

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0050823\
 Data File : P0094863.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 May 2023 09:49
 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 09 10:40:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0042623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon May 01 11:12:50 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...	4.415	3.616	159.3E6	63901567	46.255	47.757
2)	SA Decachlor...	10.254	8.627	115.0E6	54454779	47.378	48.379
Target Compounds							
3)	L1 AR-1016-1	5.593	4.696	1517395	549562	14.896	13.856
4)	L1 AR-1016-2	5.621	4.713	2031783	355109	13.428	6.007 #
5)	L1 AR-1016-3	5.678	4.891	970985	300124	9.794	9.561
6)	L1 AR-1016-4	5.776	4.933	759611	15468840	10.206	534.951 #
7)	L1 AR-1016-5	6.075	5.145	19888152	9203229	238.374	251.465
8)	L2 AR-1221-1	4.622	0.000	113398	0	2.556	N.D. #
9)	L2 AR-1221-2	4.722	3.913	2182380	866404	67.074	68.066
10)	L2 AR-1221-3	4.790	0.000	613249	0	6.134	N.D. #
11)	L3 AR-1232-1	4.790	0.000	613249	0	7.251	N.D. #
12)	L3 AR-1232-2	5.323	4.713	1019173	355109	23.768	12.201 #
13)	L3 AR-1232-3	5.621	4.891	2031783	300124	27.970	20.228 #
14)	L3 AR-1232-4	5.776	4.972	759611	4793593	21.632	308.394 #
15)	L3 AR-1232-5	5.870	5.145	34847403	9203229	1056.893	539.924 #
16)	L4 AR-1242-1	5.593	4.696	1517395	549562	18.164	16.594
17)	L4 AR-1242-2	5.621	4.713	2031783	355109	16.162	7.204 #
18)	L4 AR-1242-3	5.678	4.891	970985	300124	11.924	11.535
19)	L4 AR-1242-4	5.776	4.972	759611	4793593	12.369	161.940 #
20)	L4 AR-1242-5	6.526	5.498	18514964	33405690	287.708	1057.308 #
21)	L5 AR-1248-1	5.593	4.696	1517395	549562	24.280	21.548
22)	L5 AR-1248-2	5.870	4.933	34847403	15468840	333.042	373.510
23)	L5 AR-1248-3	6.075	4.972	19888152	4793593	179.619	111.732 #
24)	L5 AR-1248-4	6.483	5.145	23141823	9203229	224.764	187.761
25)	L5 AR-1248-5	6.526	5.537	18514964	3813838	170.238	95.859 #
26)	L6 AR-1254-1	6.457	5.498	56008074	33405690	442.059	460.826
27)	L6 AR-1254-2	6.678	5.646	83177798	29834274	435.180	457.236
28)	L6 AR-1254-3	7.048	6.049	81294636	44966052	431.006	452.831
29)	L6 AR-1254-4	7.338	6.279	47429620	21936152	418.770	444.420
30)	L6 AR-1254-5	7.761	6.698	61499623	38152566	439.135	453.488
31)	L7 AR-1260-1	7.214	6.180	34010927	23215942	229.386	329.771 #
32)	L7 AR-1260-2	7.475	6.369	36969332	18980562	227.975	237.425
33)	L7 AR-1260-3	7.822	6.521	11966249	18397236	91.532	244.635 #
34)	L7 AR-1260-4	8.053	6.995	23720239	1994765	169.633	31.866 #
35)	L7 AR-1260-5	8.393	7.239	9223190	4621133	37.699	36.664
36)	L8 AR-1262-1	7.822	6.788	11966249	1861271	71.247	49.662 #
37)	L8 AR-1262-2	8.393	6.995	9223190	1994765	36.685	26.737 #
38)	L8 AR-1262-3	8.728	7.585f	6508696	4080295	36.039	70.145 #
39)	L8 AR-1262-4	8.777	7.585	2104867	4080295	22.669	40.286 #
40)	L8 AR-1262-5	9.477	0.000	61395	0	0.717	N.D. #
41)	L9 AR-1268-1	8.728	7.585f	6508696	4080295	19.244	24.151 #

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 Acq On : 09 May 2023 09:49
 Operator : YP/AJ
 Sample : AR1254CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

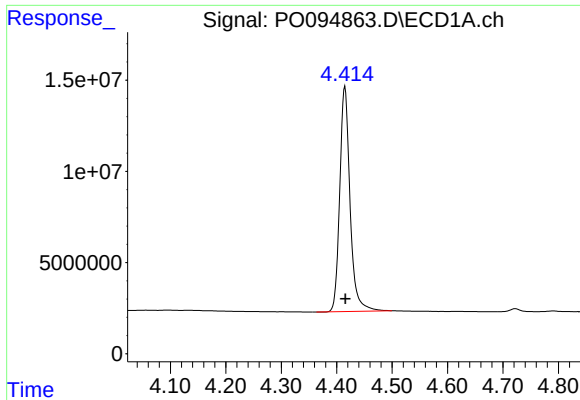
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 09 10:40:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0042623.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	8.837	7.585	19696	4080295	0.065	26.627 #
43) L9	AR-1268-3	9.039	0.000	140530	0	0.521	N.D. #
44) L9	AR-1268-4	9.477	0.000	61395	0	0.654	N.D. #
45) L9	AR-1268-5	9.907	0.000	544076	0	0.647	N.D. #

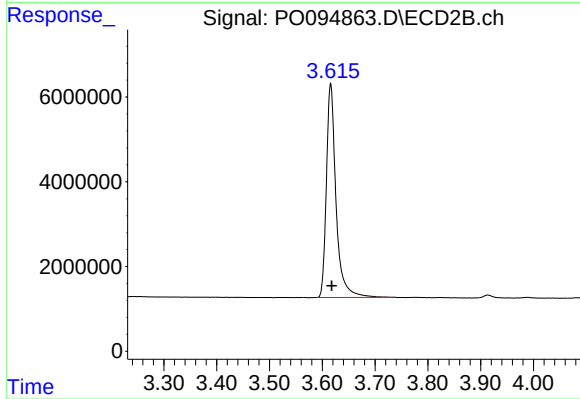
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

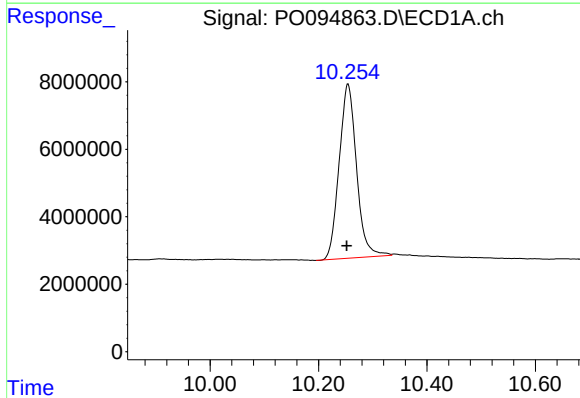
R.T.: 4.415 min
Delta R.T.: -0.001 min
Response: 159330196
Conc: 46.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



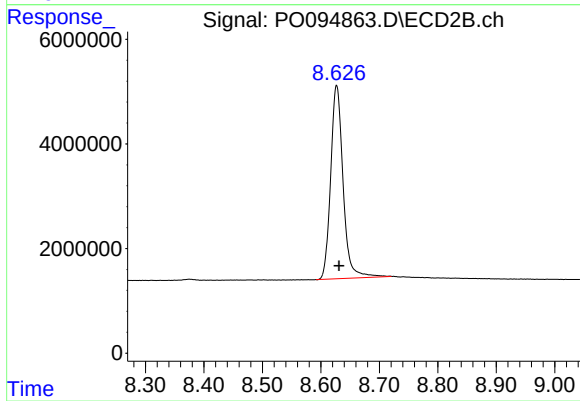
#1 Tetrachloro-m-xylene

R.T.: 3.616 min
Delta R.T.: -0.002 min
Response: 63901567
Conc: 47.76 ng/ml



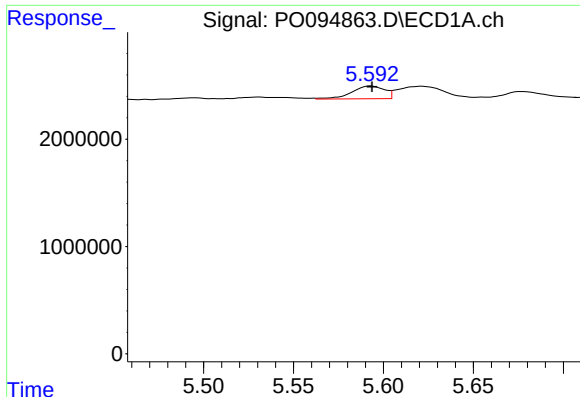
#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: 0.002 min
Response: 114979611
Conc: 47.38 ng/ml



#2 Decachlorobiphenyl

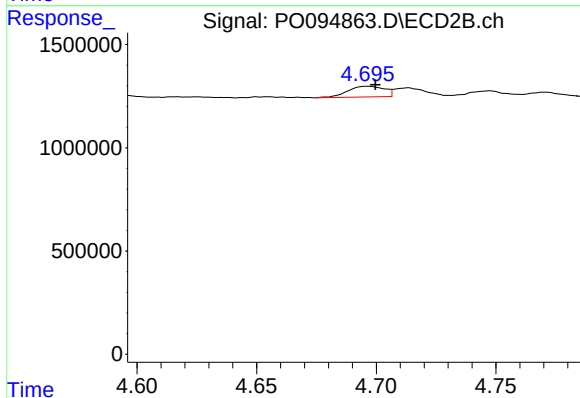
R.T.: 8.627 min
Delta R.T.: -0.004 min
Response: 54454779
Conc: 48.38 ng/ml



#3 AR-1016-1

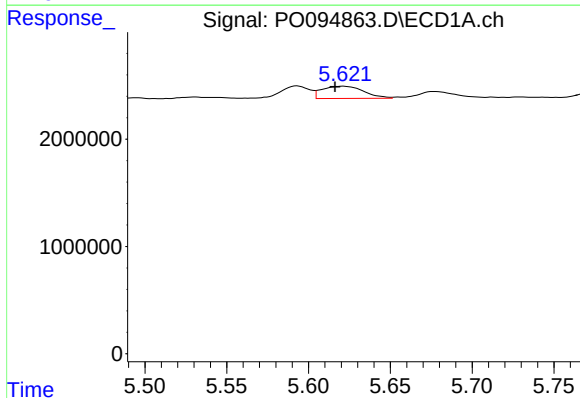
R.T.: 5.593 min
Delta R.T.: 0.000 min
Response: 1517395
Conc: 14.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



