

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102821\
 Data File : PO082279.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 28 Oct 2021 9:14
 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 01:14:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 19 04:37:47 2021
 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...	4.976	3.970	4145613	1466877	51.305	49.717
2)	SA Decachlor...	11.092	9.293	3110220	1417395	55.960	55.650
Target Compounds							
3)	L1 AR-1016-1	6.309	5.231	1332948	604309	526.626	498.493
4)	L1 AR-1016-2	6.333	5.251	1897608	838655	525.206	506.904
5)	L1 AR-1016-3	6.400	5.442	1159474	450155	543.875	505.799
6)	L1 AR-1016-4	6.508	5.495	940209	373444	534.949	514.047
7)	L1 AR-1016-5	6.826	5.724	908616	448229	532.440	503.022
8)	L2 AR-1221-1	5.223	4.227	148784	56269	172.163	152.404
9)	L2 AR-1221-2	5.330	4.328	192615	76208	299.735	272.110
10)	L2 AR-1221-3	5.418	4.417	727749	307367	357.086	364.542
11)	L3 AR-1232-1	5.418	4.417	727749	307367	482.537	467.015
12)	L3 AR-1232-2	6.012	5.251	996761	838655	1216.627	1173.857
13)	L3 AR-1232-3	6.333	5.442	1897608	450155	1284.110	1187.711
14)	L3 AR-1232-4	6.508	5.539	940209	429781	1327.973	1224.698
15)	L3 AR-1232-5	6.607	5.724	769797	448229	1517.117	1180.400
16)	L4 AR-1242-1	6.309	5.231	1332948	604309	702.168	660.189
17)	L4 AR-1242-2	6.333	5.251	1897608	838655	707.015	683.451
18)	L4 AR-1242-3	6.400	5.442	1159474	450155	716.853	669.090
19)	L4 AR-1242-4	6.508	5.539	940209	429781	736.412	640.250
20)	L4 AR-1242-5	7.297	6.105	147971	403713	116.340	469.846 #
21)	L5 AR-1248-1	6.309	5.231	1332948	604309	895.696	827.260
22)	L5 AR-1248-2	6.607	5.495	769797	373444	395.883	388.346
23)	L5 AR-1248-3	6.826	5.539	908616	429781	418.276	436.091
24)	L5 AR-1248-4	7.257	5.724	175959	448229	74.581	389.947 #
25)	L5 AR-1248-5	7.297	6.147	147971	67327	66.400	61.971
26)	L6 AR-1254-1	7.227	6.105	750477	403713	313.366	242.418
27)	L6 AR-1254-2	7.458	6.266	696626	348064	190.979	233.133
28)	L6 AR-1254-3	7.843	6.687	423689	175872	117.079	78.539 #
29)	L6 AR-1254-4	8.138	6.928	337413	90008	125.210	61.284 #
30)	L6 AR-1254-5	8.571	7.358	2155841	1158117	740.210	562.383
31)	L7 AR-1260-1	8.011	6.825	1666963	855071	590.630	516.549
32)	L7 AR-1260-2	8.278	7.024	1866512	1133228	561.066	564.967
33)	L7 AR-1260-3	8.647	7.178	1235096	942164	547.970	497.332
34)	L7 AR-1260-4	8.878	7.664	1499174	720577	566.293	525.718
35)	L7 AR-1260-5	9.213	7.912	2874615	1758638	524.707	532.245
36)	L8 AR-1262-1	8.647	7.358	1235096	1158117	361.062	1049.871 #
37)	L8 AR-1262-2	9.213	7.912	2874615	1758638	457.774	492.261
38)	L8 AR-1262-3	9.554f	8.201	1839333	490336	668.795	325.762 #
39)	L8 AR-1262-4	9.609f	8.263	1072707	1257088	640.672	472.318 #
40)	L8 AR-1262-5	10.316	8.764	775894	426367	340.478	337.545
41)	L9 AR-1268-1	9.554f	8.201	1839333	490336	246.230	116.364 #

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 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

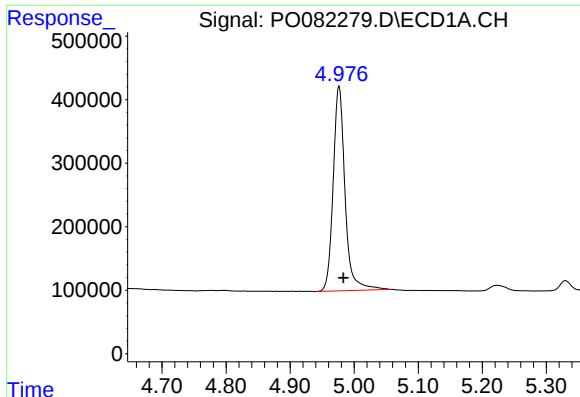
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 01:14:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101821.M
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Volume Inj. : 2 µl
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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	9.609f	8.263	1072707	1257088	158.564	330.927 #
43) L9	AR-1268-3	9.864	8.474	44664	28803	7.564	8.882
44) L9	AR-1268-4	10.316	8.764	775894	426367	306.610	306.933
45) L9	AR-1268-5	10.744	9.045	237032	136352	11.784	14.086

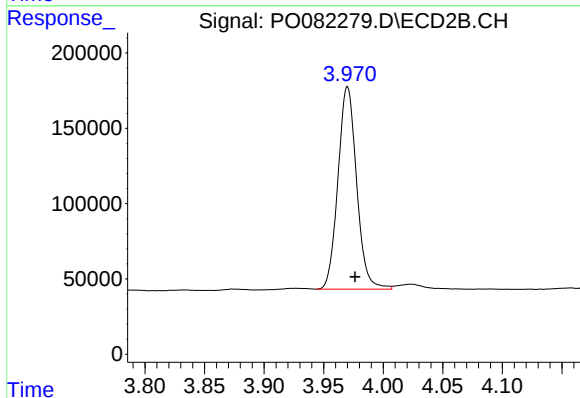
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

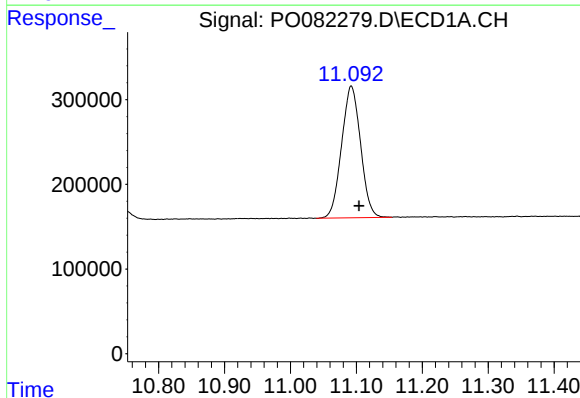
R.T.: 4.976 min
Delta R.T.: -0.007 min
Response: 4145613
Conc: 51.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



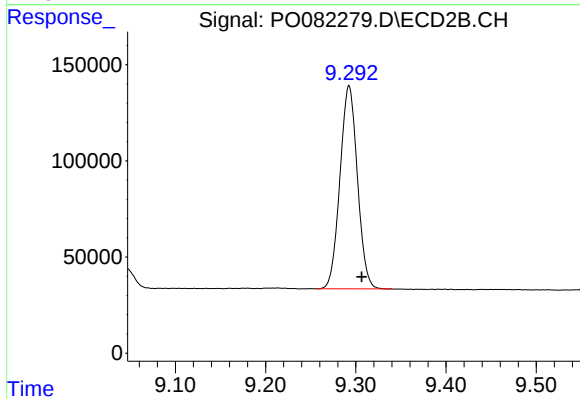
#1 Tetrachloro-m-xylene

R.T.: 3.970 min
Delta R.T.: -0.006 min
Response: 1466877
Conc: 49.72 ng/ml



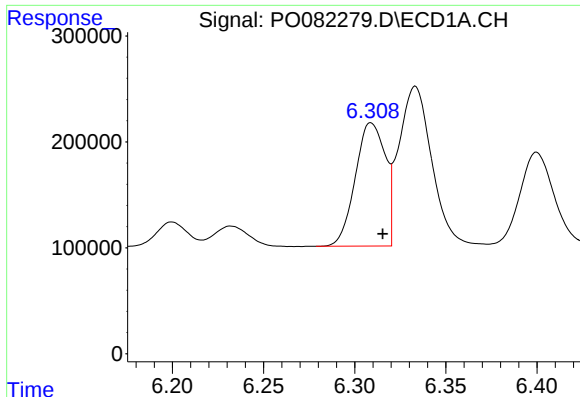
#2 Decachlorobiphenyl

R.T.: 11.092 min
Delta R.T.: -0.012 min
Response: 3110220
Conc: 55.96 ng/ml



#2 Decachlorobiphenyl

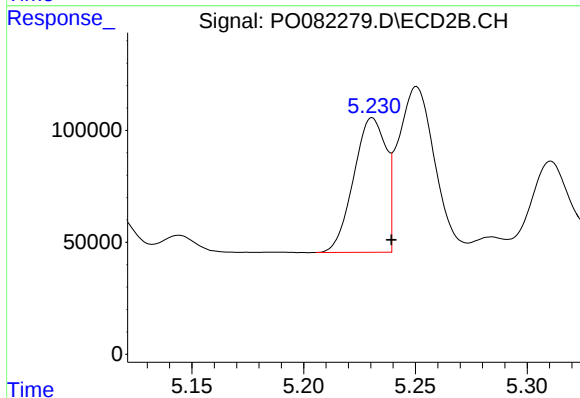
R.T.: 9.293 min
Delta R.T.: -0.014 min
Response: 1417395
Conc: 55.65 ng/ml



#3 AR-1016-1

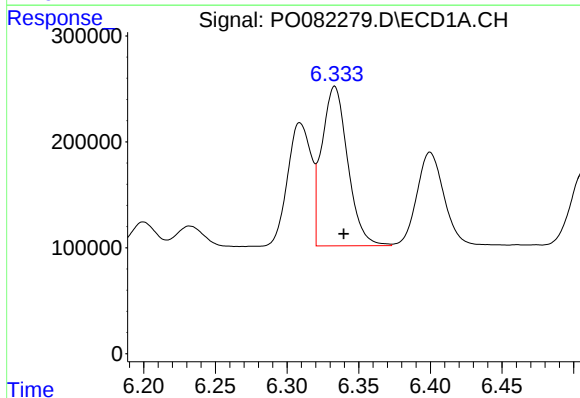
R.T.: 6.309 min
Delta R.T.: -0.006 min
Response: 1332948
Conc: 526.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



