

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO101019\
 Data File : PO061881.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 10 Oct 2019 21:18
 Operator : HP/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: Oct 11 03:22:12 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 10 11:46:12 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...	4.351	3.512	2434446	1580007	59.356	48.857
2)	SA Decachlor...	10.009	8.445	2379982	-2985	51.104	N.D. #
Target Compounds							
3)	L1 AR-1016-1	5.538	4.579	1369046	925866	746.583	688.549
4)	L1 AR-1016-2	5.600	4.609	831797	86860	321.801	46.866 #
5)	L1 AR-1016-3	5.600	4.791	831797	453601	517.789	452.822
6)	L1 AR-1016-4	5.698	4.831	726204	570782	543.182	658.673
7)	L1 AR-1016-5	6.032	5.035	309912	267720	225.978	234.546
8)	L2 AR-1221-1	4.555	3.719	73802	68894	159.646	173.986
9)	L2 AR-1221-2	4.648	3.802	111884	100474	311.637	325.798
10)	L2 AR-1221-3	4.723	3.875	430397	328333	378.031	359.959
11)	L3 AR-1232-1	4.723	3.875	430397	328333	307.777	292.424
12)	L3 AR-1232-2	5.249	4.609	632909	86860	806.707	71.156 #
13)	L3 AR-1232-3	5.538	4.749	1369046	579267	801.230	877.340
14)	L3 AR-1232-4	5.698	4.861	726204	296440	820.768	470.276 #
15)	L3 AR-1232-5	5.787	4.997	655264	586523	945.094	854.803
16)	L4 AR-1242-1	5.538	4.561	1369046	681842	964.006	665.534 #
17)	L4 AR-1242-2	5.538	4.579	1369046	925866	681.173	656.539
18)	L4 AR-1242-3	5.600	4.749	831797	579267	659.175	741.810
19)	L4 AR-1242-4	5.698	4.831	726204	570782	691.117	695.568
20)	L4 AR-1242-5	6.433	5.338	260115	475895	194.480	444.245 #
21)	L5 AR-1248-1	5.538	4.579	1369046	925866	1165.326	1034.700
22)	L5 AR-1248-2	5.832	4.831	677877	570782	401.784	484.426
23)	L5 AR-1248-3	6.032	4.861	309912	296440	165.831	238.818 #
24)	L5 AR-1248-4	6.433	5.035	260115	267720	110.086	178.088 #
25)	L5 AR-1248-5	6.433	5.428	260115	166718	114.718	108.670
26)	L6 AR-1254-1	6.394	5.363	204090	207965	89.458	94.819
27)	L6 AR-1254-2	6.584	5.483	700919	467367	193.995	238.393
28)	L6 AR-1254-3	6.950	5.891	466964	803070	119.509	252.240 #
29)	L6 AR-1254-4	7.235	6.130	376006	289097	124.151	142.493
30)	L6 AR-1254-5	7.652	6.547	1919200	1000318	611.131	353.661 #
31)	L7 AR-1260-1	7.112	6.061	1358974	68442	520.572	33.553 #
32)	L7 AR-1260-2	7.413	6.231	548902	30675	172.178	12.772 #
33)	L7 AR-1260-3	7.785	6.338	753972	1143005	313.911	507.300 #
34)	L7 AR-1260-4	7.953	6.837	1469936	144712	550.116	78.383 #
35)	L7 AR-1260-5	8.317	7.094	241367	72432	48.779	18.603 #
36)	L8 AR-1262-1	7.728	6.599	1335724	563245	348.619	461.435 #
37)	L8 AR-1262-2	8.266	7.041	2641217	1963950	425.448	427.129
38)	L8 AR-1262-3	8.584	7.319	1696112	505999	408.081	268.602 #
39)	L8 AR-1262-4	8.653	7.381	518574	1425717	164.269	424.228 #
40)	L8 AR-1262-5	9.292	7.870	746669	521537	367.161	344.029
41)	L9 AR-1268-1	8.584	7.319	1696112	505999	252.232	104.781 #

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 Operator : HP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

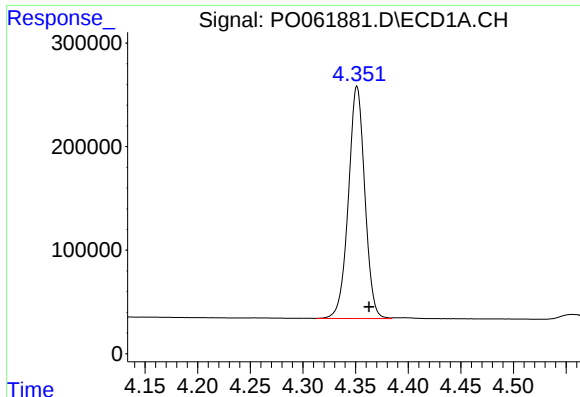
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 03:22:12 2019
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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	8.653	7.381	518574	1425717	83.743	330.806 #
43) L9	AR-1268-3	8.876	7.584	110095	45404	21.537	12.668 #
44) L9	AR-1268-4	9.292	7.913	746669	42653	341.476	26.503 #
45) L9	AR-1268-5	9.688	8.140	197596	153071	13.153	15.222

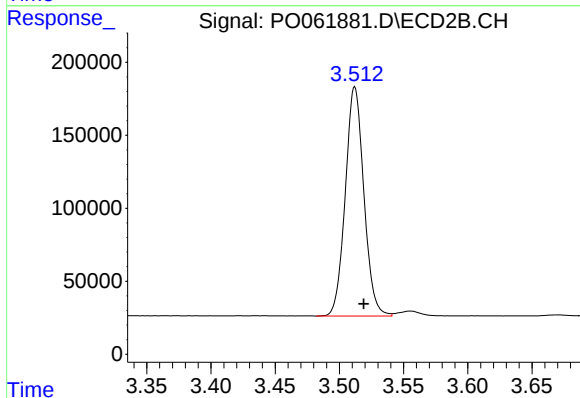
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

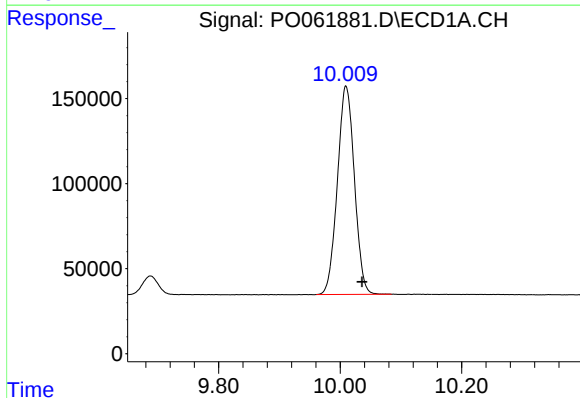
R.T.: 4.351 min
Delta R.T.: -0.012 min
Response: 2434446
Conc: 59.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



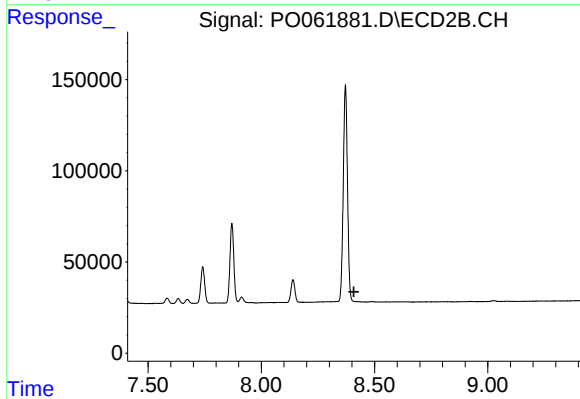
#1 Tetrachloro-m-xylene

R.T.: 3.512 min
Delta R.T.: -0.007 min
Response: 1580007
Conc: 48.86 ng/ml



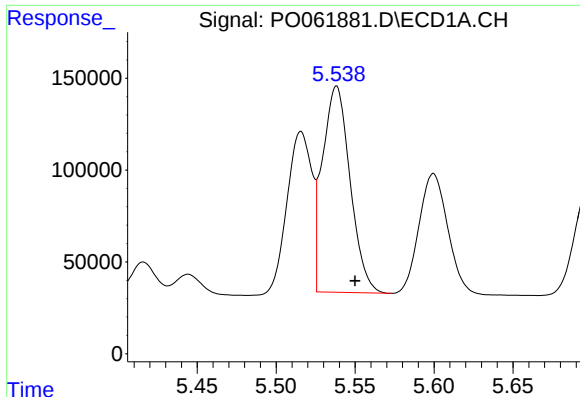
#2 Decachlorobiphenyl

R.T.: 10.009 min
Delta R.T.: -0.027 min
Response: 2379982
Conc: 51.10 ng/ml



#2 Decachlorobiphenyl

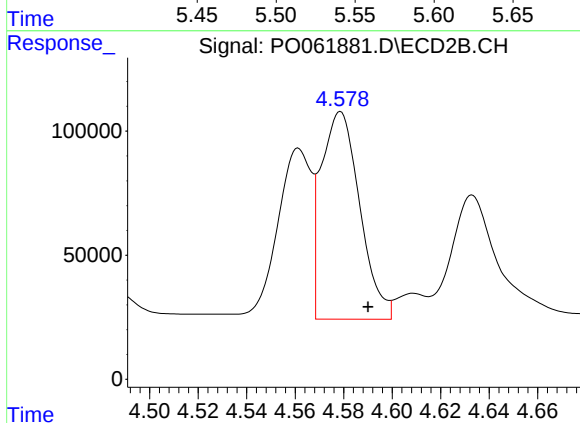
R.T.: 8.445 min
Delta R.T.: 0.036 min
Response: -2985
Conc: N.D.



