

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082718\
 Data File : P0048536.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 27 Aug 2018 16:51
 Operator : SM/SJ
 Sample : IDOC 1
 Misc : WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 IDOC 1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 28 05:37:40 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0082418.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 24 08:17:51 2018
 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...	4.393	3.626	4782350	5630058	25.246	20.796
2) SA Decachlor...	10.078	8.604	3706818	3469406	21.526	20.716
Target Compounds						
3) L1 AR-1016-1	5.100	4.297	1329008	2457664	278.675	410.140 #
4) L1 AR-1016-2	5.294	4.706	1287061	2120517	274.478	241.399
5) L1 AR-1016-3	5.561	4.725	1951835	3010624	286.847	235.191
6) L1 AR-1016-4	5.645	4.781	1632153	2162882	268.473	263.726
7) L1 AR-1016-5	6.037	5.154	1345718	1475959	269.468	199.684 #
8) L2 AR-1221-1	4.596	3.838	130188	146234	61.923	55.567
9) L2 AR-1221-2	4.690	3.925	219548	265863	144.806	138.195
10) L2 AR-1221-3	4.766	4.000	953541	986162	192.207	158.155
11) L3 AR-1232-1	5.584	4.487	2758268	1553533	613.861	532.307
12) L3 AR-1232-2	5.744	4.725	1362214	3010624	599.601	502.773
13) L3 AR-1232-3	5.833	4.983	1275115	1360658	758.328	517.711 #
14) L3 AR-1232-4	6.413	5.302	1008686	1368966	622.753	493.462
15) L3 AR-1232-5	6.478	5.545	191772	155791	81.504	50.611 #
16) L4 AR-1242-1	5.131	4.297	777366	2457664	324.496	702.786 #
17) L4 AR-1242-2	5.878	4.901	1319730	1485445	364.114	271.564 #
18) L4 AR-1242-3	6.078	4.942	542206	1166156	314.220	277.886
19) L4 AR-1242-4	6.122	0.000	379781	0	294.370	N.D. #
20) L4 AR-1242-5	6.178	0.000	1124676	0	251.681	N.D. #
21) L5 AR-1248-1	5.833	4.942	1275115	1166156	216.003	153.885 #
22) L5 AR-1248-2	6.413	5.504	1008686	1243030	173.546	94.416 #
23) L5 AR-1248-3	6.439	5.545	219954	155791	28.502	17.076 #
24) L5 AR-1248-4	6.478	0.000	191772	0	26.180	N.D. #
25) L5 AR-1248-5	6.629	6.067	1115152	2622208	230.494	437.465 #
26) L6 AR-1254-1	6.629	5.650	1115152	1167847	82.149	81.171
27) L6 AR-1254-2	6.910	5.964	202772	306393	24.568	26.455
28) L6 AR-1254-3	6.999	6.280	846158	259968	58.973	17.748 #
29) L6 AR-1254-4	7.280	6.601	444288	292409	40.426	29.713 #
30) L6 AR-1254-5	7.542	6.696	1292945	3801128	158.650	195.058
31) L7 AR-1260-1	7.158	6.182	2406040	2918368	241.539	210.733
32) L7 AR-1260-2	7.414	6.368	2863503	3741997	239.043	213.299
33) L7 AR-1260-3	7.697	6.522	3350341	3081585	244.114	200.974
34) L7 AR-1260-4	7.996	6.992	2045847	2153783	206.638	185.036
35) L7 AR-1260-5	8.311	7.232	3857914	5282182	202.090	195.070
36) L8 AR-1262-1	7.052	6.067	1578868	2622208	202.161	246.689
37) L8 AR-1262-2	7.828	6.786	989139	1301017	153.618	136.101
38) L8 AR-1262-3	8.076	7.089	995086	1213576	144.119	128.534

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0082718\
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 Acq On : 27 Aug 2018 16:51
 Operator : SM/SJ
 Sample : IDOC 1
 Misc : WATER
 ALS Vial : 4 Sample Multiplier: 1

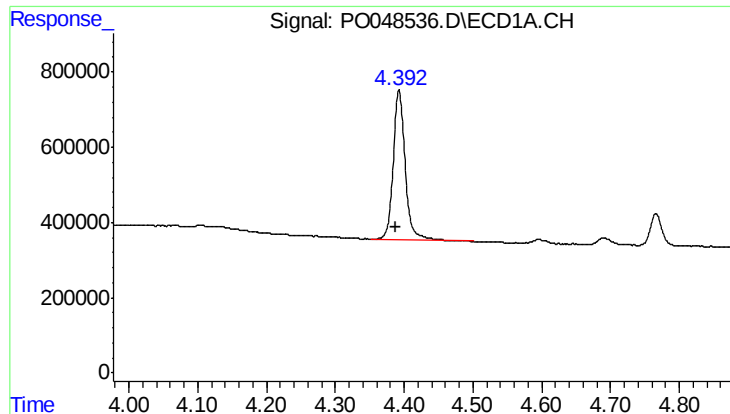
Instrument :
 ECD_O
 ClientSampleId :
 IDOC 1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 28 05:37:40 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0082418.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
39)	L8 AR-1262-4	8.704	7.514	513861	1038281	37.620	77.156 #
40)	L8 AR-1262-5	9.349	8.070	1000903	1046092	108.249	101.566
41)	L9 AR-1268-1	7.770	6.732	1857582	2606653	350.087	336.988
42)	L9 AR-1268-2	7.996	7.578	2045847	3449482	299.601	114.281 #
43)	L9 AR-1268-3	8.632	7.784	2447071	103161	94.852	4.154 #
44)	L9 AR-1268-4	0.000	7.943	0	467815	N.D.	71.508 #
45)	L9 AR-1268-5	9.752	8.355	334460	331708	5.511	5.328

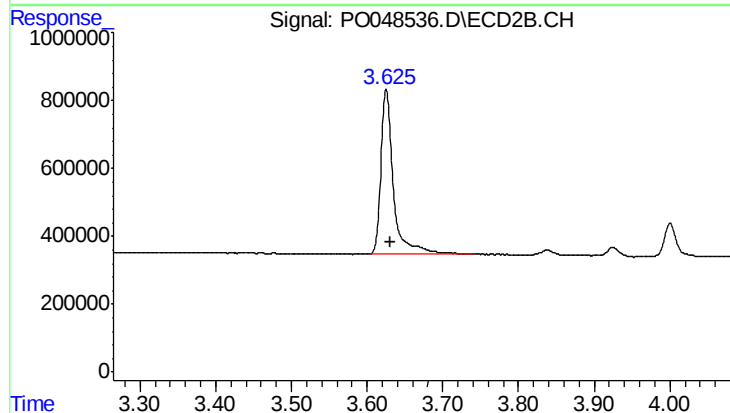
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

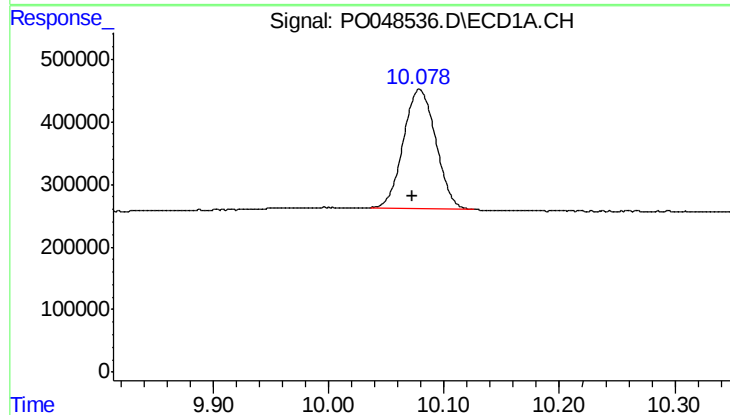
R.T.: 4.393 min
Delta R.T.: 0.005 min
Response: 4782350
Conc: 25.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
IDOC 1



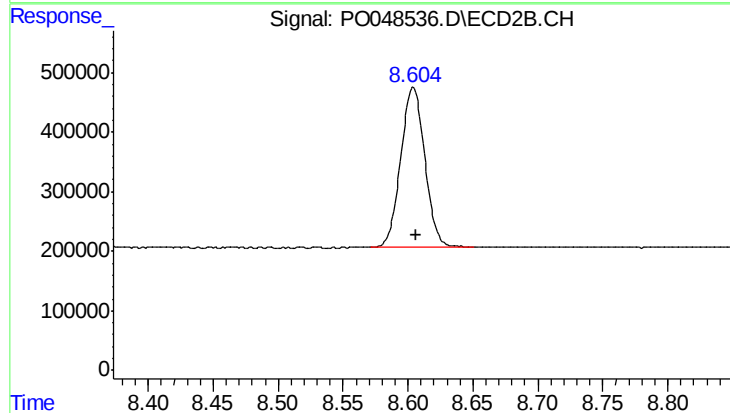
#1 Tetrachloro-m-xylene

R.T.: 3.626 min
Delta R.T.: -0.005 min
Response: 5630058
Conc: 20.80 ng/ml



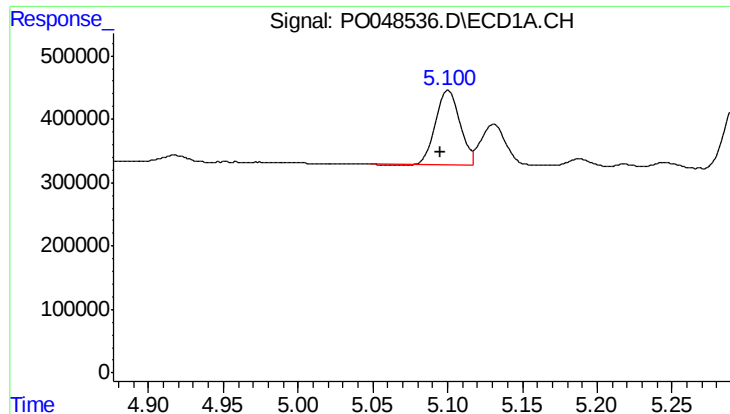
#2 Decachlorobiphenyl

R.T.: 10.078 min
Delta R.T.: 0.006 min
Response: 3706818
Conc: 21.53 ng/ml



#2 Decachlorobiphenyl

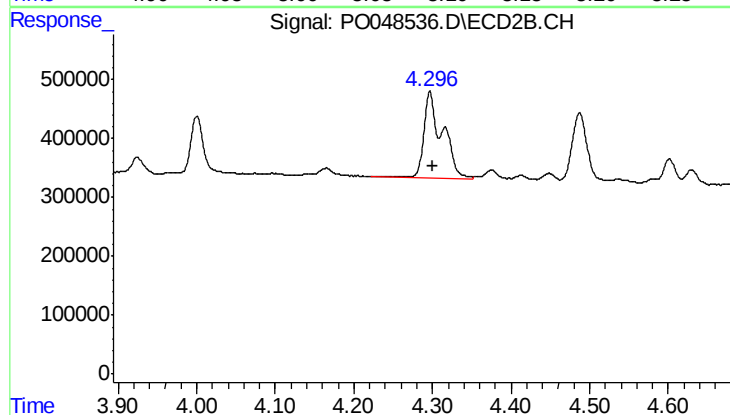
R.T.: 8.604 min
Delta R.T.: -0.002 min
Response: 3469406
Conc: 20.72 ng/ml



#3 AR-1016-1

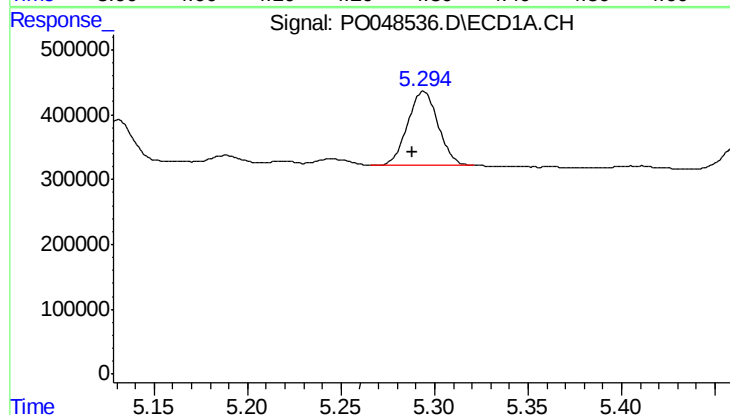
R.T.: 5.100 min
Delta R.T.: 0.005 min
Response: 1329008
Conc: 278.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
IDOC 1



