

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102920\
 Data File : PO072896.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 29 Oct 2020 13:41
 Operator : DD\AJ
 Sample : 500 PPB SPIKE TEST
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 17:51:49 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...	4.937	0.000	56227	0	1.219	N.D. #
2)	SA Decachlor...	0.000	9.307	0	23987	N.D.	0.719 #
Target Compounds							
3)	L1 AR-1016-1	6.274	5.277	966083	688925	565.927	479.942
4)	L1 AR-1016-2	6.298	5.297	1344923	925390	570.055	478.258
5)	L1 AR-1016-3	6.365	5.488	834313	515234	578.231	491.388
6)	L1 AR-1016-4	6.472	5.540	697744	423594	593.887	488.926
7)	L1 AR-1016-5	6.789	5.767	672625	540884	626.907	503.297
8)	L2 AR-1221-1	5.195	4.278	92908	64778	168.329	143.689
9)	L2 AR-1221-2	5.299	4.379	102129	73170	250.796	215.446
10)	L2 AR-1221-3	5.387	4.467	494149	343154	400.899	337.597
11)	L3 AR-1232-1	5.387	4.467	494149	343154	463.844	391.442
12)	L3 AR-1232-2	5.978	5.297	654840	925390	1236.952	1056.527
13)	L3 AR-1232-3	6.298	5.488	1344923	515234	1300.836	1096.699
14)	L3 AR-1232-4	6.472	5.584	697744	512615	1357.659	1203.794
15)	L3 AR-1232-5	6.571	5.767	554362	540884	1566.279	1159.236 #
16)	L4 AR-1242-1	6.274	5.277	966083	688925	694.410	585.937
17)	L4 AR-1242-2	6.298	5.297	1344923	925390	703.540	582.718
18)	L4 AR-1242-3	6.365	5.488	834313	515234	704.561	596.016
19)	L4 AR-1242-4	6.472	5.584	697744	512615	720.703	617.608
20)	L4 AR-1242-5	7.258	6.145	103249	445523	100.794	415.178 #
21)	L5 AR-1248-1	6.274	5.277	966083	688925	936.234	726.695
22)	L5 AR-1248-2	6.571	5.540	554362	423594	421.661	336.785
23)	L5 AR-1248-3	6.789	5.584	672625	512615	453.974	396.372
24)	L5 AR-1248-4	7.218	5.767	113829	540884	63.030	348.131 #
25)	L5 AR-1248-5	7.258	6.188	103249	77666	59.900	50.444
26)	L6 AR-1254-1	7.188	6.145	500528	445523	288.815	197.940 #
27)	L6 AR-1254-2	7.418	6.304	547880	445957	205.048	222.033
28)	L6 AR-1254-3	7.802	6.742f	308211	804880	114.043	253.335 #
29)	L6 AR-1254-4	8.097	6.961	210039	142173	95.845	65.369 #
30)	L6 AR-1254-5	8.528	7.388	1805804	1633542	820.208	586.910 #
31)	L7 AR-1260-1	7.970	6.860	1212878	1110342	652.133	558.379
32)	L7 AR-1260-2	8.236	7.056	1486231	1467605	653.898	585.723
33)	L7 AR-1260-3	8.603	7.210	998182	1286567	582.152	583.701
34)	L7 AR-1260-4	8.834	7.692	1146715	969980	574.049	527.037
35)	L7 AR-1260-5	9.162	7.938	2308688	2348672	569.179	534.386
36)	L8 AR-1262-1	8.603	7.388	998182	1633542	417.346	1178.132 #
37)	L8 AR-1262-2	9.162	7.938	2308688	2348672	521.833	514.837
38)	L8 AR-1262-3	9.497f	8.224	1542132	590627	479.375	322.772 #
39)	L8 AR-1262-4	9.550	8.285	883618	1728411	368.373	519.178 #
40)	L8 AR-1262-5	10.239	8.782	614777	568081	366.126	346.912
41)	L9 AR-1268-1	9.497f	8.224	1542132	590627	278.166	113.334 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102920\
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 Acq On : 29 Oct 2020 13:41
 Operator : DD\AJ
 Sample : 500 PPB SPIKE TEST
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

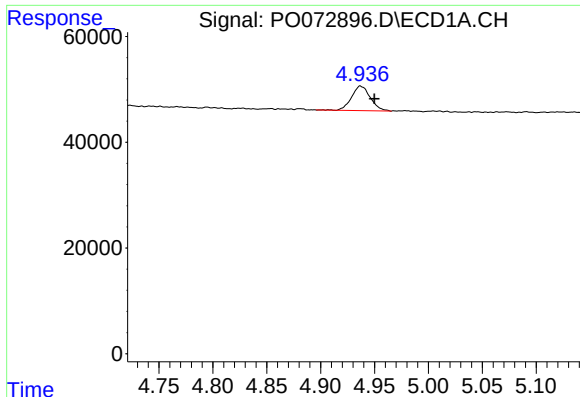
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 17:51:49 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102620.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.550f	8.285	883618	1728411	174.560	368.977 #
43) L9	AR-1268-3	9.796	8.498	59135	58501	13.633	13.902
44) L9	AR-1268-4	10.239	8.782	614777	568081	325.231	309.070
45) L9	AR-1268-5	10.654	9.063	181989	214965	13.119	16.599 #

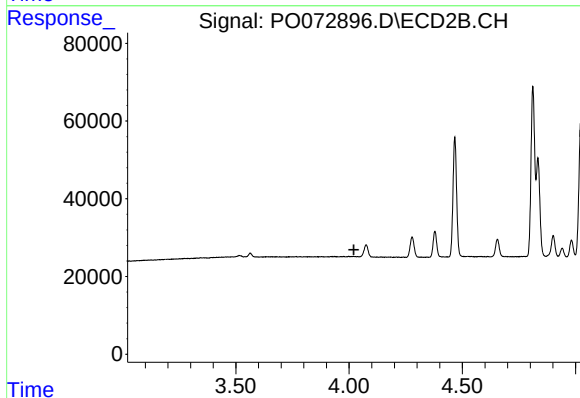
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

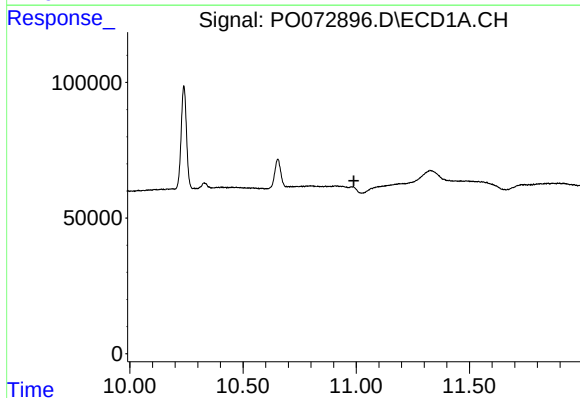
R.T.: 4.937 min
Delta R.T.: -0.013 min
Response: 56227
Conc: 1.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



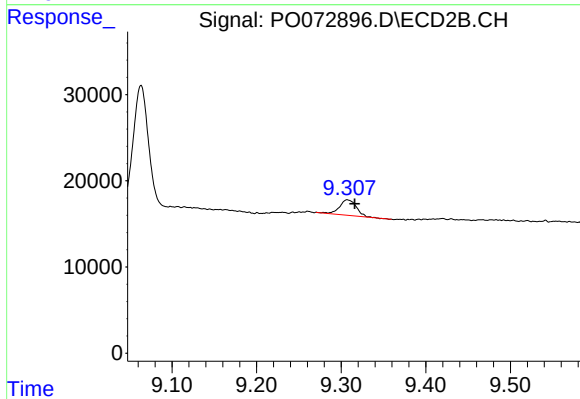
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T. : 4.022 min
Response: 0
Conc: N.D.



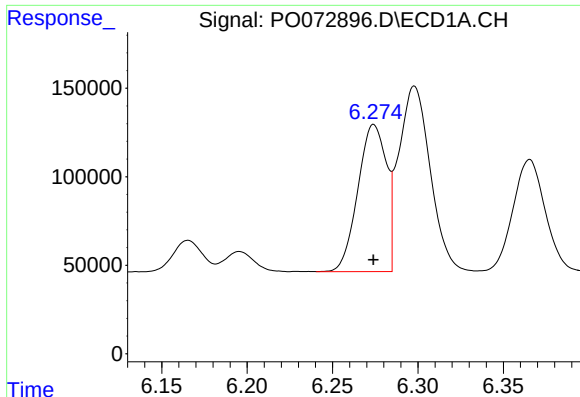
#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 10.989 min
Response: 0
Conc: N.D.



#2 Decachlorobiphenyl

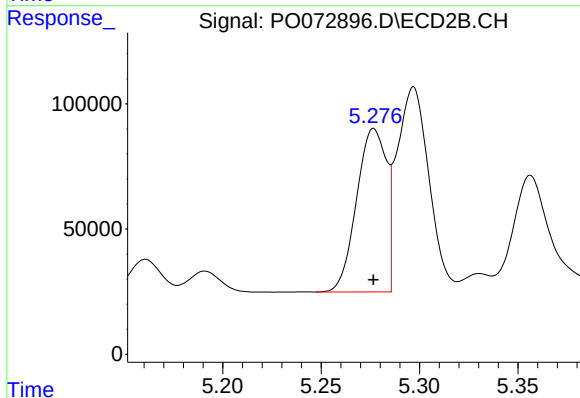
R.T.: 9.307 min
Delta R.T.: -0.009 min
Response: 23987
Conc: 0.72 ng/ml



#3 AR-1016-1

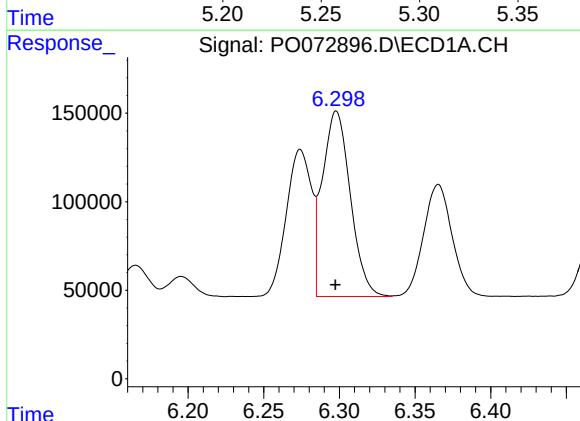
R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 966083
Conc: 565.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