#3 AR-1016-1

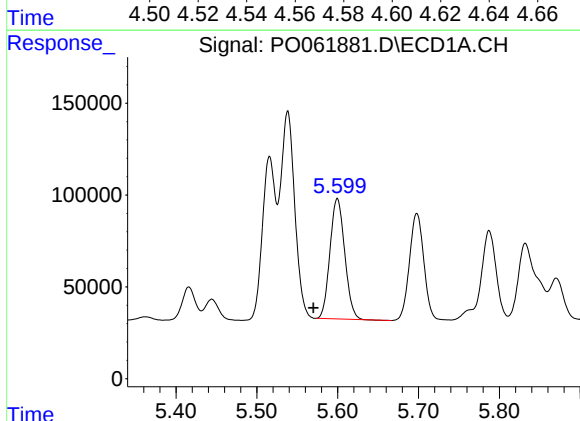
R.T.: 5.538 min
Delta R.T.: -0.012 min
Response: 1369046
Conc: 746.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



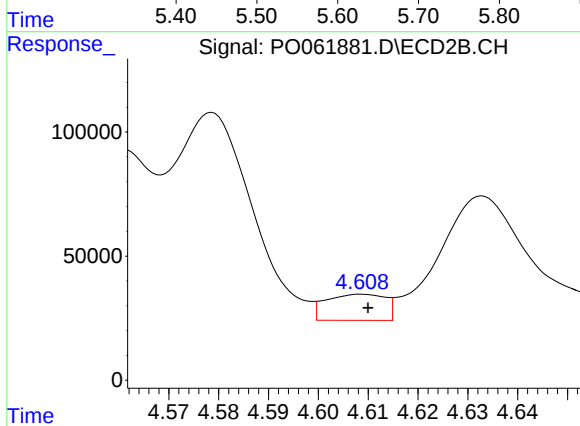
#3 AR-1016-1

R.T.: 4.579 min
Delta R.T.: -0.011 min
Response: 925866
Conc: 688.55 ng/ml



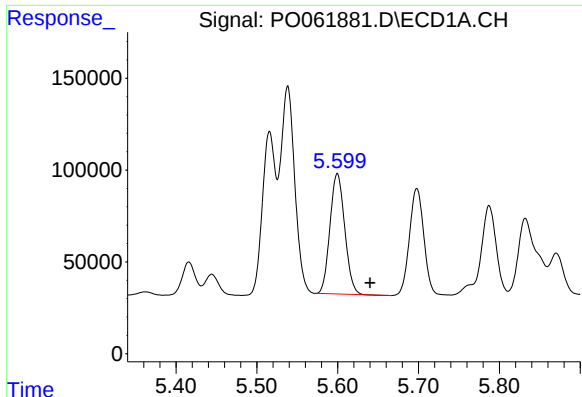
#4 AR-1016-2

R.T.: 5.600 min
Delta R.T.: 0.030 min
Response: 831797
Conc: 321.80 ng/ml



#4 AR-1016-2

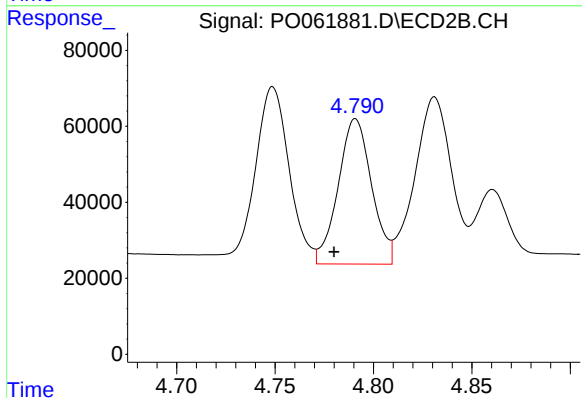
R.T.: 4.609 min
Delta R.T.: -0.001 min
Response: 86860
Conc: 46.87 ng/ml



#5 AR-1016-3

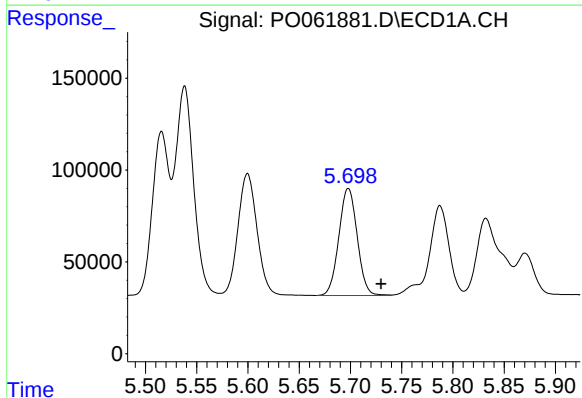
R.T.: 5.600 min
Delta R.T.: -0.040 min
Response: 831797
Conc: 517.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



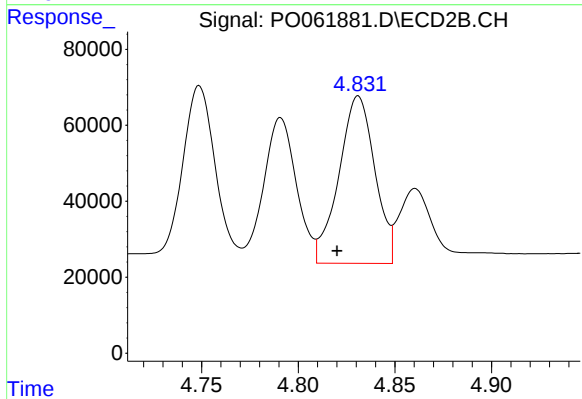
#5 AR-1016-3

R.T.: 4.791 min
Delta R.T.: 0.011 min
Response: 453601
Conc: 452.82 ng/ml



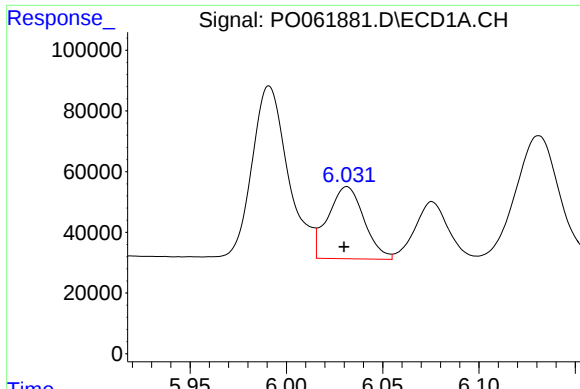
#6 AR-1016-4

R.T.: 5.698 min
Delta R.T.: -0.032 min
Response: 726204
Conc: 543.18 ng/ml



#6 AR-1016-4

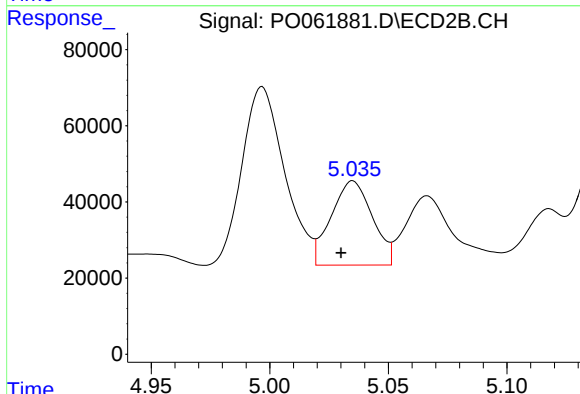
R.T.: 4.831 min
Delta R.T.: 0.011 min
Response: 570782
Conc: 658.67 ng/ml



#7 AR-1016-5

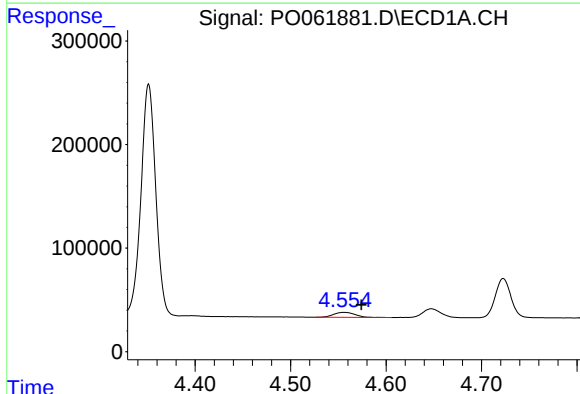
R.T.: 6.032 min
Delta R.T.: 0.002 min
Response: 309912
Conc: 225.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



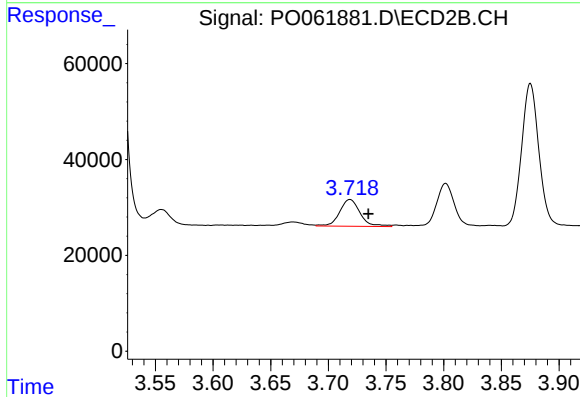
#7 AR-1016-5

R.T.: 5.035 min
Delta R.T.: 0.005 min
Response: 267720
Conc: 234.55 ng/ml



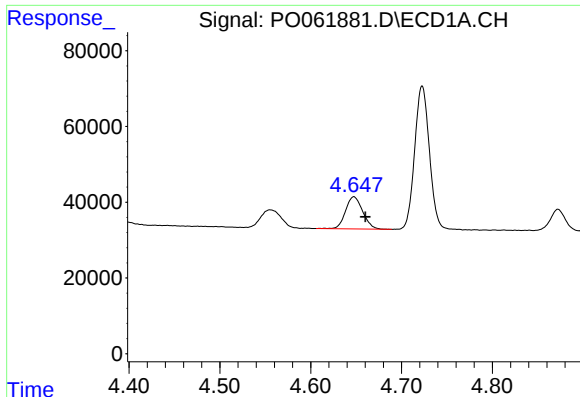
#8 AR-1221-1

R.T.: 4.555 min
Delta R.T.: -0.019 min
Response: 73802
Conc: 159.65 ng/ml



#8 AR-1221-1

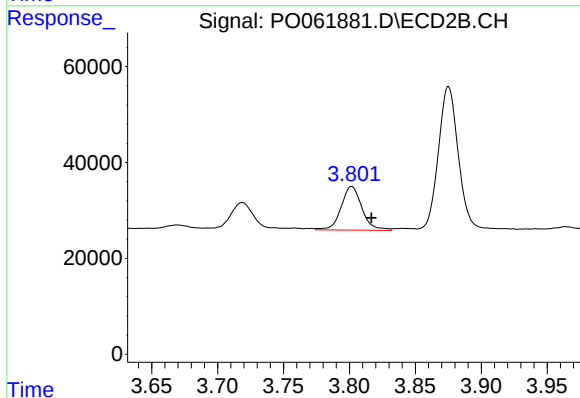
R.T.: 3.719 min
Delta R.T.: -0.016 min
Response: 68894
Conc: 173.99 ng/ml



#9 AR-1221-2

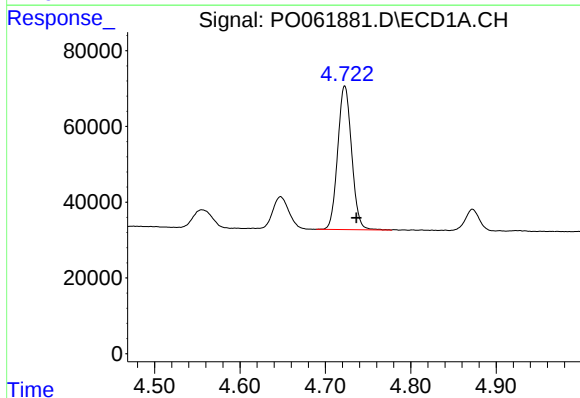
R.T.: 4.648 min
Delta R.T.: -0.013 min
Response: 111884
Conc: 311.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



