

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082319\
 Data File : P0059757.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 23 Aug 2019 18:39
 Operator : SM/AJ
 Sample : K4477-01MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 23 22:25:29 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...	4.123	3.497	974305	904520	27.827	25.129
2)	SA Decachlor...	9.596	8.359	991910	798986	18.645	19.816
Target Compounds							
3)	L1 AR-1016-1	5.274	4.548	344583	353050	214.844	261.143
4)	L1 AR-1016-2	5.295	4.565	587088	518460	245.387	258.841
5)	L1 AR-1016-3	5.356	4.738	405610	280671	272.308	259.434
6)	L1 AR-1016-4	5.454	4.778	328860	224695	271.842	248.834
7)	L1 AR-1016-5	5.742	4.986	345952	251998	269.404	218.762
8)	L2 AR-1221-1	4.332	3.702	39439	32944	93.131	82.074
9)	L2 AR-1221-2	4.452	3.787	428	48693	1.317	159.847 #
10)	L2 AR-1221-3	4.536	3.860	1803	177229	1.714	181.132 #
11)	L3 AR-1232-1	4.536	3.860	1803	177229	1.447	155.446 #
12)	L3 AR-1232-2	5.053	4.594	1737	46995	2.459	36.900 #
13)	L3 AR-1232-3	5.295	4.738	587088	280671	383.376	412.199
14)	L3 AR-1232-4	5.454	4.848	328860	95029	420.602	155.771 #
15)	L3 AR-1232-5	5.583	4.986	311144	251998	517.599	370.184 #
16)	L4 AR-1242-1	5.295	4.565	587088	518460	462.450	504.015
17)	L4 AR-1242-2	5.295	4.594	587088	46995	316.378	30.855 #
18)	L4 AR-1242-3	5.356	4.738	405610	280671	347.019	335.930
19)	L4 AR-1242-4	5.454	4.848	328860	95029	339.775	113.892 #
20)	L4 AR-1242-5	6.219	5.328	495	232272	0.394	207.645 #
21)	L5 AR-1248-1	5.274	4.548	344583	353050	343.705	426.376
22)	L5 AR-1248-2	5.540	4.778	294896	224695	203.249	194.857
23)	L5 AR-1248-3	5.742	4.817	345952	271860	208.148	228.887
24)	L5 AR-1248-4	6.141	4.986	56855	251998	27.814	173.423 #
25)	L5 AR-1248-5	6.178	5.369	48981	33617	24.699	23.487
26)	L6 AR-1254-1	6.111	5.328	278876	232272	133.662	97.931 #
27)	L6 AR-1254-2	6.325	5.473	312156	223044	93.565	106.297
28)	L6 AR-1254-3	6.692	5.880	158385	399554	44.635	118.826 #
29)	L6 AR-1254-4	6.974	6.095	115999	36288	39.381	17.600 #
30)	L6 AR-1254-5	7.390	6.503	981438	727510	317.371	234.305 #
31)	L7 AR-1260-1	6.850	5.994	698241	563005	259.009	247.051
32)	L7 AR-1260-2	7.106	6.182	867332	690967	233.752	235.835
33)	L7 AR-1260-3	7.460	6.330	623362	629937	190.262	237.790
34)	L7 AR-1260-4	7.687	6.793	661431	451221	215.357	199.428
35)	L7 AR-1260-5	7.995	7.036	1331915	1067579	188.099	193.988
36)	L8 AR-1262-1	7.517	6.537	345302	555931	71.154	149.141 #
37)	L8 AR-1262-2	8.037	7.036	170630	1067579	22.114	181.590 #
38)	L8 AR-1262-3	8.296	7.310	577739	240575	113.231	94.678
39)	L8 AR-1262-4	8.398	7.376	29291	741195	7.599	167.731 #
41)	L9 AR-1268-1	8.296	7.310	577739	240575	61.392	33.784 #
42)	L9 AR-1268-2	8.398	7.376	29291	741195	3.716	114.949 #

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Operator : SM/AJ
Sample : K4477-01MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

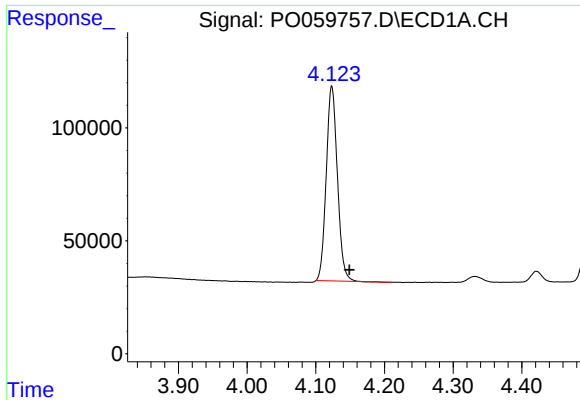
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 23 22:25:29 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
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QLast Update : Sat Aug 17 03:09:44 2019
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43)	L9 AR-1268-3	8.555	7.606	165151	675	23.430	0.123 #
45)	L9 AR-1268-5	9.373	8.134	9648	52456	0.523	3.610 #

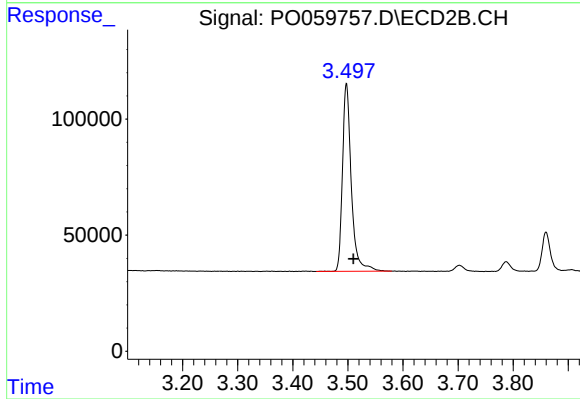
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

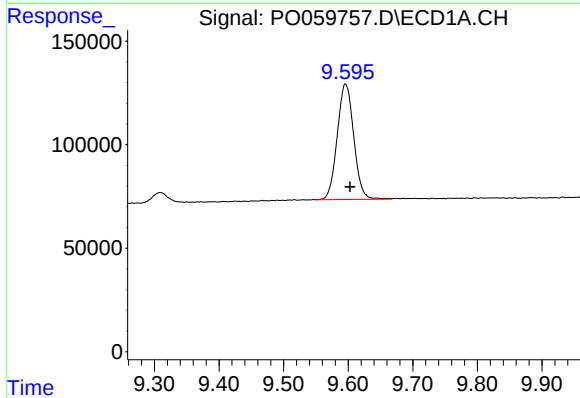
R.T.: 4.123 min
Delta R.T.: -0.026 min
Response: 974305
Conc: 27.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



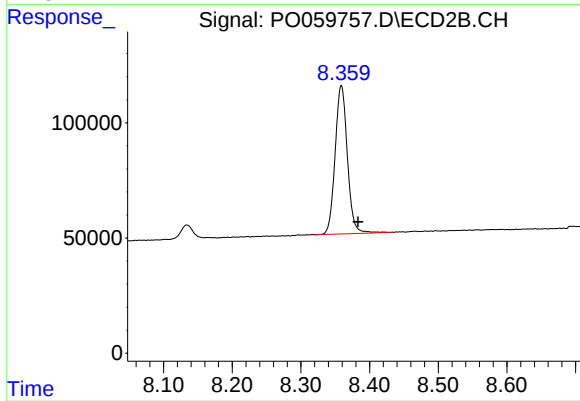
#1 Tetrachloro-m-xylene

R.T.: 3.497 min
Delta R.T.: -0.013 min
Response: 904520
Conc: 25.13 ng/ml



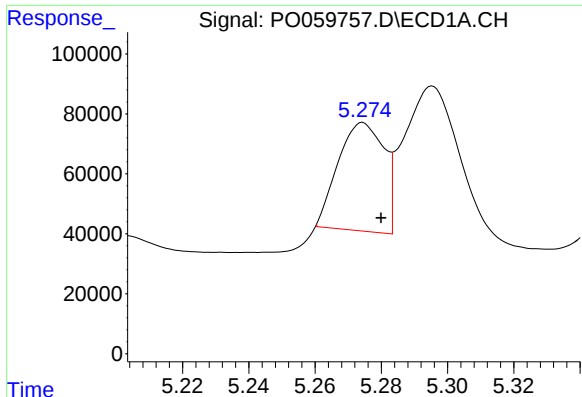
#2 Decachlorobiphenyl

R.T.: 9.596 min
Delta R.T.: -0.007 min
Response: 991910
Conc: 18.64 ng/ml



#2 Decachlorobiphenyl

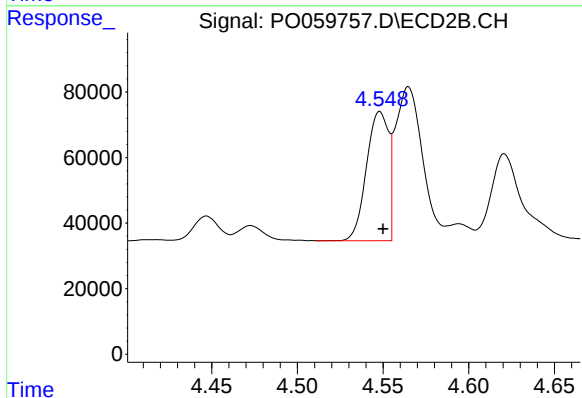
R.T.: 8.359 min
Delta R.T.: -0.024 min
Response: 798986
Conc: 19.82 ng/ml



#3 AR-1016-1

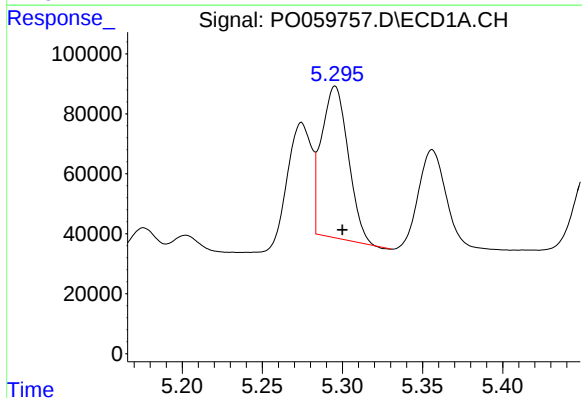
R.T.: 5.274 min
Delta R.T.: -0.006 min
Response: 344583
Conc: 214.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



