

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102720\
 Data File : PO072888.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 28 Oct 2020 15:57
 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: Oct 28 16:56:56 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102620.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 27 16:48:42 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...	4.964	4.020	2097754	1451144	45.498	41.405
2)	SA Decachlor...	11.002	9.308	1944893	1776220	52.643	53.262
Target Compounds							
3)	L1 AR-1016-1	6.288	5.275	859508	620155	503.495	432.033
4)	L1 AR-1016-2	6.288	5.295	859508	835229	364.309	431.661
5)	L1 AR-1016-3	6.378	5.485	736125	479728	510.181	457.526
6)	L1 AR-1016-4	6.485	5.537	612667	397414	521.473	458.708
7)	L1 AR-1016-5	6.802	5.765	598752	465539	558.055	433.188
8)	L2 AR-1221-1	5.209	4.276	80582	53654	145.998	119.015
9)	L2 AR-1221-2	5.315	4.376	118030	80363	289.843	236.627
10)	L2 AR-1221-3	5.401	4.465	432767	306873	351.100	301.903
11)	L3 AR-1232-1	5.401	4.465	432767	306873	406.226	350.055
12)	L3 AR-1232-2	5.992	5.295	574848	835229	1085.852	953.589
13)	L3 AR-1232-3	6.288	5.485	859508	479728	831.333	1021.124
14)	L3 AR-1232-4	6.485	5.582	612667	469892	1192.117	1103.466
15)	L3 AR-1232-5	6.554	5.765	45865	465539	129.585	997.754 #
16)	L4 AR-1242-1	6.288f	5.275	859508	620155	617.805	527.447
17)	L4 AR-1242-2	6.288	5.295	859508	835229	449.615	525.943
18)	L4 AR-1242-3	6.378f	5.485	736125	479728	621.643	554.944
19)	L4 AR-1242-4	6.485	5.582	612667	469892	632.827	566.135
20)	L4 AR-1242-5	7.271	6.143	96669	379529	94.371	353.679 #
21)	L5 AR-1248-1	6.288f	5.275	859508	620155	832.952	654.155
22)	L5 AR-1248-2	6.554	5.537	45865	397414	34.886	315.970 #
23)	L5 AR-1248-3	6.802	5.582	598752	469892	404.115	363.337
24)	L5 AR-1248-4	7.231	5.765	116058	465539	64.265	299.636 #
25)	L5 AR-1248-5	7.271	6.184	96669	64223	56.083	41.713 #
26)	L6 AR-1254-1	7.201f	6.143	423959	379529	244.633	168.620 #
27)	L6 AR-1254-2	7.431	6.302	450448	345643	168.583	172.088
28)	L6 AR-1254-3	7.814	6.740f	322313	736536	119.261	231.824 #
29)	L6 AR-1254-4	8.109	6.958	349457	160940	159.465	73.997 #
30)	L6 AR-1254-5	8.538	7.386	1460635	1319255	663.430	473.991 #
31)	L7 AR-1260-1	7.981	6.858	1103091	1011253	593.104	508.548
32)	L7 AR-1260-2	8.247	7.054	1332423	1231043	586.227	491.311
33)	L7 AR-1260-3	8.613	7.209	1014013	1110459	591.385	503.803
34)	L7 AR-1260-4	8.844	7.690	1099677	938907	550.501	510.153
35)	L7 AR-1260-5	9.173	7.936	2181320	2245574	537.778	510.929
36)	L8 AR-1262-1	8.613	7.386	1014013	1319255	423.965	951.464 #
37)	L8 AR-1262-2	9.173	7.936	2181320	2245574	493.044	492.237
38)	L8 AR-1262-3	0.000	8.223	0	735874	N.D.	402.149 #
39)	L8 AR-1262-4	9.561	8.285	931392	1762916	388.290	529.543 #
40)	L8 AR-1262-5	10.250f	8.780	687196	642172	409.255	392.158
41)	L9 AR-1268-1	0.000	8.223	0	735874	N.D.	141.205 #

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 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

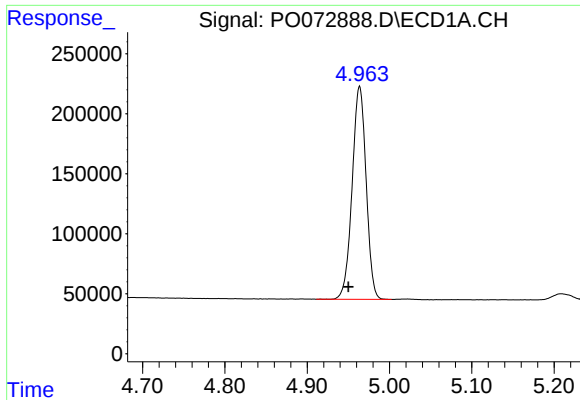
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 16:56:56 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102620.M
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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	9.561	8.285	931392	1762916	183.998	376.343 #
43) L9	AR-1268-3	0.000	8.496	0	55595	N.D.	13.211 #
44) L9	AR-1268-4	10.250f	8.780	687196	642172	363.543	349.380
45) L9	AR-1268-5	10.665f	9.062	185928	191954	13.403	14.822

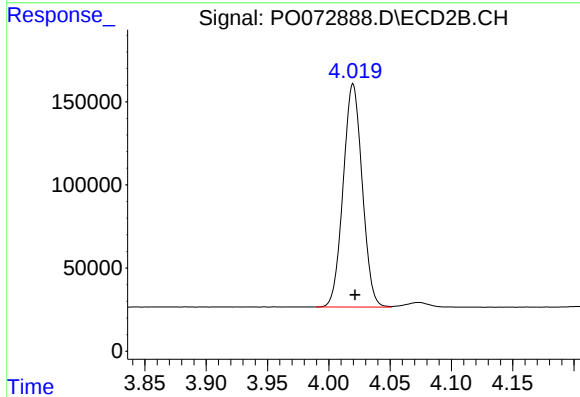
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

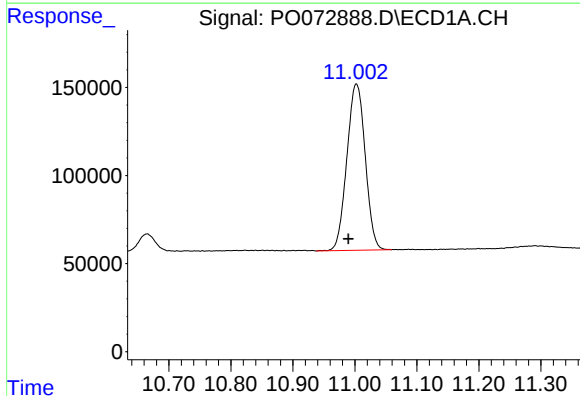
R.T.: 4.964 min
Delta R.T.: 0.014 min
Response: 2097754
Conc: 45.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



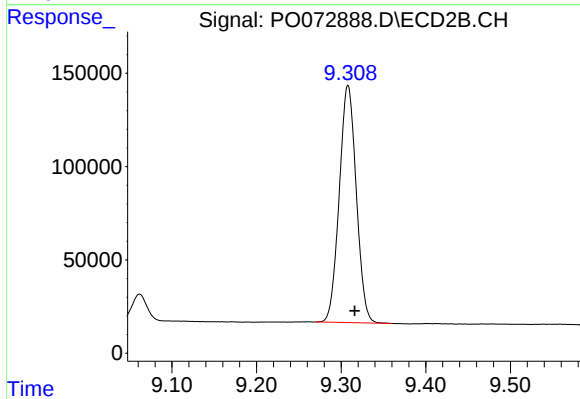
#1 Tetrachloro-m-xylene

R.T.: 4.020 min
Delta R.T.: -0.002 min
Response: 1451144
Conc: 41.41 ng/ml



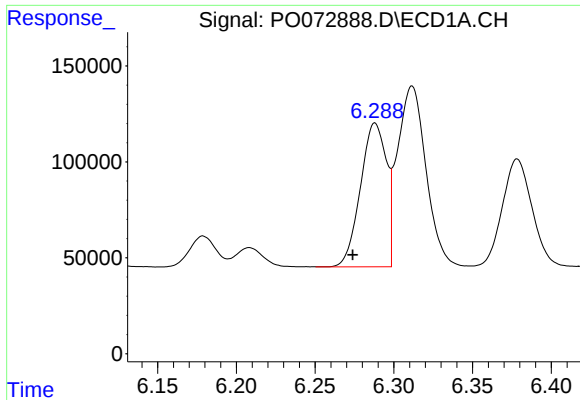
#2 Decachlorobiphenyl

R.T.: 11.002 min
Delta R.T.: 0.013 min
Response: 1944893
Conc: 52.64 ng/ml



#2 Decachlorobiphenyl

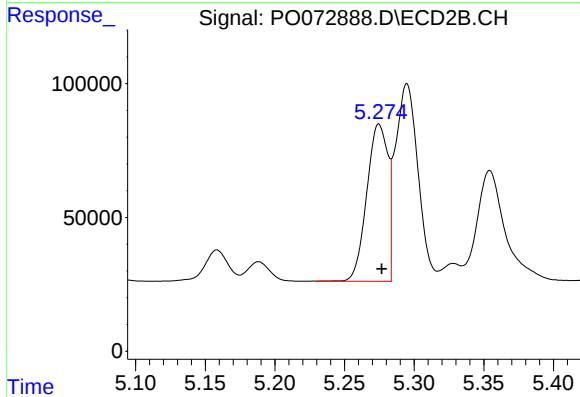
R.T.: 9.308 min
Delta R.T.: -0.008 min
Response: 1776220
Conc: 53.26 ng/ml



#3 AR-1016-1

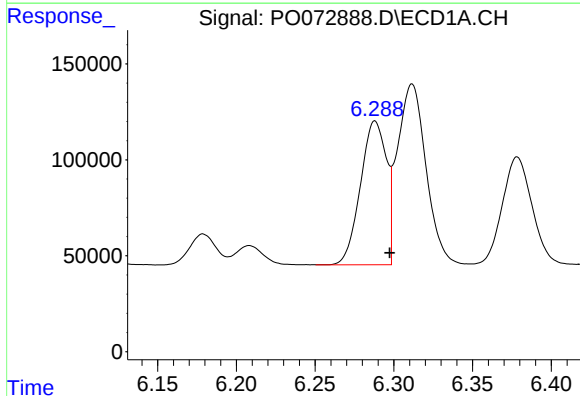
R.T.: 6.288 min
Delta R.T.: 0.014 min
Response: 859508
Conc: 503.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



