

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022421\
 Data File : P0075700.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Feb 2021 9:52
 Operator : AJ/MA
 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 24 15:32:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022221.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 23 07:07:50 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...	4.942	3.962	3431268	2202608	52.092	53.187
2)	SA Decachlor...	10.988	9.247	2626983	2220519	44.697	45.662
Target Compounds							
3)	L1 AR-1016-1	6.261	5.214	1186541	833086	488.293	491.574
4)	L1 AR-1016-2	6.285	5.234	1676710	1163452	498.356	492.400
5)	L1 AR-1016-3	6.351	5.424	1061559	622765	506.756	495.572
6)	L1 AR-1016-4	6.458	5.477	881406	535481	511.332	509.413
7)	L1 AR-1016-5	6.773	5.704	905529	632861	513.924	484.312
8)	L2 AR-1221-1	5.187	4.217	129648	80361	164.708	152.232
9)	L2 AR-1221-2	5.291	4.316	195164	116606	327.508	296.327
10)	L2 AR-1221-3	5.377	4.405	649503	431891	366.530	360.613
11)	L3 AR-1232-1	5.377	4.405	649503	431891	441.318	438.113
12)	L3 AR-1232-2	5.966	5.234	893920	1163452	1148.548	1116.740
13)	L3 AR-1232-3	6.285	5.424	1676710	622765	1135.972	1117.173
14)	L3 AR-1232-4	6.458	5.521	881406	629516	1177.298	1280.770
15)	L3 AR-1232-5	6.556	5.704	740290	632861	1405.509	1174.276
16)	L4 AR-1242-1	6.261	5.214	1186541	833086	599.330	606.380
17)	L4 AR-1242-2	6.285	5.234	1676710	1163452	609.134	609.984
18)	L4 AR-1242-3	6.351	5.424	1061559	622765	607.471	613.762
19)	L4 AR-1242-4	6.458	5.521	881406	629516	620.135	631.930
20)	L4 AR-1242-5	7.242	6.083	411302	537456	263.165	405.868 #
21)	L5 AR-1248-1	6.261	5.214	1186541	833086	784.504	813.983
22)	L5 AR-1248-2	6.556	5.477	740290	535481	370.724	370.488
23)	L5 AR-1248-3	6.773	5.521	905529	629516	386.683	428.385
24)	L5 AR-1248-4	7.202	5.704	322041	632861	119.364	361.609 #
25)	L5 AR-1248-5	7.242	6.125	411302	121723	154.827	65.765 #
26)	L6 AR-1254-1	7.172	6.083	755342	537456	287.821	197.503 #
27)	L6 AR-1254-2	7.401	6.242	754501	483004	184.602	202.082
28)	L6 AR-1254-3	7.785	6.681	586583	1045759	132.403	267.555 #
29)	L6 AR-1254-4	8.080	6.900	562198	189256	172.701	72.814 #
30)	L6 AR-1254-5	8.511	7.328	2027717	1639434	579.275	461.554
31)	L7 AR-1260-1	7.952	6.798	1675903	1292155	556.536	524.759
32)	L7 AR-1260-2	8.219	6.996	1829046	1490979	512.274	483.612
33)	L7 AR-1260-3	8.586	7.150	1385088	1351298	505.150	479.304
34)	L7 AR-1260-4	8.819	7.633	1576555	1155407	483.448	477.145
35)	L7 AR-1260-5	9.148	7.880	2798839	2772507	443.372	470.239
36)	L8 AR-1262-1	8.586	7.328	1385088	1639434	347.068	803.811 #
37)	L8 AR-1262-2	9.148	7.880	2798839	2772507	395.642	413.610
38)	L8 AR-1262-3	9.482f	8.167	1867131	681715	384.622	244.412 #
39)	L8 AR-1262-4	9.537f	8.229	1177601	2042876	324.872	404.444
40)	L8 AR-1262-5	10.231	8.726	862569	795328	330.339	331.827
41)	L9 AR-1268-1	9.482f	8.167	1867131	681715	232.572	88.389 #

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 Data File : P0075700.D
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 Acq On : 24 Feb 2021 9:52
 Operator : AJ/MA
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 ALS Vial : 3 Sample Multiplier: 1

Instrument :
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 ClientSampleId :

Integration File signal 1: autoint1.e
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 Response via : Initial Calibration
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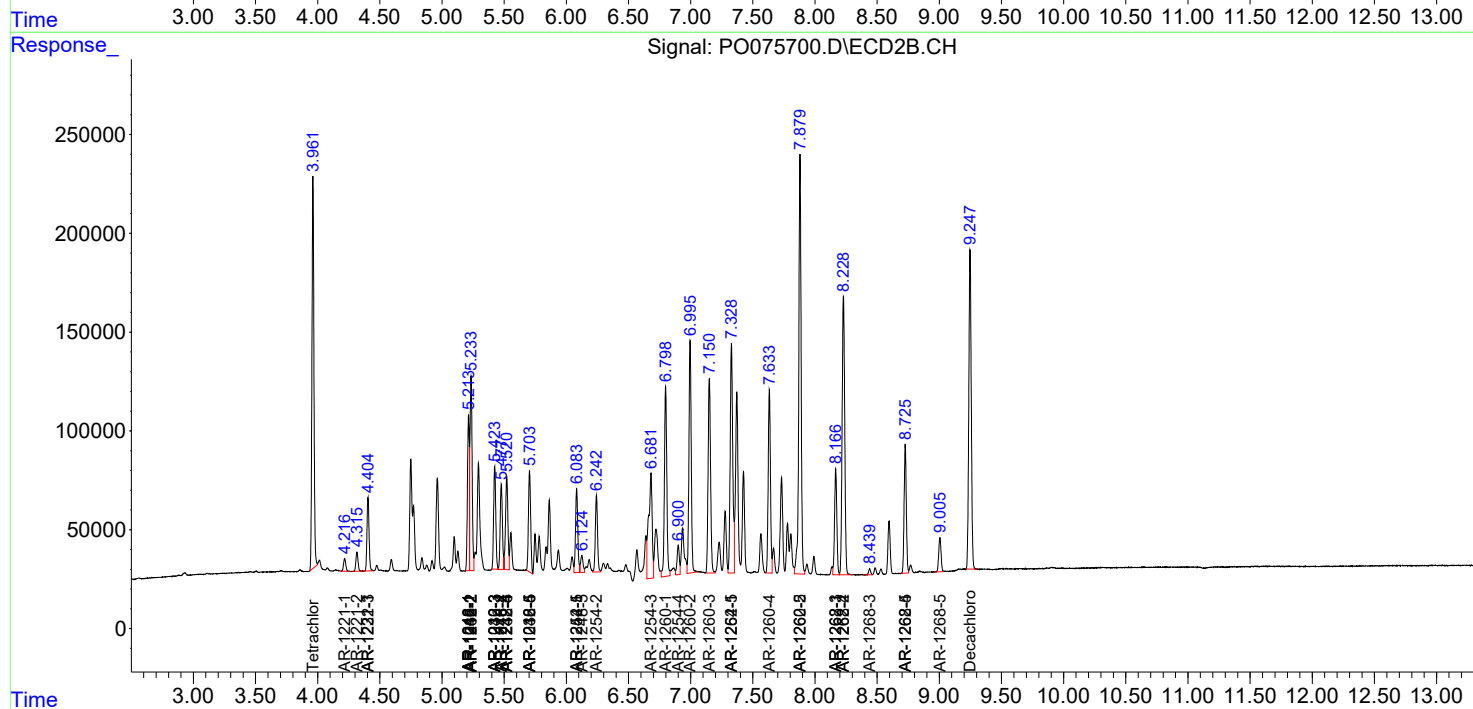
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

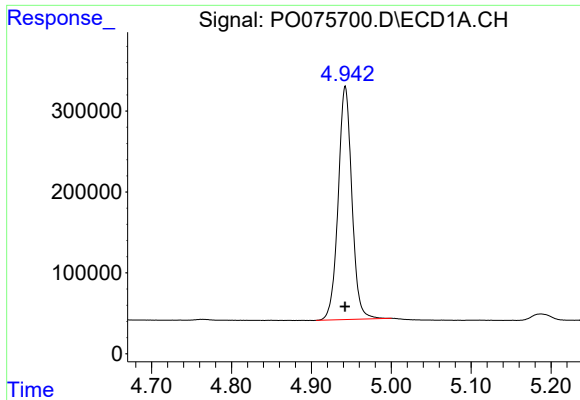
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.537f	8.229	1177601	2042876	160.768	291.224 #
43) L9	AR-1268-3	9.785	8.440	39322	34702	6.324	5.760
44) L9	AR-1268-4	10.231	8.726	862569	795328	301.215	301.035
45) L9	AR-1268-5	10.648	9.005	241651	228216	11.749	12.031

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

Instrument :
ECD_O
ClientSampleId :

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

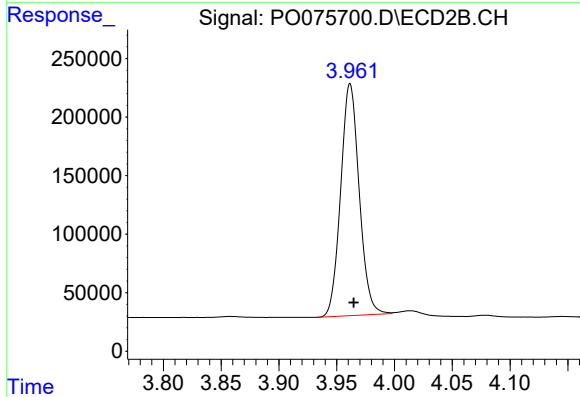




#1 Tetrachloro-m-xylene

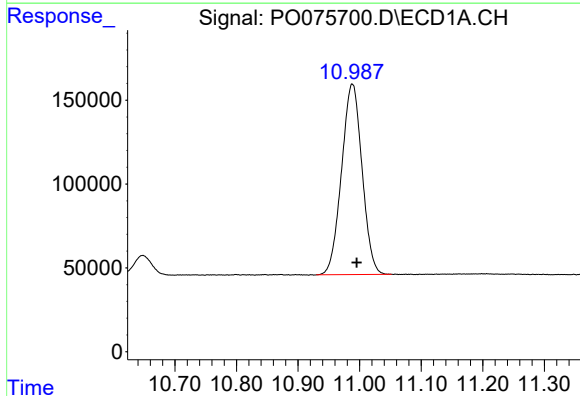
R.T.: 4.942 min
Delta R.T.: 0.000 min
Response: 3431268
Conc: 52.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



