

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121019\
 Data File : PO064529.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 11 Dec 2019 2:57
 Operator : SM/AJ
 Sample : K6143-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 7EMSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 05:36:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Nov 28 01:28:08 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...	4.317	3.565	798340	705297	26.957	29.653
2)	SA Decachlor...	9.939	8.519	597184	634404	14.571	15.530
Target Compounds							
3)	L1 AR-1016-1	5.477	4.639	410120	327012	315.928	312.329
4)	L1 AR-1016-2	5.500	4.658	551603	441605	302.562	313.048
5)	L1 AR-1016-3	5.561	4.832	335837	246007	292.607	319.397
6)	L1 AR-1016-4	5.659	4.873	280879	233127	298.673	358.370
7)	L1 AR-1016-5	5.950	5.084	300663	229148	308.969	275.247
8)	L2 AR-1221-1	4.521	3.776	31630	47669	89.033	182.210 #
9)	L2 AR-1221-2	4.613	3.862	45660	50367	165.142	252.018 #
10)	L2 AR-1221-3	4.688	3.937	177637	147277	211.553	227.758
11)	L3 AR-1232-1	4.688	3.937	177637	147277	138.554	145.429
12)	L3 AR-1232-2	5.211	4.658	314682	441605	447.926	405.067
13)	L3 AR-1232-3	5.500	4.832	551603	246007	398.320	423.160
14)	L3 AR-1232-4	5.659	4.915	280879	238666	394.781	449.563
15)	L3 AR-1232-5	5.748	5.084	238347	229148	423.191	391.359
16)	L4 AR-1242-1	5.477	4.639	410120	327012	430.711	427.063
17)	L4 AR-1242-2	5.500	4.658	551603	441605	408.415	427.427
18)	L4 AR-1242-3	5.561	4.832	335837	246007	391.363	438.970
19)	L4 AR-1242-4	5.659	4.915	280879	238666	401.710	420.798
20)	L4 AR-1242-5	6.391	5.434	82719	373715	97.913	476.192 #
21)	L5 AR-1248-1	5.477	4.639	410120	327012	731.176	728.246
22)	L5 AR-1248-2	5.748	4.873	238347	233127	287.615	370.753 #
23)	L5 AR-1248-3	5.950	4.915	300663	238666	326.853	369.894
24)	L5 AR-1248-4	6.353	5.084	112199	229148	101.226	290.702 #
25)	L5 AR-1248-5	6.391	5.434	82719	373715	77.093	308.457 #
26)	L6 AR-1254-1	6.325	5.434	404611	373715	247.904	190.151
27)	L6 AR-1254-2	6.542	5.579	693031	618114	265.850	345.141 #
28)	L6 AR-1254-3	6.908	5.982	553606	938996	191.807	303.409 #
29)	L6 AR-1254-4	7.192	6.207	657293	562161	287.009	272.464
30)	L6 AR-1254-5	7.608	6.622	3074092	3121291	1203.047	1034.844
31)	L7 AR-1260-1	7.070	6.109	1303833	1436640	690.893	818.497
32)	L7 AR-1260-2	7.326	6.295	2134910	2369301	912.862	1064.962
33)	L7 AR-1260-3	7.683	6.449	2191370	1724936	1183.693	848.376 #
34)	L7 AR-1260-4	7.907	6.918	2618745	2253655	1194.909	1215.066
35)	L7 AR-1260-5	8.218	7.159	4155336	5633800	941.193	1163.669
36)	L8 AR-1262-1	7.683	6.713	2191370	1112614	733.970	885.466
37)	L8 AR-1262-2	8.218	7.159	4155336	5633800	753.634	944.428 #
38)	L8 AR-1262-3	8.521	7.440	3255042	2000126	841.259	857.963
39)	L8 AR-1262-4	8.603	7.504	1079721	3780198	369.353	848.893 #
40)	L8 AR-1262-5	9.231	7.996	1449249	1604799	690.484	759.836
41)	L9 AR-1268-1	8.521	7.440	3255042	2000126	499.248	286.475 #

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 Acq On : 11 Dec 2019 2:57
 Operator : SM/AJ
 Sample : K6143-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

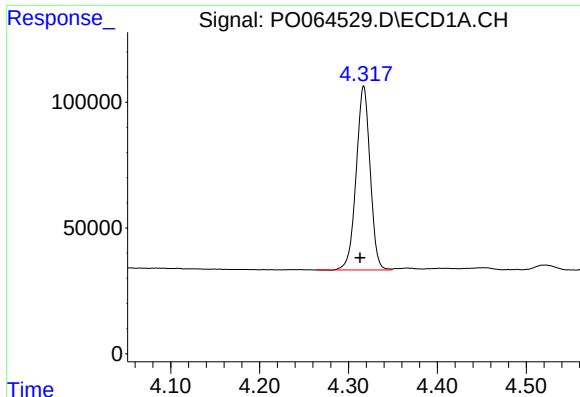
Instrument :
 ECD_O
 ClientSampleId :
 7EMSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 05:36:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112719.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	8.603	7.504	1079721	3780198	178.717	590.422 #
43) L9	AR-1268-3	8.822	7.710	108455	131560	21.844	25.119
44) L9	AR-1268-4	9.231	7.996	1449249	1604799	619.422	686.929
45) L9	AR-1268-5	9.622	8.275	441580	452210	28.745	27.379

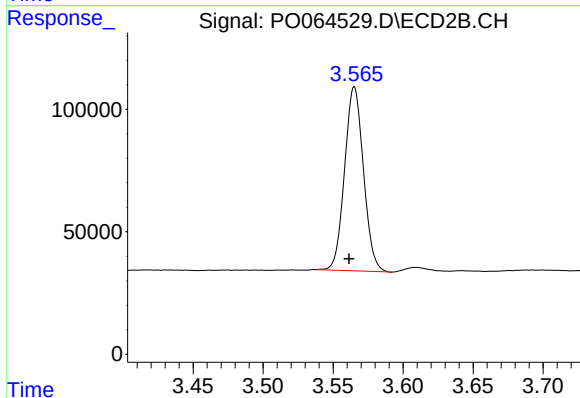
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

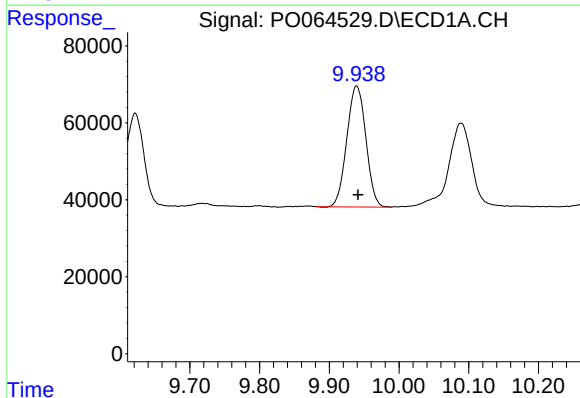
R.T.: 4.317 min
Delta R.T.: 0.004 min
Response: 798340
Conc: 26.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
7EMSD



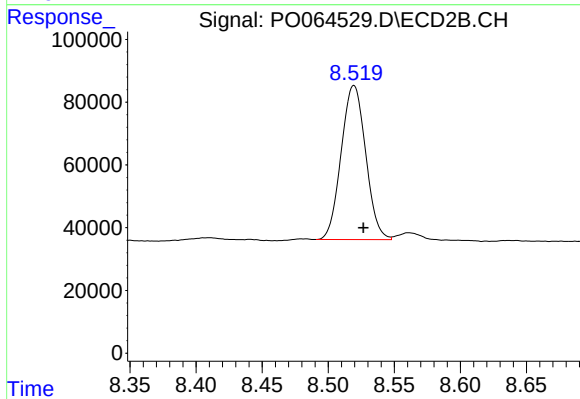
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: 0.004 min
Response: 705297
Conc: 29.65 ng/ml



