

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0082319\
 Data File : P0059796.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Aug 2019 10:07
 Operator : SM/AJ
 Sample : K4475-13DL 2X
 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: Aug 26 09:27:30 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Aug 17 03:09:44 2019
 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...	4.126	3.497	460715	414295	13.159	11.510
2)	SA Decachlor...	9.596	8.407	672842	7313	12.647	0.181 #
Target Compounds							
3)	L1 AR-1016-1	5.278	4.547	5197	6024	3.240	4.456 #
4)	L1 AR-1016-2	5.298	4.564	8028	5286	3.355	2.639
5)	L1 AR-1016-3	5.359	4.734	6152	3852	4.130	3.561
6)	L1 AR-1016-4	5.494	4.777	926	15552	0.765	17.222 #
7)	L1 AR-1016-5	5.704	4.985	1424	4704	1.109	4.083 #
8)	L2 AR-1221-1	4.395	3.697	1707	11622	4.032	28.955 #
9)	L2 AR-1221-2	4.428	3.790	8022	10086	24.698	33.111 #
10)	L2 AR-1221-3	4.501	3.905	5442	43840	5.174	44.806 #
11)	L3 AR-1232-1	4.501	3.905	5442	43840	4.366	38.452 #
12)	L3 AR-1232-2	5.047	4.564	470	5286	0.666	4.151 #
13)	L3 AR-1232-3	5.298	4.734	8028	3852	5.242	5.658
14)	L3 AR-1232-4	5.494	4.845	926	7328	1.184	12.012 #
15)	L3 AR-1232-5	5.587	4.985	4455	4704	7.412	6.910
16)	L4 AR-1242-1	5.298	4.564	8028	5286	6.324	5.139
17)	L4 AR-1242-2	5.298	4.564	8028	5286	4.326	3.471
18)	L4 AR-1242-3	5.386	4.734	2539	3852	2.173	4.611 #
19)	L4 AR-1242-4	5.494	4.845	926	7328	0.956	8.782 #
20)	L4 AR-1242-5	6.181	5.327	52013	117070	41.392	104.657 #
21)	L5 AR-1248-1	5.278	4.547	5197	6024	5.184	7.275 #
22)	L5 AR-1248-2	5.542	4.777	14182	15552	9.774	13.487 #
23)	L5 AR-1248-3	5.704	4.816	1424	6762	0.857	5.693 #
24)	L5 AR-1248-4	6.114	4.985	176938	4704	86.560	3.237 #
25)	L5 AR-1248-5	6.181	5.327	52013	117070	26.228	81.794 #
26)	L6 AR-1254-1	6.114	5.327	176938	117070	84.805	49.359 #
27)	L6 AR-1254-2	6.328	5.473	155171	97128	46.511	46.289
28)	L6 AR-1254-3	6.694	5.879	281619	654307	79.364	194.589 #
29)	L6 AR-1254-4	6.974	6.094	194848	44207	66.150	21.440 #
30)	L6 AR-1254-5	7.390	6.502	2658336	1802403	859.637	580.489 #
31)	L7 AR-1260-1	6.852	5.993	1345460	1044686	499.091	458.416
32)	L7 AR-1260-2	7.107	6.181	1507515	1095272	406.286	373.829
33)	L7 AR-1260-3	7.461	6.329	2529634	1234648	772.093	466.057 #
34)	L7 AR-1260-4	7.688	6.792	2646424	1402495	861.657	619.866 #
35)	L7 AR-1260-5	7.995	7.036	6574435	4826801	928.474	877.071
36)	L8 AR-1262-1	7.461	6.536	2529634	1977675	521.262	530.556
37)	L8 AR-1262-2	8.038	7.036	545217	4826801	70.662	821.018 #
38)	L8 AR-1262-3	8.295	7.308	2632004	1151823	515.846	453.301
39)	L8 AR-1262-4	8.342	7.374	2637268	3608164	684.164	816.521
40)	L8 AR-1262-5	8.951	7.912	1797814	-211976	700.476	N.D. #
41)	L9 AR-1268-1	8.295	7.308	2632004	1151823	279.683	161.752 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082319\
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 Operator : SM/AJ
 Sample : K4475-13DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

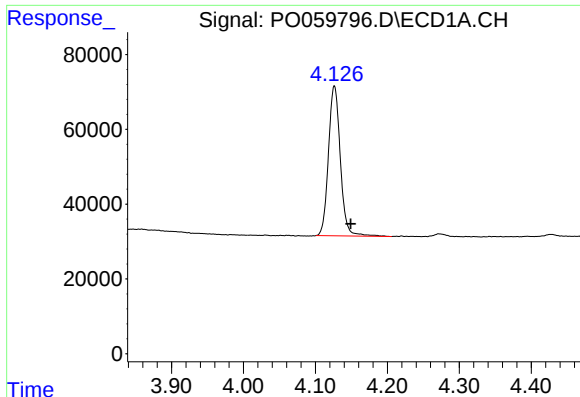
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 26 09:27:30 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
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 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	8.342	7.374	2637268	3608164	334.565	559.578 #
43) L9	AR-1268-3	8.605	7.598	57158	4756	8.109	0.869 #
44) L9	AR-1268-4	8.951	7.912	1797814	-211976	646.685	N.D. #
45) L9	AR-1268-5	9.310	8.133	536003	157191	29.064	10.819 #

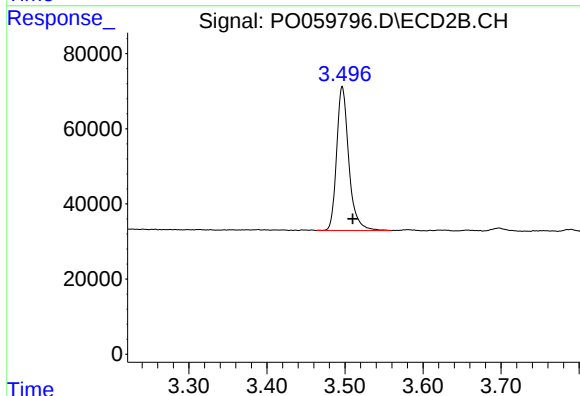
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

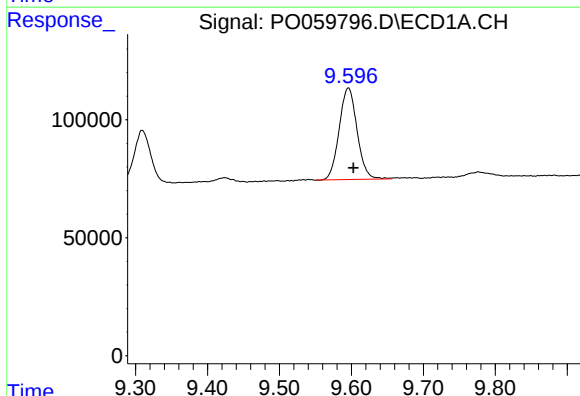
R.T.: 4.126 min
Delta R.T.: -0.023 min
Response: 460715
Conc: 13.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



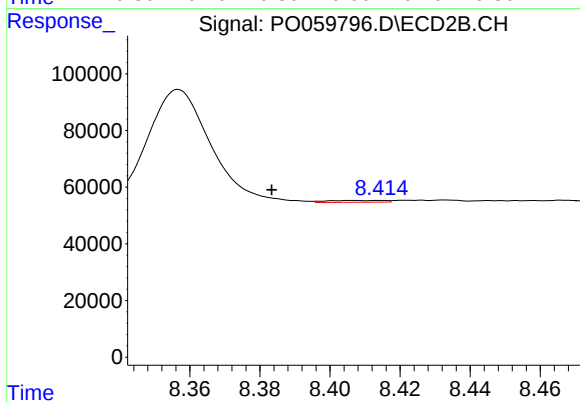
#1 Tetrachloro-m-xylene

R.T.: 3.497 min
Delta R.T.: -0.013 min
Response: 414295
Conc: 11.51 ng/ml



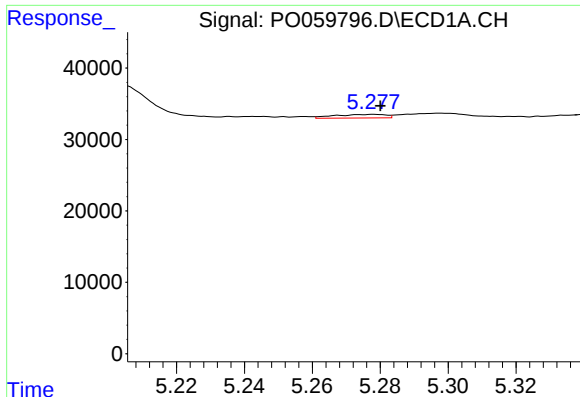
#2 Decachlorobiphenyl

R.T.: 9.596 min
Delta R.T.: -0.007 min
Response: 672842
Conc: 12.65 ng/ml



#2 Decachlorobiphenyl

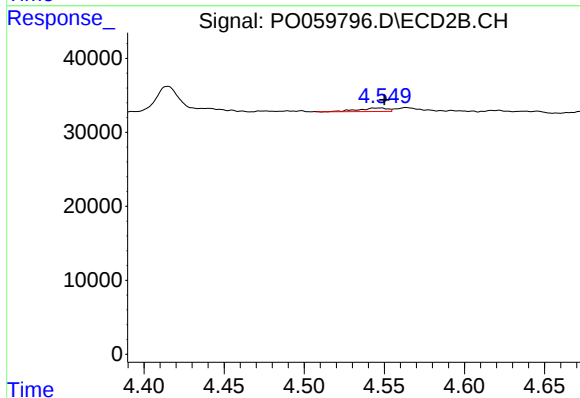
R.T.: 8.407 min
Delta R.T.: 0.023 min
Response: 7313
Conc: 0.18 ng/ml



#3 AR-1016-1

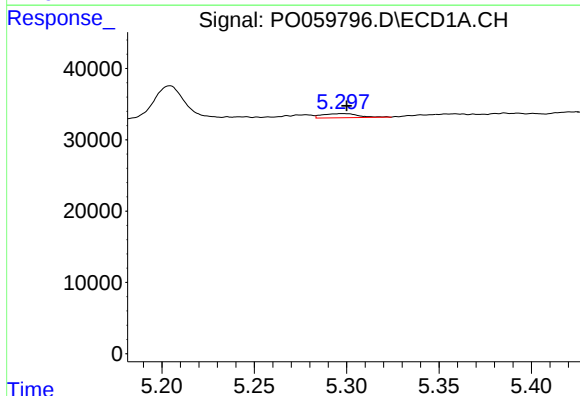
R.T.: 5.278 min
Delta R.T.: -0.002 min
Response: 5197
Conc: 3.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



