

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0052021\
 Data File : P0078060.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 May 2021 23:30
 Operator : DD\AJ
 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: May 21 02:36:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0051821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 19 06:28:32 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...	4.342	3.620	3982175	1811954	53.880	59.966
2)	SA Decachlor...	9.952	8.811	2472176	1518582	50.003	52.225
Target Compounds							
3)	L1 AR-1016-1	5.637	4.850	1043394	565047	428.329	517.521
4)	L1 AR-1016-2	5.658	4.869	1543089	815140	432.807	524.337
5)	L1 AR-1016-3	5.723	5.056	937230	420888	422.952	514.207
6)	L1 AR-1016-4	5.827	5.109	718831	366816	411.816	515.682 #
7)	L1 AR-1016-5	6.138	5.333	679329	436442	392.686	495.069 #
8)	L2 AR-1221-1	4.588	3.872	117609	59568	142.891	155.932
9)	L2 AR-1221-2	4.686	3.969	164492	83989	267.657	304.894
10)	L2 AR-1221-3	4.772	4.056	626645	329892	314.204	369.903
11)	L3 AR-1232-1	4.772	4.056	626645	329892	409.675	474.575
12)	L3 AR-1232-2	5.346	4.869	916679	815140	1162.883	1225.316
13)	L3 AR-1232-3	5.658	5.056	1543089	420888	1062.750	1238.524
14)	L3 AR-1232-4	5.827	5.152	718831	429703	1001.028	1356.442 #
15)	L3 AR-1232-5	5.927	5.333	574752	436442	1170.585	1254.358
16)	L4 AR-1242-1	5.637	4.850	1043394	565047	567.949	657.865
17)	L4 AR-1242-2	5.658	4.869	1543089	815140	571.224	673.708
18)	L4 AR-1242-3	5.723	5.056	937230	420888	538.477	653.288
19)	L4 AR-1242-4	5.827	5.152	718831	429703	514.180	635.607
20)	L4 AR-1242-5	6.598	5.706	103269	337980	77.174	412.167 #
21)	L5 AR-1248-1	5.637	4.850	1043394	565047	732.256	876.798
22)	L5 AR-1248-2	5.927	5.109	574752	366816	302.740	383.721 #
23)	L5 AR-1248-3	6.138	5.152	679329	429703	306.273	447.031 #
24)	L5 AR-1248-4	6.561	5.333	132273	436442	56.827	381.085 #
25)	L5 AR-1248-5	6.598	5.749	103269	55192	45.642	52.672
26)	L6 AR-1254-1	6.530	5.706	490420	337980	197.591	195.976
27)	L6 AR-1254-2	6.757	5.864	556182	324002	143.326	202.126 #
28)	L6 AR-1254-3	7.132	6.296	278589	593766	71.008	248.776 #
29)	L6 AR-1254-4	7.423	6.515	207927	77153	76.565	53.141 #
30)	L6 AR-1254-5	7.847	6.938	1858553	1036054	635.515	455.822 #
31)	L7 AR-1260-1	7.297	6.413	1237432	792417	440.954	494.561
32)	L7 AR-1260-2	7.562	6.609	1440823	954622	428.295	494.475
33)	L7 AR-1260-3	7.922	6.761	1229871	877411	504.049	478.249
34)	L7 AR-1260-4	8.147	7.238	1194916	729197	446.074	483.729
35)	L7 AR-1260-5	8.460	7.485	2553883	1768843	497.263	507.233
36)	L8 AR-1262-1	7.922	6.938	1229871	1036054	343.308	882.950 #
37)	L8 AR-1262-2	8.460	7.485	2553883	1768843	424.265	453.433
38)	L8 AR-1262-3	8.749	7.768	1513669	463487	374.790	288.004
39)	L8 AR-1262-4	8.808	7.829	377547	1438008	121.066	479.523 #
40)	L8 AR-1262-5	9.357	8.325	679963	461039	328.150	333.109
41)	L9 AR-1268-1	8.749	7.768	1513669	463487	213.539	101.237 #

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 Acq On : 20 May 2021 23:30
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

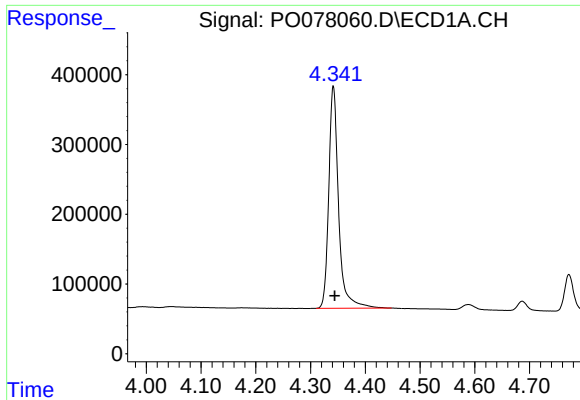
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 21 02:36:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0051821.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	8.808	7.829	377547	1438008	58.343	347.555 #
43) L9	AR-1268-3	8.995	8.035	85287	40206	15.671	11.351 #
44) L9	AR-1268-4	9.357	8.325	679963	461039	301.926	304.729
45) L9	AR-1268-5	9.688	8.594	209427	148222	11.975	14.070

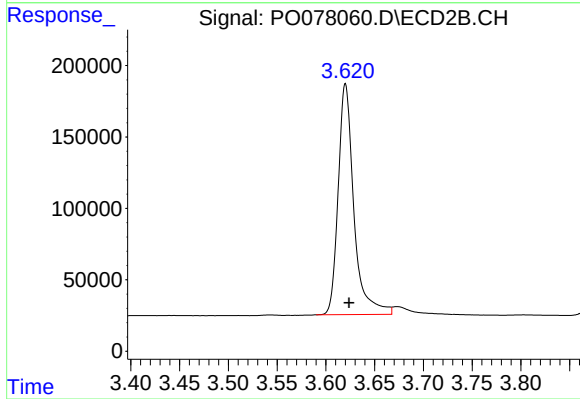
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

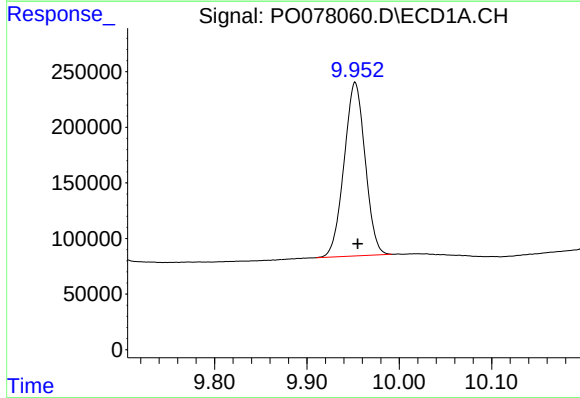
R.T.: 4.342 min
Delta R.T.: -0.002 min
Response: 3982175
Conc: 53.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



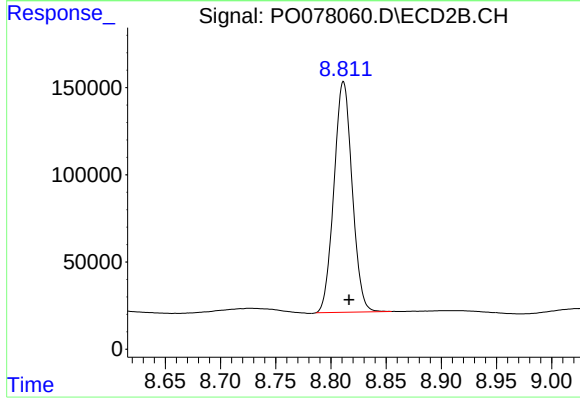
#1 Tetrachloro-m-xylene

R.T.: 3.620 min
Delta R.T.: -0.004 min
Response: 1811954
Conc: 59.97 ng/ml



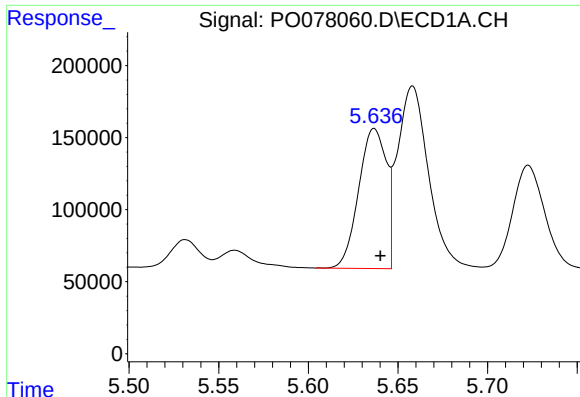
#2 Decachlorobiphenyl

R.T.: 9.952 min
Delta R.T.: -0.003 min
Response: 2472176
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

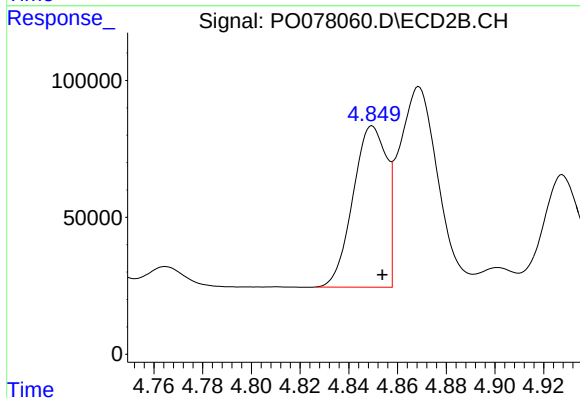
R.T.: 8.811 min
Delta R.T.: -0.005 min
Response: 1518582
Conc: 52.23 ng/ml



#3 AR-1016-1

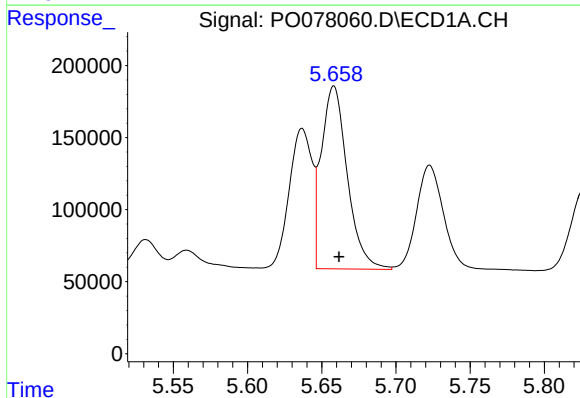
R.T.: 5.637 min
Delta R.T.: -0.003 min
Response: 1043394
Conc: 428.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



