

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110520\
 Data File : PO073104.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 05 Nov 2020 13:24
 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: Nov 06 00:40:30 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110420.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Nov 05 05:38:46 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...	4.948	4.022	2483120	1579969	46.852	44.214
2)	SA Decachlor...	10.975	9.297	1856305	1523944	44.857	45.679
Target Compounds							
3)	L1 AR-1016-1	6.271	5.273	933536	653063	470.639	443.450
4)	L1 AR-1016-2	6.294	5.293	1293217	880973	471.724	442.808
5)	L1 AR-1016-3	6.362	5.483	779070	468929	467.461	492.737
6)	L1 AR-1016-4	6.468	5.536	650302	390766	482.438	463.977
7)	L1 AR-1016-5	6.784	5.763	613672	497505	540.959	461.660
8)	L2 AR-1221-1	5.193	4.277	82368	61884	119.586	130.568
9)	L2 AR-1221-2	5.298	4.376	123053	86932	241.866	242.755
10)	L2 AR-1221-3	5.385	4.465	470545	322978	300.806	294.343
11)	L3 AR-1232-1	5.385	4.465	470545	322978	375.798	375.216
12)	L3 AR-1232-2	5.975	5.293	615589	880973	994.883	997.411
13)	L3 AR-1232-3	6.294	5.483	1293217	468929	1027.989	1098.887
14)	L3 AR-1232-4	6.468	5.580	650302	469703	1065.942	1115.525
15)	L3 AR-1232-5	6.567	5.763	513593	497505	1227.110	1111.340
16)	L4 AR-1242-1	6.271	5.273	933536	653063	536.957	522.215
17)	L4 AR-1242-2	6.294	5.293	1293217	880973	539.924	528.793
18)	L4 AR-1242-3	6.362	5.483	779070	468929	532.071	562.551
19)	L4 AR-1242-4	6.468	5.580	650302	469703	539.680	535.874
20)	L4 AR-1242-5	7.253	6.140	129549	367822	98.977	323.516 #
21)	L5 AR-1248-1	6.271	5.273	933536	653063	693.380	696.578
22)	L5 AR-1248-2	6.567	5.536	513593	390766	296.053	301.703
23)	L5 AR-1248-3	6.784	5.580	613672	469703	327.319	347.640
24)	L5 AR-1248-4	7.213	5.763	224781	497505	92.973	313.703 #
25)	L5 AR-1248-5	7.253	6.183	129549	63865	56.436	40.109 #
26)	L6 AR-1254-1	7.184	6.140	475044	367822	203.032	153.092
27)	L6 AR-1254-2	7.412	6.299	567753	356969	161.130	166.790
28)	L6 AR-1254-3	7.796	6.736f	260715	650426	72.495	193.338 #
29)	L6 AR-1254-4	8.091	6.955	201233	98217	66.870	44.225 #
30)	L6 AR-1254-5	8.521	7.381	1315676	1194933	454.503	393.644
31)	L7 AR-1260-1	7.964	6.854	1040589	864458	477.721	430.281
32)	L7 AR-1260-2	8.229	7.050	1332049	1087519	491.685	438.210
33)	L7 AR-1260-3	8.596	7.204	989391	978147	480.662	433.361
34)	L7 AR-1260-4	8.827	7.684	1196301	847684	524.075	458.128
35)	L7 AR-1260-5	9.154	7.930	2416063	1985795	547.754	463.740
36)	L8 AR-1262-1	8.596	7.381	989391	1194933	290.330	767.310 #
37)	L8 AR-1262-2	9.154	7.930	2416063	1985795	416.188	392.501
38)	L8 AR-1262-3	9.487f	8.216	1509412	466765	362.887	229.930 #
39)	L8 AR-1262-4	9.540f	8.277	954240	1440939	296.740	392.440 #
40)	L8 AR-1262-5	10.226	8.773	699512	574603	332.582	328.516
41)	L9 AR-1268-1	9.487f	8.216	1509412	466765	212.993	82.095 #

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 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

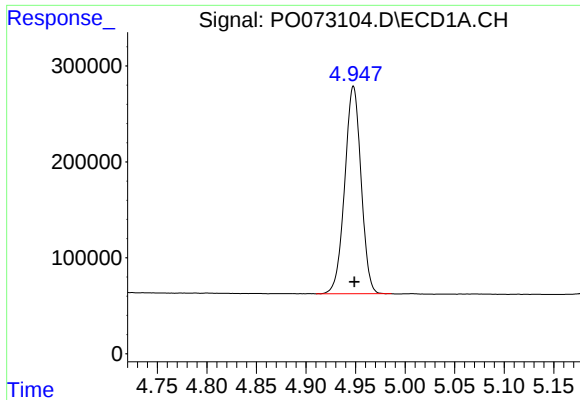
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.540f	8.277	954240	1440939	147.287	284.384 #
43) L9	AR-1268-3	9.787	8.488	104492	58830	18.707	13.352 #
44) L9	AR-1268-4	10.226	8.773	699512	574603	301.639	298.405
45) L9	AR-1268-5	10.640	9.053	218890	146173	13.534	11.229

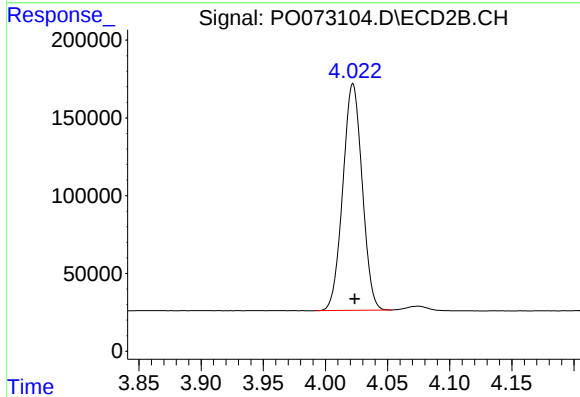
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

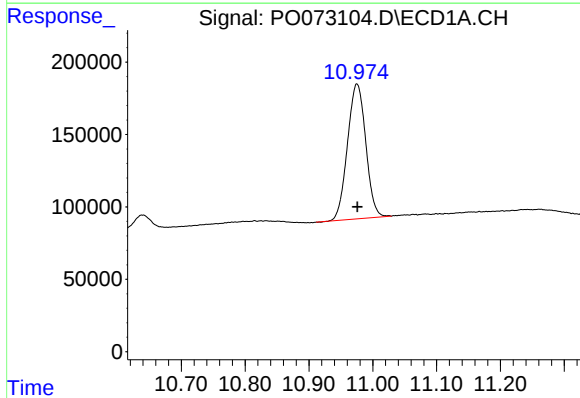
R.T.: 4.948 min
Delta R.T.: -0.001 min
Response: 2483120
Conc: 46.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



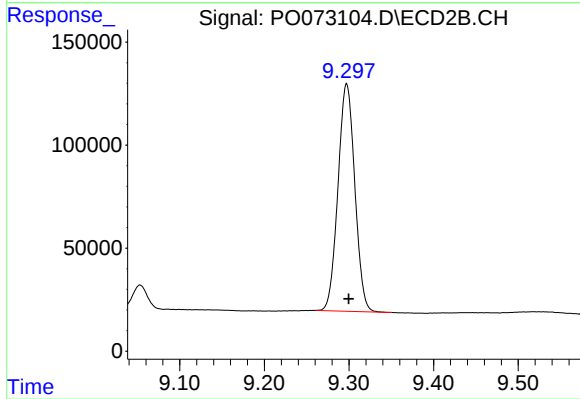
#1 Tetrachloro-m-xylene

R.T.: 4.022 min
Delta R.T.: -0.001 min
Response: 1579969
Conc: 44.21 ng/ml



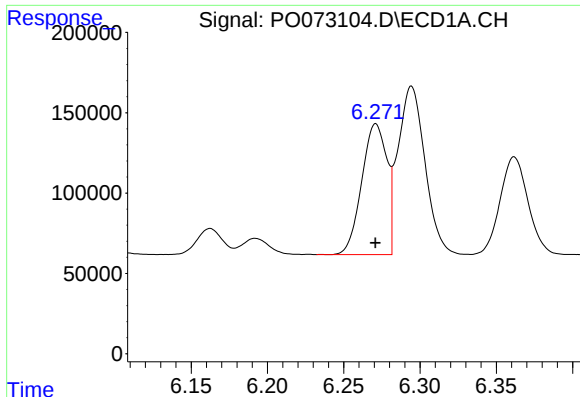
#2 Decachlorobiphenyl

R.T.: 10.975 min
Delta R.T.: 0.000 min
Response: 1856305
Conc: 44.86 ng/ml



#2 Decachlorobiphenyl

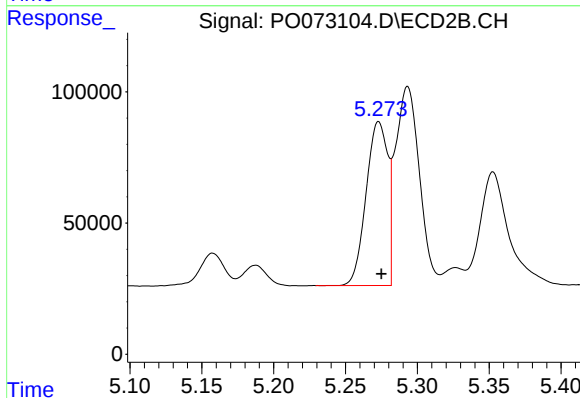
R.T.: 9.297 min
Delta R.T.: -0.002 min
Response: 1523944
Conc: 45.68 ng/ml



#3 AR-1016-1

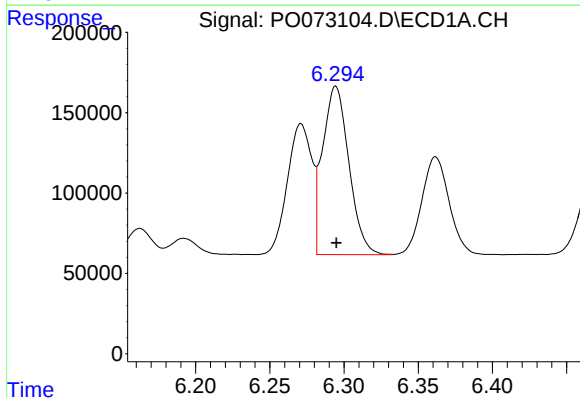
R.T.: 6.271 min
Delta R.T.: 0.000 min
Response: 933536
Conc: 470.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