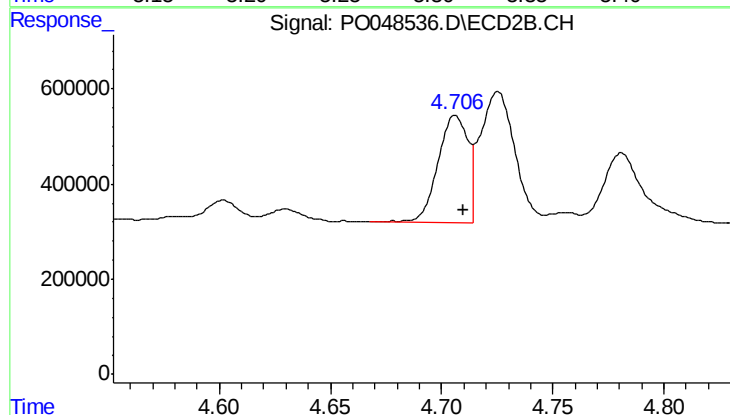
#3 AR-1016-1

R.T.: 4.297 min
Delta R.T.: -0.004 min
Response: 2457664
Conc: 410.14 ng/ml



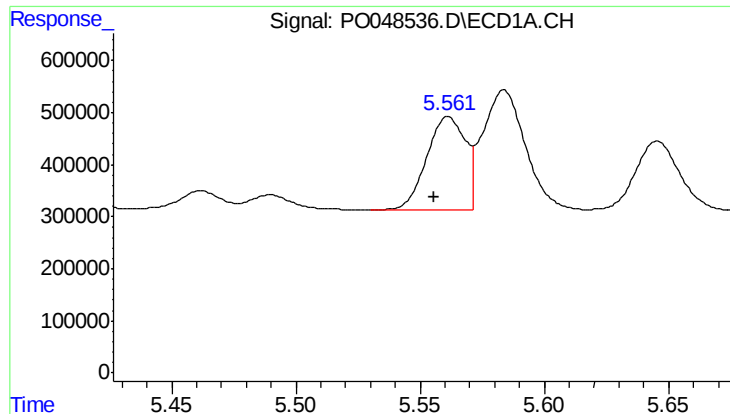
#4 AR-1016-2

R.T.: 5.294 min
Delta R.T.: 0.006 min
Response: 1287061
Conc: 274.48 ng/ml



#4 AR-1016-2

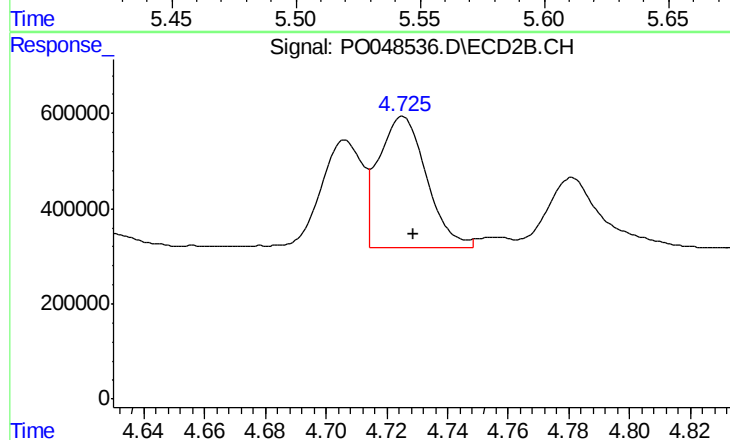
R.T.: 4.706 min
Delta R.T.: -0.004 min
Response: 2120517
Conc: 241.40 ng/ml



#5 AR-1016-3

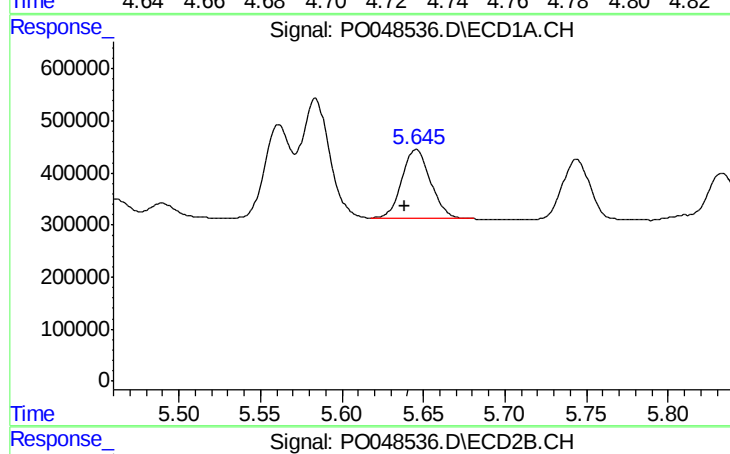
R.T.: 5.561 min
Delta R.T.: 0.006 min
Response: 1951835
Conc: 286.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
IDOC 1



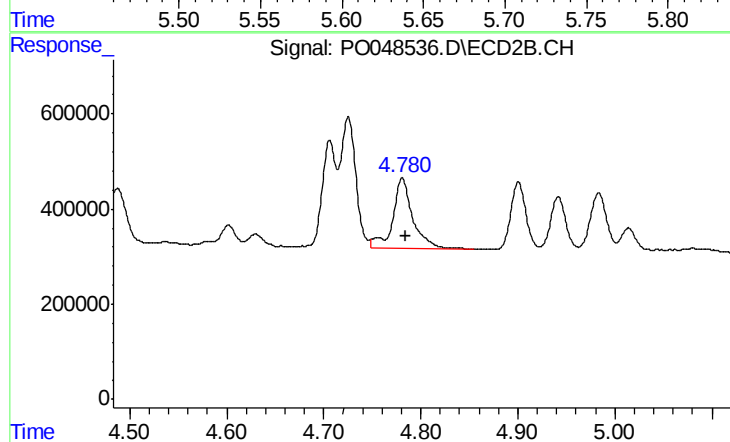
#5 AR-1016-3

R.T.: 4.725 min
Delta R.T.: -0.004 min
Response: 3010624
Conc: 235.19 ng/ml



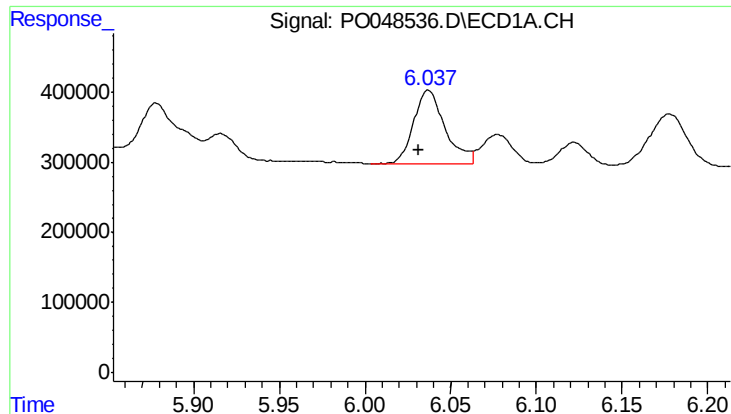
#6 AR-1016-4

R.T.: 5.645 min
Delta R.T.: 0.007 min
Response: 1632153
Conc: 268.47 ng/ml



#6 AR-1016-4

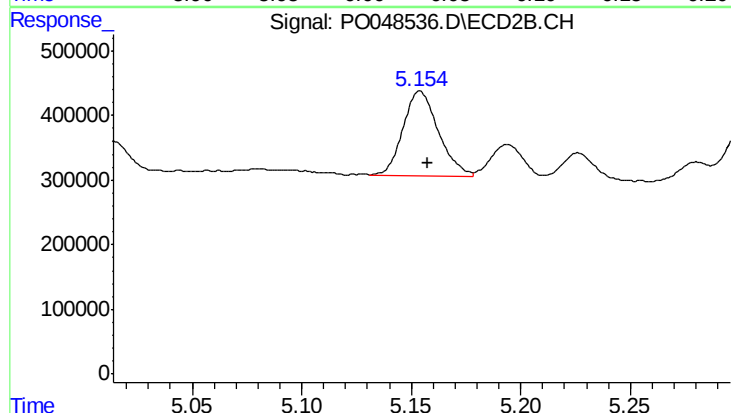
R.T.: 4.781 min
Delta R.T.: -0.003 min
Response: 2162882
Conc: 263.73 ng/ml



#7 AR-1016-5

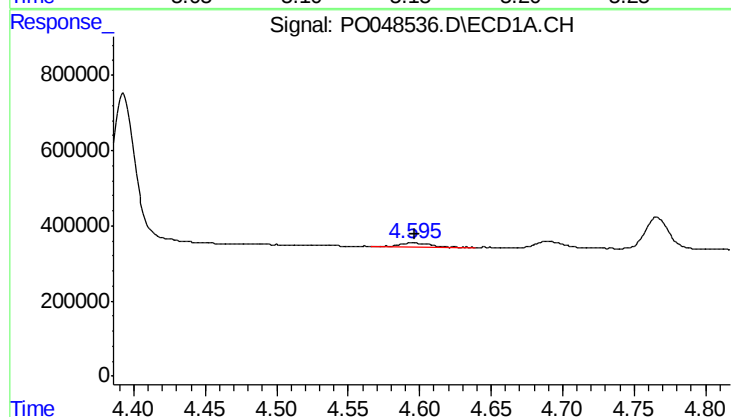
R.T.: 6.037 min
Delta R.T.: 0.006 min
Response: 1345718
Conc: 269.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
IDOC 1



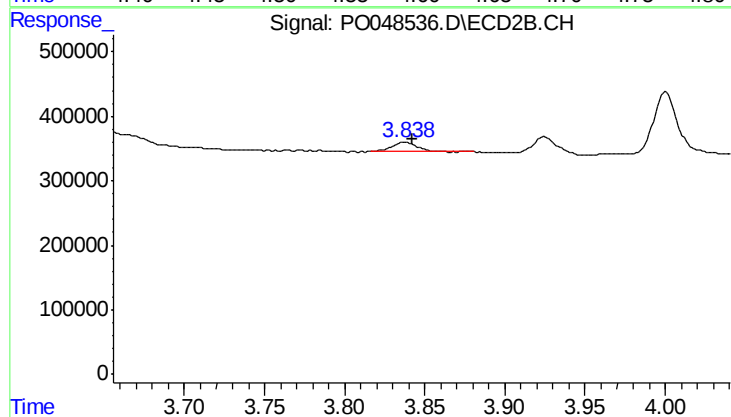
#7 AR-1016-5

R.T.: 5.154 min
Delta R.T.: -0.003 min
Response: 1475959
Conc: 199.68 ng/ml



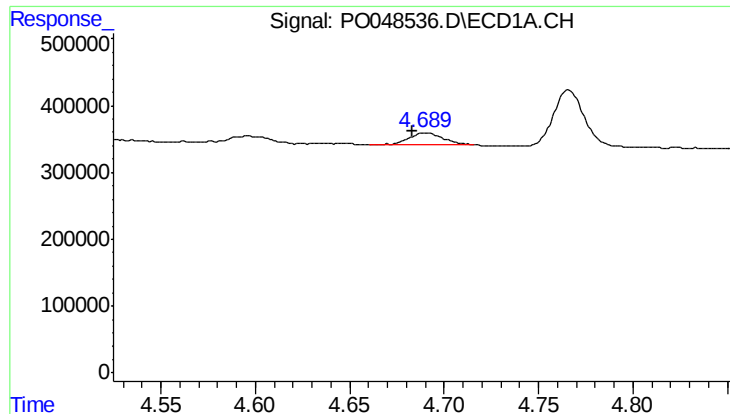
#8 AR-1221-1

R.T.: 4.596 min
Delta R.T.: 0.000 min
Response: 130188
Conc: 61.92 ng/ml



#8 AR-1221-1

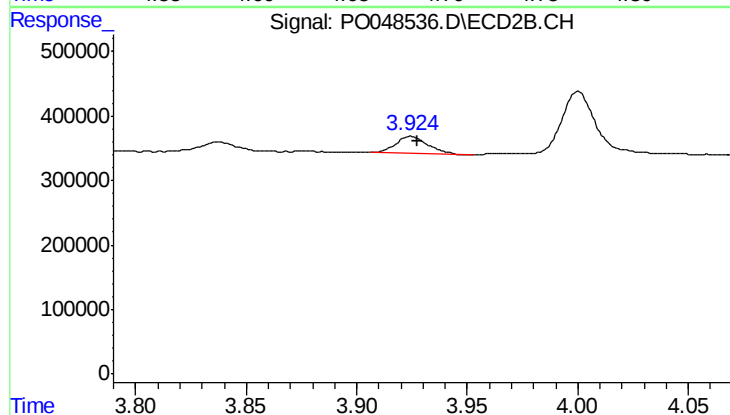
R.T.: 3.838 min
Delta R.T.: -0.005 min
Response: 146234
Conc: 55.57 ng/ml



#9 AR-1221-2

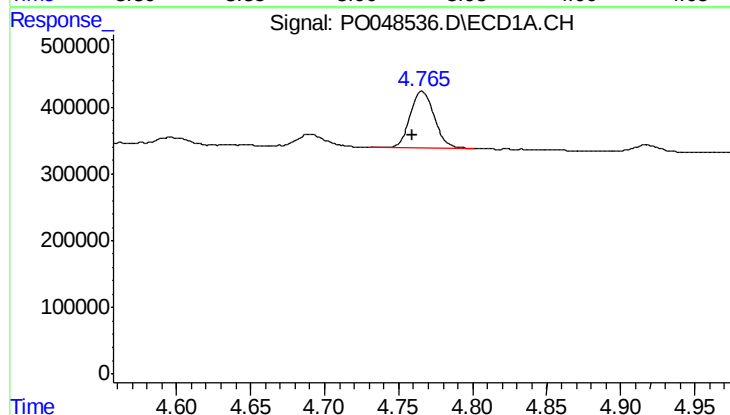
R.T.: 4.690 min
Delta R.T.: 0.007 min
Response: 219548
Conc: 144.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
IDOC 1