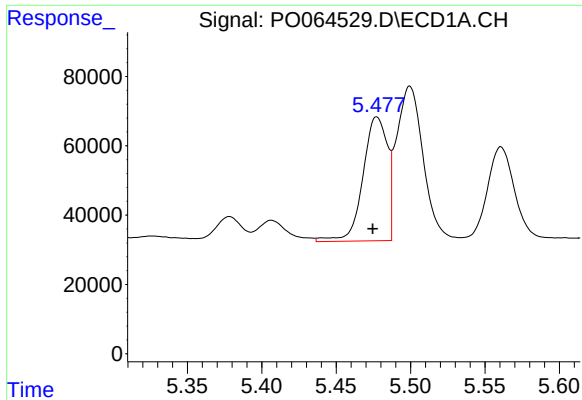
#2 Decachlorobiphenyl

R.T.: 9.939 min
Delta R.T.: -0.002 min
Response: 597184
Conc: 14.57 ng/ml



#2 Decachlorobiphenyl

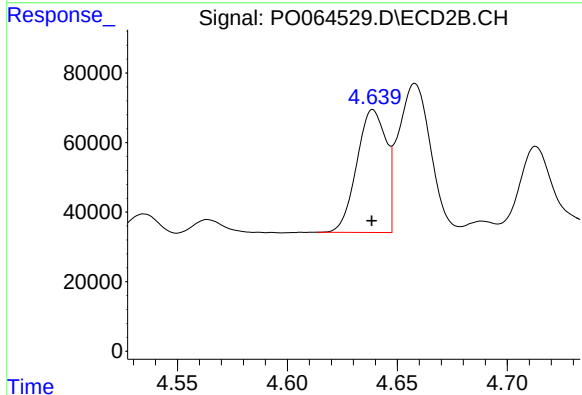
R.T.: 8.519 min
Delta R.T.: -0.007 min
Response: 634404
Conc: 15.53 ng/ml



#3 AR-1016-1

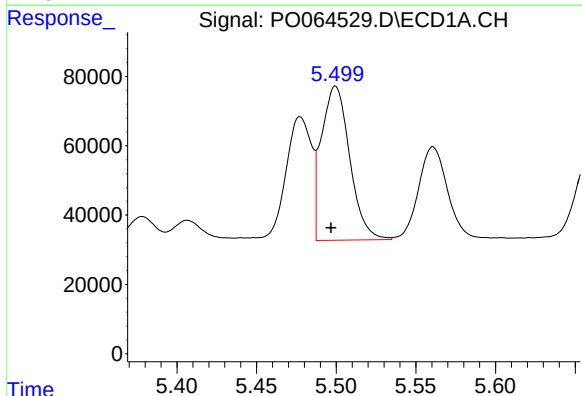
R.T.: 5.477 min
Delta R.T.: 0.003 min
Response: 410120
Conc: 315.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
7EMSD



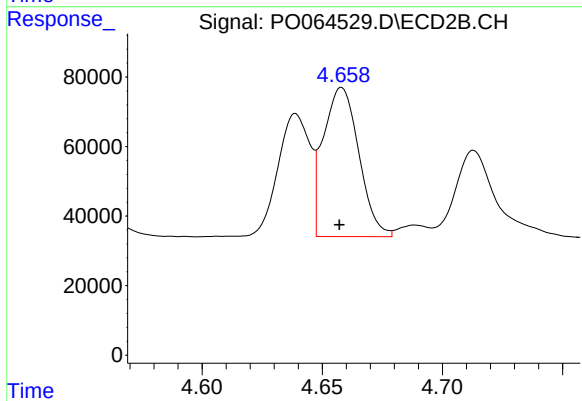
#3 AR-1016-1

R.T.: 4.639 min
Delta R.T.: 0.000 min
Response: 327012
Conc: 312.33 ng/ml



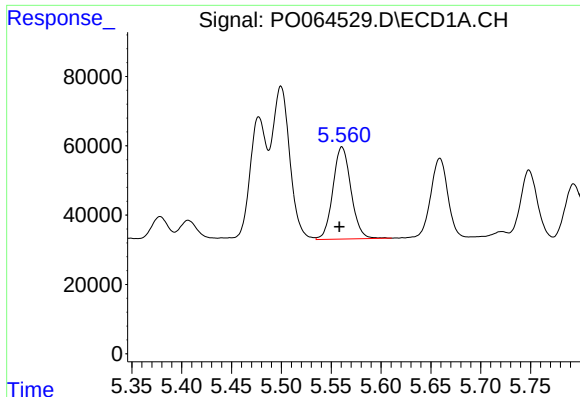
#4 AR-1016-2

R.T.: 5.500 min
Delta R.T.: 0.003 min
Response: 551603
Conc: 302.56 ng/ml



#4 AR-1016-2

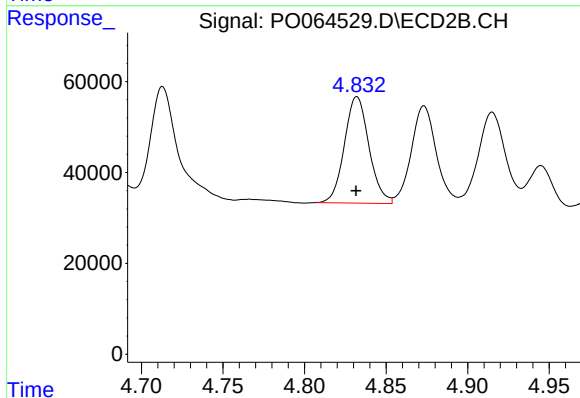
R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 441605
Conc: 313.05 ng/ml



#5 AR-1016-3

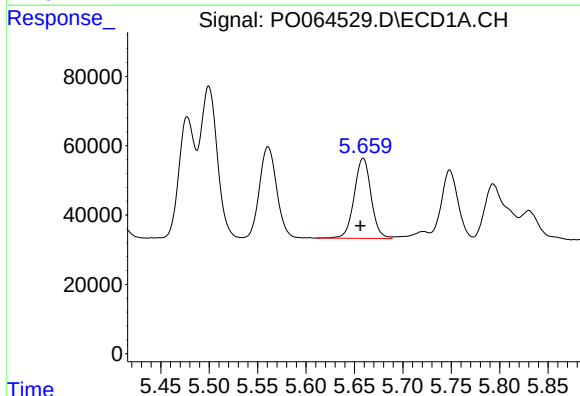
R.T.: 5.561 min
Delta R.T.: 0.002 min
Response: 335837
Conc: 292.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
7EMSD



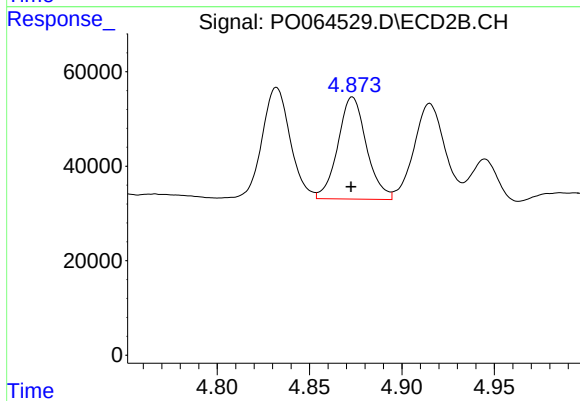
#5 AR-1016-3

R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 246007
Conc: 319.40 ng/ml



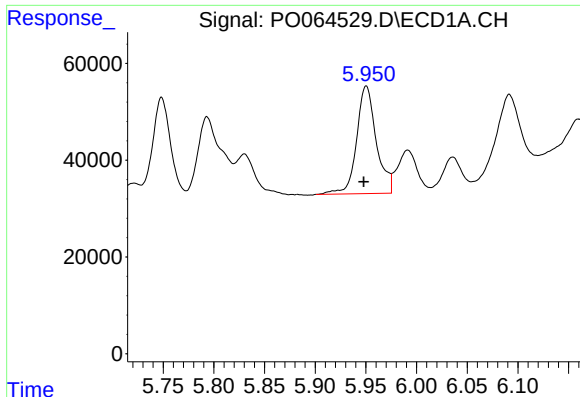
#6 AR-1016-4

R.T.: 5.659 min
Delta R.T.: 0.003 min
Response: 280879
Conc: 298.67 ng/ml



#6 AR-1016-4

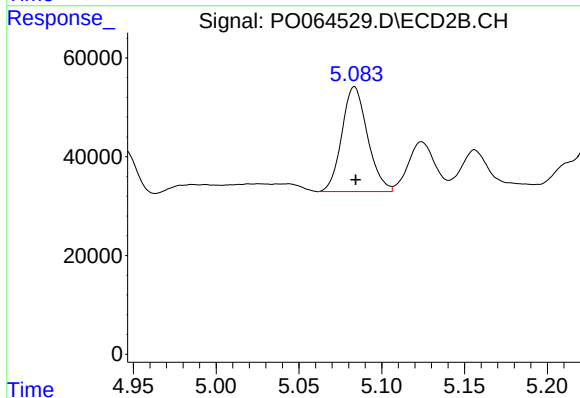
R.T.: 4.873 min
Delta R.T.: 0.000 min
Response: 233127
Conc: 358.37 ng/ml



