

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0011720\
 Data File : P0065634.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 17 Jan 2020 21:27
 Operator : DD\AJ
 Sample : L1154-01MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 17 23:21:58 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0010420.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jan 04 04:01:28 2020
 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...	4.167	3.440	520357	635815	28.497	28.904
2)	SA Decachlor...	9.669	8.341	910539	1067658	26.873	25.745
Target Compounds							
3)	L1 AR-1016-1	5.318	4.500	264047	312152	302.754	302.955
4)	L1 AR-1016-2	5.339	4.518	388845	452096	303.149	311.979
5)	L1 AR-1016-3	5.400	4.691	236804	236486	300.559	304.180
6)	L1 AR-1016-4	5.497	4.733	194881	192187	302.036	287.462
7)	L1 AR-1016-5	5.787	4.942	194214	245620	292.957	288.671
8)	L2 AR-1221-1	0.000	3.648	0	20020	N.D.	77.214 #
9)	L2 AR-1221-2	0.000	3.733	0	38021	N.D.	192.824 #
10)	L2 AR-1221-3	4.535	3.807	114262	137428	218.803	213.300
11)	L3 AR-1232-1	4.535	3.807	114262	137428	282.501	275.847
12)	L3 AR-1232-2	5.053	4.518	167083	452096	794.528	838.392
13)	L3 AR-1232-3	5.339	4.691	388845	236486	832.719	831.339
14)	L3 AR-1232-4	5.497	4.773	194881	233547	835.303	873.617
15)	L3 AR-1232-5	5.587	4.942	162127	245620	916.998	856.762
16)	L4 AR-1242-1	5.318	4.500	264047	312152	453.548	457.964
17)	L4 AR-1242-2	5.339	4.518	388845	452096	454.744	471.755
18)	L4 AR-1242-3	5.400	4.691	236804	236486	451.583	461.379
19)	L4 AR-1242-4	5.497	4.773	194881	233547	459.999	446.839
20)	L4 AR-1242-5	6.159	5.288	124244	213474	228.165	293.719 #
21)	L5 AR-1248-1	5.318	4.500	264047	312152	567.465	563.082
22)	L5 AR-1248-2	5.587	4.733	162127	192187	245.701	250.492
23)	L5 AR-1248-3	5.787	4.773	194214	233547	257.753	296.835
24)	L5 AR-1248-4	6.159	4.942	124244	245620	131.161	256.254 #
25)	L5 AR-1248-5	6.159	5.328	124244	33886	135.826	33.474 #
26)	L6 AR-1254-1	6.159	5.288	124244	213474	146.457	147.354
27)	L6 AR-1254-2	6.375	5.434	181523	212718	132.092	160.817
28)	L6 AR-1254-3	6.739	5.845	114894	388377	74.130	172.342 #
29)	L6 AR-1254-4	7.021	6.059	81241	57541	63.733	38.168 #
30)	L6 AR-1254-5	7.434	6.471	687522	850144	489.576	381.926
31)	L7 AR-1260-1	6.899	5.960	440874	567190	319.652	301.272
32)	L7 AR-1260-2	7.155	6.148	575519	734220	328.020	302.211
33)	L7 AR-1260-3	7.510	6.298	390661	665124	276.398	307.286
34)	L7 AR-1260-4	7.732	6.765	450224	500365	257.849	249.406
35)	L7 AR-1260-5	8.039	7.007	902786	1248327	269.200	252.163
36)	L8 AR-1262-1	7.510	6.561	390661	259372	236.155	275.124
37)	L8 AR-1262-2	8.039	7.007	902786	1248327	281.911	277.819
38)	L8 AR-1262-3	8.337	7.285	598502	249688	262.913	148.355 #
39)	L8 AR-1262-4	8.389	7.349	345364	929474	195.374	270.274 #
40)	L8 AR-1262-5	9.002	7.841	244680	291683	183.933	171.054
41)	L9 AR-1268-1	8.337	7.285	598502	249688	147.117	47.014 #

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 ALS Vial : 32 Sample Multiplier: 1

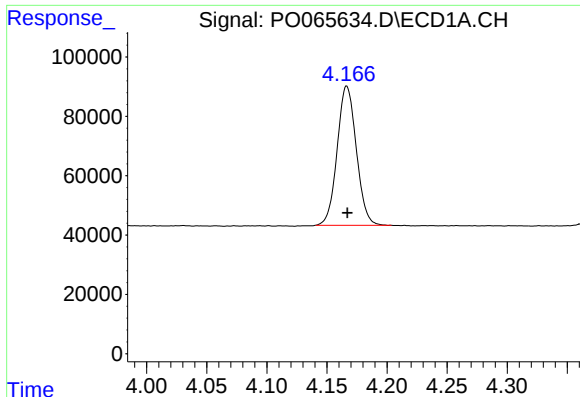
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 17 23:21:58 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0010420.M
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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
42) L9	AR-1268-2	8.389	7.349	345364	929474	89.737	182.984 #
43) L9	AR-1268-3	0.000	7.552	0	30516	N.D.	7.184 #
44) L9	AR-1268-4	9.002	7.841	244680	291683	159.289	147.372
45) L9	AR-1268-5	9.369	8.111	82392	92290	7.436	6.419

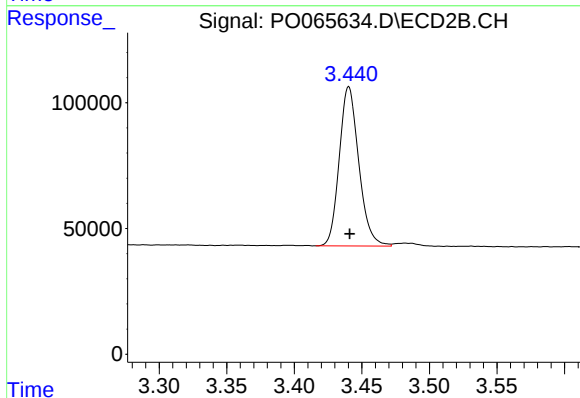
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

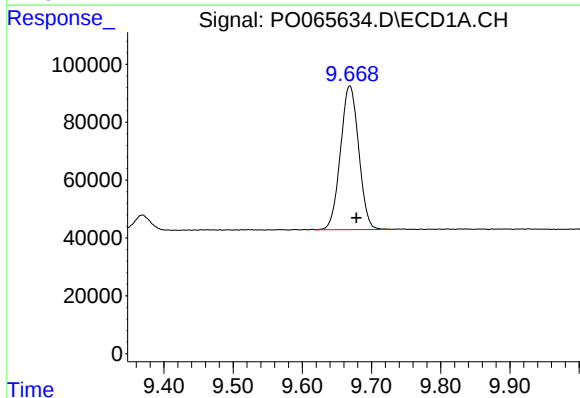
R.T.: 4.167 min
Delta R.T.: 0.000 min
Response: 520357
Conc: 28.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



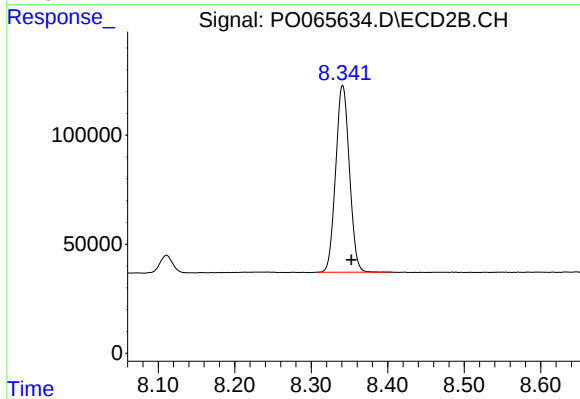
#1 Tetrachloro-m-xylene

R.T.: 3.440 min
Delta R.T.: 0.000 min
Response: 635815
Conc: 28.90 ng/ml



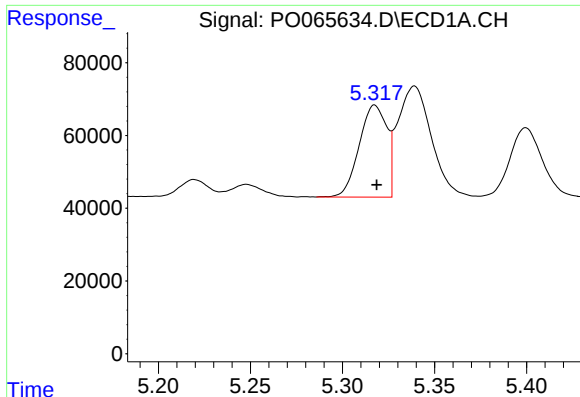
#2 Decachlorobiphenyl

R.T.: 9.669 min
Delta R.T.: -0.010 min
Response: 910539
Conc: 26.87 ng/ml



#2 Decachlorobiphenyl

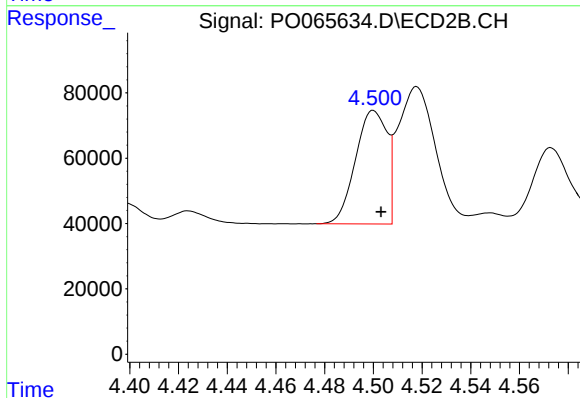
R.T.: 8.341 min
Delta R.T.: -0.011 min
Response: 1067658
Conc: 25.75 ng/ml



#3 AR-1016-1

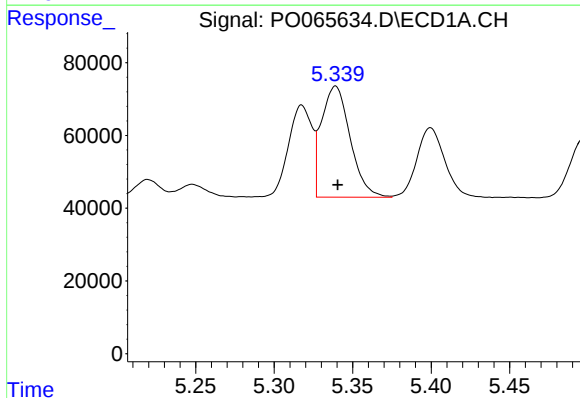
R.T.: 5.318 min
Delta R.T.: -0.001 min
Response: 264047
Conc: 302.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



