ng/ml



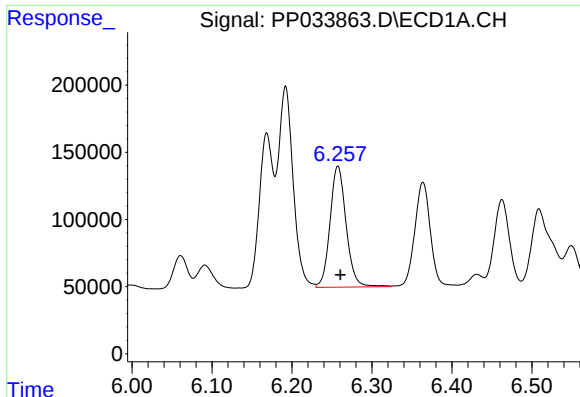
#4 AR-1016-2

R.T.: 6.192 min
Delta R.T.: -0.003 min
Response: 1953319
Conc: 483.28 ng/ml



#4 AR-1016-2

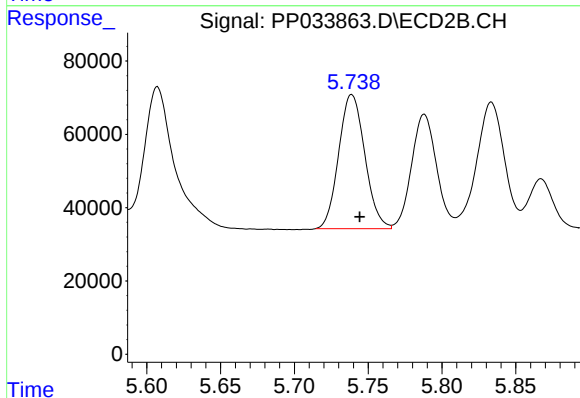
R.T.: 5.546 min
Delta R.T.: -0.005 min
Response: 784214
Conc: 474.41 ng/ml



#5 AR-1016-3

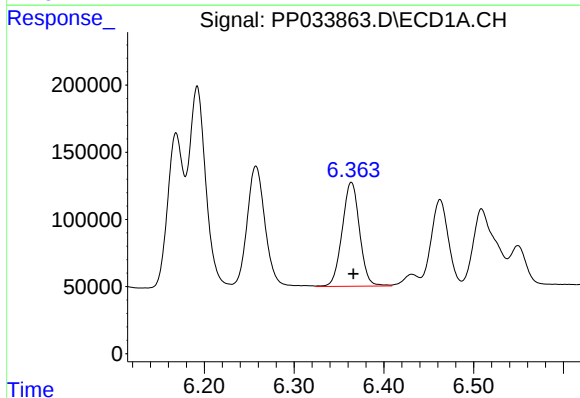
R.T.: 6.257 min
Delta R.T.: -0.003 min
Response: 1260999
Conc: 509.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



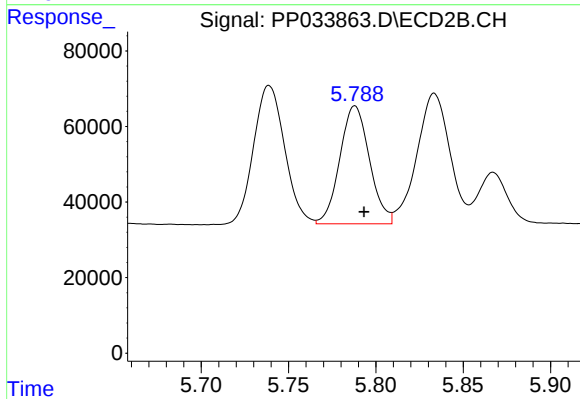
#5 AR-1016-3

R.T.: 5.739 min
Delta R.T.: -0.005 min
Response: 451231
Conc: 492.44 ng/ml



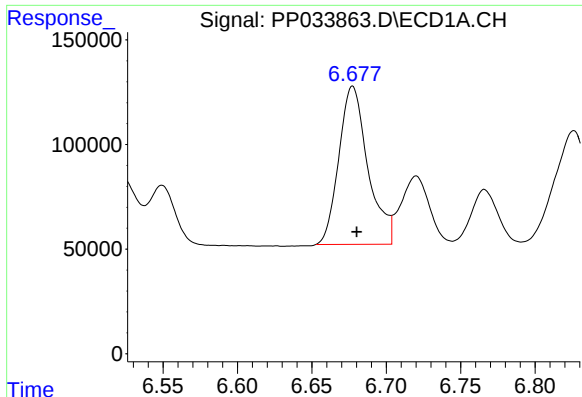
#6 AR-1016-4

R.T.: 6.364 min
Delta R.T.: -0.002 min
Response: 1042539
Conc: 511.43 ng/ml



#6 AR-1016-4

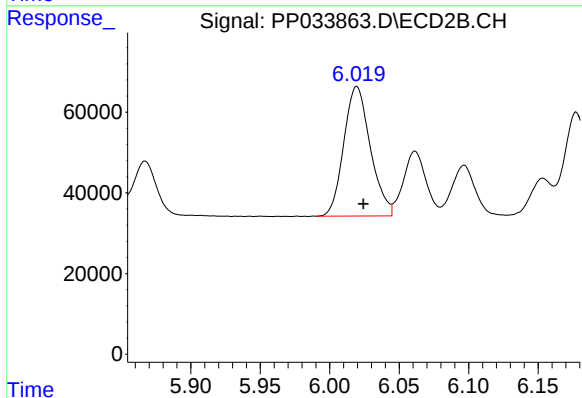
R.T.: 5.788 min
Delta R.T.: -0.005 min
Response: 368922
Conc: 510.89 ng/ml



#7 AR-1016-5

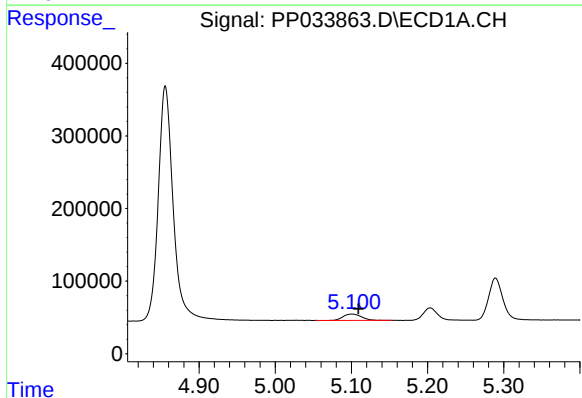
R.T.: 6.677 min
Delta R.T.: -0.003 min
Response: 1028137
Conc: 507.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



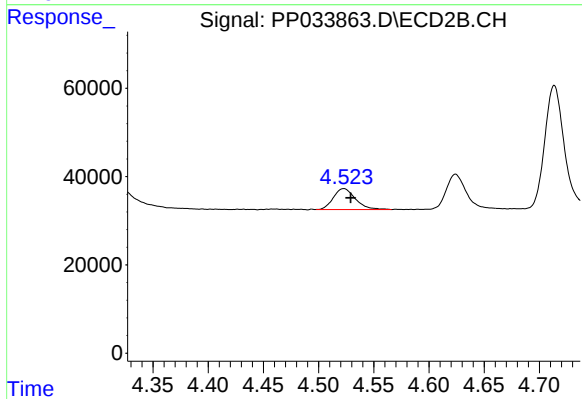
#7 AR-1016-5

R.T.: 6.020 min
Delta R.T.: -0.005 min
Response: 427853
Conc: 462.75 ng/ml



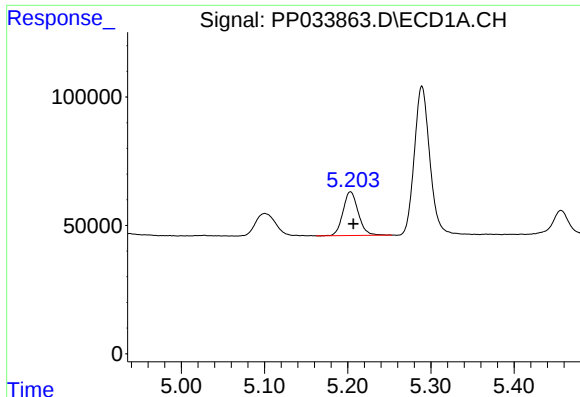
#8 AR-1221-1

R.T.: 5.100 min
Delta R.T.: -0.009 min
Response: 145756
Conc: 157.95 ng/ml



#8 AR-1221-1

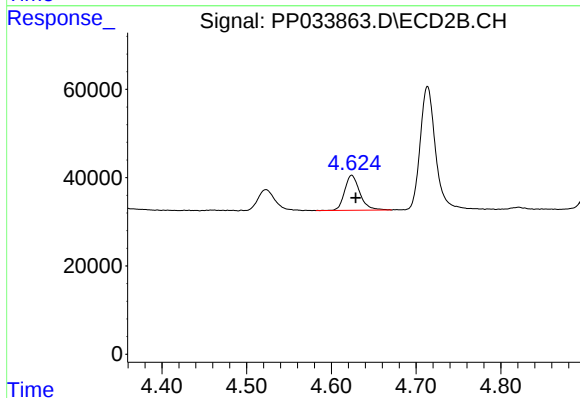
R.T.: 4.523 min
Delta R.T.: -0.006 min
Response: 66168
Conc: 155.39 ng/ml



