

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0020119\
 Data File : P0053674.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 01 Feb 2019 23:57
 Operator : SM/SJ
 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: Feb 02 01:22:26 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0013019.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 01 08:56:03 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...	4.096	3.159	100.7E6	13392384	51.663	55.836
2)	SA Decachlor...	9.483	7.767	49027660	13172730	50.304	52.754
Target Compounds							
3)	L1 AR-1016-1	5.236	4.137	20658783	5034804	458.808	572.269
4)	L1 AR-1016-2	5.257	4.151	33132119	7852835	491.657	556.256
5)	L1 AR-1016-3	5.316	4.308	21131697	4215266	532.452	534.095
6)	L1 AR-1016-4	5.415	4.351	17748852	3214999	557.704	614.800
7)	L1 AR-1016-5	5.698	4.541	16000255	4077917	570.288	560.944
8)	L2 AR-1221-1	4.304	3.352	2598461	446279	151.267	178.316
9)	L2 AR-1221-2	4.391	3.429	4011295	671837	335.163	376.576
10)	L2 AR-1221-3	4.467	3.496	14474852	2503270	367.504	397.522
11)	L3 AR-1232-1	4.467	3.496	14474852	2503270	450.713	467.477
12)	L3 AR-1232-2	4.975	4.151	17878356	7852835	1175.141	1236.517
13)	L3 AR-1232-3	5.257	4.308	33132119	4215266	1130.842	1194.532
14)	L3 AR-1232-4	5.415	4.386	17748852	3829088	1253.843	1496.194
15)	L3 AR-1232-5	5.499	4.541	13854324	4077917	1729.020	1296.982
16)	L4 AR-1242-1	5.236	4.137	20658783	5034804	571.434	678.128
17)	L4 AR-1242-2	5.257	4.151	33132119	7852835	627.156	685.292
18)	L4 AR-1242-3	5.316	4.308	21131697	4215266	661.621	683.899
19)	L4 AR-1242-4	5.415	4.386	17748852	3829088	686.147	718.346
20)	L4 AR-1242-5	6.132	4.863	4268449	4850289	173.362	660.145 #
21)	L5 AR-1248-1	5.236	4.137	20658783	5034804	754.935	878.595
22)	L5 AR-1248-2	5.499	4.351	13854324	3214999	420.509	423.821
23)	L5 AR-1248-3	5.698	4.386	16000255	3829088	417.923	488.715
24)	L5 AR-1248-4	6.095	4.541	5494024	4077917	130.902	410.723 #
25)	L5 AR-1248-5	6.132	4.902	4268449	1198302	106.173	115.727
26)	L6 AR-1254-1	6.065	4.863	15370268	4850289	365.564	297.812
27)	L6 AR-1254-2	6.276	5.003	13434416	3645406	205.824	264.305 #
28)	L6 AR-1254-3	6.641	5.386	7698536	6165111	112.447	282.047 #
29)	L6 AR-1254-4	6.920	5.595	6244724	1020442	122.525	71.891 #
30)	L6 AR-1254-5	7.332	5.982	37159394	11097555	776.337	594.102
31)	L7 AR-1260-1	6.795	5.493	25743799	8169527	528.145	536.519
32)	L7 AR-1260-2	7.049	5.677	31553669	9746278	507.744	525.643
33)	L7 AR-1260-3	7.399	5.814	20162742	9013946	515.446	527.294
34)	L7 AR-1260-4	7.623	6.259	21379339	5944945	494.760	539.845
35)	L7 AR-1260-5	7.929	6.501	45619878	14252462	501.153	523.391
36)	L8 AR-1262-1	7.399	6.017	20162742	7131526	293.863	360.095
37)	L8 AR-1262-2	7.929	6.501	45619878	14252462	378.631	419.669
38)	L8 AR-1262-3	8.225	6.764	17617188	2743644	714.378	211.046 #
39)	L8 AR-1262-4	8.268	6.827	16873358	10264042	272.204	419.349 #
40)	L8 AR-1262-5	8.862	7.311	10909113	3137579	258.289	280.678
41)	L9 AR-1268-1	8.200	6.764	9079325	2743644	61.277	71.054

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 ALS Vial : 3 Sample Multiplier: 1

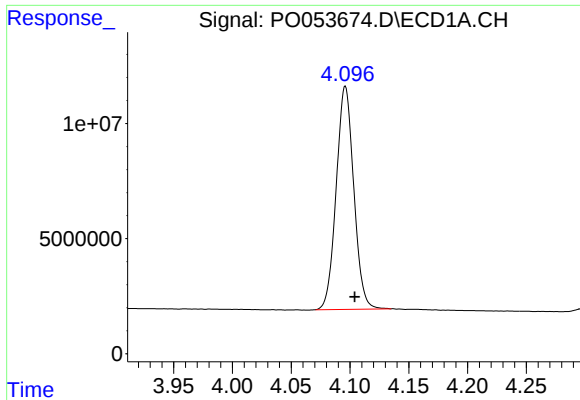
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 02 01:22:26 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0013019.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	8.268	6.827	16873358	10264042	120.225	280.683 #
44) L9	AR-1268-4	8.862	7.311	10909113	3137579	229.473	251.936
45) L9	AR-1268-5	9.209	7.566	2853218	913544	7.610	9.739 #

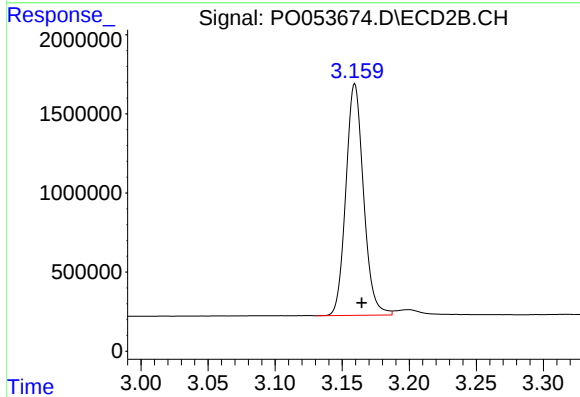
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

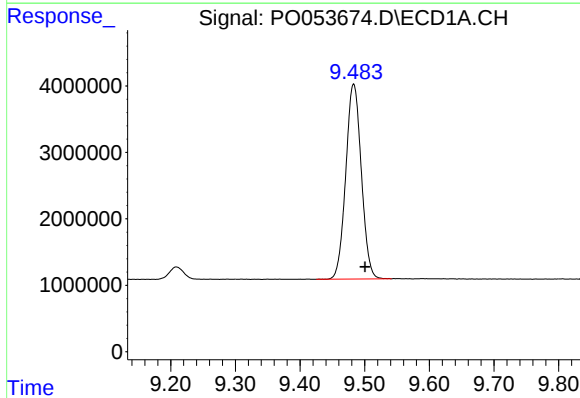
R.T.: 4.096 min
Delta R.T.: -0.008 min
Response: 100694791
Conc: 51.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



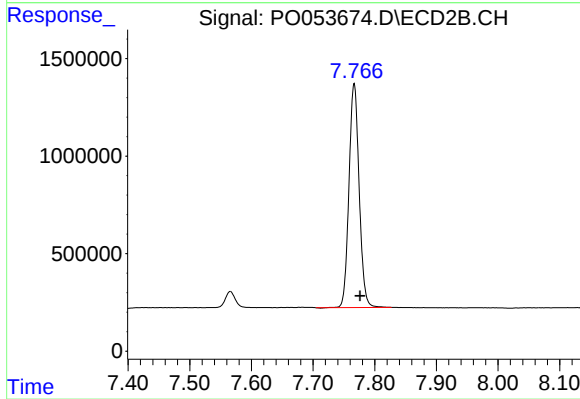
#1 Tetrachloro-m-xylene

R.T.: 3.159 min
Delta R.T.: -0.005 min
Response: 13392384
Conc: 55.84 ng/ml



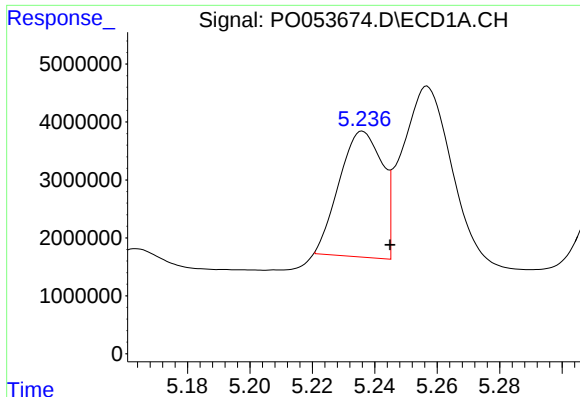
#2 Decachlorobiphenyl

R.T.: 9.483 min
Delta R.T.: -0.018 min
Response: 49027660
Conc: 50.30 ng/ml



#2 Decachlorobiphenyl

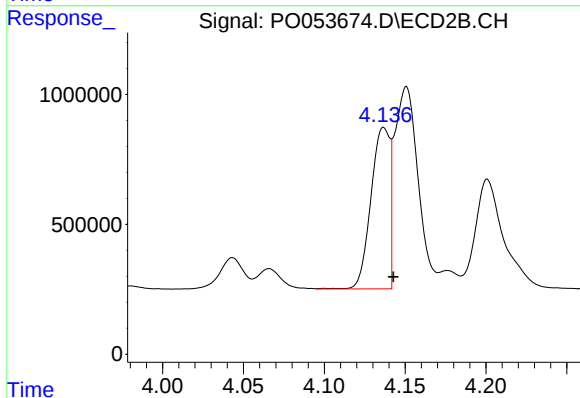
R.T.: 7.767 min
Delta R.T.: -0.010 min
Response: 13172730
Conc: 52.75 ng/ml



#3 AR-1016-1

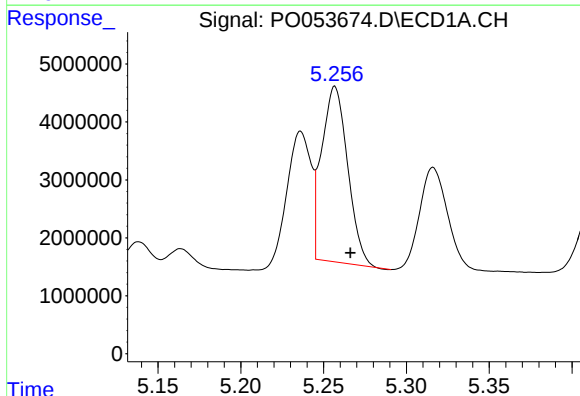
R.T.: 5.236 min
Delta R.T.: -0.009 min
Response: 20658783
Conc: 458.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



