

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082319\
 Data File : P0059756.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 23 Aug 2019 18:23
 Operator : SM/AJ
 Sample : K4477-01MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 22:25:06 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\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...	4.124	3.498	984603	901414	28.121	25.042
2)	SA Decachlor...	9.598	8.358	994680	800388	18.697	19.850
Target Compounds							
3)	L1 AR-1016-1	5.275	4.548	353962	351876	220.692	260.275
4)	L1 AR-1016-2	5.295	4.565	593879	520732	248.226	259.975
5)	L1 AR-1016-3	5.356	4.737	406728	280188	273.059	258.988
6)	L1 AR-1016-4	5.455	4.778	330076	225189	272.846	249.381
7)	L1 AR-1016-5	5.742	4.986	347040	252164	270.252	218.906
8)	L2 AR-1221-1	4.332	3.702	39523	35088	93.332	87.416
9)	L2 AR-1221-2	4.463	3.787	92	46174	0.284	151.575 #
10)	L2 AR-1221-3	4.497	3.860	225565	178362	214.443	182.290
11)	L3 AR-1232-1	4.497	3.860	225565	178362	180.968	156.440
12)	L3 AR-1232-2	5.052	4.595	1819	46033	2.575	36.145 #
13)	L3 AR-1232-3	5.295	4.737	593879	280188	387.810	411.490
14)	L3 AR-1232-4	5.455	4.847	330076	95931	422.157	157.249 #
15)	L3 AR-1232-5	5.584	4.986	313671	252164	521.802	370.429 #
16)	L4 AR-1242-1	5.295	4.565	593879	520732	467.799	506.223
17)	L4 AR-1242-2	5.295	4.595	593879	46033	320.038	30.223 #
18)	L4 AR-1242-3	5.356	4.737	406728	280188	347.976	335.353
19)	L4 AR-1242-4	5.455	4.847	330076	95931	341.031	114.972 #
20)	L4 AR-1242-5	6.178	5.328	49317	231660	39.247	207.098 #
21)	L5 AR-1248-1	5.275	4.548	353962	351876	353.060	424.959
22)	L5 AR-1248-2	5.541	4.778	298591	225189	205.796	195.286
23)	L5 AR-1248-3	5.742	4.818	347040	271094	208.803	228.242
24)	L5 AR-1248-4	6.141	4.986	55951	252164	27.372	173.537 #
25)	L5 AR-1248-5	6.178	5.370	49317	33981	24.869	23.742
26)	L6 AR-1254-1	6.112	5.328	277589	231660	133.046	97.673 #
27)	L6 AR-1254-2	6.326	5.474	309113	222701	92.653	106.134
28)	L6 AR-1254-3	6.692	5.880	162324	397974	45.745	118.356 #
29)	L6 AR-1254-4	6.974	6.096	118473	35270	40.221	17.106 #
30)	L6 AR-1254-5	7.391	6.504	977574	712475	316.122	229.462 #
31)	L7 AR-1260-1	6.851	5.994	722693	555406	268.079	243.716
32)	L7 AR-1260-2	7.106	6.182	855707	672815	230.619	229.639
33)	L7 AR-1260-3	7.461	6.331	618111	608285	188.659	229.616
34)	L7 AR-1260-4	7.688	6.793	645866	445799	210.289	197.031
35)	L7 AR-1260-5	7.996	7.036	1322562	1043191	186.779	189.557
36)	L8 AR-1262-1	7.461	6.537	618111	544011	127.369	145.943
37)	L8 AR-1262-2	8.040	7.036	187532	1043191	24.305	177.442 #
38)	L8 AR-1262-3	8.297	7.310	569518	224866	111.620	88.496
39)	L8 AR-1262-4	8.342	7.376	609406	723651	158.093	163.761
40)	L8 AR-1262-5	8.952	7.913	452406	-49393	176.269	N.D. #
41)	L9 AR-1268-1	8.297	7.310	569518	224866	60.518	31.578 #

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 ALS Vial : 34 Sample Multiplier: 1

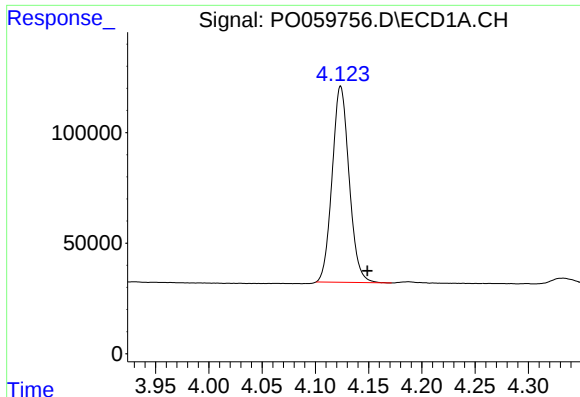
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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	8.432	7.376	80880	723651	10.260	112.229 #
43) L9	AR-1268-3	8.609	7.598	79804	1315	11.322	0.240 #
44) L9	AR-1268-4	8.952	7.913	452406	-49393	162.733	N.D. #
45) L9	AR-1268-5	9.366	8.134	15479	45222	0.839	3.112 #

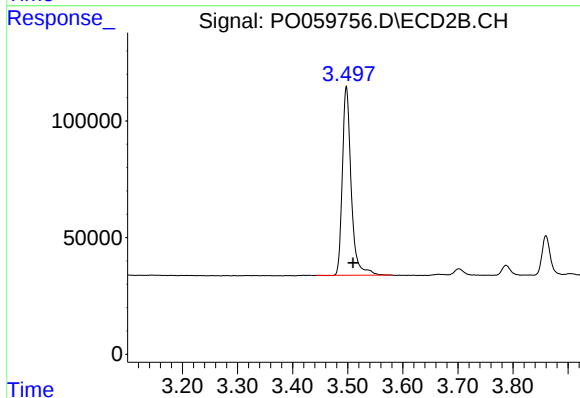
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

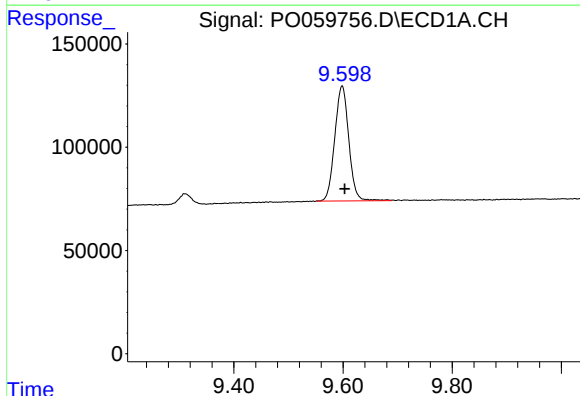
R.T.: 4.124 min
Delta R.T.: -0.025 min
Response: 984603
Conc: 28.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



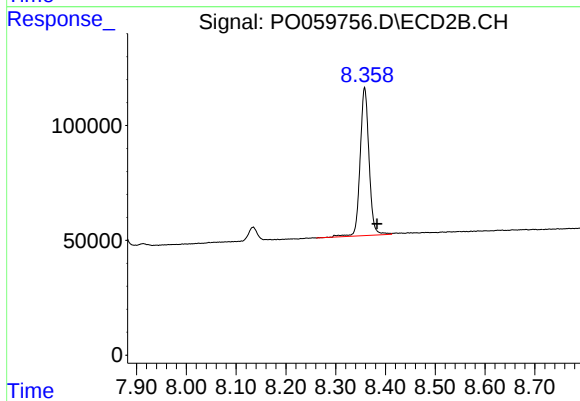
#1 Tetrachloro-m-xylene

R.T.: 3.498 min
Delta R.T.: -0.012 min
Response: 901414
Conc: 25.04 ng/ml



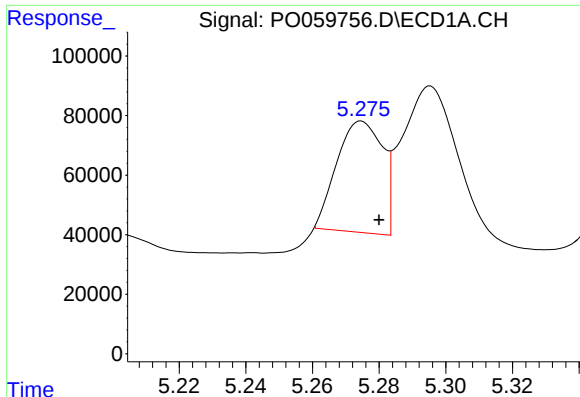
#2 Decachlorobiphenyl

R.T.: 9.598 min
Delta R.T.: -0.005 min
Response: 994680
Conc: 18.70 ng/ml



#2 Decachlorobiphenyl

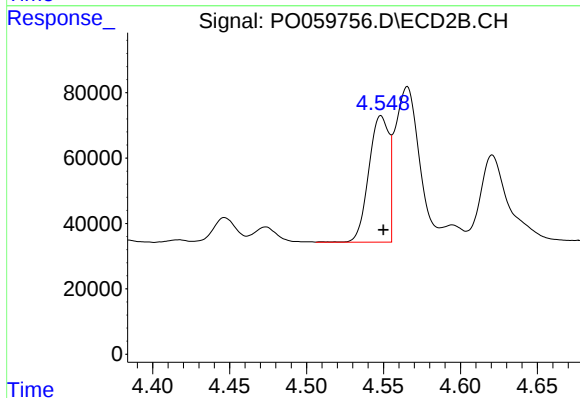
R.T.: 8.358 min
Delta R.T.: -0.025 min
Response: 800388
Conc: 19.85 ng/ml



#3 AR-1016-1

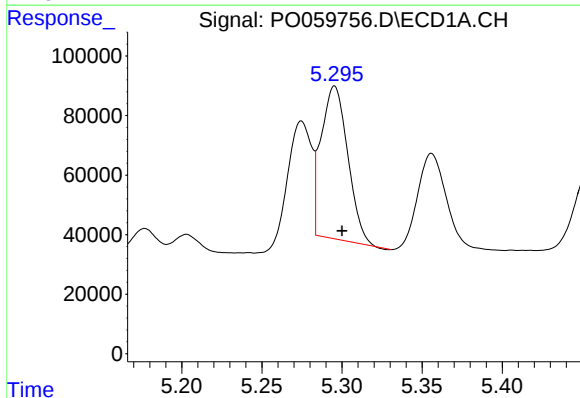
R.T.: 5.275 min
Delta R.T.: -0.005 min
Response: 353962
Conc: 220.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