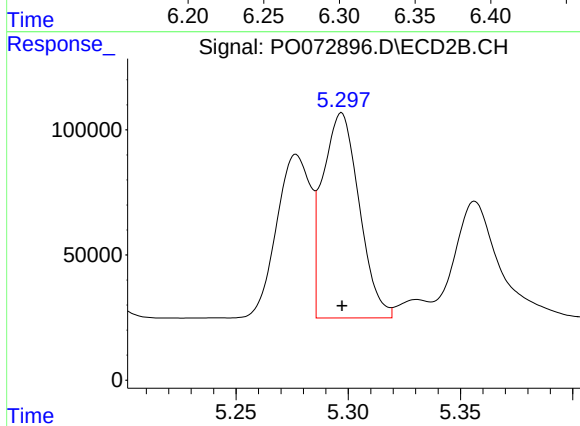
#3 AR-1016-1

R.T.: 5.277 min
Delta R.T.: 0.000 min
Response: 688925
Conc: 479.94 ng/ml



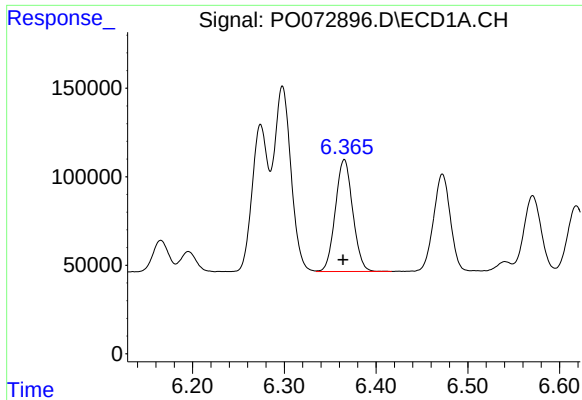
#4 AR-1016-2

R.T.: 6.298 min
Delta R.T.: 0.000 min
Response: 1344923
Conc: 570.06 ng/ml



#4 AR-1016-2

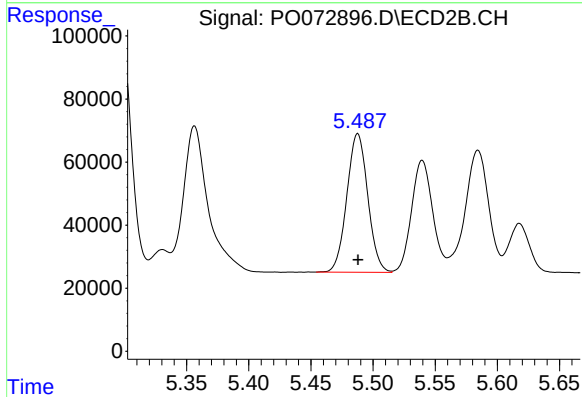
R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 925390
Conc: 478.26 ng/ml



#5 AR-1016-3

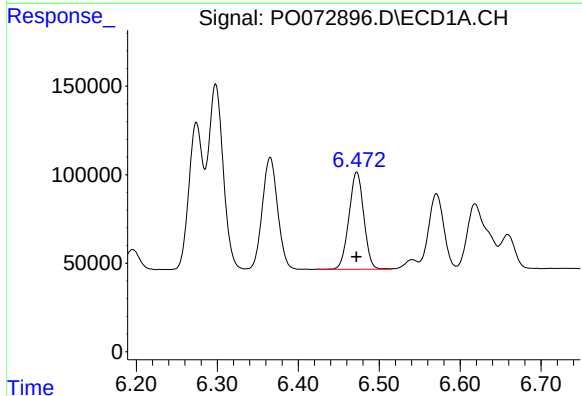
R.T.: 6.365 min
Delta R.T.: 0.001 min
Response: 834313
Conc: 578.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



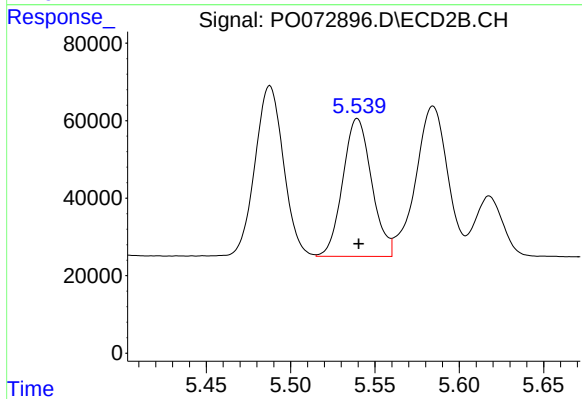
#5 AR-1016-3

R.T.: 5.488 min
Delta R.T.: 0.000 min
Response: 515234
Conc: 491.39 ng/ml



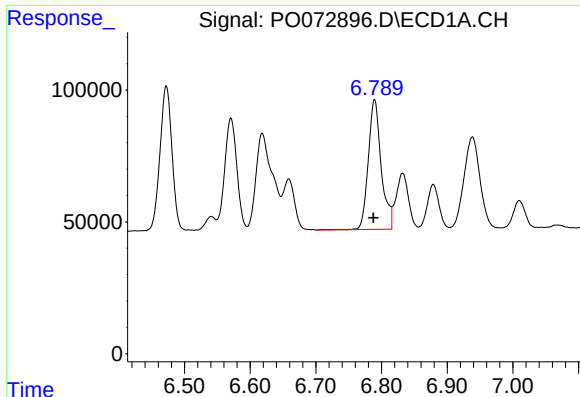
#6 AR-1016-4

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 697744
Conc: 593.89 ng/ml



#6 AR-1016-4

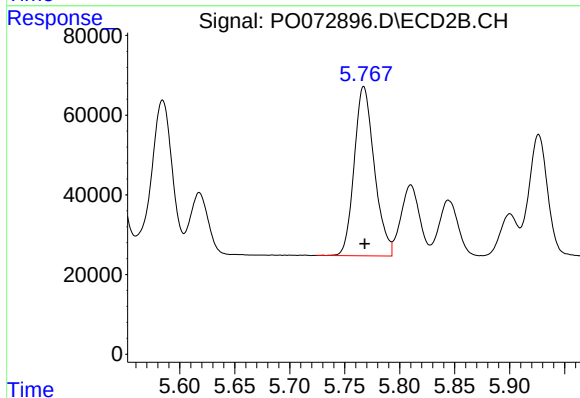
R.T.: 5.540 min
Delta R.T.: 0.000 min
Response: 423594
Conc: 488.93 ng/ml



#7 AR-1016-5

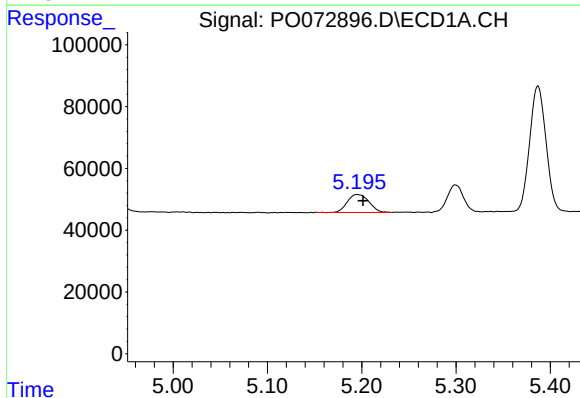
R.T.: 6.789 min
Delta R.T.: 0.001 min
Response: 672625
Conc: 626.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



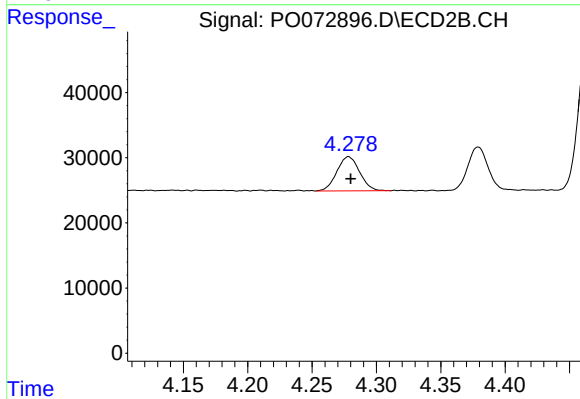
#7 AR-1016-5

R.T.: 5.767 min
Delta R.T.: 0.000 min
Response: 540884
Conc: 503.30 ng/ml



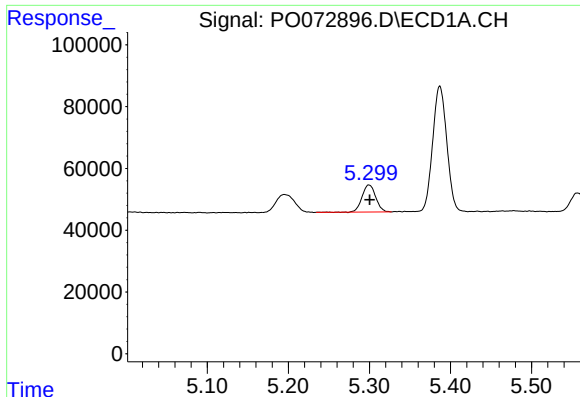
#8 AR-1221-1

R.T.: 5.195 min
Delta R.T.: -0.006 min
Response: 92908
Conc: 168.33 ng/ml



#8 AR-1221-1

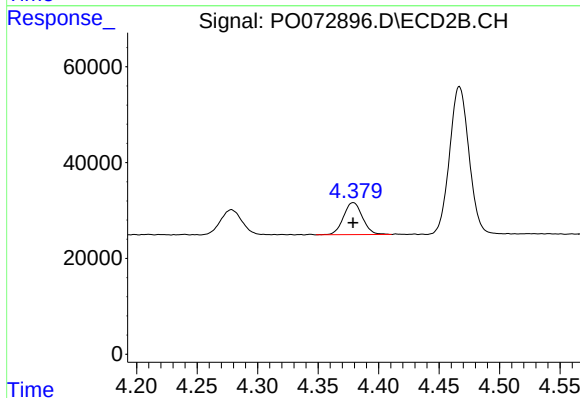
R.T.: 4.278 min
Delta R.T.: -0.002 min
Response: 64778
Conc: 143.69 ng/ml



#9 AR-1221-2

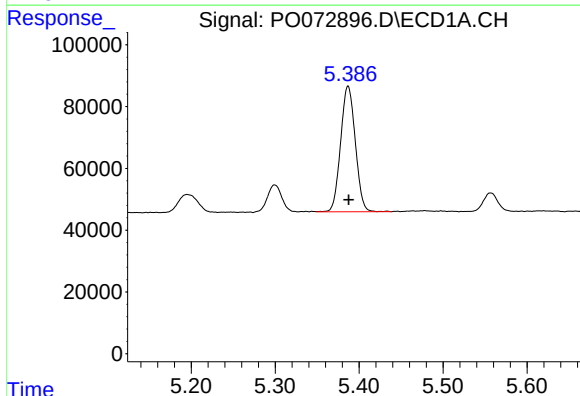
R.T.: 5.299 min
Delta R.T.: 0.000 min
Response: 102129
Conc: 250.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