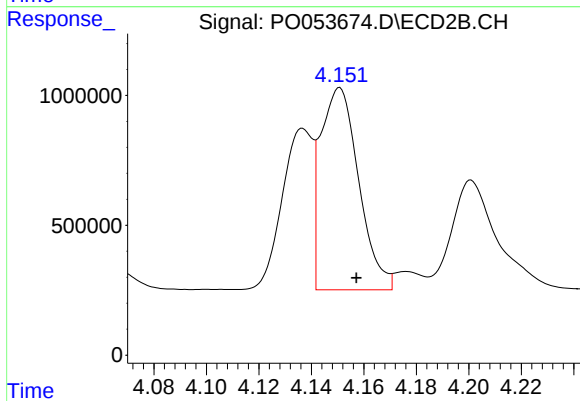
#3 AR-1016-1

R.T.: 4.137 min
Delta R.T.: -0.006 min
Response: 5034804
Conc: 572.27 ng/ml



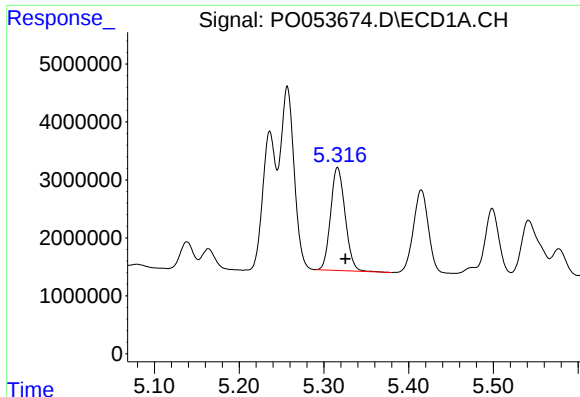
#4 AR-1016-2

R.T.: 5.257 min
Delta R.T.: -0.009 min
Response: 33132119
Conc: 491.66 ng/ml



#4 AR-1016-2

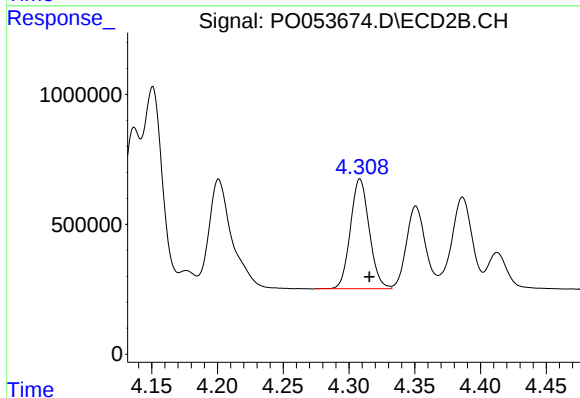
R.T.: 4.151 min
Delta R.T.: -0.006 min
Response: 7852835
Conc: 556.26 ng/ml



#5 AR-1016-3

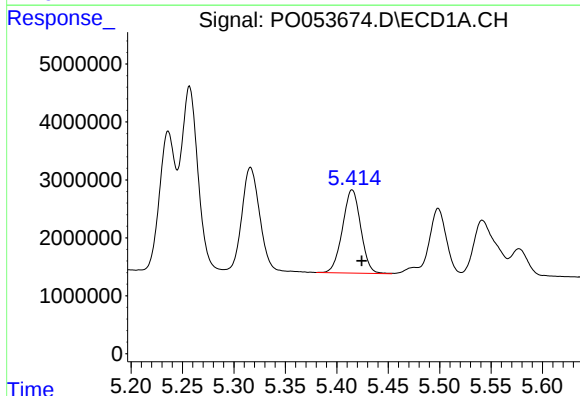
R.T.: 5.316 min
Delta R.T.: -0.009 min
Response: 21131697
Conc: 532.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



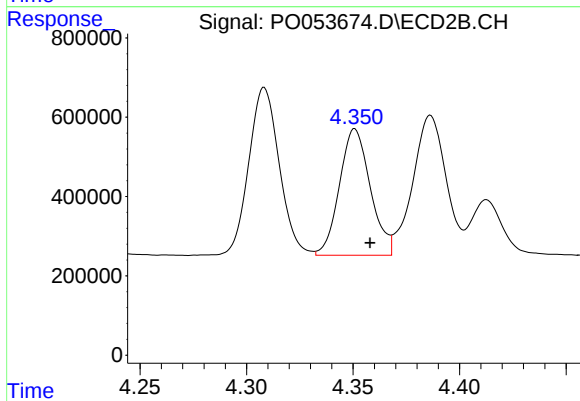
#5 AR-1016-3

R.T.: 4.308 min
Delta R.T.: -0.007 min
Response: 4215266
Conc: 534.10 ng/ml



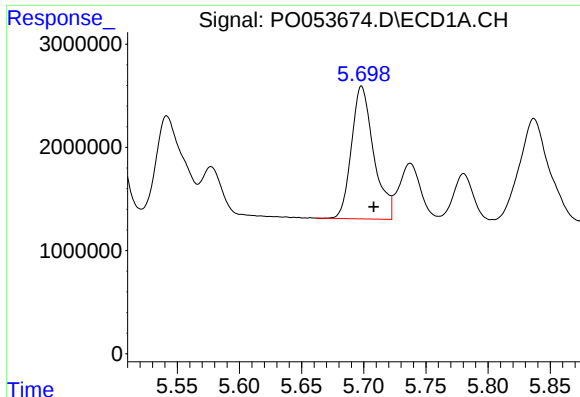
#6 AR-1016-4

R.T.: 5.415 min
Delta R.T.: -0.010 min
Response: 17748852
Conc: 557.70 ng/ml



#6 AR-1016-4

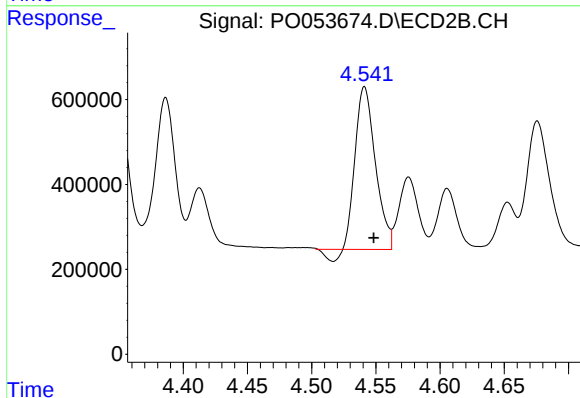
R.T.: 4.351 min
Delta R.T.: -0.007 min
Response: 3214999
Conc: 614.80 ng/ml



#7 AR-1016-5

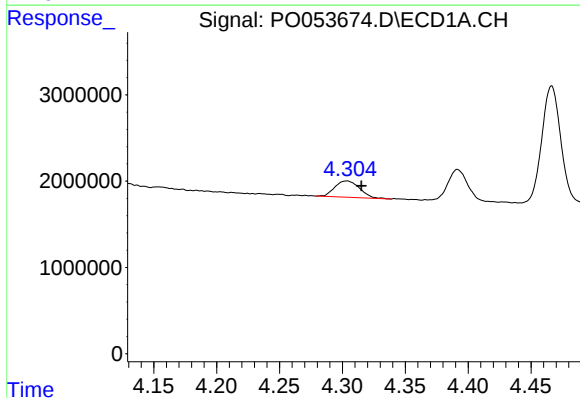
R.T.: 5.698 min
Delta R.T.: -0.010 min
Response: 16000255
Conc: 570.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



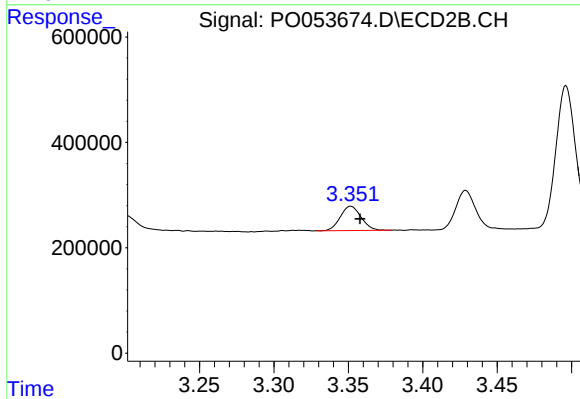
#7 AR-1016-5

R.T.: 4.541 min
Delta R.T.: -0.007 min
Response: 4077917
Conc: 560.94 ng/ml



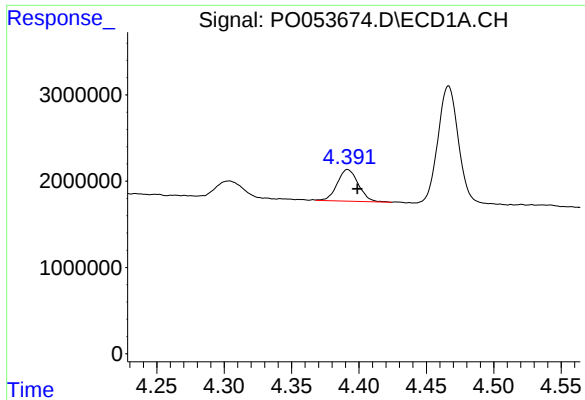
#8 AR-1221-1

R.T.: 4.304 min
Delta R.T.: -0.011 min
Response: 2598461
Conc: 151.27 ng/ml



#8 AR-1221-1

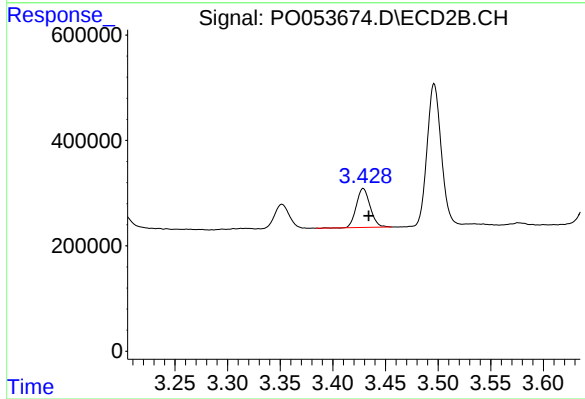
R.T.: 3.352 min
Delta R.T.: -0.006 min
Response: 446279
Conc: 178.32 ng/ml



#9 AR-1221-2

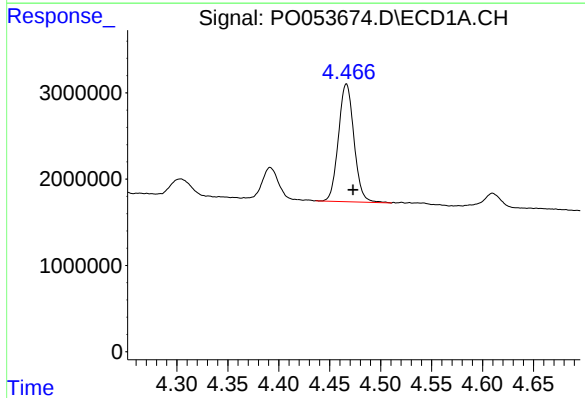
R.T.: 4.391 min
Delta R.T.: -0.007 min
Response: 4011295
Conc: 335.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