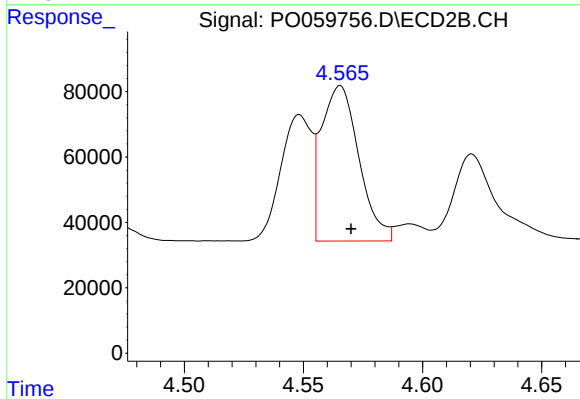
#3 AR-1016-1

R.T.: 4.548 min
Delta R.T.: -0.002 min
Response: 351876
Conc: 260.27 ng/ml



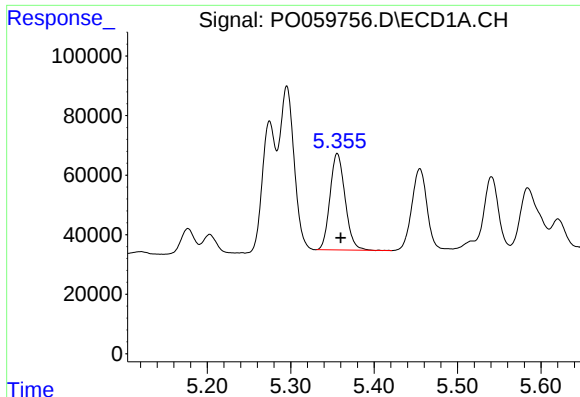
#4 AR-1016-2

R.T.: 5.295 min
Delta R.T.: -0.005 min
Response: 593879
Conc: 248.23 ng/ml



#4 AR-1016-2

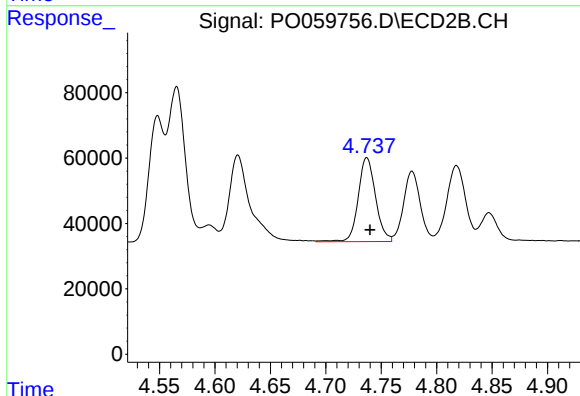
R.T.: 4.565 min
Delta R.T.: -0.005 min
Response: 520732
Conc: 259.97 ng/ml



#5 AR-1016-3

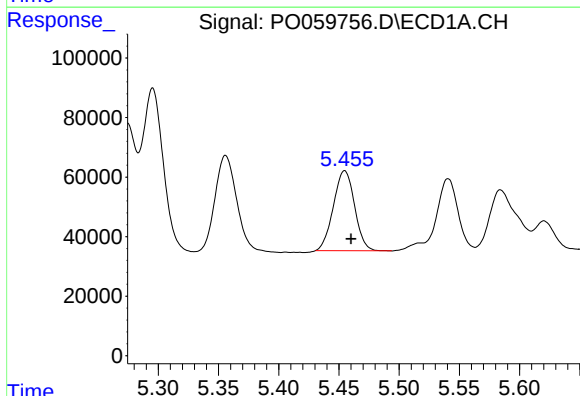
R.T.: 5.356 min
Delta R.T.: -0.004 min
Response: 406728
Conc: 273.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



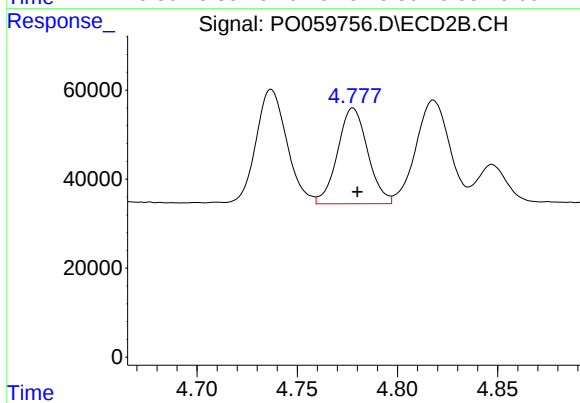
#5 AR-1016-3

R.T.: 4.737 min
Delta R.T.: -0.003 min
Response: 280188
Conc: 258.99 ng/ml



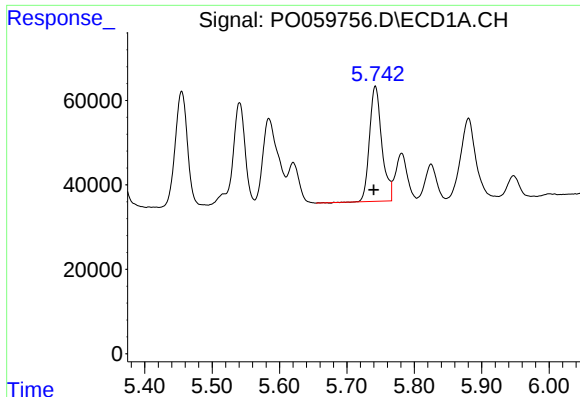
#6 AR-1016-4

R.T.: 5.455 min
Delta R.T.: -0.005 min
Response: 330076
Conc: 272.85 ng/ml



#6 AR-1016-4

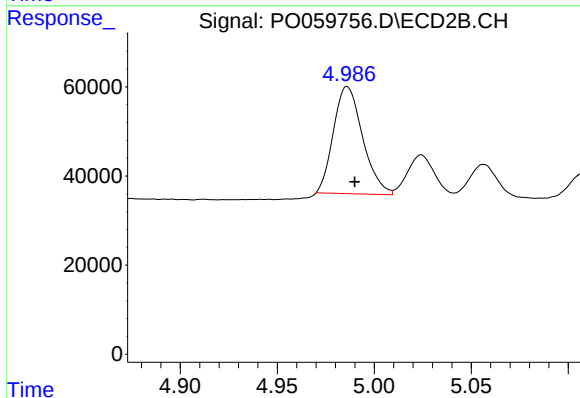
R.T.: 4.778 min
Delta R.T.: -0.002 min
Response: 225189
Conc: 249.38 ng/ml



#7 AR-1016-5

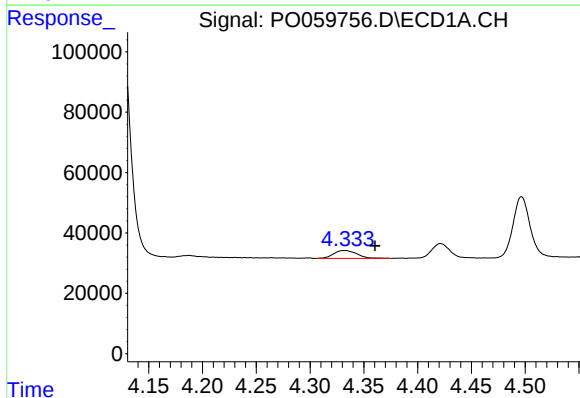
R.T.: 5.742 min
Delta R.T.: 0.002 min
Response: 347040
Conc: 270.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



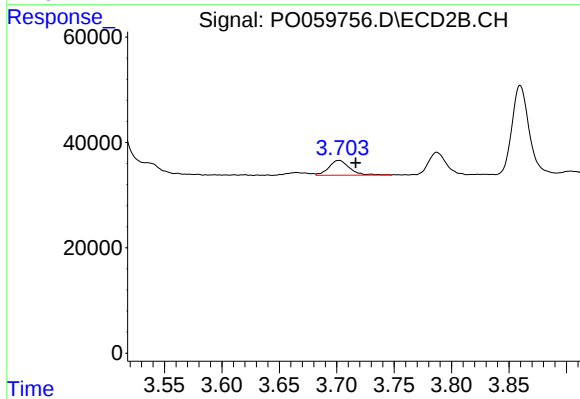
#7 AR-1016-5

R.T.: 4.986 min
Delta R.T.: -0.004 min
Response: 252164
Conc: 218.91 ng/ml



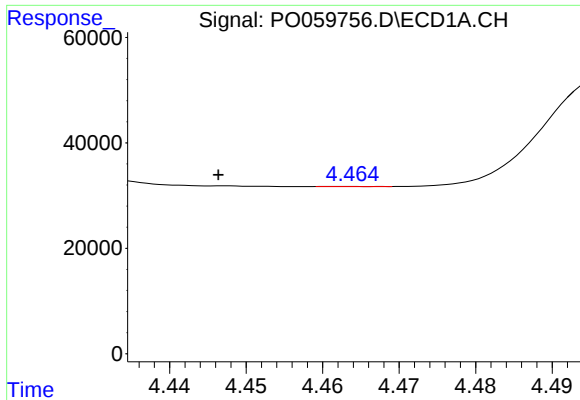
#8 AR-1221-1

R.T.: 4.332 min
Delta R.T.: -0.028 min
Response: 39523
Conc: 93.33 ng/ml



#8 AR-1221-1

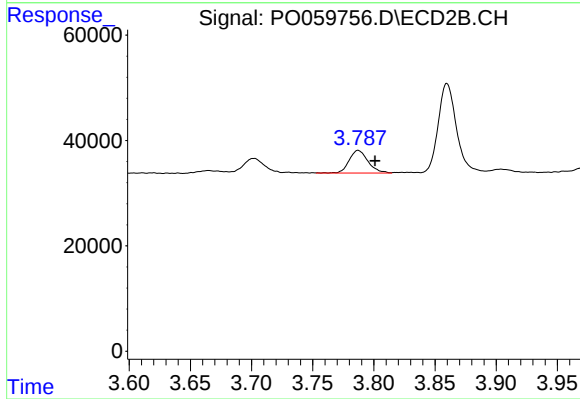
R.T.: 3.702 min
Delta R.T.: -0.015 min
Response: 35088
Conc: 87.42 ng/ml



#9 AR-1221-2

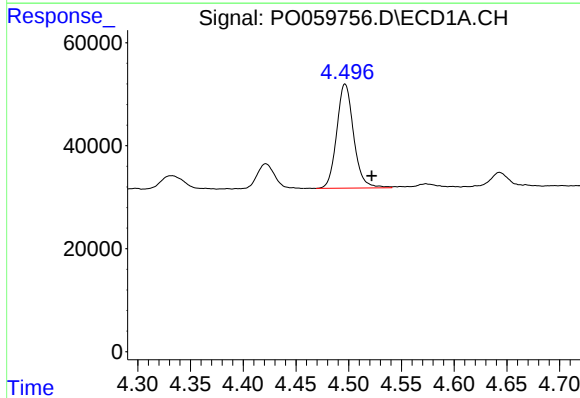
R.T.: 4.463 min
Delta R.T.: 0.017 min
Response: 92
Conc: 0.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