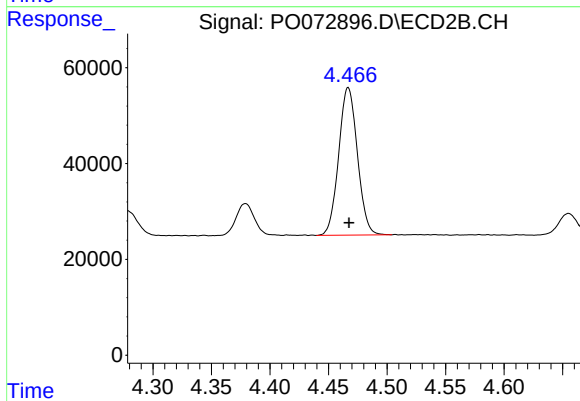
#9 AR-1221-2

R.T.: 4.379 min
Delta R.T.: 0.000 min
Response: 73170
Conc: 215.45 ng/ml



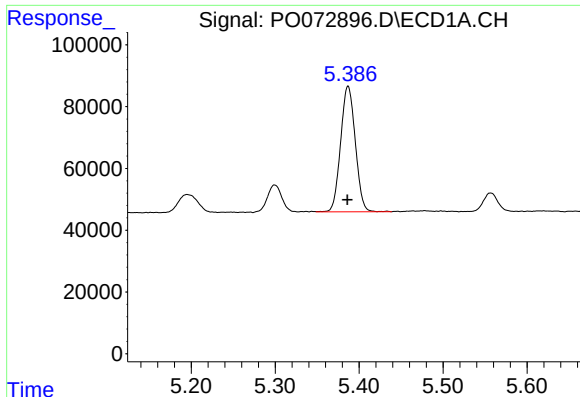
#10 AR-1221-3

R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 494149
Conc: 400.90 ng/ml



#10 AR-1221-3

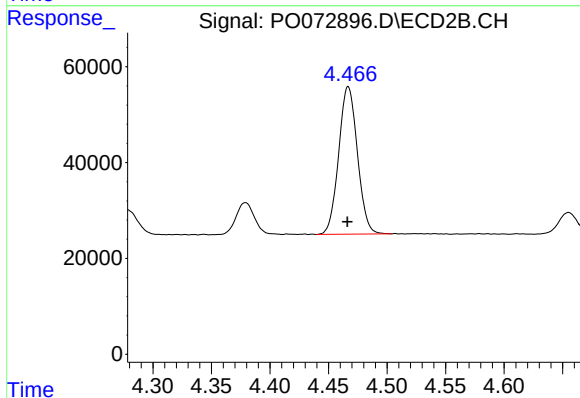
R.T.: 4.467 min
Delta R.T.: 0.000 min
Response: 343154
Conc: 337.60 ng/ml



#11 AR-1232-1

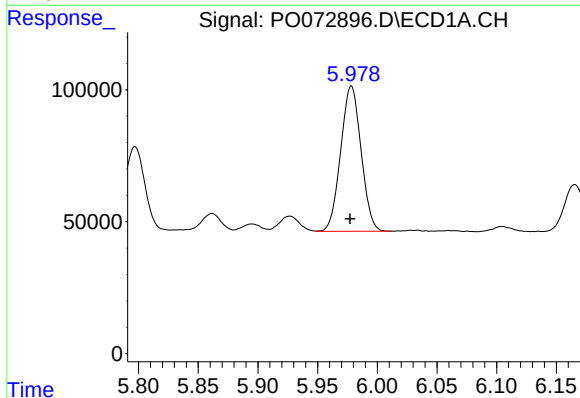
R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 494149
Conc: 463.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



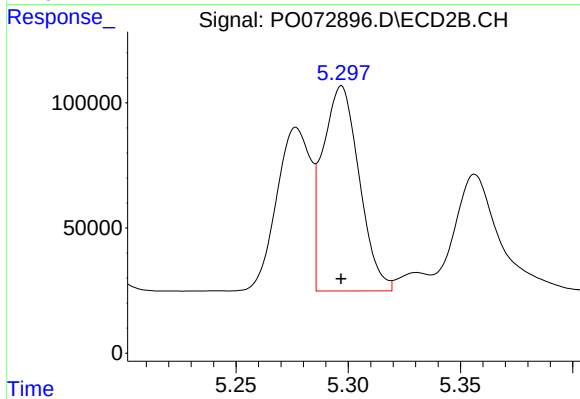
#11 AR-1232-1

R.T.: 4.467 min
Delta R.T.: 0.000 min
Response: 343154
Conc: 391.44 ng/ml



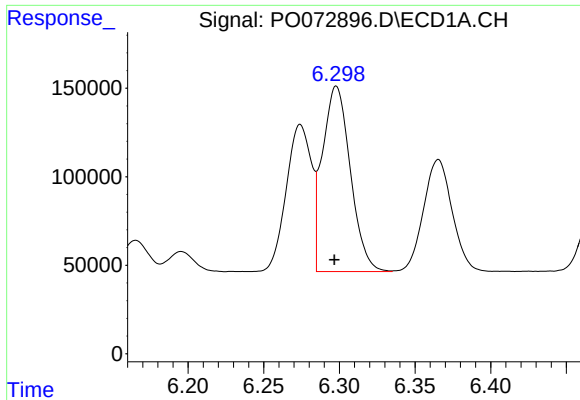
#12 AR-1232-2

R.T.: 5.978 min
Delta R.T.: 0.001 min
Response: 654840
Conc: 1236.95 ng/ml



#12 AR-1232-2

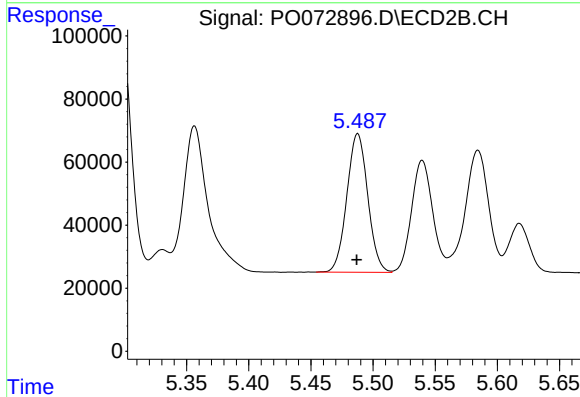
R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 925390
Conc: 1056.53 ng/ml



#13 AR-1232-3

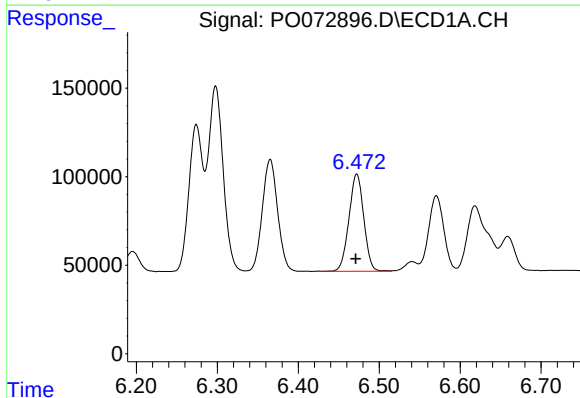
R.T.: 6.298 min
Delta R.T.: 0.001 min
Response: 1344923
Conc: 1300.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



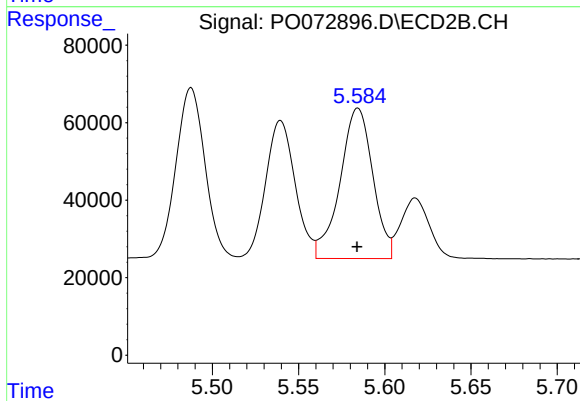
#13 AR-1232-3

R.T.: 5.488 min
Delta R.T.: 0.000 min
Response: 515234
Conc: 1096.70 ng/ml



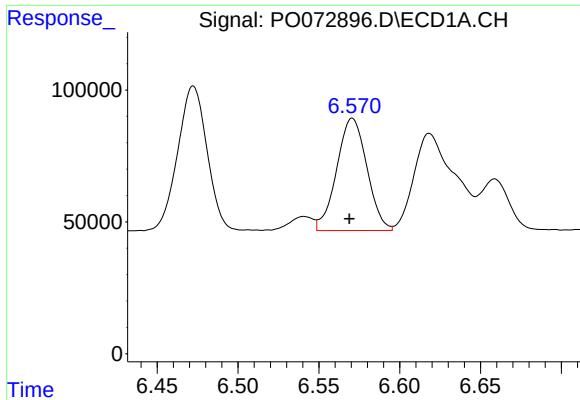
#14 AR-1232-4

R.T.: 6.472 min
Delta R.T.: 0.001 min
Response: 697744
Conc: 1357.66 ng/ml



#14 AR-1232-4

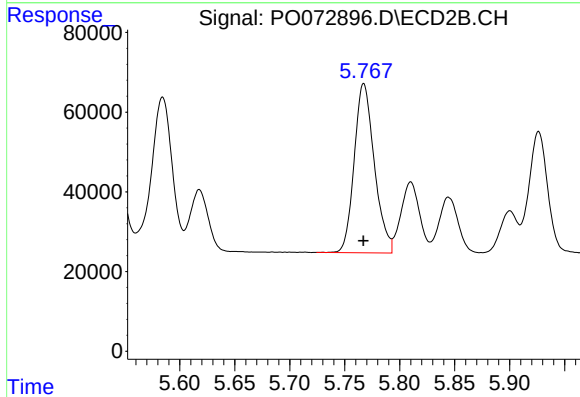
R.T.: 5.584 min
Delta R.T.: 0.000 min
Response: 512615
Conc: 1203.79 ng/ml



#15 AR-1232-5

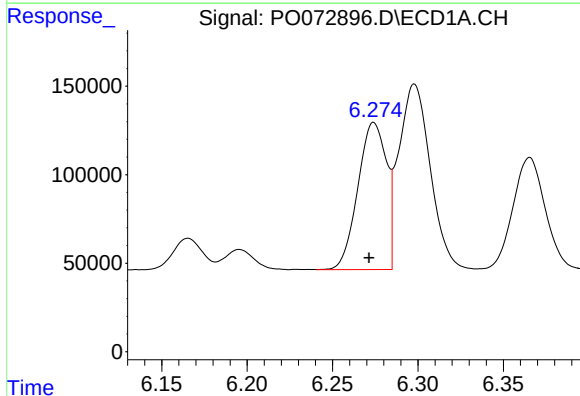
R.T.: 6.571 min
Delta R.T.: 0.002 min
Response: 554362
Conc: 1566.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