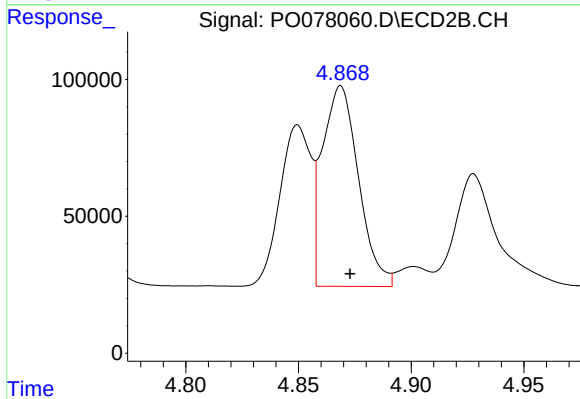
#3 AR-1016-1

R.T.: 4.850 min
Delta R.T.: -0.004 min
Response: 565047
Conc: 517.52 ng/ml



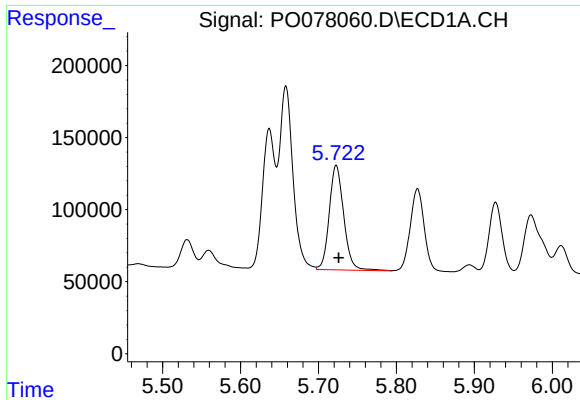
#4 AR-1016-2

R.T.: 5.658 min
Delta R.T.: -0.003 min
Response: 1543089
Conc: 432.81 ng/ml



#4 AR-1016-2

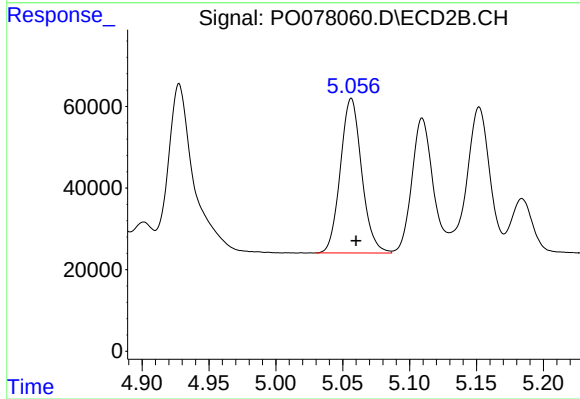
R.T.: 4.869 min
Delta R.T.: -0.004 min
Response: 815140
Conc: 524.34 ng/ml



#5 AR-1016-3

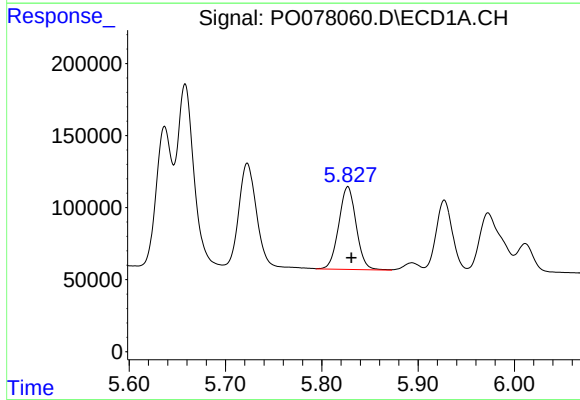
R.T.: 5.723 min
Delta R.T.: -0.003 min
Response: 937230
Conc: 422.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



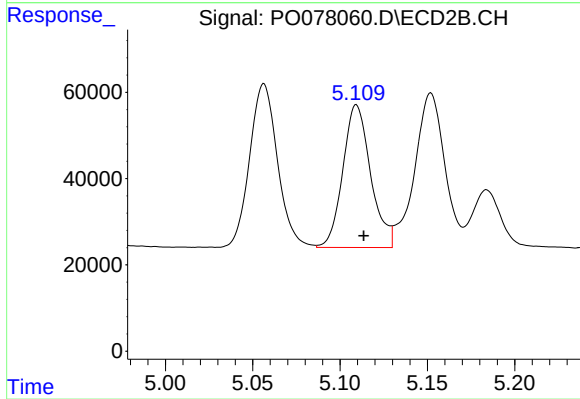
#5 AR-1016-3

R.T.: 5.056 min
Delta R.T.: -0.004 min
Response: 420888
Conc: 514.21 ng/ml



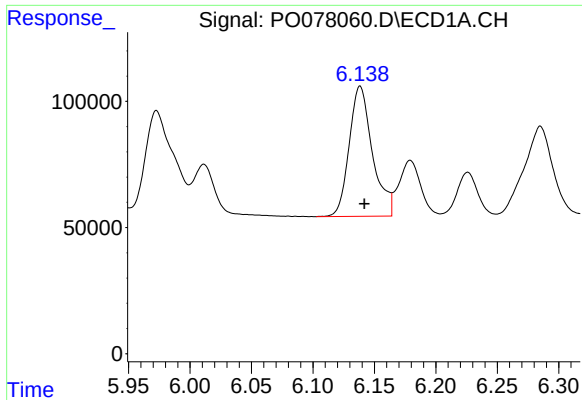
#6 AR-1016-4

R.T.: 5.827 min
Delta R.T.: -0.003 min
Response: 718831
Conc: 411.82 ng/ml



#6 AR-1016-4

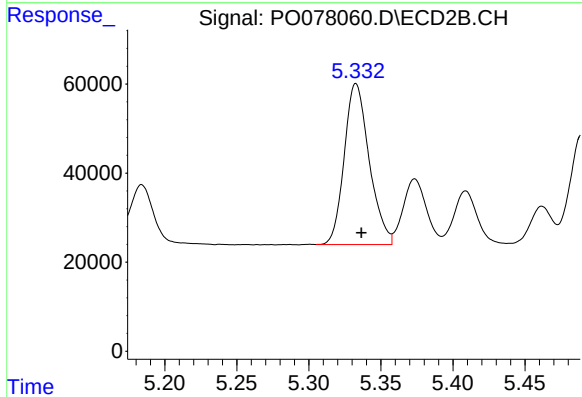
R.T.: 5.109 min
Delta R.T.: -0.004 min
Response: 366816
Conc: 515.68 ng/ml



#7 AR-1016-5

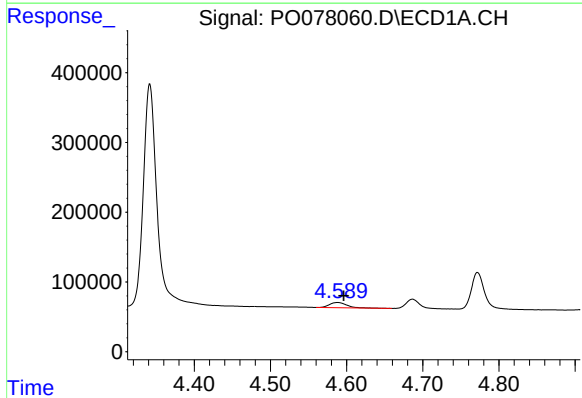
R.T.: 6.138 min
Delta R.T.: -0.003 min
Response: 679329
Conc: 392.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



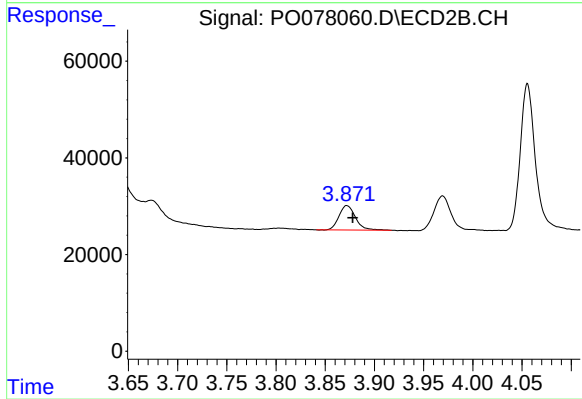
#7 AR-1016-5

R.T.: 5.333 min
Delta R.T.: -0.004 min
Response: 436442
Conc: 495.07 ng/ml



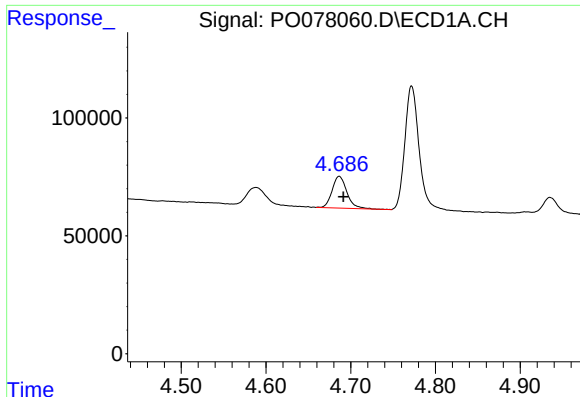
#8 AR-1221-1

R.T.: 4.588 min
Delta R.T.: -0.008 min
Response: 117609
Conc: 142.89 ng/ml



#8 AR-1221-1

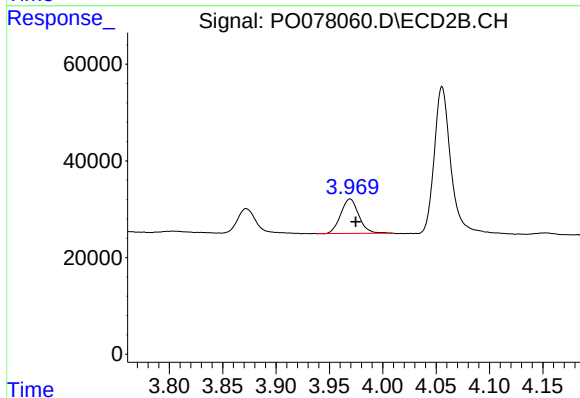
R.T.: 3.872 min
Delta R.T.: -0.006 min
Response: 59568
Conc: 155.93 ng/ml



#9 AR-1221-2

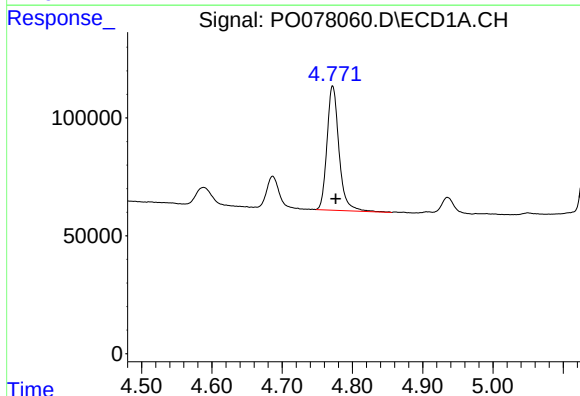
R.T.: 4.686 min
Delta R.T.: -0.005 min
Response: 164492
Conc: 267.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