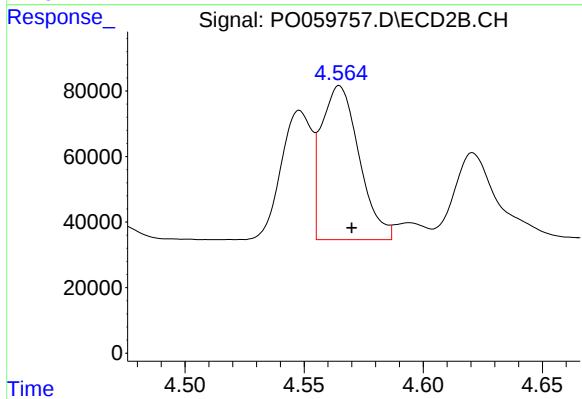
#3 AR-1016-1

R.T.: 4.548 min
Delta R.T.: -0.002 min
Response: 353050
Conc: 261.14 ng/ml



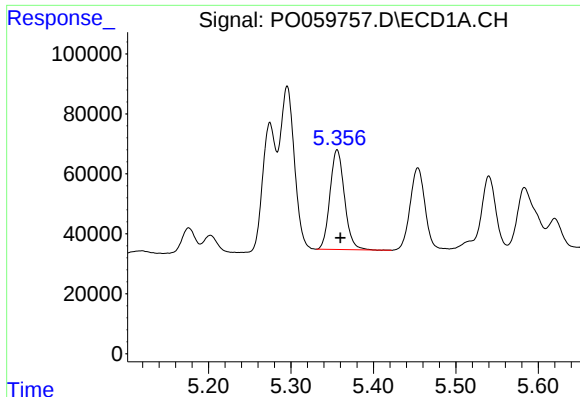
#4 AR-1016-2

R.T.: 5.295 min
Delta R.T.: -0.005 min
Response: 587088
Conc: 245.39 ng/ml



#4 AR-1016-2

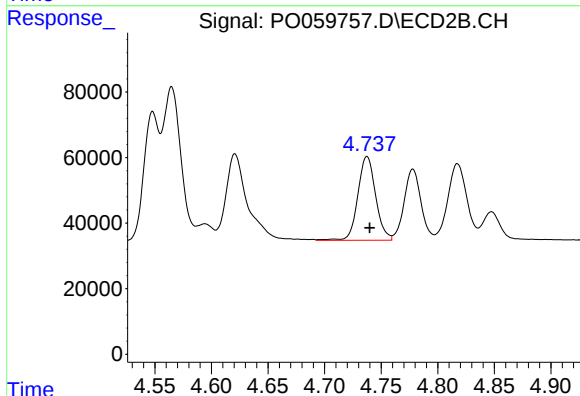
R.T.: 4.565 min
Delta R.T.: -0.005 min
Response: 518460
Conc: 258.84 ng/ml



#5 AR-1016-3

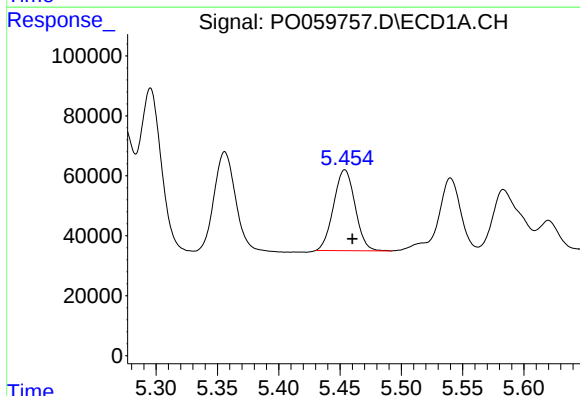
R.T.: 5.356 min
Delta R.T.: -0.004 min
Response: 405610
Conc: 272.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



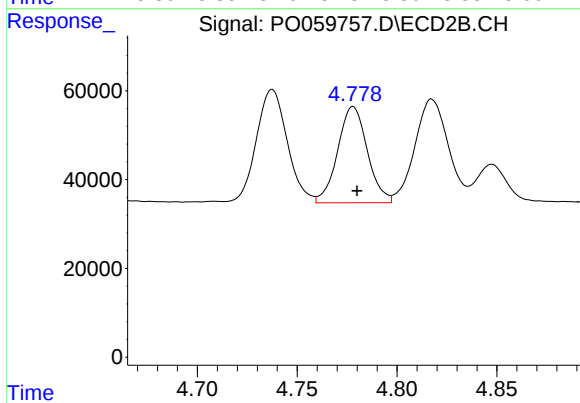
#5 AR-1016-3

R.T.: 4.738 min
Delta R.T.: -0.002 min
Response: 280671
Conc: 259.43 ng/ml



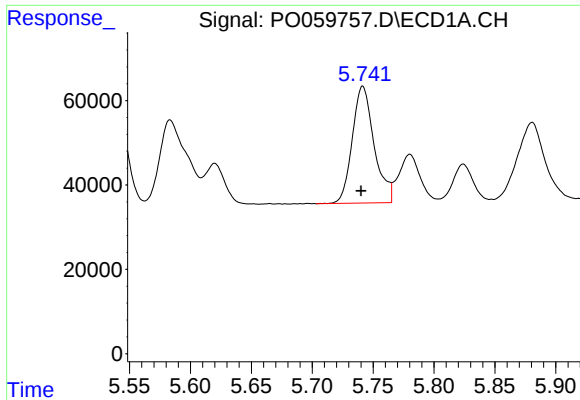
#6 AR-1016-4

R.T.: 5.454 min
Delta R.T.: -0.006 min
Response: 328860
Conc: 271.84 ng/ml



#6 AR-1016-4

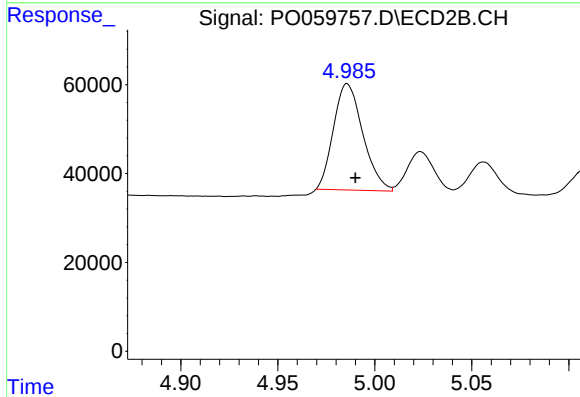
R.T.: 4.778 min
Delta R.T.: -0.002 min
Response: 224695
Conc: 248.83 ng/ml



#7 AR-1016-5

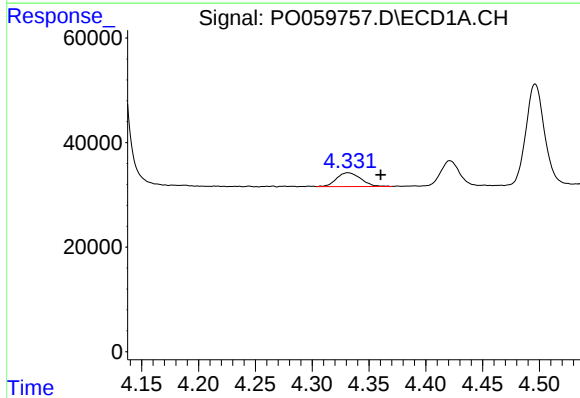
R.T.: 5.742 min
Delta R.T.: 0.002 min
Response: 345952
Conc: 269.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



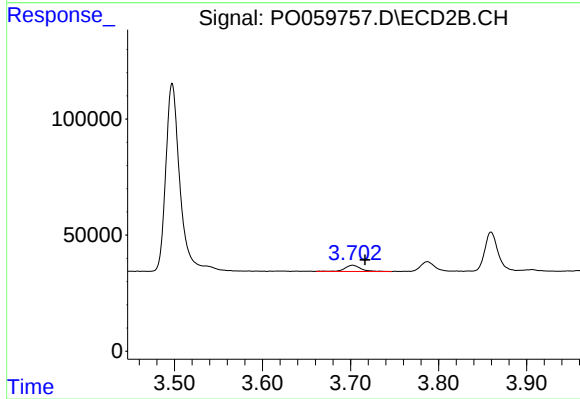
#7 AR-1016-5

R.T.: 4.986 min
Delta R.T.: -0.004 min
Response: 251998
Conc: 218.76 ng/ml



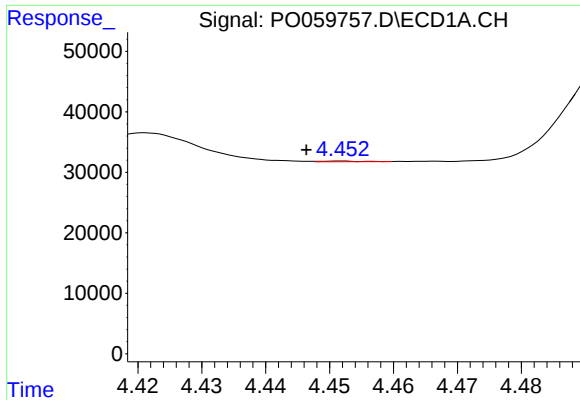
#8 AR-1221-1

R.T.: 4.332 min
Delta R.T.: -0.029 min
Response: 39439
Conc: 93.13 ng/ml



#8 AR-1221-1

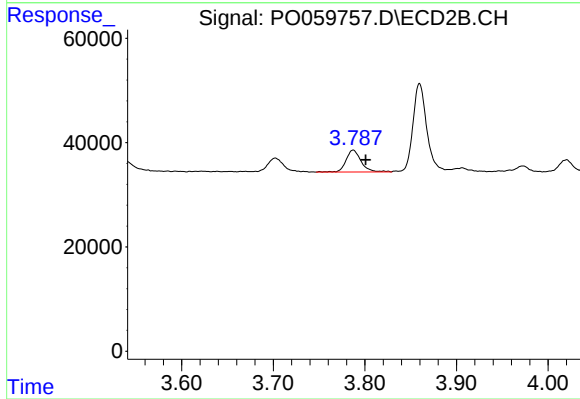
R.T.: 3.702 min
Delta R.T.: -0.014 min
Response: 32944
Conc: 82.07 ng/ml



#9 AR-1221-2

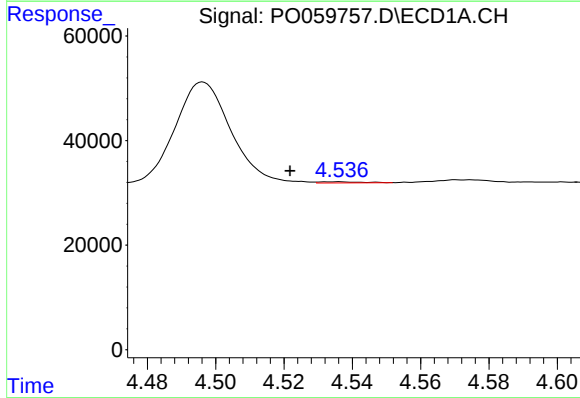
R.T.: 4.452 min
Delta R.T.: 0.005 min
Response: 428
Conc: 1.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