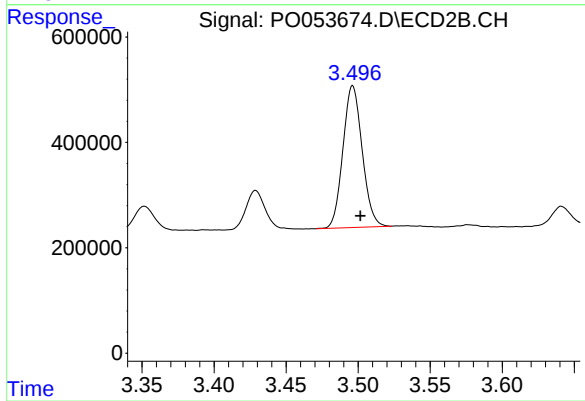
#9 AR-1221-2

R.T.: 3.429 min
Delta R.T.: -0.005 min
Response: 671837
Conc: 376.58 ng/ml



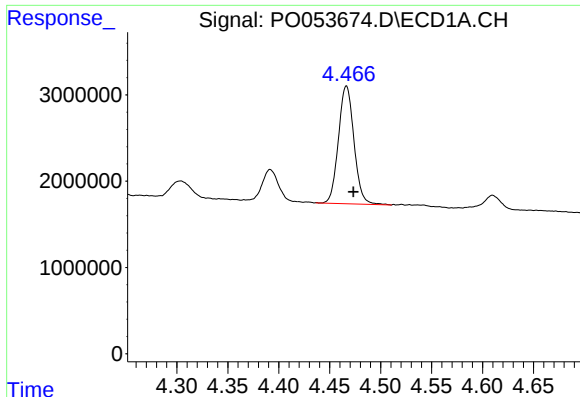
#10 AR-1221-3

R.T.: 4.467 min
Delta R.T.: -0.006 min
Response: 14474852
Conc: 367.50 ng/ml



#10 AR-1221-3

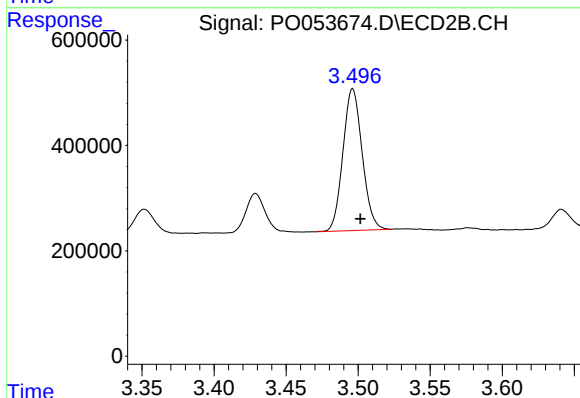
R.T.: 3.496 min
Delta R.T.: -0.005 min
Response: 2503270
Conc: 397.52 ng/ml



#11 AR-1232-1

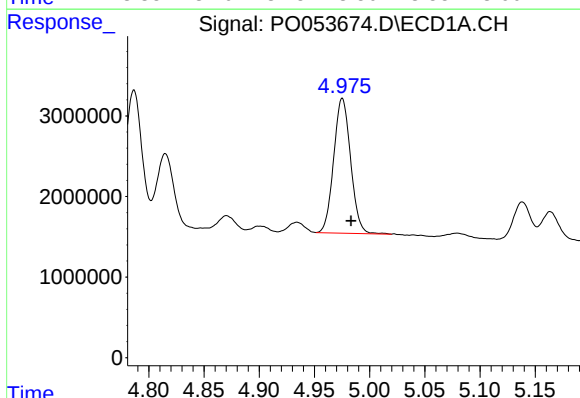
R.T.: 4.467 min
Delta R.T.: -0.007 min
Response: 14474852
Conc: 450.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



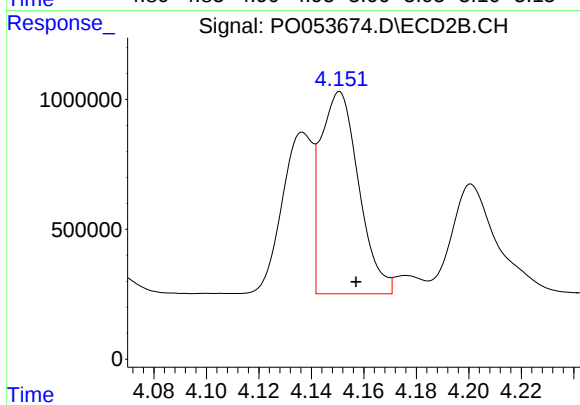
#11 AR-1232-1

R.T.: 3.496 min
Delta R.T.: -0.005 min
Response: 2503270
Conc: 467.48 ng/ml



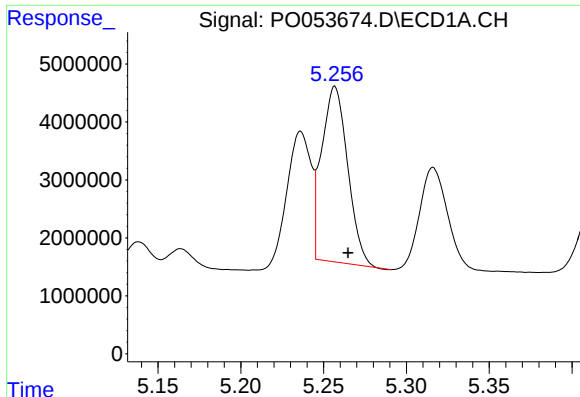
#12 AR-1232-2

R.T.: 4.975 min
Delta R.T.: -0.008 min
Response: 17878356
Conc: 1175.14 ng/ml



#12 AR-1232-2

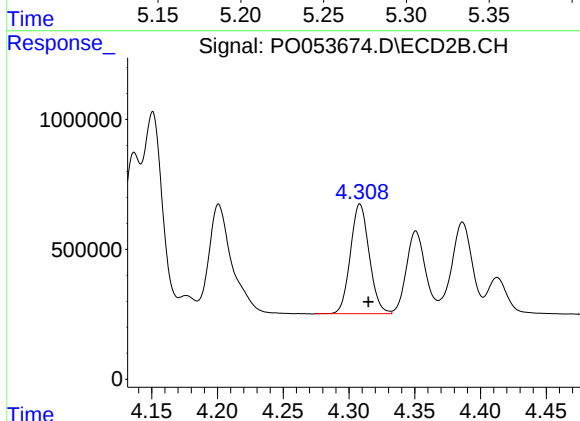
R.T.: 4.151 min
Delta R.T.: -0.006 min
Response: 7852835
Conc: 1236.52 ng/ml



#13 AR-1232-3

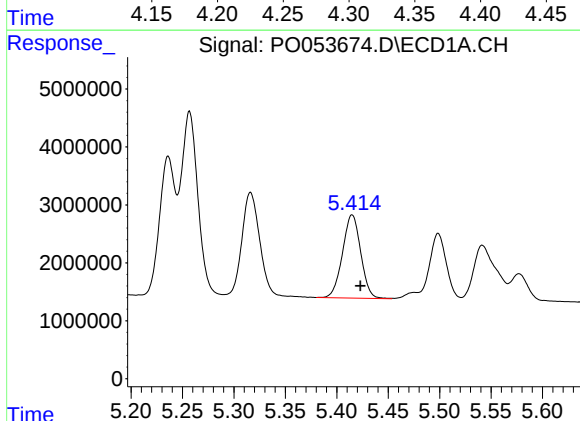
R.T.: 5.257 min
Delta R.T.: -0.008 min
Response: 33132119
Conc: 1130.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



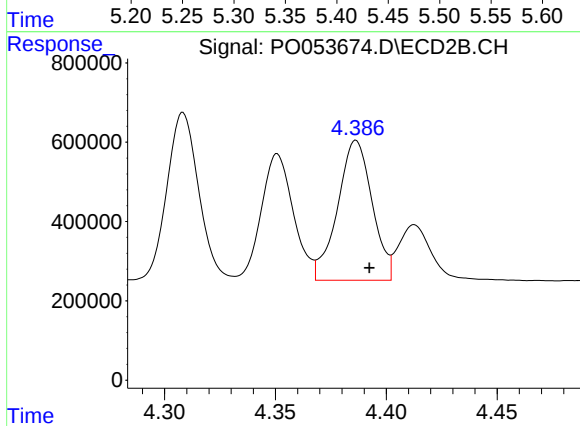
#13 AR-1232-3

R.T.: 4.308 min
Delta R.T.: -0.006 min
Response: 4215266
Conc: 1194.53 ng/ml



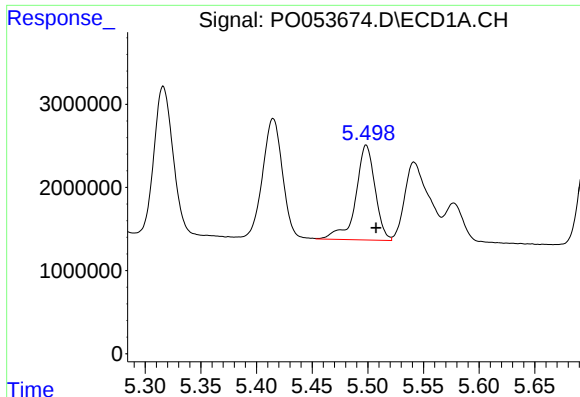
#14 AR-1232-4

R.T.: 5.415 min
Delta R.T.: -0.008 min
Response: 17748852
Conc: 1253.84 ng/ml



#14 AR-1232-4

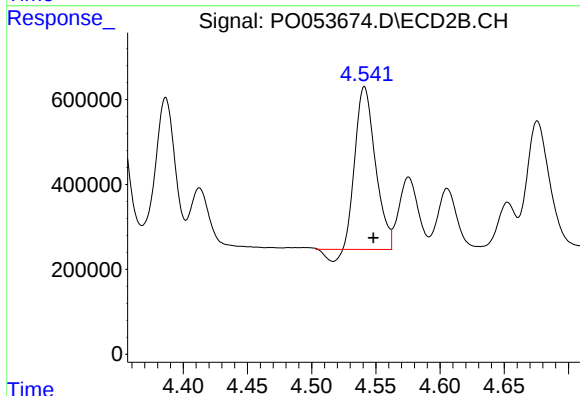
R.T.: 4.386 min
Delta R.T.: -0.006 min
Response: 3829088
Conc: 1496.19 ng/ml