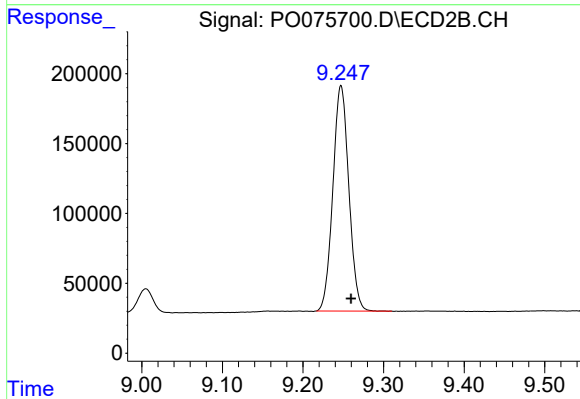
#1 Tetrachloro-m-xylene

R.T.: 3.962 min
Delta R.T.: -0.003 min
Response: 2202608
Conc: 53.19 ng/ml



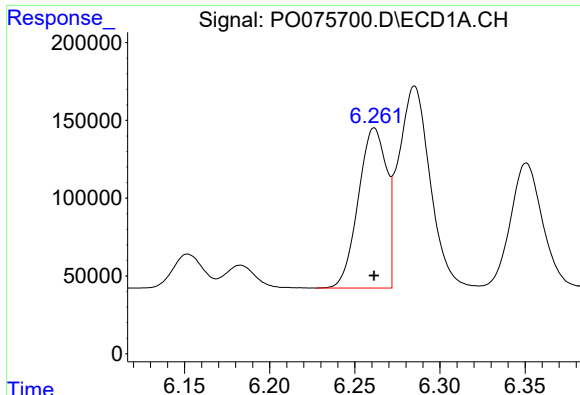
#2 Decachlorobiphenyl

R.T.: 10.988 min
Delta R.T.: -0.007 min
Response: 2626983
Conc: 44.70 ng/ml



#2 Decachlorobiphenyl

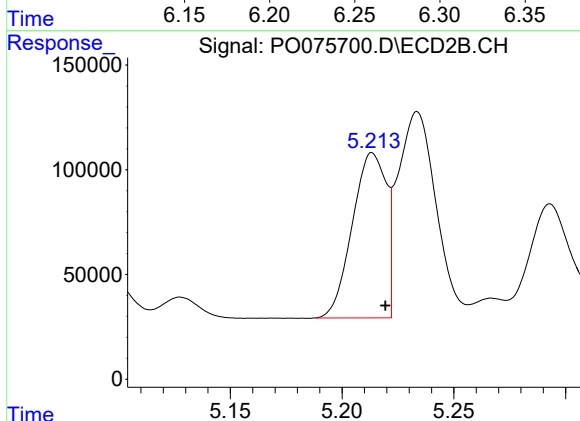
R.T.: 9.247 min
Delta R.T.: -0.012 min
Response: 2220519
Conc: 45.66 ng/ml



#3 AR-1016-1

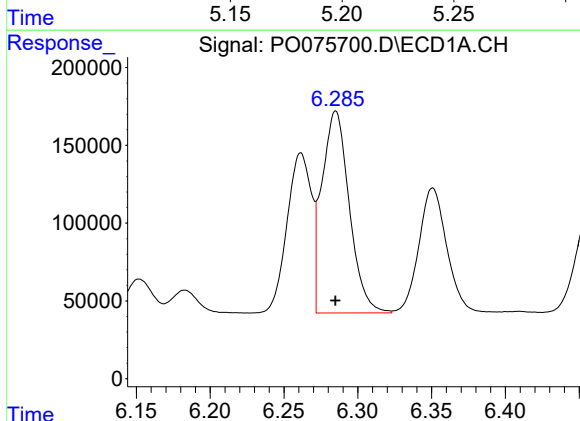
R.T.: 6.261 min
Delta R.T.: 0.000 min
Response: 1186541
Conc: 488.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



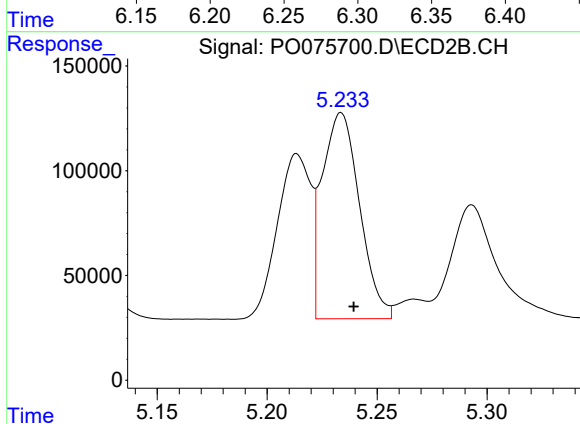
#3 AR-1016-1

R.T.: 5.214 min
Delta R.T.: -0.006 min
Response: 833086
Conc: 491.57 ng/ml



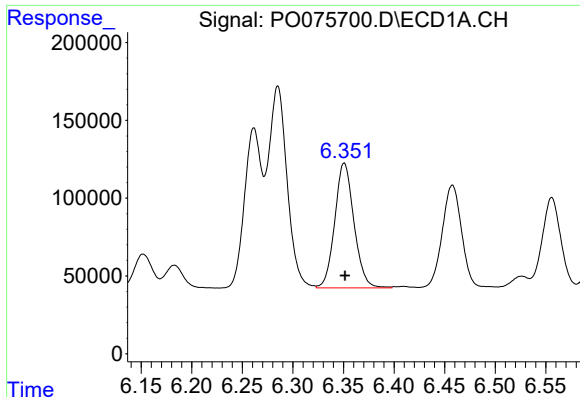
#4 AR-1016-2

R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 1676710
Conc: 498.36 ng/ml



#4 AR-1016-2

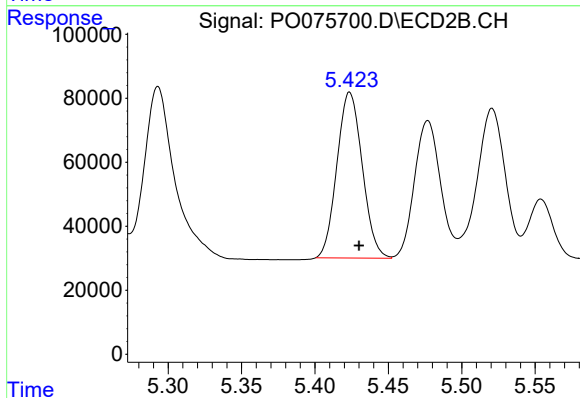
R.T.: 5.234 min
Delta R.T.: -0.006 min
Response: 1163452
Conc: 492.40 ng/ml



#5 AR-1016-3

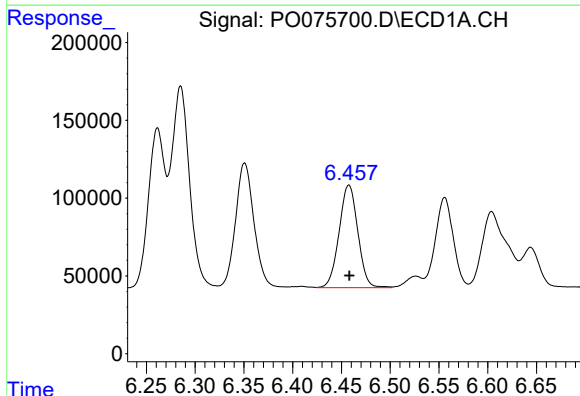
R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 1061559
Conc: 506.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



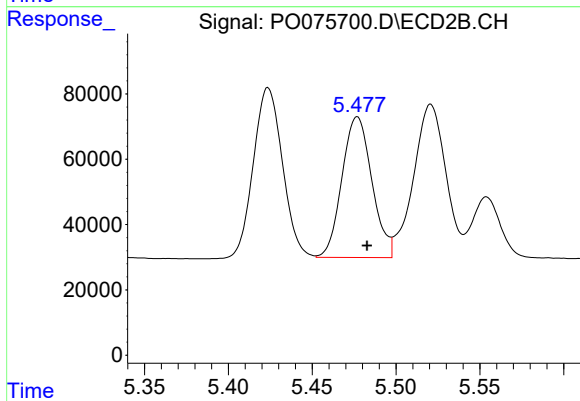
#5 AR-1016-3

R.T.: 5.424 min
Delta R.T.: -0.006 min
Response: 622765
Conc: 495.57 ng/ml



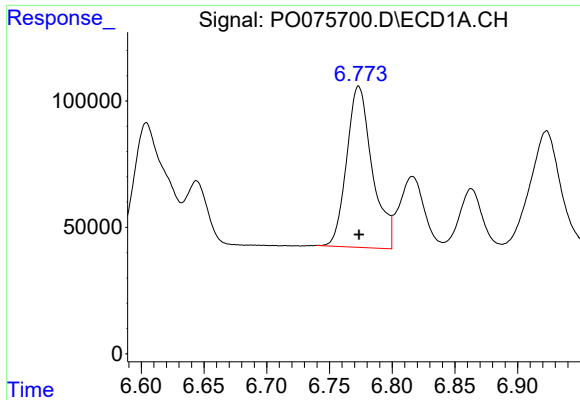
#6 AR-1016-4

R.T.: 6.458 min
Delta R.T.: 0.000 min
Response: 881406
Conc: 511.33 ng/ml



#6 AR-1016-4

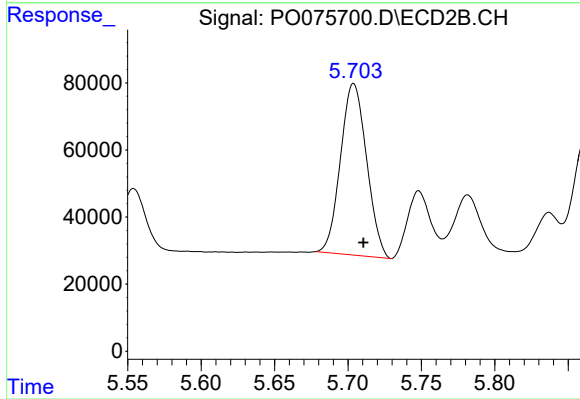
R.T.: 5.477 min
Delta R.T.: -0.006 min
Response: 535481
Conc: 509.41 ng/ml



#7 AR-1016-5

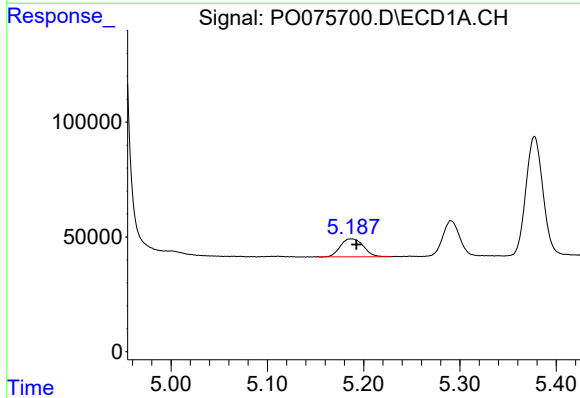
R.T.: 6.773 min
Delta R.T.: 0.000 min
Response: 905529
Conc: 513.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



