

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092421\
 Data File : P0081508.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Sep 2021 21:31
 Operator : AJ\MA
 Sample : M3903-05MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 25 01:21:38 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0092321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 24 02:21:54 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...	4.869	3.986	1231903	398531	13.814	14.959
2)	SA Decachlor...	10.877	9.330	1855471	562561	24.910	24.225
Target Compounds							
3)	L1 AR-1016-1	6.196	5.255	1103911	376504	340.961	417.910
4)	L1 AR-1016-2	6.219	5.275	1547663	540703	333.886	395.950
5)	L1 AR-1016-3	6.285	5.469	960858	278884	335.614	393.361
6)	L1 AR-1016-4	6.393	5.521	778826	235157	338.584	379.638
7)	L1 AR-1016-5	6.708	5.752	816478	298394	358.781	422.644
8)	L2 AR-1221-1	5.120	4.246	150263	27754	137.315	96.483 #
9)	L2 AR-1221-2	5.221	4.346	136022	67852	172.517	282.228 #
10)	L2 AR-1221-3	5.309	4.437	600714	192295	238.758	247.827
11)	L3 AR-1232-1	5.309	4.437	600714	192295	308.214	320.709
12)	L3 AR-1232-2	5.899	5.275	799782	540703	751.844	854.462
13)	L3 AR-1232-3	6.219	5.469	1547663	278884	767.750	878.293
14)	L3 AR-1232-4	6.393	5.565	778826	278328	762.167	926.223
15)	L3 AR-1232-5	6.492	5.752	661250	298394	896.814	938.695
16)	L4 AR-1242-1	6.196	5.255	1103911	376504	432.272	513.231
17)	L4 AR-1242-2	6.219	5.275	1547663	540703	430.995	491.088
18)	L4 AR-1242-3	6.285	5.469	960858	278884	421.063	497.475
19)	L4 AR-1242-4	6.393	5.565	778826	278328	428.860	484.722
20)	L4 AR-1242-5	7.178	6.134	113662	244630	57.637	327.364 #
21)	L5 AR-1248-1	6.196	5.255	1103911	376504	548.424	629.115
22)	L5 AR-1248-2	6.492	5.521	661250	235157	250.708	265.002
23)	L5 AR-1248-3	6.708	5.565	816478	278328	260.869	318.354
24)	L5 AR-1248-4	7.139	5.752	148532	298394	43.125	293.678 #
25)	L5 AR-1248-5	7.178	6.177	113662	36585	33.620	37.909
26)	L6 AR-1254-1	7.107	6.134	630824	244630	175.939	159.758
27)	L6 AR-1254-2	7.338	6.295	988236	230543	179.226	169.449
28)	L6 AR-1254-3	7.720	6.736	463134	420828	82.079	211.560 #
29)	L6 AR-1254-4	8.015	6.959	257587	48691	62.642	38.995 #
30)	L6 AR-1254-5	8.446	7.391	2538848	830774	550.800	444.402
31)	L7 AR-1260-1	7.887	6.855	1653035	596669	391.043	427.410
32)	L7 AR-1260-2	8.154	7.054	2072198	711280	399.233	435.212
33)	L7 AR-1260-3	8.520	7.210	1414212	674285	436.454	405.489
34)	L7 AR-1260-4	8.750	7.696	1733325	505025	434.849	454.384
35)	L7 AR-1260-5	9.074	7.946	3461484	1136304	467.254	460.116
36)	L8 AR-1262-1	8.520	7.391	1414212	830774	272.837	834.653 #
37)	L8 AR-1262-2	9.074	7.946	3461484	1136304	388.102	370.898
38)	L8 AR-1262-3	9.403f	8.234	2387514	264426	595.141	197.579 #
39)	L8 AR-1262-4	9.455f	8.298	1376270	904134	563.070	384.238 #
40)	L8 AR-1262-5	10.135	8.800	1049513	317946	308.004	279.599
41)	L9 AR-1268-1	9.403f	8.234	2387514	264426	222.402	68.953 #

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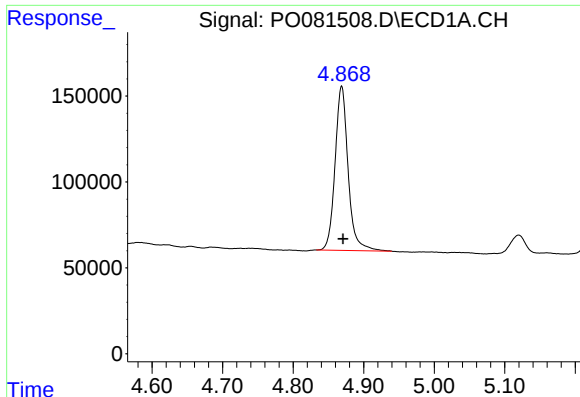
Instrument :
 ECD_O
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Integration File signal 1: autoint1.e
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.455f	8.298	1376270	904134	136.192	259.640 #
43) L9	AR-1268-3	9.697	8.506	67721	29071	7.904	9.259
44) L9	AR-1268-4	10.135	8.800	1049513	317946	273.331	246.570
45) L9	AR-1268-5	10.544	9.083	352029	107507	12.480	11.959

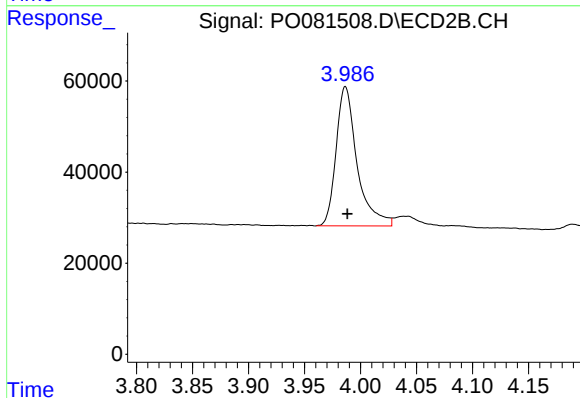
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

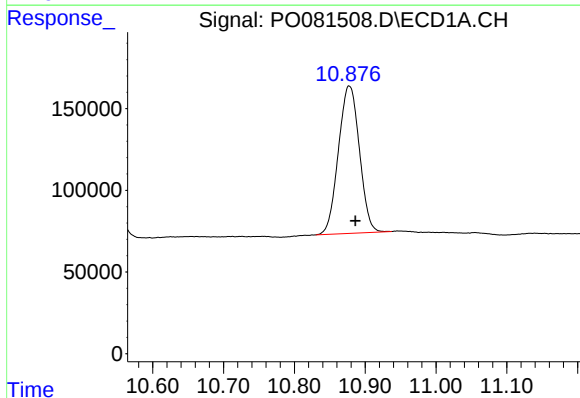
R.T.: 4.869 min
Delta R.T.: -0.002 min
Response: 1231903
Conc: 13.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



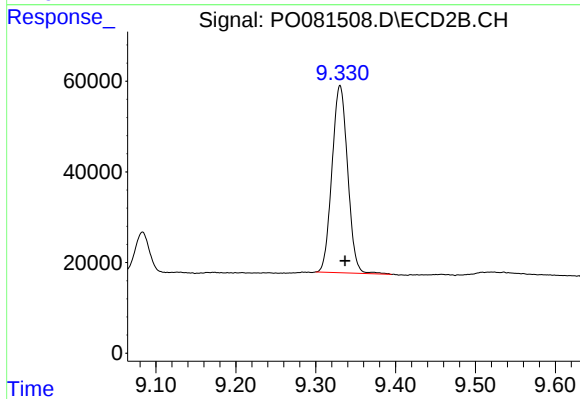
#1 Tetrachloro-m-xylene

R.T.: 3.986 min
Delta R.T.: -0.002 min
Response: 398531
Conc: 14.96 ng/ml



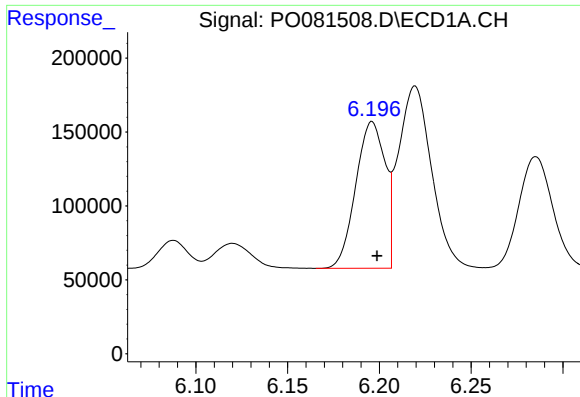
#2 Decachlorobiphenyl

R.T.: 10.877 min
Delta R.T.: -0.009 min
Response: 1855471
Conc: 24.91 ng/ml



#2 Decachlorobiphenyl

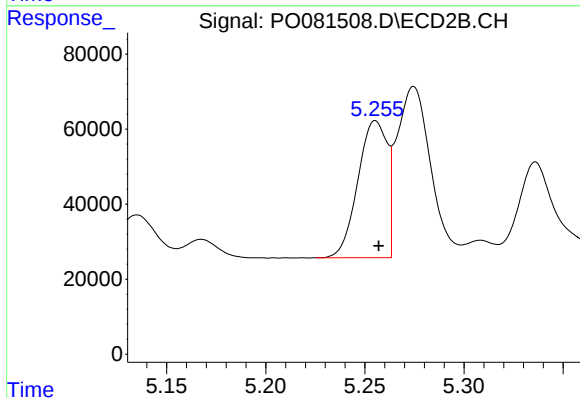
R.T.: 9.330 min
Delta R.T.: -0.006 min
Response: 562561
Conc: 24.22 ng/ml



#3 AR-1016-1

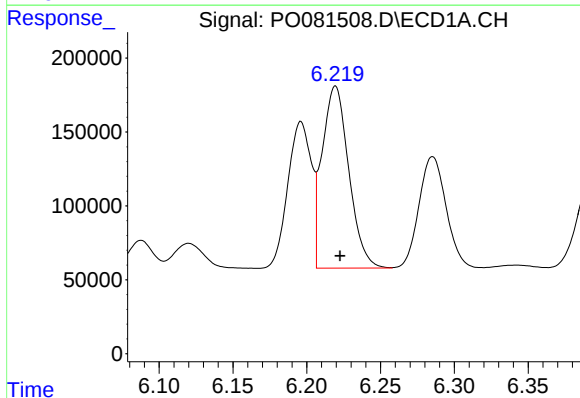
R.T.: 6.196 min
Delta R.T.: -0.003 min
Response: 1103911
Conc: 340.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