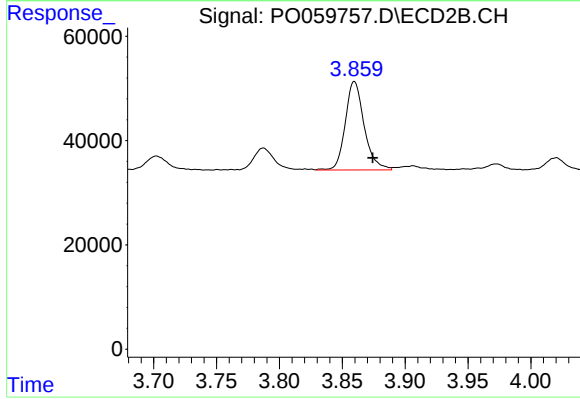
#9 AR-1221-2

R.T.: 3.787 min
Delta R.T.: -0.014 min
Response: 48693
Conc: 159.85 ng/ml



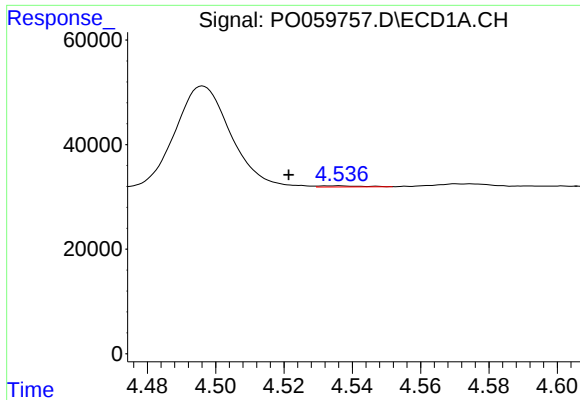
#10 AR-1221-3

R.T.: 4.536 min
Delta R.T.: 0.014 min
Response: 1803
Conc: 1.71 ng/ml



#10 AR-1221-3

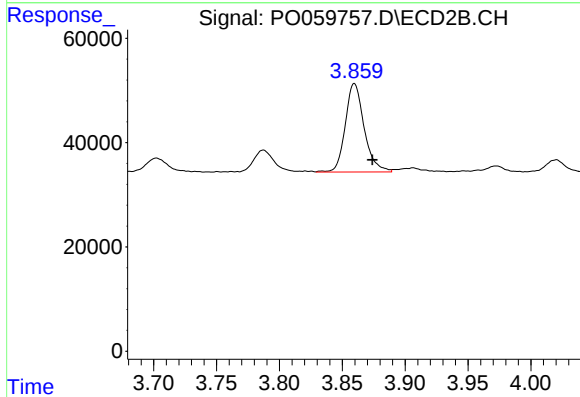
R.T.: 3.860 min
Delta R.T.: -0.015 min
Response: 177229
Conc: 181.13 ng/ml



#11 AR-1232-1

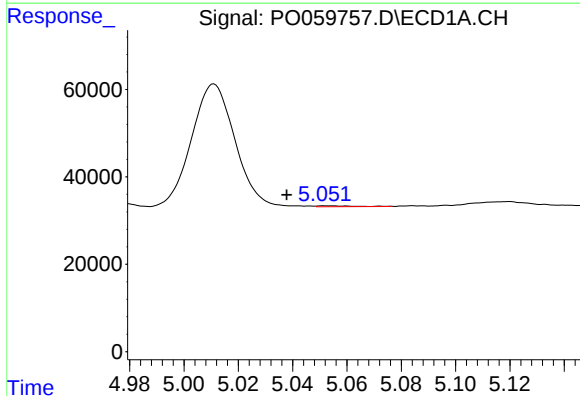
R.T.: 4.536 min
Delta R.T.: 0.014 min
Response: 1803
Conc: 1.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



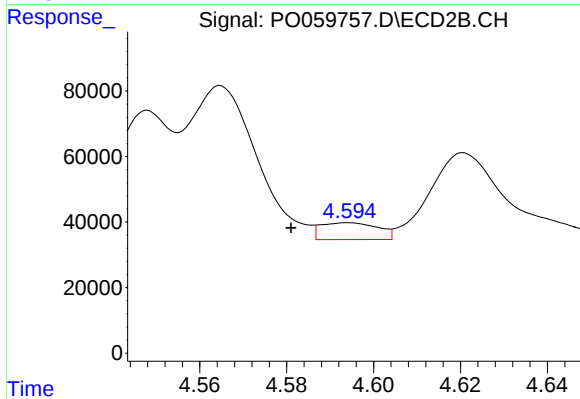
#11 AR-1232-1

R.T.: 3.860 min
Delta R.T.: -0.014 min
Response: 177229
Conc: 155.45 ng/ml



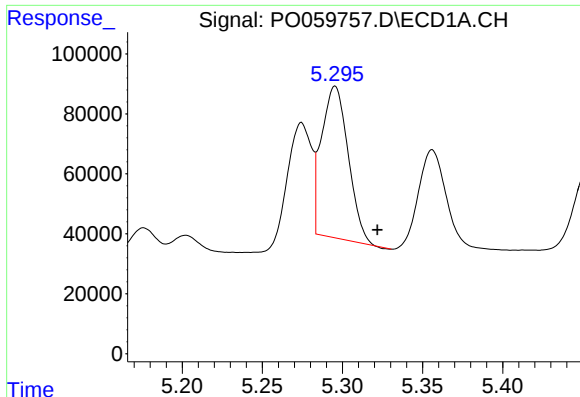
#12 AR-1232-2

R.T.: 5.053 min
Delta R.T.: 0.015 min
Response: 1737
Conc: 2.46 ng/ml



#12 AR-1232-2

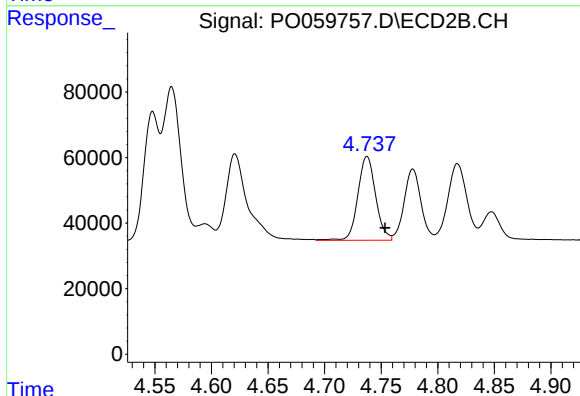
R.T.: 4.594 min
Delta R.T.: 0.013 min
Response: 46995
Conc: 36.90 ng/ml



#13 AR-1232-3

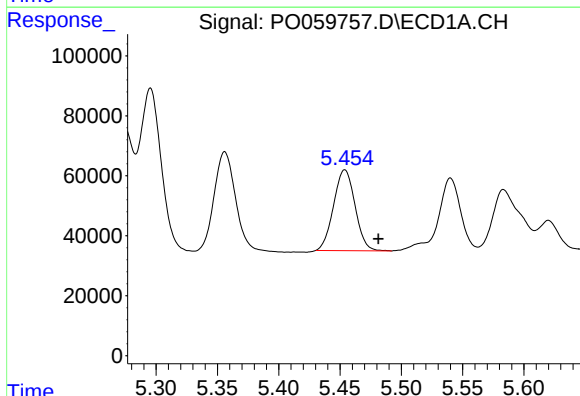
R.T.: 5.295 min
Delta R.T.: -0.026 min
Response: 587088
Conc: 383.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



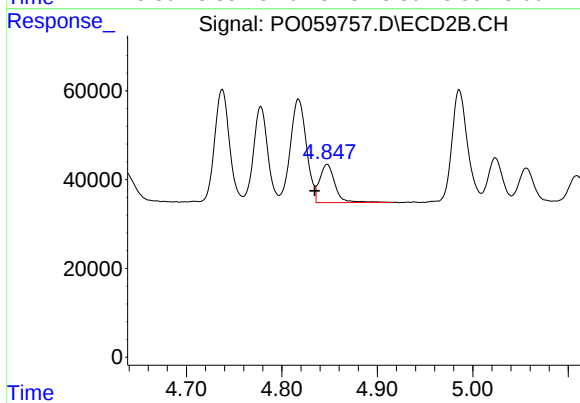
#13 AR-1232-3

R.T.: 4.738 min
Delta R.T.: -0.016 min
Response: 280671
Conc: 412.20 ng/ml



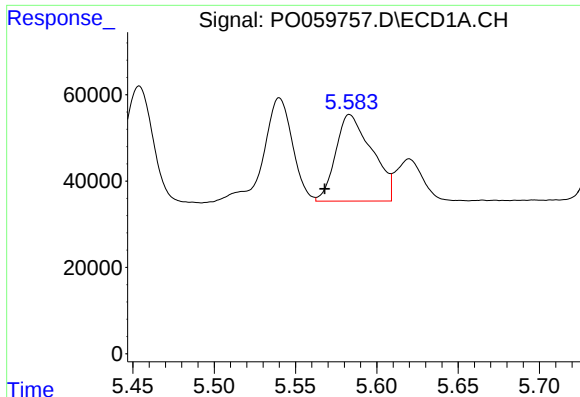
#14 AR-1232-4

R.T.: 5.454 min
Delta R.T.: -0.027 min
Response: 328860
Conc: 420.60 ng/ml



#14 AR-1232-4

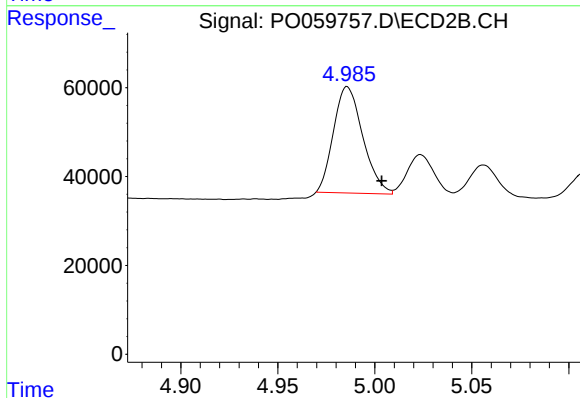
R.T.: 4.848 min
Delta R.T.: 0.013 min
Response: 95029
Conc: 155.77 ng/ml



#15 AR-1232-5

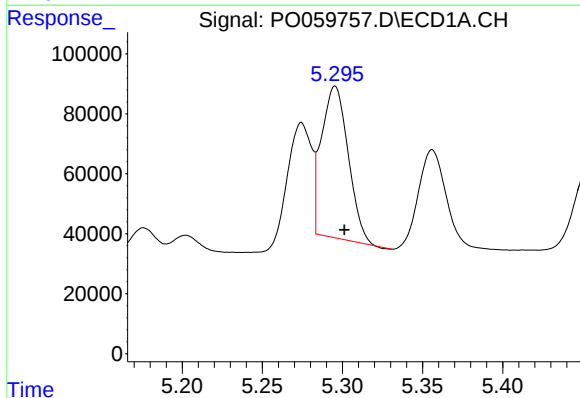
R.T.: 5.583 min
Delta R.T.: 0.015 min
Response: 311144
Conc: 517.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