#15 AR-1232-5

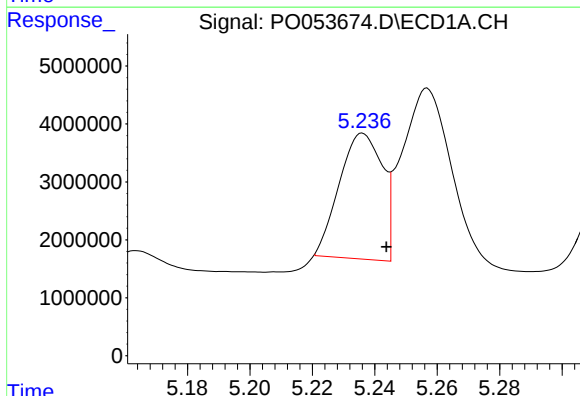
R.T.: 5.499 min
Delta R.T.: -0.009 min
Response: 13854324
Conc: 1729.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



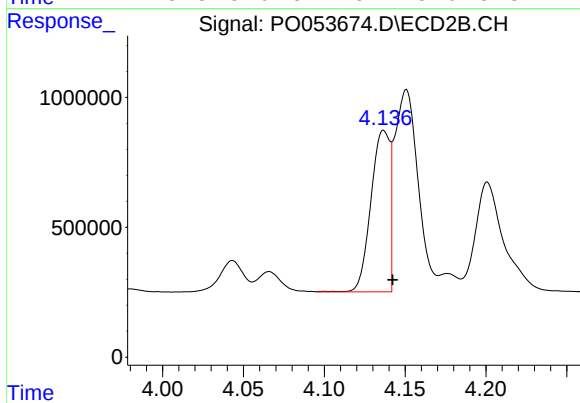
#15 AR-1232-5

R.T.: 4.541 min
Delta R.T.: -0.007 min
Response: 4077917
Conc: 1296.98 ng/ml



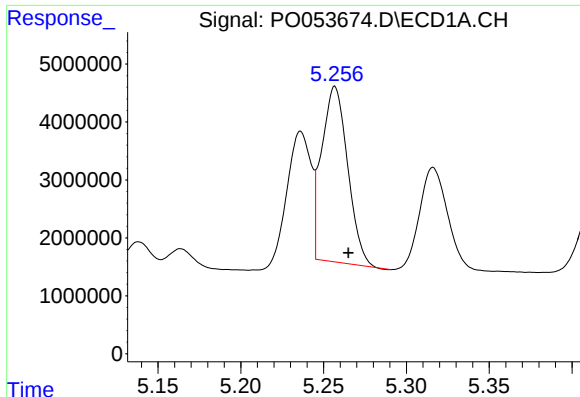
#16 AR-1242-1

R.T.: 5.236 min
Delta R.T.: -0.008 min
Response: 20658783
Conc: 571.43 ng/ml



#16 AR-1242-1

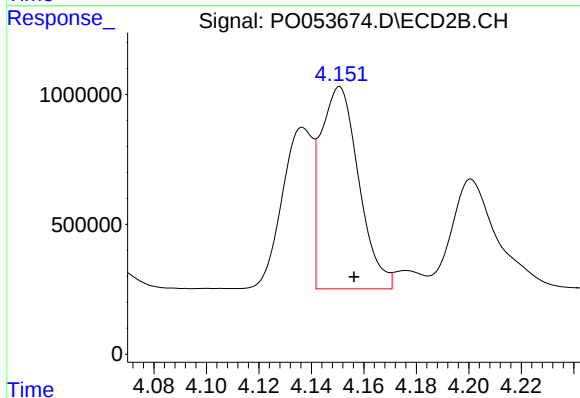
R.T.: 4.137 min
Delta R.T.: -0.006 min
Response: 5034804
Conc: 678.13 ng/ml



#17 AR-1242-2

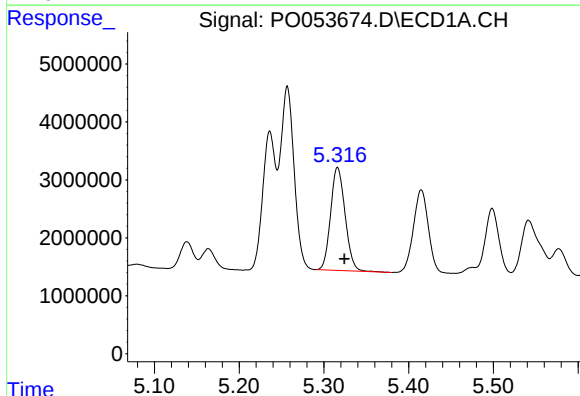
R.T.: 5.257 min
Delta R.T.: -0.008 min
Response: 33132119
Conc: 627.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



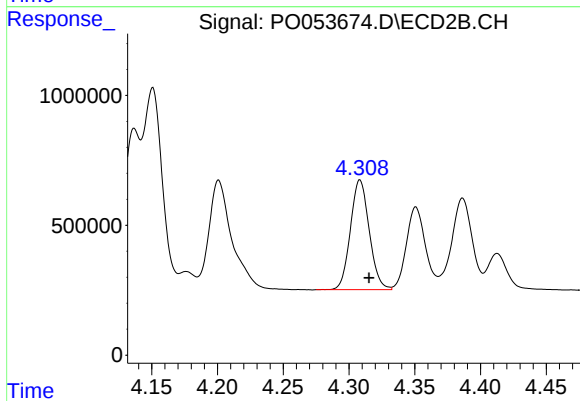
#17 AR-1242-2

R.T.: 4.151 min
Delta R.T.: -0.005 min
Response: 7852835
Conc: 685.29 ng/ml



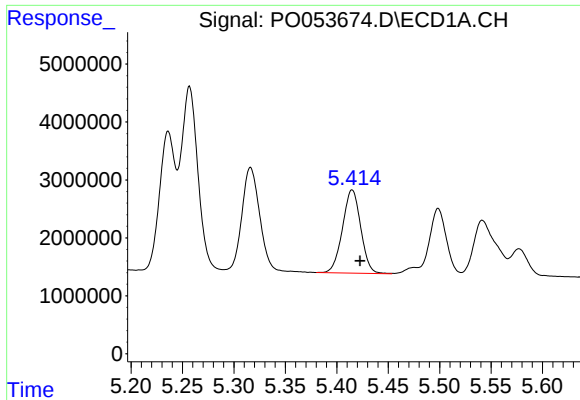
#18 AR-1242-3

R.T.: 5.316 min
Delta R.T.: -0.008 min
Response: 21131697
Conc: 661.62 ng/ml



#18 AR-1242-3

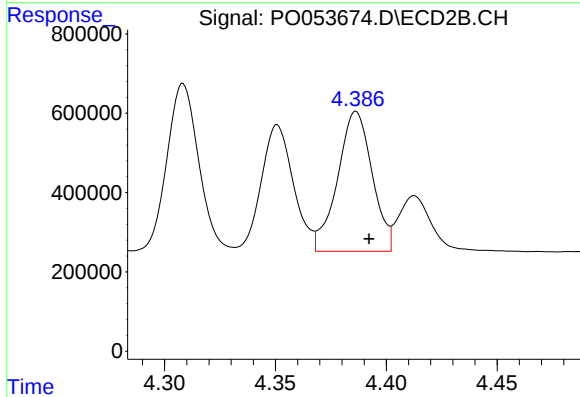
R.T.: 4.308 min
Delta R.T.: -0.007 min
Response: 4215266
Conc: 683.90 ng/ml



#19 AR-1242-4

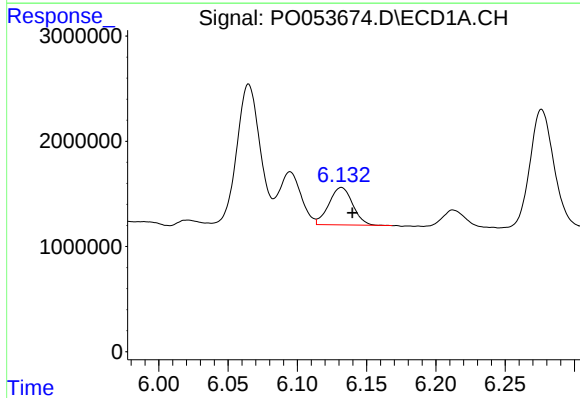
R.T.: 5.415 min
Delta R.T.: -0.008 min
Response: 17748852
Conc: 686.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



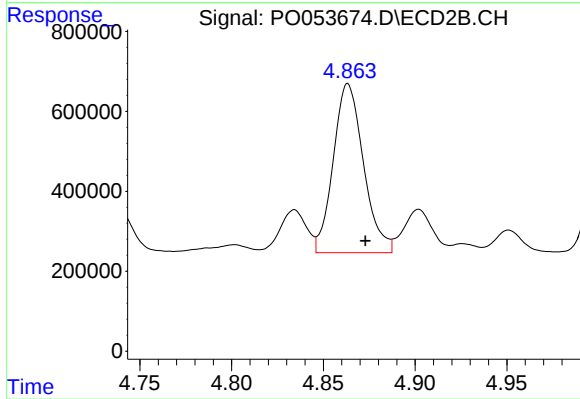
#19 AR-1242-4

R.T.: 4.386 min
Delta R.T.: -0.006 min
Response: 3829088
Conc: 718.35 ng/ml



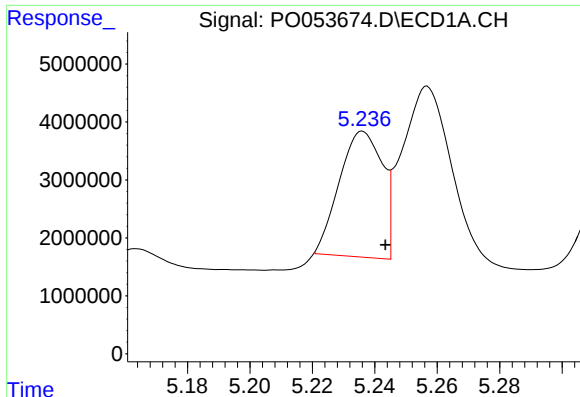
#20 AR-1242-5

R.T.: 6.132 min
Delta R.T.: -0.008 min
Response: 4268449
Conc: 173.36 ng/ml



#20 AR-1242-5

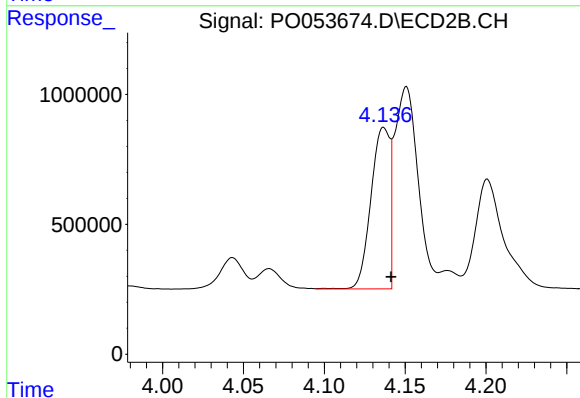
R.T.: 4.863 min
Delta R.T.: -0.010 min
Response: 4850289
Conc: 660.15 ng/ml