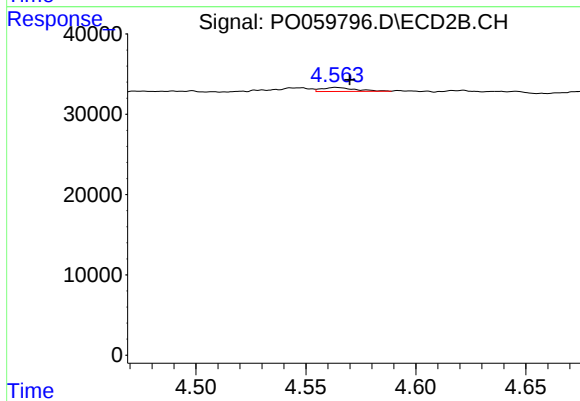
#3 AR-1016-1

R.T.: 4.547 min
Delta R.T.: -0.003 min
Response: 6024
Conc: 4.46 ng/ml



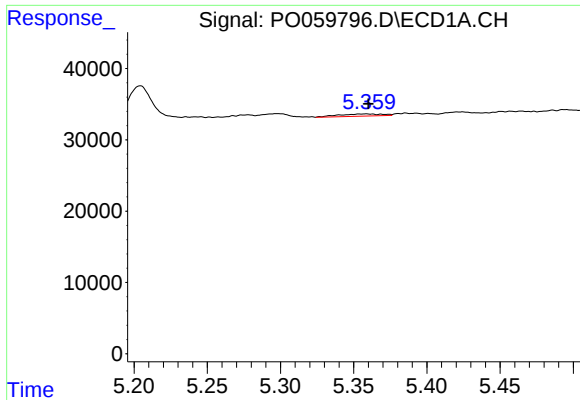
#4 AR-1016-2

R.T.: 5.298 min
Delta R.T.: -0.002 min
Response: 8028
Conc: 3.36 ng/ml



#4 AR-1016-2

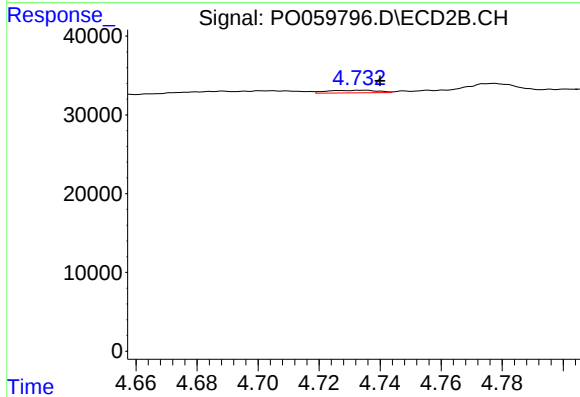
R.T.: 4.564 min
Delta R.T.: -0.006 min
Response: 5286
Conc: 2.64 ng/ml



#5 AR-1016-3

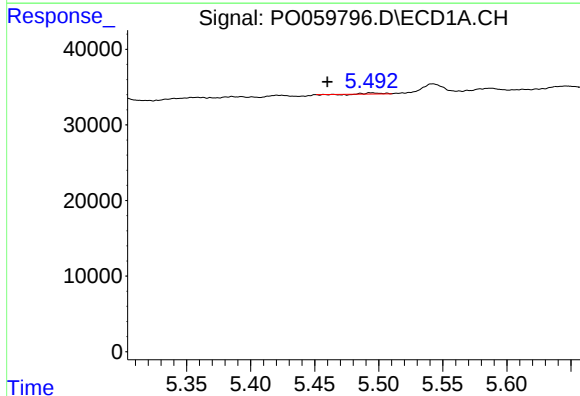
R.T.: 5.359 min
Delta R.T.: -0.001 min
Response: 6152
Conc: 4.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



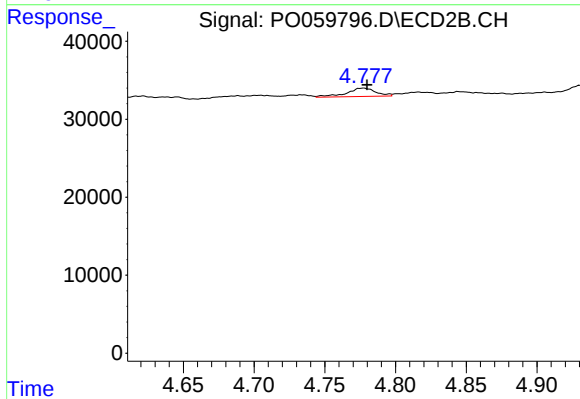
#5 AR-1016-3

R.T.: 4.734 min
Delta R.T.: -0.006 min
Response: 3852
Conc: 3.56 ng/ml



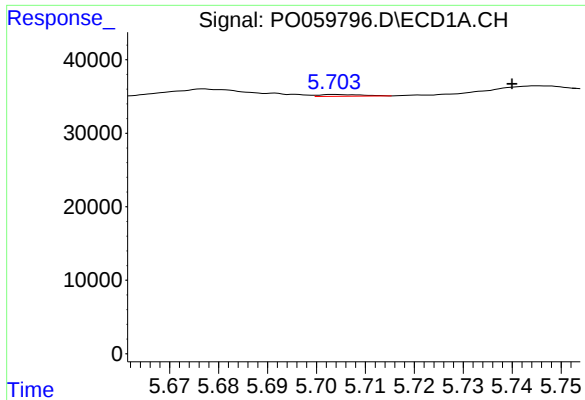
#6 AR-1016-4

R.T.: 5.494 min
Delta R.T.: 0.034 min
Response: 926
Conc: 0.77 ng/ml



#6 AR-1016-4

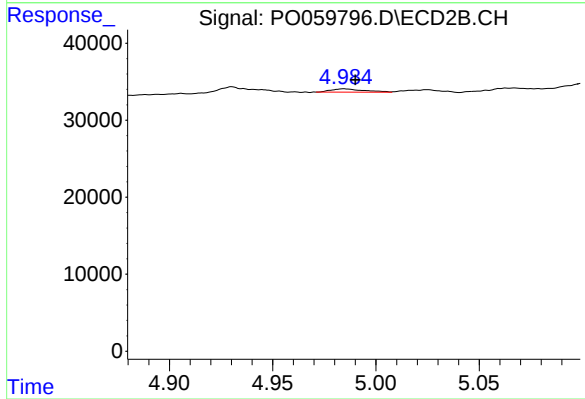
R.T.: 4.777 min
Delta R.T.: -0.003 min
Response: 15552
Conc: 17.22 ng/ml



#7 AR-1016-5

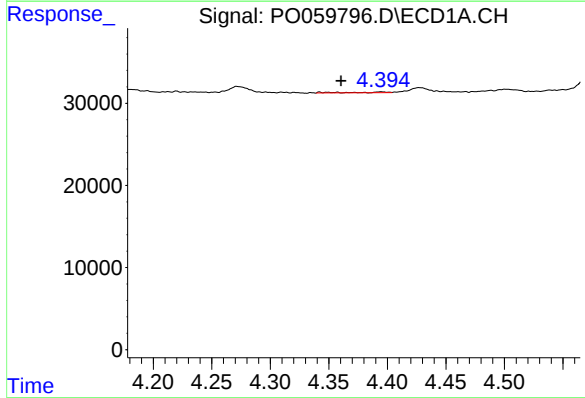
R.T.: 5.704 min
Delta R.T.: -0.036 min
Response: 1424
Conc: 1.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



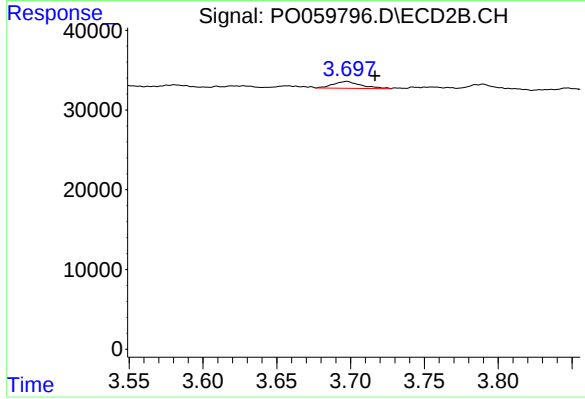
#7 AR-1016-5

R.T.: 4.985 min
Delta R.T.: -0.005 min
Response: 4704
Conc: 4.08 ng/ml



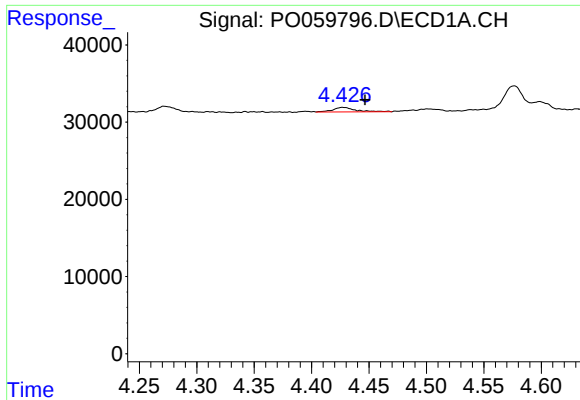
#8 AR-1221-1

R.T.: 4.395 min
Delta R.T.: 0.034 min
Response: 1707
Conc: 4.03 ng/ml



#8 AR-1221-1

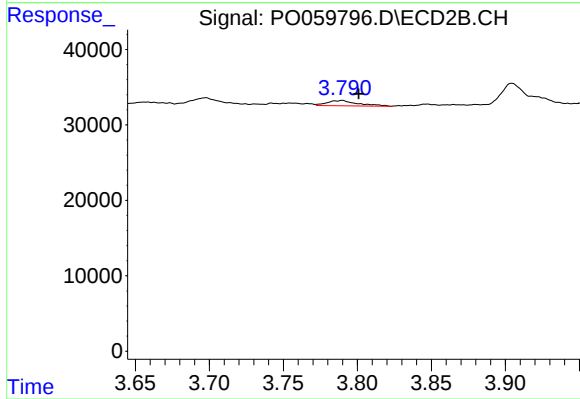
R.T.: 3.697 min
Delta R.T.: -0.019 min
Response: 11622
Conc: 28.95 ng/ml



#9 AR-1221-2

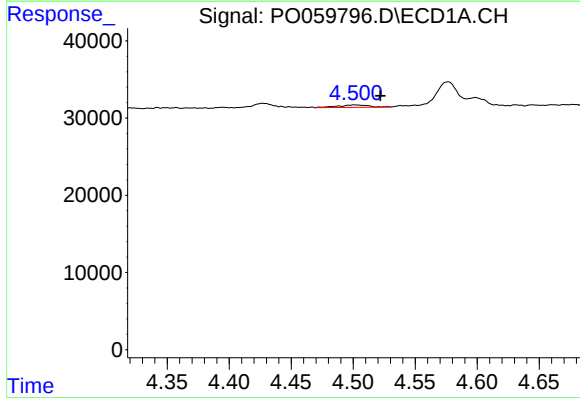
R.T.: 4.428 min
Delta R.T.: -0.019 min
Response: 8022
Conc: 24.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



