

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0071922\
 Data File : P0088138.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jul 2022 12:10
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 00:20:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 15 03:57:23 2022
 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...	4.446	3.603	125.0E6	45217064	48.984	47.926
2)	SA Decachlor...	10.297	8.605	98197810	46169906	46.239	44.181
Target Compounds							
3)	L1 AR-1016-1	5.622	4.683	41635331	17087491	474.729	474.913
4)	L1 AR-1016-2	5.645	4.701	60006604	23338776	478.279	456.774
5)	L1 AR-1016-3	5.708	4.877	37556953	13196326	484.177	475.349
6)	L1 AR-1016-4	5.808	4.919	29898394	10948572	484.791	470.670
7)	L1 AR-1016-5	6.105	5.132	30119061	14554384	485.294	491.783
8)	L2 AR-1221-1	4.648	3.814	4137909	1541232	136.753	147.323
9)	L2 AR-1221-2	4.741	3.900	6143074	2178501	277.142	274.690
10)	L2 AR-1221-3	4.818	3.975	23393041	8363067	339.457	326.429
11)	L3 AR-1232-1	4.818	3.975	23393041	8363067	450.164	432.295
12)	L3 AR-1232-2	5.157	4.701	33388037	23338776	1302.343	1183.423
13)	L3 AR-1232-3	5.645	4.877	60006604	13196326	1247.842	1295.966
14)	L3 AR-1232-4	5.808	4.961	29898394	13543946	1285.619	1394.262
15)	L3 AR-1232-5	5.898	5.132	27633644	14554384	1422.275	1338.213
16)	L4 AR-1242-1	5.622	4.683	41635331	17087491	609.870	587.337
17)	L4 AR-1242-2	5.645	4.701	60006604	23338776	619.483	576.242
18)	L4 AR-1242-3	5.708	4.877	37556953	13196326	619.008	597.243
19)	L4 AR-1242-4	5.808	4.961	29898394	13543946	620.728	579.260
20)	L4 AR-1242-5	6.550	5.484	4785189	10935069	90.863	408.011 #
21)	L5 AR-1248-1	5.622	4.683	41635331	17087491	779.274	745.974
22)	L5 AR-1248-2	5.898	4.919	27633644	10948572	355.645	324.571
23)	L5 AR-1248-3	6.105	4.961	30119061	13543946	359.804	389.717
24)	L5 AR-1248-4	6.510	5.132	4550663	14554384	49.513	347.651 #
25)	L5 AR-1248-5	6.550	5.525	4785189	1514890	53.206	42.046
26)	L6 AR-1254-1	6.484	5.484	22932075	10935069	241.866	189.664
27)	L6 AR-1254-2	6.703	5.631	24432509	10218846	170.192	199.294
28)	L6 AR-1254-3	7.073	6.051	13400499	18012337	91.486	221.964 #
29)	L6 AR-1254-4	7.360	6.264	8952206	1962767	82.716	39.354 #
30)	L6 AR-1254-5	7.781	6.681	70550571	35216888	586.195	466.292
31)	L7 AR-1260-1	7.238	6.165	53584017	25355223	460.514	467.825
32)	L7 AR-1260-2	7.495	6.354	61654055	30440616	456.313	468.806
33)	L7 AR-1260-3	7.857	6.506	40231008	28449640	439.441	457.374
34)	L7 AR-1260-4	8.085	6.979	46336897	22075806	428.954	466.717
35)	L7 AR-1260-5	8.413	7.221	88284344	52767478	430.232	461.184
36)	L8 AR-1262-1	7.857	6.773	40231008	11899110	292.873	392.587 #
37)	L8 AR-1262-2	8.413	7.221	88284344	52767478	375.143	392.719
38)	L8 AR-1262-3	8.748	7.504	59480952	11079215	358.880	203.156 #
39)	L8 AR-1262-4	8.828	7.567	14125514	39579431	169.207	391.240 #
40)	L8 AR-1262-5	9.508	8.063	26667697	13776728	299.232	280.505
41)	L9 AR-1268-1	8.748	7.504	59480952	11079215	210.313	69.926 #

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 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

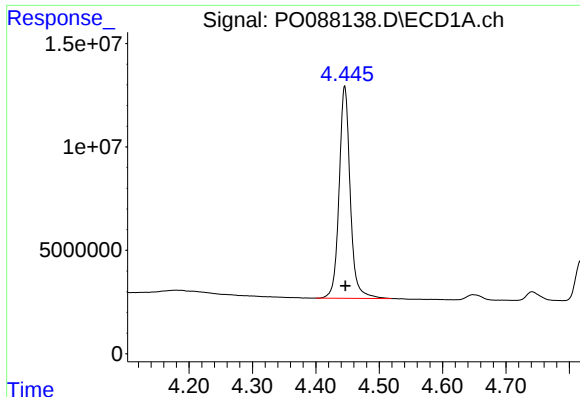
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 00:20:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0071422.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 15 03:57:23 2022
 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	8.828	7.567	14125514	39579431	54.329	275.160 #
43) L9	AR-1268-3	9.067	7.776	1579160	1063041	7.052	8.535
44) L9	AR-1268-4	9.508	8.063	26667697	13776728	271.993	256.798
45) L9	AR-1268-5	9.941	8.352	8654511	4086197	11.913	10.568

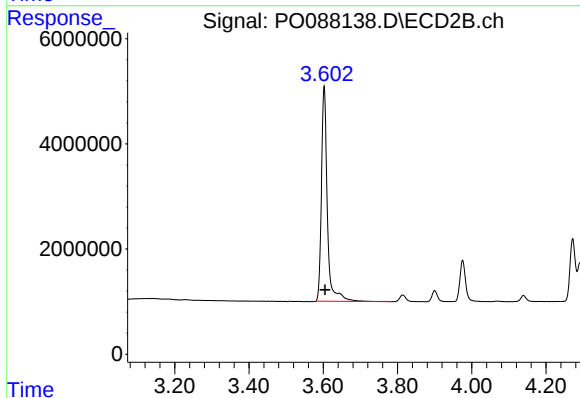
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

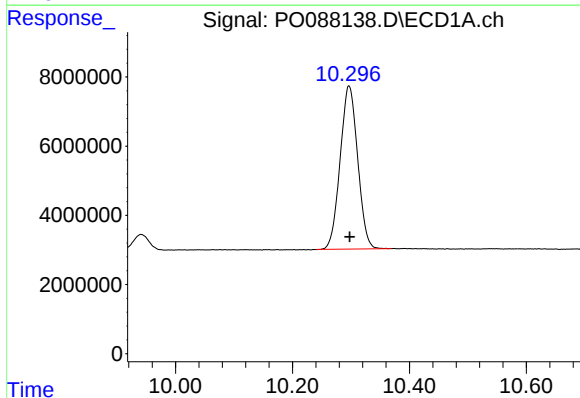
R.T.: 4.446 min
Delta R.T.: -0.001 min
Response: 124967698
Conc: 48.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



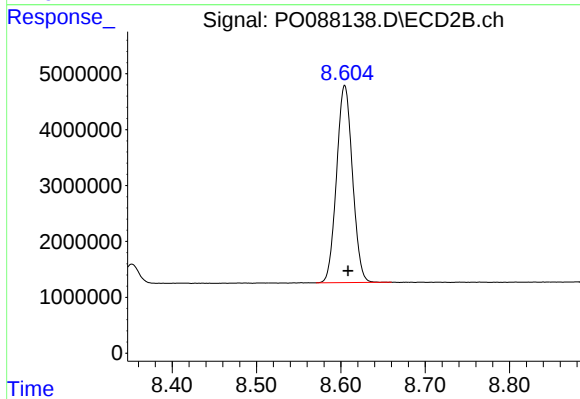
#1 Tetrachloro-m-xylene

R.T.: 3.603 min
Delta R.T.: -0.002 min
Response: 45217064
Conc: 47.93 ng/ml



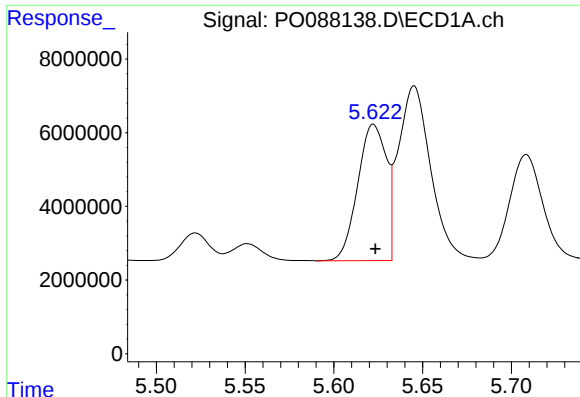
#2 Decachlorobiphenyl

R.T.: 10.297 min
Delta R.T.: -0.002 min
Response: 98197810
Conc: 46.24 ng/ml



#2 Decachlorobiphenyl

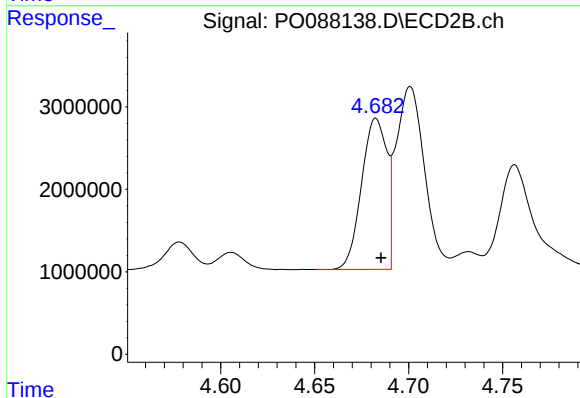
R.T.: 8.605 min
Delta R.T.: -0.004 min
Response: 46169906
Conc: 44.18 ng/ml



#3 AR-1016-1

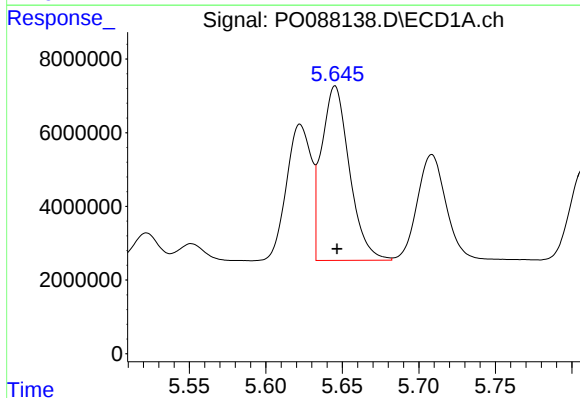
R.T.: 5.622 min
Delta R.T.: -0.001 min
Response: 41635331
Conc: 474.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