#7 AR-1016-5

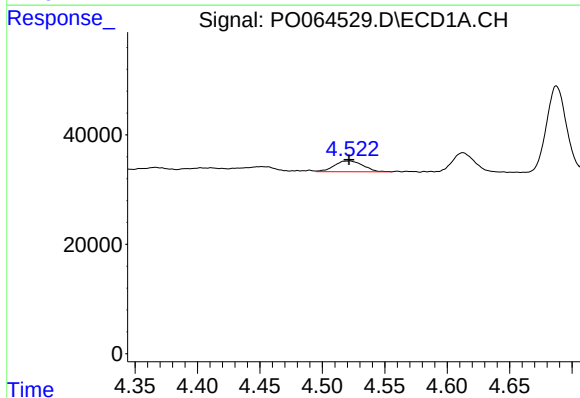
R.T.: 5.950 min
Delta R.T.: 0.003 min
Response: 300663
Conc: 308.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
7EMSD



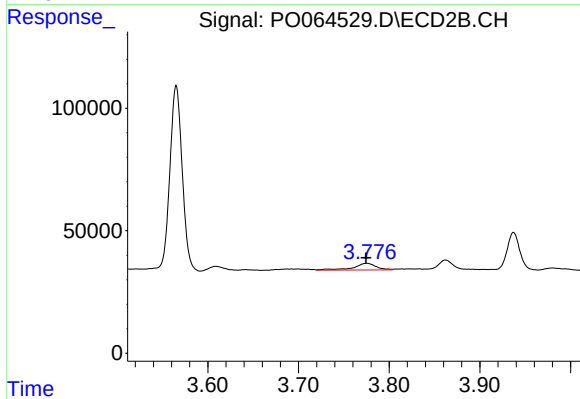
#7 AR-1016-5

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 229148
Conc: 275.25 ng/ml



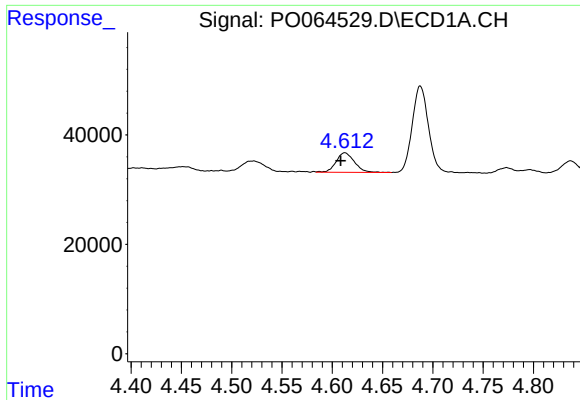
#8 AR-1221-1

R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 31630
Conc: 89.03 ng/ml



#8 AR-1221-1

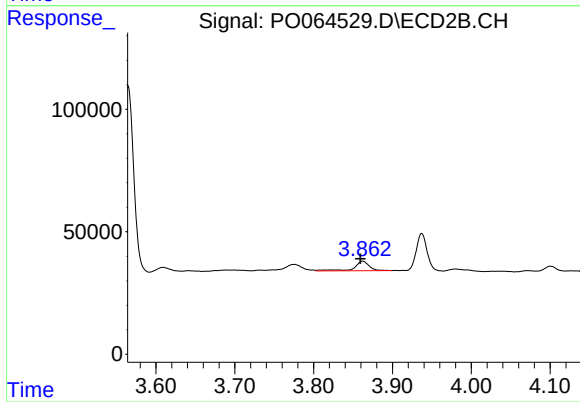
R.T.: 3.776 min
Delta R.T.: 0.000 min
Response: 47669
Conc: 182.21 ng/ml



#9 AR-1221-2

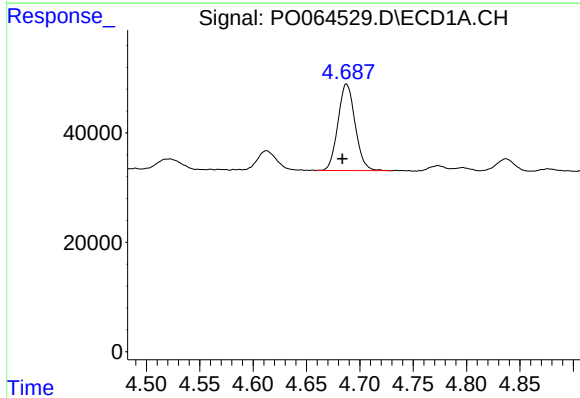
R.T.: 4.613 min
Delta R.T.: 0.004 min
Response: 45660
Conc: 165.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
7EMSD



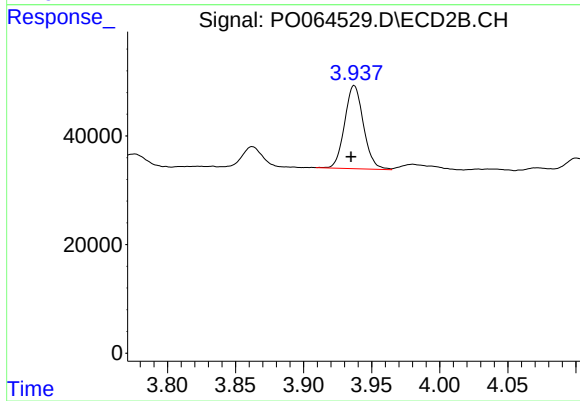
#9 AR-1221-2

R.T.: 3.862 min
Delta R.T.: 0.003 min
Response: 50367
Conc: 252.02 ng/ml



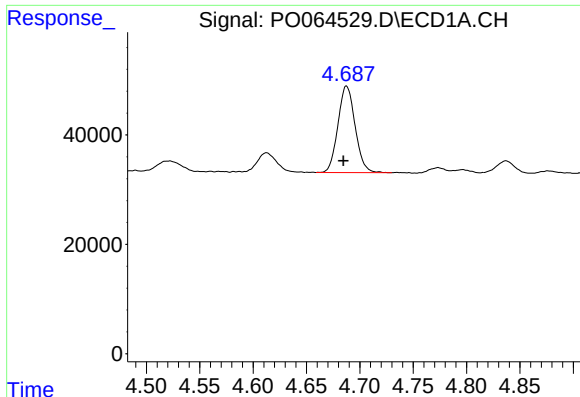
#10 AR-1221-3

R.T.: 4.688 min
Delta R.T.: 0.004 min
Response: 177637
Conc: 211.55 ng/ml



#10 AR-1221-3

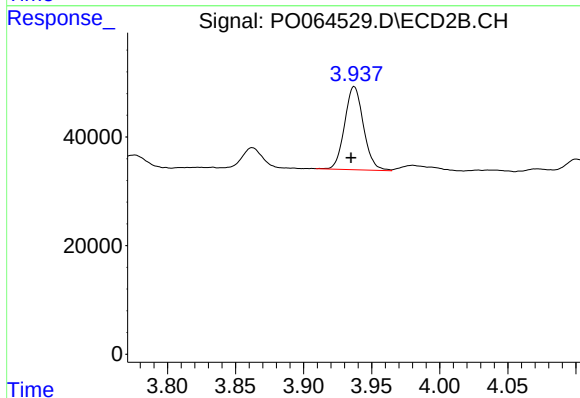
R.T.: 3.937 min
Delta R.T.: 0.002 min
Response: 147277
Conc: 227.76 ng/ml



#11 AR-1232-1

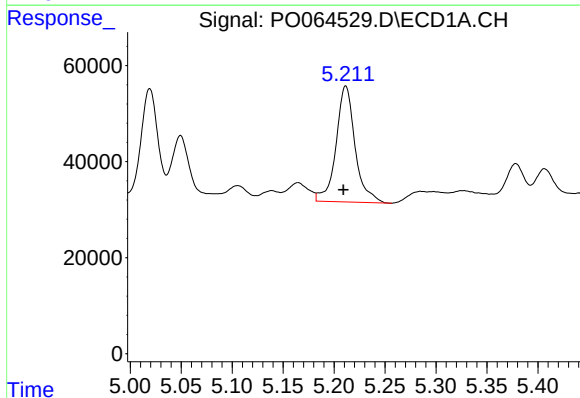
R.T.: 4.688 min
Delta R.T.: 0.003 min
Response: 177637
Conc: 138.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
7EMSD



