

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081023\
 Data File : PP059284.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Aug 2023 08:56
 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: Aug 10 21:33:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 09 02:30:13 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...	4.414	3.644	60793722	105.4E6	49.545	52.041
2)	SA Decachlor...	10.208	8.681	39872678	75894963	52.242	53.948
Target Compounds							
3)	L1 AR-1016-1	5.592	4.738	19698835	33134474	501.393	516.613
4)	L1 AR-1016-2	5.614	4.757	28429755	47868755	501.516	526.960
5)	L1 AR-1016-3	5.677	4.933	18251295	25453562	508.757	529.757
6)	L1 AR-1016-4	5.776	4.976	14854097	21306031	512.792	515.993
7)	L1 AR-1016-5	6.072	5.189	15624055	26030756	516.264	500.281
8)	L2 AR-1221-1	4.621	3.859	2464629	4466639	156.444	164.541
9)	L2 AR-1221-2	4.712	3.946	3352243	5757269	283.874	289.168
10)	L2 AR-1221-3	4.788	4.023	12107846	20008275	343.845	336.084
11)	L3 AR-1232-1	4.788	4.023	12107846	20008275	411.881	421.685
12)	L3 AR-1232-2	5.322	4.757	16326308	47868755	1047.428	1128.487
13)	L3 AR-1232-3	5.614	4.933	28429755	25453562	1076.654	1147.188
14)	L3 AR-1232-4	5.776	5.017	14854097	25564567	1122.375	1210.770
15)	L3 AR-1232-5	5.867	5.189	13600452	26030756	1191.501	1135.587
16)	L4 AR-1242-1	5.592	4.738	19698835	33134474	575.464	592.061
17)	L4 AR-1242-2	5.614	4.757	28429755	47868755	579.371	600.335
18)	L4 AR-1242-3	5.677	4.933	18251295	25453562	580.911	597.232
19)	L4 AR-1242-4	5.776	5.017	14854097	25564567	579.236	585.457
20)	L4 AR-1242-5	6.517	5.544	4179517	25363924	161.782	510.621 #
21)	L5 AR-1248-1	5.592	4.738	19698835	33134474	776.144	805.449
22)	L5 AR-1248-2	5.867	4.976	13600452	21306031	351.384	353.819
23)	L5 AR-1248-3	6.072	5.017	15624055	25564567	369.836	414.943
24)	L5 AR-1248-4	6.478	5.189	4943798	26030756	118.742	361.558 #
25)	L5 AR-1248-5	6.517	5.585	4179517	6311442	102.461	95.650
26)	L6 AR-1254-1	6.451	5.544	13824812	25363924	295.941	250.346
27)	L6 AR-1254-2	6.672	5.692	11912565	18286329	173.128	207.144
28)	L6 AR-1254-3	7.040	6.113	5398318	34460066	78.214	249.267 #
29)	L6 AR-1254-4	7.326	6.329	3333809	2783216	74.059	34.625 #
30)	L6 AR-1254-5	7.745	6.746	31441835	62713566	669.160	524.418
31)	L7 AR-1260-1	7.204	6.228	28490080	51656121	520.755	521.575
32)	L7 AR-1260-2	7.462	6.418	30569992	64603203	513.447	558.324
33)	L7 AR-1260-3	7.823	6.572	22052103	57476223	560.339	516.716
34)	L7 AR-1260-4	8.049	7.046	22880447	46838813	515.166	540.270
35)	L7 AR-1260-5	8.371	7.290	41229012	100.9E6	515.558	547.289
36)	L8 AR-1262-1	7.823	6.839	22052103	26299189	346.232	457.101 #
37)	L8 AR-1262-2	8.371	7.046	41229012	46838813	448.942	396.946
38)	L8 AR-1262-3	8.697	7.573	26929210	22399179	418.461	263.212 #
39)	L8 AR-1262-4	8.776	7.636	8167239	67934208	245.951	449.713 #
40)	L8 AR-1262-5	9.440	8.135	10816931	22415046	362.480	351.466
41)	L9 AR-1268-1	8.697	7.573	26929210	22399179	237.120	91.857 #

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

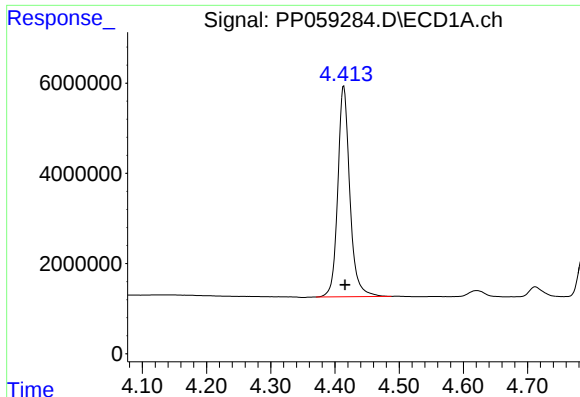
Instrument :
ECD_P
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 21:33:21 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080823.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 09 02:30:13 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
42) L9	AR-1268-2	8.776	7.636	8167239	67934208	82.987	310.173 #
43) L9	AR-1268-3	9.011	7.844	525163	1256338	5.665	6.425
44) L9	AR-1268-4	9.440	8.135	10816931	22415046	339.081	322.101
45) L9	AR-1268-5	9.863	8.426	3316247	6049077	12.216	11.669

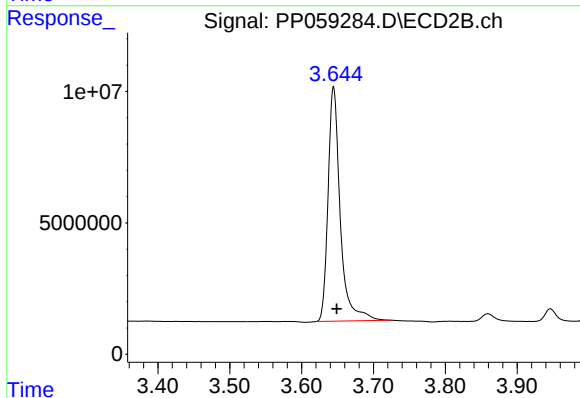
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

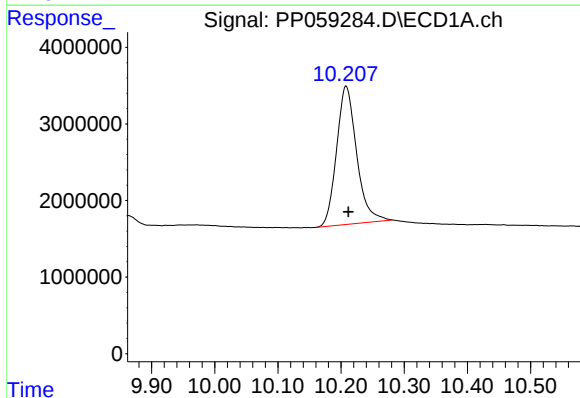
R.T.: 4.414 min
Delta R.T.: -0.002 min
Response: 60793722
Conc: 49.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



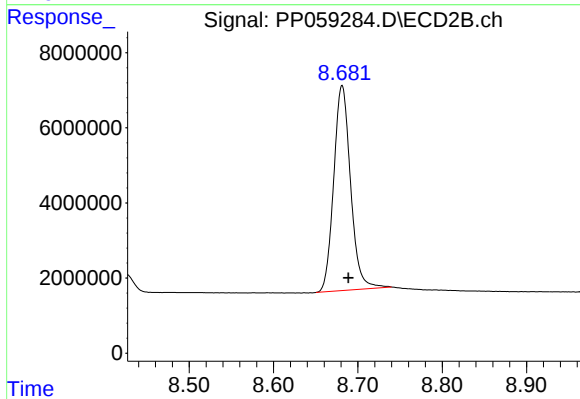
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.004 min
Response: 105441941
Conc: 52.04 ng/ml



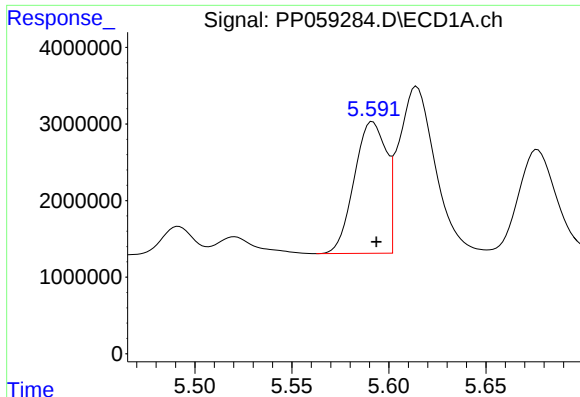
#2 Decachlorobiphenyl

R.T.: 10.208 min
Delta R.T.: -0.003 min
Response: 39872678
Conc: 52.24 ng/ml



#2 Decachlorobiphenyl

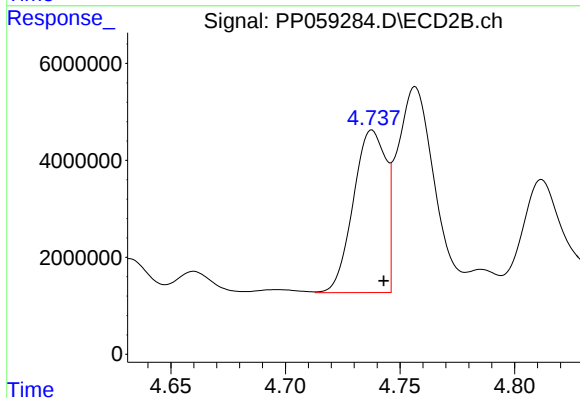
R.T.: 8.681 min
Delta R.T.: -0.007 min
Response: 75894963
Conc: 53.95 ng/ml



#3 AR-1016-1

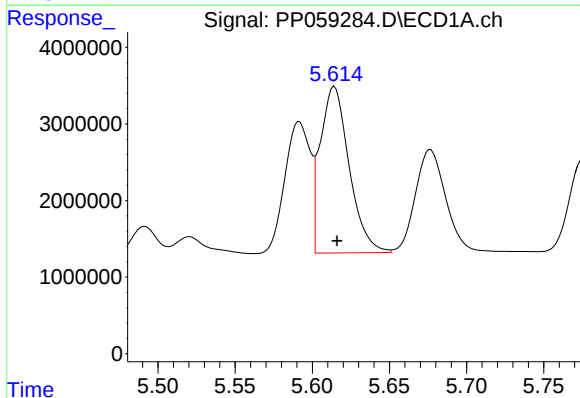
R.T.: 5.592 min
Delta R.T.: -0.002 min
Response: 19698835
Conc: 501.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