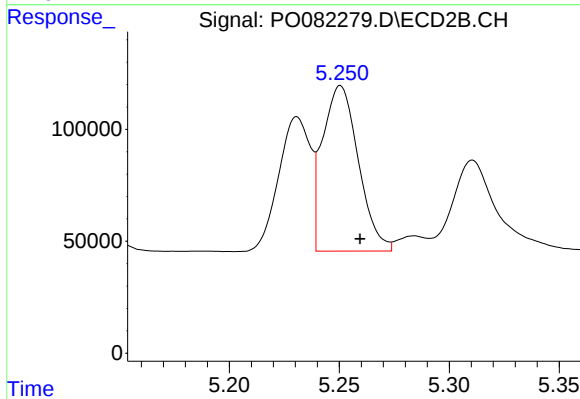
#3 AR-1016-1

R.T.: 5.231 min
Delta R.T.: -0.009 min
Response: 604309
Conc: 498.49 ng/ml



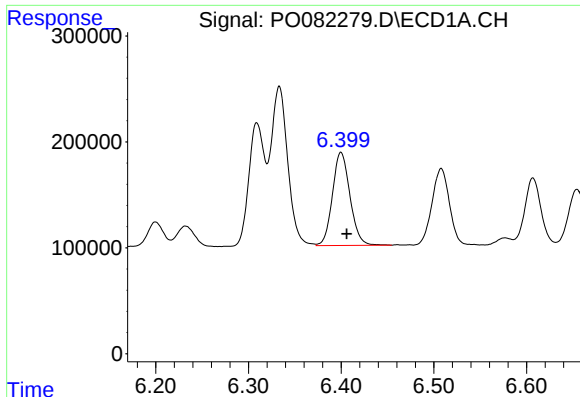
#4 AR-1016-2

R.T.: 6.333 min
Delta R.T.: -0.006 min
Response: 1897608
Conc: 525.21 ng/ml



#4 AR-1016-2

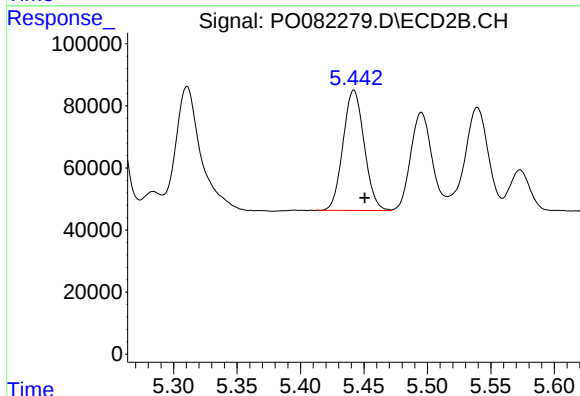
R.T.: 5.251 min
Delta R.T.: -0.009 min
Response: 838655
Conc: 506.90 ng/ml



#5 AR-1016-3

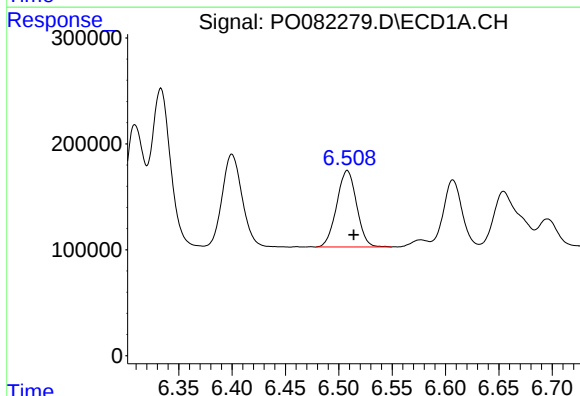
R.T.: 6.400 min
Delta R.T.: -0.006 min
Response: 1159474
Conc: 543.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



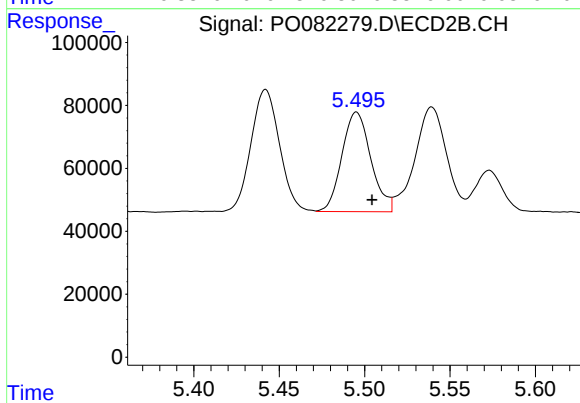
#5 AR-1016-3

R.T.: 5.442 min
Delta R.T.: -0.008 min
Response: 450155
Conc: 505.80 ng/ml



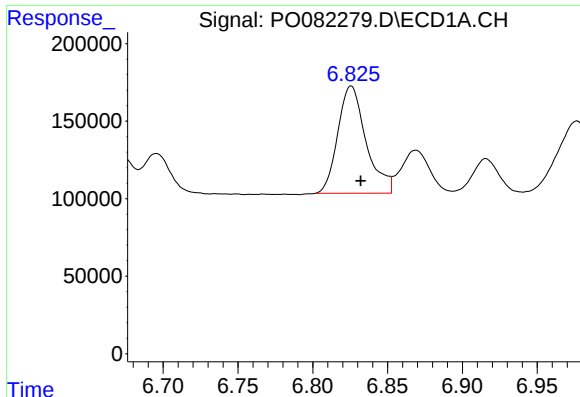
#6 AR-1016-4

R.T.: 6.508 min
Delta R.T.: -0.006 min
Response: 940209
Conc: 534.95 ng/ml



#6 AR-1016-4

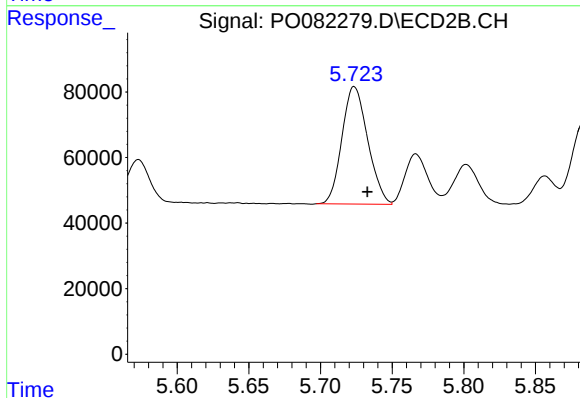
R.T.: 5.495 min
Delta R.T.: -0.009 min
Response: 373444
Conc: 514.05 ng/ml



#7 AR-1016-5

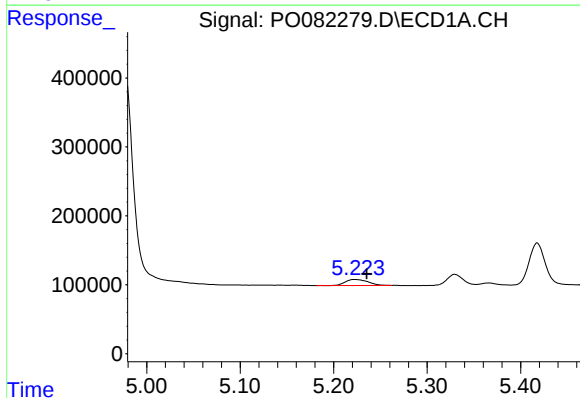
R.T.: 6.826 min
Delta R.T.: -0.006 min
Response: 908616
Conc: 532.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



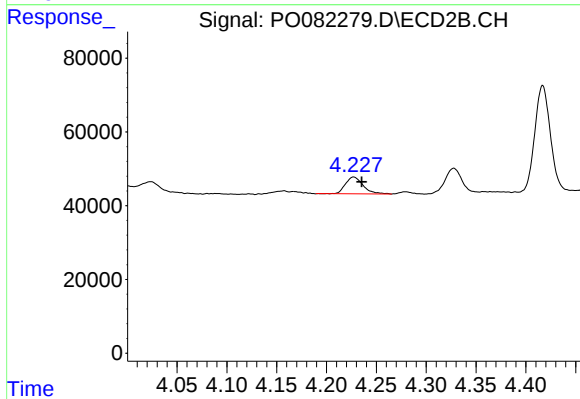
#7 AR-1016-5

R.T.: 5.724 min
Delta R.T.: -0.009 min
Response: 448229
Conc: 503.02 ng/ml



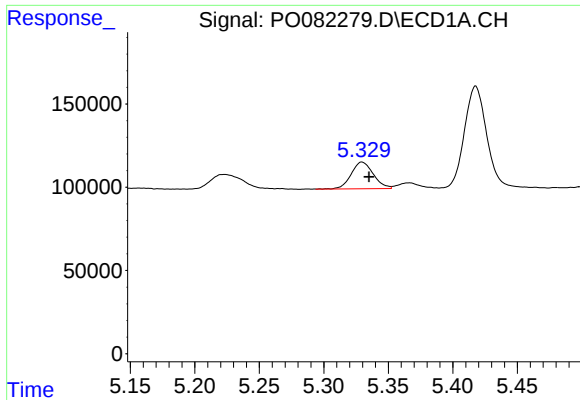
#8 AR-1221-1

R.T.: 5.223 min
Delta R.T.: -0.012 min
Response: 148784
Conc: 172.16 ng/ml



#8 AR-1221-1

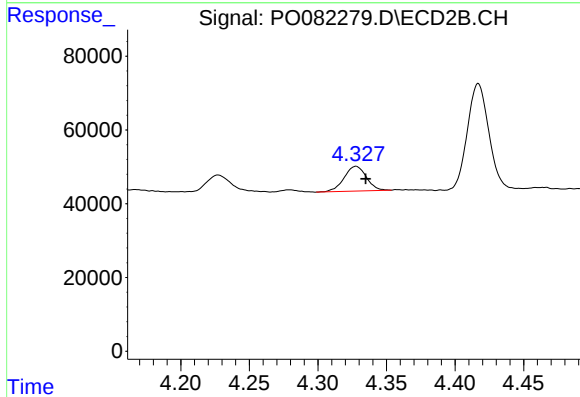
R.T.: 4.227 min
Delta R.T.: -0.008 min
Response: 56269
Conc: 152.40 ng/ml



#9 AR-1221-2

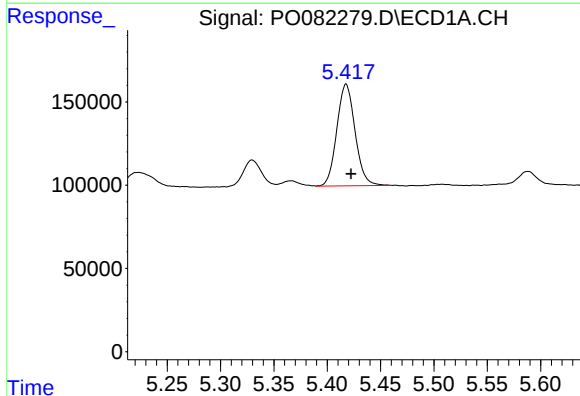
R.T.: 5.330 min
Delta R.T.: -0.006 min
Response: 192615
Conc: 299.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