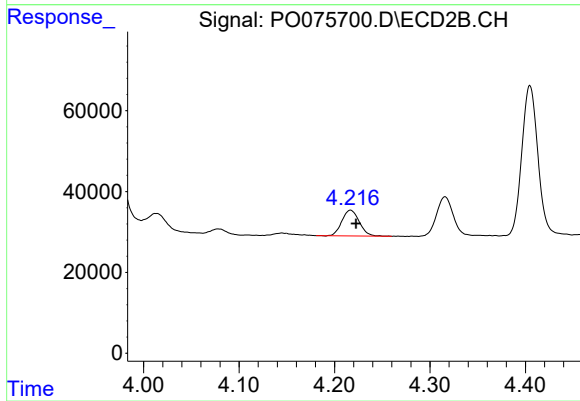
#7 AR-1016-5

R.T.: 5.704 min
Delta R.T.: -0.007 min
Response: 632861
Conc: 484.31 ng/ml



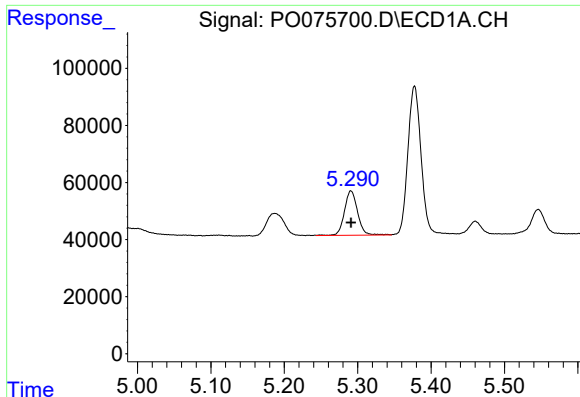
#8 AR-1221-1

R.T.: 5.187 min
Delta R.T.: -0.005 min
Response: 129648
Conc: 164.71 ng/ml



#8 AR-1221-1

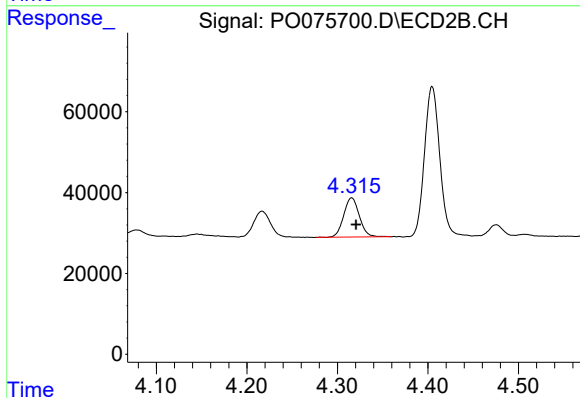
R.T.: 4.217 min
Delta R.T.: -0.006 min
Response: 80361
Conc: 152.23 ng/ml



#9 AR-1221-2

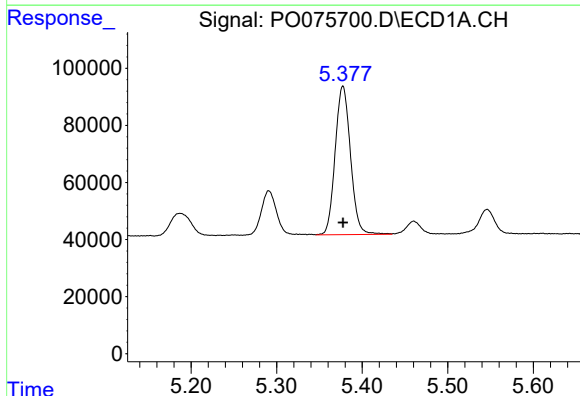
R.T.: 5.291 min
Delta R.T.: 0.000 min
Response: 195164
Conc: 327.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



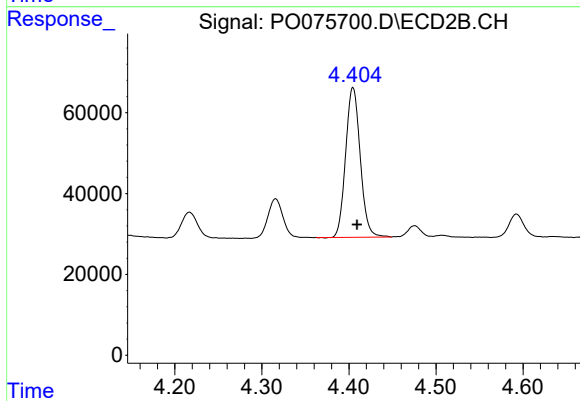
#9 AR-1221-2

R.T.: 4.316 min
Delta R.T.: -0.005 min
Response: 116606
Conc: 296.33 ng/ml



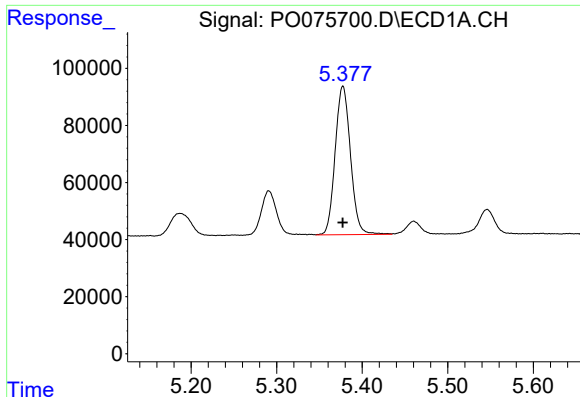
#10 AR-1221-3

R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 649503
Conc: 366.53 ng/ml



#10 AR-1221-3

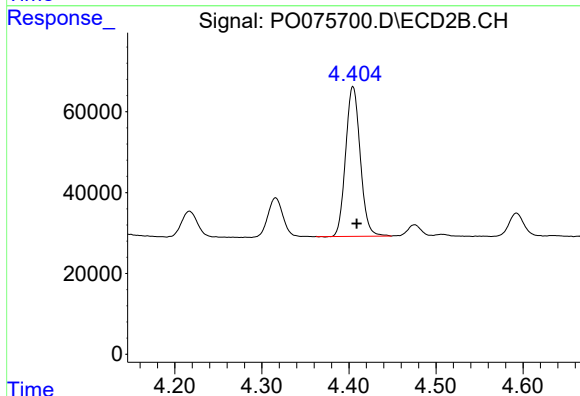
R.T.: 4.405 min
Delta R.T.: -0.005 min
Response: 431891
Conc: 360.61 ng/ml



#11 AR-1232-1

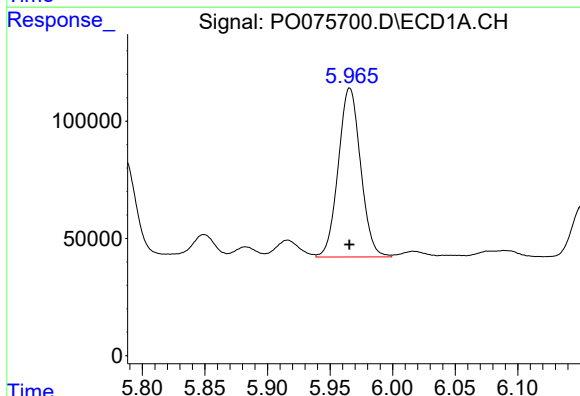
R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 649503
Conc: 441.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



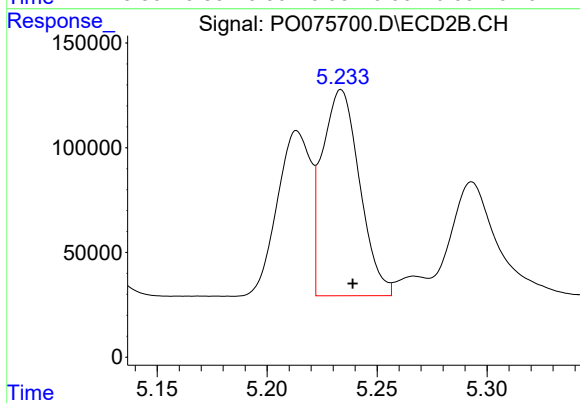
#11 AR-1232-1

R.T.: 4.405 min
Delta R.T.: -0.004 min
Response: 431891
Conc: 438.11 ng/ml



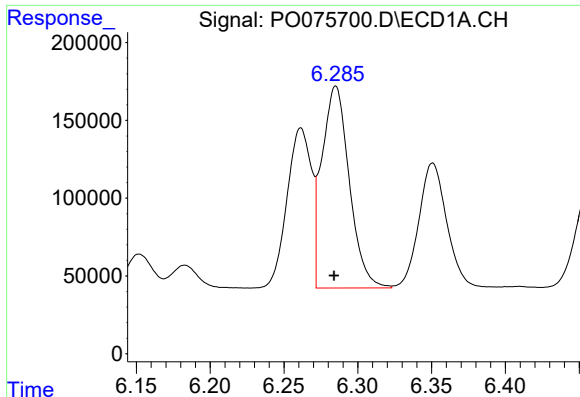
#12 AR-1232-2

R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 893920
Conc: 1148.55 ng/ml



#12 AR-1232-2

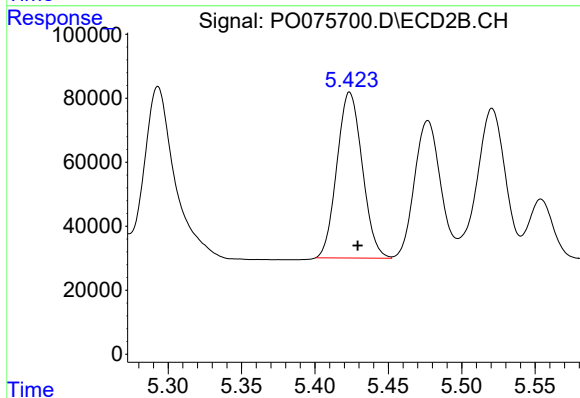
R.T.: 5.234 min
Delta R.T.: -0.005 min
Response: 1163452
Conc: 1116.74 ng/ml



#13 AR-1232-3

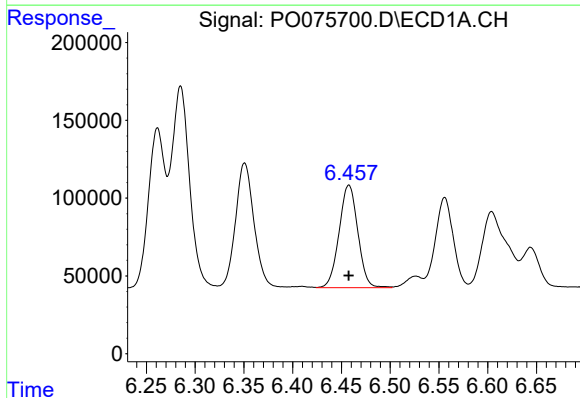
R.T.: 6.285 min
Delta R.T.: 0.001 min
Response: 1676710
Conc: 1135.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



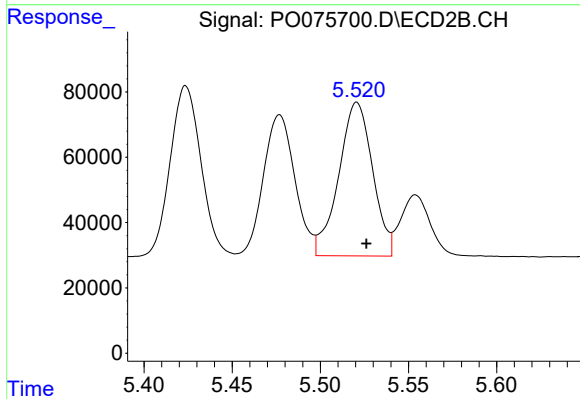
#13 AR-1232-3

R.T.: 5.424 min
Delta R.T.: -0.005 min
Response: 622765
Conc: 1117.17 ng/ml



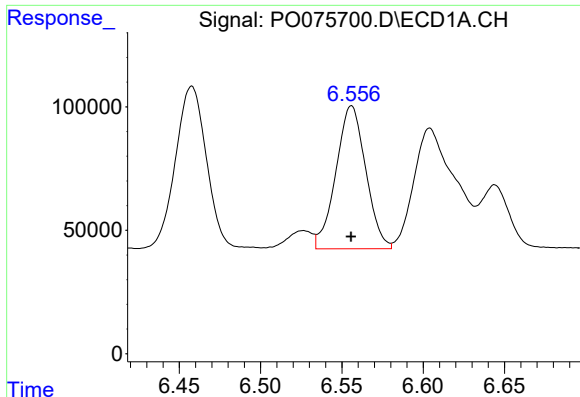
#14 AR-1232-4

R.T.: 6.458 min
Delta R.T.: 0.000 min
Response: 881406
Conc: 1177.30 ng/ml



#14 AR-1232-4

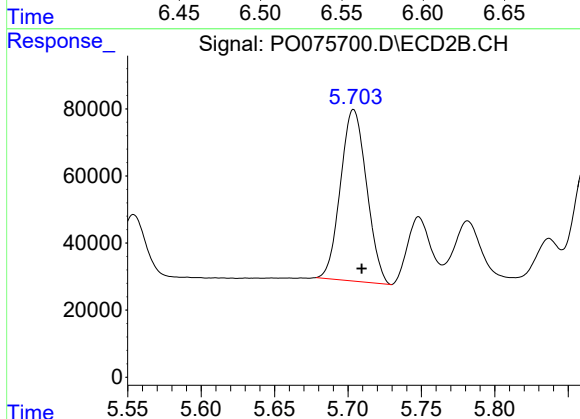
R.T.: 5.521 min
Delta R.T.: -0.006 min
Response: 629516
Conc: 1280.77 ng/ml