#21 AR-1248-1

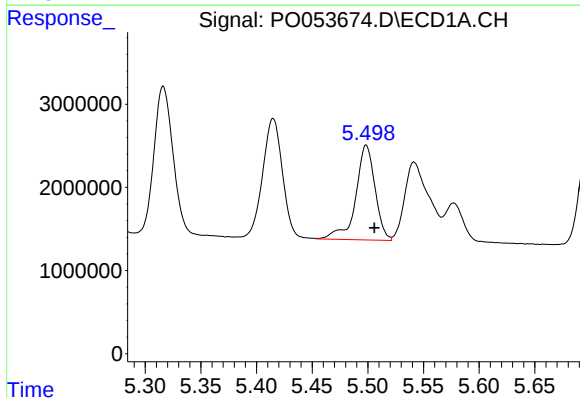
R.T.: 5.236 min
Delta R.T.: -0.007 min
Response: 20658783
Conc: 754.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



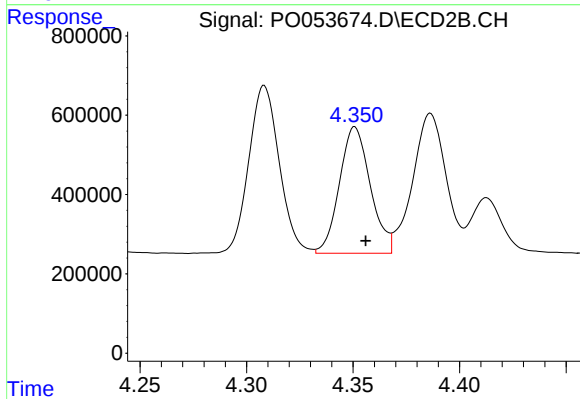
#21 AR-1248-1

R.T.: 4.137 min
Delta R.T.: -0.005 min
Response: 5034804
Conc: 878.60 ng/ml



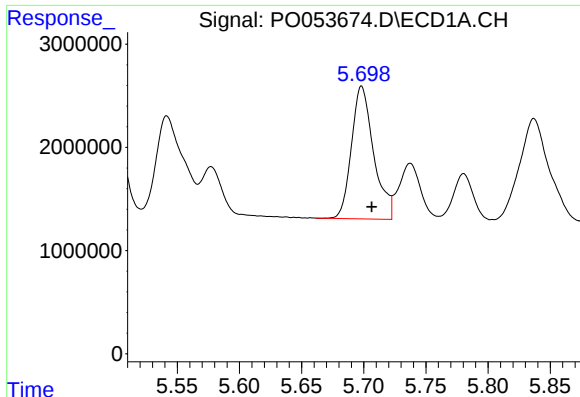
#22 AR-1248-2

R.T.: 5.499 min
Delta R.T.: -0.007 min
Response: 13854324
Conc: 420.51 ng/ml



#22 AR-1248-2

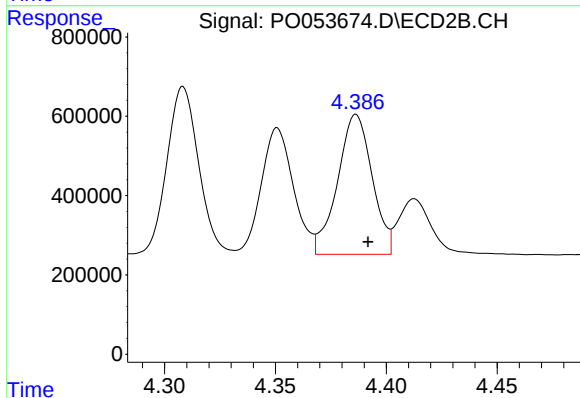
R.T.: 4.351 min
Delta R.T.: -0.005 min
Response: 3214999
Conc: 423.82 ng/ml



#23 AR-1248-3

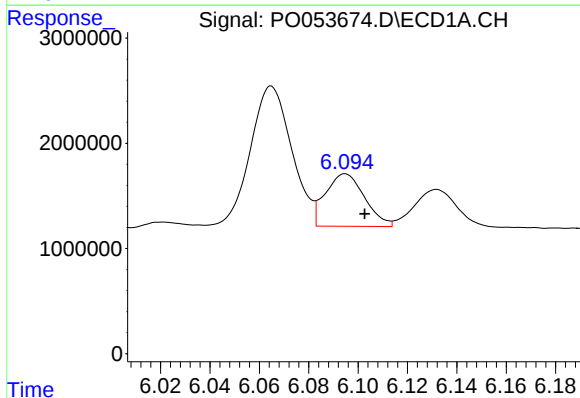
R.T.: 5.698 min
Delta R.T.: -0.008 min
Response: 16000255
Conc: 417.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



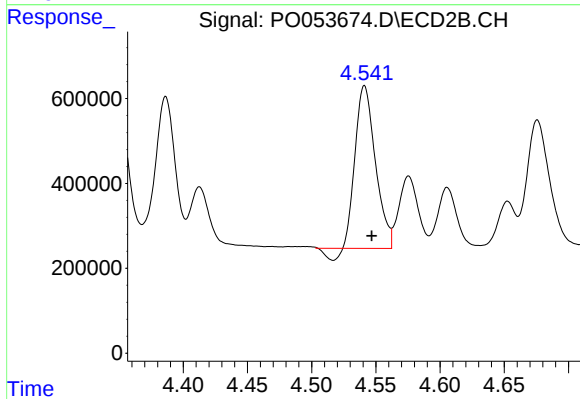
#23 AR-1248-3

R.T.: 4.386 min
Delta R.T.: -0.005 min
Response: 3829088
Conc: 488.72 ng/ml



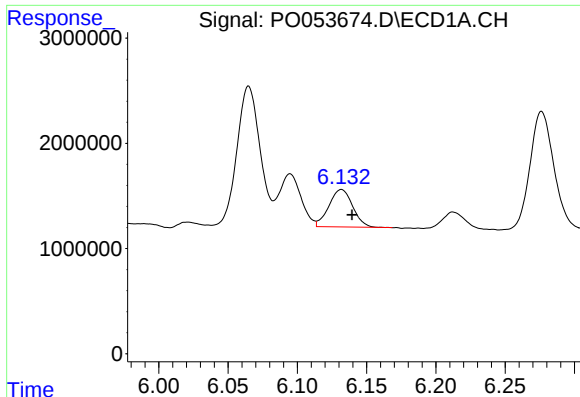
#24 AR-1248-4

R.T.: 6.095 min
Delta R.T.: -0.008 min
Response: 5494024
Conc: 130.90 ng/ml



#24 AR-1248-4

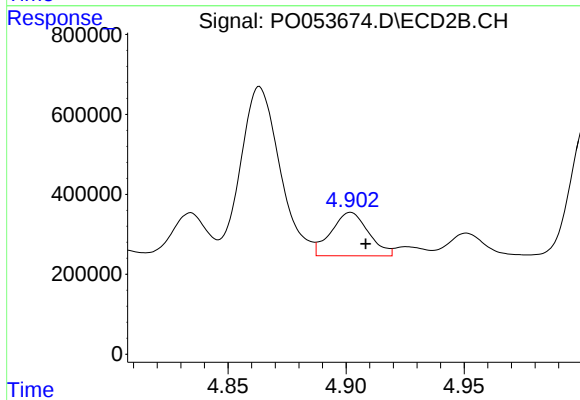
R.T.: 4.541 min
Delta R.T.: -0.006 min
Response: 4077917
Conc: 410.72 ng/ml



#25 AR-1248-5

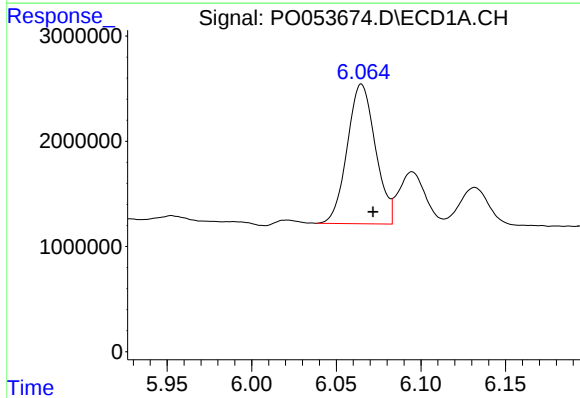
R.T.: 6.132 min
Delta R.T.: -0.008 min
Response: 4268449
Conc: 106.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



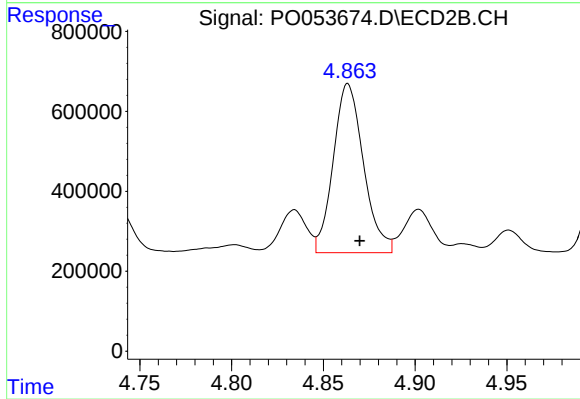
#25 AR-1248-5

R.T.: 4.902 min
Delta R.T.: -0.006 min
Response: 1198302
Conc: 115.73 ng/ml



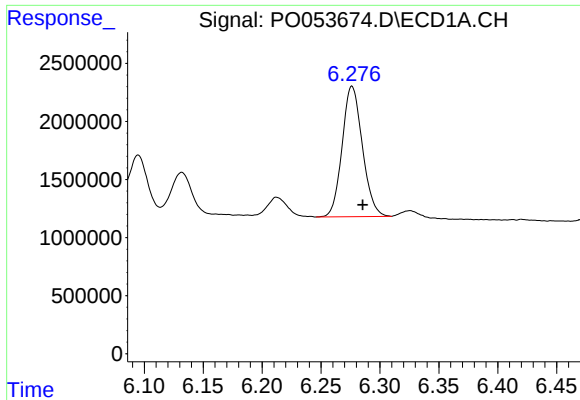
#26 AR-1254-1

R.T.: 6.065 min
Delta R.T.: -0.007 min
Response: 15370268
Conc: 365.56 ng/ml



#26 AR-1254-1

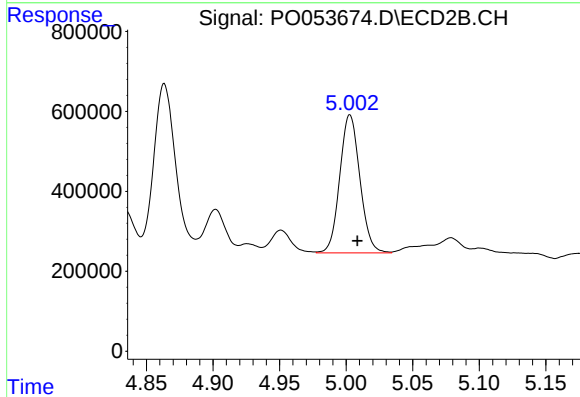
R.T.: 4.863 min
Delta R.T.: -0.007 min
Response: 4850289
Conc: 297.81 ng/ml