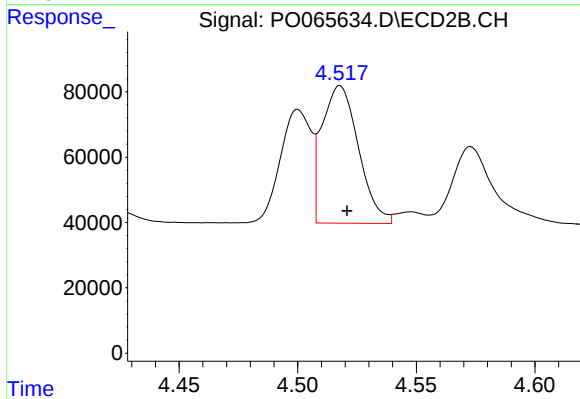
#3 AR-1016-1

R.T.: 4.500 min
Delta R.T.: -0.003 min
Response: 312152
Conc: 302.96 ng/ml



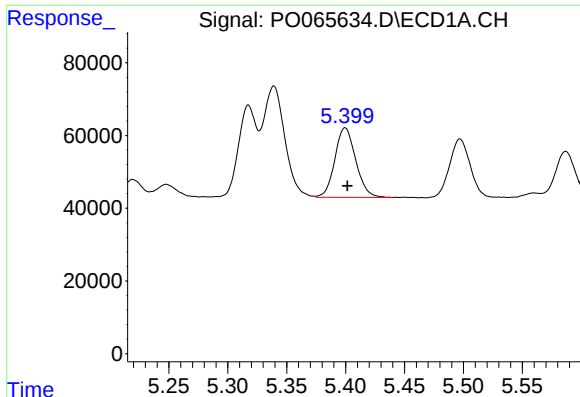
#4 AR-1016-2

R.T.: 5.339 min
Delta R.T.: -0.001 min
Response: 388845
Conc: 303.15 ng/ml



#4 AR-1016-2

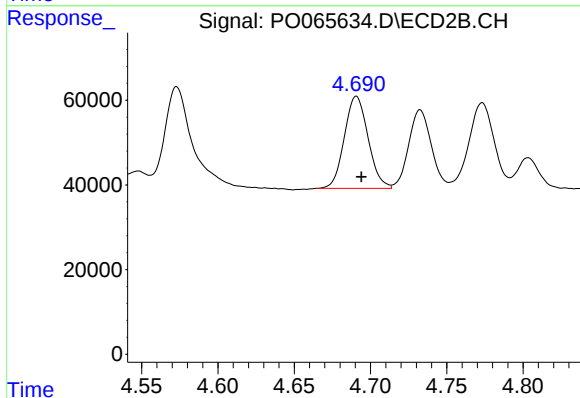
R.T.: 4.518 min
Delta R.T.: -0.003 min
Response: 452096
Conc: 311.98 ng/ml



#5 AR-1016-3

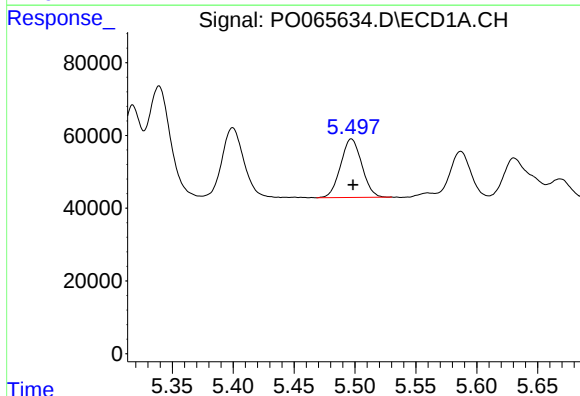
R.T.: 5.400 min
Delta R.T.: -0.002 min
Response: 236804
Conc: 300.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



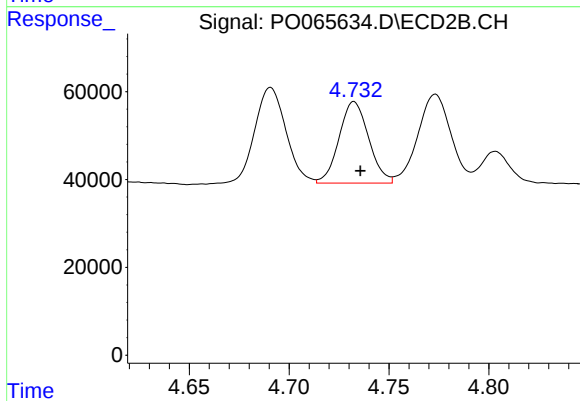
#5 AR-1016-3

R.T.: 4.691 min
Delta R.T.: -0.003 min
Response: 236486
Conc: 304.18 ng/ml



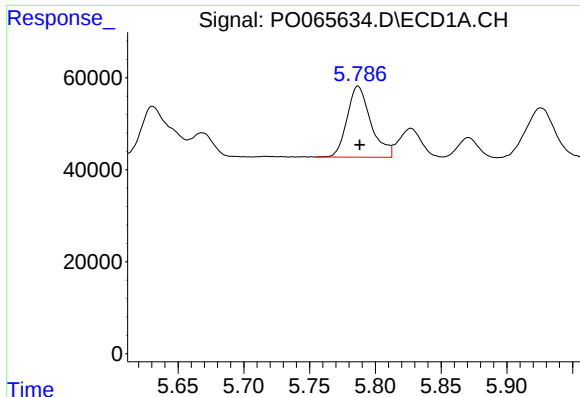
#6 AR-1016-4

R.T.: 5.497 min
Delta R.T.: -0.001 min
Response: 194881
Conc: 302.04 ng/ml



#6 AR-1016-4

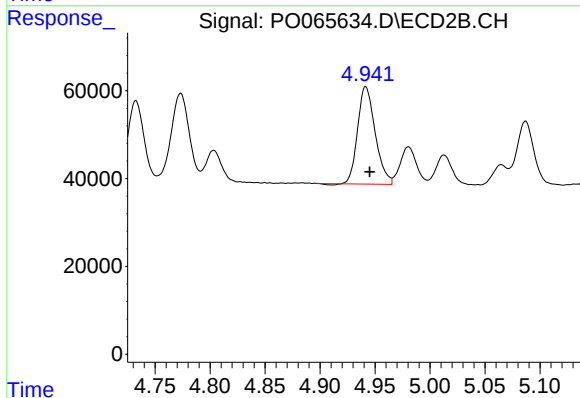
R.T.: 4.733 min
Delta R.T.: -0.003 min
Response: 192187
Conc: 287.46 ng/ml



#7 AR-1016-5

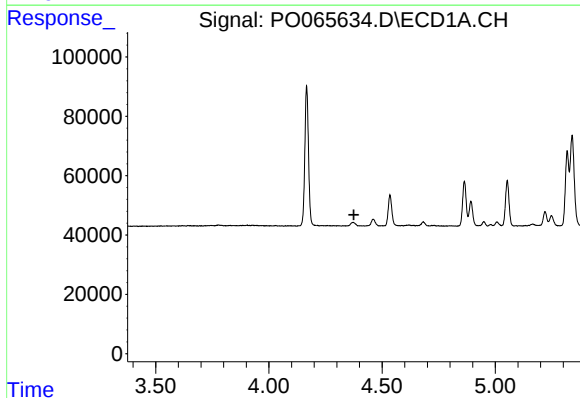
R.T.: 5.787 min
Delta R.T.: -0.001 min
Response: 194214
Conc: 292.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



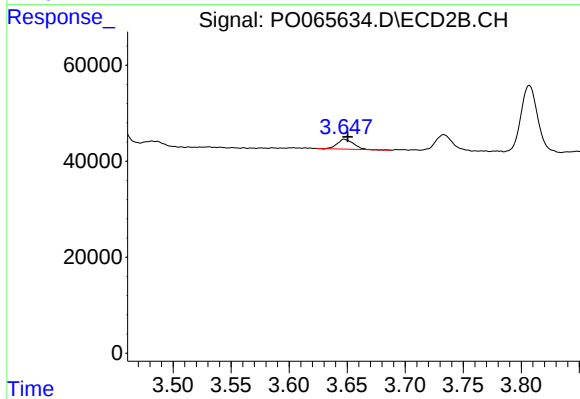
#7 AR-1016-5

R.T.: 4.942 min
Delta R.T.: -0.004 min
Response: 245620
Conc: 288.67 ng/ml



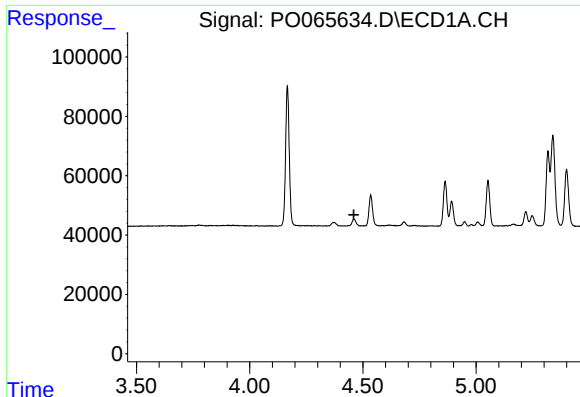
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.375 min
Response: 0
Conc: N.D.



#8 AR-1221-1

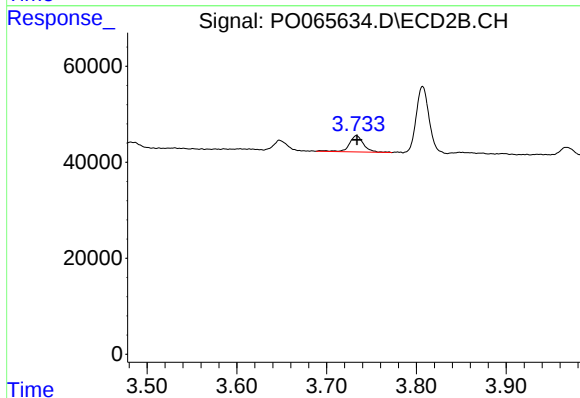
R.T.: 3.648 min
Delta R.T.: -0.003 min
Response: 20020
Conc: 77.21 ng/ml



#9 AR-1221-2

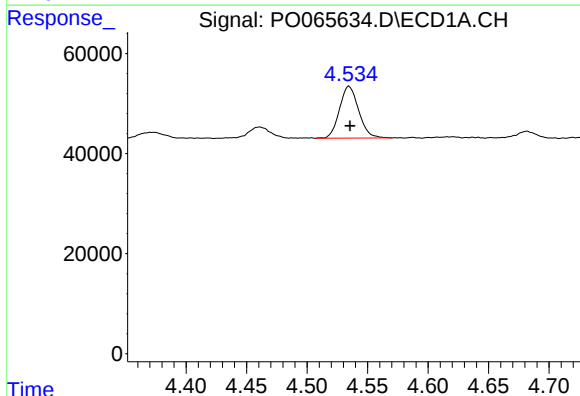
R.T.: 0.000 min
Exp R.T.: 4.461 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