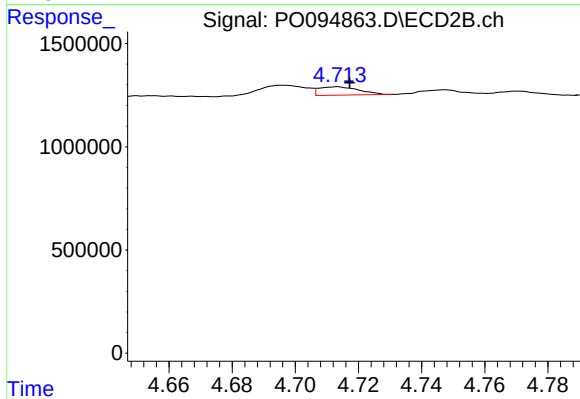
#3 AR-1016-1

R.T.: 4.696 min
Delta R.T.: -0.003 min
Response: 549562
Conc: 13.86 ng/ml



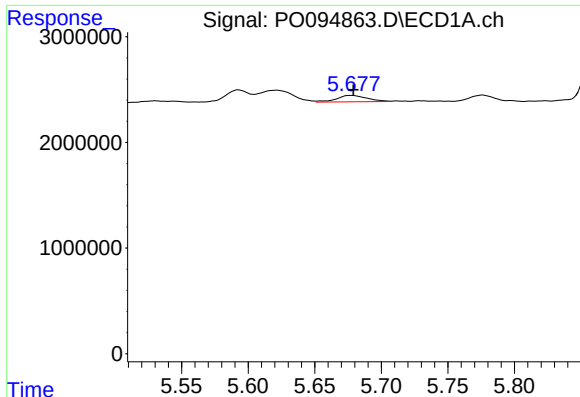
#4 AR-1016-2

R.T.: 5.621 min
Delta R.T.: 0.005 min
Response: 2031783
Conc: 13.43 ng/ml



#4 AR-1016-2

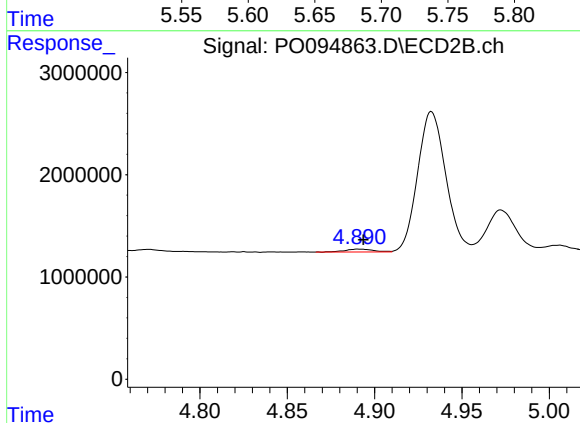
R.T.: 4.713 min
Delta R.T.: -0.004 min
Response: 355109
Conc: 6.01 ng/ml



#5 AR-1016-3

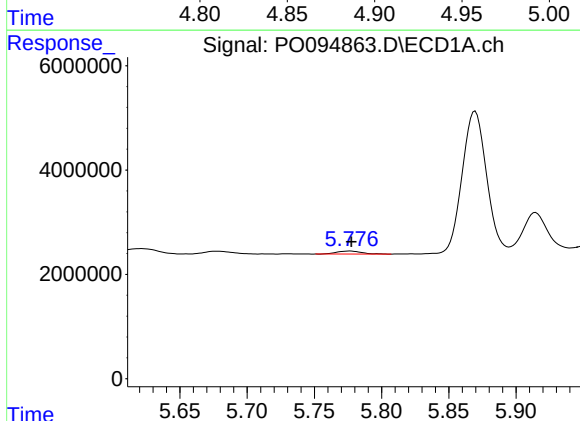
R.T.: 5.678 min
Delta R.T.: -0.002 min
Response: 970985
Conc: 9.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



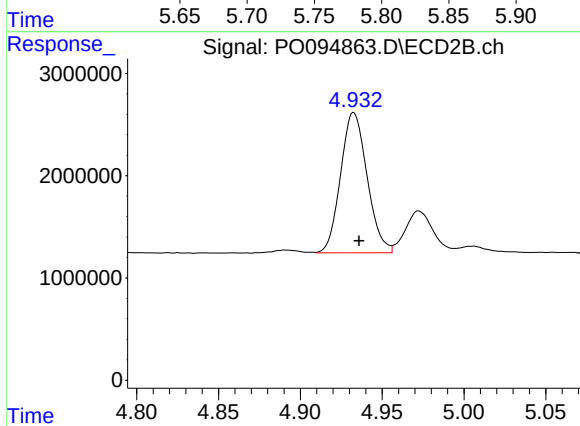
#5 AR-1016-3

R.T.: 4.891 min
Delta R.T.: -0.002 min
Response: 300124
Conc: 9.56 ng/ml



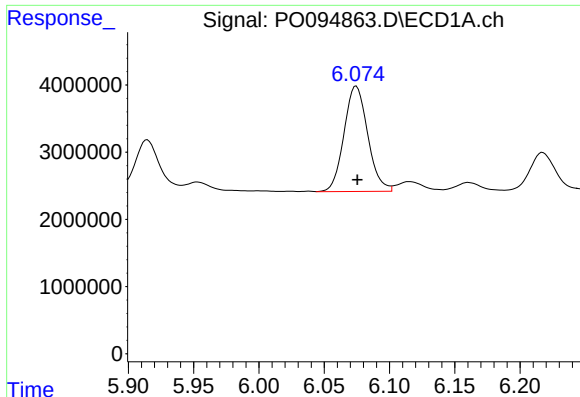
#6 AR-1016-4

R.T.: 5.776 min
Delta R.T.: -0.001 min
Response: 759611
Conc: 10.21 ng/ml



#6 AR-1016-4

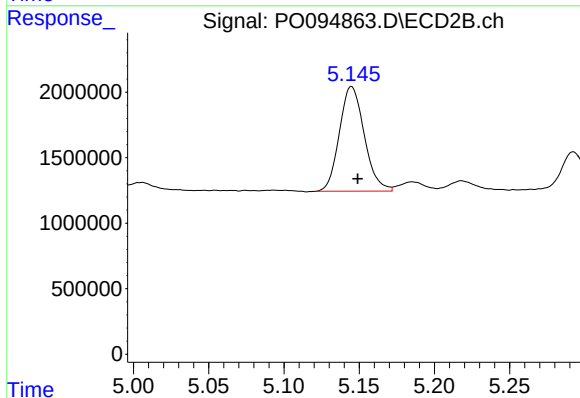
R.T.: 4.933 min
Delta R.T.: -0.003 min
Response: 15468840
Conc: 534.95 ng/ml



#7 AR-1016-5

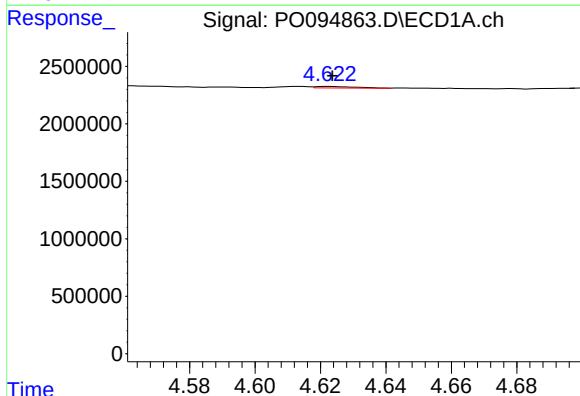
R.T.: 6.075 min
Delta R.T.: -0.001 min
Response: 19888152
Conc: 238.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



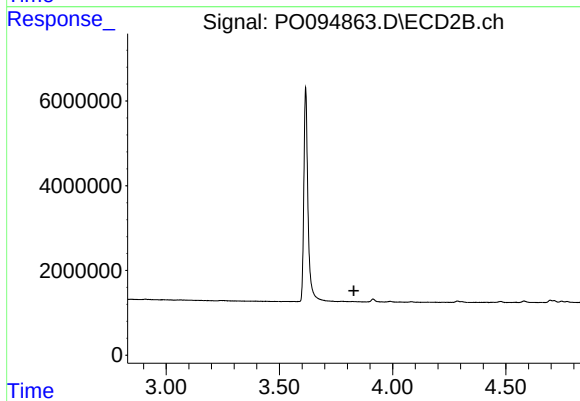
#7 AR-1016-5

R.T.: 5.145 min
Delta R.T.: -0.004 min
Response: 9203229
Conc: 251.47 ng/ml



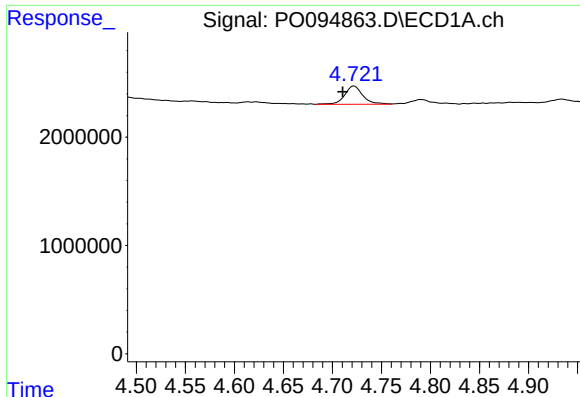
#8 AR-1221-1

R.T.: 4.622 min
Delta R.T.: -0.001 min
Response: 113398
Conc: 2.56 ng/ml



#8 AR-1221-1

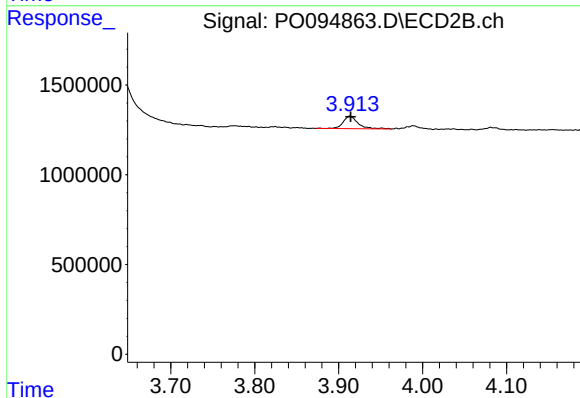
R.T.: 0.000 min
Exp R.T. : 3.829 min
Response: 0
Conc: N.D.