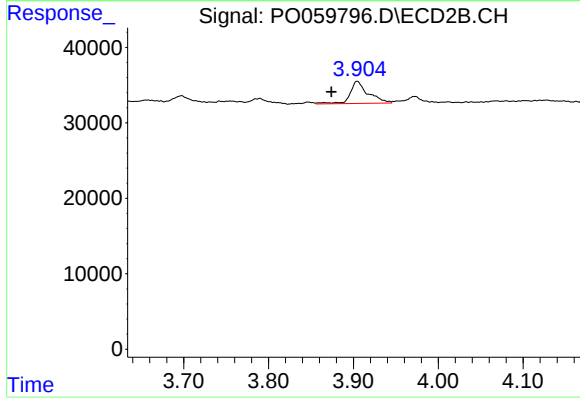
#9 AR-1221-2

R.T.: 3.790 min
Delta R.T.: -0.011 min
Response: 10086
Conc: 33.11 ng/ml



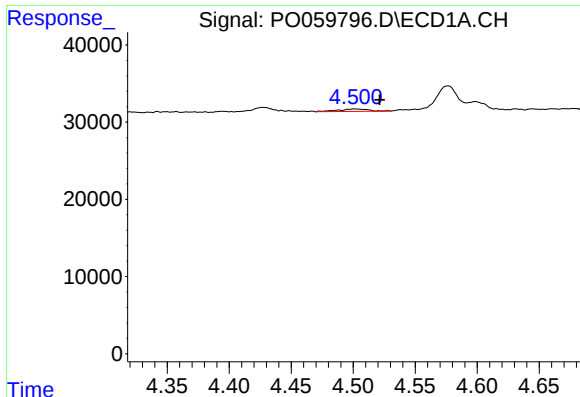
#10 AR-1221-3

R.T.: 4.501 min
Delta R.T.: -0.020 min
Response: 5442
Conc: 5.17 ng/ml



#10 AR-1221-3

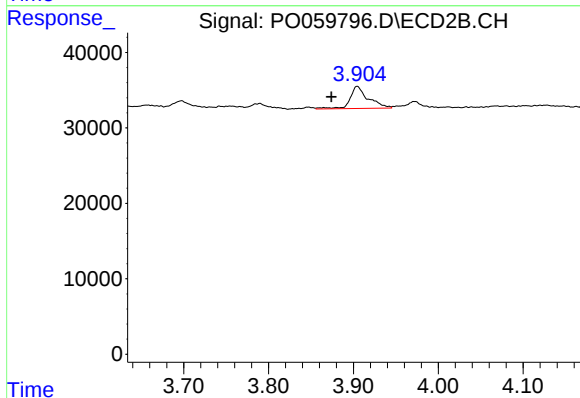
R.T.: 3.905 min
Delta R.T.: 0.030 min
Response: 43840
Conc: 44.81 ng/ml



#11 AR-1232-1

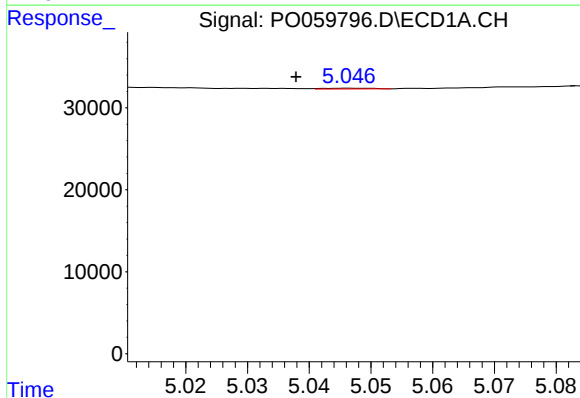
R.T.: 4.501 min
Delta R.T.: -0.020 min
Response: 5442
Conc: 4.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



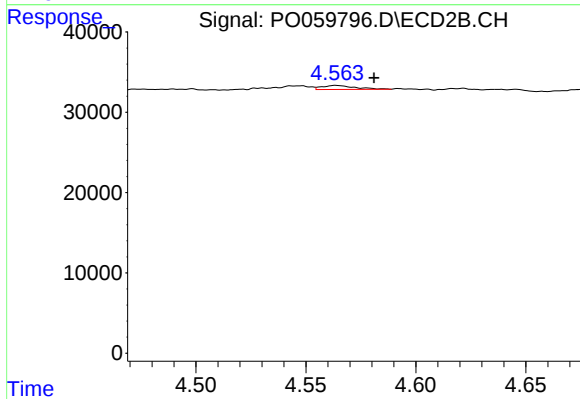
#11 AR-1232-1

R.T.: 3.905 min
Delta R.T.: 0.031 min
Response: 43840
Conc: 38.45 ng/ml



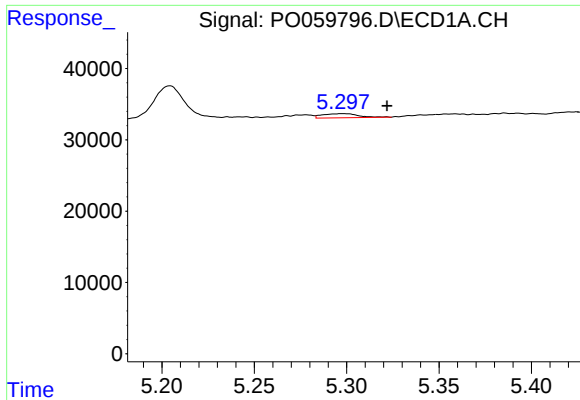
#12 AR-1232-2

R.T.: 5.047 min
Delta R.T.: 0.009 min
Response: 470
Conc: 0.67 ng/ml



#12 AR-1232-2

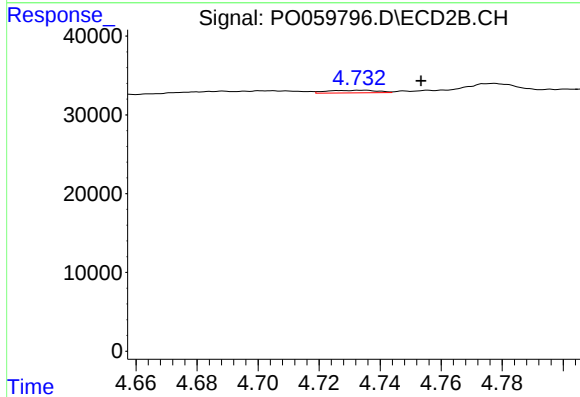
R.T.: 4.564 min
Delta R.T.: -0.017 min
Response: 5286
Conc: 4.15 ng/ml



#13 AR-1232-3

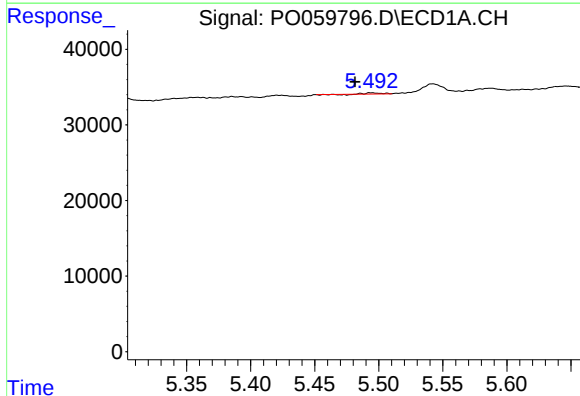
R.T.: 5.298 min
Delta R.T.: -0.024 min
Response: 8028
Conc: 5.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



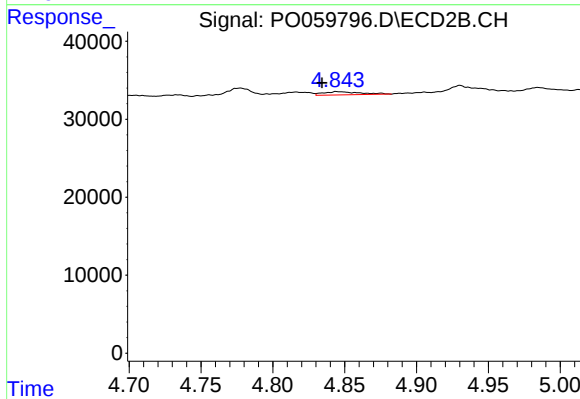
#13 AR-1232-3

R.T.: 4.734 min
Delta R.T.: -0.019 min
Response: 3852
Conc: 5.66 ng/ml



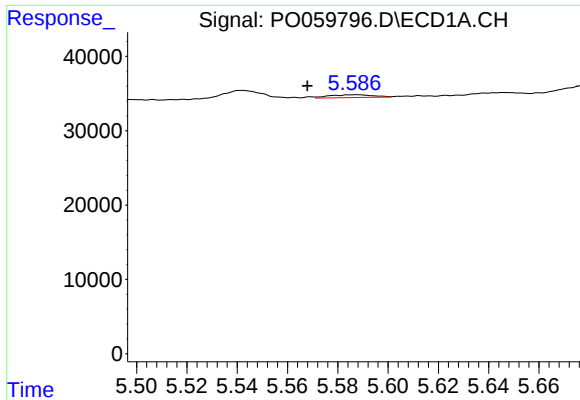
#14 AR-1232-4

R.T.: 5.494 min
Delta R.T.: 0.013 min
Response: 926
Conc: 1.18 ng/ml



#14 AR-1232-4

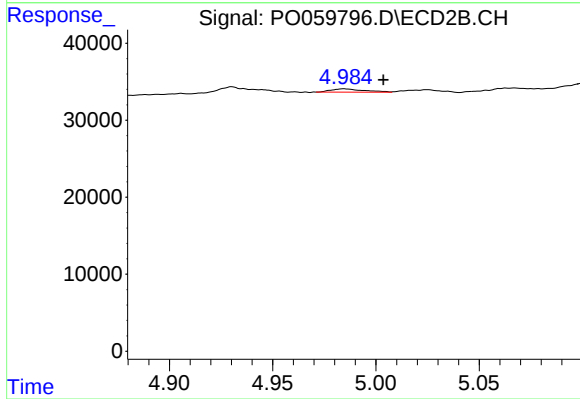
R.T.: 4.845 min
Delta R.T.: 0.010 min
Response: 7328
Conc: 12.01 ng/ml



#15 AR-1232-5

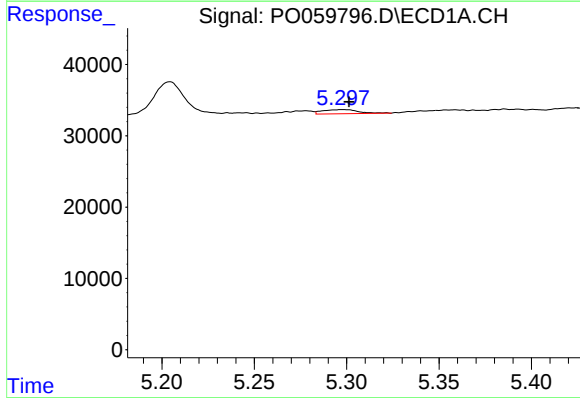
R.T.: 5.587 min
Delta R.T.: 0.019 min
Response: 4455
Conc: 7.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