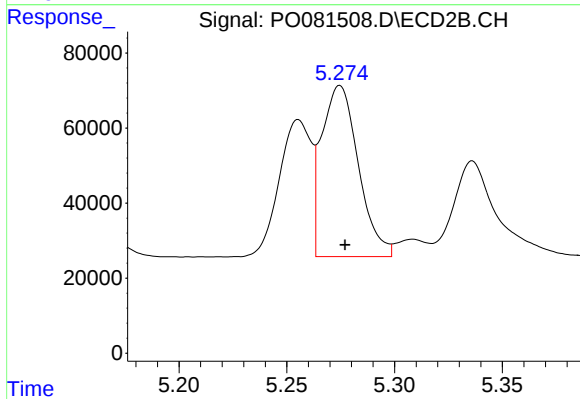
#3 AR-1016-1

R.T.: 5.255 min
Delta R.T.: -0.002 min
Response: 376504
Conc: 417.91 ng/ml



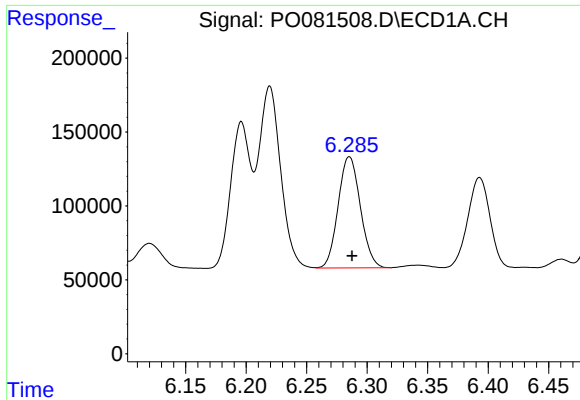
#4 AR-1016-2

R.T.: 6.219 min
Delta R.T.: -0.003 min
Response: 1547663
Conc: 333.89 ng/ml



#4 AR-1016-2

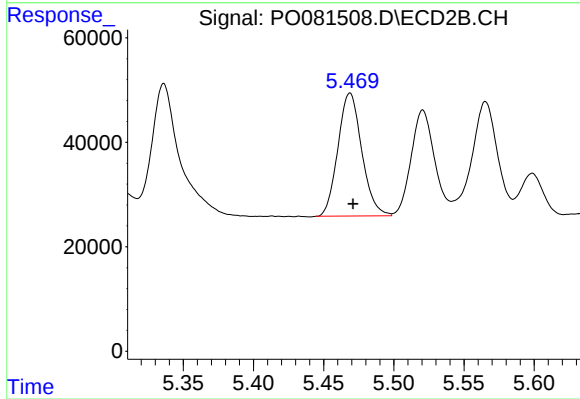
R.T.: 5.275 min
Delta R.T.: -0.002 min
Response: 540703
Conc: 395.95 ng/ml



#5 AR-1016-3

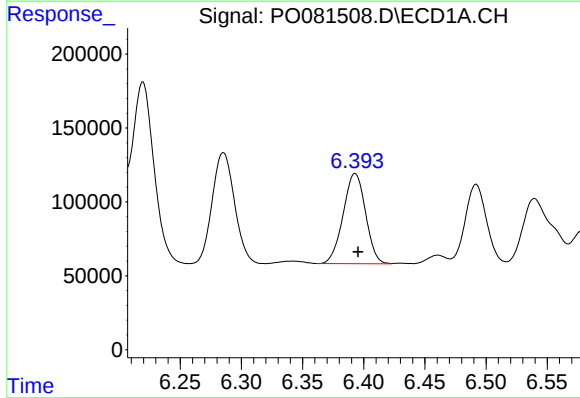
R.T.: 6.285 min
Delta R.T.: -0.002 min
Response: 960858
Conc: 335.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



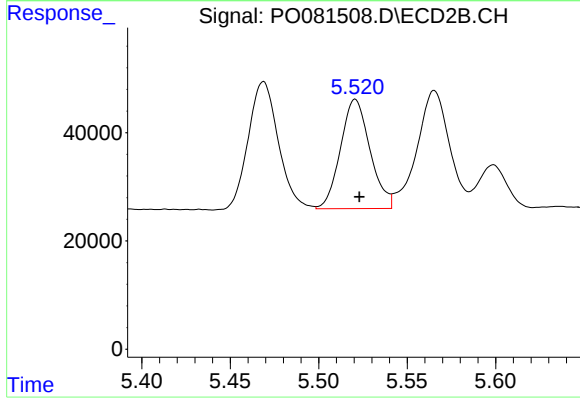
#5 AR-1016-3

R.T.: 5.469 min
Delta R.T.: -0.002 min
Response: 278884
Conc: 393.36 ng/ml



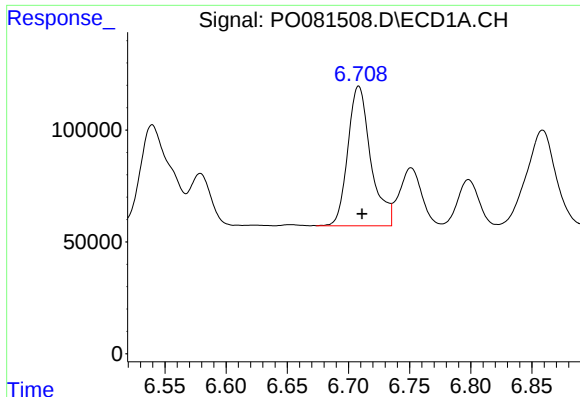
#6 AR-1016-4

R.T.: 6.393 min
Delta R.T.: -0.002 min
Response: 778826
Conc: 338.58 ng/ml



#6 AR-1016-4

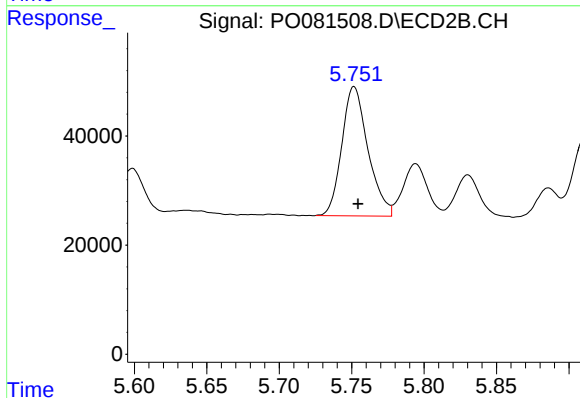
R.T.: 5.521 min
Delta R.T.: -0.002 min
Response: 235157
Conc: 379.64 ng/ml



#7 AR-1016-5

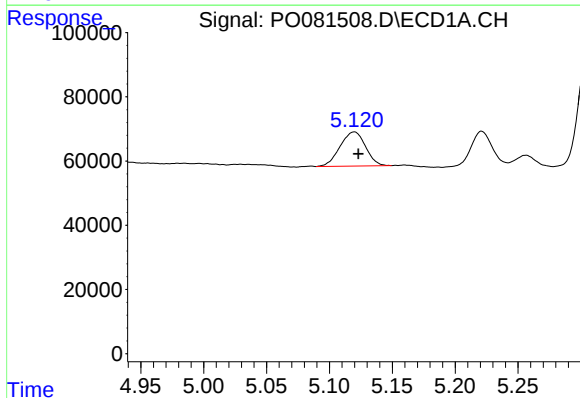
R.T.: 6.708 min
Delta R.T.: -0.003 min
Response: 816478
Conc: 358.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



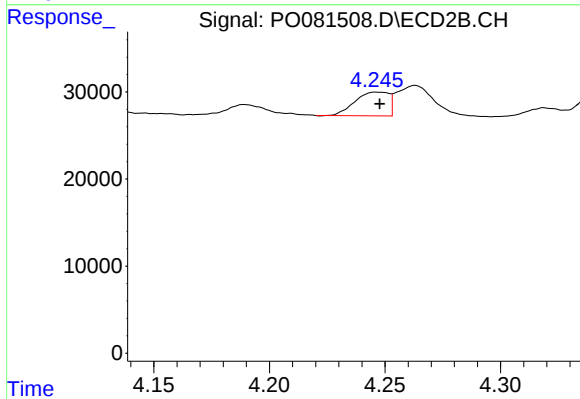
#7 AR-1016-5

R.T.: 5.752 min
Delta R.T.: -0.003 min
Response: 298394
Conc: 422.64 ng/ml



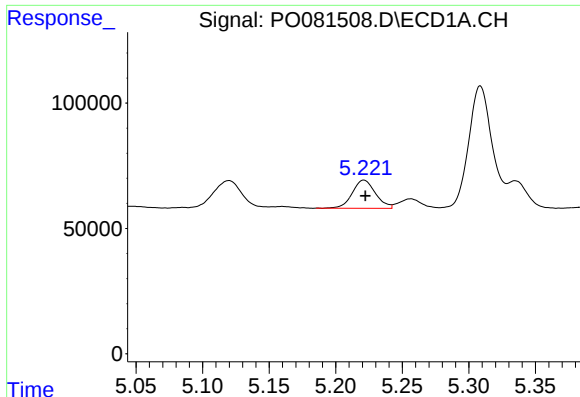
#8 AR-1221-1

R.T.: 5.120 min
Delta R.T.: -0.003 min
Response: 150263
Conc: 137.32 ng/ml



#8 AR-1221-1

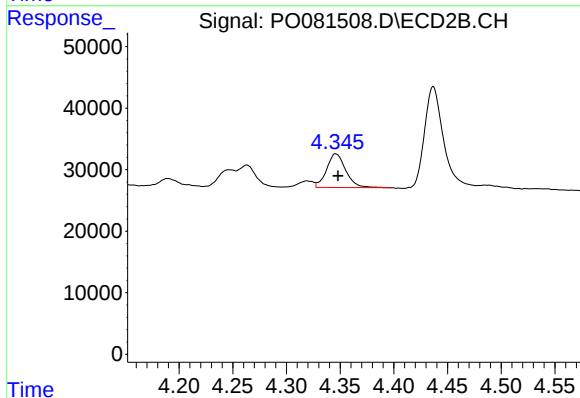
R.T.: 4.246 min
Delta R.T.: -0.002 min
Response: 27754
Conc: 96.48 ng/ml



#9 AR-1221-2

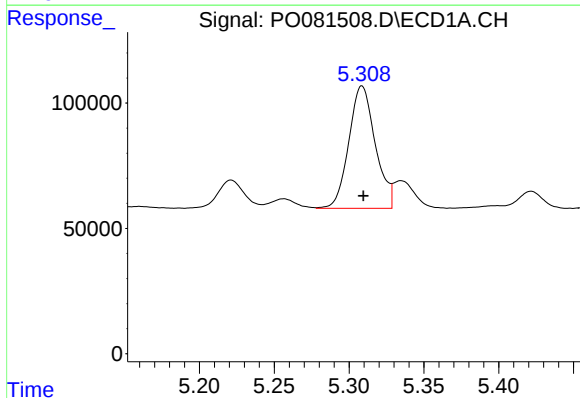
R.T.: 5.221 min
Delta R.T.: -0.001 min
Response: 136022
Conc: 172.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