#9 AR-1221-2

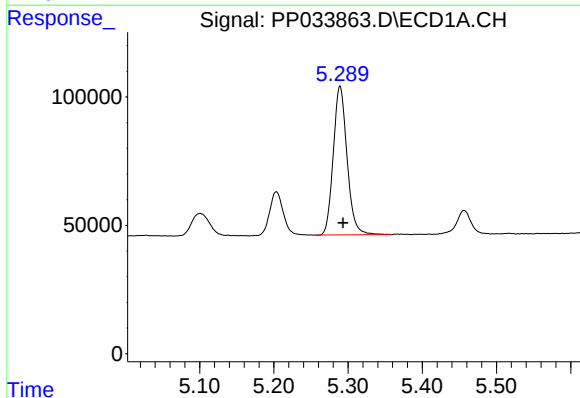
R.T.: 5.203 min
Delta R.T.: -0.004 min
Response: 216388
Conc: 307.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



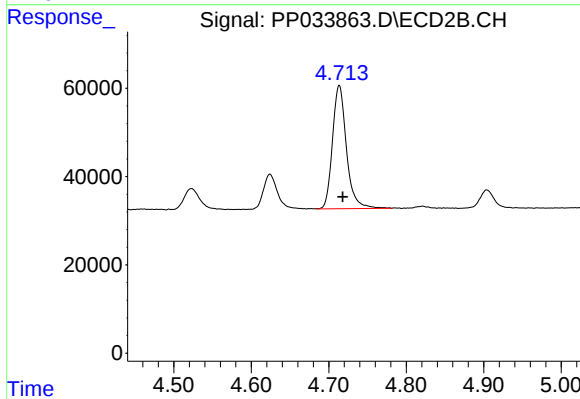
#9 AR-1221-2

R.T.: 4.624 min
Delta R.T.: -0.005 min
Response: 98536
Conc: 304.52 ng/ml



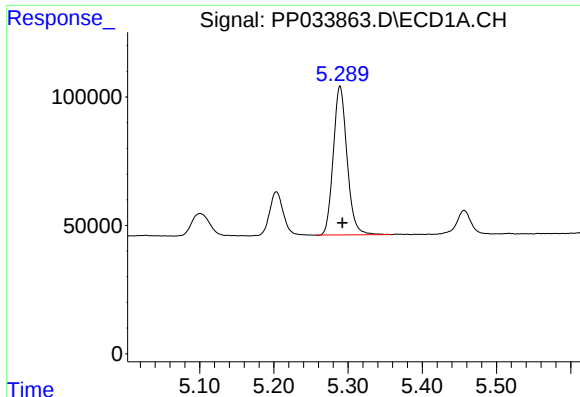
#10 AR-1221-3

R.T.: 5.289 min
Delta R.T.: -0.004 min
Response: 748520
Conc: 355.62 ng/ml



#10 AR-1221-3

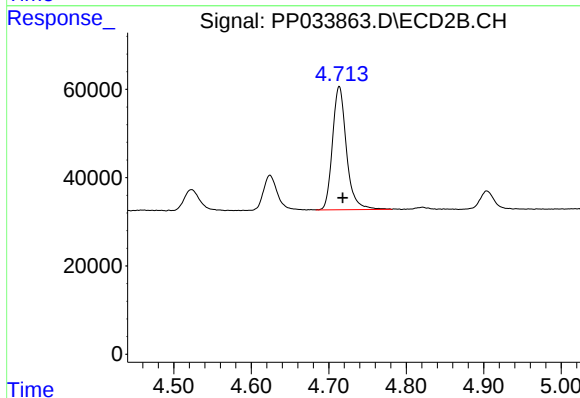
R.T.: 4.713 min
Delta R.T.: -0.005 min
Response: 349983
Conc: 357.05 ng/ml



#11 AR-1232-1

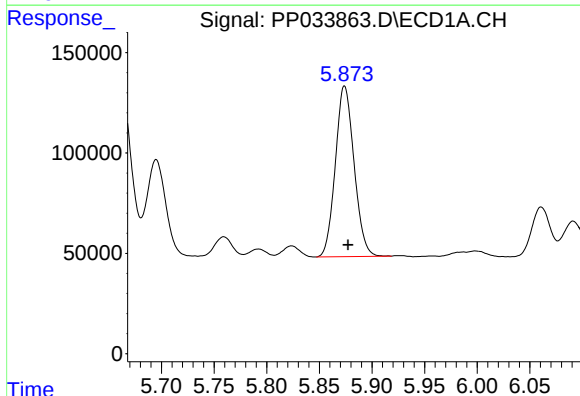
R.T.: 5.289 min
Delta R.T.: -0.003 min
Response: 748520
Conc: 432.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



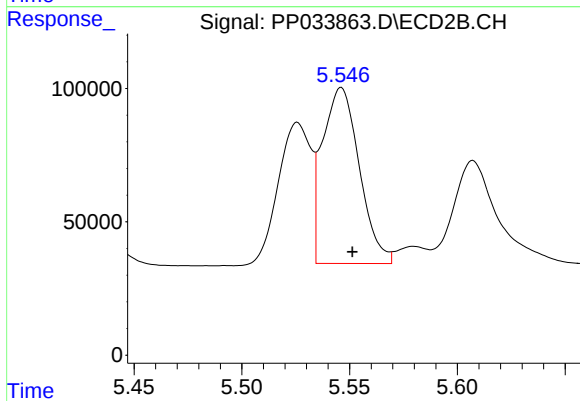
#11 AR-1232-1

R.T.: 4.713 min
Delta R.T.: -0.005 min
Response: 349983
Conc: 430.80 ng/ml



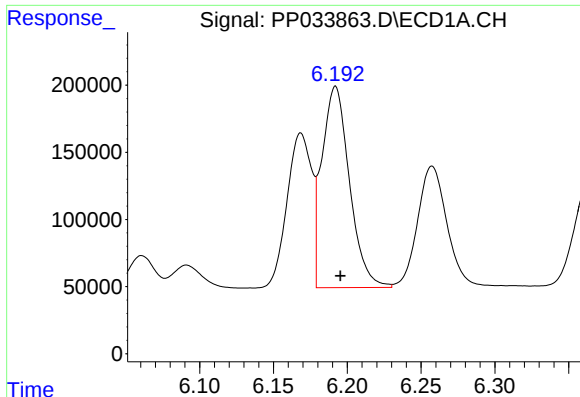
#12 AR-1232-2

R.T.: 5.874 min
Delta R.T.: -0.003 min
Response: 1052677
Conc: 1149.41 ng/ml



#12 AR-1232-2

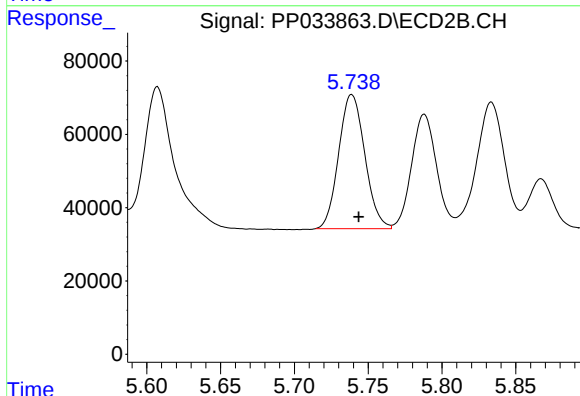
R.T.: 5.546 min
Delta R.T.: -0.005 min
Response: 784214
Conc: 1082.14 ng/ml



#13 AR-1232-3

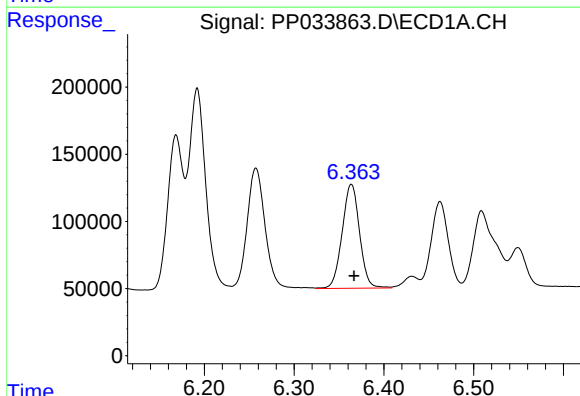
R.T.: 6.192 min
Delta R.T.: -0.003 min
Response: 1953319
Conc: 1155.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



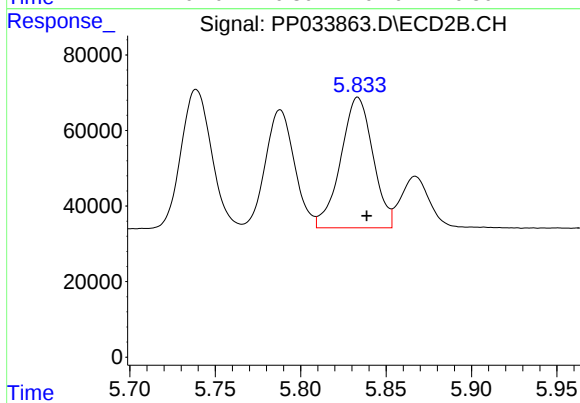
#13 AR-1232-3

R.T.: 5.739 min
Delta R.T.: -0.005 min
Response: 451231
Conc: 1173.37 ng/ml



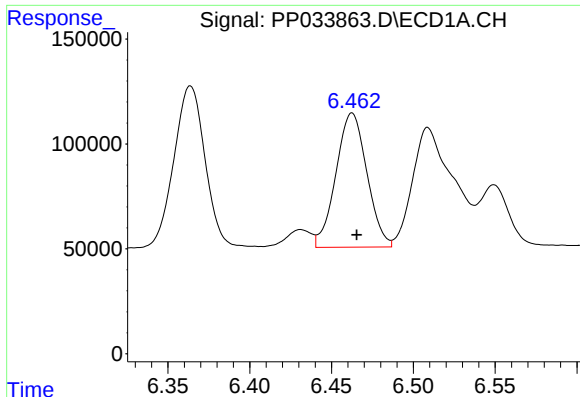
#14 AR-1232-4

R.T.: 6.364 min
Delta R.T.: -0.003 min
Response: 1042539
Conc: 1220.42 ng/ml



#14 AR-1232-4

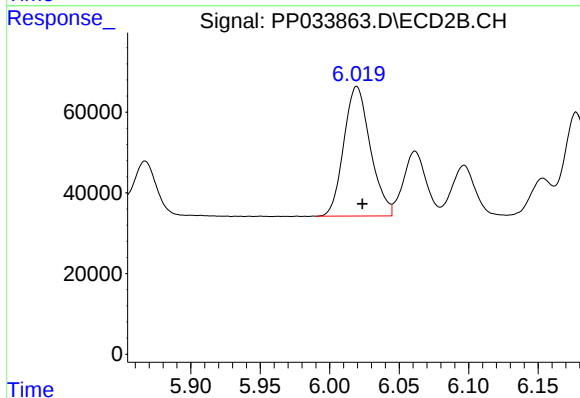
R.T.: 5.833 min
Delta R.T.: -0.005 min
Response: 453757
Conc: 1360.48 ng/ml



