

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112118\
 Data File : PO051698.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Nov 2018 10:08
 Operator : SM/SJ
 Sample : PB114994BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 23:41:08 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112018.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 21 00:55:28 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...	4.317	3.322	14519809	4409954	19.288	18.424
2)	SA Decachlor...	9.935	8.043	8996452	4263440	19.394	19.722
Target Compounds							
3)	L1 AR-1016-1	5.478	4.331	4897283	1632673	216.710	220.157
4)	L1 AR-1016-2	5.500	4.346	7504121	2735446	222.060	223.660
5)	L1 AR-1016-3	5.561	4.510	4418036	1330724	221.358	217.956
6)	L1 AR-1016-4	5.660	4.553	3626746	1092020	218.384	205.799
7)	L1 AR-1016-5	5.952	4.750	3432421	1442831	215.695	221.083
8)	L2 AR-1221-1	4.519	0.000	431616	0	60.707	N.D. #
9)	L2 AR-1221-2	4.615	3.601	585136	205873	111.675	118.734
10)	L2 AR-1221-3	4.688	3.671	2312187	789982	140.263	143.754
11)	L3 AR-1232-1	4.688	3.671	2312187	789982	174.112	170.609
12)	L3 AR-1232-2	5.213	4.346	3550405	2735446	488.787	510.758
13)	L3 AR-1232-3	5.500	4.510	7504121	1330724	524.141	509.098
14)	L3 AR-1232-4	5.660	4.590	3626746	1279750	509.400	580.636
15)	L3 AR-1232-5	5.748	4.750	2889491	1442831	584.580	569.991
16)	L4 AR-1242-1	5.478	4.331	4897283	1632673	272.746	275.140
17)	L4 AR-1242-2	5.500	4.346	7504121	2735446	275.925	274.055
18)	L4 AR-1242-3	5.561	4.510	4418036	1330724	276.645	268.285
19)	L4 AR-1242-4	5.660	4.590	3626746	1279750	274.649	270.071
20)	L4 AR-1242-5	6.390	5.082	451915	1138050	33.811	188.800 #
21)	L5 AR-1248-1	5.478	4.331	4897283	1632673	318.107	303.078
22)	L5 AR-1248-2	5.748	4.553	2889491	1092020	135.918	138.397
23)	L5 AR-1248-3	5.952	4.590	3432421	1279750	144.667	163.241
24)	L5 AR-1248-4	6.353	4.750	507783	1442831	19.212	148.720 #
25)	L5 AR-1248-5	6.390	5.119	451915	158720	18.021	16.811
26)	L6 AR-1254-1	6.325	5.082	2545747	1138050	103.076	82.779
27)	L6 AR-1254-2	6.542	5.223	2809604	1093600	72.141	91.633 #
28)	L6 AR-1254-3	6.909	5.619	1966359	2097653	48.778	111.643 #
29)	L6 AR-1254-4	7.191	5.824	1059841	224942	33.979	19.722 #
30)	L6 AR-1254-5	7.608	6.224	8149477	3941609	264.667	249.752
31)	L7 AR-1260-1	7.069	5.728	5982074	2968723	198.680	218.833
32)	L7 AR-1260-2	7.325	5.912	7918320	3865836	187.566	222.772
33)	L7 AR-1260-3	7.681	6.055	5255185	3216921	180.883	210.008
34)	L7 AR-1260-4	7.906	6.509	5988422	2273817	217.748	223.750
35)	L7 AR-1260-5	8.218	6.749	10741328	5493358	186.459	212.824
36)	L8 AR-1262-1	7.681	6.262	5255185	2756750	112.198	147.558 #
37)	L8 AR-1262-2	8.218	6.749	10741328	5493358	153.656	182.095
38)	L8 AR-1262-3	8.533	7.021	6122635	1055349	138.789	84.558 #
39)	L8 AR-1262-4	8.585	7.082	3707913	3645365	107.047	167.023 #
40)	L8 AR-1262-5	9.231	7.568	2103655	1021412	101.850	114.957
41)	L9 AR-1268-1	8.533	7.021	6122635	1055349	66.026	26.729 #

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Operator : SM/SJ
Sample : PB114994BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

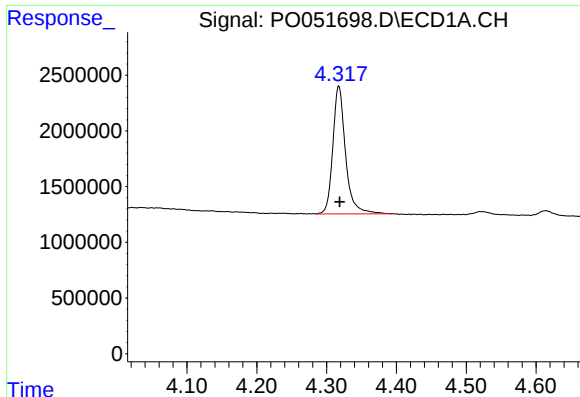
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 23:41:08 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112018.M
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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	8.585	7.082	3707913	3645365	46.472	98.782 #
44)	L9 AR-1268-4	9.231	7.568	2103655	1021412	84.927	90.779
45)	L9 AR-1268-5	9.620	7.831	711857	360259	3.766	4.198

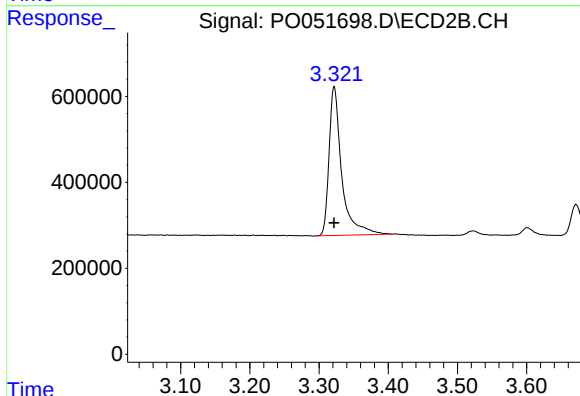
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

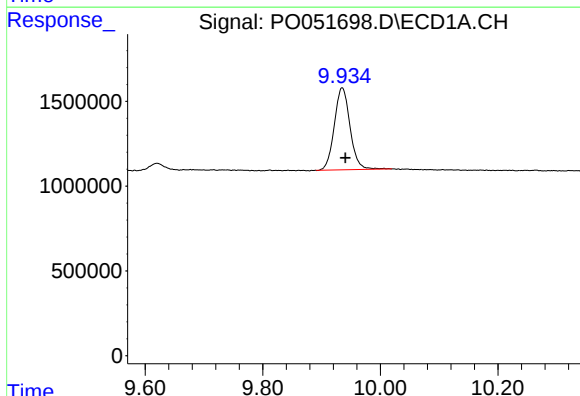
R.T.: 4.317 min
Delta R.T.: -0.002 min
Response: 14519809
Conc: 19.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



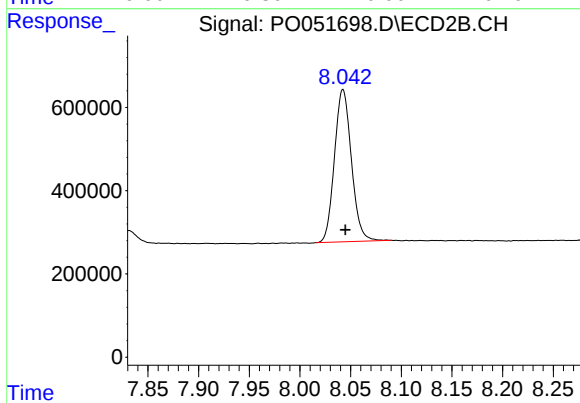
#1 Tetrachloro-m-xylene

R.T.: 3.322 min
Delta R.T.: 0.000 min
Response: 4409954
Conc: 18.42 ng/ml



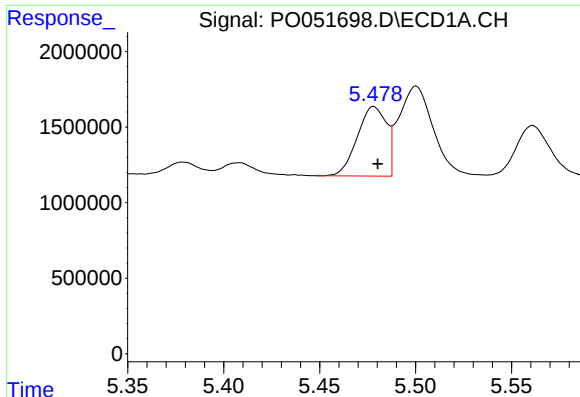
#2 Decachlorobiphenyl

R.T.: 9.935 min
Delta R.T.: -0.006 min
Response: 8996452
Conc: 19.39 ng/ml



#2 Decachlorobiphenyl

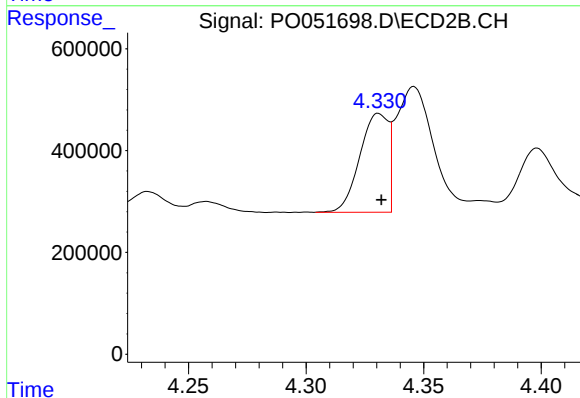
R.T.: 8.043 min
Delta R.T.: -0.002 min
Response: 4263440
Conc: 19.72 ng/ml



#3 AR-1016-1

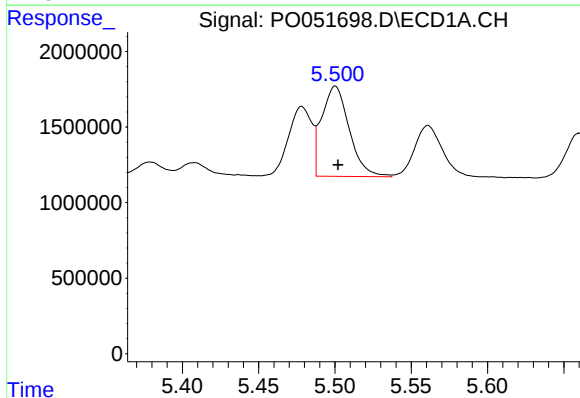
R.T.: 5.478 min
Delta R.T.: -0.002 min
Response: 4897283
Conc: 216.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