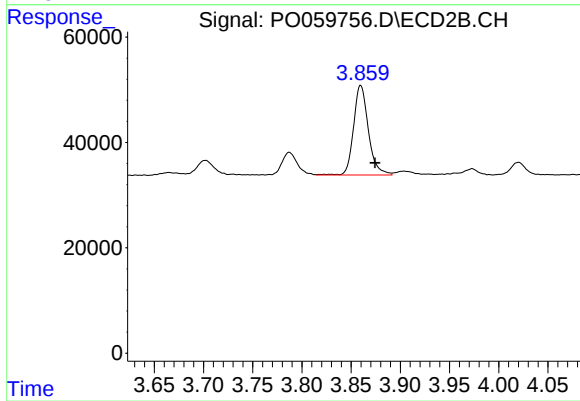
#9 AR-1221-2

R.T.: 3.787 min
Delta R.T.: -0.014 min
Response: 46174
Conc: 151.58 ng/ml



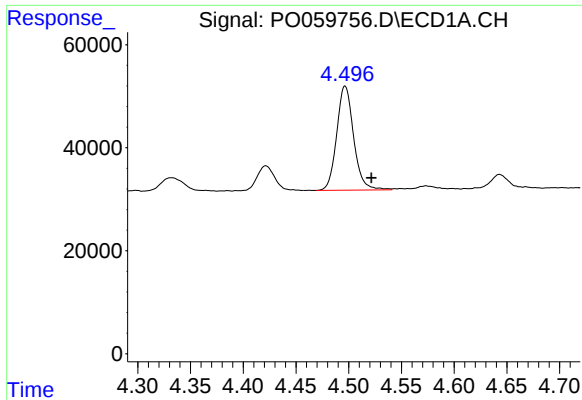
#10 AR-1221-3

R.T.: 4.497 min
Delta R.T.: -0.025 min
Response: 225565
Conc: 214.44 ng/ml



#10 AR-1221-3

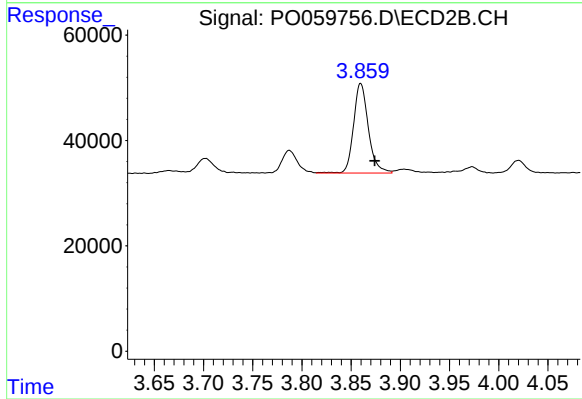
R.T.: 3.860 min
Delta R.T.: -0.014 min
Response: 178362
Conc: 182.29 ng/ml



#11 AR-1232-1

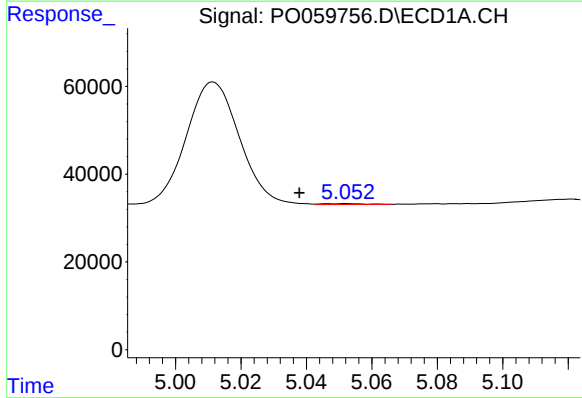
R.T.: 4.497 min
Delta R.T.: -0.025 min
Response: 225565
Conc: 180.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



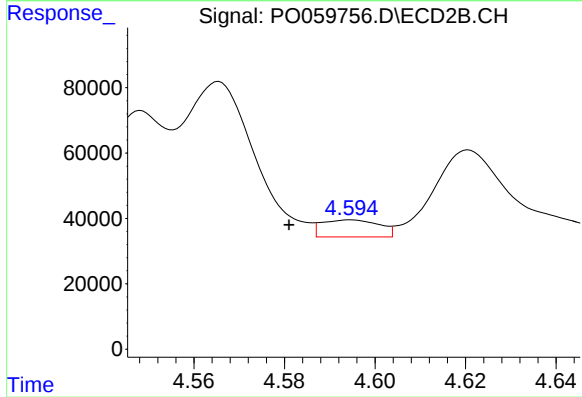
#11 AR-1232-1

R.T.: 3.860 min
Delta R.T.: -0.014 min
Response: 178362
Conc: 156.44 ng/ml



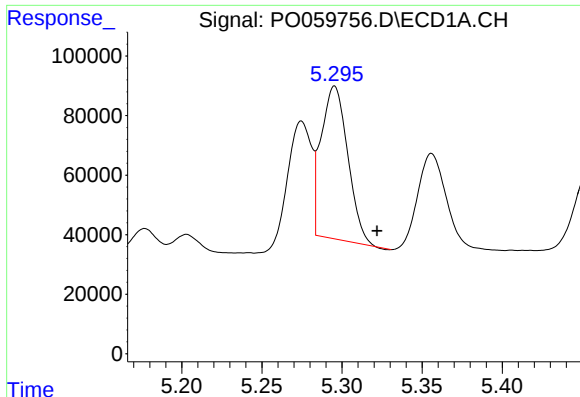
#12 AR-1232-2

R.T.: 5.052 min
Delta R.T.: 0.014 min
Response: 1819
Conc: 2.58 ng/ml



#12 AR-1232-2

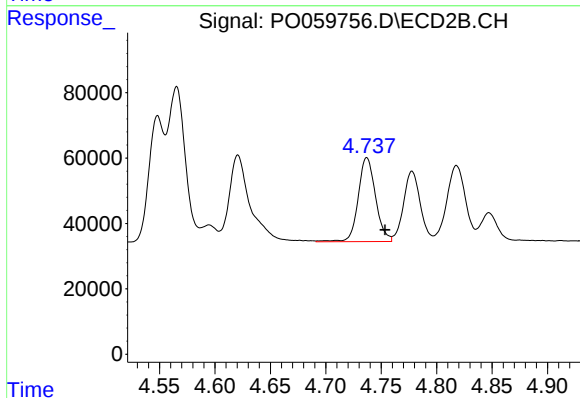
R.T.: 4.595 min
Delta R.T.: 0.014 min
Response: 46033
Conc: 36.14 ng/ml



#13 AR-1232-3

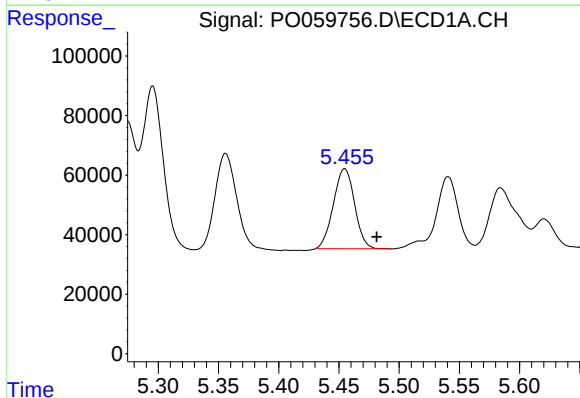
R.T.: 5.295 min
Delta R.T.: -0.026 min
Response: 593879
Conc: 387.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



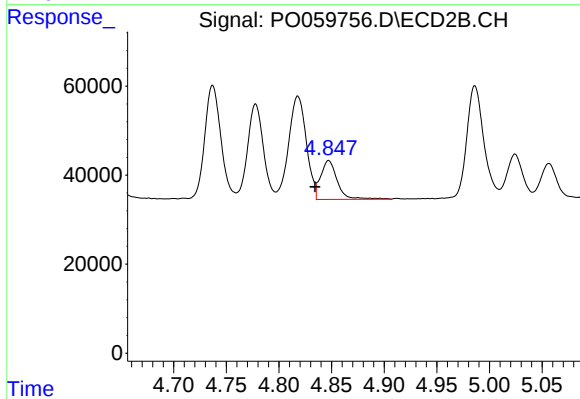
#13 AR-1232-3

R.T.: 4.737 min
Delta R.T.: -0.016 min
Response: 280188
Conc: 411.49 ng/ml



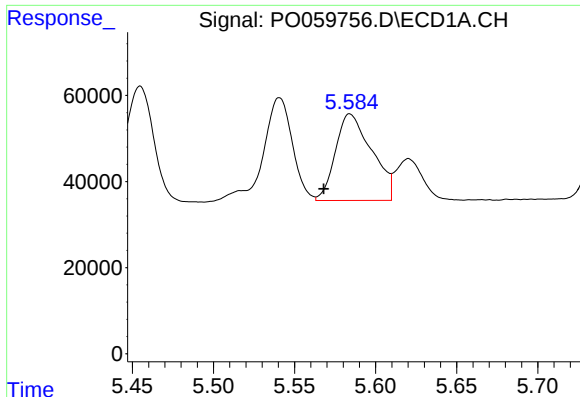
#14 AR-1232-4

R.T.: 5.455 min
Delta R.T.: -0.027 min
Response: 330076
Conc: 422.16 ng/ml



#14 AR-1232-4

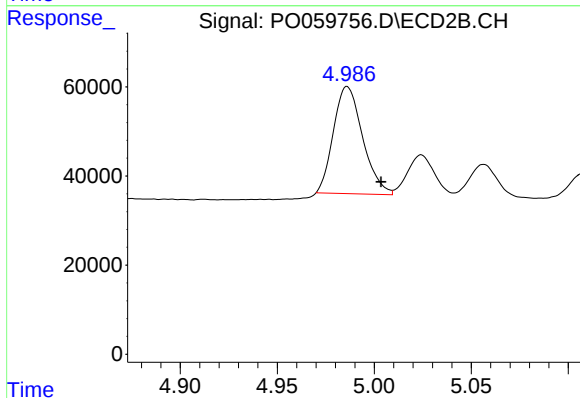
R.T.: 4.847 min
Delta R.T.: 0.013 min
Response: 95931
Conc: 157.25 ng/ml



#15 AR-1232-5

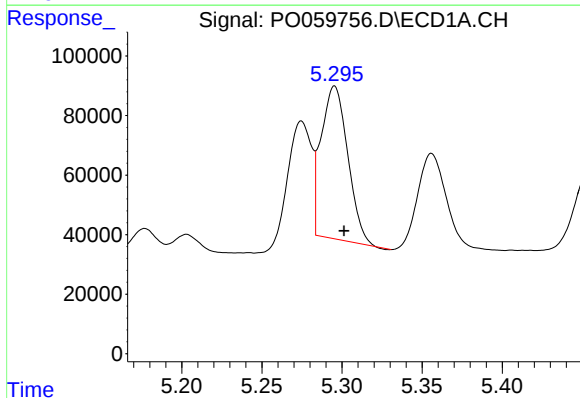
R.T.: 5.584 min
Delta R.T.: 0.016 min
Response: 313671
Conc: 521.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