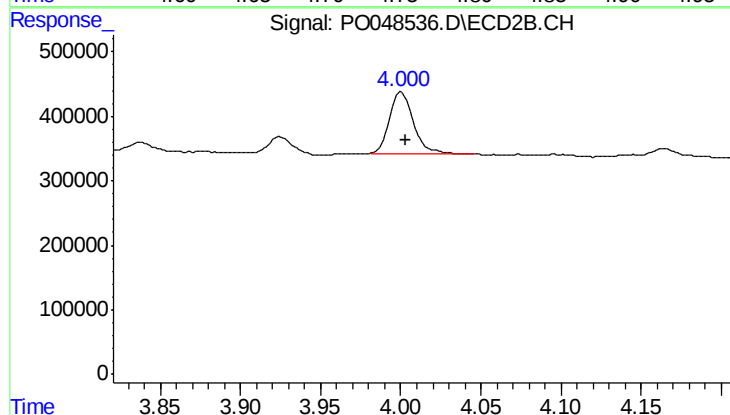
#9 AR-1221-2

R.T.: 3.925 min
Delta R.T.: -0.003 min
Response: 265863
Conc: 138.20 ng/ml



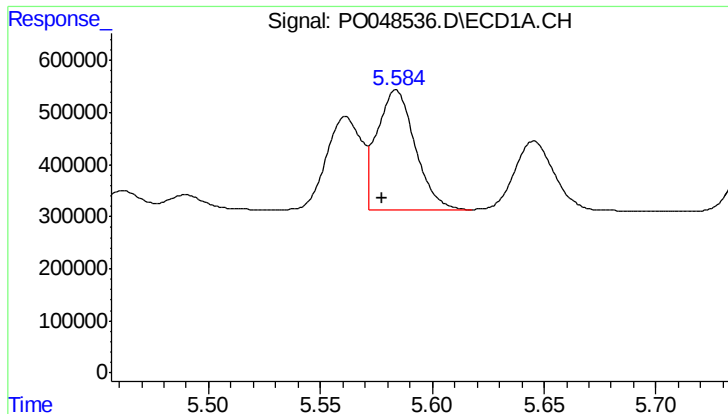
#10 AR-1221-3

R.T.: 4.766 min
Delta R.T.: 0.006 min
Response: 953541
Conc: 192.21 ng/ml



#10 AR-1221-3

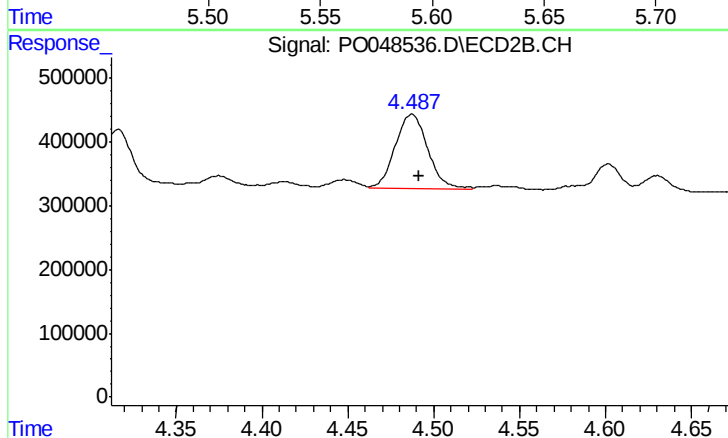
R.T.: 4.000 min
Delta R.T.: -0.003 min
Response: 986162
Conc: 158.15 ng/ml



#11 AR-1232-1

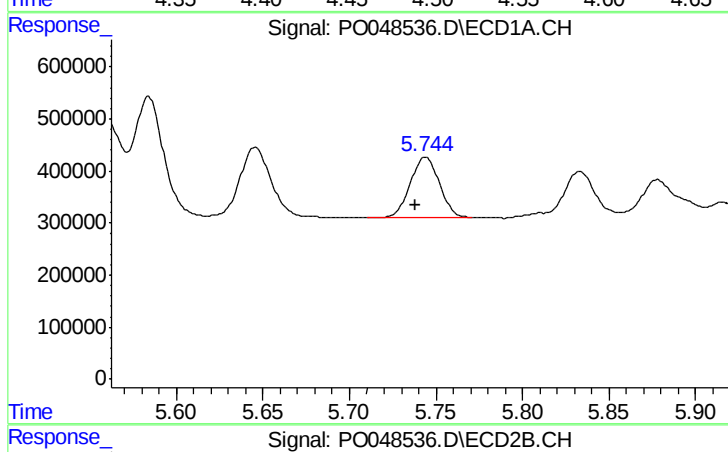
R.T.: 5.584 min
Delta R.T.: 0.006 min
Response: 2758268
Conc: 613.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
IDOC 1



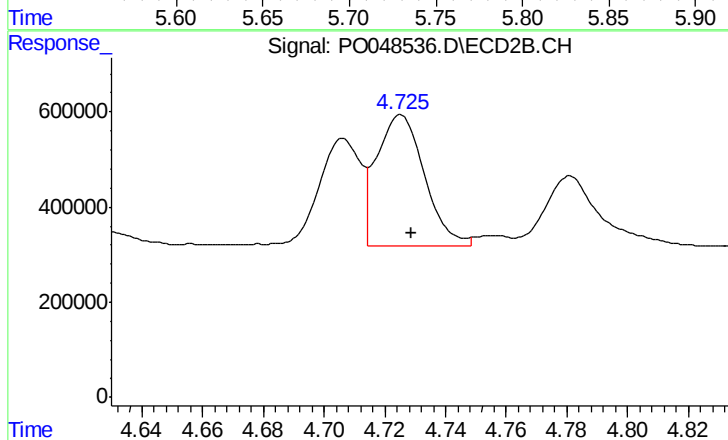
#11 AR-1232-1

R.T.: 4.487 min
Delta R.T.: -0.004 min
Response: 1553533
Conc: 532.31 ng/ml



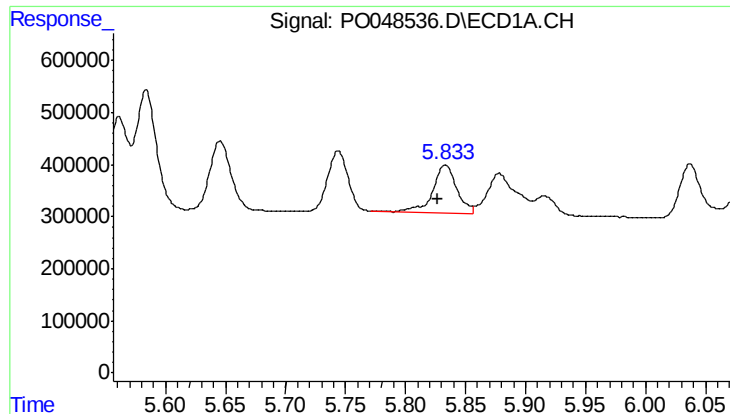
#12 AR-1232-2

R.T.: 5.744 min
Delta R.T.: 0.006 min
Response: 1362214
Conc: 599.60 ng/ml



#12 AR-1232-2

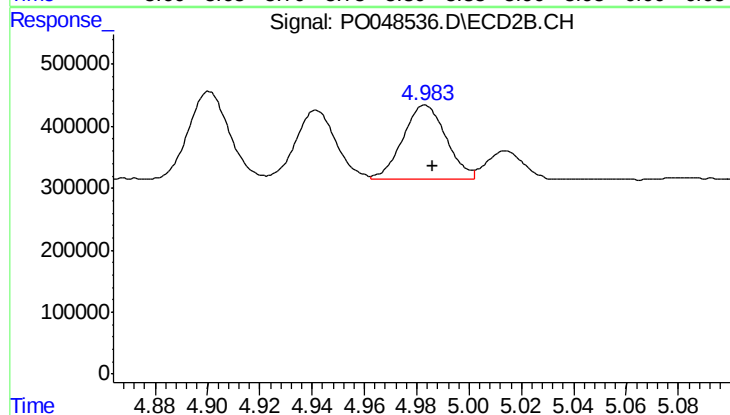
R.T.: 4.725 min
Delta R.T.: -0.004 min
Response: 3010624
Conc: 502.77 ng/ml



#13 AR-1232-3

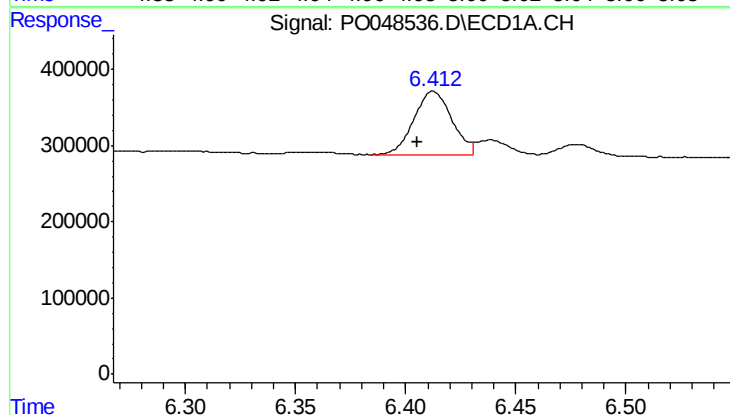
R.T.: 5.833 min
Delta R.T.: 0.007 min
Response: 1275115
Conc: 758.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
IDOC 1



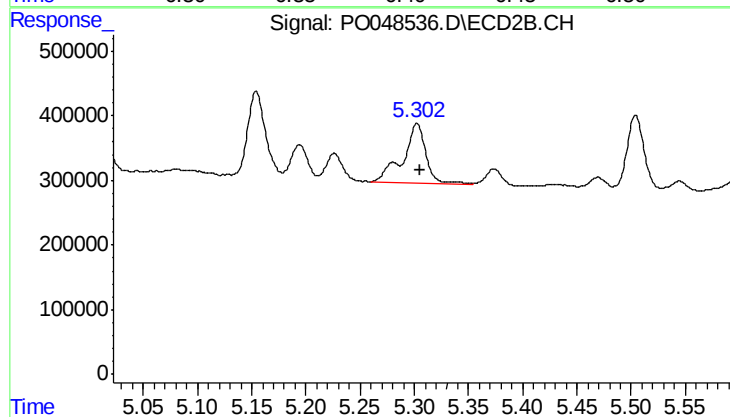
#13 AR-1232-3

R.T.: 4.983 min
Delta R.T.: -0.003 min
Response: 1360658
Conc: 517.71 ng/ml



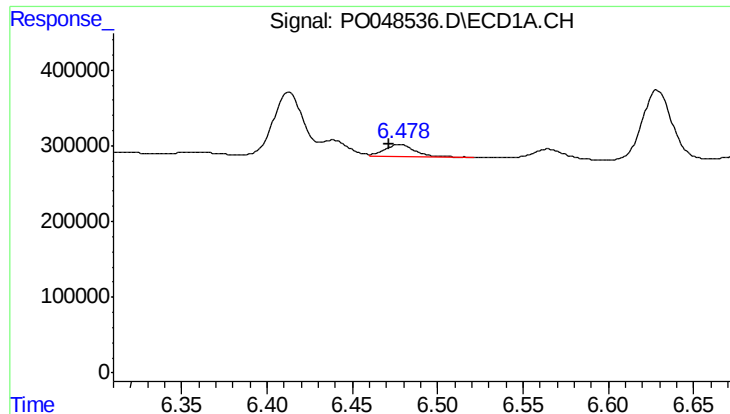
#14 AR-1232-4

R.T.: 6.413 min
Delta R.T.: 0.008 min
Response: 1008686
Conc: 622.75 ng/ml



#14 AR-1232-4

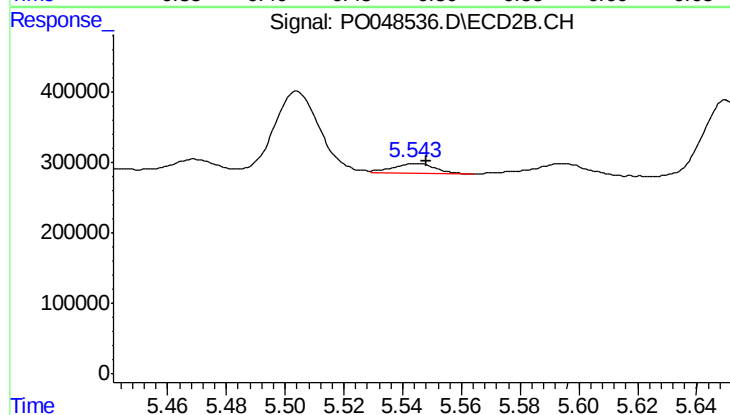
R.T.: 5.302 min
Delta R.T.: -0.003 min
Response: 1368966
Conc: 493.46 ng/ml



#15 AR-1232-5

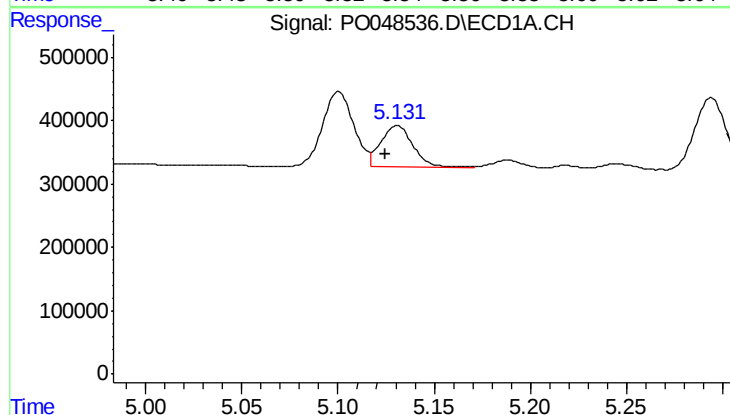
R.T.: 6.478 min
Delta R.T.: 0.006 min
Response: 191772
Conc: 81.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
IDOC 1