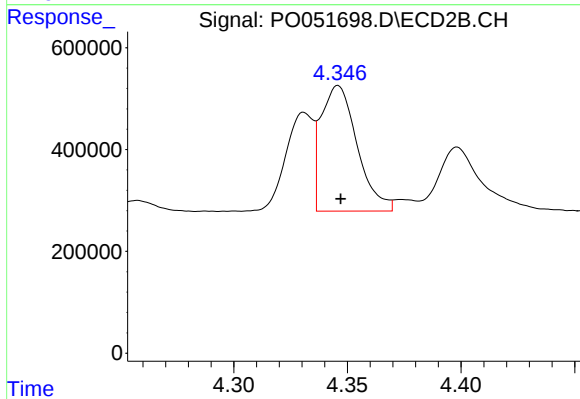
#3 AR-1016-1

R.T.: 4.331 min
Delta R.T.: -0.001 min
Response: 1632673
Conc: 220.16 ng/ml



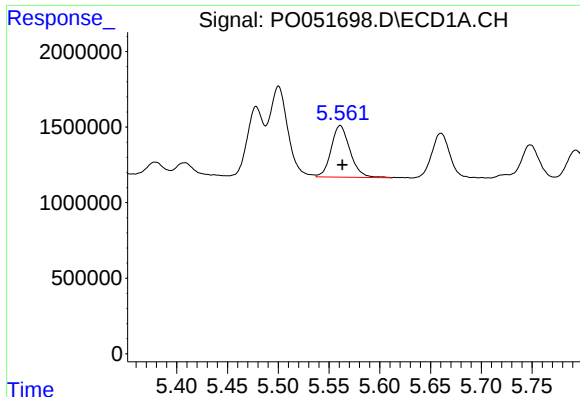
#4 AR-1016-2

R.T.: 5.500 min
Delta R.T.: -0.002 min
Response: 7504121
Conc: 222.06 ng/ml



#4 AR-1016-2

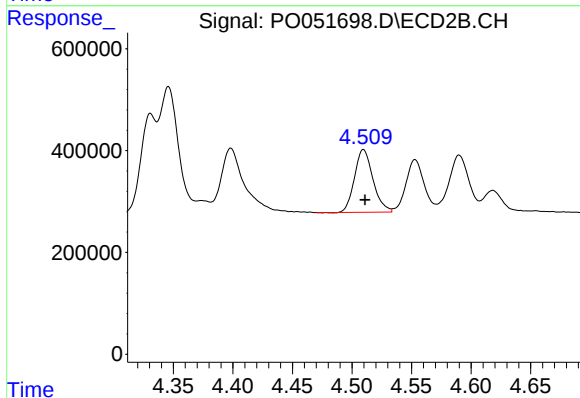
R.T.: 4.346 min
Delta R.T.: -0.001 min
Response: 2735446
Conc: 223.66 ng/ml



#5 AR-1016-3

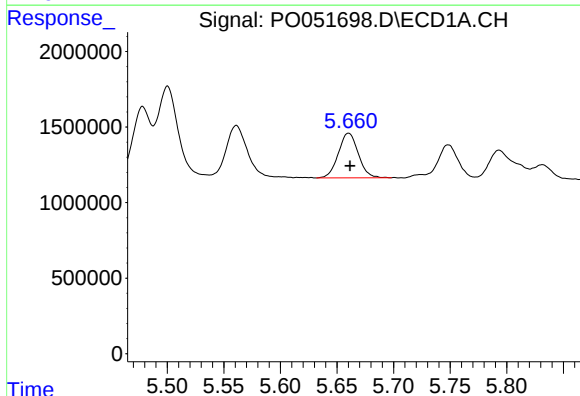
R.T.: 5.561 min
Delta R.T.: -0.002 min
Response: 4418036
Conc: 221.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



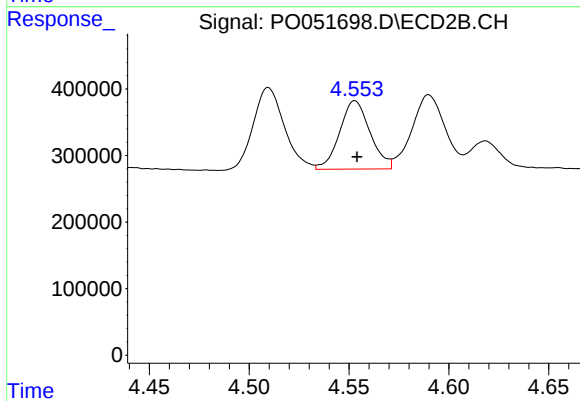
#5 AR-1016-3

R.T.: 4.510 min
Delta R.T.: -0.001 min
Response: 1330724
Conc: 217.96 ng/ml



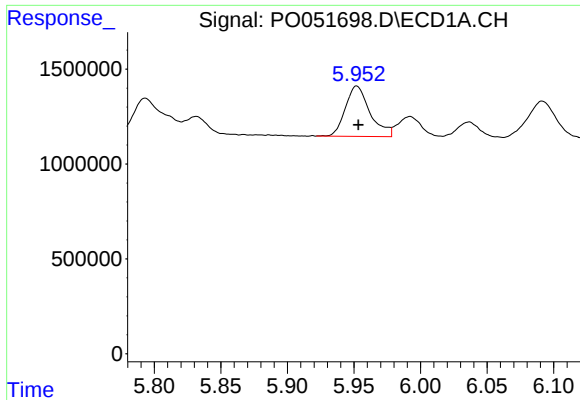
#6 AR-1016-4

R.T.: 5.660 min
Delta R.T.: -0.001 min
Response: 3626746
Conc: 218.38 ng/ml



#6 AR-1016-4

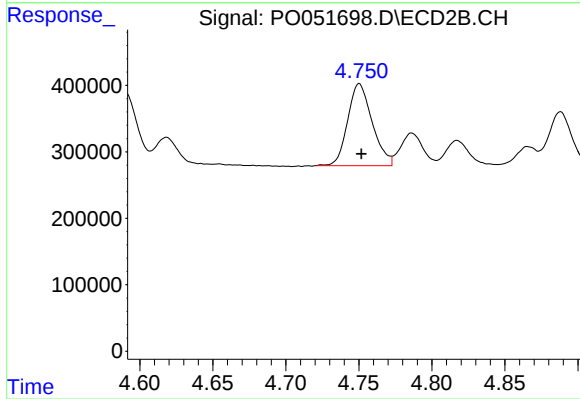
R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 1092020
Conc: 205.80 ng/ml



#7 AR-1016-5

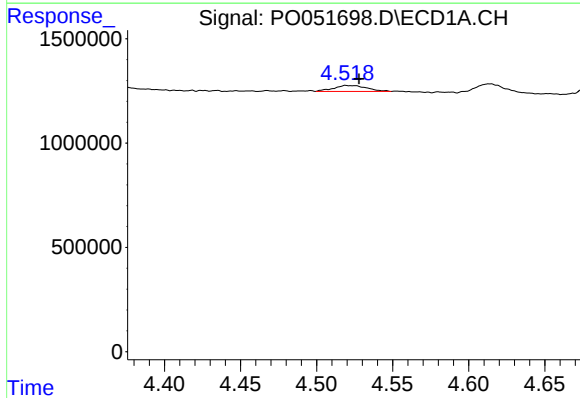
R.T.: 5.952 min
Delta R.T.: -0.001 min
Response: 3432421
Conc: 215.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



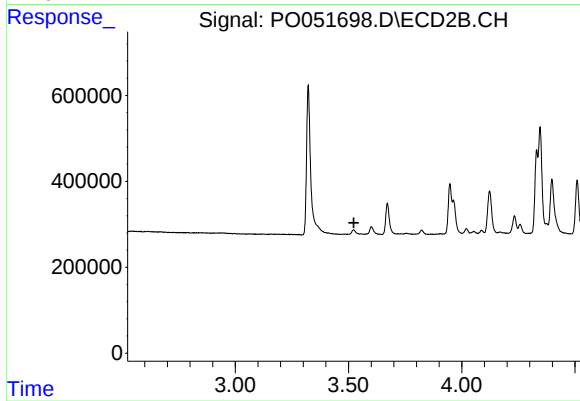
#7 AR-1016-5

R.T.: 4.750 min
Delta R.T.: -0.002 min
Response: 1442831
Conc: 221.08 ng/ml



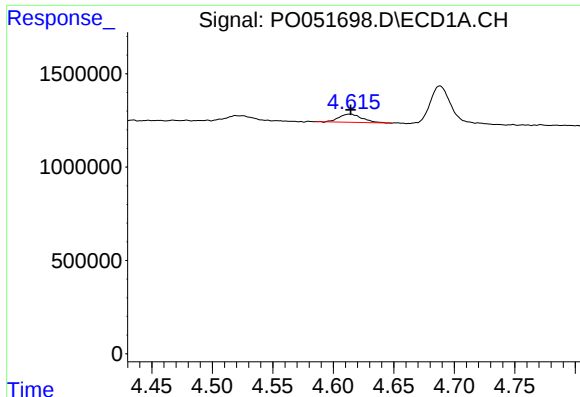
#8 AR-1221-1

R.T.: 4.519 min
Delta R.T.: -0.009 min
Response: 431616
Conc: 60.71 ng/ml



#8 AR-1221-1

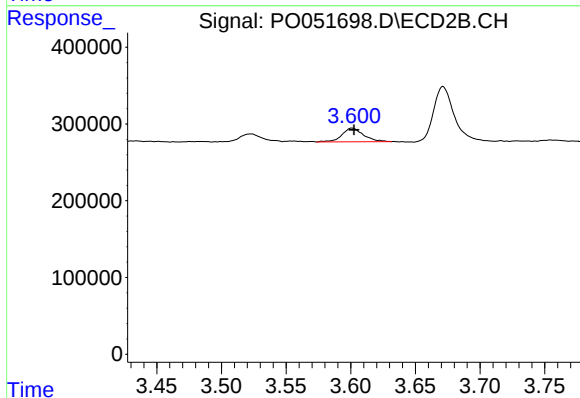
R.T.: 0.000 min
Exp R.T.: 3.523 min
Response: 0
Conc: N.D.