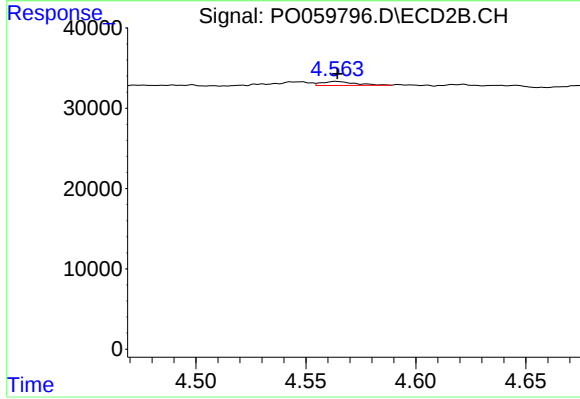
#15 AR-1232-5

R.T.: 4.985 min
Delta R.T.: -0.019 min
Response: 4704
Conc: 6.91 ng/ml



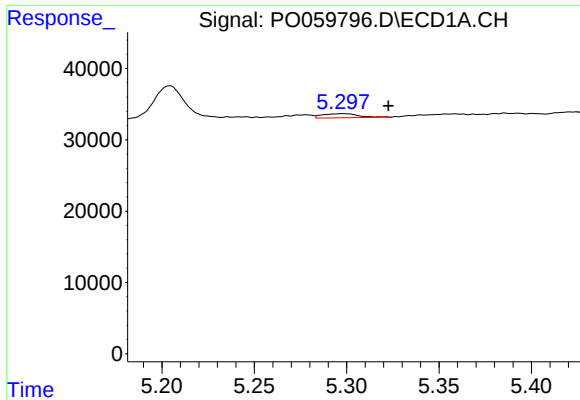
#16 AR-1242-1

R.T.: 5.298 min
Delta R.T.: -0.003 min
Response: 8028
Conc: 6.32 ng/ml



#16 AR-1242-1

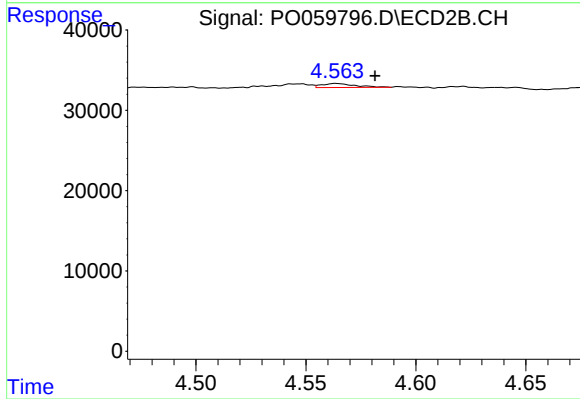
R.T.: 4.564 min
Delta R.T.: 0.000 min
Response: 5286
Conc: 5.14 ng/ml



#17 AR-1242-2

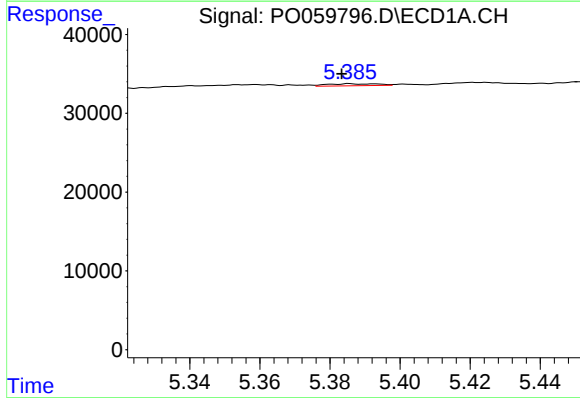
R.T.: 5.298 min
Delta R.T.: -0.025 min
Response: 8028
Conc: 4.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



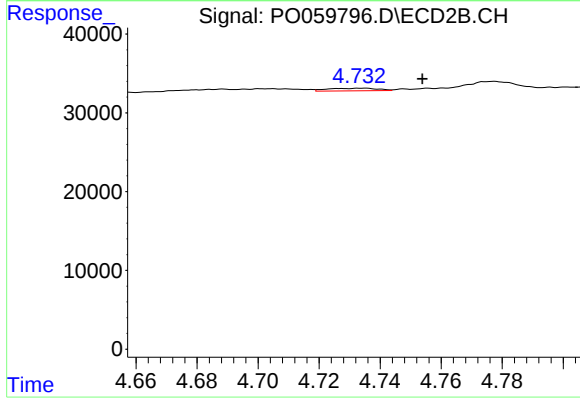
#17 AR-1242-2

R.T.: 4.564 min
Delta R.T.: -0.018 min
Response: 5286
Conc: 3.47 ng/ml



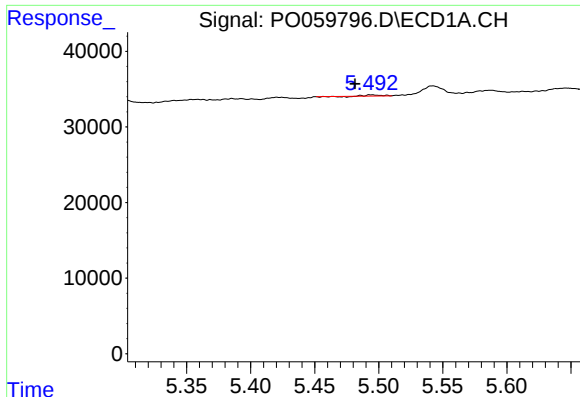
#18 AR-1242-3

R.T.: 5.386 min
Delta R.T.: 0.002 min
Response: 2539
Conc: 2.17 ng/ml



#18 AR-1242-3

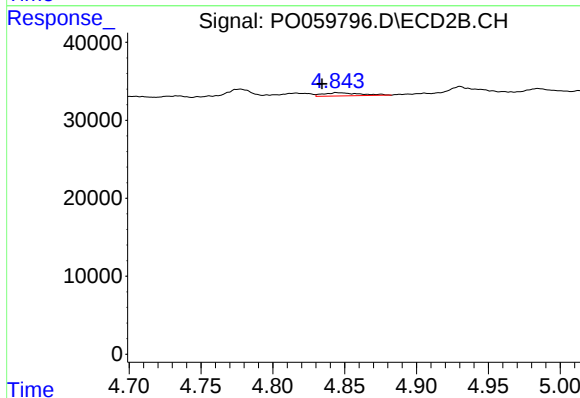
R.T.: 4.734 min
Delta R.T.: -0.020 min
Response: 3852
Conc: 4.61 ng/ml



#19 AR-1242-4

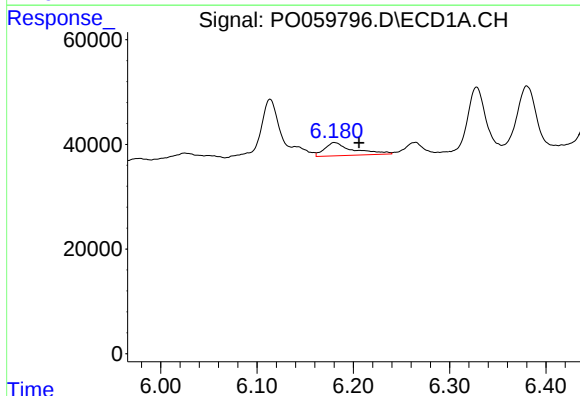
R.T.: 5.494 min
Delta R.T.: 0.013 min
Response: 926
Conc: 0.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



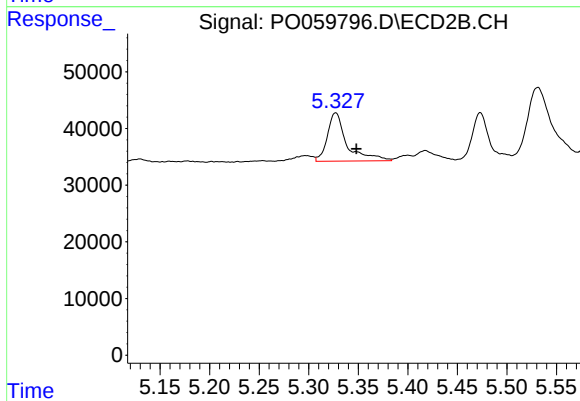
#19 AR-1242-4

R.T.: 4.845 min
Delta R.T.: 0.011 min
Response: 7328
Conc: 8.78 ng/ml



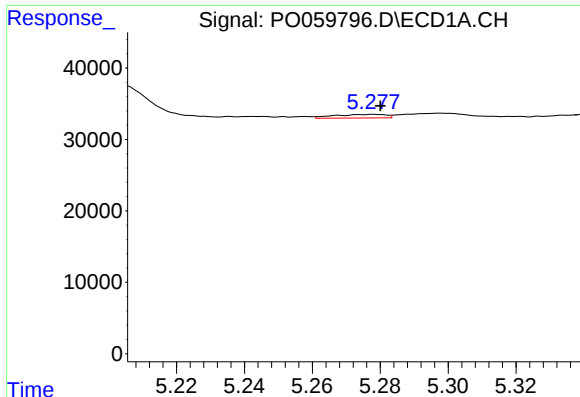
#20 AR-1242-5

R.T.: 6.181 min
Delta R.T.: -0.025 min
Response: 52013
Conc: 41.39 ng/ml



#20 AR-1242-5

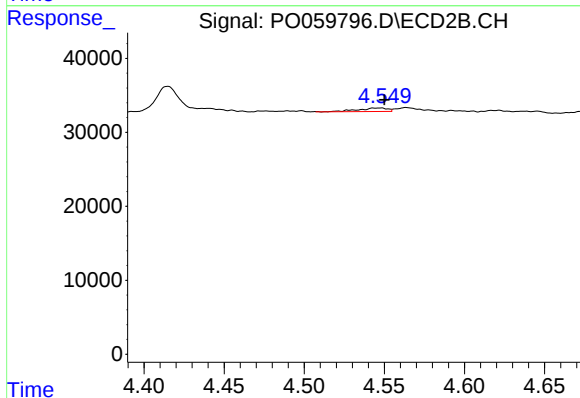
R.T.: 5.327 min
Delta R.T.: -0.021 min
Response: 117070
Conc: 104.66 ng/ml



#21 AR-1248-1

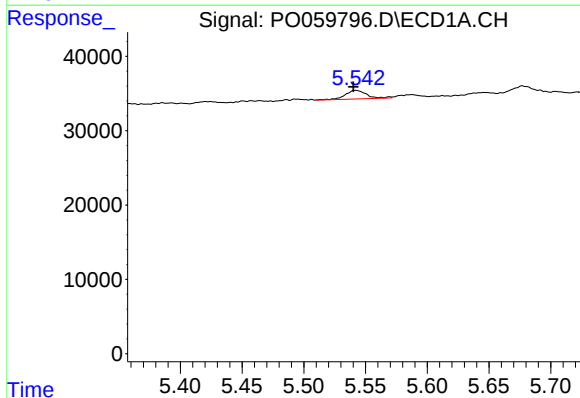
R.T.: 5.278 min
Delta R.T.: -0.002 min
Response: 5197
Conc: 5.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