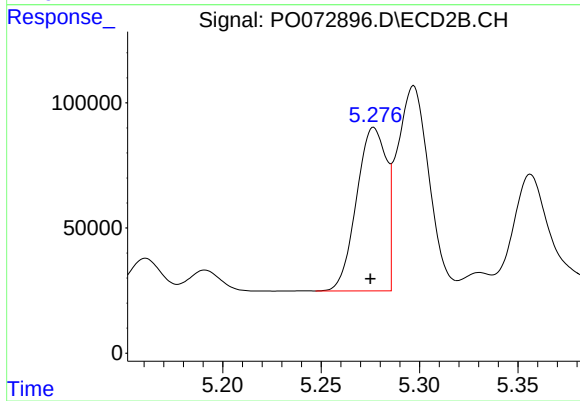
#15 AR-1232-5

R.T.: 5.767 min
Delta R.T.: 0.000 min
Response: 540884
Conc: 1159.24 ng/ml



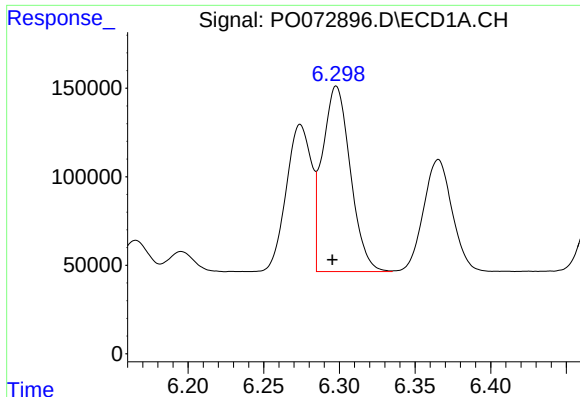
#16 AR-1242-1

R.T.: 6.274 min
Delta R.T.: 0.003 min
Response: 966083
Conc: 694.41 ng/ml



#16 AR-1242-1

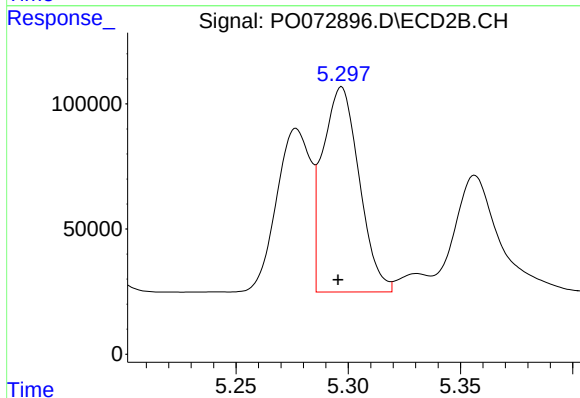
R.T.: 5.277 min
Delta R.T.: 0.002 min
Response: 688925
Conc: 585.94 ng/ml



#17 AR-1242-2

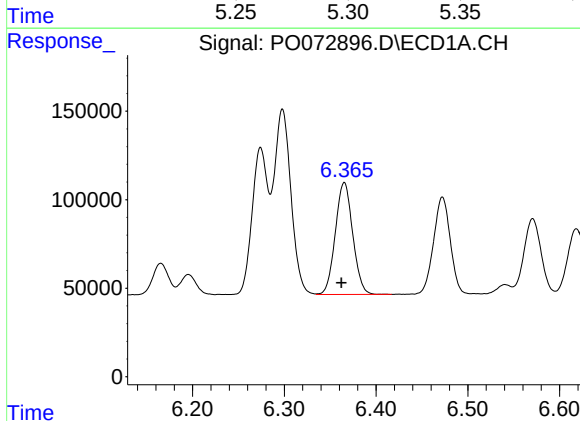
R.T.: 6.298 min
Delta R.T.: 0.003 min
Response: 1344923
Conc: 703.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



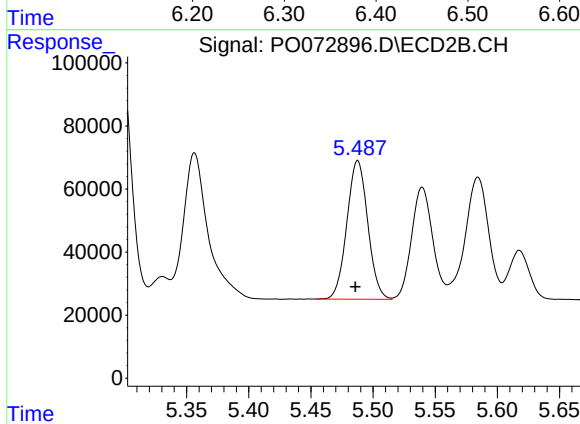
#17 AR-1242-2

R.T.: 5.297 min
Delta R.T.: 0.002 min
Response: 925390
Conc: 582.72 ng/ml



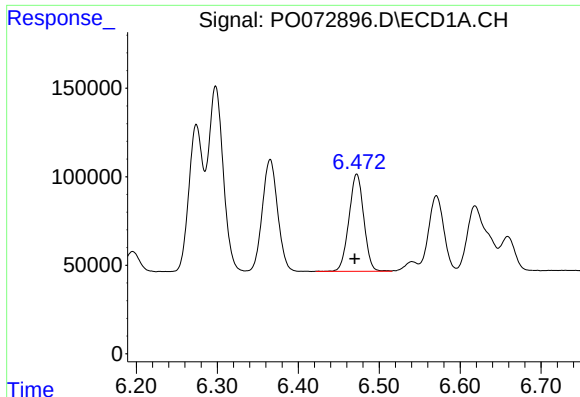
#18 AR-1242-3

R.T.: 6.365 min
Delta R.T.: 0.003 min
Response: 834313
Conc: 704.56 ng/ml



#18 AR-1242-3

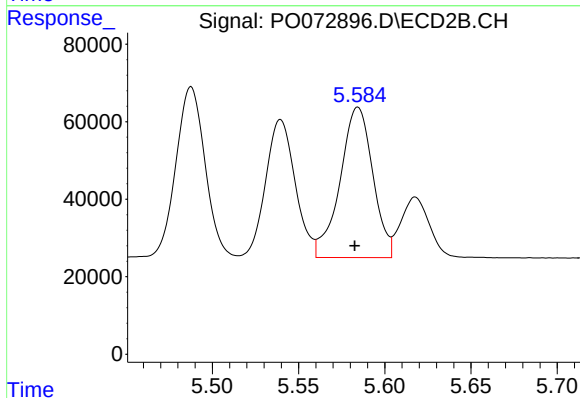
R.T.: 5.488 min
Delta R.T.: 0.002 min
Response: 515234
Conc: 596.02 ng/ml



#19 AR-1242-4

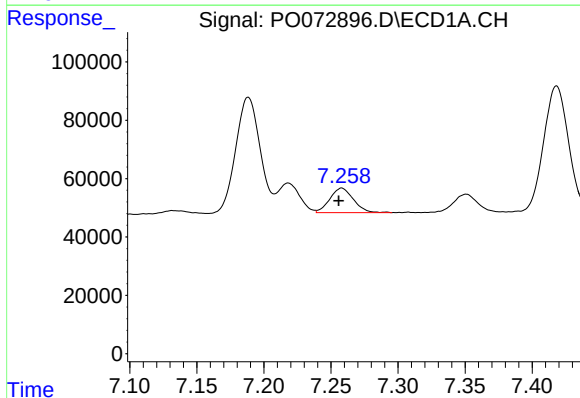
R.T.: 6.472 min
Delta R.T.: 0.002 min
Response: 697744
Conc: 720.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



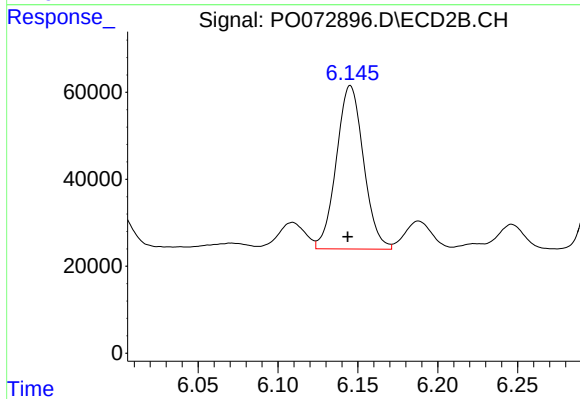
#19 AR-1242-4

R.T.: 5.584 min
Delta R.T.: 0.002 min
Response: 512615
Conc: 617.61 ng/ml



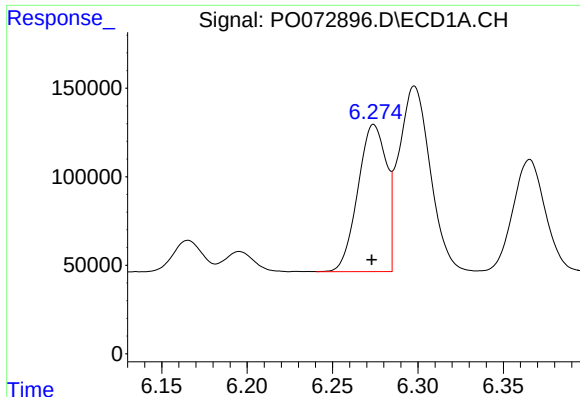
#20 AR-1242-5

R.T.: 7.258 min
Delta R.T.: 0.002 min
Response: 103249
Conc: 100.79 ng/ml



#20 AR-1242-5

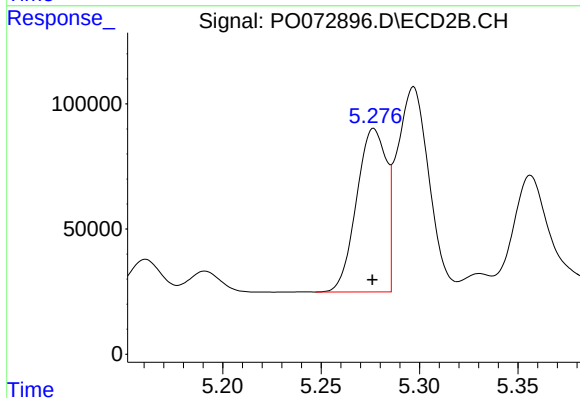
R.T.: 6.145 min
Delta R.T.: 0.002 min
Response: 445523
Conc: 415.18 ng/ml



#21 AR-1248-1

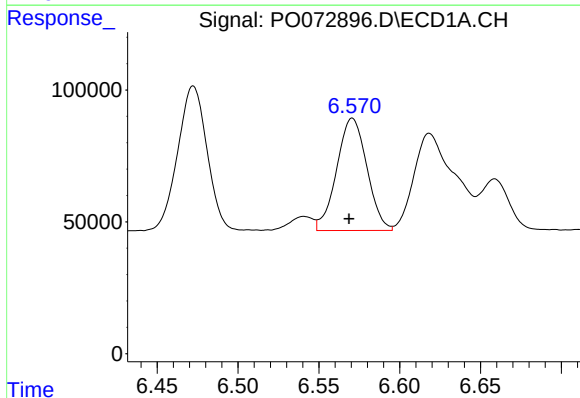
R.T.: 6.274 min
Delta R.T.: 0.001 min
Response: 966083
Conc: 936.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