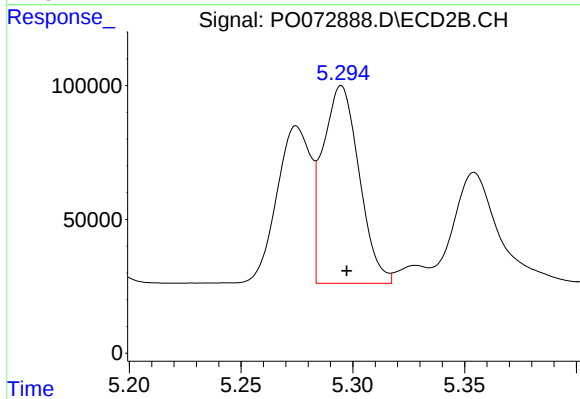
#3 AR-1016-1

R.T.: 5.275 min
Delta R.T.: -0.002 min
Response: 620155
Conc: 432.03 ng/ml



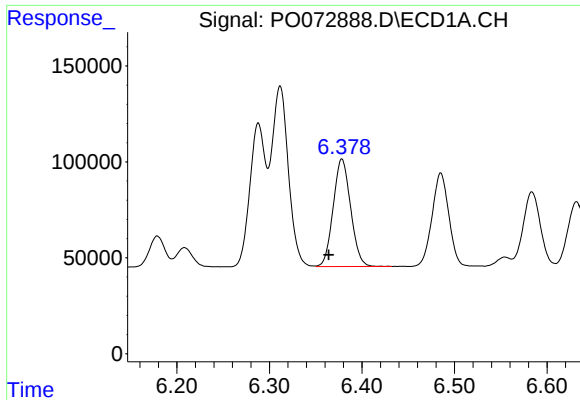
#4 AR-1016-2

R.T.: 6.288 min
Delta R.T.: -0.009 min
Response: 859508
Conc: 364.31 ng/ml



#4 AR-1016-2

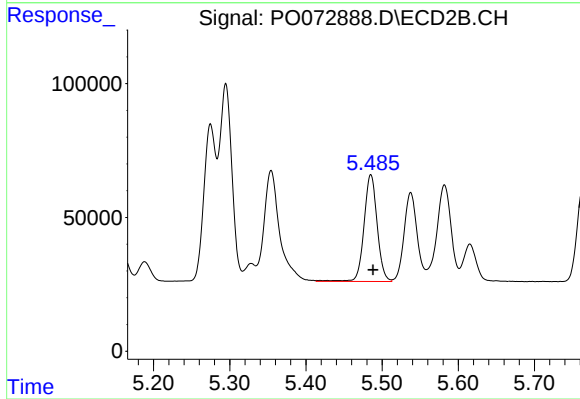
R.T.: 5.295 min
Delta R.T.: -0.002 min
Response: 835229
Conc: 431.66 ng/ml



#5 AR-1016-3

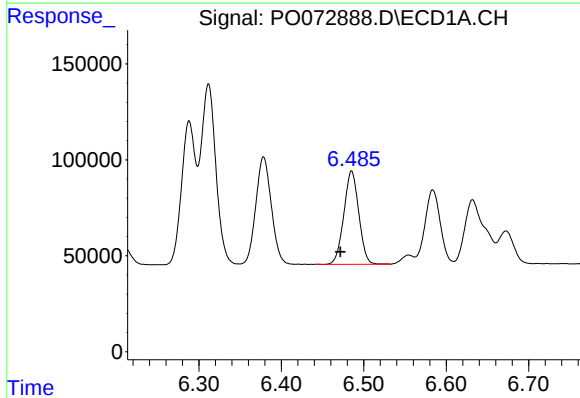
R.T.: 6.378 min
Delta R.T.: 0.014 min
Response: 736125
Conc: 510.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



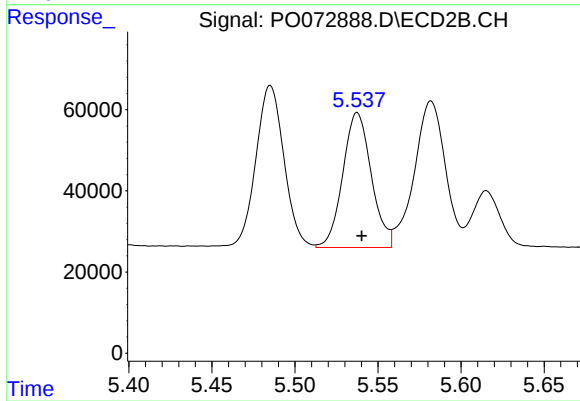
#5 AR-1016-3

R.T.: 5.485 min
Delta R.T.: -0.003 min
Response: 479728
Conc: 457.53 ng/ml



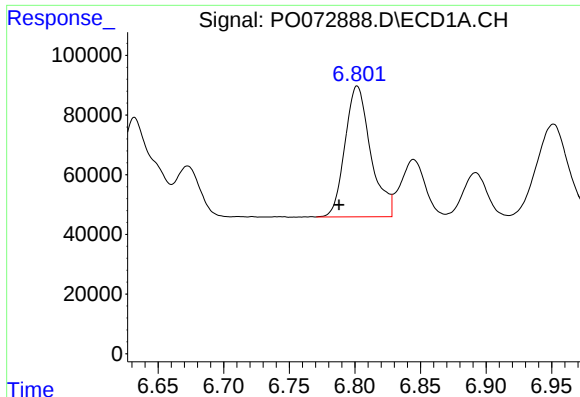
#6 AR-1016-4

R.T.: 6.485 min
Delta R.T.: 0.014 min
Response: 612667
Conc: 521.47 ng/ml



#6 AR-1016-4

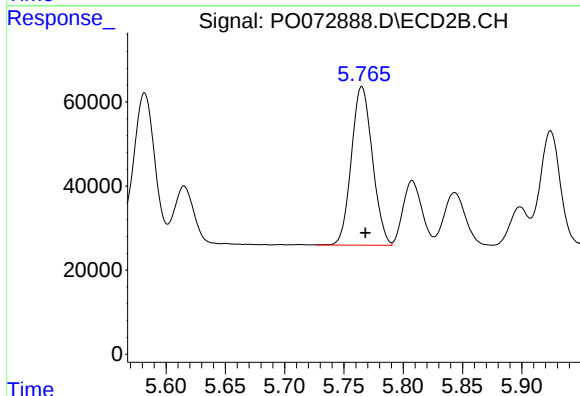
R.T.: 5.537 min
Delta R.T.: -0.003 min
Response: 397414
Conc: 458.71 ng/ml



#7 AR-1016-5

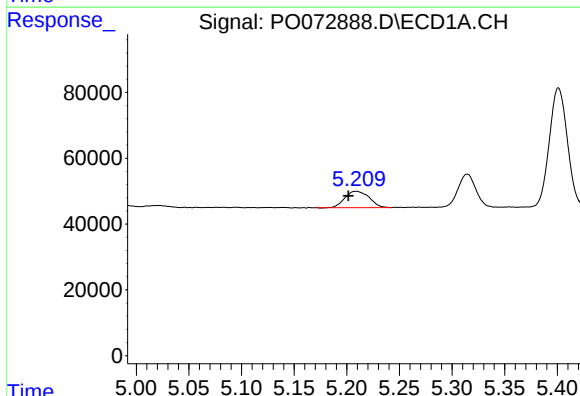
R.T.: 6.802 min
Delta R.T.: 0.014 min
Response: 598752
Conc: 558.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



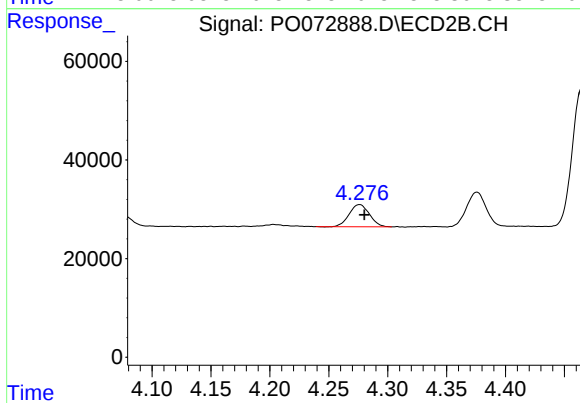
#7 AR-1016-5

R.T.: 5.765 min
Delta R.T.: -0.003 min
Response: 465539
Conc: 433.19 ng/ml



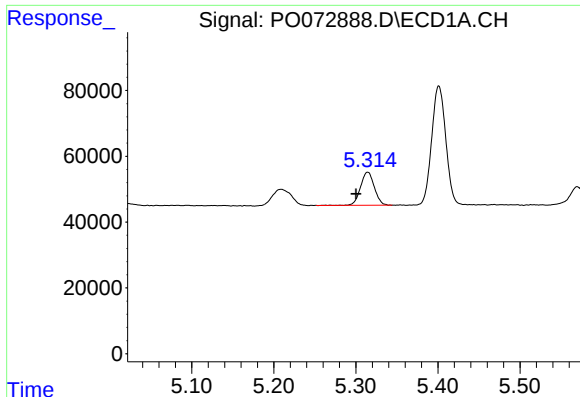
#8 AR-1221-1

R.T.: 5.209 min
Delta R.T.: 0.007 min
Response: 80582
Conc: 146.00 ng/ml



#8 AR-1221-1

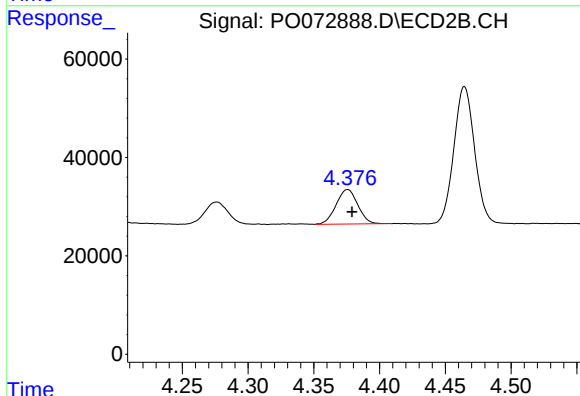
R.T.: 4.276 min
Delta R.T.: -0.004 min
Response: 53654
Conc: 119.02 ng/ml



#9 AR-1221-2

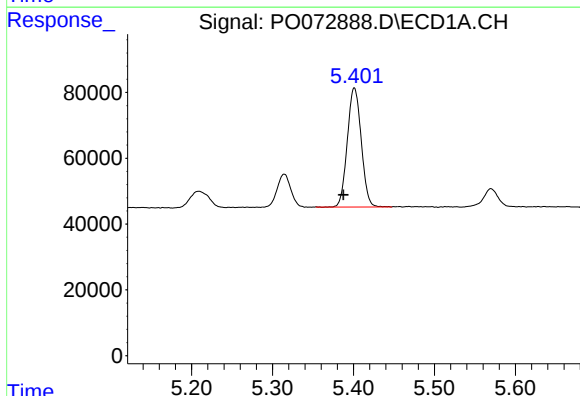
R.T.: 5.315 min
Delta R.T.: 0.014 min
Response: 118030
Conc: 289.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