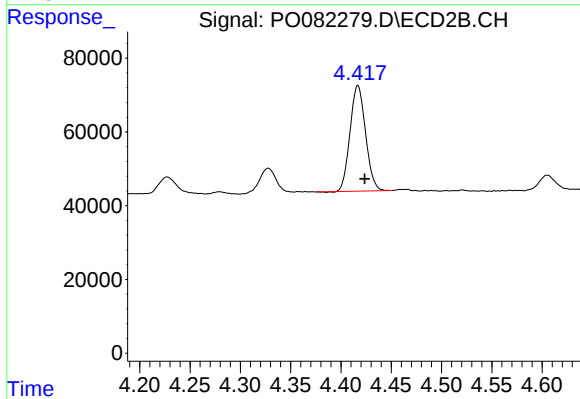
#9 AR-1221-2

R.T.: 4.328 min
Delta R.T.: -0.007 min
Response: 76208
Conc: 272.11 ng/ml



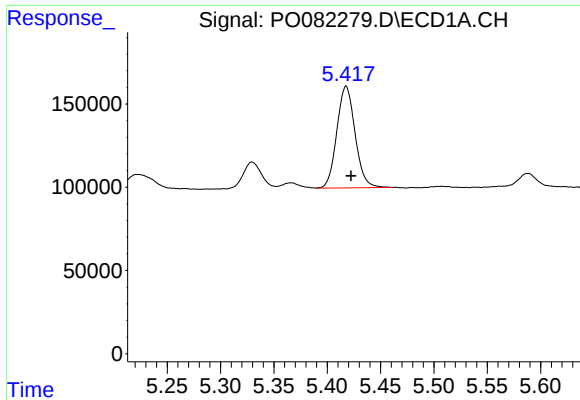
#10 AR-1221-3

R.T.: 5.418 min
Delta R.T.: -0.005 min
Response: 727749
Conc: 357.09 ng/ml



#10 AR-1221-3

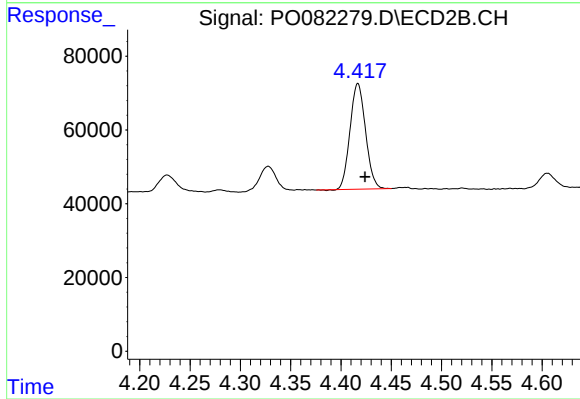
R.T.: 4.417 min
Delta R.T.: -0.007 min
Response: 307367
Conc: 364.54 ng/ml



#11 AR-1232-1

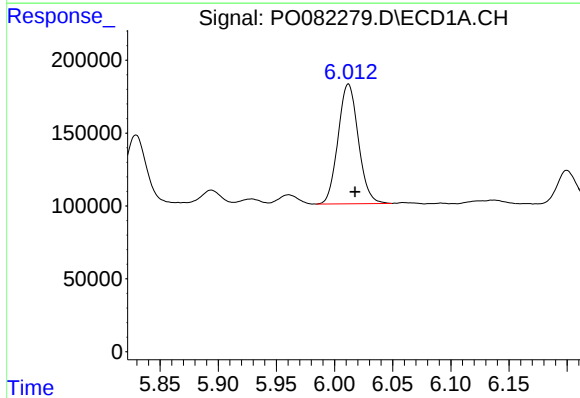
R.T.: 5.418 min
Delta R.T.: -0.005 min
Response: 727749
Conc: 482.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



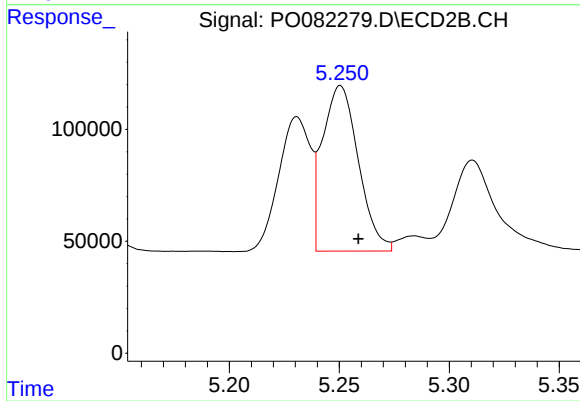
#11 AR-1232-1

R.T.: 4.417 min
Delta R.T.: -0.007 min
Response: 307367
Conc: 467.02 ng/ml



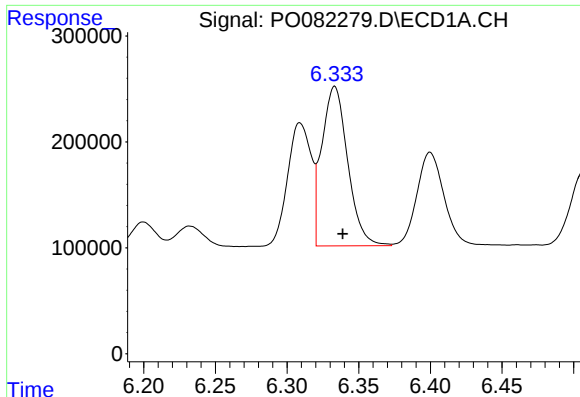
#12 AR-1232-2

R.T.: 6.012 min
Delta R.T.: -0.006 min
Response: 996761
Conc: 1216.63 ng/ml



#12 AR-1232-2

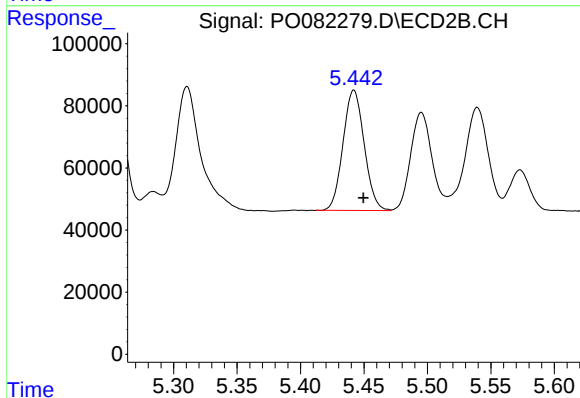
R.T.: 5.251 min
Delta R.T.: -0.008 min
Response: 838655
Conc: 1173.86 ng/ml



#13 AR-1232-3

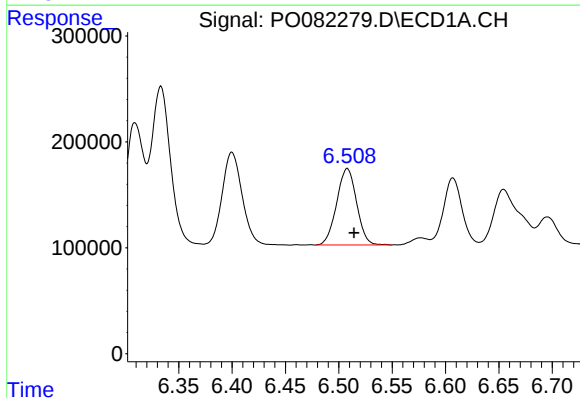
R.T.: 6.333 min
Delta R.T.: -0.006 min
Response: 1897608
Conc: 1284.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



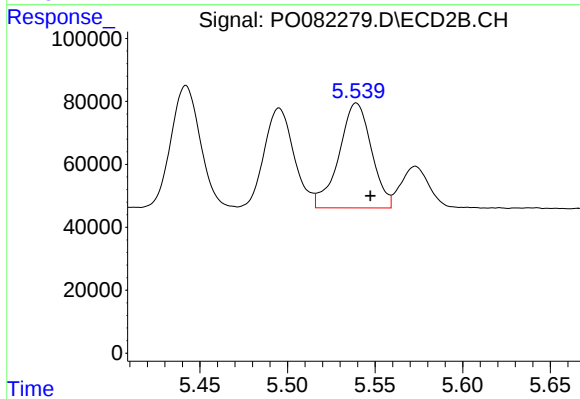
#13 AR-1232-3

R.T.: 5.442 min
Delta R.T.: -0.008 min
Response: 450155
Conc: 1187.71 ng/ml



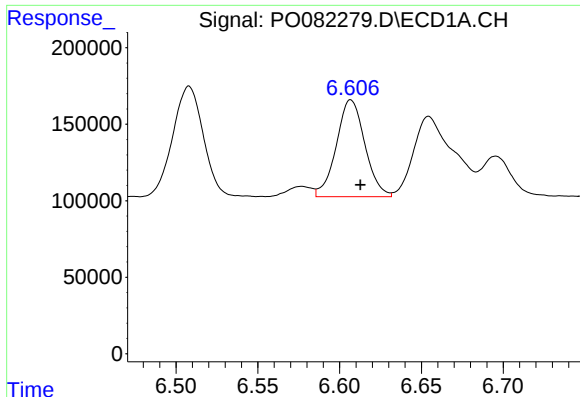
#14 AR-1232-4

R.T.: 6.508 min
Delta R.T.: -0.006 min
Response: 940209
Conc: 1327.97 ng/ml



#14 AR-1232-4

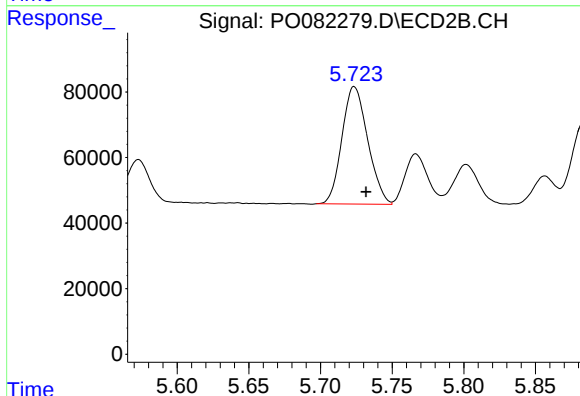
R.T.: 5.539 min
Delta R.T.: -0.008 min
Response: 429781
Conc: 1224.70 ng/ml



#15 AR-1232-5

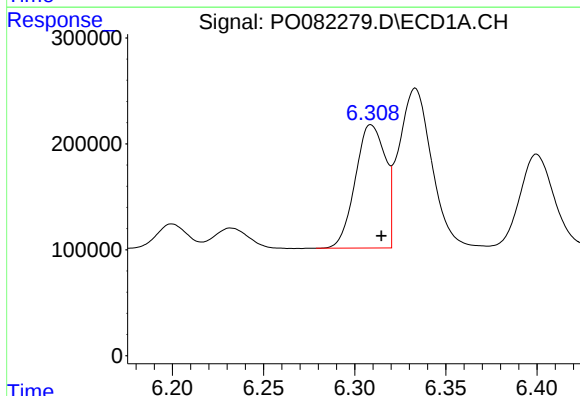
R.T.: 6.607 min
Delta R.T.: -0.006 min
Response: 769797
Conc: 1517.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