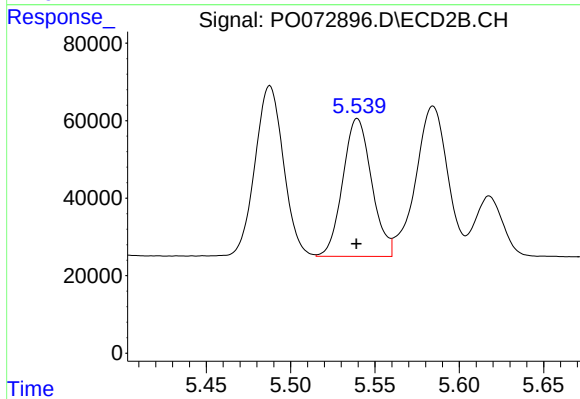
#21 AR-1248-1

R.T.: 5.277 min
Delta R.T.: 0.000 min
Response: 688925
Conc: 726.69 ng/ml



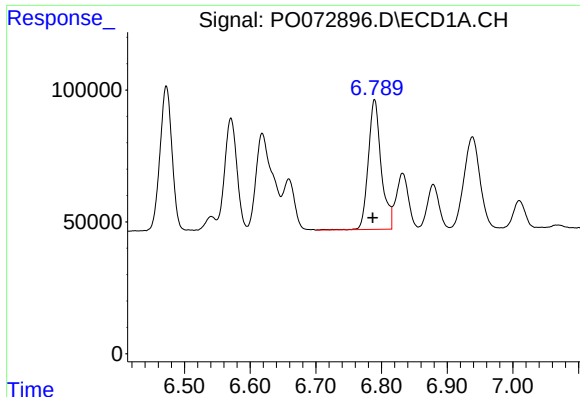
#22 AR-1248-2

R.T.: 6.571 min
Delta R.T.: 0.002 min
Response: 554362
Conc: 421.66 ng/ml



#22 AR-1248-2

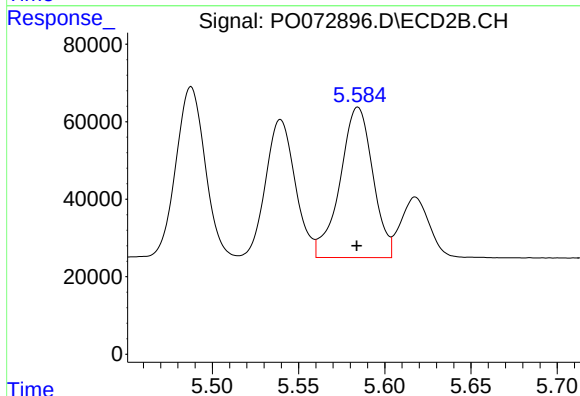
R.T.: 5.540 min
Delta R.T.: 0.000 min
Response: 423594
Conc: 336.78 ng/ml



#23 AR-1248-3

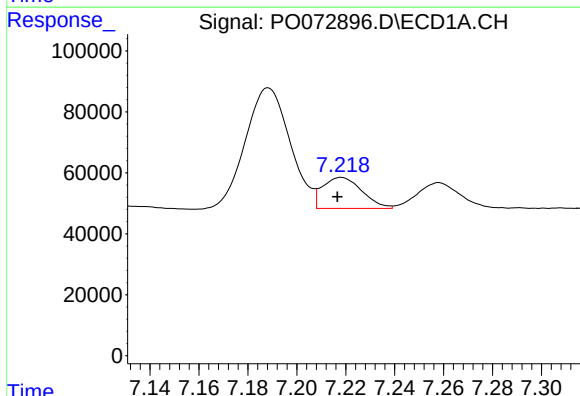
R.T.: 6.789 min
Delta R.T.: 0.003 min
Response: 672625
Conc: 453.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



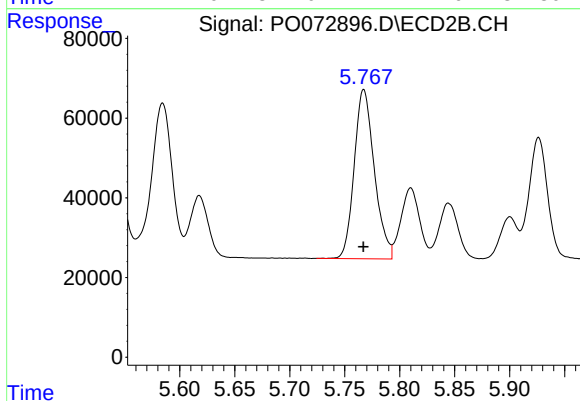
#23 AR-1248-3

R.T.: 5.584 min
Delta R.T.: 0.000 min
Response: 512615
Conc: 396.37 ng/ml



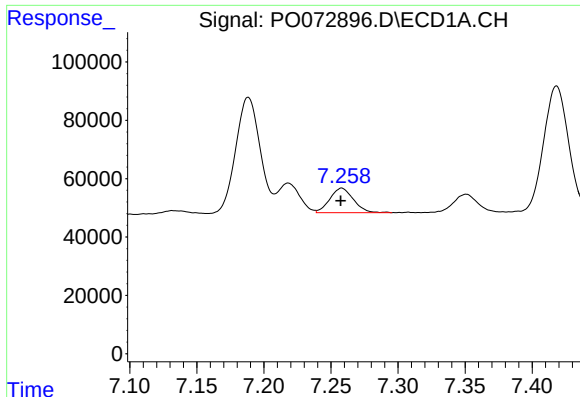
#24 AR-1248-4

R.T.: 7.218 min
Delta R.T.: 0.002 min
Response: 113829
Conc: 63.03 ng/ml



#24 AR-1248-4

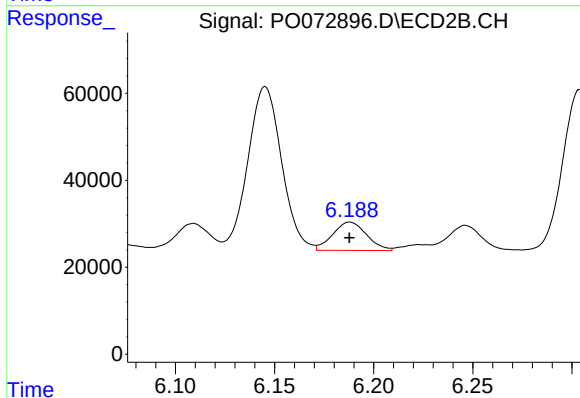
R.T.: 5.767 min
Delta R.T.: 0.000 min
Response: 540884
Conc: 348.13 ng/ml



#25 AR-1248-5

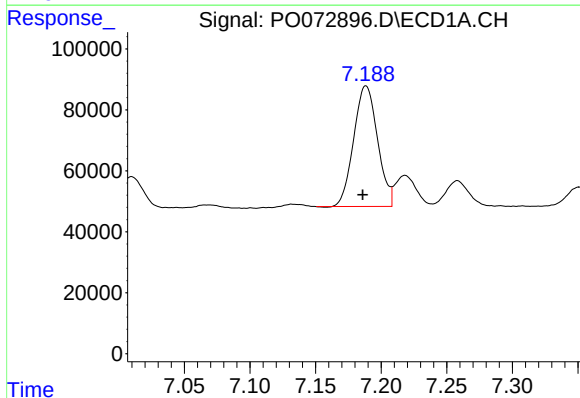
R.T.: 7.258 min
Delta R.T.: 0.000 min
Response: 103249
Conc: 59.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



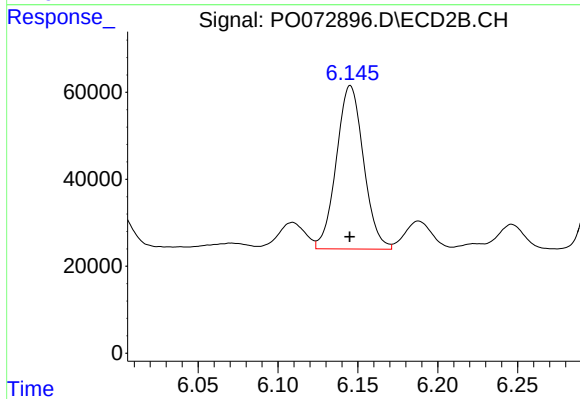
#25 AR-1248-5

R.T.: 6.188 min
Delta R.T.: 0.000 min
Response: 77666
Conc: 50.44 ng/ml



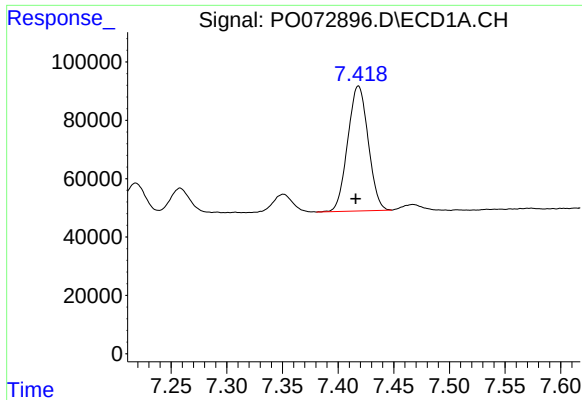
#26 AR-1254-1

R.T.: 7.188 min
Delta R.T.: 0.003 min
Response: 500528
Conc: 288.81 ng/ml



#26 AR-1254-1

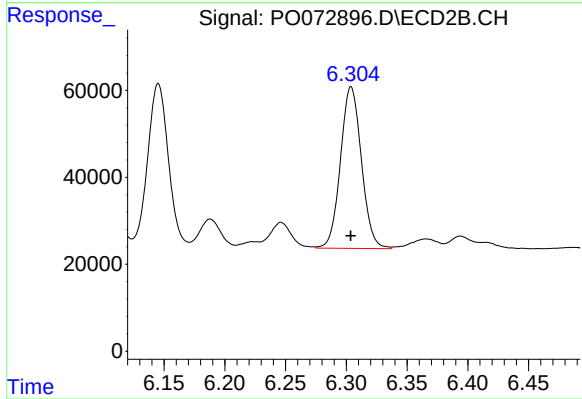
R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 445523
Conc: 197.94 ng/ml



#27 AR-1254-2

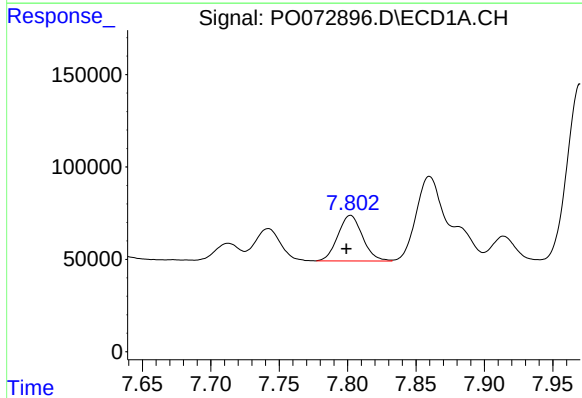
R.T.: 7.418 min
Delta R.T.: 0.002 min
Response: 547880
Conc: 205.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