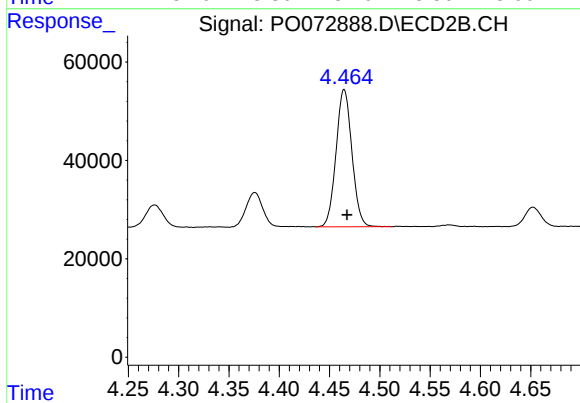
#9 AR-1221-2

R.T.: 4.376 min
Delta R.T.: -0.003 min
Response: 80363
Conc: 236.63 ng/ml



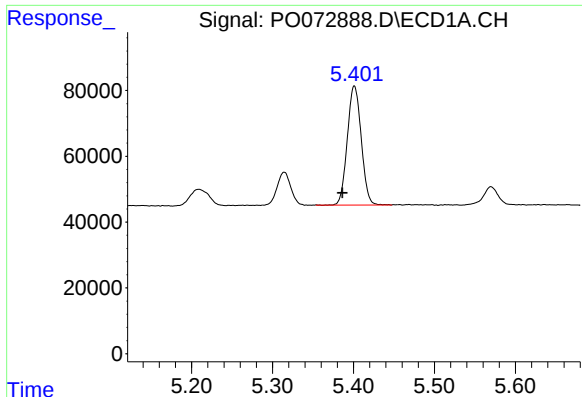
#10 AR-1221-3

R.T.: 5.401 min
Delta R.T.: 0.013 min
Response: 432767
Conc: 351.10 ng/ml



#10 AR-1221-3

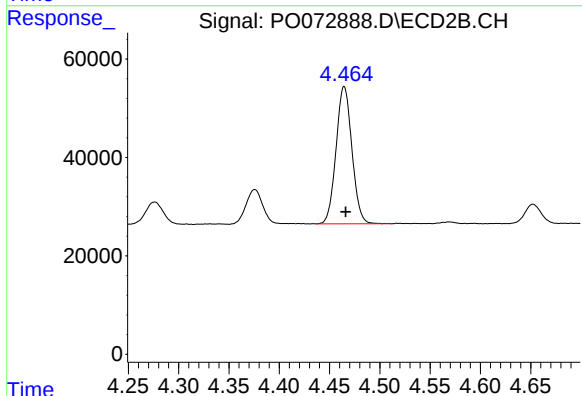
R.T.: 4.465 min
Delta R.T.: -0.003 min
Response: 306873
Conc: 301.90 ng/ml



#11 AR-1232-1

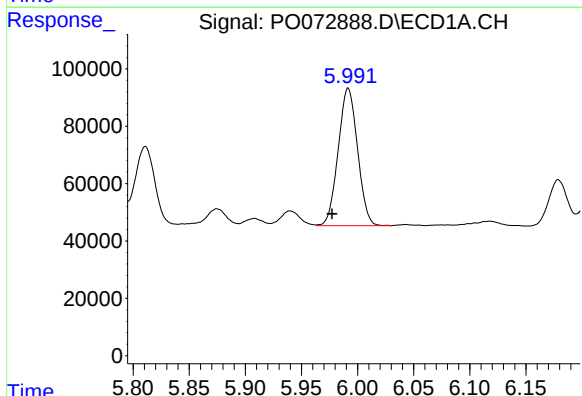
R.T.: 5.401 min
Delta R.T.: 0.015 min
Response: 432767
Conc: 406.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



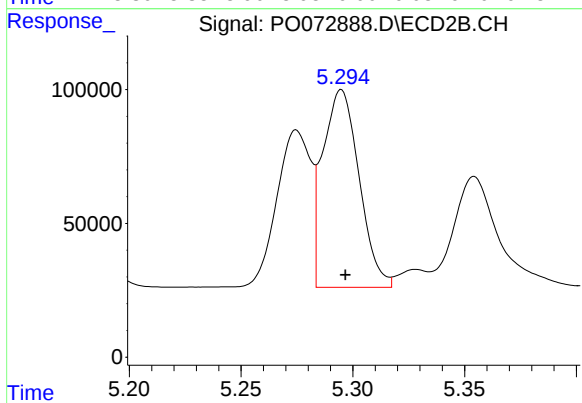
#11 AR-1232-1

R.T.: 4.465 min
Delta R.T.: -0.002 min
Response: 306873
Conc: 350.06 ng/ml



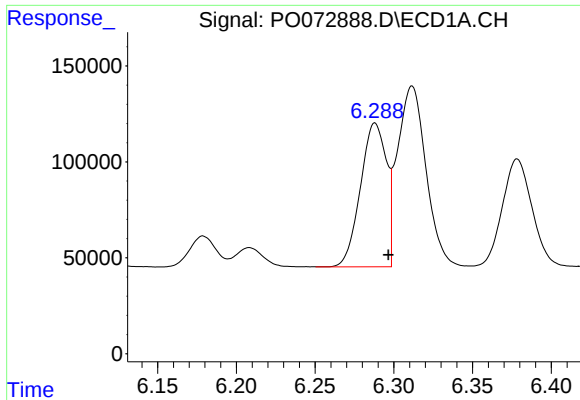
#12 AR-1232-2

R.T.: 5.992 min
Delta R.T.: 0.014 min
Response: 574848
Conc: 1085.85 ng/ml



#12 AR-1232-2

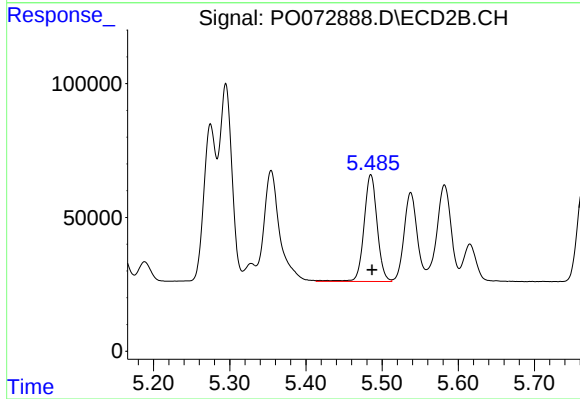
R.T.: 5.295 min
Delta R.T.: -0.002 min
Response: 835229
Conc: 953.59 ng/ml



#13 AR-1232-3

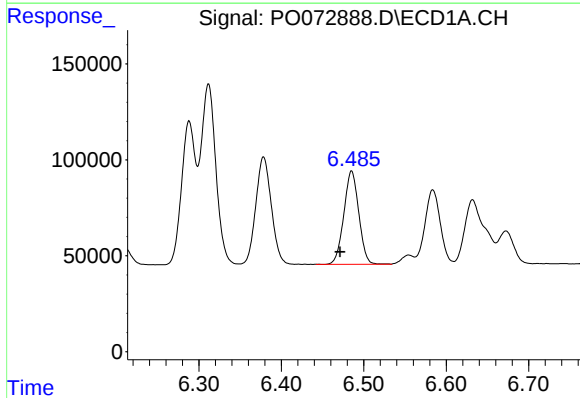
R.T.: 6.288 min
Delta R.T.: -0.009 min
Response: 859508
Conc: 831.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



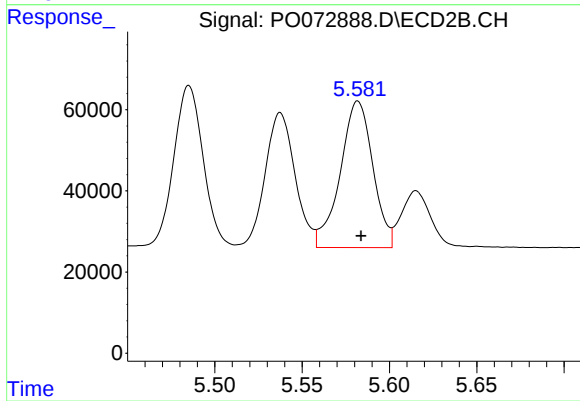
#13 AR-1232-3

R.T.: 5.485 min
Delta R.T.: -0.002 min
Response: 479728
Conc: 1021.12 ng/ml



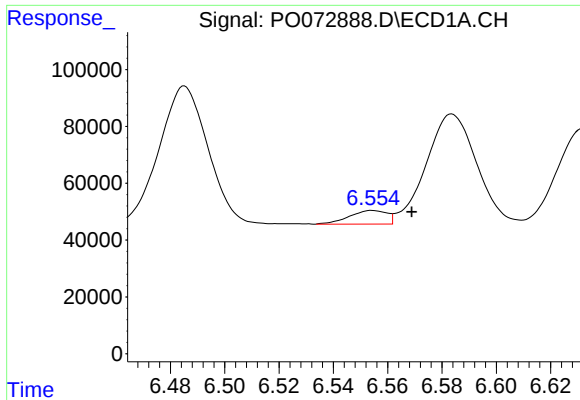
#14 AR-1232-4

R.T.: 6.485 min
Delta R.T.: 0.014 min
Response: 612667
Conc: 1192.12 ng/ml



#14 AR-1232-4

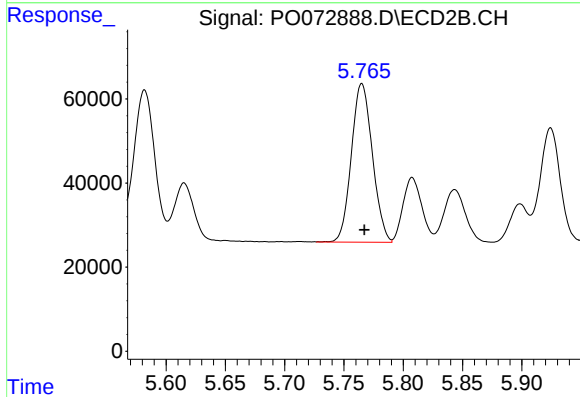
R.T.: 5.582 min
Delta R.T.: -0.002 min
Response: 469892
Conc: 1103.47 ng/ml



#15 AR-1232-5

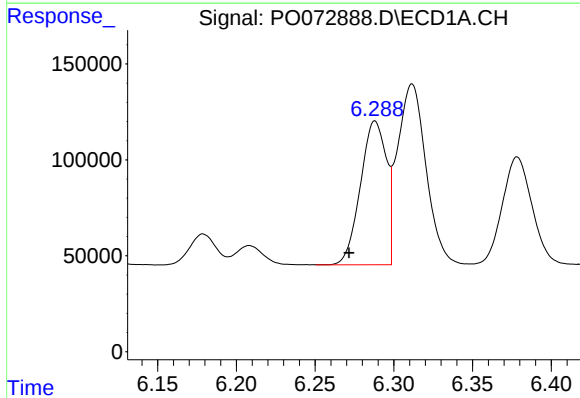
R.T.: 6.554 min
Delta R.T.: -0.015 min
Response: 45865
Conc: 129.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