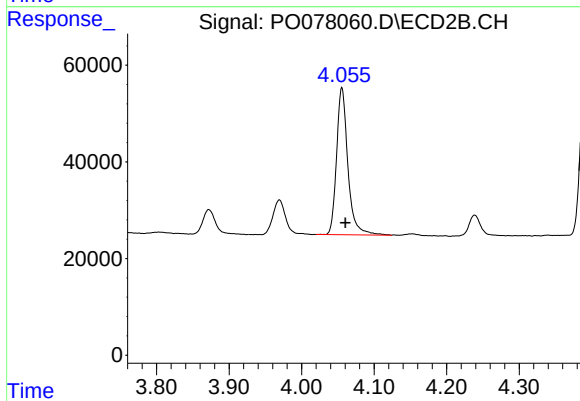
#9 AR-1221-2

R.T.: 3.969 min
Delta R.T.: -0.005 min
Response: 83989
Conc: 304.89 ng/ml



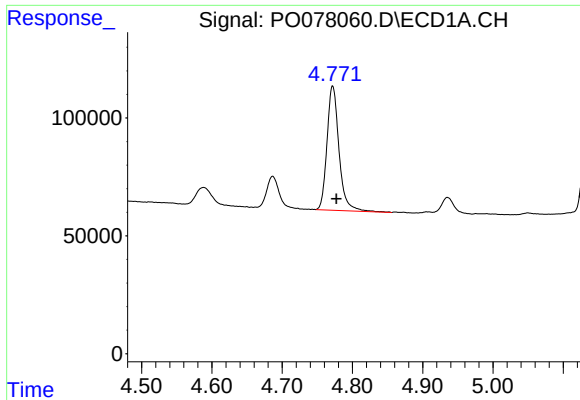
#10 AR-1221-3

R.T.: 4.772 min
Delta R.T.: -0.004 min
Response: 626645
Conc: 314.20 ng/ml



#10 AR-1221-3

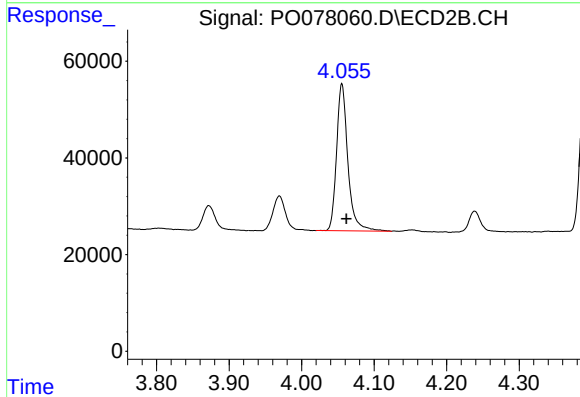
R.T.: 4.056 min
Delta R.T.: -0.005 min
Response: 329892
Conc: 369.90 ng/ml



#11 AR-1232-1

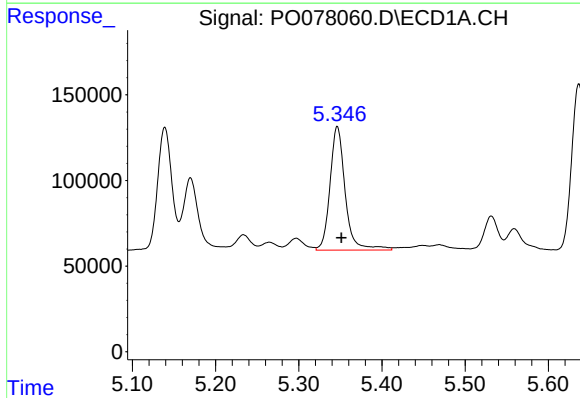
R.T.: 4.772 min
Delta R.T.: -0.005 min
Response: 626645
Conc: 409.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



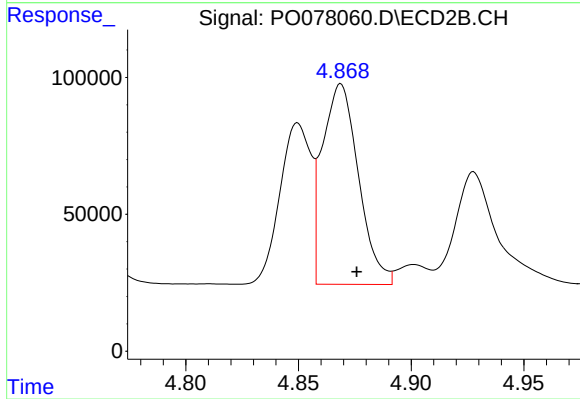
#11 AR-1232-1

R.T.: 4.056 min
Delta R.T.: -0.006 min
Response: 329892
Conc: 474.57 ng/ml



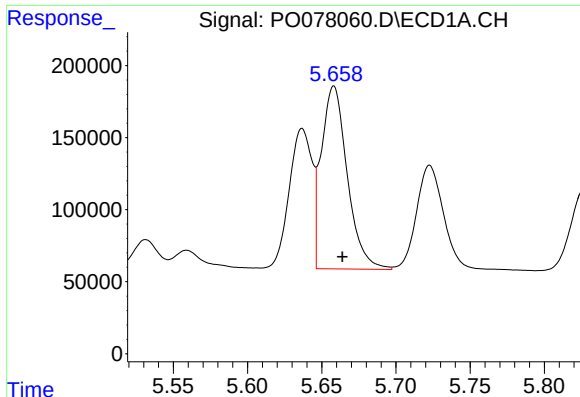
#12 AR-1232-2

R.T.: 5.346 min
Delta R.T.: -0.005 min
Response: 916679
Conc: 1162.88 ng/ml



#12 AR-1232-2

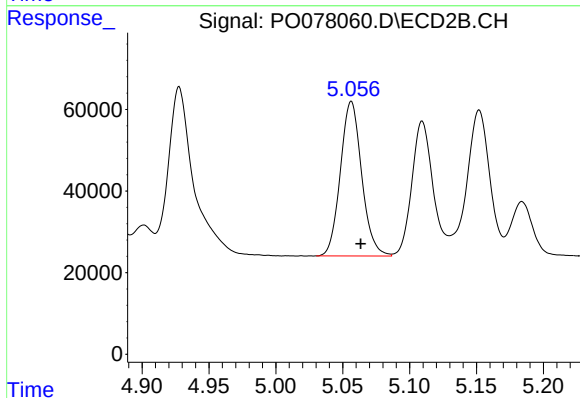
R.T.: 4.869 min
Delta R.T.: -0.007 min
Response: 815140
Conc: 1225.32 ng/ml



#13 AR-1232-3

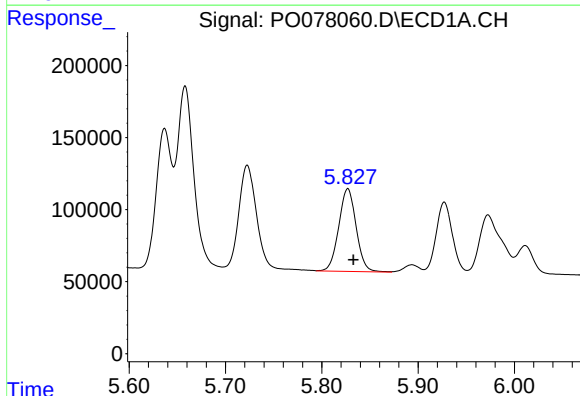
R.T.: 5.658 min
Delta R.T.: -0.006 min
Response: 1543089
Conc: 1062.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



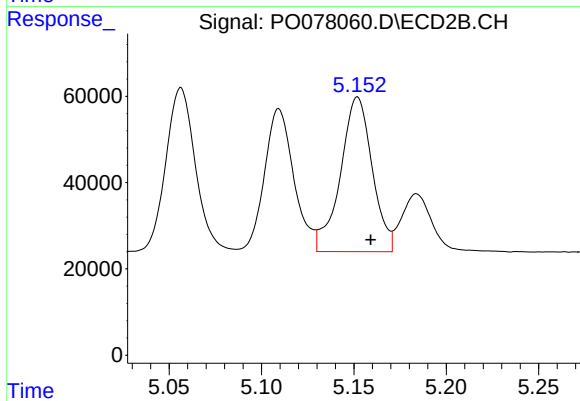
#13 AR-1232-3

R.T.: 5.056 min
Delta R.T.: -0.007 min
Response: 420888
Conc: 1238.52 ng/ml



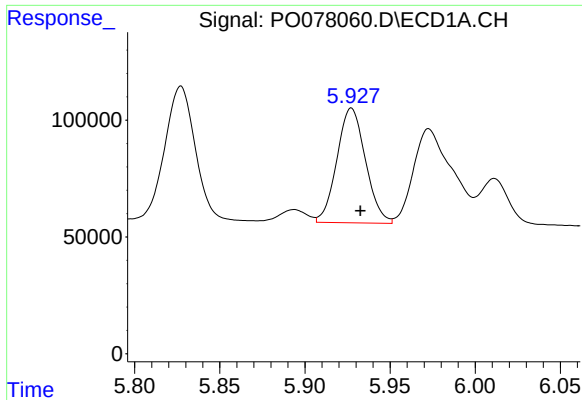
#14 AR-1232-4

R.T.: 5.827 min
Delta R.T.: -0.005 min
Response: 718831
Conc: 1001.03 ng/ml



#14 AR-1232-4

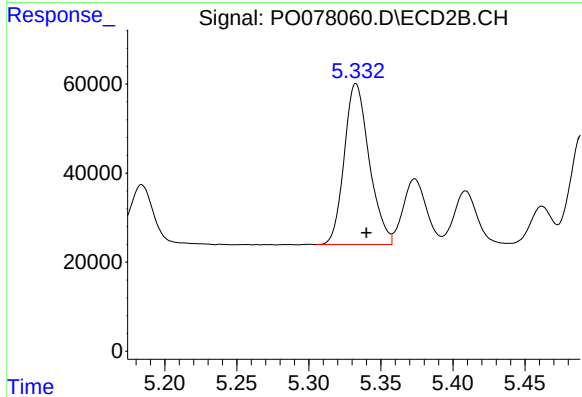
R.T.: 5.152 min
Delta R.T.: -0.007 min
Response: 429703
Conc: 1356.44 ng/ml



#15 AR-1232-5

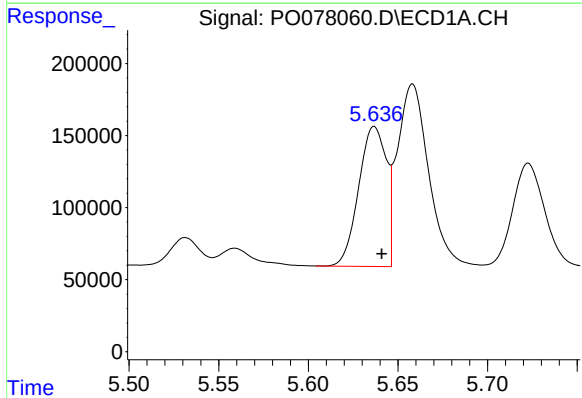
R.T.: 5.927 min
Delta R.T.: -0.005 min
Response: 574752
Conc: 1170.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