#9 AR-1221-2

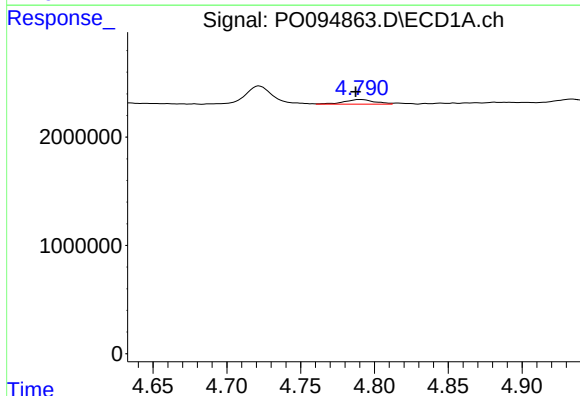
R.T.: 4.722 min
Delta R.T.: 0.011 min
Response: 2182380
Conc: 67.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



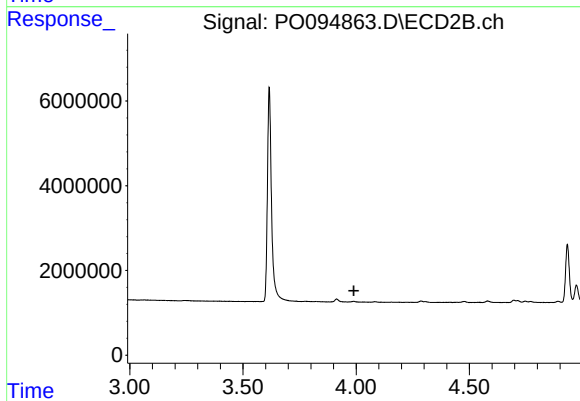
#9 AR-1221-2

R.T.: 3.913 min
Delta R.T.: -0.001 min
Response: 866404
Conc: 68.07 ng/ml



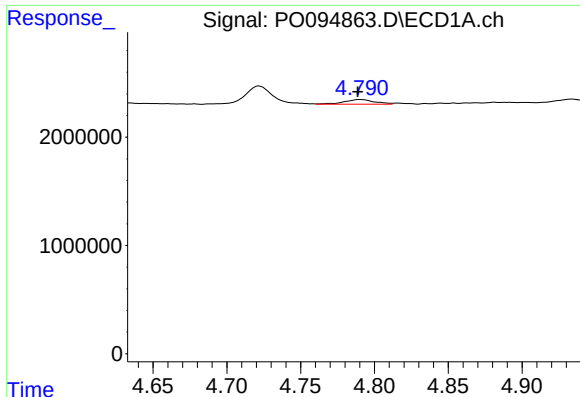
#10 AR-1221-3

R.T.: 4.790 min
Delta R.T.: 0.003 min
Response: 613249
Conc: 6.13 ng/ml



#10 AR-1221-3

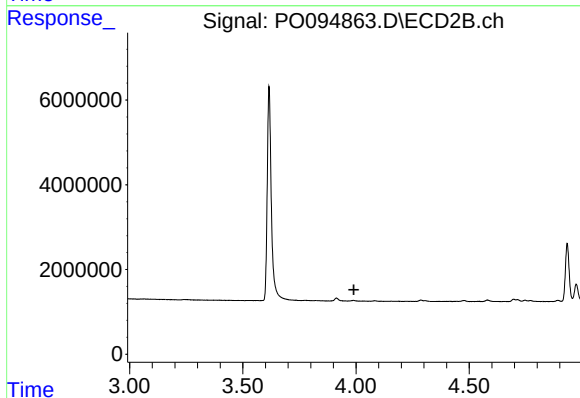
R.T.: 0.000 min
Exp R.T. : 3.990 min
Response: 0
Conc: N.D.



#11 AR-1232-1

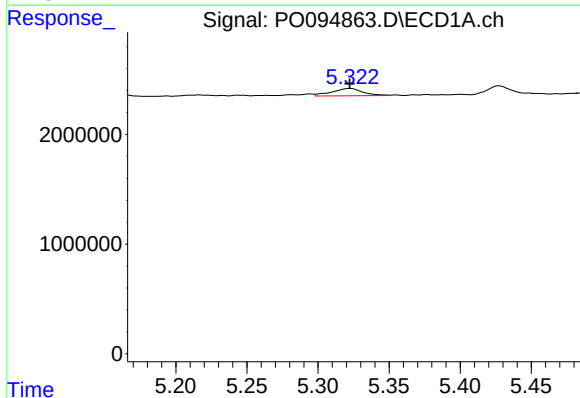
R.T.: 4.790 min
Delta R.T.: 0.002 min
Response: 613249
Conc: 7.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



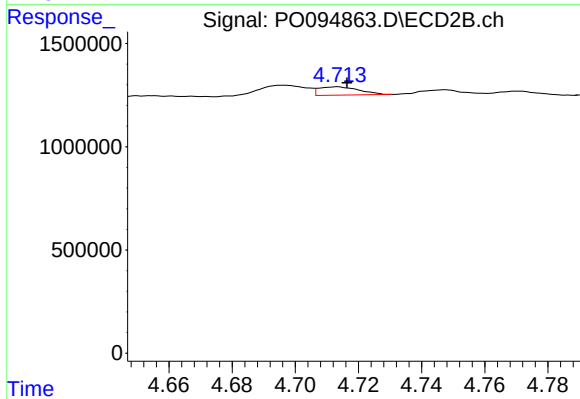
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.991 min
Response: 0
Conc: N.D.



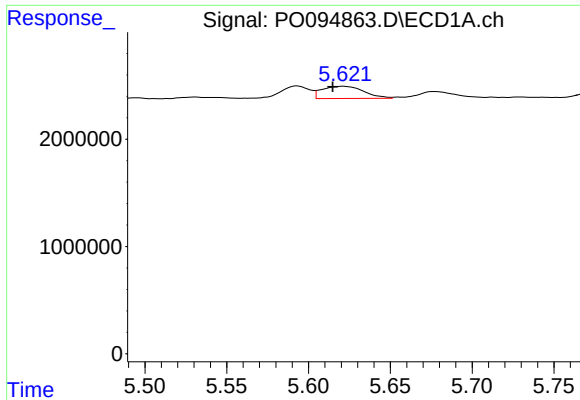
#12 AR-1232-2

R.T.: 5.323 min
Delta R.T.: 0.000 min
Response: 1019173
Conc: 23.77 ng/ml



#12 AR-1232-2

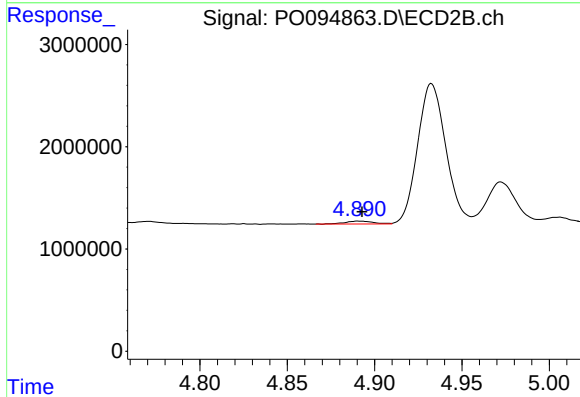
R.T.: 4.713 min
Delta R.T.: -0.003 min
Response: 355109
Conc: 12.20 ng/ml



#13 AR-1232-3

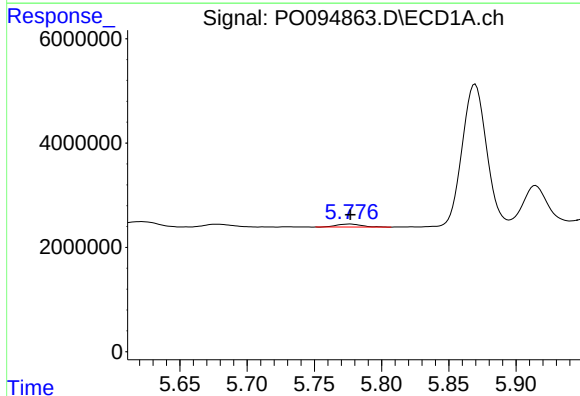
R.T.: 5.621 min
Delta R.T.: 0.007 min
Response: 2031783
Conc: 27.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



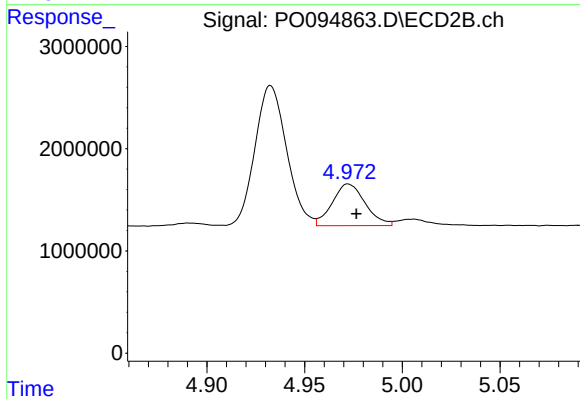
#13 AR-1232-3

R.T.: 4.891 min
Delta R.T.: -0.002 min
Response: 300124
Conc: 20.23 ng/ml



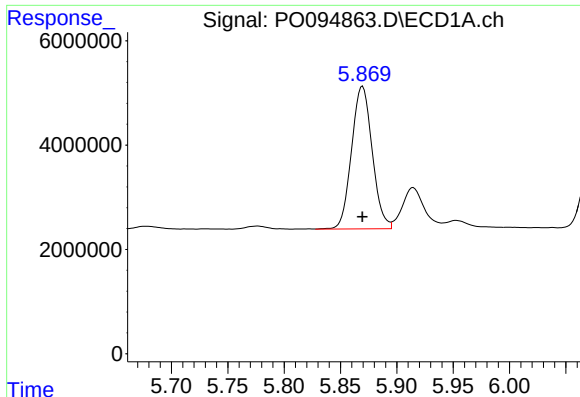
#14 AR-1232-4

R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 759611
Conc: 21.63 ng/ml



#14 AR-1232-4

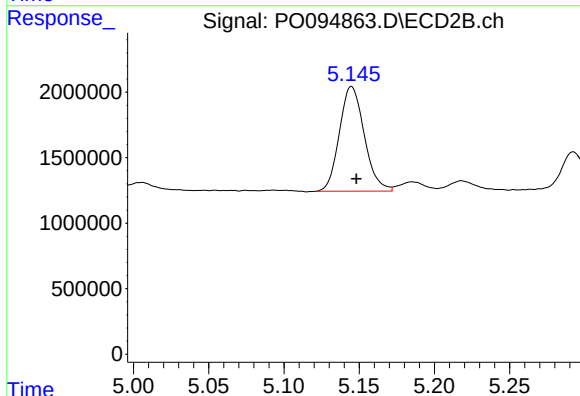
R.T.: 4.972 min
Delta R.T.: -0.004 min
Response: 4793593
Conc: 308.39 ng/ml



#15 AR-1232-5

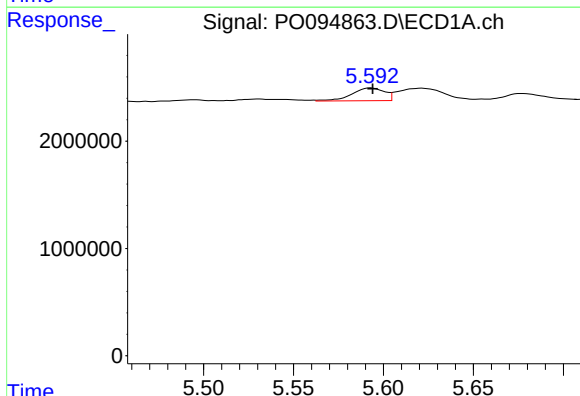
R.T.: 5.870 min
Delta R.T.: 0.000 min
Response: 34847403
Conc: 1056.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