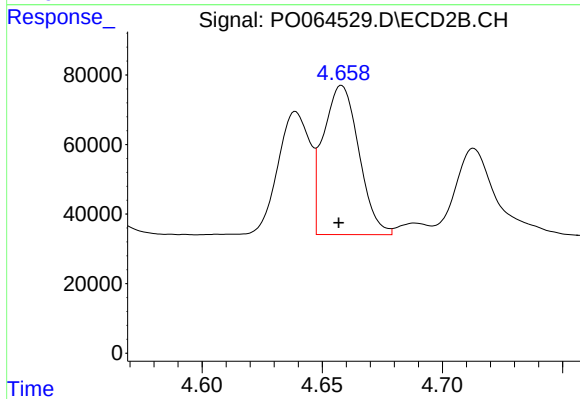
#11 AR-1232-1

R.T.: 3.937 min
Delta R.T.: 0.002 min
Response: 147277
Conc: 145.43 ng/ml



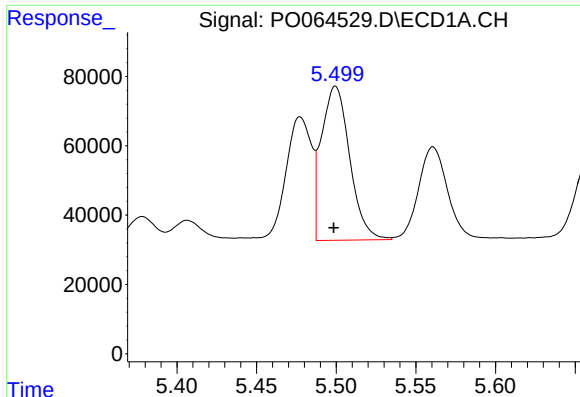
#12 AR-1232-2

R.T.: 5.211 min
Delta R.T.: 0.002 min
Response: 314682
Conc: 447.93 ng/ml



#12 AR-1232-2

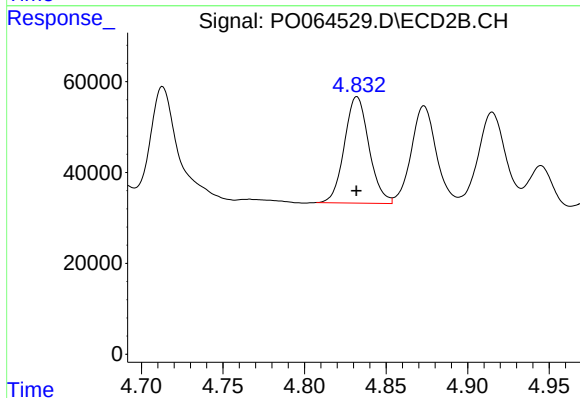
R.T.: 4.658 min
Delta R.T.: 0.001 min
Response: 441605
Conc: 405.07 ng/ml



#13 AR-1232-3

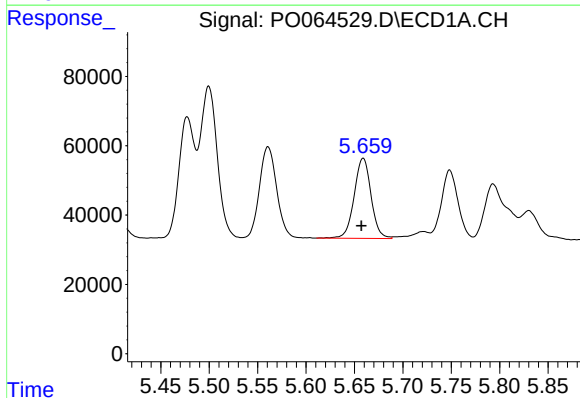
R.T.: 5.500 min
Delta R.T.: 0.001 min
Response: 551603
Conc: 398.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
7EMSD



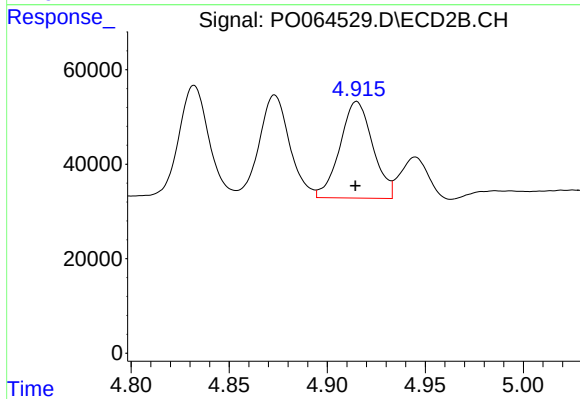
#13 AR-1232-3

R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 246007
Conc: 423.16 ng/ml



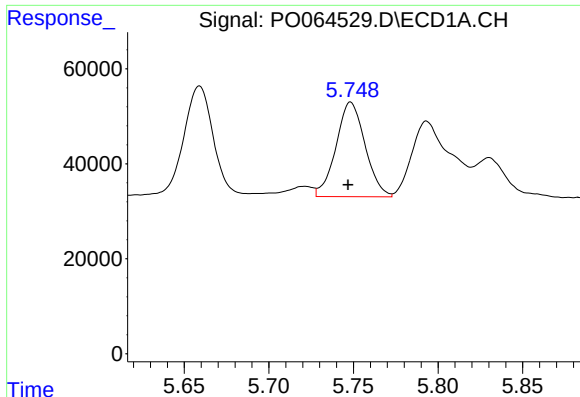
#14 AR-1232-4

R.T.: 5.659 min
Delta R.T.: 0.002 min
Response: 280879
Conc: 394.78 ng/ml



#14 AR-1232-4

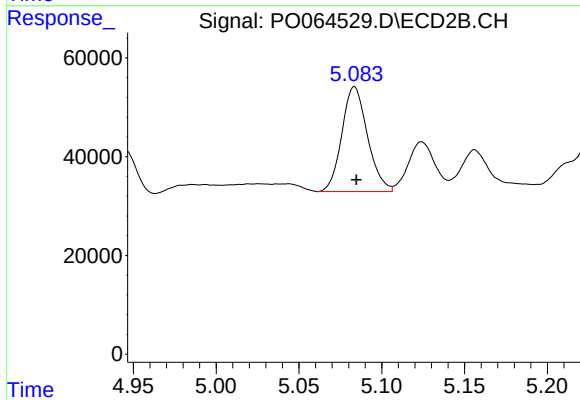
R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 238666
Conc: 449.56 ng/ml



#15 AR-1232-5

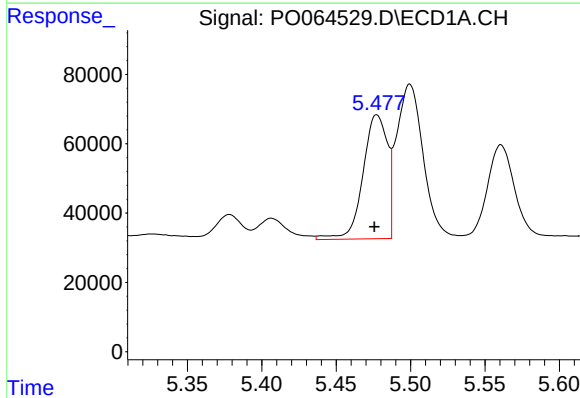
R.T.: 5.748 min
Delta R.T.: 0.002 min
Response: 238347
Conc: 423.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
7EMSD



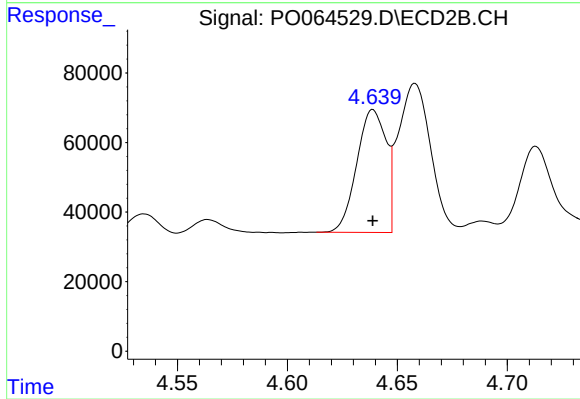
#15 AR-1232-5

R.T.: 5.084 min
Delta R.T.: -0.001 min
Response: 229148
Conc: 391.36 ng/ml



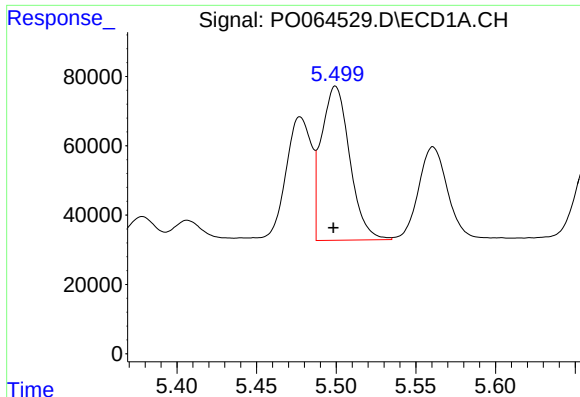
#16 AR-1242-1

R.T.: 5.477 min
Delta R.T.: 0.002 min
Response: 410120
Conc: 430.71 ng/ml



#16 AR-1242-1

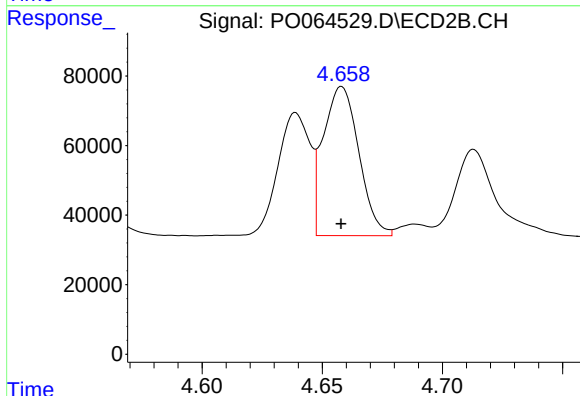
R.T.: 4.639 min
Delta R.T.: 0.000 min
Response: 327012
Conc: 427.06 ng/ml