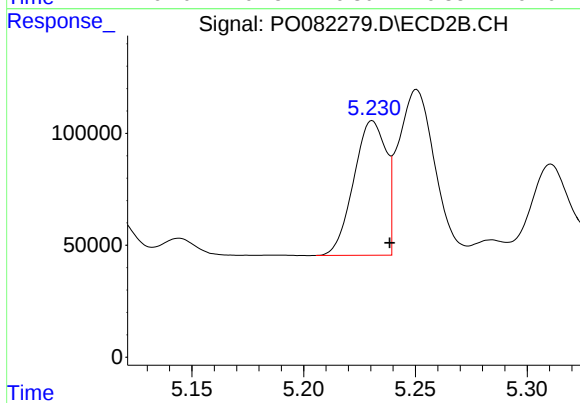
#15 AR-1232-5

R.T.: 5.724 min
Delta R.T.: -0.008 min
Response: 448229
Conc: 1180.40 ng/ml



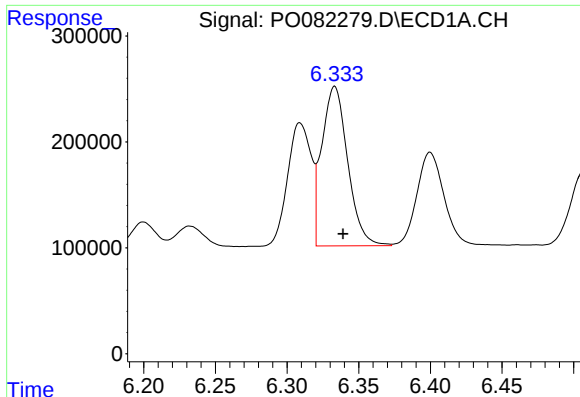
#16 AR-1242-1

R.T.: 6.309 min
Delta R.T.: -0.006 min
Response: 1332948
Conc: 702.17 ng/ml



#16 AR-1242-1

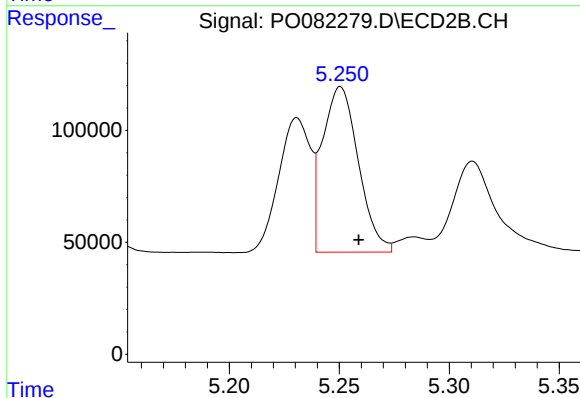
R.T.: 5.231 min
Delta R.T.: -0.008 min
Response: 604309
Conc: 660.19 ng/ml



#17 AR-1242-2

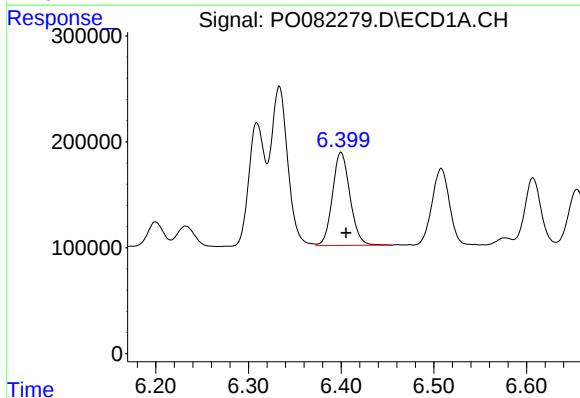
R.T.: 6.333 min
Delta R.T.: -0.006 min
Response: 1897608
Conc: 707.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



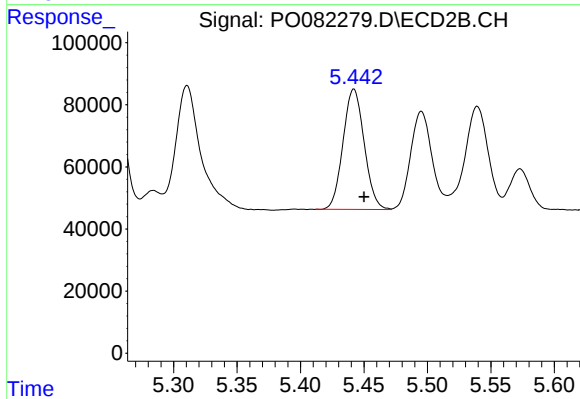
#17 AR-1242-2

R.T.: 5.251 min
Delta R.T.: -0.008 min
Response: 838655
Conc: 683.45 ng/ml



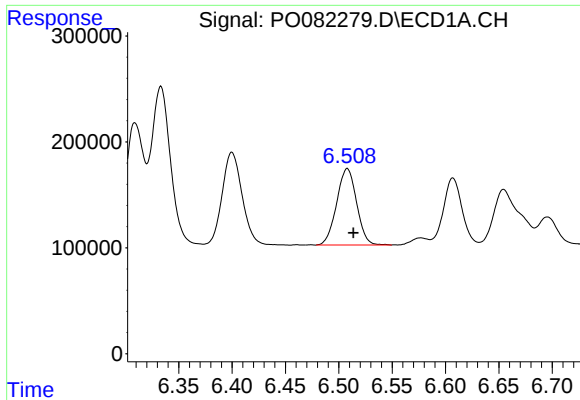
#18 AR-1242-3

R.T.: 6.400 min
Delta R.T.: -0.006 min
Response: 1159474
Conc: 716.85 ng/ml



#18 AR-1242-3

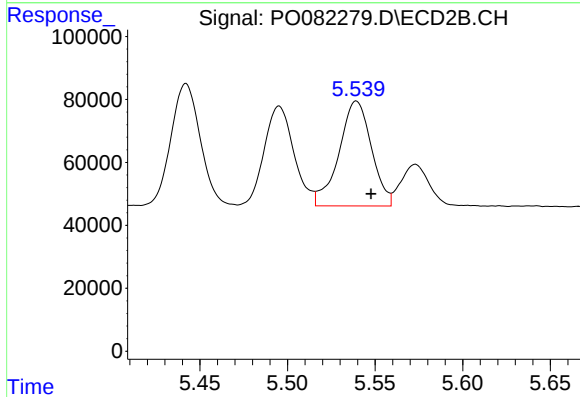
R.T.: 5.442 min
Delta R.T.: -0.008 min
Response: 450155
Conc: 669.09 ng/ml



#19 AR-1242-4

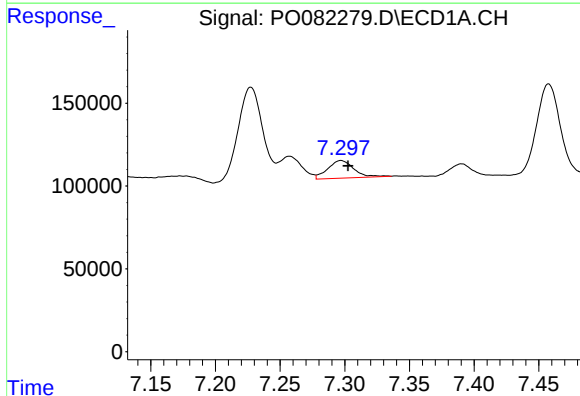
R.T.: 6.508 min
Delta R.T.: -0.006 min
Response: 940209
Conc: 736.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



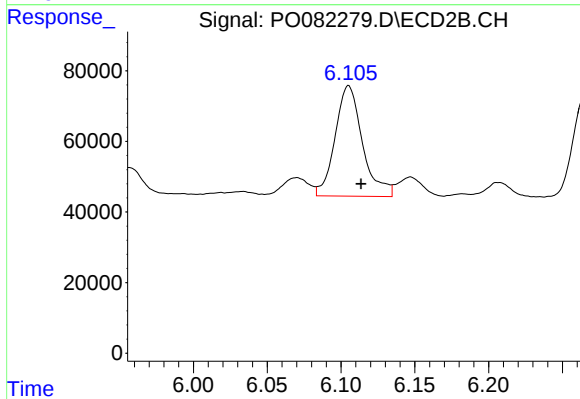
#19 AR-1242-4

R.T.: 5.539 min
Delta R.T.: -0.008 min
Response: 429781
Conc: 640.25 ng/ml



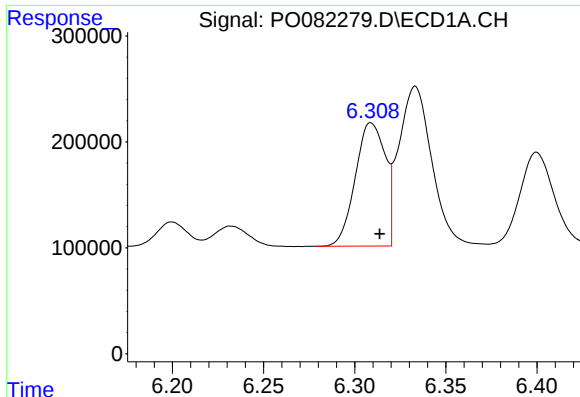
#20 AR-1242-5

R.T.: 7.297 min
Delta R.T.: -0.005 min
Response: 147971
Conc: 116.34 ng/ml



#20 AR-1242-5

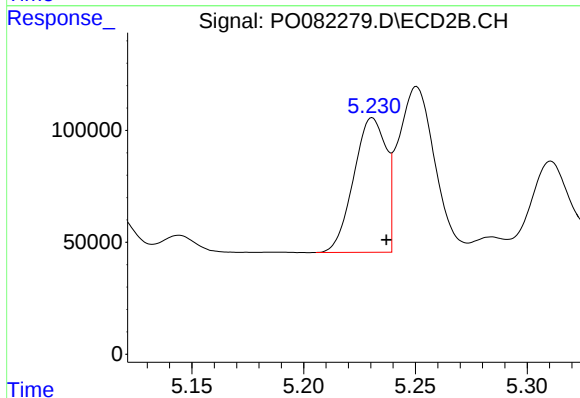
R.T.: 6.105 min
Delta R.T.: -0.008 min
Response: 403713
Conc: 469.85 ng/ml



#21 AR-1248-1

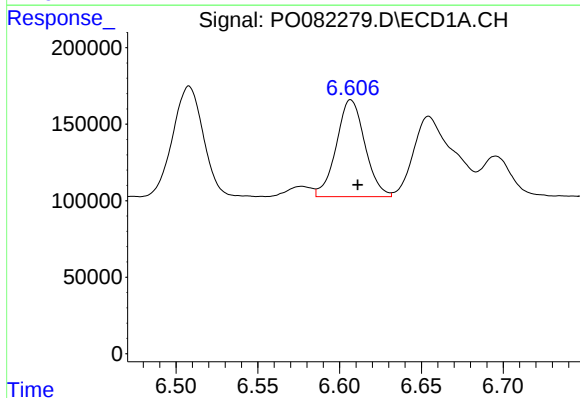
R.T.: 6.309 min
Delta R.T.: -0.005 min
Response: 1332948
Conc: 895.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