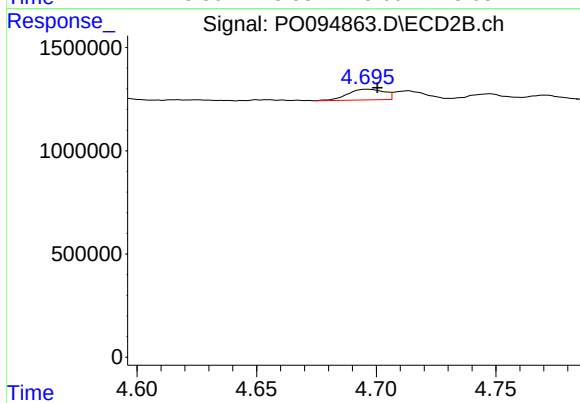
#15 AR-1232-5

R.T.: 5.145 min
Delta R.T.: -0.003 min
Response: 9203229
Conc: 539.92 ng/ml



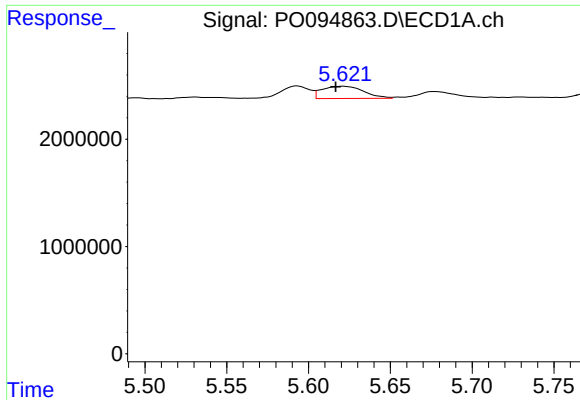
#16 AR-1242-1

R.T.: 5.593 min
Delta R.T.: -0.001 min
Response: 1517395
Conc: 18.16 ng/ml



#16 AR-1242-1

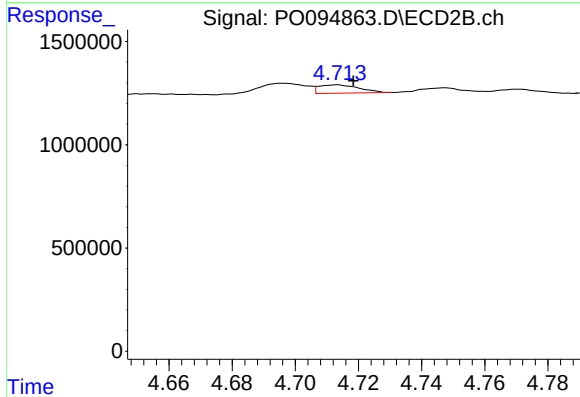
R.T.: 4.696 min
Delta R.T.: -0.004 min
Response: 549562
Conc: 16.59 ng/ml



#17 AR-1242-2

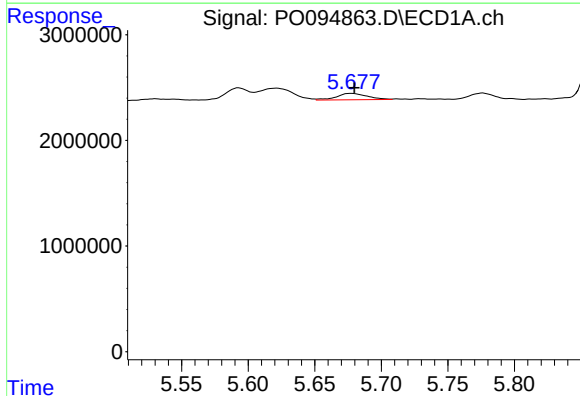
R.T.: 5.621 min
Delta R.T.: 0.005 min
Response: 2031783
Conc: 16.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



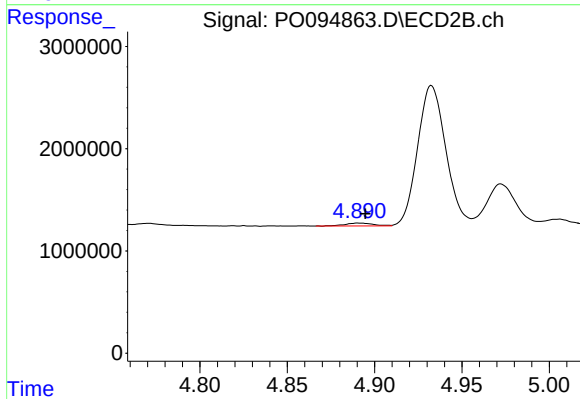
#17 AR-1242-2

R.T.: 4.713 min
Delta R.T.: -0.005 min
Response: 355109
Conc: 7.20 ng/ml



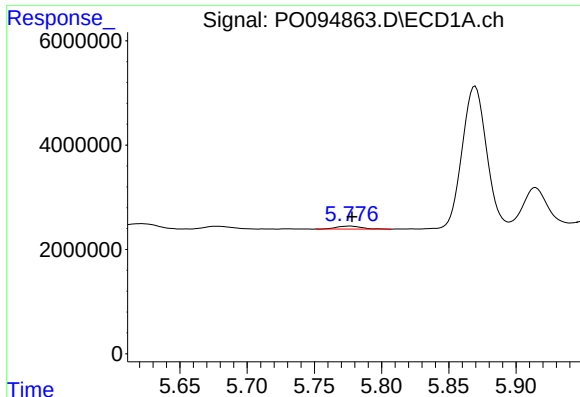
#18 AR-1242-3

R.T.: 5.678 min
Delta R.T.: -0.002 min
Response: 970985
Conc: 11.92 ng/ml



#18 AR-1242-3

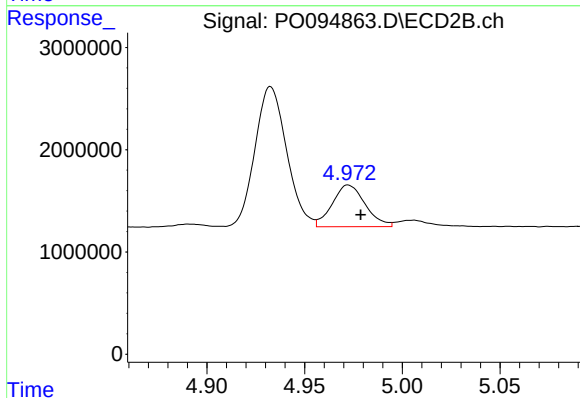
R.T.: 4.891 min
Delta R.T.: -0.004 min
Response: 300124
Conc: 11.53 ng/ml



#19 AR-1242-4

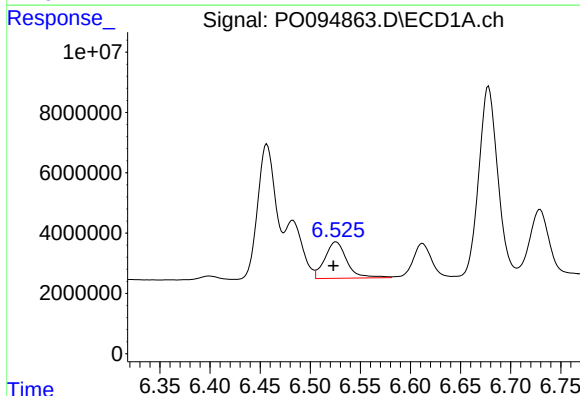
R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 759611
Conc: 12.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



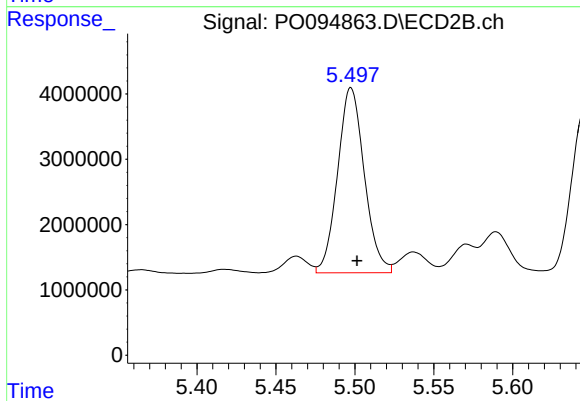
#19 AR-1242-4

R.T.: 4.972 min
Delta R.T.: -0.006 min
Response: 4793593
Conc: 161.94 ng/ml



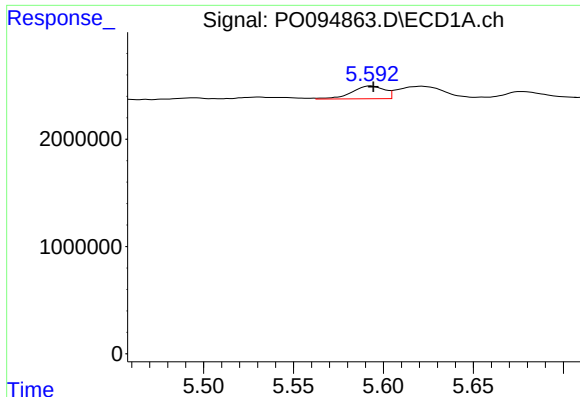
#20 AR-1242-5

R.T.: 6.526 min
Delta R.T.: 0.003 min
Response: 18514964
Conc: 287.71 ng/ml



#20 AR-1242-5

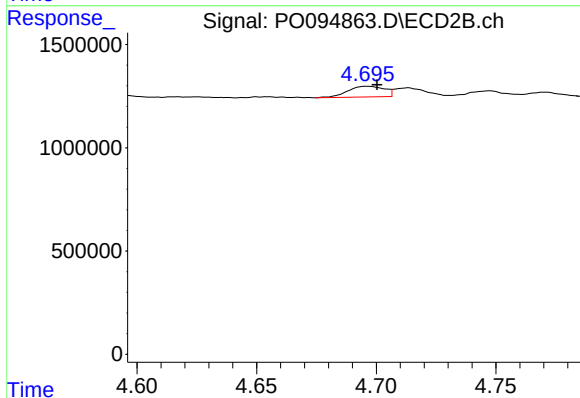
R.T.: 5.498 min
Delta R.T.: -0.004 min
Response: 33405690
Conc: 1057.31 ng/ml



#21 AR-1248-1

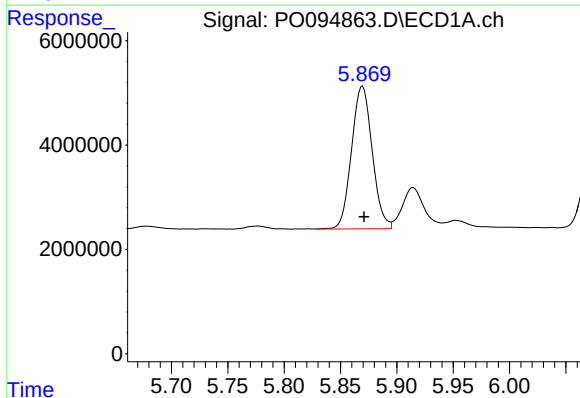
R.T.: 5.593 min
Delta R.T.: -0.001 min
Response: 1517395
Conc: 24.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