#15 AR-1232-5

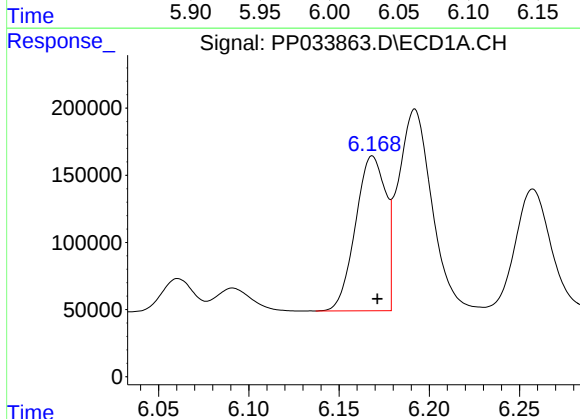
R.T.: 6.463 min
Delta R.T.: -0.003 min
Response: 843492
Conc: 1421.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



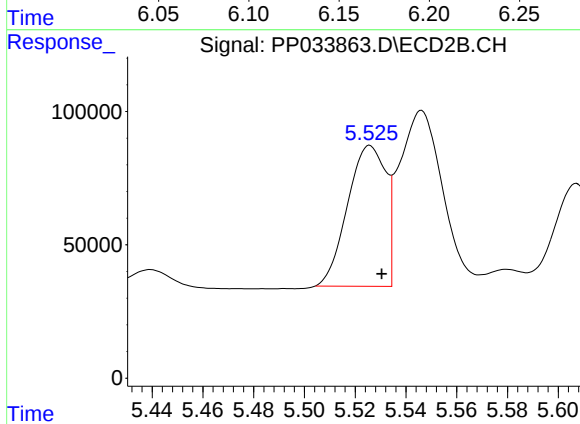
#15 AR-1232-5

R.T.: 6.020 min
Delta R.T.: -0.004 min
Response: 427853
Conc: 1180.61 ng/ml



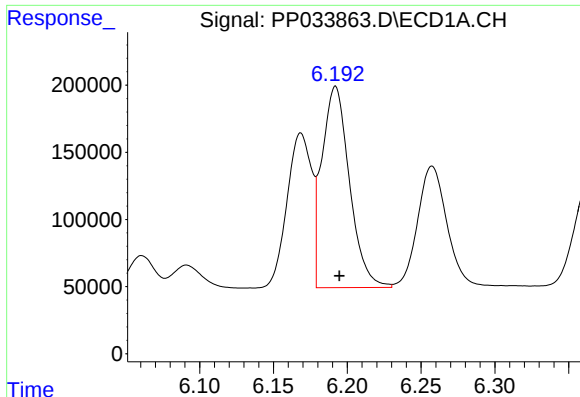
#16 AR-1242-1

R.T.: 6.169 min
Delta R.T.: -0.003 min
Response: 1341489
Conc: 661.14 ng/ml



#16 AR-1242-1

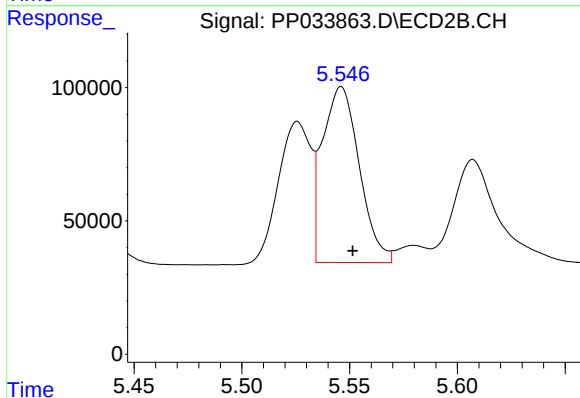
R.T.: 5.526 min
Delta R.T.: -0.005 min
Response: 551288
Conc: 624.33 ng/ml



#17 AR-1242-2

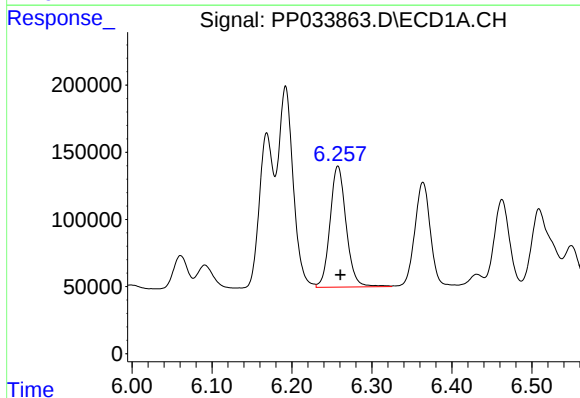
R.T.: 6.192 min
Delta R.T.: -0.003 min
Response: 1953319
Conc: 643.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



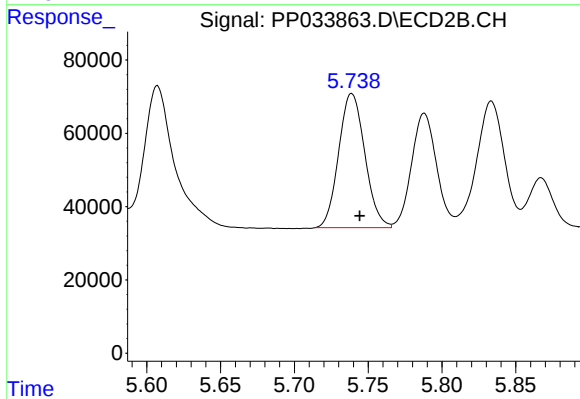
#17 AR-1242-2

R.T.: 5.546 min
Delta R.T.: -0.005 min
Response: 784214
Conc: 625.26 ng/ml



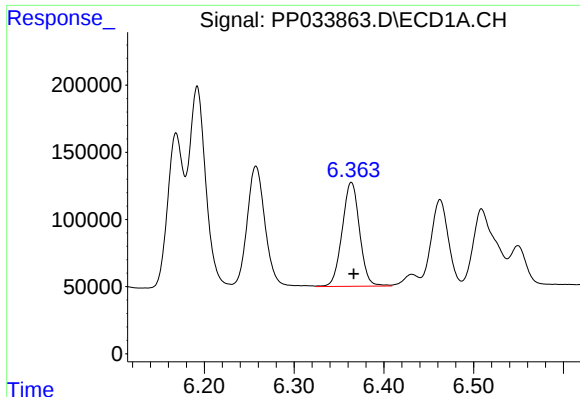
#18 AR-1242-3

R.T.: 6.257 min
Delta R.T.: -0.003 min
Response: 1260999
Conc: 659.99 ng/ml



#18 AR-1242-3

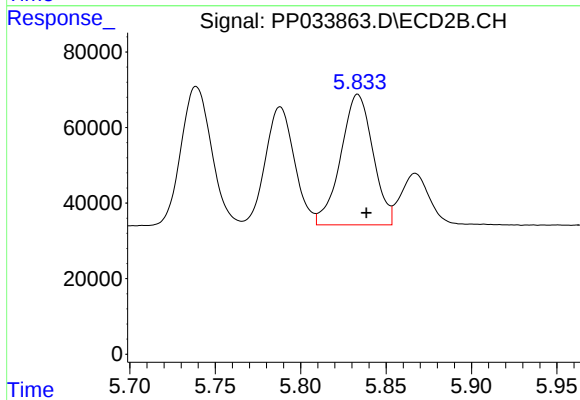
R.T.: 5.739 min
Delta R.T.: -0.005 min
Response: 451231
Conc: 639.02 ng/ml



#19 AR-1242-4

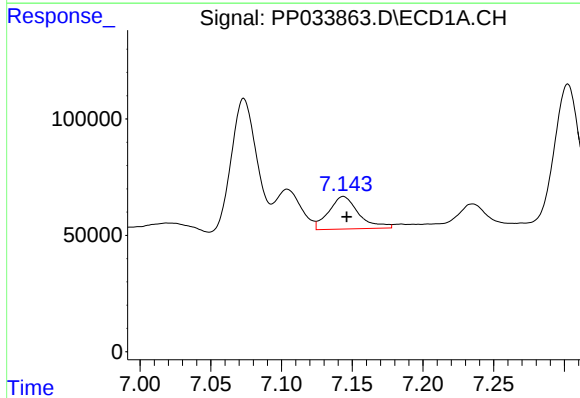
R.T.: 6.364 min
Delta R.T.: -0.003 min
Response: 1042539
Conc: 670.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