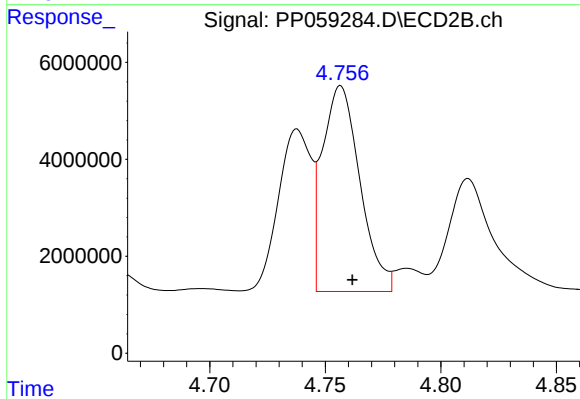
#3 AR-1016-1

R.T.: 4.738 min
Delta R.T.: -0.005 min
Response: 33134474
Conc: 516.61 ng/ml



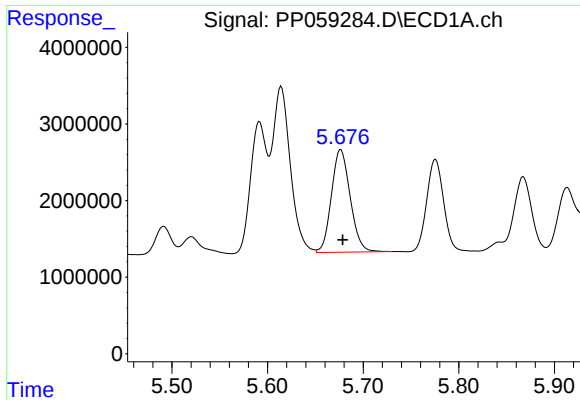
#4 AR-1016-2

R.T.: 5.614 min
Delta R.T.: -0.002 min
Response: 28429755
Conc: 501.52 ng/ml



#4 AR-1016-2

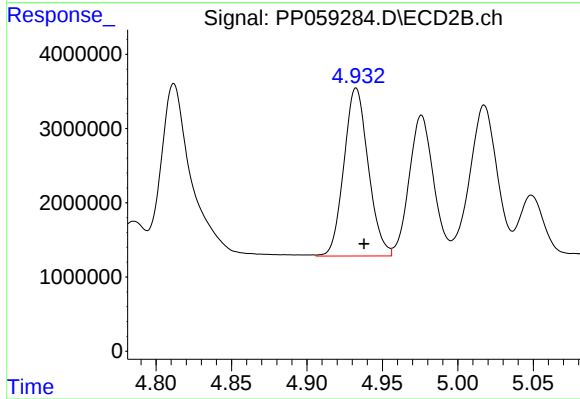
R.T.: 4.757 min
Delta R.T.: -0.005 min
Response: 47868755
Conc: 526.96 ng/ml



#5 AR-1016-3

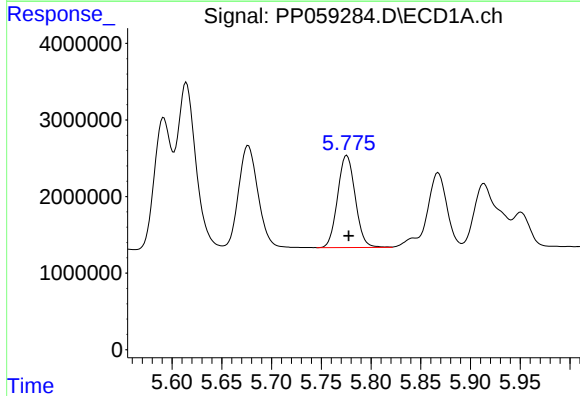
R.T.: 5.677 min
Delta R.T.: -0.002 min
Response: 18251295
Conc: 508.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



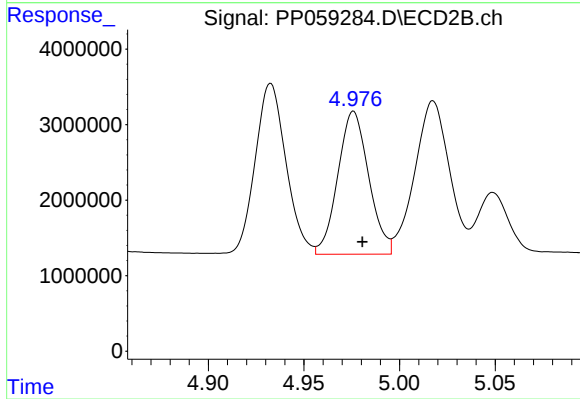
#5 AR-1016-3

R.T.: 4.933 min
Delta R.T.: -0.005 min
Response: 25453562
Conc: 529.76 ng/ml



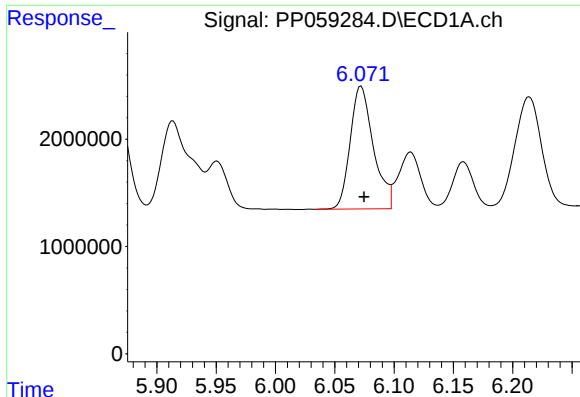
#6 AR-1016-4

R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 14854097
Conc: 512.79 ng/ml



#6 AR-1016-4

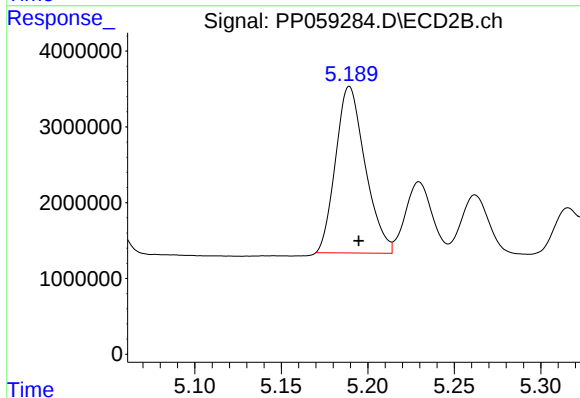
R.T.: 4.976 min
Delta R.T.: -0.005 min
Response: 21306031
Conc: 515.99 ng/ml



#7 AR-1016-5

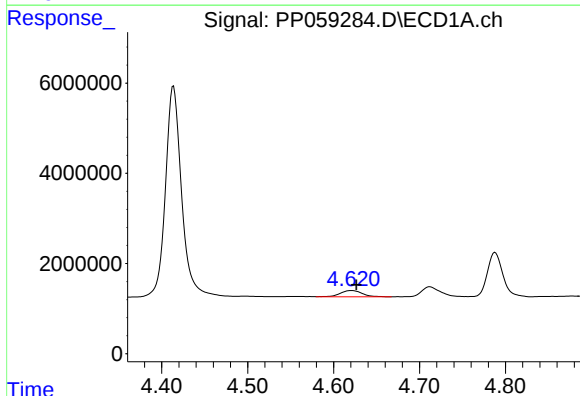
R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 15624055
Conc: 516.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



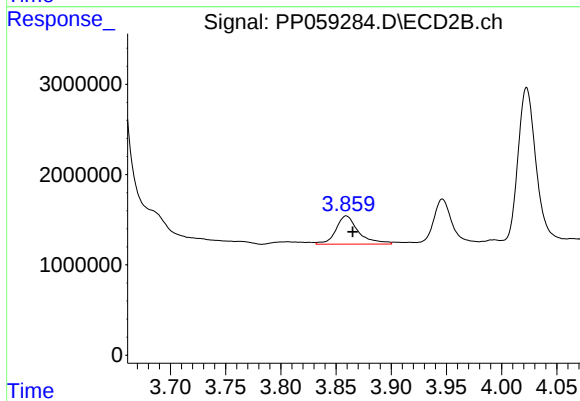
#7 AR-1016-5

R.T.: 5.189 min
Delta R.T.: -0.005 min
Response: 26030756
Conc: 500.28 ng/ml



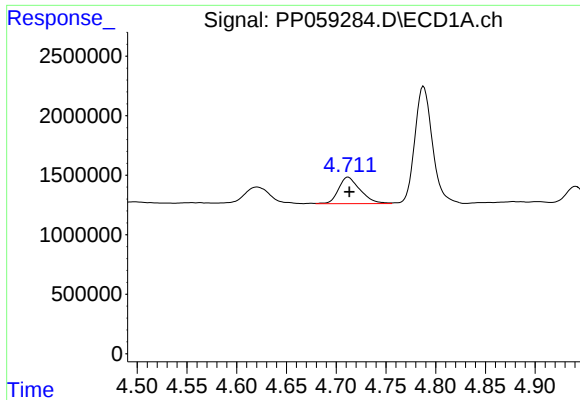
#8 AR-1221-1

R.T.: 4.621 min
Delta R.T.: -0.006 min
Response: 2464629
Conc: 156.44 ng/ml



#8 AR-1221-1

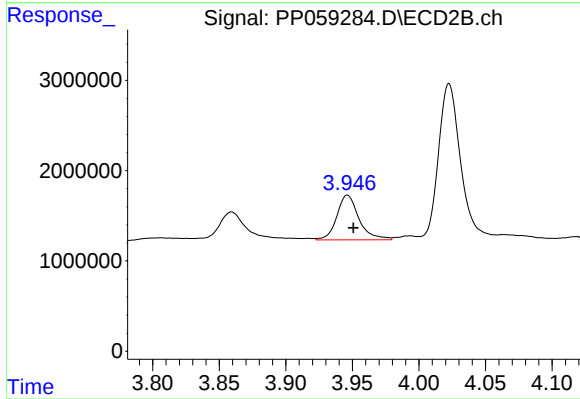
R.T.: 3.859 min
Delta R.T.: -0.006 min
Response: 4466639
Conc: 164.54 ng/ml



#9 AR-1221-2

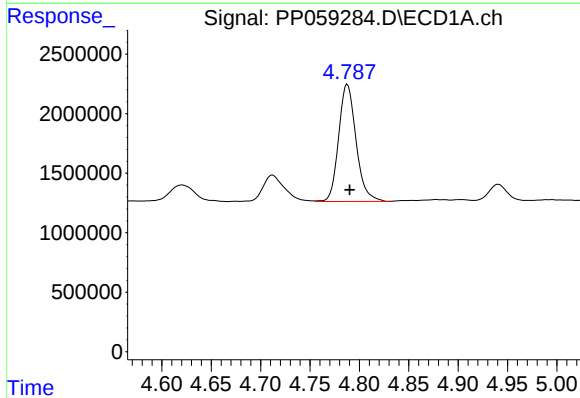
R.T.: 4.712 min
Delta R.T.: -0.001 min
Response: 3352243
Conc: 283.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