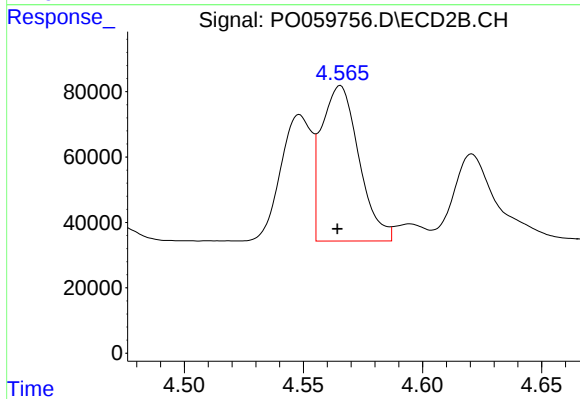
#15 AR-1232-5

R.T.: 4.986 min
Delta R.T.: -0.017 min
Response: 252164
Conc: 370.43 ng/ml



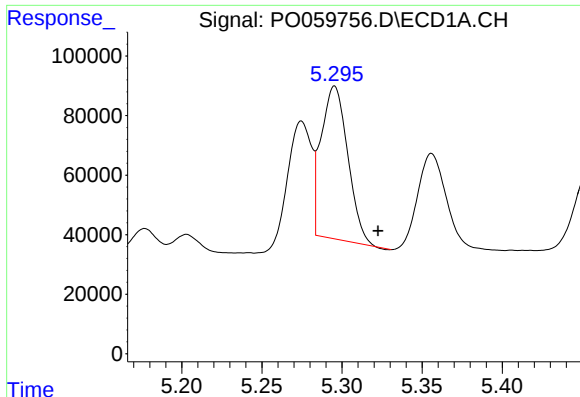
#16 AR-1242-1

R.T.: 5.295 min
Delta R.T.: -0.006 min
Response: 593879
Conc: 467.80 ng/ml



#16 AR-1242-1

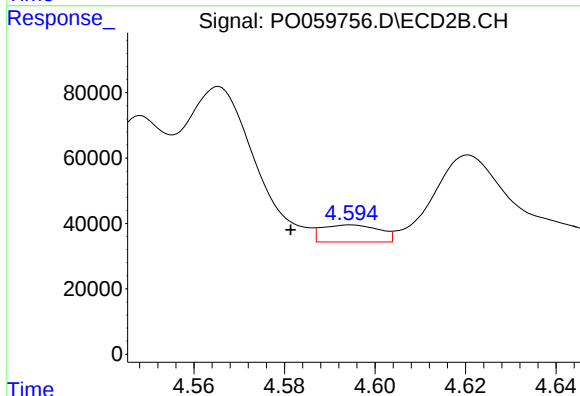
R.T.: 4.565 min
Delta R.T.: 0.001 min
Response: 520732
Conc: 506.22 ng/ml



#17 AR-1242-2

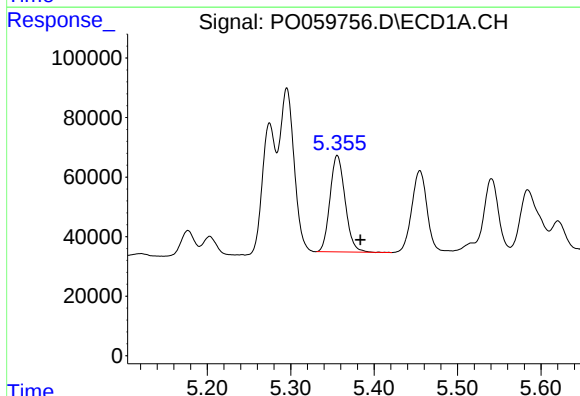
R.T.: 5.295 min
Delta R.T.: -0.027 min
Response: 593879
Conc: 320.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



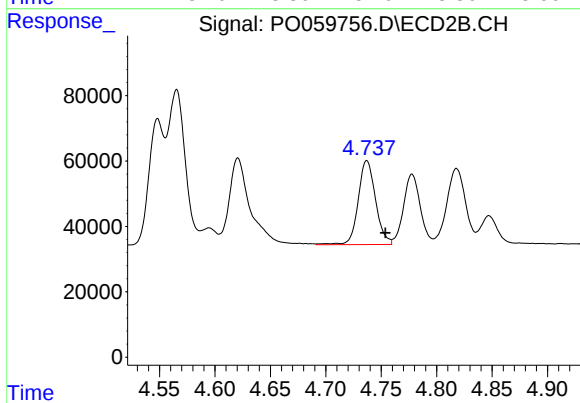
#17 AR-1242-2

R.T.: 4.595 min
Delta R.T.: 0.013 min
Response: 46033
Conc: 30.22 ng/ml



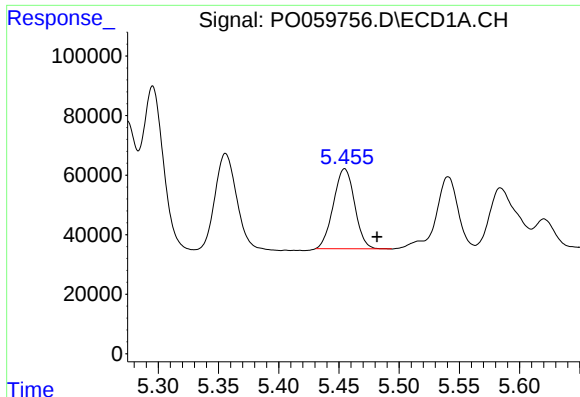
#18 AR-1242-3

R.T.: 5.356 min
Delta R.T.: -0.027 min
Response: 406728
Conc: 347.98 ng/ml



#18 AR-1242-3

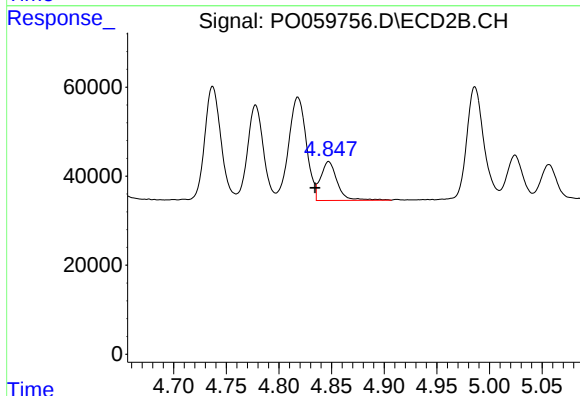
R.T.: 4.737 min
Delta R.T.: -0.017 min
Response: 280188
Conc: 335.35 ng/ml



#19 AR-1242-4

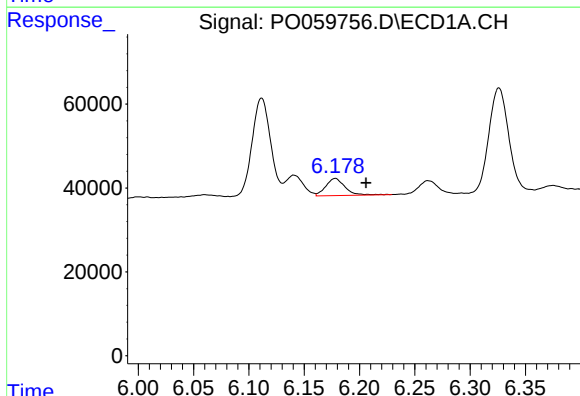
R.T.: 5.455 min
Delta R.T.: -0.027 min
Response: 330076
Conc: 341.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



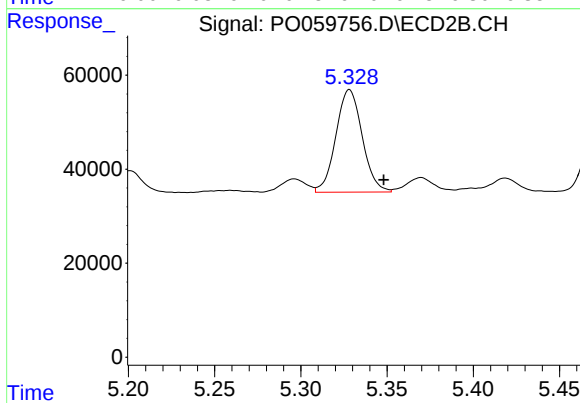
#19 AR-1242-4

R.T.: 4.847 min
Delta R.T.: 0.013 min
Response: 95931
Conc: 114.97 ng/ml



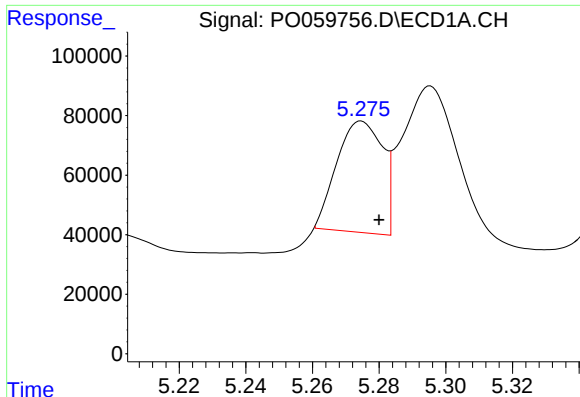
#20 AR-1242-5

R.T.: 6.178 min
Delta R.T.: -0.028 min
Response: 49317
Conc: 39.25 ng/ml



#20 AR-1242-5

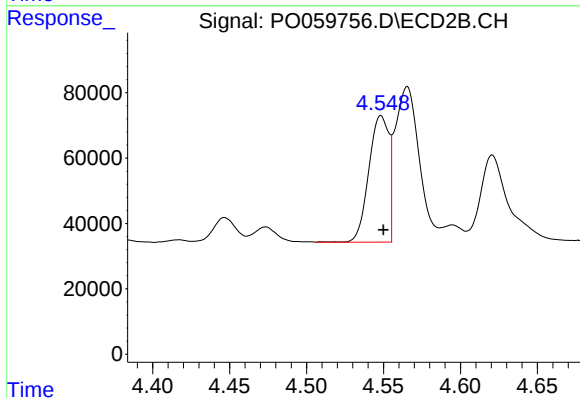
R.T.: 5.328 min
Delta R.T.: -0.020 min
Response: 231660
Conc: 207.10 ng/ml



#21 AR-1248-1

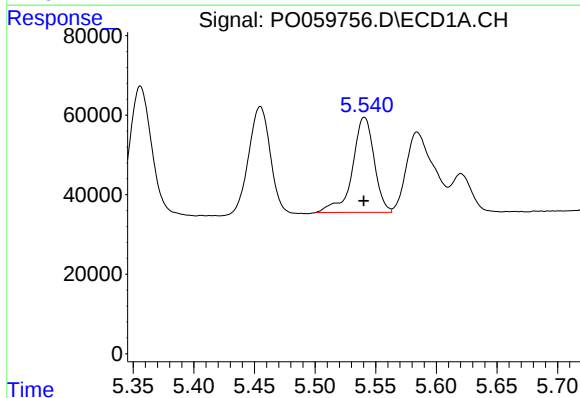
R.T.: 5.275 min
Delta R.T.: -0.005 min
Response: 353962
Conc: 353.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