#15 AR-1232-5

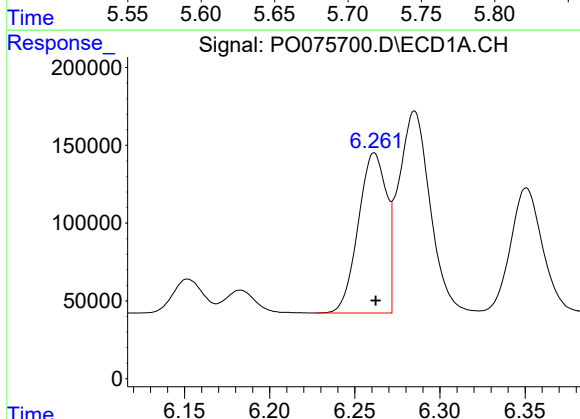
R.T.: 6.556 min
Delta R.T.: 0.000 min
Response: 740290
Conc: 1405.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



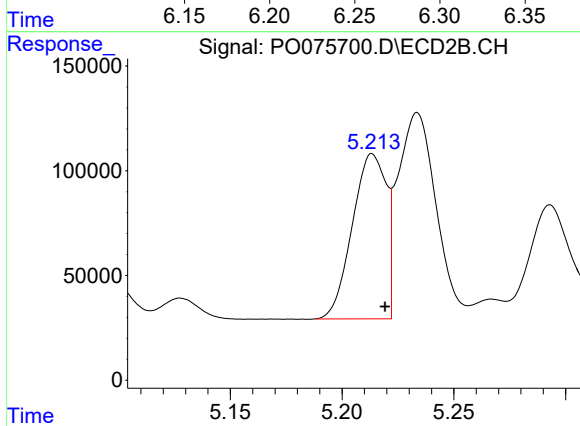
#15 AR-1232-5

R.T.: 5.704 min
Delta R.T.: -0.006 min
Response: 632861
Conc: 1174.28 ng/ml



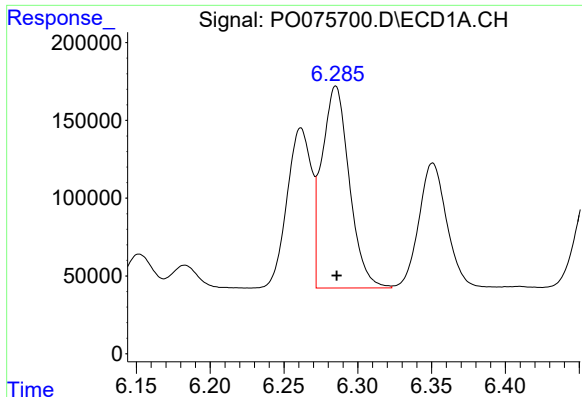
#16 AR-1242-1

R.T.: 6.261 min
Delta R.T.: 0.000 min
Response: 1186541
Conc: 599.33 ng/ml



#16 AR-1242-1

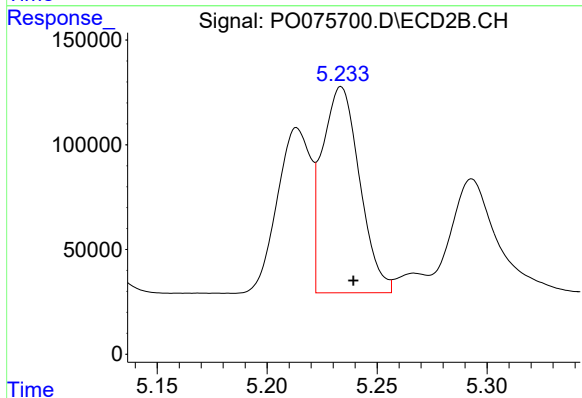
R.T.: 5.214 min
Delta R.T.: -0.006 min
Response: 833086
Conc: 606.38 ng/ml



#17 AR-1242-2

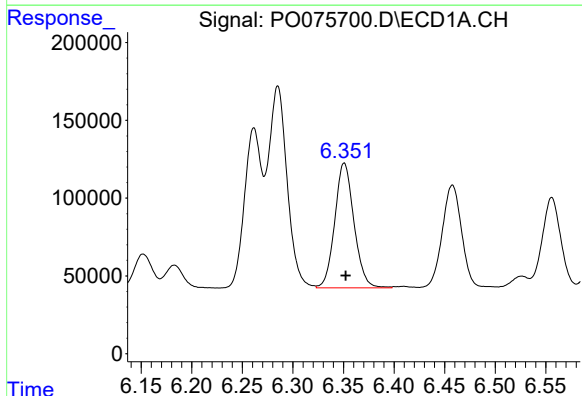
R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 1676710
Conc: 609.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



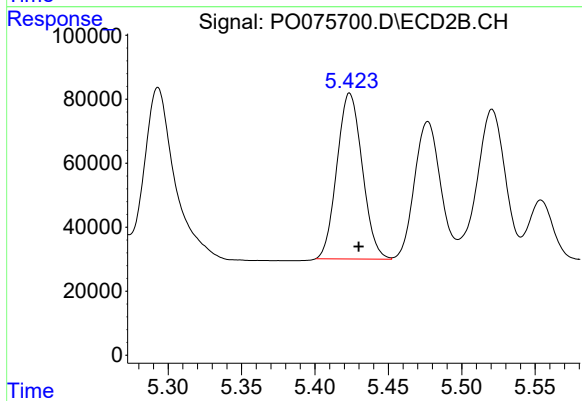
#17 AR-1242-2

R.T.: 5.234 min
Delta R.T.: -0.006 min
Response: 1163452
Conc: 609.98 ng/ml



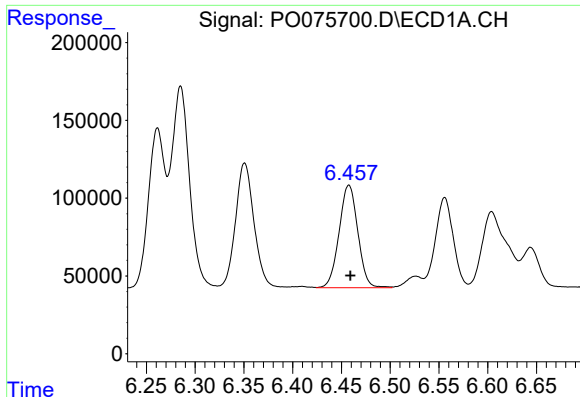
#18 AR-1242-3

R.T.: 6.351 min
Delta R.T.: -0.002 min
Response: 1061559
Conc: 607.47 ng/ml



#18 AR-1242-3

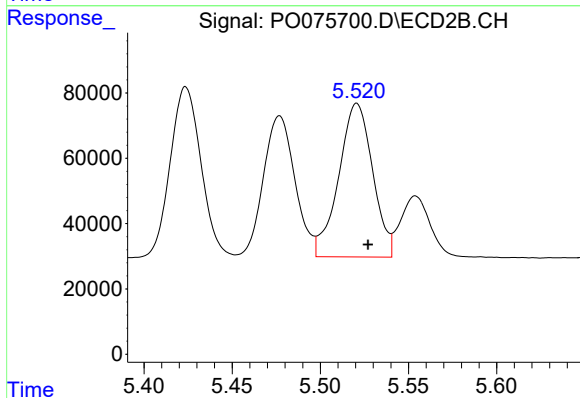
R.T.: 5.424 min
Delta R.T.: -0.006 min
Response: 622765
Conc: 613.76 ng/ml



#19 AR-1242-4

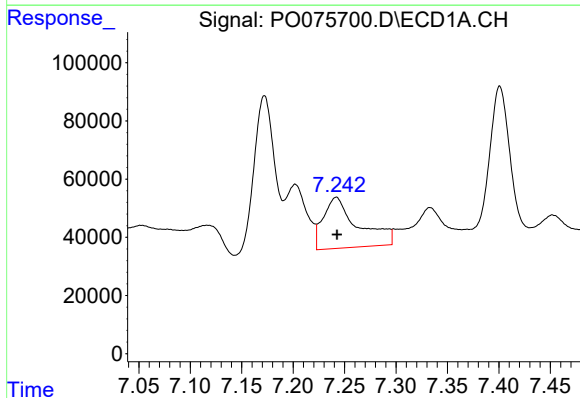
R.T.: 6.458 min
Delta R.T.: -0.001 min
Response: 881406
Conc: 620.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



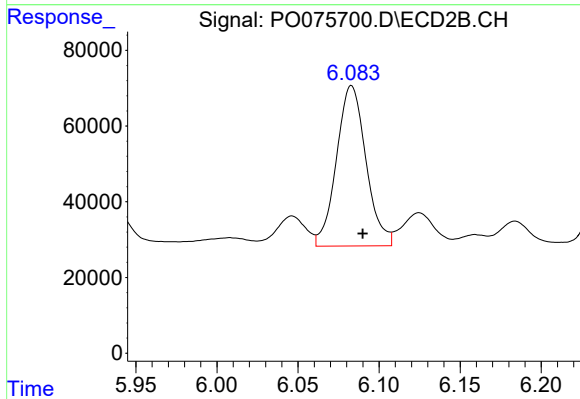
#19 AR-1242-4

R.T.: 5.521 min
Delta R.T.: -0.006 min
Response: 629516
Conc: 631.93 ng/ml



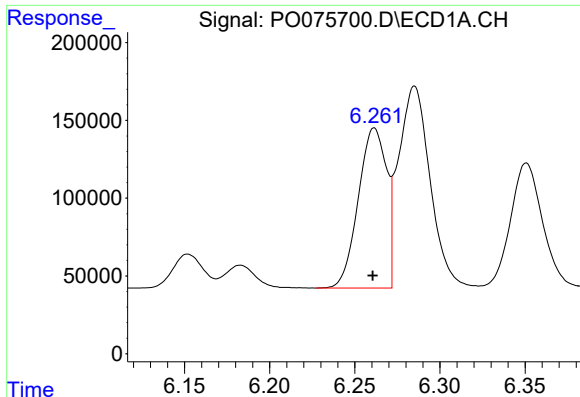
#20 AR-1242-5

R.T.: 7.242 min
Delta R.T.: 0.000 min
Response: 411302
Conc: 263.16 ng/ml



#20 AR-1242-5

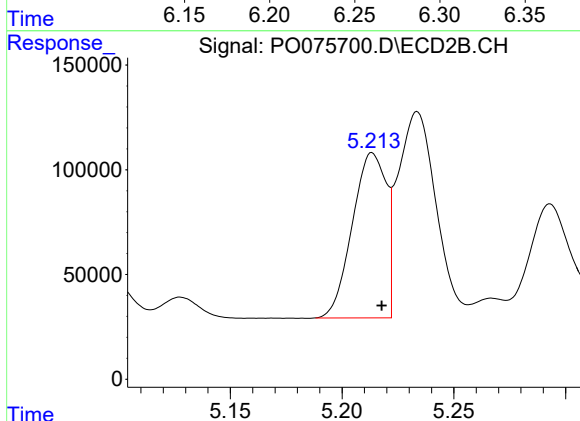
R.T.: 6.083 min
Delta R.T.: -0.007 min
Response: 537456
Conc: 405.87 ng/ml