#9 AR-1221-2

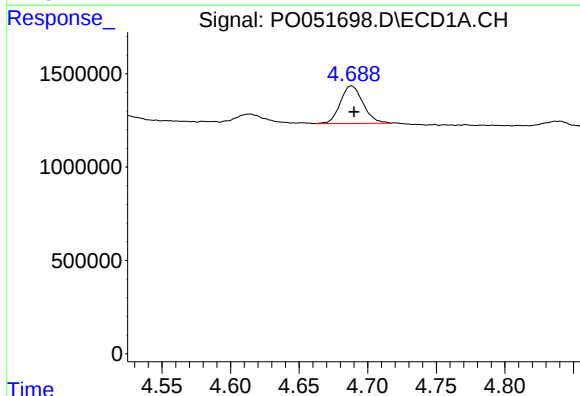
R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 585136
Conc: 111.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



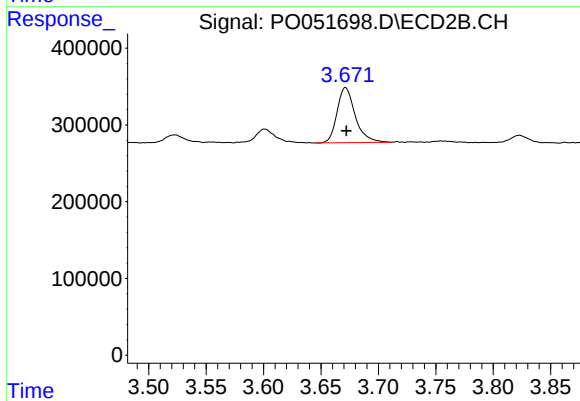
#9 AR-1221-2

R.T.: 3.601 min
Delta R.T.: -0.002 min
Response: 205873
Conc: 118.73 ng/ml



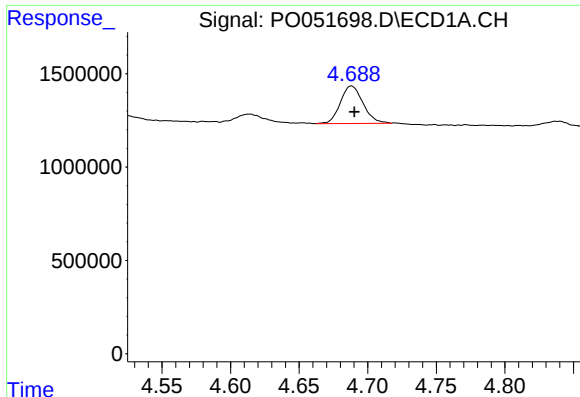
#10 AR-1221-3

R.T.: 4.688 min
Delta R.T.: -0.002 min
Response: 2312187
Conc: 140.26 ng/ml



#10 AR-1221-3

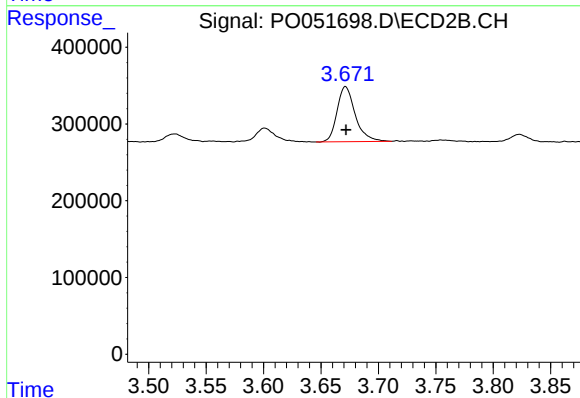
R.T.: 3.671 min
Delta R.T.: 0.000 min
Response: 789982
Conc: 143.75 ng/ml



#11 AR-1232-1

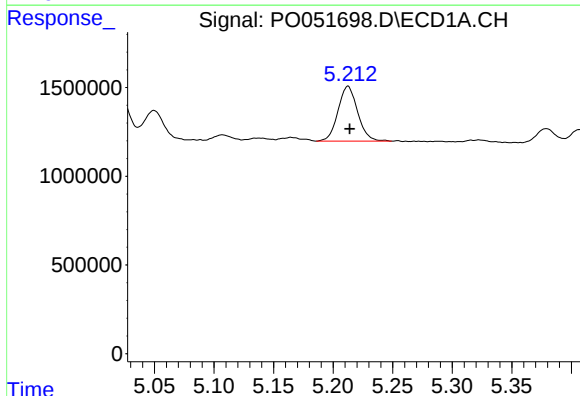
R.T.: 4.688 min
Delta R.T.: -0.002 min
Response: 2312187
Conc: 174.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



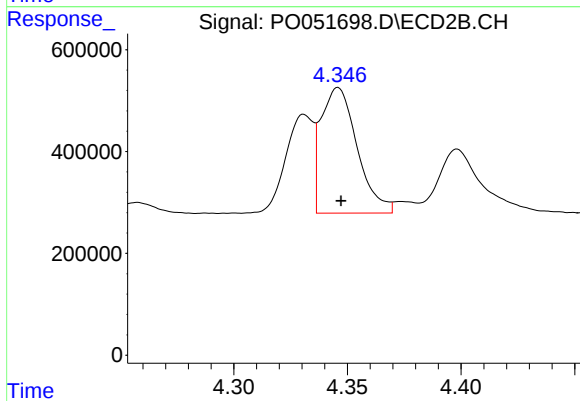
#11 AR-1232-1

R.T.: 3.671 min
Delta R.T.: 0.000 min
Response: 789982
Conc: 170.61 ng/ml



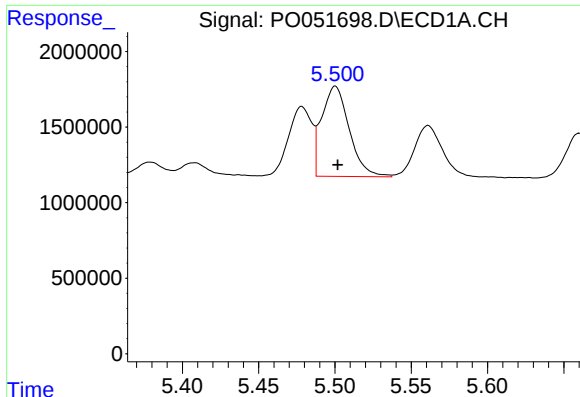
#12 AR-1232-2

R.T.: 5.213 min
Delta R.T.: -0.002 min
Response: 3550405
Conc: 488.79 ng/ml



#12 AR-1232-2

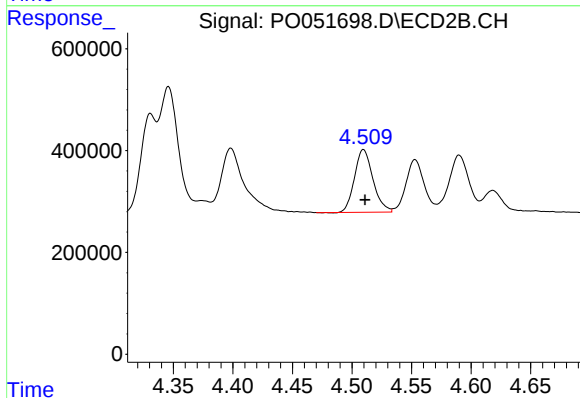
R.T.: 4.346 min
Delta R.T.: -0.001 min
Response: 2735446
Conc: 510.76 ng/ml



#13 AR-1232-3

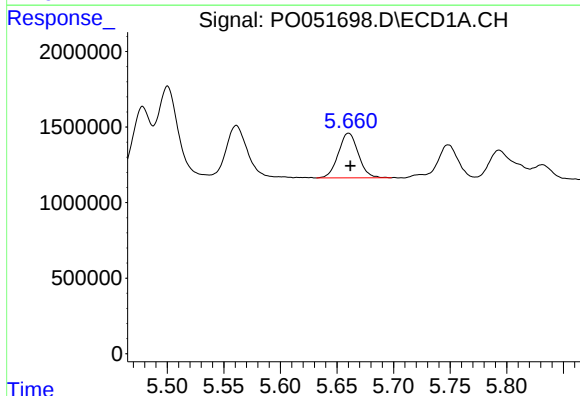
R.T.: 5.500 min
Delta R.T.: -0.002 min
Response: 7504121
Conc: 524.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



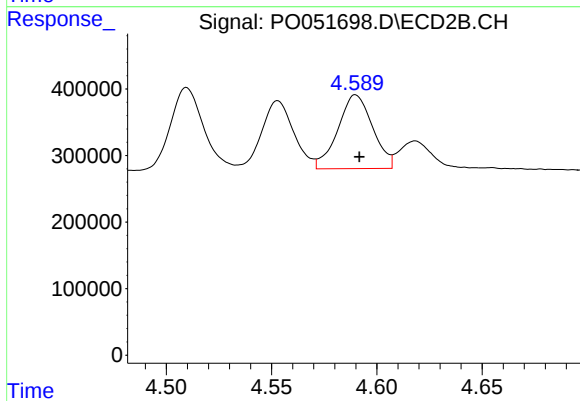
#13 AR-1232-3

R.T.: 4.510 min
Delta R.T.: -0.001 min
Response: 1330724
Conc: 509.10 ng/ml



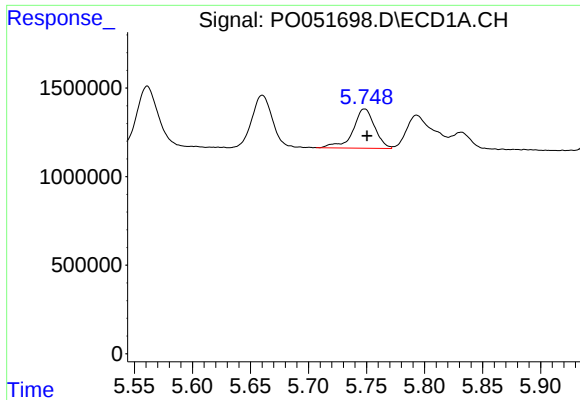
#14 AR-1232-4

R.T.: 5.660 min
Delta R.T.: -0.002 min
Response: 3626746
Conc: 509.40 ng/ml



#14 AR-1232-4

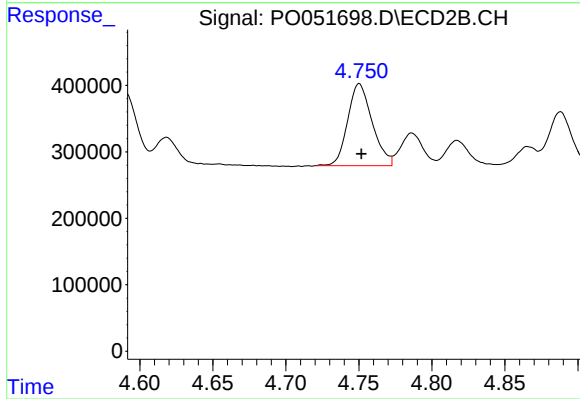
R.T.: 4.590 min
Delta R.T.: -0.002 min
Response: 1279750
Conc: 580.64 ng/ml