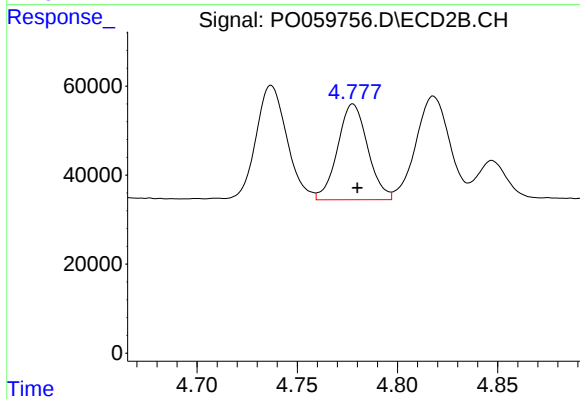
#21 AR-1248-1

R.T.: 4.548 min
Delta R.T.: -0.002 min
Response: 351876
Conc: 424.96 ng/ml



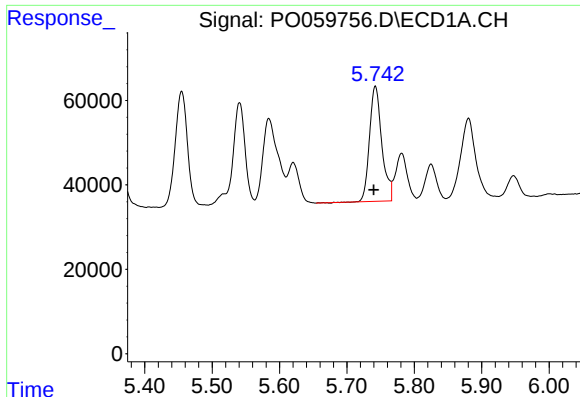
#22 AR-1248-2

R.T.: 5.541 min
Delta R.T.: 0.000 min
Response: 298591
Conc: 205.80 ng/ml



#22 AR-1248-2

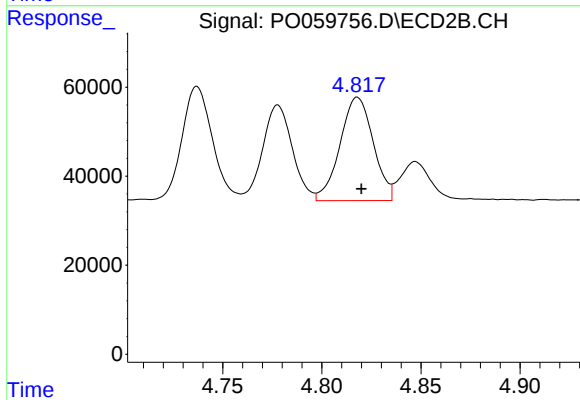
R.T.: 4.778 min
Delta R.T.: -0.002 min
Response: 225189
Conc: 195.29 ng/ml



#23 AR-1248-3

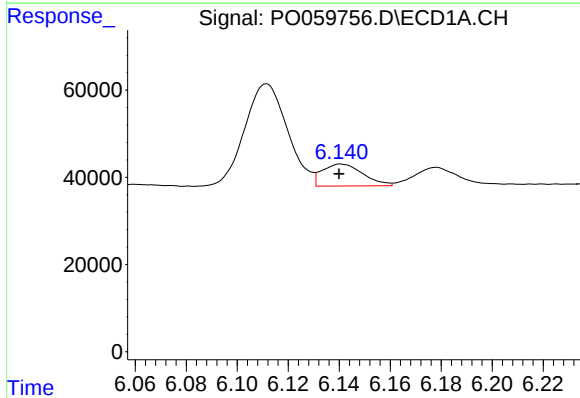
R.T.: 5.742 min
Delta R.T.: 0.002 min
Response: 347040
Conc: 208.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



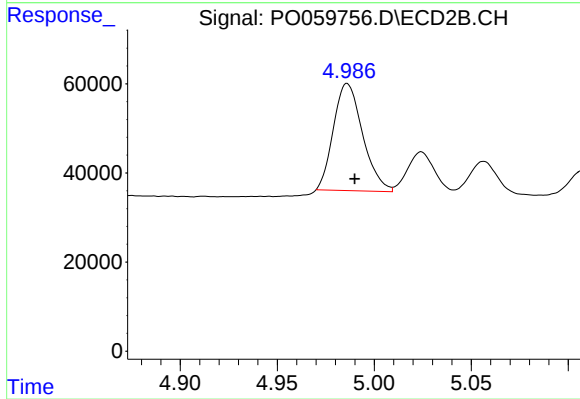
#23 AR-1248-3

R.T.: 4.818 min
Delta R.T.: -0.002 min
Response: 271094
Conc: 228.24 ng/ml



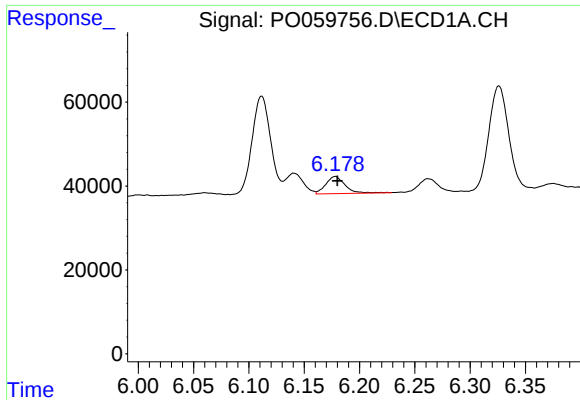
#24 AR-1248-4

R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 55951
Conc: 27.37 ng/ml



#24 AR-1248-4

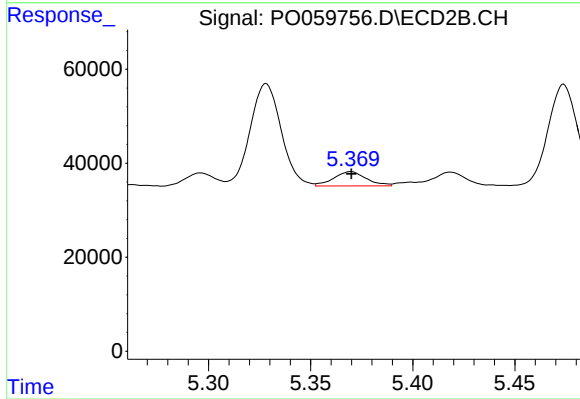
R.T.: 4.986 min
Delta R.T.: -0.004 min
Response: 252164
Conc: 173.54 ng/ml



#25 AR-1248-5

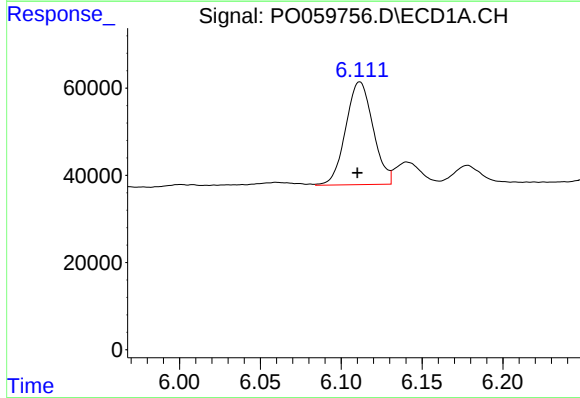
R.T.: 6.178 min
Delta R.T.: -0.002 min
Response: 49317
Conc: 24.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



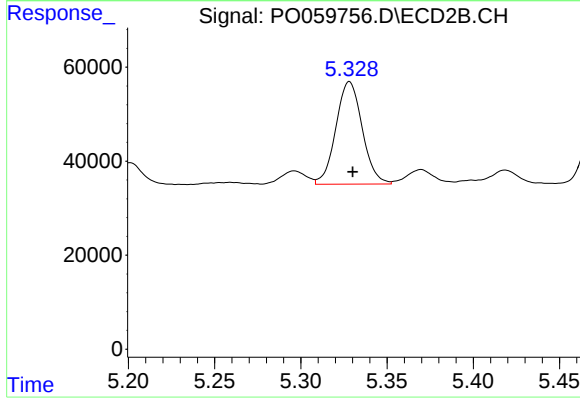
#25 AR-1248-5

R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 33981
Conc: 23.74 ng/ml



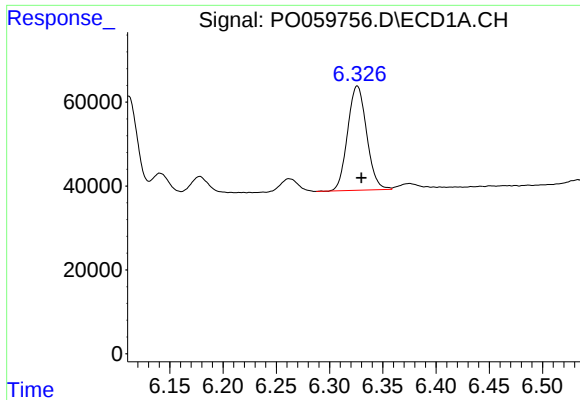
#26 AR-1254-1

R.T.: 6.112 min
Delta R.T.: 0.002 min
Response: 277589
Conc: 133.05 ng/ml



#26 AR-1254-1

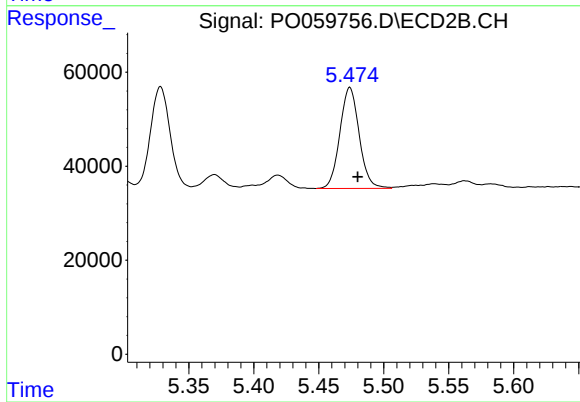
R.T.: 5.328 min
Delta R.T.: -0.002 min
Response: 231660
Conc: 97.67 ng/ml



#27 AR-1254-2

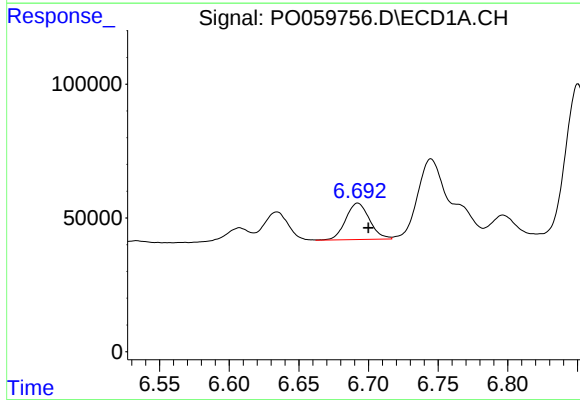
R.T.: 6.326 min
Delta R.T.: -0.004 min
Response: 309113
Conc: 92.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