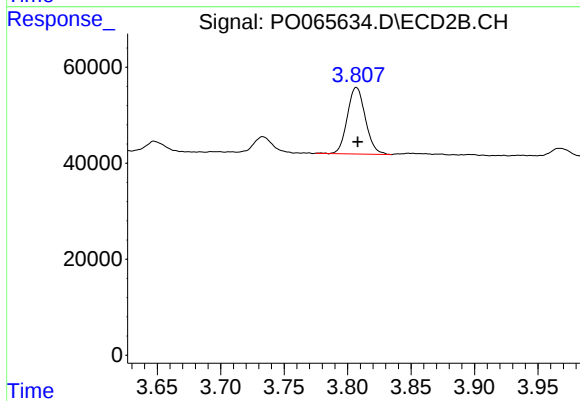
#9 AR-1221-2

R.T.: 3.733 min
Delta R.T.: 0.000 min
Response: 38021
Conc: 192.82 ng/ml



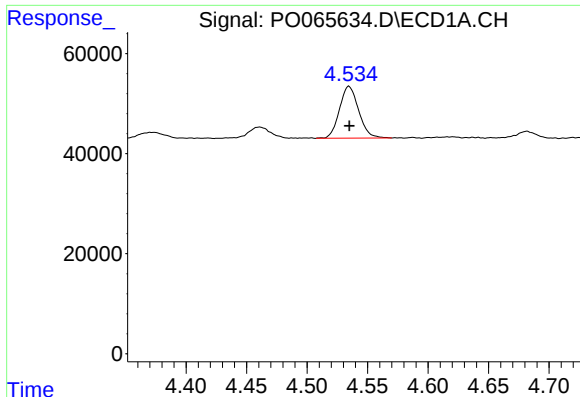
#10 AR-1221-3

R.T.: 4.535 min
Delta R.T.: 0.000 min
Response: 114262
Conc: 218.80 ng/ml



#10 AR-1221-3

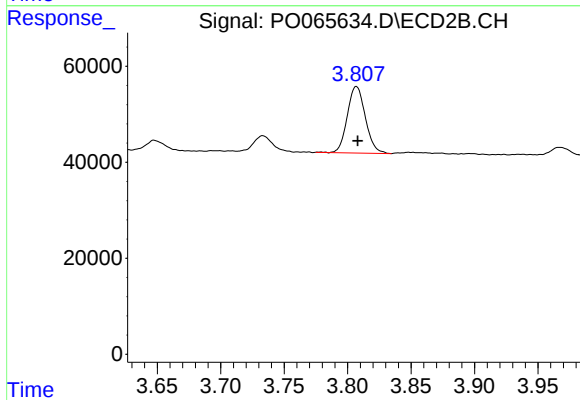
R.T.: 3.807 min
Delta R.T.: -0.001 min
Response: 137428
Conc: 213.30 ng/ml



#11 AR-1232-1

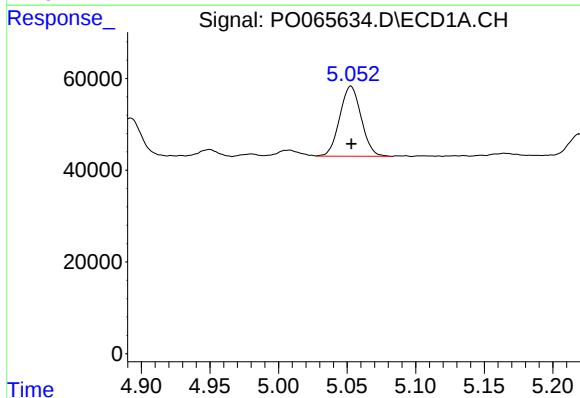
R.T.: 4.535 min
Delta R.T.: 0.000 min
Response: 114262
Conc: 282.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



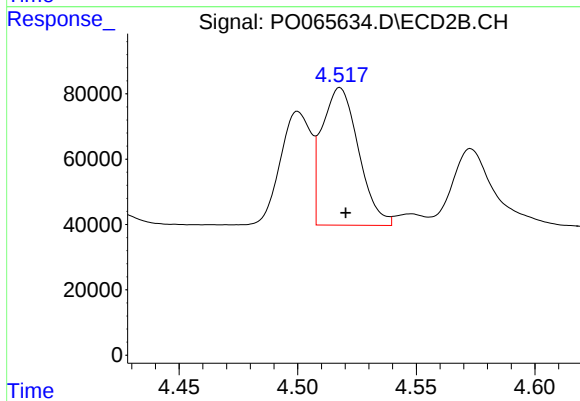
#11 AR-1232-1

R.T.: 3.807 min
Delta R.T.: -0.001 min
Response: 137428
Conc: 275.85 ng/ml



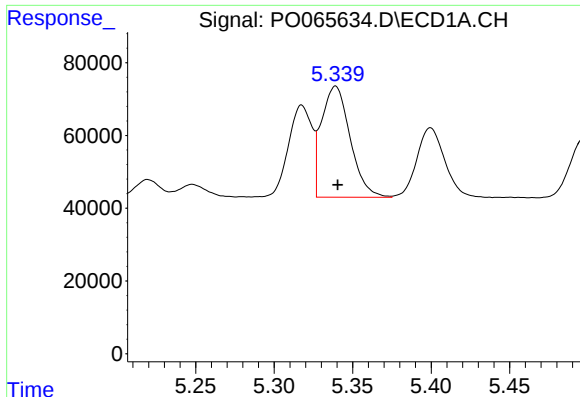
#12 AR-1232-2

R.T.: 5.053 min
Delta R.T.: 0.000 min
Response: 167083
Conc: 794.53 ng/ml



#12 AR-1232-2

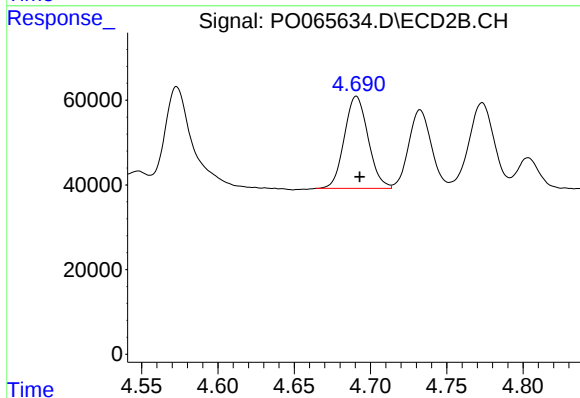
R.T.: 4.518 min
Delta R.T.: -0.002 min
Response: 452096
Conc: 838.39 ng/ml



#13 AR-1232-3

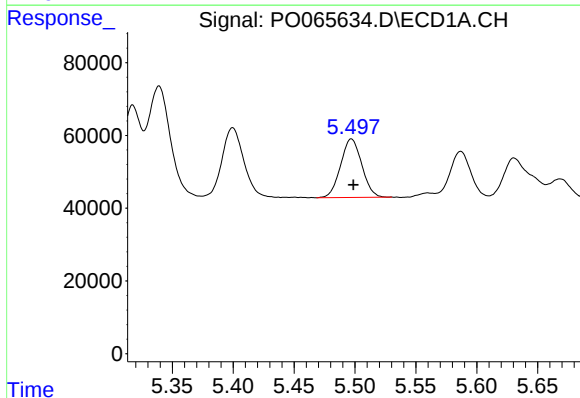
R.T.: 5.339 min
Delta R.T.: -0.001 min
Response: 388845
Conc: 832.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



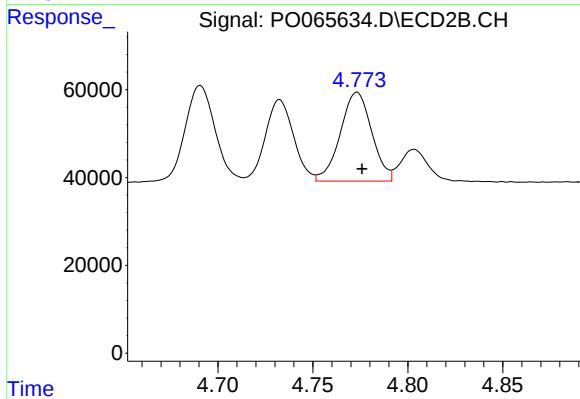
#13 AR-1232-3

R.T.: 4.691 min
Delta R.T.: -0.002 min
Response: 236486
Conc: 831.34 ng/ml



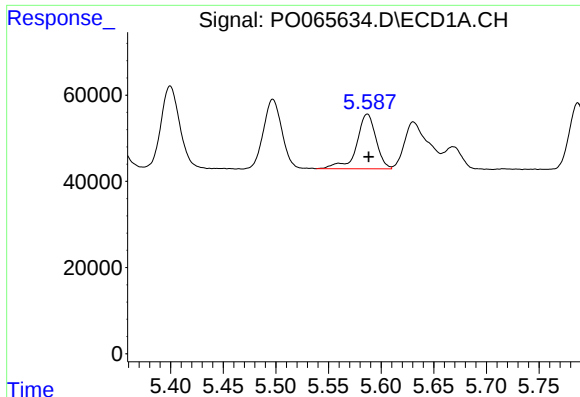
#14 AR-1232-4

R.T.: 5.497 min
Delta R.T.: -0.002 min
Response: 194881
Conc: 835.30 ng/ml



#14 AR-1232-4

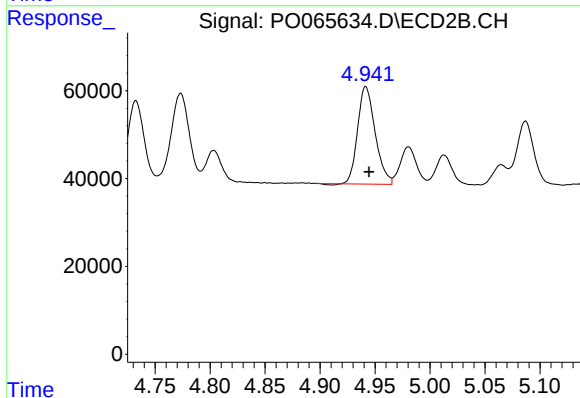
R.T.: 4.773 min
Delta R.T.: -0.003 min
Response: 233547
Conc: 873.62 ng/ml



#15 AR-1232-5

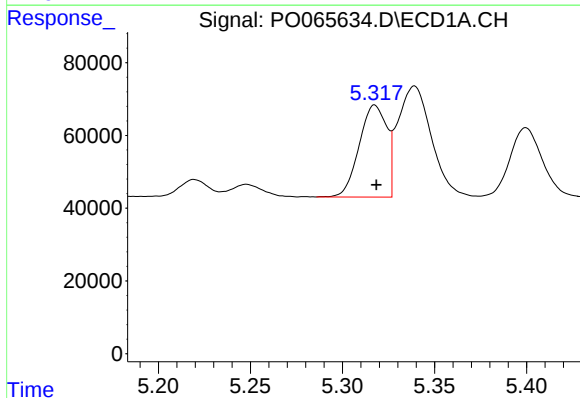
R.T.: 5.587 min
Delta R.T.: -0.001 min
Response: 162127
Conc: 917.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