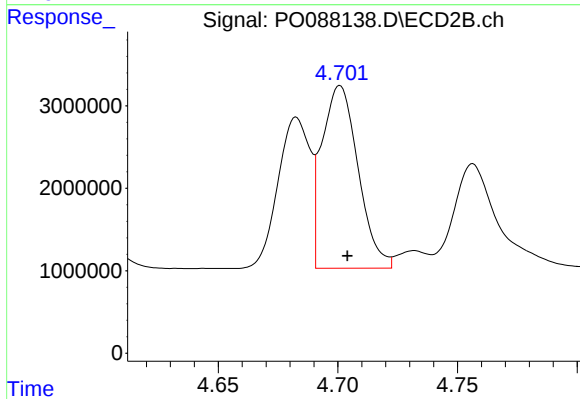
#3 AR-1016-1

R.T.: 4.683 min
Delta R.T.: -0.003 min
Response: 17087491
Conc: 474.91 ng/ml



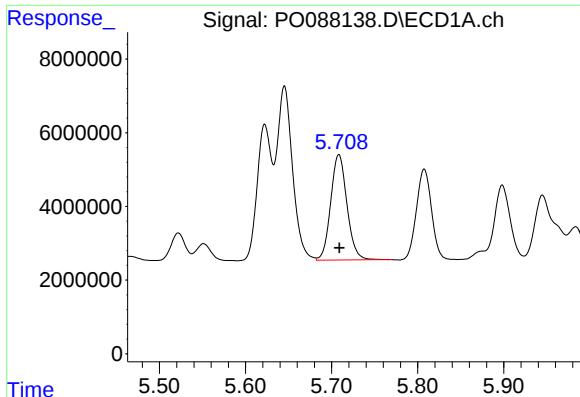
#4 AR-1016-2

R.T.: 5.645 min
Delta R.T.: -0.001 min
Response: 60006604
Conc: 478.28 ng/ml



#4 AR-1016-2

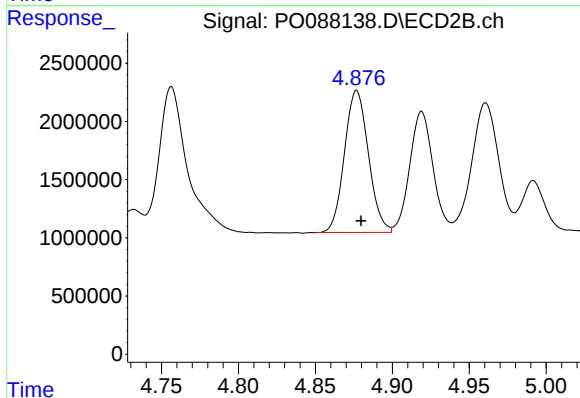
R.T.: 4.701 min
Delta R.T.: -0.003 min
Response: 23338776
Conc: 456.77 ng/ml



#5 AR-1016-3

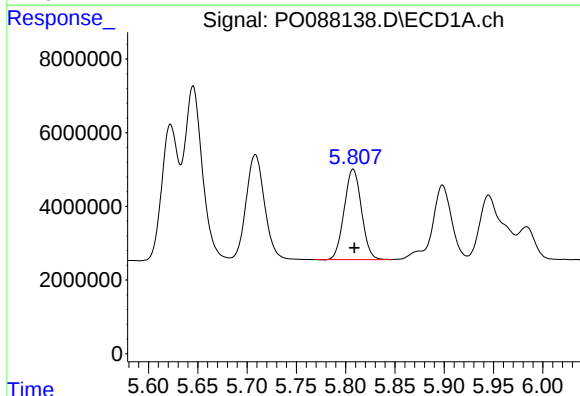
R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 37556953
Conc: 484.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



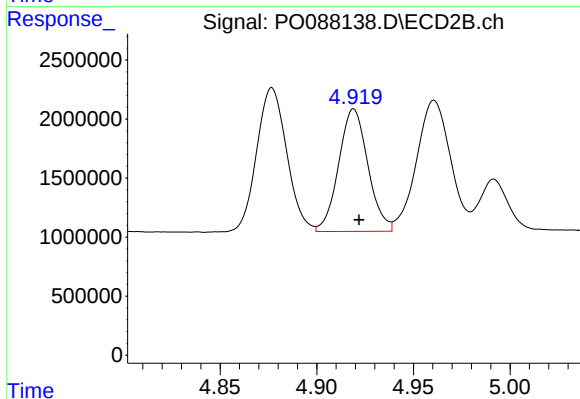
#5 AR-1016-3

R.T.: 4.877 min
Delta R.T.: -0.003 min
Response: 13196326
Conc: 475.35 ng/ml



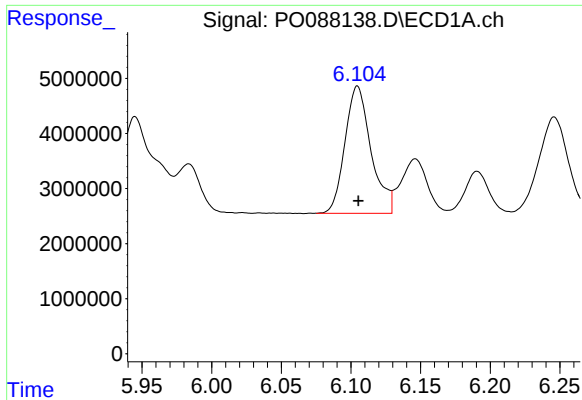
#6 AR-1016-4

R.T.: 5.808 min
Delta R.T.: -0.001 min
Response: 29898394
Conc: 484.79 ng/ml



#6 AR-1016-4

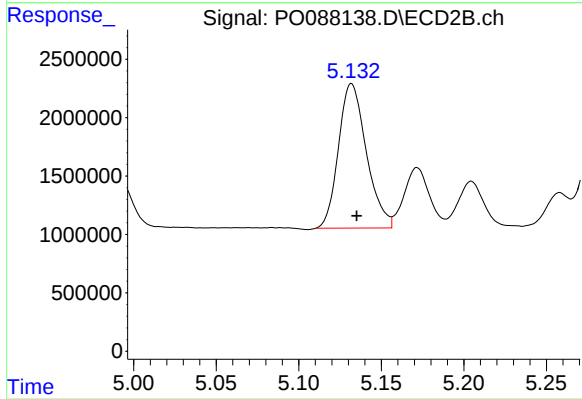
R.T.: 4.919 min
Delta R.T.: -0.003 min
Response: 10948572
Conc: 470.67 ng/ml



#7 AR-1016-5

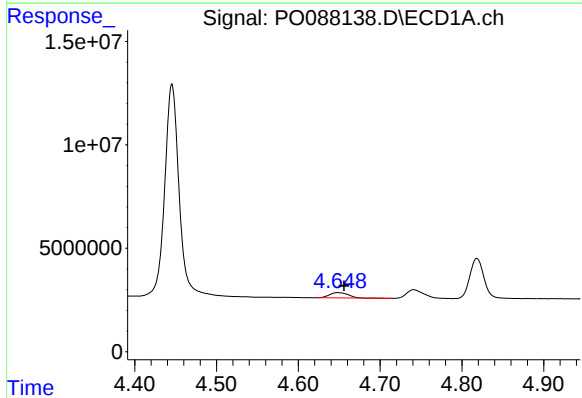
R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 30119061
Conc: 485.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



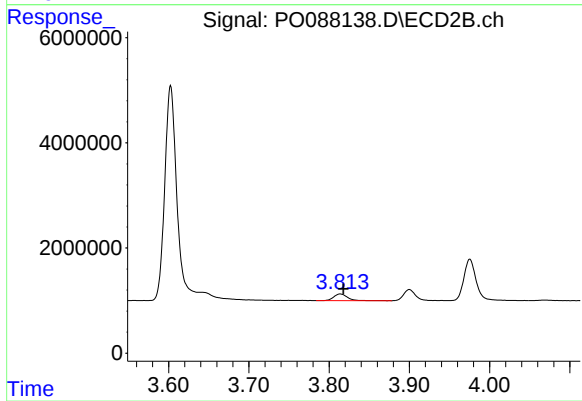
#7 AR-1016-5

R.T.: 5.132 min
Delta R.T.: -0.003 min
Response: 14554384
Conc: 491.78 ng/ml



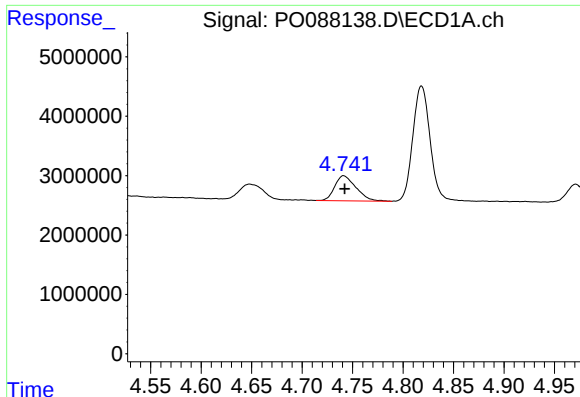
#8 AR-1221-1

R.T.: 4.648 min
Delta R.T.: -0.008 min
Response: 4137909
Conc: 136.75 ng/ml



#8 AR-1221-1

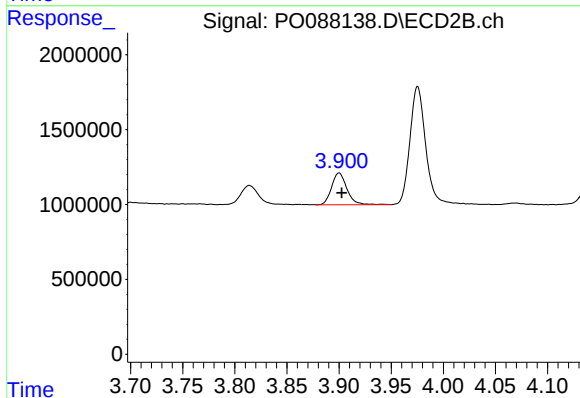
R.T.: 3.814 min
Delta R.T.: -0.004 min
Response: 1541232
Conc: 147.32 ng/ml



#9 AR-1221-2

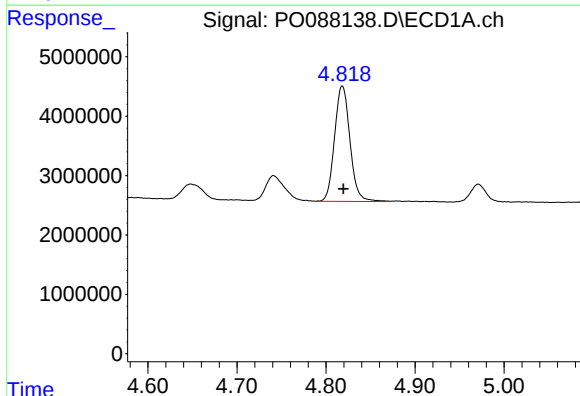
R.T.: 4.741 min
Delta R.T.: -0.001 min
Response: 6143074
Conc: 277.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