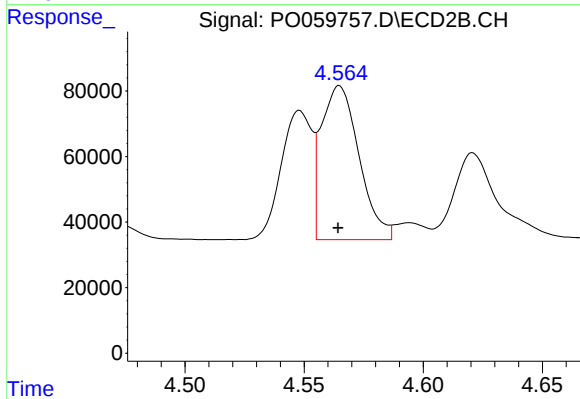
#15 AR-1232-5

R.T.: 4.986 min
Delta R.T.: -0.018 min
Response: 251998
Conc: 370.18 ng/ml



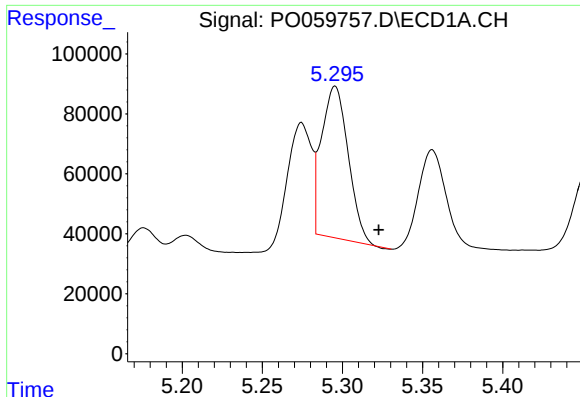
#16 AR-1242-1

R.T.: 5.295 min
Delta R.T.: -0.006 min
Response: 587088
Conc: 462.45 ng/ml



#16 AR-1242-1

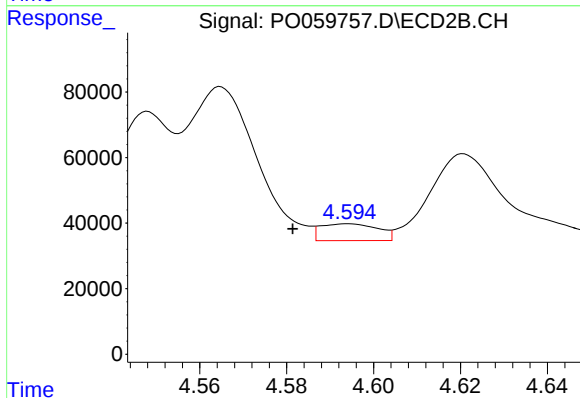
R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 518460
Conc: 504.01 ng/ml



#17 AR-1242-2

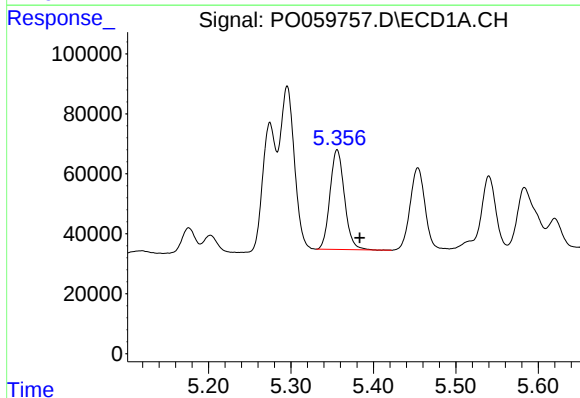
R.T.: 5.295 min
Delta R.T.: -0.027 min
Response: 587088
Conc: 316.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



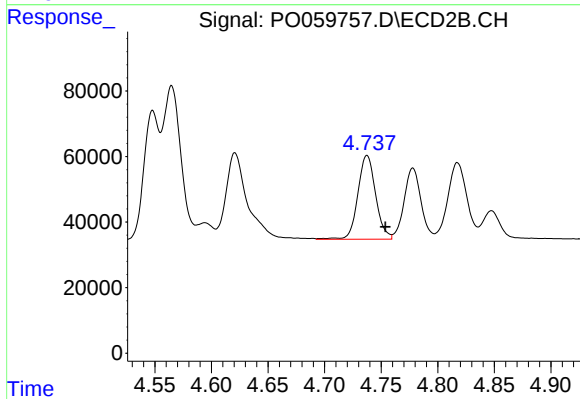
#17 AR-1242-2

R.T.: 4.594 min
Delta R.T.: 0.013 min
Response: 46995
Conc: 30.86 ng/ml



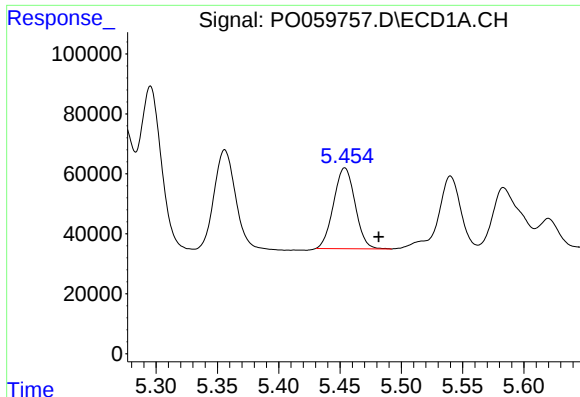
#18 AR-1242-3

R.T.: 5.356 min
Delta R.T.: -0.027 min
Response: 405610
Conc: 347.02 ng/ml



#18 AR-1242-3

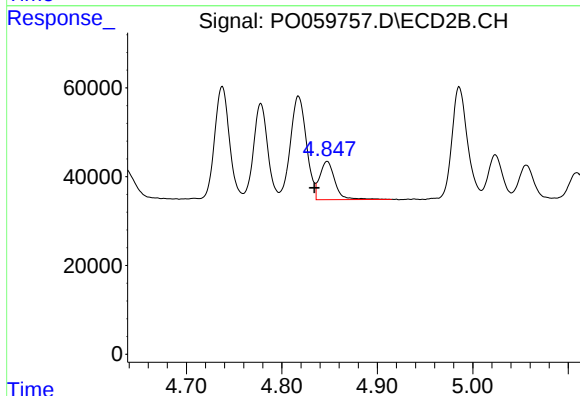
R.T.: 4.738 min
Delta R.T.: -0.016 min
Response: 280671
Conc: 335.93 ng/ml



#19 AR-1242-4

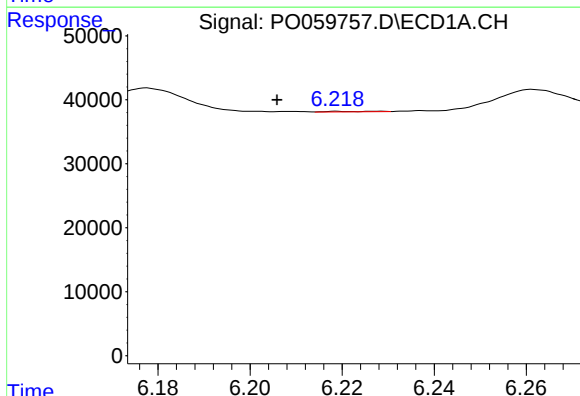
R.T.: 5.454 min
Delta R.T.: -0.028 min
Response: 328860
Conc: 339.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



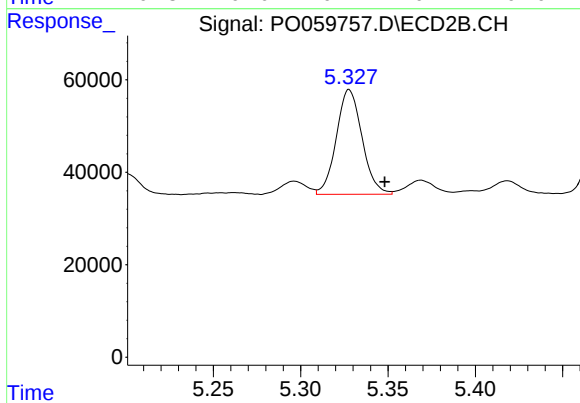
#19 AR-1242-4

R.T.: 4.848 min
Delta R.T.: 0.013 min
Response: 95029
Conc: 113.89 ng/ml



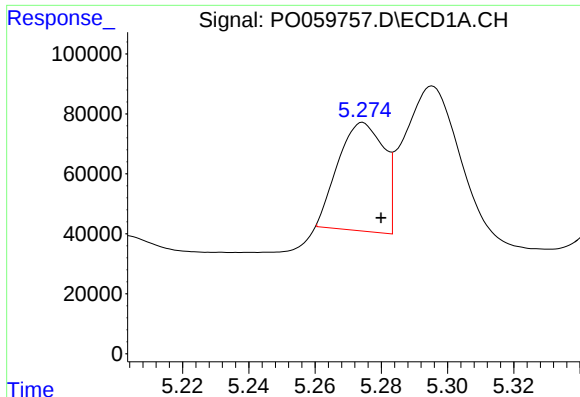
#20 AR-1242-5

R.T.: 6.219 min
Delta R.T.: 0.013 min
Response: 495
Conc: 0.39 ng/ml



#20 AR-1242-5

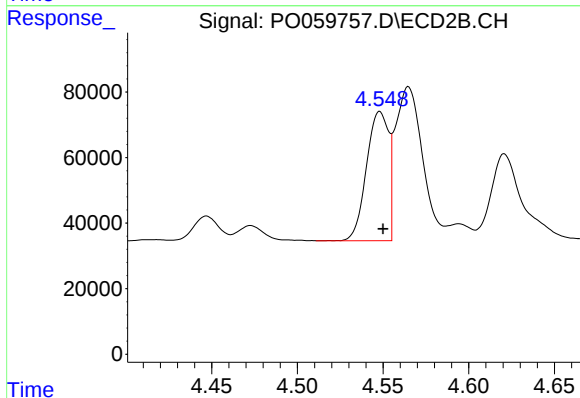
R.T.: 5.328 min
Delta R.T.: -0.020 min
Response: 232272
Conc: 207.64 ng/ml



#21 AR-1248-1

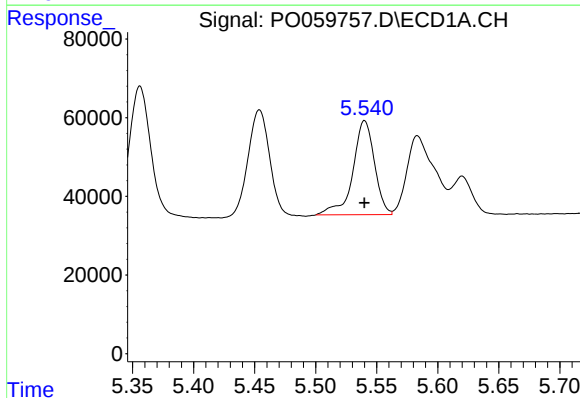
R.T.: 5.274 min
Delta R.T.: -0.006 min
Response: 344583
Conc: 343.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