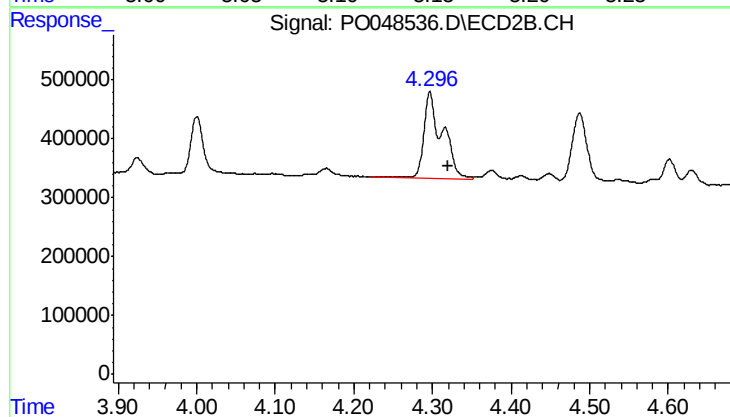
#15 AR-1232-5

R.T.: 5.545 min
Delta R.T.: -0.004 min
Response: 155791
Conc: 50.61 ng/ml



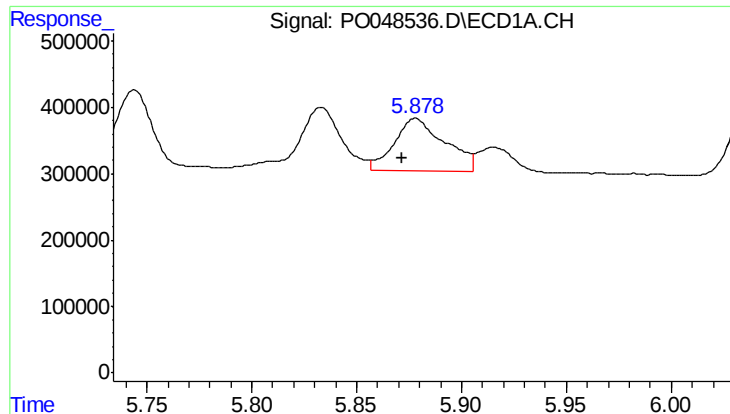
#16 AR-1242-1

R.T.: 5.131 min
Delta R.T.: 0.007 min
Response: 777366
Conc: 324.50 ng/ml



#16 AR-1242-1

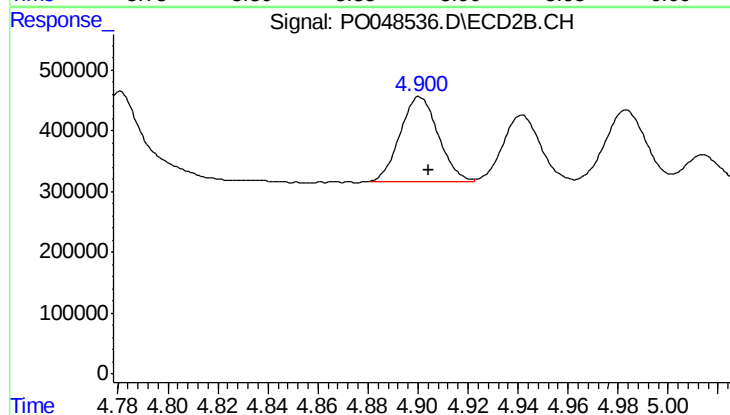
R.T.: 4.297 min
Delta R.T.: -0.023 min
Response: 2457664
Conc: 702.79 ng/ml



#17 AR-1242-2

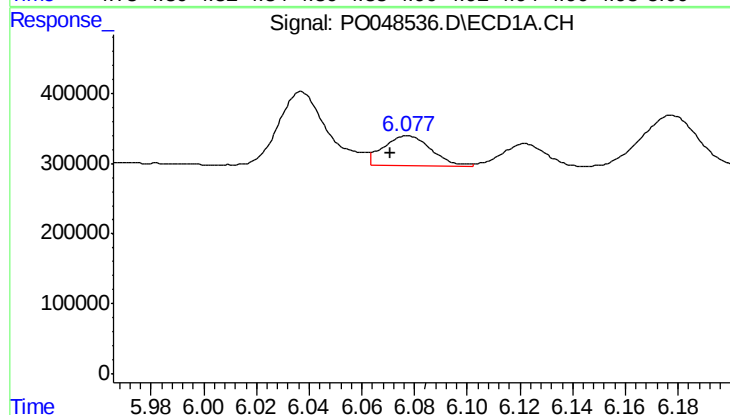
R.T.: 5.878 min
Delta R.T.: 0.007 min
Response: 1319730
Conc: 364.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
IDOC 1



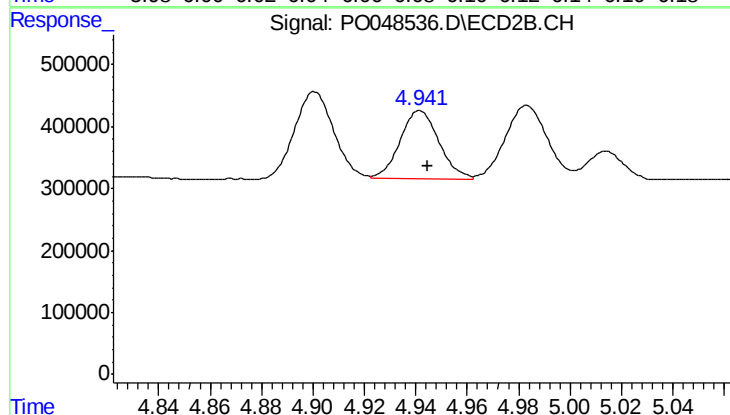
#17 AR-1242-2

R.T.: 4.901 min
Delta R.T.: -0.004 min
Response: 1485445
Conc: 271.56 ng/ml



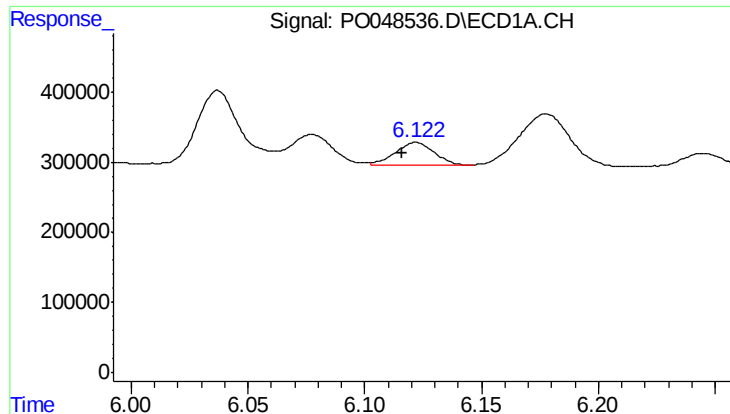
#18 AR-1242-3

R.T.: 6.078 min
Delta R.T.: 0.007 min
Response: 542206
Conc: 314.22 ng/ml



#18 AR-1242-3

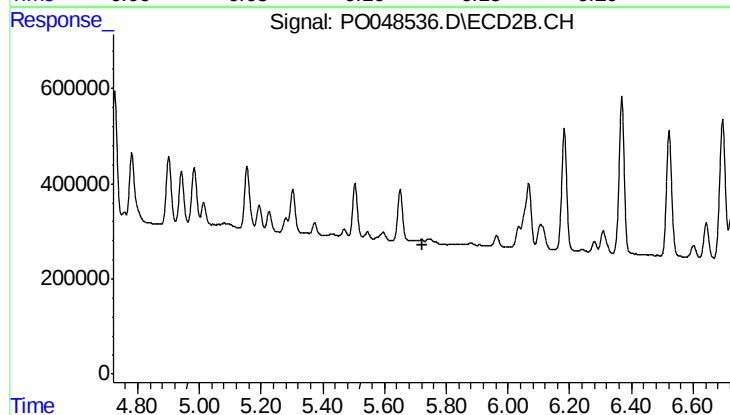
R.T.: 4.942 min
Delta R.T.: -0.003 min
Response: 1166156
Conc: 277.89 ng/ml



#19 AR-1242-4

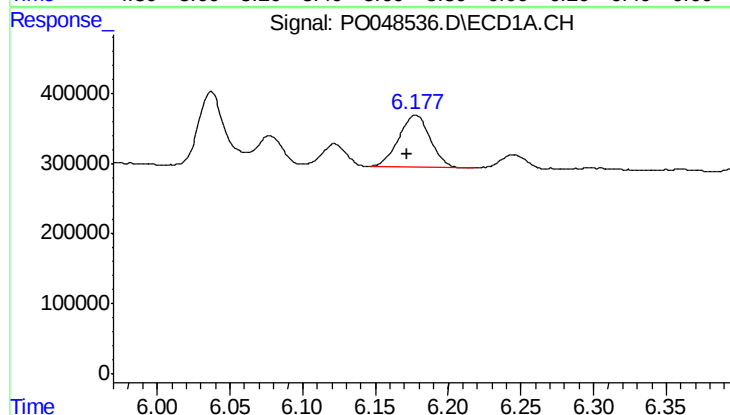
R.T.: 6.122 min
Delta R.T.: 0.006 min
Response: 379781
Conc: 294.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
IDOC 1



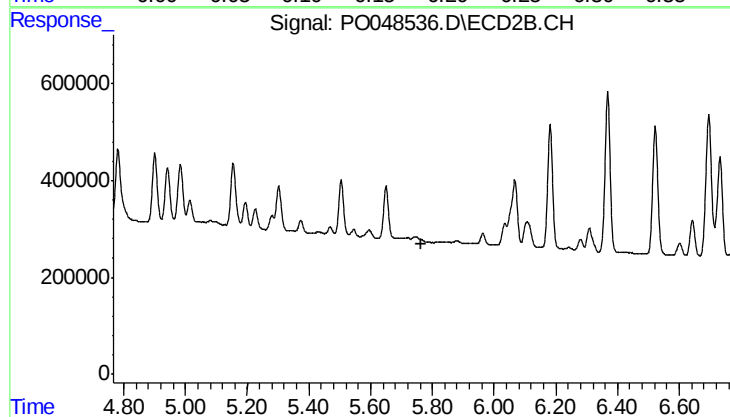
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.721 min
Response: 0
Conc: N.D.



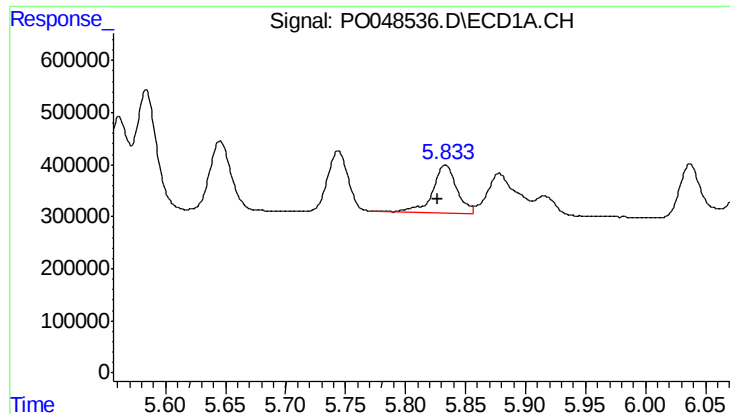
#20 AR-1242-5

R.T.: 6.178 min
Delta R.T.: 0.006 min
Response: 1124676
Conc: 251.68 ng/ml



#20 AR-1242-5

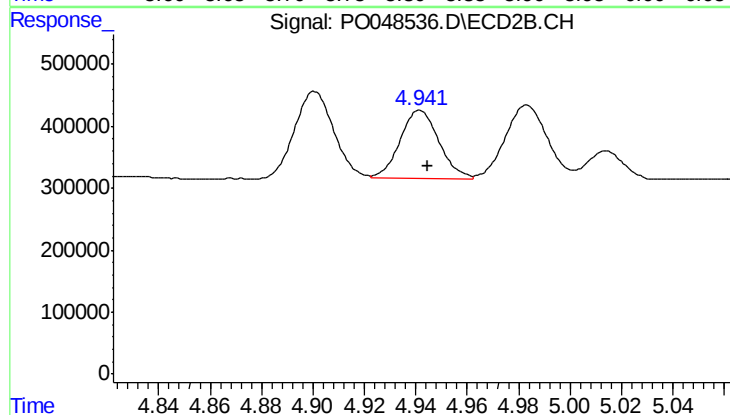
R.T.: 0.000 min
Exp R.T.: 5.766 min
Response: 0
Conc: N.D.