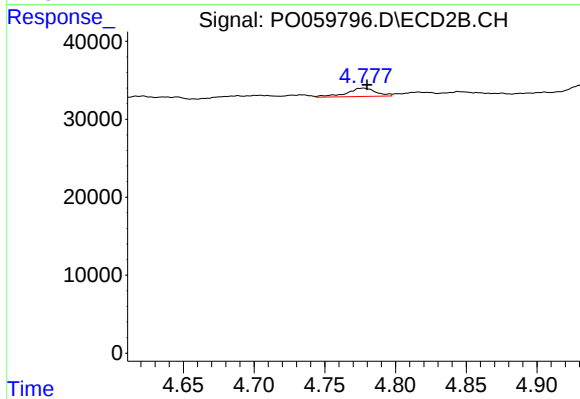
#21 AR-1248-1

R.T.: 4.547 min
Delta R.T.: -0.003 min
Response: 6024
Conc: 7.28 ng/ml



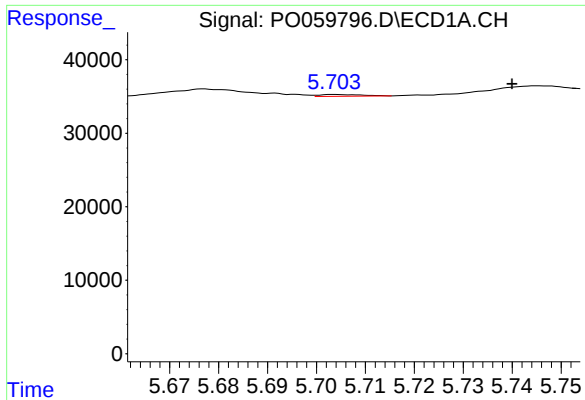
#22 AR-1248-2

R.T.: 5.542 min
Delta R.T.: 0.002 min
Response: 14182
Conc: 9.77 ng/ml



#22 AR-1248-2

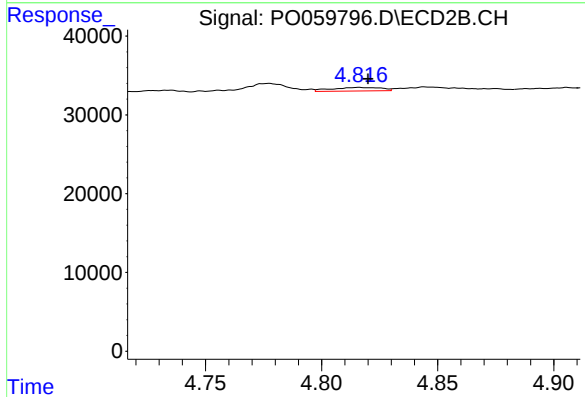
R.T.: 4.777 min
Delta R.T.: -0.003 min
Response: 15552
Conc: 13.49 ng/ml



#23 AR-1248-3

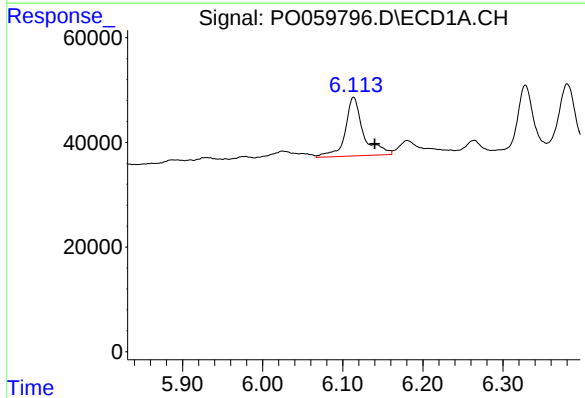
R.T.: 5.704 min
Delta R.T.: -0.036 min
Response: 1424
Conc: 0.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



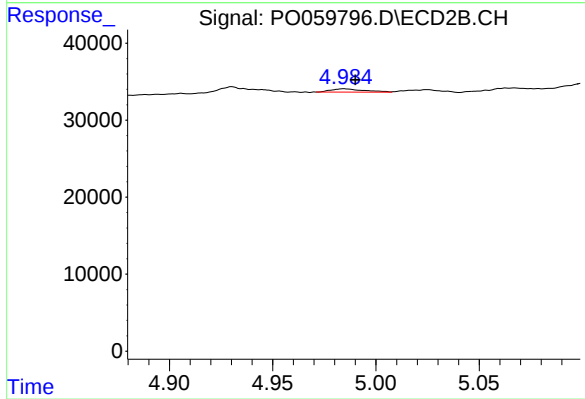
#23 AR-1248-3

R.T.: 4.816 min
Delta R.T.: -0.004 min
Response: 6762
Conc: 5.69 ng/ml



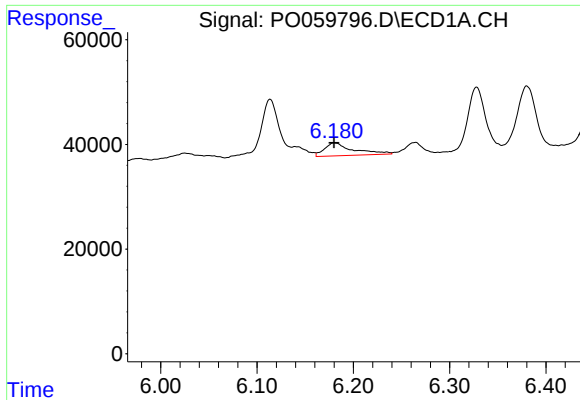
#24 AR-1248-4

R.T.: 6.114 min
Delta R.T.: -0.026 min
Response: 176938
Conc: 86.56 ng/ml



#24 AR-1248-4

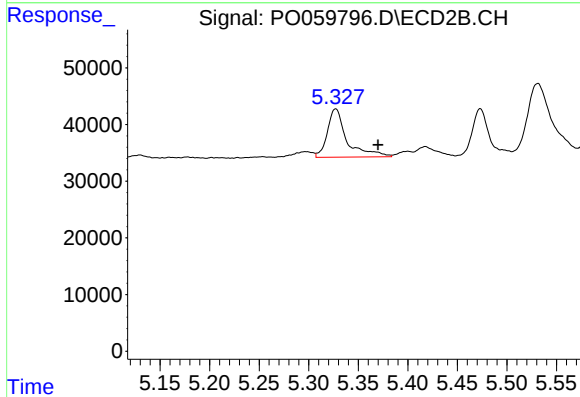
R.T.: 4.985 min
Delta R.T.: -0.005 min
Response: 4704
Conc: 3.24 ng/ml



#25 AR-1248-5

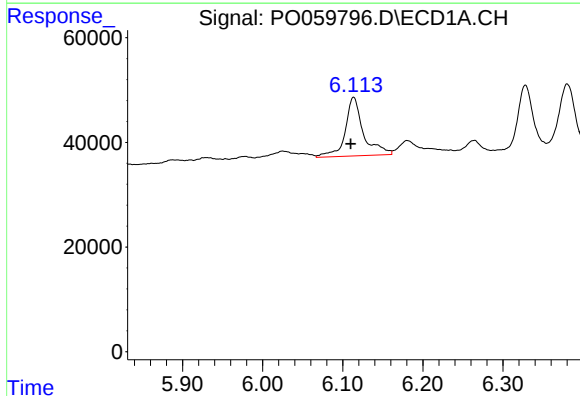
R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 52013
Conc: 26.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



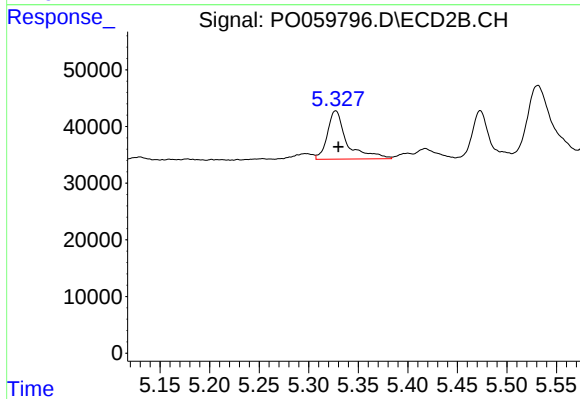
#25 AR-1248-5

R.T.: 5.327 min
Delta R.T.: -0.043 min
Response: 117070
Conc: 81.79 ng/ml



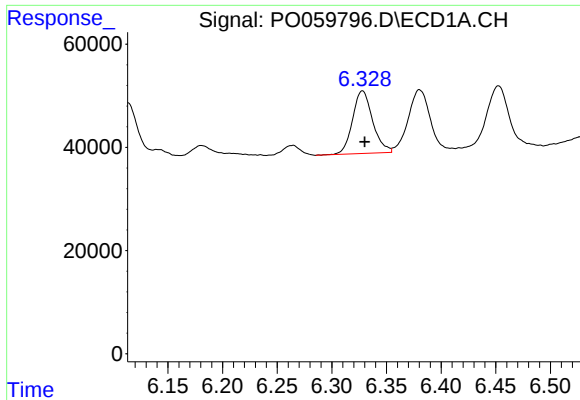
#26 AR-1254-1

R.T.: 6.114 min
Delta R.T.: 0.004 min
Response: 176938
Conc: 84.80 ng/ml



#26 AR-1254-1

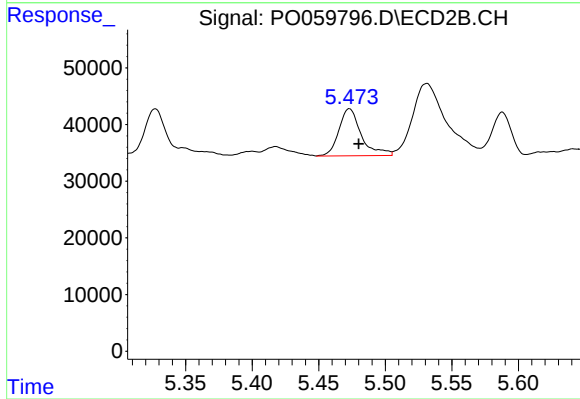
R.T.: 5.327 min
Delta R.T.: -0.003 min
Response: 117070
Conc: 49.36 ng/ml



#27 AR-1254-2

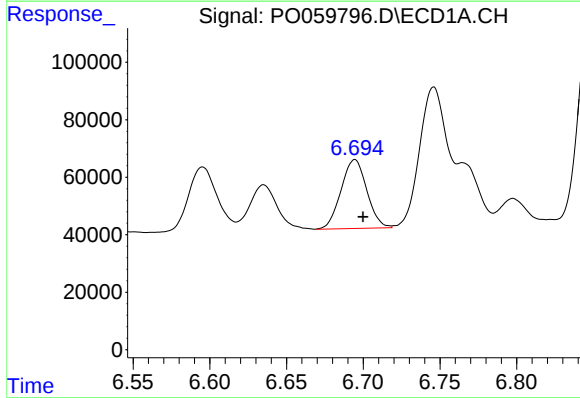
R.T.: 6.328 min
Delta R.T.: -0.002 min
Response: 155171
Conc: 46.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