#17 AR-1242-2

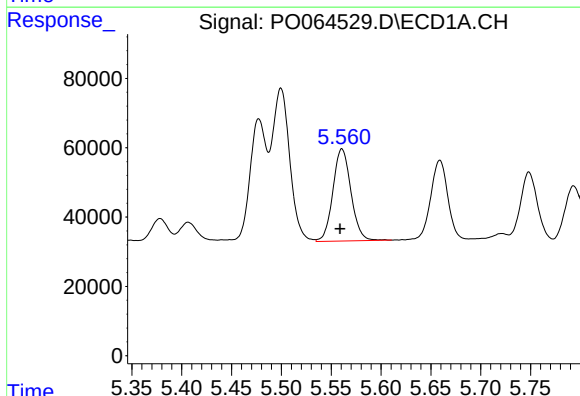
R.T.: 5.500 min
Delta R.T.: 0.001 min
Response: 551603
Conc: 408.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
7EMSD



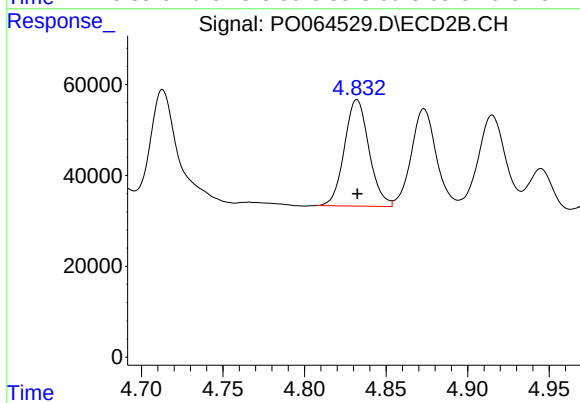
#17 AR-1242-2

R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 441605
Conc: 427.43 ng/ml



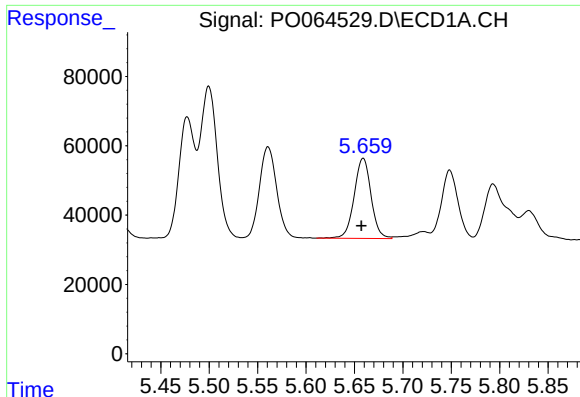
#18 AR-1242-3

R.T.: 5.561 min
Delta R.T.: 0.002 min
Response: 335837
Conc: 391.36 ng/ml



#18 AR-1242-3

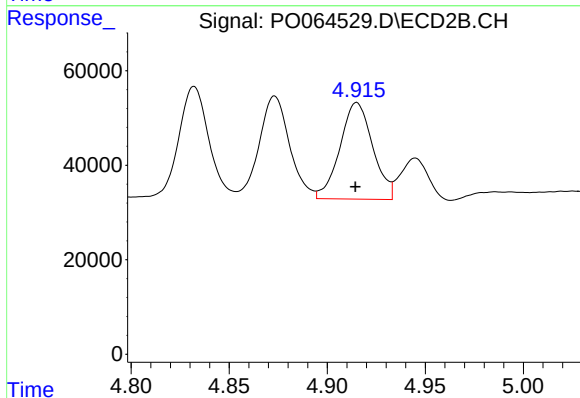
R.T.: 4.832 min
Delta R.T.: 0.000 min
Response: 246007
Conc: 438.97 ng/ml



#19 AR-1242-4

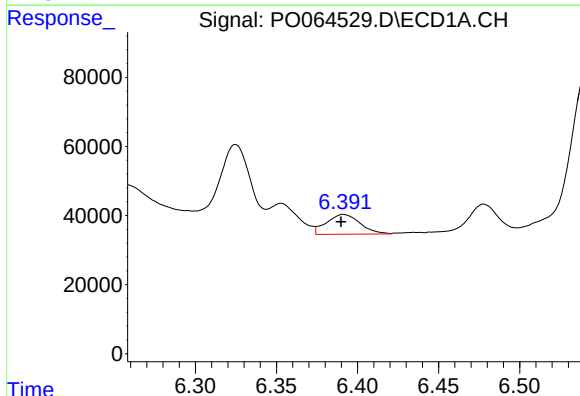
R.T.: 5.659 min
Delta R.T.: 0.002 min
Response: 280879
Conc: 401.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
7EMSD



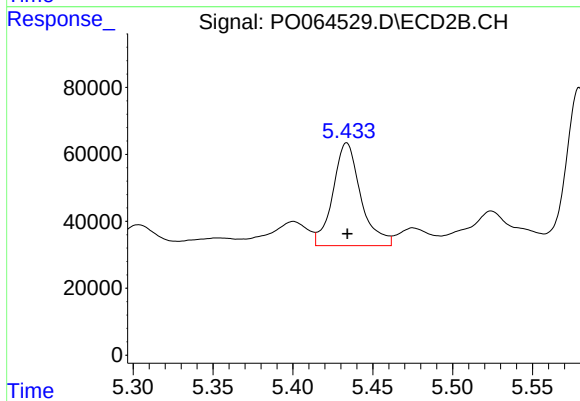
#19 AR-1242-4

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 238666
Conc: 420.80 ng/ml



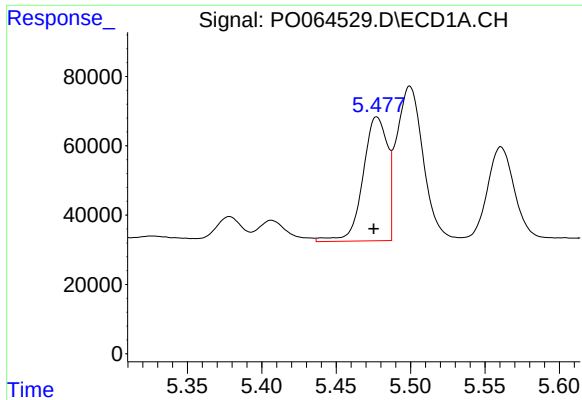
#20 AR-1242-5

R.T.: 6.391 min
Delta R.T.: 0.002 min
Response: 82719
Conc: 97.91 ng/ml



#20 AR-1242-5

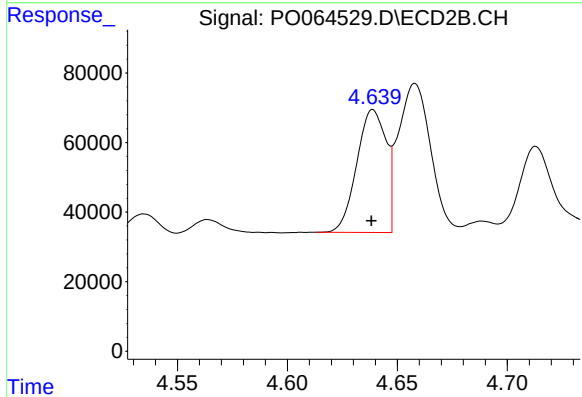
R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 373715
Conc: 476.19 ng/ml



#21 AR-1248-1

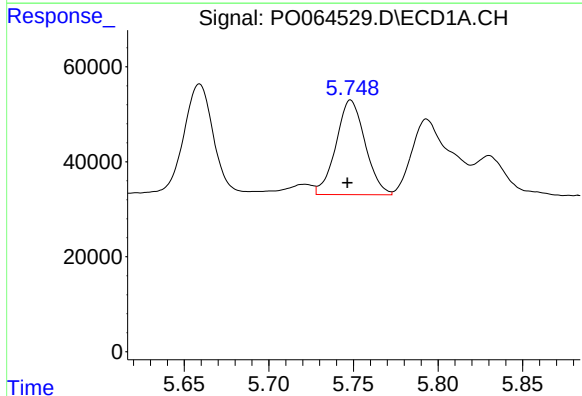
R.T.: 5.477 min
Delta R.T.: 0.002 min
Response: 410120
Conc: 731.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
7EMSD