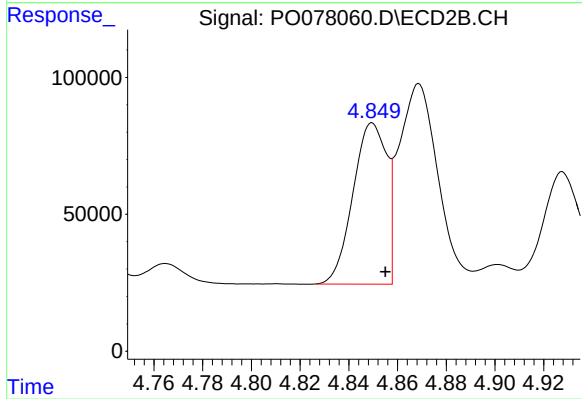
#15 AR-1232-5

R.T.: 5.333 min
Delta R.T.: -0.007 min
Response: 436442
Conc: 1254.36 ng/ml



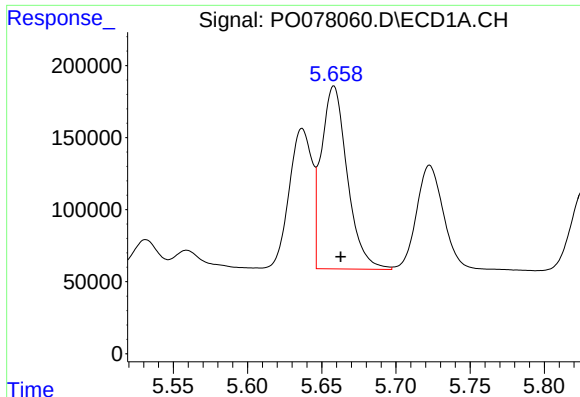
#16 AR-1242-1

R.T.: 5.637 min
Delta R.T.: -0.004 min
Response: 1043394
Conc: 567.95 ng/ml



#16 AR-1242-1

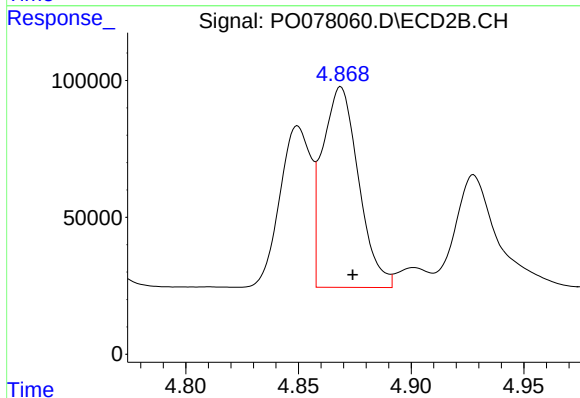
R.T.: 4.850 min
Delta R.T.: -0.005 min
Response: 565047
Conc: 657.87 ng/ml



#17 AR-1242-2

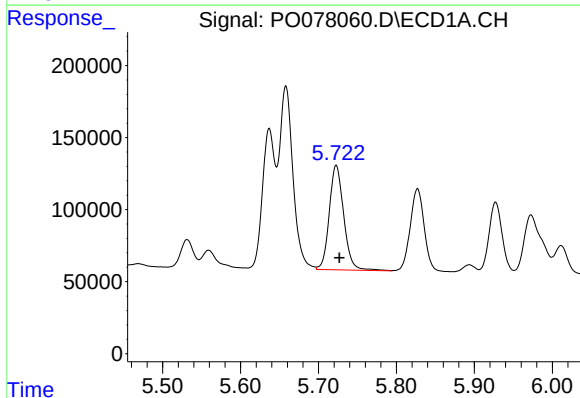
R.T.: 5.658 min
Delta R.T.: -0.005 min
Response: 1543089
Conc: 571.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



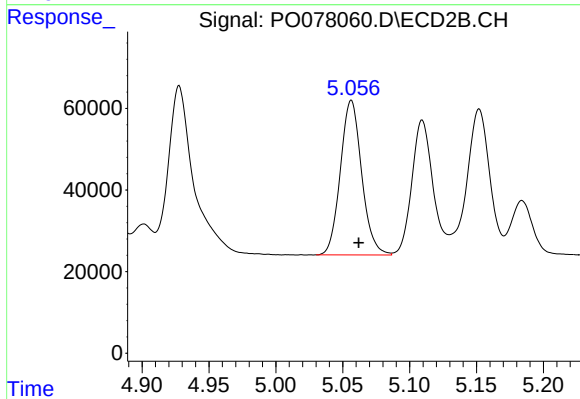
#17 AR-1242-2

R.T.: 4.869 min
Delta R.T.: -0.005 min
Response: 815140
Conc: 673.71 ng/ml



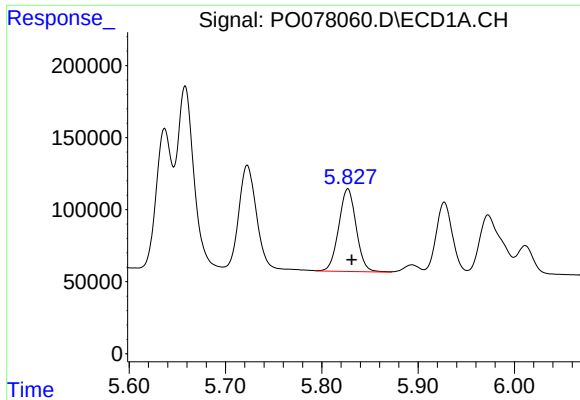
#18 AR-1242-3

R.T.: 5.723 min
Delta R.T.: -0.004 min
Response: 937230
Conc: 538.48 ng/ml



#18 AR-1242-3

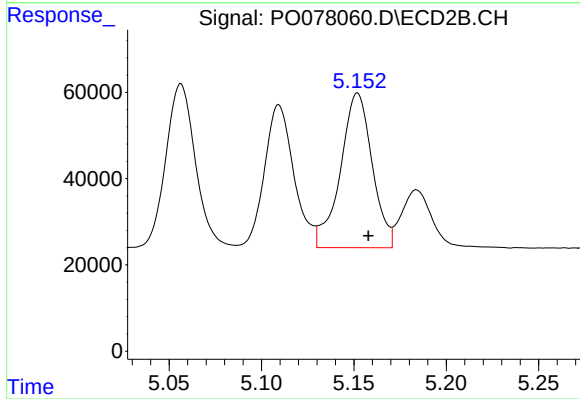
R.T.: 5.056 min
Delta R.T.: -0.006 min
Response: 420888
Conc: 653.29 ng/ml



#19 AR-1242-4

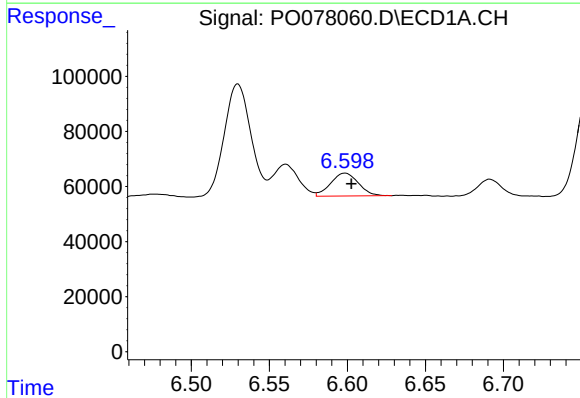
R.T.: 5.827 min
Delta R.T.: -0.004 min
Response: 718831
Conc: 514.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



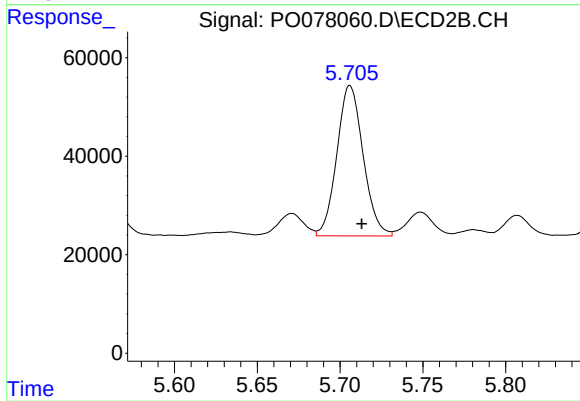
#19 AR-1242-4

R.T.: 5.152 min
Delta R.T.: -0.006 min
Response: 429703
Conc: 635.61 ng/ml



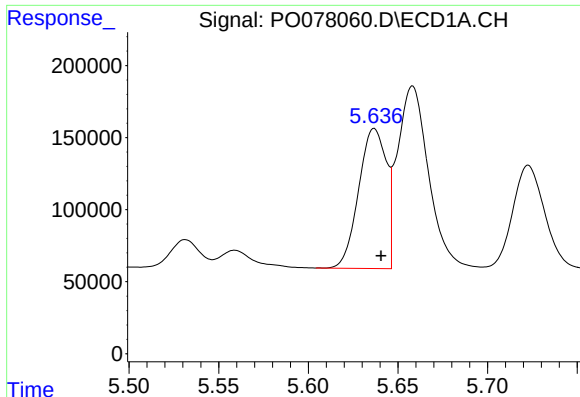
#20 AR-1242-5

R.T.: 6.598 min
Delta R.T.: -0.004 min
Response: 103269
Conc: 77.17 ng/ml



#20 AR-1242-5

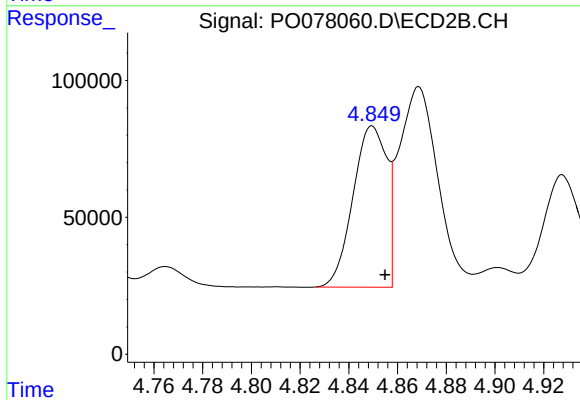
R.T.: 5.706 min
Delta R.T.: -0.007 min
Response: 337980
Conc: 412.17 ng/ml



#21 AR-1248-1

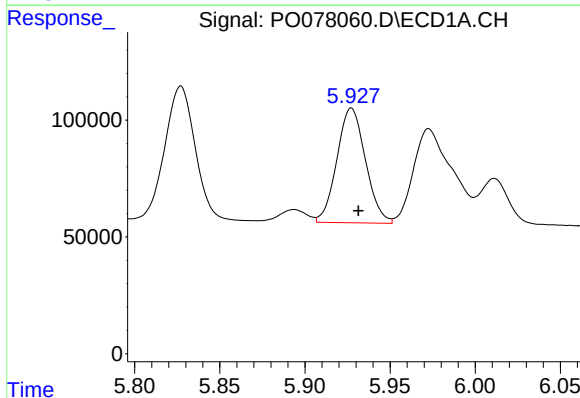
R.T.: 5.637 min
Delta R.T.: -0.004 min
Response: 1043394
Conc: 732.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