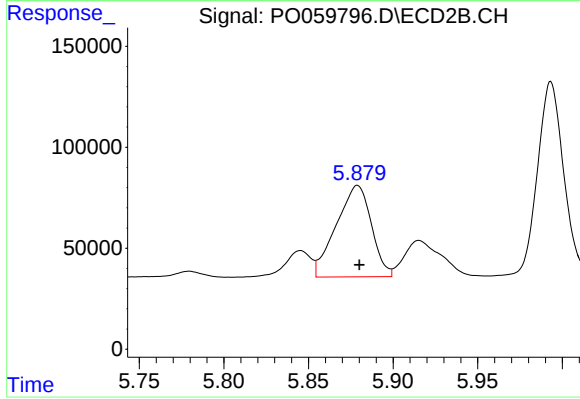
#27 AR-1254-2

R.T.: 5.473 min
Delta R.T.: -0.007 min
Response: 97128
Conc: 46.29 ng/ml



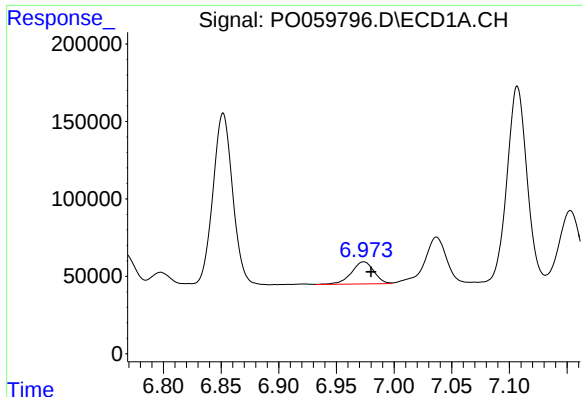
#28 AR-1254-3

R.T.: 6.694 min
Delta R.T.: -0.006 min
Response: 281619
Conc: 79.36 ng/ml



#28 AR-1254-3

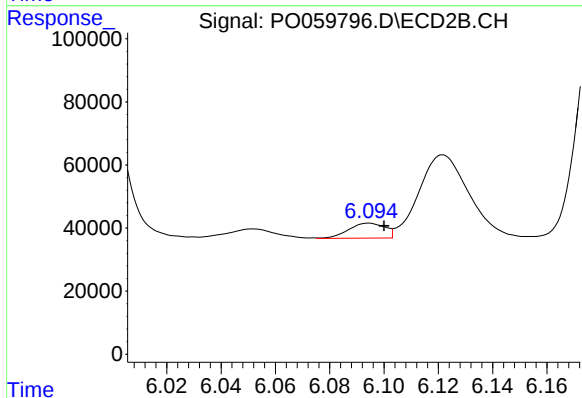
R.T.: 5.879 min
Delta R.T.: -0.001 min
Response: 654307
Conc: 194.59 ng/ml



#29 AR-1254-4

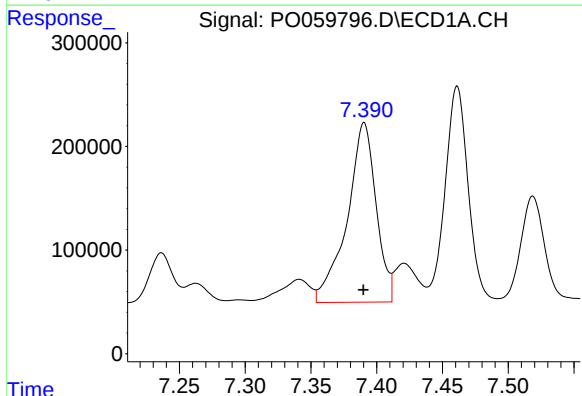
R.T.: 6.974 min
Delta R.T.: -0.006 min
Response: 194848
Conc: 66.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



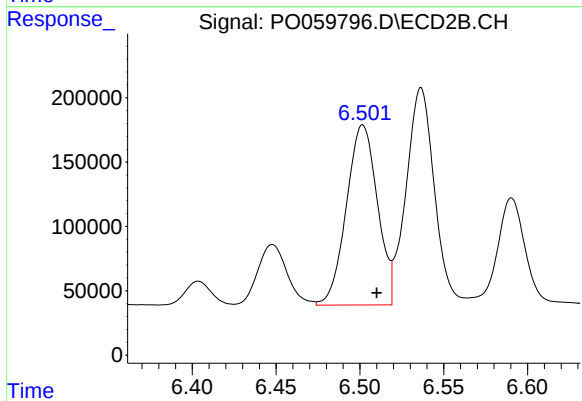
#29 AR-1254-4

R.T.: 6.094 min
Delta R.T.: -0.006 min
Response: 44207
Conc: 21.44 ng/ml



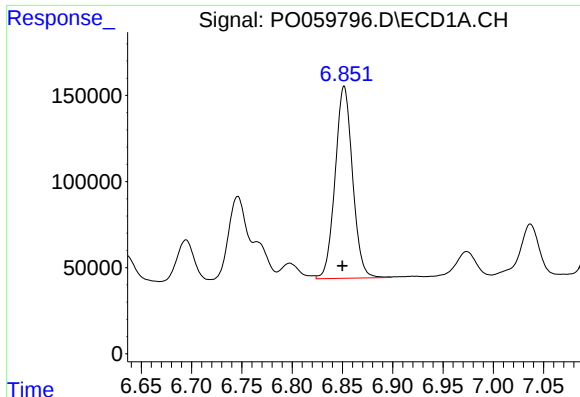
#30 AR-1254-5

R.T.: 7.390 min
Delta R.T.: 0.000 min
Response: 2658336
Conc: 859.64 ng/ml



#30 AR-1254-5

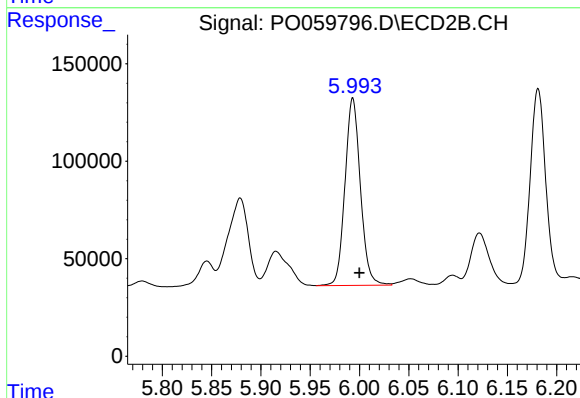
R.T.: 6.502 min
Delta R.T.: -0.008 min
Response: 1802403
Conc: 580.49 ng/ml



#31 AR-1260-1

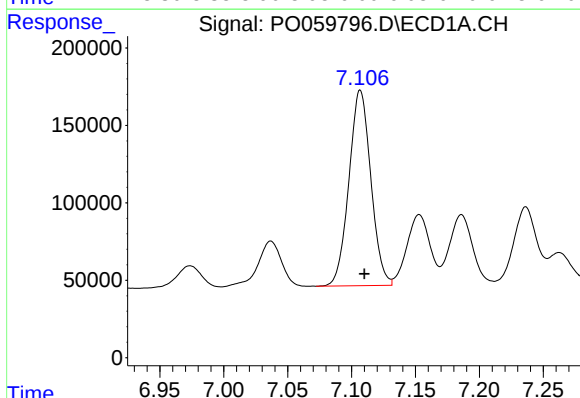
R.T.: 6.852 min
Delta R.T.: 0.002 min
Response: 1345460
Conc: 499.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



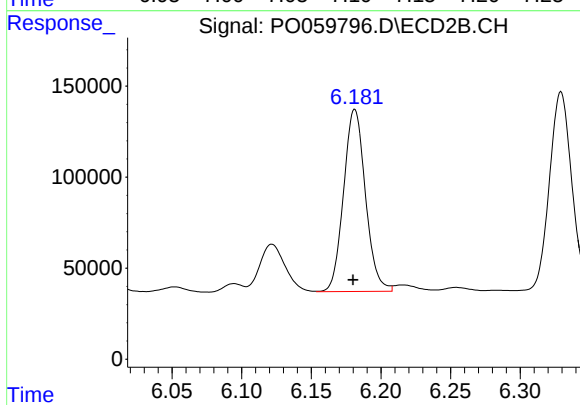
#31 AR-1260-1

R.T.: 5.993 min
Delta R.T.: -0.007 min
Response: 1044686
Conc: 458.42 ng/ml



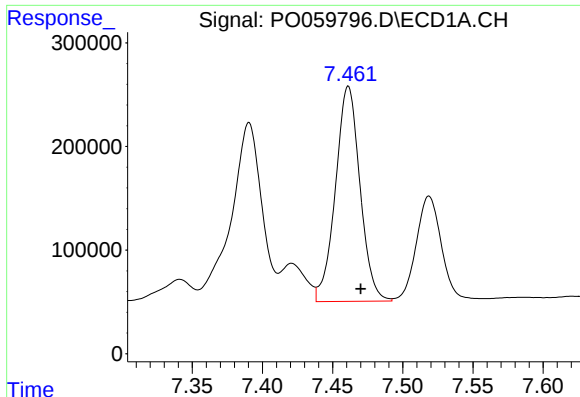
#32 AR-1260-2

R.T.: 7.107 min
Delta R.T.: -0.003 min
Response: 1507515
Conc: 406.29 ng/ml



#32 AR-1260-2

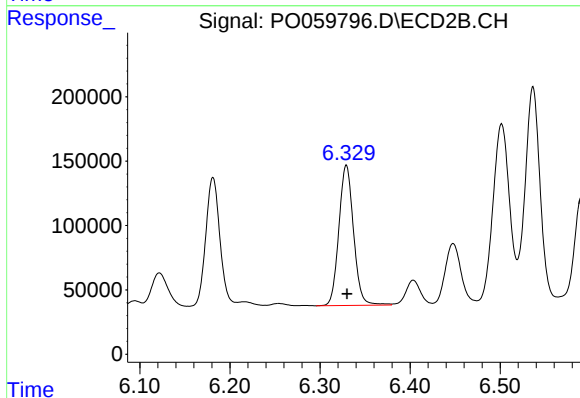
R.T.: 6.181 min
Delta R.T.: 0.001 min
Response: 1095272
Conc: 373.83 ng/ml



#33 AR-1260-3

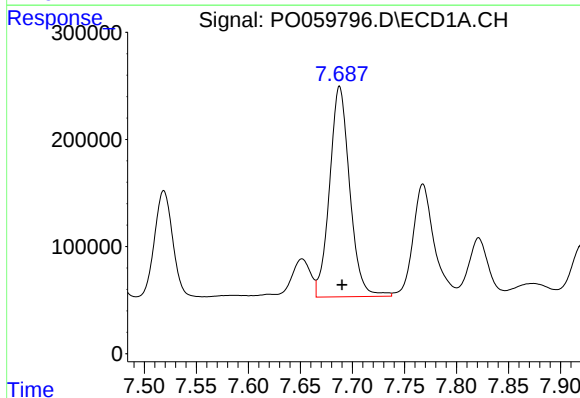
R.T.: 7.461 min
Delta R.T.: -0.009 min
Response: 2529634
Conc: 772.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