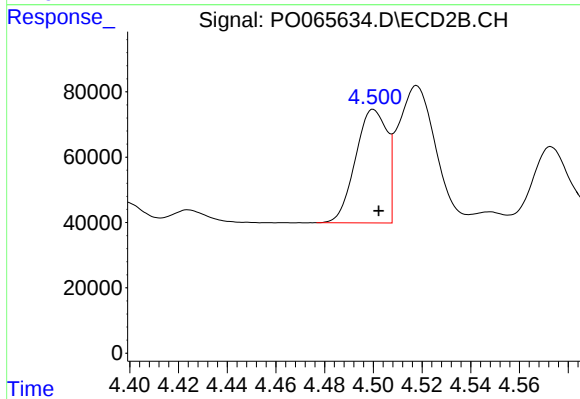
#15 AR-1232-5

R.T.: 4.942 min
Delta R.T.: -0.003 min
Response: 245620
Conc: 856.76 ng/ml



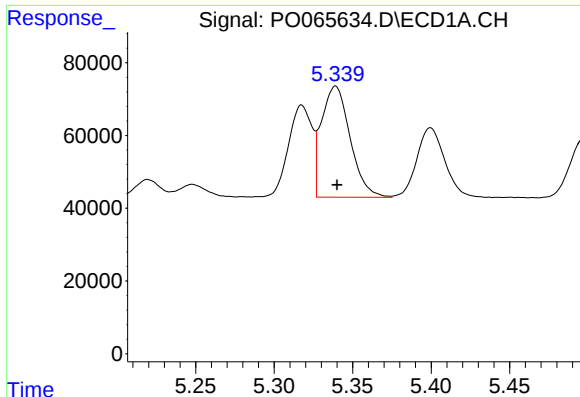
#16 AR-1242-1

R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 264047
Conc: 453.55 ng/ml



#16 AR-1242-1

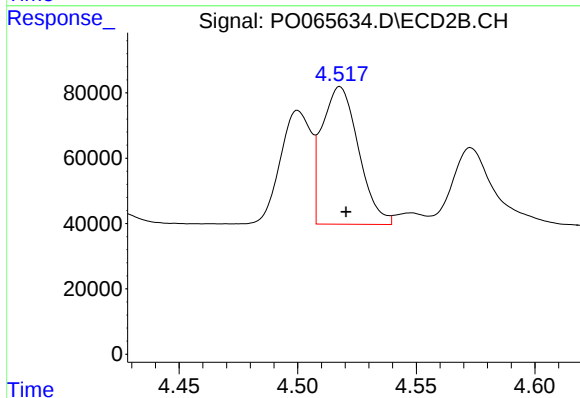
R.T.: 4.500 min
Delta R.T.: -0.002 min
Response: 312152
Conc: 457.96 ng/ml



#17 AR-1242-2

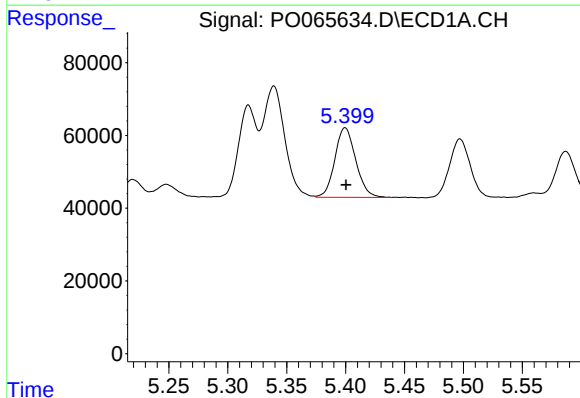
R.T.: 5.339 min
Delta R.T.: 0.000 min
Response: 388845
Conc: 454.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



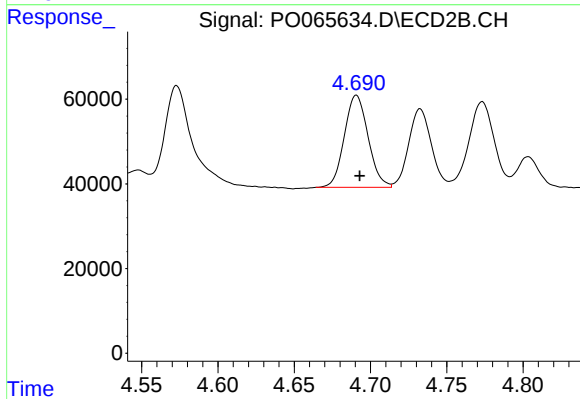
#17 AR-1242-2

R.T.: 4.518 min
Delta R.T.: -0.003 min
Response: 452096
Conc: 471.76 ng/ml



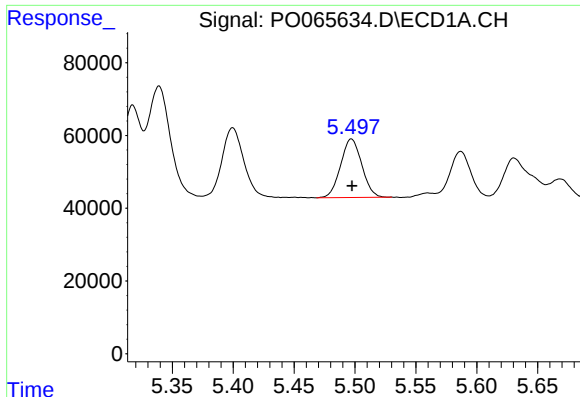
#18 AR-1242-3

R.T.: 5.400 min
Delta R.T.: 0.000 min
Response: 236804
Conc: 451.58 ng/ml



#18 AR-1242-3

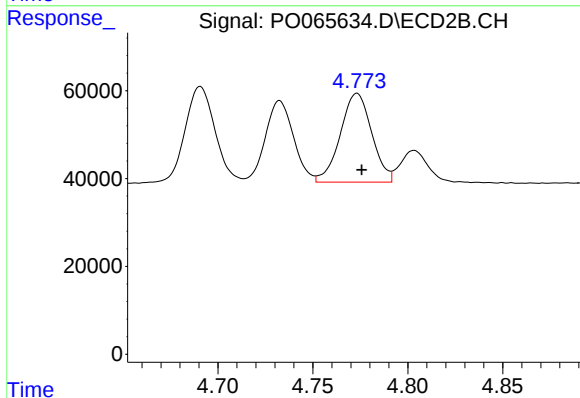
R.T.: 4.691 min
Delta R.T.: -0.002 min
Response: 236486
Conc: 461.38 ng/ml



#19 AR-1242-4

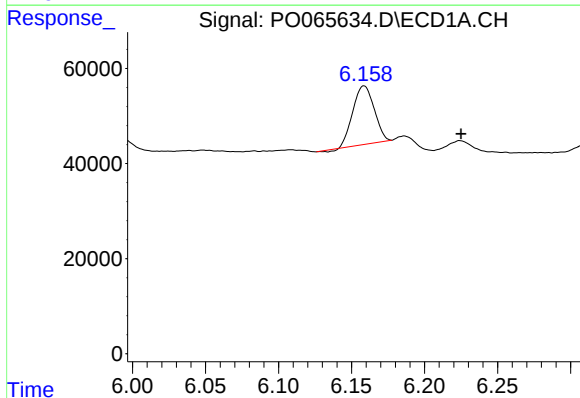
R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 194881
Conc: 460.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



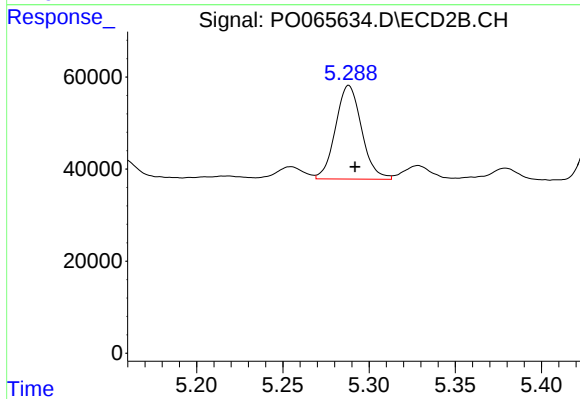
#19 AR-1242-4

R.T.: 4.773 min
Delta R.T.: -0.003 min
Response: 233547
Conc: 446.84 ng/ml



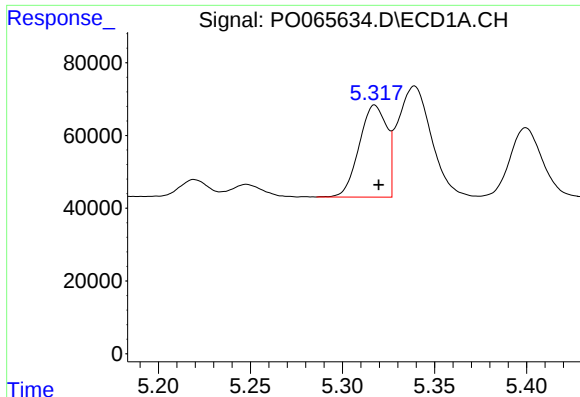
#20 AR-1242-5

R.T.: 6.159 min
Delta R.T.: -0.067 min
Response: 124244
Conc: 228.16 ng/ml



#20 AR-1242-5

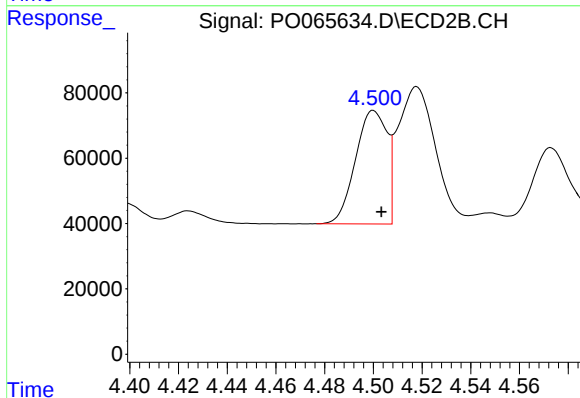
R.T.: 5.288 min
Delta R.T.: -0.004 min
Response: 213474
Conc: 293.72 ng/ml



#21 AR-1248-1

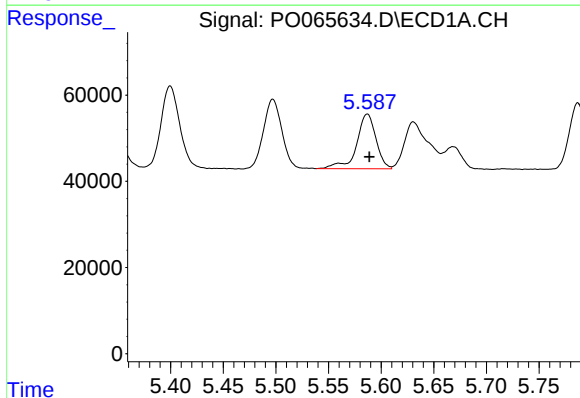
R.T.: 5.318 min
Delta R.T.: -0.002 min
Response: 264047
Conc: 567.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