#27 AR-1254-2

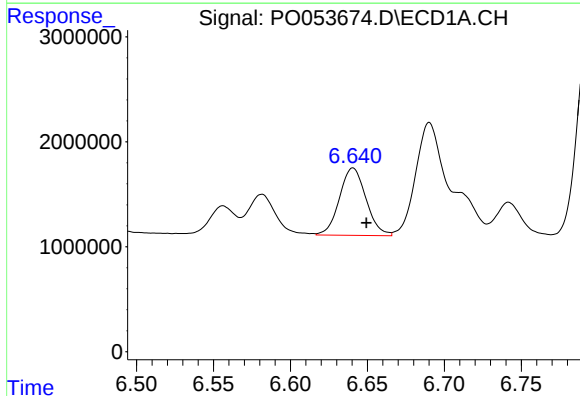
R.T.: 6.276 min
Delta R.T.: -0.009 min
Response: 13434416
Conc: 205.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



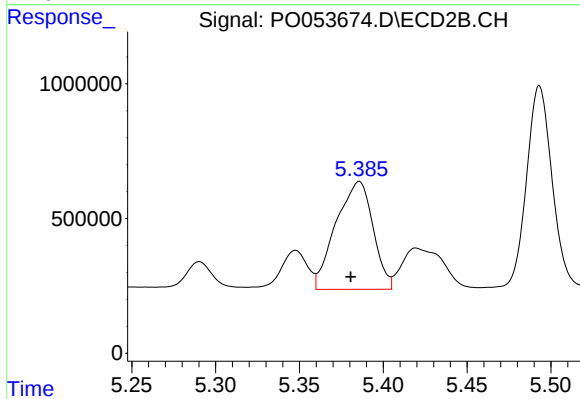
#27 AR-1254-2

R.T.: 5.003 min
Delta R.T.: -0.006 min
Response: 3645406
Conc: 264.31 ng/ml



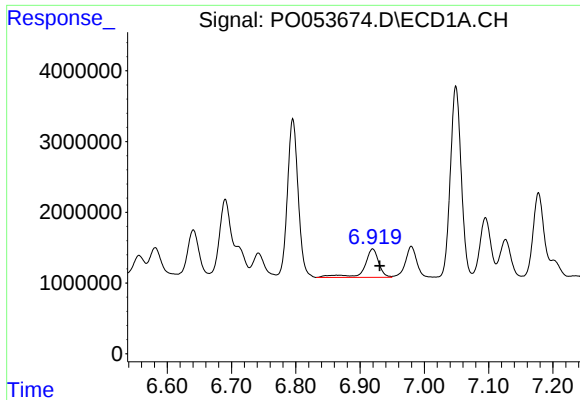
#28 AR-1254-3

R.T.: 6.641 min
Delta R.T.: -0.009 min
Response: 7698536
Conc: 112.45 ng/ml



#28 AR-1254-3

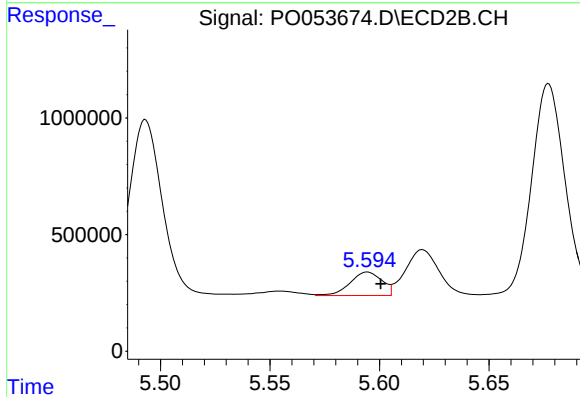
R.T.: 5.386 min
Delta R.T.: 0.005 min
Response: 6165111
Conc: 282.05 ng/ml



#29 AR-1254-4

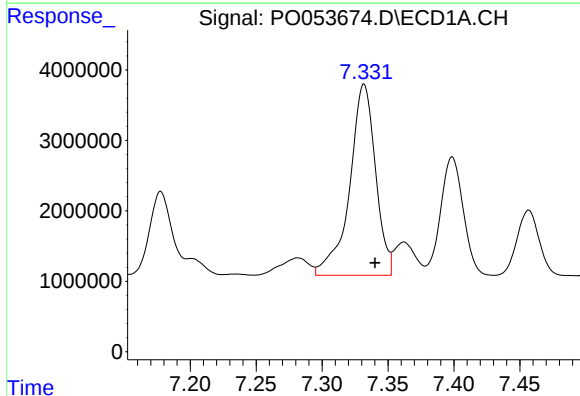
R.T.: 6.920 min
Delta R.T.: -0.011 min
Response: 6244724
Conc: 122.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



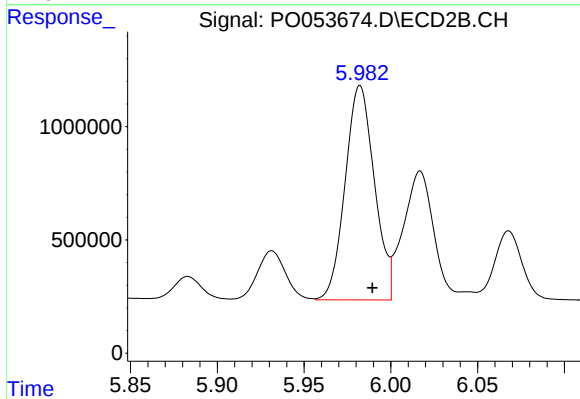
#29 AR-1254-4

R.T.: 5.595 min
Delta R.T.: -0.006 min
Response: 1020442
Conc: 71.89 ng/ml



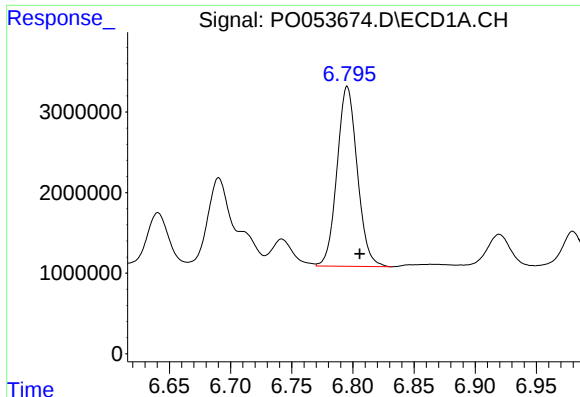
#30 AR-1254-5

R.T.: 7.332 min
Delta R.T.: -0.008 min
Response: 37159394
Conc: 776.34 ng/ml



#30 AR-1254-5

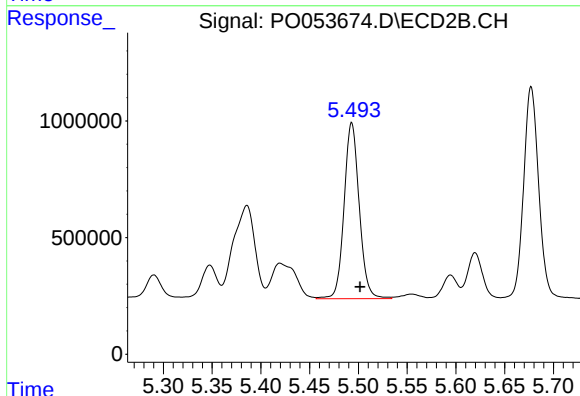
R.T.: 5.982 min
Delta R.T.: -0.007 min
Response: 11097555
Conc: 594.10 ng/ml



#31 AR-1260-1

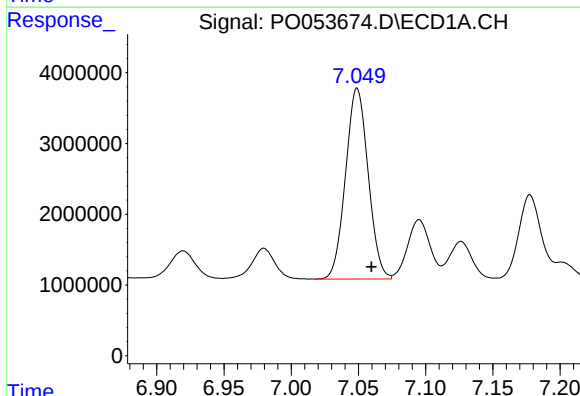
R.T.: 6.795 min
Delta R.T.: -0.010 min
Response: 25743799
Conc: 528.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



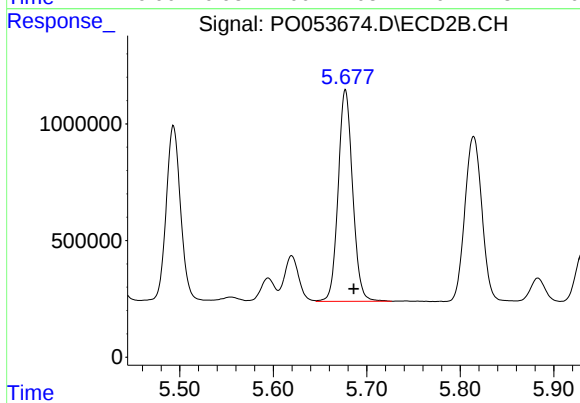
#31 AR-1260-1

R.T.: 5.493 min
Delta R.T.: -0.008 min
Response: 8169527
Conc: 536.52 ng/ml



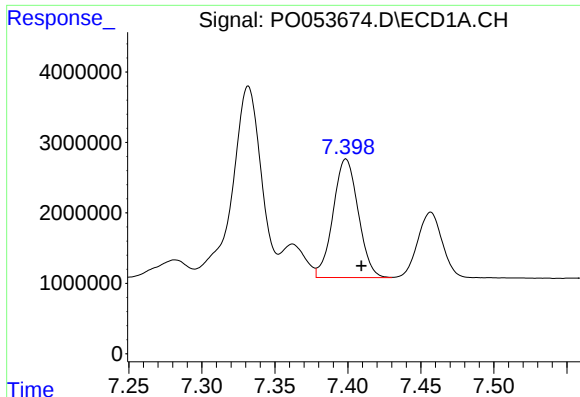
#32 AR-1260-2

R.T.: 7.049 min
Delta R.T.: -0.011 min
Response: 31553669
Conc: 507.74 ng/ml



#32 AR-1260-2

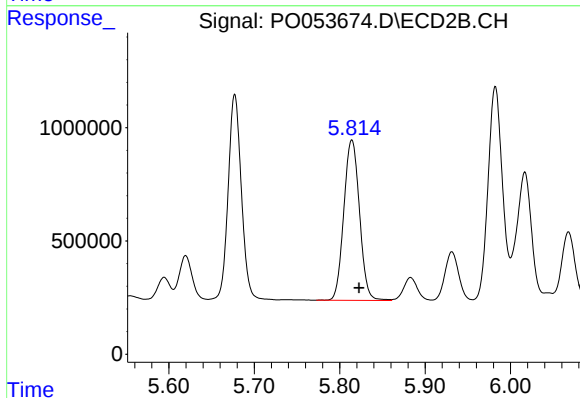
R.T.: 5.677 min
Delta R.T.: -0.009 min
Response: 9746278
Conc: 525.64 ng/ml