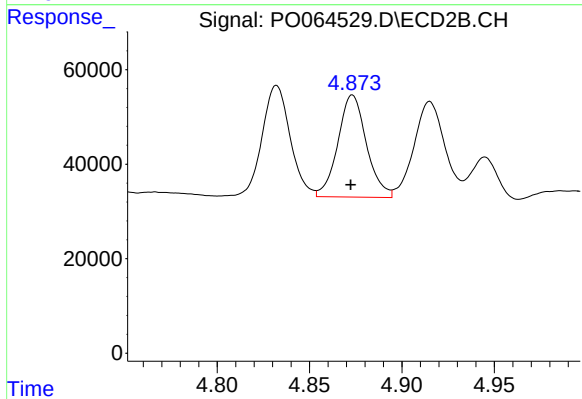
#21 AR-1248-1

R.T.: 4.639 min
Delta R.T.: 0.000 min
Response: 327012
Conc: 728.25 ng/ml



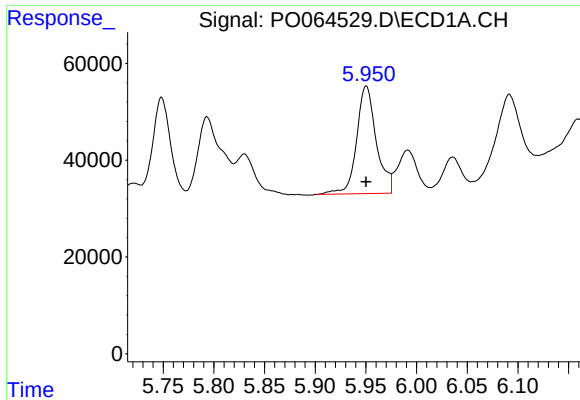
#22 AR-1248-2

R.T.: 5.748 min
Delta R.T.: 0.002 min
Response: 238347
Conc: 287.62 ng/ml



#22 AR-1248-2

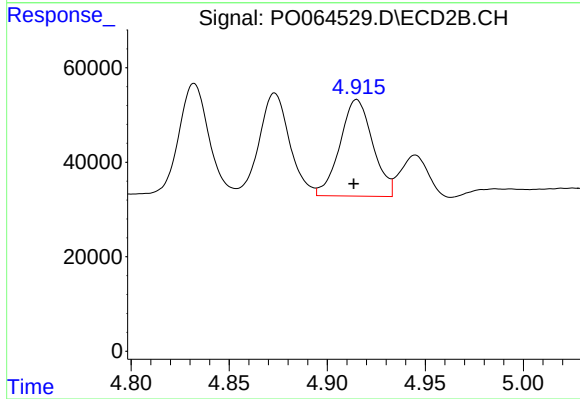
R.T.: 4.873 min
Delta R.T.: 0.000 min
Response: 233127
Conc: 370.75 ng/ml



#23 AR-1248-3

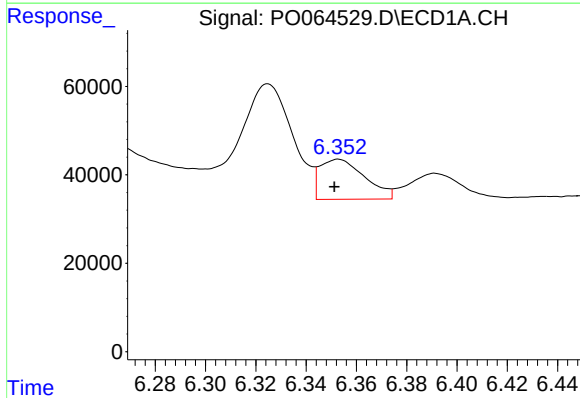
R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 300663
Conc: 326.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
7EMSD



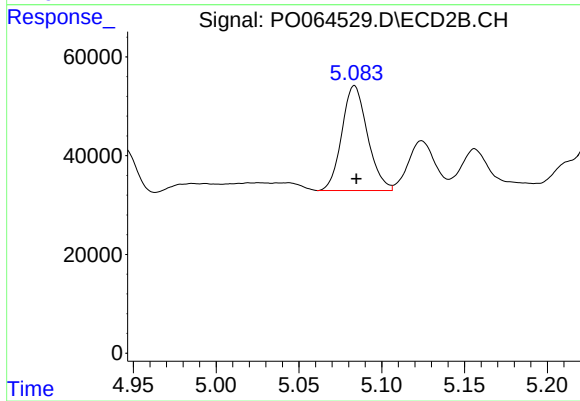
#23 AR-1248-3

R.T.: 4.915 min
Delta R.T.: 0.001 min
Response: 238666
Conc: 369.89 ng/ml



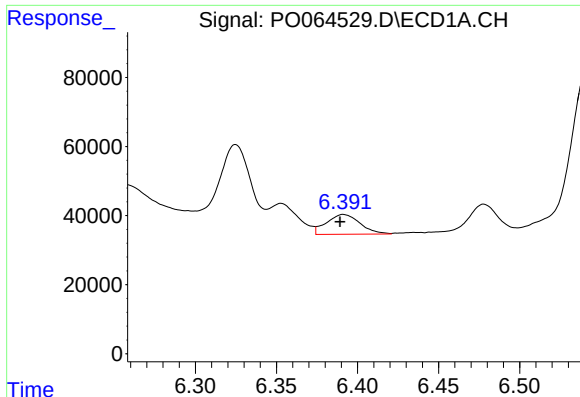
#24 AR-1248-4

R.T.: 6.353 min
Delta R.T.: 0.002 min
Response: 112199
Conc: 101.23 ng/ml



#24 AR-1248-4

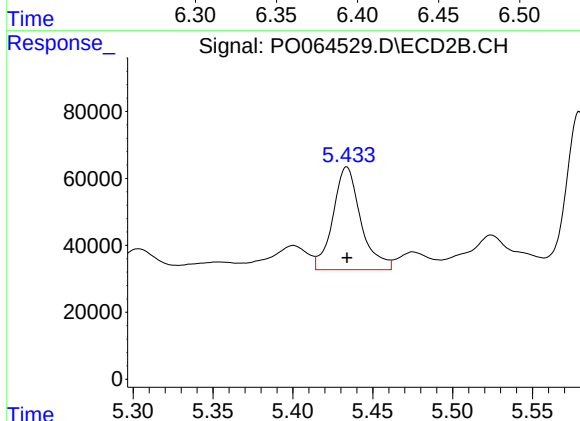
R.T.: 5.084 min
Delta R.T.: -0.001 min
Response: 229148
Conc: 290.70 ng/ml



#25 AR-1248-5

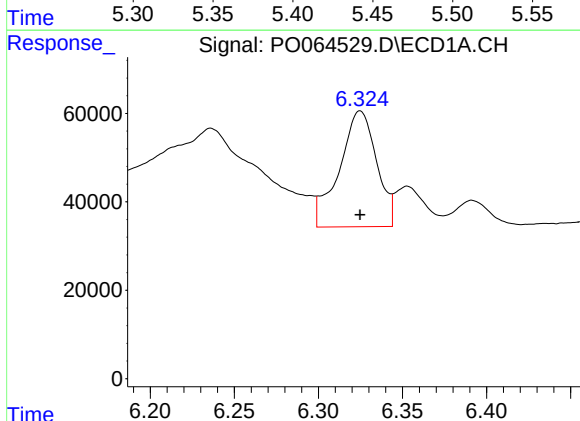
R.T.: 6.391 min
Delta R.T.: 0.002 min
Response: 82719
Conc: 77.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
7EMSD