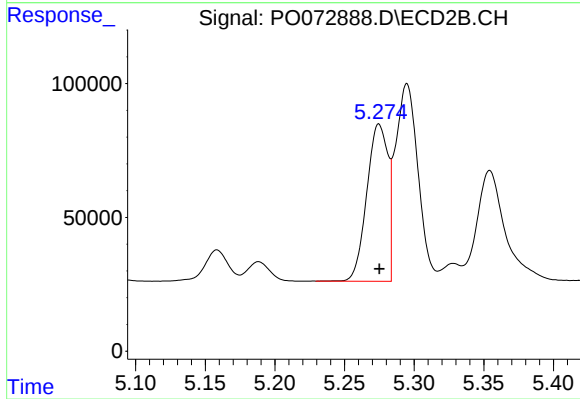
#15 AR-1232-5

R.T.: 5.765 min
Delta R.T.: -0.002 min
Response: 465539
Conc: 997.75 ng/ml



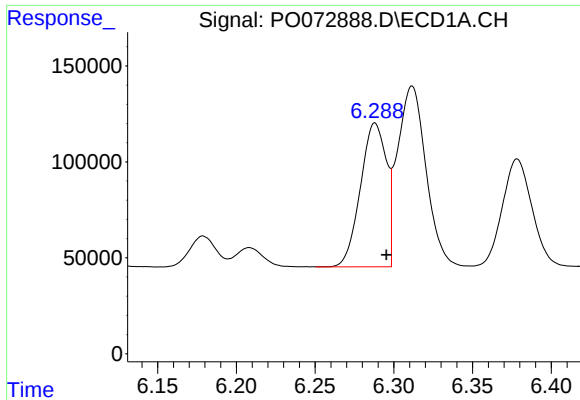
#16 AR-1242-1

R.T.: 6.288 min
Delta R.T.: 0.017 min
Response: 859508
Conc: 617.81 ng/ml



#16 AR-1242-1

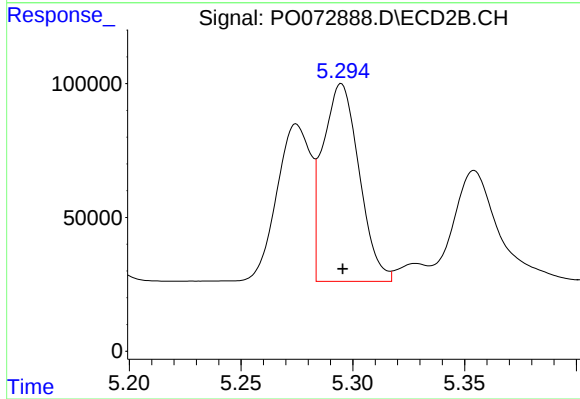
R.T.: 5.275 min
Delta R.T.: 0.000 min
Response: 620155
Conc: 527.45 ng/ml



#17 AR-1242-2

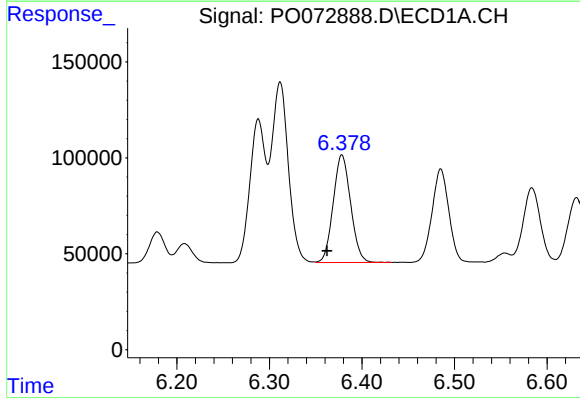
R.T.: 6.288 min
Delta R.T.: -0.007 min
Response: 859508
Conc: 449.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



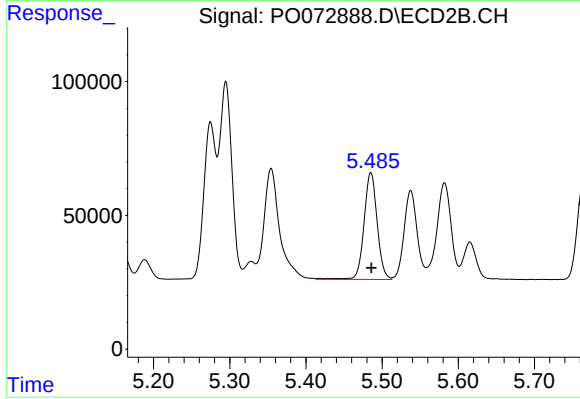
#17 AR-1242-2

R.T.: 5.295 min
Delta R.T.: 0.000 min
Response: 835229
Conc: 525.94 ng/ml



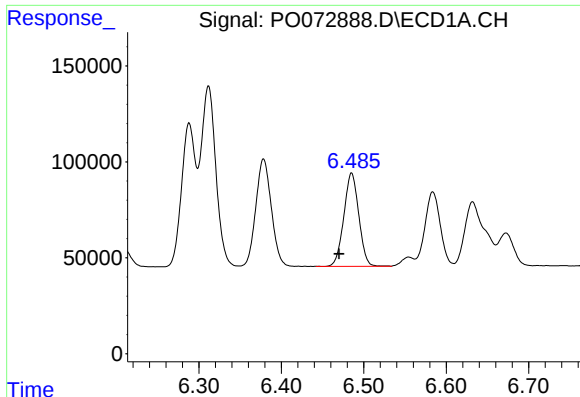
#18 AR-1242-3

R.T.: 6.378 min
Delta R.T.: 0.016 min
Response: 736125
Conc: 621.64 ng/ml



#18 AR-1242-3

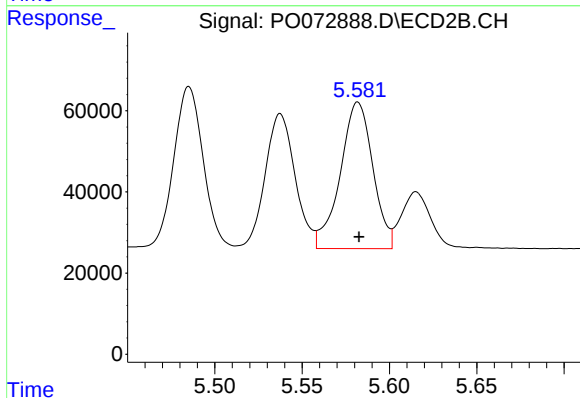
R.T.: 5.485 min
Delta R.T.: 0.000 min
Response: 479728
Conc: 554.94 ng/ml



#19 AR-1242-4

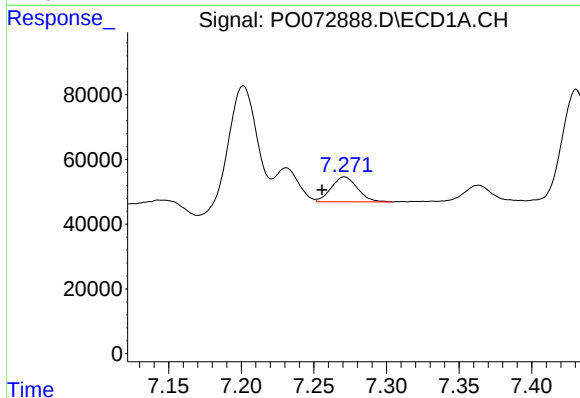
R.T.: 6.485 min
Delta R.T.: 0.015 min
Response: 612667
Conc: 632.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



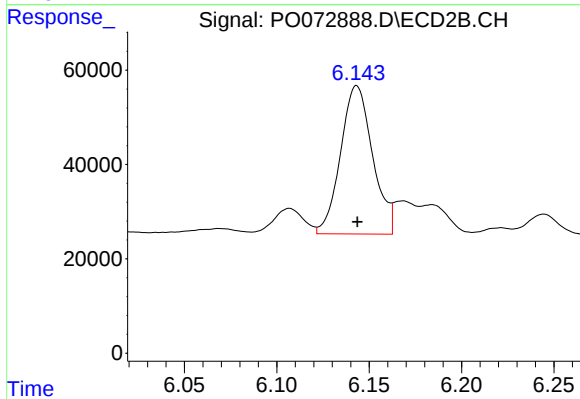
#19 AR-1242-4

R.T.: 5.582 min
Delta R.T.: 0.000 min
Response: 469892
Conc: 566.13 ng/ml



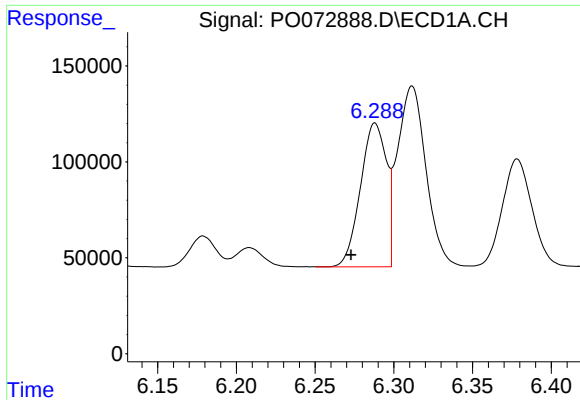
#20 AR-1242-5

R.T.: 7.271 min
Delta R.T.: 0.015 min
Response: 96669
Conc: 94.37 ng/ml



#20 AR-1242-5

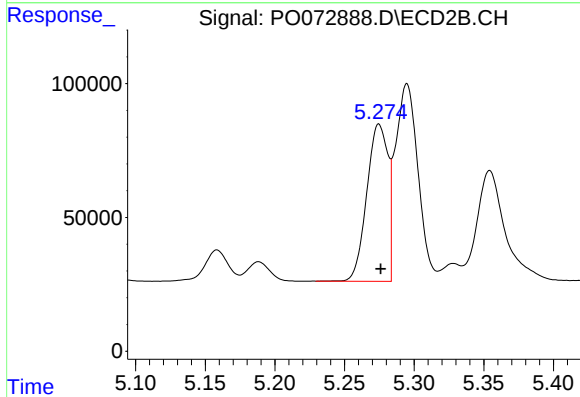
R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 379529
Conc: 353.68 ng/ml



#21 AR-1248-1

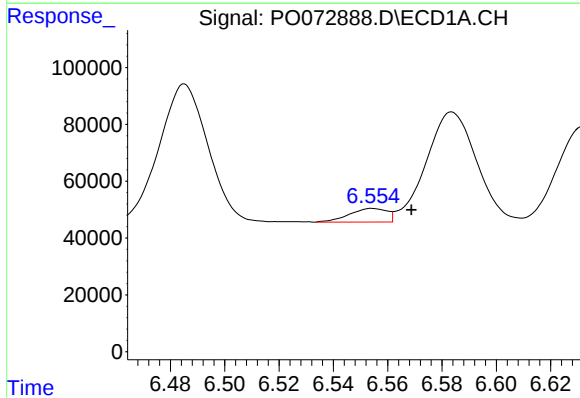
R.T.: 6.288 min
Delta R.T.: 0.015 min
Response: 859508
Conc: 832.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