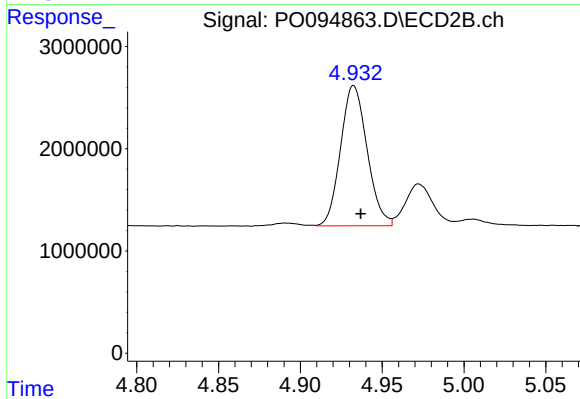
#21 AR-1248-1

R.T.: 4.696 min
Delta R.T.: -0.004 min
Response: 549562
Conc: 21.55 ng/ml



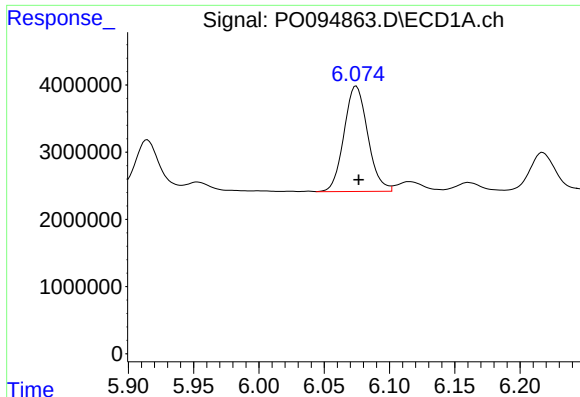
#22 AR-1248-2

R.T.: 5.870 min
Delta R.T.: -0.001 min
Response: 34847403
Conc: 333.04 ng/ml



#22 AR-1248-2

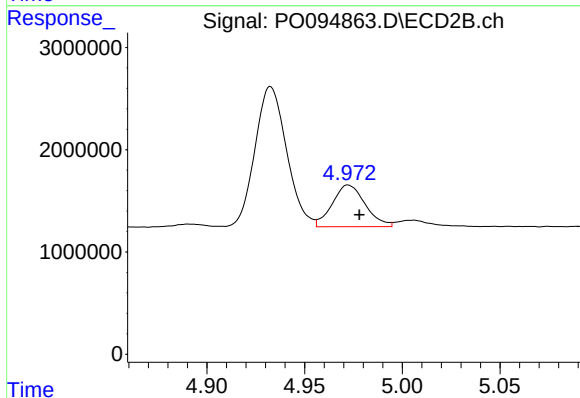
R.T.: 4.933 min
Delta R.T.: -0.004 min
Response: 15468840
Conc: 373.51 ng/ml



#23 AR-1248-3

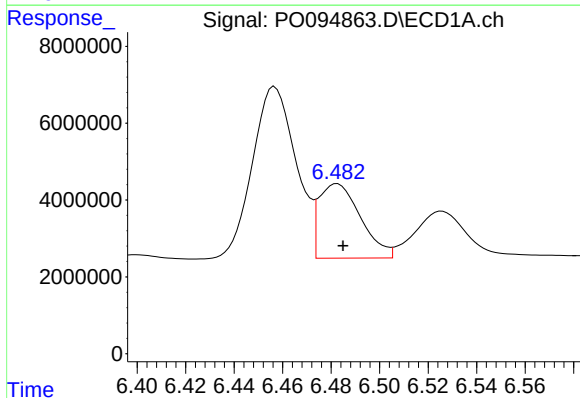
R.T.: 6.075 min
Delta R.T.: -0.002 min
Response: 19888152
Conc: 179.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



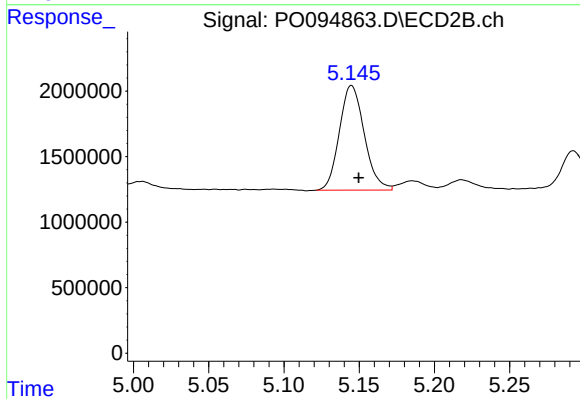
#23 AR-1248-3

R.T.: 4.972 min
Delta R.T.: -0.006 min
Response: 4793593
Conc: 111.73 ng/ml



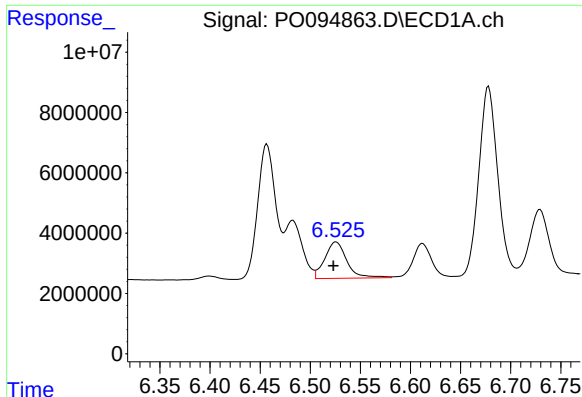
#24 AR-1248-4

R.T.: 6.483 min
Delta R.T.: -0.002 min
Response: 23141823
Conc: 224.76 ng/ml



#24 AR-1248-4

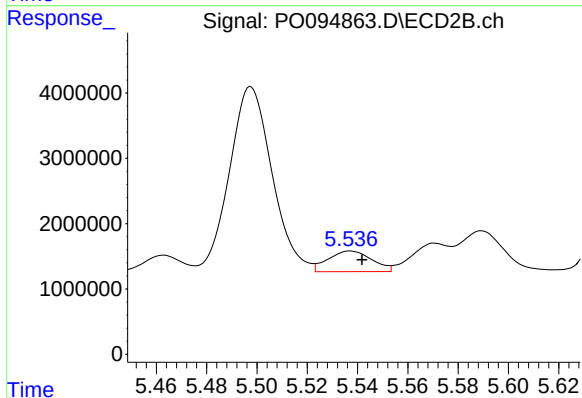
R.T.: 5.145 min
Delta R.T.: -0.005 min
Response: 9203229
Conc: 187.76 ng/ml



#25 AR-1248-5

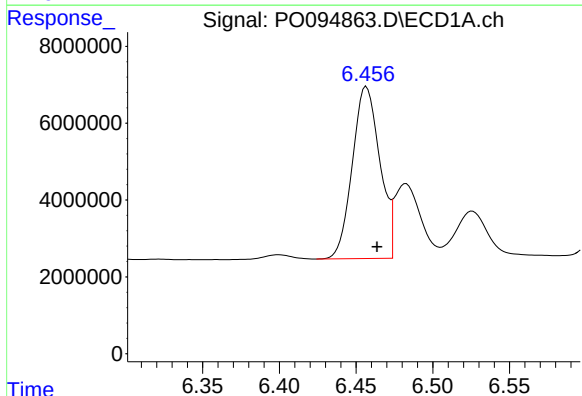
R.T.: 6.526 min
Delta R.T.: 0.003 min
Response: 18514964
Conc: 170.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



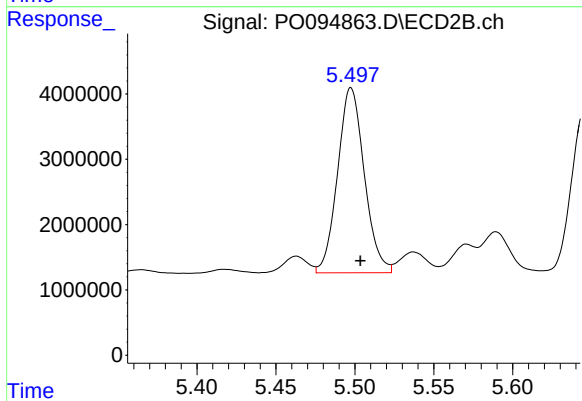
#25 AR-1248-5

R.T.: 5.537 min
Delta R.T.: -0.005 min
Response: 3813838
Conc: 95.86 ng/ml



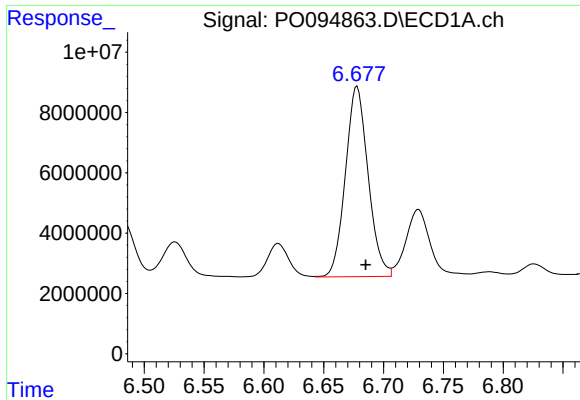
#26 AR-1254-1

R.T.: 6.457 min
Delta R.T.: -0.007 min
Response: 56008074
Conc: 442.06 ng/ml



#26 AR-1254-1

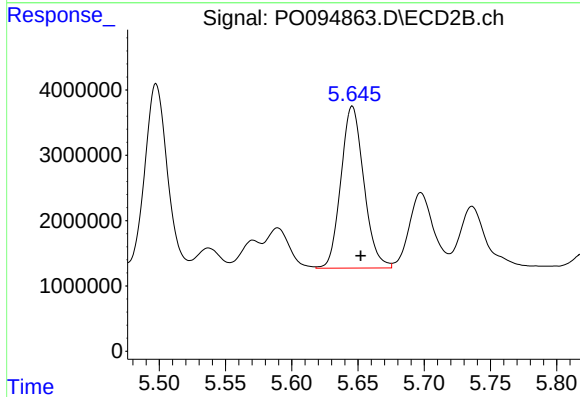
R.T.: 5.498 min
Delta R.T.: -0.006 min
Response: 33405690
Conc: 460.83 ng/ml



#27 AR-1254-2

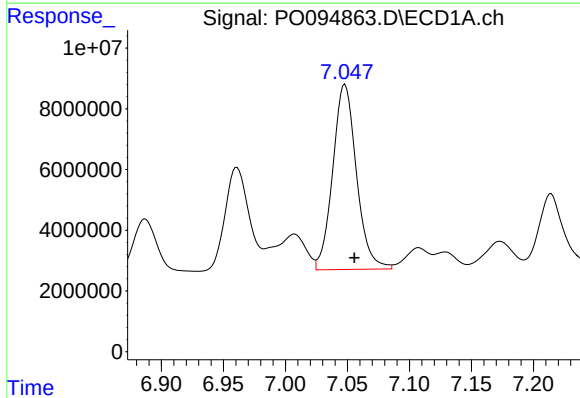
R.T.: 6.678 min
Delta R.T.: -0.007 min
Response: 83177798
Conc: 435.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