#21 AR-1248-1

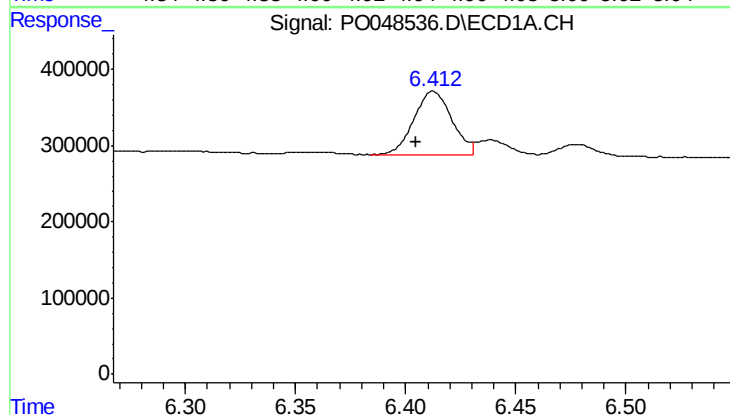
R.T.: 5.833 min
Delta R.T.: 0.006 min
Response: 1275115
Conc: 216.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
IDOC 1



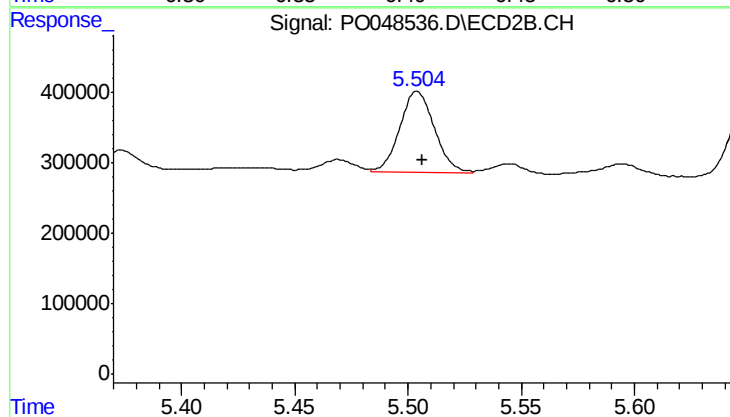
#21 AR-1248-1

R.T.: 4.942 min
Delta R.T.: -0.003 min
Response: 1166156
Conc: 153.88 ng/ml



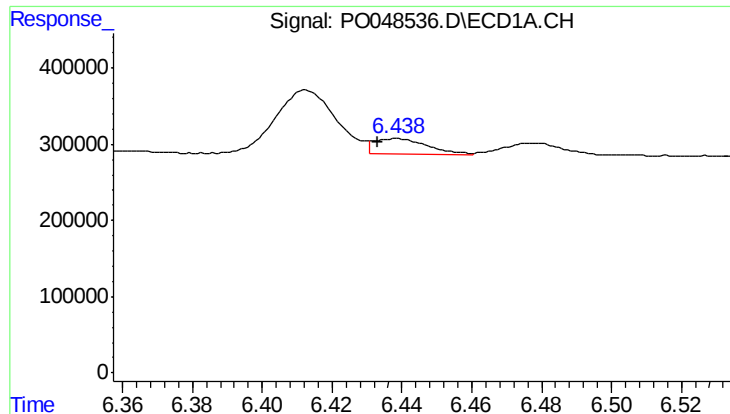
#22 AR-1248-2

R.T.: 6.413 min
Delta R.T.: 0.008 min
Response: 1008686
Conc: 173.55 ng/ml



#22 AR-1248-2

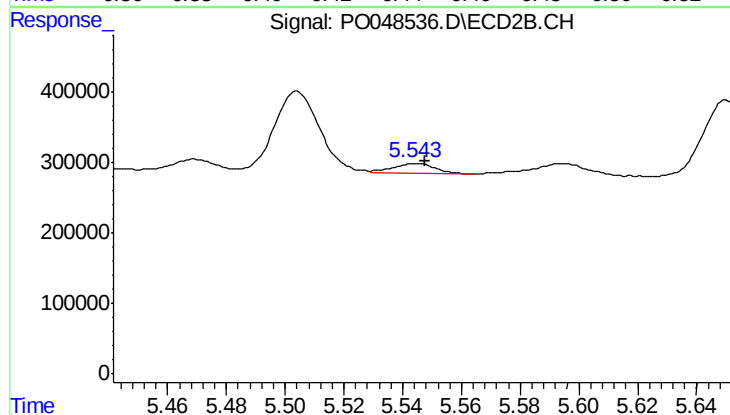
R.T.: 5.504 min
Delta R.T.: -0.003 min
Response: 1243030
Conc: 94.42 ng/ml



#23 AR-1248-3

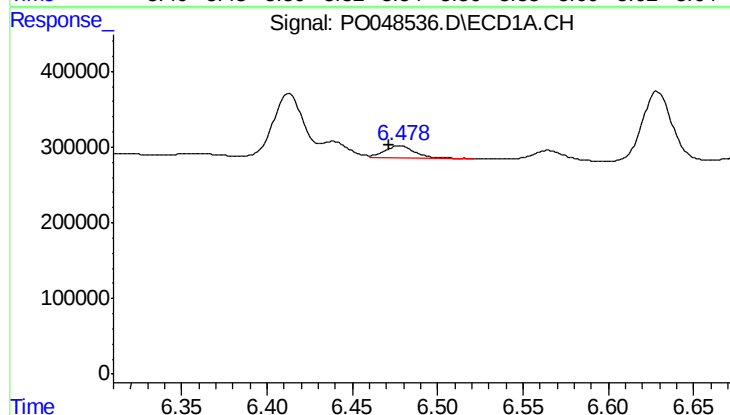
R.T.: 6.439 min
Delta R.T.: 0.005 min
Response: 219954
Conc: 28.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
IDOC 1



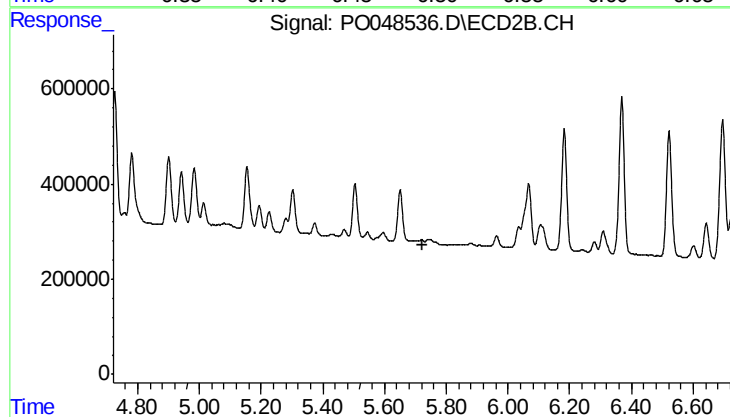
#23 AR-1248-3

R.T.: 5.545 min
Delta R.T.: -0.003 min
Response: 155791
Conc: 17.08 ng/ml



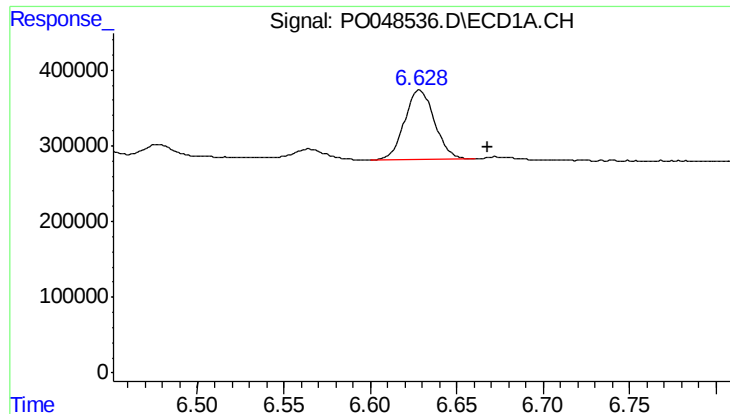
#24 AR-1248-4

R.T.: 6.478 min
Delta R.T.: 0.006 min
Response: 191772
Conc: 26.18 ng/ml



#24 AR-1248-4

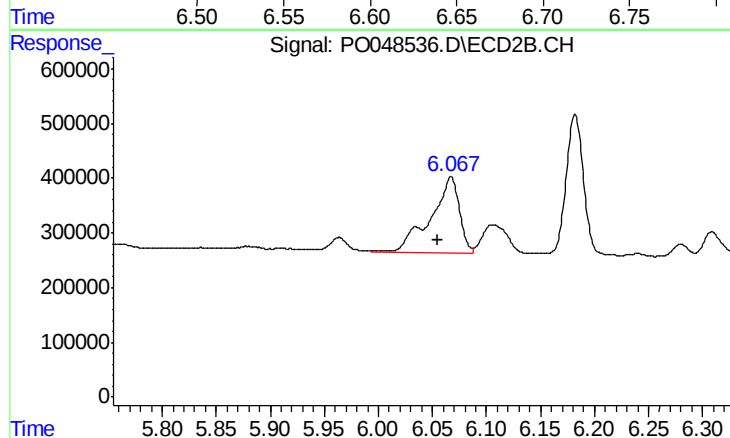
R.T.: 0.000 min
Exp R.T.: 5.721 min
Response: 0
Conc: N.D.



#25 AR-1248-5

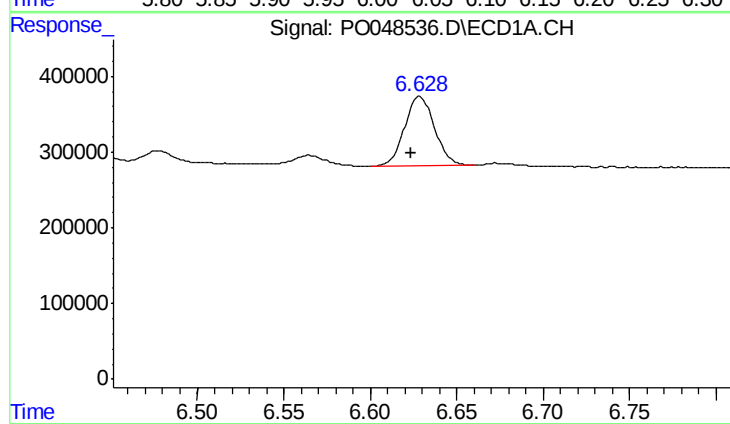
R.T.: 6.629 min
Delta R.T.: -0.040 min
Response: 1115152
Conc: 230.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
IDOC 1



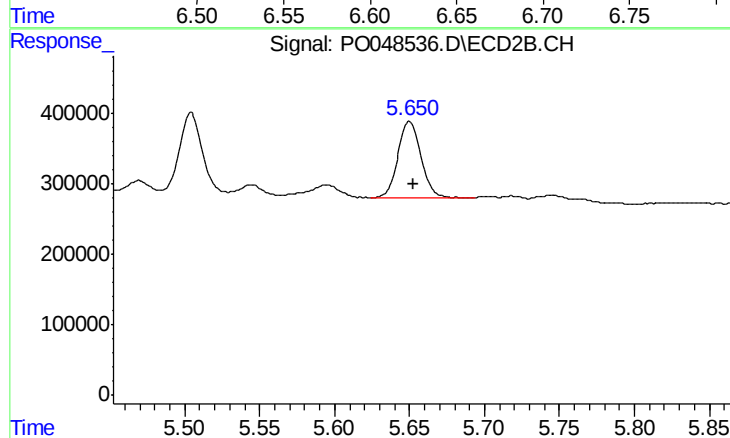
#25 AR-1248-5

R.T.: 6.067 min
Delta R.T.: 0.012 min
Response: 2622208
Conc: 437.47 ng/ml



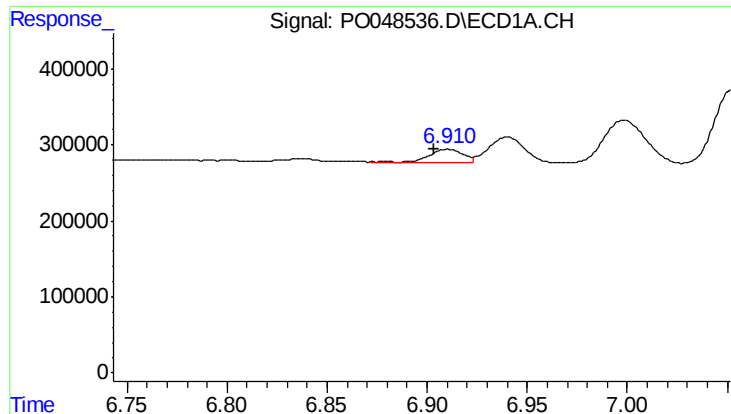
#26 AR-1254-1

R.T.: 6.629 min
Delta R.T.: 0.005 min
Response: 1115152
Conc: 82.15 ng/ml



#26 AR-1254-1

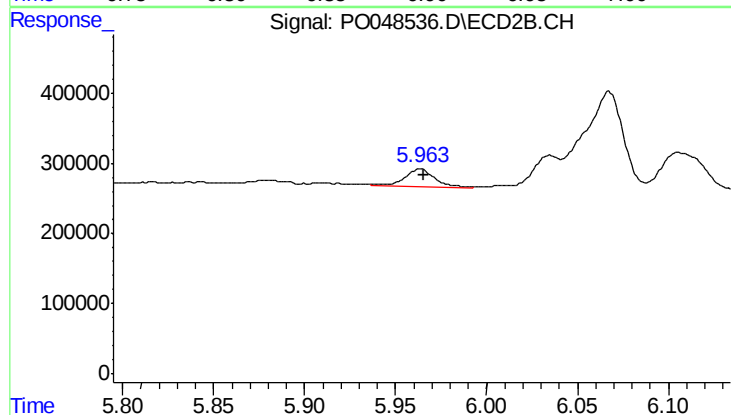
R.T.: 5.650 min
Delta R.T.: -0.002 min
Response: 1167847
Conc: 81.17 ng/ml



#27 AR-1254-2

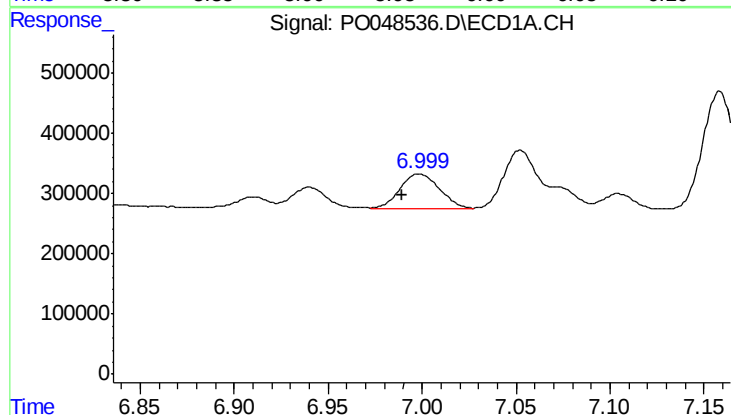
R.T.: 6.910 min
Delta R.T.: 0.007 min
Response: 202772
Conc: 24.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
IDOC 1