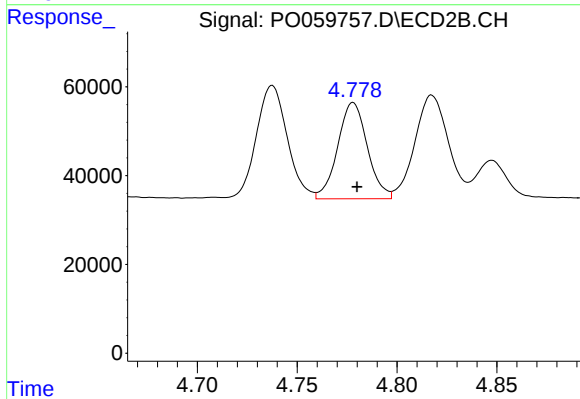
#21 AR-1248-1

R.T.: 4.548 min
Delta R.T.: -0.002 min
Response: 353050
Conc: 426.38 ng/ml



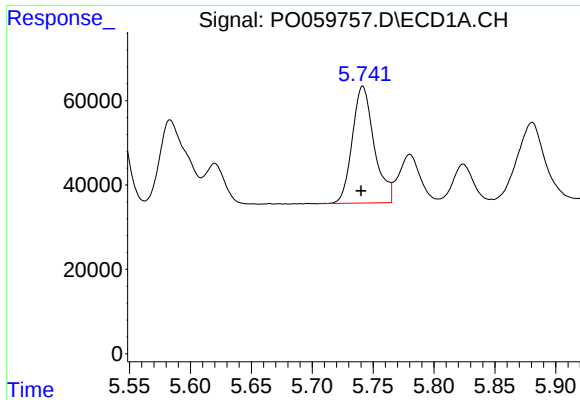
#22 AR-1248-2

R.T.: 5.540 min
Delta R.T.: 0.000 min
Response: 294896
Conc: 203.25 ng/ml



#22 AR-1248-2

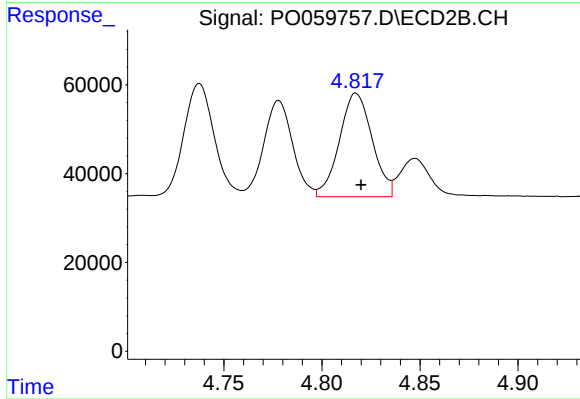
R.T.: 4.778 min
Delta R.T.: -0.002 min
Response: 224695
Conc: 194.86 ng/ml



#23 AR-1248-3

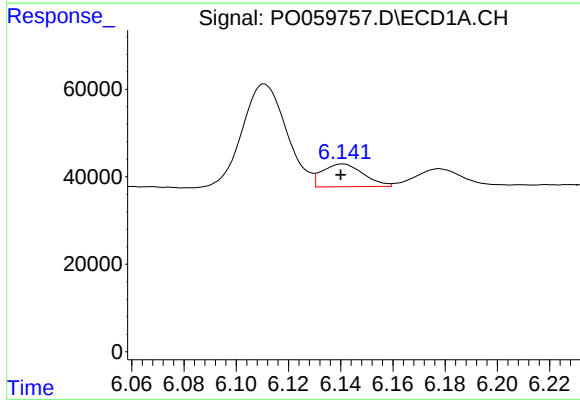
R.T.: 5.742 min
Delta R.T.: 0.002 min
Response: 345952
Conc: 208.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



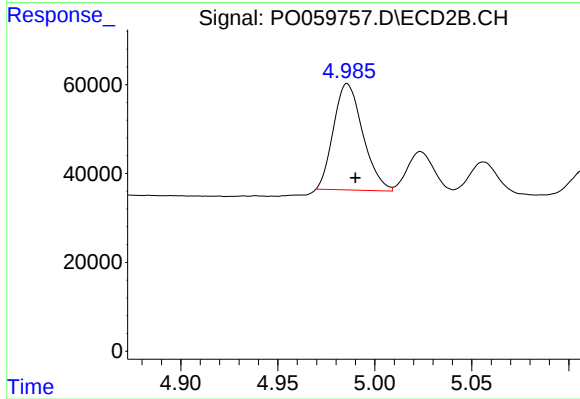
#23 AR-1248-3

R.T.: 4.817 min
Delta R.T.: -0.003 min
Response: 271860
Conc: 228.89 ng/ml



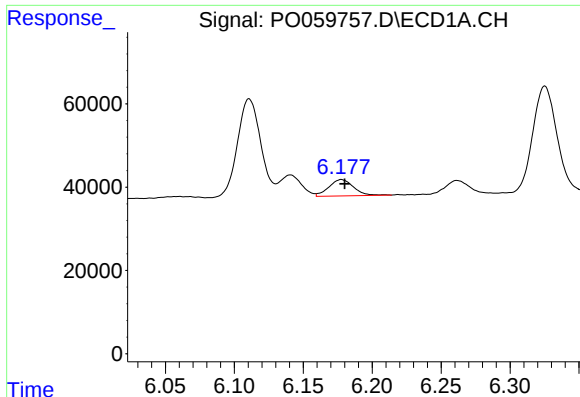
#24 AR-1248-4

R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 56855
Conc: 27.81 ng/ml



#24 AR-1248-4

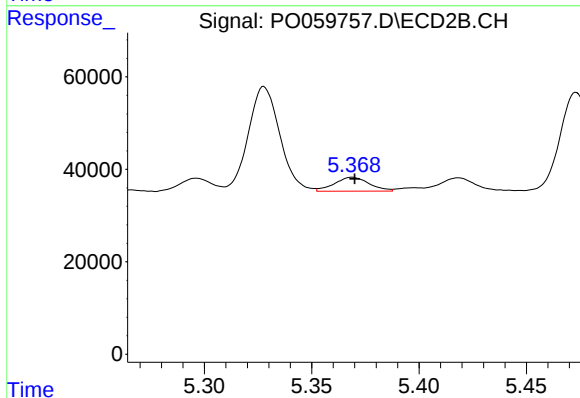
R.T.: 4.986 min
Delta R.T.: -0.004 min
Response: 251998
Conc: 173.42 ng/ml



#25 AR-1248-5

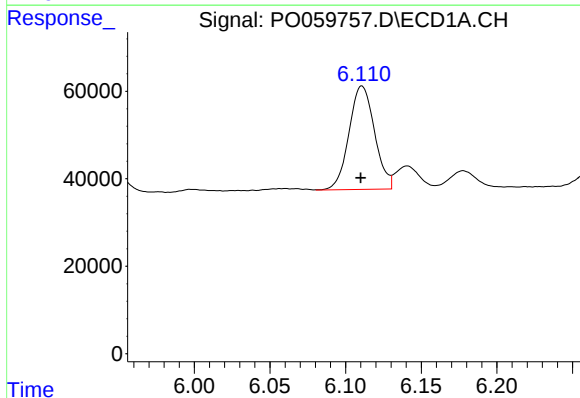
R.T.: 6.178 min
Delta R.T.: -0.002 min
Response: 48981
Conc: 24.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



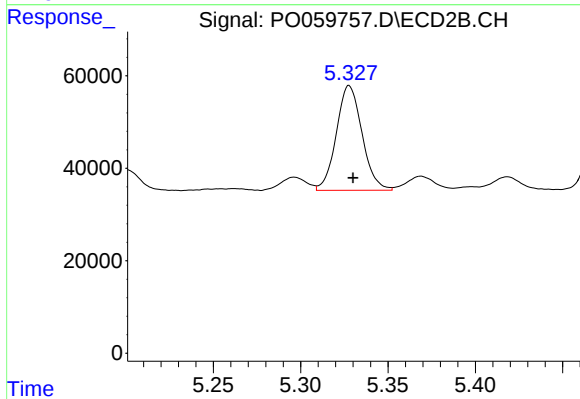
#25 AR-1248-5

R.T.: 5.369 min
Delta R.T.: -0.001 min
Response: 33617
Conc: 23.49 ng/ml



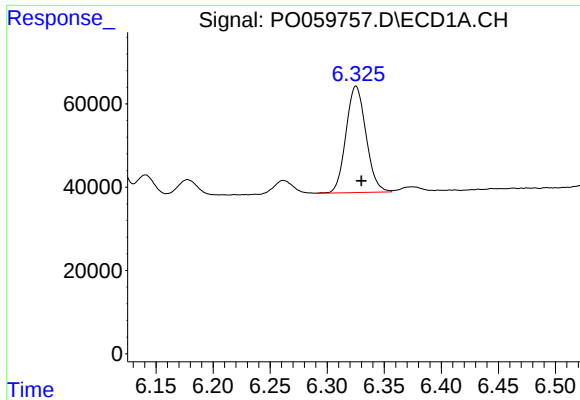
#26 AR-1254-1

R.T.: 6.111 min
Delta R.T.: 0.000 min
Response: 278876
Conc: 133.66 ng/ml



#26 AR-1254-1

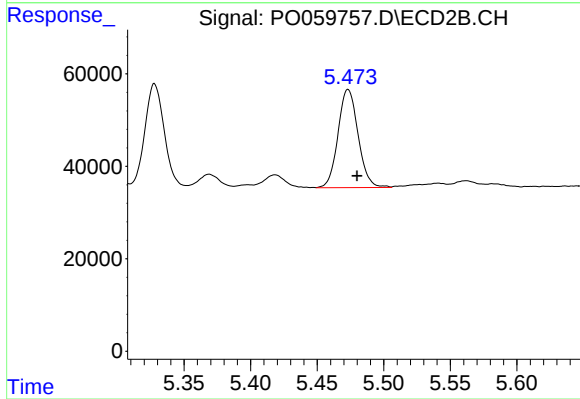
R.T.: 5.328 min
Delta R.T.: -0.002 min
Response: 232272
Conc: 97.93 ng/ml



#27 AR-1254-2

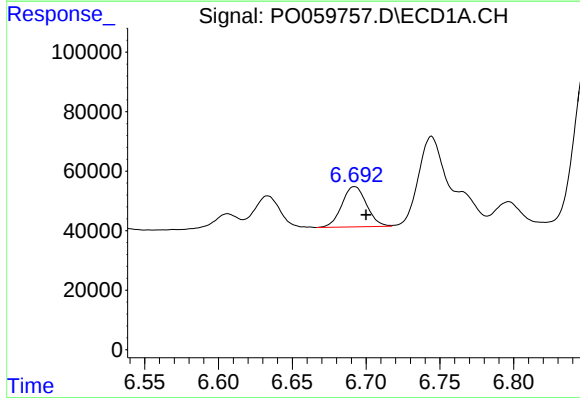
R.T.: 6.325 min
Delta R.T.: -0.005 min
Response: 312156
Conc: 93.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