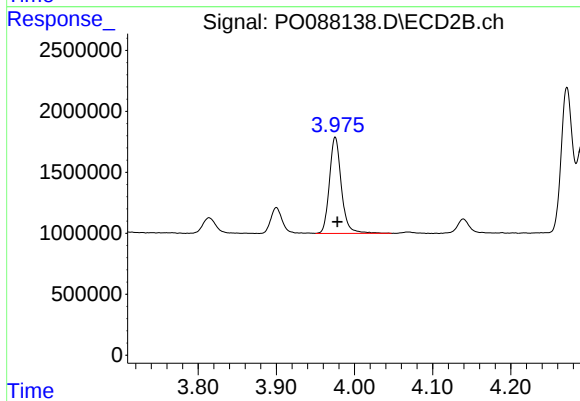
#9 AR-1221-2

R.T.: 3.900 min
Delta R.T.: -0.003 min
Response: 2178501
Conc: 274.69 ng/ml



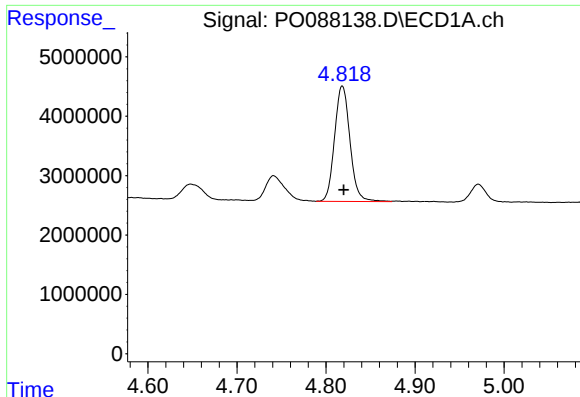
#10 AR-1221-3

R.T.: 4.818 min
Delta R.T.: -0.001 min
Response: 23393041
Conc: 339.46 ng/ml



#10 AR-1221-3

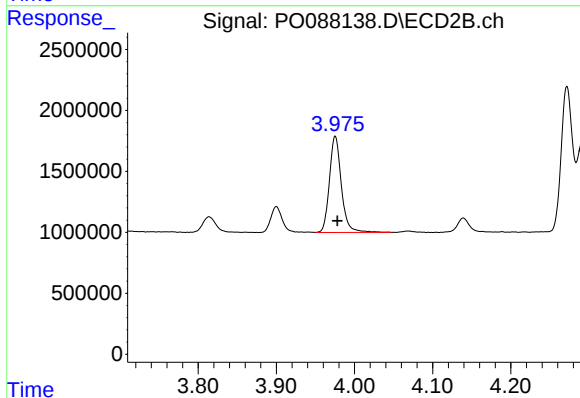
R.T.: 3.975 min
Delta R.T.: -0.003 min
Response: 8363067
Conc: 326.43 ng/ml



#11 AR-1232-1

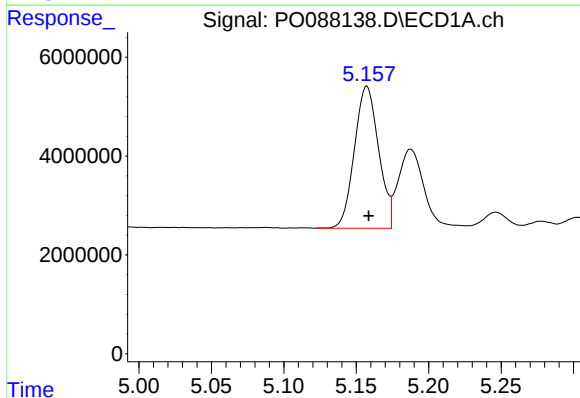
R.T.: 4.818 min
Delta R.T.: -0.002 min
Response: 23393041
Conc: 450.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



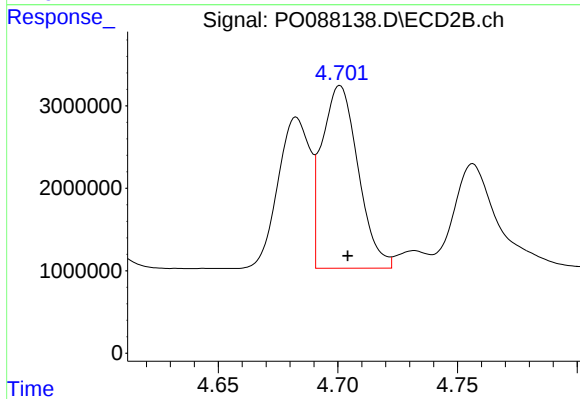
#11 AR-1232-1

R.T.: 3.975 min
Delta R.T.: -0.003 min
Response: 8363067
Conc: 432.29 ng/ml



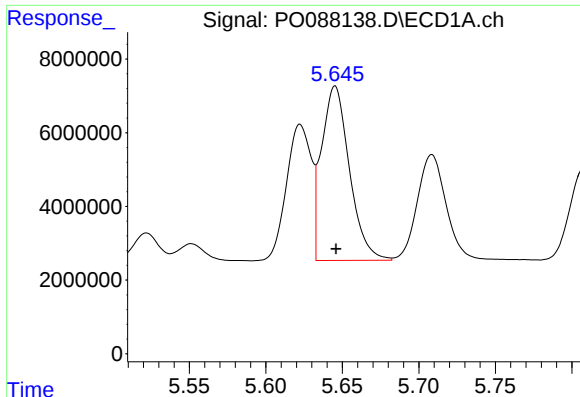
#12 AR-1232-2

R.T.: 5.157 min
Delta R.T.: -0.001 min
Response: 33388037
Conc: 1302.34 ng/ml



#12 AR-1232-2

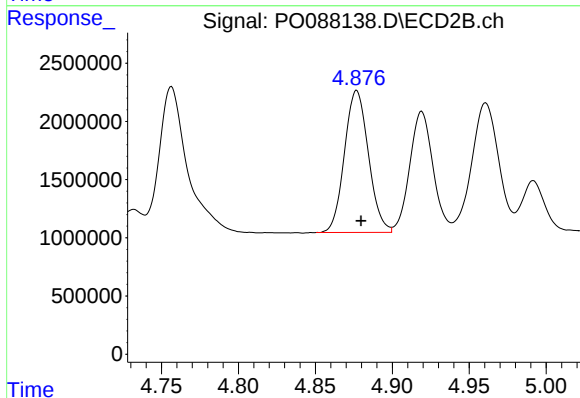
R.T.: 4.701 min
Delta R.T.: -0.003 min
Response: 23338776
Conc: 1183.42 ng/ml



#13 AR-1232-3

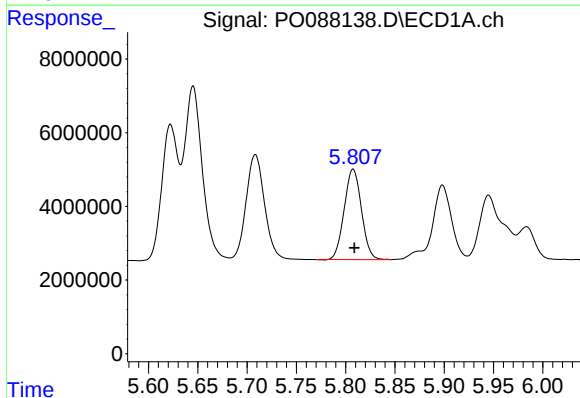
R.T.: 5.645 min
Delta R.T.: 0.000 min
Response: 60006604
Conc: 1247.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



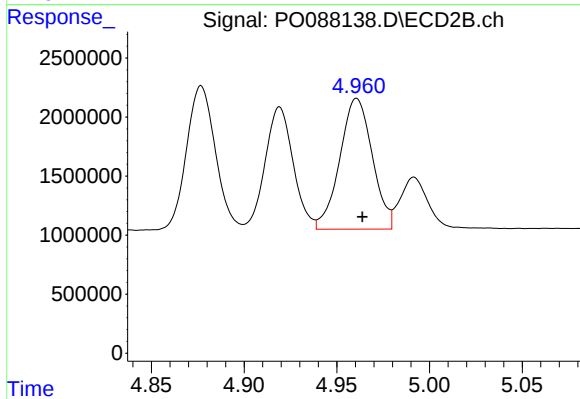
#13 AR-1232-3

R.T.: 4.877 min
Delta R.T.: -0.003 min
Response: 13196326
Conc: 1295.97 ng/ml



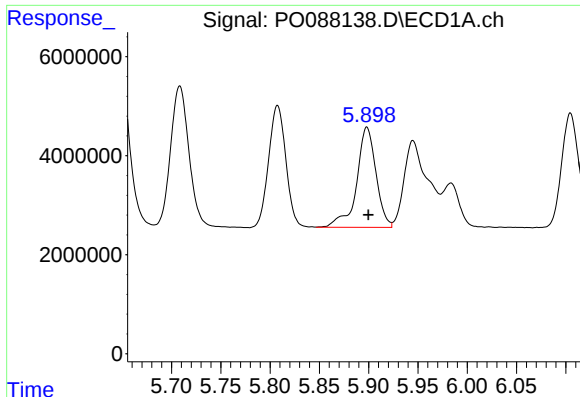
#14 AR-1232-4

R.T.: 5.808 min
Delta R.T.: -0.001 min
Response: 29898394
Conc: 1285.62 ng/ml



#14 AR-1232-4

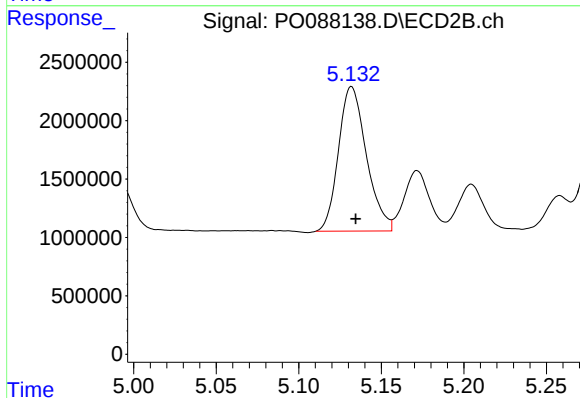
R.T.: 4.961 min
Delta R.T.: -0.003 min
Response: 13543946
Conc: 1394.26 ng/ml



#15 AR-1232-5

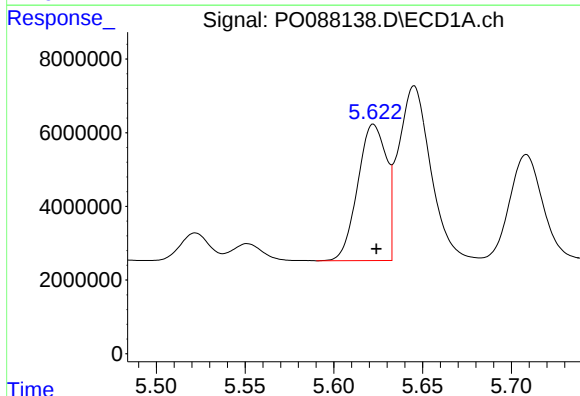
R.T.: 5.898 min
Delta R.T.: -0.001 min
Response: 27633644
Conc: 1422.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