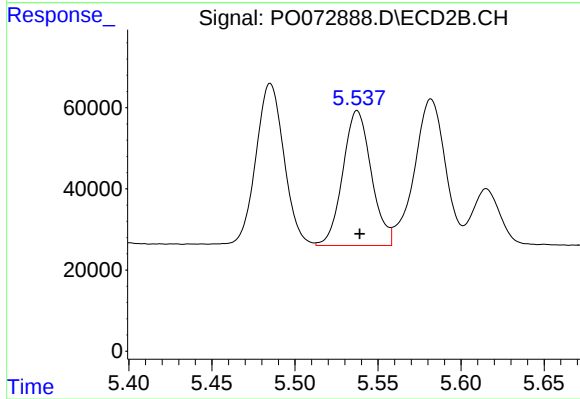
#21 AR-1248-1

R.T.: 5.275 min
Delta R.T.: -0.001 min
Response: 620155
Conc: 654.15 ng/ml



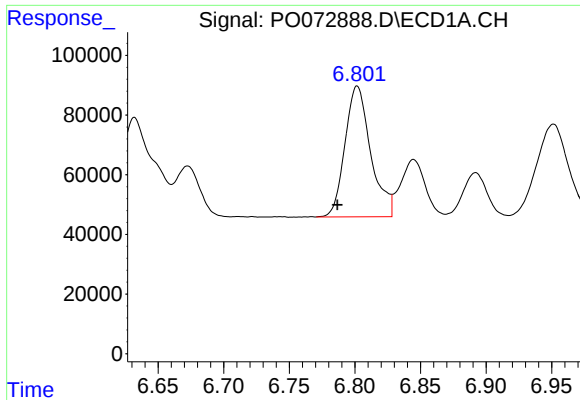
#22 AR-1248-2

R.T.: 6.554 min
Delta R.T.: -0.014 min
Response: 45865
Conc: 34.89 ng/ml



#22 AR-1248-2

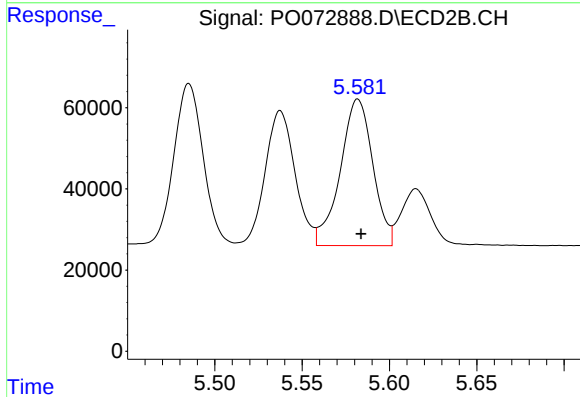
R.T.: 5.537 min
Delta R.T.: -0.001 min
Response: 397414
Conc: 315.97 ng/ml



#23 AR-1248-3

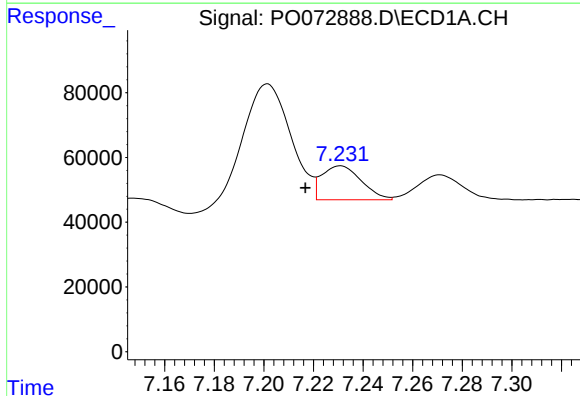
R.T.: 6.802 min
Delta R.T.: 0.015 min
Response: 598752
Conc: 404.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



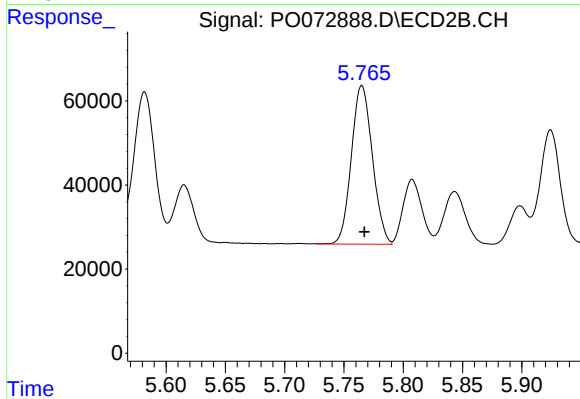
#23 AR-1248-3

R.T.: 5.582 min
Delta R.T.: -0.002 min
Response: 469892
Conc: 363.34 ng/ml



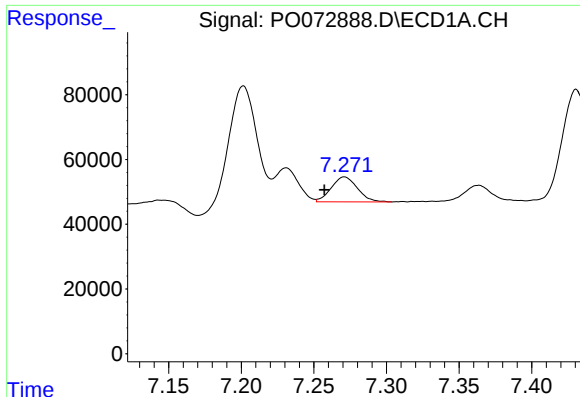
#24 AR-1248-4

R.T.: 7.231 min
Delta R.T.: 0.014 min
Response: 116058
Conc: 64.26 ng/ml



#24 AR-1248-4

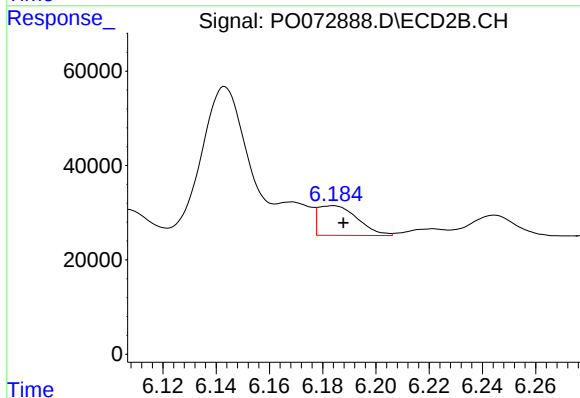
R.T.: 5.765 min
Delta R.T.: -0.002 min
Response: 465539
Conc: 299.64 ng/ml



#25 AR-1248-5

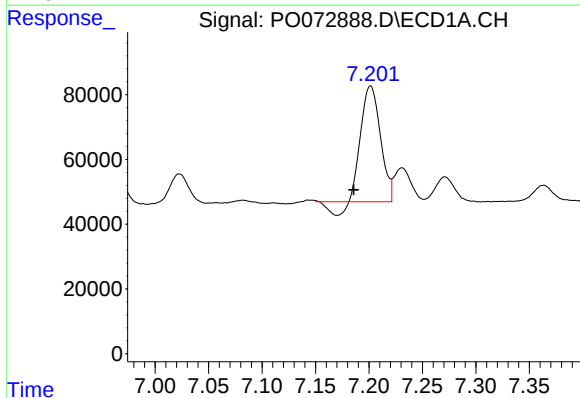
R.T.: 7.271 min
Delta R.T.: 0.014 min
Response: 96669
Conc: 56.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



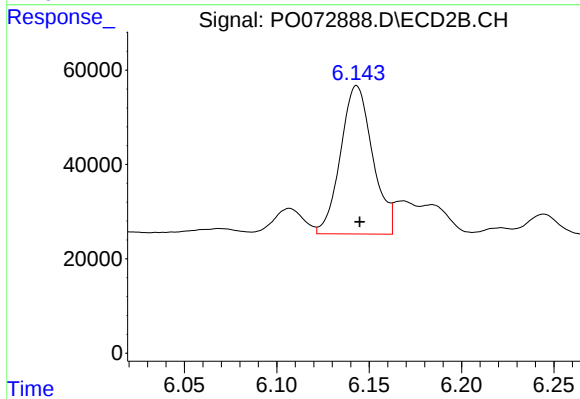
#25 AR-1248-5

R.T.: 6.184 min
Delta R.T.: -0.004 min
Response: 64223
Conc: 41.71 ng/ml



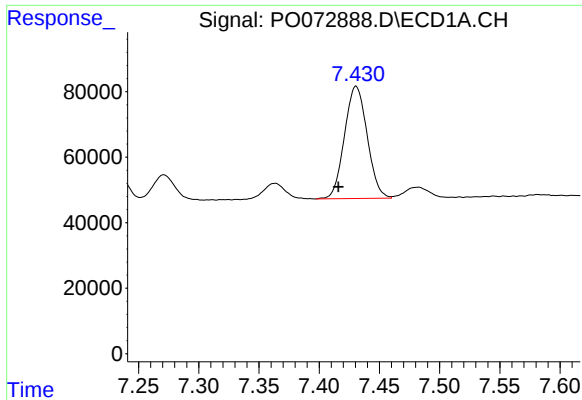
#26 AR-1254-1

R.T.: 7.201 min
Delta R.T.: 0.016 min
Response: 423959
Conc: 244.63 ng/ml



#26 AR-1254-1

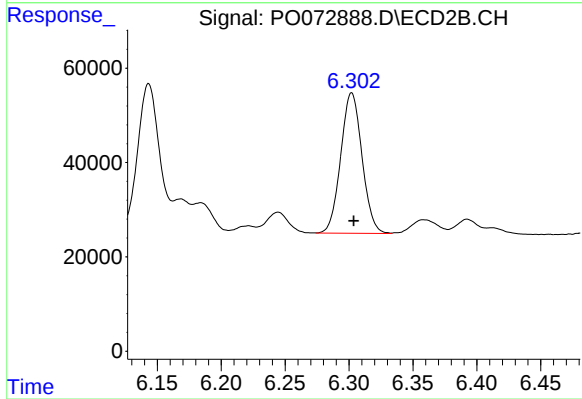
R.T.: 6.143 min
Delta R.T.: -0.002 min
Response: 379529
Conc: 168.62 ng/ml



#27 AR-1254-2

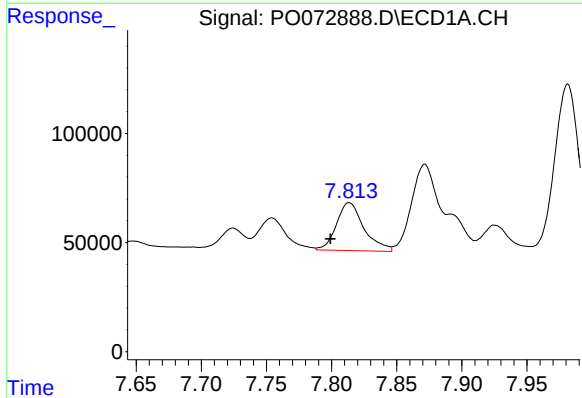
R.T.: 7.431 min
Delta R.T.: 0.015 min
Response: 450448
Conc: 168.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