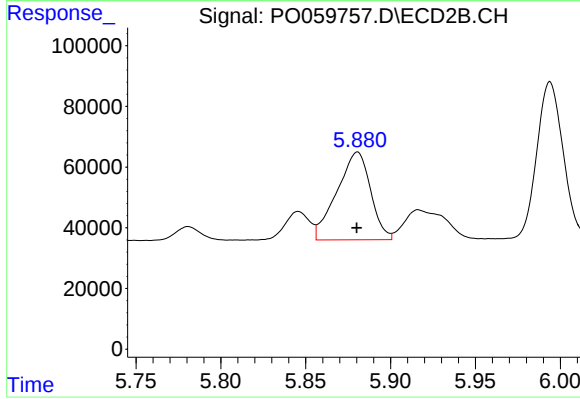
#27 AR-1254-2

R.T.: 5.473 min
Delta R.T.: -0.007 min
Response: 223044
Conc: 106.30 ng/ml



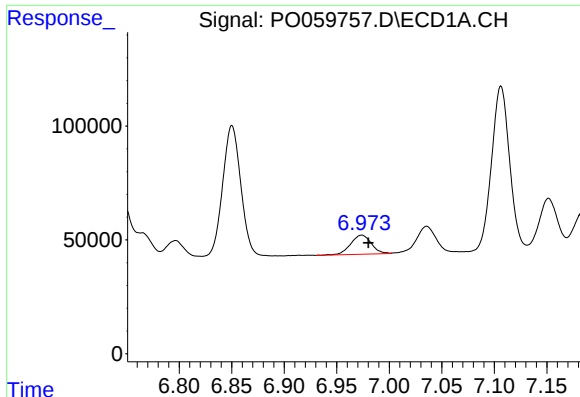
#28 AR-1254-3

R.T.: 6.692 min
Delta R.T.: -0.008 min
Response: 158385
Conc: 44.63 ng/ml



#28 AR-1254-3

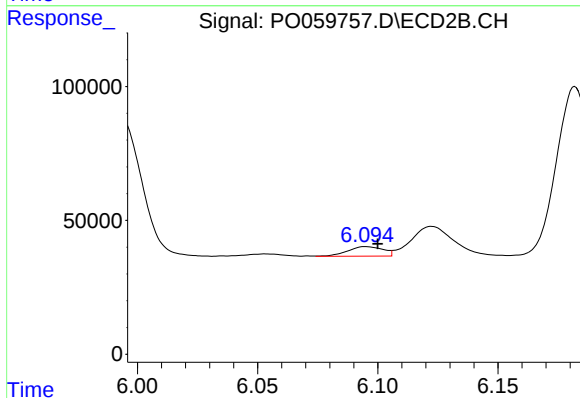
R.T.: 5.880 min
Delta R.T.: 0.000 min
Response: 399554
Conc: 118.83 ng/ml



#29 AR-1254-4

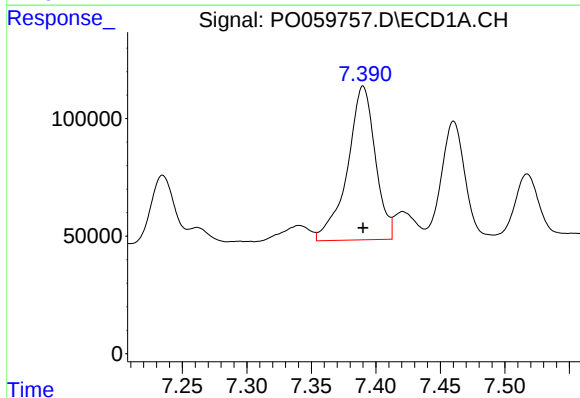
R.T.: 6.974 min
Delta R.T.: -0.006 min
Response: 115999
Conc: 39.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



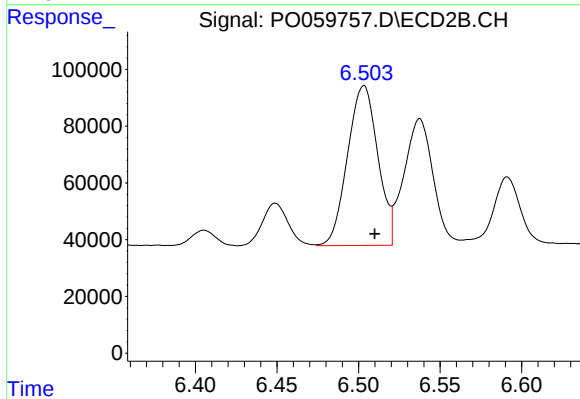
#29 AR-1254-4

R.T.: 6.095 min
Delta R.T.: -0.005 min
Response: 36288
Conc: 17.60 ng/ml



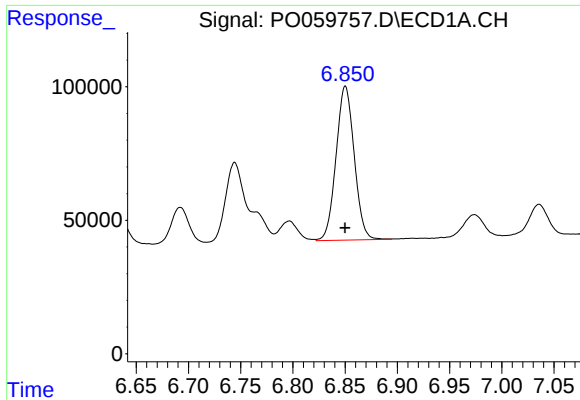
#30 AR-1254-5

R.T.: 7.390 min
Delta R.T.: 0.000 min
Response: 981438
Conc: 317.37 ng/ml



#30 AR-1254-5

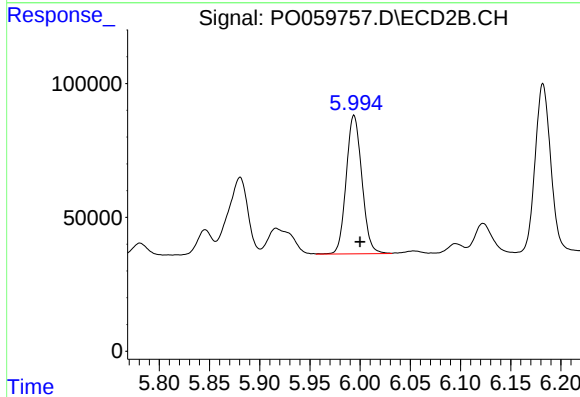
R.T.: 6.503 min
Delta R.T.: -0.007 min
Response: 727510
Conc: 234.30 ng/ml



#31 AR-1260-1

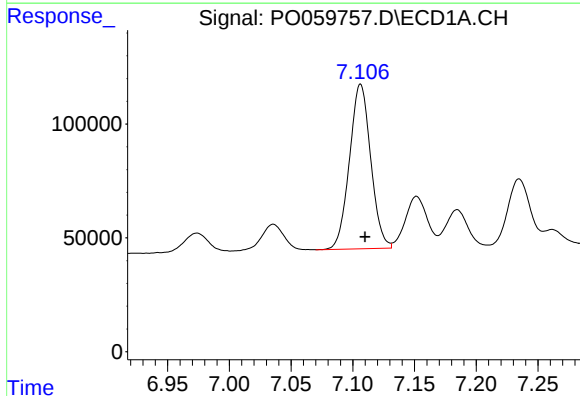
R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 698241
Conc: 259.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



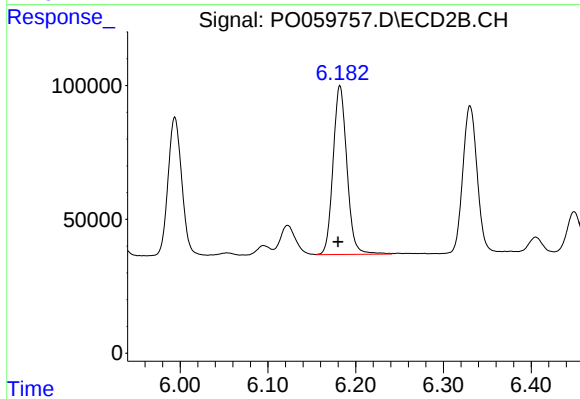
#31 AR-1260-1

R.T.: 5.994 min
Delta R.T.: -0.006 min
Response: 563005
Conc: 247.05 ng/ml



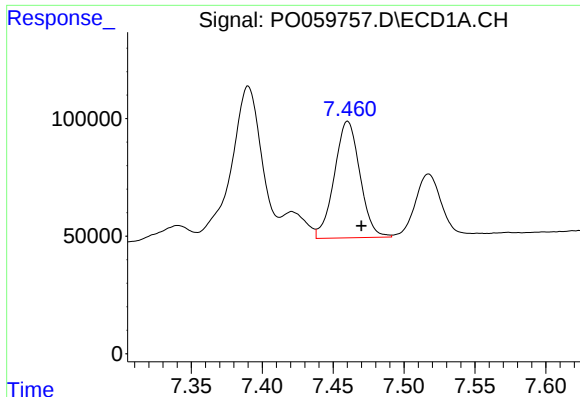
#32 AR-1260-2

R.T.: 7.106 min
Delta R.T.: -0.004 min
Response: 867332
Conc: 233.75 ng/ml



#32 AR-1260-2

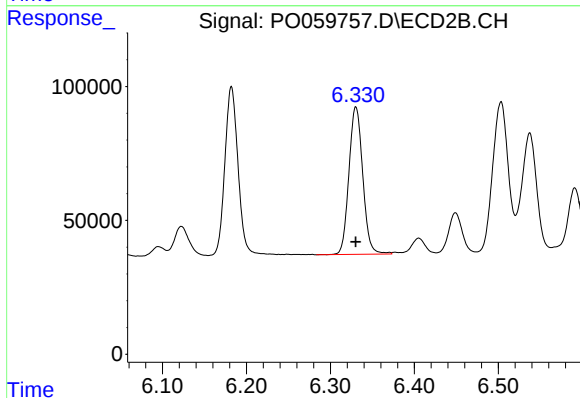
R.T.: 6.182 min
Delta R.T.: 0.002 min
Response: 690967
Conc: 235.83 ng/ml



#33 AR-1260-3

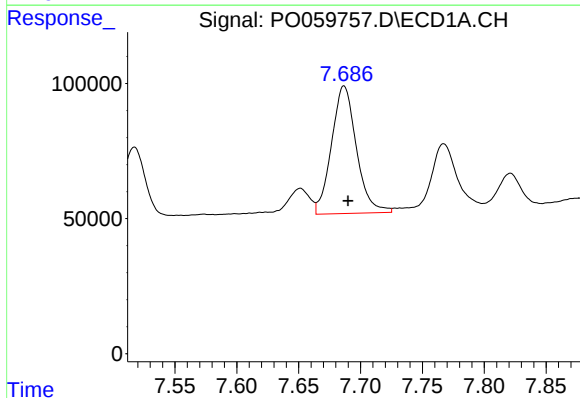
R.T.: 7.460 min
Delta R.T.: -0.010 min
Response: 623362
Conc: 190.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