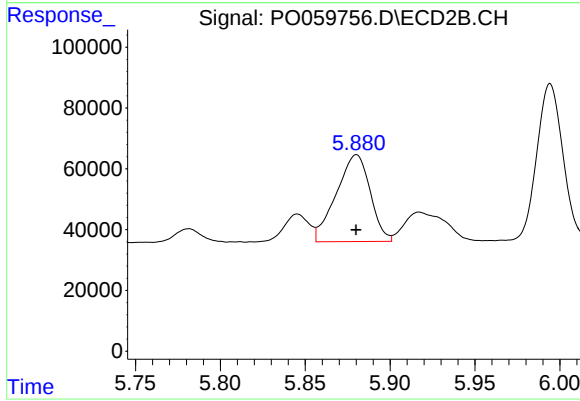
#27 AR-1254-2

R.T.: 5.474 min
Delta R.T.: -0.006 min
Response: 222701
Conc: 106.13 ng/ml



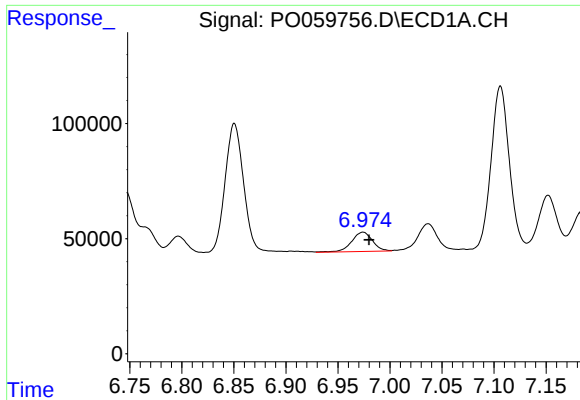
#28 AR-1254-3

R.T.: 6.692 min
Delta R.T.: -0.008 min
Response: 162324
Conc: 45.75 ng/ml



#28 AR-1254-3

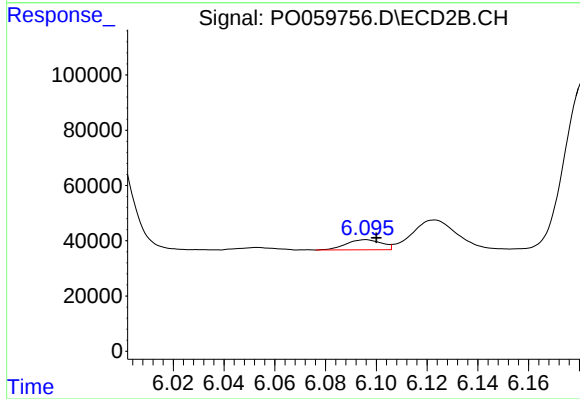
R.T.: 5.880 min
Delta R.T.: 0.000 min
Response: 397974
Conc: 118.36 ng/ml



#29 AR-1254-4

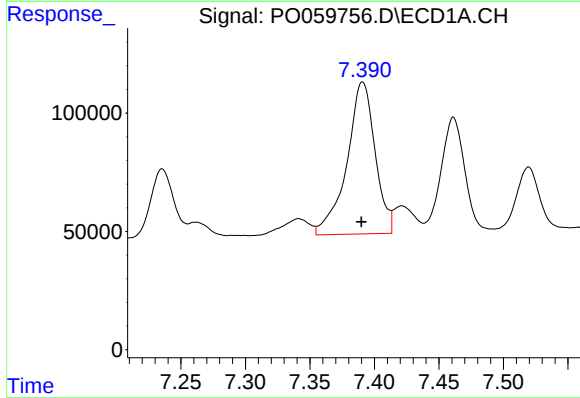
R.T.: 6.974 min
Delta R.T.: -0.006 min
Response: 118473
Conc: 40.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



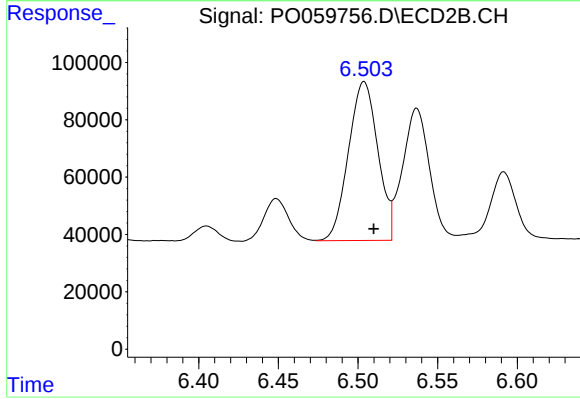
#29 AR-1254-4

R.T.: 6.096 min
Delta R.T.: -0.004 min
Response: 35270
Conc: 17.11 ng/ml



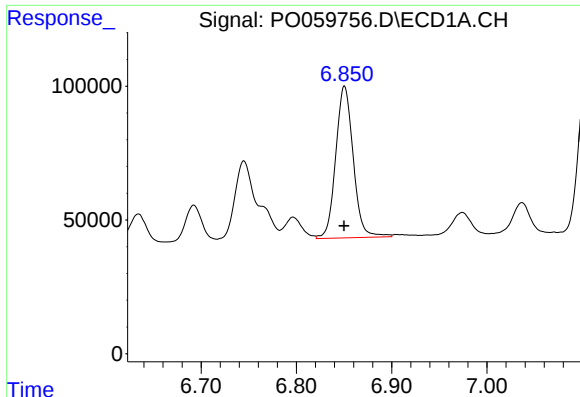
#30 AR-1254-5

R.T.: 7.391 min
Delta R.T.: 0.000 min
Response: 977574
Conc: 316.12 ng/ml



#30 AR-1254-5

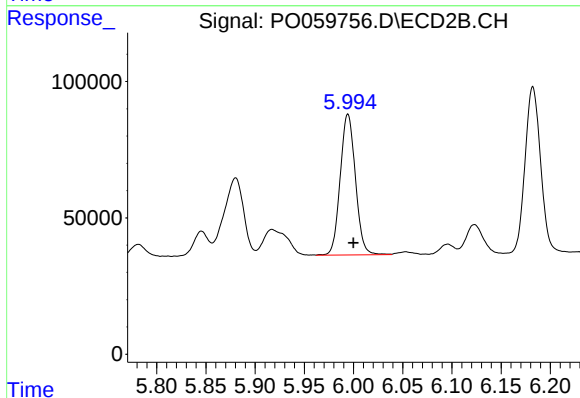
R.T.: 6.504 min
Delta R.T.: -0.006 min
Response: 712475
Conc: 229.46 ng/ml



#31 AR-1260-1

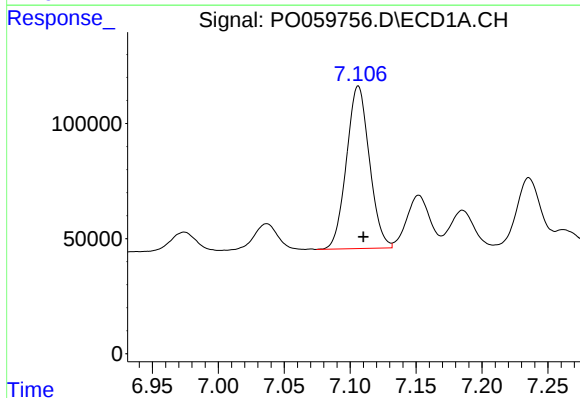
R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 722693
Conc: 268.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



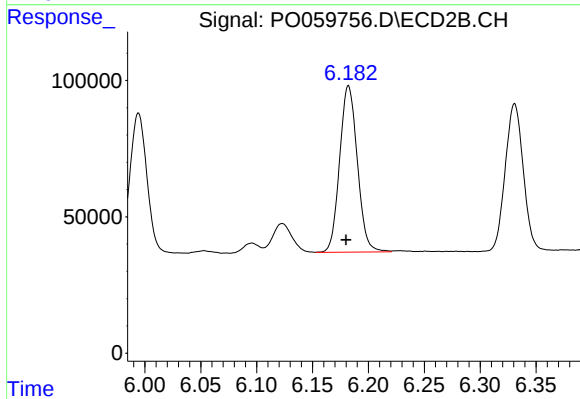
#31 AR-1260-1

R.T.: 5.994 min
Delta R.T.: -0.006 min
Response: 555406
Conc: 243.72 ng/ml



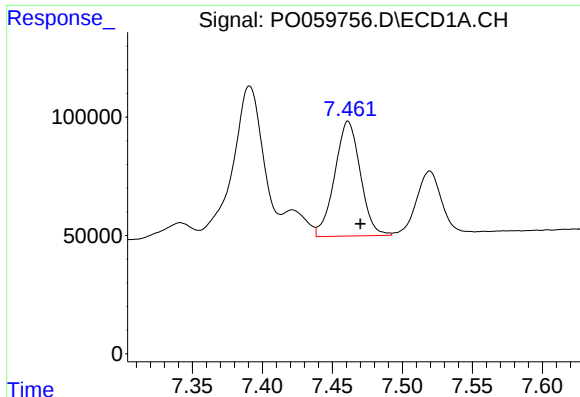
#32 AR-1260-2

R.T.: 7.106 min
Delta R.T.: -0.004 min
Response: 855707
Conc: 230.62 ng/ml



#32 AR-1260-2

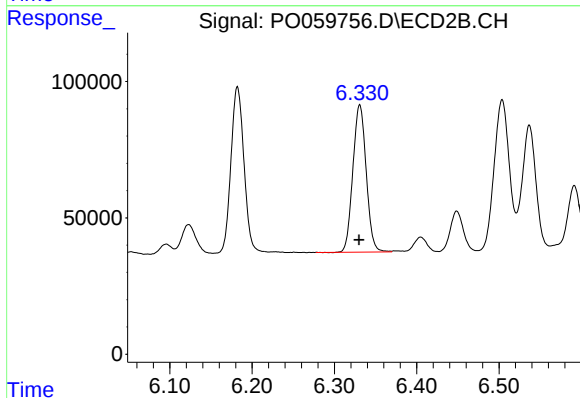
R.T.: 6.182 min
Delta R.T.: 0.002 min
Response: 672815
Conc: 229.64 ng/ml



#33 AR-1260-3

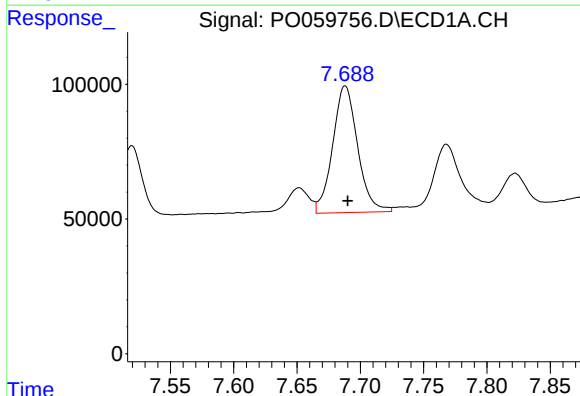
R.T.: 7.461 min
Delta R.T.: -0.009 min
Response: 618111
Conc: 188.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