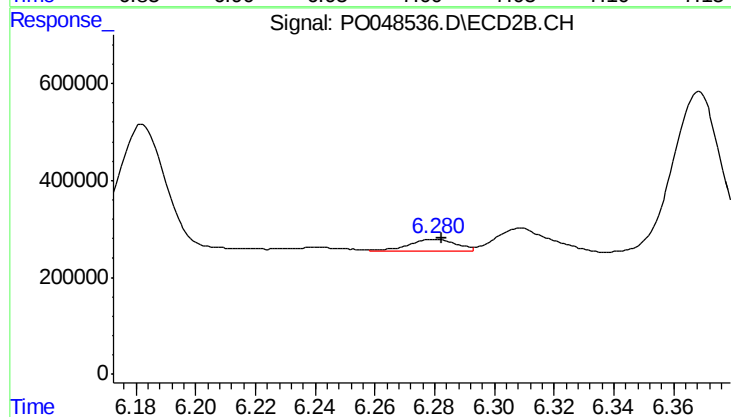
#27 AR-1254-2

R.T.: 5.964 min
Delta R.T.: -0.002 min
Response: 306393
Conc: 26.45 ng/ml



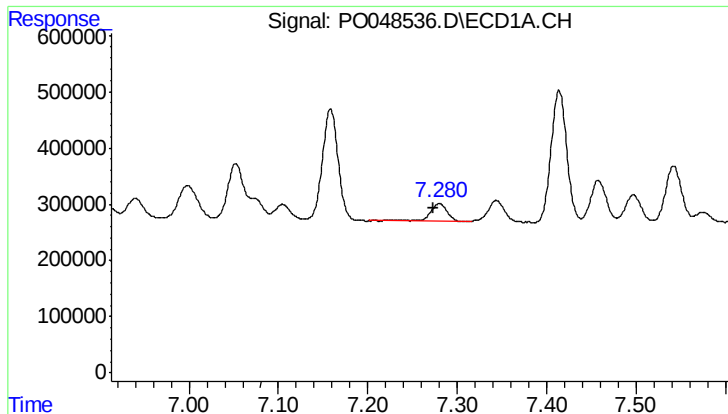
#28 AR-1254-3

R.T.: 6.999 min
Delta R.T.: 0.009 min
Response: 846158
Conc: 58.97 ng/ml



#28 AR-1254-3

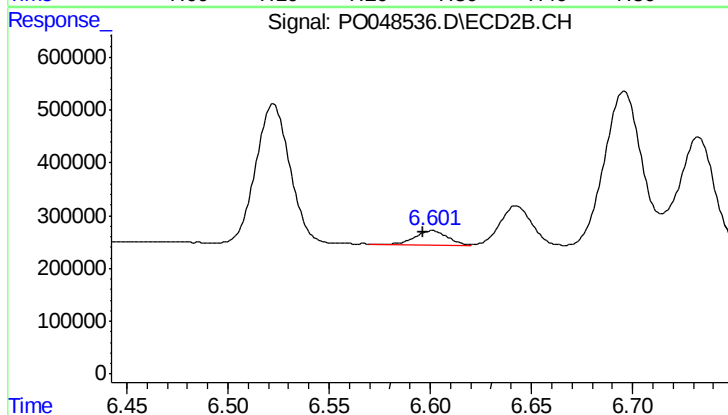
R.T.: 6.280 min
Delta R.T.: -0.002 min
Response: 259968
Conc: 17.75 ng/ml



#29 AR-1254-4

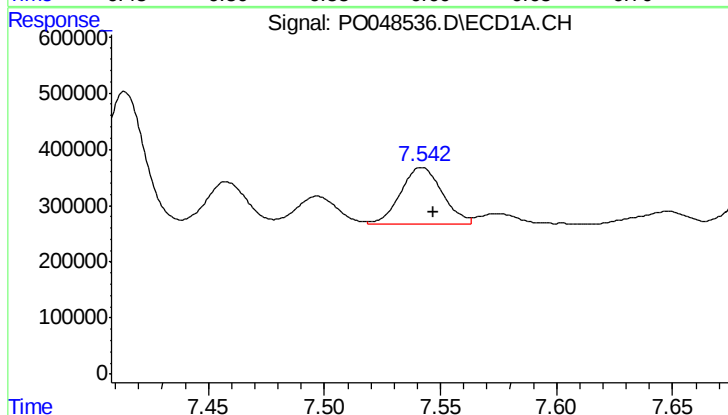
R.T.: 7.280 min
Delta R.T.: 0.006 min
Response: 444288
Conc: 40.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
IDOC 1



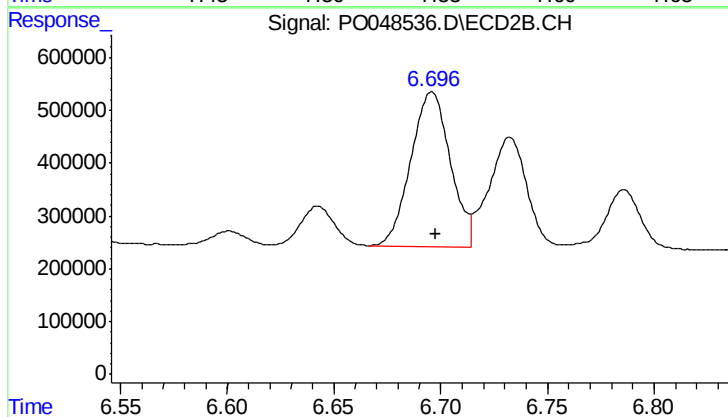
#29 AR-1254-4

R.T.: 6.601 min
Delta R.T.: 0.005 min
Response: 292409
Conc: 29.71 ng/ml



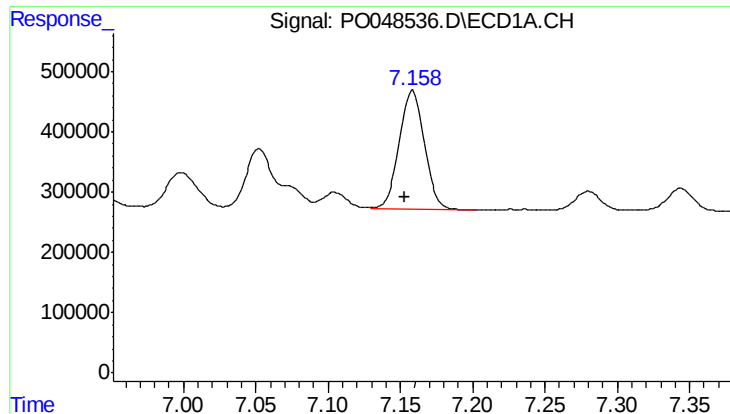
#30 AR-1254-5

R.T.: 7.542 min
Delta R.T.: -0.005 min
Response: 1292945
Conc: 158.65 ng/ml



#30 AR-1254-5

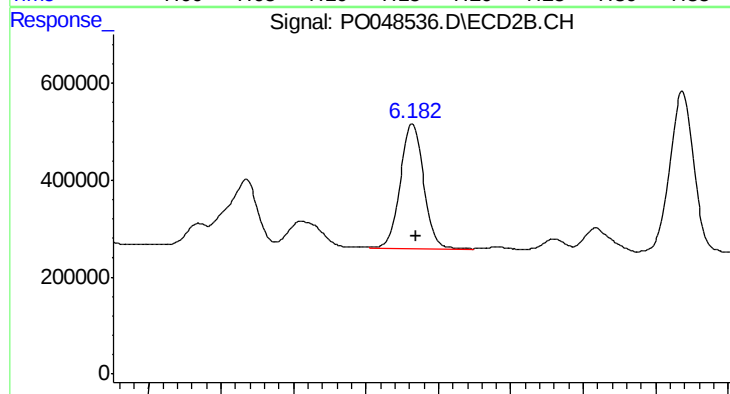
R.T.: 6.696 min
Delta R.T.: -0.002 min
Response: 3801128
Conc: 195.06 ng/ml



#31 AR-1260-1

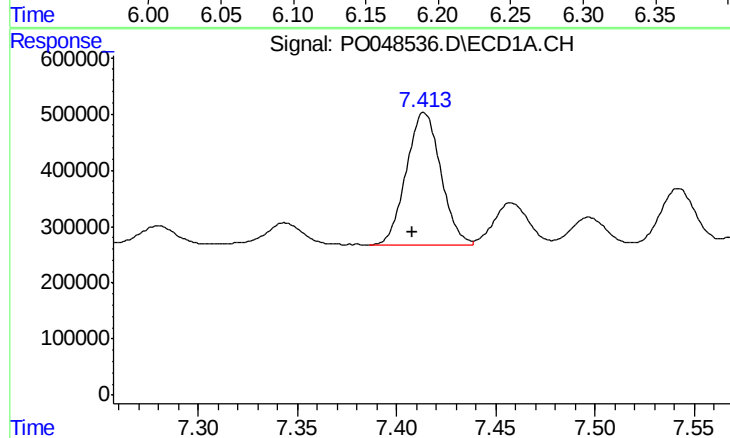
R.T.: 7.158 min
Delta R.T.: 0.006 min
Response: 2406040
Conc: 241.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
IDOC 1



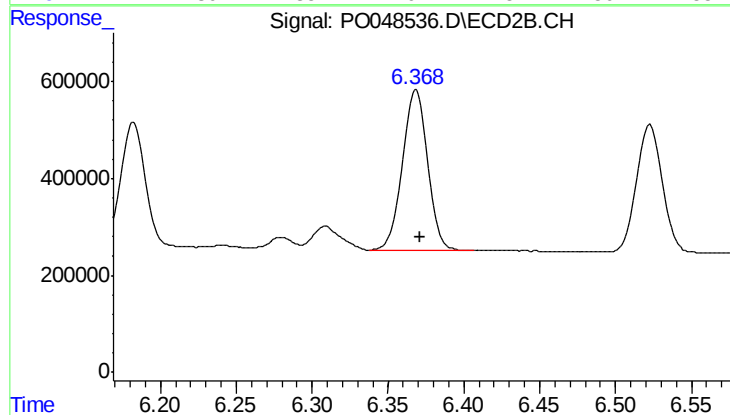
#31 AR-1260-1

R.T.: 6.182 min
Delta R.T.: -0.002 min
Response: 2918368
Conc: 210.73 ng/ml



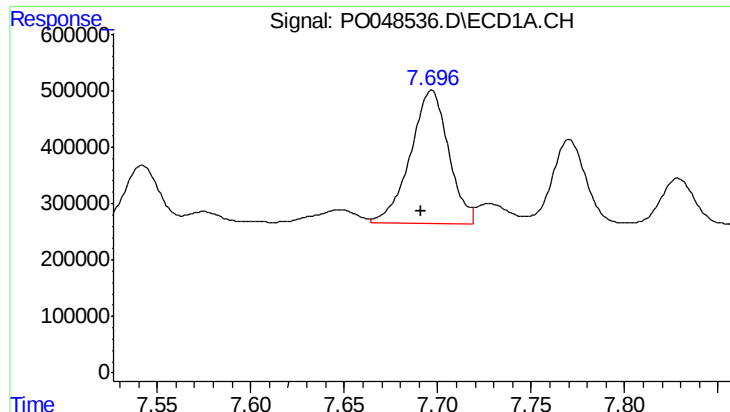
#32 AR-1260-2

R.T.: 7.414 min
Delta R.T.: 0.006 min
Response: 2863503
Conc: 239.04 ng/ml



#32 AR-1260-2

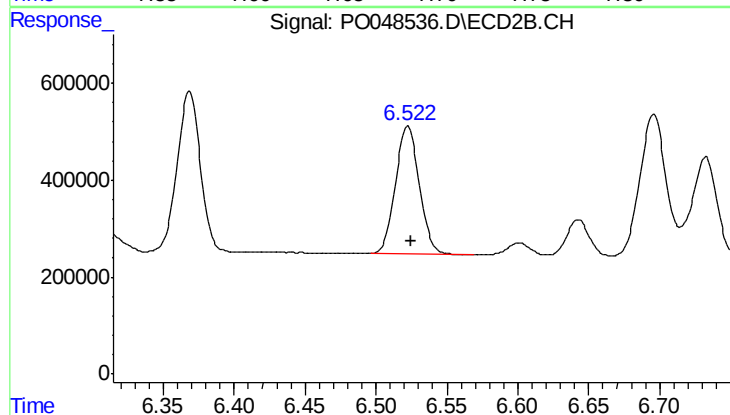
R.T.: 6.368 min
Delta R.T.: -0.003 min
Response: 3741997
Conc: 213.30 ng/ml



#33 AR-1260-3

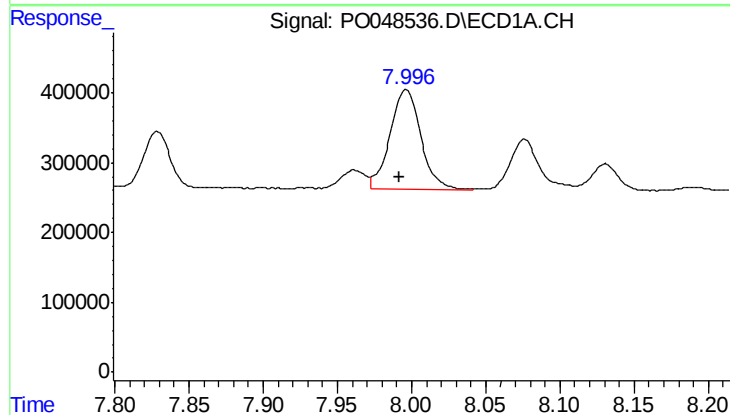
R.T.: 7.697 min
Delta R.T.: 0.005 min
Response: 3350341
Conc: 244.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
IDOC 1