#21 AR-1248-1

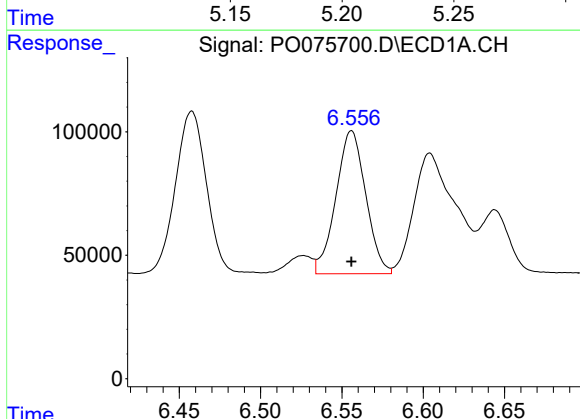
R.T.: 6.261 min
Delta R.T.: 0.000 min
Response: 1186541
Conc: 784.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



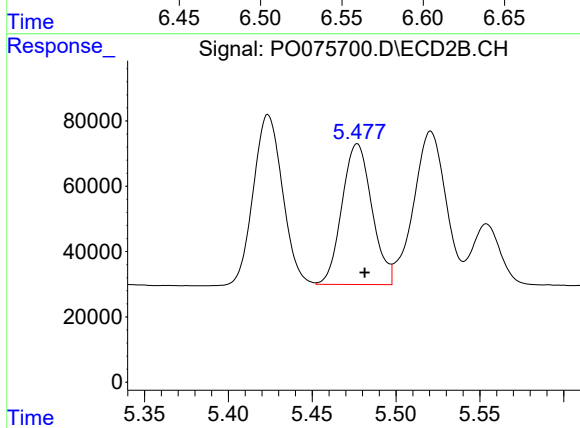
#21 AR-1248-1

R.T.: 5.214 min
Delta R.T.: -0.004 min
Response: 833086
Conc: 813.98 ng/ml



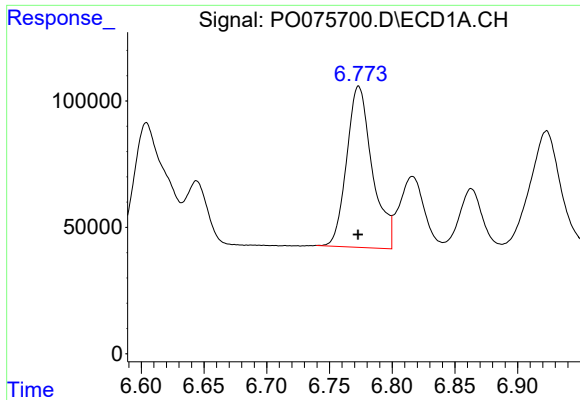
#22 AR-1248-2

R.T.: 6.556 min
Delta R.T.: 0.000 min
Response: 740290
Conc: 370.72 ng/ml



#22 AR-1248-2

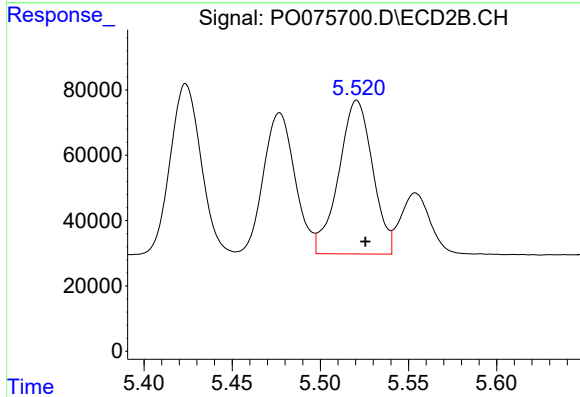
R.T.: 5.477 min
Delta R.T.: -0.004 min
Response: 535481
Conc: 370.49 ng/ml



#23 AR-1248-3

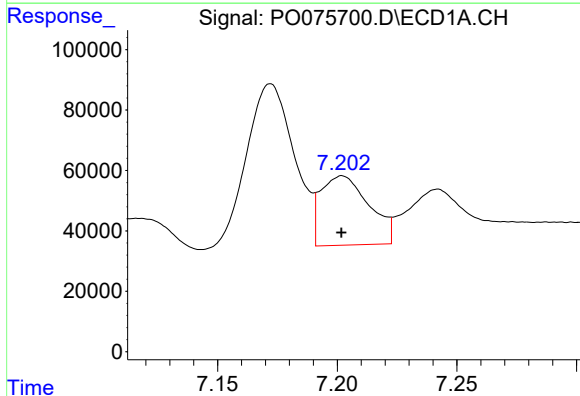
R.T.: 6.773 min
Delta R.T.: 0.000 min
Response: 905529
Conc: 386.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



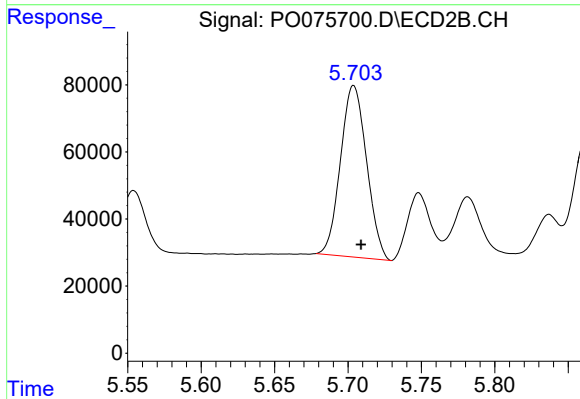
#23 AR-1248-3

R.T.: 5.521 min
Delta R.T.: -0.005 min
Response: 629516
Conc: 428.39 ng/ml



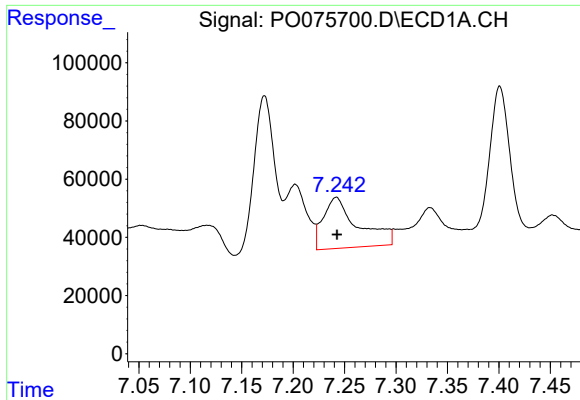
#24 AR-1248-4

R.T.: 7.202 min
Delta R.T.: 0.000 min
Response: 322041
Conc: 119.36 ng/ml



#24 AR-1248-4

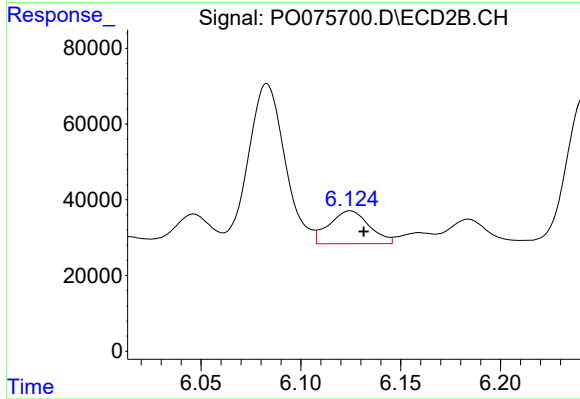
R.T.: 5.704 min
Delta R.T.: -0.005 min
Response: 632861
Conc: 361.61 ng/ml



#25 AR-1248-5

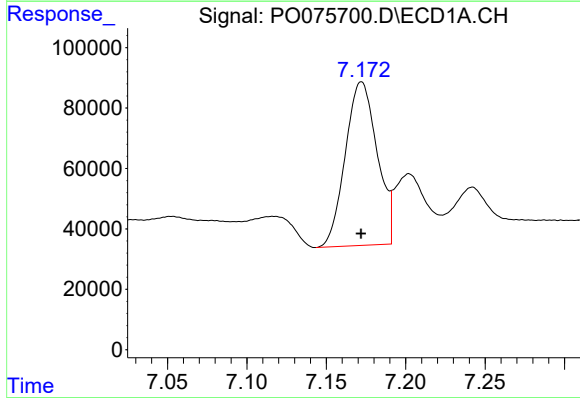
R.T.: 7.242 min
Delta R.T.: 0.000 min
Response: 411302
Conc: 154.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



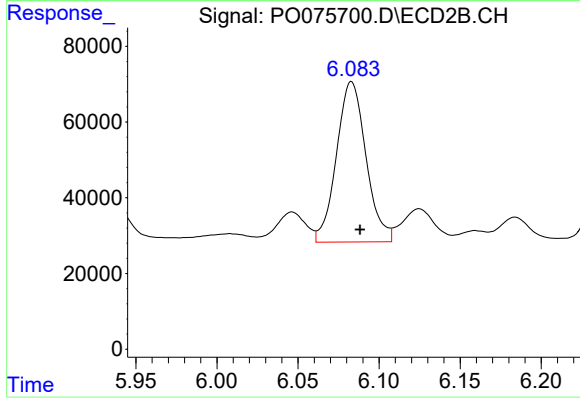
#25 AR-1248-5

R.T.: 6.125 min
Delta R.T.: -0.007 min
Response: 121723
Conc: 65.76 ng/ml



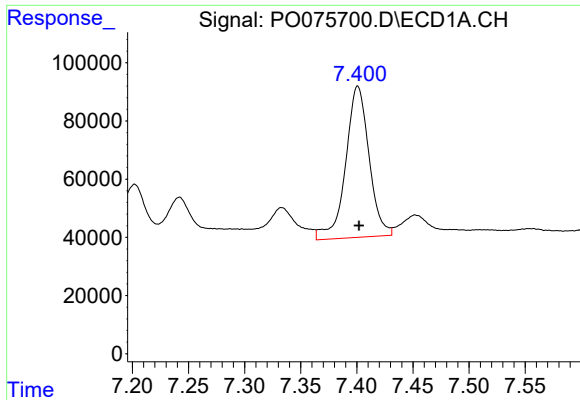
#26 AR-1254-1

R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 755342
Conc: 287.82 ng/ml



#26 AR-1254-1

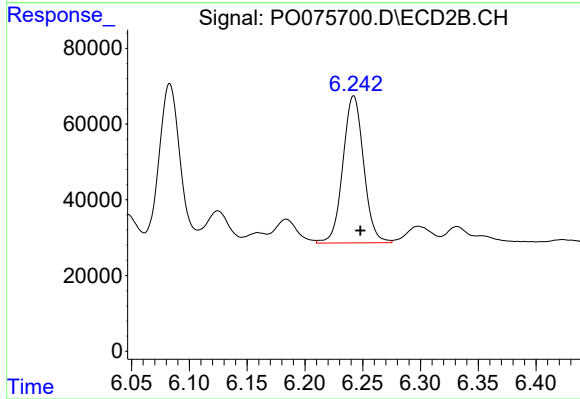
R.T.: 6.083 min
Delta R.T.: -0.005 min
Response: 537456
Conc: 197.50 ng/ml