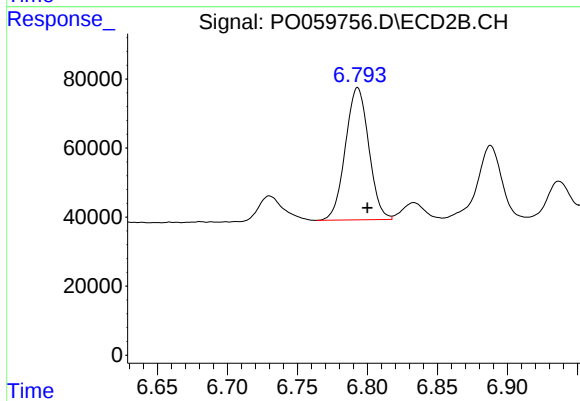
#33 AR-1260-3

R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 608285
Conc: 229.62 ng/ml



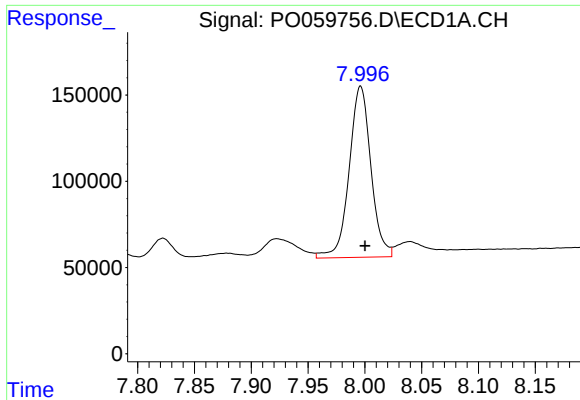
#34 AR-1260-4

R.T.: 7.688 min
Delta R.T.: -0.002 min
Response: 645866
Conc: 210.29 ng/ml



#34 AR-1260-4

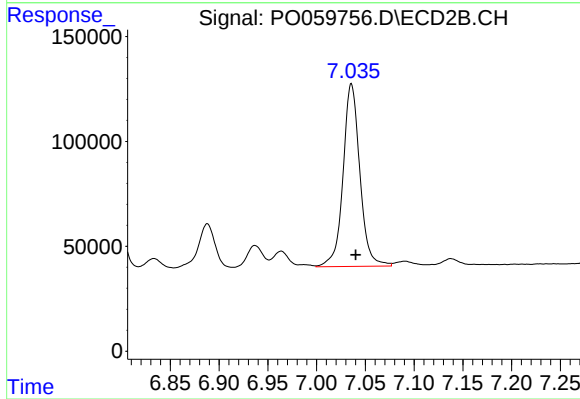
R.T.: 6.793 min
Delta R.T.: -0.007 min
Response: 445799
Conc: 197.03 ng/ml



#35 AR-1260-5

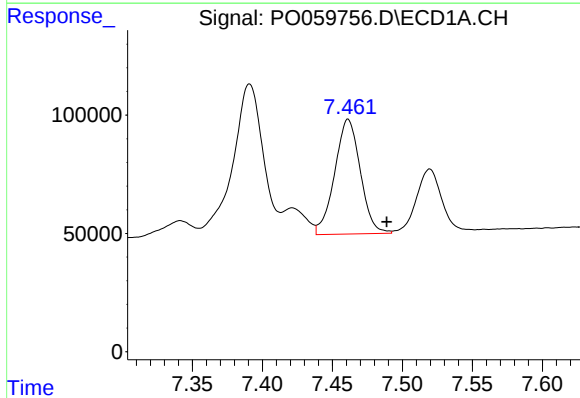
R.T.: 7.996 min
Delta R.T.: -0.004 min
Response: 1322562
Conc: 186.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



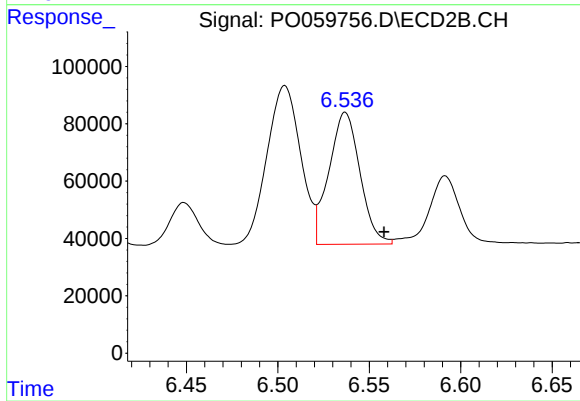
#35 AR-1260-5

R.T.: 7.036 min
Delta R.T.: -0.004 min
Response: 1043191
Conc: 189.56 ng/ml



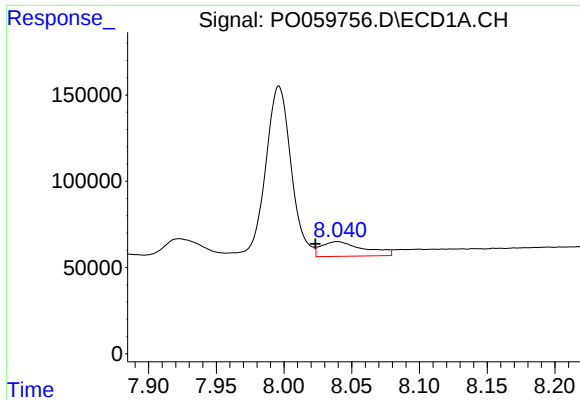
#36 AR-1262-1

R.T.: 7.461 min
Delta R.T.: -0.028 min
Response: 618111
Conc: 127.37 ng/ml



#36 AR-1262-1

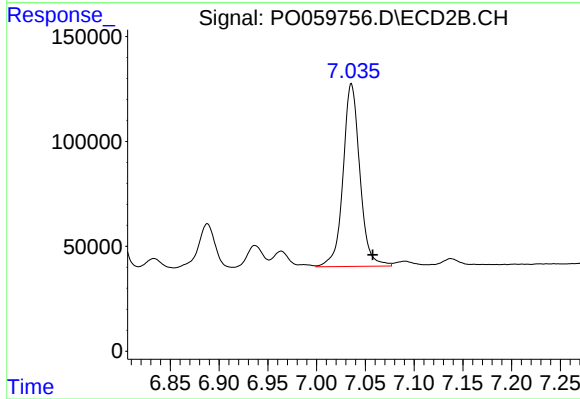
R.T.: 6.537 min
Delta R.T.: -0.021 min
Response: 544011
Conc: 145.94 ng/ml



#37 AR-1262-2

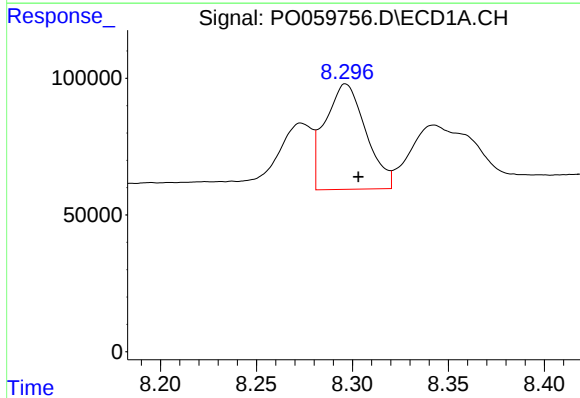
R.T.: 8.040 min
Delta R.T.: 0.017 min
Response: 187532
Conc: 24.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



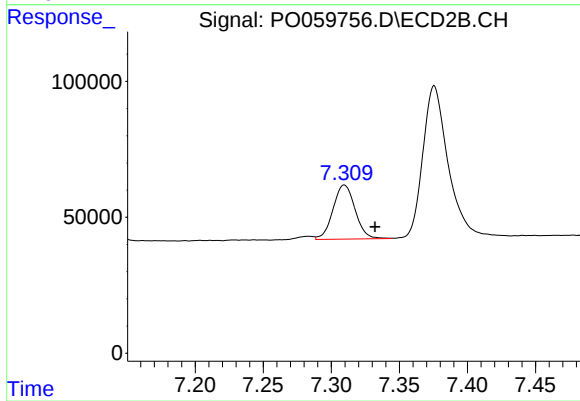
#37 AR-1262-2

R.T.: 7.036 min
Delta R.T.: -0.022 min
Response: 1043191
Conc: 177.44 ng/ml



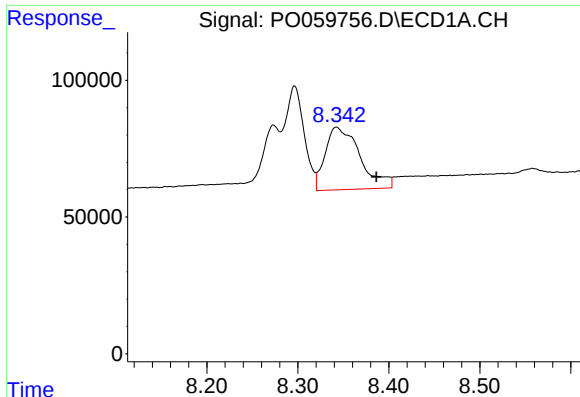
#38 AR-1262-3

R.T.: 8.297 min
Delta R.T.: -0.007 min
Response: 569518
Conc: 111.62 ng/ml



#38 AR-1262-3

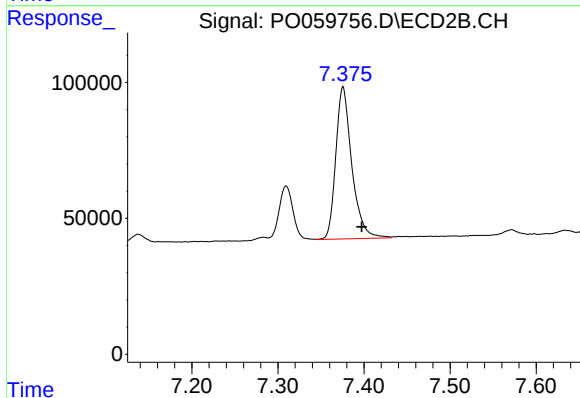
R.T.: 7.310 min
Delta R.T.: -0.023 min
Response: 224866
Conc: 88.50 ng/ml



#39 AR-1262-4

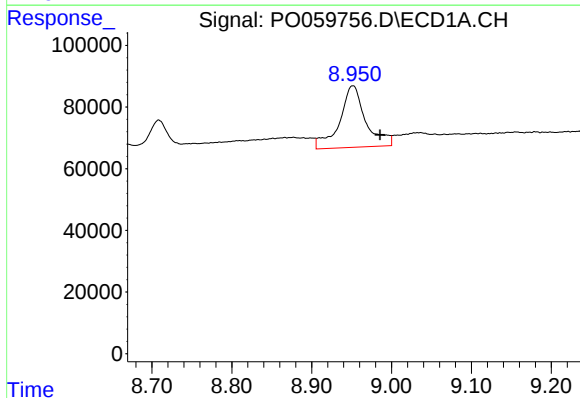
R.T.: 8.342 min
Delta R.T.: -0.044 min
Response: 609406
Conc: 158.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