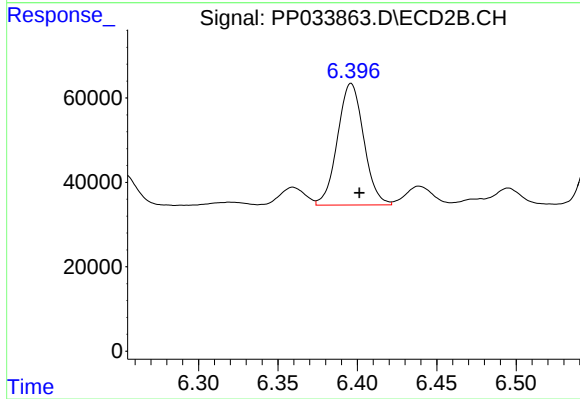
#19 AR-1242-4

R.T.: 5.833 min
Delta R.T.: -0.005 min
Response: 453757
Conc: 662.73 ng/ml



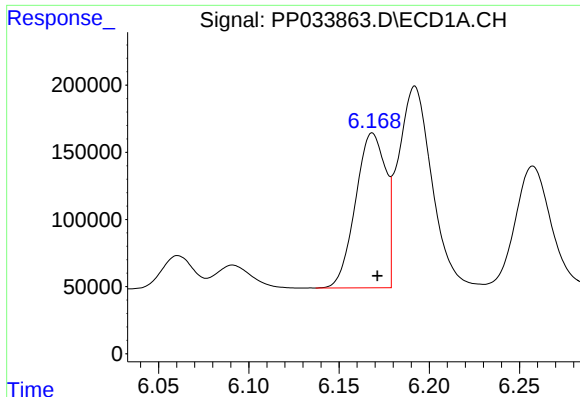
#20 AR-1242-5

R.T.: 7.144 min
Delta R.T.: -0.002 min
Response: 205541
Conc: 128.04 ng/ml



#20 AR-1242-5

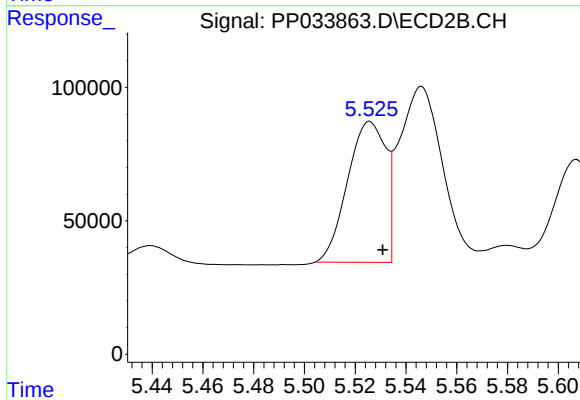
R.T.: 6.396 min
Delta R.T.: -0.005 min
Response: 331385
Conc: 414.55 ng/ml



#21 AR-1248-1

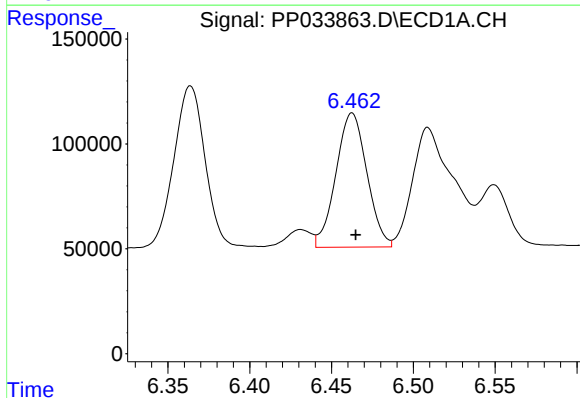
R.T.: 6.169 min
Delta R.T.: -0.003 min
Response: 1341489
Conc: 859.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



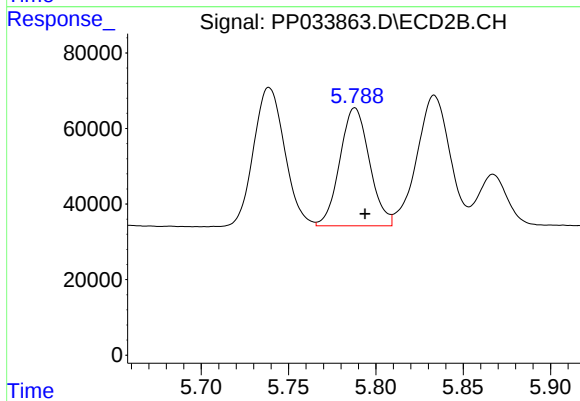
#21 AR-1248-1

R.T.: 5.526 min
Delta R.T.: -0.005 min
Response: 551288
Conc: 809.88 ng/ml



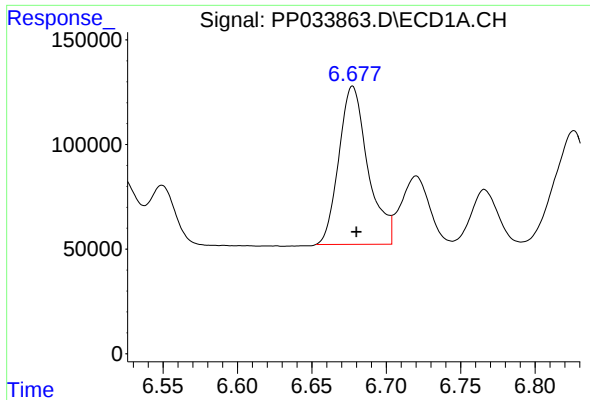
#22 AR-1248-2

R.T.: 6.463 min
Delta R.T.: -0.002 min
Response: 843492
Conc: 396.26 ng/ml



#22 AR-1248-2

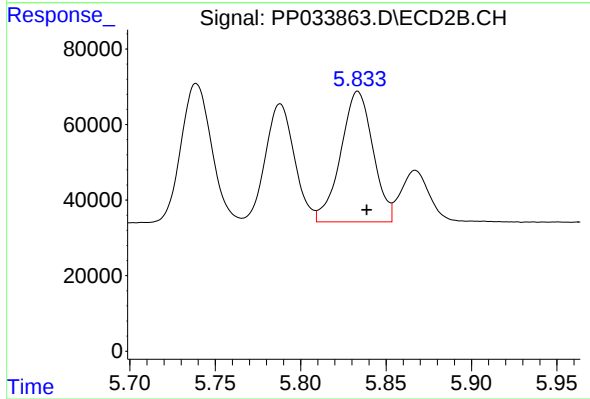
R.T.: 5.788 min
Delta R.T.: -0.006 min
Response: 368922
Conc: 393.19 ng/ml



#23 AR-1248-3

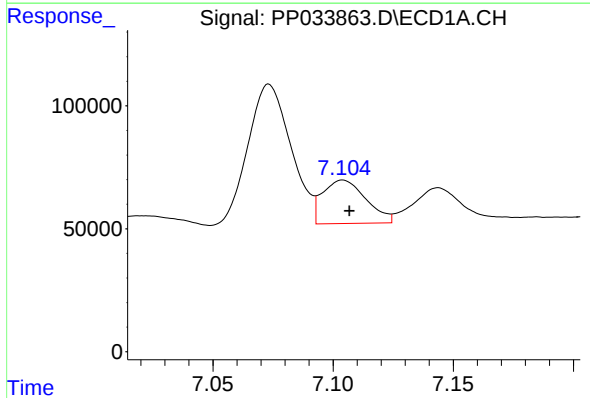
R.T.: 6.677 min
Delta R.T.: -0.003 min
Response: 1028137
Conc: 398.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



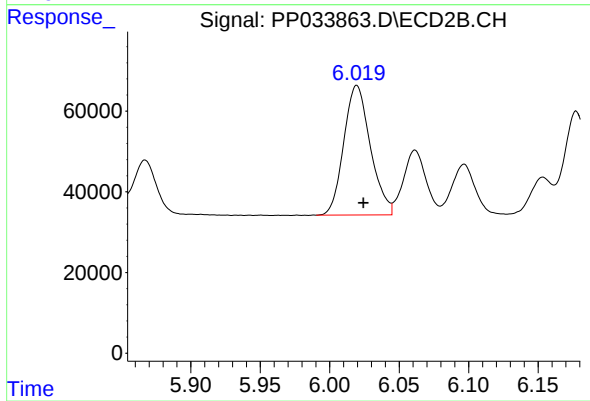
#23 AR-1248-3

R.T.: 5.833 min
Delta R.T.: -0.005 min
Response: 453757
Conc: 450.63 ng/ml



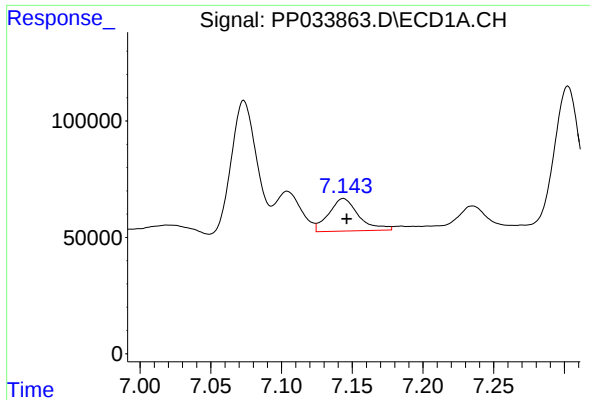
#24 AR-1248-4

R.T.: 7.104 min
Delta R.T.: -0.003 min
Response: 221990
Conc: 80.24 ng/ml



#24 AR-1248-4

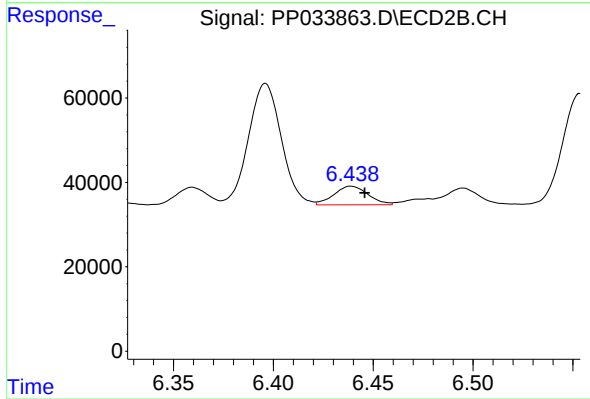
R.T.: 6.020 min
Delta R.T.: -0.005 min
Response: 427853
Conc: 365.44 ng/ml