#27 AR-1254-2

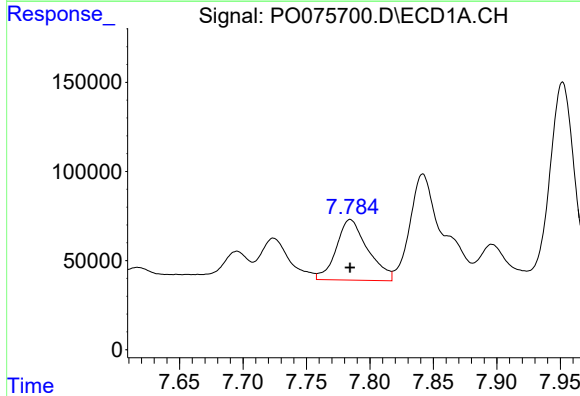
R.T.: 7.401 min
Delta R.T.: -0.001 min
Response: 754501
Conc: 184.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



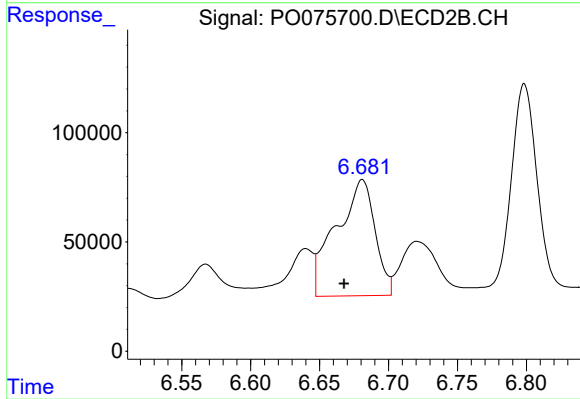
#27 AR-1254-2

R.T.: 6.242 min
Delta R.T.: -0.006 min
Response: 483004
Conc: 202.08 ng/ml



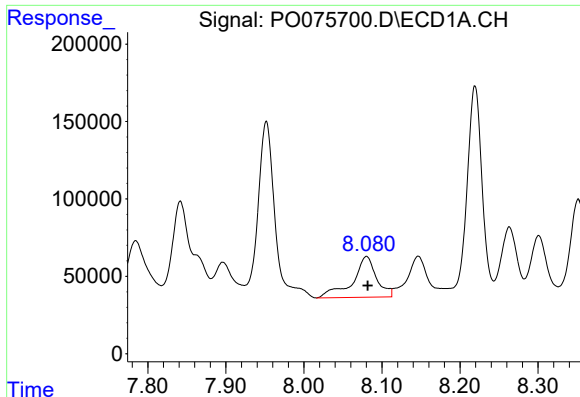
#28 AR-1254-3

R.T.: 7.785 min
Delta R.T.: 0.000 min
Response: 586583
Conc: 132.40 ng/ml



#28 AR-1254-3

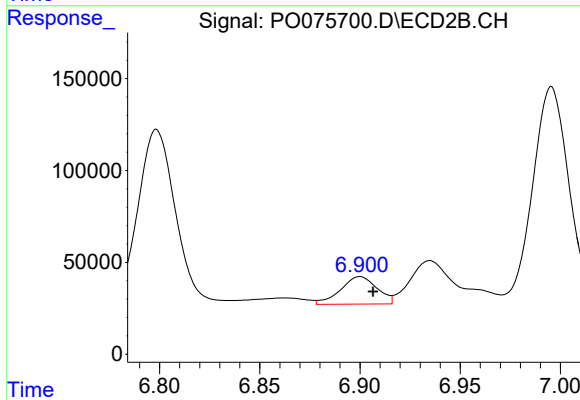
R.T.: 6.681 min
Delta R.T.: 0.013 min
Response: 1045759
Conc: 267.55 ng/ml



#29 AR-1254-4

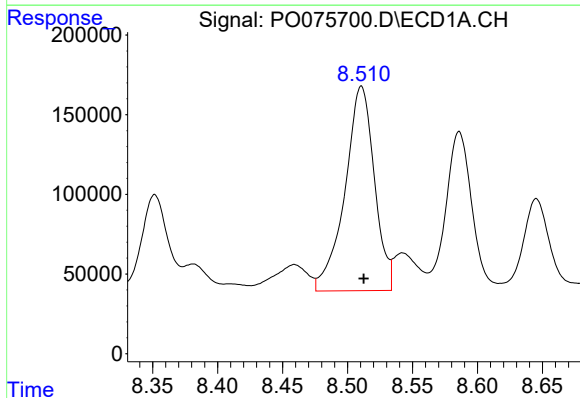
R.T.: 8.080 min
Delta R.T.: -0.002 min
Response: 562198
Conc: 172.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



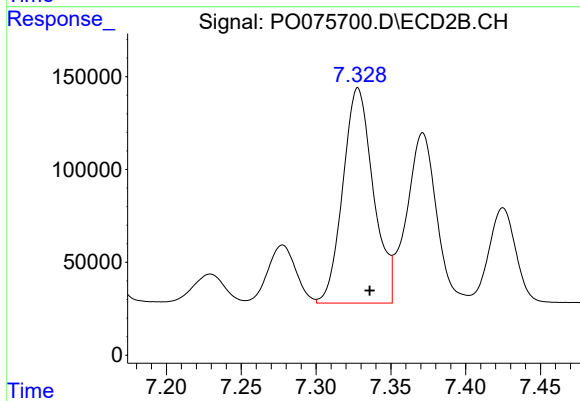
#29 AR-1254-4

R.T.: 6.900 min
Delta R.T.: -0.007 min
Response: 189256
Conc: 72.81 ng/ml



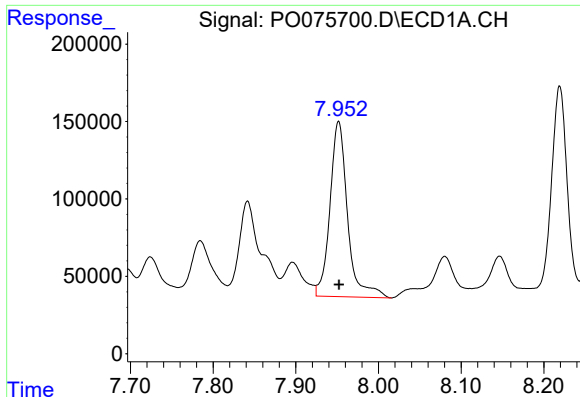
#30 AR-1254-5

R.T.: 8.511 min
Delta R.T.: -0.002 min
Response: 2027717
Conc: 579.28 ng/ml



#30 AR-1254-5

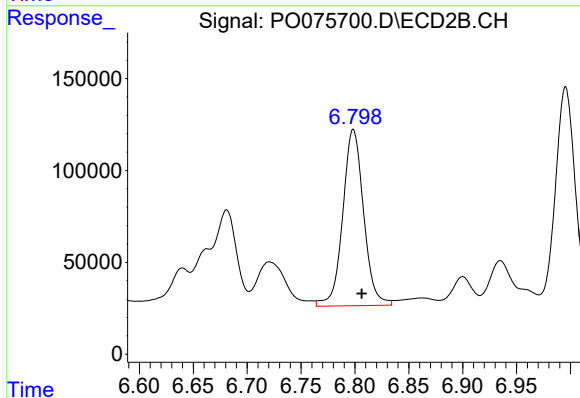
R.T.: 7.328 min
Delta R.T.: -0.008 min
Response: 1639434
Conc: 461.55 ng/ml



#31 AR-1260-1

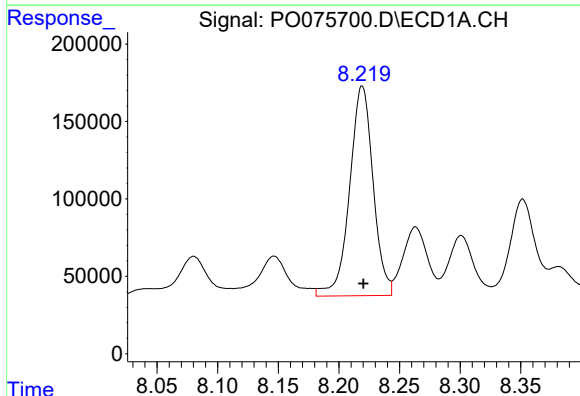
R.T.: 7.952 min
Delta R.T.: 0.000 min
Response: 1675903
Conc: 556.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



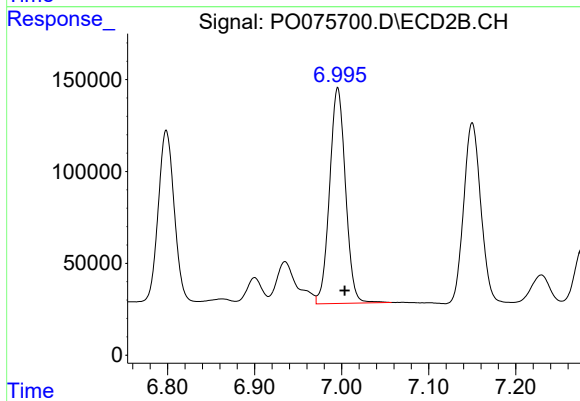
#31 AR-1260-1

R.T.: 6.798 min
Delta R.T.: -0.008 min
Response: 1292155
Conc: 524.76 ng/ml



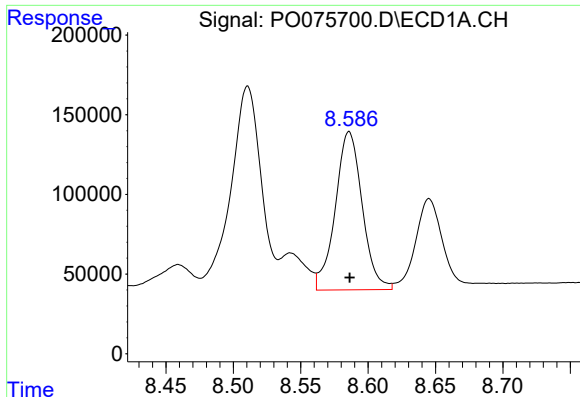
#32 AR-1260-2

R.T.: 8.219 min
Delta R.T.: -0.001 min
Response: 1829046
Conc: 512.27 ng/ml



#32 AR-1260-2

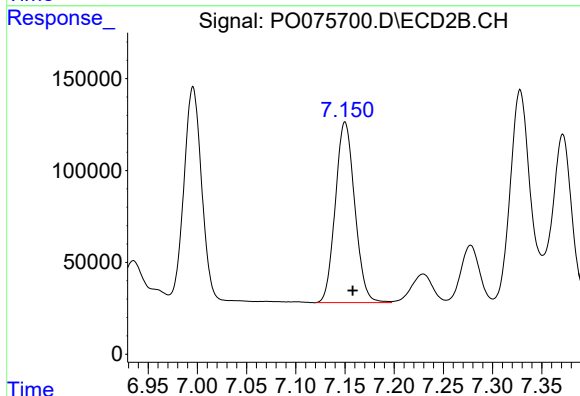
R.T.: 6.996 min
Delta R.T.: -0.008 min
Response: 1490979
Conc: 483.61 ng/ml