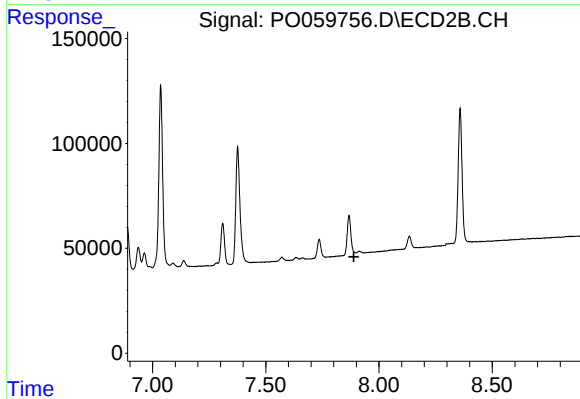
#39 AR-1262-4

R.T.: 7.376 min
Delta R.T.: -0.022 min
Response: 723651
Conc: 163.76 ng/ml



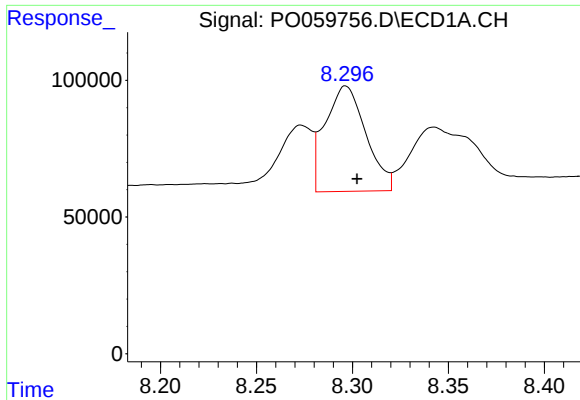
#40 AR-1262-5

R.T.: 8.952 min
Delta R.T.: -0.034 min
Response: 452406
Conc: 176.27 ng/ml



#40 AR-1262-5

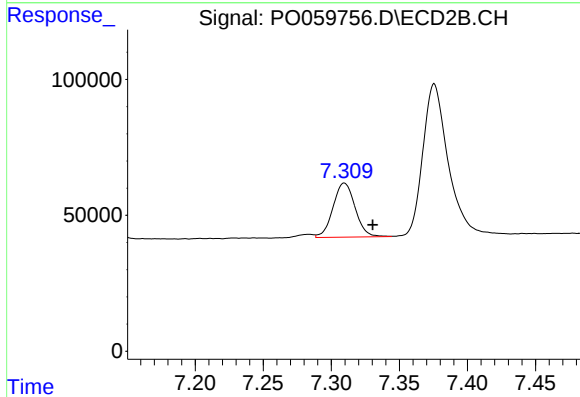
R.T.: 7.913 min
Delta R.T.: 0.024 min
Response: -49393
Conc: N.D.



#41 AR-1268-1

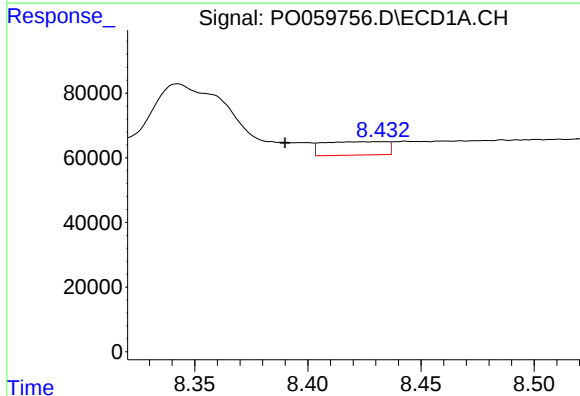
R.T.: 8.297 min
Delta R.T.: -0.006 min
Response: 569518
Conc: 60.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



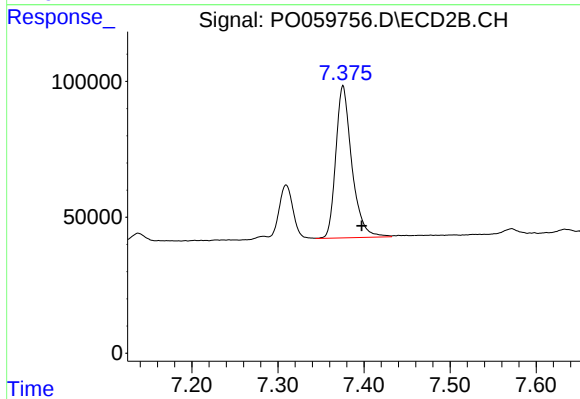
#41 AR-1268-1

R.T.: 7.310 min
Delta R.T.: -0.021 min
Response: 224866
Conc: 31.58 ng/ml



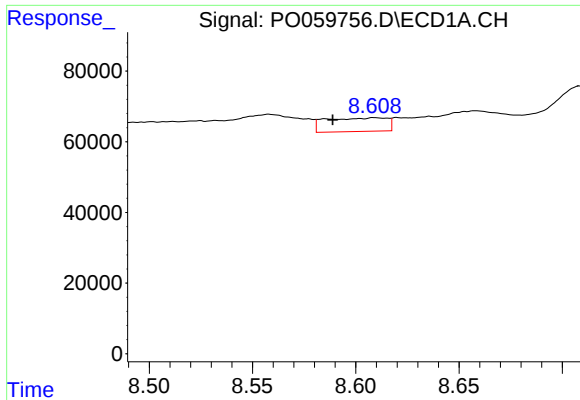
#42 AR-1268-2

R.T.: 8.432 min
Delta R.T.: 0.042 min
Response: 80880
Conc: 10.26 ng/ml



#42 AR-1268-2

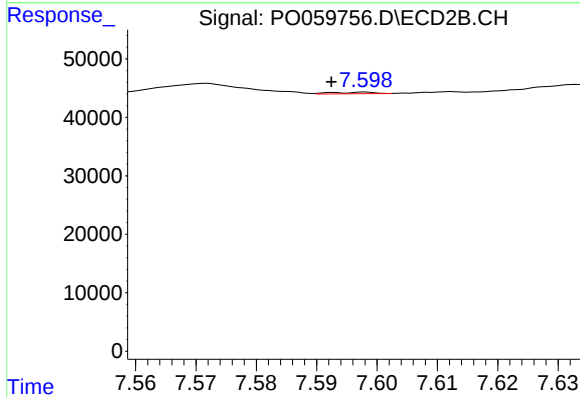
R.T.: 7.376 min
Delta R.T.: -0.022 min
Response: 723651
Conc: 112.23 ng/ml



#43 AR-1268-3

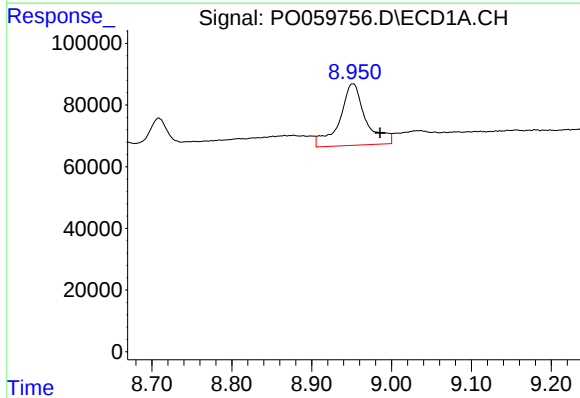
R.T.: 8.609 min
Delta R.T.: 0.020 min
Response: 79804
Conc: 11.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



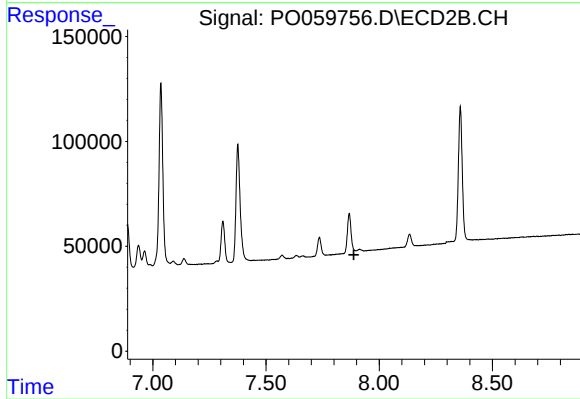
#43 AR-1268-3

R.T.: 7.598 min
Delta R.T.: 0.005 min
Response: 1315
Conc: 0.24 ng/ml



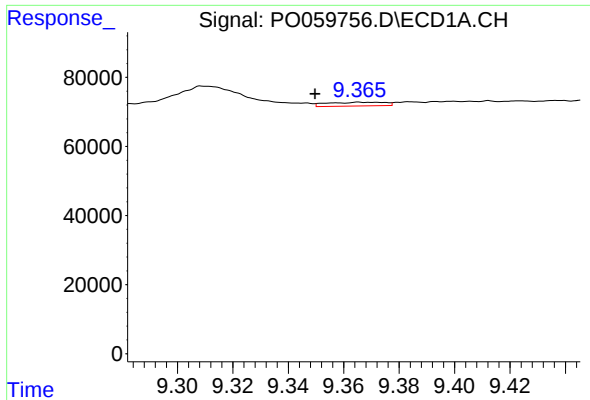
#44 AR-1268-4

R.T.: 8.952 min
Delta R.T.: -0.034 min
Response: 452406
Conc: 162.73 ng/ml



#44 AR-1268-4

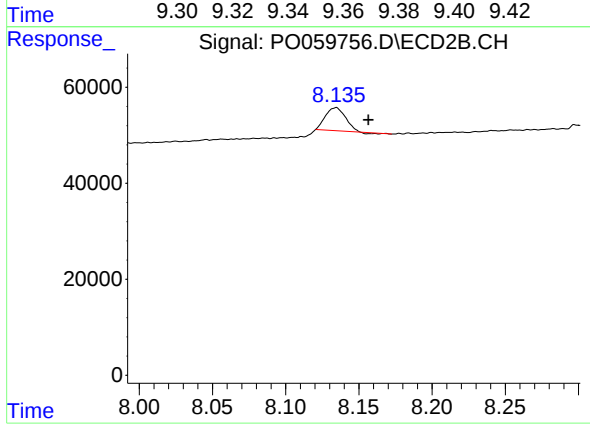
R.T.: 7.913 min
Delta R.T.: 0.025 min
Response: -49393
Conc: N.D.



#45 AR-1268-5

R.T.: 9.366 min
Delta R.T.: 0.016 min
Response: 15479
Conc: 0.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.134 min
Delta R.T.: -0.022 min
Response: 45222
Conc: 3.11 ng/ml