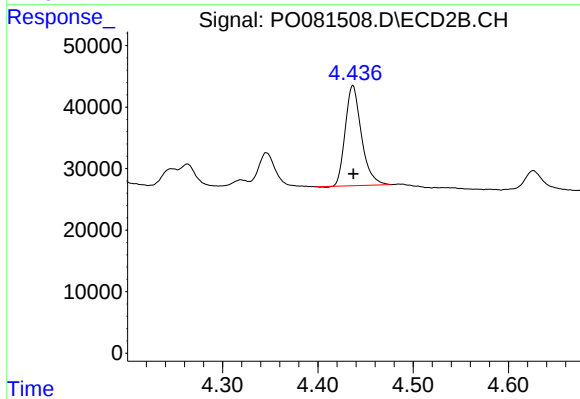
#9 AR-1221-2

R.T.: 4.346 min
Delta R.T.: -0.003 min
Response: 67852
Conc: 282.23 ng/ml



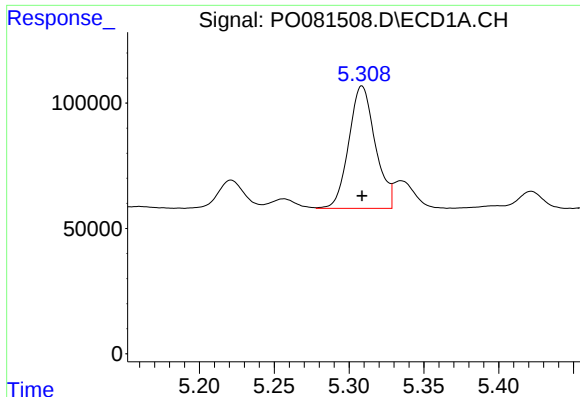
#10 AR-1221-3

R.T.: 5.309 min
Delta R.T.: -0.001 min
Response: 600714
Conc: 238.76 ng/ml



#10 AR-1221-3

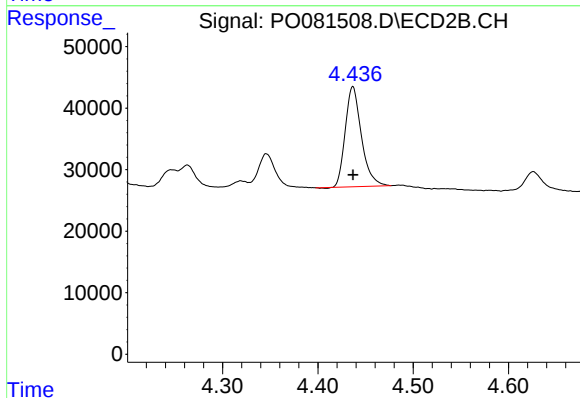
R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 192295
Conc: 247.83 ng/ml



#11 AR-1232-1

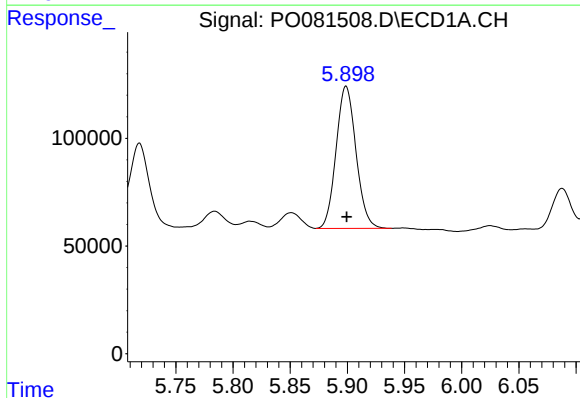
R.T.: 5.309 min
Delta R.T.: 0.000 min
Response: 600714
Conc: 308.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



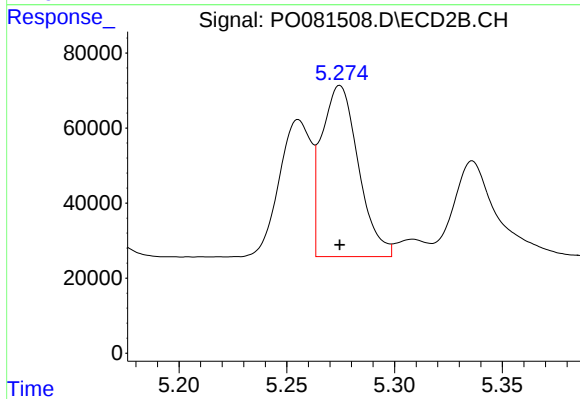
#11 AR-1232-1

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 192295
Conc: 320.71 ng/ml



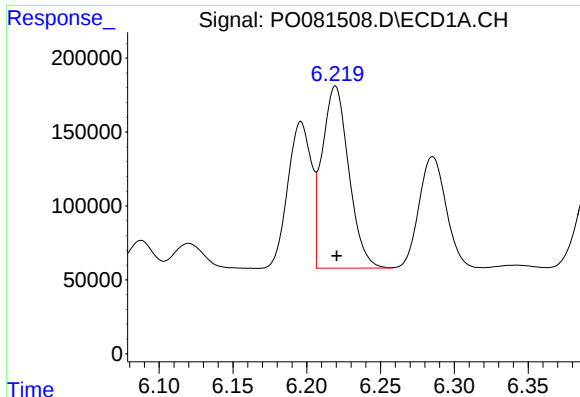
#12 AR-1232-2

R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 799782
Conc: 751.84 ng/ml



#12 AR-1232-2

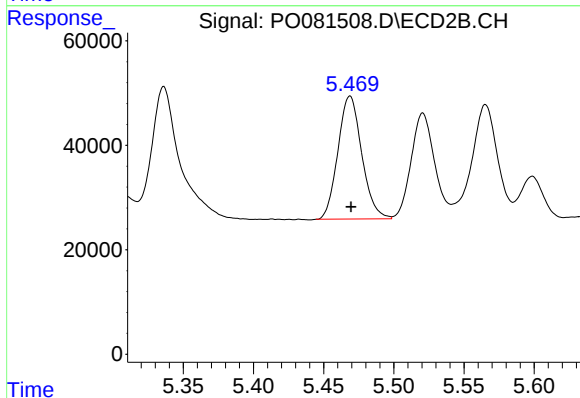
R.T.: 5.275 min
Delta R.T.: 0.000 min
Response: 540703
Conc: 854.46 ng/ml



#13 AR-1232-3

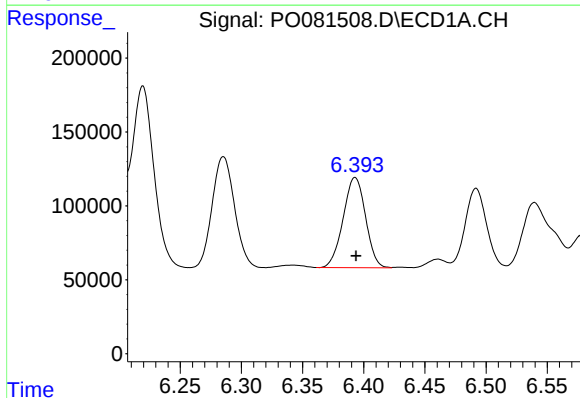
R.T.: 6.219 min
Delta R.T.: 0.000 min
Response: 1547663
Conc: 767.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



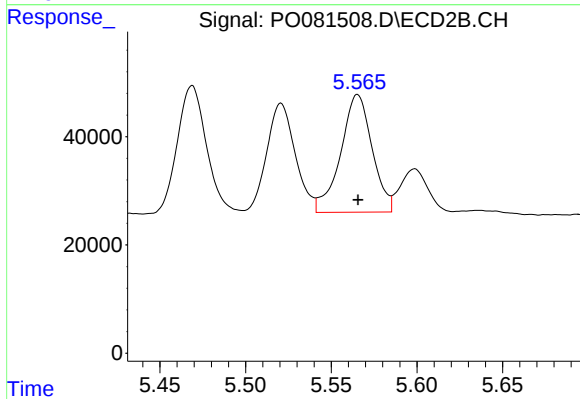
#13 AR-1232-3

R.T.: 5.469 min
Delta R.T.: 0.000 min
Response: 278884
Conc: 878.29 ng/ml



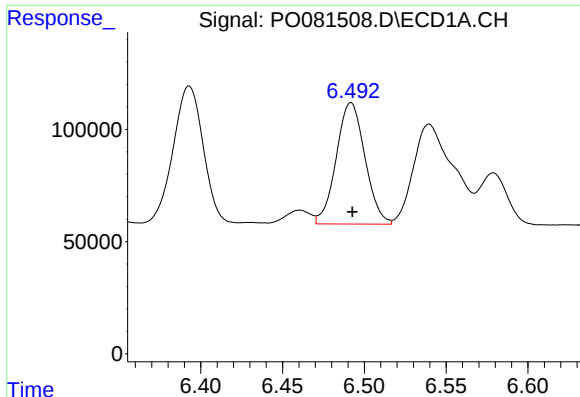
#14 AR-1232-4

R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 778826
Conc: 762.17 ng/ml



#14 AR-1232-4

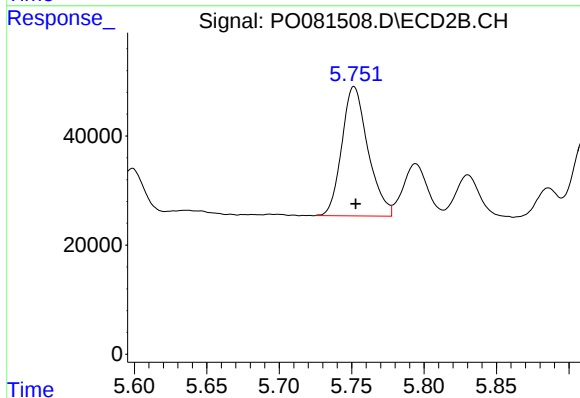
R.T.: 5.565 min
Delta R.T.: 0.000 min
Response: 278328
Conc: 926.22 ng/ml



#15 AR-1232-5

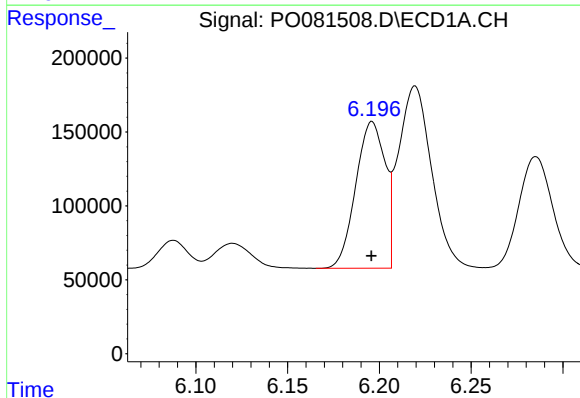
R.T.: 6.492 min
Delta R.T.: 0.000 min
Response: 661250
Conc: 896.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