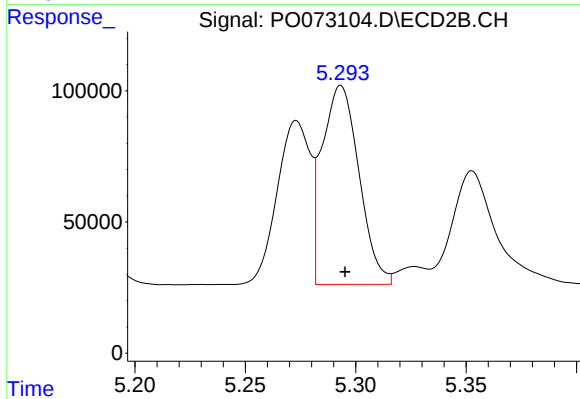
#3 AR-1016-1

R.T.: 5.273 min
Delta R.T.: -0.002 min
Response: 653063
Conc: 443.45 ng/ml



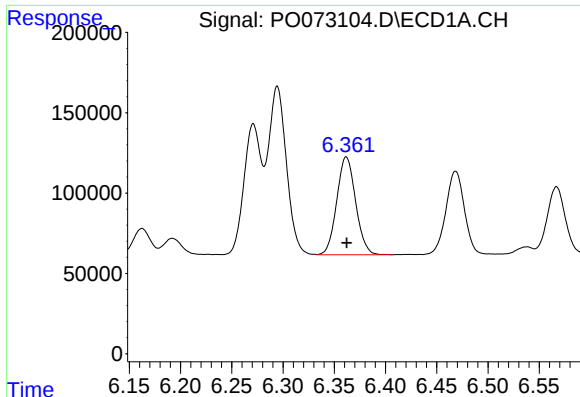
#4 AR-1016-2

R.T.: 6.294 min
Delta R.T.: 0.000 min
Response: 1293217
Conc: 471.72 ng/ml



#4 AR-1016-2

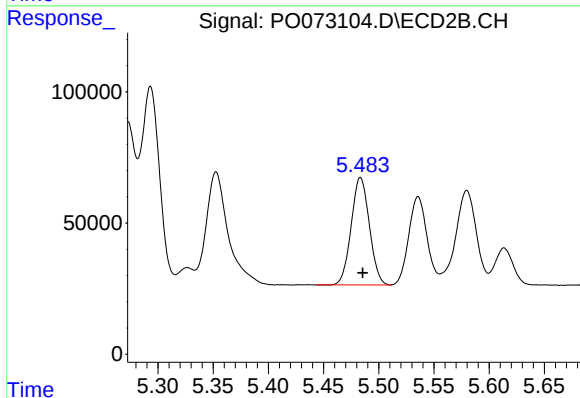
R.T.: 5.293 min
Delta R.T.: -0.002 min
Response: 880973
Conc: 442.81 ng/ml



#5 AR-1016-3

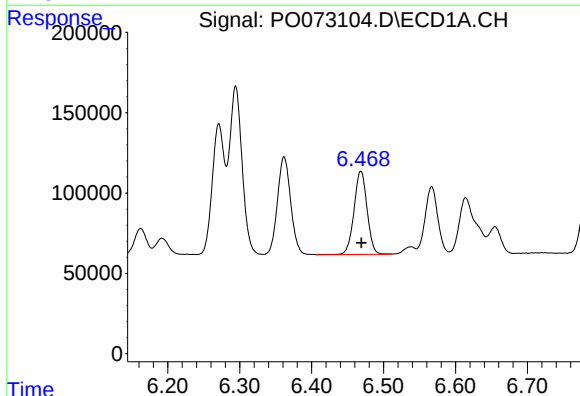
R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 779070
Conc: 467.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



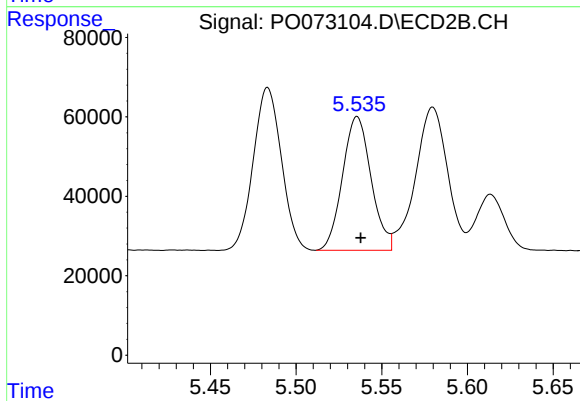
#5 AR-1016-3

R.T.: 5.483 min
Delta R.T.: -0.002 min
Response: 468929
Conc: 492.74 ng/ml



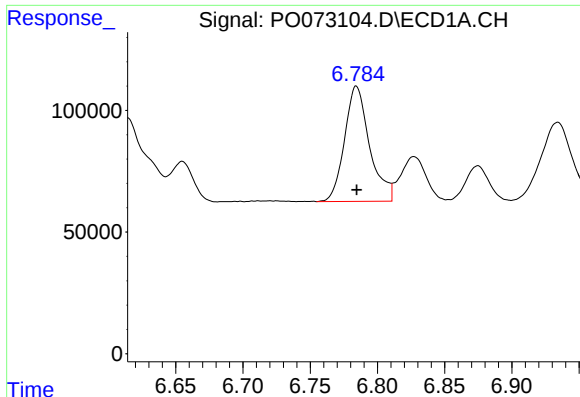
#6 AR-1016-4

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 650302
Conc: 482.44 ng/ml



#6 AR-1016-4

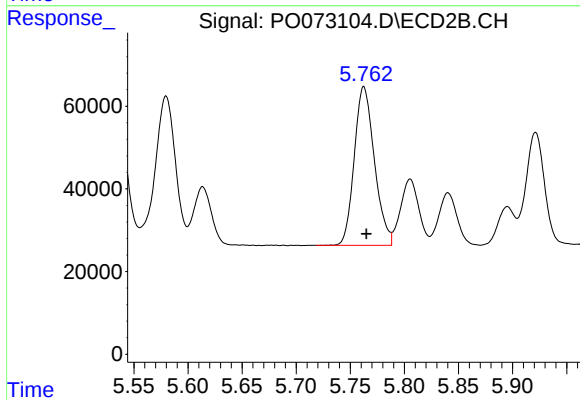
R.T.: 5.536 min
Delta R.T.: -0.002 min
Response: 390766
Conc: 463.98 ng/ml



#7 AR-1016-5

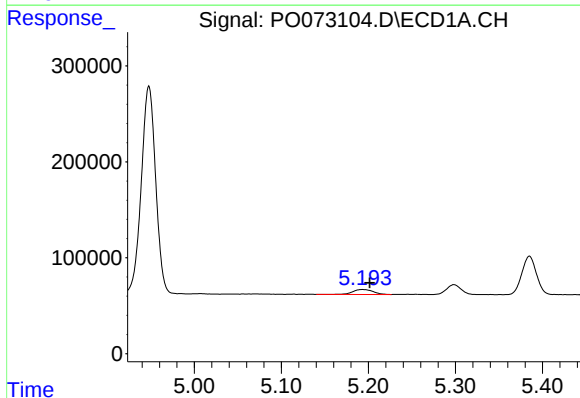
R.T.: 6.784 min
Delta R.T.: 0.000 min
Response: 613672
Conc: 540.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



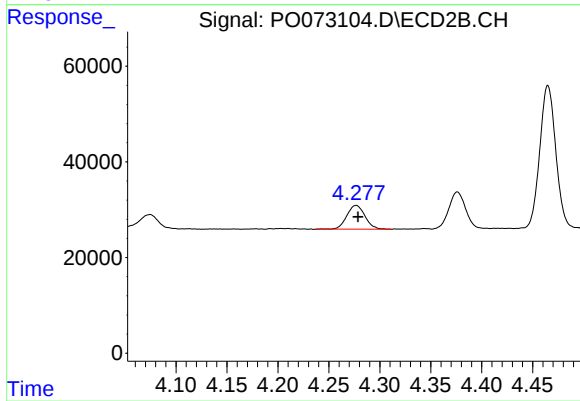
#7 AR-1016-5

R.T.: 5.763 min
Delta R.T.: -0.002 min
Response: 497505
Conc: 461.66 ng/ml



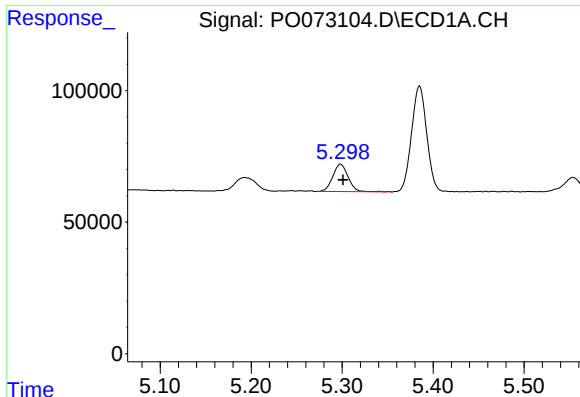
#8 AR-1221-1

R.T.: 5.193 min
Delta R.T.: -0.009 min
Response: 82368
Conc: 119.59 ng/ml



#8 AR-1221-1

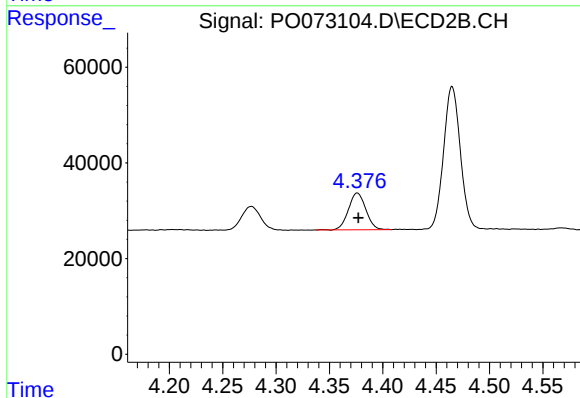
R.T.: 4.277 min
Delta R.T.: -0.002 min
Response: 61884
Conc: 130.57 ng/ml



#9 AR-1221-2

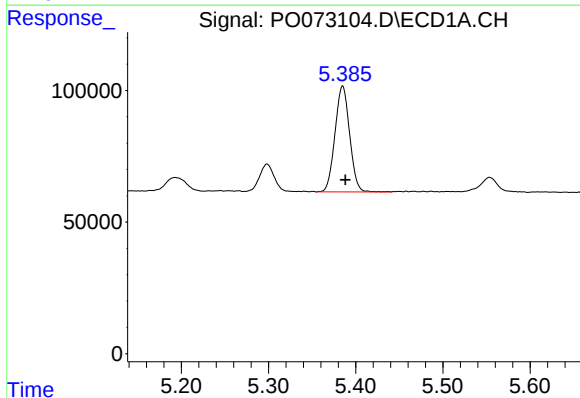
R.T.: 5.298 min
Delta R.T.: -0.003 min
Response: 123053
Conc: 241.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