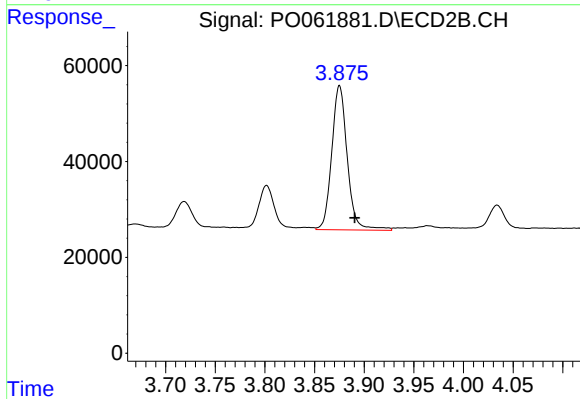
#9 AR-1221-2

R.T.: 3.802 min
Delta R.T.: -0.015 min
Response: 100474
Conc: 325.80 ng/ml



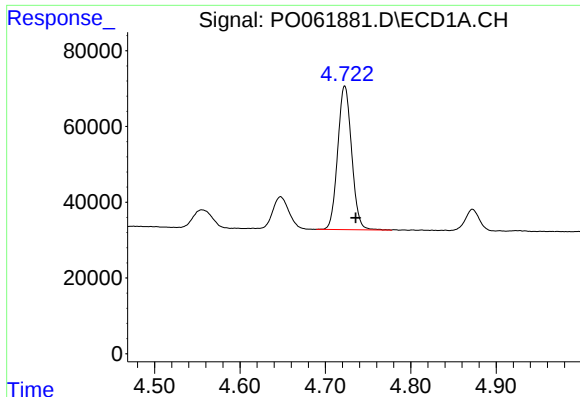
#10 AR-1221-3

R.T.: 4.723 min
Delta R.T.: -0.014 min
Response: 430397
Conc: 378.03 ng/ml



#10 AR-1221-3

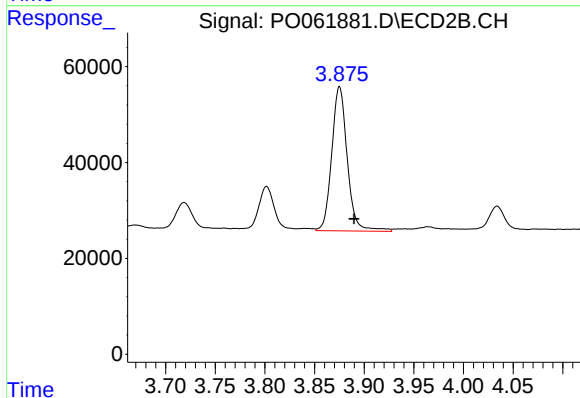
R.T.: 3.875 min
Delta R.T.: -0.015 min
Response: 328333
Conc: 359.96 ng/ml



#11 AR-1232-1

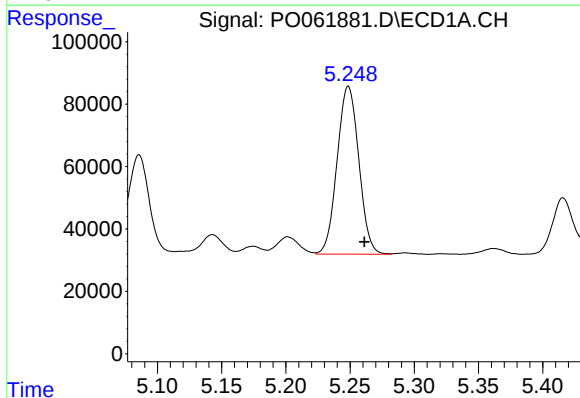
R.T.: 4.723 min
Delta R.T.: -0.013 min
Response: 430397
Conc: 307.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



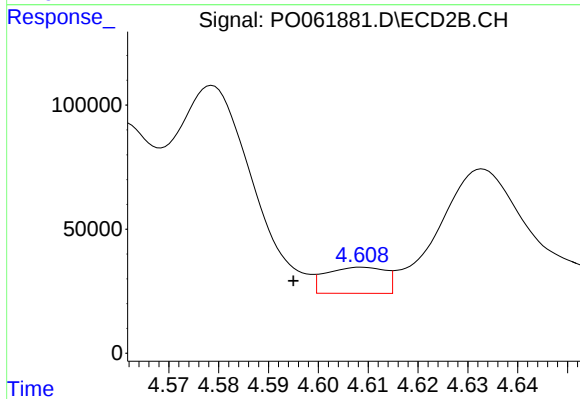
#11 AR-1232-1

R.T.: 3.875 min
Delta R.T.: -0.015 min
Response: 328333
Conc: 292.42 ng/ml



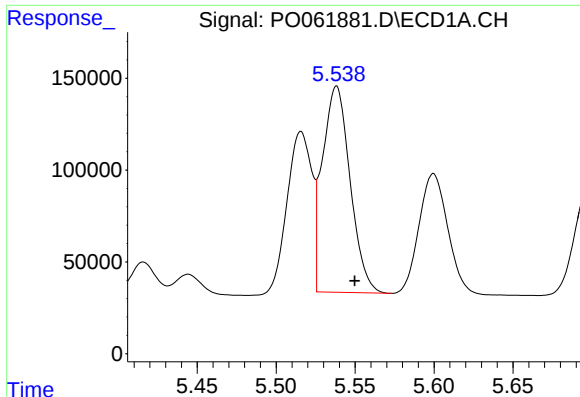
#12 AR-1232-2

R.T.: 5.249 min
Delta R.T.: -0.012 min
Response: 632909
Conc: 806.71 ng/ml



#12 AR-1232-2

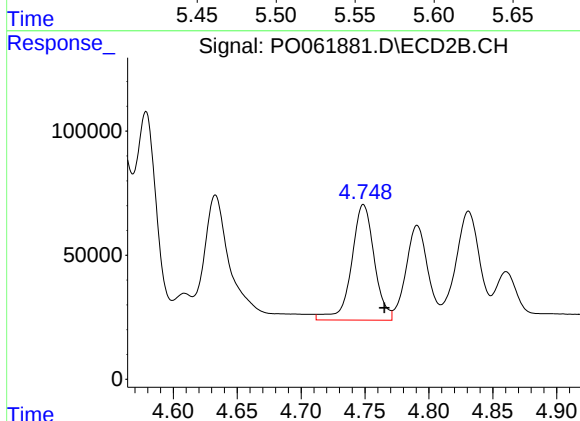
R.T.: 4.609 min
Delta R.T.: 0.014 min
Response: 86860
Conc: 71.16 ng/ml



#13 AR-1232-3

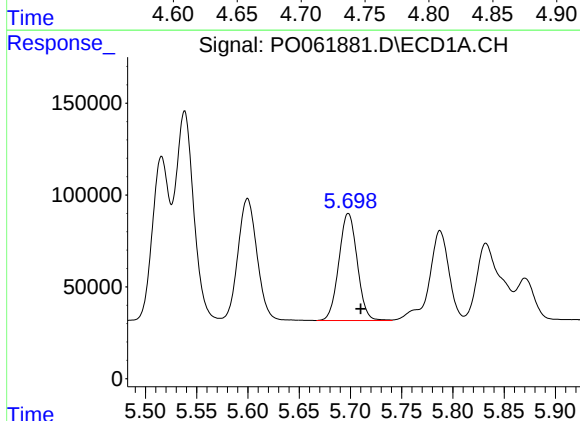
R.T.: 5.538 min
Delta R.T.: -0.012 min
Response: 1369046
Conc: 801.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



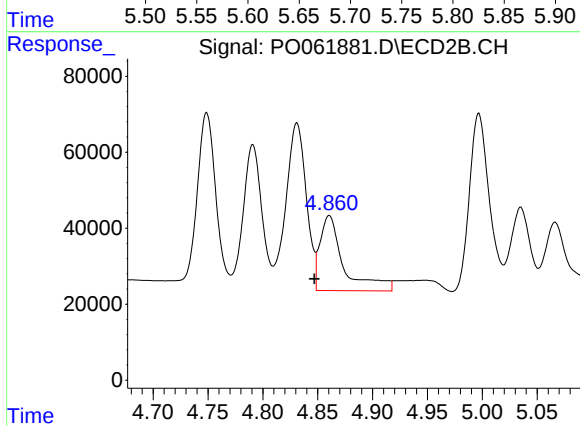
#13 AR-1232-3

R.T.: 4.749 min
Delta R.T.: -0.016 min
Response: 579267
Conc: 877.34 ng/ml



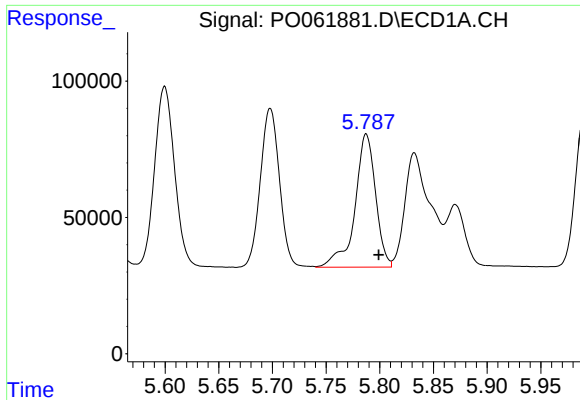
#14 AR-1232-4

R.T.: 5.698 min
Delta R.T.: -0.012 min
Response: 726204
Conc: 820.77 ng/ml



#14 AR-1232-4

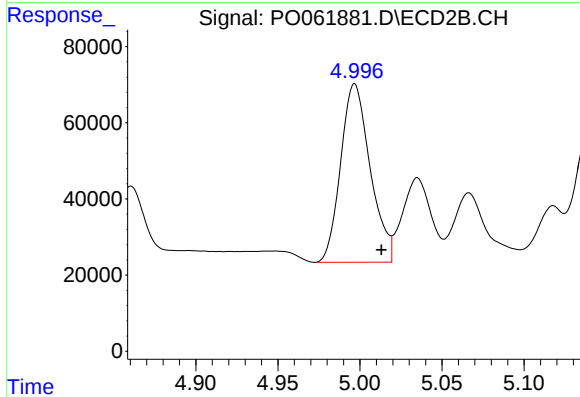
R.T.: 4.861 min
Delta R.T.: 0.013 min
Response: 296440
Conc: 470.28 ng/ml



#15 AR-1232-5

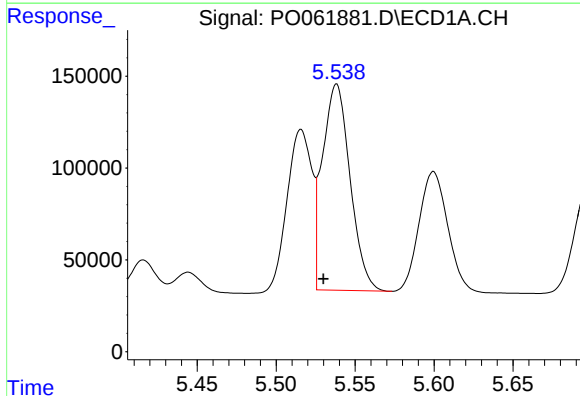
R.T.: 5.787 min
Delta R.T.: -0.012 min
Response: 655264
Conc: 945.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