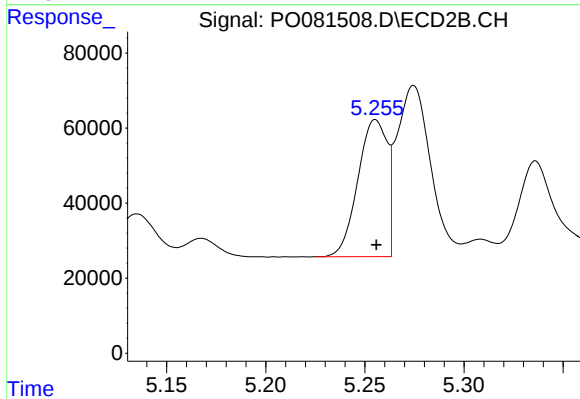
#15 AR-1232-5

R.T.: 5.752 min
Delta R.T.: -0.001 min
Response: 298394
Conc: 938.69 ng/ml



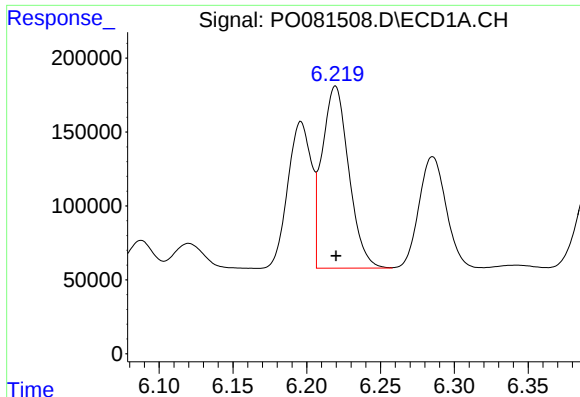
#16 AR-1242-1

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 1103911
Conc: 432.27 ng/ml



#16 AR-1242-1

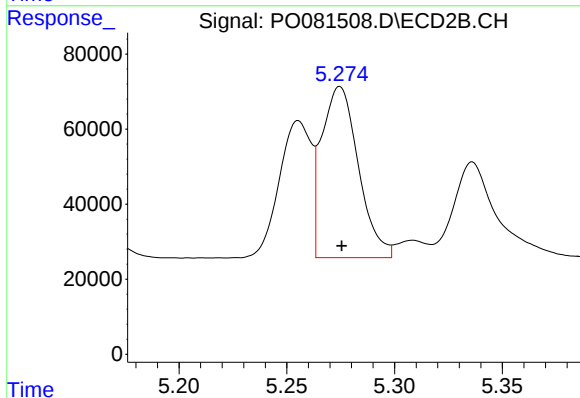
R.T.: 5.255 min
Delta R.T.: 0.000 min
Response: 376504
Conc: 513.23 ng/ml



#17 AR-1242-2

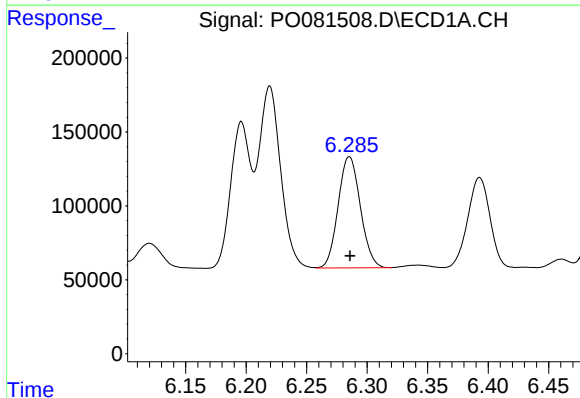
R.T.: 6.219 min
Delta R.T.: 0.000 min
Response: 1547663
Conc: 430.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



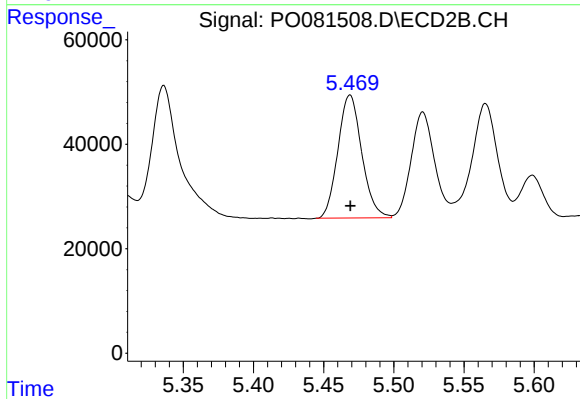
#17 AR-1242-2

R.T.: 5.275 min
Delta R.T.: 0.000 min
Response: 540703
Conc: 491.09 ng/ml



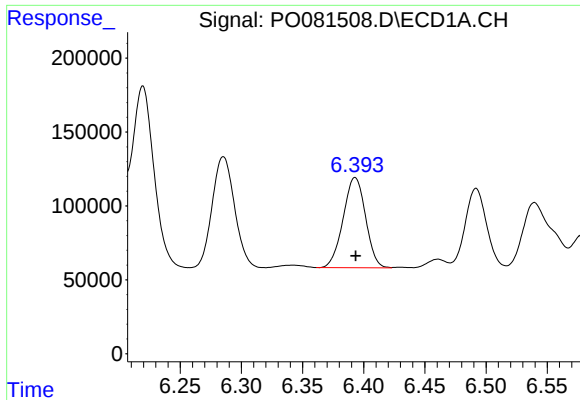
#18 AR-1242-3

R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 960858
Conc: 421.06 ng/ml



#18 AR-1242-3

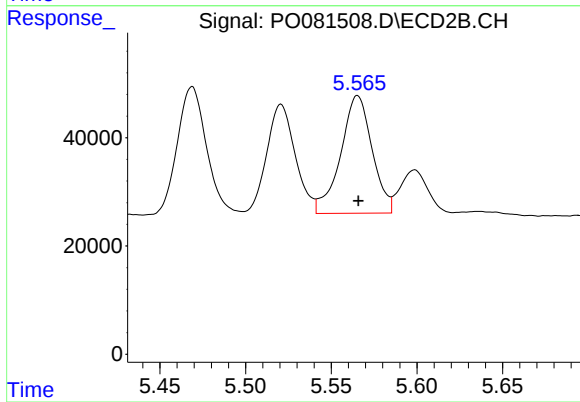
R.T.: 5.469 min
Delta R.T.: 0.000 min
Response: 278884
Conc: 497.47 ng/ml



#19 AR-1242-4

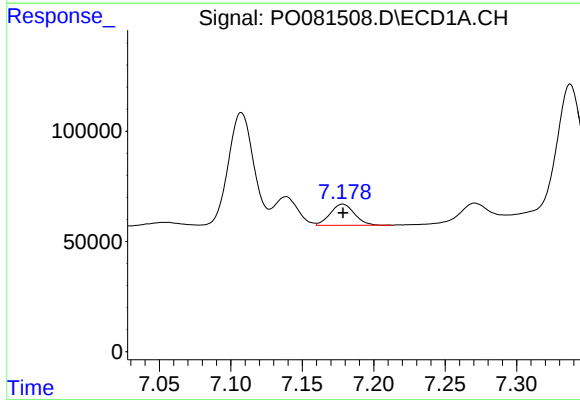
R.T.: 6.393 min
Delta R.T.: 0.000 min
Response: 778826
Conc: 428.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



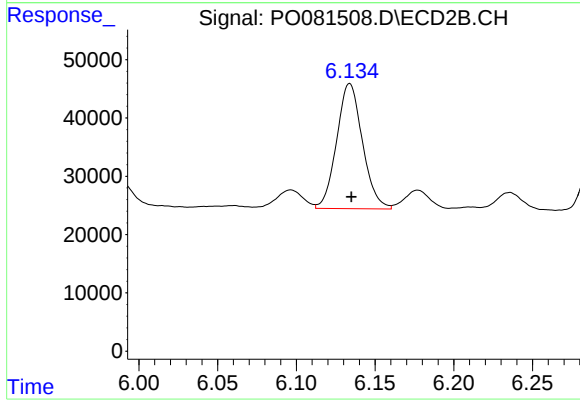
#19 AR-1242-4

R.T.: 5.565 min
Delta R.T.: 0.000 min
Response: 278328
Conc: 484.72 ng/ml



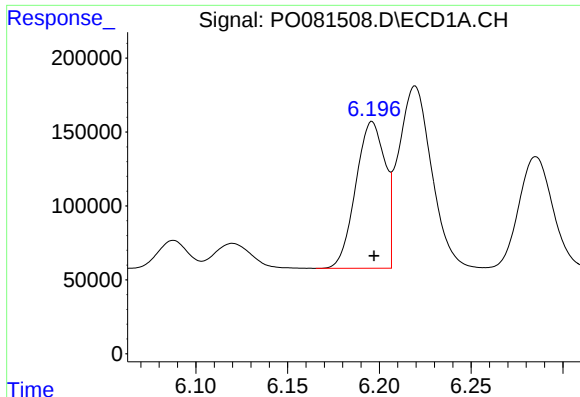
#20 AR-1242-5

R.T.: 7.178 min
Delta R.T.: 0.000 min
Response: 113662
Conc: 57.64 ng/ml



#20 AR-1242-5

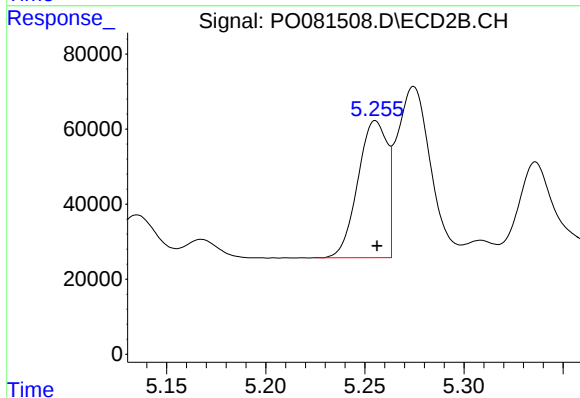
R.T.: 6.134 min
Delta R.T.: 0.000 min
Response: 244630
Conc: 327.36 ng/ml



#21 AR-1248-1

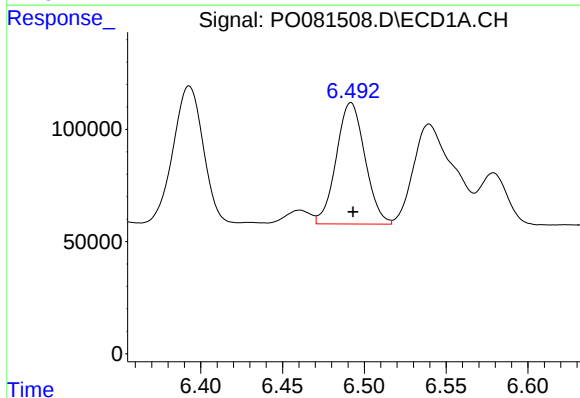
R.T.: 6.196 min
Delta R.T.: -0.001 min
Response: 1103911
Conc: 548.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