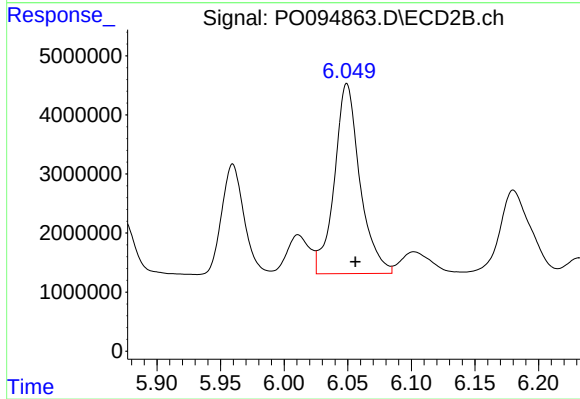
#27 AR-1254-2

R.T.: 5.646 min
Delta R.T.: -0.006 min
Response: 29834274
Conc: 457.24 ng/ml



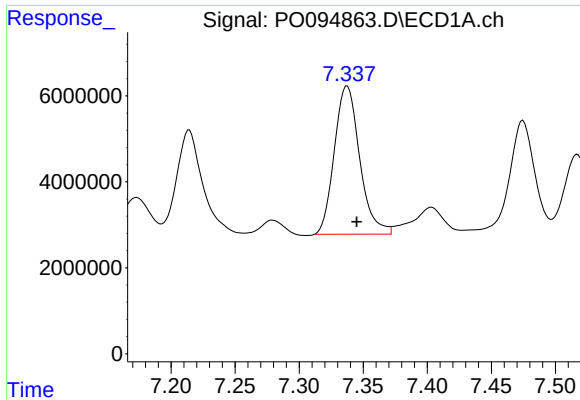
#28 AR-1254-3

R.T.: 7.048 min
Delta R.T.: -0.008 min
Response: 81294636
Conc: 431.01 ng/ml



#28 AR-1254-3

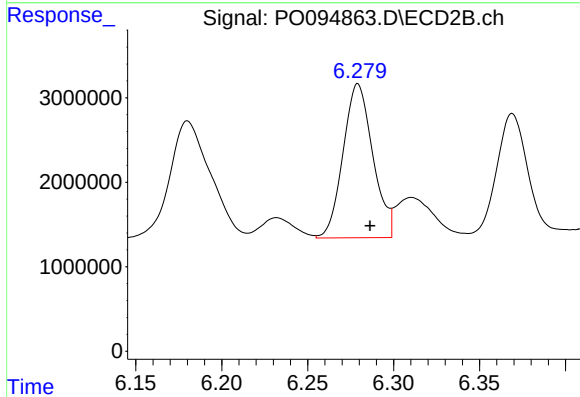
R.T.: 6.049 min
Delta R.T.: -0.007 min
Response: 44966052
Conc: 452.83 ng/ml



#29 AR-1254-4

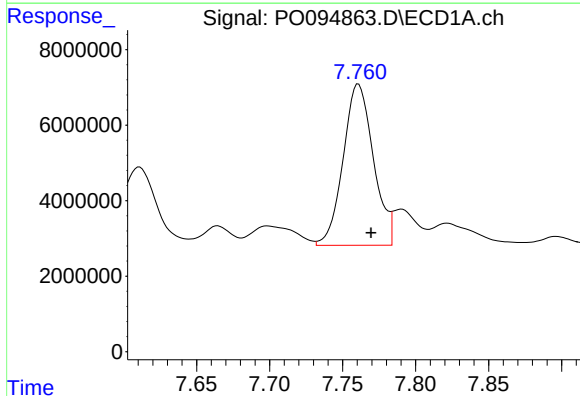
R.T.: 7.338 min
Delta R.T.: -0.007 min
Response: 47429620
Conc: 418.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



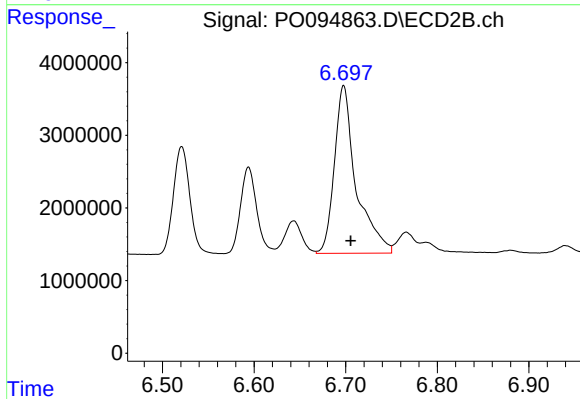
#29 AR-1254-4

R.T.: 6.279 min
Delta R.T.: -0.007 min
Response: 21936152
Conc: 444.42 ng/ml



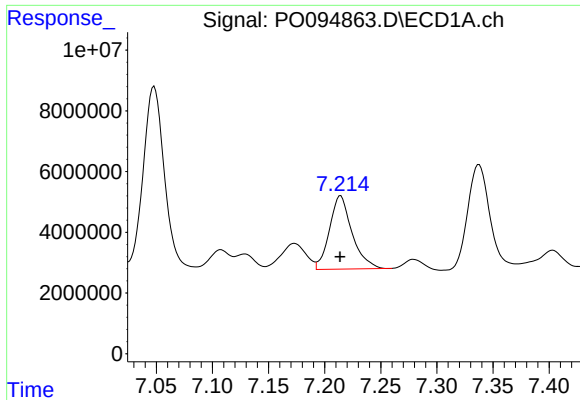
#30 AR-1254-5

R.T.: 7.761 min
Delta R.T.: -0.009 min
Response: 61499623
Conc: 439.13 ng/ml



#30 AR-1254-5

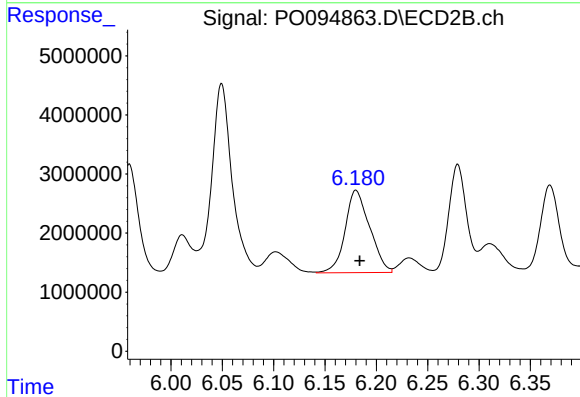
R.T.: 6.698 min
Delta R.T.: -0.008 min
Response: 38152566
Conc: 453.49 ng/ml



#31 AR-1260-1

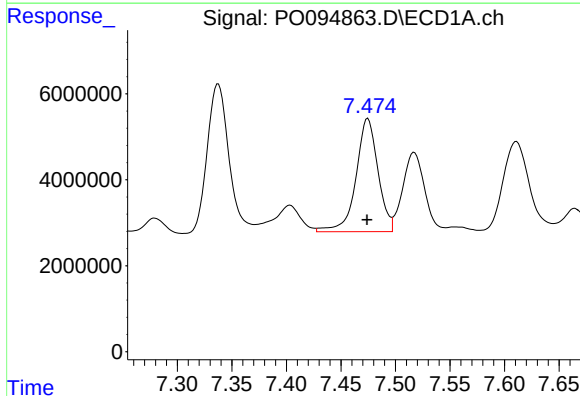
R.T.: 7.214 min
Delta R.T.: 0.000 min
Response: 34010927
Conc: 229.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



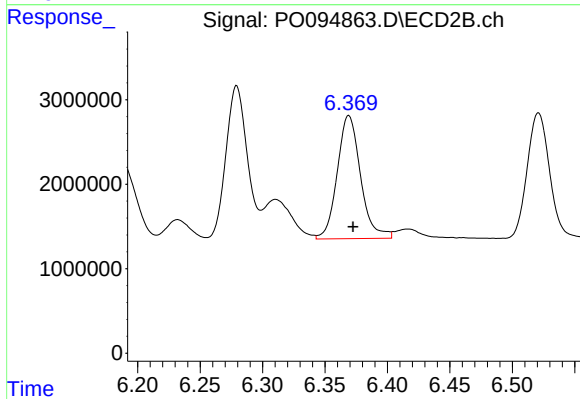
#31 AR-1260-1

R.T.: 6.180 min
Delta R.T.: -0.004 min
Response: 23215942
Conc: 329.77 ng/ml



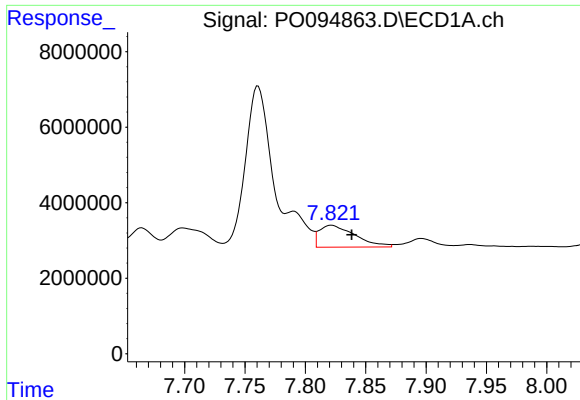
#32 AR-1260-2

R.T.: 7.475 min
Delta R.T.: 0.000 min
Response: 36969332
Conc: 227.97 ng/ml



#32 AR-1260-2

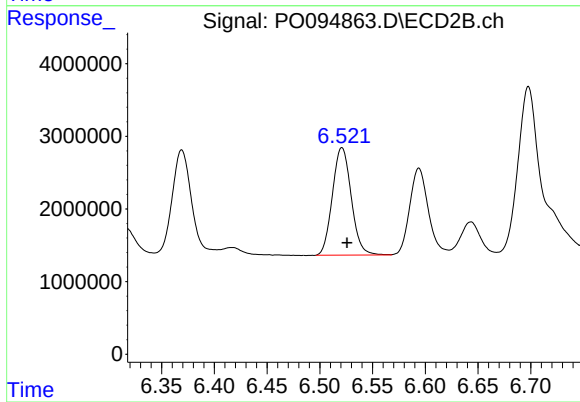
R.T.: 6.369 min
Delta R.T.: -0.004 min
Response: 18980562
Conc: 237.42 ng/ml