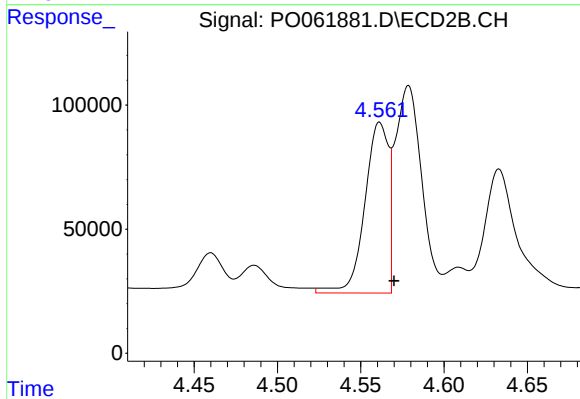
#15 AR-1232-5

R.T.: 4.997 min
Delta R.T.: -0.016 min
Response: 586523
Conc: 854.80 ng/ml



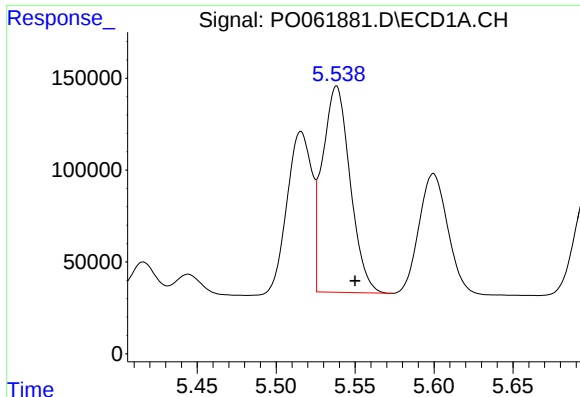
#16 AR-1242-1

R.T.: 5.538 min
Delta R.T.: 0.008 min
Response: 1369046
Conc: 964.01 ng/ml



#16 AR-1242-1

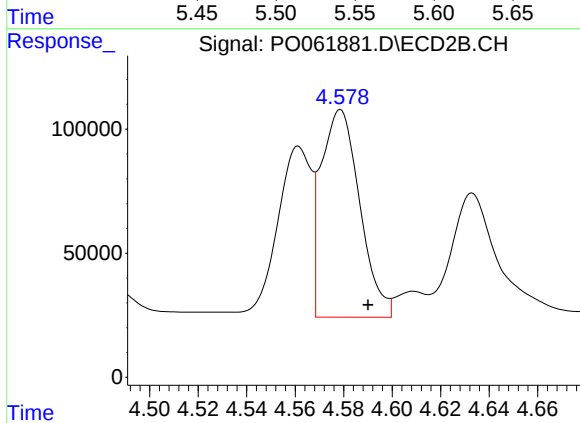
R.T.: 4.561 min
Delta R.T.: -0.009 min
Response: 681842
Conc: 665.53 ng/ml



#17 AR-1242-2

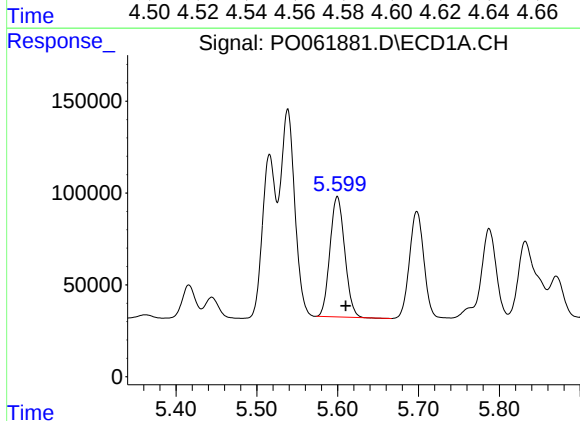
R.T.: 5.538 min
Delta R.T.: -0.012 min
Response: 1369046
Conc: 681.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



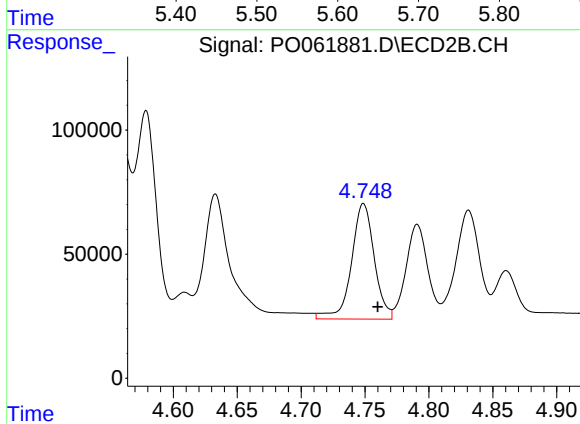
#17 AR-1242-2

R.T.: 4.579 min
Delta R.T.: -0.011 min
Response: 925866
Conc: 656.54 ng/ml



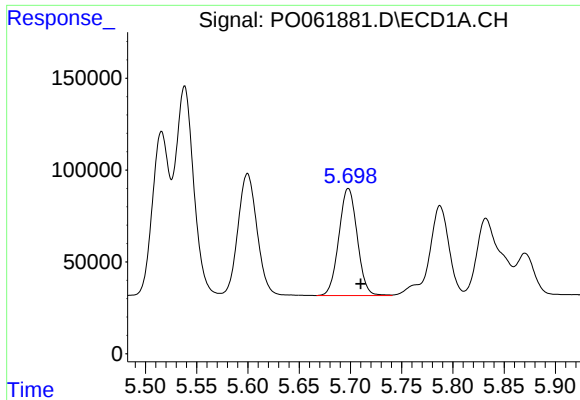
#18 AR-1242-3

R.T.: 5.600 min
Delta R.T.: -0.010 min
Response: 831797
Conc: 659.18 ng/ml



#18 AR-1242-3

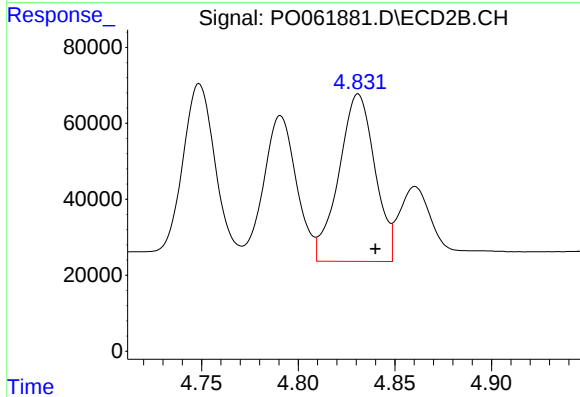
R.T.: 4.749 min
Delta R.T.: -0.011 min
Response: 579267
Conc: 741.81 ng/ml



#19 AR-1242-4

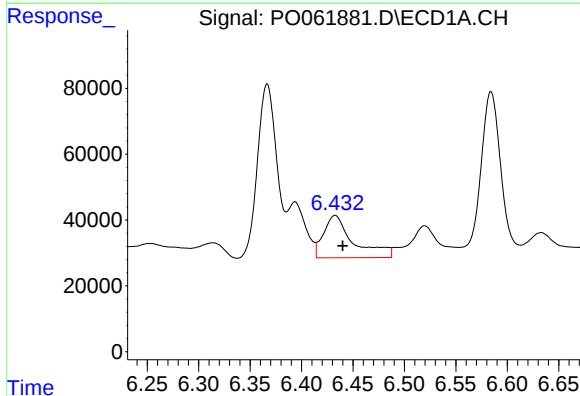
R.T.: 5.698 min
Delta R.T.: -0.012 min
Response: 726204
Conc: 691.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



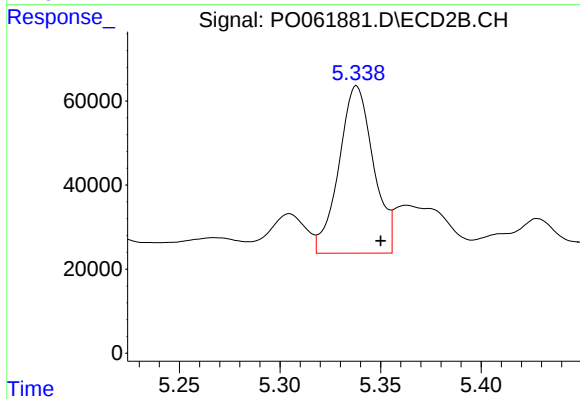
#19 AR-1242-4

R.T.: 4.831 min
Delta R.T.: -0.009 min
Response: 570782
Conc: 695.57 ng/ml



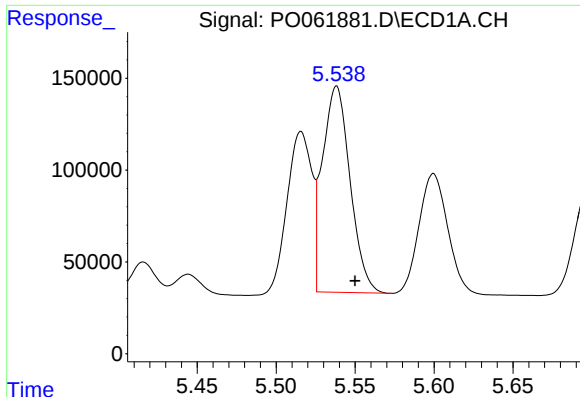
#20 AR-1242-5

R.T.: 6.433 min
Delta R.T.: -0.007 min
Response: 260115
Conc: 194.48 ng/ml



#20 AR-1242-5

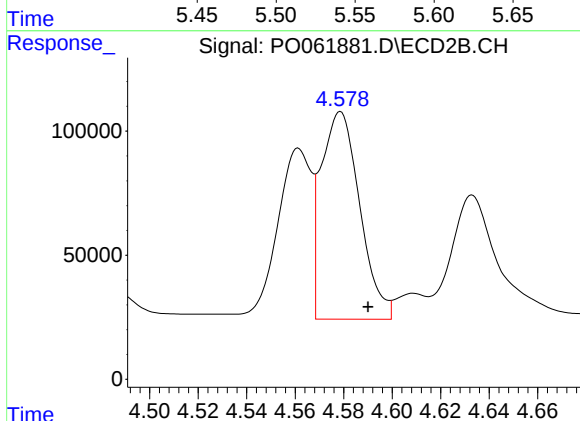
R.T.: 5.338 min
Delta R.T.: -0.012 min
Response: 475895
Conc: 444.25 ng/ml



#21 AR-1248-1

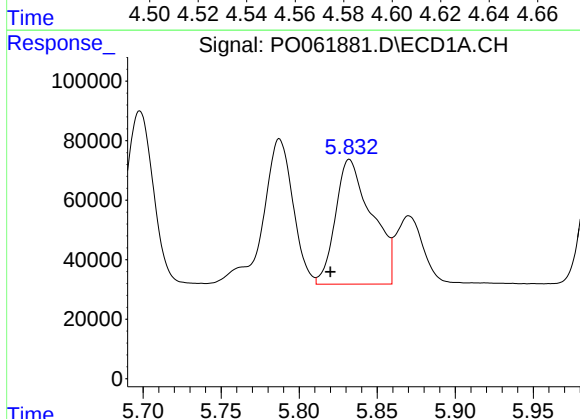
R.T.: 5.538 min
Delta R.T.: -0.012 min
Response: 1369046
Conc: 1165.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