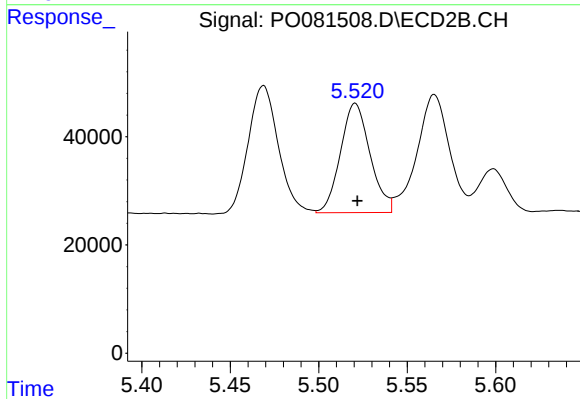
#21 AR-1248-1

R.T.: 5.255 min
Delta R.T.: 0.000 min
Response: 376504
Conc: 629.11 ng/ml



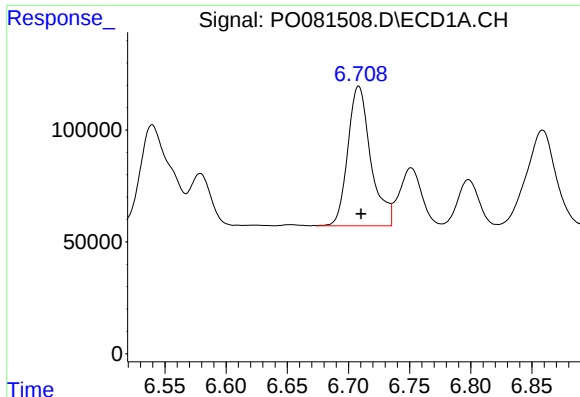
#22 AR-1248-2

R.T.: 6.492 min
Delta R.T.: -0.001 min
Response: 661250
Conc: 250.71 ng/ml



#22 AR-1248-2

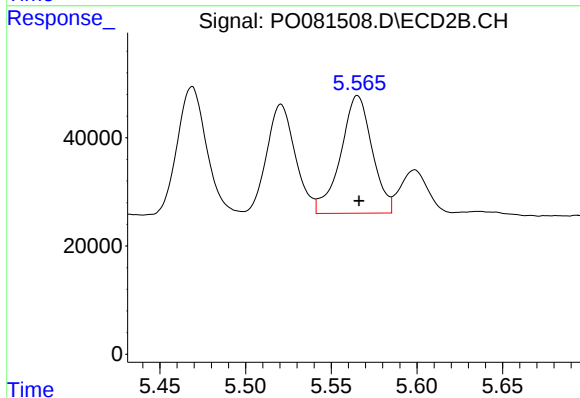
R.T.: 5.521 min
Delta R.T.: -0.001 min
Response: 235157
Conc: 265.00 ng/ml



#23 AR-1248-3

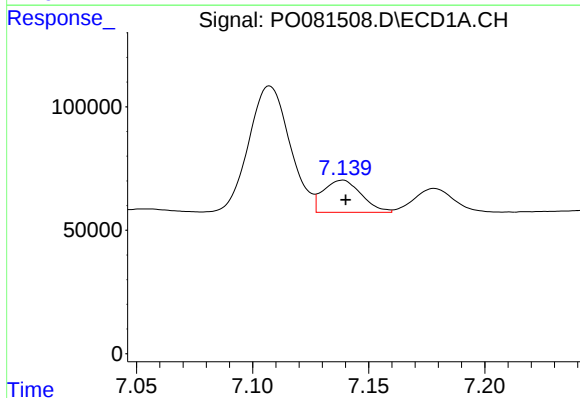
R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 816478
Conc: 260.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



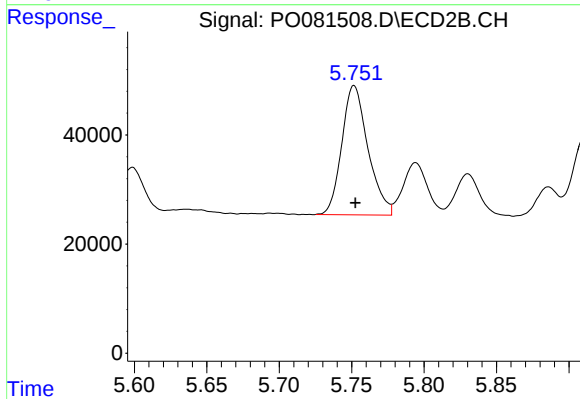
#23 AR-1248-3

R.T.: 5.565 min
Delta R.T.: 0.000 min
Response: 278328
Conc: 318.35 ng/ml



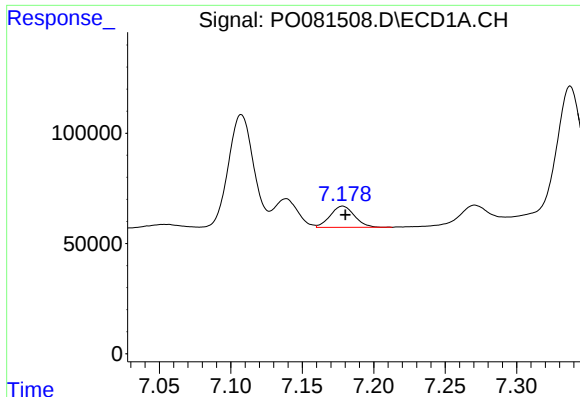
#24 AR-1248-4

R.T.: 7.139 min
Delta R.T.: -0.001 min
Response: 148532
Conc: 43.13 ng/ml



#24 AR-1248-4

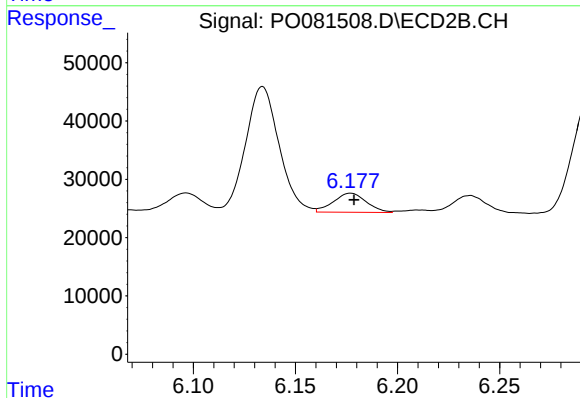
R.T.: 5.752 min
Delta R.T.: 0.000 min
Response: 298394
Conc: 293.68 ng/ml



#25 AR-1248-5

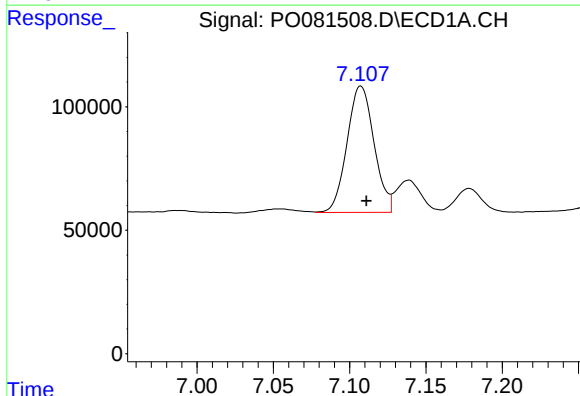
R.T.: 7.178 min
Delta R.T.: -0.002 min
Response: 113662
Conc: 33.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



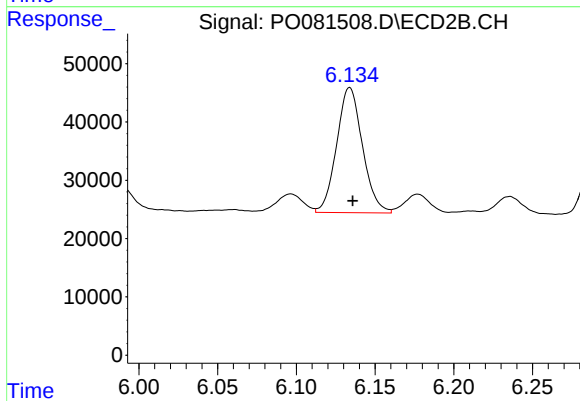
#25 AR-1248-5

R.T.: 6.177 min
Delta R.T.: -0.002 min
Response: 36585
Conc: 37.91 ng/ml



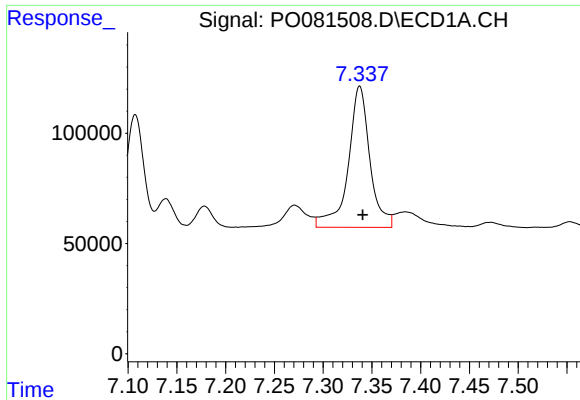
#26 AR-1254-1

R.T.: 7.107 min
Delta R.T.: -0.004 min
Response: 630824
Conc: 175.94 ng/ml



#26 AR-1254-1

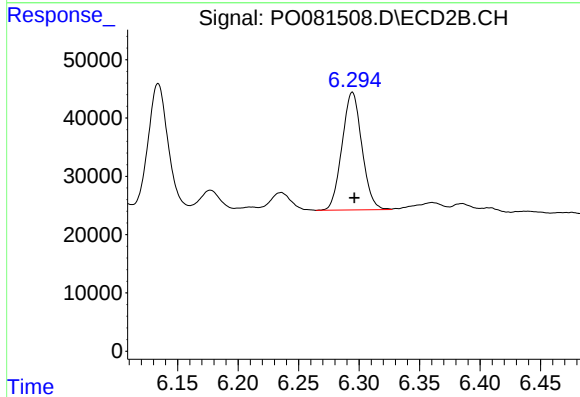
R.T.: 6.134 min
Delta R.T.: -0.002 min
Response: 244630
Conc: 159.76 ng/ml



#27 AR-1254-2

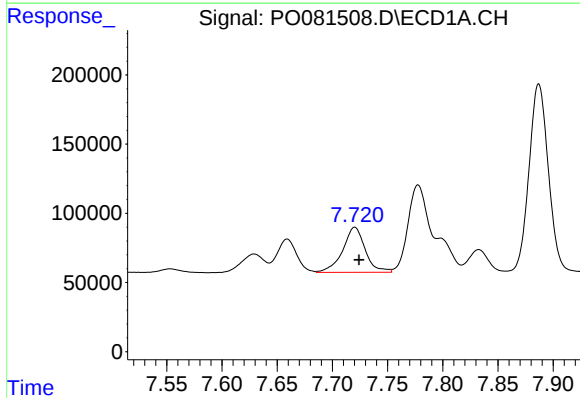
R.T.: 7.338 min
Delta R.T.: -0.003 min
Response: 988236
Conc: 179.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