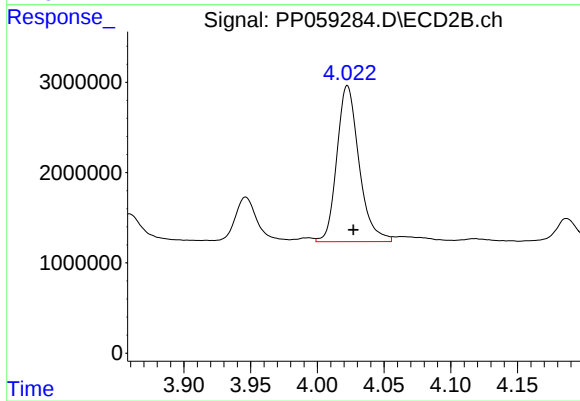
#9 AR-1221-2

R.T.: 3.946 min
Delta R.T.: -0.004 min
Response: 5757269
Conc: 289.17 ng/ml



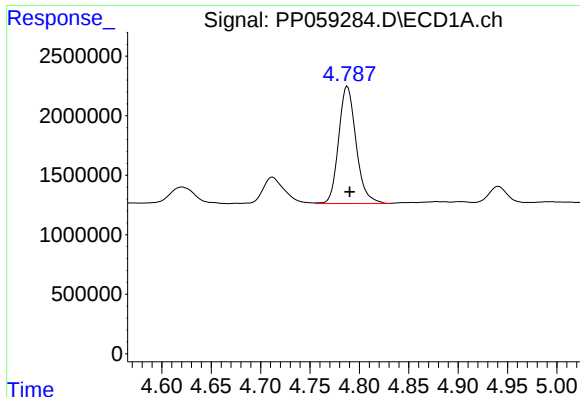
#10 AR-1221-3

R.T.: 4.788 min
Delta R.T.: -0.003 min
Response: 12107846
Conc: 343.85 ng/ml



#10 AR-1221-3

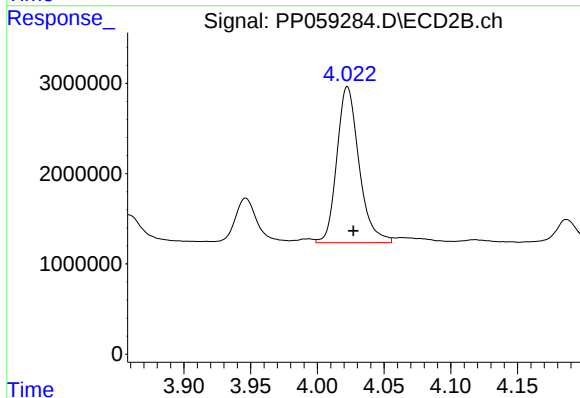
R.T.: 4.023 min
Delta R.T.: -0.005 min
Response: 20008275
Conc: 336.08 ng/ml



#11 AR-1232-1

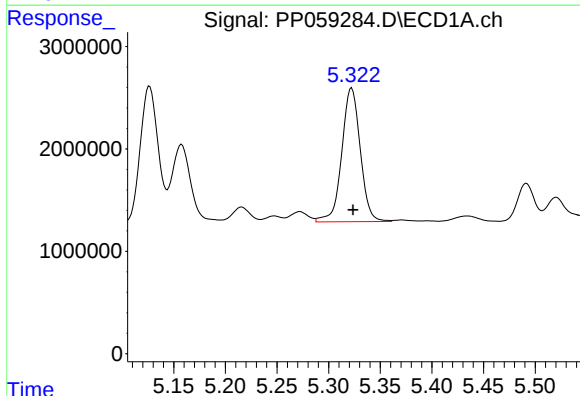
R.T.: 4.788 min
Delta R.T.: -0.003 min
Response: 12107846
Conc: 411.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



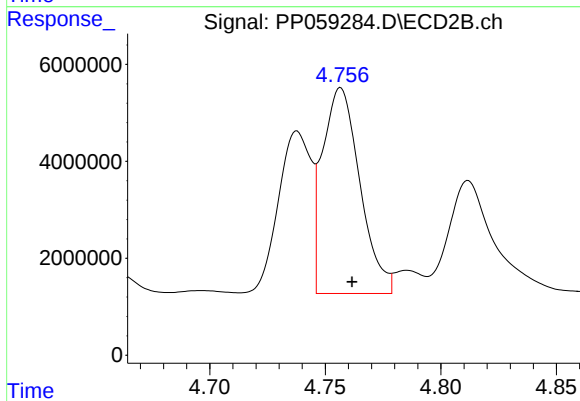
#11 AR-1232-1

R.T.: 4.023 min
Delta R.T.: -0.004 min
Response: 20008275
Conc: 421.69 ng/ml



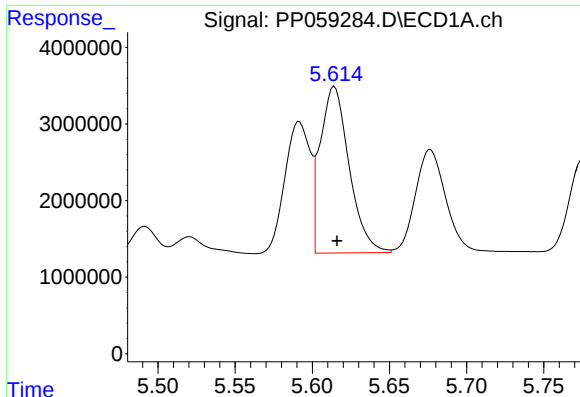
#12 AR-1232-2

R.T.: 5.322 min
Delta R.T.: -0.001 min
Response: 16326308
Conc: 1047.43 ng/ml



#12 AR-1232-2

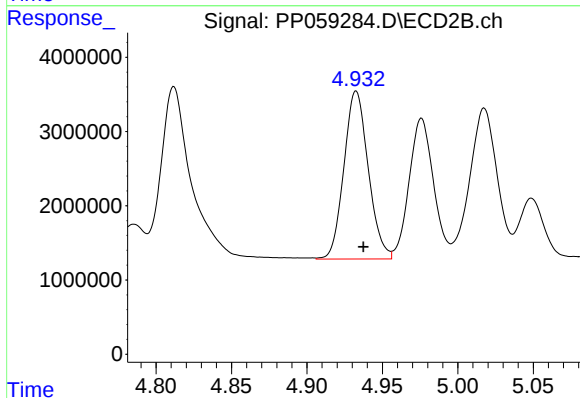
R.T.: 4.757 min
Delta R.T.: -0.005 min
Response: 47868755
Conc: 1128.49 ng/ml



#13 AR-1232-3

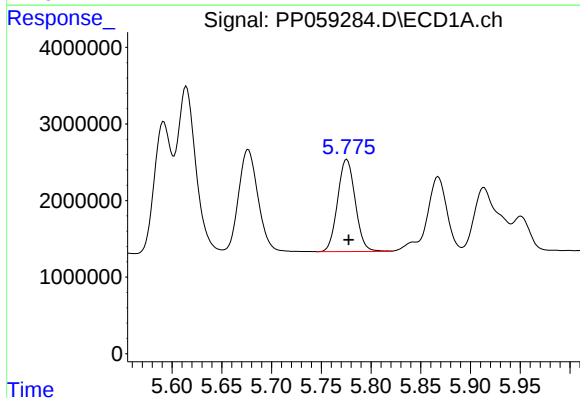
R.T.: 5.614 min
Delta R.T.: -0.002 min
Response: 28429755
Conc: 1076.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



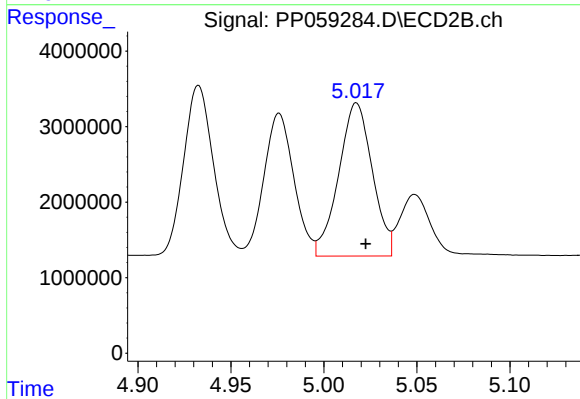
#13 AR-1232-3

R.T.: 4.933 min
Delta R.T.: -0.005 min
Response: 25453562
Conc: 1147.19 ng/ml



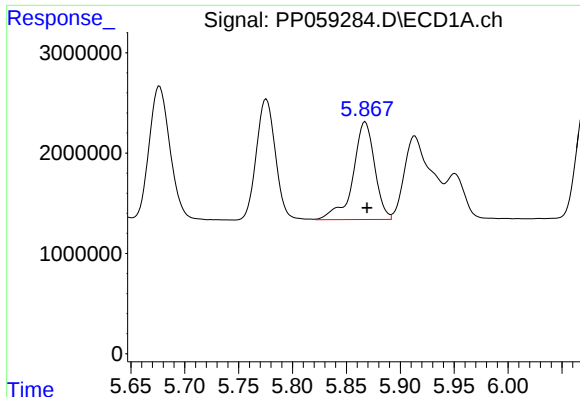
#14 AR-1232-4

R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 14854097
Conc: 1122.37 ng/ml



#14 AR-1232-4

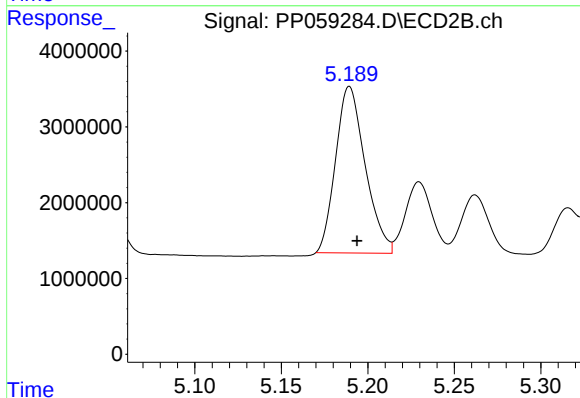
R.T.: 5.017 min
Delta R.T.: -0.005 min
Response: 25564567
Conc: 1210.77 ng/ml



#15 AR-1232-5

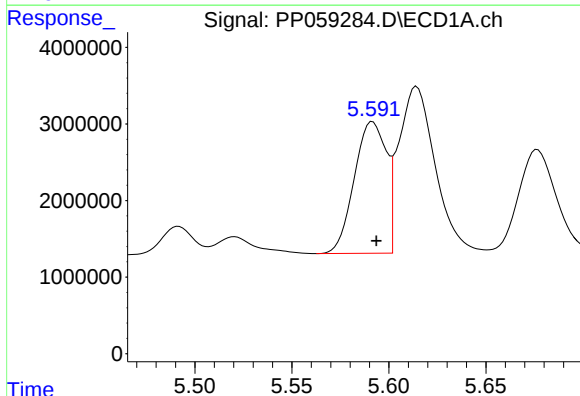
R.T.: 5.867 min
Delta R.T.: -0.002 min
Response: 13600452
Conc: 1191.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