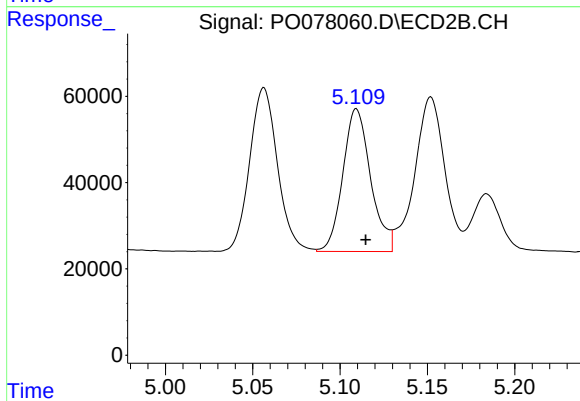
#21 AR-1248-1

R.T.: 4.850 min
Delta R.T.: -0.005 min
Response: 565047
Conc: 876.80 ng/ml



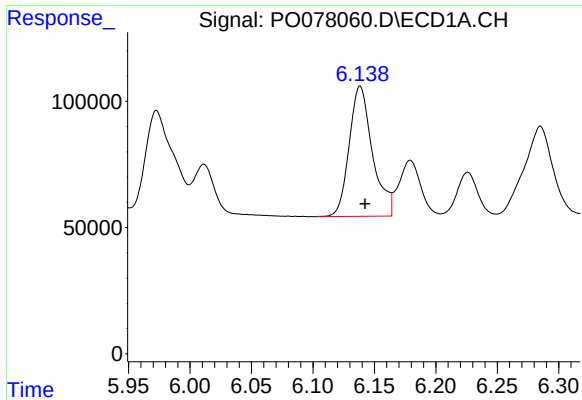
#22 AR-1248-2

R.T.: 5.927 min
Delta R.T.: -0.004 min
Response: 574752
Conc: 302.74 ng/ml



#22 AR-1248-2

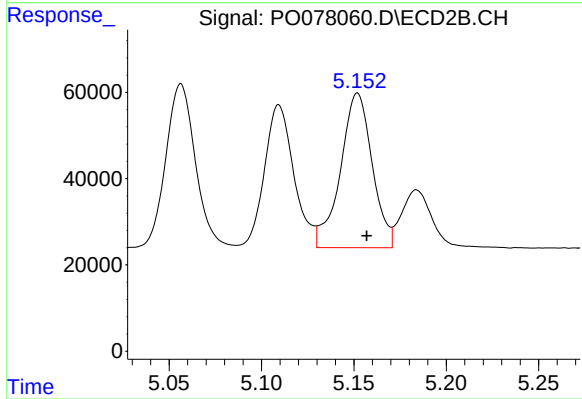
R.T.: 5.109 min
Delta R.T.: -0.005 min
Response: 366816
Conc: 383.72 ng/ml



#23 AR-1248-3

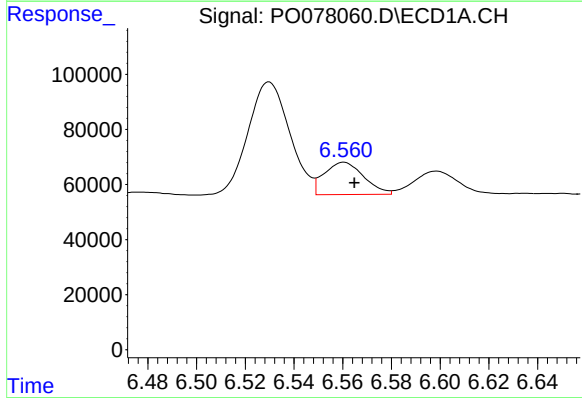
R.T.: 6.138 min
Delta R.T.: -0.004 min
Response: 679329
Conc: 306.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



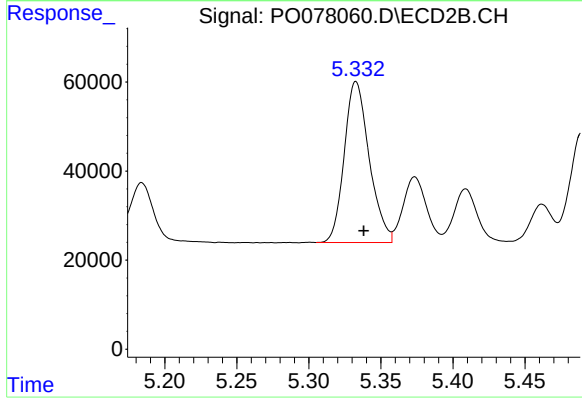
#23 AR-1248-3

R.T.: 5.152 min
Delta R.T.: -0.005 min
Response: 429703
Conc: 447.03 ng/ml



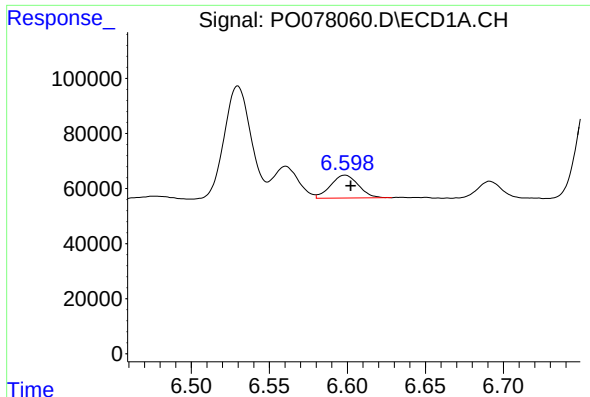
#24 AR-1248-4

R.T.: 6.561 min
Delta R.T.: -0.004 min
Response: 132273
Conc: 56.83 ng/ml



#24 AR-1248-4

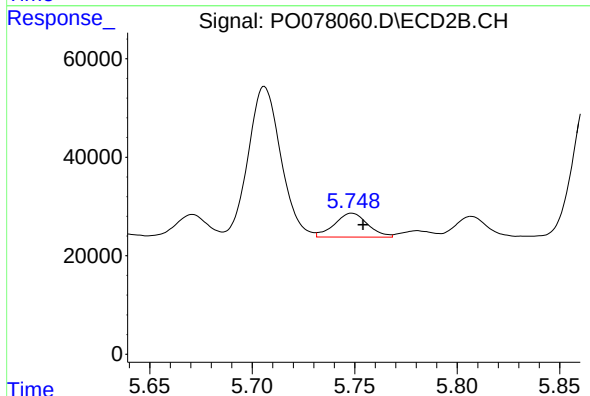
R.T.: 5.333 min
Delta R.T.: -0.005 min
Response: 436442
Conc: 381.08 ng/ml



#25 AR-1248-5

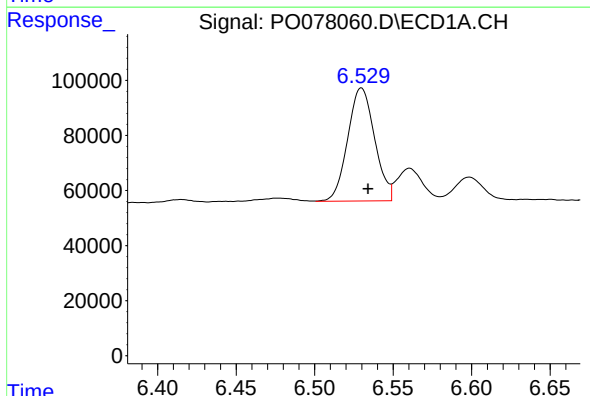
R.T.: 6.598 min
Delta R.T.: -0.004 min
Response: 103269
Conc: 45.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



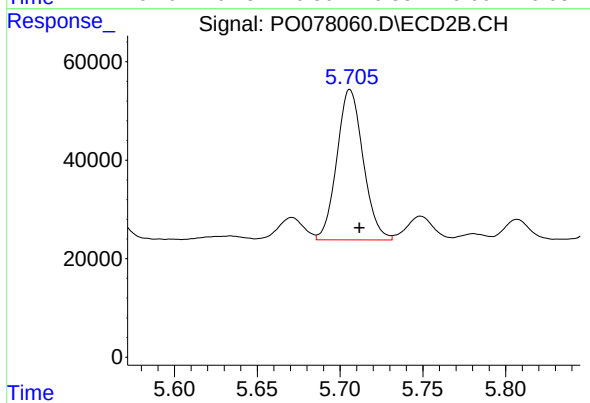
#25 AR-1248-5

R.T.: 5.749 min
Delta R.T.: -0.005 min
Response: 55192
Conc: 52.67 ng/ml



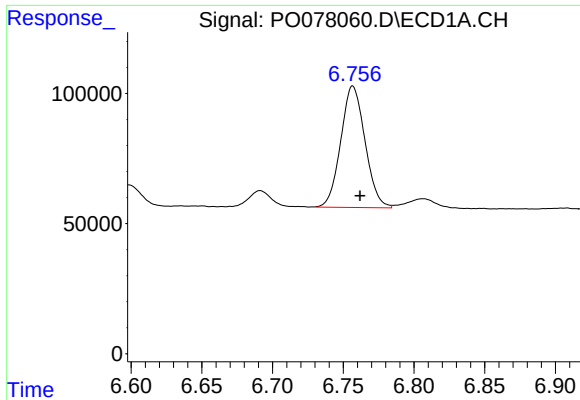
#26 AR-1254-1

R.T.: 6.530 min
Delta R.T.: -0.004 min
Response: 490420
Conc: 197.59 ng/ml



#26 AR-1254-1

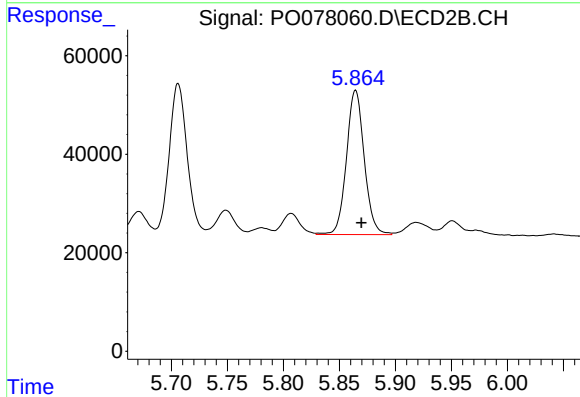
R.T.: 5.706 min
Delta R.T.: -0.006 min
Response: 337980
Conc: 195.98 ng/ml



#27 AR-1254-2

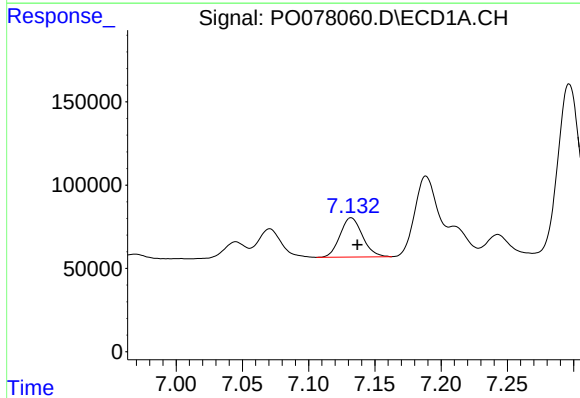
R.T.: 6.757 min
Delta R.T.: -0.005 min
Response: 556182
Conc: 143.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