#33 AR-1260-3

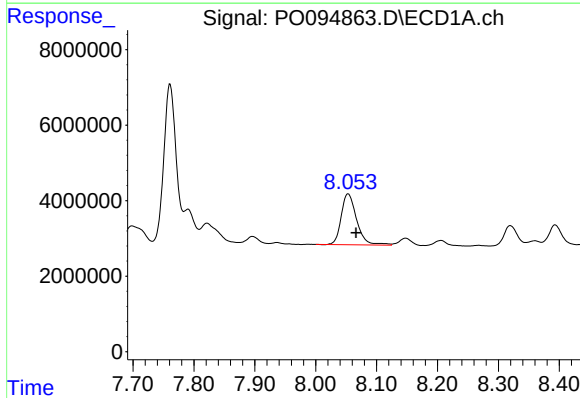
R.T.: 7.822 min
Delta R.T.: -0.017 min
Response: 11966249
Conc: 91.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



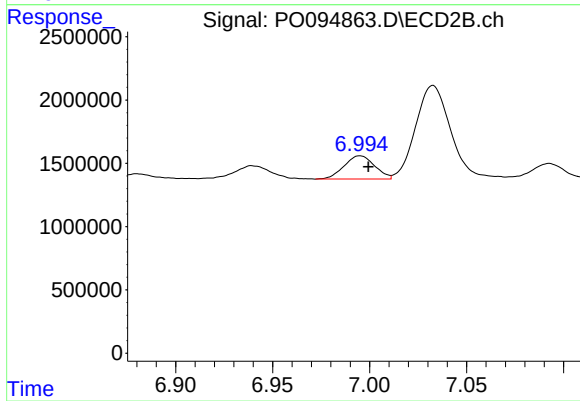
#33 AR-1260-3

R.T.: 6.521 min
Delta R.T.: -0.005 min
Response: 18397236
Conc: 244.64 ng/ml



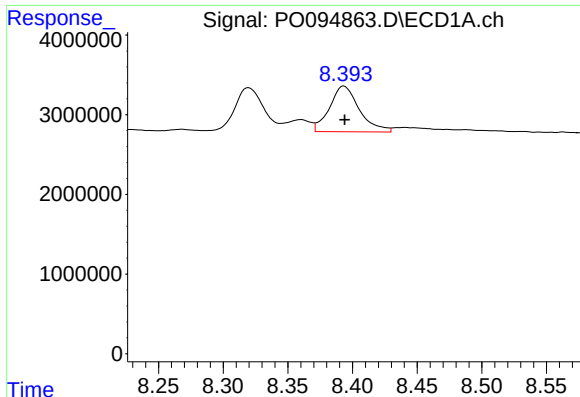
#34 AR-1260-4

R.T.: 8.053 min
Delta R.T.: -0.013 min
Response: 23720239
Conc: 169.63 ng/ml



#34 AR-1260-4

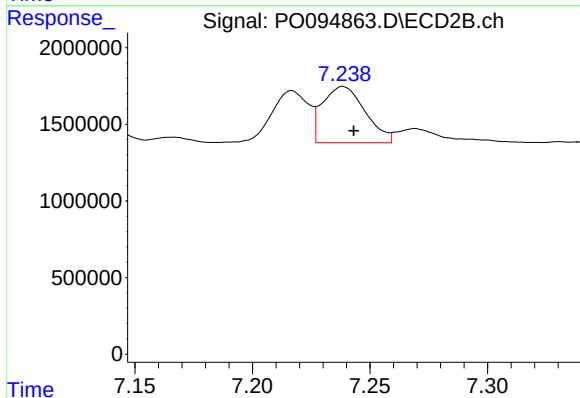
R.T.: 6.995 min
Delta R.T.: -0.004 min
Response: 1994765
Conc: 31.87 ng/ml



#35 AR-1260-5

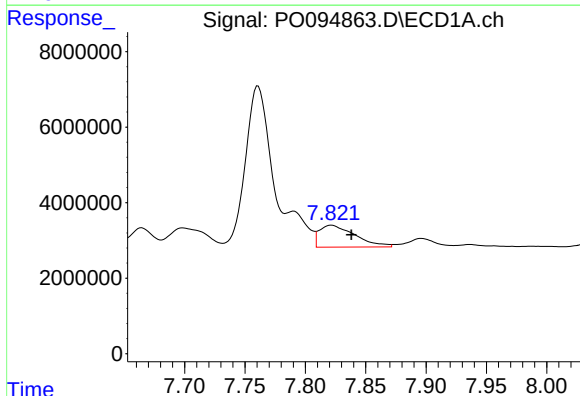
R.T.: 8.393 min
Delta R.T.: 0.000 min
Response: 9223190
Conc: 37.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



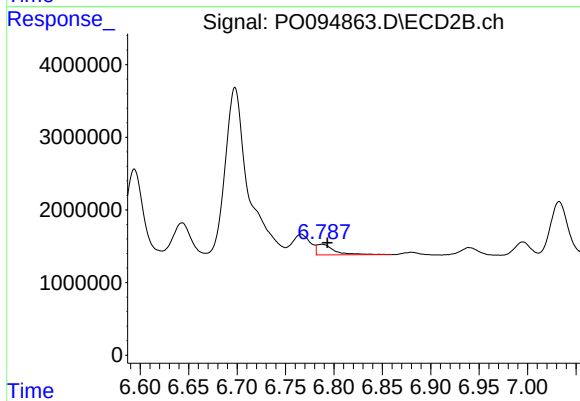
#35 AR-1260-5

R.T.: 7.239 min
Delta R.T.: -0.004 min
Response: 4621133
Conc: 36.66 ng/ml



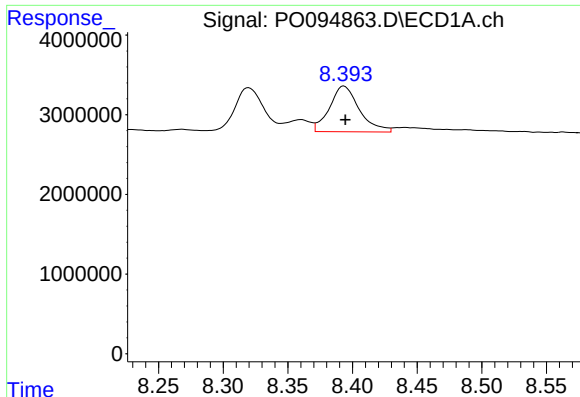
#36 AR-1262-1

R.T.: 7.822 min
Delta R.T.: -0.016 min
Response: 11966249
Conc: 71.25 ng/ml



#36 AR-1262-1

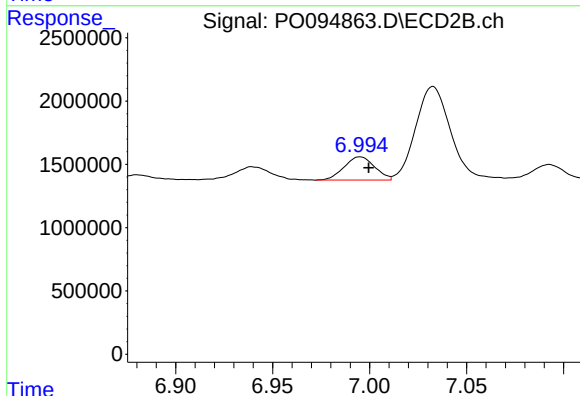
R.T.: 6.788 min
Delta R.T.: -0.006 min
Response: 1861271
Conc: 49.66 ng/ml



#37 AR-1262-2

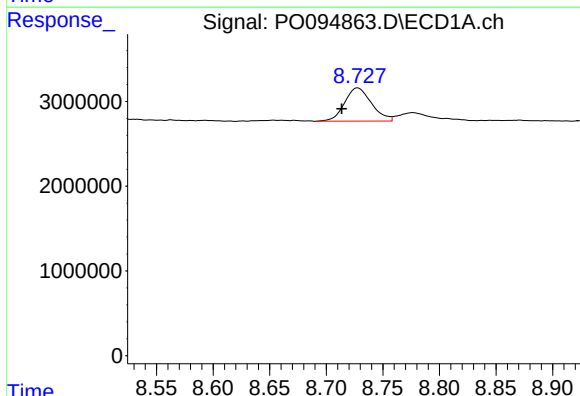
R.T.: 8.393 min
Delta R.T.: -0.001 min
Response: 9223190
Conc: 36.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



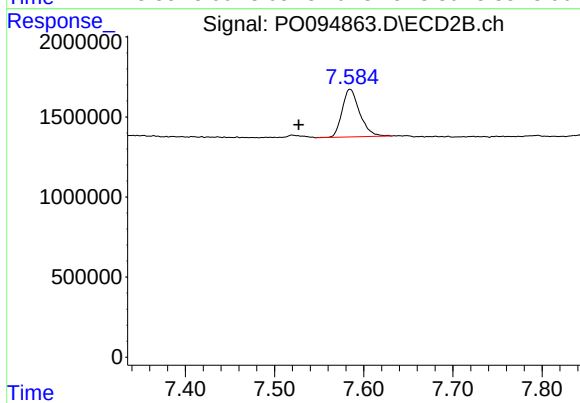
#37 AR-1262-2

R.T.: 6.995 min
Delta R.T.: -0.004 min
Response: 1994765
Conc: 26.74 ng/ml



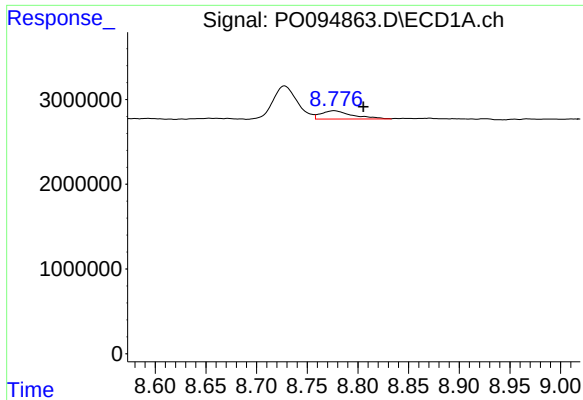
#38 AR-1262-3

R.T.: 8.728 min
Delta R.T.: 0.014 min
Response: 6508696
Conc: 36.04 ng/ml



#38 AR-1262-3

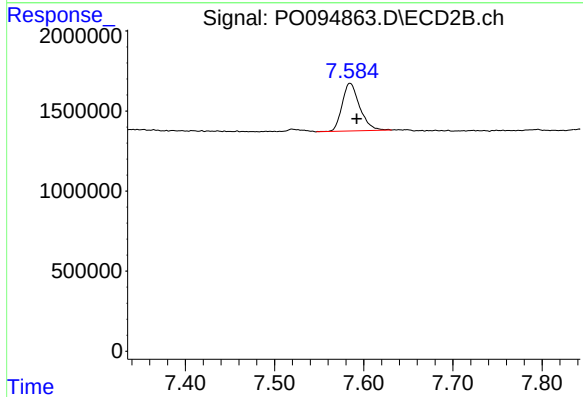
R.T.: 7.585 min
Delta R.T.: 0.057 min
Response: 4080295
Conc: 70.15 ng/ml