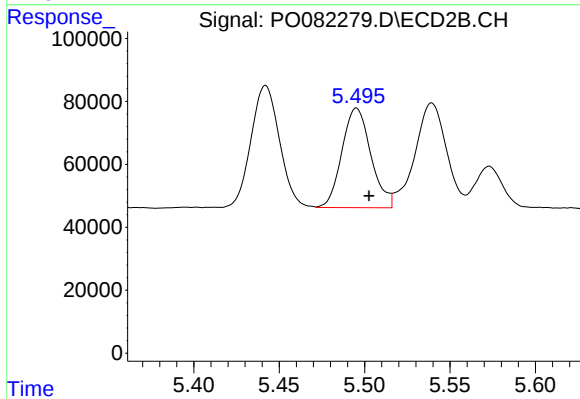
#21 AR-1248-1

R.T.: 5.231 min
Delta R.T.: -0.006 min
Response: 604309
Conc: 827.26 ng/ml



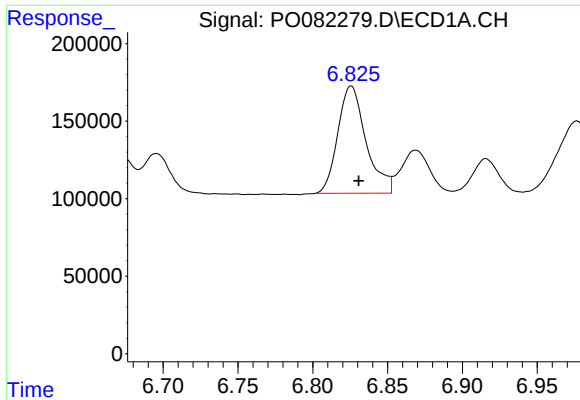
#22 AR-1248-2

R.T.: 6.607 min
Delta R.T.: -0.004 min
Response: 769797
Conc: 395.88 ng/ml



#22 AR-1248-2

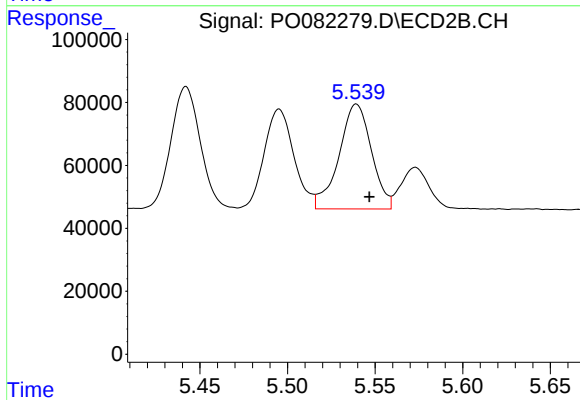
R.T.: 5.495 min
Delta R.T.: -0.007 min
Response: 373444
Conc: 388.35 ng/ml



#23 AR-1248-3

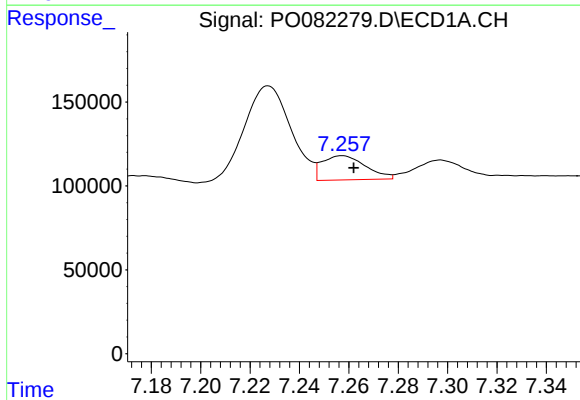
R.T.: 6.826 min
Delta R.T.: -0.005 min
Response: 908616
Conc: 418.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



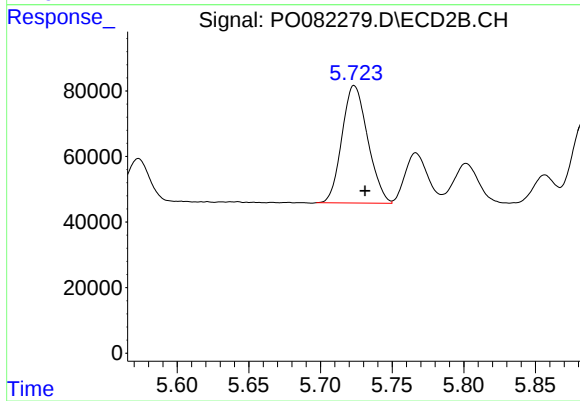
#23 AR-1248-3

R.T.: 5.539 min
Delta R.T.: -0.007 min
Response: 429781
Conc: 436.09 ng/ml



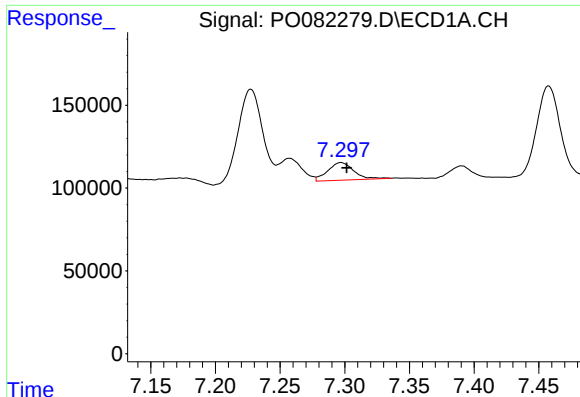
#24 AR-1248-4

R.T.: 7.257 min
Delta R.T.: -0.005 min
Response: 175959
Conc: 74.58 ng/ml



#24 AR-1248-4

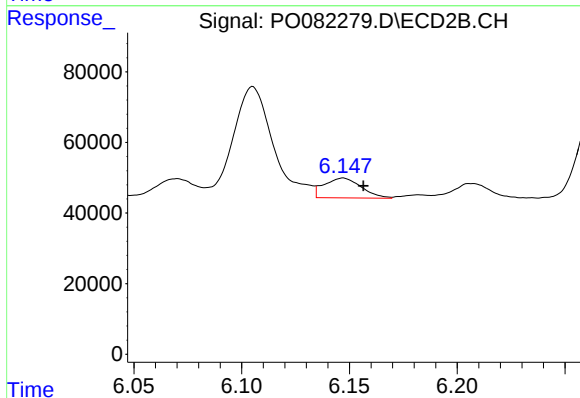
R.T.: 5.724 min
Delta R.T.: -0.008 min
Response: 448229
Conc: 389.95 ng/ml



#25 AR-1248-5

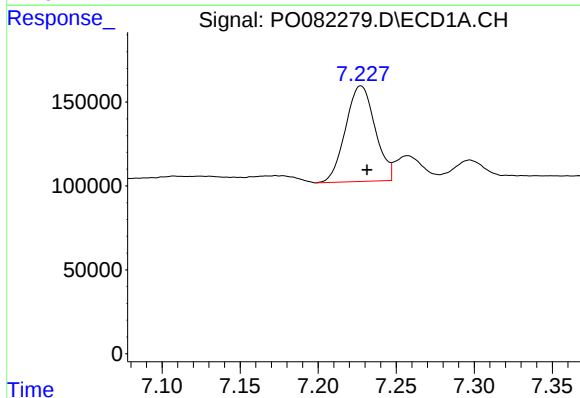
R.T.: 7.297 min
Delta R.T.: -0.005 min
Response: 147971
Conc: 66.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



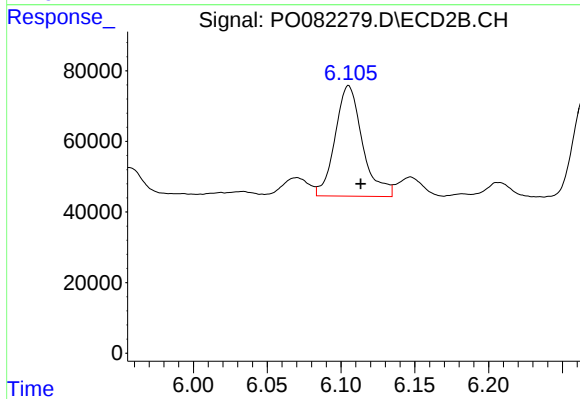
#25 AR-1248-5

R.T.: 6.147 min
Delta R.T.: -0.009 min
Response: 67327
Conc: 61.97 ng/ml



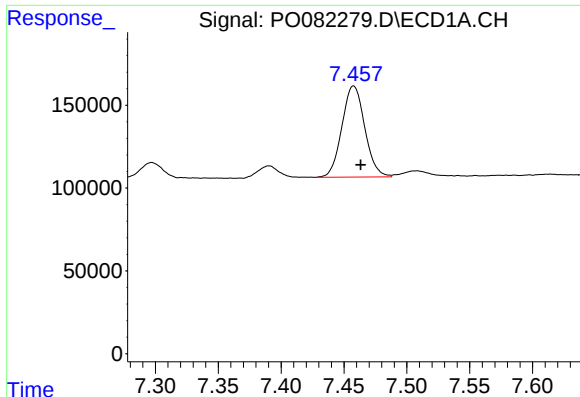
#26 AR-1254-1

R.T.: 7.227 min
Delta R.T.: -0.004 min
Response: 750477
Conc: 313.37 ng/ml



#26 AR-1254-1

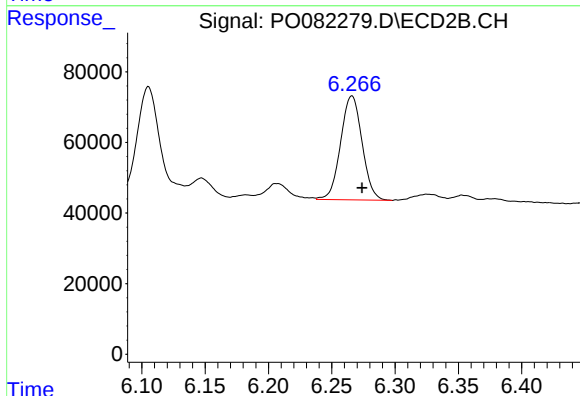
R.T.: 6.105 min
Delta R.T.: -0.008 min
Response: 403713
Conc: 242.42 ng/ml



#27 AR-1254-2

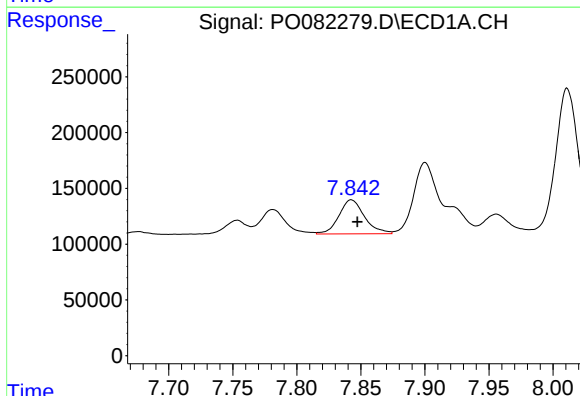
R.T.: 7.458 min
Delta R.T.: -0.006 min
Response: 696626
Conc: 190.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