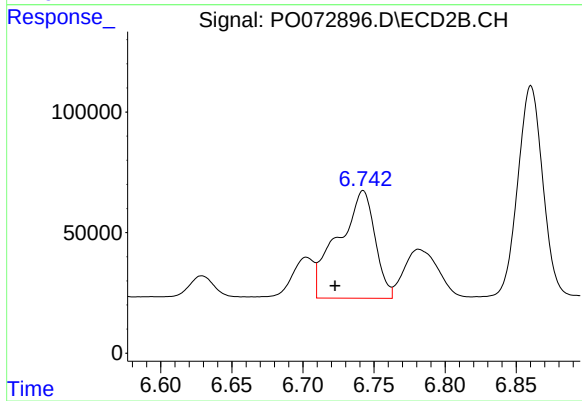
#27 AR-1254-2

R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 445957
Conc: 222.03 ng/ml



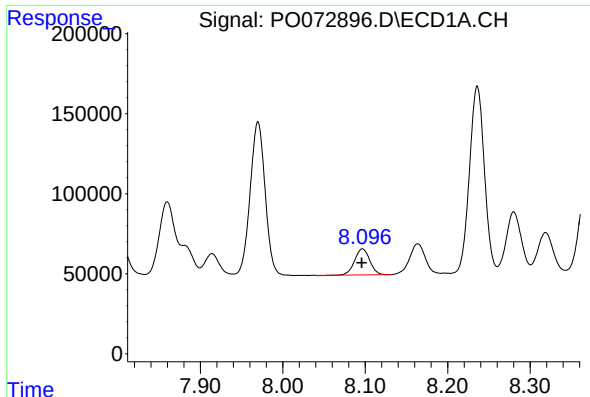
#28 AR-1254-3

R.T.: 7.802 min
Delta R.T.: 0.003 min
Response: 308211
Conc: 114.04 ng/ml



#28 AR-1254-3

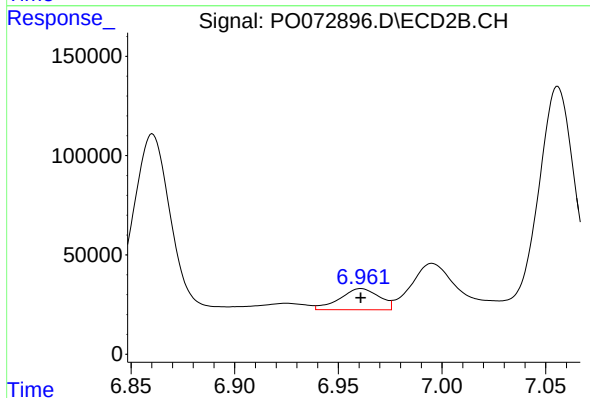
R.T.: 6.742 min
Delta R.T.: 0.020 min
Response: 804880
Conc: 253.34 ng/ml



#29 AR-1254-4

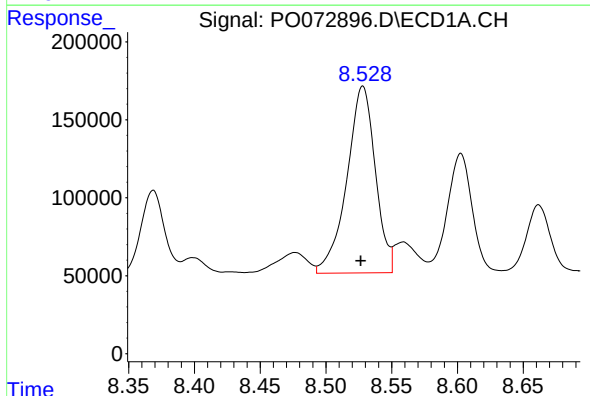
R.T.: 8.097 min
Delta R.T.: 0.000 min
Response: 210039
Conc: 95.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



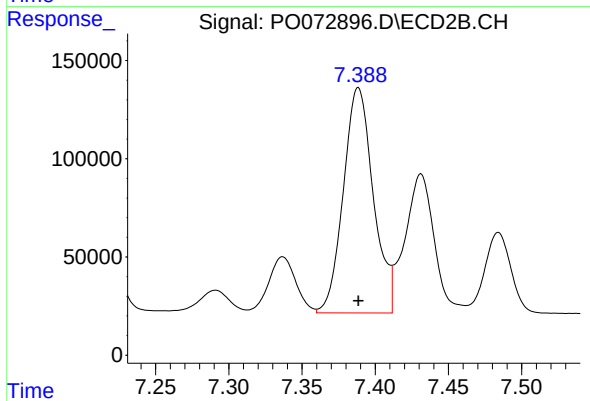
#29 AR-1254-4

R.T.: 6.961 min
Delta R.T.: 0.000 min
Response: 142173
Conc: 65.37 ng/ml



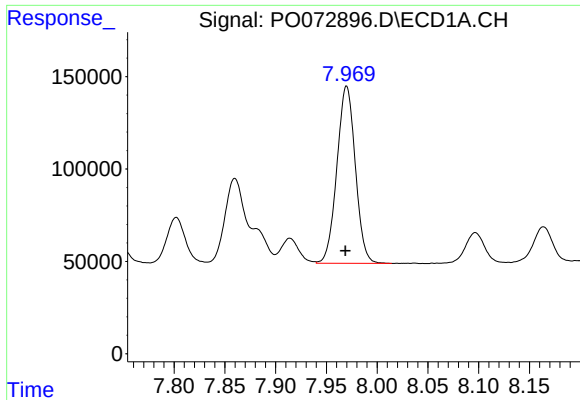
#30 AR-1254-5

R.T.: 8.528 min
Delta R.T.: 0.002 min
Response: 1805804
Conc: 820.21 ng/ml



#30 AR-1254-5

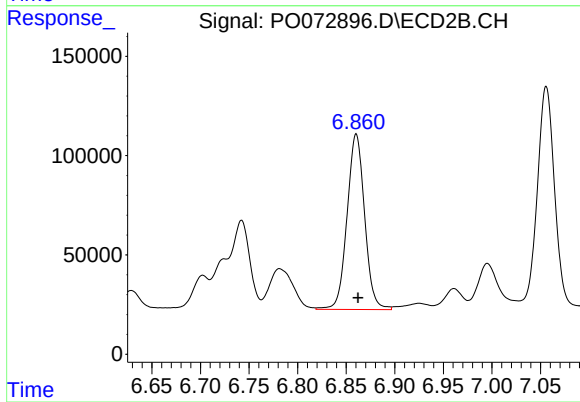
R.T.: 7.388 min
Delta R.T.: 0.000 min
Response: 1633542
Conc: 586.91 ng/ml



#31 AR-1260-1

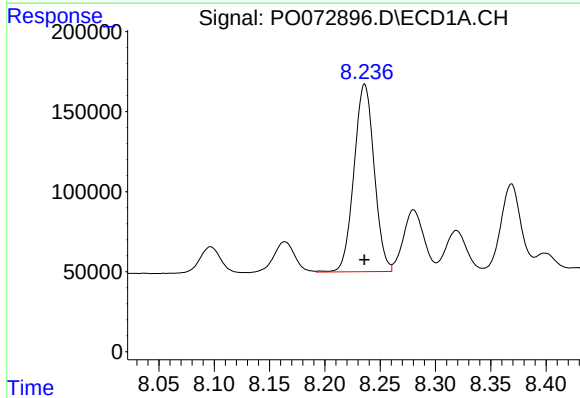
R.T.: 7.970 min
Delta R.T.: 0.001 min
Response: 1212878
Conc: 652.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



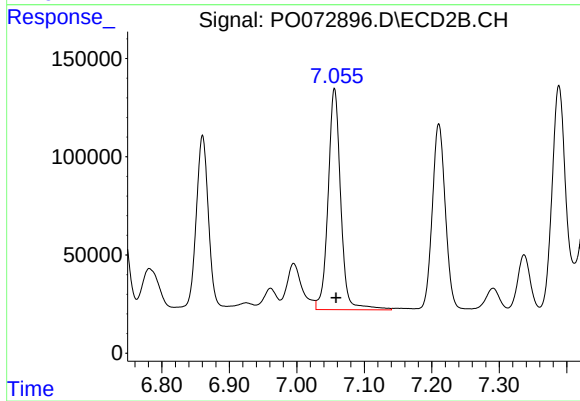
#31 AR-1260-1

R.T.: 6.860 min
Delta R.T.: -0.002 min
Response: 1110342
Conc: 558.38 ng/ml



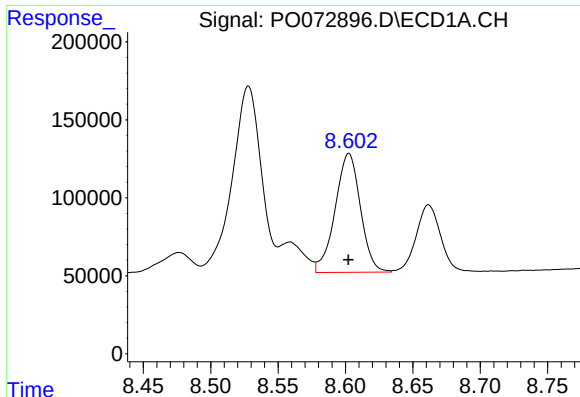
#32 AR-1260-2

R.T.: 8.236 min
Delta R.T.: 0.000 min
Response: 1486231
Conc: 653.90 ng/ml



#32 AR-1260-2

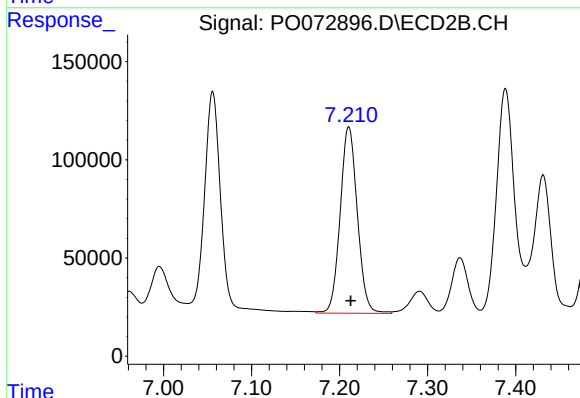
R.T.: 7.056 min
Delta R.T.: -0.002 min
Response: 1467605
Conc: 585.72 ng/ml



#33 AR-1260-3

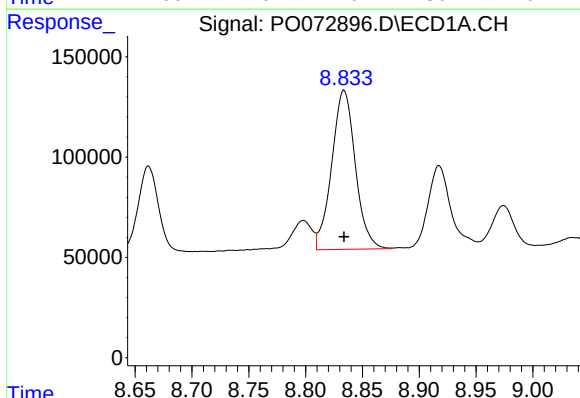
R.T.: 8.603 min
Delta R.T.: 0.000 min
Response: 998182
Conc: 582.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