#39 AR-1262-4

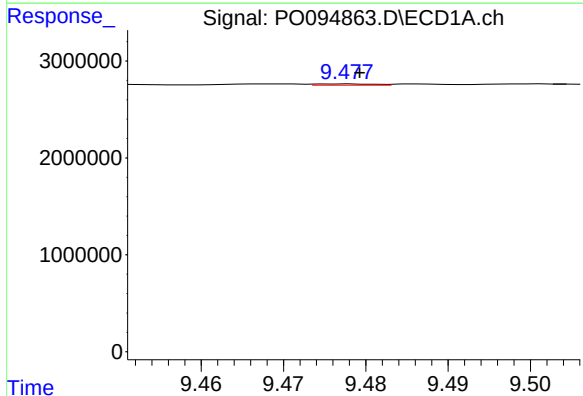
R.T.: 8.777 min
Delta R.T.: -0.029 min
Response: 2104867
Conc: 22.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



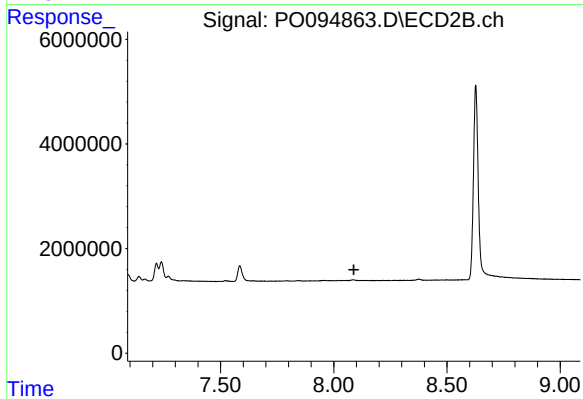
#39 AR-1262-4

R.T.: 7.585 min
Delta R.T.: -0.008 min
Response: 4080295
Conc: 40.29 ng/ml



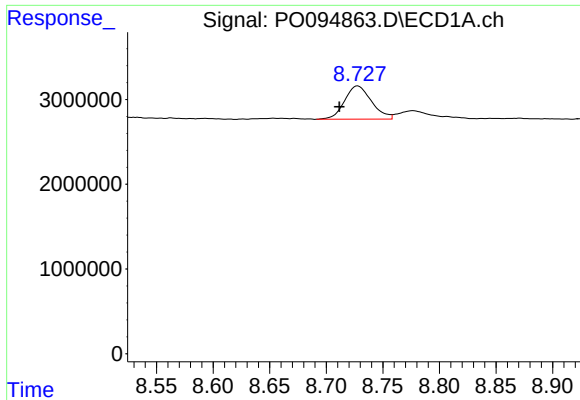
#40 AR-1262-5

R.T.: 9.477 min
Delta R.T.: -0.002 min
Response: 61395
Conc: 0.72 ng/ml



#40 AR-1262-5

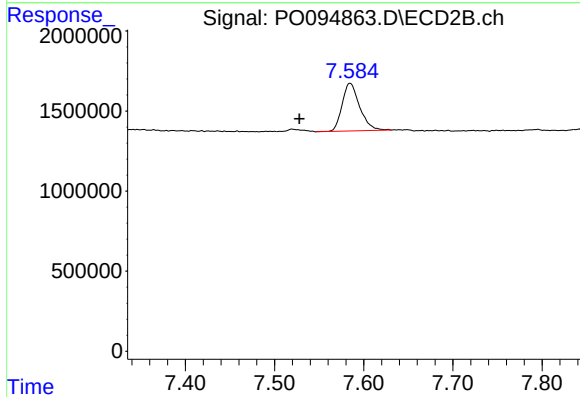
R.T.: 0.000 min
Exp R.T. : 8.089 min
Response: 0
Conc: N.D.



#41 AR-1268-1

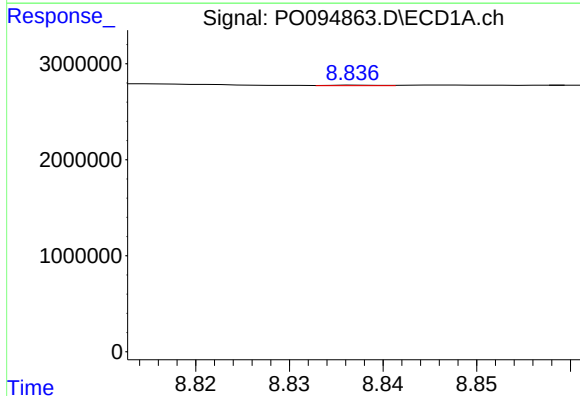
R.T.: 8.728 min
Delta R.T.: 0.016 min
Response: 6508696
Conc: 19.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



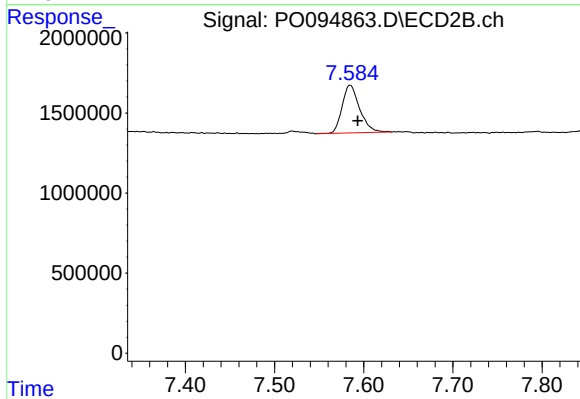
#41 AR-1268-1

R.T.: 7.585 min
Delta R.T.: 0.057 min
Response: 4080295
Conc: 24.15 ng/ml



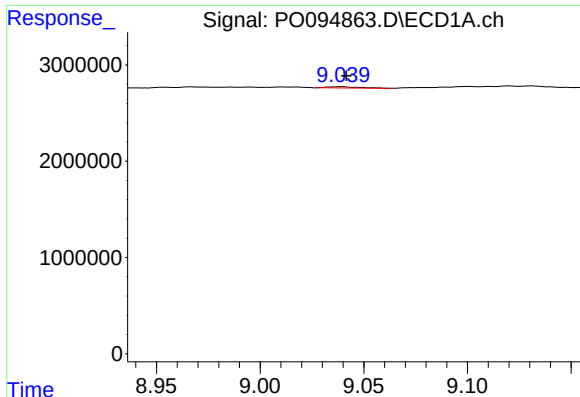
#42 AR-1268-2

R.T.: 8.837 min
Delta R.T.: 0.029 min
Response: 19696
Conc: 0.06 ng/ml



#42 AR-1268-2

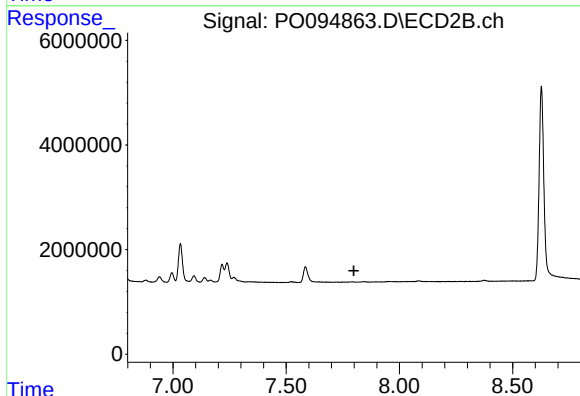
R.T.: 7.585 min
Delta R.T.: -0.009 min
Response: 4080295
Conc: 26.63 ng/ml



#43 AR-1268-3

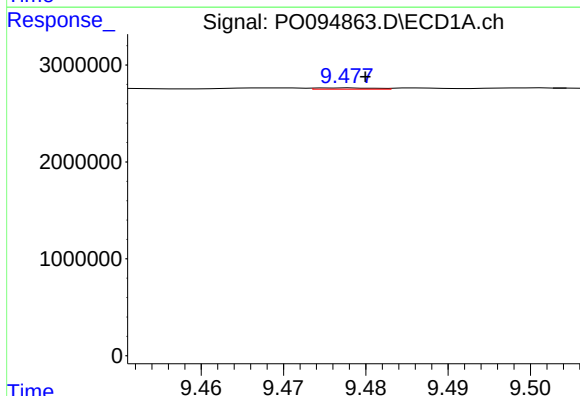
R.T.: 9.039 min
Delta R.T.: -0.002 min
Response: 140530
Conc: 0.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



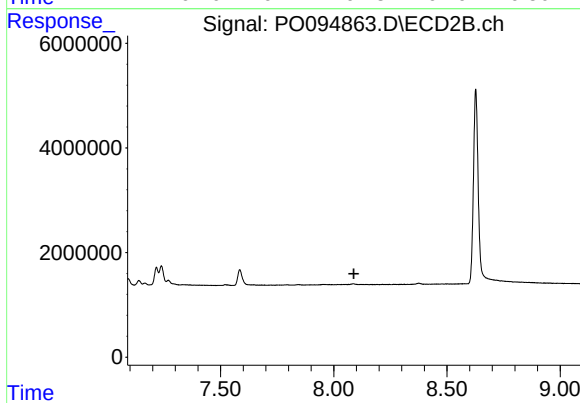
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.799 min
Response: 0
Conc: N.D.



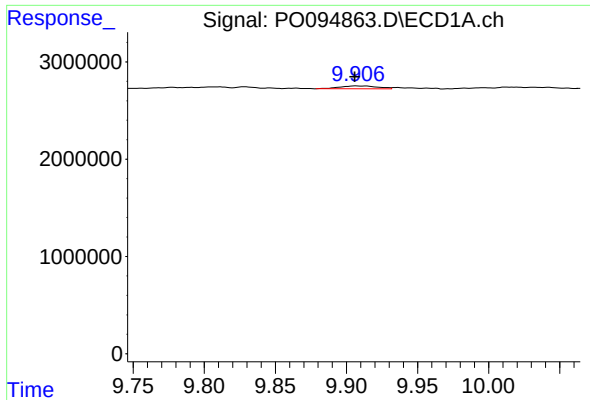
#44 AR-1268-4

R.T.: 9.477 min
Delta R.T.: -0.003 min
Response: 61395
Conc: 0.65 ng/ml



#44 AR-1268-4

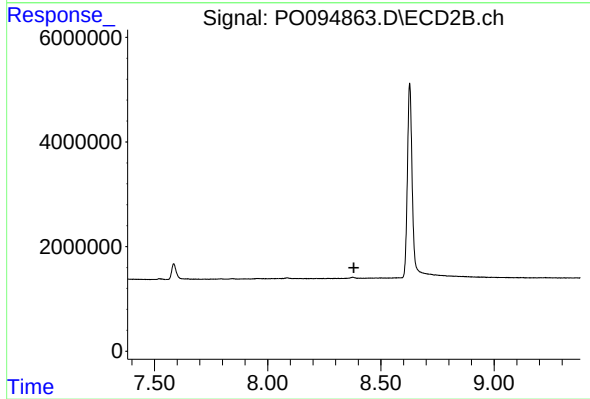
R.T.: 0.000 min
Exp R.T. : 8.089 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.907 min
Delta R.T.: 0.001 min
Response: 544076
Conc: 0.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.381 min
Response: 0
Conc: N.D.