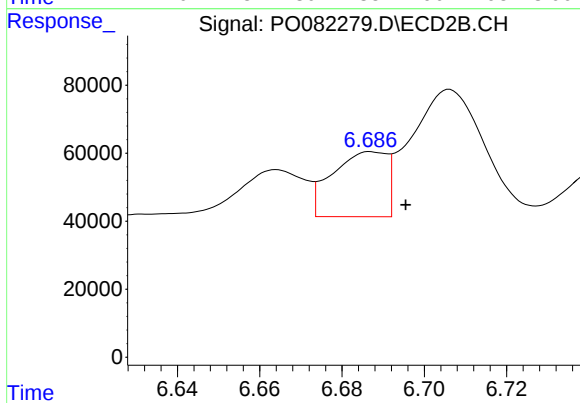
#27 AR-1254-2

R.T.: 6.266 min
Delta R.T.: -0.008 min
Response: 348064
Conc: 233.13 ng/ml



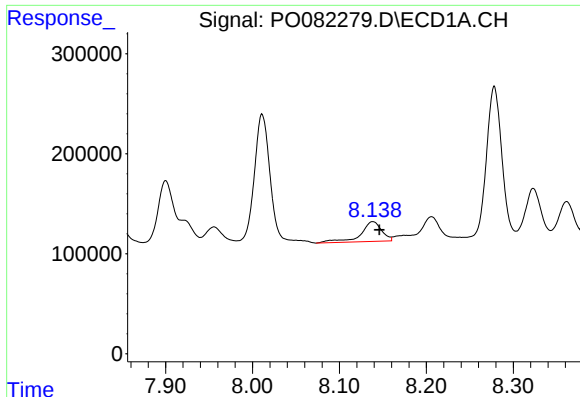
#28 AR-1254-3

R.T.: 7.843 min
Delta R.T.: -0.005 min
Response: 423689
Conc: 117.08 ng/ml



#28 AR-1254-3

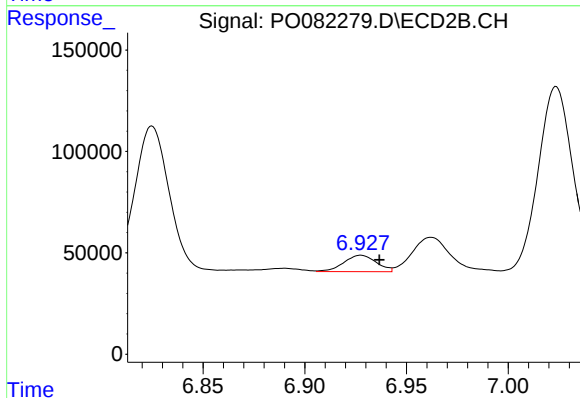
R.T.: 6.687 min
Delta R.T.: -0.008 min
Response: 175872
Conc: 78.54 ng/ml



#29 AR-1254-4

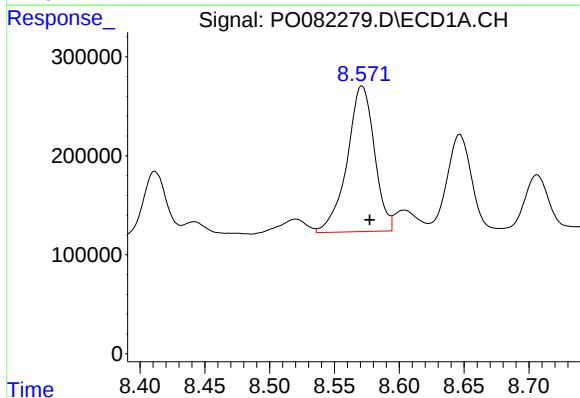
R.T.: 8.138 min
Delta R.T.: -0.008 min
Response: 337413
Conc: 125.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



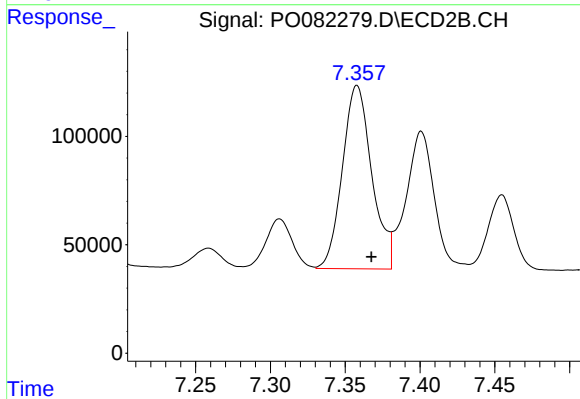
#29 AR-1254-4

R.T.: 6.928 min
Delta R.T.: -0.009 min
Response: 90008
Conc: 61.28 ng/ml



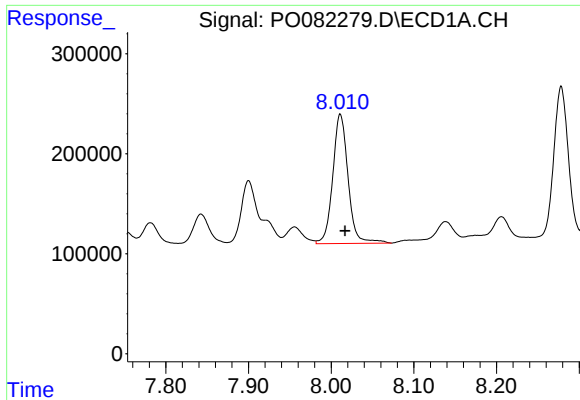
#30 AR-1254-5

R.T.: 8.571 min
Delta R.T.: -0.006 min
Response: 2155841
Conc: 740.21 ng/ml



#30 AR-1254-5

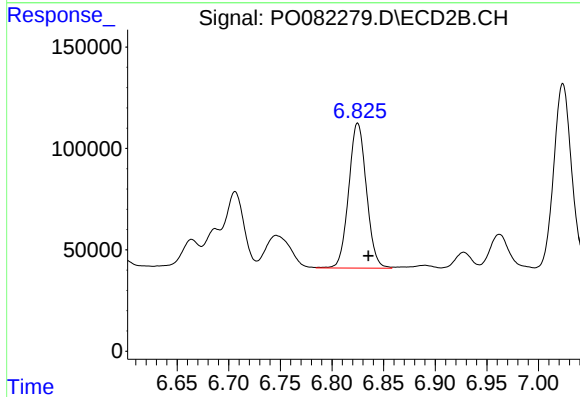
R.T.: 7.358 min
Delta R.T.: -0.010 min
Response: 1158117
Conc: 562.38 ng/ml



#31 AR-1260-1

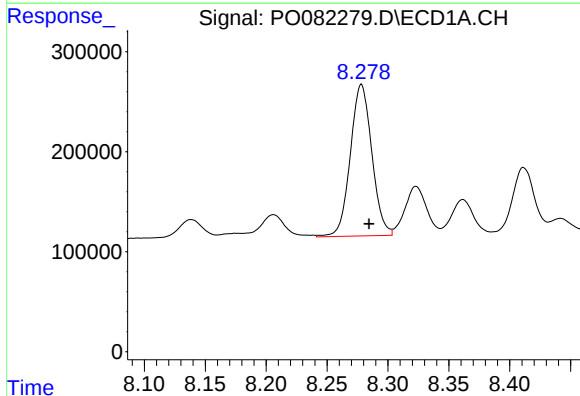
R.T.: 8.011 min
Delta R.T.: -0.006 min
Response: 1666963
Conc: 590.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



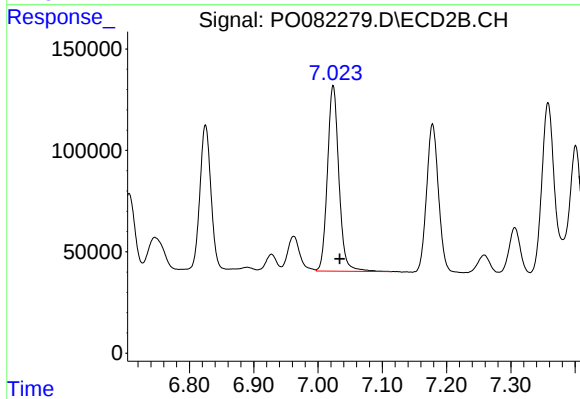
#31 AR-1260-1

R.T.: 6.825 min
Delta R.T.: -0.010 min
Response: 855071
Conc: 516.55 ng/ml



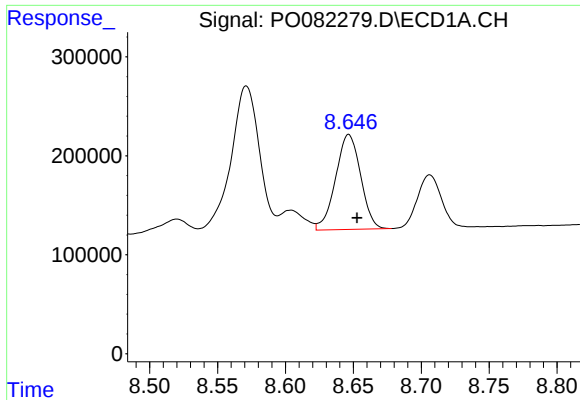
#32 AR-1260-2

R.T.: 8.278 min
Delta R.T.: -0.006 min
Response: 1866512
Conc: 561.07 ng/ml



#32 AR-1260-2

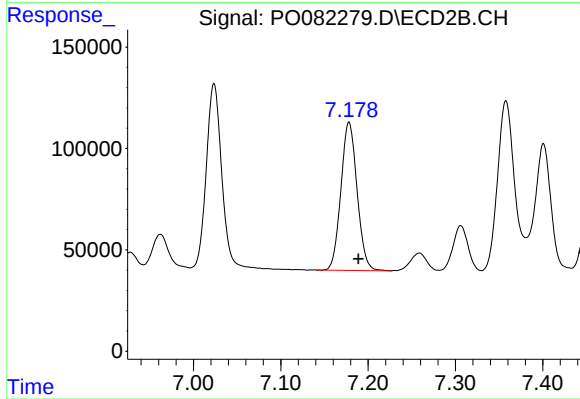
R.T.: 7.024 min
Delta R.T.: -0.010 min
Response: 1133228
Conc: 564.97 ng/ml



#33 AR-1260-3

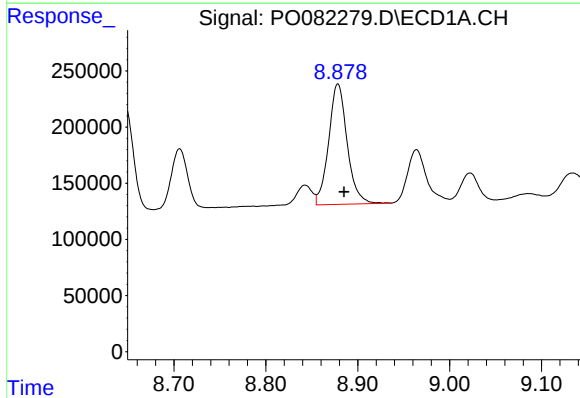
R.T.: 8.647 min
Delta R.T.: -0.006 min
Response: 1235096
Conc: 547.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