#33 AR-1260-3

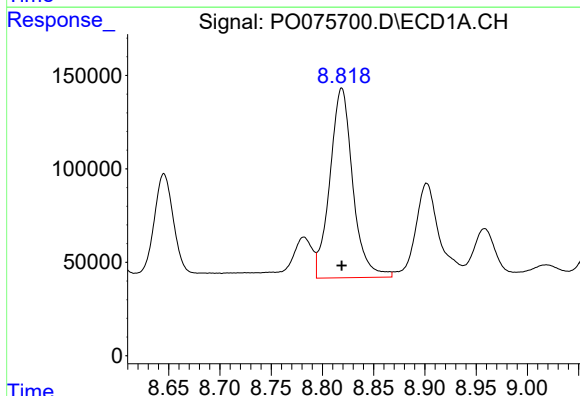
R.T.: 8.586 min
Delta R.T.: 0.000 min
Response: 1385088
Conc: 505.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



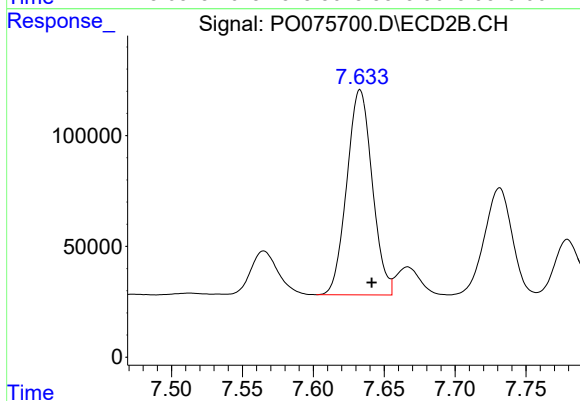
#33 AR-1260-3

R.T.: 7.150 min
Delta R.T.: -0.008 min
Response: 1351298
Conc: 479.30 ng/ml



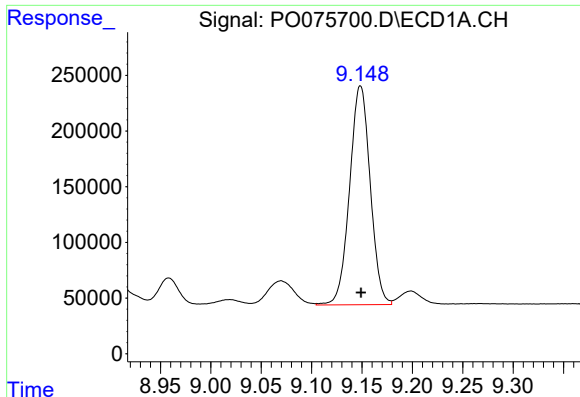
#34 AR-1260-4

R.T.: 8.819 min
Delta R.T.: 0.000 min
Response: 1576555
Conc: 483.45 ng/ml



#34 AR-1260-4

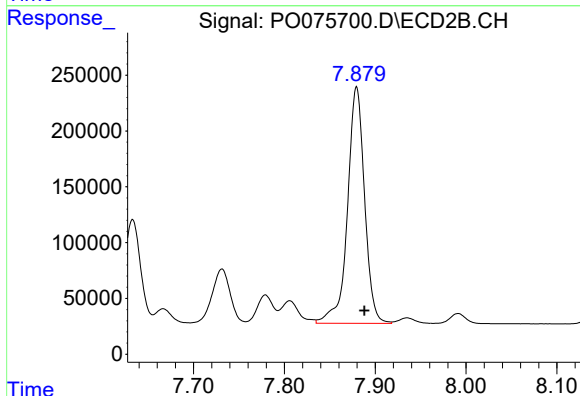
R.T.: 7.633 min
Delta R.T.: -0.008 min
Response: 1155407
Conc: 477.15 ng/ml



#35 AR-1260-5

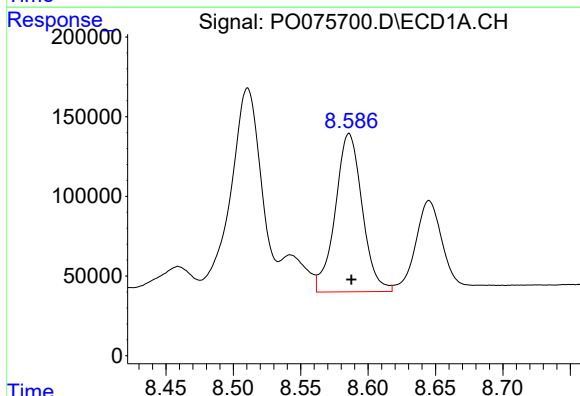
R.T.: 9.148 min
Delta R.T.: 0.000 min
Response: 2798839
Conc: 443.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



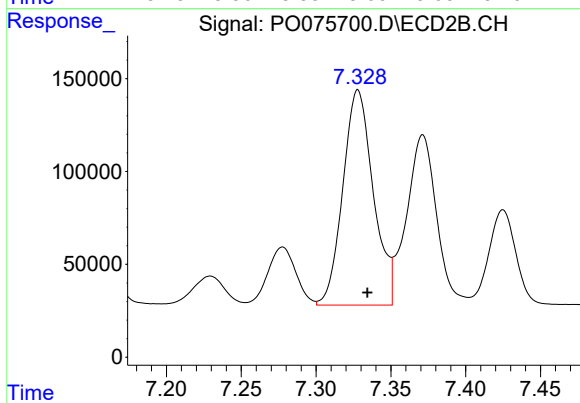
#35 AR-1260-5

R.T.: 7.880 min
Delta R.T.: -0.008 min
Response: 2772507
Conc: 470.24 ng/ml



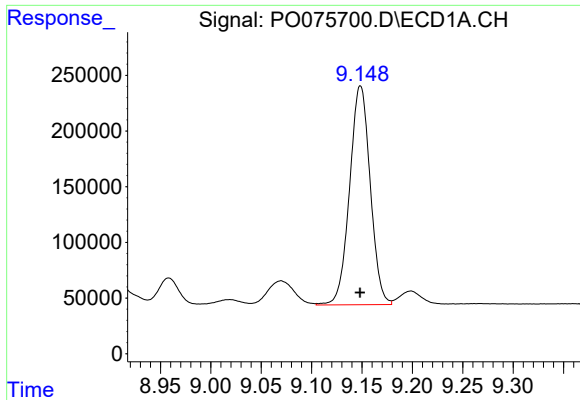
#36 AR-1262-1

R.T.: 8.586 min
Delta R.T.: -0.002 min
Response: 1385088
Conc: 347.07 ng/ml



#36 AR-1262-1

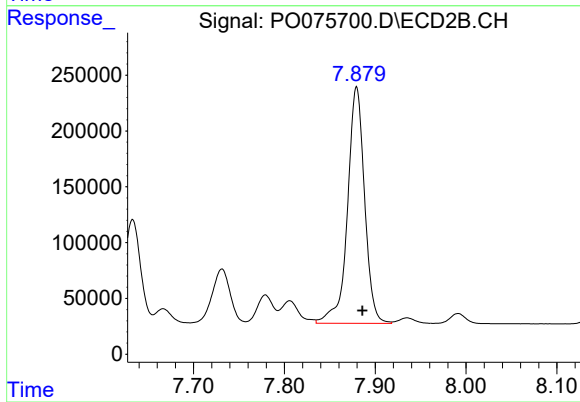
R.T.: 7.328 min
Delta R.T.: -0.006 min
Response: 1639434
Conc: 803.81 ng/ml



#37 AR-1262-2

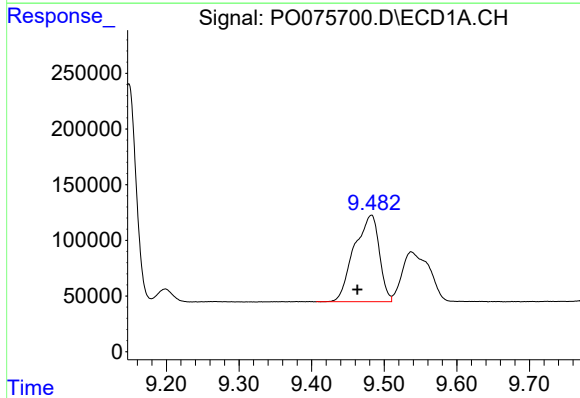
R.T.: 9.148 min
Delta R.T.: 0.000 min
Response: 2798839
Conc: 395.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



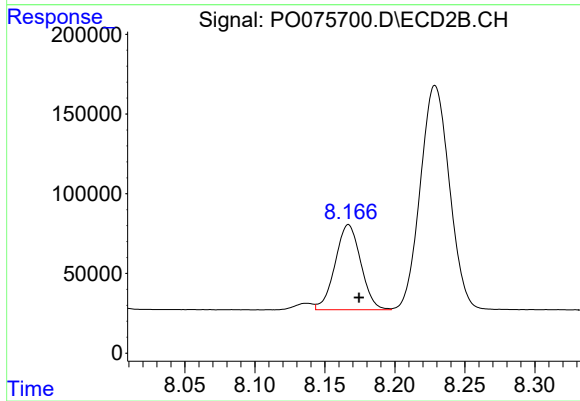
#37 AR-1262-2

R.T.: 7.880 min
Delta R.T.: -0.007 min
Response: 2772507
Conc: 413.61 ng/ml



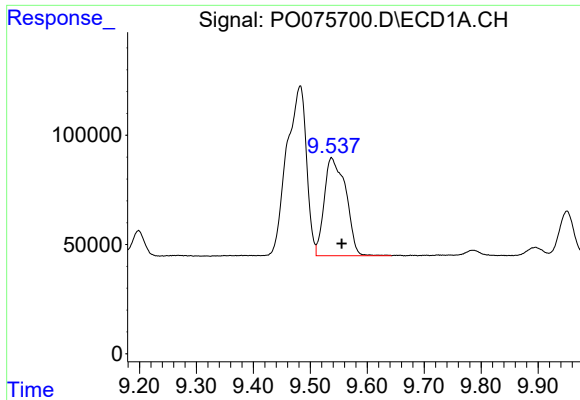
#38 AR-1262-3

R.T.: 9.482 min
Delta R.T.: 0.019 min
Response: 1867131
Conc: 384.62 ng/ml



#38 AR-1262-3

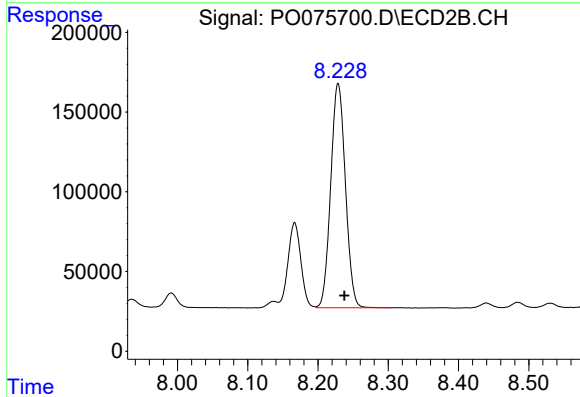
R.T.: 8.167 min
Delta R.T.: -0.008 min
Response: 681715
Conc: 244.41 ng/ml