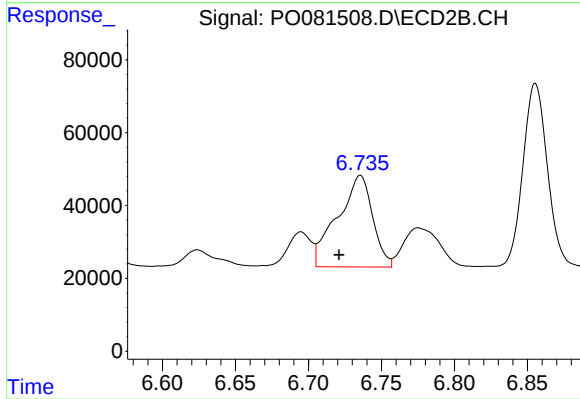
#27 AR-1254-2

R.T.: 6.295 min
Delta R.T.: -0.002 min
Response: 230543
Conc: 169.45 ng/ml



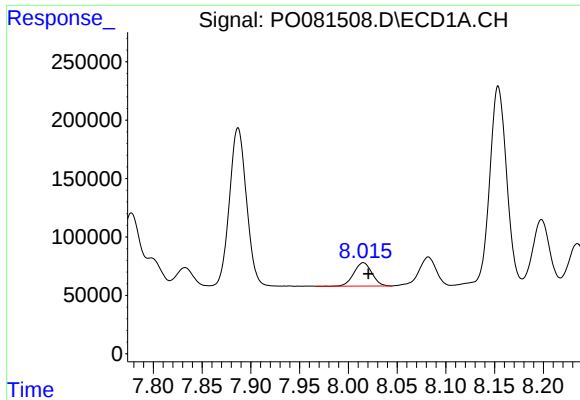
#28 AR-1254-3

R.T.: 7.720 min
Delta R.T.: -0.004 min
Response: 463134
Conc: 82.08 ng/ml



#28 AR-1254-3

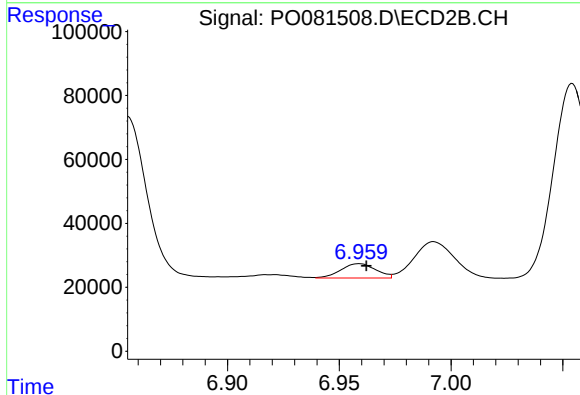
R.T.: 6.736 min
Delta R.T.: 0.014 min
Response: 420828
Conc: 211.56 ng/ml



#29 AR-1254-4

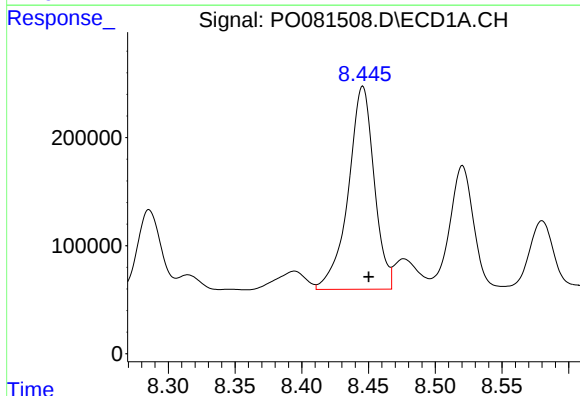
R.T.: 8.015 min
Delta R.T.: -0.005 min
Response: 257587
Conc: 62.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



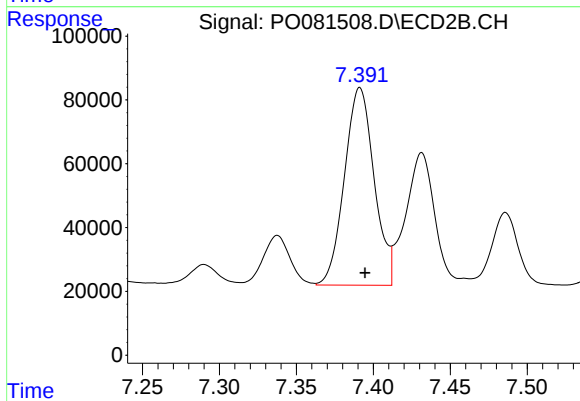
#29 AR-1254-4

R.T.: 6.959 min
Delta R.T.: -0.003 min
Response: 48691
Conc: 39.00 ng/ml



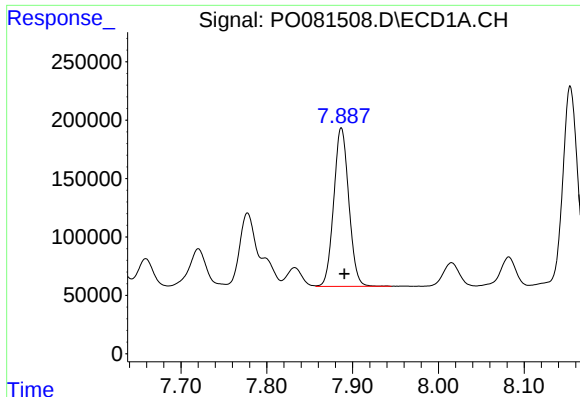
#30 AR-1254-5

R.T.: 8.446 min
Delta R.T.: -0.004 min
Response: 2538848
Conc: 550.80 ng/ml



#30 AR-1254-5

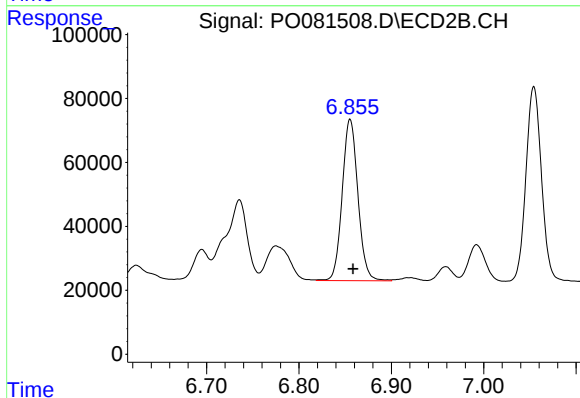
R.T.: 7.391 min
Delta R.T.: -0.003 min
Response: 830774
Conc: 444.40 ng/ml



#31 AR-1260-1

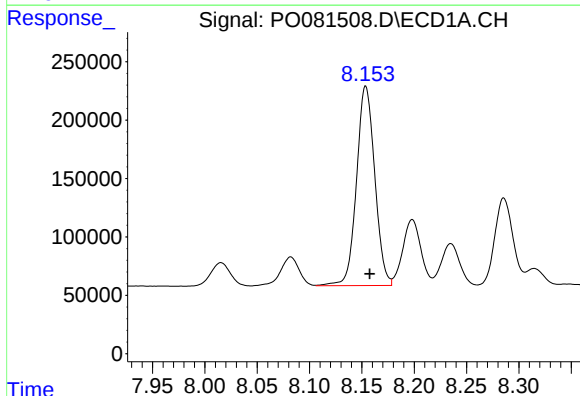
R.T.: 7.887 min
Delta R.T.: -0.004 min
Response: 1653035
Conc: 391.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



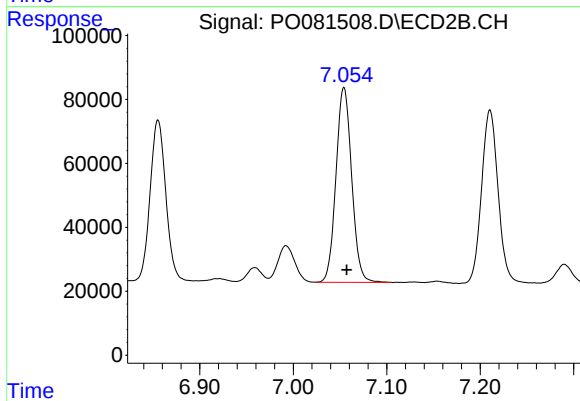
#31 AR-1260-1

R.T.: 6.855 min
Delta R.T.: -0.003 min
Response: 596669
Conc: 427.41 ng/ml



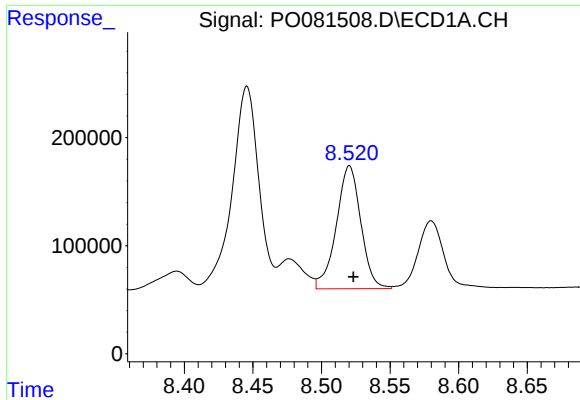
#32 AR-1260-2

R.T.: 8.154 min
Delta R.T.: -0.004 min
Response: 2072198
Conc: 399.23 ng/ml



#32 AR-1260-2

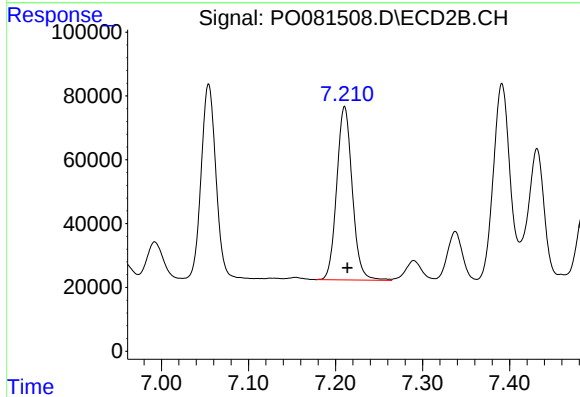
R.T.: 7.054 min
Delta R.T.: -0.003 min
Response: 711280
Conc: 435.21 ng/ml



#33 AR-1260-3

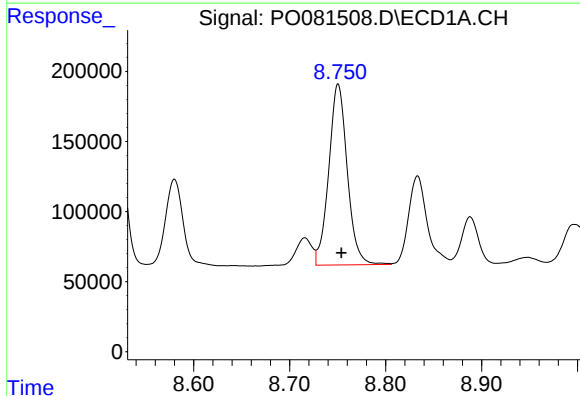
R.T.: 8.520 min
Delta R.T.: -0.003 min
Response: 1414212
Conc: 436.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