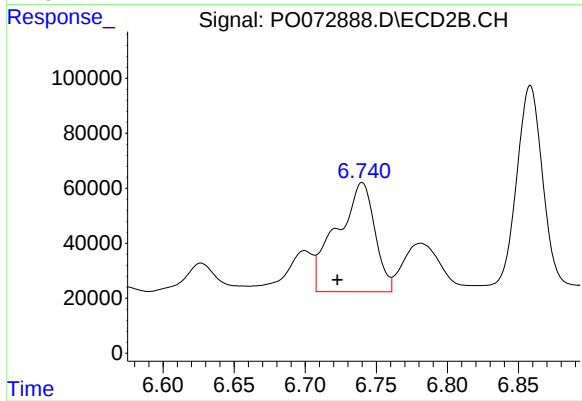
#27 AR-1254-2

R.T.: 6.302 min
Delta R.T.: -0.002 min
Response: 345643
Conc: 172.09 ng/ml



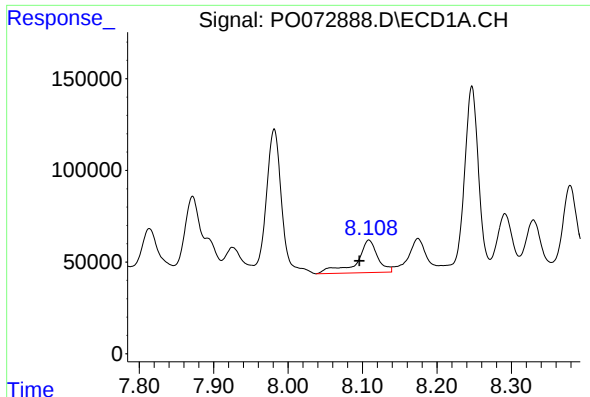
#28 AR-1254-3

R.T.: 7.814 min
Delta R.T.: 0.014 min
Response: 322313
Conc: 119.26 ng/ml



#28 AR-1254-3

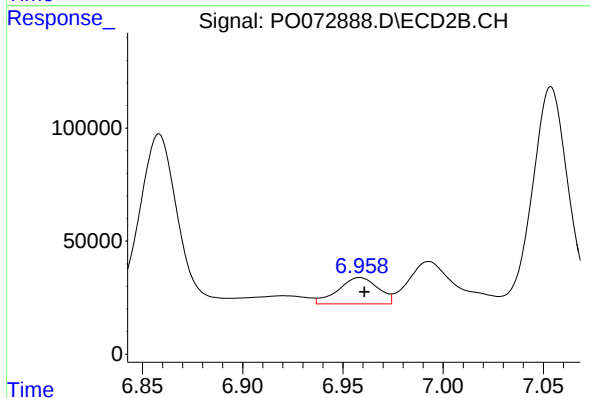
R.T.: 6.740 min
Delta R.T.: 0.017 min
Response: 736536
Conc: 231.82 ng/ml



#29 AR-1254-4

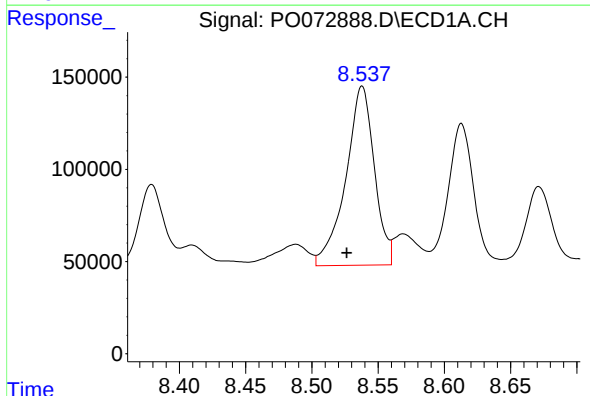
R.T.: 8.109 min
Delta R.T.: 0.013 min
Response: 349457
Conc: 159.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



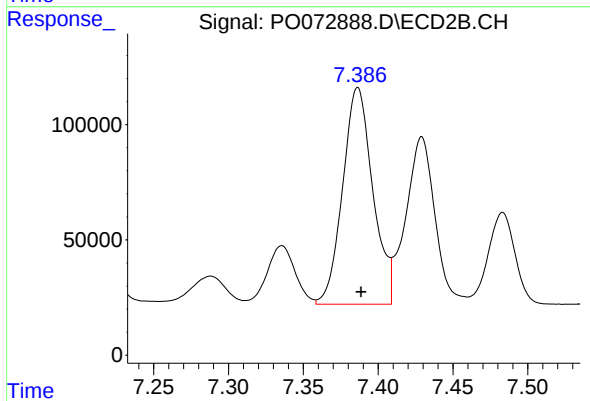
#29 AR-1254-4

R.T.: 6.958 min
Delta R.T.: -0.002 min
Response: 160940
Conc: 74.00 ng/ml



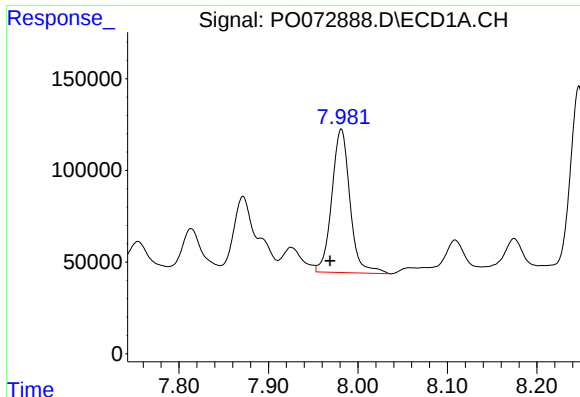
#30 AR-1254-5

R.T.: 8.538 min
Delta R.T.: 0.012 min
Response: 1460635
Conc: 663.43 ng/ml



#30 AR-1254-5

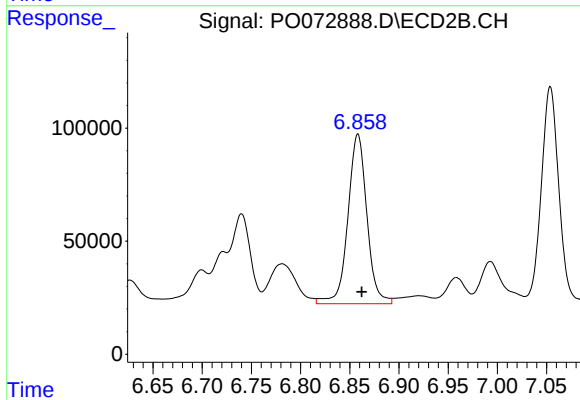
R.T.: 7.386 min
Delta R.T.: -0.002 min
Response: 1319255
Conc: 473.99 ng/ml



#31 AR-1260-1

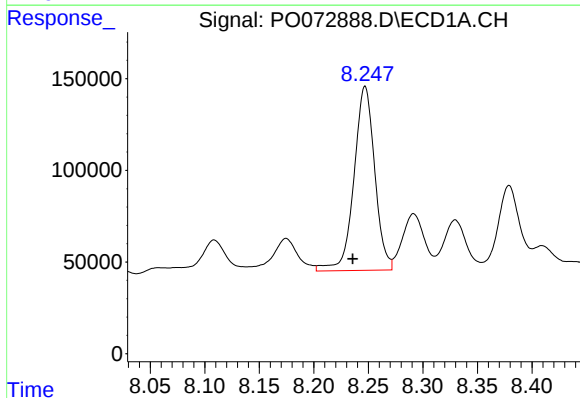
R.T.: 7.981 min
Delta R.T.: 0.012 min
Response: 1103091
Conc: 593.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



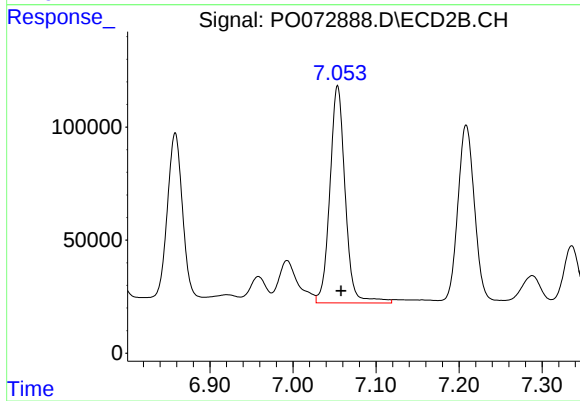
#31 AR-1260-1

R.T.: 6.858 min
Delta R.T.: -0.004 min
Response: 1011253
Conc: 508.55 ng/ml



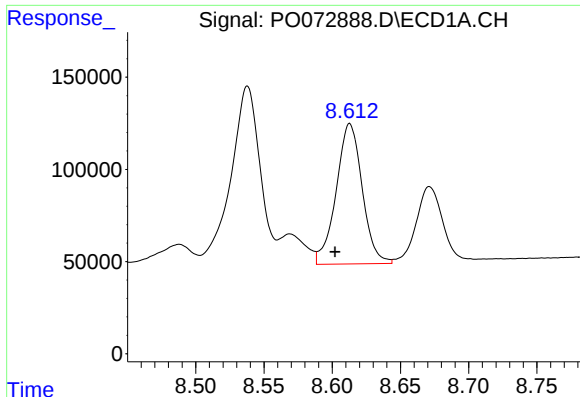
#32 AR-1260-2

R.T.: 8.247 min
Delta R.T.: 0.011 min
Response: 1332423
Conc: 586.23 ng/ml



#32 AR-1260-2

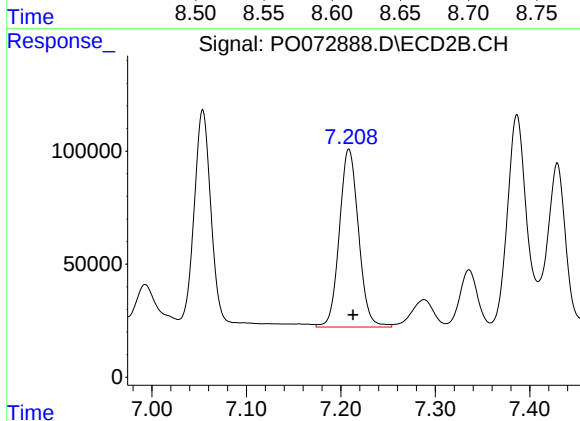
R.T.: 7.054 min
Delta R.T.: -0.004 min
Response: 1231043
Conc: 491.31 ng/ml



#33 AR-1260-3

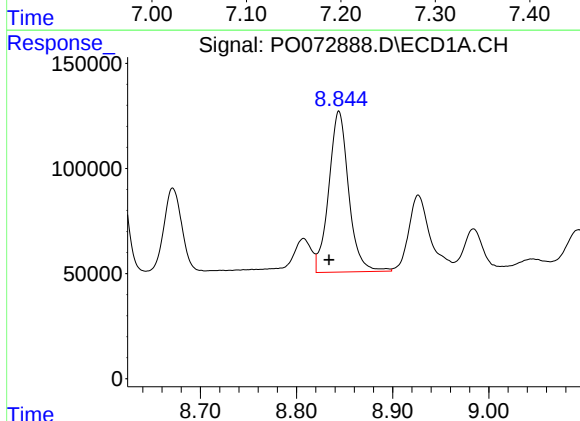
R.T.: 8.613 min
Delta R.T.: 0.011 min
Response: 1014013
Conc: 591.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