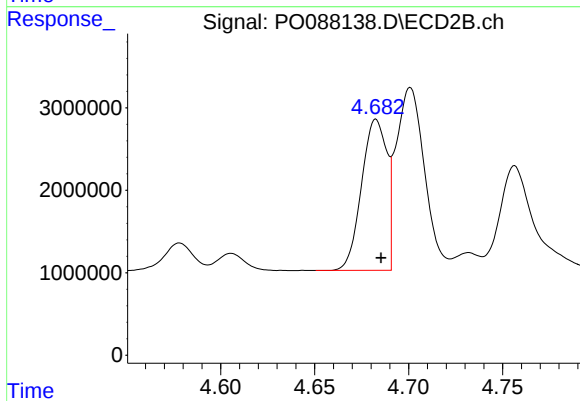
#15 AR-1232-5

R.T.: 5.132 min
Delta R.T.: -0.003 min
Response: 14554384
Conc: 1338.21 ng/ml



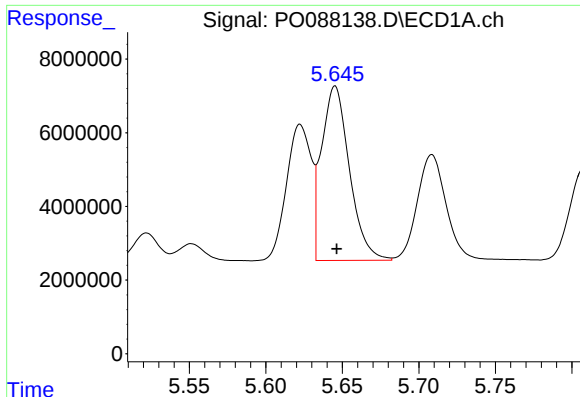
#16 AR-1242-1

R.T.: 5.622 min
Delta R.T.: -0.002 min
Response: 41635331
Conc: 609.87 ng/ml



#16 AR-1242-1

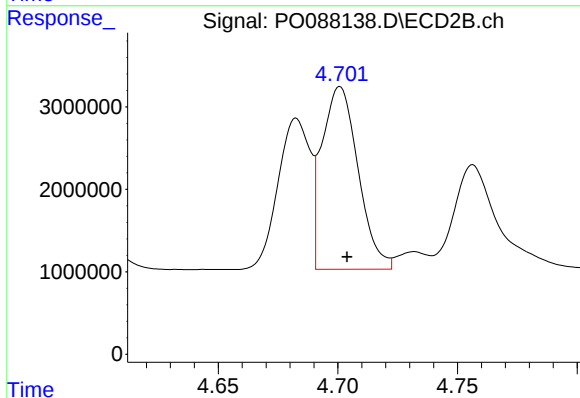
R.T.: 4.683 min
Delta R.T.: -0.003 min
Response: 17087491
Conc: 587.34 ng/ml



#17 AR-1242-2

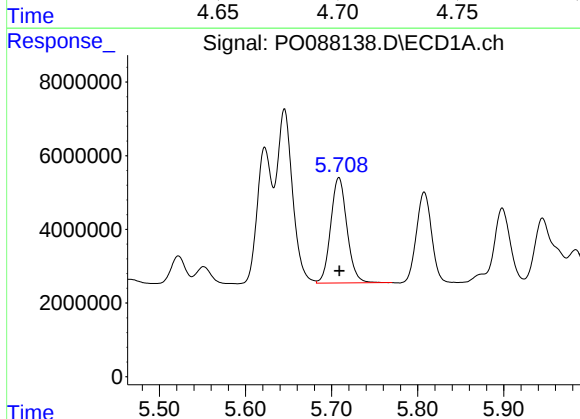
R.T.: 5.645 min
Delta R.T.: -0.001 min
Response: 60006604
Conc: 619.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



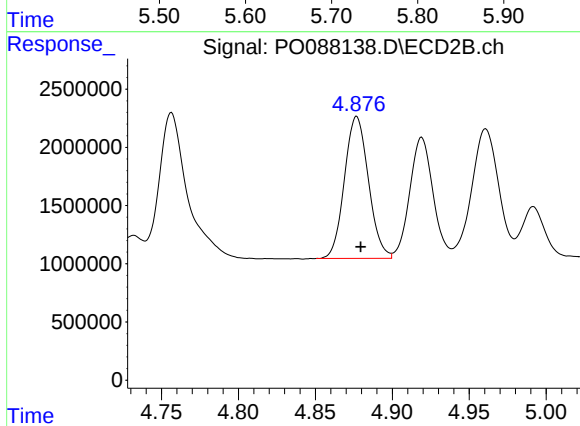
#17 AR-1242-2

R.T.: 4.701 min
Delta R.T.: -0.003 min
Response: 23338776
Conc: 576.24 ng/ml



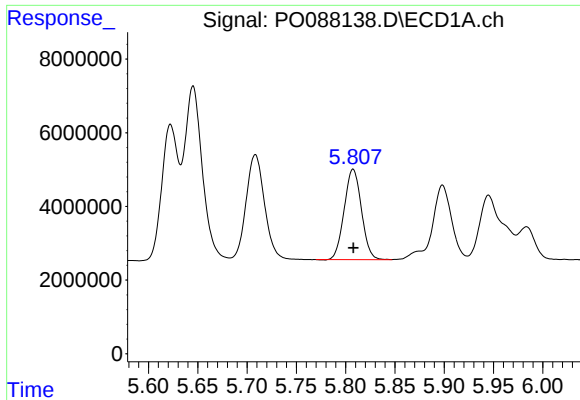
#18 AR-1242-3

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 37556953
Conc: 619.01 ng/ml



#18 AR-1242-3

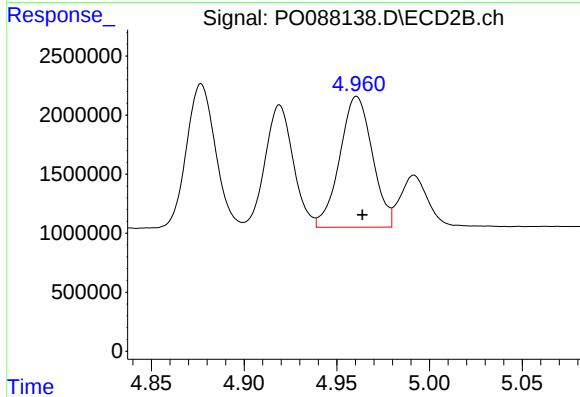
R.T.: 4.877 min
Delta R.T.: -0.003 min
Response: 13196326
Conc: 597.24 ng/ml



#19 AR-1242-4

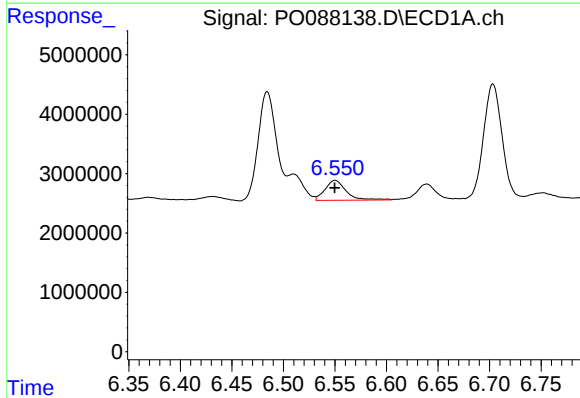
R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 29898394
Conc: 620.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



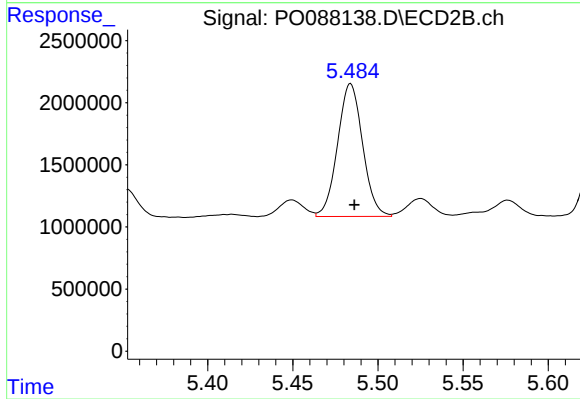
#19 AR-1242-4

R.T.: 4.961 min
Delta R.T.: -0.003 min
Response: 13543946
Conc: 579.26 ng/ml



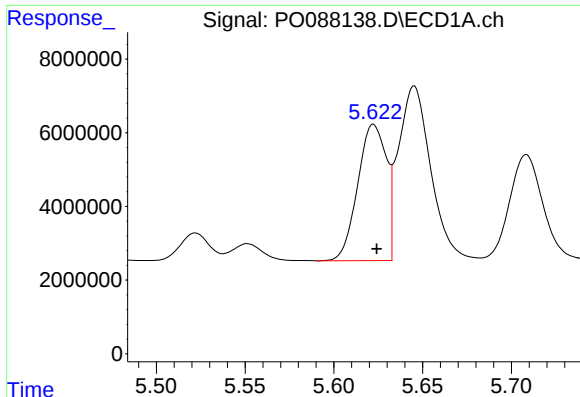
#20 AR-1242-5

R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 4785189
Conc: 90.86 ng/ml



#20 AR-1242-5

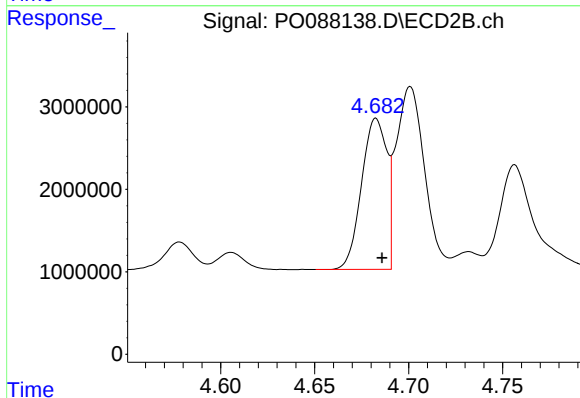
R.T.: 5.484 min
Delta R.T.: -0.002 min
Response: 10935069
Conc: 408.01 ng/ml



#21 AR-1248-1

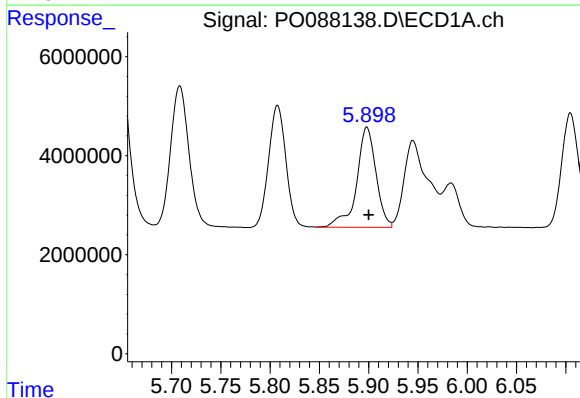
R.T.: 5.622 min
Delta R.T.: -0.002 min
Response: 41635331
Conc: 779.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