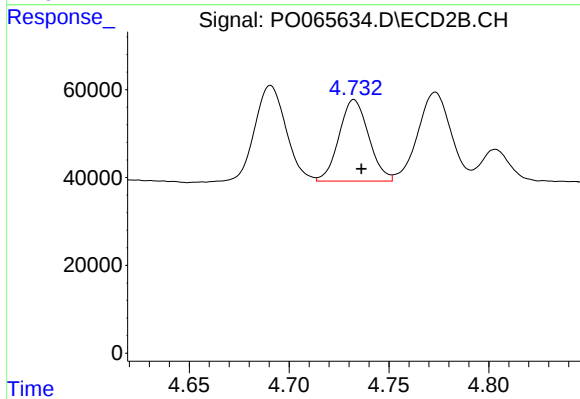
#21 AR-1248-1

R.T.: 4.500 min
Delta R.T.: -0.003 min
Response: 312152
Conc: 563.08 ng/ml



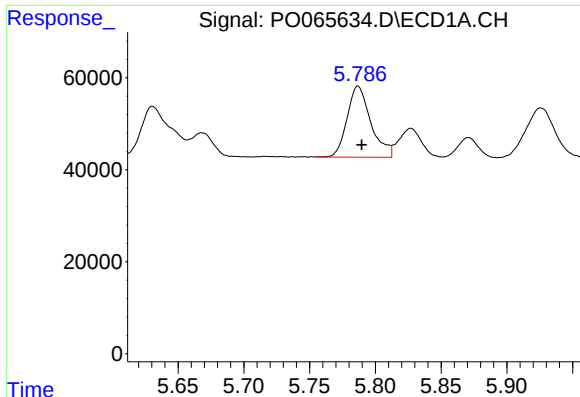
#22 AR-1248-2

R.T.: 5.587 min
Delta R.T.: -0.002 min
Response: 162127
Conc: 245.70 ng/ml



#22 AR-1248-2

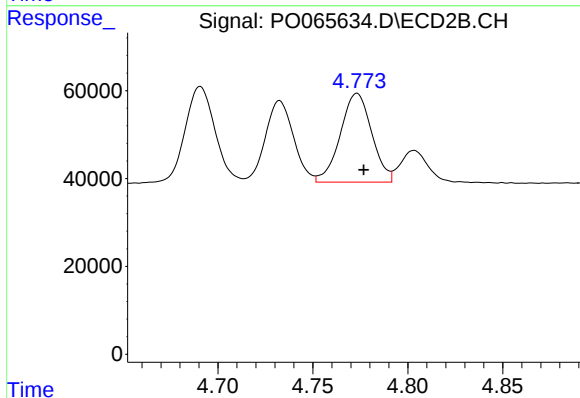
R.T.: 4.733 min
Delta R.T.: -0.004 min
Response: 192187
Conc: 250.49 ng/ml



#23 AR-1248-3

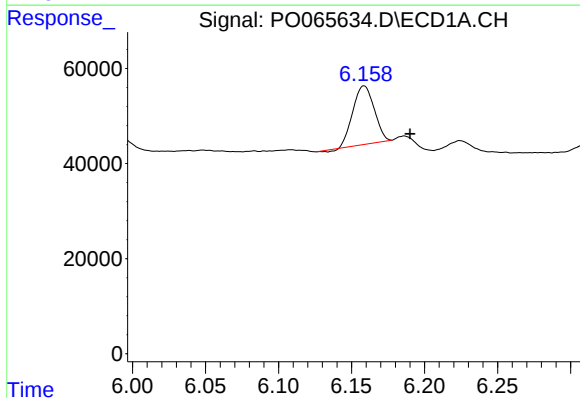
R.T.: 5.787 min
Delta R.T.: -0.003 min
Response: 194214
Conc: 257.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



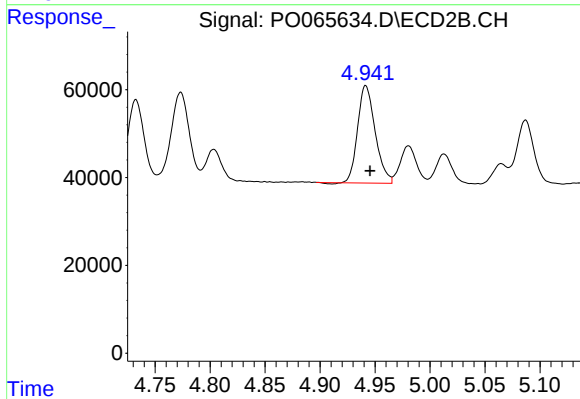
#23 AR-1248-3

R.T.: 4.773 min
Delta R.T.: -0.003 min
Response: 233547
Conc: 296.84 ng/ml



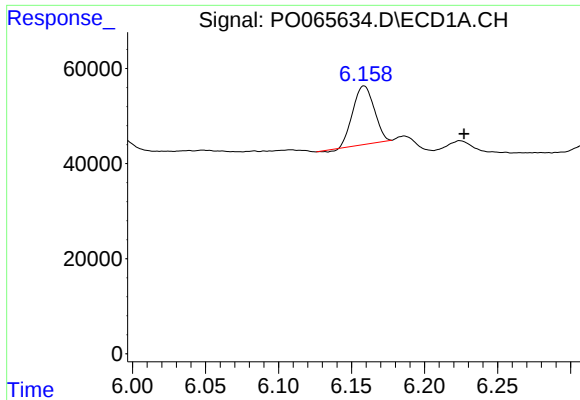
#24 AR-1248-4

R.T.: 6.159 min
Delta R.T.: -0.031 min
Response: 124244
Conc: 131.16 ng/ml



#24 AR-1248-4

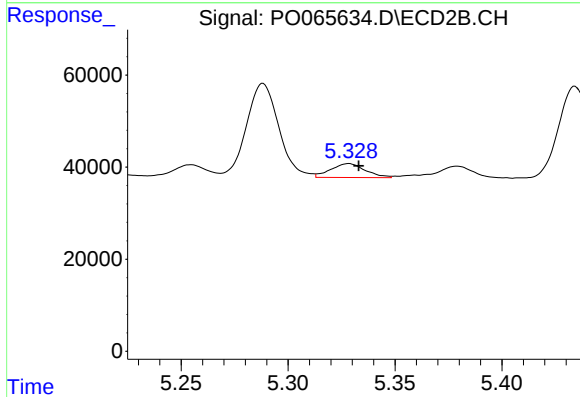
R.T.: 4.942 min
Delta R.T.: -0.004 min
Response: 245620
Conc: 256.25 ng/ml



#25 AR-1248-5

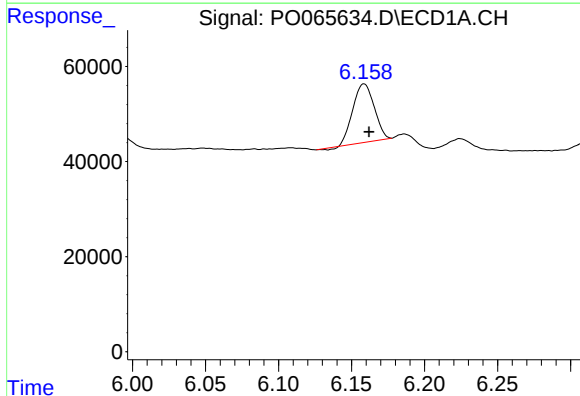
R.T.: 6.159 min
Delta R.T.: -0.068 min
Response: 124244
Conc: 135.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



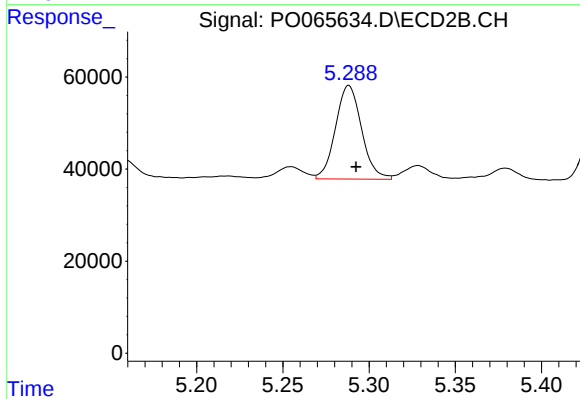
#25 AR-1248-5

R.T.: 5.328 min
Delta R.T.: -0.005 min
Response: 33886
Conc: 33.47 ng/ml



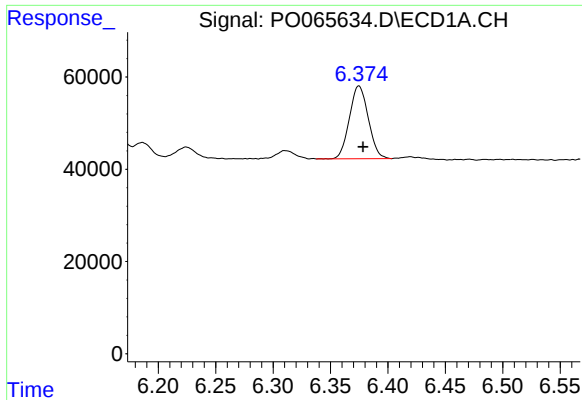
#26 AR-1254-1

R.T.: 6.159 min
Delta R.T.: -0.003 min
Response: 124244
Conc: 146.46 ng/ml



#26 AR-1254-1

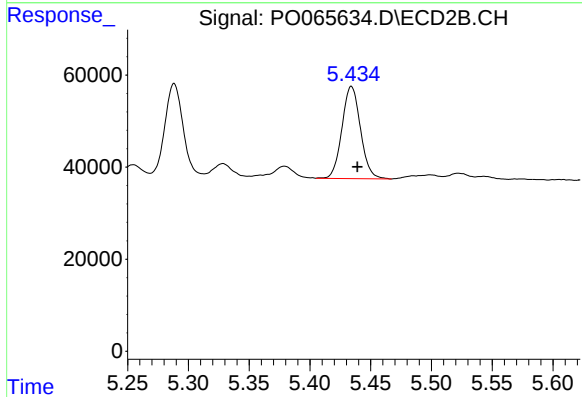
R.T.: 5.288 min
Delta R.T.: -0.004 min
Response: 213474
Conc: 147.35 ng/ml



#27 AR-1254-2

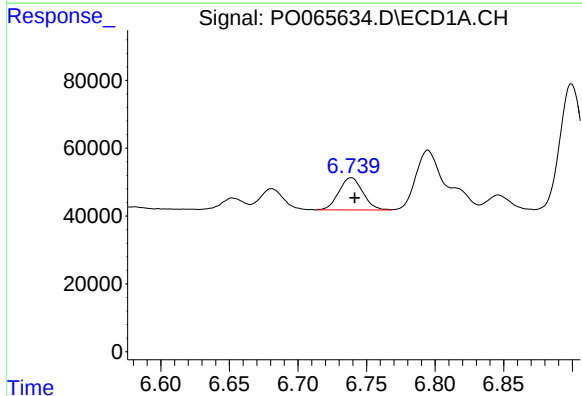
R.T.: 6.375 min
Delta R.T.: -0.004 min
Response: 181523
Conc: 132.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