#25 AR-1248-5

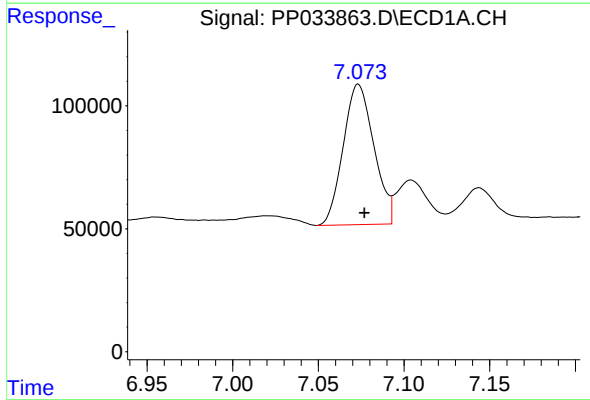
R.T.: 7.144 min
Delta R.T.: -0.002 min
Response: 205541
Conc: 75.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



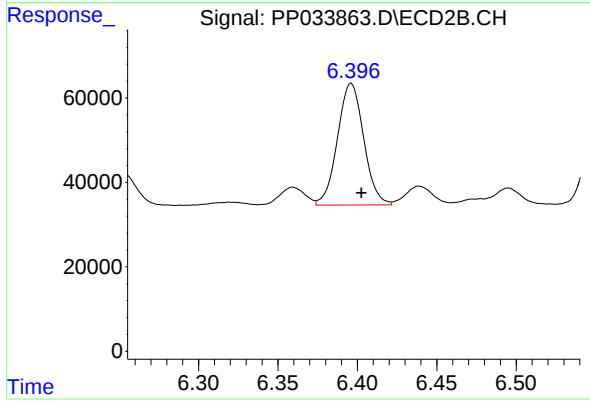
#25 AR-1248-5

R.T.: 6.439 min
Delta R.T.: -0.007 min
Response: 52933
Conc: 49.14 ng/ml



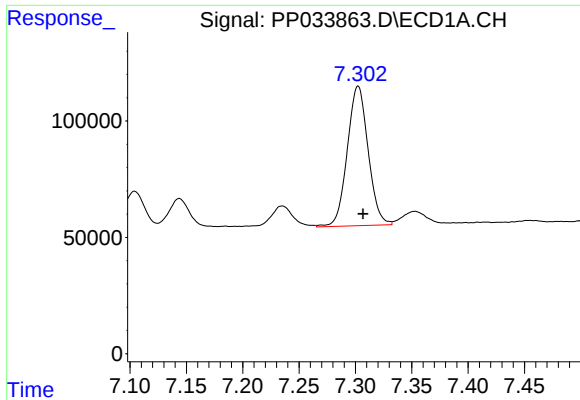
#26 AR-1254-1

R.T.: 7.073 min
Delta R.T.: -0.004 min
Response: 711791
Conc: 249.64 ng/ml



#26 AR-1254-1

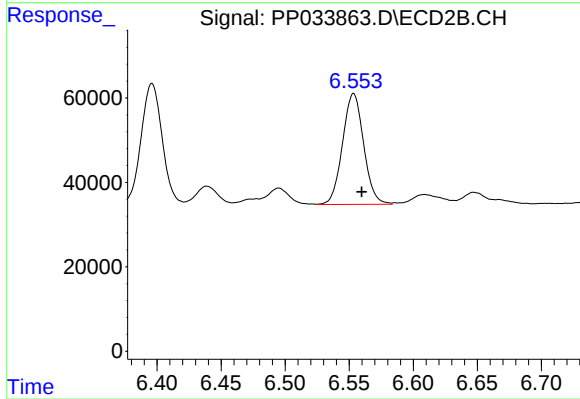
R.T.: 6.396 min
Delta R.T.: -0.007 min
Response: 331385
Conc: 201.43 ng/ml



#27 AR-1254-2

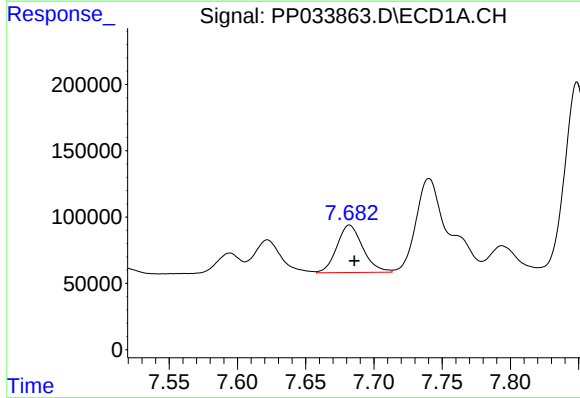
R.T.: 7.302 min
Delta R.T.: -0.004 min
Response: 773811
Conc: 176.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



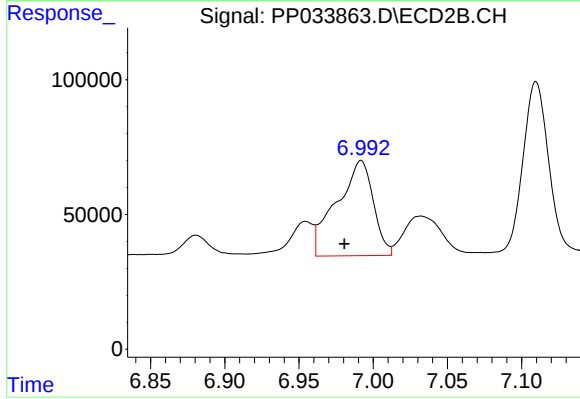
#27 AR-1254-2

R.T.: 6.553 min
Delta R.T.: -0.006 min
Response: 301620
Conc: 210.51 ng/ml



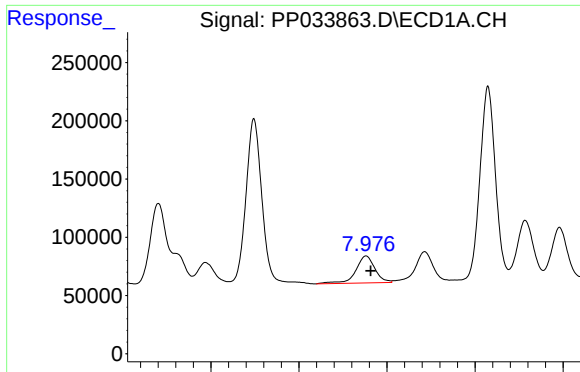
#28 AR-1254-3

R.T.: 7.682 min
Delta R.T.: -0.004 min
Response: 472899
Conc: 99.66 ng/ml



#28 AR-1254-3

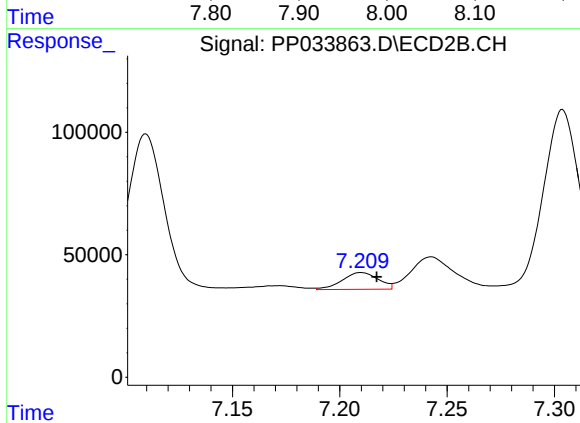
R.T.: 6.992 min
Delta R.T.: 0.011 min
Response: 606977
Conc: 262.94 ng/ml



#29 AR-1254-4

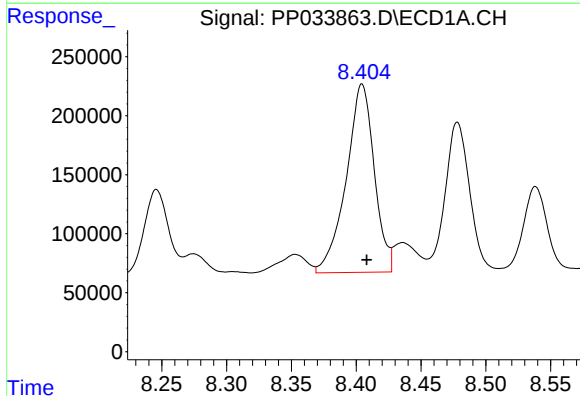
R.T.: 7.976 min
Delta R.T.: -0.005 min
Response: 349607
Conc: 103.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