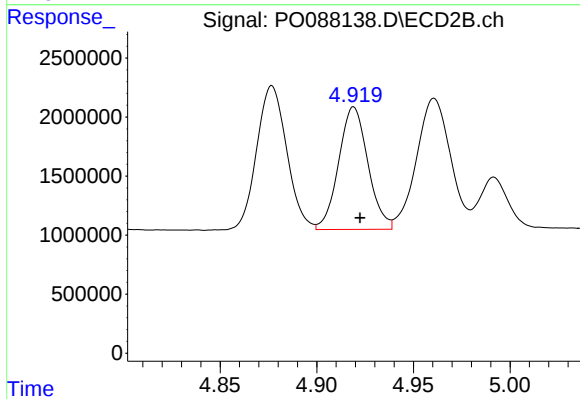
#21 AR-1248-1

R.T.: 4.683 min
Delta R.T.: -0.003 min
Response: 17087491
Conc: 745.97 ng/ml



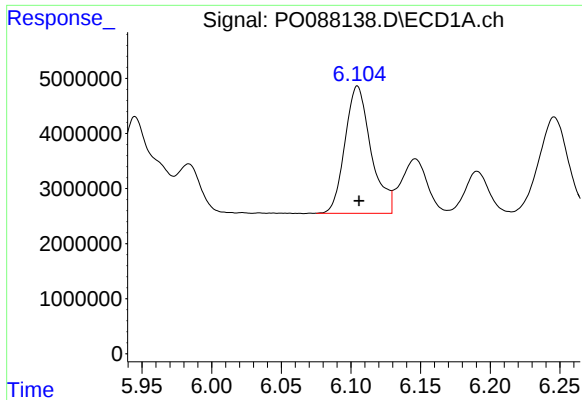
#22 AR-1248-2

R.T.: 5.898 min
Delta R.T.: -0.002 min
Response: 27633644
Conc: 355.65 ng/ml



#22 AR-1248-2

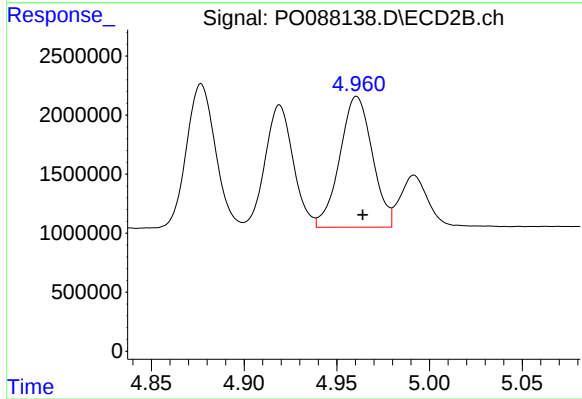
R.T.: 4.919 min
Delta R.T.: -0.003 min
Response: 10948572
Conc: 324.57 ng/ml



#23 AR-1248-3

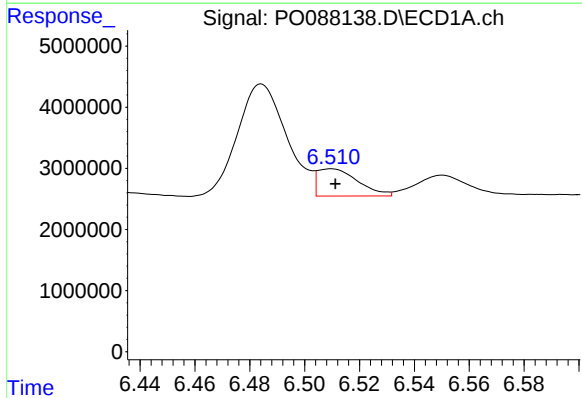
R.T.: 6.105 min
Delta R.T.: -0.001 min
Response: 30119061
Conc: 359.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



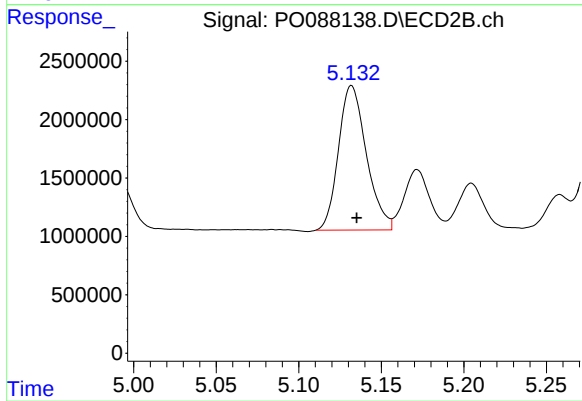
#23 AR-1248-3

R.T.: 4.961 min
Delta R.T.: -0.003 min
Response: 13543946
Conc: 389.72 ng/ml



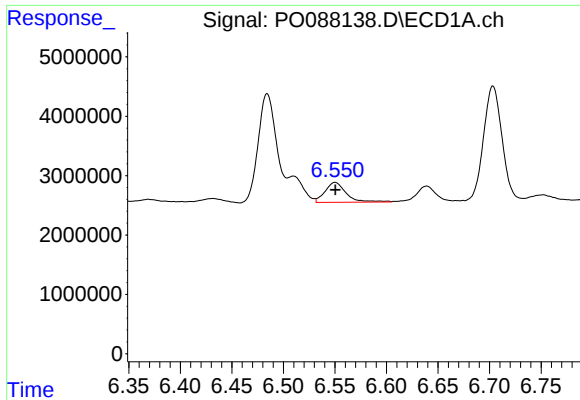
#24 AR-1248-4

R.T.: 6.510 min
Delta R.T.: -0.002 min
Response: 4550663
Conc: 49.51 ng/ml



#24 AR-1248-4

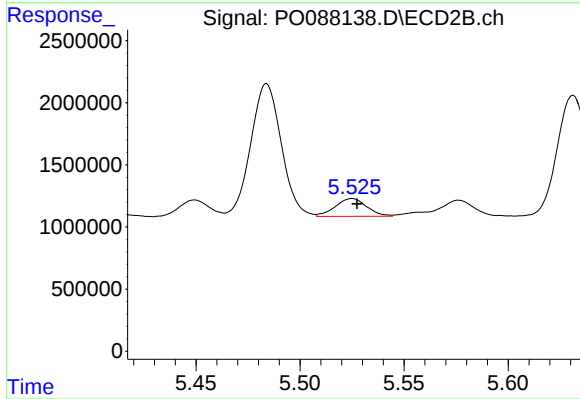
R.T.: 5.132 min
Delta R.T.: -0.003 min
Response: 14554384
Conc: 347.65 ng/ml



#25 AR-1248-5

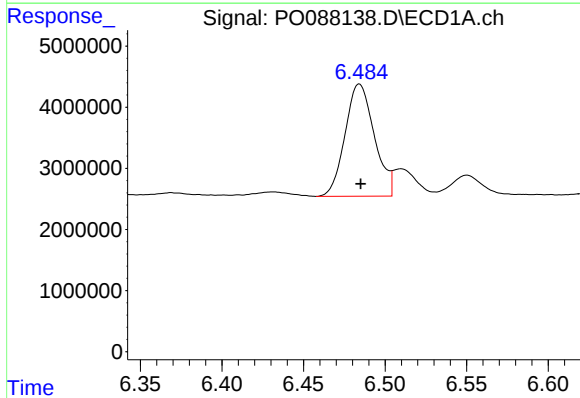
R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 4785189
Conc: 53.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



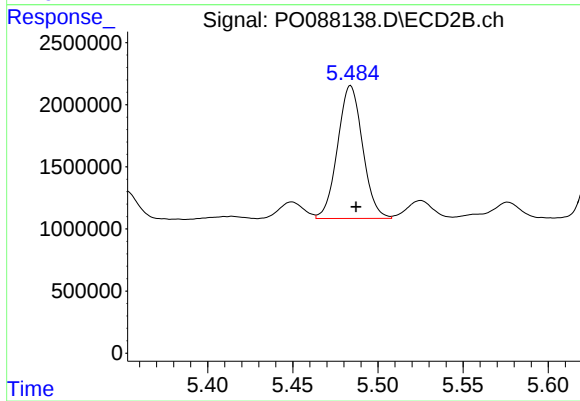
#25 AR-1248-5

R.T.: 5.525 min
Delta R.T.: -0.002 min
Response: 1514890
Conc: 42.05 ng/ml



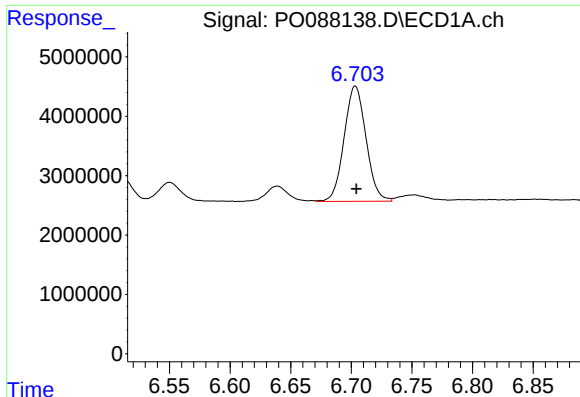
#26 AR-1254-1

R.T.: 6.484 min
Delta R.T.: 0.000 min
Response: 22932075
Conc: 241.87 ng/ml



#26 AR-1254-1

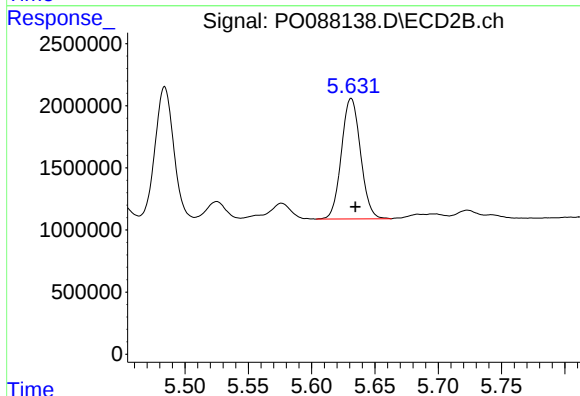
R.T.: 5.484 min
Delta R.T.: -0.003 min
Response: 10935069
Conc: 189.66 ng/ml



#27 AR-1254-2

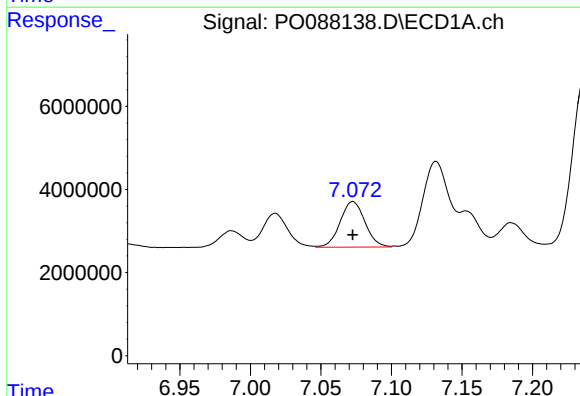
R.T.: 6.703 min
Delta R.T.: 0.000 min
Response: 24432509
Conc: 170.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