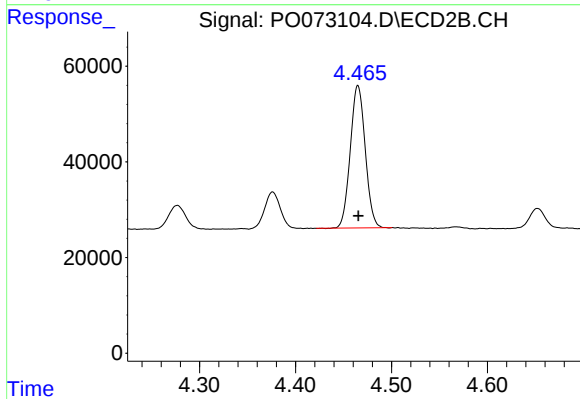
#9 AR-1221-2

R.T.: 4.376 min
Delta R.T.: -0.001 min
Response: 86932
Conc: 242.76 ng/ml



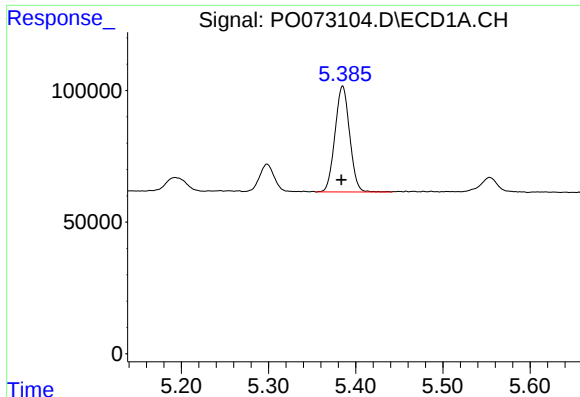
#10 AR-1221-3

R.T.: 5.385 min
Delta R.T.: -0.003 min
Response: 470545
Conc: 300.81 ng/ml



#10 AR-1221-3

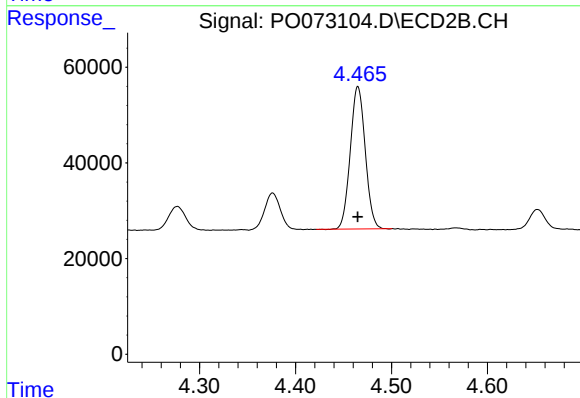
R.T.: 4.465 min
Delta R.T.: 0.000 min
Response: 322978
Conc: 294.34 ng/ml



#11 AR-1232-1

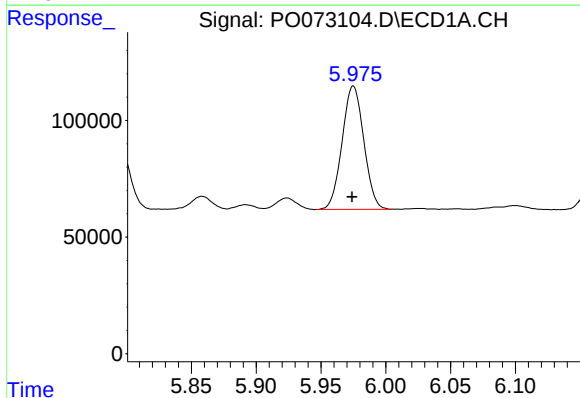
R.T.: 5.385 min
Delta R.T.: 0.001 min
Response: 470545
Conc: 375.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



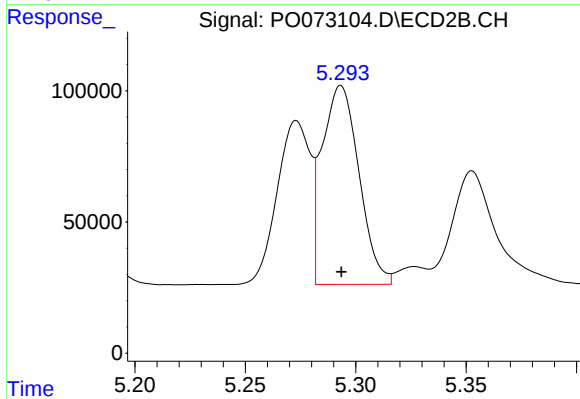
#11 AR-1232-1

R.T.: 4.465 min
Delta R.T.: 0.000 min
Response: 322978
Conc: 375.22 ng/ml



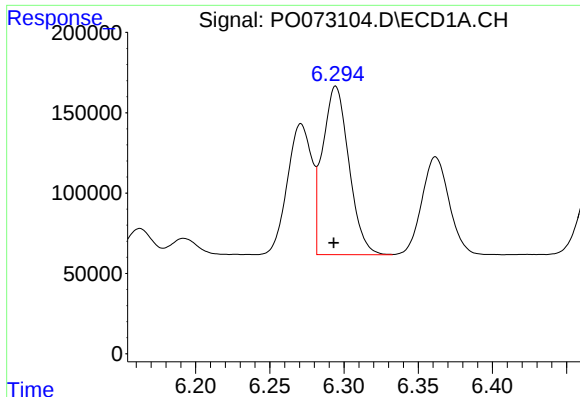
#12 AR-1232-2

R.T.: 5.975 min
Delta R.T.: 0.000 min
Response: 615589
Conc: 994.88 ng/ml



#12 AR-1232-2

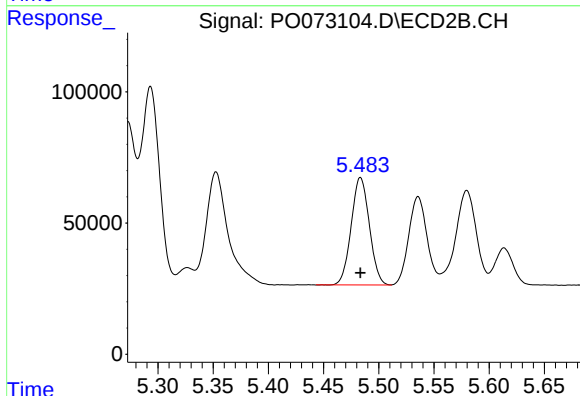
R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 880973
Conc: 997.41 ng/ml



#13 AR-1232-3

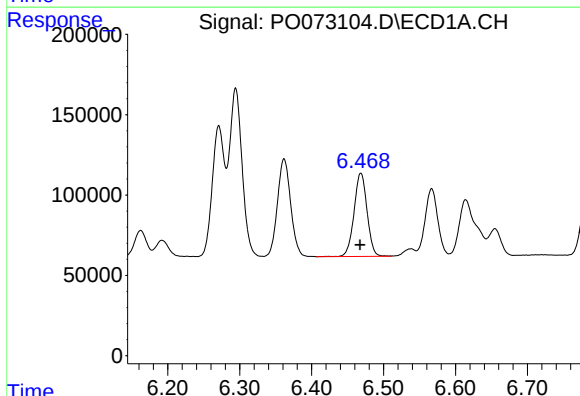
R.T.: 6.294 min
Delta R.T.: 0.001 min
Response: 1293217
Conc: 1027.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



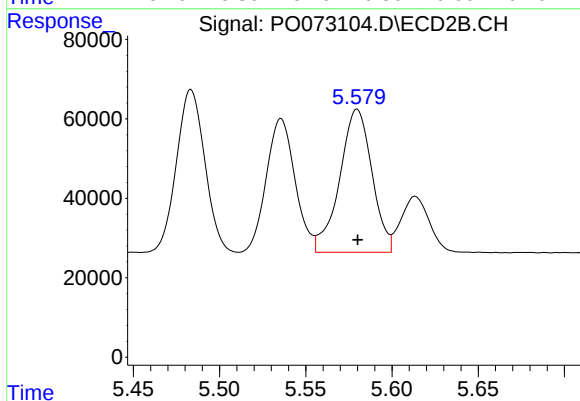
#13 AR-1232-3

R.T.: 5.483 min
Delta R.T.: 0.000 min
Response: 468929
Conc: 1098.89 ng/ml



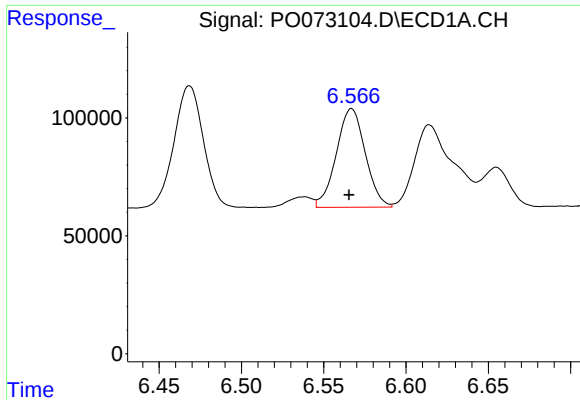
#14 AR-1232-4

R.T.: 6.468 min
Delta R.T.: 0.001 min
Response: 650302
Conc: 1065.94 ng/ml



#14 AR-1232-4

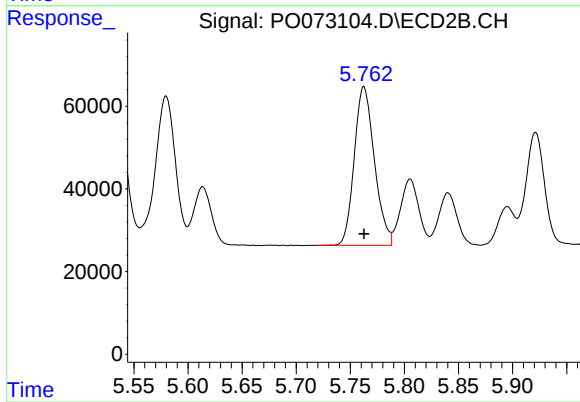
R.T.: 5.580 min
Delta R.T.: 0.000 min
Response: 469703
Conc: 1115.53 ng/ml



#15 AR-1232-5

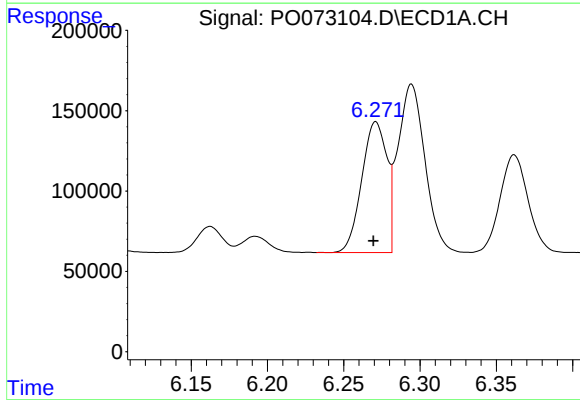
R.T.: 6.567 min
Delta R.T.: 0.002 min
Response: 513593
Conc: 1227.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