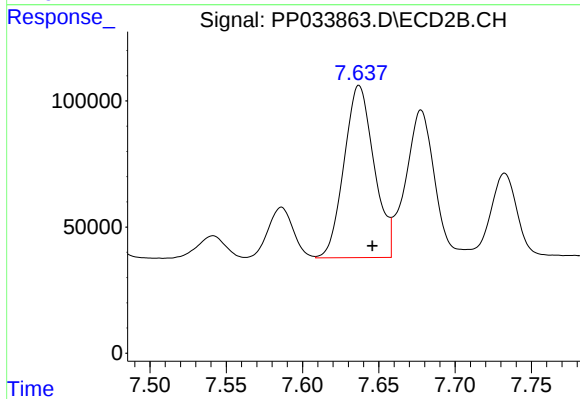
#29 AR-1254-4

R.T.: 7.210 min
Delta R.T.: -0.007 min
Response: 79487
Conc: 61.45 ng/ml



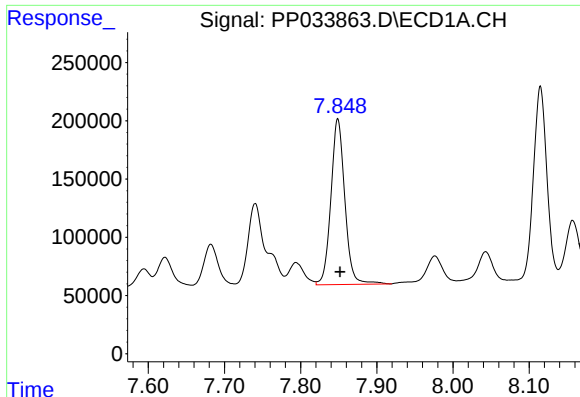
#30 AR-1254-5

R.T.: 8.405 min
Delta R.T.: -0.004 min
Response: 2402976
Conc: 641.41 ng/ml



#30 AR-1254-5

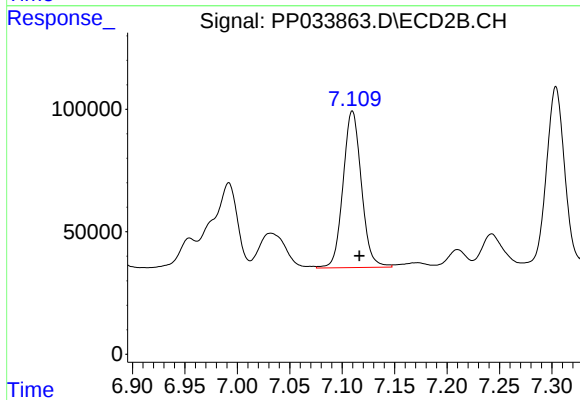
R.T.: 7.637 min
Delta R.T.: -0.009 min
Response: 933474
Conc: 480.63 ng/ml



#31 AR-1260-1

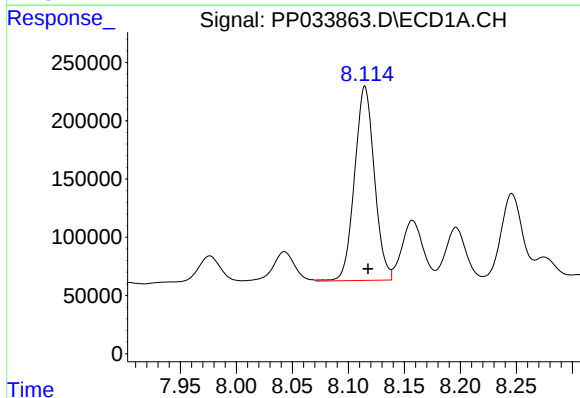
R.T.: 7.849 min
Delta R.T.: -0.003 min
Response: 1809349
Conc: 526.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



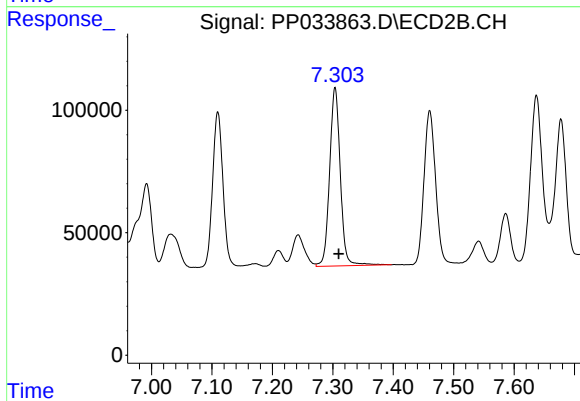
#31 AR-1260-1

R.T.: 7.110 min
Delta R.T.: -0.007 min
Response: 779045
Conc: 509.76 ng/ml



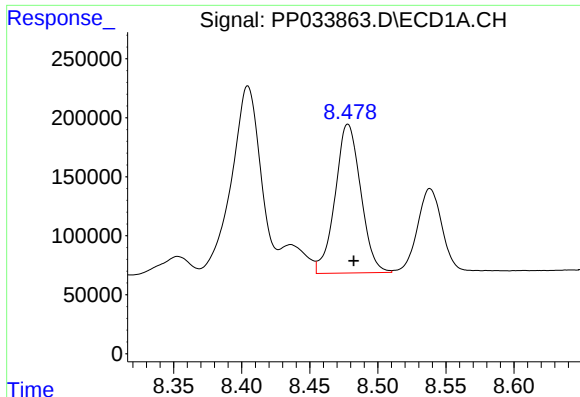
#32 AR-1260-2

R.T.: 8.115 min
Delta R.T.: -0.003 min
Response: 2049731
Conc: 497.84 ng/ml



#32 AR-1260-2

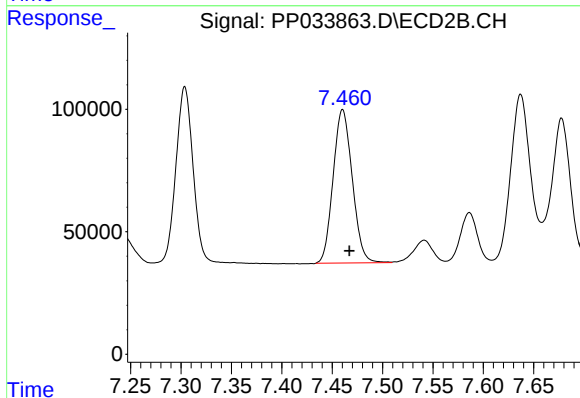
R.T.: 7.304 min
Delta R.T.: -0.006 min
Response: 895063
Conc: 494.85 ng/ml



#33 AR-1260-3

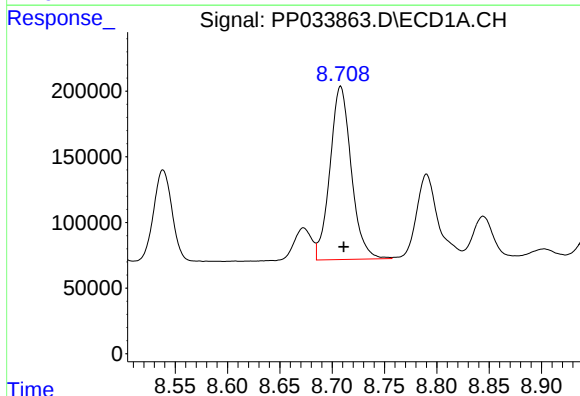
R.T.: 8.478 min
Delta R.T.: -0.004 min
Response: 1650438
Conc: 509.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



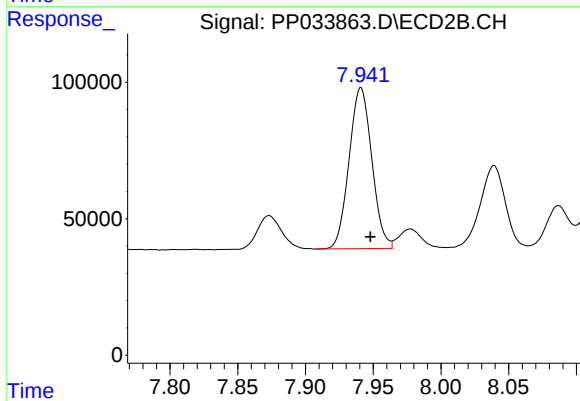
#33 AR-1260-3

R.T.: 7.460 min
Delta R.T.: -0.007 min
Response: 826813
Conc: 488.20 ng/ml



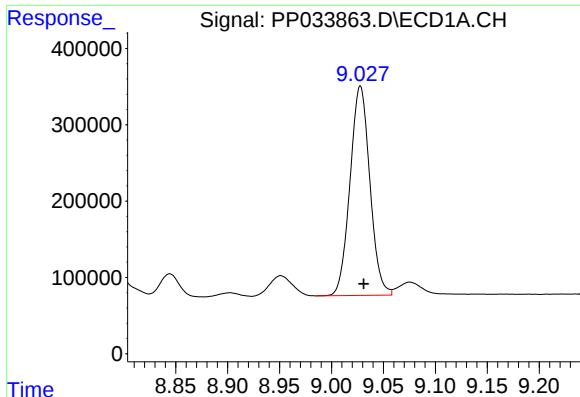
#34 AR-1260-4

R.T.: 8.708 min
Delta R.T.: -0.003 min
Response: 1869055
Conc: 504.58 ng/ml



#34 AR-1260-4

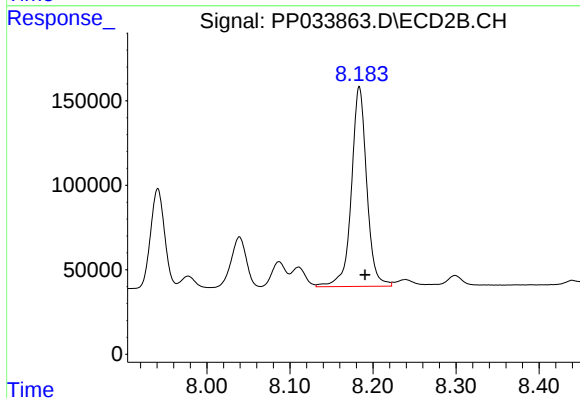
R.T.: 7.941 min
Delta R.T.: -0.007 min
Response: 689561
Conc: 468.87 ng/ml