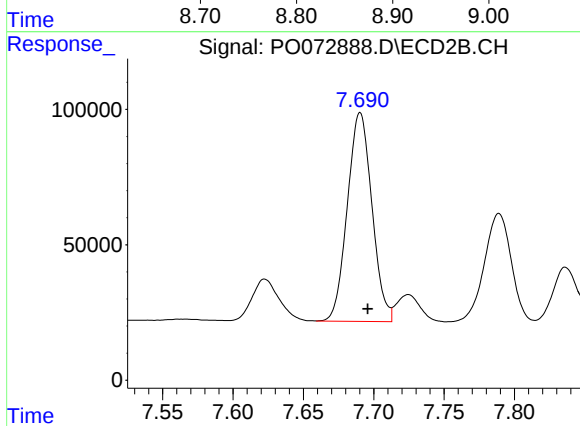
#33 AR-1260-3

R.T.: 7.209 min
Delta R.T.: -0.004 min
Response: 1110459
Conc: 503.80 ng/ml



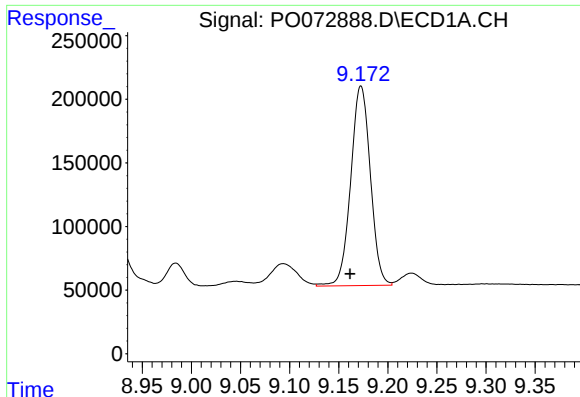
#34 AR-1260-4

R.T.: 8.844 min
Delta R.T.: 0.010 min
Response: 1099677
Conc: 550.50 ng/ml



#34 AR-1260-4

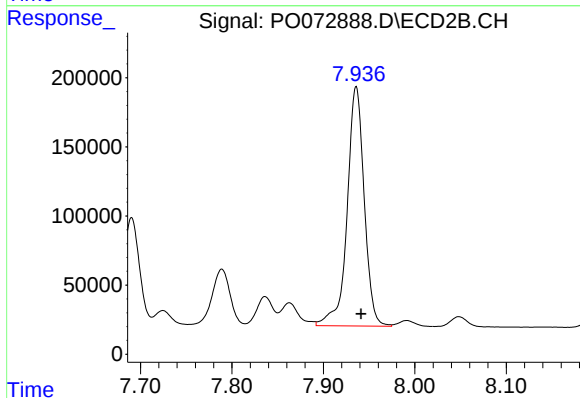
R.T.: 7.690 min
Delta R.T.: -0.005 min
Response: 938907
Conc: 510.15 ng/ml



#35 AR-1260-5

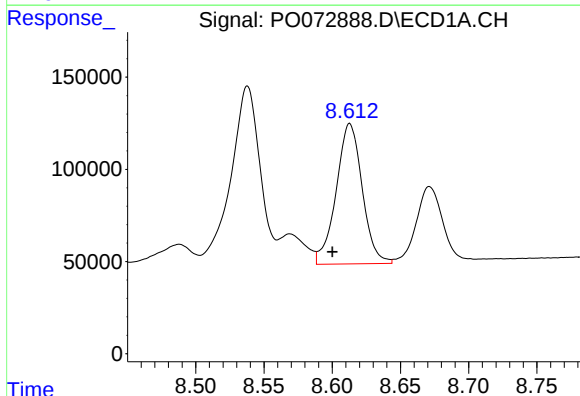
R.T.: 9.173 min
Delta R.T.: 0.011 min
Response: 2181320
Conc: 537.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



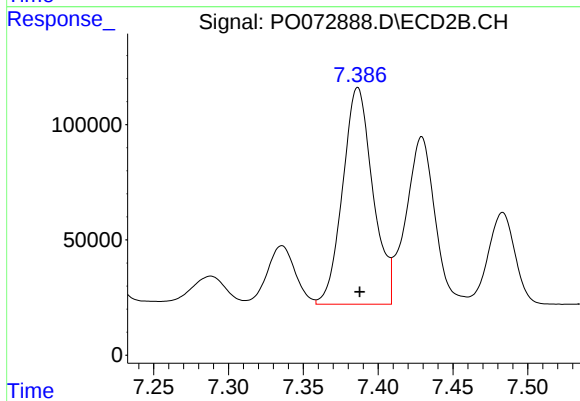
#35 AR-1260-5

R.T.: 7.936 min
Delta R.T.: -0.006 min
Response: 2245574
Conc: 510.93 ng/ml



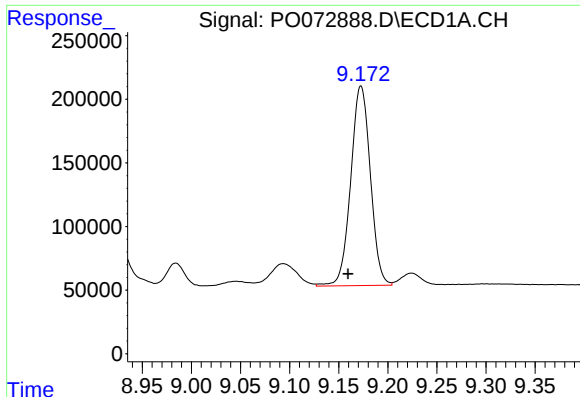
#36 AR-1262-1

R.T.: 8.613 min
Delta R.T.: 0.013 min
Response: 1014013
Conc: 423.97 ng/ml



#36 AR-1262-1

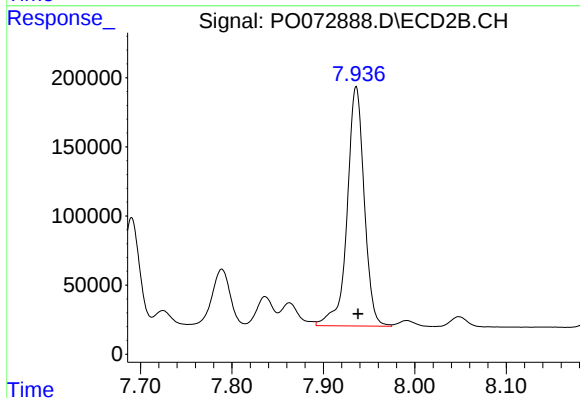
R.T.: 7.386 min
Delta R.T.: -0.001 min
Response: 1319255
Conc: 951.46 ng/ml



#37 AR-1262-2

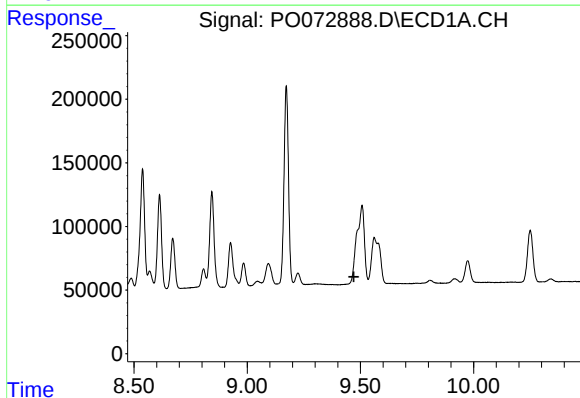
R.T.: 9.173 min
Delta R.T.: 0.013 min
Response: 2181320
Conc: 493.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



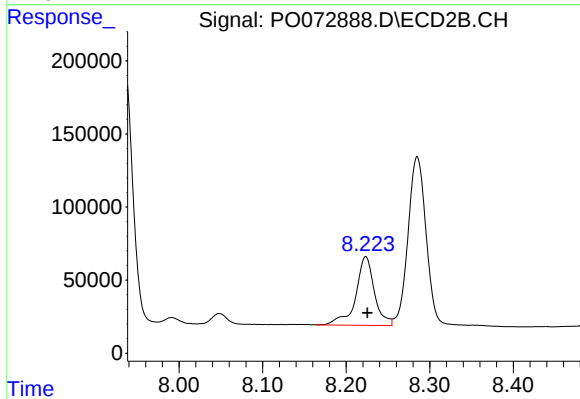
#37 AR-1262-2

R.T.: 7.936 min
Delta R.T.: -0.002 min
Response: 2245574
Conc: 492.24 ng/ml



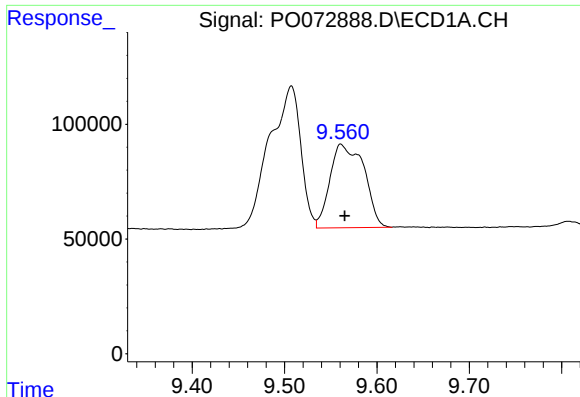
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.471 min
Response: 0
Conc: N.D.