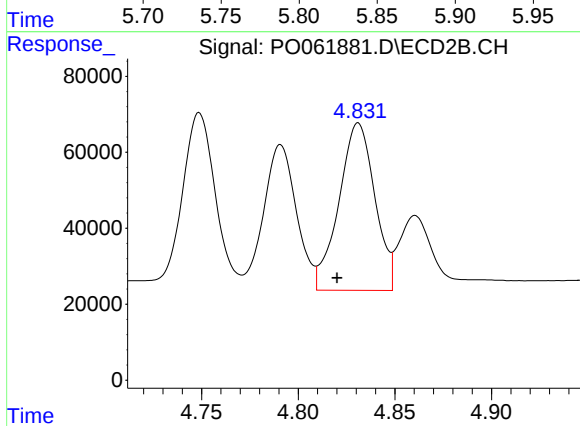
#21 AR-1248-1

R.T.: 4.579 min
Delta R.T.: -0.011 min
Response: 925866
Conc: 1034.70 ng/ml



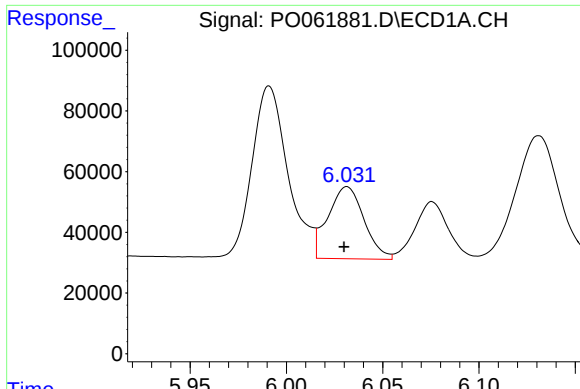
#22 AR-1248-2

R.T.: 5.832 min
Delta R.T.: 0.012 min
Response: 677877
Conc: 401.78 ng/ml



#22 AR-1248-2

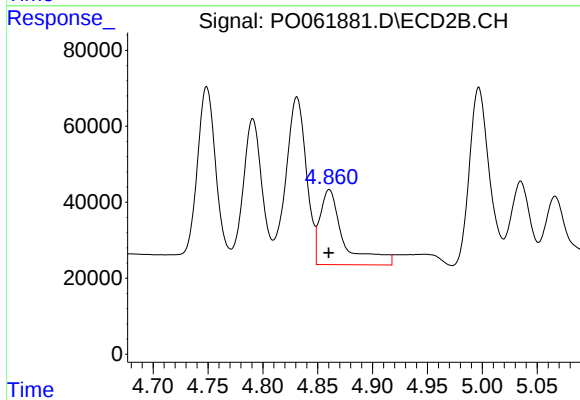
R.T.: 4.831 min
Delta R.T.: 0.011 min
Response: 570782
Conc: 484.43 ng/ml



#23 AR-1248-3

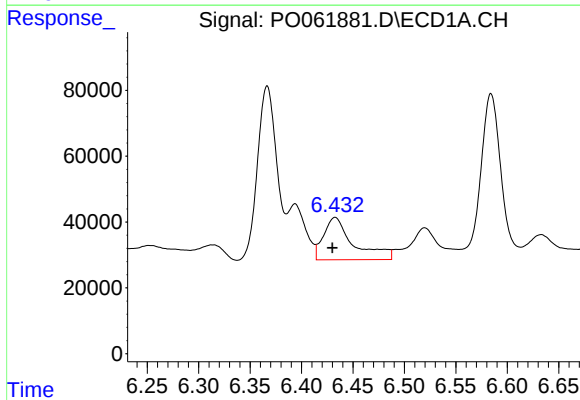
R.T.: 6.032 min
Delta R.T.: 0.002 min
Response: 309912
Conc: 165.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



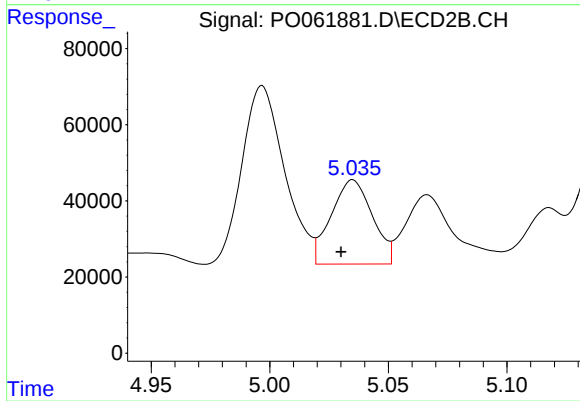
#23 AR-1248-3

R.T.: 4.861 min
Delta R.T.: 0.000 min
Response: 296440
Conc: 238.82 ng/ml



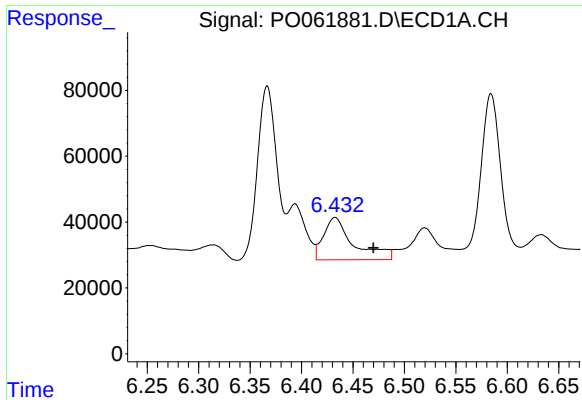
#24 AR-1248-4

R.T.: 6.433 min
Delta R.T.: 0.003 min
Response: 260115
Conc: 110.09 ng/ml



#24 AR-1248-4

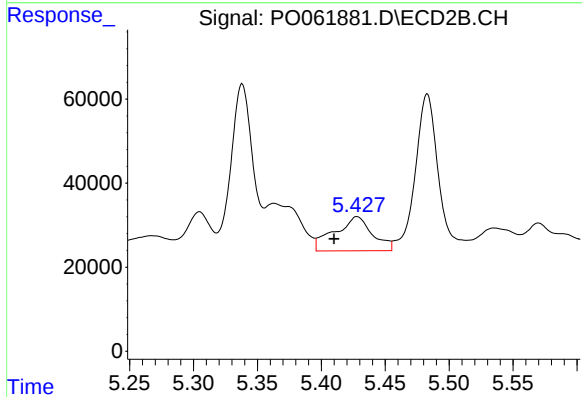
R.T.: 5.035 min
Delta R.T.: 0.005 min
Response: 267720
Conc: 178.09 ng/ml



#25 AR-1248-5

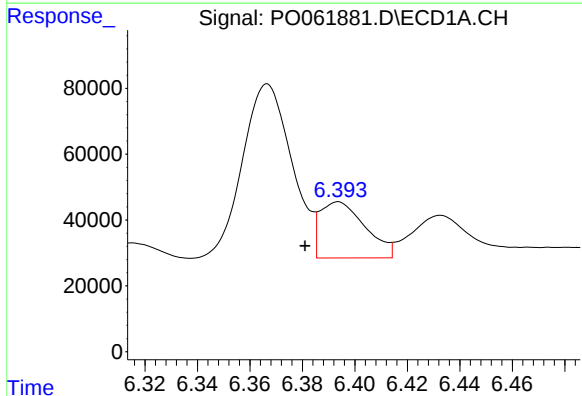
R.T.: 6.433 min
Delta R.T.: -0.037 min
Response: 260115
Conc: 114.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



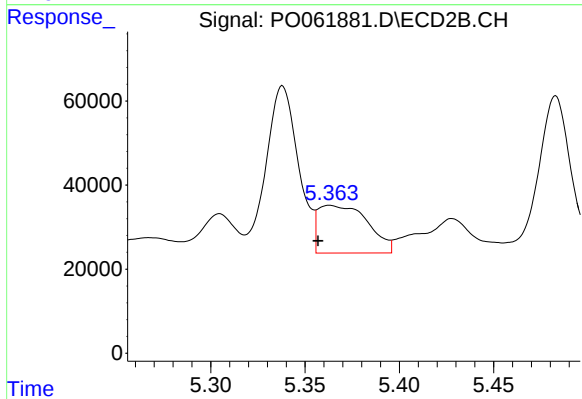
#25 AR-1248-5

R.T.: 5.428 min
Delta R.T.: 0.018 min
Response: 166718
Conc: 108.67 ng/ml



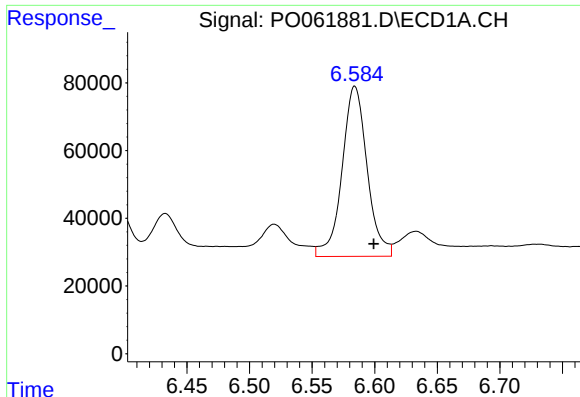
#26 AR-1254-1

R.T.: 6.394 min
Delta R.T.: 0.013 min
Response: 204090
Conc: 89.46 ng/ml



#26 AR-1254-1

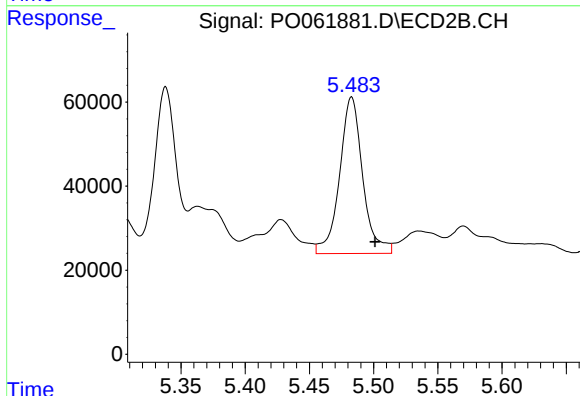
R.T.: 5.363 min
Delta R.T.: 0.006 min
Response: 207965
Conc: 94.82 ng/ml



#27 AR-1254-2

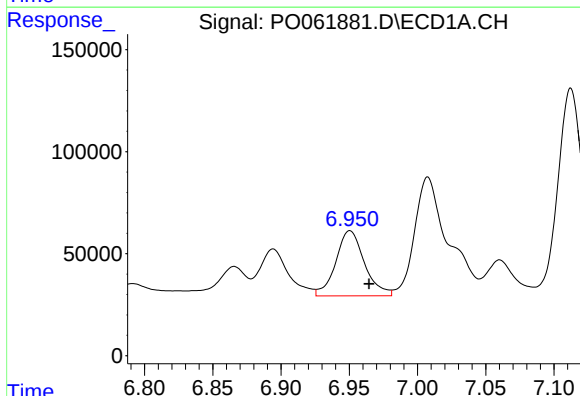
R.T.: 6.584 min
Delta R.T.: -0.015 min
Response: 700919
Conc: 194.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