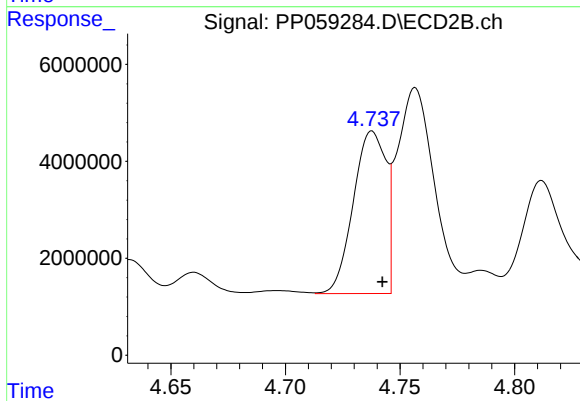
#15 AR-1232-5

R.T.: 5.189 min
Delta R.T.: -0.004 min
Response: 26030756
Conc: 1135.59 ng/ml



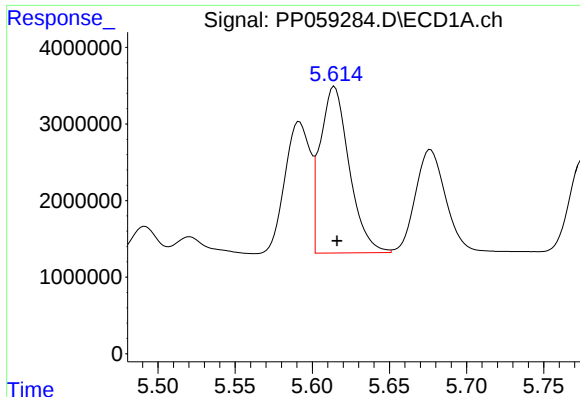
#16 AR-1242-1

R.T.: 5.592 min
Delta R.T.: -0.002 min
Response: 19698835
Conc: 575.46 ng/ml



#16 AR-1242-1

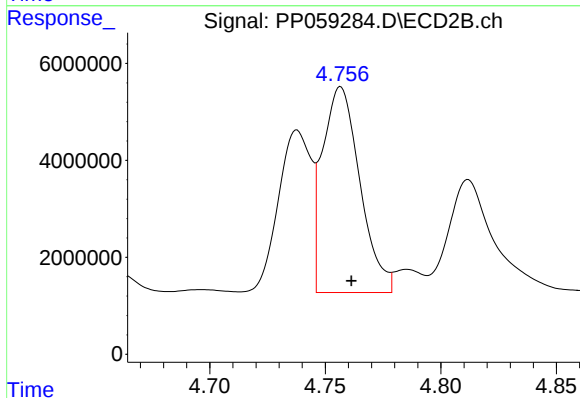
R.T.: 4.738 min
Delta R.T.: -0.005 min
Response: 33134474
Conc: 592.06 ng/ml



#17 AR-1242-2

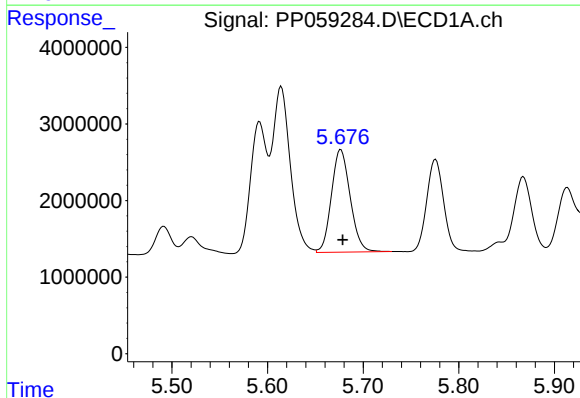
R.T.: 5.614 min
Delta R.T.: -0.002 min
Response: 28429755
Conc: 579.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



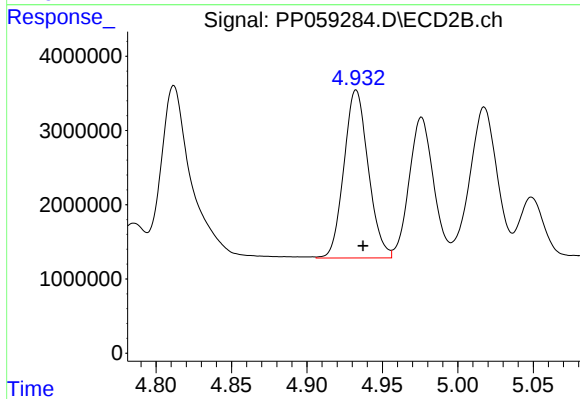
#17 AR-1242-2

R.T.: 4.757 min
Delta R.T.: -0.005 min
Response: 47868755
Conc: 600.34 ng/ml



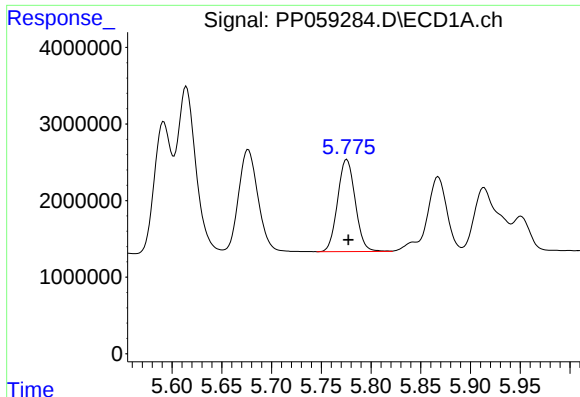
#18 AR-1242-3

R.T.: 5.677 min
Delta R.T.: -0.002 min
Response: 18251295
Conc: 580.91 ng/ml



#18 AR-1242-3

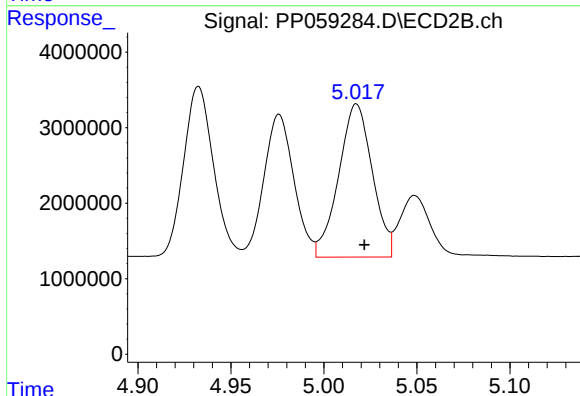
R.T.: 4.933 min
Delta R.T.: -0.005 min
Response: 25453562
Conc: 597.23 ng/ml



#19 AR-1242-4

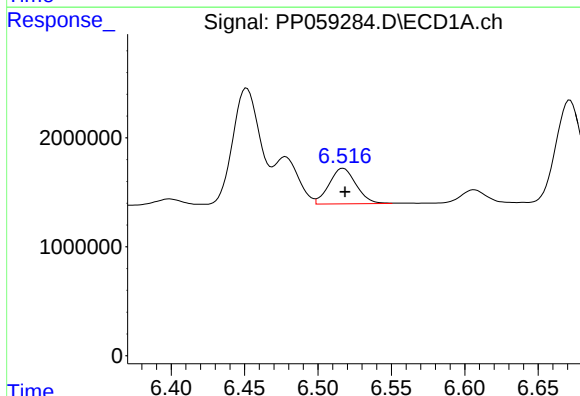
R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 14854097
Conc: 579.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



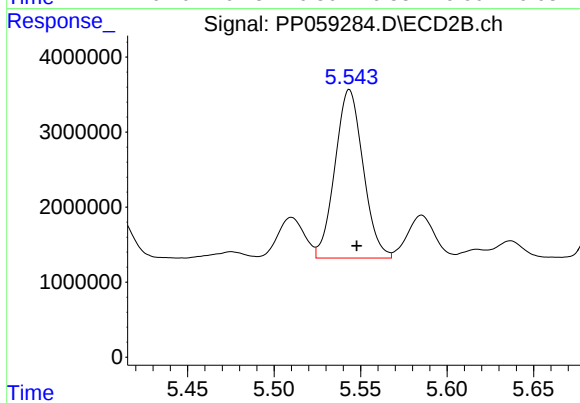
#19 AR-1242-4

R.T.: 5.017 min
Delta R.T.: -0.004 min
Response: 25564567
Conc: 585.46 ng/ml



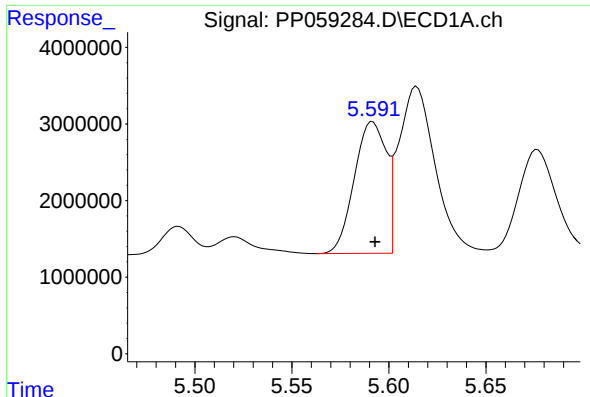
#20 AR-1242-5

R.T.: 6.517 min
Delta R.T.: -0.001 min
Response: 4179517
Conc: 161.78 ng/ml



#20 AR-1242-5

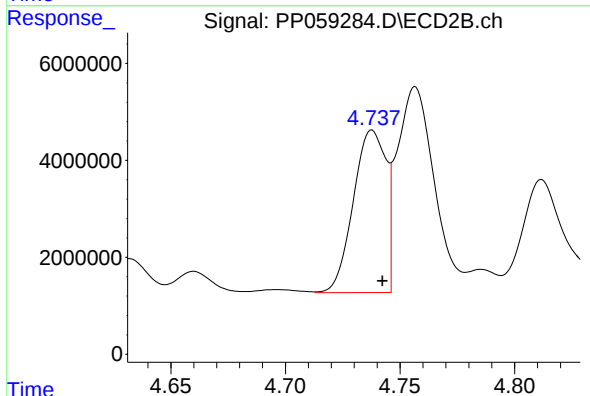
R.T.: 5.544 min
Delta R.T.: -0.004 min
Response: 25363924
Conc: 510.62 ng/ml



#21 AR-1248-1

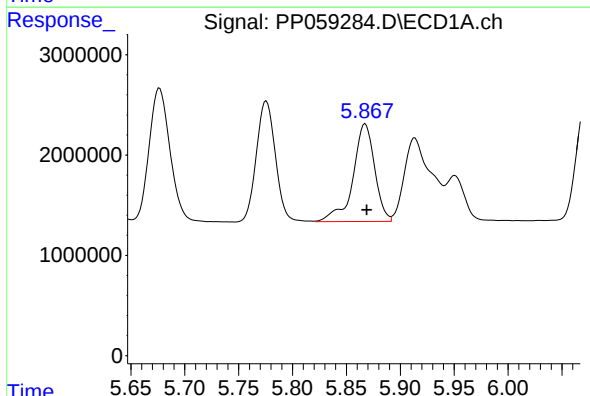
R.T.: 5.592 min
Delta R.T.: -0.001 min
Response: 19698835
Conc: 776.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