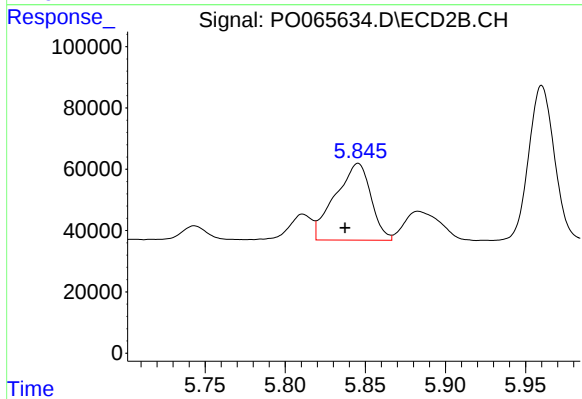
#27 AR-1254-2

R.T.: 5.434 min
Delta R.T.: -0.005 min
Response: 212718
Conc: 160.82 ng/ml



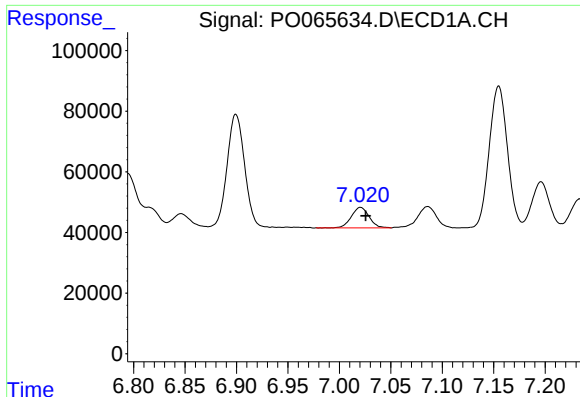
#28 AR-1254-3

R.T.: 6.739 min
Delta R.T.: -0.003 min
Response: 114894
Conc: 74.13 ng/ml



#28 AR-1254-3

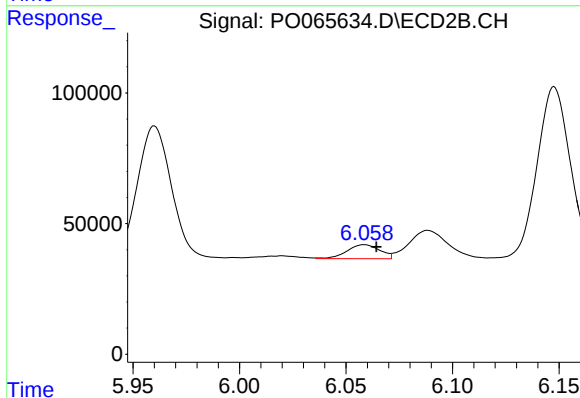
R.T.: 5.845 min
Delta R.T.: 0.008 min
Response: 388377
Conc: 172.34 ng/ml



#29 AR-1254-4

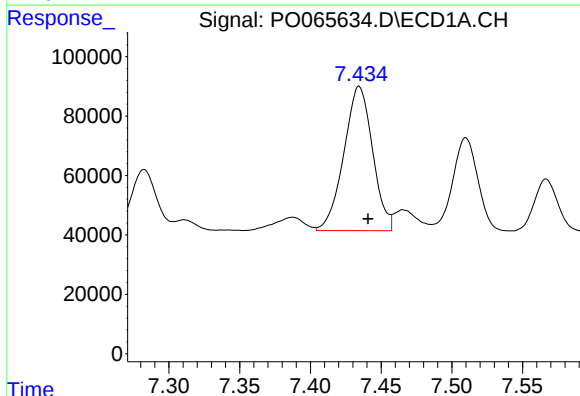
R.T.: 7.021 min
Delta R.T.: -0.005 min
Response: 81241
Conc: 63.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



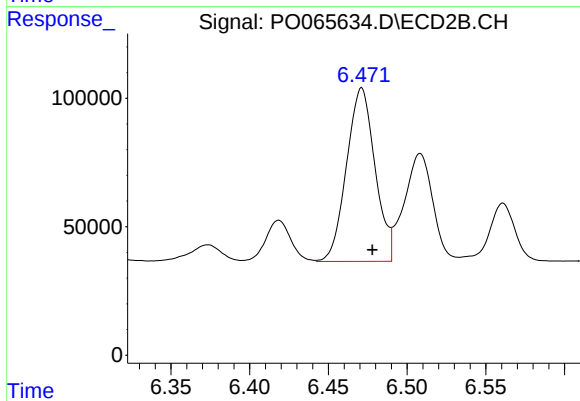
#29 AR-1254-4

R.T.: 6.059 min
Delta R.T.: -0.006 min
Response: 57541
Conc: 38.17 ng/ml



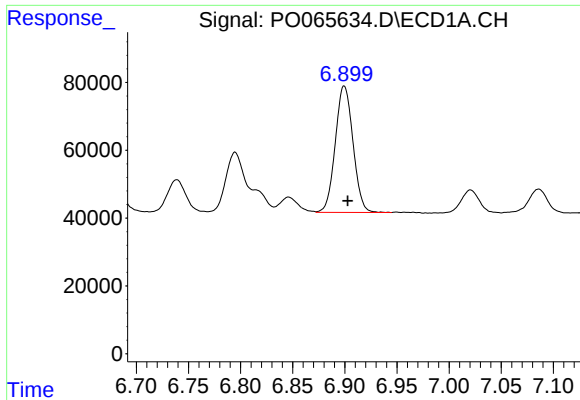
#30 AR-1254-5

R.T.: 7.434 min
Delta R.T.: -0.006 min
Response: 687522
Conc: 489.58 ng/ml



#30 AR-1254-5

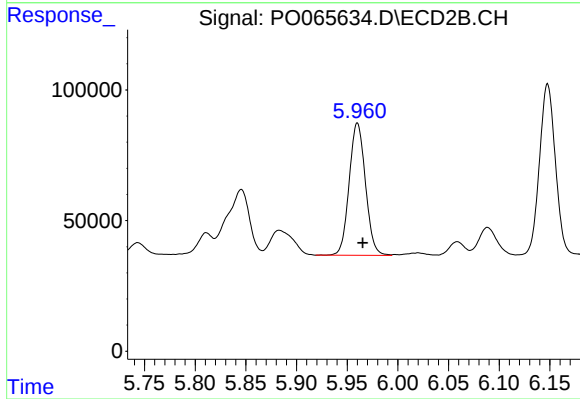
R.T.: 6.471 min
Delta R.T.: -0.007 min
Response: 850144
Conc: 381.93 ng/ml



#31 AR-1260-1

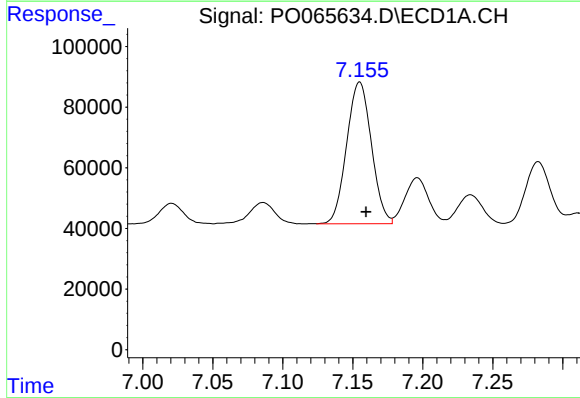
R.T.: 6.899 min
Delta R.T.: -0.003 min
Response: 440874
Conc: 319.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



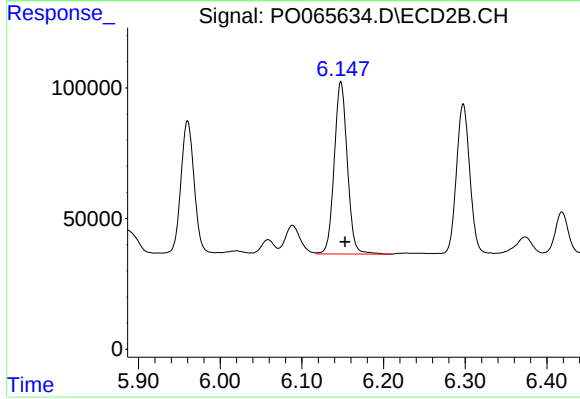
#31 AR-1260-1

R.T.: 5.960 min
Delta R.T.: -0.005 min
Response: 567190
Conc: 301.27 ng/ml



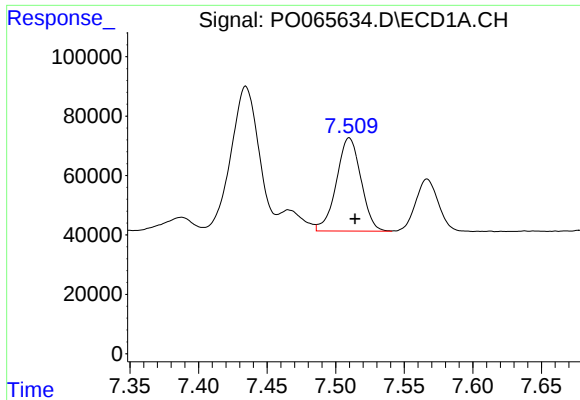
#32 AR-1260-2

R.T.: 7.155 min
Delta R.T.: -0.005 min
Response: 575519
Conc: 328.02 ng/ml



#32 AR-1260-2

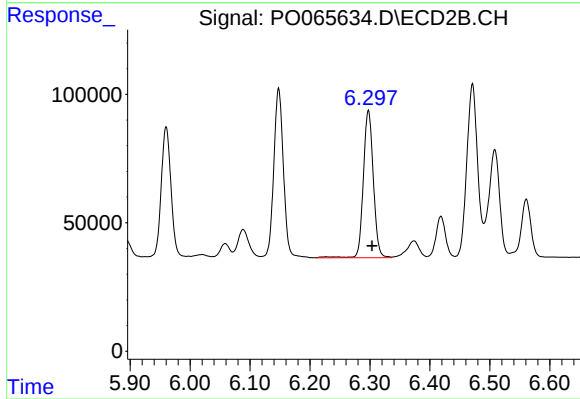
R.T.: 6.148 min
Delta R.T.: -0.005 min
Response: 734220
Conc: 302.21 ng/ml



#33 AR-1260-3

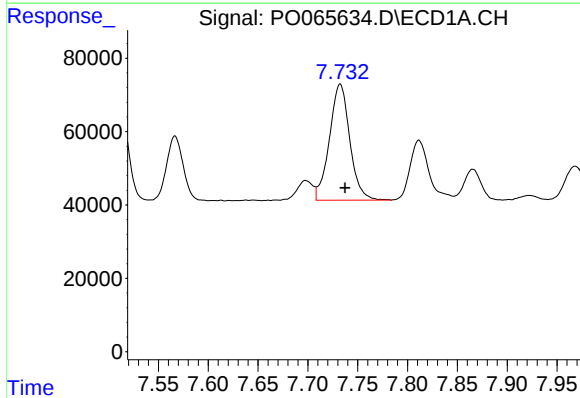
R.T.: 7.510 min
Delta R.T.: -0.004 min
Response: 390661
Conc: 276.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