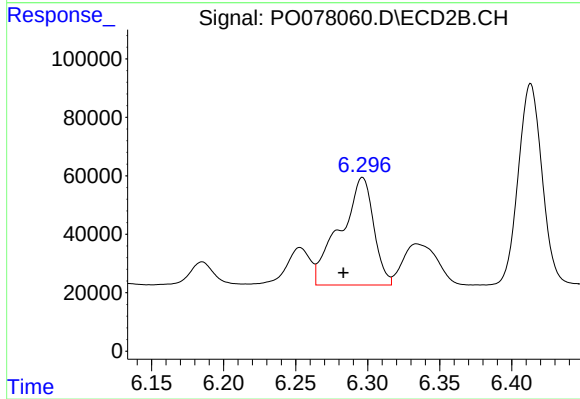
#27 AR-1254-2

R.T.: 5.864 min
Delta R.T.: -0.005 min
Response: 324002
Conc: 202.13 ng/ml



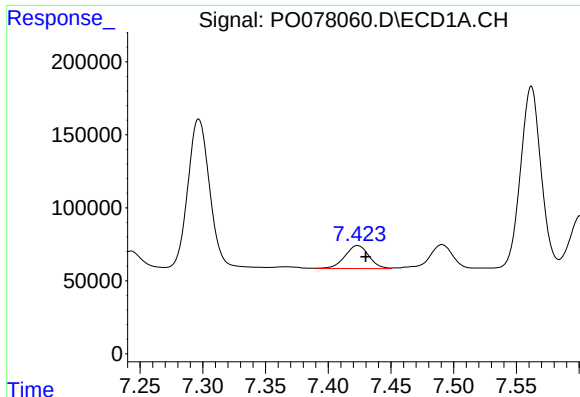
#28 AR-1254-3

R.T.: 7.132 min
Delta R.T.: -0.005 min
Response: 278589
Conc: 71.01 ng/ml



#28 AR-1254-3

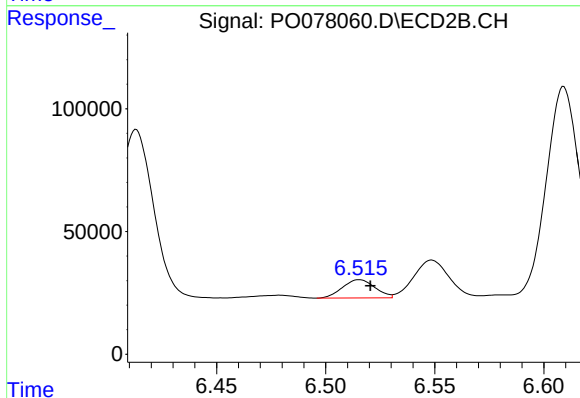
R.T.: 6.296 min
Delta R.T.: 0.013 min
Response: 593766
Conc: 248.78 ng/ml



#29 AR-1254-4

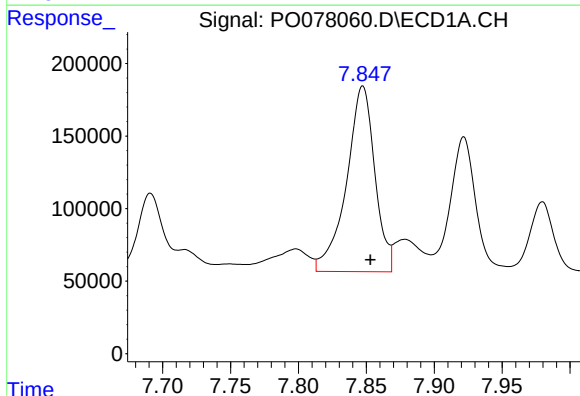
R.T.: 7.423 min
Delta R.T.: -0.007 min
Response: 207927
Conc: 76.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



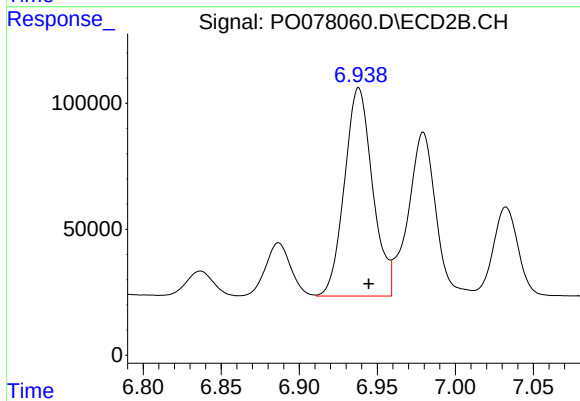
#29 AR-1254-4

R.T.: 6.515 min
Delta R.T.: -0.005 min
Response: 77153
Conc: 53.14 ng/ml



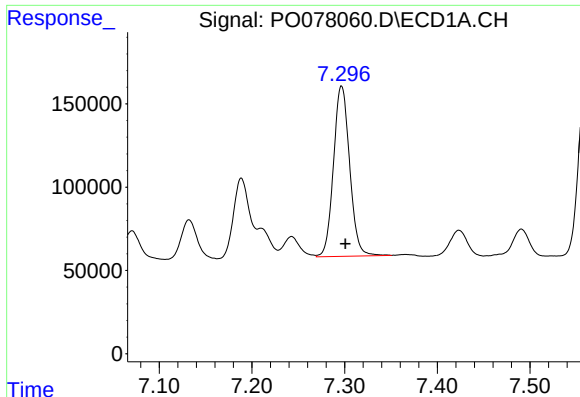
#30 AR-1254-5

R.T.: 7.847 min
Delta R.T.: -0.006 min
Response: 1858553
Conc: 635.52 ng/ml



#30 AR-1254-5

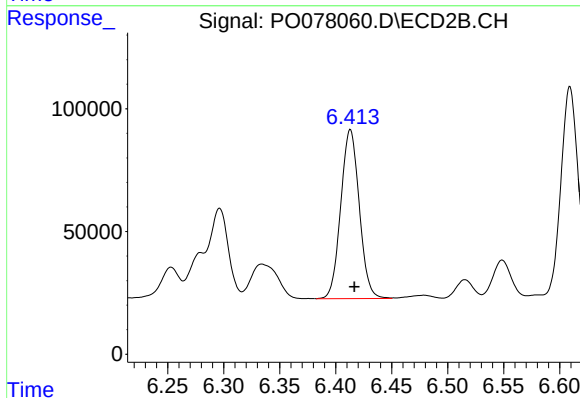
R.T.: 6.938 min
Delta R.T.: -0.006 min
Response: 1036054
Conc: 455.82 ng/ml



#31 AR-1260-1

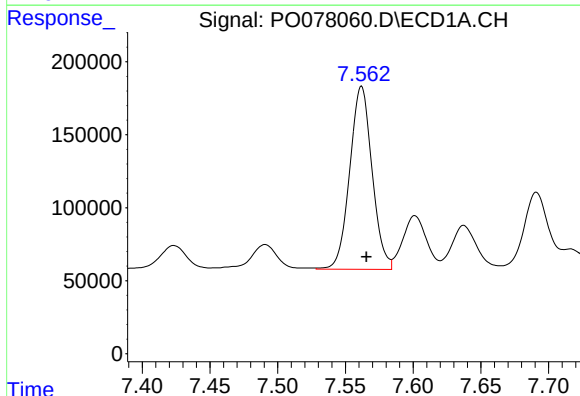
R.T.: 7.297 min
Delta R.T.: -0.004 min
Response: 1237432
Conc: 440.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



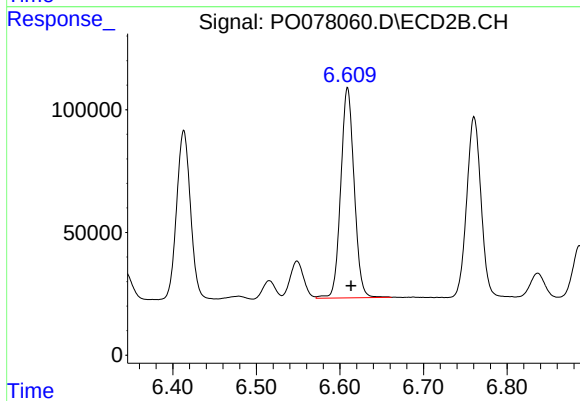
#31 AR-1260-1

R.T.: 6.413 min
Delta R.T.: -0.004 min
Response: 792417
Conc: 494.56 ng/ml



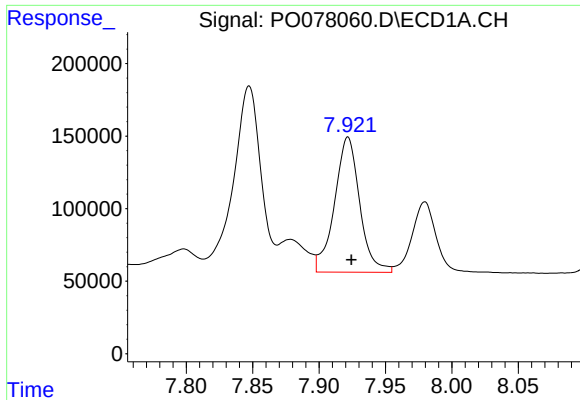
#32 AR-1260-2

R.T.: 7.562 min
Delta R.T.: -0.004 min
Response: 1440823
Conc: 428.30 ng/ml



#32 AR-1260-2

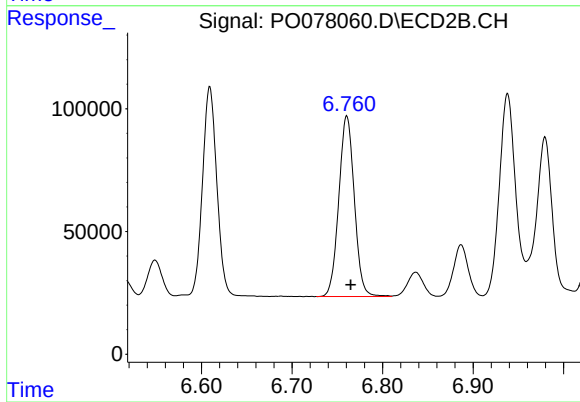
R.T.: 6.609 min
Delta R.T.: -0.004 min
Response: 954622
Conc: 494.47 ng/ml



#33 AR-1260-3

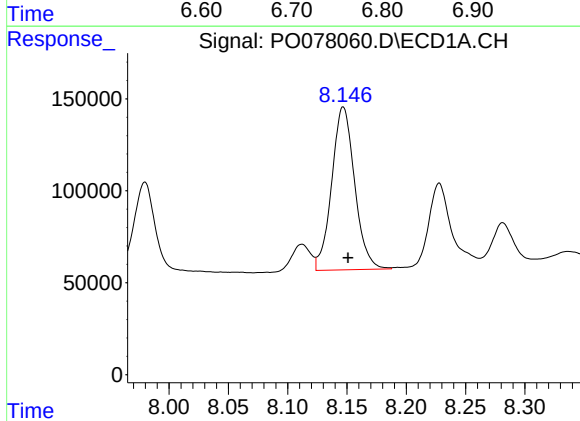
R.T.: 7.922 min
Delta R.T.: -0.002 min
Response: 1229871
Conc: 504.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