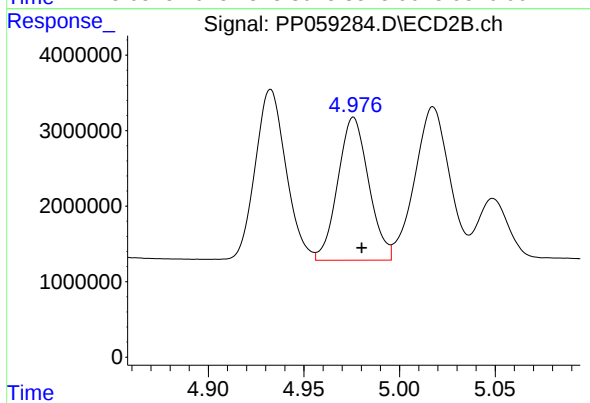
#21 AR-1248-1

R.T.: 4.738 min
Delta R.T.: -0.005 min
Response: 33134474
Conc: 805.45 ng/ml



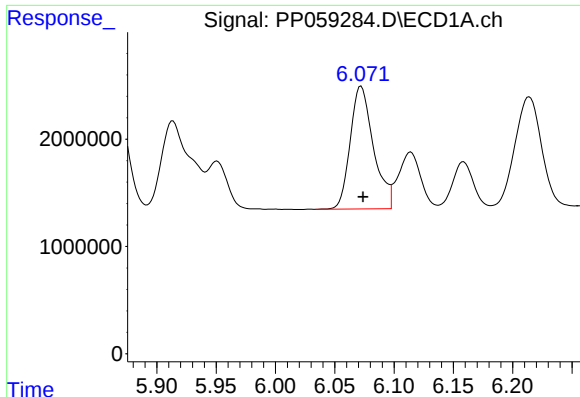
#22 AR-1248-2

R.T.: 5.867 min
Delta R.T.: -0.002 min
Response: 13600452
Conc: 351.38 ng/ml



#22 AR-1248-2

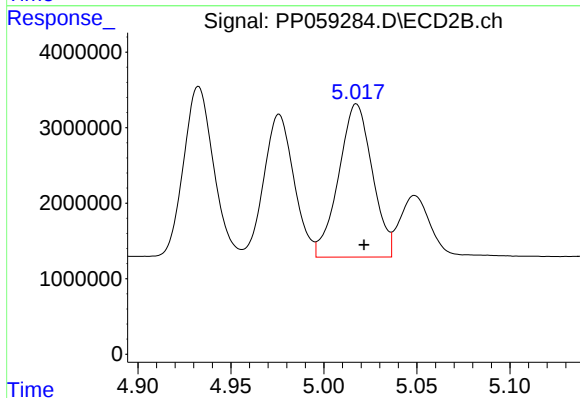
R.T.: 4.976 min
Delta R.T.: -0.004 min
Response: 21306031
Conc: 353.82 ng/ml



#23 AR-1248-3

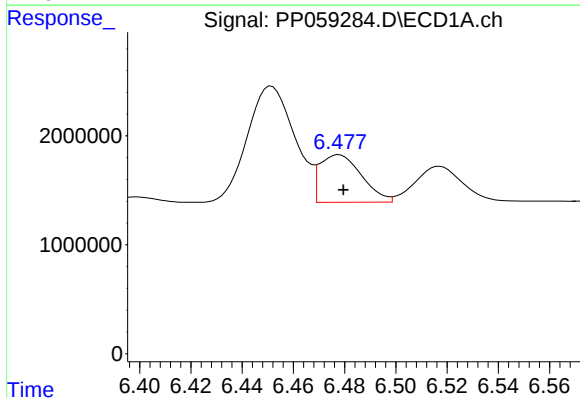
R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 15624055
Conc: 369.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



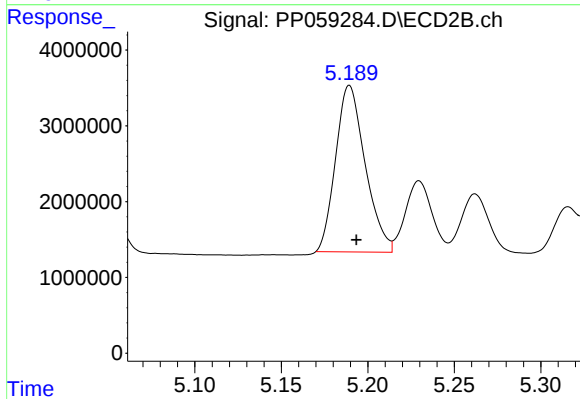
#23 AR-1248-3

R.T.: 5.017 min
Delta R.T.: -0.004 min
Response: 25564567
Conc: 414.94 ng/ml



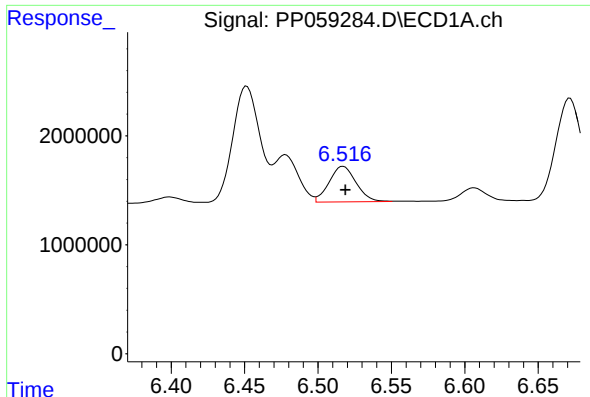
#24 AR-1248-4

R.T.: 6.478 min
Delta R.T.: -0.002 min
Response: 4943798
Conc: 118.74 ng/ml



#24 AR-1248-4

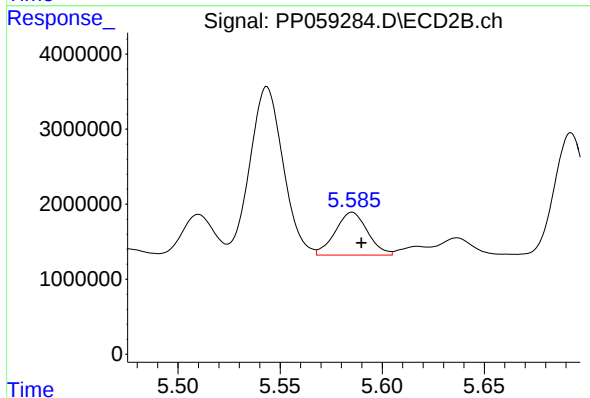
R.T.: 5.189 min
Delta R.T.: -0.004 min
Response: 26030756
Conc: 361.56 ng/ml



#25 AR-1248-5

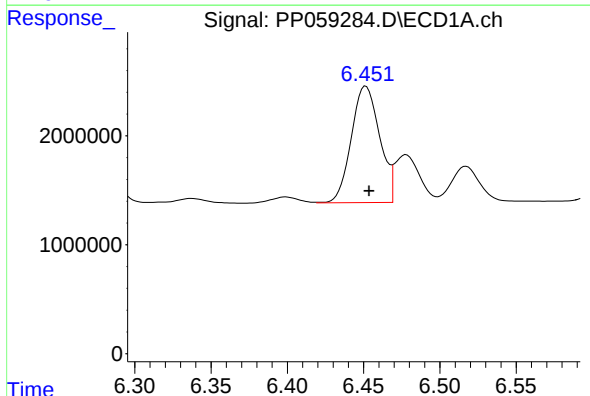
R.T.: 6.517 min
Delta R.T.: -0.001 min
Response: 4179517
Conc: 102.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



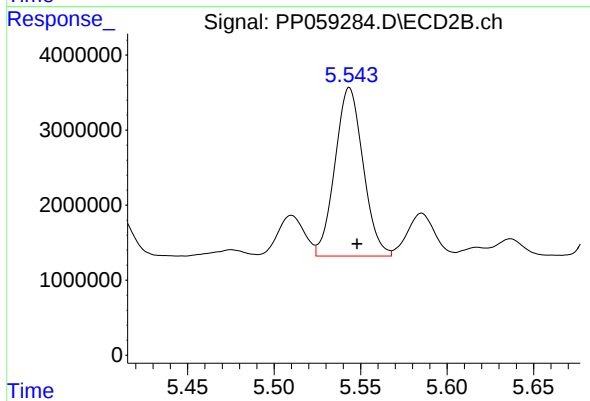
#25 AR-1248-5

R.T.: 5.585 min
Delta R.T.: -0.005 min
Response: 6311442
Conc: 95.65 ng/ml



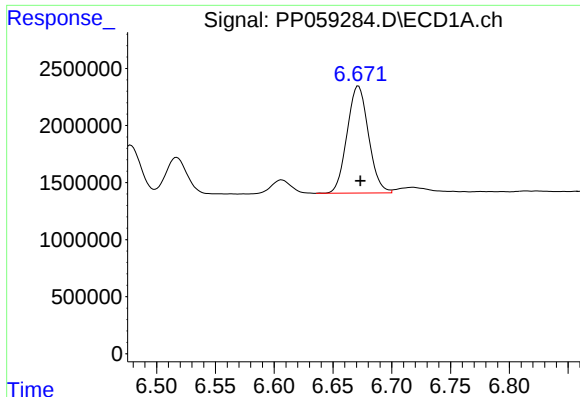
#26 AR-1254-1

R.T.: 6.451 min
Delta R.T.: -0.002 min
Response: 13824812
Conc: 295.94 ng/ml



#26 AR-1254-1

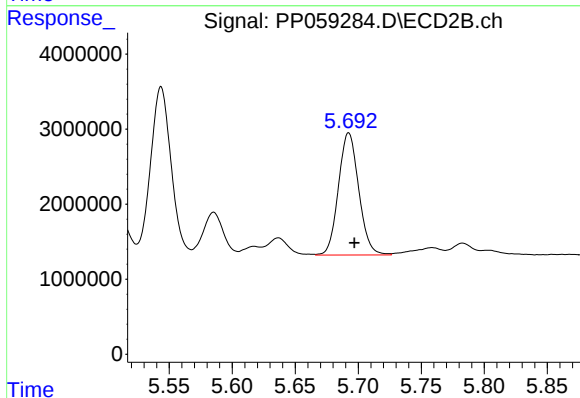
R.T.: 5.544 min
Delta R.T.: -0.004 min
Response: 25363924
Conc: 250.35 ng/ml



#27 AR-1254-2

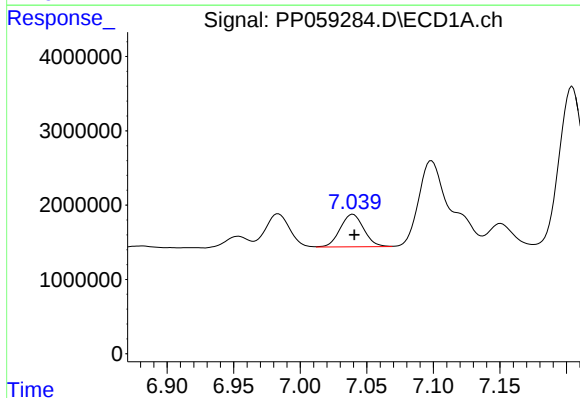
R.T.: 6.672 min
Delta R.T.: -0.002 min
Response: 11912565
Conc: 173.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