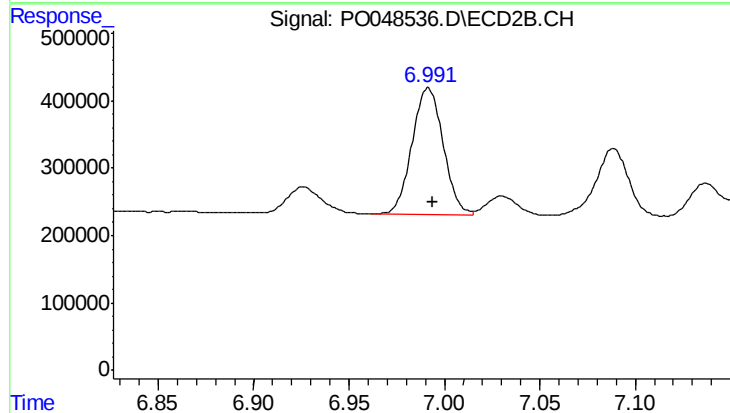
#33 AR-1260-3

R.T.: 6.522 min
Delta R.T.: -0.002 min
Response: 3081585
Conc: 200.97 ng/ml



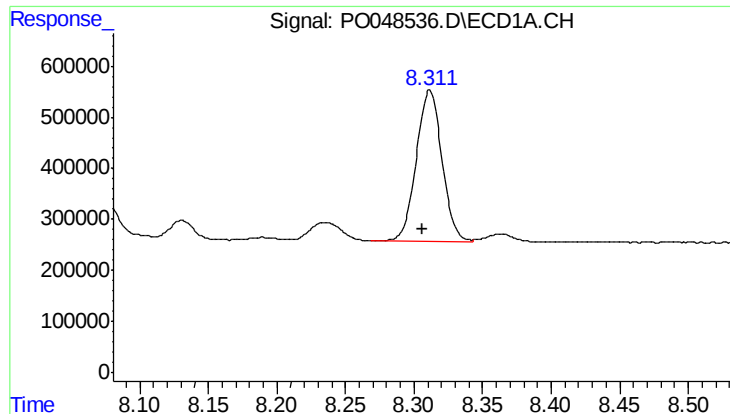
#34 AR-1260-4

R.T.: 7.996 min
Delta R.T.: 0.005 min
Response: 2045847
Conc: 206.64 ng/ml



#34 AR-1260-4

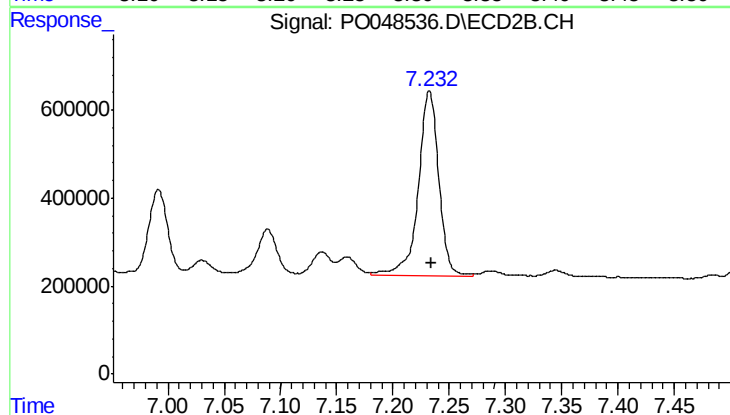
R.T.: 6.992 min
Delta R.T.: -0.003 min
Response: 2153783
Conc: 185.04 ng/ml



#35 AR-1260-5

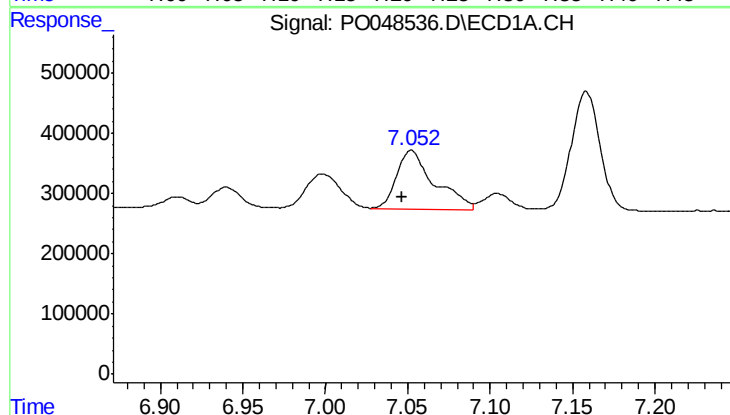
R.T.: 8.311 min
Delta R.T.: 0.005 min
Response: 3857914
Conc: 202.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
IDOC 1



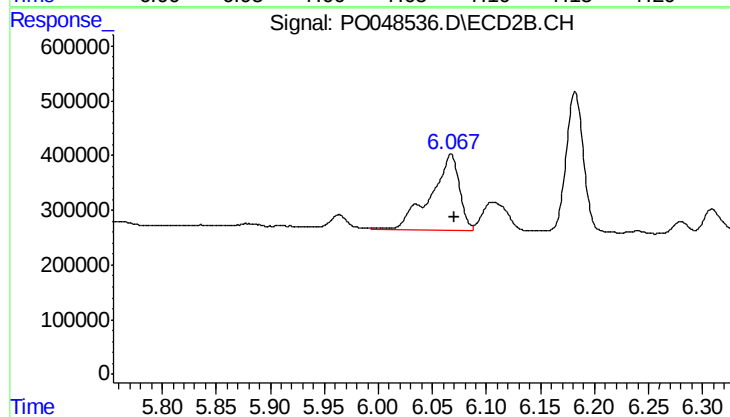
#35 AR-1260-5

R.T.: 7.232 min
Delta R.T.: -0.001 min
Response: 5282182
Conc: 195.07 ng/ml



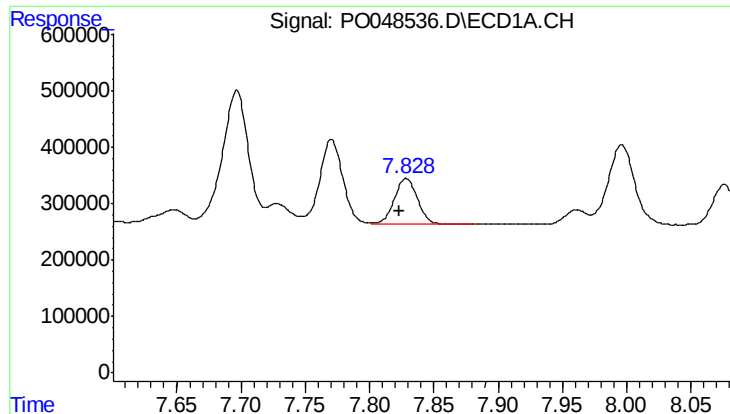
#36 AR-1262-1

R.T.: 7.052 min
Delta R.T.: 0.006 min
Response: 1578868
Conc: 202.16 ng/ml



#36 AR-1262-1

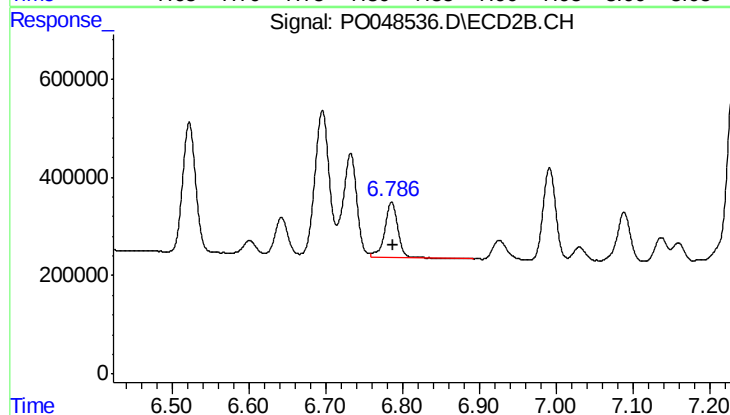
R.T.: 6.067 min
Delta R.T.: -0.004 min
Response: 2622208
Conc: 246.69 ng/ml



#37 AR-1262-2

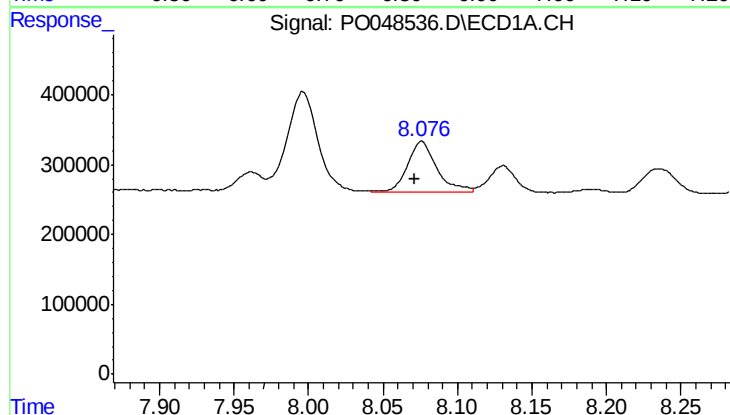
R.T.: 7.828 min
Delta R.T.: 0.006 min
Response: 989139
Conc: 153.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
IDOC 1



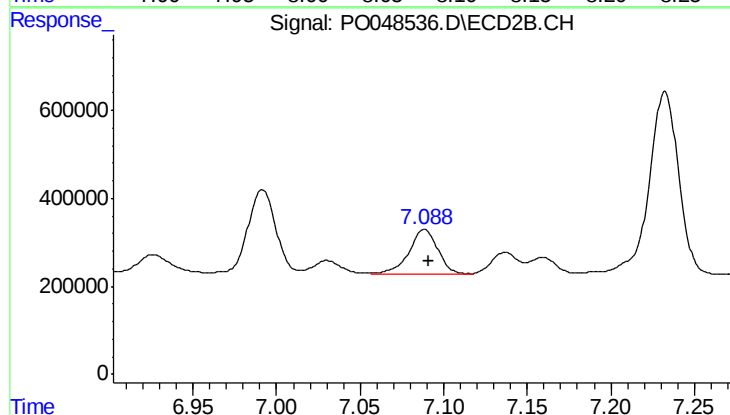
#37 AR-1262-2

R.T.: 6.786 min
Delta R.T.: -0.002 min
Response: 1301017
Conc: 136.10 ng/ml



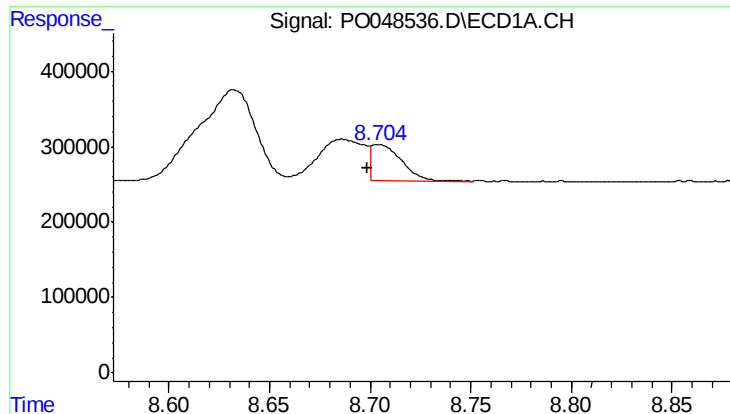
#38 AR-1262-3

R.T.: 8.076 min
Delta R.T.: 0.005 min
Response: 995086
Conc: 144.12 ng/ml



#38 AR-1262-3

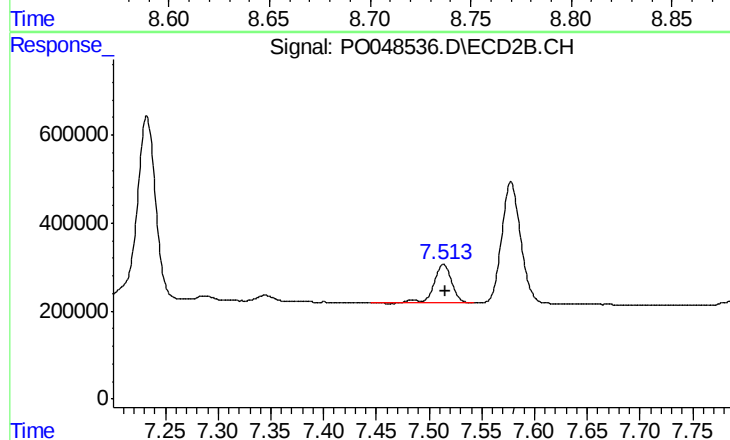
R.T.: 7.089 min
Delta R.T.: -0.002 min
Response: 1213576
Conc: 128.53 ng/ml