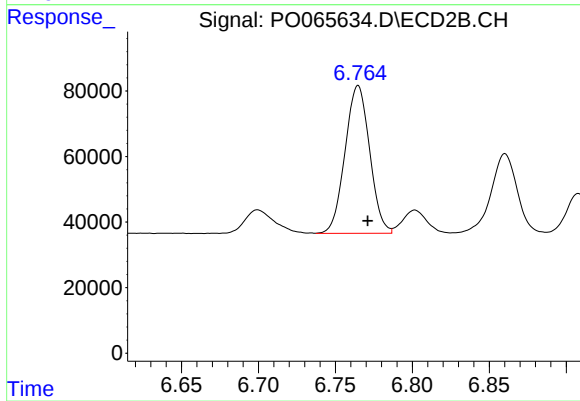
#33 AR-1260-3

R.T.: 6.298 min
Delta R.T.: -0.006 min
Response: 665124
Conc: 307.29 ng/ml



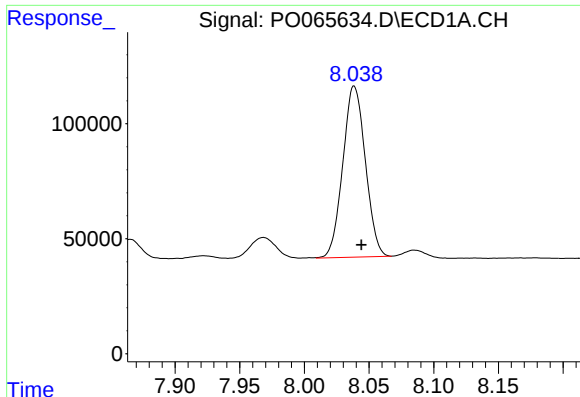
#34 AR-1260-4

R.T.: 7.732 min
Delta R.T.: -0.005 min
Response: 450224
Conc: 257.85 ng/ml



#34 AR-1260-4

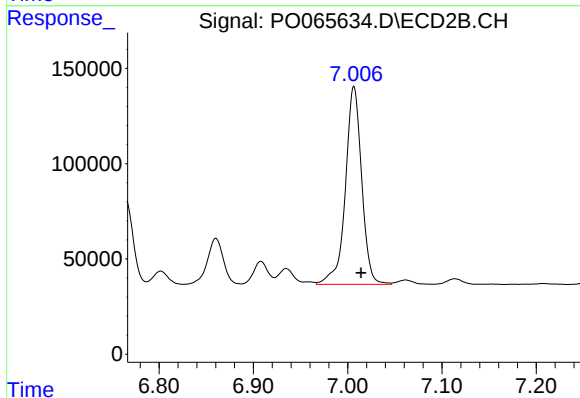
R.T.: 6.765 min
Delta R.T.: -0.006 min
Response: 500365
Conc: 249.41 ng/ml



#35 AR-1260-5

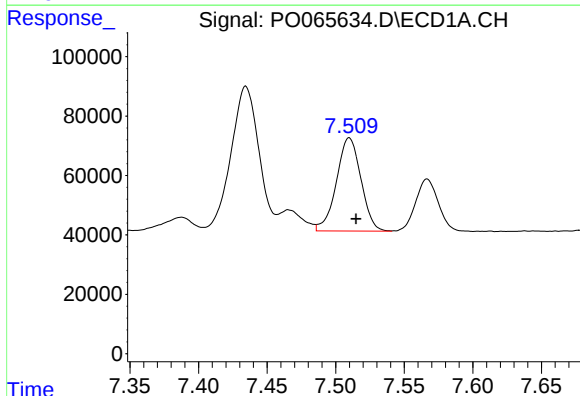
R.T.: 8.039 min
Delta R.T.: -0.006 min
Response: 902786
Conc: 269.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



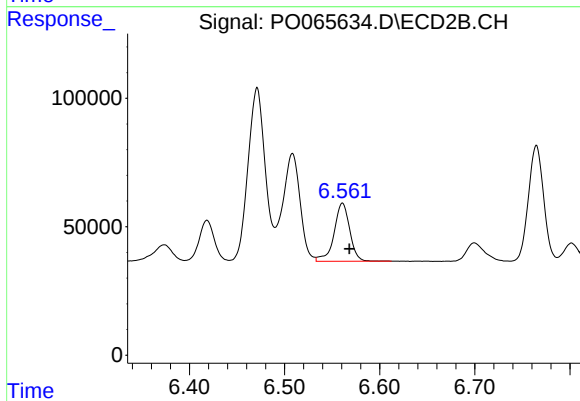
#35 AR-1260-5

R.T.: 7.007 min
Delta R.T.: -0.007 min
Response: 1248327
Conc: 252.16 ng/ml



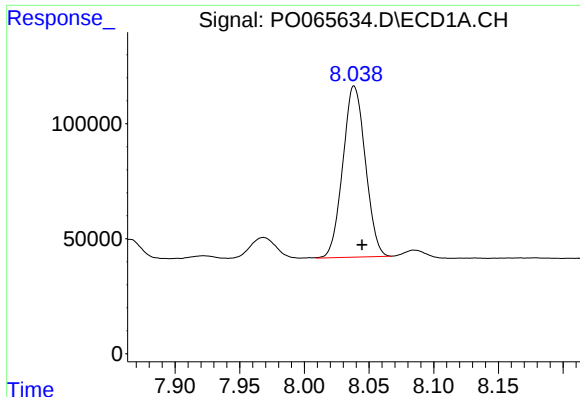
#36 AR-1262-1

R.T.: 7.510 min
Delta R.T.: -0.005 min
Response: 390661
Conc: 236.15 ng/ml



#36 AR-1262-1

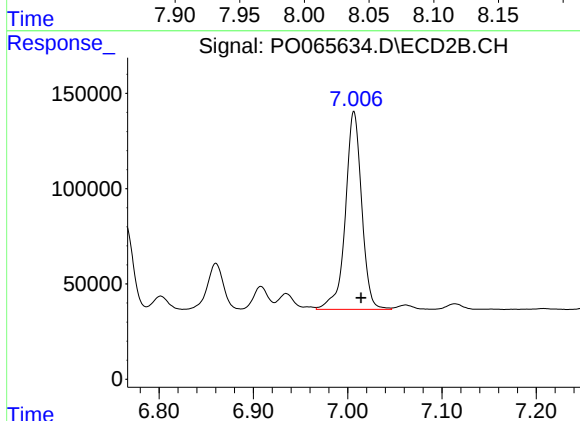
R.T.: 6.561 min
Delta R.T.: -0.007 min
Response: 259372
Conc: 275.12 ng/ml



#37 AR-1262-2

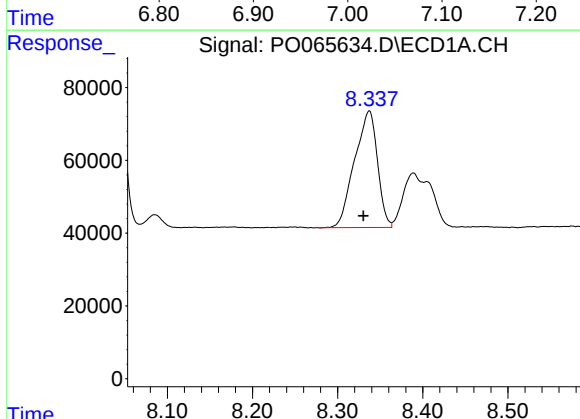
R.T.: 8.039 min
Delta R.T.: -0.006 min
Response: 902786
Conc: 281.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



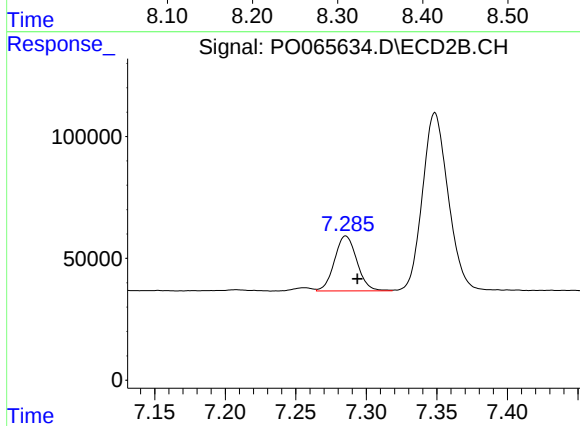
#37 AR-1262-2

R.T.: 7.007 min
Delta R.T.: -0.008 min
Response: 1248327
Conc: 277.82 ng/ml



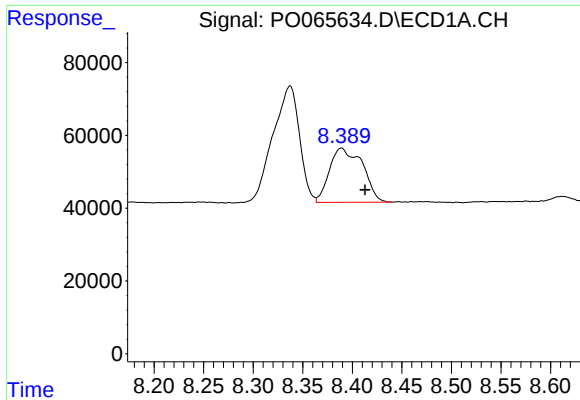
#38 AR-1262-3

R.T.: 8.337 min
Delta R.T.: 0.007 min
Response: 598502
Conc: 262.91 ng/ml



#38 AR-1262-3

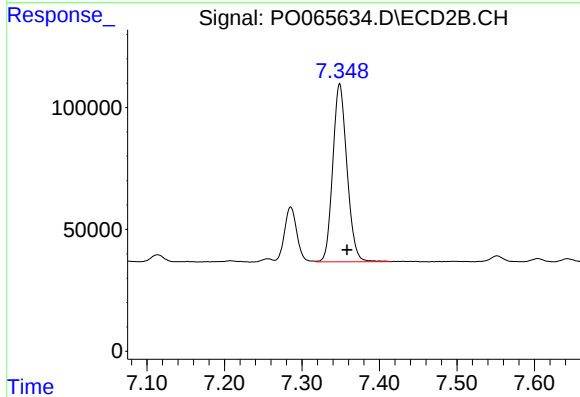
R.T.: 7.285 min
Delta R.T.: -0.008 min
Response: 249688
Conc: 148.35 ng/ml



#39 AR-1262-4

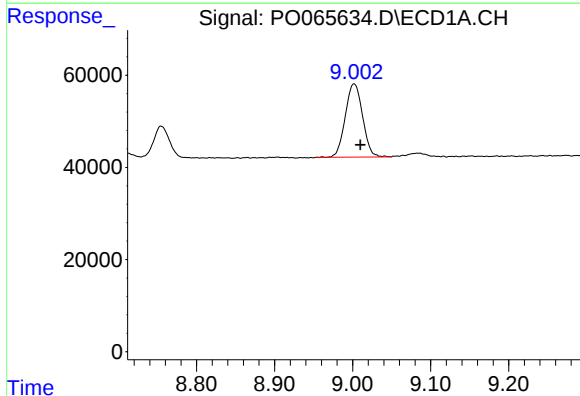
R.T.: 8.389 min
Delta R.T.: -0.024 min
Response: 345364
Conc: 195.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