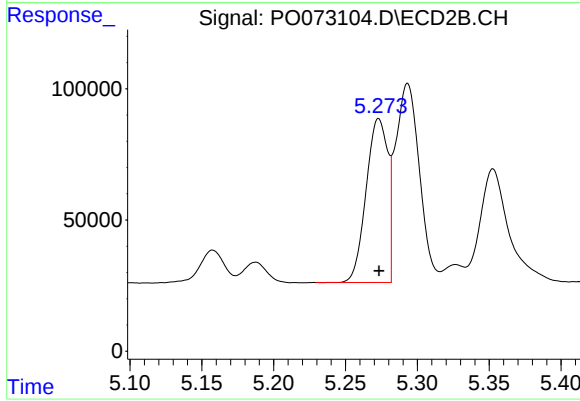
#15 AR-1232-5

R.T.: 5.763 min
Delta R.T.: 0.000 min
Response: 497505
Conc: 1111.34 ng/ml



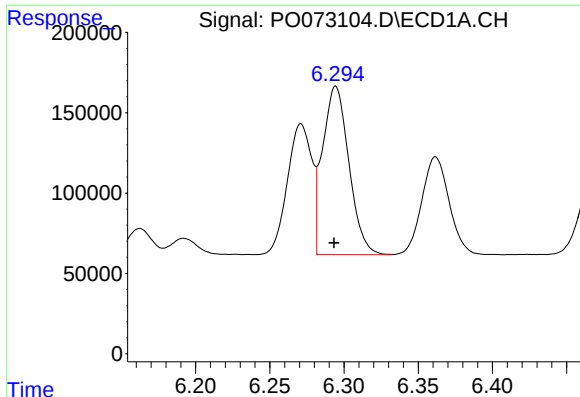
#16 AR-1242-1

R.T.: 6.271 min
Delta R.T.: 0.002 min
Response: 933536
Conc: 536.96 ng/ml



#16 AR-1242-1

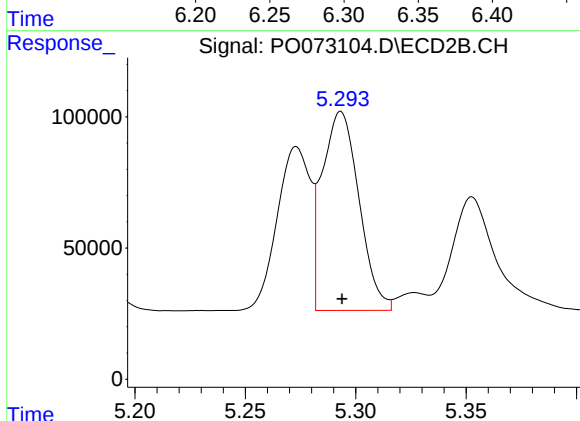
R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 653063
Conc: 522.22 ng/ml



#17 AR-1242-2

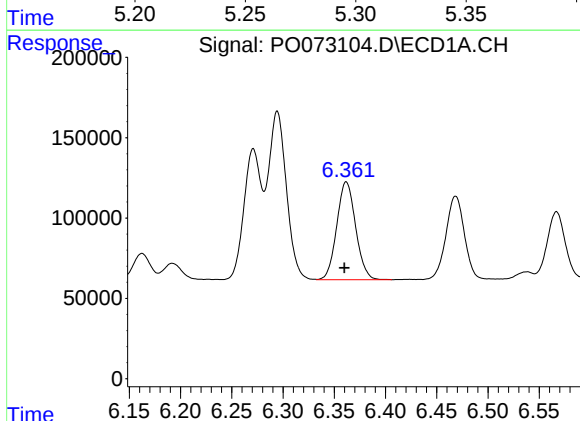
R.T.: 6.294 min
Delta R.T.: 0.001 min
Response: 1293217
Conc: 539.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



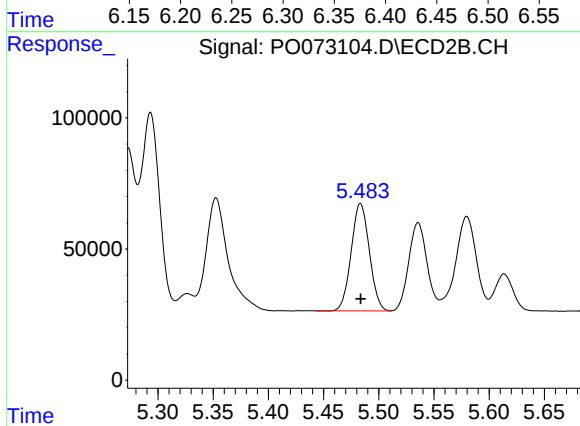
#17 AR-1242-2

R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 880973
Conc: 528.79 ng/ml



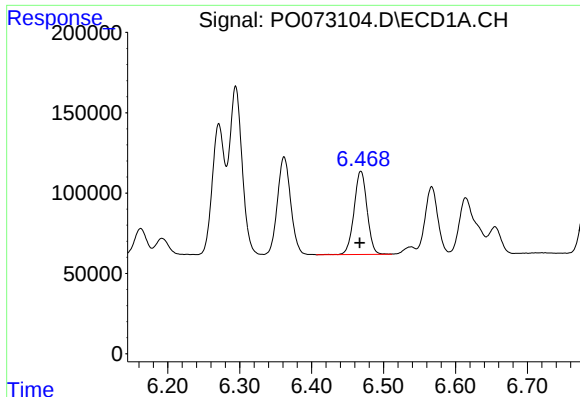
#18 AR-1242-3

R.T.: 6.362 min
Delta R.T.: 0.002 min
Response: 779070
Conc: 532.07 ng/ml



#18 AR-1242-3

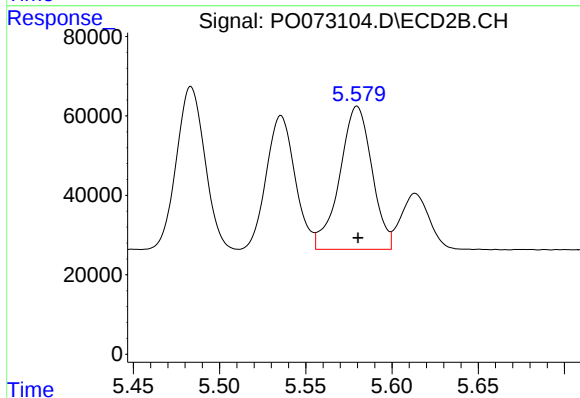
R.T.: 5.483 min
Delta R.T.: 0.000 min
Response: 468929
Conc: 562.55 ng/ml



#19 AR-1242-4

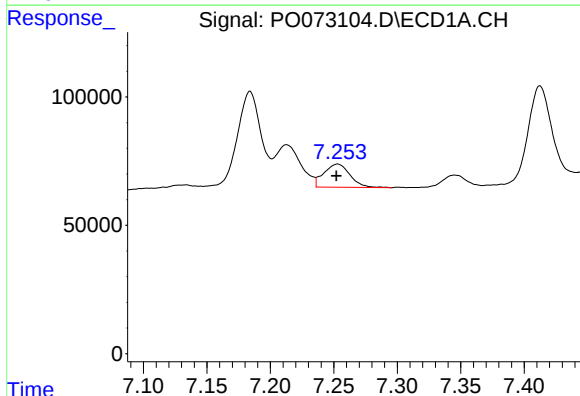
R.T.: 6.468 min
Delta R.T.: 0.002 min
Response: 650302
Conc: 539.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



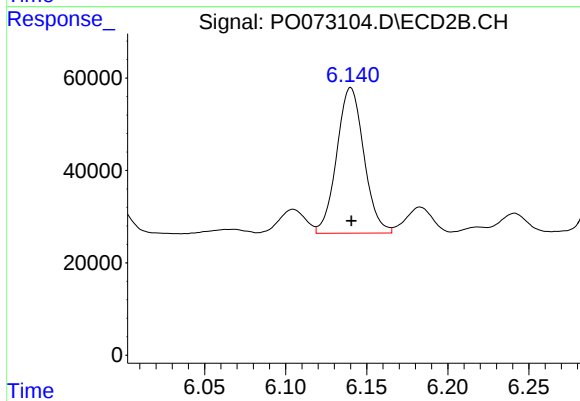
#19 AR-1242-4

R.T.: 5.580 min
Delta R.T.: 0.000 min
Response: 469703
Conc: 535.87 ng/ml



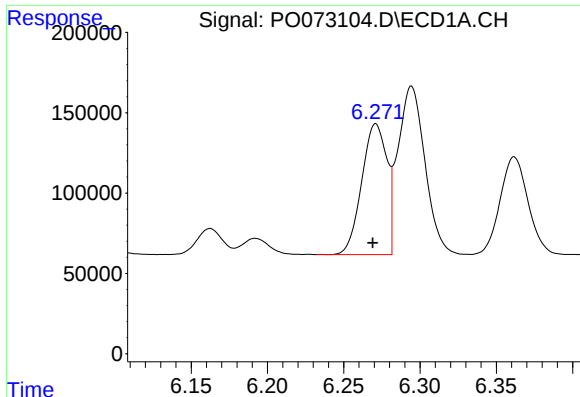
#20 AR-1242-5

R.T.: 7.253 min
Delta R.T.: 0.000 min
Response: 129549
Conc: 98.98 ng/ml



#20 AR-1242-5

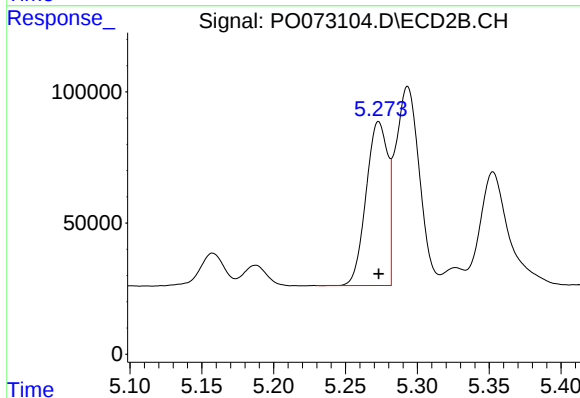
R.T.: 6.140 min
Delta R.T.: 0.000 min
Response: 367822
Conc: 323.52 ng/ml



#21 AR-1248-1

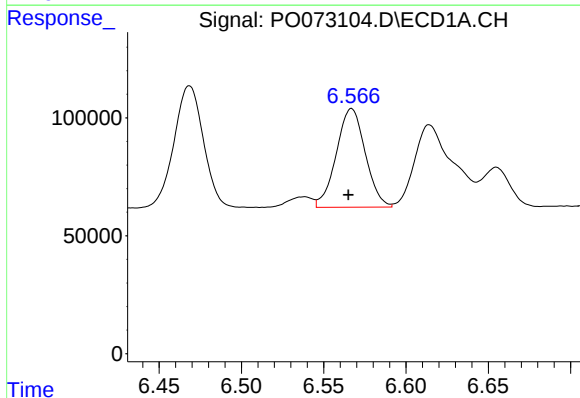
R.T.: 6.271 min
Delta R.T.: 0.002 min
Response: 933536
Conc: 693.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