#33 AR-1260-3

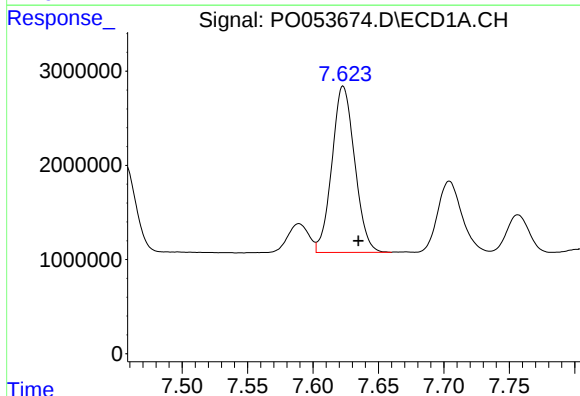
R.T.: 7.399 min
Delta R.T.: -0.011 min
Response: 20162742
Conc: 515.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



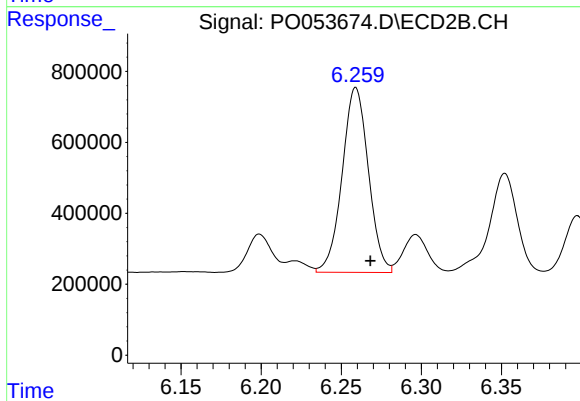
#33 AR-1260-3

R.T.: 5.814 min
Delta R.T.: -0.008 min
Response: 9013946
Conc: 527.29 ng/ml



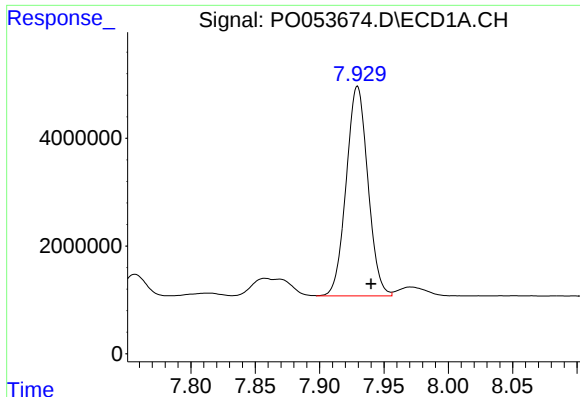
#34 AR-1260-4

R.T.: 7.623 min
Delta R.T.: -0.012 min
Response: 21379339
Conc: 494.76 ng/ml



#34 AR-1260-4

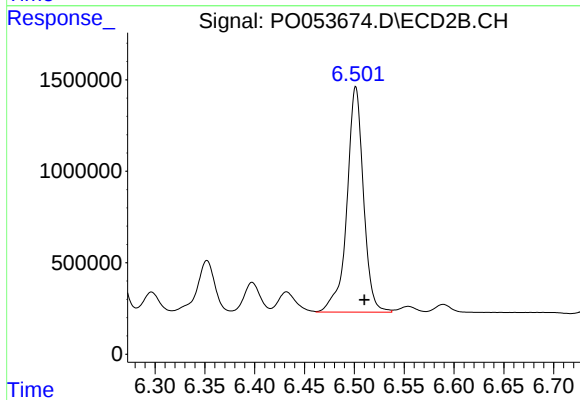
R.T.: 6.259 min
Delta R.T.: -0.009 min
Response: 5944945
Conc: 539.84 ng/ml



#35 AR-1260-5

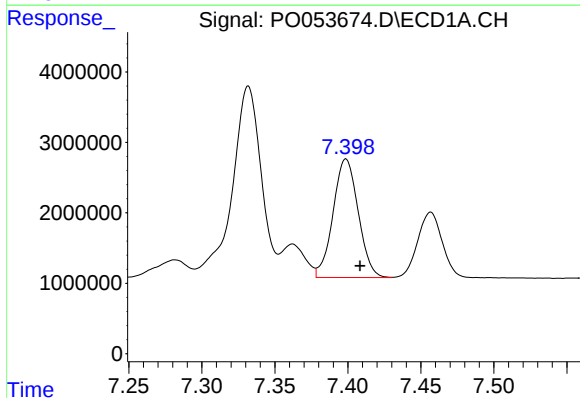
R.T.: 7.929 min
Delta R.T.: -0.011 min
Response: 45619878
Conc: 501.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



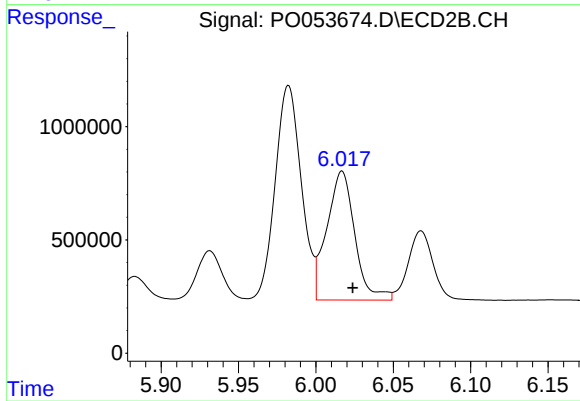
#35 AR-1260-5

R.T.: 6.501 min
Delta R.T.: -0.009 min
Response: 14252462
Conc: 523.39 ng/ml



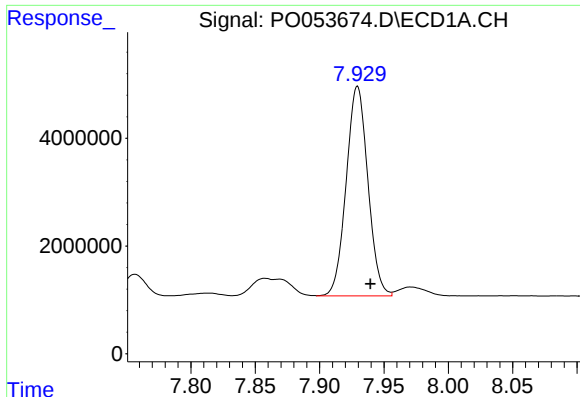
#36 AR-1262-1

R.T.: 7.399 min
Delta R.T.: -0.010 min
Response: 20162742
Conc: 293.86 ng/ml



#36 AR-1262-1

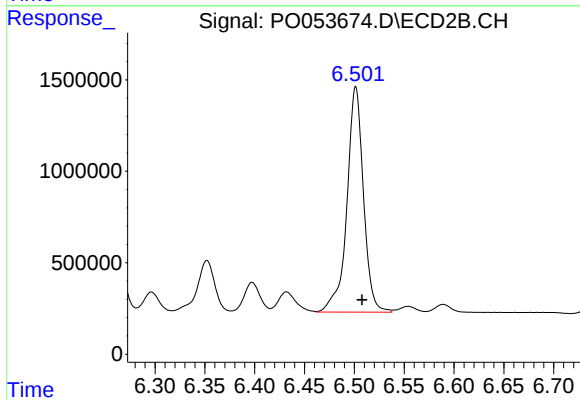
R.T.: 6.017 min
Delta R.T.: -0.007 min
Response: 7131526
Conc: 360.09 ng/ml



#37 AR-1262-2

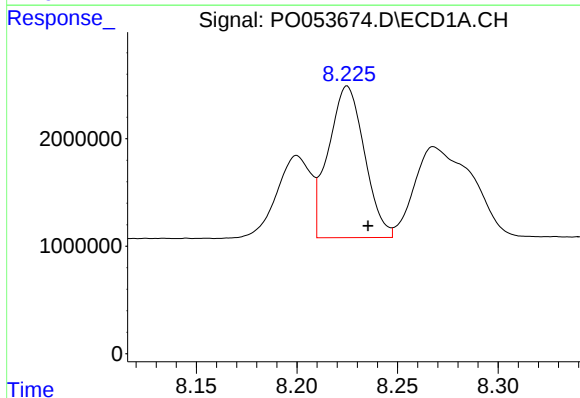
R.T.: 7.929 min
Delta R.T.: -0.010 min
Response: 45619878
Conc: 378.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



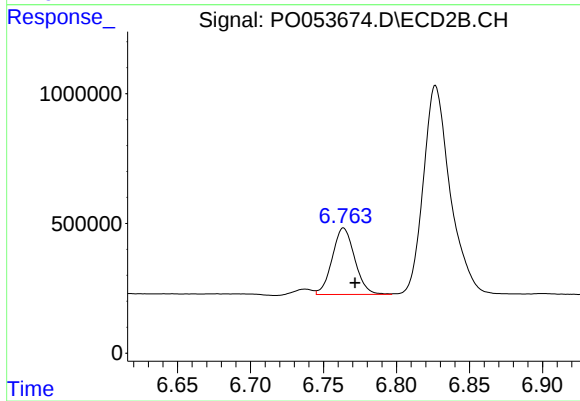
#37 AR-1262-2

R.T.: 6.501 min
Delta R.T.: -0.006 min
Response: 14252462
Conc: 419.67 ng/ml



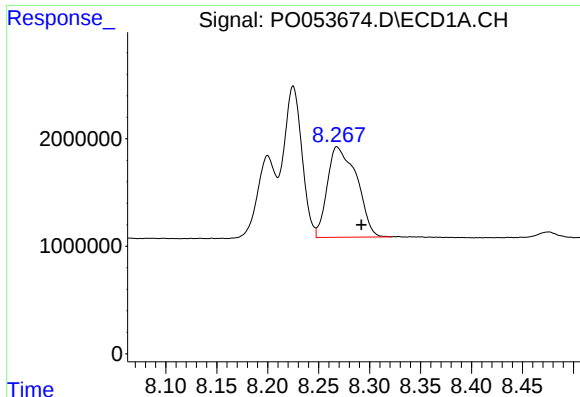
#38 AR-1262-3

R.T.: 8.225 min
Delta R.T.: -0.010 min
Response: 17617188
Conc: 714.38 ng/ml



#38 AR-1262-3

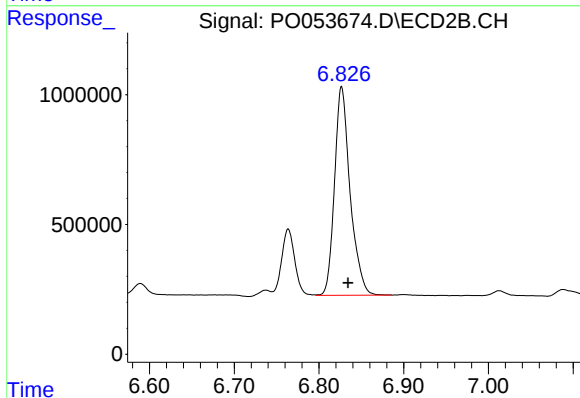
R.T.: 6.764 min
Delta R.T.: -0.008 min
Response: 2743644
Conc: 211.05 ng/ml