#38 AR-1262-3

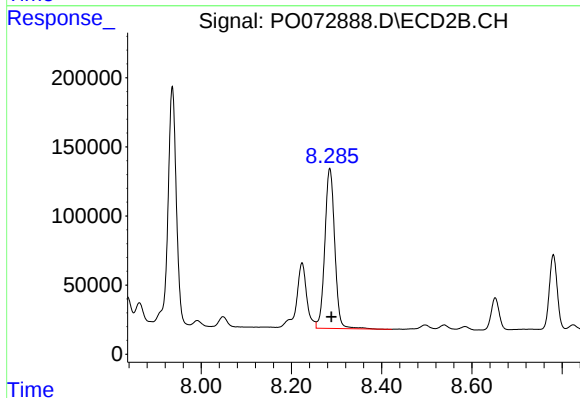
R.T.: 8.223 min
Delta R.T.: -0.002 min
Response: 735874
Conc: 402.15 ng/ml



#39 AR-1262-4

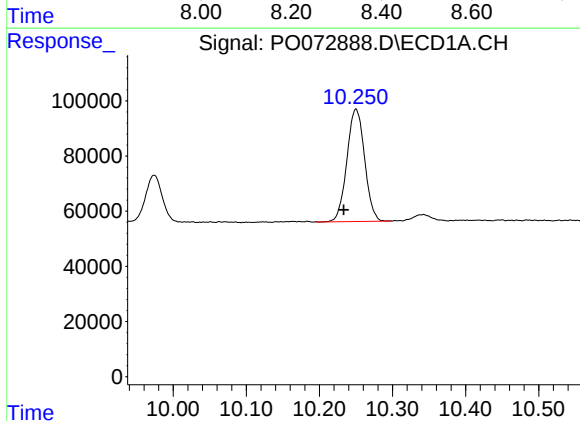
R.T.: 9.561 min
Delta R.T.: -0.004 min
Response: 931392
Conc: 388.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



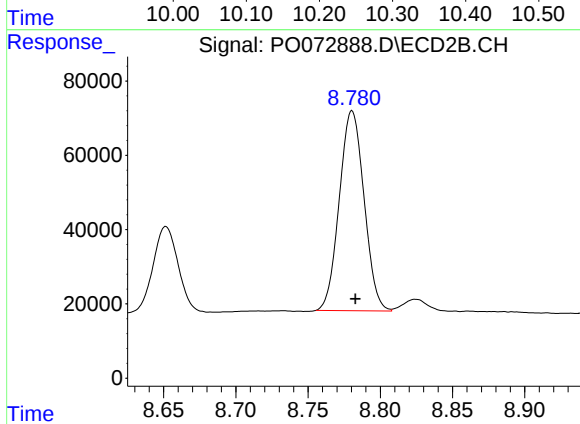
#39 AR-1262-4

R.T.: 8.285 min
Delta R.T.: -0.003 min
Response: 1762916
Conc: 529.54 ng/ml



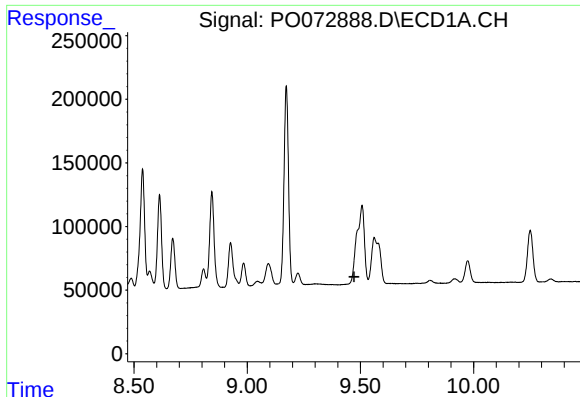
#40 AR-1262-5

R.T.: 10.250 min
Delta R.T.: 0.017 min
Response: 687196
Conc: 409.26 ng/ml



#40 AR-1262-5

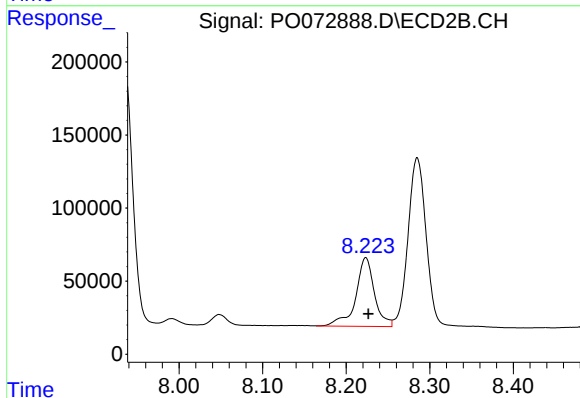
R.T.: 8.780 min
Delta R.T.: -0.002 min
Response: 642172
Conc: 392.16 ng/ml



#41 AR-1268-1

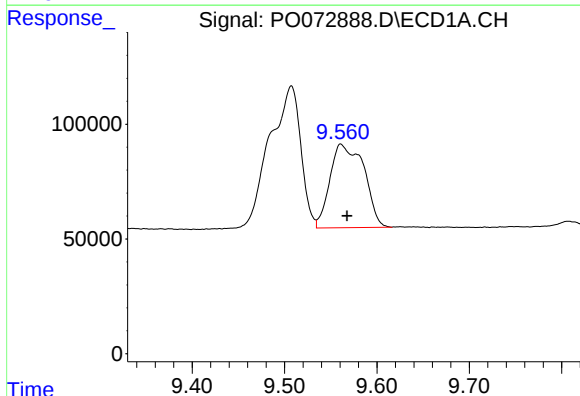
R.T.: 0.000 min
Exp R.T.: 9.472 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



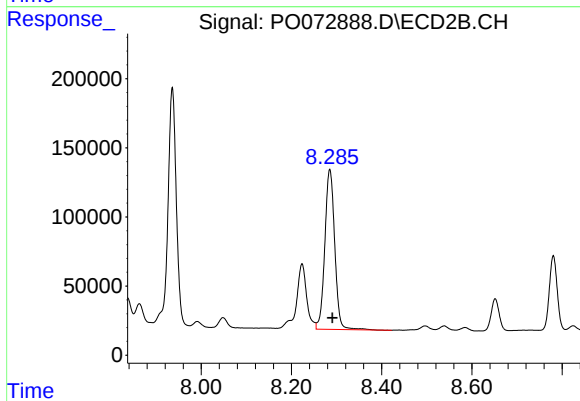
#41 AR-1268-1

R.T.: 8.223 min
Delta R.T.: -0.003 min
Response: 735874
Conc: 141.21 ng/ml



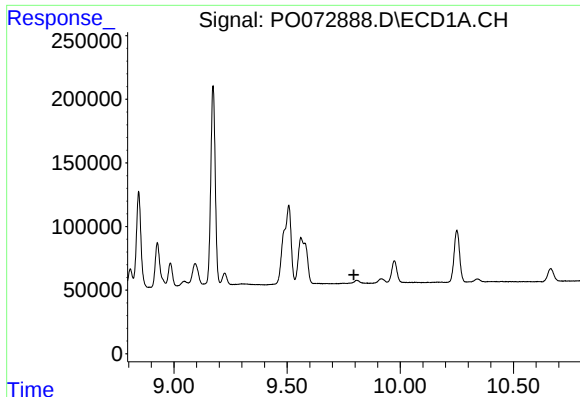
#42 AR-1268-2

R.T.: 9.561 min
Delta R.T.: -0.007 min
Response: 931392
Conc: 184.00 ng/ml



#42 AR-1268-2

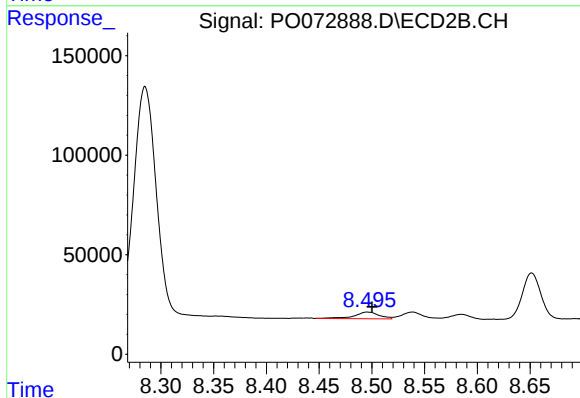
R.T.: 8.285 min
Delta R.T.: -0.006 min
Response: 1762916
Conc: 376.34 ng/ml



#43 AR-1268-3

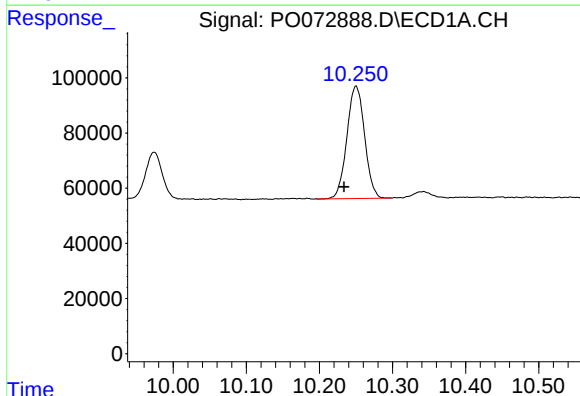
R.T.: 0.000 min
Exp R.T.: 9.795 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



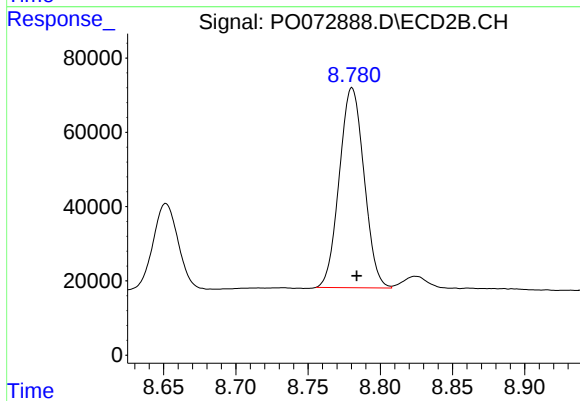
#43 AR-1268-3

R.T.: 8.496 min
Delta R.T.: -0.004 min
Response: 55595
Conc: 13.21 ng/ml



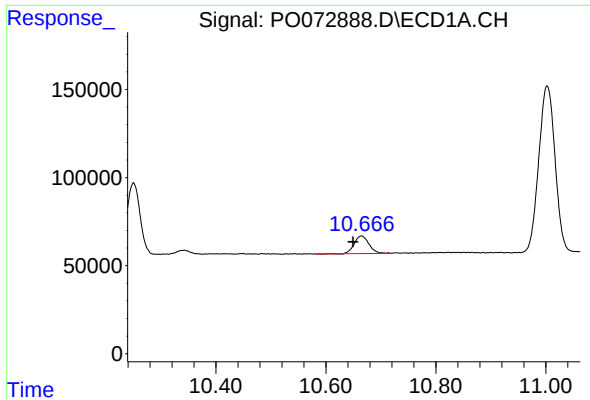
#44 AR-1268-4

R.T.: 10.250 min
Delta R.T.: 0.016 min
Response: 687196
Conc: 363.54 ng/ml



#44 AR-1268-4

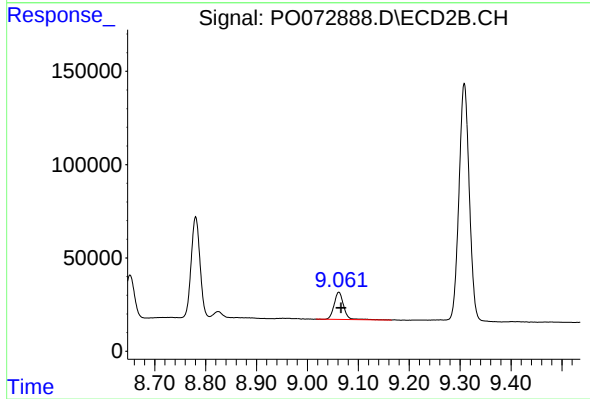
R.T.: 8.780 min
Delta R.T.: -0.003 min
Response: 642172
Conc: 349.38 ng/ml



#45 AR-1268-5

R.T.: 10.665 min
Delta R.T.: 0.016 min
Response: 185928
Conc: 13.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.062 min
Delta R.T.: -0.004 min
Response: 191954
Conc: 14.82 ng/ml