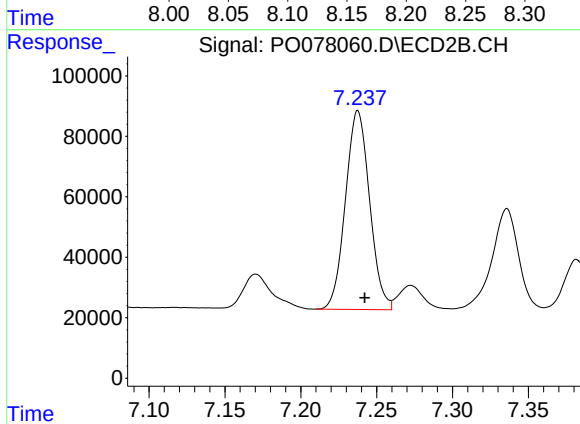
#33 AR-1260-3

R.T.: 6.761 min
Delta R.T.: -0.004 min
Response: 877411
Conc: 478.25 ng/ml



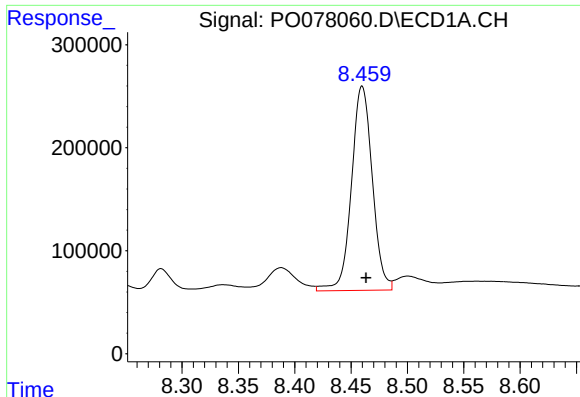
#34 AR-1260-4

R.T.: 8.147 min
Delta R.T.: -0.004 min
Response: 1194916
Conc: 446.07 ng/ml



#34 AR-1260-4

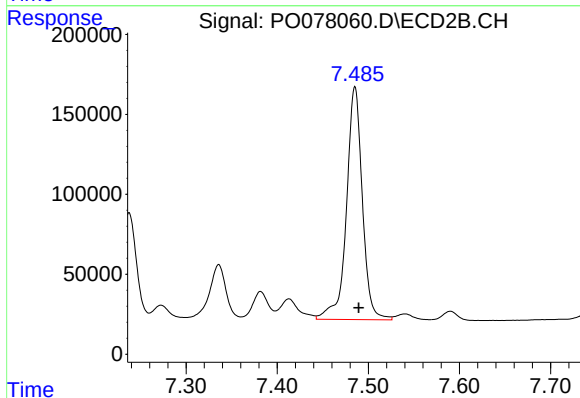
R.T.: 7.238 min
Delta R.T.: -0.004 min
Response: 729197
Conc: 483.73 ng/ml



#35 AR-1260-5

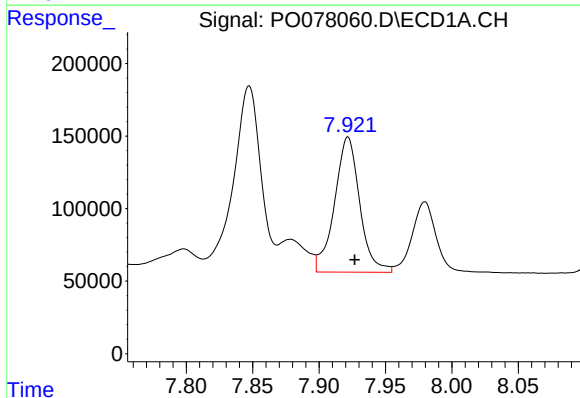
R.T.: 8.460 min
Delta R.T.: -0.003 min
Response: 2553883
Conc: 497.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



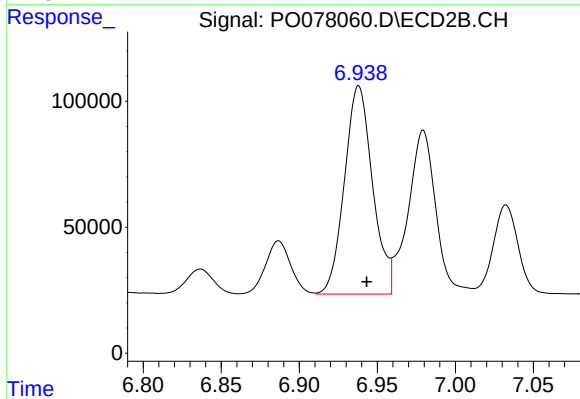
#35 AR-1260-5

R.T.: 7.485 min
Delta R.T.: -0.004 min
Response: 1768843
Conc: 507.23 ng/ml



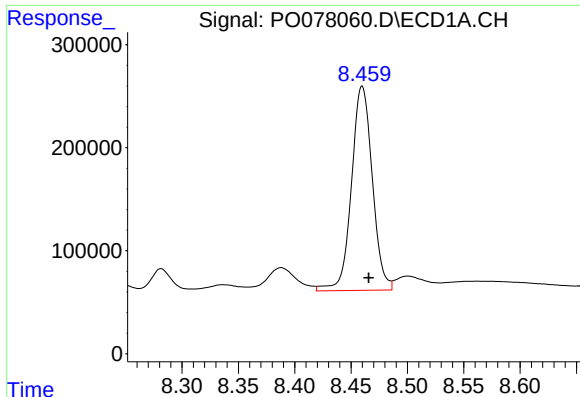
#36 AR-1262-1

R.T.: 7.922 min
Delta R.T.: -0.005 min
Response: 1229871
Conc: 343.31 ng/ml



#36 AR-1262-1

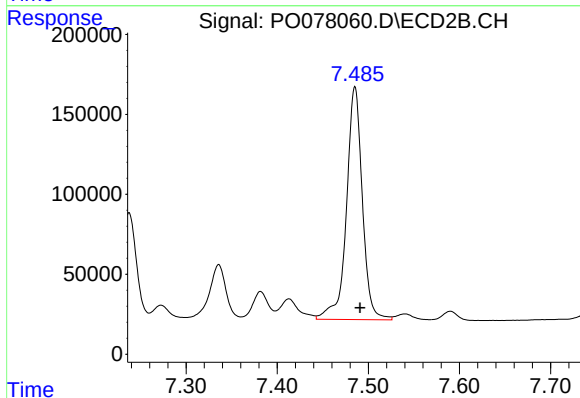
R.T.: 6.938 min
Delta R.T.: -0.005 min
Response: 1036054
Conc: 882.95 ng/ml



#37 AR-1262-2

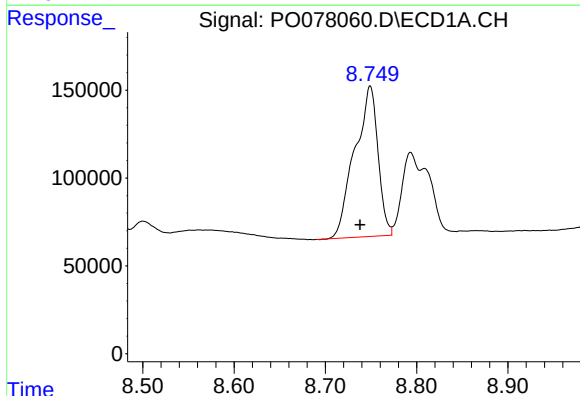
R.T.: 8.460 min
Delta R.T.: -0.006 min
Response: 2553883
Conc: 424.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



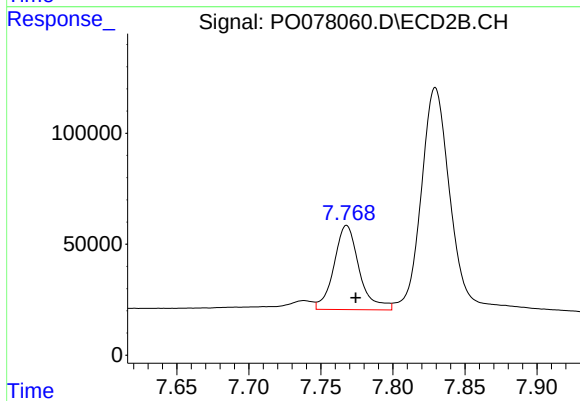
#37 AR-1262-2

R.T.: 7.485 min
Delta R.T.: -0.006 min
Response: 1768843
Conc: 453.43 ng/ml



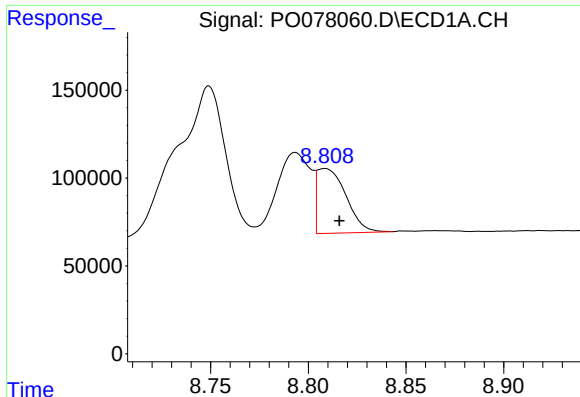
#38 AR-1262-3

R.T.: 8.749 min
Delta R.T.: 0.011 min
Response: 1513669
Conc: 374.79 ng/ml



#38 AR-1262-3

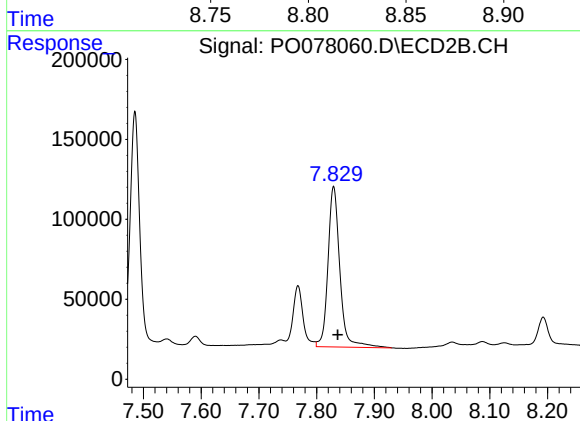
R.T.: 7.768 min
Delta R.T.: -0.006 min
Response: 463487
Conc: 288.00 ng/ml



#39 AR-1262-4

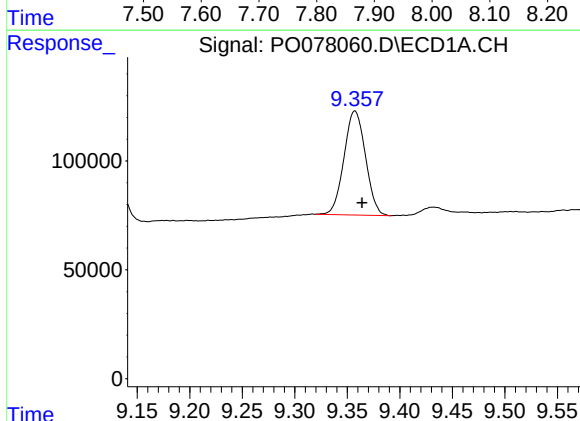
R.T.: 8.808 min
Delta R.T.: -0.008 min
Response: 377547
Conc: 121.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