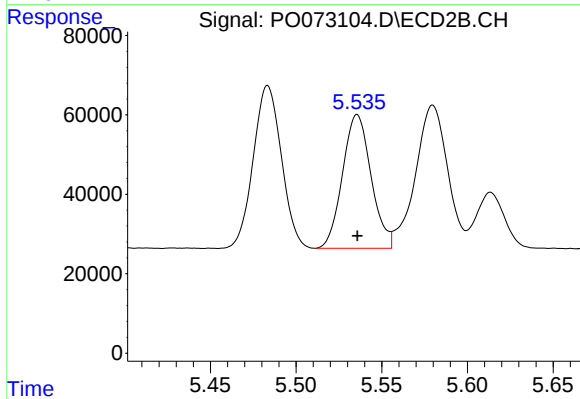
#21 AR-1248-1

R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 653063
Conc: 696.58 ng/ml



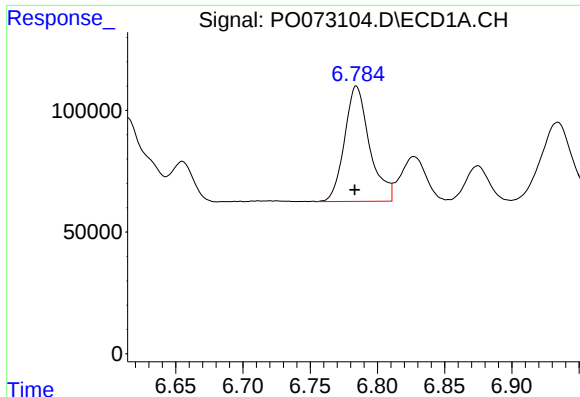
#22 AR-1248-2

R.T.: 6.567 min
Delta R.T.: 0.002 min
Response: 513593
Conc: 296.05 ng/ml



#22 AR-1248-2

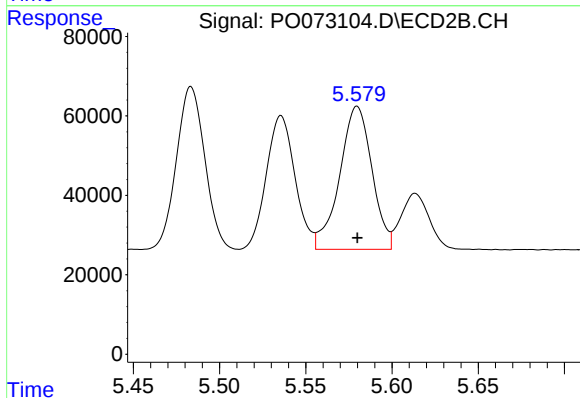
R.T.: 5.536 min
Delta R.T.: 0.000 min
Response: 390766
Conc: 301.70 ng/ml



#23 AR-1248-3

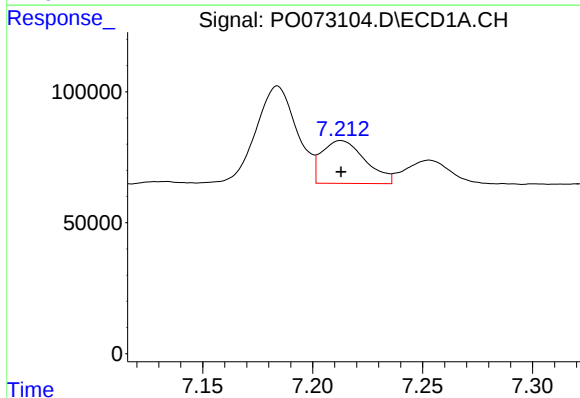
R.T.: 6.784 min
Delta R.T.: 0.001 min
Response: 613672
Conc: 327.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



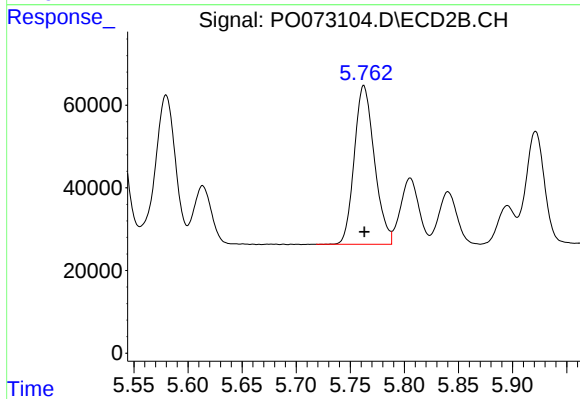
#23 AR-1248-3

R.T.: 5.580 min
Delta R.T.: 0.000 min
Response: 469703
Conc: 347.64 ng/ml



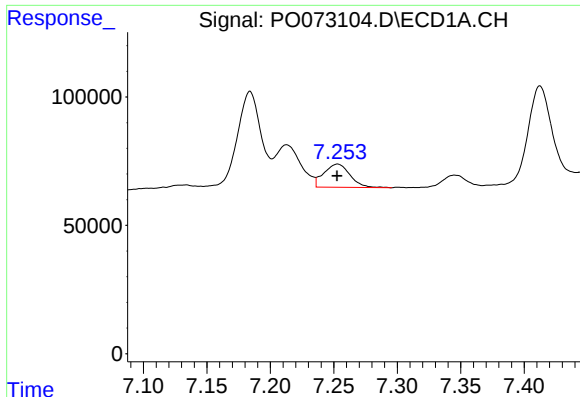
#24 AR-1248-4

R.T.: 7.213 min
Delta R.T.: 0.000 min
Response: 224781
Conc: 92.97 ng/ml



#24 AR-1248-4

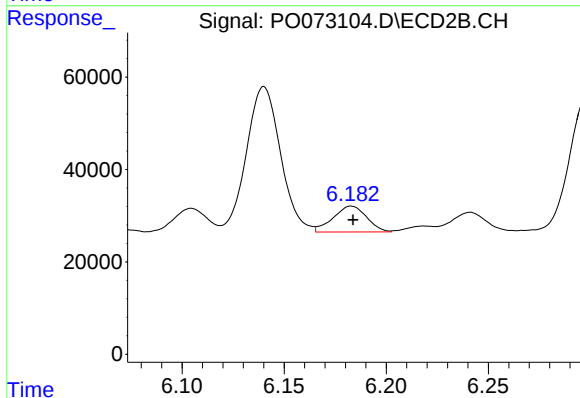
R.T.: 5.763 min
Delta R.T.: 0.000 min
Response: 497505
Conc: 313.70 ng/ml



#25 AR-1248-5

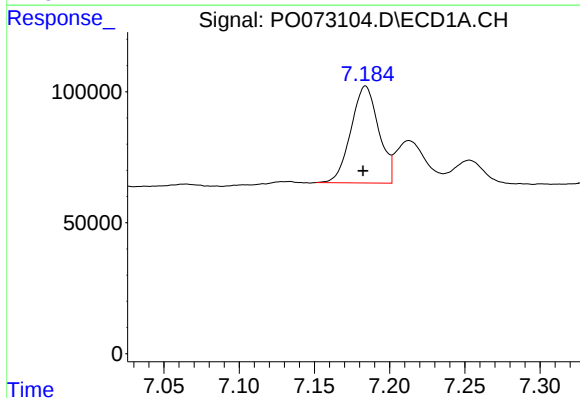
R.T.: 7.253 min
Delta R.T.: 0.000 min
Response: 129549
Conc: 56.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



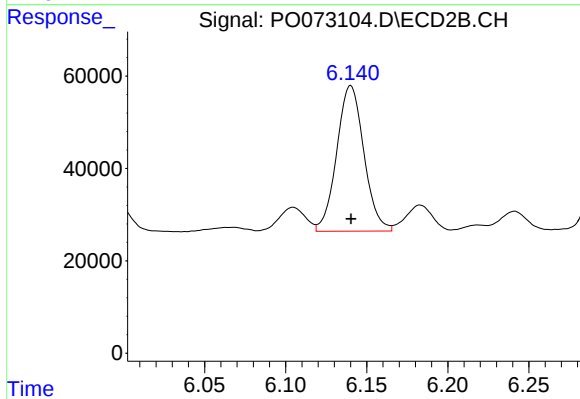
#25 AR-1248-5

R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 63865
Conc: 40.11 ng/ml



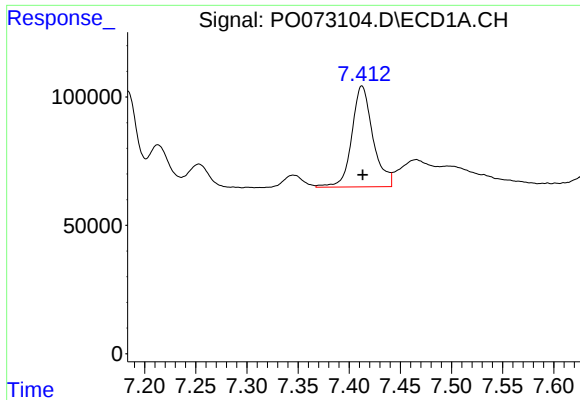
#26 AR-1254-1

R.T.: 7.184 min
Delta R.T.: 0.002 min
Response: 475044
Conc: 203.03 ng/ml



#26 AR-1254-1

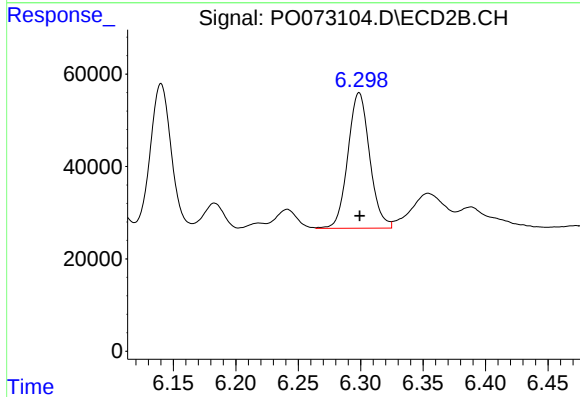
R.T.: 6.140 min
Delta R.T.: 0.000 min
Response: 367822
Conc: 153.09 ng/ml



#27 AR-1254-2

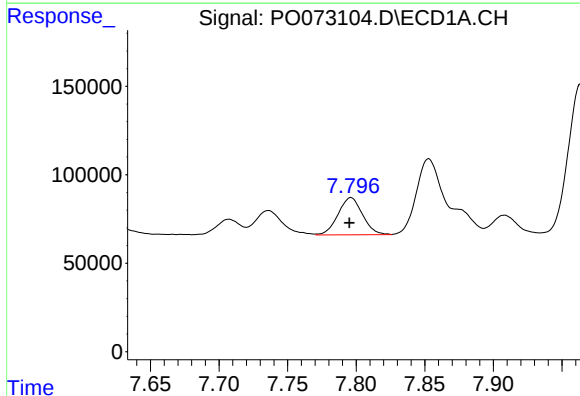
R.T.: 7.412 min
Delta R.T.: 0.000 min
Response: 567753
Conc: 161.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