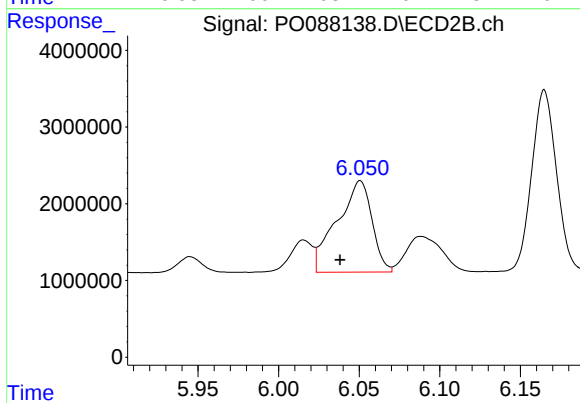
#27 AR-1254-2

R.T.: 5.631 min
Delta R.T.: -0.003 min
Response: 10218846
Conc: 199.29 ng/ml



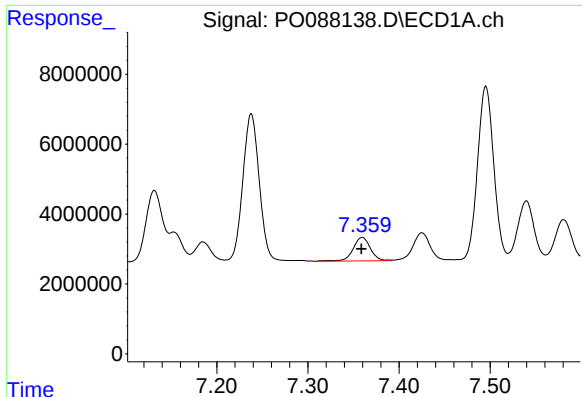
#28 AR-1254-3

R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 13400499
Conc: 91.49 ng/ml



#28 AR-1254-3

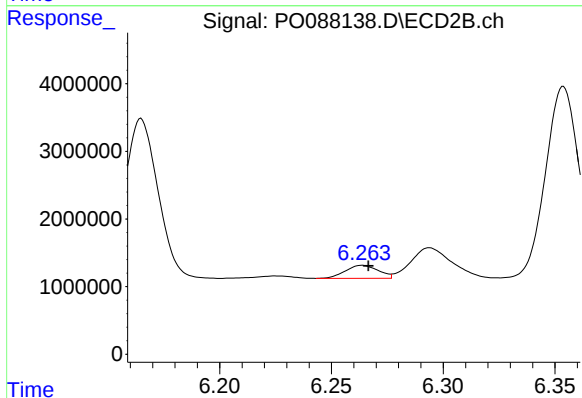
R.T.: 6.051 min
Delta R.T.: 0.012 min
Response: 18012337
Conc: 221.96 ng/ml



#29 AR-1254-4

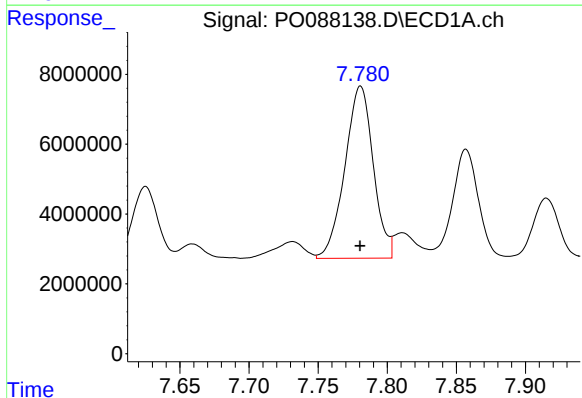
R.T.: 7.360 min
Delta R.T.: 0.001 min
Response: 8952206
Conc: 82.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



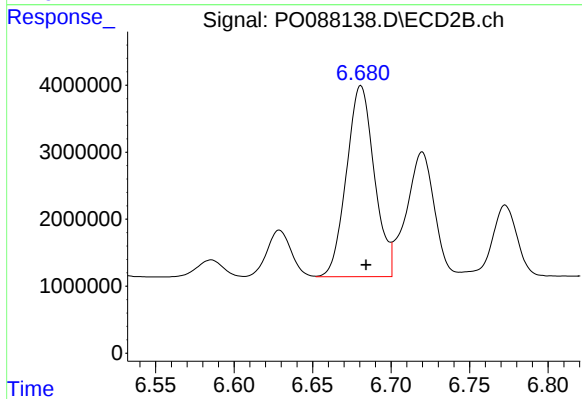
#29 AR-1254-4

R.T.: 6.264 min
Delta R.T.: -0.003 min
Response: 1962767
Conc: 39.35 ng/ml



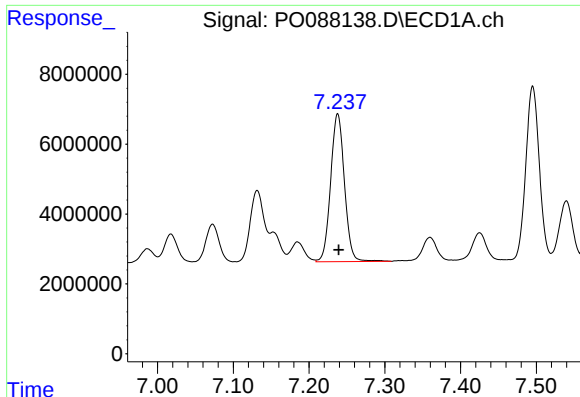
#30 AR-1254-5

R.T.: 7.781 min
Delta R.T.: 0.000 min
Response: 70550571
Conc: 586.20 ng/ml



#30 AR-1254-5

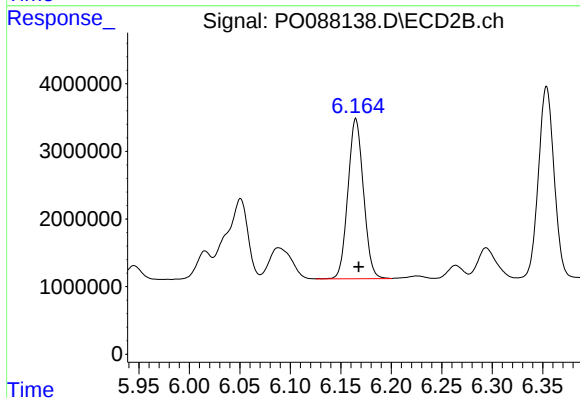
R.T.: 6.681 min
Delta R.T.: -0.003 min
Response: 35216888
Conc: 466.29 ng/ml



#31 AR-1260-1

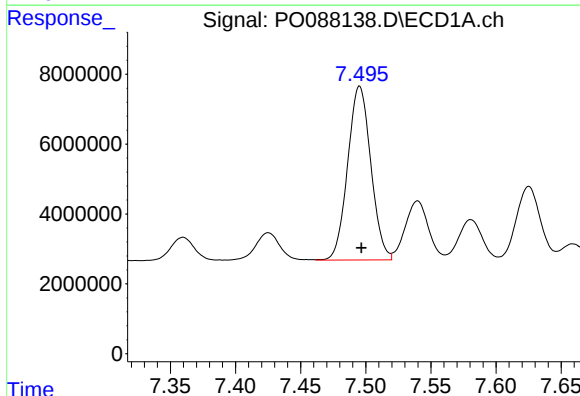
R.T.: 7.238 min
Delta R.T.: -0.002 min
Response: 53584017
Conc: 460.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



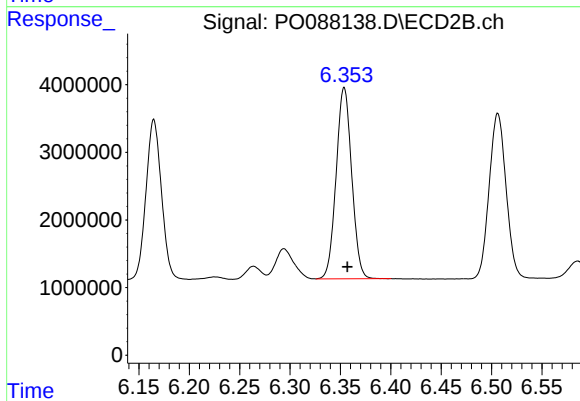
#31 AR-1260-1

R.T.: 6.165 min
Delta R.T.: -0.003 min
Response: 25355223
Conc: 467.82 ng/ml



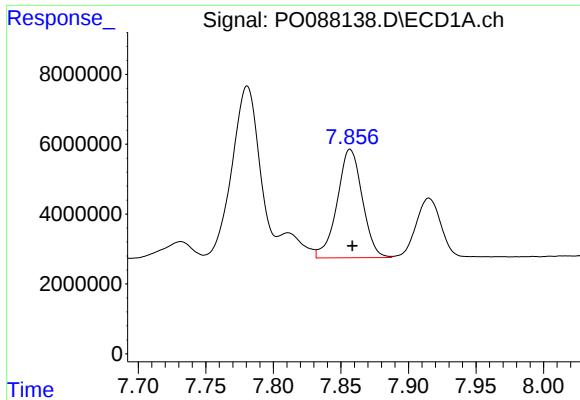
#32 AR-1260-2

R.T.: 7.495 min
Delta R.T.: -0.001 min
Response: 61654055
Conc: 456.31 ng/ml



#32 AR-1260-2

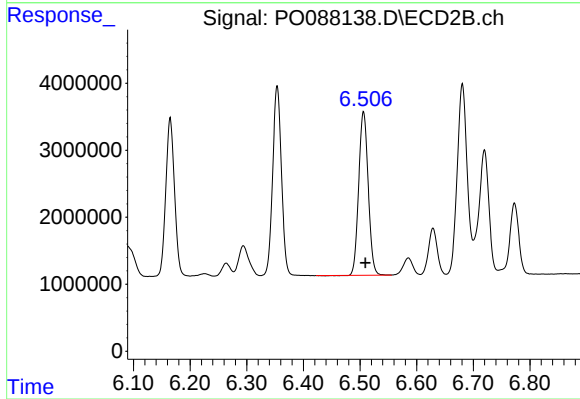
R.T.: 6.354 min
Delta R.T.: -0.003 min
Response: 30440616
Conc: 468.81 ng/ml



#33 AR-1260-3

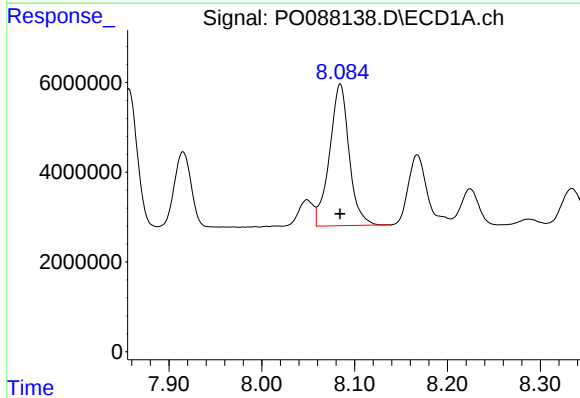
R.T.: 7.857 min
Delta R.T.: -0.001 min
Response: 40231008
Conc: 439.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