#15 AR-1232-5

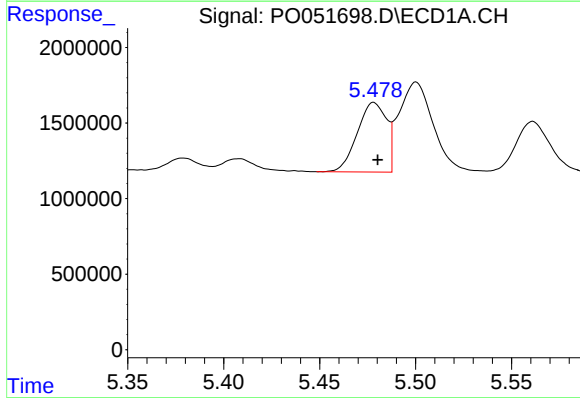
R.T.: 5.748 min
Delta R.T.: -0.002 min
Response: 2889491
Conc: 584.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



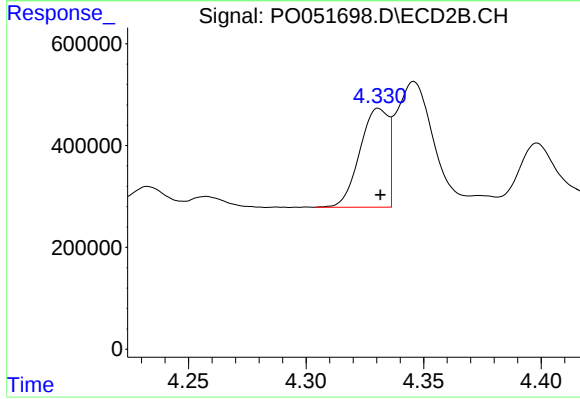
#15 AR-1232-5

R.T.: 4.750 min
Delta R.T.: -0.002 min
Response: 1442831
Conc: 569.99 ng/ml



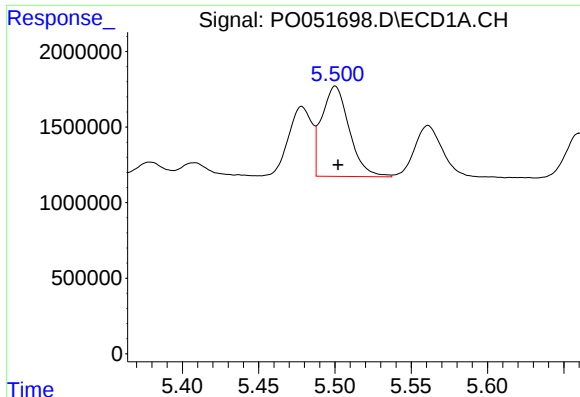
#16 AR-1242-1

R.T.: 5.478 min
Delta R.T.: -0.002 min
Response: 4897283
Conc: 272.75 ng/ml



#16 AR-1242-1

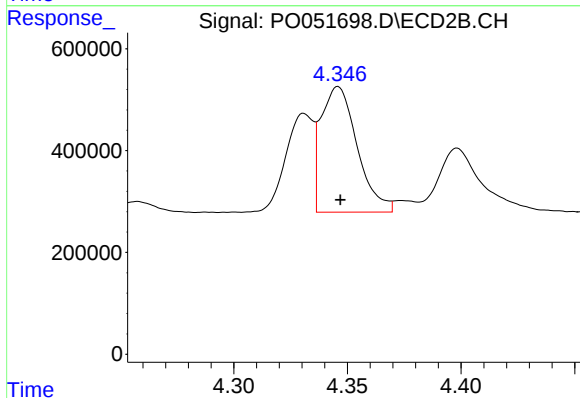
R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 1632673
Conc: 275.14 ng/ml



#17 AR-1242-2

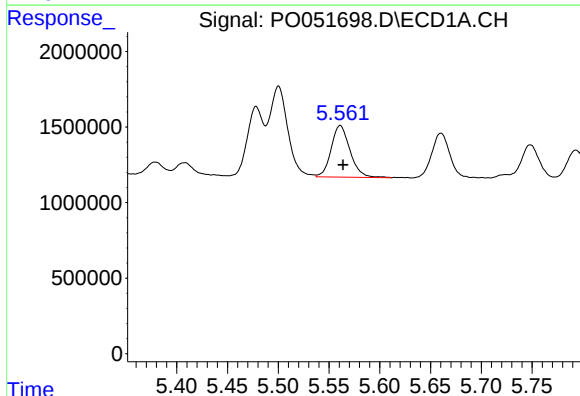
R.T.: 5.500 min
Delta R.T.: -0.002 min
Response: 7504121
Conc: 275.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



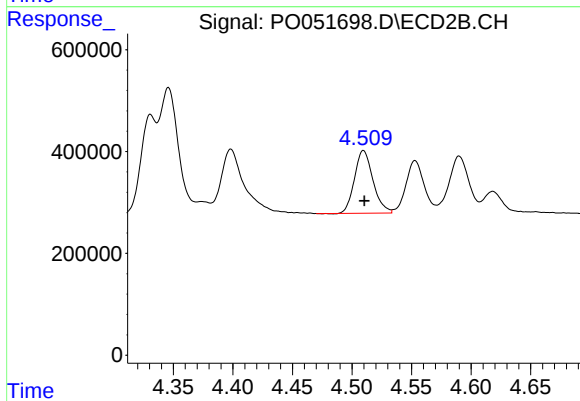
#17 AR-1242-2

R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 2735446
Conc: 274.06 ng/ml



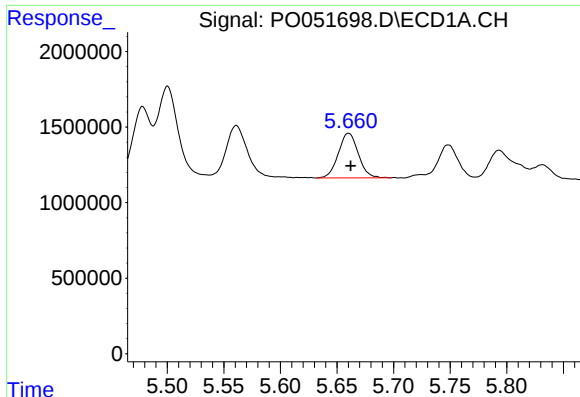
#18 AR-1242-3

R.T.: 5.561 min
Delta R.T.: -0.003 min
Response: 4418036
Conc: 276.64 ng/ml



#18 AR-1242-3

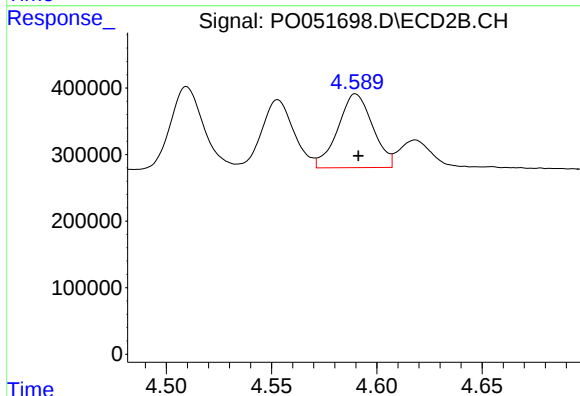
R.T.: 4.510 min
Delta R.T.: 0.000 min
Response: 1330724
Conc: 268.29 ng/ml



#19 AR-1242-4

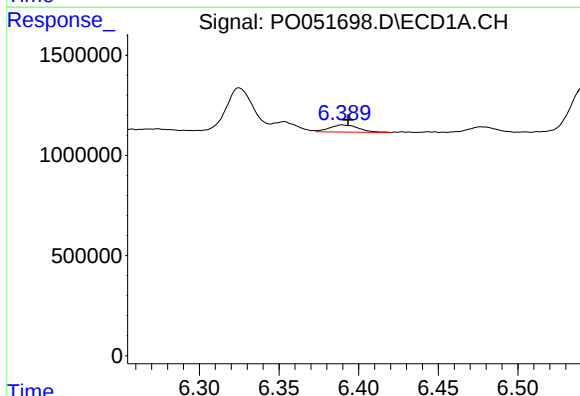
R.T.: 5.660 min
Delta R.T.: -0.002 min
Response: 3626746
Conc: 274.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



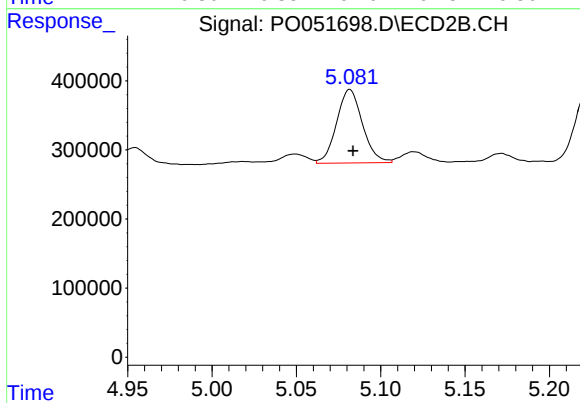
#19 AR-1242-4

R.T.: 4.590 min
Delta R.T.: -0.001 min
Response: 1279750
Conc: 270.07 ng/ml



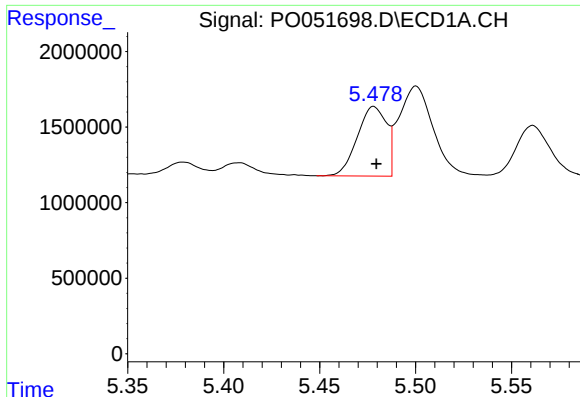
#20 AR-1242-5

R.T.: 6.390 min
Delta R.T.: -0.003 min
Response: 451915
Conc: 33.81 ng/ml



#20 AR-1242-5

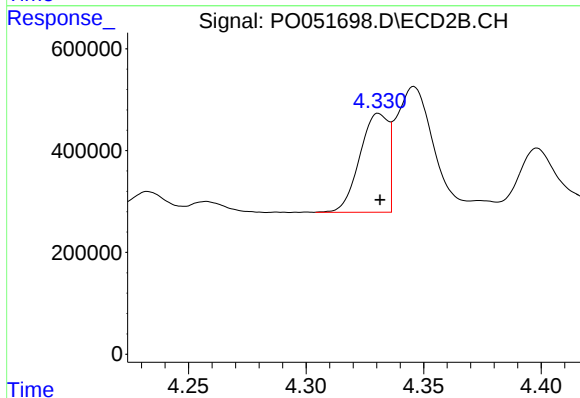
R.T.: 5.082 min
Delta R.T.: -0.002 min
Response: 1138050
Conc: 188.80 ng/ml