#39 AR-1262-4

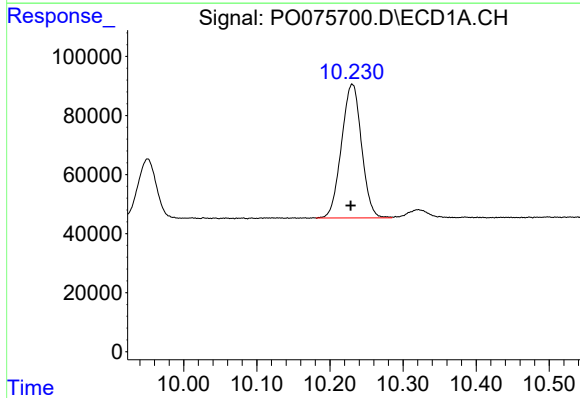
R.T.: 9.537 min
Delta R.T.: -0.018 min
Response: 1177601
Conc: 324.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



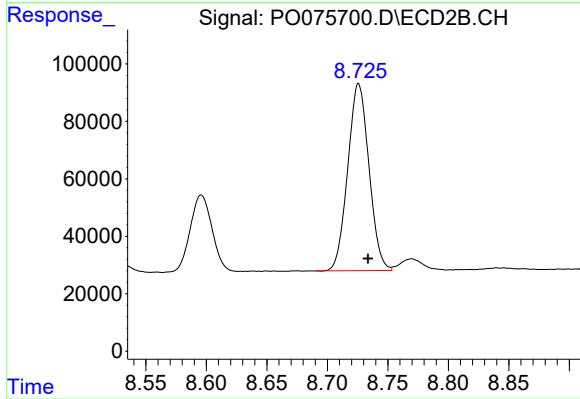
#39 AR-1262-4

R.T.: 8.229 min
Delta R.T.: -0.009 min
Response: 2042876
Conc: 404.44 ng/ml



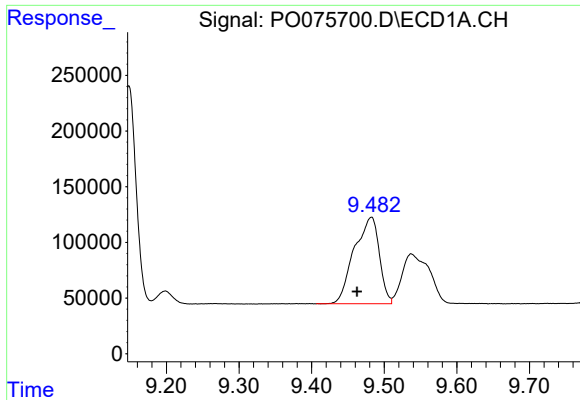
#40 AR-1262-5

R.T.: 10.231 min
Delta R.T.: 0.002 min
Response: 862569
Conc: 330.34 ng/ml



#40 AR-1262-5

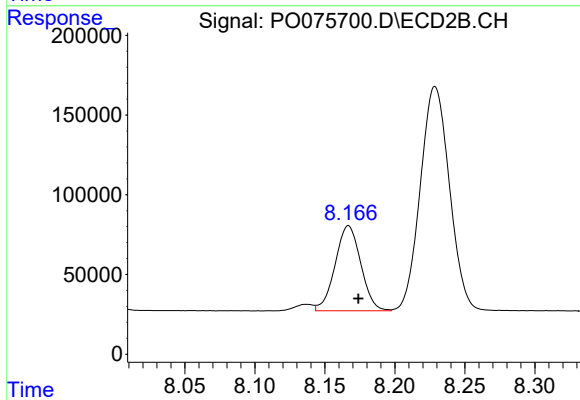
R.T.: 8.726 min
Delta R.T.: -0.008 min
Response: 795328
Conc: 331.83 ng/ml



#41 AR-1268-1

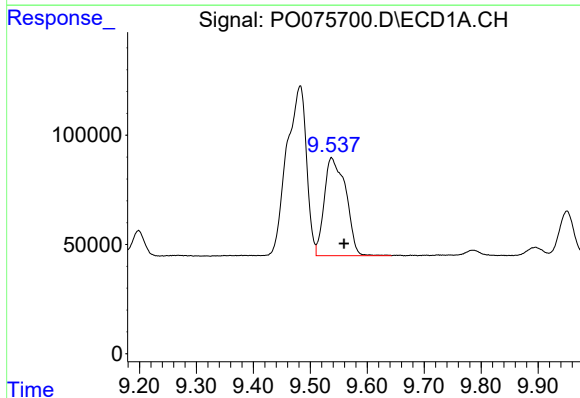
R.T.: 9.482 min
Delta R.T.: 0.020 min
Response: 1867131
Conc: 232.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



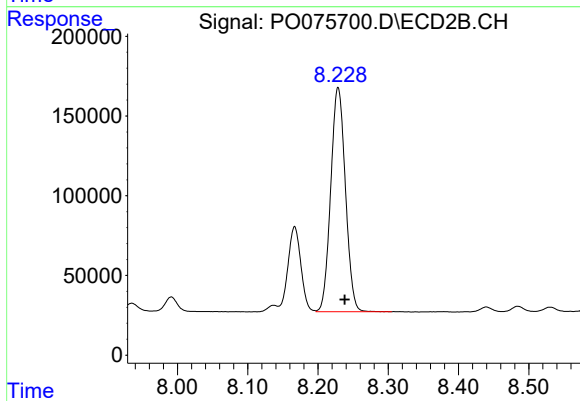
#41 AR-1268-1

R.T.: 8.167 min
Delta R.T.: -0.007 min
Response: 681715
Conc: 88.39 ng/ml



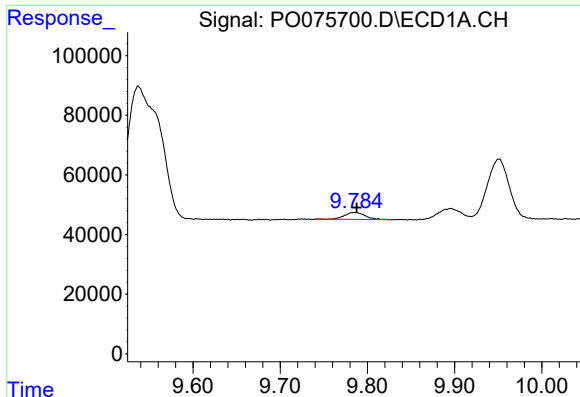
#42 AR-1268-2

R.T.: 9.537 min
Delta R.T.: -0.022 min
Response: 1177601
Conc: 160.77 ng/ml



#42 AR-1268-2

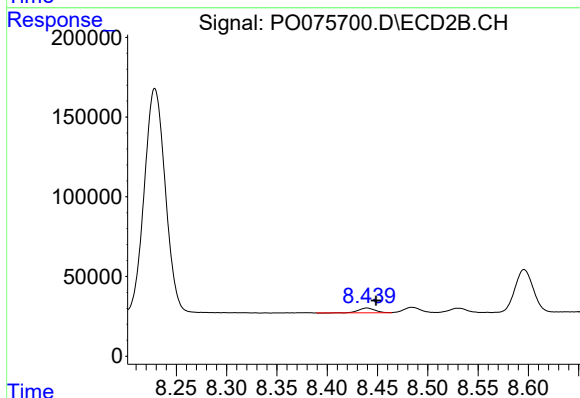
R.T.: 8.229 min
Delta R.T.: -0.010 min
Response: 2042876
Conc: 291.22 ng/ml



#43 AR-1268-3

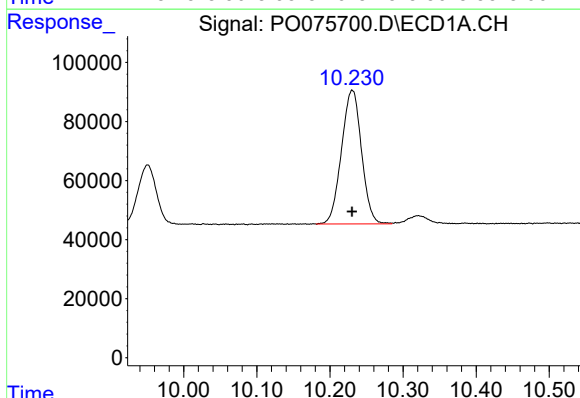
R.T.: 9.785 min
Delta R.T.: -0.002 min
Response: 39322
Conc: 6.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



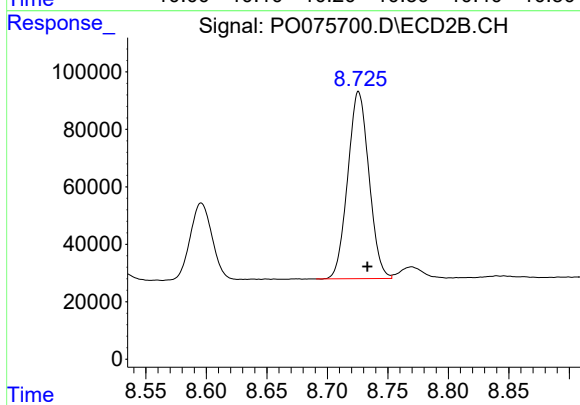
#43 AR-1268-3

R.T.: 8.440 min
Delta R.T.: -0.009 min
Response: 34702
Conc: 5.76 ng/ml



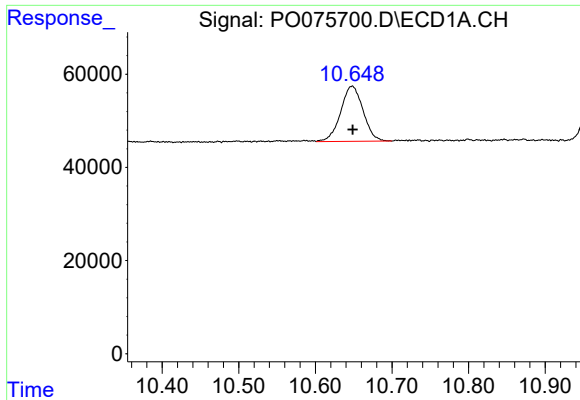
#44 AR-1268-4

R.T.: 10.231 min
Delta R.T.: 0.000 min
Response: 862569
Conc: 301.21 ng/ml



#44 AR-1268-4

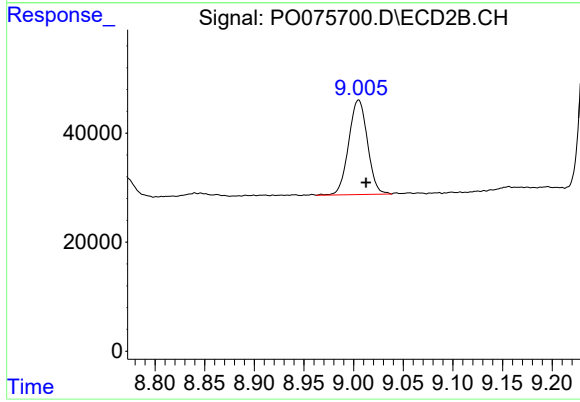
R.T.: 8.726 min
Delta R.T.: -0.007 min
Response: 795328
Conc: 301.03 ng/ml



#45 AR-1268-5

R.T.: 10.648 min
Delta R.T.: 0.000 min
Response: 241651
Conc: 11.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.005 min
Delta R.T.: -0.007 min
Response: 228216
Conc: 12.03 ng/ml