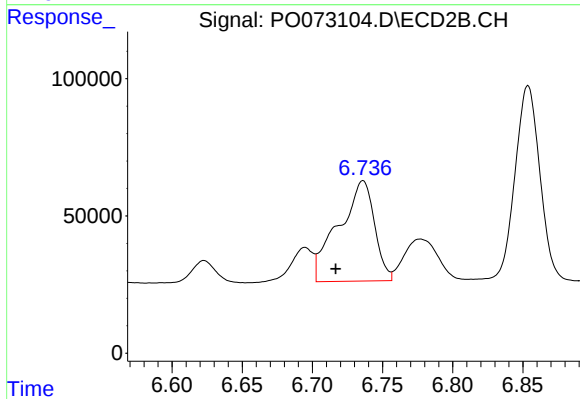
#27 AR-1254-2

R.T.: 6.299 min
Delta R.T.: 0.000 min
Response: 356969
Conc: 166.79 ng/ml



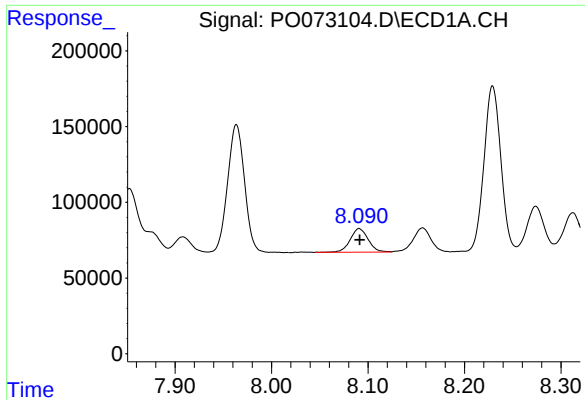
#28 AR-1254-3

R.T.: 7.796 min
Delta R.T.: 0.000 min
Response: 260715
Conc: 72.50 ng/ml



#28 AR-1254-3

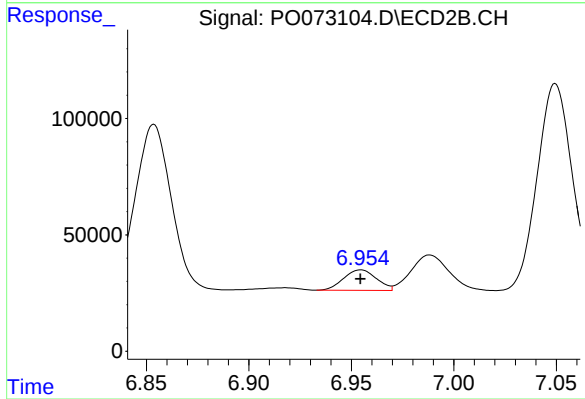
R.T.: 6.736 min
Delta R.T.: 0.019 min
Response: 650426
Conc: 193.34 ng/ml



#29 AR-1254-4

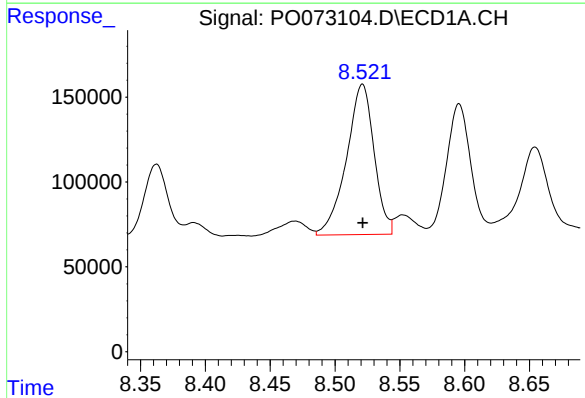
R.T.: 8.091 min
Delta R.T.: 0.000 min
Response: 201233
Conc: 66.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



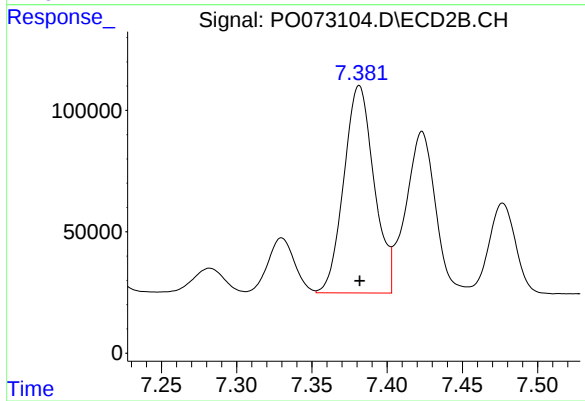
#29 AR-1254-4

R.T.: 6.955 min
Delta R.T.: 0.000 min
Response: 98217
Conc: 44.22 ng/ml



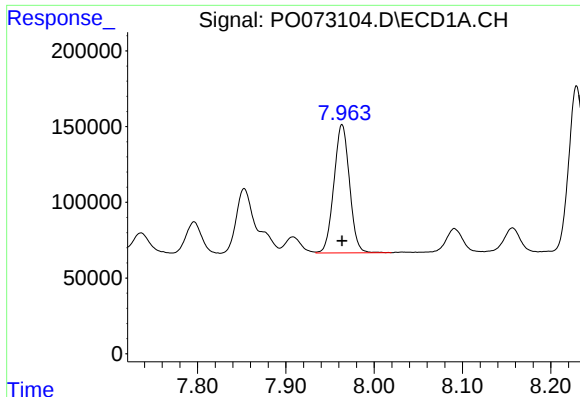
#30 AR-1254-5

R.T.: 8.521 min
Delta R.T.: 0.000 min
Response: 1315676
Conc: 454.50 ng/ml



#30 AR-1254-5

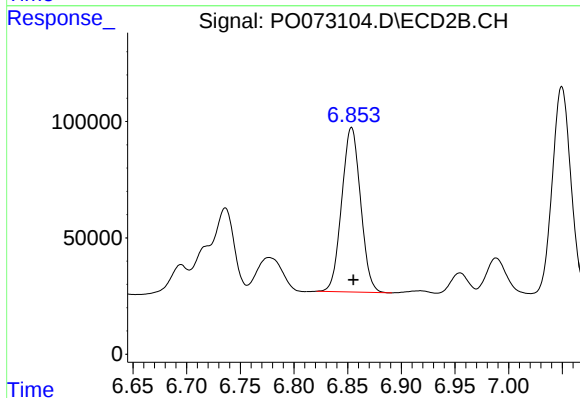
R.T.: 7.381 min
Delta R.T.: 0.000 min
Response: 1194933
Conc: 393.64 ng/ml



#31 AR-1260-1

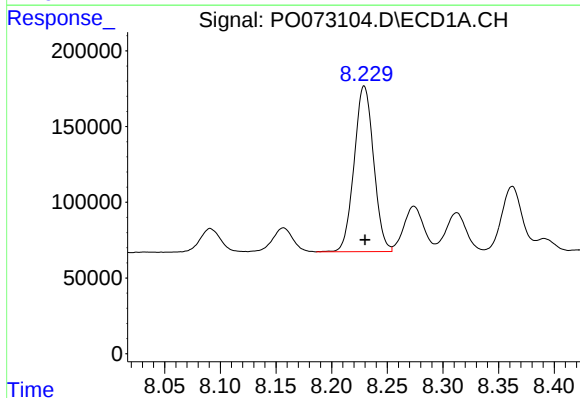
R.T.: 7.964 min
Delta R.T.: 0.000 min
Response: 1040589
Conc: 477.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



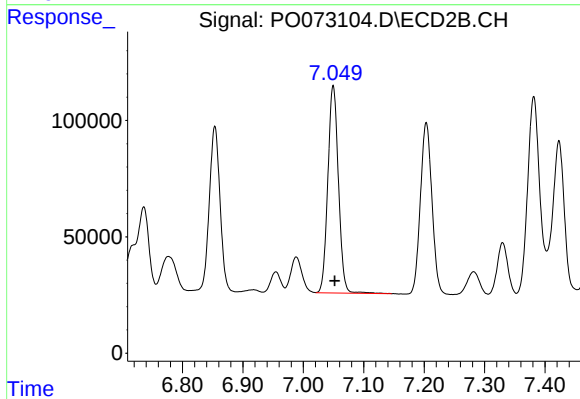
#31 AR-1260-1

R.T.: 6.854 min
Delta R.T.: -0.002 min
Response: 864458
Conc: 430.28 ng/ml



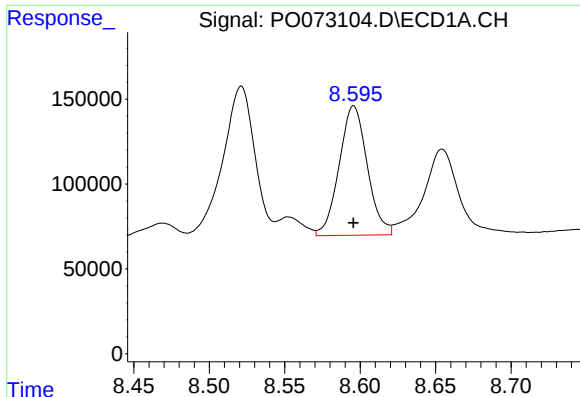
#32 AR-1260-2

R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 1332049
Conc: 491.68 ng/ml



#32 AR-1260-2

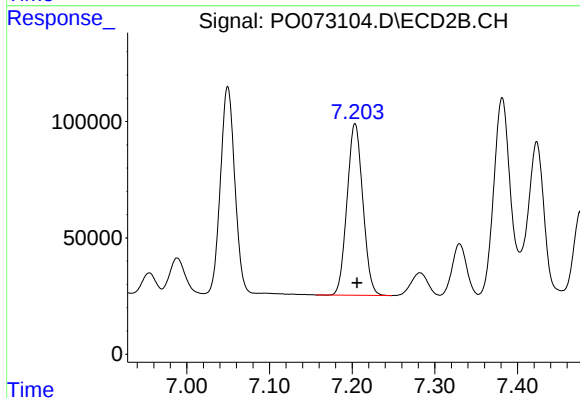
R.T.: 7.050 min
Delta R.T.: -0.002 min
Response: 1087519
Conc: 438.21 ng/ml



#33 AR-1260-3

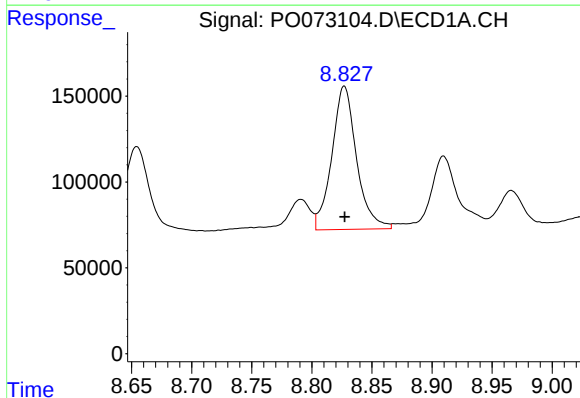
R.T.: 8.596 min
Delta R.T.: 0.000 min
Response: 989391
Conc: 480.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