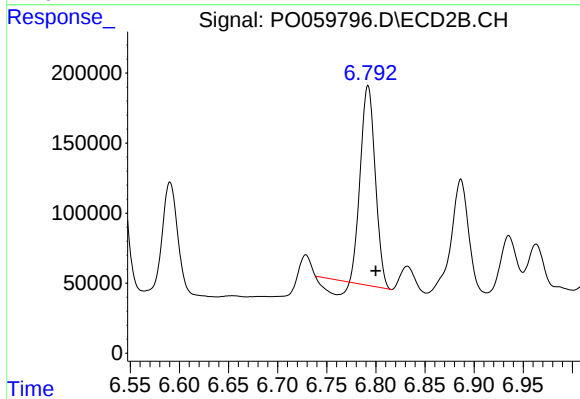
#33 AR-1260-3

R.T.: 6.329 min
Delta R.T.: 0.000 min
Response: 1234648
Conc: 466.06 ng/ml



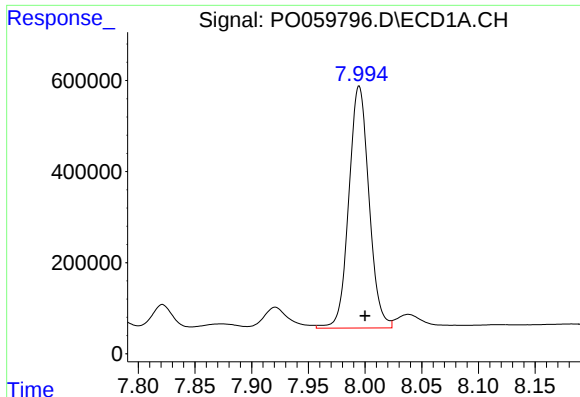
#34 AR-1260-4

R.T.: 7.688 min
Delta R.T.: -0.002 min
Response: 2646424
Conc: 861.66 ng/ml



#34 AR-1260-4

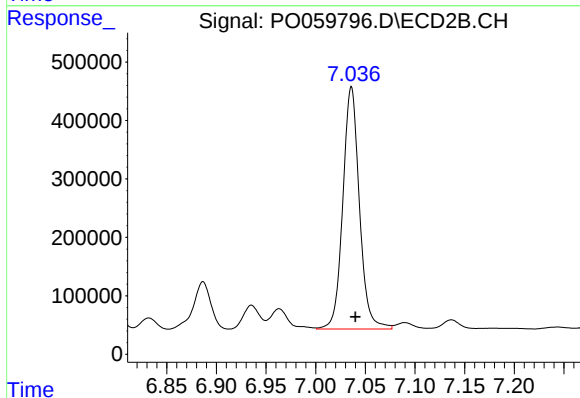
R.T.: 6.792 min
Delta R.T.: -0.008 min
Response: 1402495
Conc: 619.87 ng/ml



#35 AR-1260-5

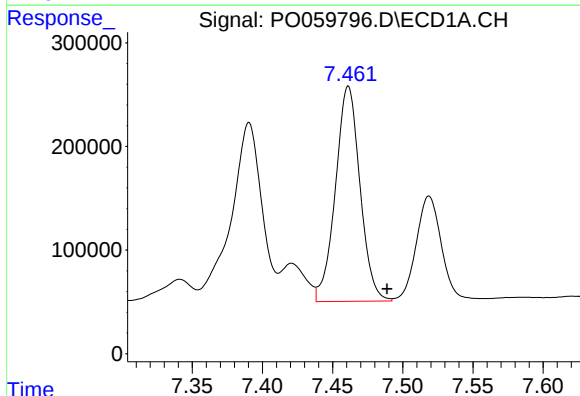
R.T.: 7.995 min
Delta R.T.: -0.005 min
Response: 6574435
Conc: 928.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



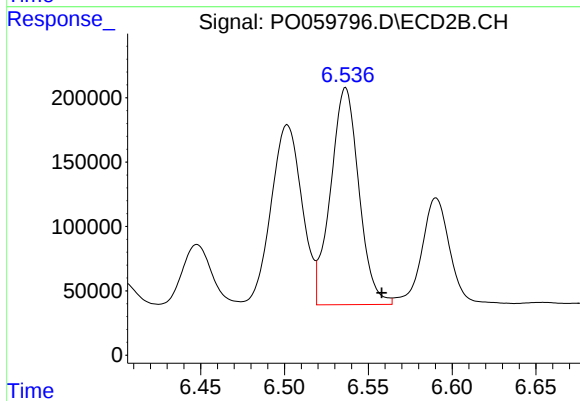
#35 AR-1260-5

R.T.: 7.036 min
Delta R.T.: -0.004 min
Response: 4826801
Conc: 877.07 ng/ml



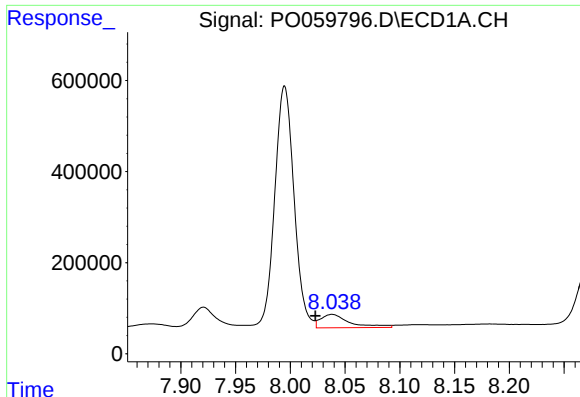
#36 AR-1262-1

R.T.: 7.461 min
Delta R.T.: -0.028 min
Response: 2529634
Conc: 521.26 ng/ml



#36 AR-1262-1

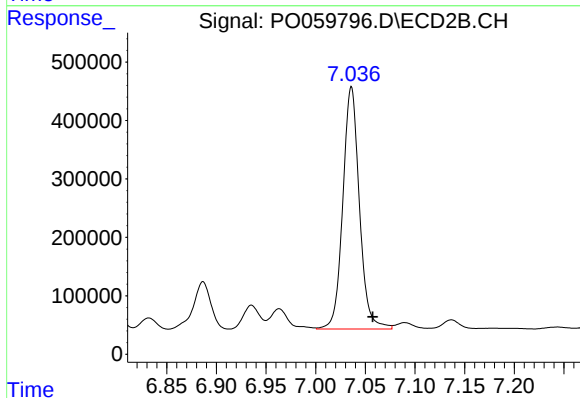
R.T.: 6.536 min
Delta R.T.: -0.022 min
Response: 1977675
Conc: 530.56 ng/ml



#37 AR-1262-2

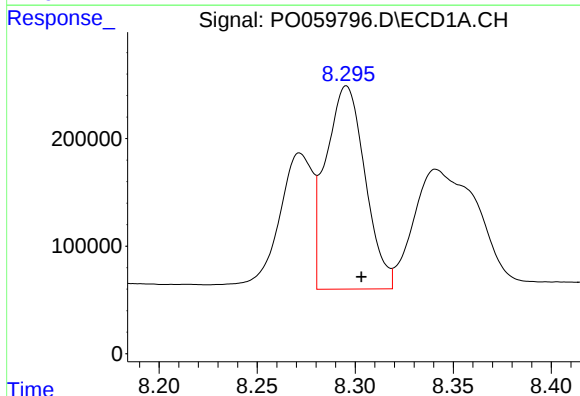
R.T.: 8.038 min
Delta R.T.: 0.015 min
Response: 545217
Conc: 70.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



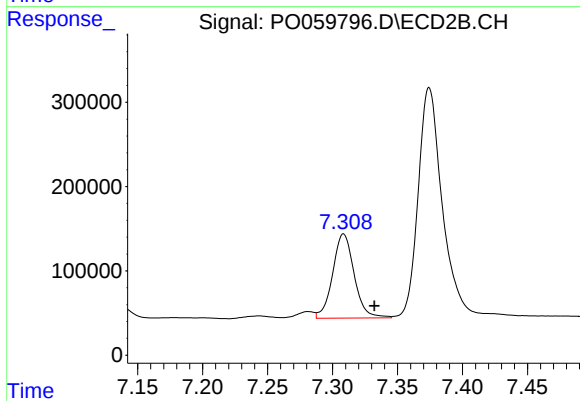
#37 AR-1262-2

R.T.: 7.036 min
Delta R.T.: -0.021 min
Response: 4826801
Conc: 821.02 ng/ml



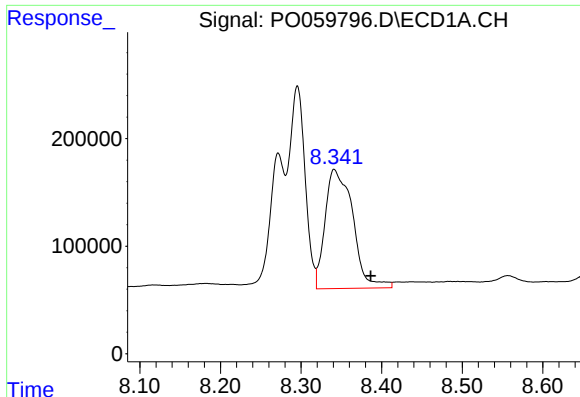
#38 AR-1262-3

R.T.: 8.295 min
Delta R.T.: -0.008 min
Response: 2632004
Conc: 515.85 ng/ml



#38 AR-1262-3

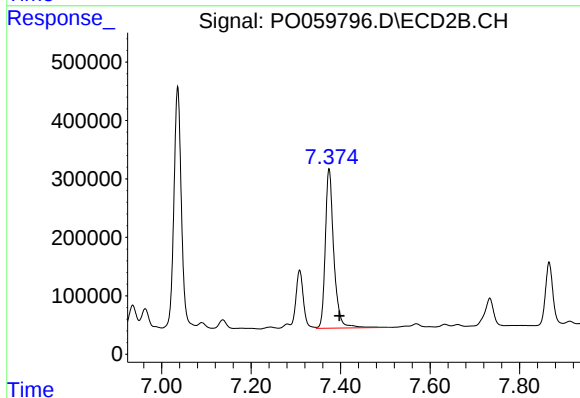
R.T.: 7.308 min
Delta R.T.: -0.024 min
Response: 1151823
Conc: 453.30 ng/ml