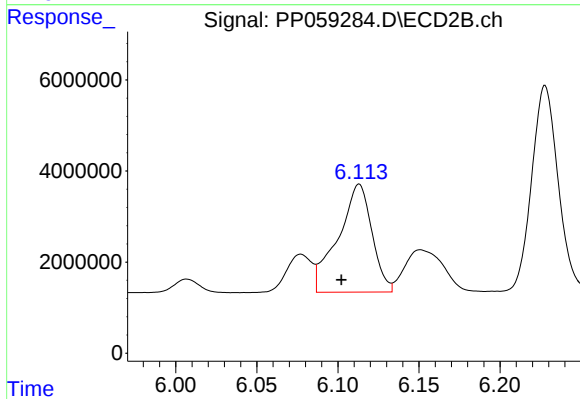
#27 AR-1254-2

R.T.: 5.692 min
Delta R.T.: -0.005 min
Response: 18286329
Conc: 207.14 ng/ml



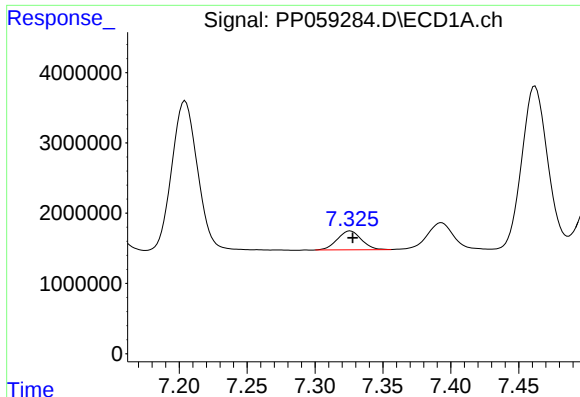
#28 AR-1254-3

R.T.: 7.040 min
Delta R.T.: -0.001 min
Response: 5398318
Conc: 78.21 ng/ml



#28 AR-1254-3

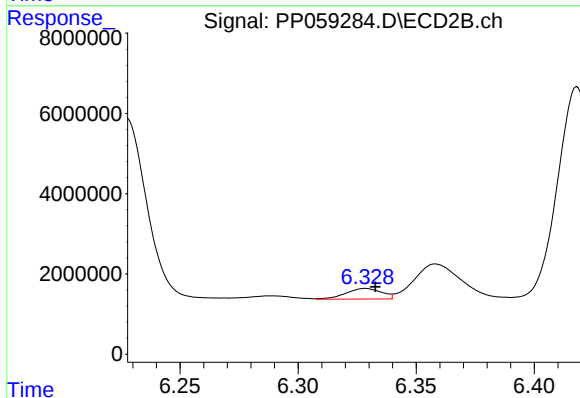
R.T.: 6.113 min
Delta R.T.: 0.011 min
Response: 34460066
Conc: 249.27 ng/ml



#29 AR-1254-4

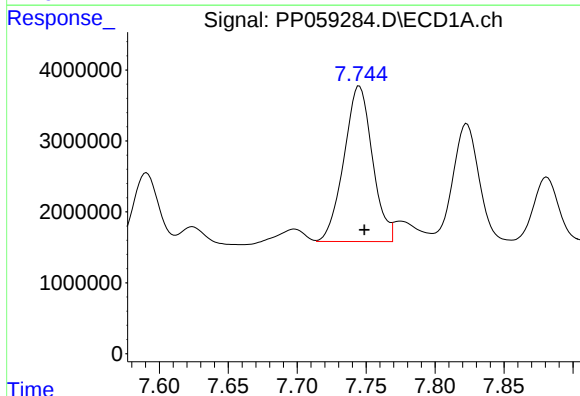
R.T.: 7.326 min
Delta R.T.: -0.002 min
Response: 3333809
Conc: 74.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



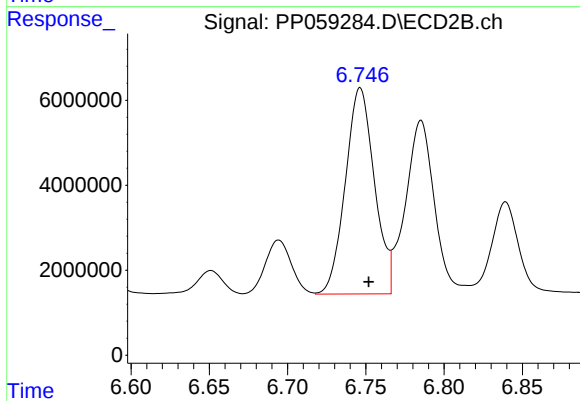
#29 AR-1254-4

R.T.: 6.329 min
Delta R.T.: -0.004 min
Response: 2783216
Conc: 34.63 ng/ml



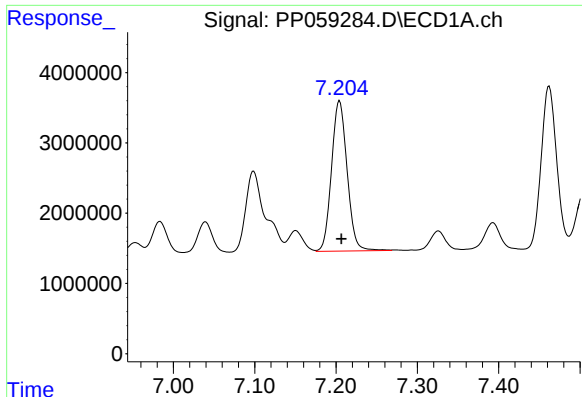
#30 AR-1254-5

R.T.: 7.745 min
Delta R.T.: -0.004 min
Response: 31441835
Conc: 669.16 ng/ml



#30 AR-1254-5

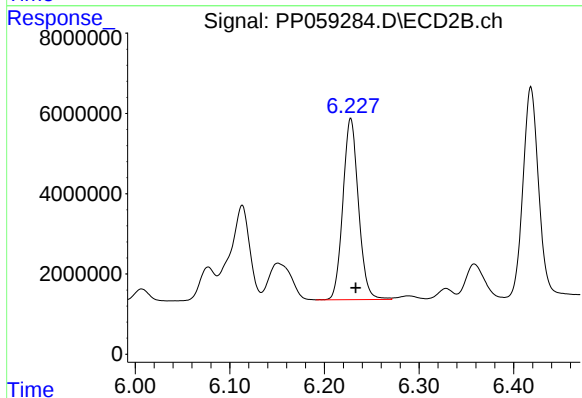
R.T.: 6.746 min
Delta R.T.: -0.005 min
Response: 62713566
Conc: 524.42 ng/ml



#31 AR-1260-1

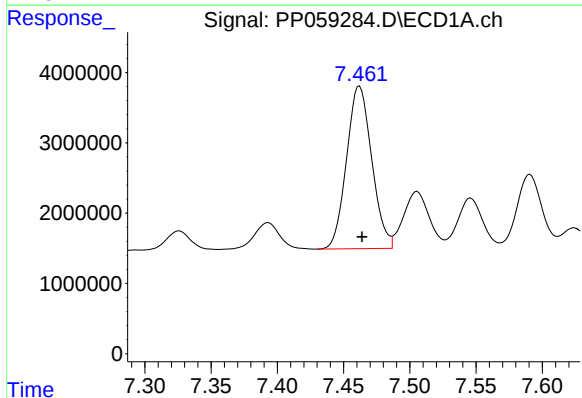
R.T.: 7.204 min
Delta R.T.: -0.002 min
Response: 28490080
Conc: 520.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



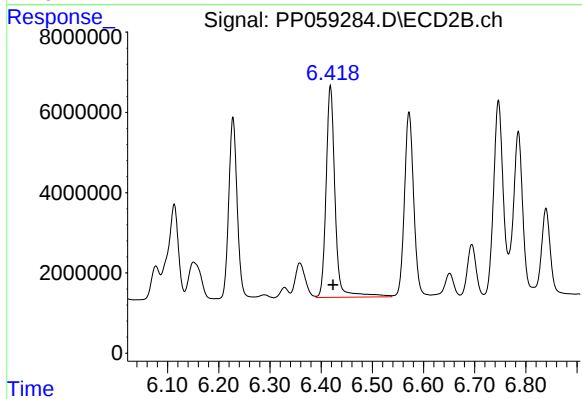
#31 AR-1260-1

R.T.: 6.228 min
Delta R.T.: -0.005 min
Response: 51656121
Conc: 521.57 ng/ml



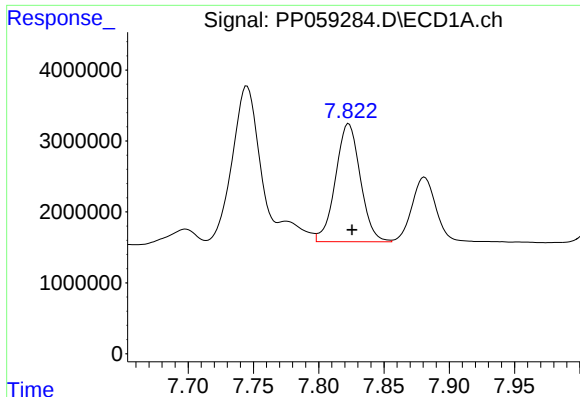
#32 AR-1260-2

R.T.: 7.462 min
Delta R.T.: -0.002 min
Response: 30569992
Conc: 513.45 ng/ml



#32 AR-1260-2

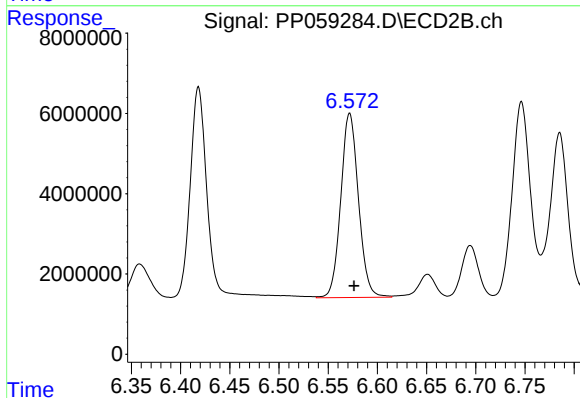
R.T.: 6.418 min
Delta R.T.: -0.005 min
Response: 64603203
Conc: 558.32 ng/ml



#33 AR-1260-3

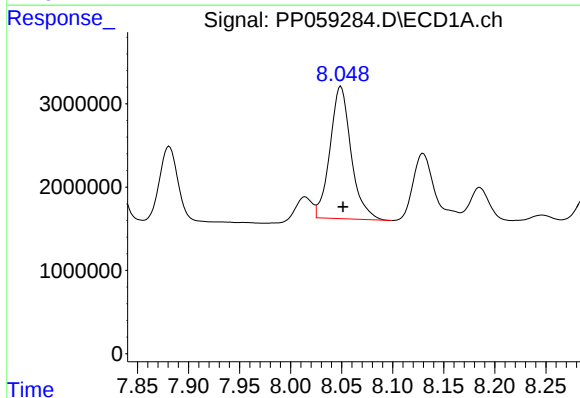
R.T.: 7.823 min
Delta R.T.: -0.003 min
Response: 22052103
Conc: 560.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