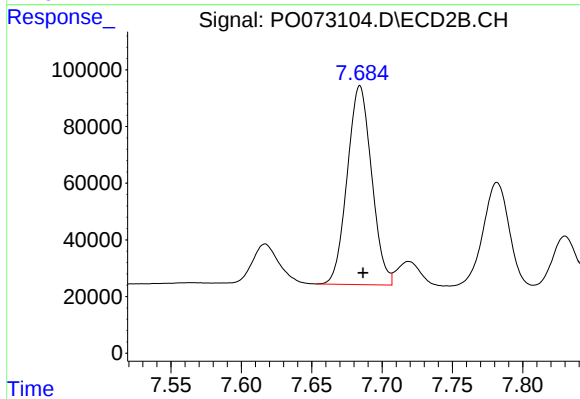
#33 AR-1260-3

R.T.: 7.204 min
Delta R.T.: -0.002 min
Response: 978147
Conc: 433.36 ng/ml



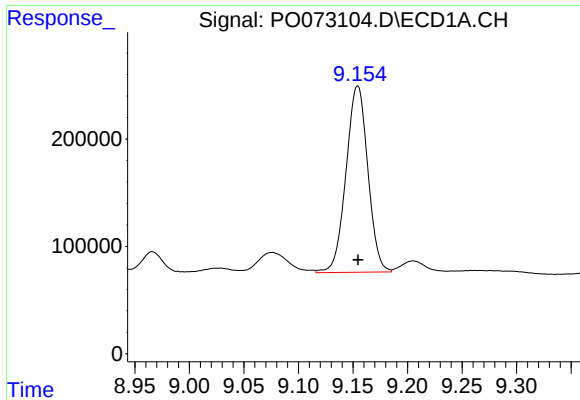
#34 AR-1260-4

R.T.: 8.827 min
Delta R.T.: 0.000 min
Response: 1196301
Conc: 524.07 ng/ml



#34 AR-1260-4

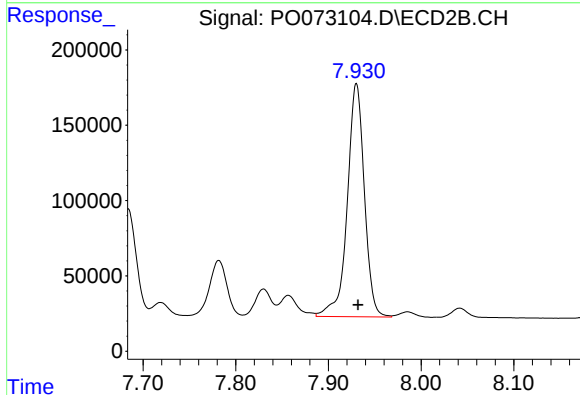
R.T.: 7.684 min
Delta R.T.: -0.002 min
Response: 847684
Conc: 458.13 ng/ml



#35 AR-1260-5

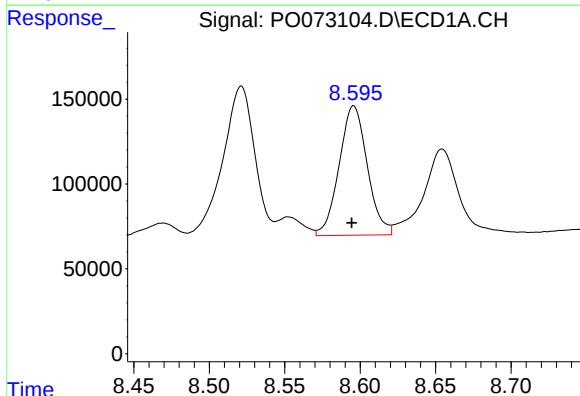
R.T.: 9.154 min
Delta R.T.: 0.000 min
Response: 2416063
Conc: 547.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



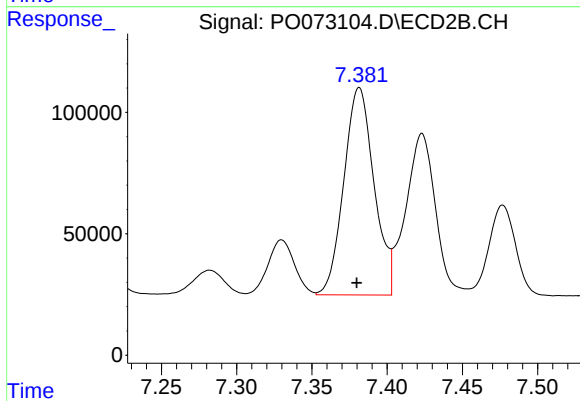
#35 AR-1260-5

R.T.: 7.930 min
Delta R.T.: -0.002 min
Response: 1985795
Conc: 463.74 ng/ml



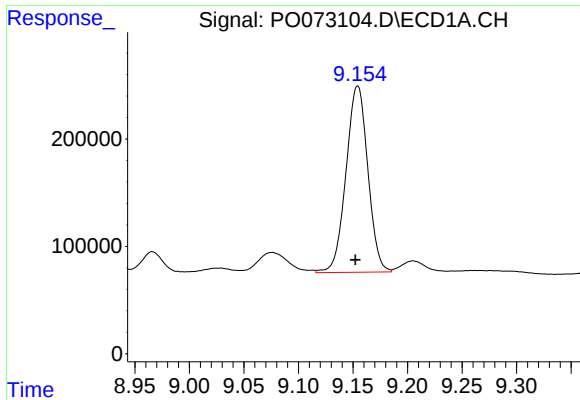
#36 AR-1262-1

R.T.: 8.596 min
Delta R.T.: 0.001 min
Response: 989391
Conc: 290.33 ng/ml



#36 AR-1262-1

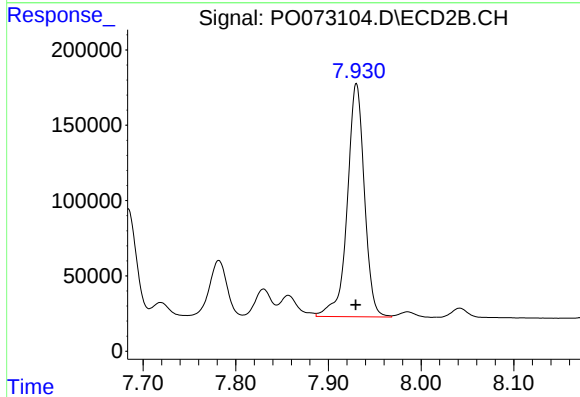
R.T.: 7.381 min
Delta R.T.: 0.002 min
Response: 1194933
Conc: 767.31 ng/ml



#37 AR-1262-2

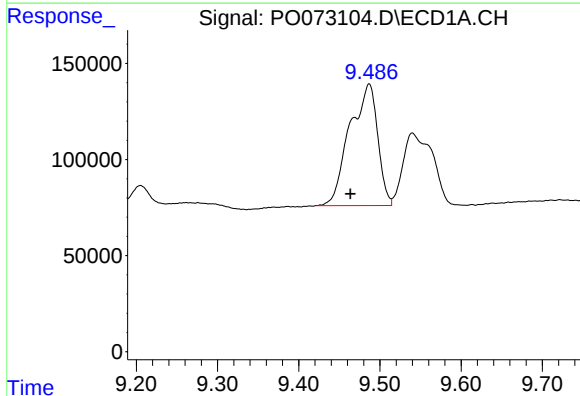
R.T.: 9.154 min
Delta R.T.: 0.002 min
Response: 2416063
Conc: 416.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



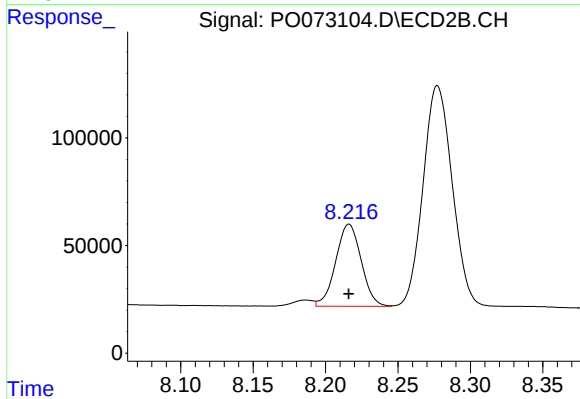
#37 AR-1262-2

R.T.: 7.930 min
Delta R.T.: 0.000 min
Response: 1985795
Conc: 392.50 ng/ml



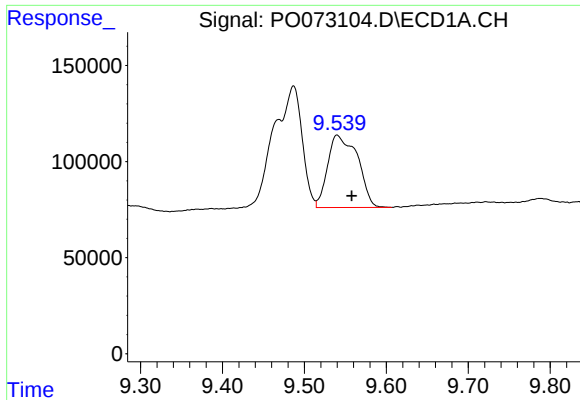
#38 AR-1262-3

R.T.: 9.487 min
Delta R.T.: 0.023 min
Response: 1509412
Conc: 362.89 ng/ml



#38 AR-1262-3

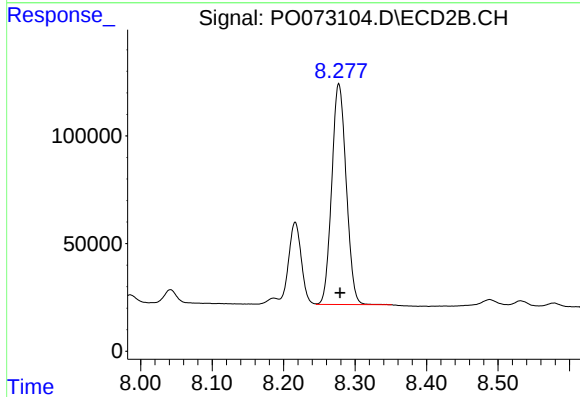
R.T.: 8.216 min
Delta R.T.: 0.000 min
Response: 466765
Conc: 229.93 ng/ml