#35 AR-1260-5

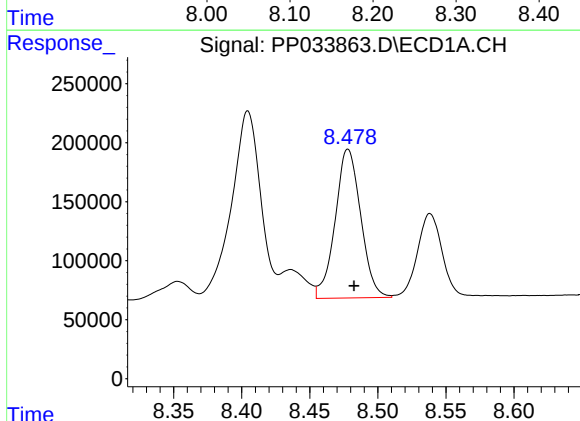
R.T.: 9.028 min
Delta R.T.: -0.003 min
Response: 3647886
Conc: 471.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



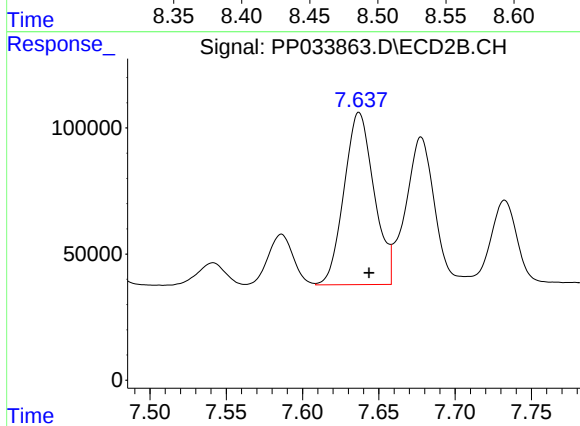
#35 AR-1260-5

R.T.: 8.184 min
Delta R.T.: -0.007 min
Response: 1521474
Conc: 467.96 ng/ml



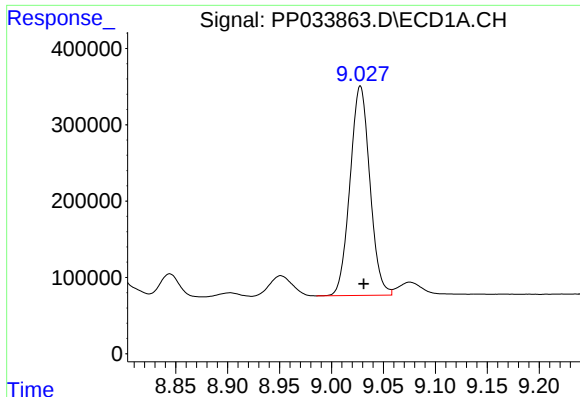
#36 AR-1262-1

R.T.: 8.478 min
Delta R.T.: -0.005 min
Response: 1650438
Conc: 346.87 ng/ml



#36 AR-1262-1

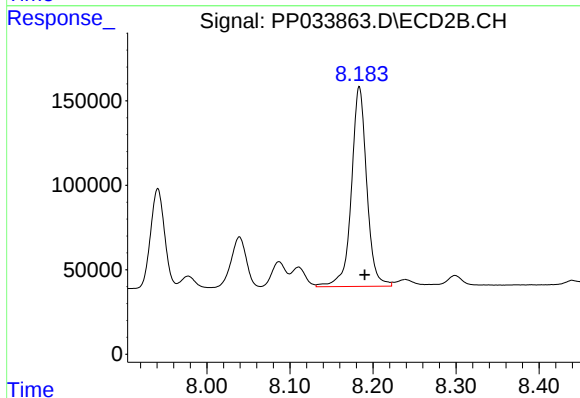
R.T.: 7.637 min
Delta R.T.: -0.006 min
Response: 933474
Conc: 878.14 ng/ml



#37 AR-1262-2

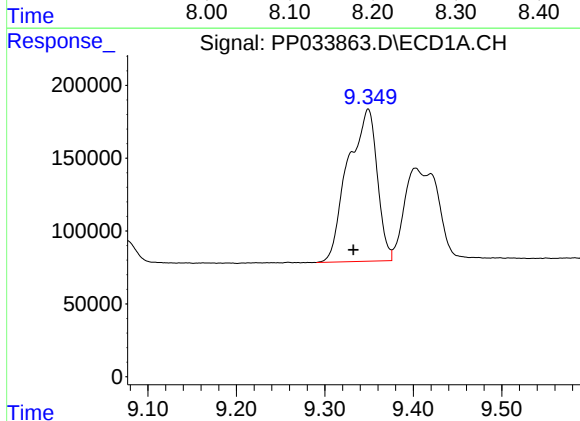
R.T.: 9.028 min
Delta R.T.: -0.003 min
Response: 3647886
Conc: 422.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



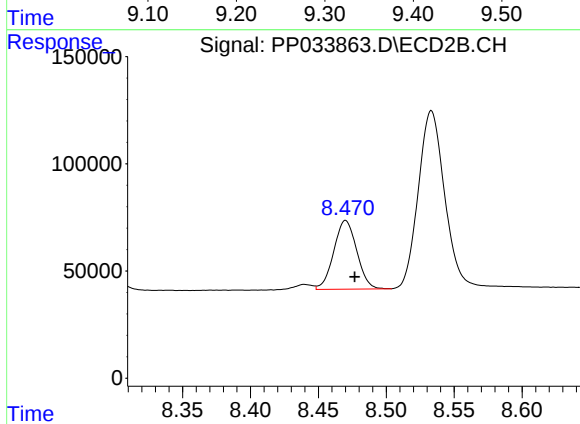
#37 AR-1262-2

R.T.: 8.184 min
Delta R.T.: -0.006 min
Response: 1521474
Conc: 456.60 ng/ml



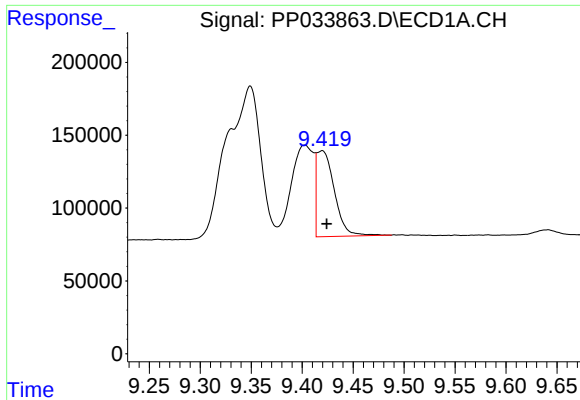
#38 AR-1262-3

R.T.: 9.349 min
Delta R.T.: 0.017 min
Response: 2405100
Conc: 396.30 ng/ml



#38 AR-1262-3

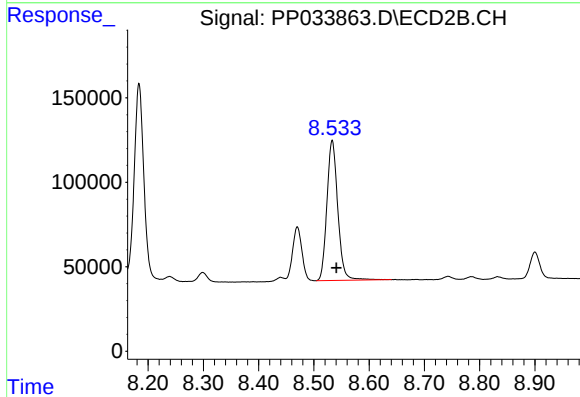
R.T.: 8.470 min
Delta R.T.: -0.007 min
Response: 377875
Conc: 264.60 ng/ml



#39 AR-1262-4

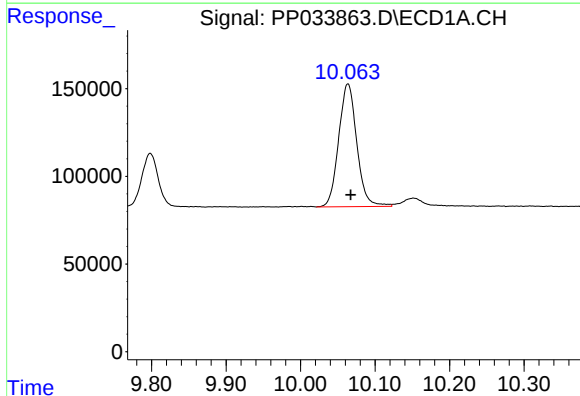
R.T.: 9.420 min
Delta R.T.: -0.004 min
Response: 715603
Conc: 144.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