#21 AR-1248-1

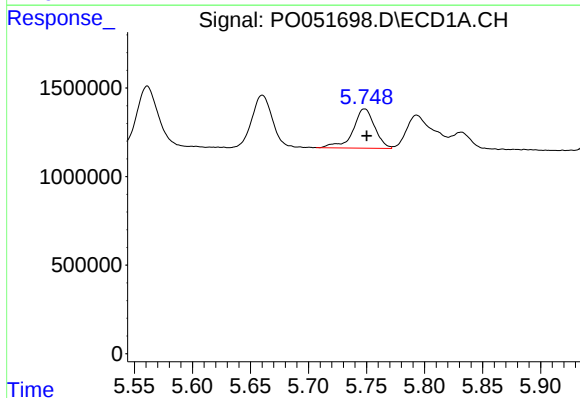
R.T.: 5.478 min
Delta R.T.: -0.001 min
Response: 4897283
Conc: 318.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



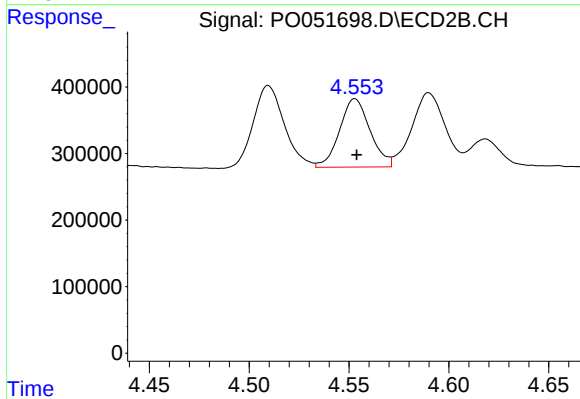
#21 AR-1248-1

R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 1632673
Conc: 303.08 ng/ml



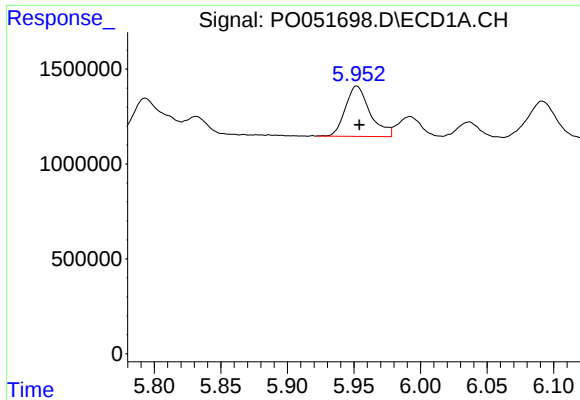
#22 AR-1248-2

R.T.: 5.748 min
Delta R.T.: -0.002 min
Response: 2889491
Conc: 135.92 ng/ml



#22 AR-1248-2

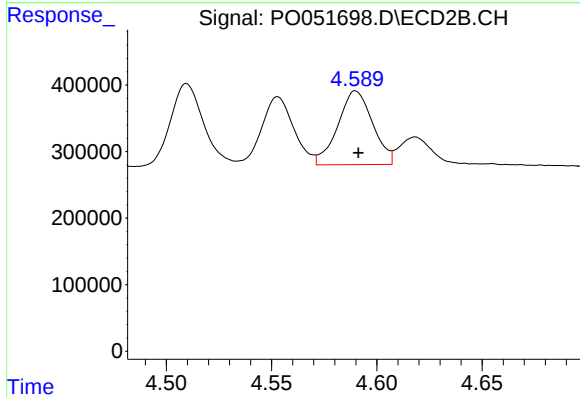
R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 1092020
Conc: 138.40 ng/ml



#23 AR-1248-3

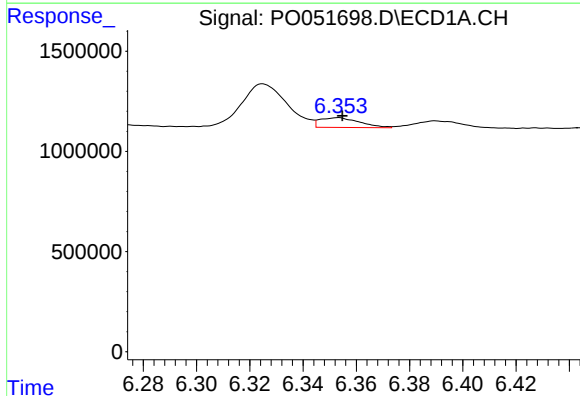
R.T.: 5.952 min
Delta R.T.: -0.002 min
Response: 3432421
Conc: 144.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



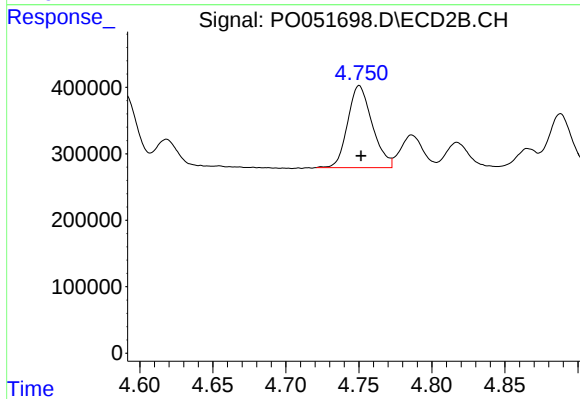
#23 AR-1248-3

R.T.: 4.590 min
Delta R.T.: -0.001 min
Response: 1279750
Conc: 163.24 ng/ml



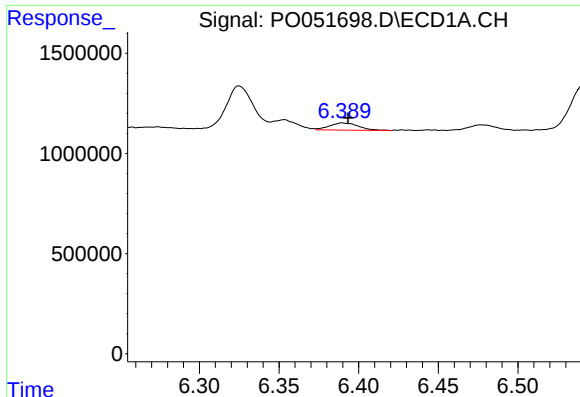
#24 AR-1248-4

R.T.: 6.353 min
Delta R.T.: -0.002 min
Response: 507783
Conc: 19.21 ng/ml



#24 AR-1248-4

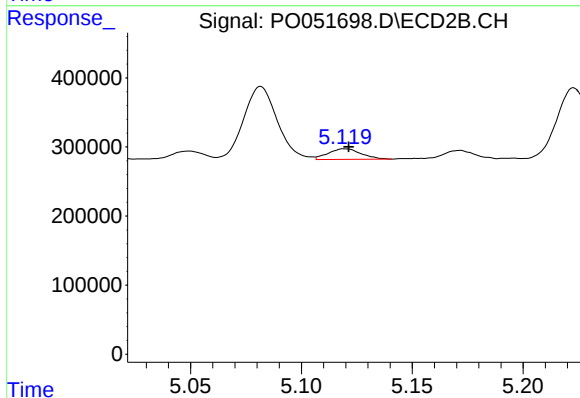
R.T.: 4.750 min
Delta R.T.: -0.001 min
Response: 1442831
Conc: 148.72 ng/ml



#25 AR-1248-5

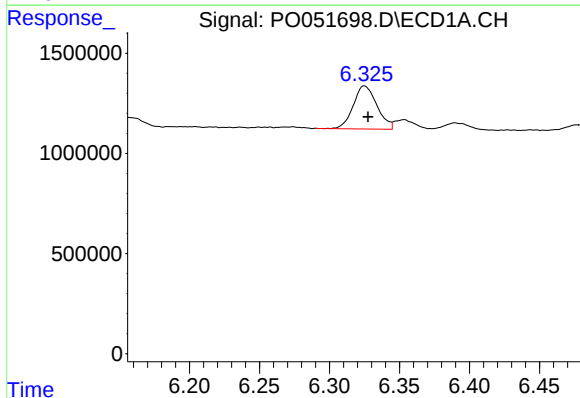
R.T.: 6.390 min
Delta R.T.: -0.003 min
Response: 451915
Conc: 18.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



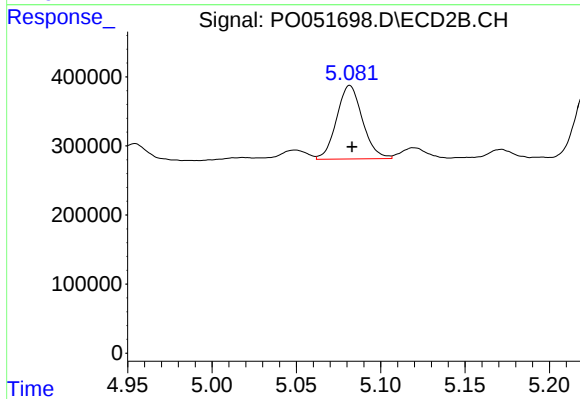
#25 AR-1248-5

R.T.: 5.119 min
Delta R.T.: -0.002 min
Response: 158720
Conc: 16.81 ng/ml



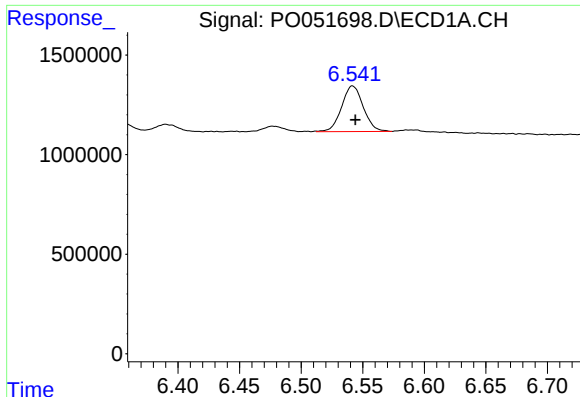
#26 AR-1254-1

R.T.: 6.325 min
Delta R.T.: -0.002 min
Response: 2545747
Conc: 103.08 ng/ml



#26 AR-1254-1

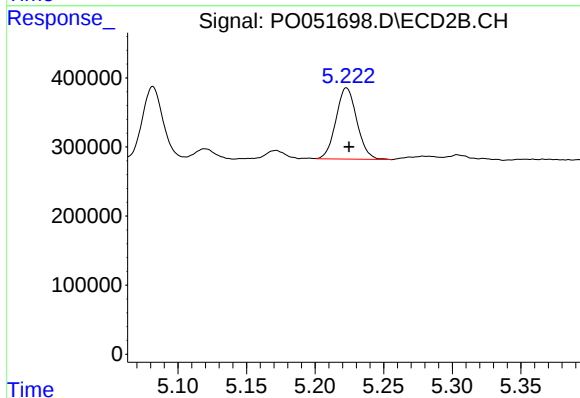
R.T.: 5.082 min
Delta R.T.: -0.001 min
Response: 1138050
Conc: 82.78 ng/ml