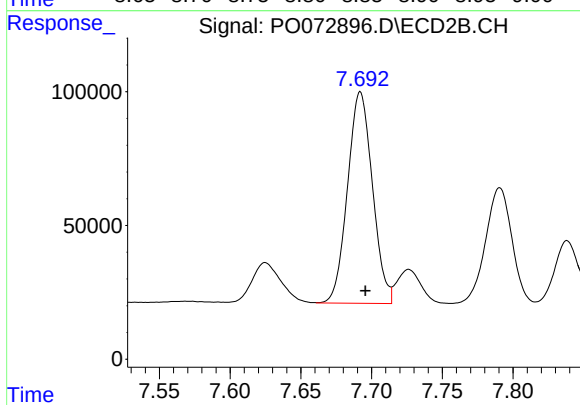
#33 AR-1260-3

R.T.: 7.210 min
Delta R.T.: -0.002 min
Response: 1286567
Conc: 583.70 ng/ml



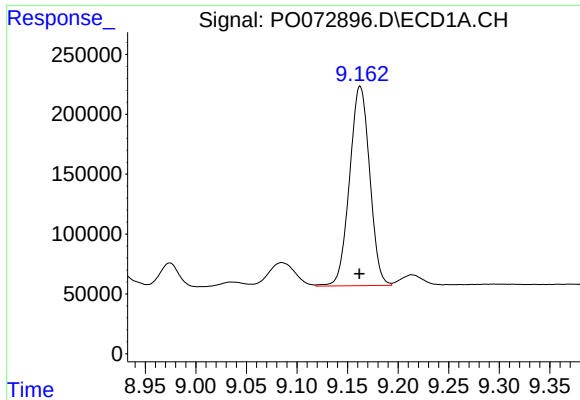
#34 AR-1260-4

R.T.: 8.834 min
Delta R.T.: 0.000 min
Response: 1146715
Conc: 574.05 ng/ml



#34 AR-1260-4

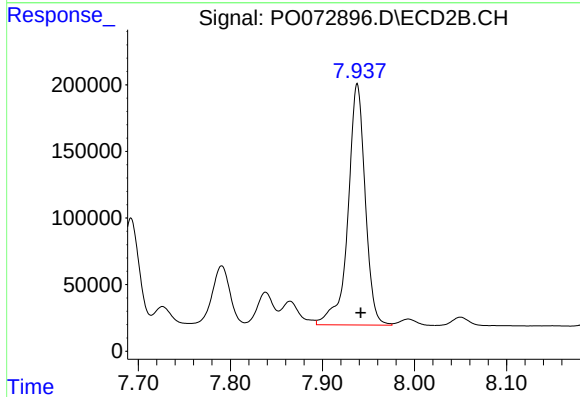
R.T.: 7.692 min
Delta R.T.: -0.004 min
Response: 969980
Conc: 527.04 ng/ml



#35 AR-1260-5

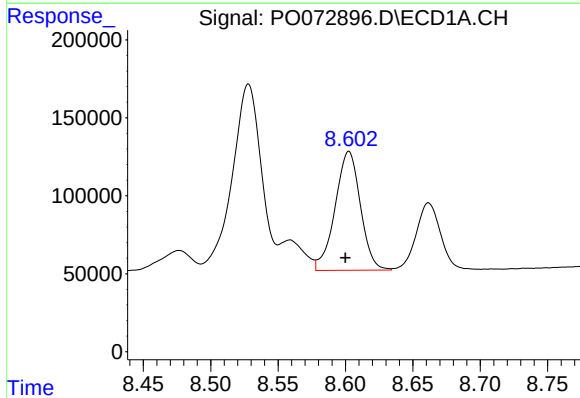
R.T.: 9.162 min
Delta R.T.: 0.000 min
Response: 2308688
Conc: 569.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



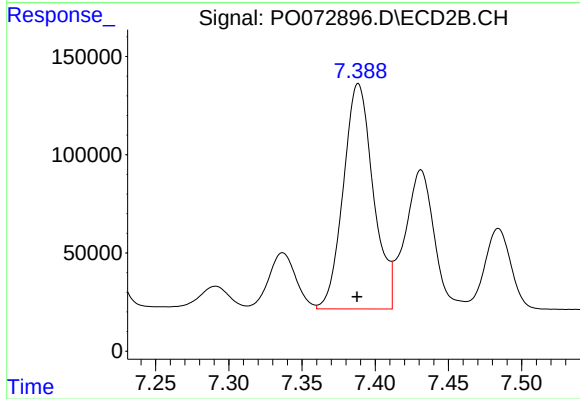
#35 AR-1260-5

R.T.: 7.938 min
Delta R.T.: -0.004 min
Response: 2348672
Conc: 534.39 ng/ml



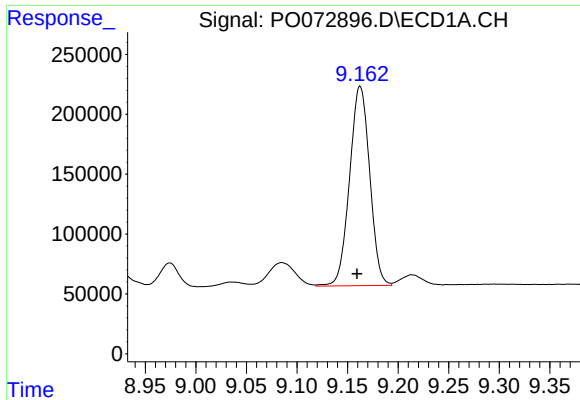
#36 AR-1262-1

R.T.: 8.603 min
Delta R.T.: 0.002 min
Response: 998182
Conc: 417.35 ng/ml



#36 AR-1262-1

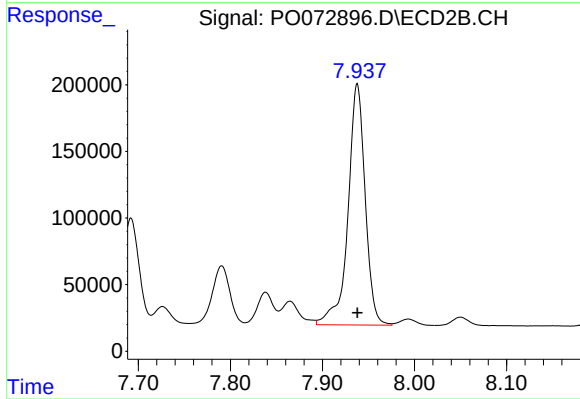
R.T.: 7.388 min
Delta R.T.: 0.000 min
Response: 1633542
Conc: 1178.13 ng/ml



#37 AR-1262-2

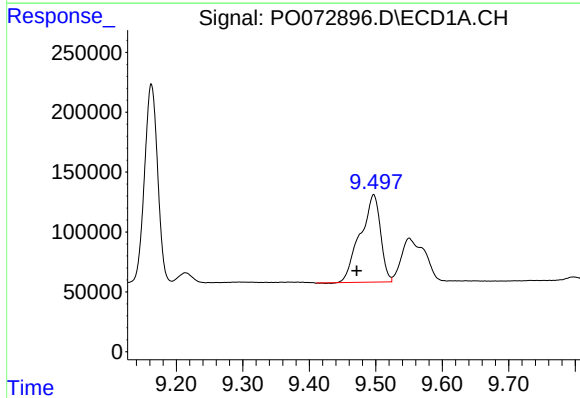
R.T.: 9.162 min
Delta R.T.: 0.003 min
Response: 2308688
Conc: 521.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



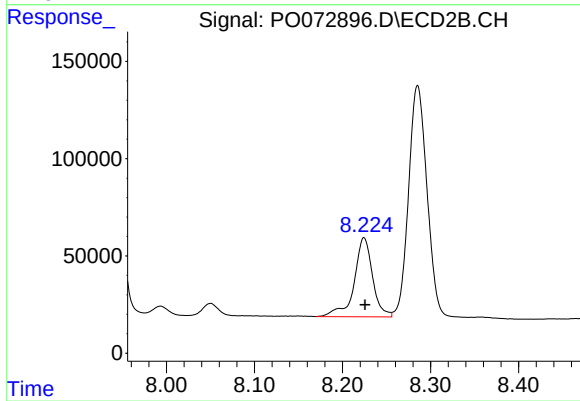
#37 AR-1262-2

R.T.: 7.938 min
Delta R.T.: 0.000 min
Response: 2348672
Conc: 514.84 ng/ml



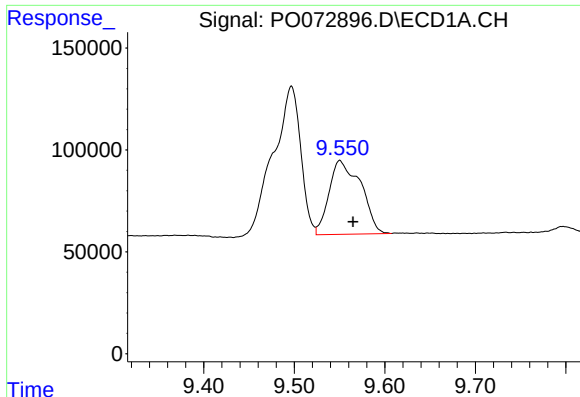
#38 AR-1262-3

R.T.: 9.497 min
Delta R.T.: 0.026 min
Response: 1542132
Conc: 479.38 ng/ml



#38 AR-1262-3

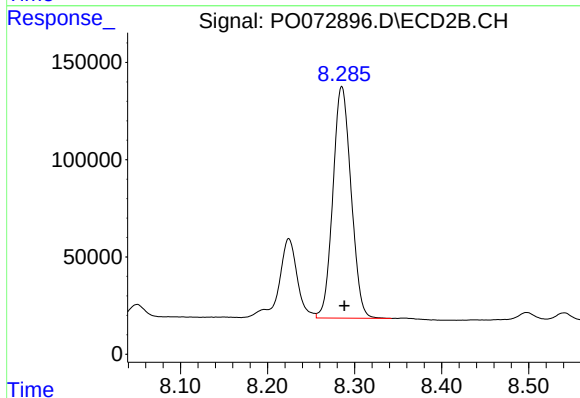
R.T.: 8.224 min
Delta R.T.: 0.000 min
Response: 590627
Conc: 322.77 ng/ml



#39 AR-1262-4

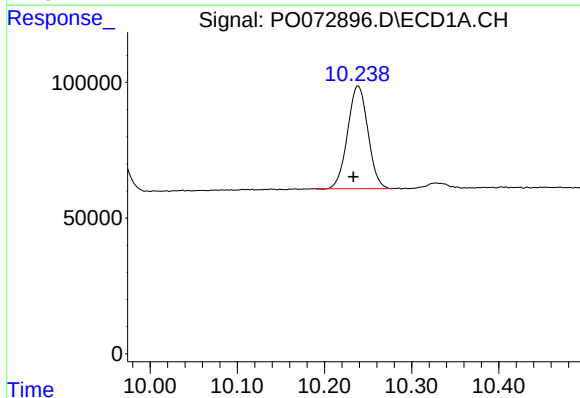
R.T.: 9.550 min
Delta R.T.: -0.015 min
Response: 883618
Conc: 368.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