#39 AR-1262-4

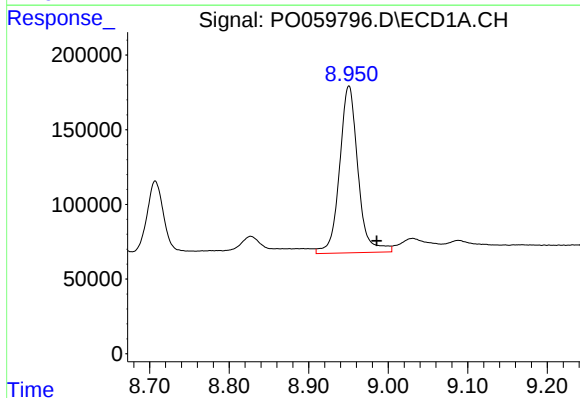
R.T.: 8.342 min
Delta R.T.: -0.045 min
Response: 2637268
Conc: 684.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



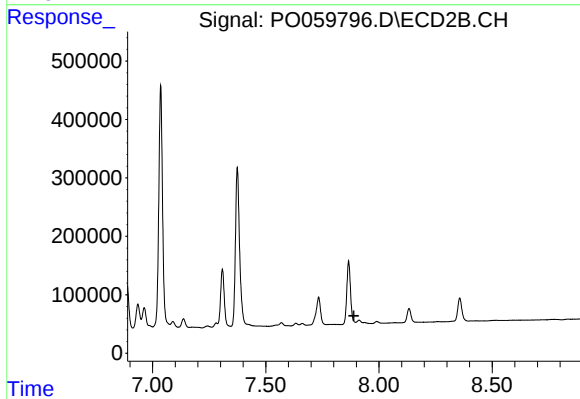
#39 AR-1262-4

R.T.: 7.374 min
Delta R.T.: -0.023 min
Response: 3608164
Conc: 816.52 ng/ml



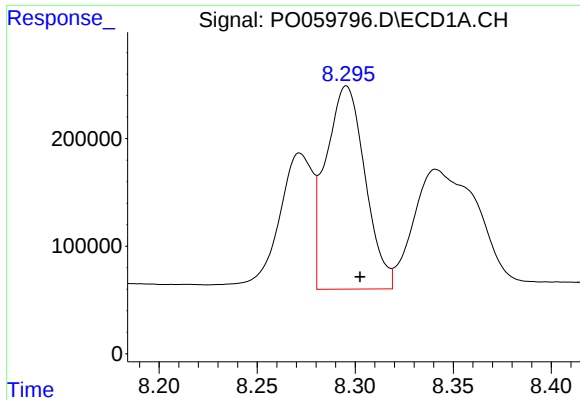
#40 AR-1262-5

R.T.: 8.951 min
Delta R.T.: -0.035 min
Response: 1797814
Conc: 700.48 ng/ml



#40 AR-1262-5

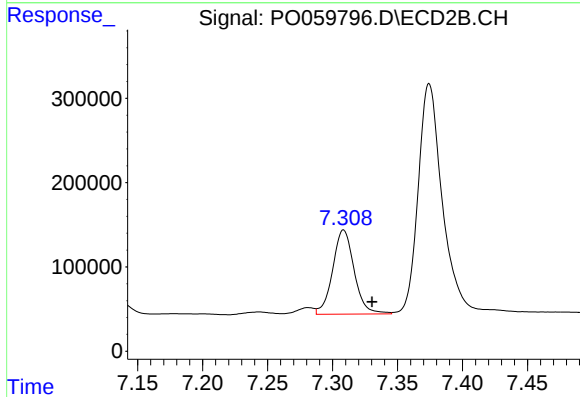
R.T.: 7.912 min
Delta R.T.: 0.023 min
Response: -211976
Conc: N.D.



#41 AR-1268-1

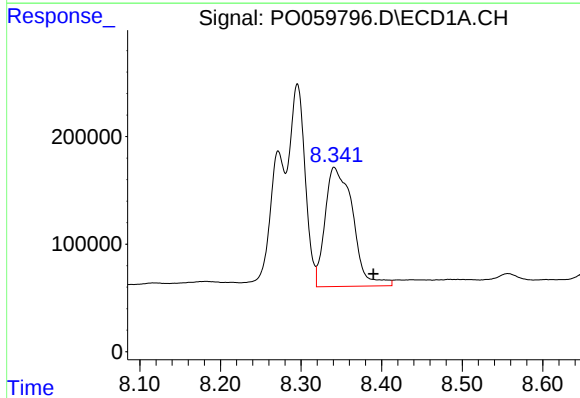
R.T.: 8.295 min
Delta R.T.: -0.007 min
Response: 2632004
Conc: 279.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



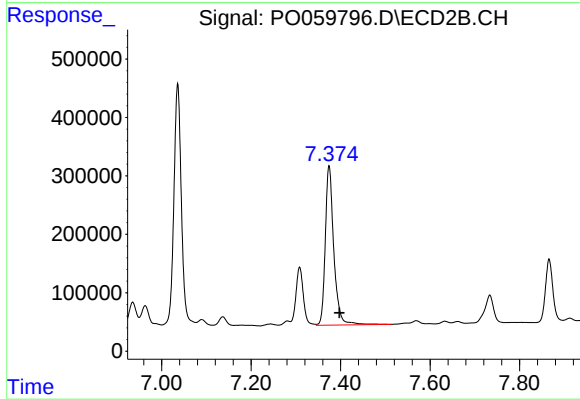
#41 AR-1268-1

R.T.: 7.308 min
Delta R.T.: -0.022 min
Response: 1151823
Conc: 161.75 ng/ml



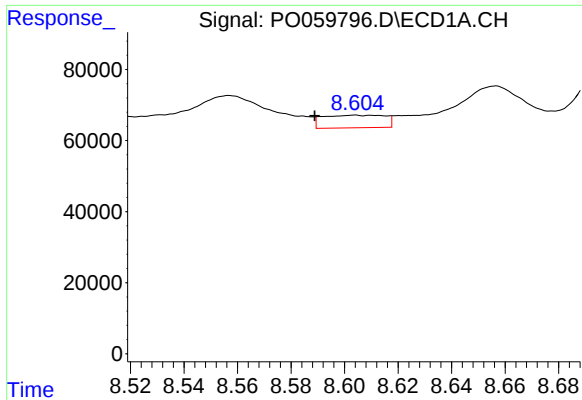
#42 AR-1268-2

R.T.: 8.342 min
Delta R.T.: -0.048 min
Response: 2637268
Conc: 334.56 ng/ml



#42 AR-1268-2

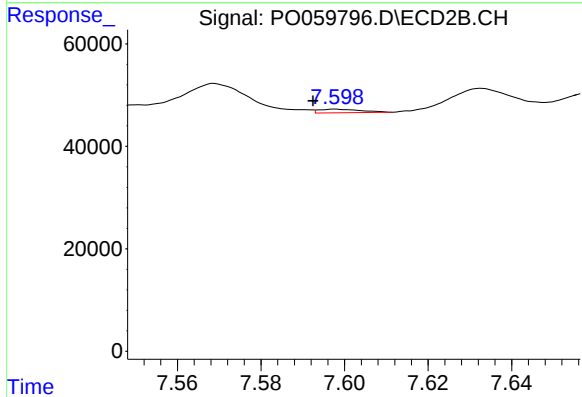
R.T.: 7.374 min
Delta R.T.: -0.023 min
Response: 3608164
Conc: 559.58 ng/ml



#43 AR-1268-3

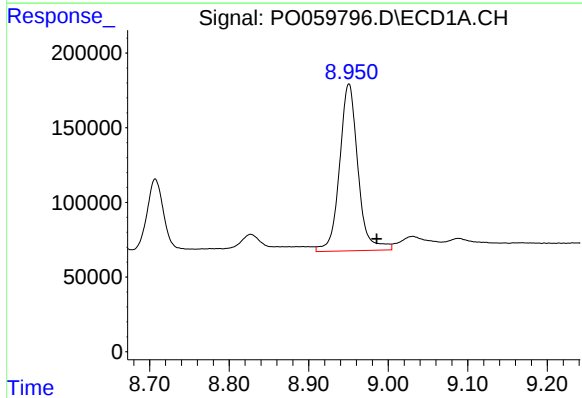
R.T.: 8.605 min
Delta R.T.: 0.016 min
Response: 57158
Conc: 8.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



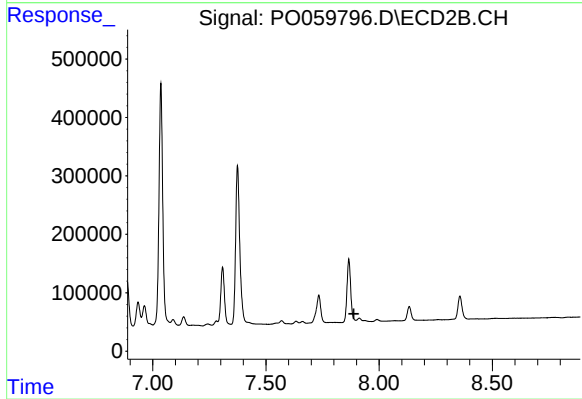
#43 AR-1268-3

R.T.: 7.598 min
Delta R.T.: 0.005 min
Response: 4756
Conc: 0.87 ng/ml



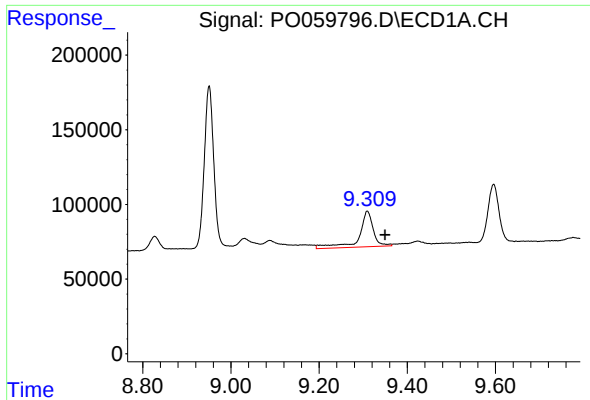
#44 AR-1268-4

R.T.: 8.951 min
Delta R.T.: -0.035 min
Response: 1797814
Conc: 646.69 ng/ml



#44 AR-1268-4

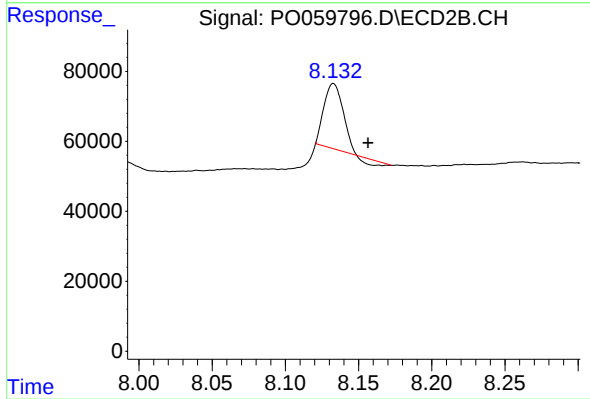
R.T.: 7.912 min
Delta R.T.: 0.024 min
Response: -211976
Conc: N.D.



#45 AR-1268-5

R.T.: 9.310 min
Delta R.T.: -0.040 min
Response: 536003
Conc: 29.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.133 min
Delta R.T.: -0.024 min
Response: 157191
Conc: 10.82 ng/ml