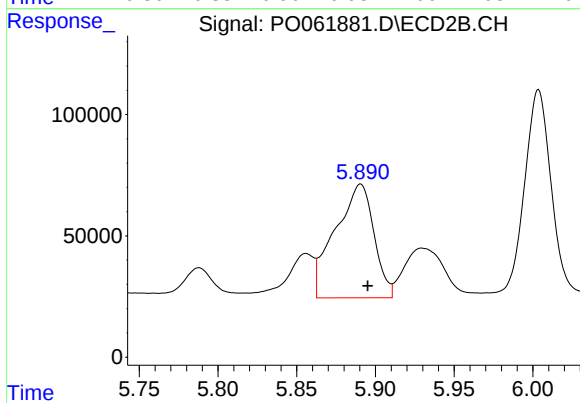
#27 AR-1254-2

R.T.: 5.483 min
Delta R.T.: -0.018 min
Response: 467367
Conc: 238.39 ng/ml



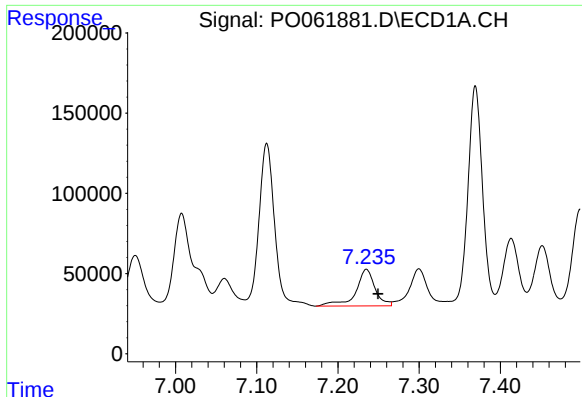
#28 AR-1254-3

R.T.: 6.950 min
Delta R.T.: -0.014 min
Response: 466964
Conc: 119.51 ng/ml



#28 AR-1254-3

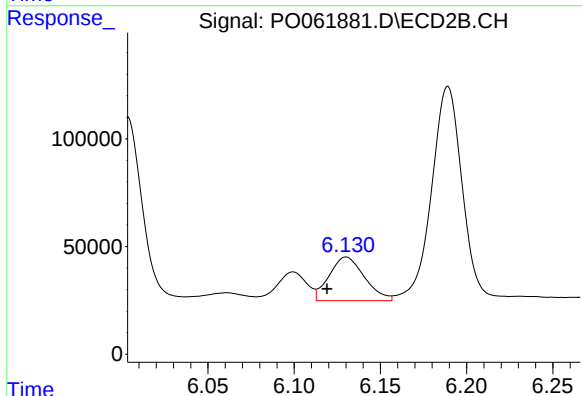
R.T.: 5.891 min
Delta R.T.: -0.004 min
Response: 803070
Conc: 252.24 ng/ml



#29 AR-1254-4

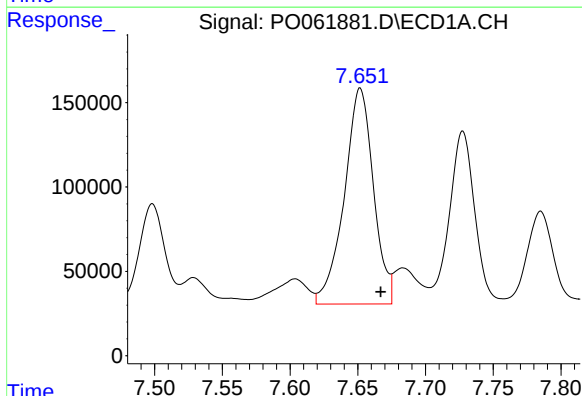
R.T.: 7.235 min
Delta R.T.: -0.015 min
Response: 376006
Conc: 124.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



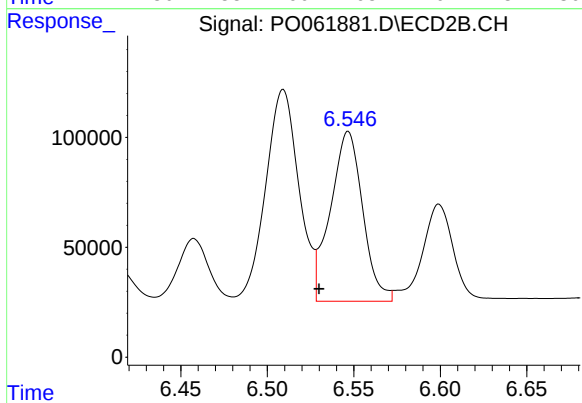
#29 AR-1254-4

R.T.: 6.130 min
Delta R.T.: 0.011 min
Response: 289097
Conc: 142.49 ng/ml



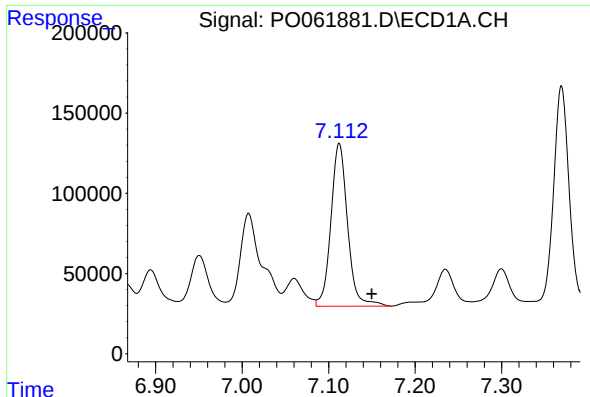
#30 AR-1254-5

R.T.: 7.652 min
Delta R.T.: -0.015 min
Response: 1919200
Conc: 611.13 ng/ml



#30 AR-1254-5

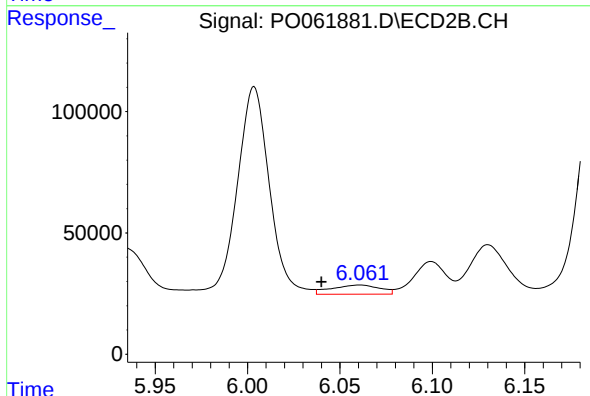
R.T.: 6.547 min
Delta R.T.: 0.017 min
Response: 1000318
Conc: 353.66 ng/ml



#31 AR-1260-1

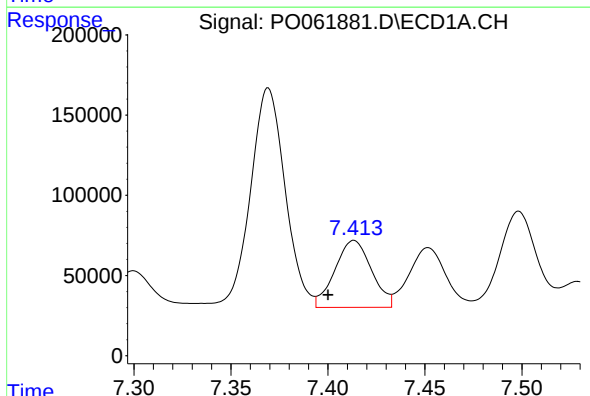
R.T.: 7.112 min
Delta R.T.: -0.038 min
Response: 1358974
Conc: 520.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



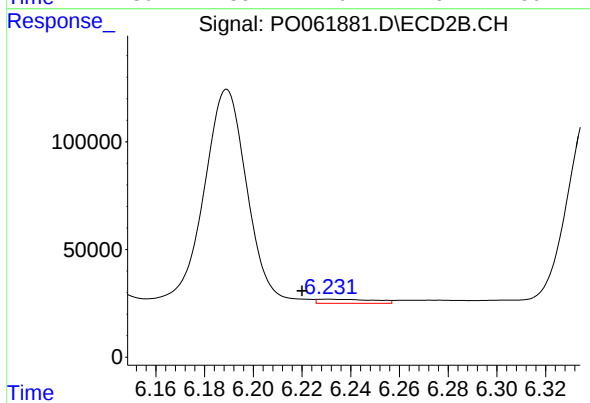
#31 AR-1260-1

R.T.: 6.061 min
Delta R.T.: 0.021 min
Response: 68442
Conc: 33.55 ng/ml



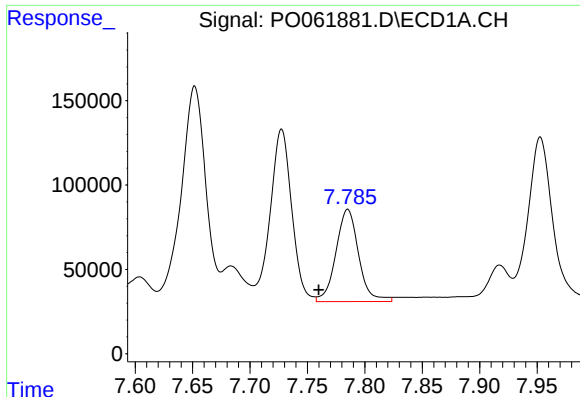
#32 AR-1260-2

R.T.: 7.413 min
Delta R.T.: 0.013 min
Response: 548902
Conc: 172.18 ng/ml



#32 AR-1260-2

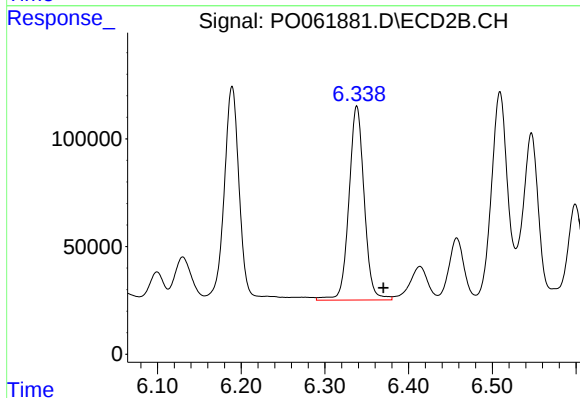
R.T.: 6.231 min
Delta R.T.: 0.011 min
Response: 30675
Conc: 12.77 ng/ml



#33 AR-1260-3

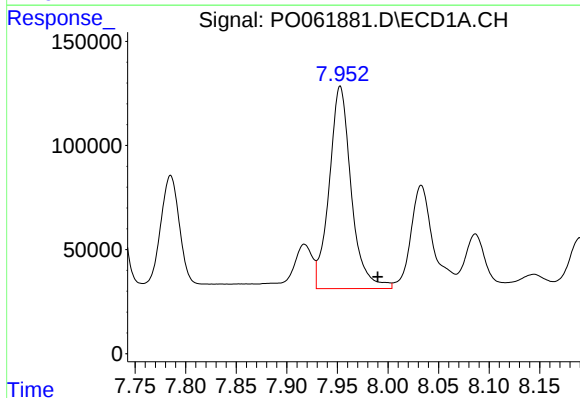
R.T.: 7.785 min
Delta R.T.: 0.025 min
Response: 753972
Conc: 313.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