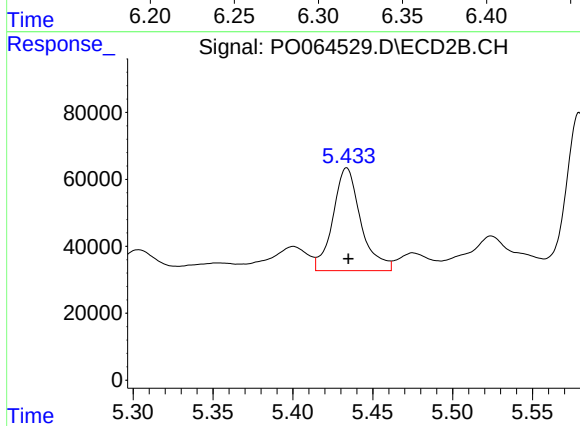
#25 AR-1248-5

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 373715
Conc: 308.46 ng/ml



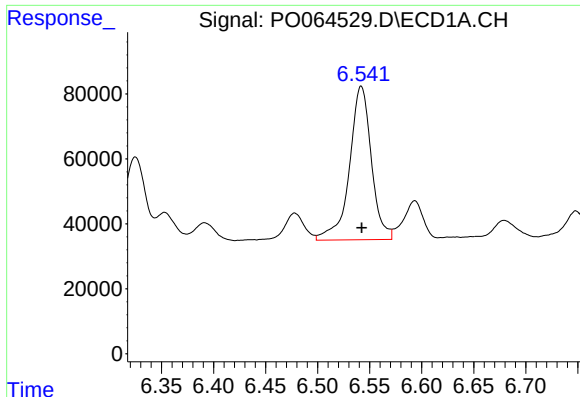
#26 AR-1254-1

R.T.: 6.325 min
Delta R.T.: 0.000 min
Response: 404611
Conc: 247.90 ng/ml



#26 AR-1254-1

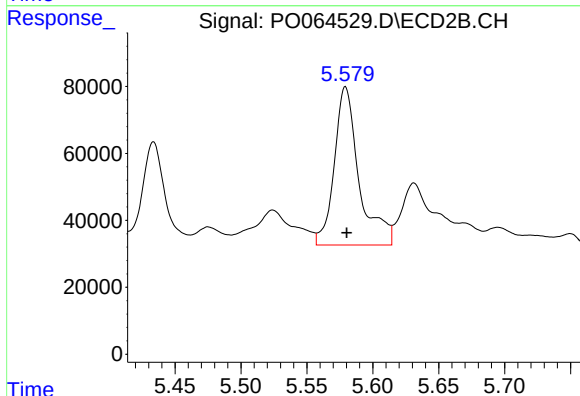
R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 373715
Conc: 190.15 ng/ml



#27 AR-1254-2

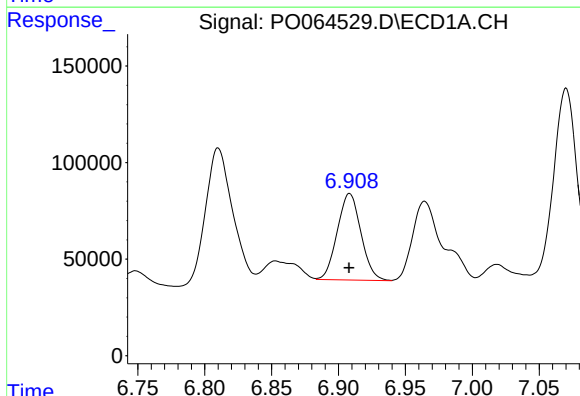
R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 693031
Conc: 265.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
7EMSD



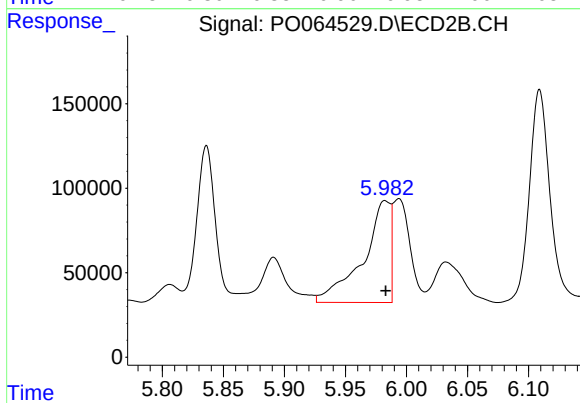
#27 AR-1254-2

R.T.: 5.579 min
Delta R.T.: 0.000 min
Response: 618114
Conc: 345.14 ng/ml



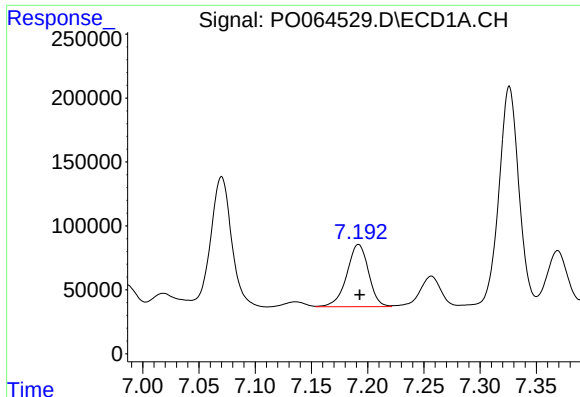
#28 AR-1254-3

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 553606
Conc: 191.81 ng/ml



#28 AR-1254-3

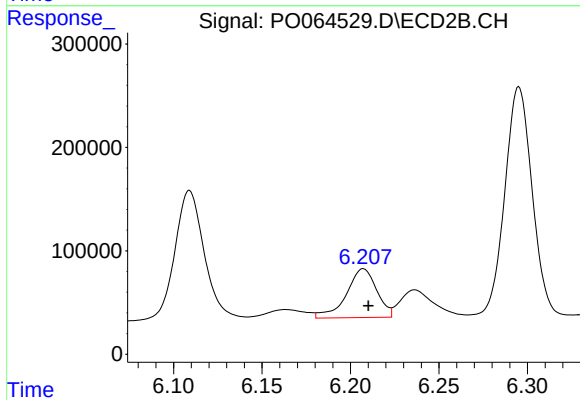
R.T.: 5.982 min
Delta R.T.: 0.000 min
Response: 938996
Conc: 303.41 ng/ml



#29 AR-1254-4

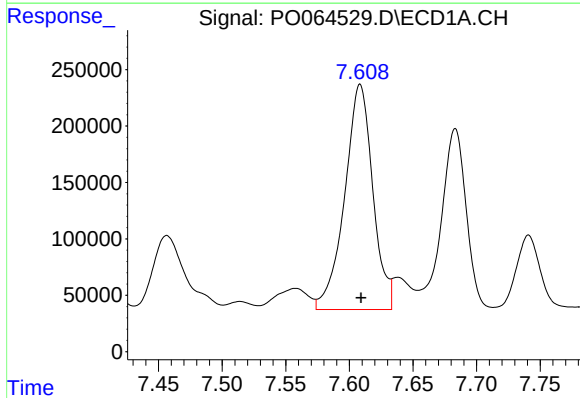
R.T.: 7.192 min
Delta R.T.: -0.001 min
Response: 657293
Conc: 287.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
7EMSD



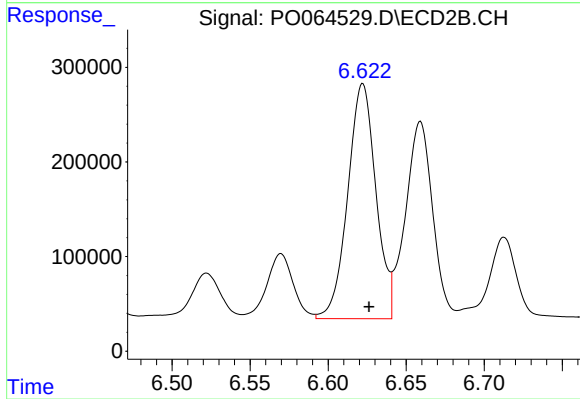
#29 AR-1254-4

R.T.: 6.207 min
Delta R.T.: -0.003 min
Response: 562161
Conc: 272.46 ng/ml



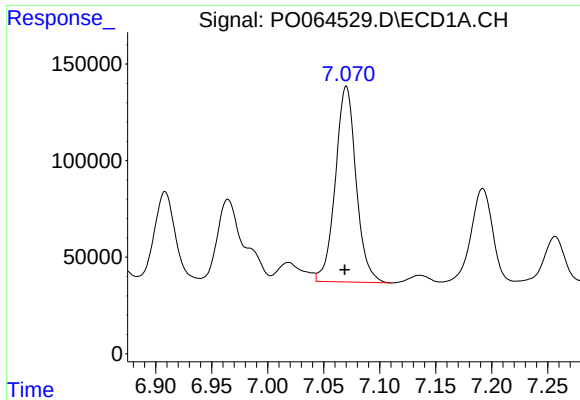
#30 AR-1254-5

R.T.: 7.608 min
Delta R.T.: 0.000 min
Response: 3074092
Conc: 1203.05 ng/ml



#30 AR-1254-5

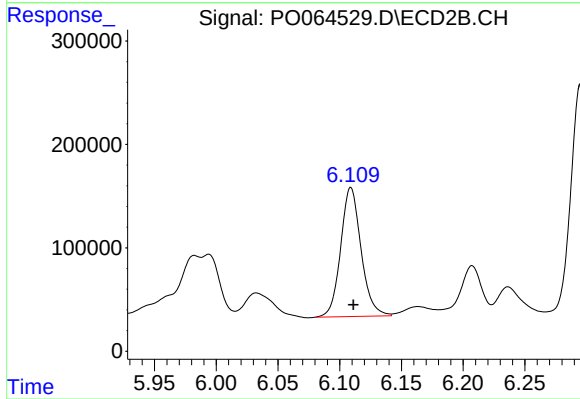
R.T.: 6.622 min
Delta R.T.: -0.004 min
Response: 3121291
Conc: 1034.84 ng/ml