#39 AR-1262-4

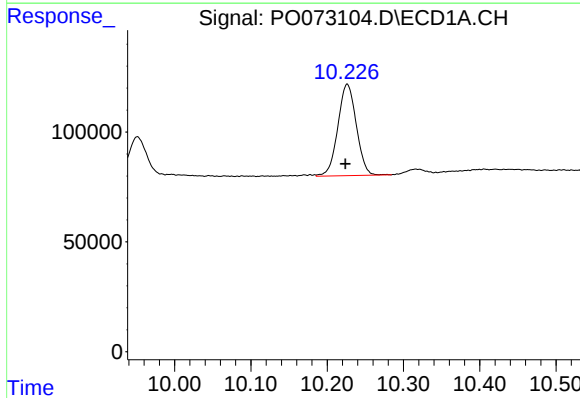
R.T.: 9.540 min
Delta R.T.: -0.018 min
Response: 954240
Conc: 296.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



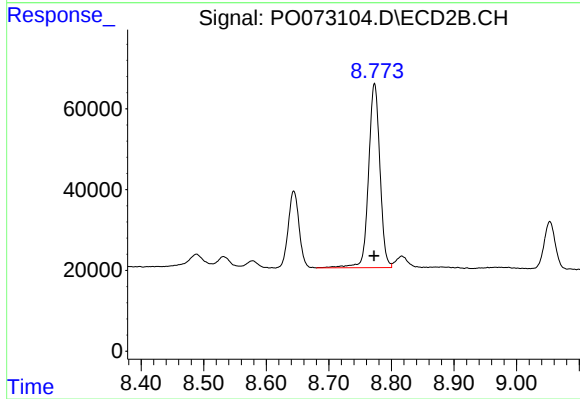
#39 AR-1262-4

R.T.: 8.277 min
Delta R.T.: -0.002 min
Response: 1440939
Conc: 392.44 ng/ml



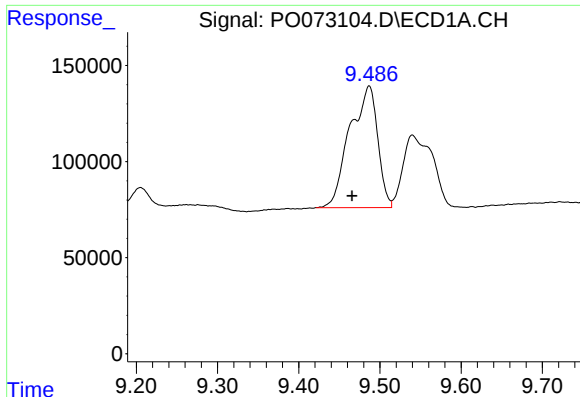
#40 AR-1262-5

R.T.: 10.226 min
Delta R.T.: 0.002 min
Response: 699512
Conc: 332.58 ng/ml



#40 AR-1262-5

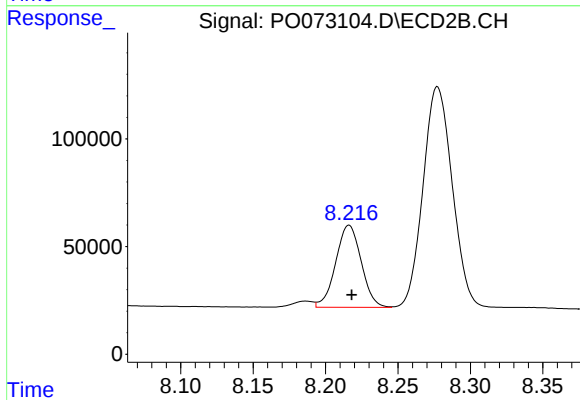
R.T.: 8.773 min
Delta R.T.: 0.000 min
Response: 574603
Conc: 328.52 ng/ml



#41 AR-1268-1

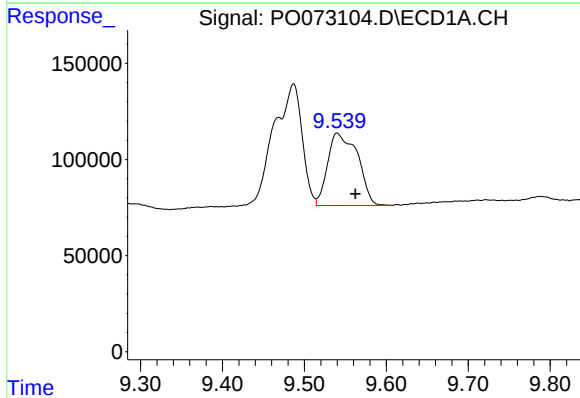
R.T.: 9.487 min
Delta R.T.: 0.021 min
Response: 1509412
Conc: 212.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



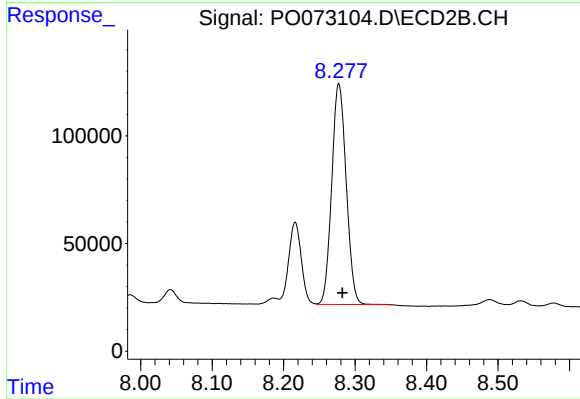
#41 AR-1268-1

R.T.: 8.216 min
Delta R.T.: -0.002 min
Response: 466765
Conc: 82.10 ng/ml



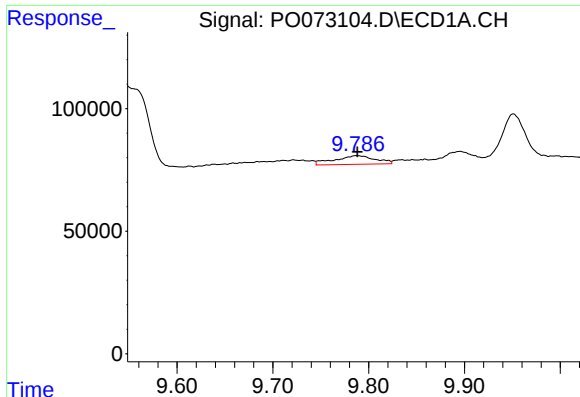
#42 AR-1268-2

R.T.: 9.540 min
Delta R.T.: -0.022 min
Response: 954240
Conc: 147.29 ng/ml



#42 AR-1268-2

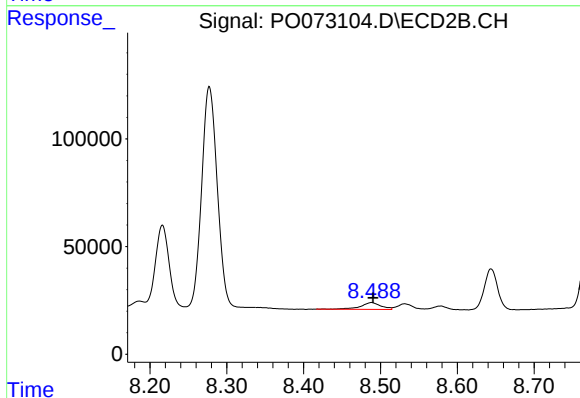
R.T.: 8.277 min
Delta R.T.: -0.005 min
Response: 1440939
Conc: 284.38 ng/ml



#43 AR-1268-3

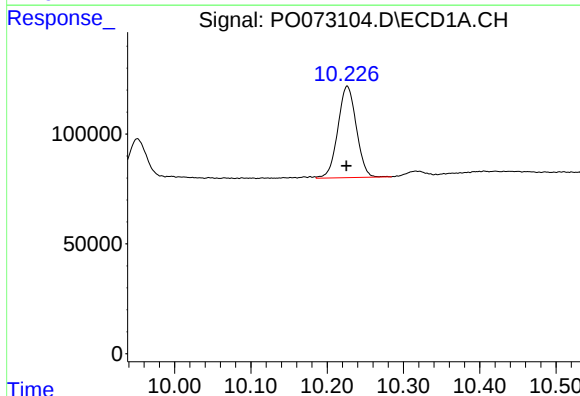
R.T.: 9.787 min
Delta R.T.: 0.000 min
Response: 104492
Conc: 18.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



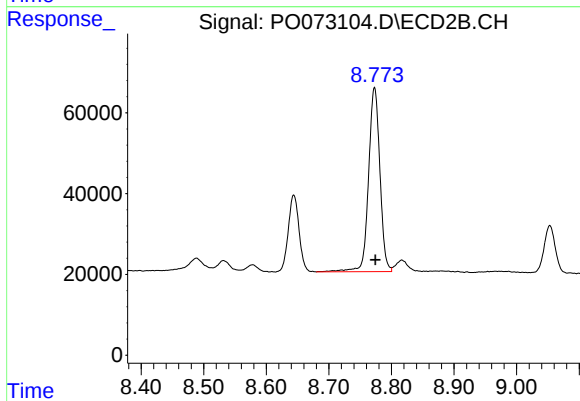
#43 AR-1268-3

R.T.: 8.488 min
Delta R.T.: -0.002 min
Response: 58830
Conc: 13.35 ng/ml



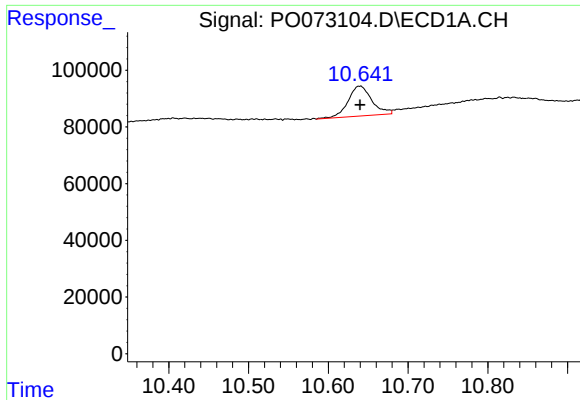
#44 AR-1268-4

R.T.: 10.226 min
Delta R.T.: 0.001 min
Response: 699512
Conc: 301.64 ng/ml



#44 AR-1268-4

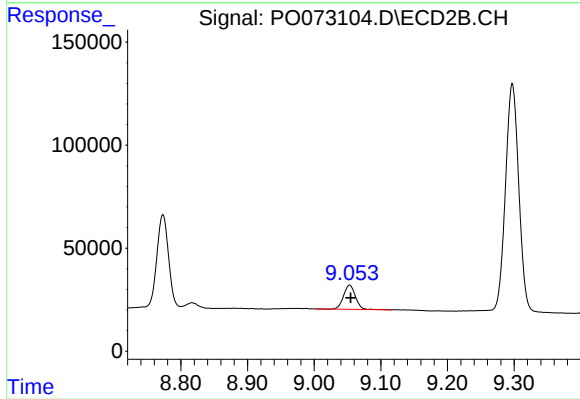
R.T.: 8.773 min
Delta R.T.: -0.001 min
Response: 574603
Conc: 298.41 ng/ml



#45 AR-1268-5

R.T.: 10.640 min
Delta R.T.: 0.000 min
Response: 218890
Conc: 13.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.053 min
Delta R.T.: -0.002 min
Response: 146173
Conc: 11.23 ng/ml