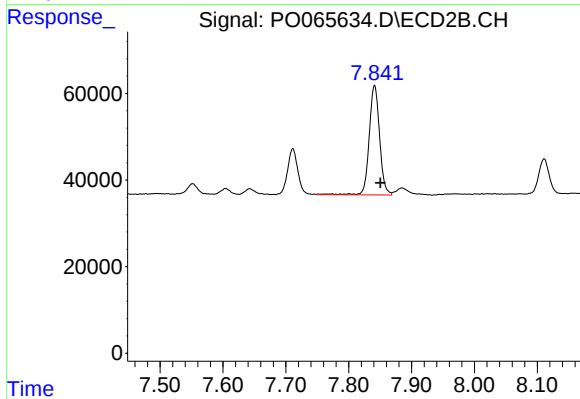
#39 AR-1262-4

R.T.: 7.349 min
Delta R.T.: -0.010 min
Response: 929474
Conc: 270.27 ng/ml



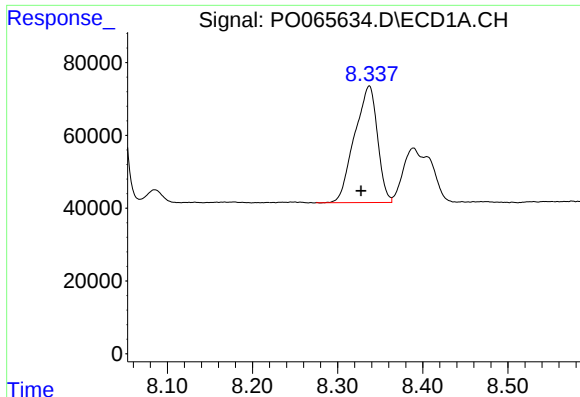
#40 AR-1262-5

R.T.: 9.002 min
Delta R.T.: -0.008 min
Response: 244680
Conc: 183.93 ng/ml



#40 AR-1262-5

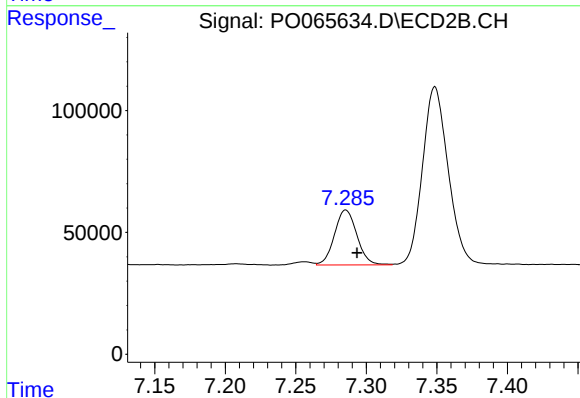
R.T.: 7.841 min
Delta R.T.: -0.009 min
Response: 291683
Conc: 171.05 ng/ml



#41 AR-1268-1

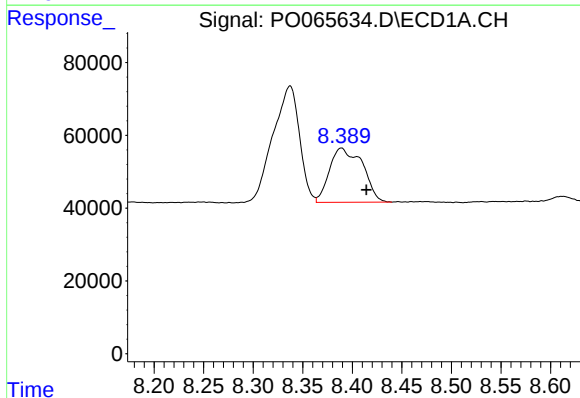
R.T.: 8.337 min
Delta R.T.: 0.010 min
Response: 598502
Conc: 147.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



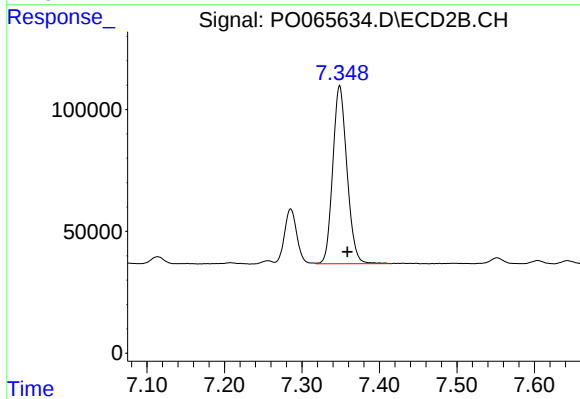
#41 AR-1268-1

R.T.: 7.285 min
Delta R.T.: -0.008 min
Response: 249688
Conc: 47.01 ng/ml



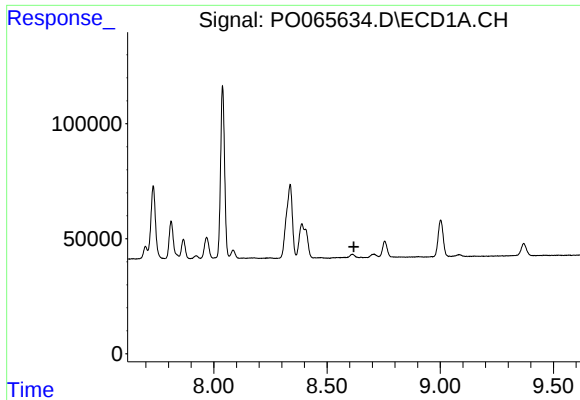
#42 AR-1268-2

R.T.: 8.389 min
Delta R.T.: -0.025 min
Response: 345364
Conc: 89.74 ng/ml



#42 AR-1268-2

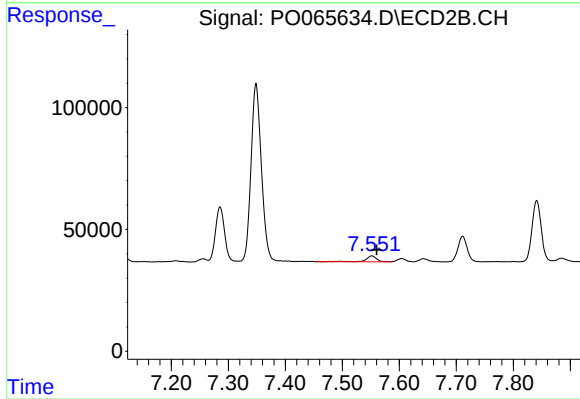
R.T.: 7.349 min
Delta R.T.: -0.010 min
Response: 929474
Conc: 182.98 ng/ml



#43 AR-1268-3

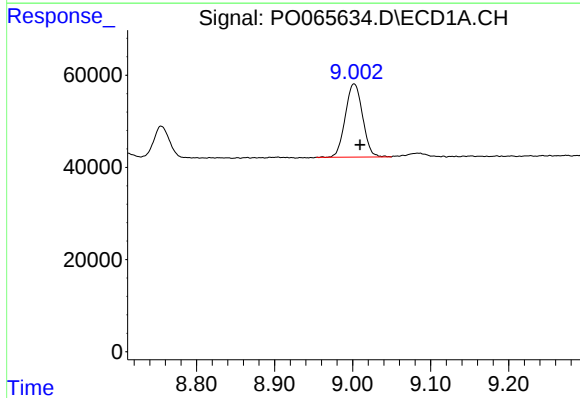
R.T.: 0.000 min
Exp R.T.: 8.619 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



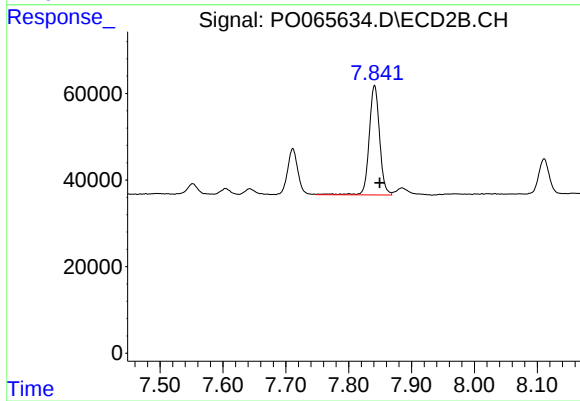
#43 AR-1268-3

R.T.: 7.552 min
Delta R.T.: -0.008 min
Response: 30516
Conc: 7.18 ng/ml



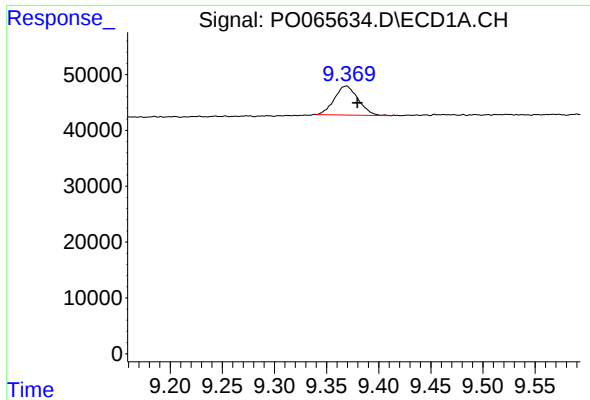
#44 AR-1268-4

R.T.: 9.002 min
Delta R.T.: -0.008 min
Response: 244680
Conc: 159.29 ng/ml



#44 AR-1268-4

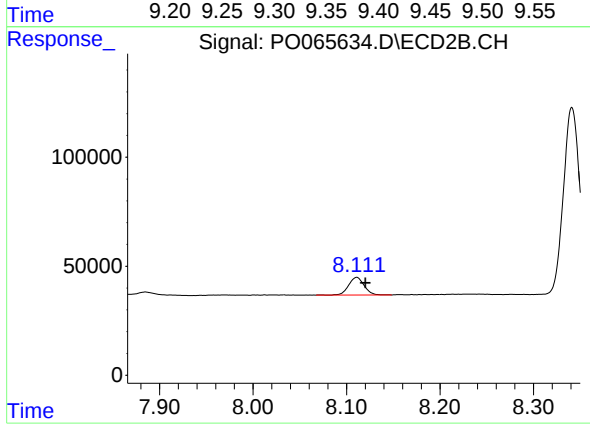
R.T.: 7.841 min
Delta R.T.: -0.008 min
Response: 291683
Conc: 147.37 ng/ml



#45 AR-1268-5

R.T.: 9.369 min
Delta R.T.: -0.011 min
Response: 82392
Conc: 7.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.111 min
Delta R.T.: -0.009 min
Response: 92290
Conc: 6.42 ng/ml