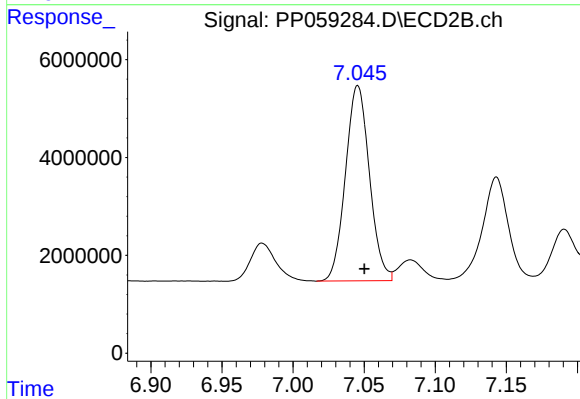
#33 AR-1260-3

R.T.: 6.572 min
Delta R.T.: -0.005 min
Response: 57476223
Conc: 516.72 ng/ml



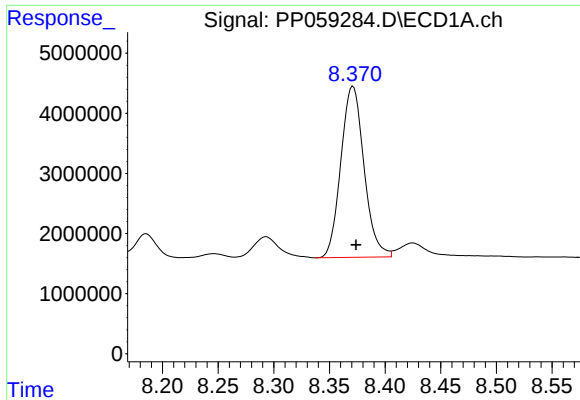
#34 AR-1260-4

R.T.: 8.049 min
Delta R.T.: -0.002 min
Response: 22880447
Conc: 515.17 ng/ml



#34 AR-1260-4

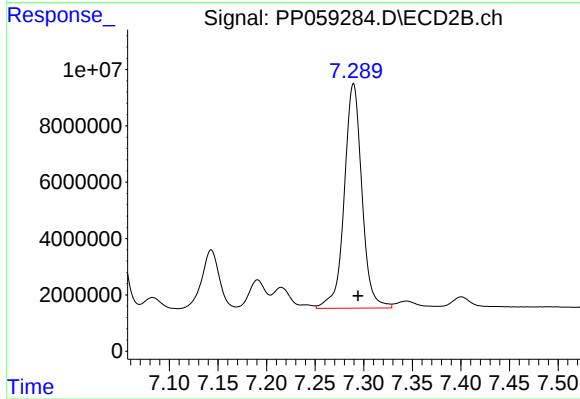
R.T.: 7.046 min
Delta R.T.: -0.005 min
Response: 46838813
Conc: 540.27 ng/ml



#35 AR-1260-5

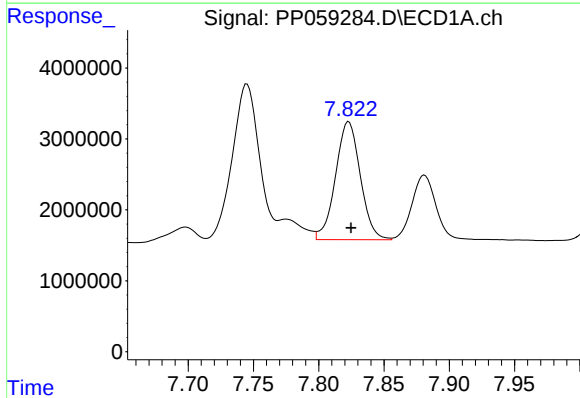
R.T.: 8.371 min
Delta R.T.: -0.003 min
Response: 41229012
Conc: 515.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



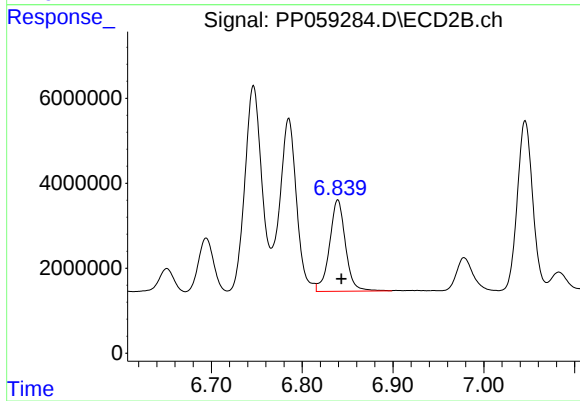
#35 AR-1260-5

R.T.: 7.290 min
Delta R.T.: -0.005 min
Response: 100878581
Conc: 547.29 ng/ml



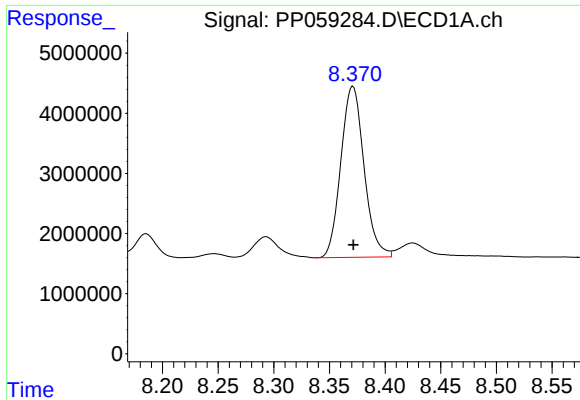
#36 AR-1262-1

R.T.: 7.823 min
Delta R.T.: -0.002 min
Response: 22052103
Conc: 346.23 ng/ml



#36 AR-1262-1

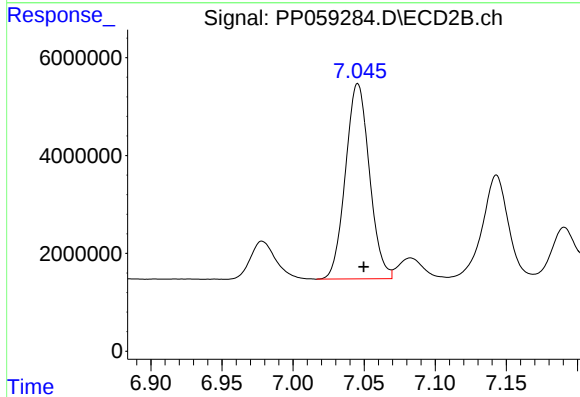
R.T.: 6.839 min
Delta R.T.: -0.004 min
Response: 26299189
Conc: 457.10 ng/ml



#37 AR-1262-2

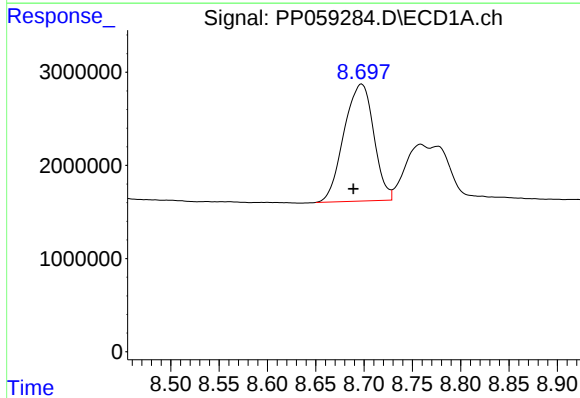
R.T.: 8.371 min
Delta R.T.: 0.000 min
Response: 41229012
Conc: 448.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



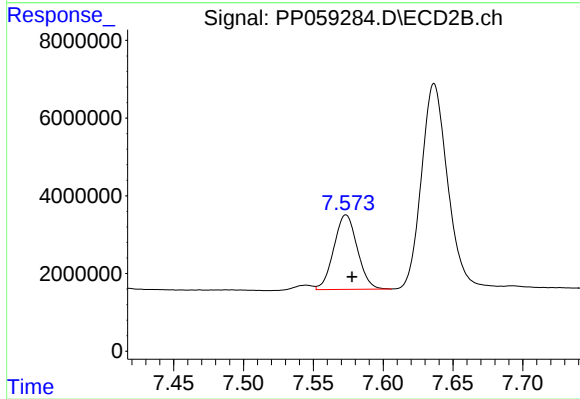
#37 AR-1262-2

R.T.: 7.046 min
Delta R.T.: -0.004 min
Response: 46838813
Conc: 396.95 ng/ml



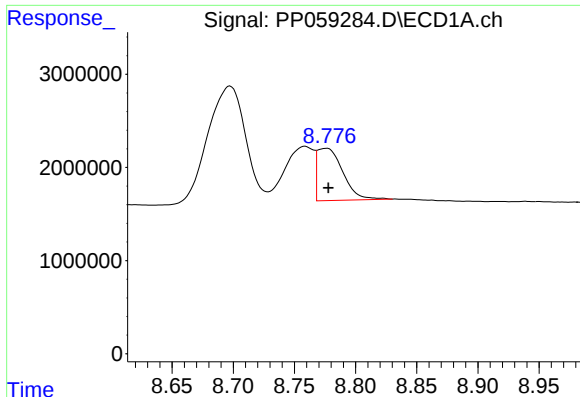
#38 AR-1262-3

R.T.: 8.697 min
Delta R.T.: 0.009 min
Response: 26929210
Conc: 418.46 ng/ml



#38 AR-1262-3

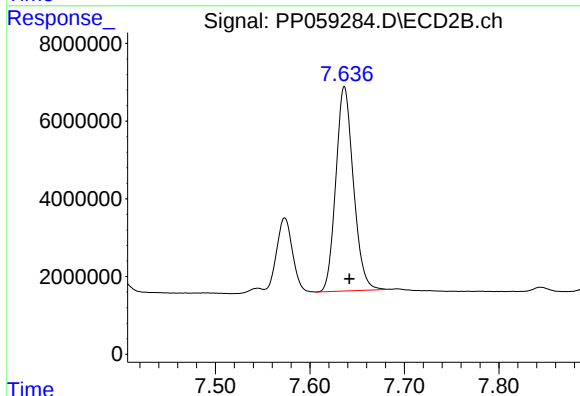
R.T.: 7.573 min
Delta R.T.: -0.004 min
Response: 22399179
Conc: 263.21 ng/ml