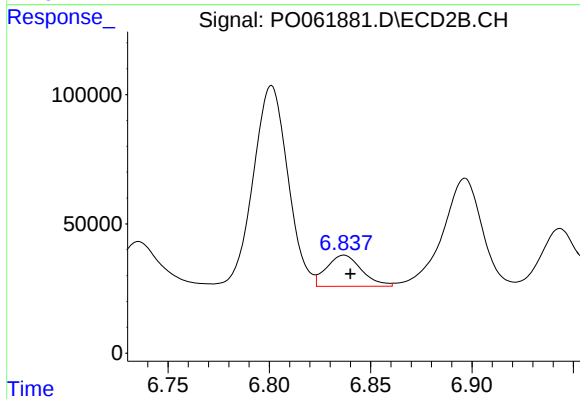
#33 AR-1260-3

R.T.: 6.338 min
Delta R.T.: -0.032 min
Response: 1143005
Conc: 507.30 ng/ml



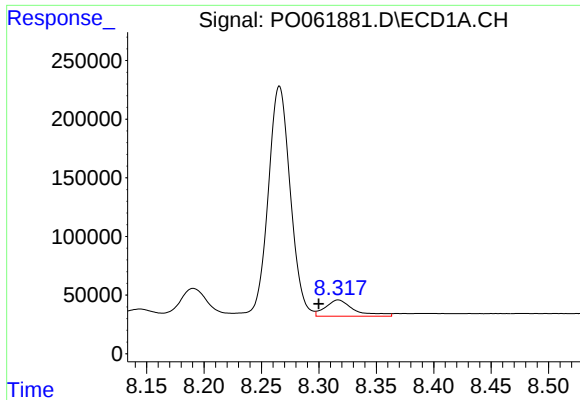
#34 AR-1260-4

R.T.: 7.953 min
Delta R.T.: -0.037 min
Response: 1469936
Conc: 550.12 ng/ml



#34 AR-1260-4

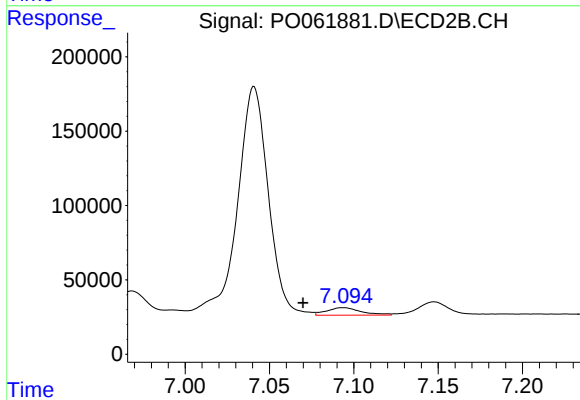
R.T.: 6.837 min
Delta R.T.: -0.003 min
Response: 144712
Conc: 78.38 ng/ml



#35 AR-1260-5

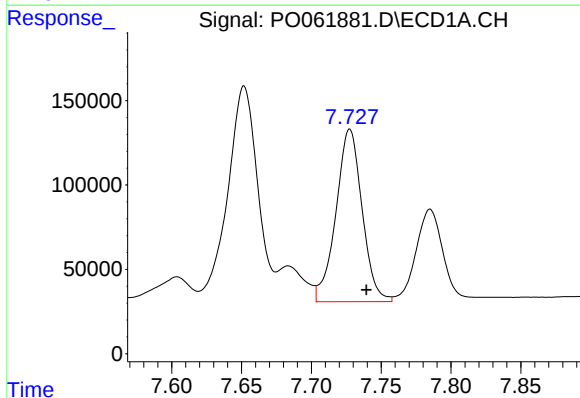
R.T.: 8.317 min
Delta R.T.: 0.017 min
Response: 241367
Conc: 48.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



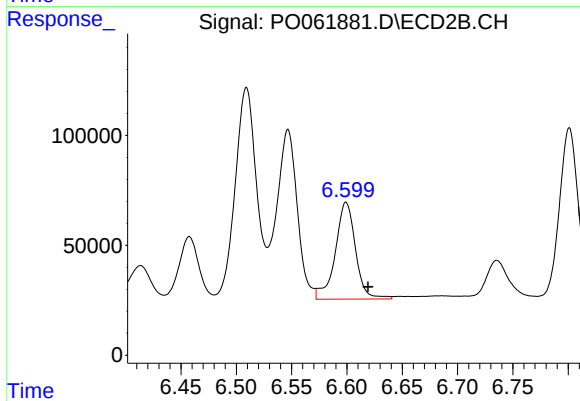
#35 AR-1260-5

R.T.: 7.094 min
Delta R.T.: 0.024 min
Response: 72432
Conc: 18.60 ng/ml



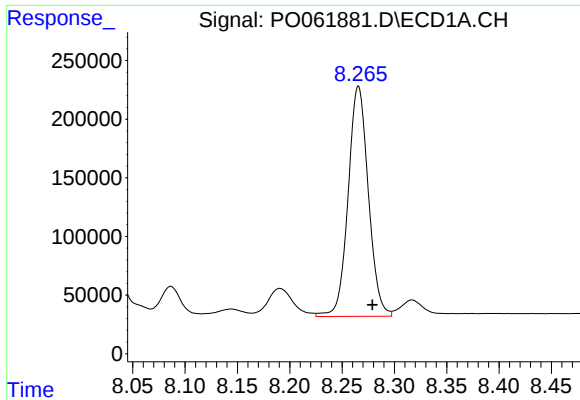
#36 AR-1262-1

R.T.: 7.728 min
Delta R.T.: -0.012 min
Response: 1335724
Conc: 348.62 ng/ml



#36 AR-1262-1

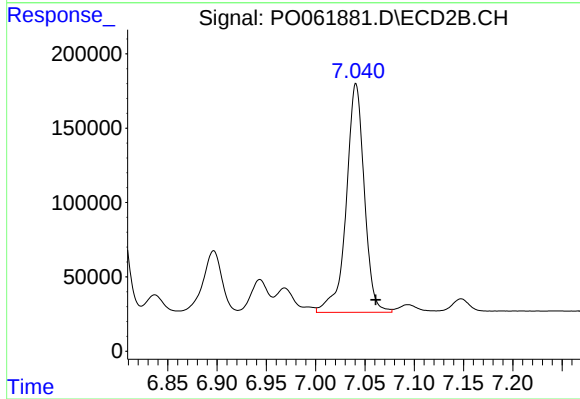
R.T.: 6.599 min
Delta R.T.: -0.020 min
Response: 563245
Conc: 461.44 ng/ml



#37 AR-1262-2

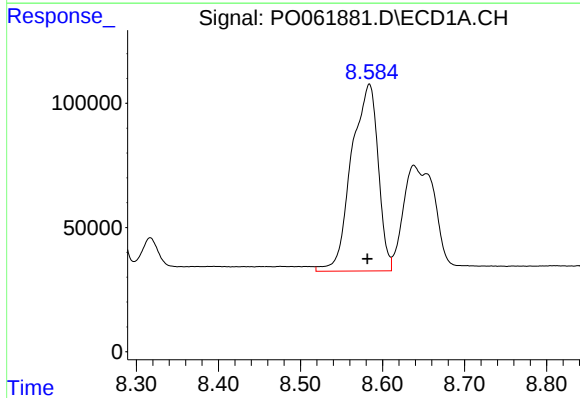
R.T.: 8.266 min
Delta R.T.: -0.013 min
Response: 2641217
Conc: 425.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



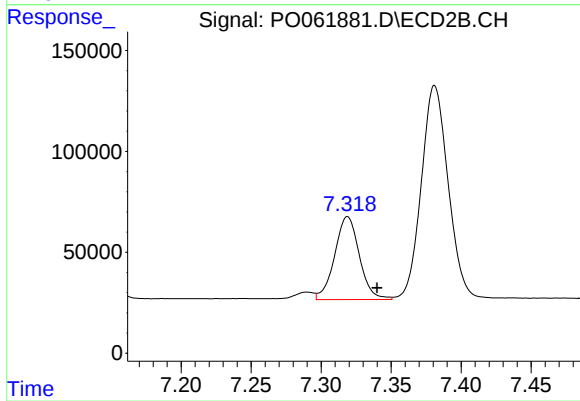
#37 AR-1262-2

R.T.: 7.041 min
Delta R.T.: -0.020 min
Response: 1963950
Conc: 427.13 ng/ml



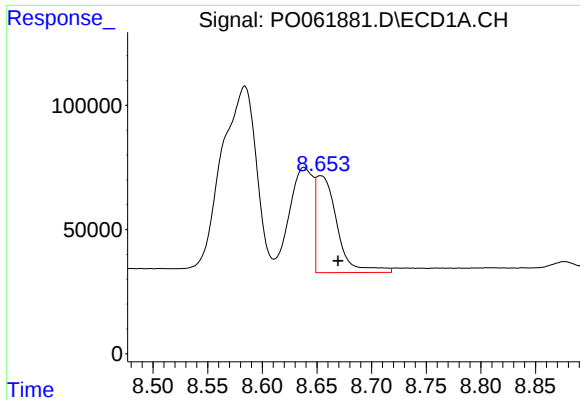
#38 AR-1262-3

R.T.: 8.584 min
Delta R.T.: 0.002 min
Response: 1696112
Conc: 408.08 ng/ml



#38 AR-1262-3

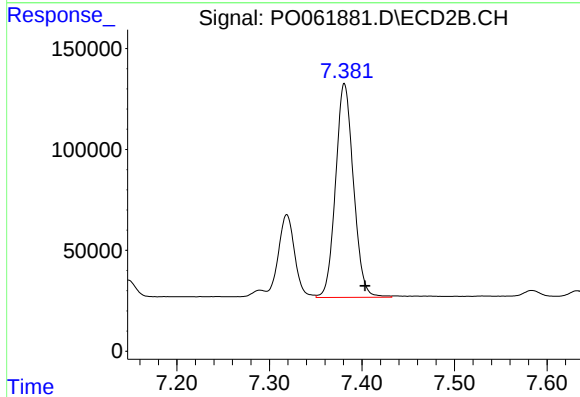
R.T.: 7.319 min
Delta R.T.: -0.021 min
Response: 505999
Conc: 268.60 ng/ml