#39 AR-1262-4

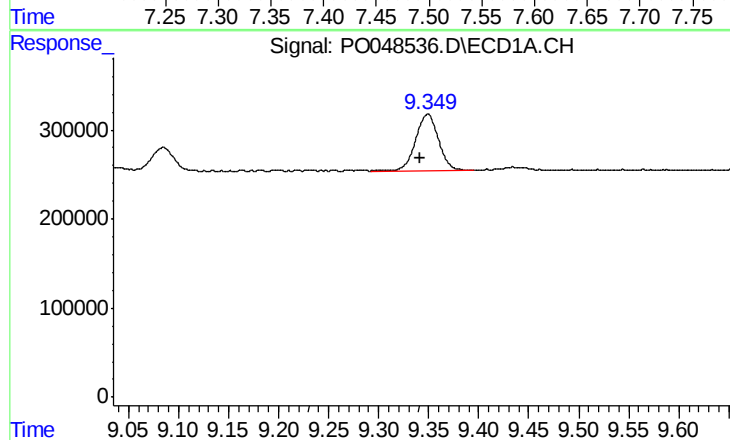
R.T.: 8.704 min
Delta R.T.: 0.005 min
Response: 513861
Conc: 37.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
IDOC 1



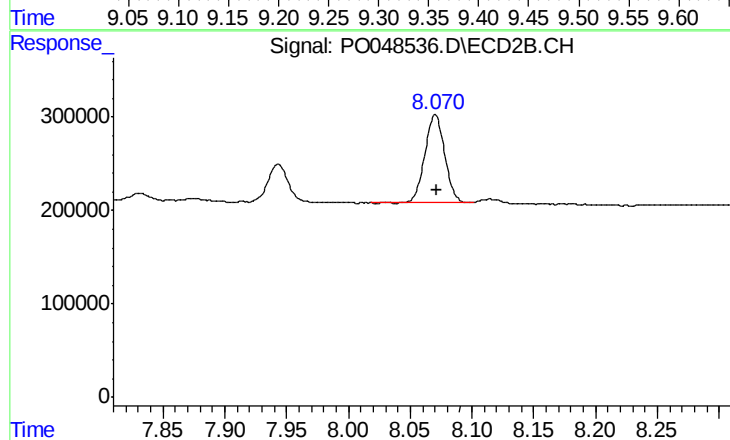
#39 AR-1262-4

R.T.: 7.514 min
Delta R.T.: -0.002 min
Response: 1038281
Conc: 77.16 ng/ml



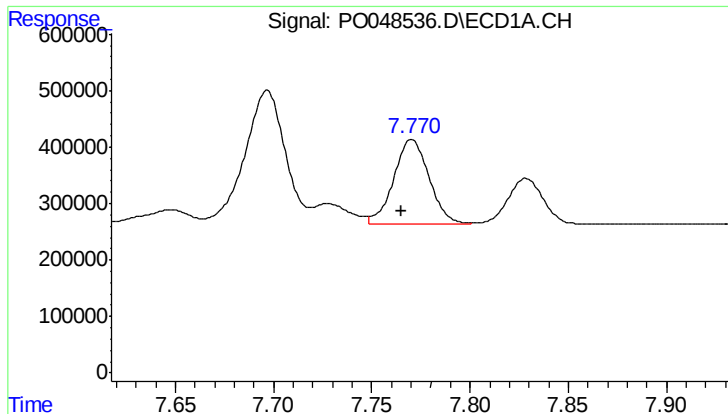
#40 AR-1262-5

R.T.: 9.349 min
Delta R.T.: 0.007 min
Response: 1000903
Conc: 108.25 ng/ml



#40 AR-1262-5

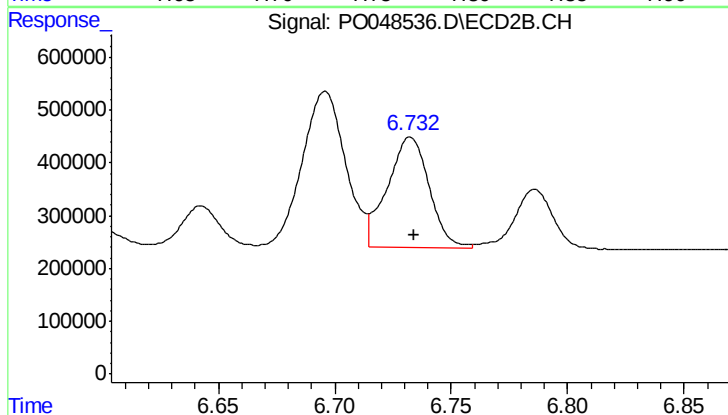
R.T.: 8.070 min
Delta R.T.: -0.001 min
Response: 1046092
Conc: 101.57 ng/ml



#41 AR-1268-1

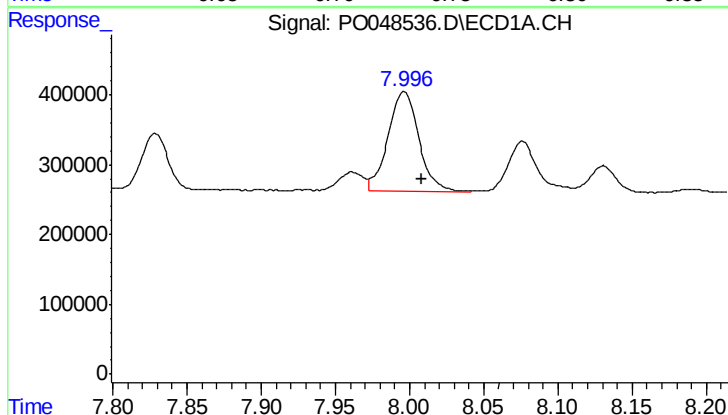
R.T.: 7.770 min
Delta R.T.: 0.005 min
Response: 1857582
Conc: 350.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
IDOC 1



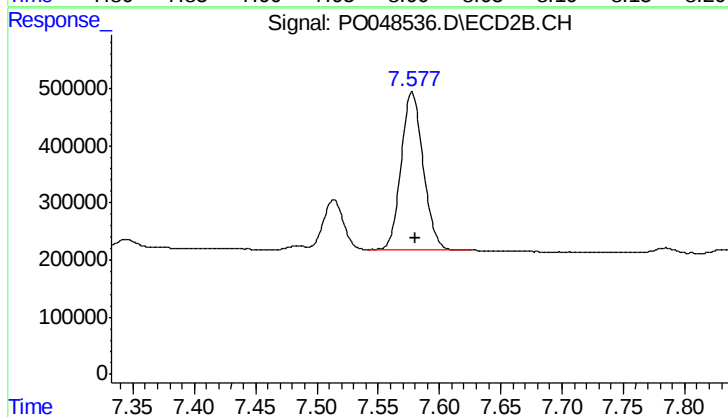
#41 AR-1268-1

R.T.: 6.732 min
Delta R.T.: -0.002 min
Response: 2606653
Conc: 336.99 ng/ml



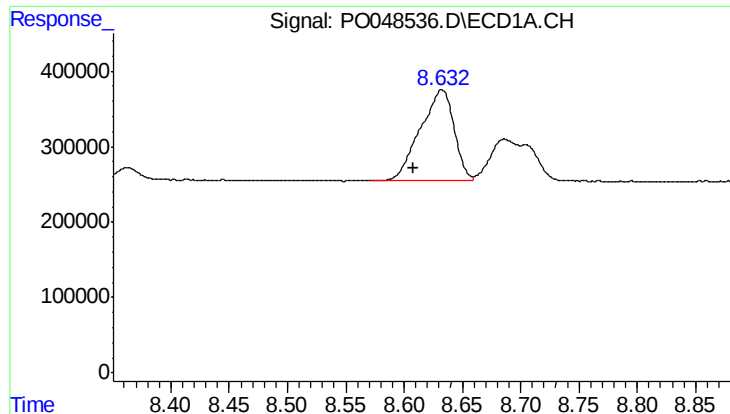
#42 AR-1268-2

R.T.: 7.996 min
Delta R.T.: -0.012 min
Response: 2045847
Conc: 299.60 ng/ml



#42 AR-1268-2

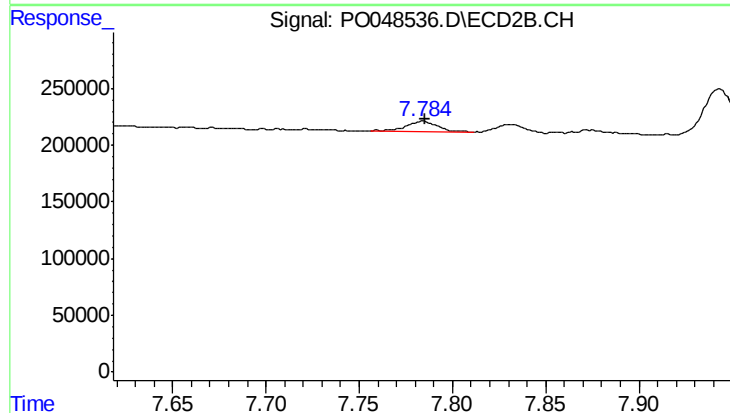
R.T.: 7.578 min
Delta R.T.: -0.002 min
Response: 3449482
Conc: 114.28 ng/ml



#43 AR-1268-3

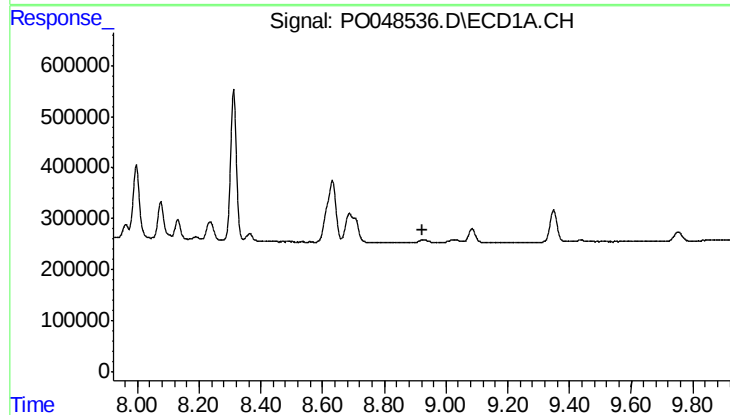
R.T.: 8.632 min
Delta R.T.: 0.024 min
Response: 2447071
Conc: 94.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
IDOC 1



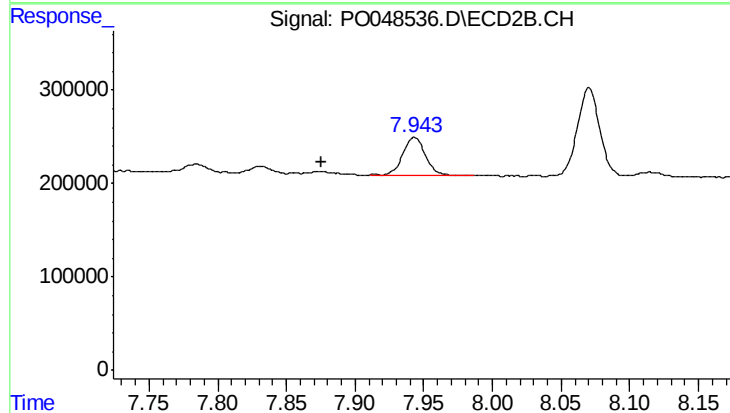
#43 AR-1268-3

R.T.: 7.784 min
Delta R.T.: -0.001 min
Response: 103161
Conc: 4.15 ng/ml



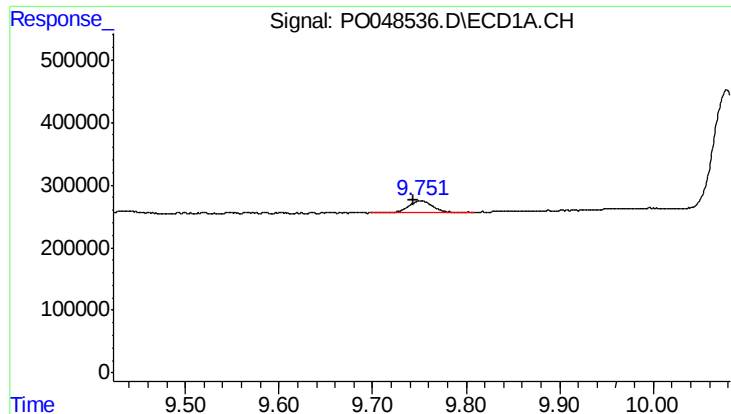
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 8.922 min
Response: 0
Conc: N.D.



#44 AR-1268-4

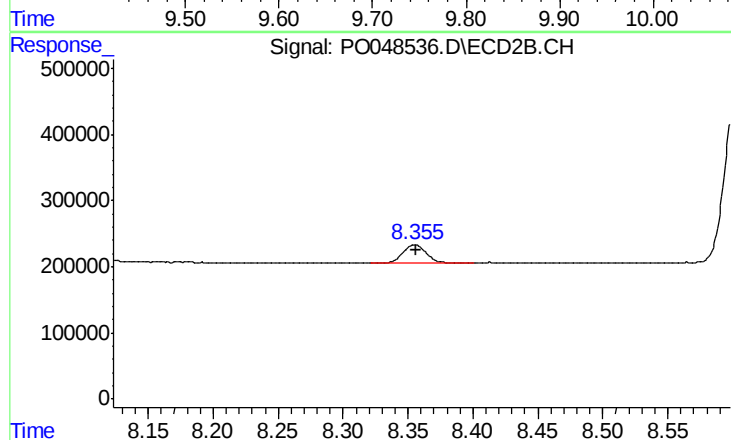
R.T.: 7.943 min
Delta R.T.: 0.067 min
Response: 467815
Conc: 71.51 ng/ml



#45 AR-1268-5

R.T.: 9.752 min
Delta R.T.: 0.007 min
Response: 334460
Conc: 5.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
IDOC 1



#45 AR-1268-5

R.T.: 8.355 min
Delta R.T.: -0.001 min
Response: 331708
Conc: 5.33 ng/ml