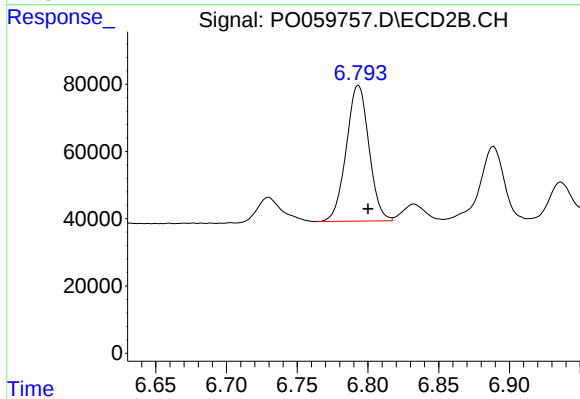
#33 AR-1260-3

R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 629937
Conc: 237.79 ng/ml



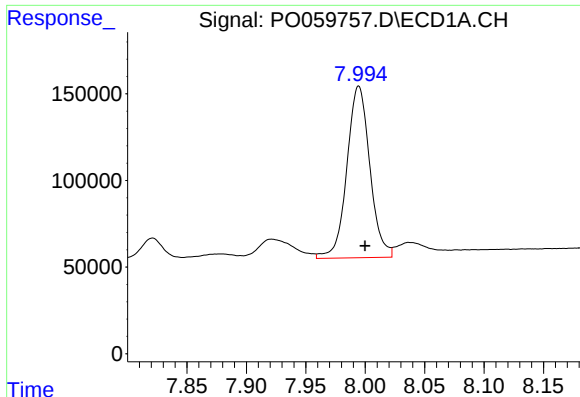
#34 AR-1260-4

R.T.: 7.687 min
Delta R.T.: -0.003 min
Response: 661431
Conc: 215.36 ng/ml



#34 AR-1260-4

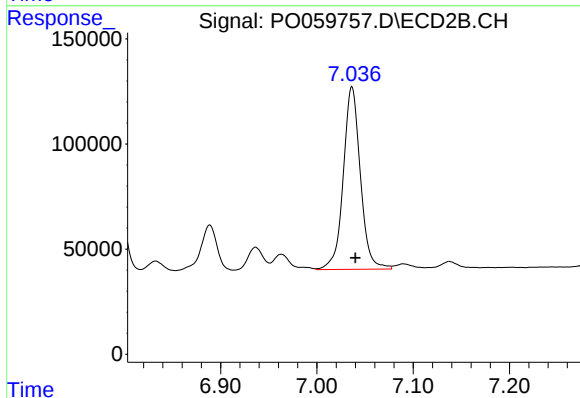
R.T.: 6.793 min
Delta R.T.: -0.007 min
Response: 451221
Conc: 199.43 ng/ml



#35 AR-1260-5

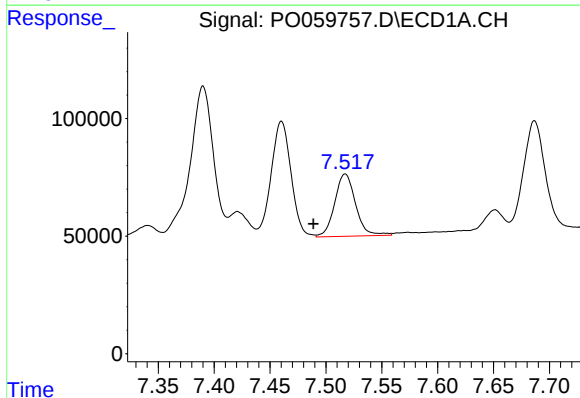
R.T.: 7.995 min
Delta R.T.: -0.005 min
Response: 1331915
Conc: 188.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



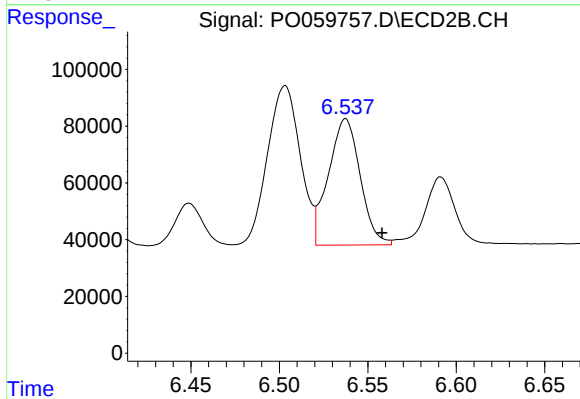
#35 AR-1260-5

R.T.: 7.036 min
Delta R.T.: -0.004 min
Response: 1067579
Conc: 193.99 ng/ml



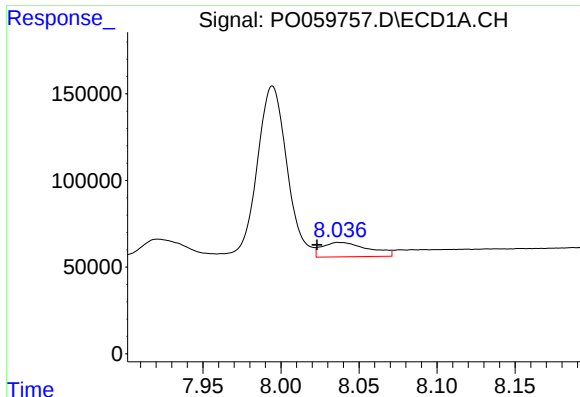
#36 AR-1262-1

R.T.: 7.517 min
Delta R.T.: 0.028 min
Response: 345302
Conc: 71.15 ng/ml



#36 AR-1262-1

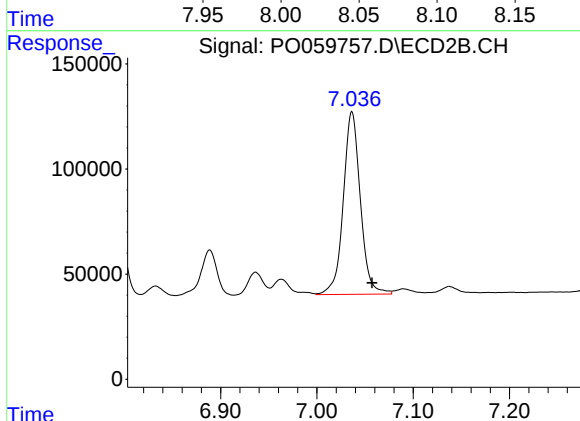
R.T.: 6.537 min
Delta R.T.: -0.021 min
Response: 555931
Conc: 149.14 ng/ml



#37 AR-1262-2

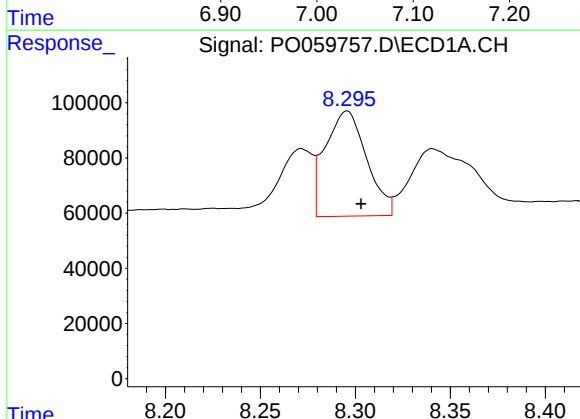
R.T.: 8.037 min
Delta R.T.: 0.014 min
Response: 170630
Conc: 22.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



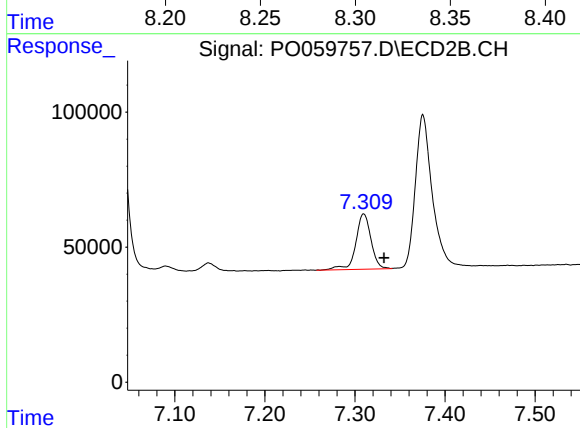
#37 AR-1262-2

R.T.: 7.036 min
Delta R.T.: -0.021 min
Response: 1067579
Conc: 181.59 ng/ml



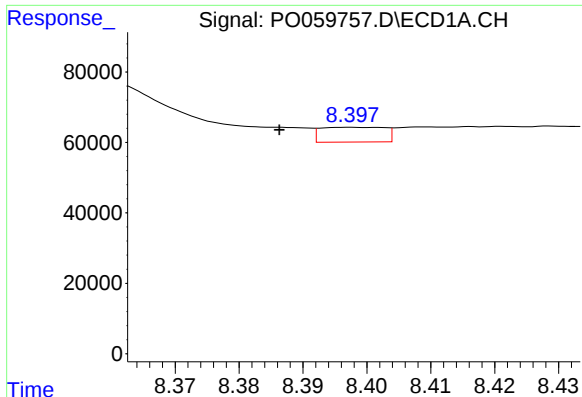
#38 AR-1262-3

R.T.: 8.296 min
Delta R.T.: -0.008 min
Response: 577739
Conc: 113.23 ng/ml



#38 AR-1262-3

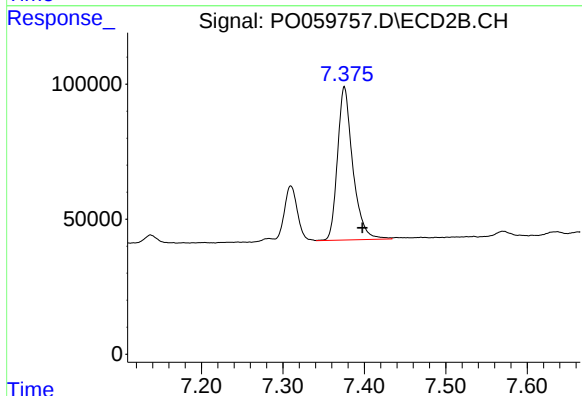
R.T.: 7.310 min
Delta R.T.: -0.022 min
Response: 240575
Conc: 94.68 ng/ml



#39 AR-1262-4

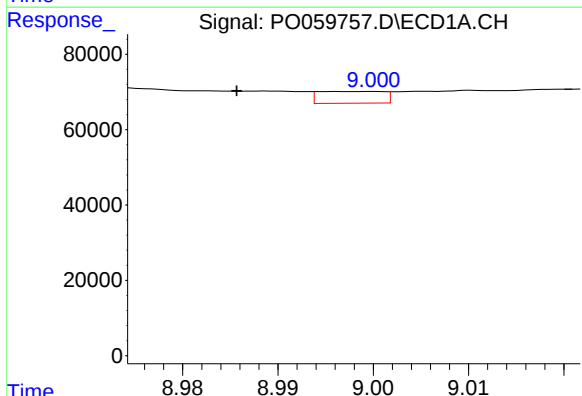
R.T.: 8.398 min
Delta R.T.: 0.011 min
Response: 29291
Conc: 7.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