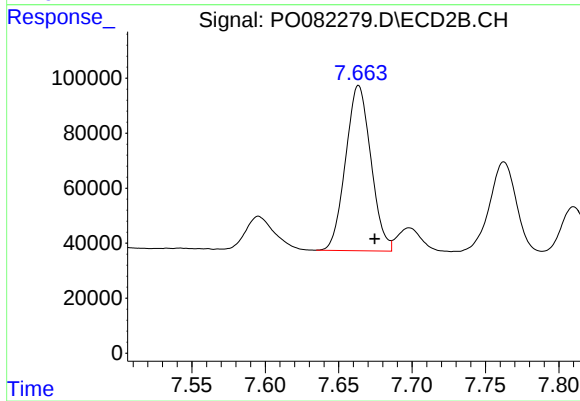
#33 AR-1260-3

R.T.: 7.178 min
Delta R.T.: -0.011 min
Response: 942164
Conc: 497.33 ng/ml



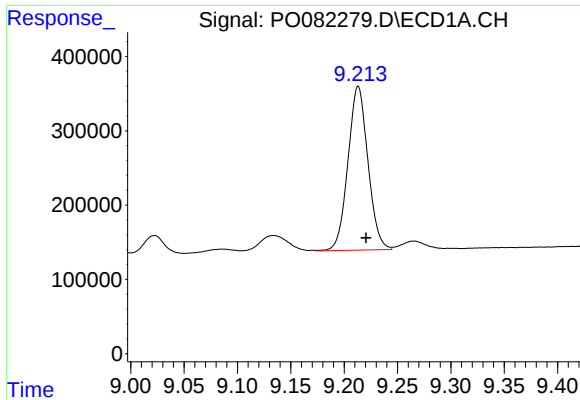
#34 AR-1260-4

R.T.: 8.878 min
Delta R.T.: -0.007 min
Response: 1499174
Conc: 566.29 ng/ml



#34 AR-1260-4

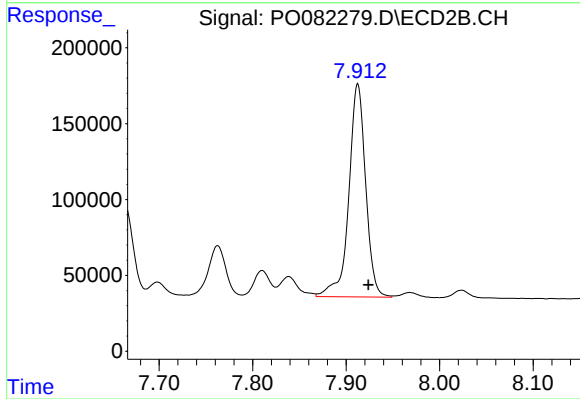
R.T.: 7.664 min
Delta R.T.: -0.011 min
Response: 720577
Conc: 525.72 ng/ml



#35 AR-1260-5

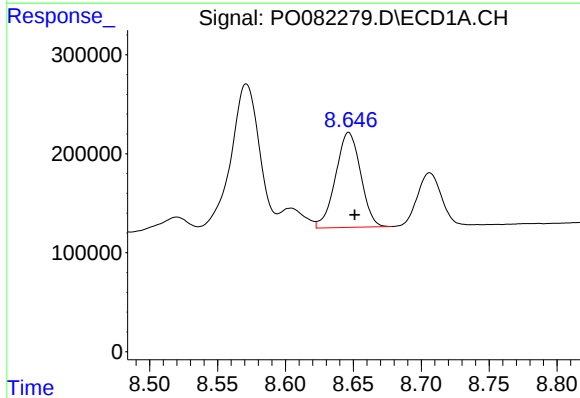
R.T.: 9.213 min
Delta R.T.: -0.007 min
Response: 2874615
Conc: 524.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



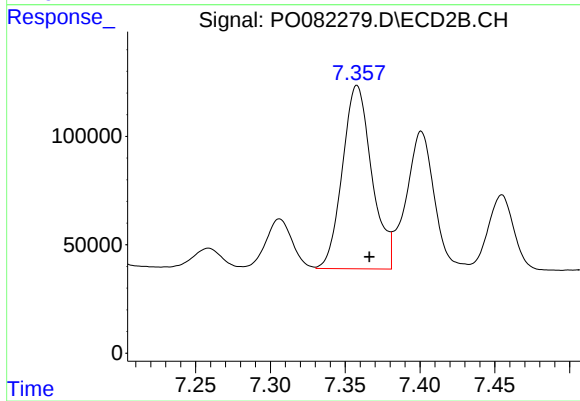
#35 AR-1260-5

R.T.: 7.912 min
Delta R.T.: -0.011 min
Response: 1758638
Conc: 532.24 ng/ml



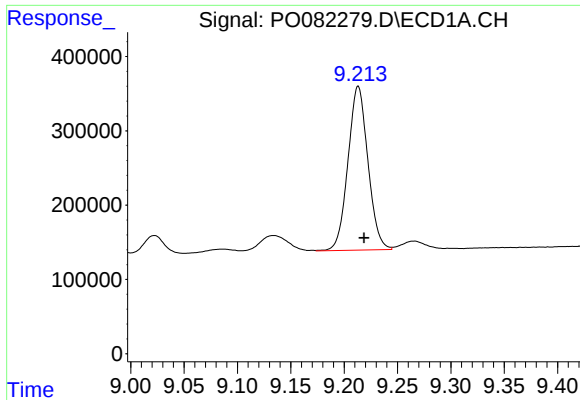
#36 AR-1262-1

R.T.: 8.647 min
Delta R.T.: -0.004 min
Response: 1235096
Conc: 361.06 ng/ml



#36 AR-1262-1

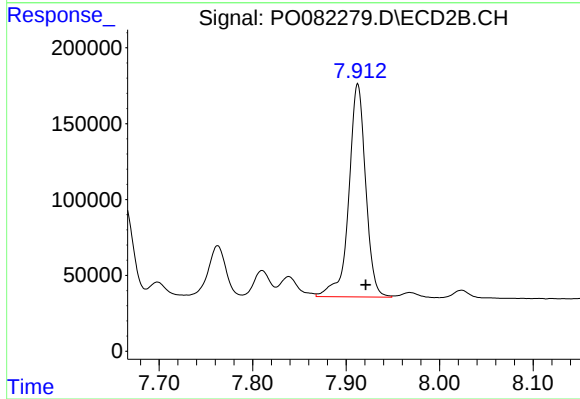
R.T.: 7.358 min
Delta R.T.: -0.008 min
Response: 1158117
Conc: 1049.87 ng/ml



#37 AR-1262-2

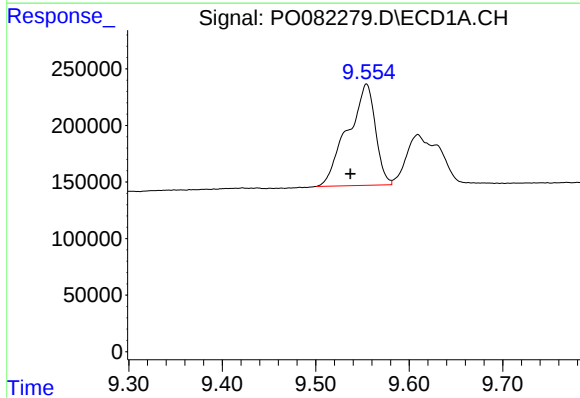
R.T.: 9.213 min
Delta R.T.: -0.005 min
Response: 2874615
Conc: 457.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



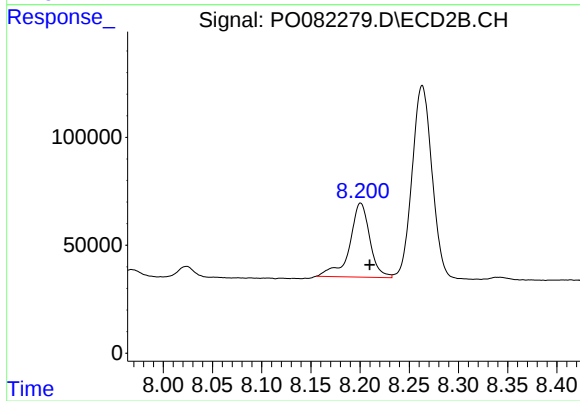
#37 AR-1262-2

R.T.: 7.912 min
Delta R.T.: -0.009 min
Response: 1758638
Conc: 492.26 ng/ml



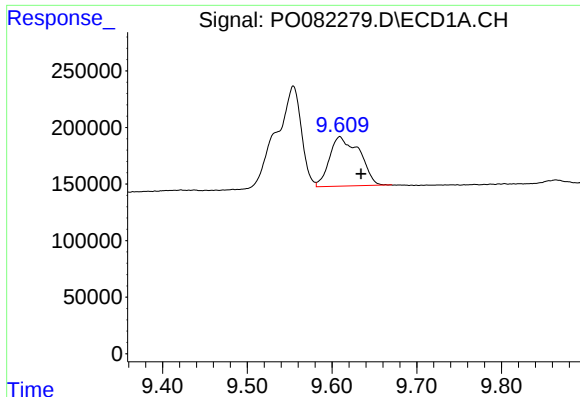
#38 AR-1262-3

R.T.: 9.554 min
Delta R.T.: 0.017 min
Response: 1839333
Conc: 668.79 ng/ml



#38 AR-1262-3

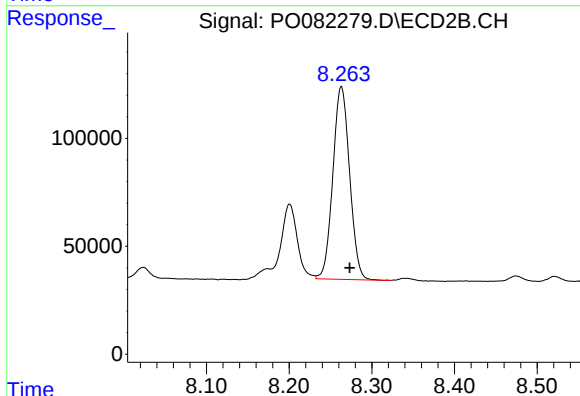
R.T.: 8.201 min
Delta R.T.: -0.009 min
Response: 490336
Conc: 325.76 ng/ml



#39 AR-1262-4

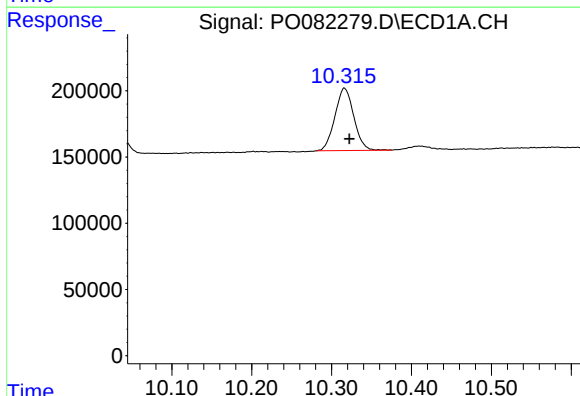
R.T.: 9.609 min
Delta R.T.: -0.025 min
Response: 1072707
Conc: 640.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