#39 AR-1262-4

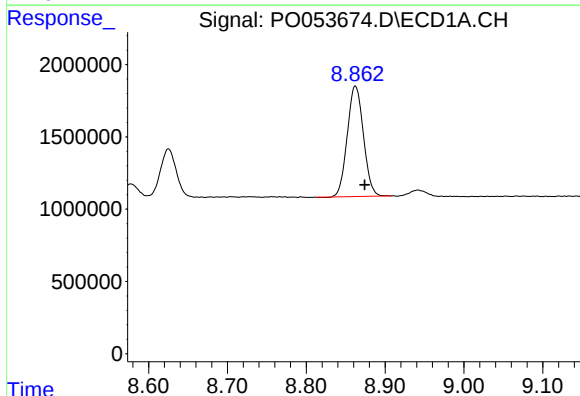
R.T.: 8.268 min
Delta R.T.: -0.024 min
Response: 16873358
Conc: 272.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



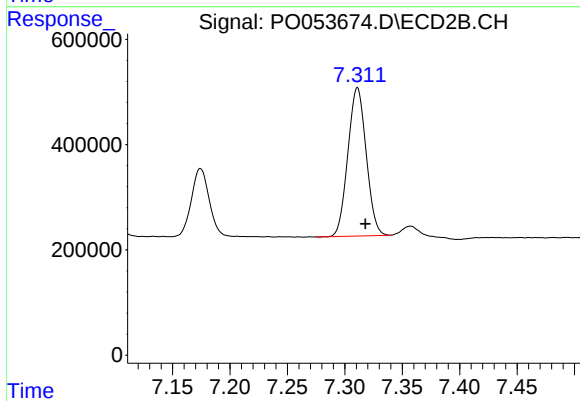
#39 AR-1262-4

R.T.: 6.827 min
Delta R.T.: -0.008 min
Response: 10264042
Conc: 419.35 ng/ml



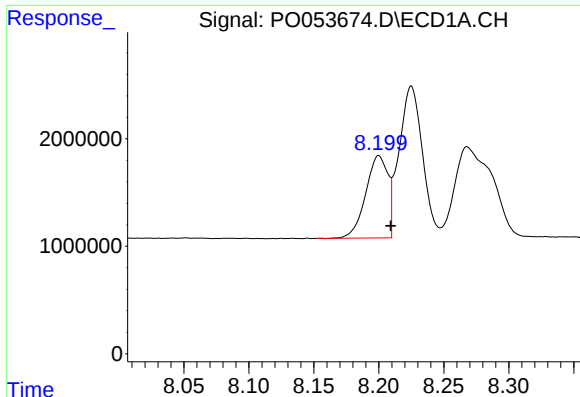
#40 AR-1262-5

R.T.: 8.862 min
Delta R.T.: -0.012 min
Response: 10909113
Conc: 258.29 ng/ml



#40 AR-1262-5

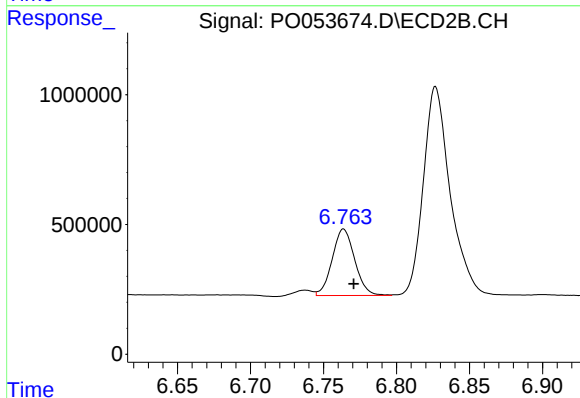
R.T.: 7.311 min
Delta R.T.: -0.007 min
Response: 3137579
Conc: 280.68 ng/ml



#41 AR-1268-1

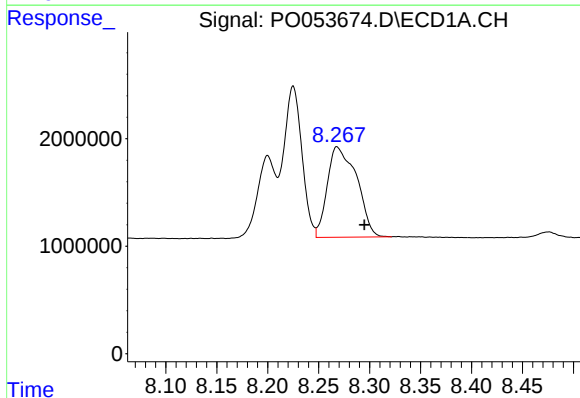
R.T.: 8.200 min
Delta R.T.: -0.009 min
Response: 9079325
Conc: 61.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



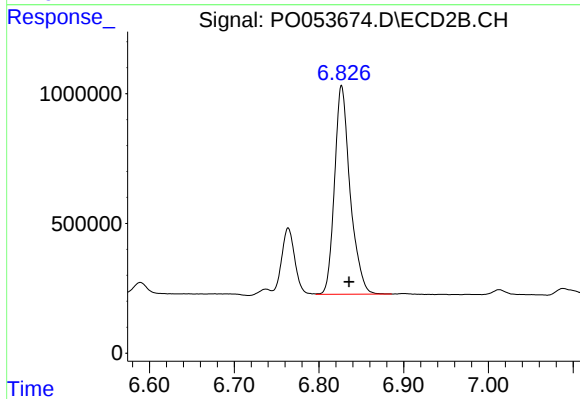
#41 AR-1268-1

R.T.: 6.764 min
Delta R.T.: -0.007 min
Response: 2743644
Conc: 71.05 ng/ml



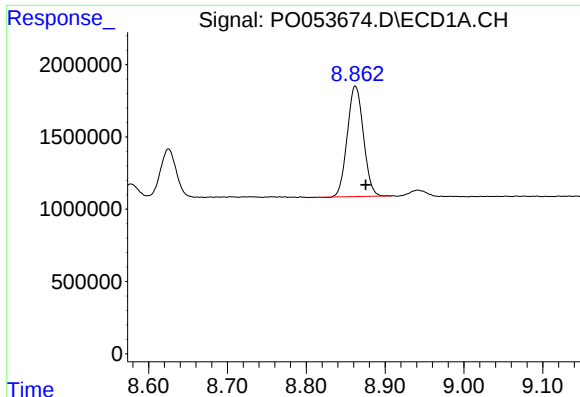
#42 AR-1268-2

R.T.: 8.268 min
Delta R.T.: -0.027 min
Response: 16873358
Conc: 120.22 ng/ml



#42 AR-1268-2

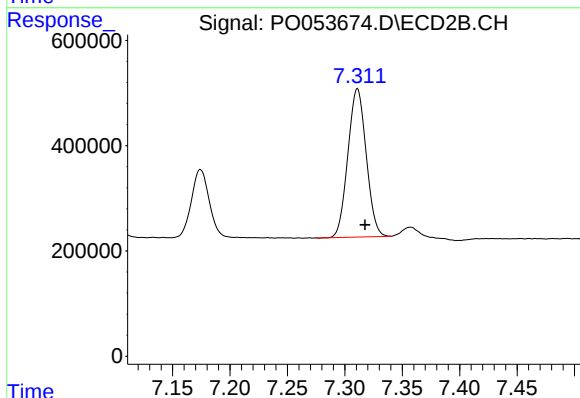
R.T.: 6.827 min
Delta R.T.: -0.009 min
Response: 10264042
Conc: 280.68 ng/ml



#44 AR-1268-4

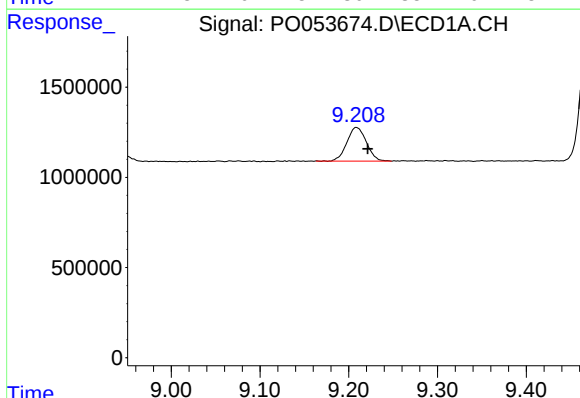
R.T.: 8.862 min
Delta R.T.: -0.013 min
Response: 10909113
Conc: 229.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



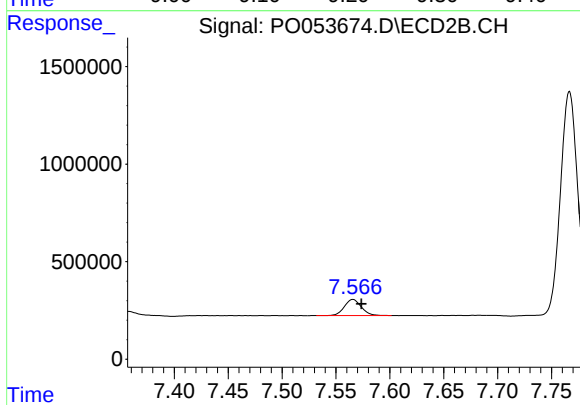
#44 AR-1268-4

R.T.: 7.311 min
Delta R.T.: -0.006 min
Response: 3137579
Conc: 251.94 ng/ml



#45 AR-1268-5

R.T.: 9.209 min
Delta R.T.: -0.013 min
Response: 2853218
Conc: 7.61 ng/ml



#45 AR-1268-5

R.T.: 7.566 min
Delta R.T.: -0.008 min
Response: 913544
Conc: 9.74 ng/ml