#39 AR-1262-4

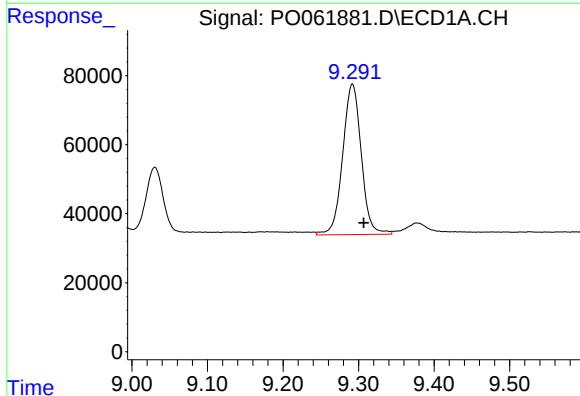
R.T.: 8.653 min
Delta R.T.: -0.016 min
Response: 518574
Conc: 164.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



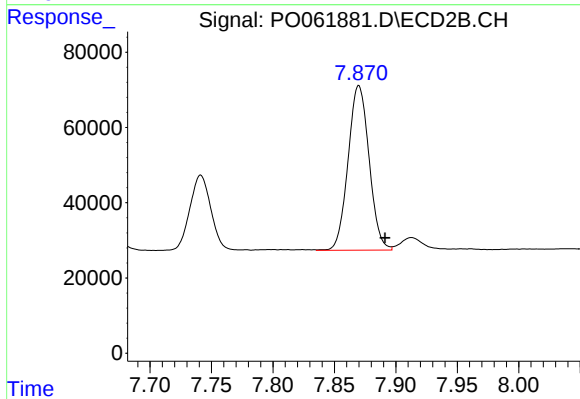
#39 AR-1262-4

R.T.: 7.381 min
Delta R.T.: -0.022 min
Response: 1425717
Conc: 424.23 ng/ml



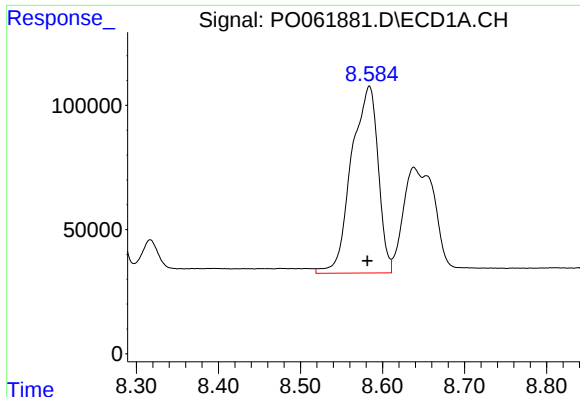
#40 AR-1262-5

R.T.: 9.292 min
Delta R.T.: -0.015 min
Response: 746669
Conc: 367.16 ng/ml



#40 AR-1262-5

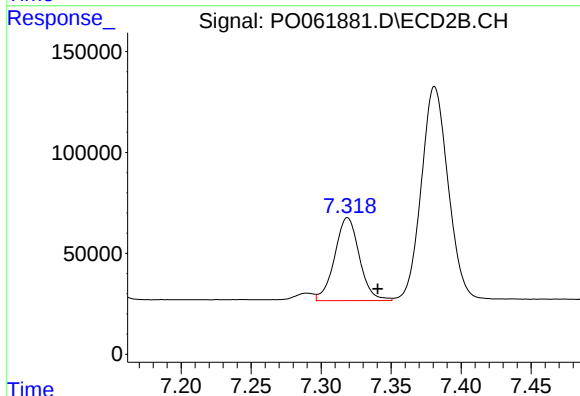
R.T.: 7.870 min
Delta R.T.: -0.021 min
Response: 521537
Conc: 344.03 ng/ml



#41 AR-1268-1

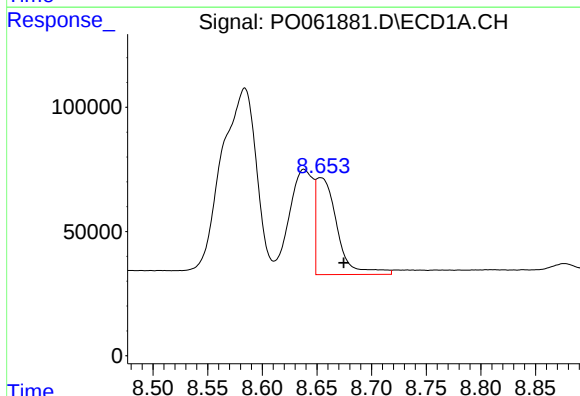
R.T.: 8.584 min
Delta R.T.: 0.002 min
Response: 1696112
Conc: 252.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



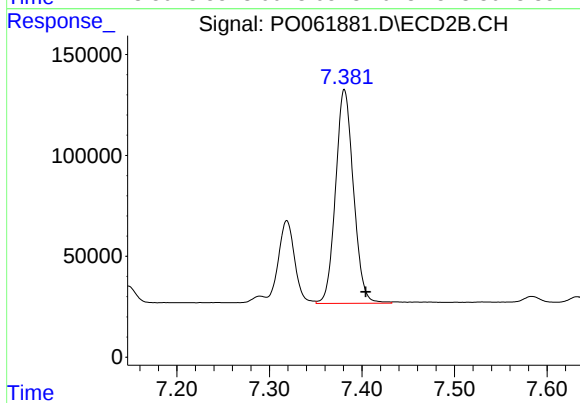
#41 AR-1268-1

R.T.: 7.319 min
Delta R.T.: -0.022 min
Response: 505999
Conc: 104.78 ng/ml



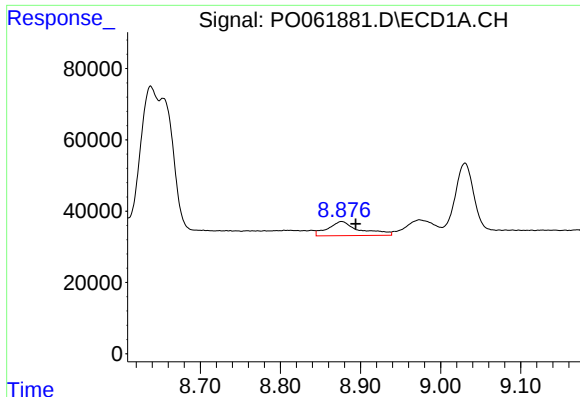
#42 AR-1268-2

R.T.: 8.653 min
Delta R.T.: -0.021 min
Response: 518574
Conc: 83.74 ng/ml



#42 AR-1268-2

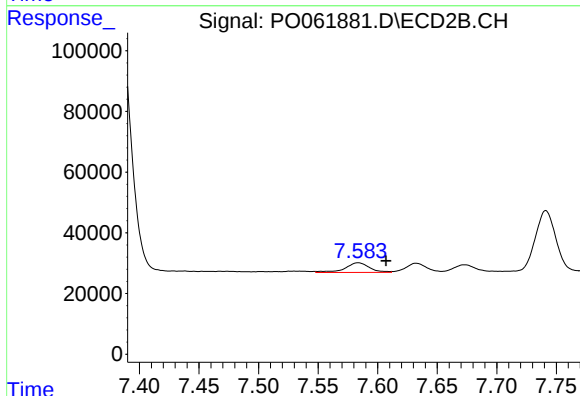
R.T.: 7.381 min
Delta R.T.: -0.023 min
Response: 1425717
Conc: 330.81 ng/ml



#43 AR-1268-3

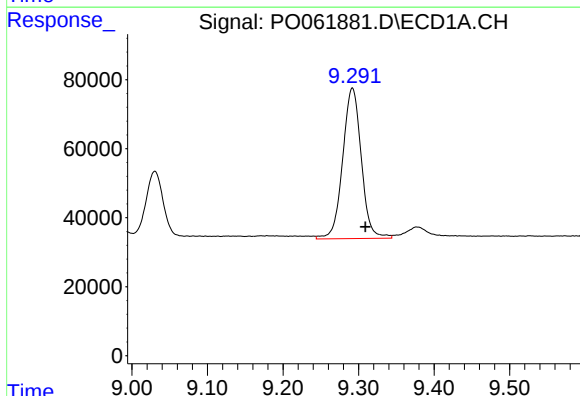
R.T.: 8.876 min
Delta R.T.: -0.017 min
Response: 110095
Conc: 21.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



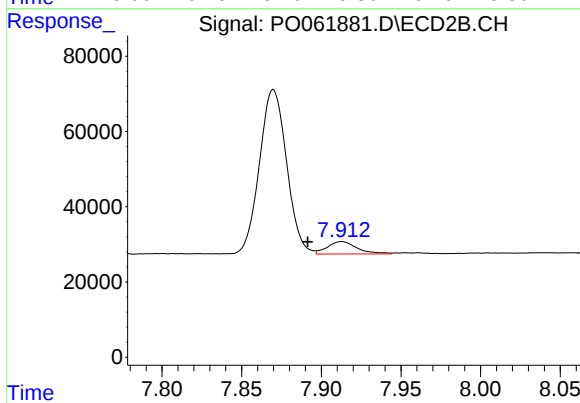
#43 AR-1268-3

R.T.: 7.584 min
Delta R.T.: -0.024 min
Response: 45404
Conc: 12.67 ng/ml



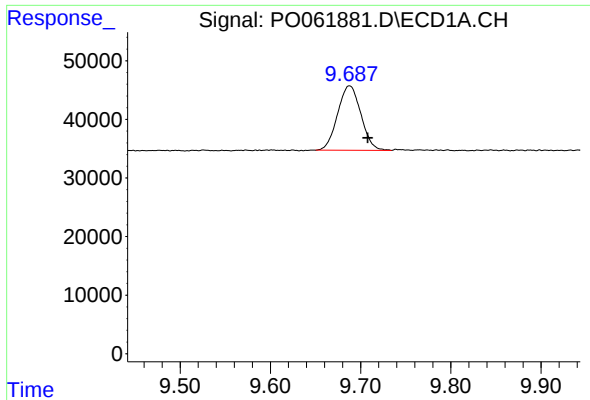
#44 AR-1268-4

R.T.: 9.292 min
Delta R.T.: -0.017 min
Response: 746669
Conc: 341.48 ng/ml



#44 AR-1268-4

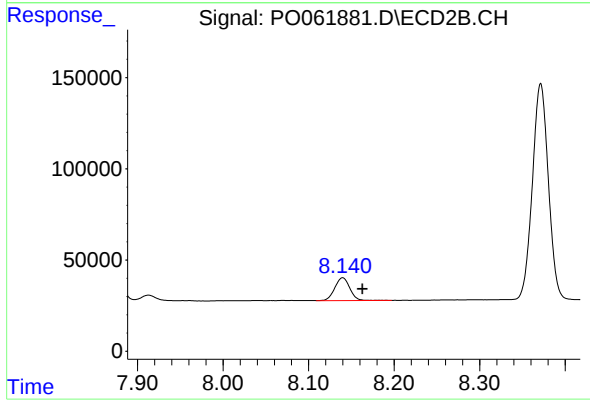
R.T.: 7.913 min
Delta R.T.: 0.021 min
Response: 42653
Conc: 26.50 ng/ml



#45 AR-1268-5

R.T.: 9.688 min
Delta R.T.: -0.020 min
Response: 197596
Conc: 13.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.140 min
Delta R.T.: -0.023 min
Response: 153071
Conc: 15.22 ng/ml