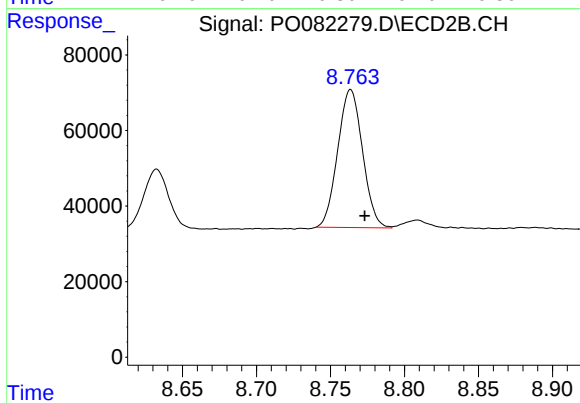
#39 AR-1262-4

R.T.: 8.263 min
Delta R.T.: -0.010 min
Response: 1257088
Conc: 472.32 ng/ml



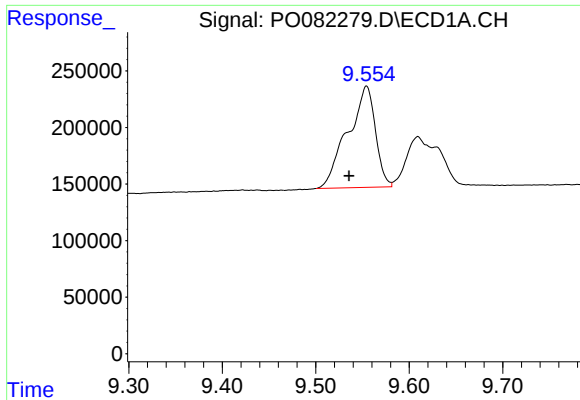
#40 AR-1262-5

R.T.: 10.316 min
Delta R.T.: -0.006 min
Response: 775894
Conc: 340.48 ng/ml



#40 AR-1262-5

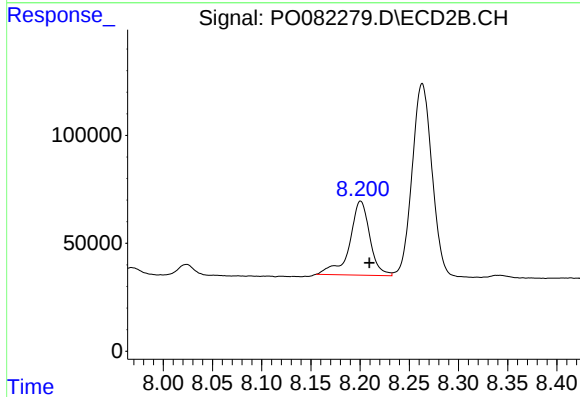
R.T.: 8.764 min
Delta R.T.: -0.009 min
Response: 426367
Conc: 337.55 ng/ml



#41 AR-1268-1

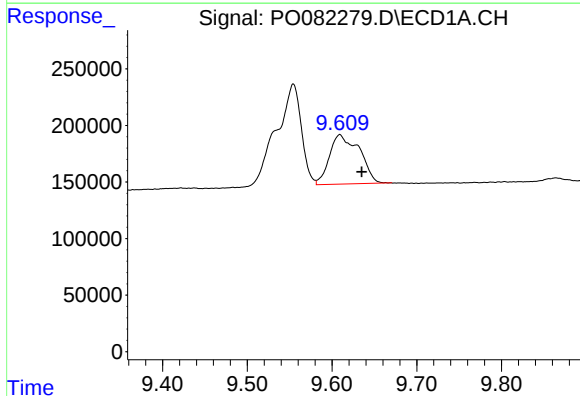
R.T.: 9.554 min
Delta R.T.: 0.019 min
Response: 1839333
Conc: 246.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



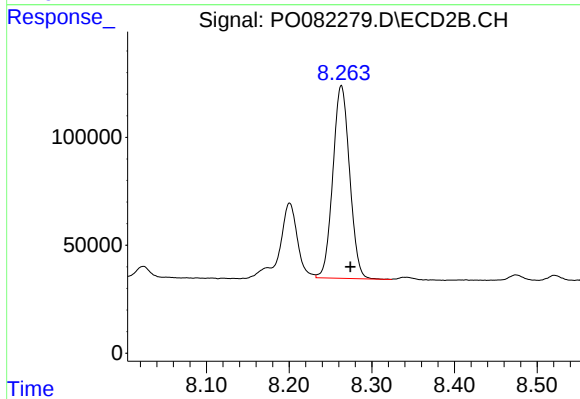
#41 AR-1268-1

R.T.: 8.201 min
Delta R.T.: -0.009 min
Response: 490336
Conc: 116.36 ng/ml



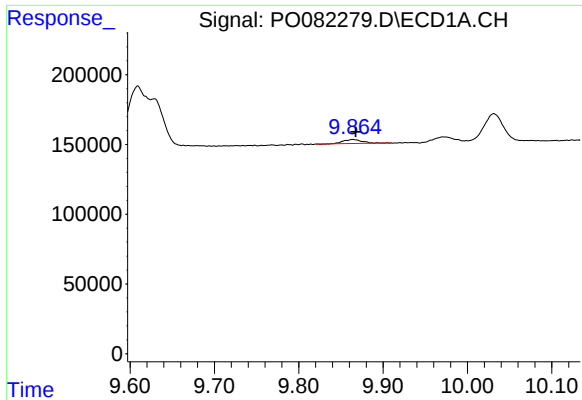
#42 AR-1268-2

R.T.: 9.609 min
Delta R.T.: -0.026 min
Response: 1072707
Conc: 158.56 ng/ml



#42 AR-1268-2

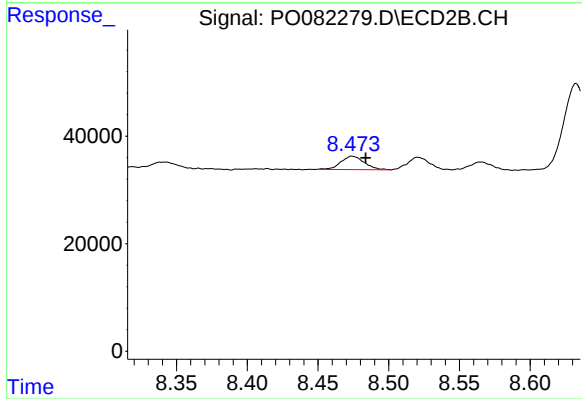
R.T.: 8.263 min
Delta R.T.: -0.011 min
Response: 1257088
Conc: 330.93 ng/ml



#43 AR-1268-3

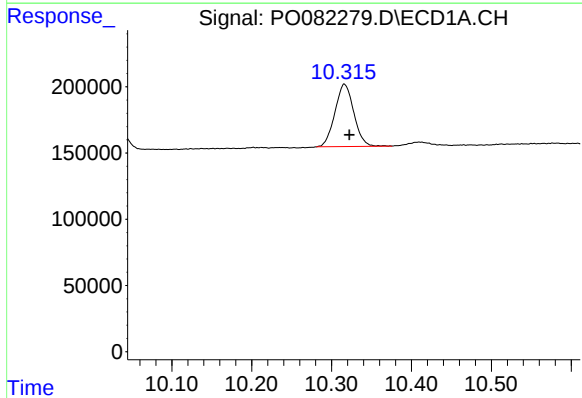
R.T.: 9.864 min
Delta R.T.: -0.003 min
Response: 44664
Conc: 7.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



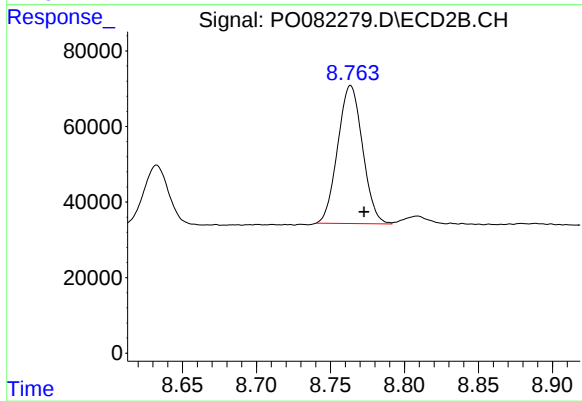
#43 AR-1268-3

R.T.: 8.474 min
Delta R.T.: -0.009 min
Response: 28803
Conc: 8.88 ng/ml



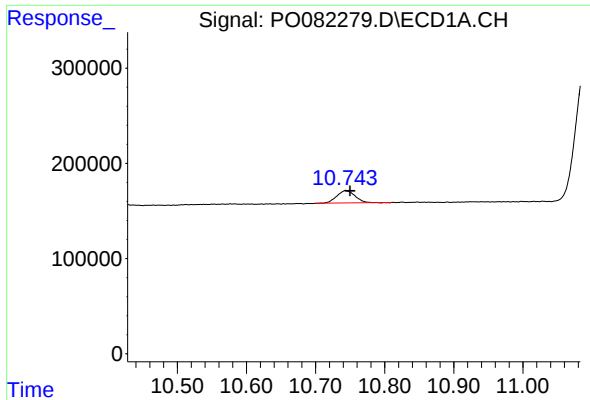
#44 AR-1268-4

R.T.: 10.316 min
Delta R.T.: -0.006 min
Response: 775894
Conc: 306.61 ng/ml



#44 AR-1268-4

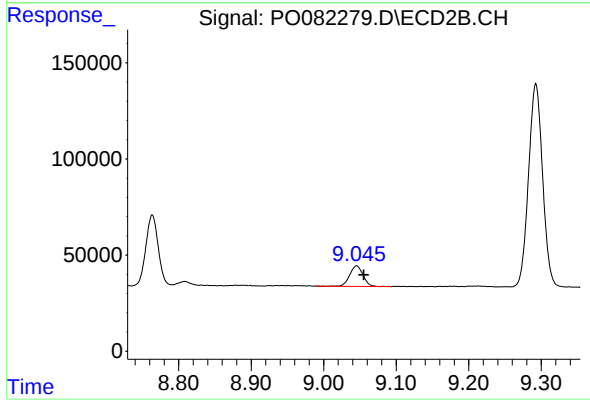
R.T.: 8.764 min
Delta R.T.: -0.009 min
Response: 426367
Conc: 306.93 ng/ml



#45 AR-1268-5

R.T.: 10.744 min
Delta R.T.: -0.007 min
Response: 237032
Conc: 11.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.045 min
Delta R.T.: -0.010 min
Response: 136352
Conc: 14.09 ng/ml