#27 AR-1254-2

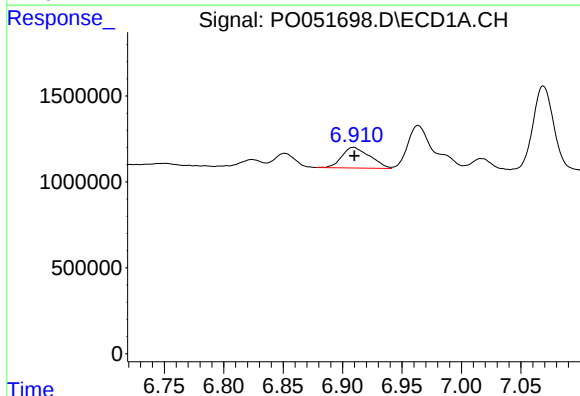
R.T.: 6.542 min
Delta R.T.: -0.002 min
Response: 2809604
Conc: 72.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



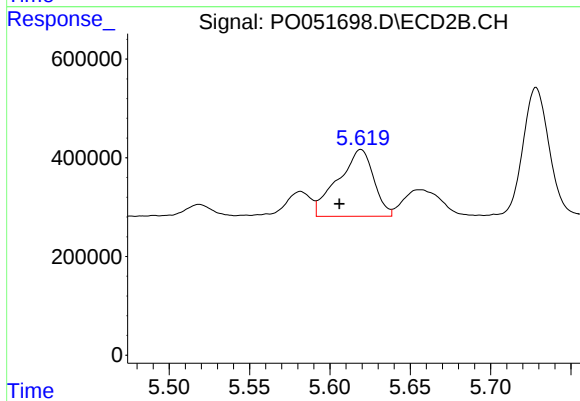
#27 AR-1254-2

R.T.: 5.223 min
Delta R.T.: -0.002 min
Response: 1093600
Conc: 91.63 ng/ml



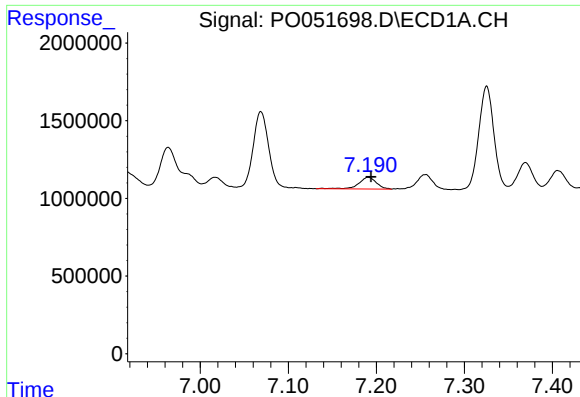
#28 AR-1254-3

R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 1966359
Conc: 48.78 ng/ml



#28 AR-1254-3

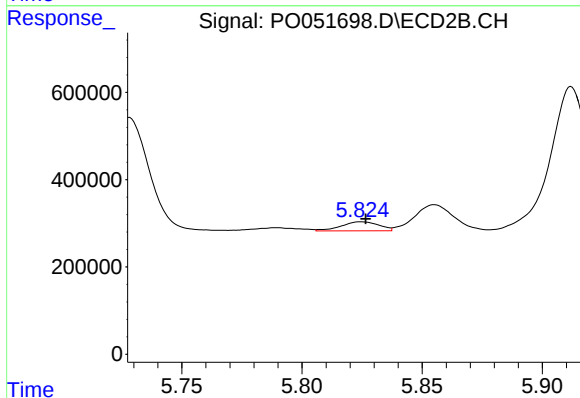
R.T.: 5.619 min
Delta R.T.: 0.013 min
Response: 2097653
Conc: 111.64 ng/ml



#29 AR-1254-4

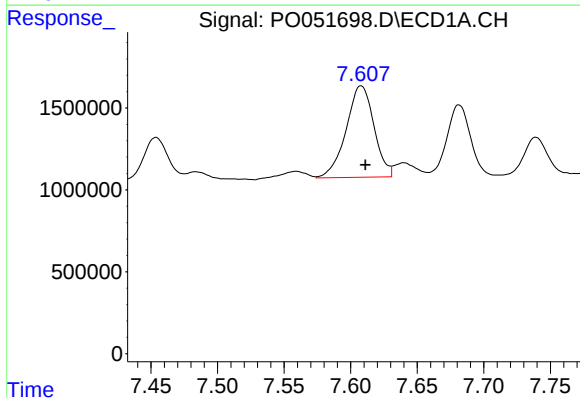
R.T.: 7.191 min
Delta R.T.: -0.003 min
Response: 1059841
Conc: 33.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



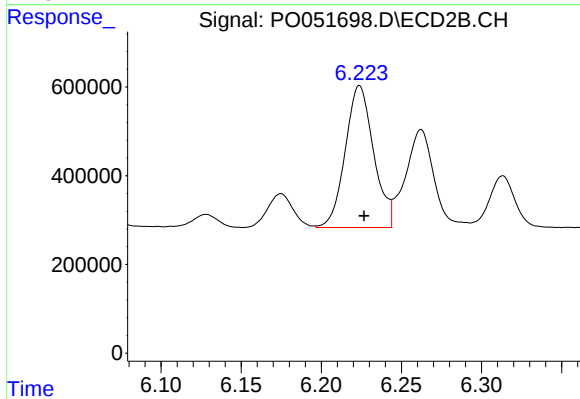
#29 AR-1254-4

R.T.: 5.824 min
Delta R.T.: -0.002 min
Response: 224942
Conc: 19.72 ng/ml



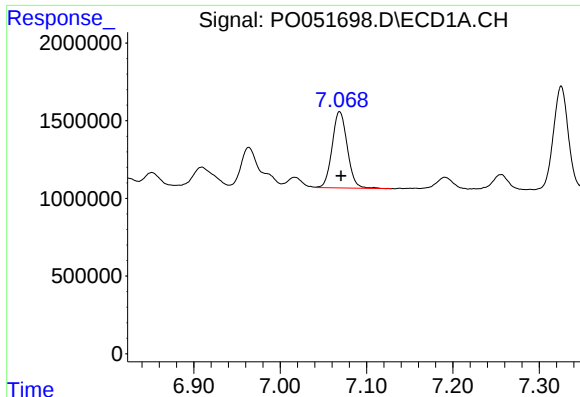
#30 AR-1254-5

R.T.: 7.608 min
Delta R.T.: -0.003 min
Response: 8149477
Conc: 264.67 ng/ml



#30 AR-1254-5

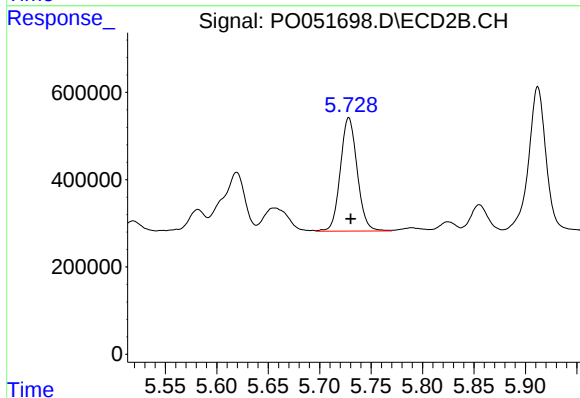
R.T.: 6.224 min
Delta R.T.: -0.003 min
Response: 3941609
Conc: 249.75 ng/ml



#31 AR-1260-1

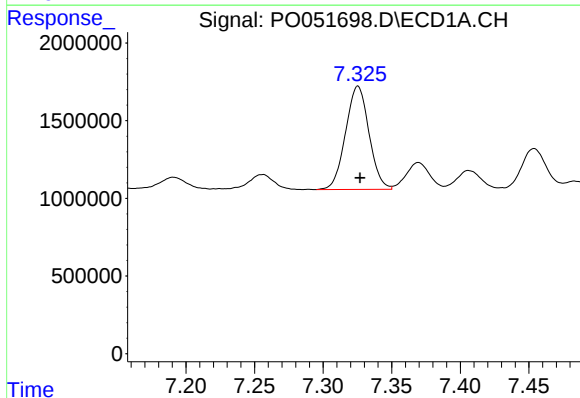
R.T.: 7.069 min
Delta R.T.: -0.002 min
Response: 5982074
Conc: 198.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



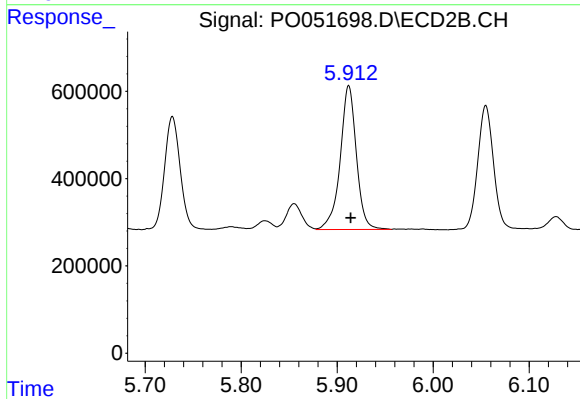
#31 AR-1260-1

R.T.: 5.728 min
Delta R.T.: -0.002 min
Response: 2968723
Conc: 218.83 ng/ml



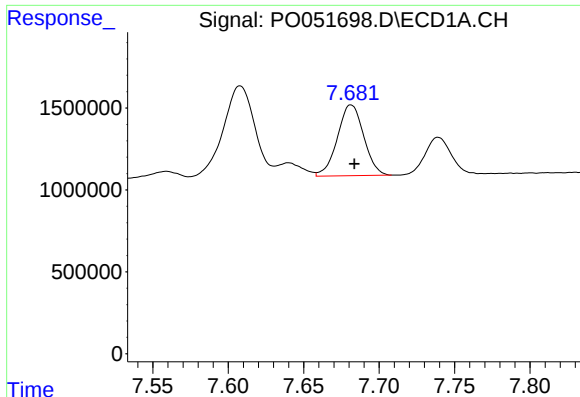
#32 AR-1260-2

R.T.: 7.325 min
Delta R.T.: -0.002 min
Response: 7918320
Conc: 187.57 ng/ml



#32 AR-1260-2

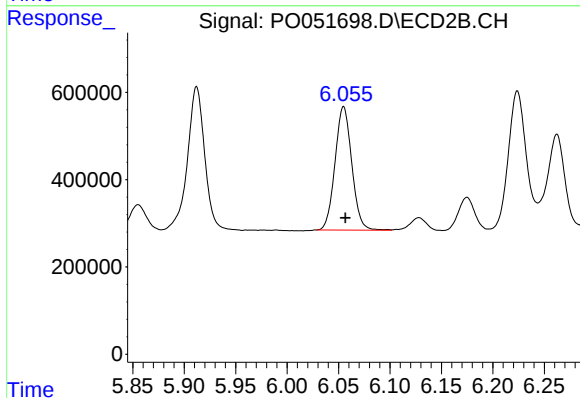
R.T.: 5.912 min
Delta R.T.: -0.002 min
Response: 3865836
Conc: 222.77 ng/ml