#39 AR-1262-4

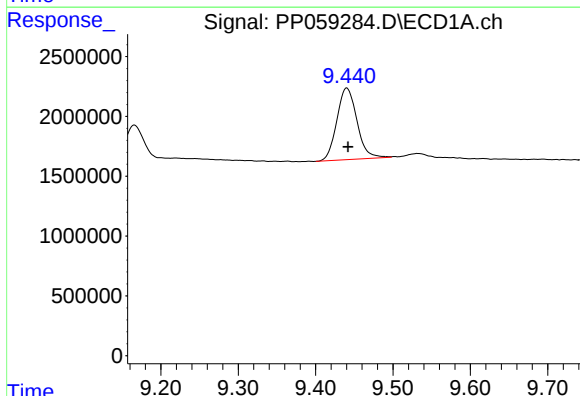
R.T.: 8.776 min
Delta R.T.: -0.001 min
Response: 8167239
Conc: 245.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



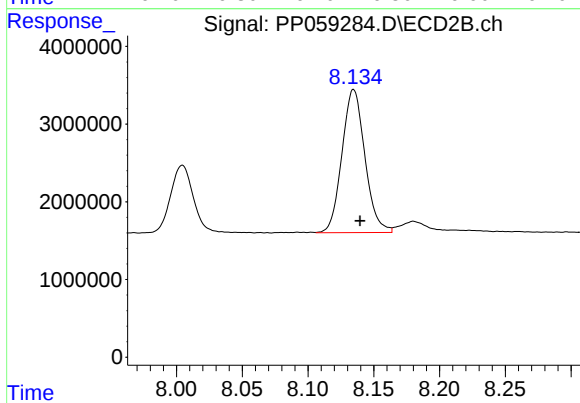
#39 AR-1262-4

R.T.: 7.636 min
Delta R.T.: -0.005 min
Response: 67934208
Conc: 449.71 ng/ml



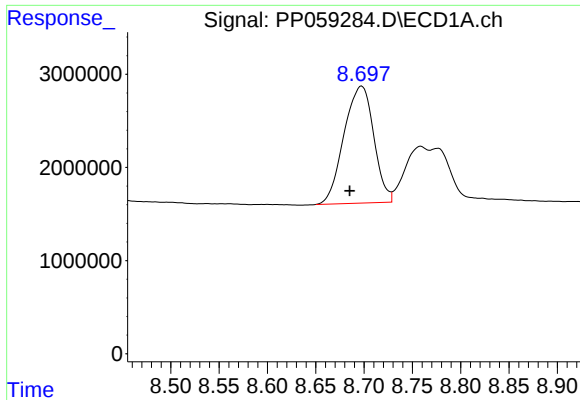
#40 AR-1262-5

R.T.: 9.440 min
Delta R.T.: -0.001 min
Response: 10816931
Conc: 362.48 ng/ml



#40 AR-1262-5

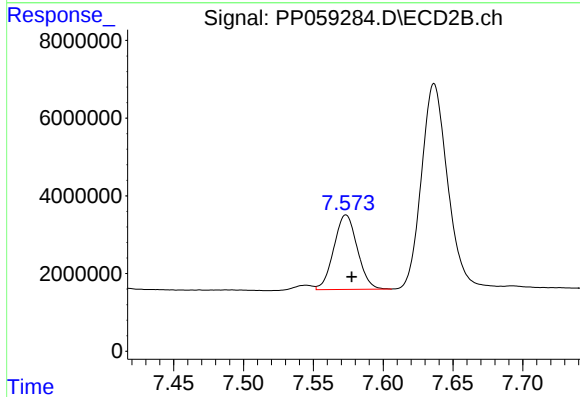
R.T.: 8.135 min
Delta R.T.: -0.005 min
Response: 22415046
Conc: 351.47 ng/ml



#41 AR-1268-1

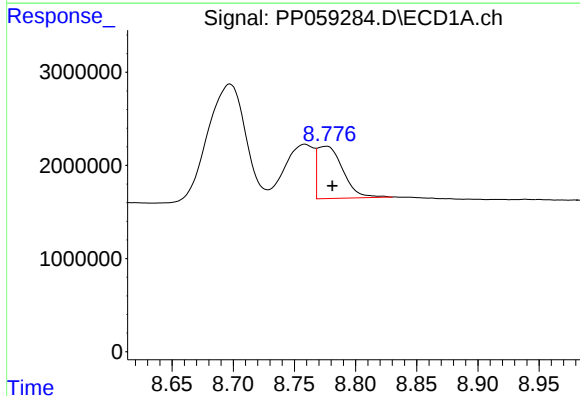
R.T.: 8.697 min
Delta R.T.: 0.012 min
Response: 26929210
Conc: 237.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



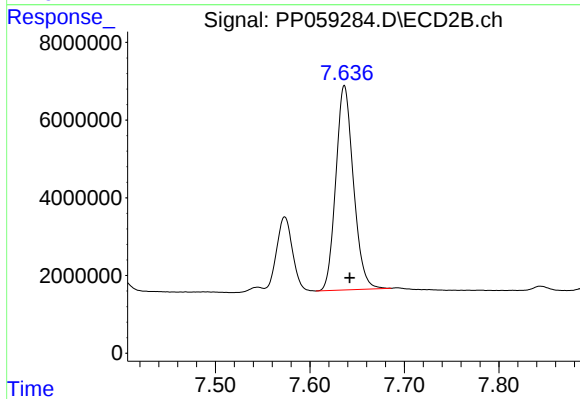
#41 AR-1268-1

R.T.: 7.573 min
Delta R.T.: -0.004 min
Response: 22399179
Conc: 91.86 ng/ml



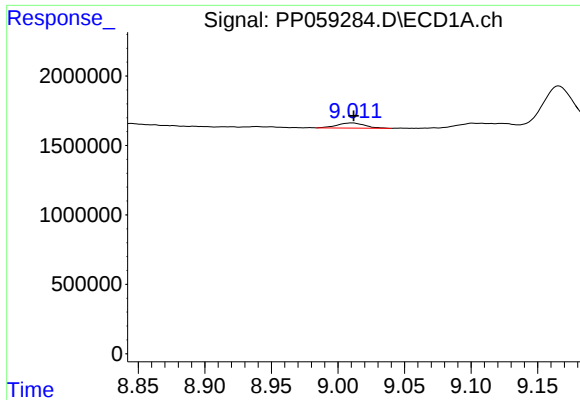
#42 AR-1268-2

R.T.: 8.776 min
Delta R.T.: -0.004 min
Response: 8167239
Conc: 82.99 ng/ml



#42 AR-1268-2

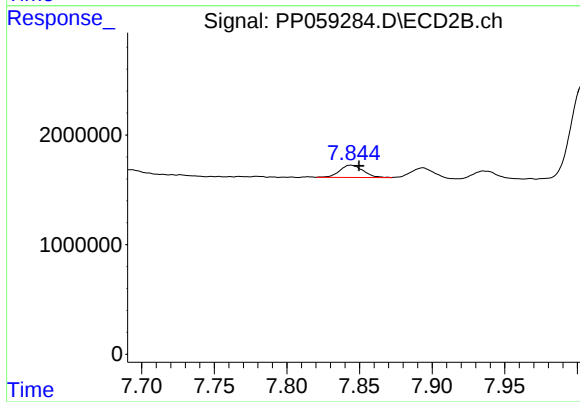
R.T.: 7.636 min
Delta R.T.: -0.006 min
Response: 67934208
Conc: 310.17 ng/ml



#43 AR-1268-3

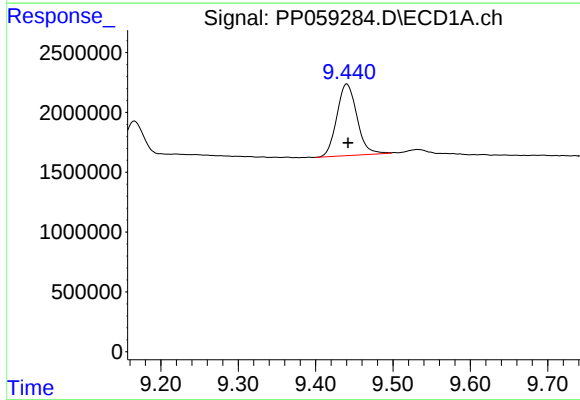
R.T.: 9.011 min
Delta R.T.: 0.000 min
Response: 525163
Conc: 5.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



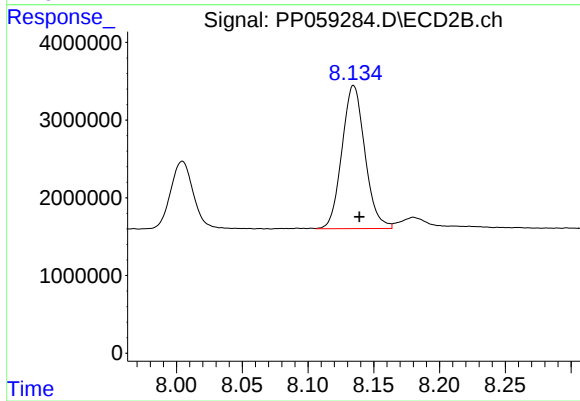
#43 AR-1268-3

R.T.: 7.844 min
Delta R.T.: -0.006 min
Response: 1256338
Conc: 6.43 ng/ml



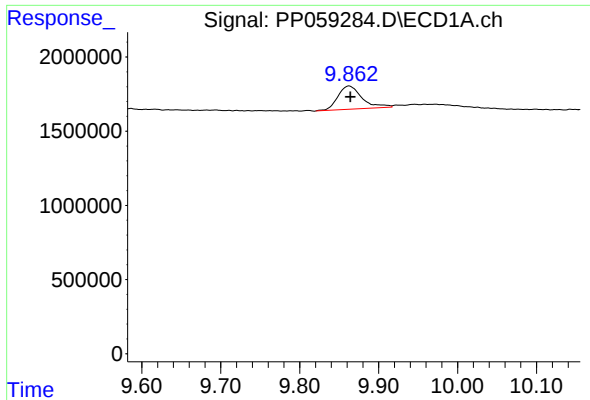
#44 AR-1268-4

R.T.: 9.440 min
Delta R.T.: -0.001 min
Response: 10816931
Conc: 339.08 ng/ml



#44 AR-1268-4

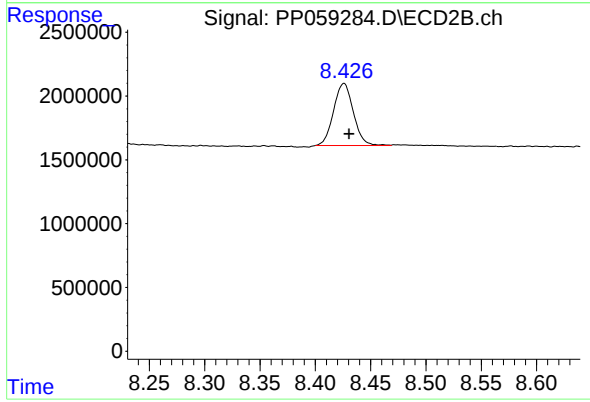
R.T.: 8.135 min
Delta R.T.: -0.004 min
Response: 22415046
Conc: 322.10 ng/ml



#45 AR-1268-5

R.T.: 9.863 min
Delta R.T.: -0.002 min
Response: 3316247
Conc: 12.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.426 min
Delta R.T.: -0.005 min
Response: 6049077
Conc: 11.67 ng/ml