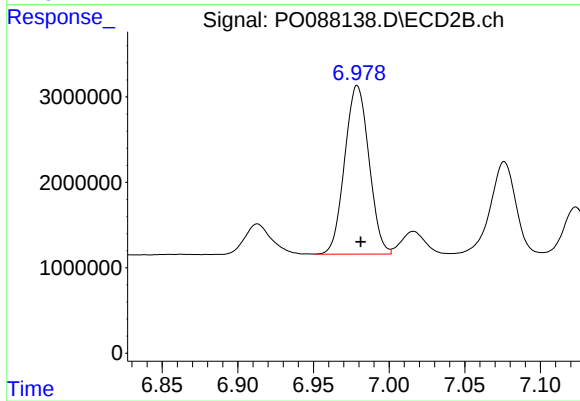
#33 AR-1260-3

R.T.: 6.506 min
Delta R.T.: -0.003 min
Response: 28449640
Conc: 457.37 ng/ml



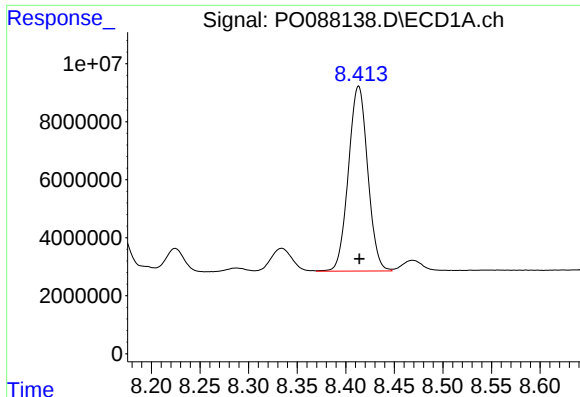
#34 AR-1260-4

R.T.: 8.085 min
Delta R.T.: 0.000 min
Response: 46336897
Conc: 428.95 ng/ml



#34 AR-1260-4

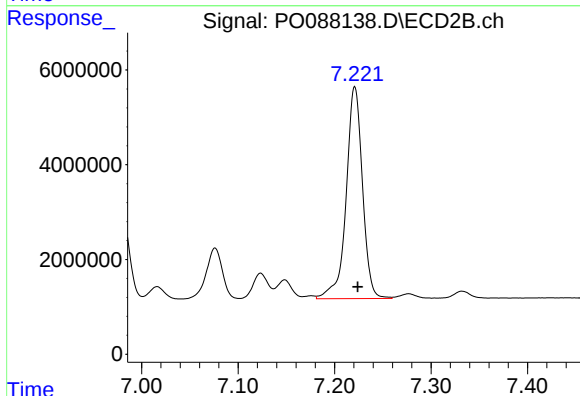
R.T.: 6.979 min
Delta R.T.: -0.002 min
Response: 22075806
Conc: 466.72 ng/ml



#35 AR-1260-5

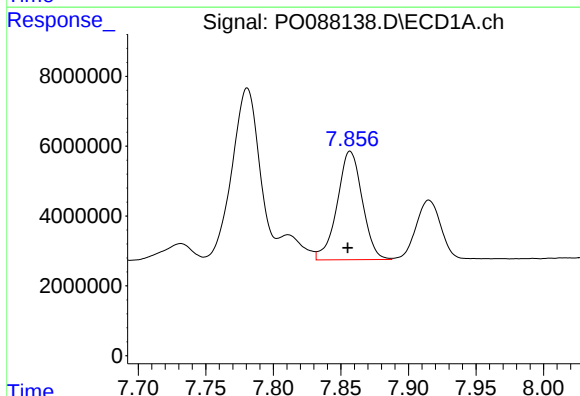
R.T.: 8.413 min
Delta R.T.: 0.000 min
Response: 88284344
Conc: 430.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



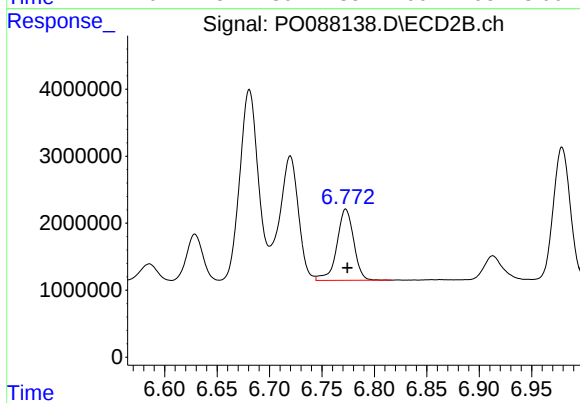
#35 AR-1260-5

R.T.: 7.221 min
Delta R.T.: -0.003 min
Response: 52767478
Conc: 461.18 ng/ml



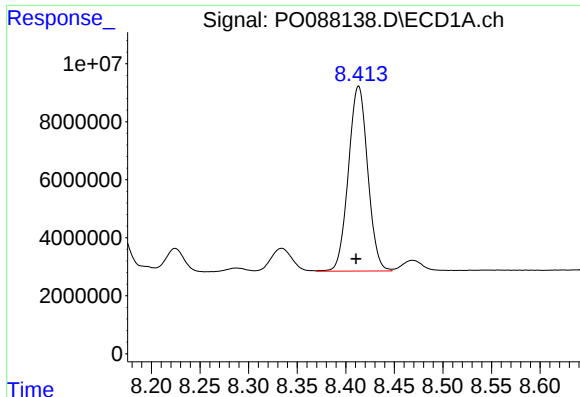
#36 AR-1262-1

R.T.: 7.857 min
Delta R.T.: 0.002 min
Response: 40231008
Conc: 292.87 ng/ml



#36 AR-1262-1

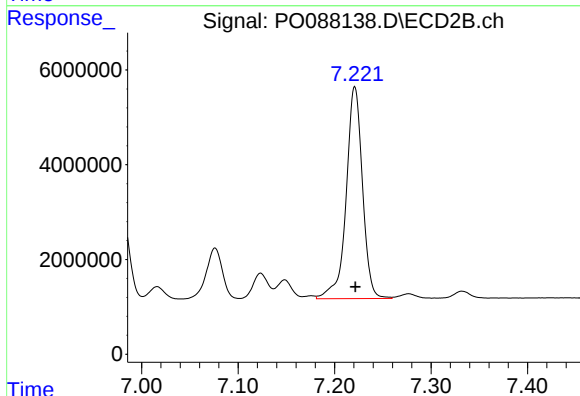
R.T.: 6.773 min
Delta R.T.: -0.001 min
Response: 11899110
Conc: 392.59 ng/ml



#37 AR-1262-2

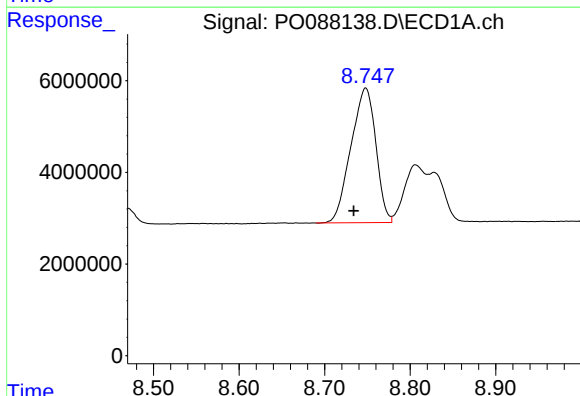
R.T.: 8.413 min
Delta R.T.: 0.003 min
Response: 88284344
Conc: 375.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



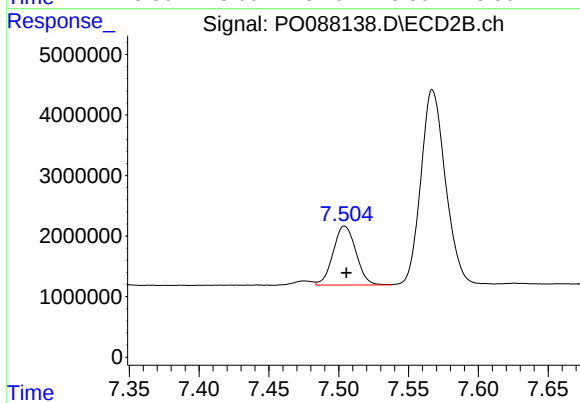
#37 AR-1262-2

R.T.: 7.221 min
Delta R.T.: 0.000 min
Response: 52767478
Conc: 392.72 ng/ml



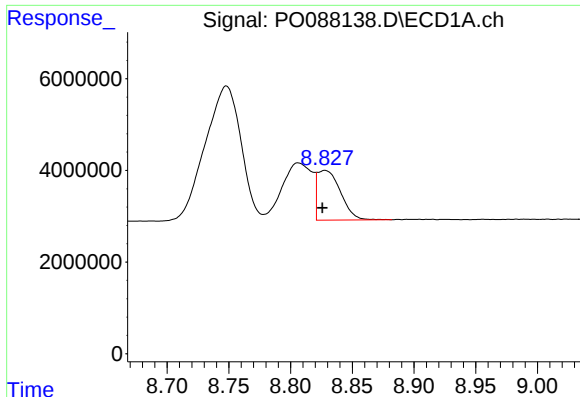
#38 AR-1262-3

R.T.: 8.748 min
Delta R.T.: 0.014 min
Response: 59480952
Conc: 358.88 ng/ml



#38 AR-1262-3

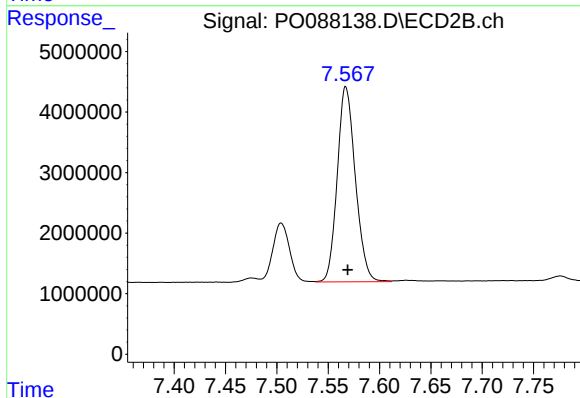
R.T.: 7.504 min
Delta R.T.: -0.001 min
Response: 11079215
Conc: 203.16 ng/ml



#39 AR-1262-4

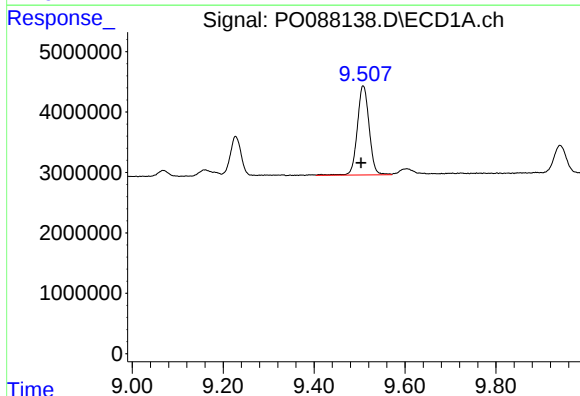
R.T.: 8.828 min
Delta R.T.: 0.002 min
Response: 14125514
Conc: 169.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