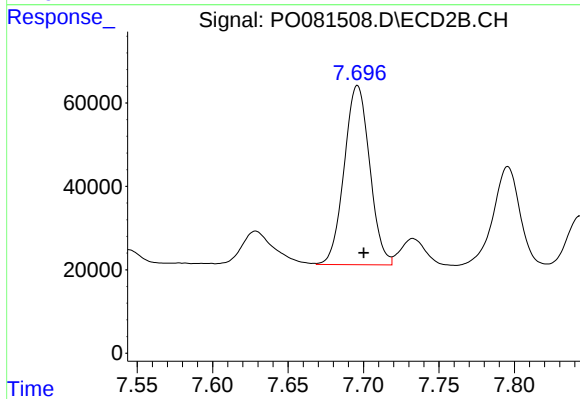
#33 AR-1260-3

R.T.: 7.210 min
Delta R.T.: -0.003 min
Response: 674285
Conc: 405.49 ng/ml



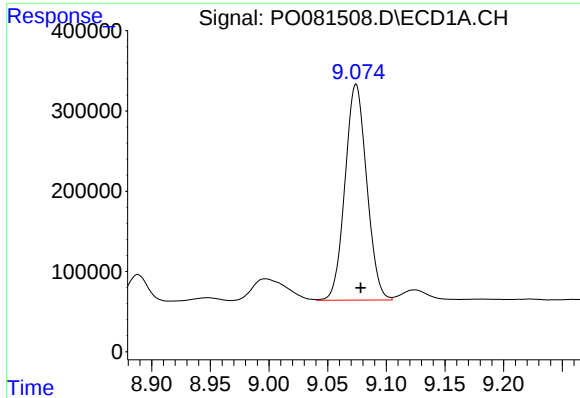
#34 AR-1260-4

R.T.: 8.750 min
Delta R.T.: -0.004 min
Response: 1733325
Conc: 434.85 ng/ml



#34 AR-1260-4

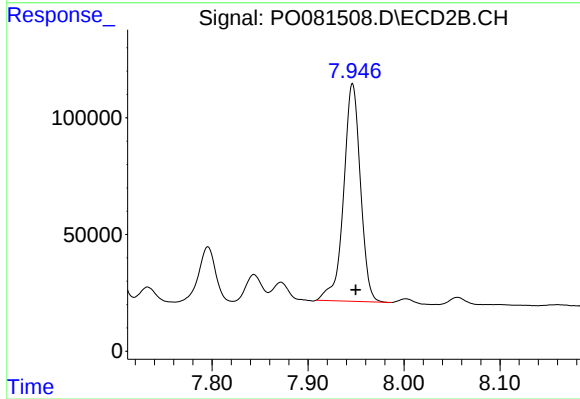
R.T.: 7.696 min
Delta R.T.: -0.004 min
Response: 505025
Conc: 454.38 ng/ml



#35 AR-1260-5

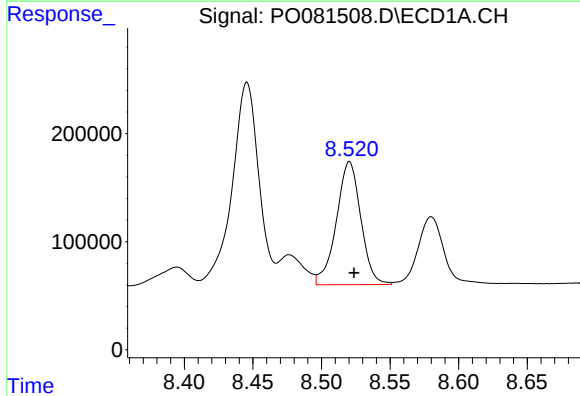
R.T.: 9.074 min
Delta R.T.: -0.004 min
Response: 3461484
Conc: 467.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



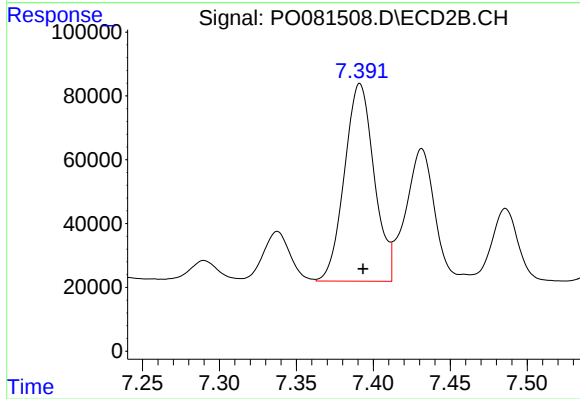
#35 AR-1260-5

R.T.: 7.946 min
Delta R.T.: -0.004 min
Response: 1136304
Conc: 460.12 ng/ml



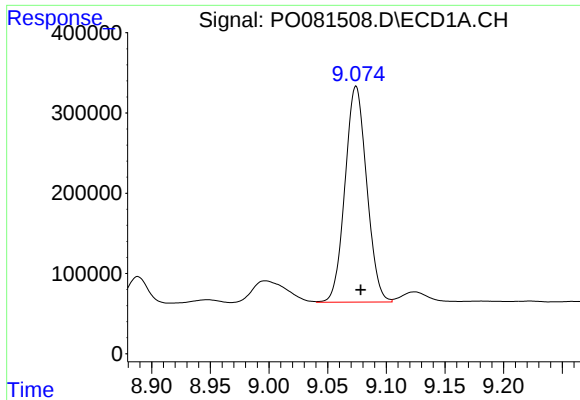
#36 AR-1262-1

R.T.: 8.520 min
Delta R.T.: -0.003 min
Response: 1414212
Conc: 272.84 ng/ml



#36 AR-1262-1

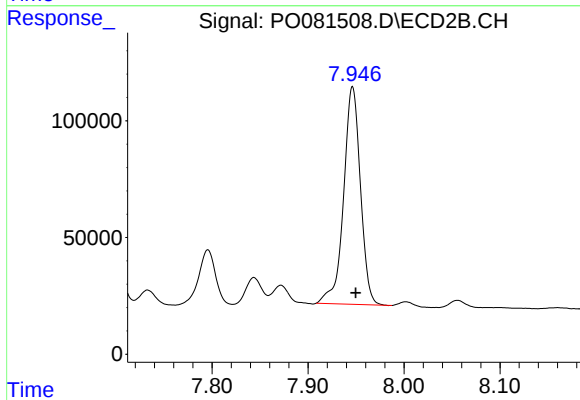
R.T.: 7.391 min
Delta R.T.: -0.002 min
Response: 830774
Conc: 834.65 ng/ml



#37 AR-1262-2

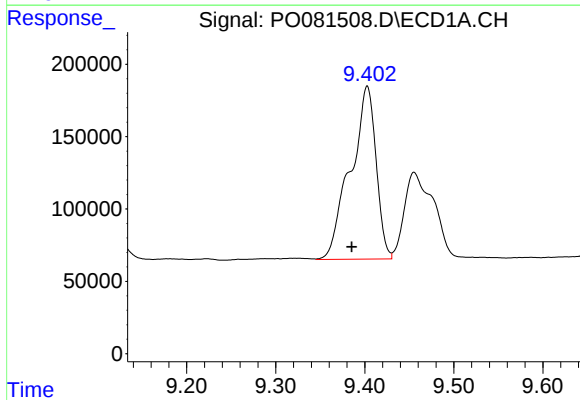
R.T.: 9.074 min
Delta R.T.: -0.004 min
Response: 3461484
Conc: 388.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



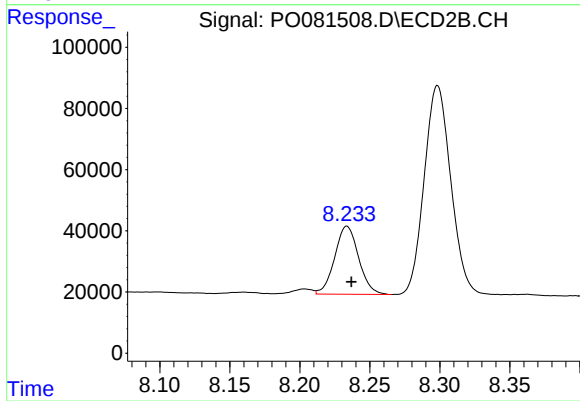
#37 AR-1262-2

R.T.: 7.946 min
Delta R.T.: -0.003 min
Response: 1136304
Conc: 370.90 ng/ml



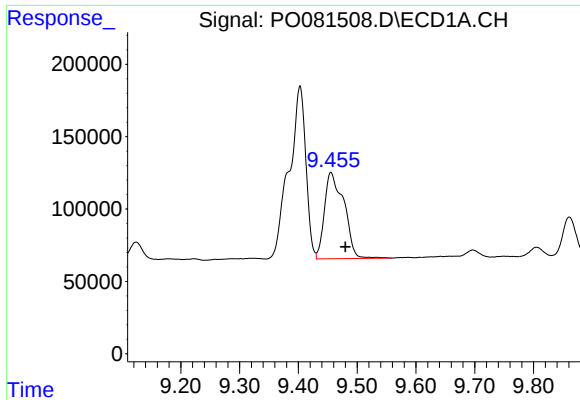
#38 AR-1262-3

R.T.: 9.403 min
Delta R.T.: 0.017 min
Response: 2387514
Conc: 595.14 ng/ml



#38 AR-1262-3

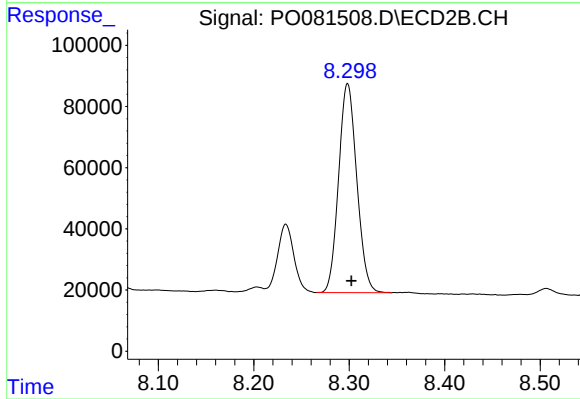
R.T.: 8.234 min
Delta R.T.: -0.003 min
Response: 264426
Conc: 197.58 ng/ml



#39 AR-1262-4

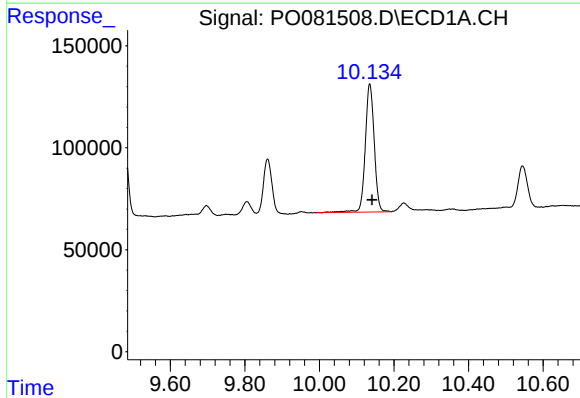
R.T.: 9.455 min
Delta R.T.: -0.024 min
Response: 1376270
Conc: 563.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