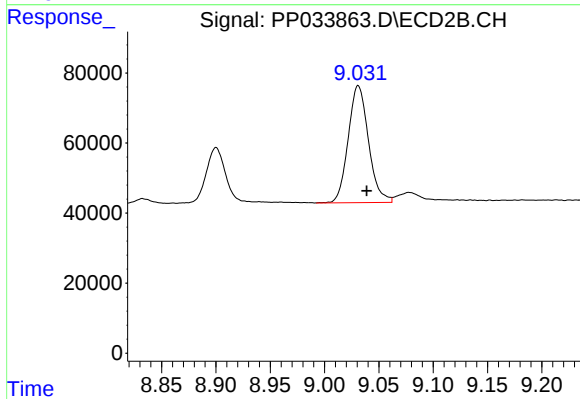
#39 AR-1262-4

R.T.: 8.533 min
Delta R.T.: -0.007 min
Response: 1138984
Conc: 451.77 ng/ml



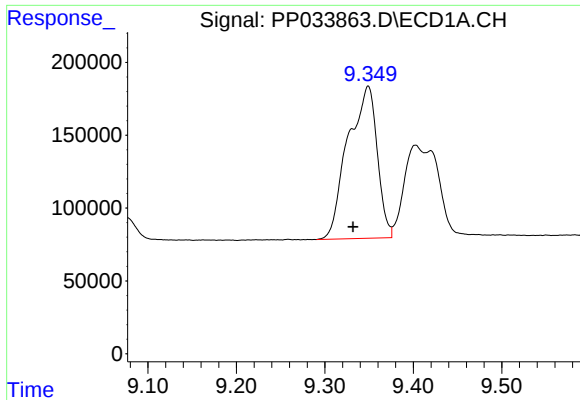
#40 AR-1262-5

R.T.: 10.064 min
Delta R.T.: -0.004 min
Response: 1183011
Conc: 359.43 ng/ml



#40 AR-1262-5

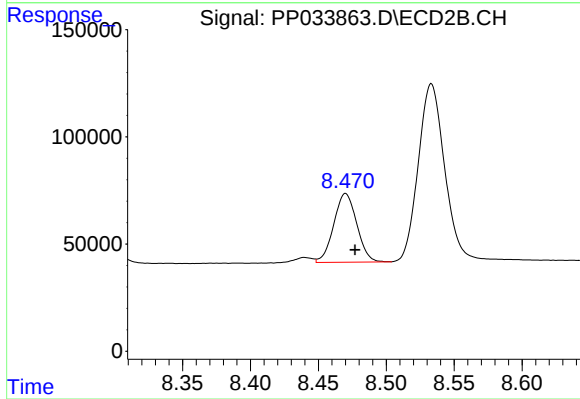
R.T.: 9.031 min
Delta R.T.: -0.008 min
Response: 434817
Conc: 381.46 ng/ml



#41 AR-1268-1

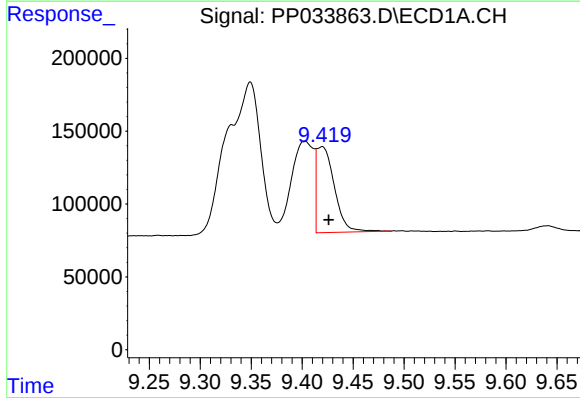
R.T.: 9.349 min
Delta R.T.: 0.017 min
Response: 2405100
Conc: 230.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



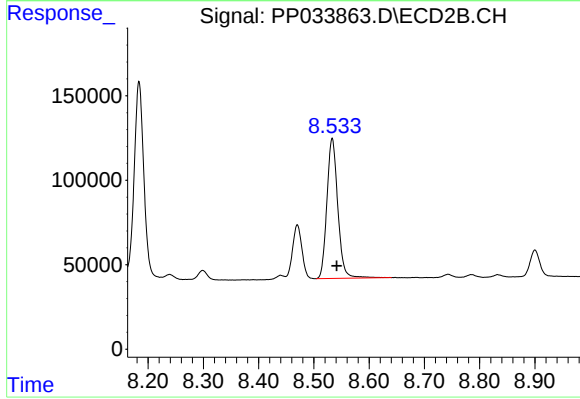
#41 AR-1268-1

R.T.: 8.470 min
Delta R.T.: -0.007 min
Response: 377875
Conc: 98.79 ng/ml



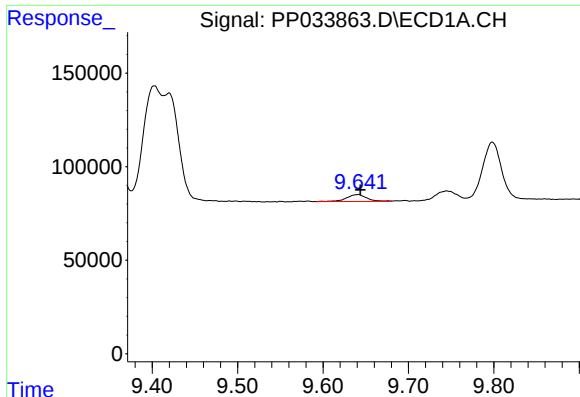
#42 AR-1268-2

R.T.: 9.420 min
Delta R.T.: -0.006 min
Response: 715603
Conc: 70.80 ng/ml



#42 AR-1268-2

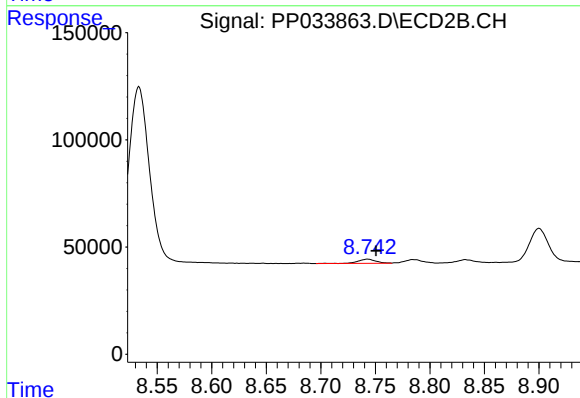
R.T.: 8.533 min
Delta R.T.: -0.008 min
Response: 1138984
Conc: 318.78 ng/ml



#43 AR-1268-3

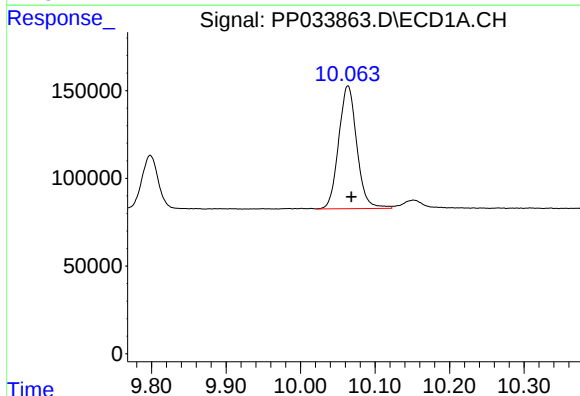
R.T.: 9.641 min
Delta R.T.: -0.003 min
Response: 60924
Conc: 6.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



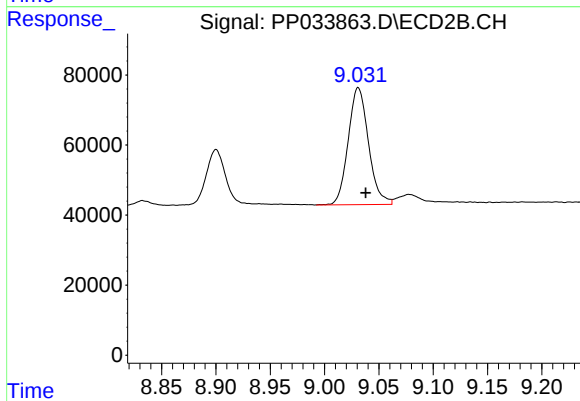
#43 AR-1268-3

R.T.: 8.743 min
Delta R.T.: -0.007 min
Response: 22493
Conc: 7.24 ng/ml



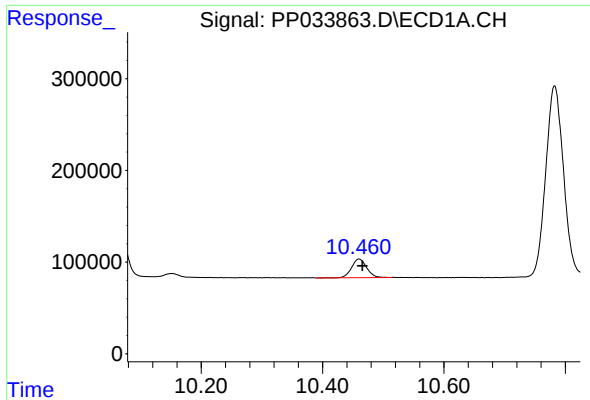
#44 AR-1268-4

R.T.: 10.064 min
Delta R.T.: -0.005 min
Response: 1183011
Conc: 339.70 ng/ml



#44 AR-1268-4

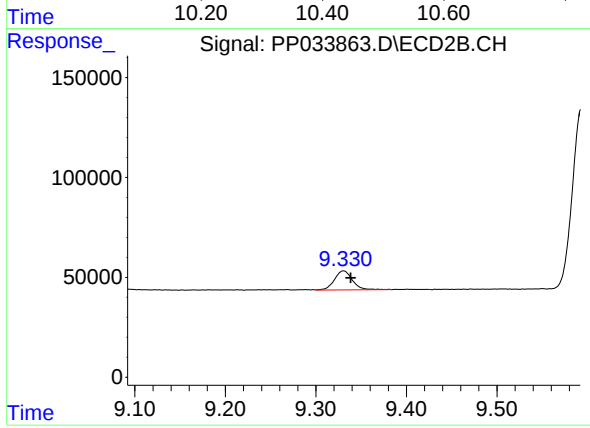
R.T.: 9.031 min
Delta R.T.: -0.007 min
Response: 434817
Conc: 358.26 ng/ml



#45 AR-1268-5

R.T.: 10.460 min
Delta R.T.: -0.006 min
Response: 350136
Conc: 11.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.331 min
Delta R.T.: -0.008 min
Response: 130538
Conc: 14.28 ng/ml