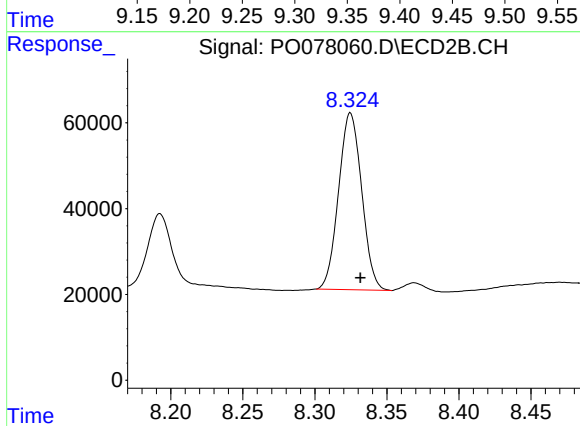
#39 AR-1262-4

R.T.: 7.829 min
Delta R.T.: -0.007 min
Response: 1438008
Conc: 479.52 ng/ml



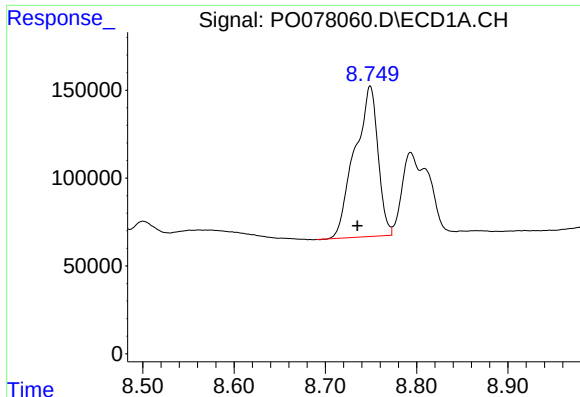
#40 AR-1262-5

R.T.: 9.357 min
Delta R.T.: -0.007 min
Response: 679963
Conc: 328.15 ng/ml



#40 AR-1262-5

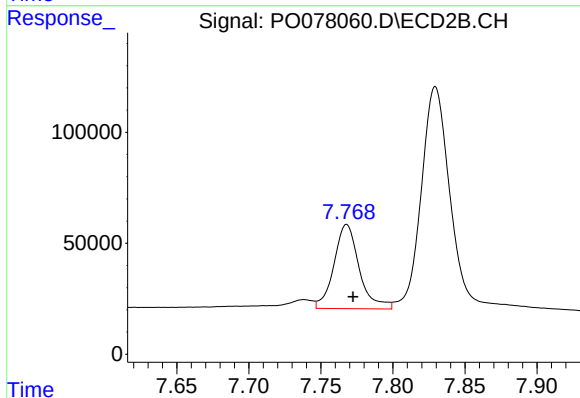
R.T.: 8.325 min
Delta R.T.: -0.007 min
Response: 461039
Conc: 333.11 ng/ml



#41 AR-1268-1

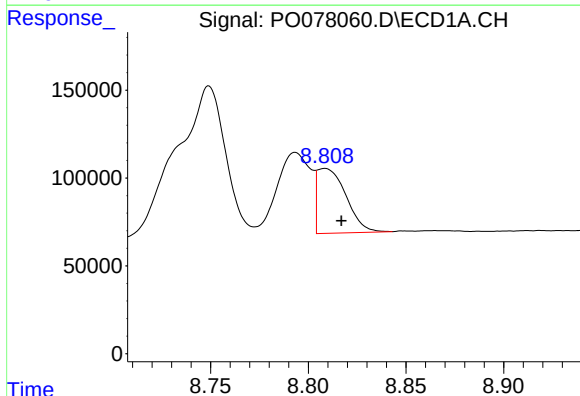
R.T.: 8.749 min
Delta R.T.: 0.014 min
Response: 1513669
Conc: 213.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



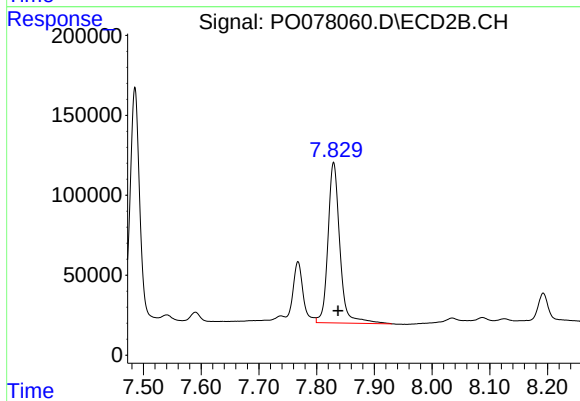
#41 AR-1268-1

R.T.: 7.768 min
Delta R.T.: -0.004 min
Response: 463487
Conc: 101.24 ng/ml



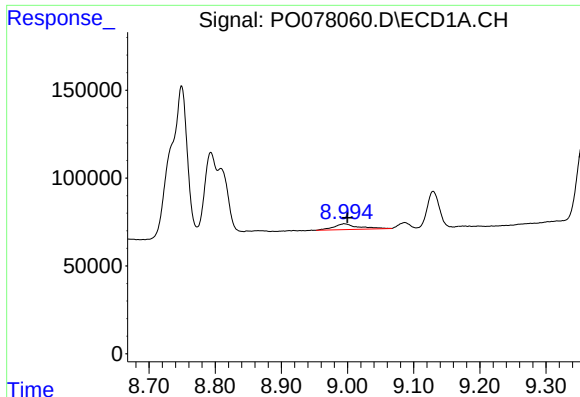
#42 AR-1268-2

R.T.: 8.808 min
Delta R.T.: -0.009 min
Response: 377547
Conc: 58.34 ng/ml



#42 AR-1268-2

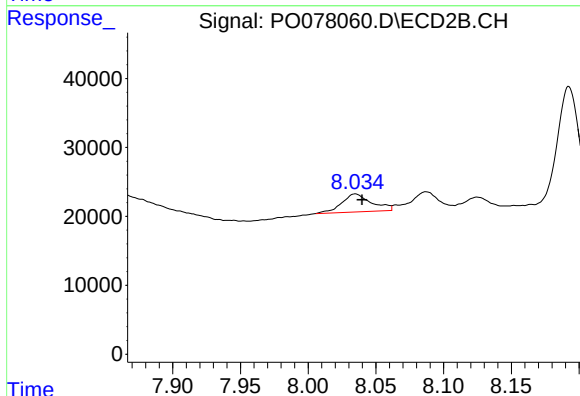
R.T.: 7.829 min
Delta R.T.: -0.008 min
Response: 1438008
Conc: 347.55 ng/ml



#43 AR-1268-3

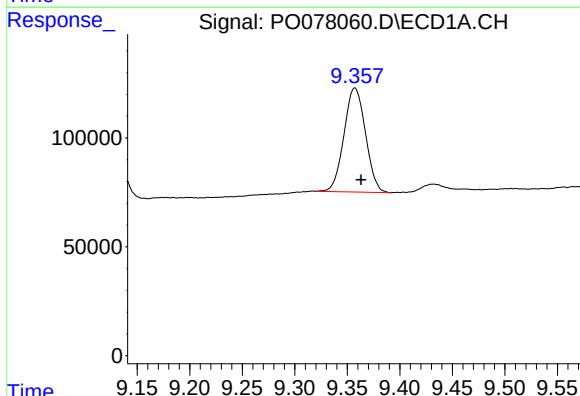
R.T.: 8.995 min
Delta R.T.: -0.005 min
Response: 85287
Conc: 15.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



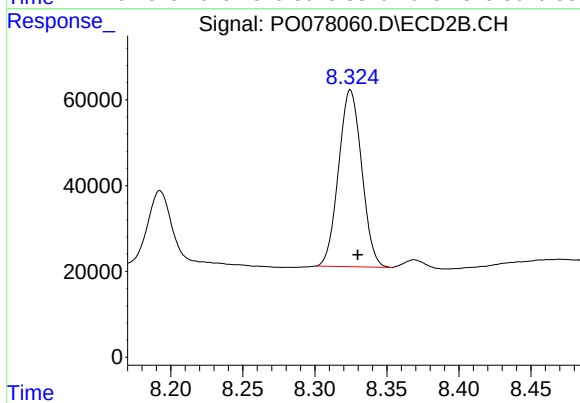
#43 AR-1268-3

R.T.: 8.035 min
Delta R.T.: -0.005 min
Response: 40206
Conc: 11.35 ng/ml



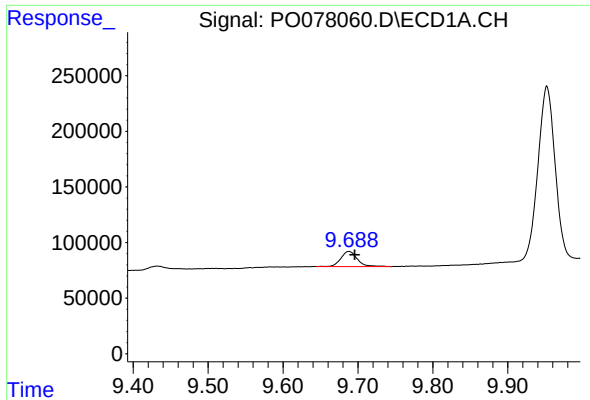
#44 AR-1268-4

R.T.: 9.357 min
Delta R.T.: -0.006 min
Response: 679963
Conc: 301.93 ng/ml



#44 AR-1268-4

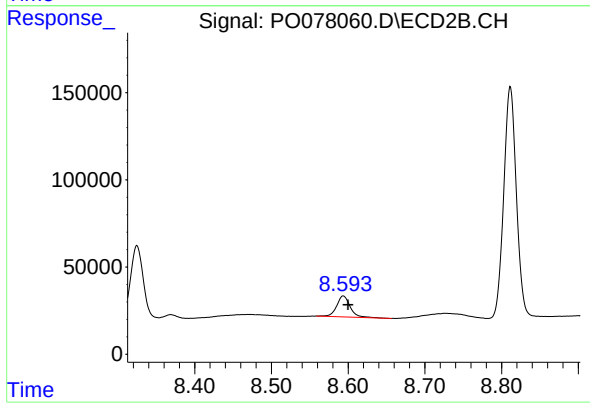
R.T.: 8.325 min
Delta R.T.: -0.005 min
Response: 461039
Conc: 304.73 ng/ml



#45 AR-1268-5

R.T.: 9.688 min
Delta R.T.: -0.008 min
Response: 209427
Conc: 11.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.594 min
Delta R.T.: -0.006 min
Response: 148222
Conc: 14.07 ng/ml