#33 AR-1260-3

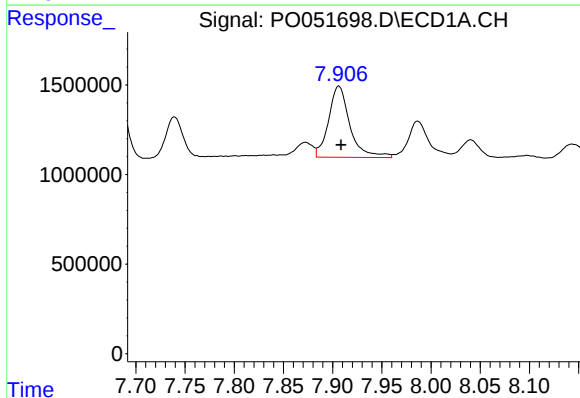
R.T.: 7.681 min
Delta R.T.: -0.002 min
Response: 5255185
Conc: 180.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



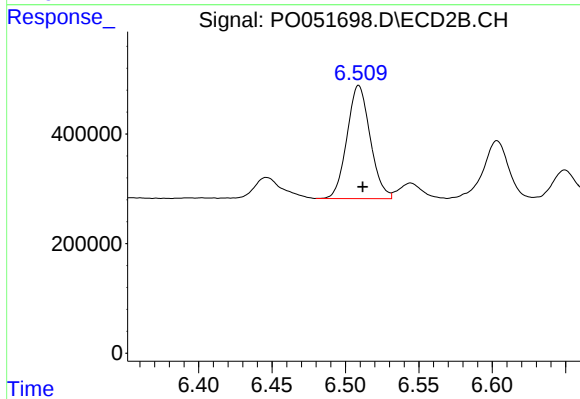
#33 AR-1260-3

R.T.: 6.055 min
Delta R.T.: -0.002 min
Response: 3216921
Conc: 210.01 ng/ml



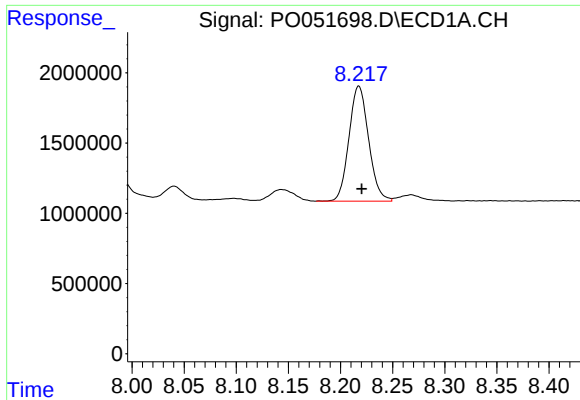
#34 AR-1260-4

R.T.: 7.906 min
Delta R.T.: -0.003 min
Response: 5988422
Conc: 217.75 ng/ml



#34 AR-1260-4

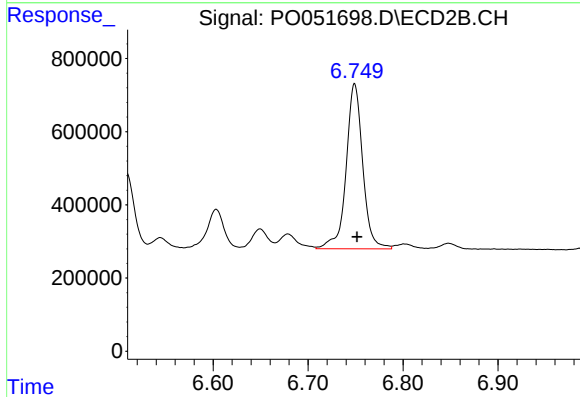
R.T.: 6.509 min
Delta R.T.: -0.003 min
Response: 2273817
Conc: 223.75 ng/ml



#35 AR-1260-5

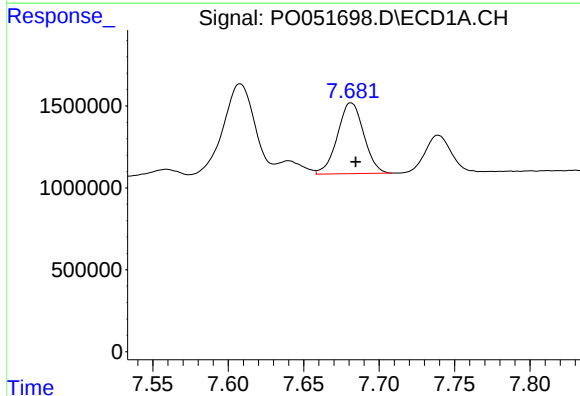
R.T.: 8.218 min
Delta R.T.: -0.003 min
Response: 10741328
Conc: 186.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



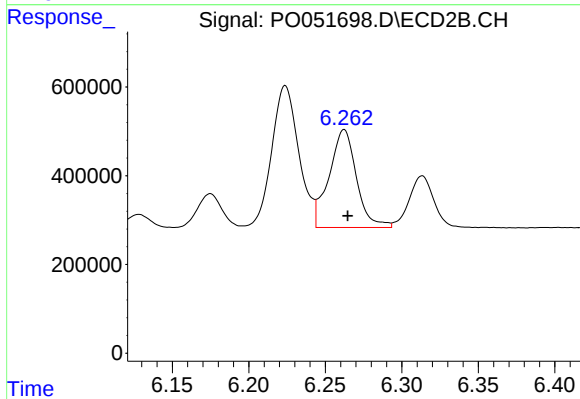
#35 AR-1260-5

R.T.: 6.749 min
Delta R.T.: -0.002 min
Response: 5493358
Conc: 212.82 ng/ml



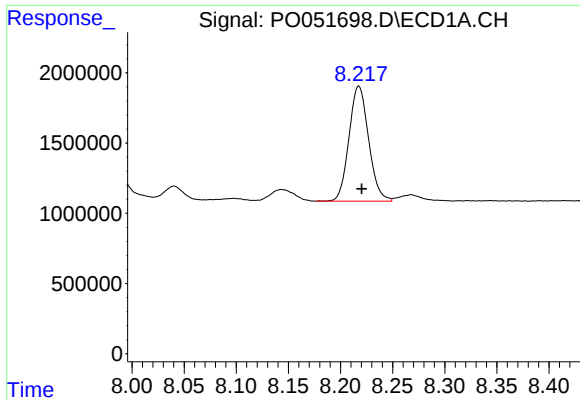
#36 AR-1262-1

R.T.: 7.681 min
Delta R.T.: -0.003 min
Response: 5255185
Conc: 112.20 ng/ml



#36 AR-1262-1

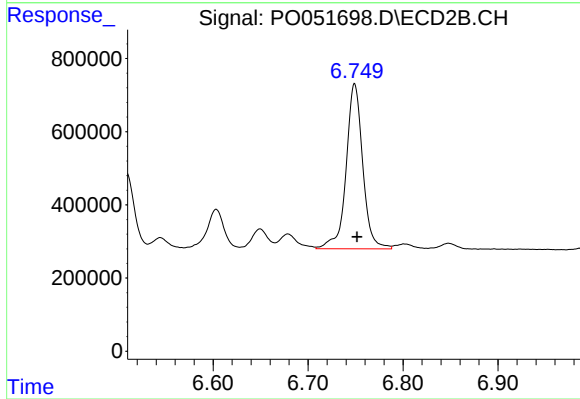
R.T.: 6.262 min
Delta R.T.: -0.002 min
Response: 2756750
Conc: 147.56 ng/ml



#37 AR-1262-2

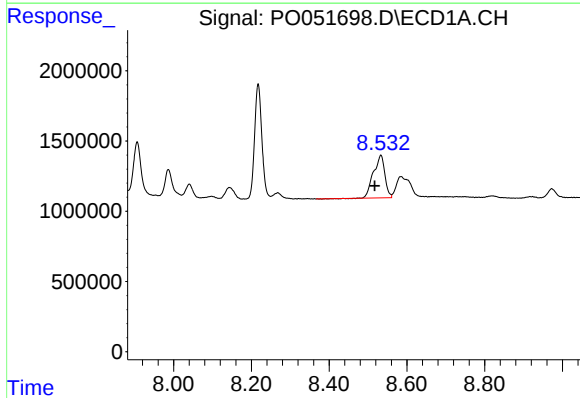
R.T.: 8.218 min
Delta R.T.: -0.003 min
Response: 10741328
Conc: 153.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



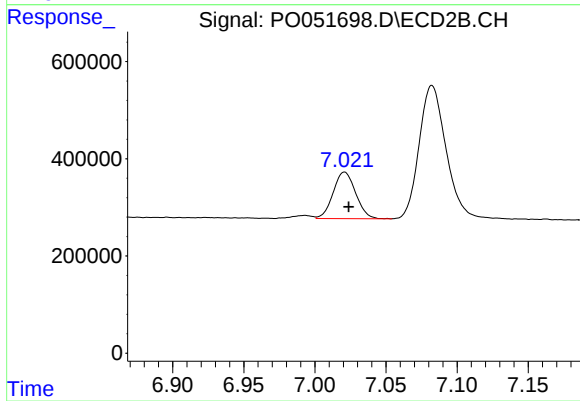
#37 AR-1262-2

R.T.: 6.749 min
Delta R.T.: -0.003 min
Response: 5493358
Conc: 182.10 ng/ml



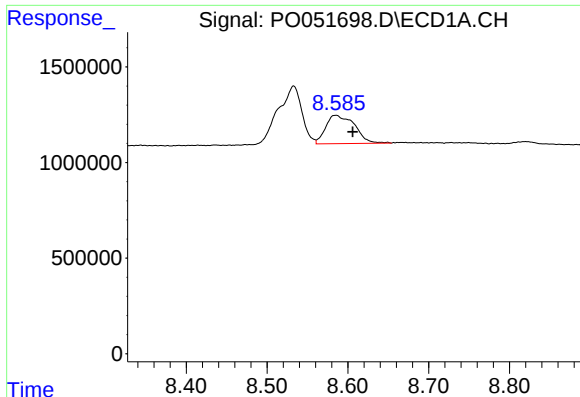
#38 AR-1262-3

R.T.: 8.533 min
Delta R.T.: 0.015 min
Response: 6122635
Conc: 138.79 ng/ml



#38 AR-1262-3

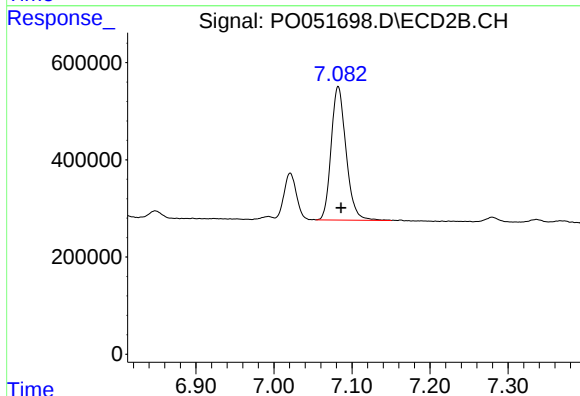
R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 1055349
Conc: 84.56 ng/ml