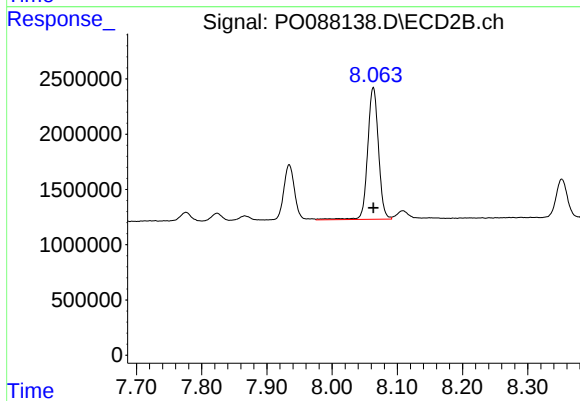
#39 AR-1262-4

R.T.: 7.567 min
Delta R.T.: -0.002 min
Response: 39579431
Conc: 391.24 ng/ml



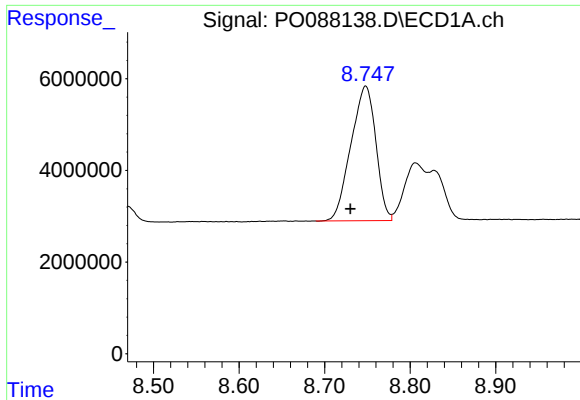
#40 AR-1262-5

R.T.: 9.508 min
Delta R.T.: 0.005 min
Response: 26667697
Conc: 299.23 ng/ml



#40 AR-1262-5

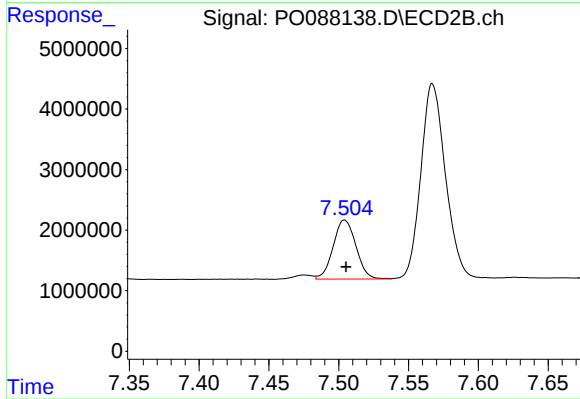
R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 13776728
Conc: 280.50 ng/ml



#41 AR-1268-1

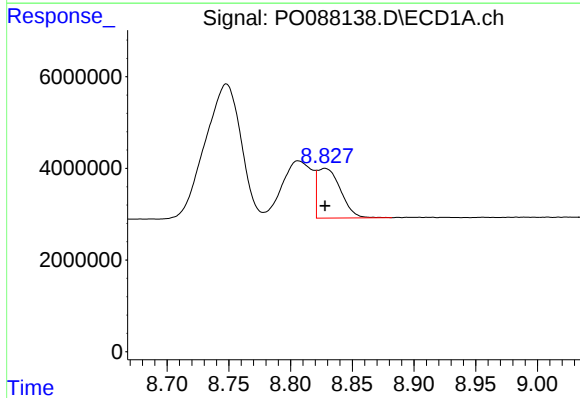
R.T.: 8.748 min
Delta R.T.: 0.018 min
Response: 59480952
Conc: 210.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



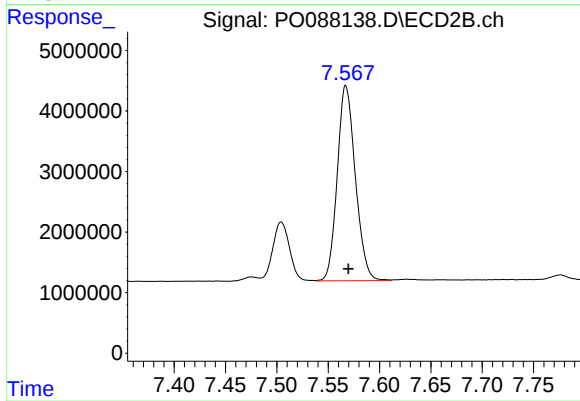
#41 AR-1268-1

R.T.: 7.504 min
Delta R.T.: -0.001 min
Response: 11079215
Conc: 69.93 ng/ml



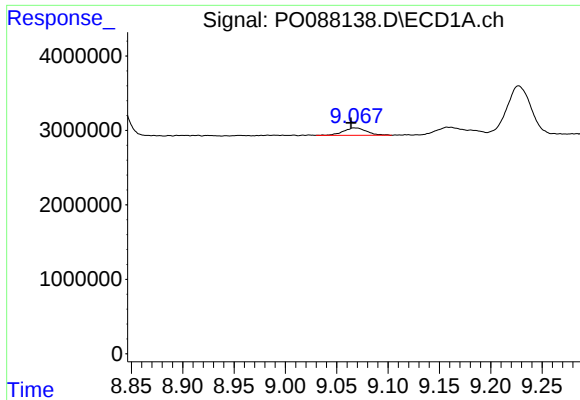
#42 AR-1268-2

R.T.: 8.828 min
Delta R.T.: 0.000 min
Response: 14125514
Conc: 54.33 ng/ml



#42 AR-1268-2

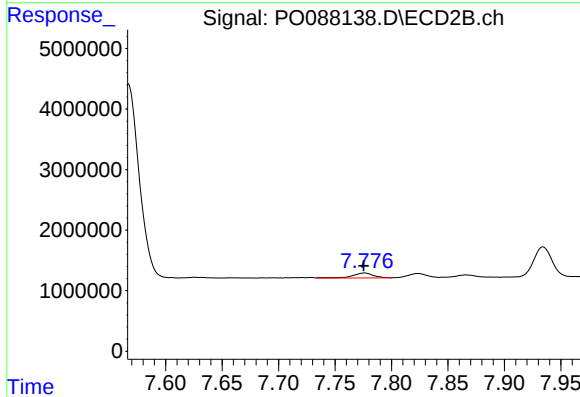
R.T.: 7.567 min
Delta R.T.: -0.002 min
Response: 39579431
Conc: 275.16 ng/ml



#43 AR-1268-3

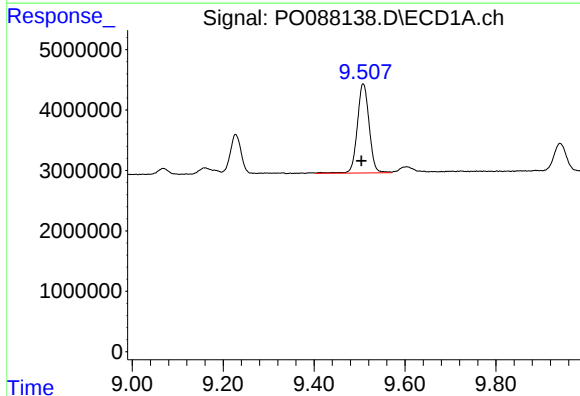
R.T.: 9.067 min
Delta R.T.: 0.003 min
Response: 1579160
Conc: 7.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



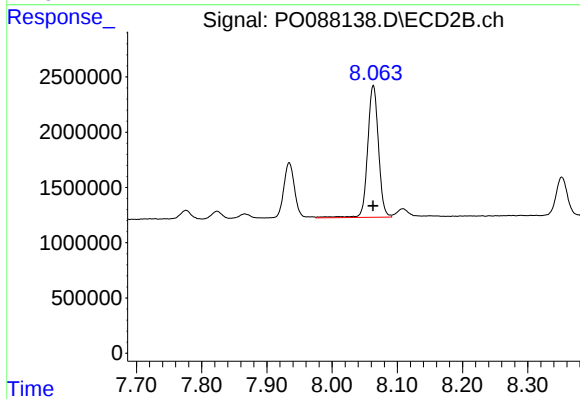
#43 AR-1268-3

R.T.: 7.776 min
Delta R.T.: 0.000 min
Response: 1063041
Conc: 8.53 ng/ml



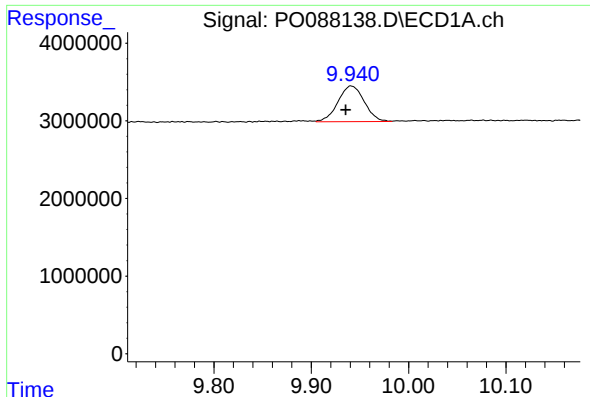
#44 AR-1268-4

R.T.: 9.508 min
Delta R.T.: 0.004 min
Response: 26667697
Conc: 271.99 ng/ml



#44 AR-1268-4

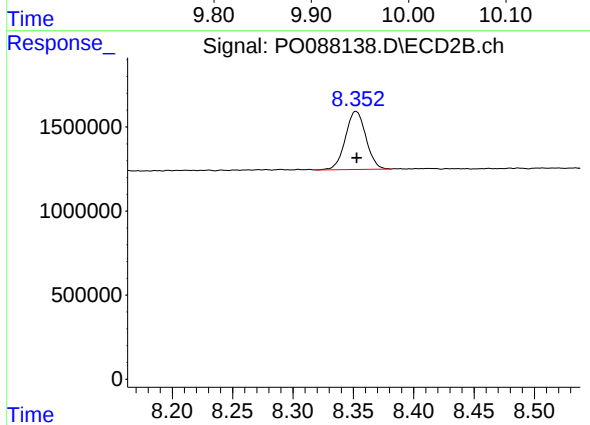
R.T.: 8.063 min
Delta R.T.: 0.000 min
Response: 13776728
Conc: 256.80 ng/ml



#45 AR-1268-5

R.T.: 9.941 min
Delta R.T.: 0.006 min
Response: 8654511
Conc: 11.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.352 min
Delta R.T.: 0.000 min
Response: 4086197
Conc: 10.57 ng/ml