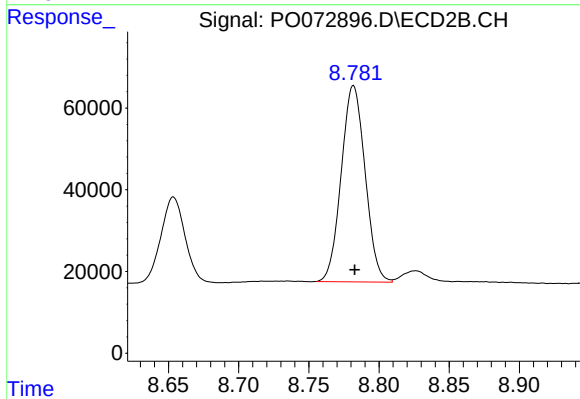
#39 AR-1262-4

R.T.: 8.285 min
Delta R.T.: -0.003 min
Response: 1728411
Conc: 519.18 ng/ml



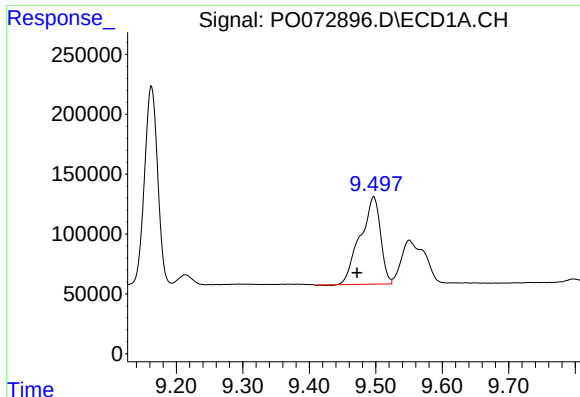
#40 AR-1262-5

R.T.: 10.239 min
Delta R.T.: 0.005 min
Response: 614777
Conc: 366.13 ng/ml



#40 AR-1262-5

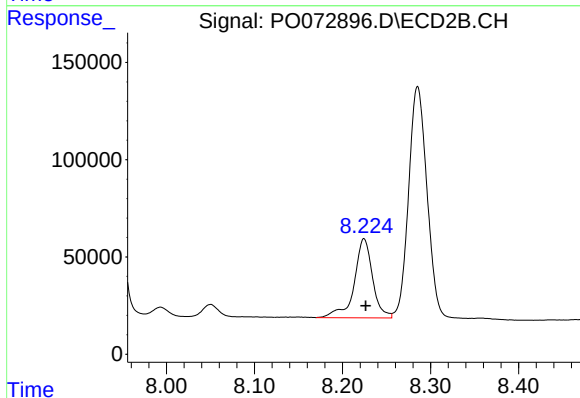
R.T.: 8.782 min
Delta R.T.: 0.000 min
Response: 568081
Conc: 346.91 ng/ml



#41 AR-1268-1

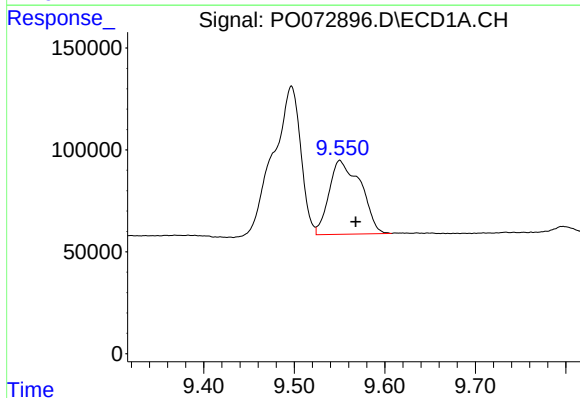
R.T.: 9.497 min
Delta R.T.: 0.025 min
Response: 1542132
Conc: 278.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



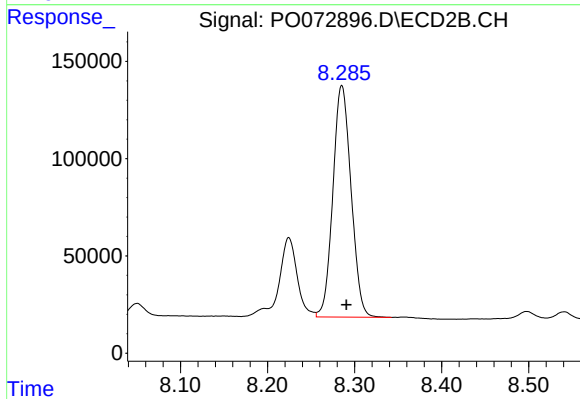
#41 AR-1268-1

R.T.: 8.224 min
Delta R.T.: -0.002 min
Response: 590627
Conc: 113.33 ng/ml



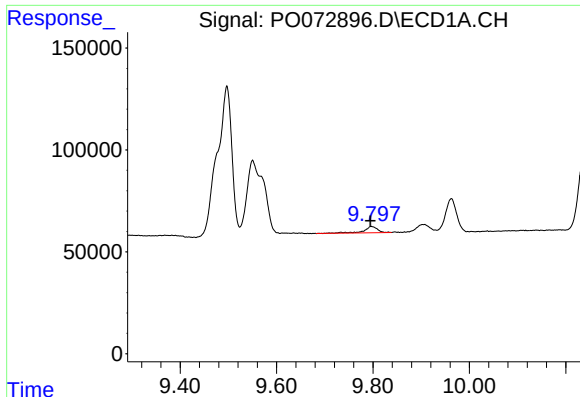
#42 AR-1268-2

R.T.: 9.550 min
Delta R.T.: -0.018 min
Response: 883618
Conc: 174.56 ng/ml



#42 AR-1268-2

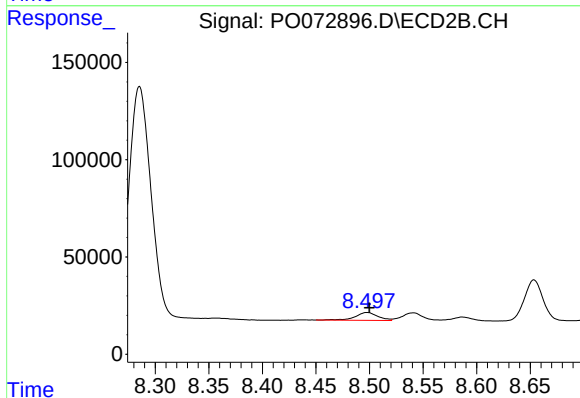
R.T.: 8.285 min
Delta R.T.: -0.005 min
Response: 1728411
Conc: 368.98 ng/ml



#43 AR-1268-3

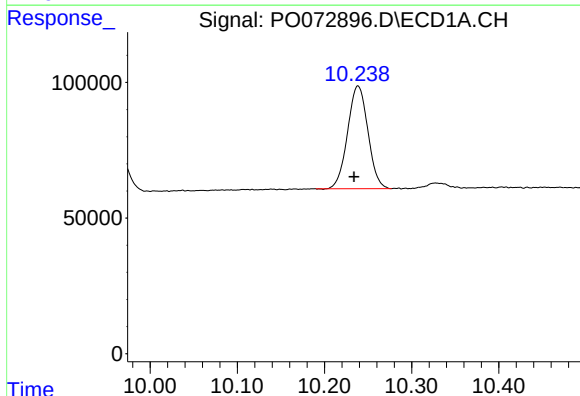
R.T.: 9.796 min
Delta R.T.: 0.001 min
Response: 59135
Conc: 13.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



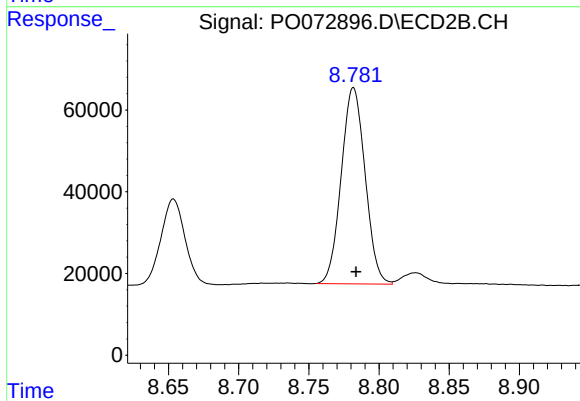
#43 AR-1268-3

R.T.: 8.498 min
Delta R.T.: -0.002 min
Response: 58501
Conc: 13.90 ng/ml



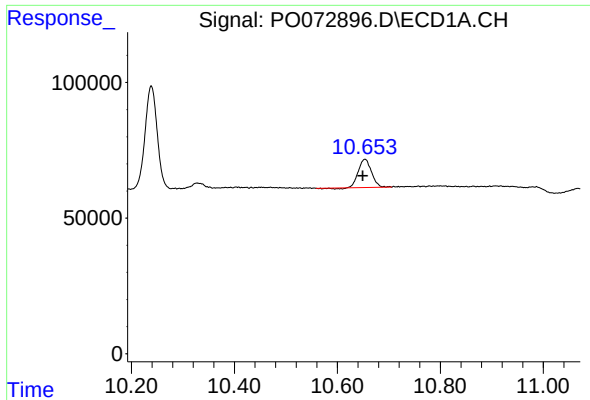
#44 AR-1268-4

R.T.: 10.239 min
Delta R.T.: 0.005 min
Response: 614777
Conc: 325.23 ng/ml



#44 AR-1268-4

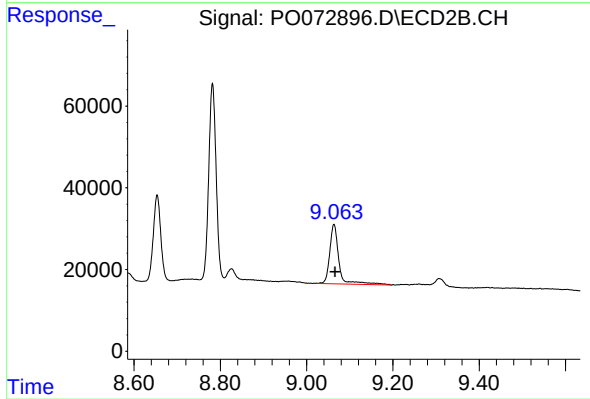
R.T.: 8.782 min
Delta R.T.: -0.002 min
Response: 568081
Conc: 309.07 ng/ml



#45 AR-1268-5

R.T.: 10.654 min
Delta R.T.: 0.005 min
Response: 181989
Conc: 13.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.063 min
Delta R.T.: -0.003 min
Response: 214965
Conc: 16.60 ng/ml