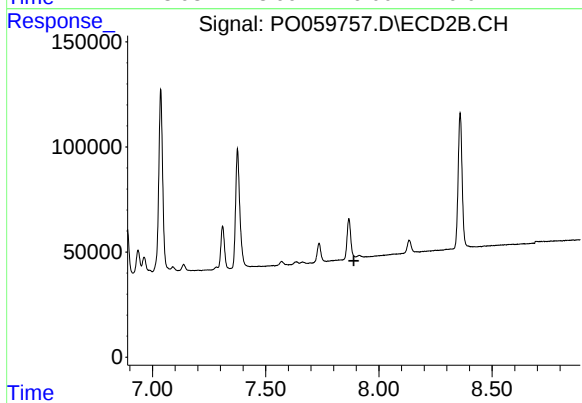
#39 AR-1262-4

R.T.: 7.376 min
Delta R.T.: -0.022 min
Response: 741195
Conc: 167.73 ng/ml



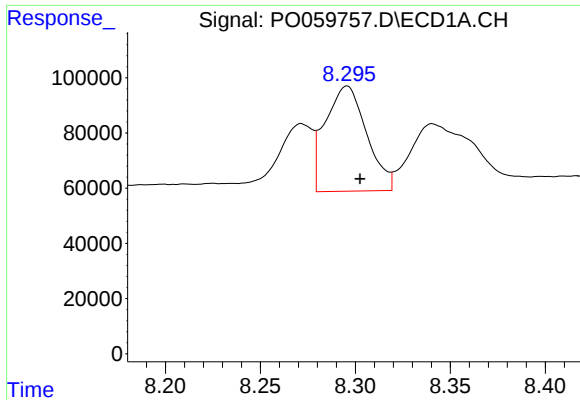
#40 AR-1262-5

R.T.: 8.998 min
Delta R.T.: 0.013 min
Response: 14801
Conc: 5.77 ng/ml



#40 AR-1262-5

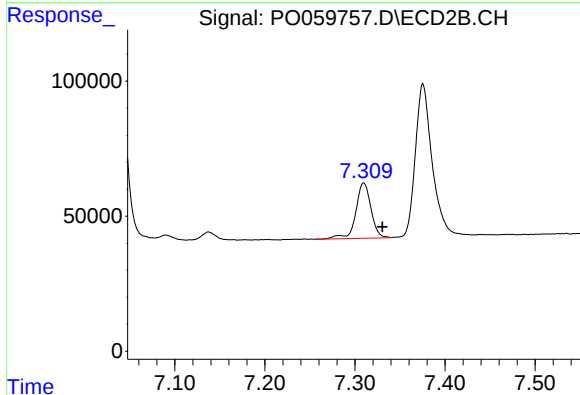
R.T.: 7.914 min
Delta R.T.: 0.024 min
Response: -57730
Conc: N.D.



#41 AR-1268-1

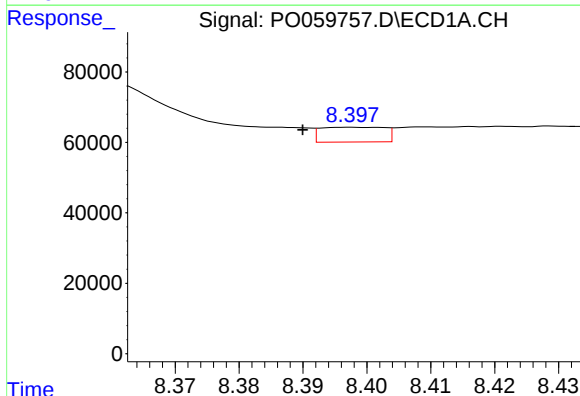
R.T.: 8.296 min
Delta R.T.: -0.007 min
Response: 577739
Conc: 61.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



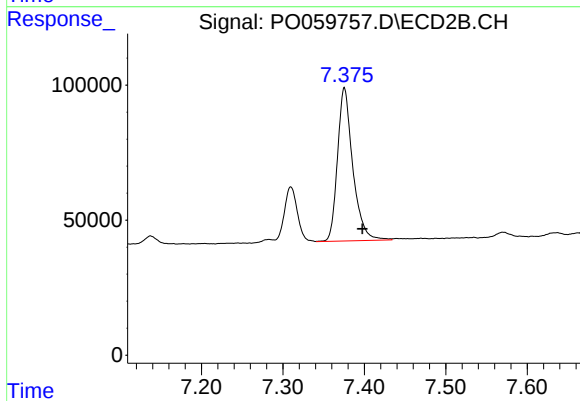
#41 AR-1268-1

R.T.: 7.310 min
Delta R.T.: -0.021 min
Response: 240575
Conc: 33.78 ng/ml



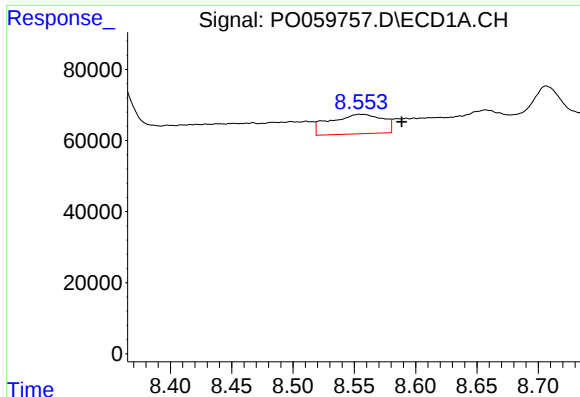
#42 AR-1268-2

R.T.: 8.398 min
Delta R.T.: 0.008 min
Response: 29291
Conc: 3.72 ng/ml



#42 AR-1268-2

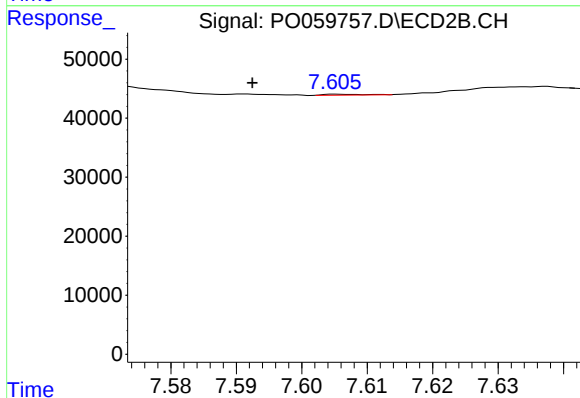
R.T.: 7.376 min
Delta R.T.: -0.022 min
Response: 741195
Conc: 114.95 ng/ml



#43 AR-1268-3

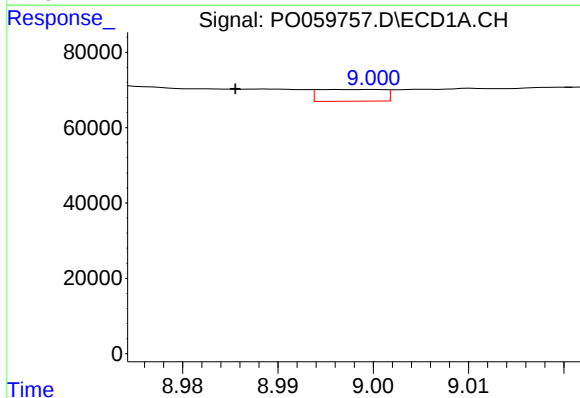
R.T.: 8.555 min
Delta R.T.: -0.034 min
Response: 165151
Conc: 23.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



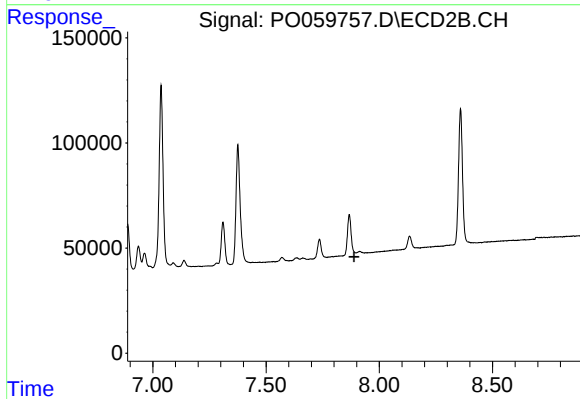
#43 AR-1268-3

R.T.: 7.606 min
Delta R.T.: 0.014 min
Response: 675
Conc: 0.12 ng/ml



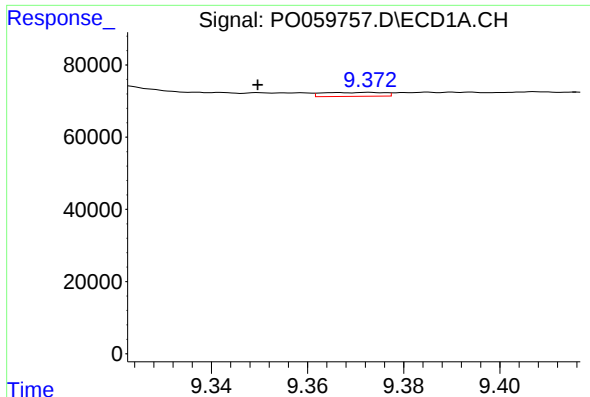
#44 AR-1268-4

R.T.: 8.998 min
Delta R.T.: 0.013 min
Response: 14801
Conc: 5.32 ng/ml



#44 AR-1268-4

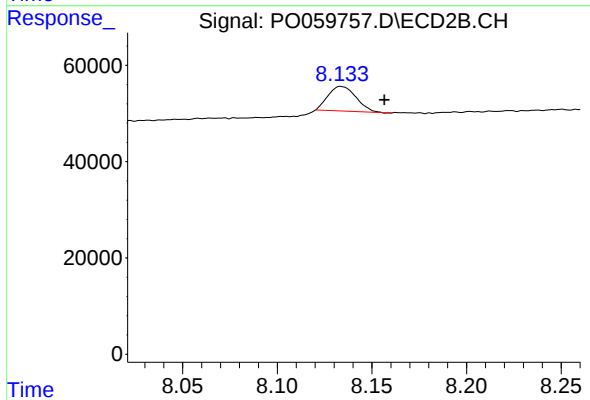
R.T.: 7.914 min
Delta R.T.: 0.025 min
Response: -57730
Conc: N.D.



#45 AR-1268-5

R.T.: 9.373 min
Delta R.T.: 0.023 min
Response: 9648
Conc: 0.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.134 min
Delta R.T.: -0.023 min
Response: 52456
Conc: 3.61 ng/ml