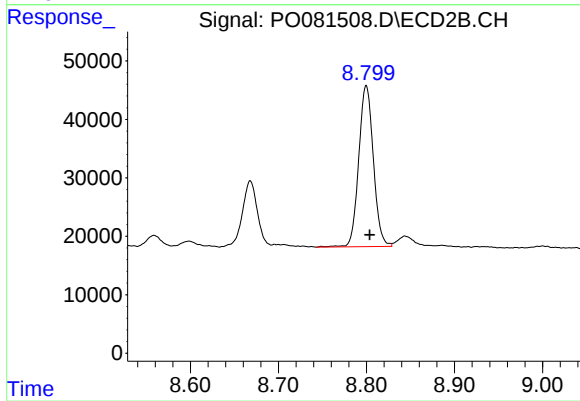
#39 AR-1262-4

R.T.: 8.298 min
Delta R.T.: -0.004 min
Response: 904134
Conc: 384.24 ng/ml



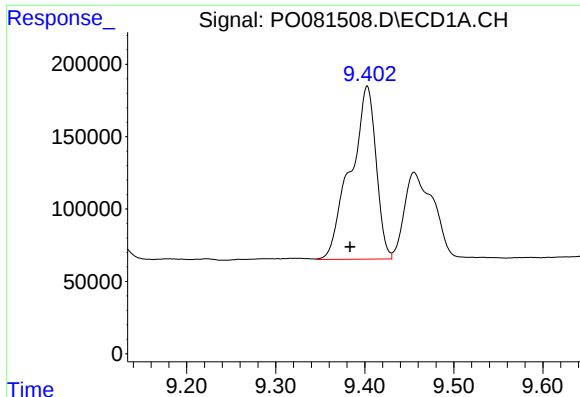
#40 AR-1262-5

R.T.: 10.135 min
Delta R.T.: -0.006 min
Response: 1049513
Conc: 308.00 ng/ml



#40 AR-1262-5

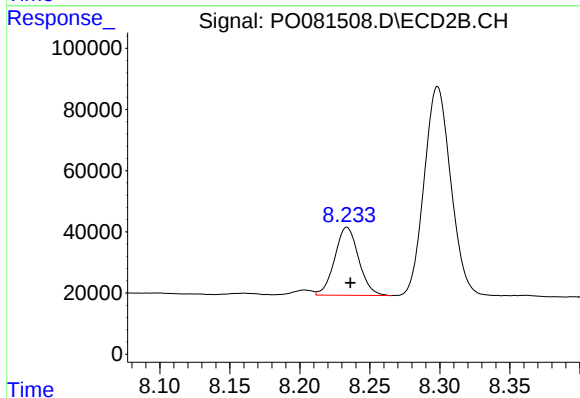
R.T.: 8.800 min
Delta R.T.: -0.004 min
Response: 317946
Conc: 279.60 ng/ml



#41 AR-1268-1

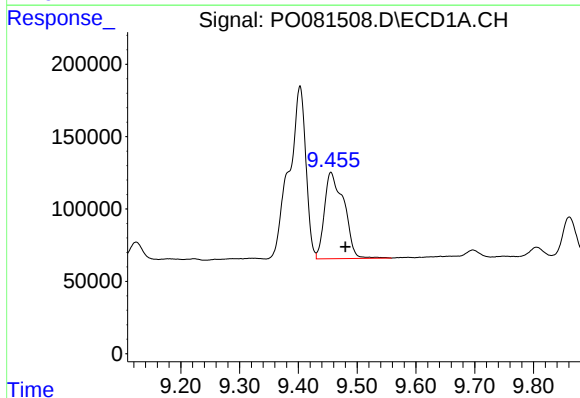
R.T.: 9.403 min
Delta R.T.: 0.019 min
Response: 2387514
Conc: 222.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



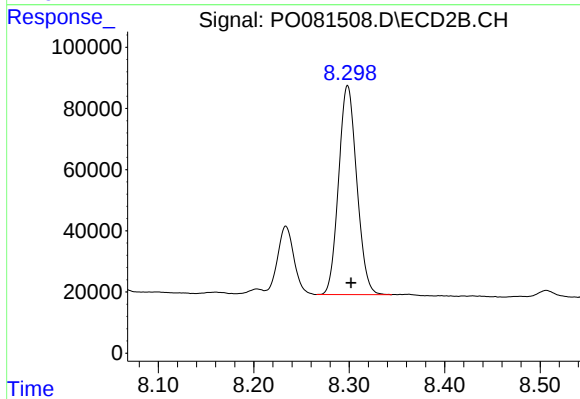
#41 AR-1268-1

R.T.: 8.234 min
Delta R.T.: -0.003 min
Response: 264426
Conc: 68.95 ng/ml



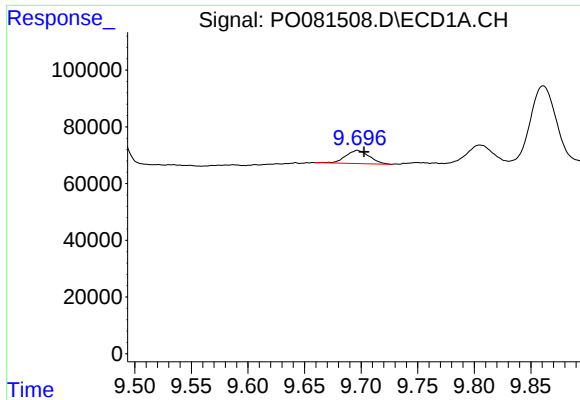
#42 AR-1268-2

R.T.: 9.455 min
Delta R.T.: -0.025 min
Response: 1376270
Conc: 136.19 ng/ml



#42 AR-1268-2

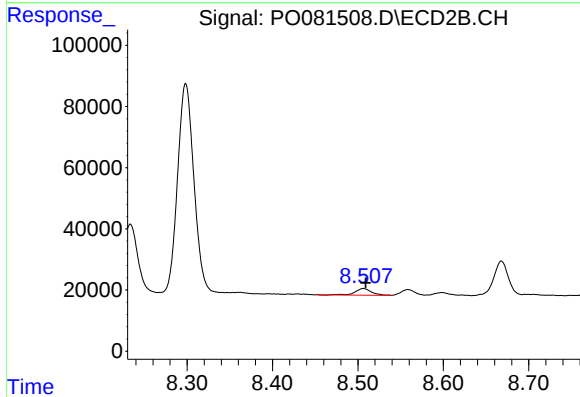
R.T.: 8.298 min
Delta R.T.: -0.004 min
Response: 904134
Conc: 259.64 ng/ml



#43 AR-1268-3

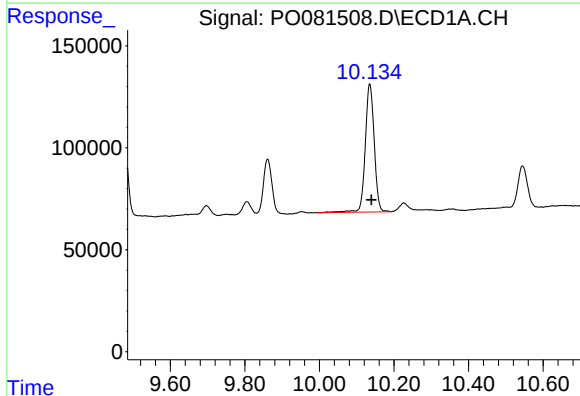
R.T.: 9.697 min
Delta R.T.: -0.006 min
Response: 67721
Conc: 7.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



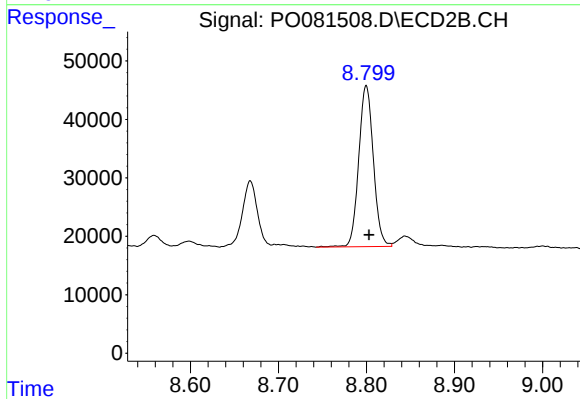
#43 AR-1268-3

R.T.: 8.506 min
Delta R.T.: -0.003 min
Response: 29071
Conc: 9.26 ng/ml



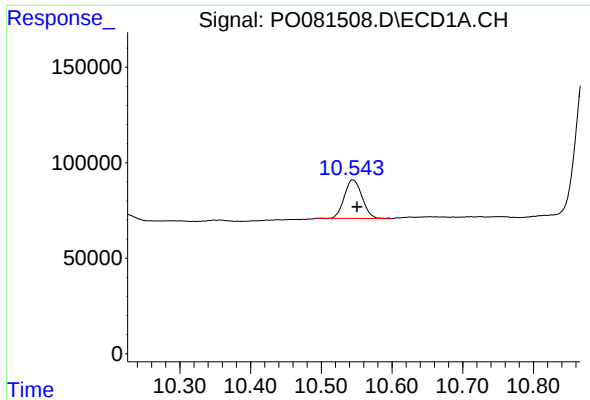
#44 AR-1268-4

R.T.: 10.135 min
Delta R.T.: -0.005 min
Response: 1049513
Conc: 273.33 ng/ml



#44 AR-1268-4

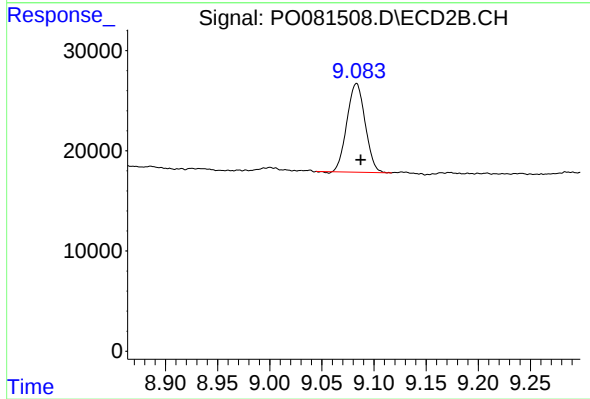
R.T.: 8.800 min
Delta R.T.: -0.003 min
Response: 317946
Conc: 246.57 ng/ml



#45 AR-1268-5

R.T.: 10.544 min
Delta R.T.: -0.006 min
Response: 352029
Conc: 12.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.083 min
Delta R.T.: -0.004 min
Response: 107507
Conc: 11.96 ng/ml