#39 AR-1262-4

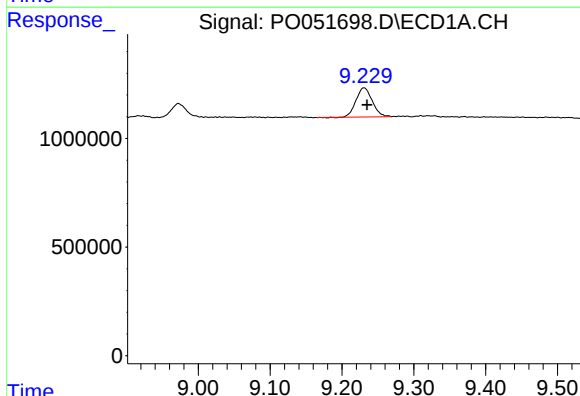
R.T.: 8.585 min
Delta R.T.: -0.021 min
Response: 3707913
Conc: 107.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



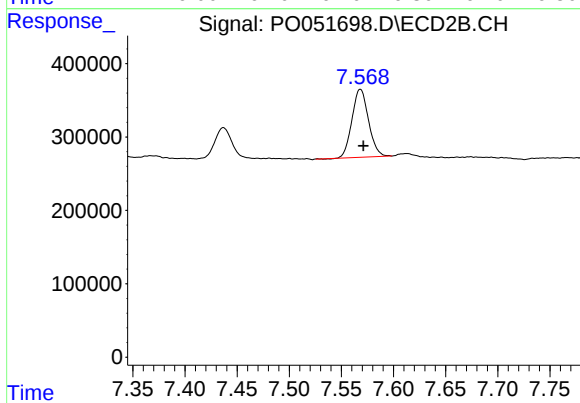
#39 AR-1262-4

R.T.: 7.082 min
Delta R.T.: -0.004 min
Response: 3645365
Conc: 167.02 ng/ml



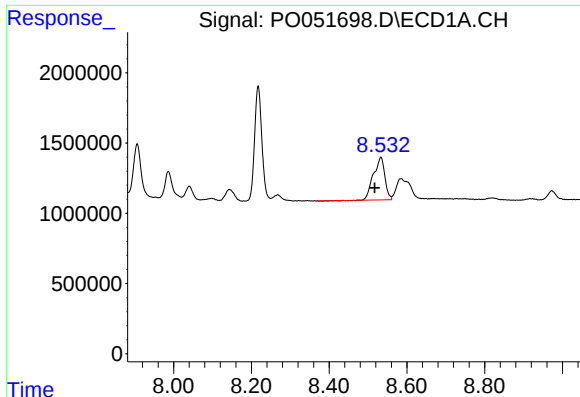
#40 AR-1262-5

R.T.: 9.231 min
Delta R.T.: -0.004 min
Response: 2103655
Conc: 101.85 ng/ml



#40 AR-1262-5

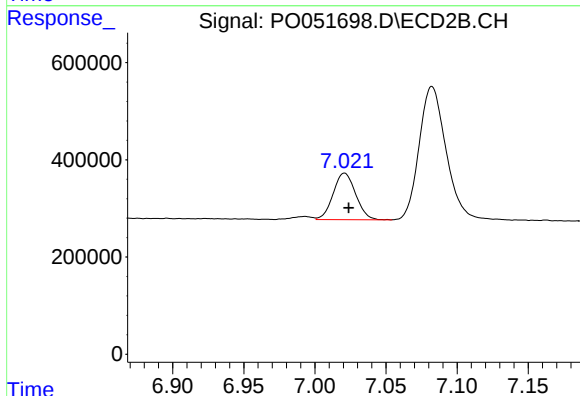
R.T.: 7.568 min
Delta R.T.: -0.003 min
Response: 1021412
Conc: 114.96 ng/ml



#41 AR-1268-1

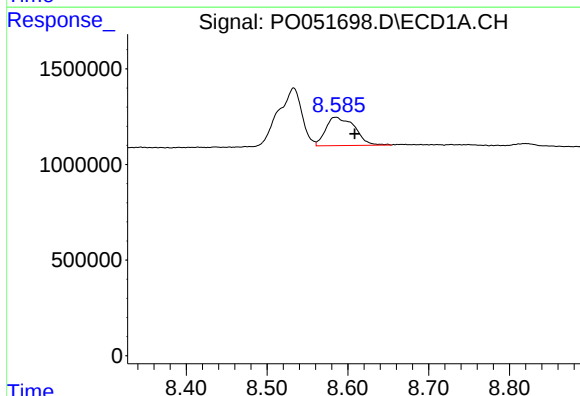
R.T.: 8.533 min
Delta R.T.: 0.015 min
Response: 6122635
Conc: 66.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



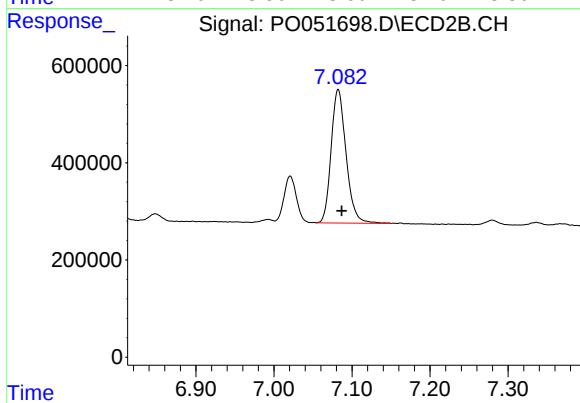
#41 AR-1268-1

R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 1055349
Conc: 26.73 ng/ml



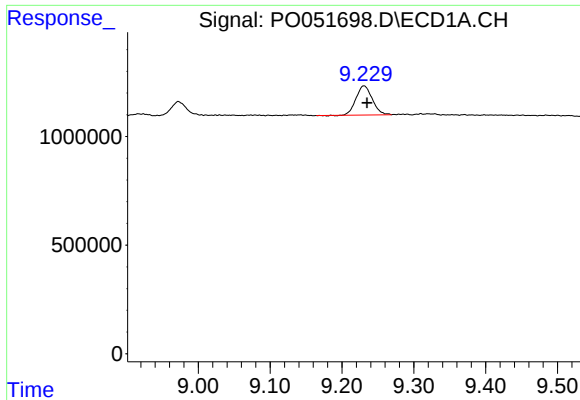
#42 AR-1268-2

R.T.: 8.585 min
Delta R.T.: -0.023 min
Response: 3707913
Conc: 46.47 ng/ml



#42 AR-1268-2

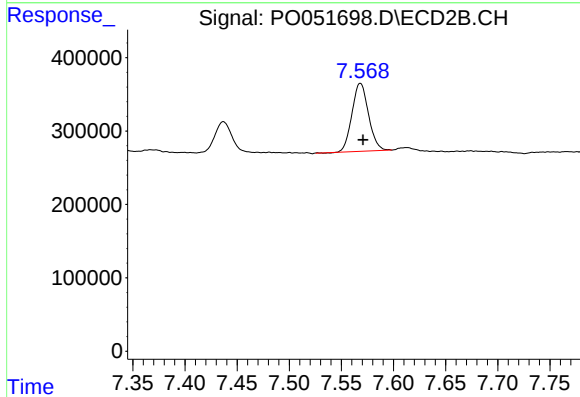
R.T.: 7.082 min
Delta R.T.: -0.005 min
Response: 3645365
Conc: 98.78 ng/ml



#44 AR-1268-4

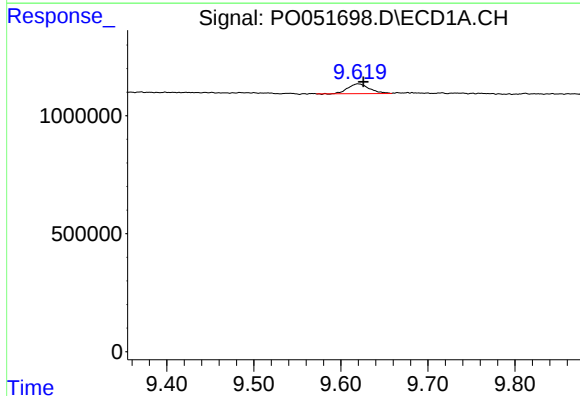
R.T.: 9.231 min
Delta R.T.: -0.004 min
Response: 2103655
Conc: 84.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



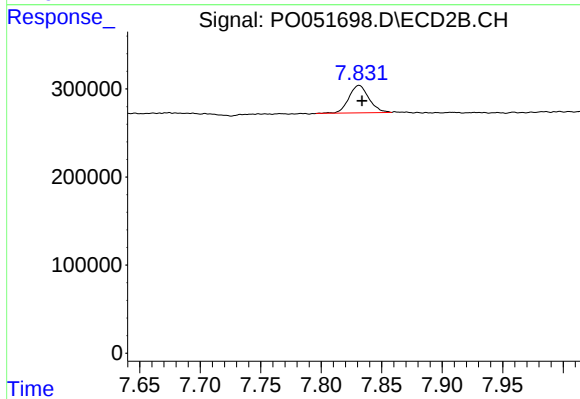
#44 AR-1268-4

R.T.: 7.568 min
Delta R.T.: -0.002 min
Response: 1021412
Conc: 90.78 ng/ml



#45 AR-1268-5

R.T.: 9.620 min
Delta R.T.: -0.006 min
Response: 711857
Conc: 3.77 ng/ml



#45 AR-1268-5

R.T.: 7.831 min
Delta R.T.: -0.003 min
Response: 360259
Conc: 4.20 ng/ml