#31 AR-1260-1

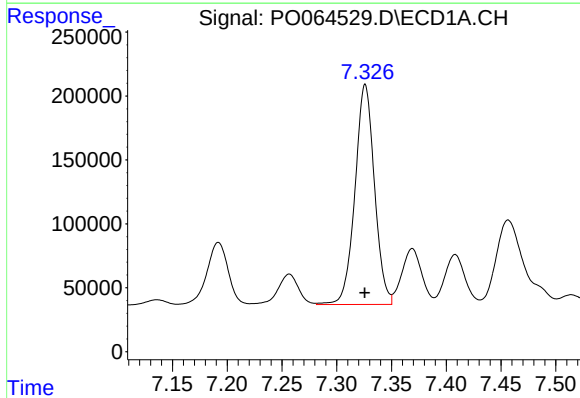
R.T.: 7.070 min
Delta R.T.: 0.002 min
Response: 1303833
Conc: 690.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
7EMSD



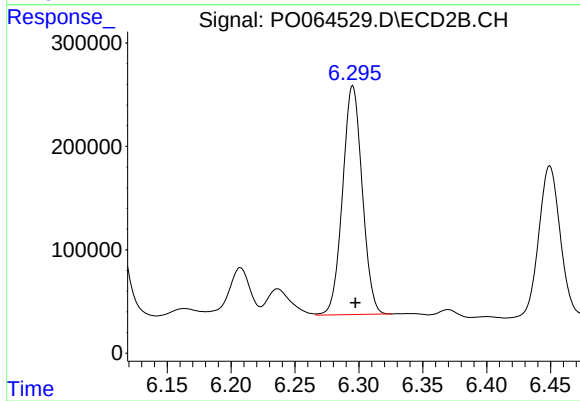
#31 AR-1260-1

R.T.: 6.109 min
Delta R.T.: -0.002 min
Response: 1436640
Conc: 818.50 ng/ml



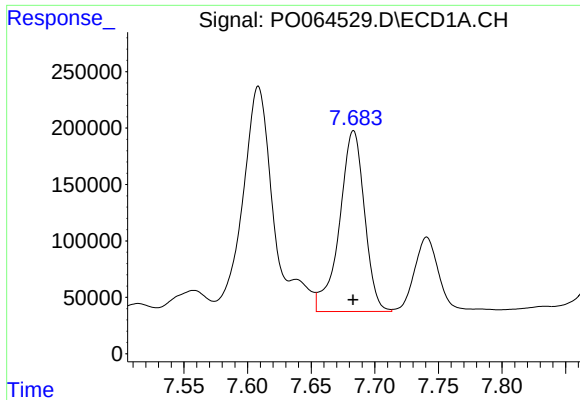
#32 AR-1260-2

R.T.: 7.326 min
Delta R.T.: 0.000 min
Response: 2134910
Conc: 912.86 ng/ml



#32 AR-1260-2

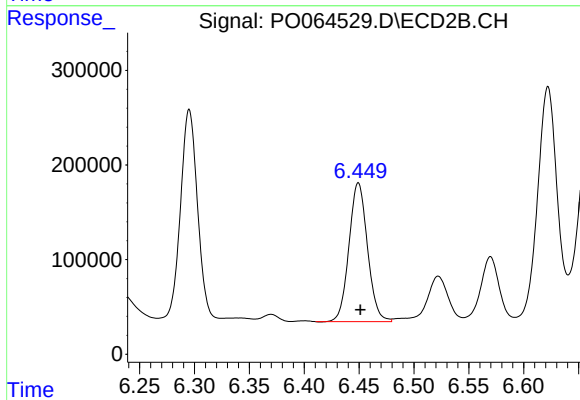
R.T.: 6.295 min
Delta R.T.: -0.002 min
Response: 2369301
Conc: 1064.96 ng/ml



#33 AR-1260-3

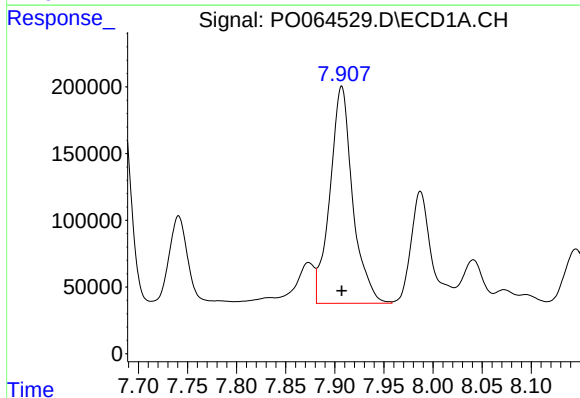
R.T.: 7.683 min
Delta R.T.: 0.000 min
Response: 2191370
Conc: 1183.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
7EMSD



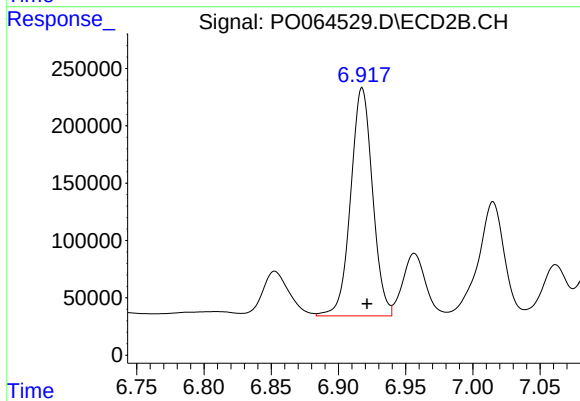
#33 AR-1260-3

R.T.: 6.449 min
Delta R.T.: -0.002 min
Response: 1724936
Conc: 848.38 ng/ml



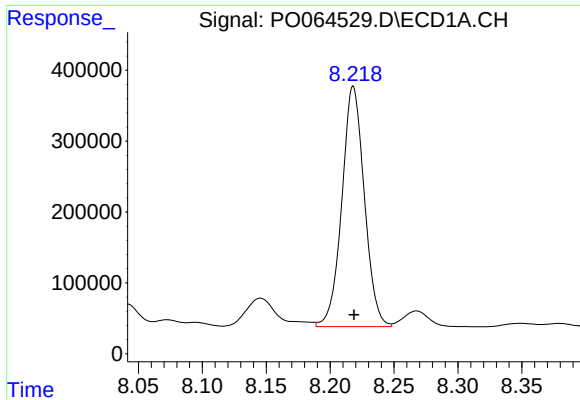
#34 AR-1260-4

R.T.: 7.907 min
Delta R.T.: 0.000 min
Response: 2618745
Conc: 1194.91 ng/ml



#34 AR-1260-4

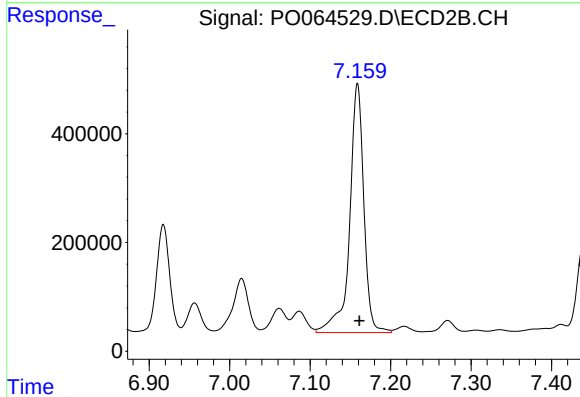
R.T.: 6.918 min
Delta R.T.: -0.004 min
Response: 2253655
Conc: 1215.07 ng/ml



#35 AR-1260-5

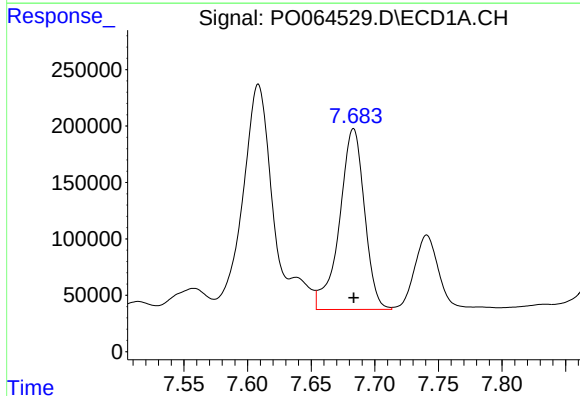
R.T.: 8.218 min
Delta R.T.: 0.000 min
Response: 4155336
Conc: 941.19 ng/ml

Instrument :
ECD_O
ClientSampleId :
7EMSD



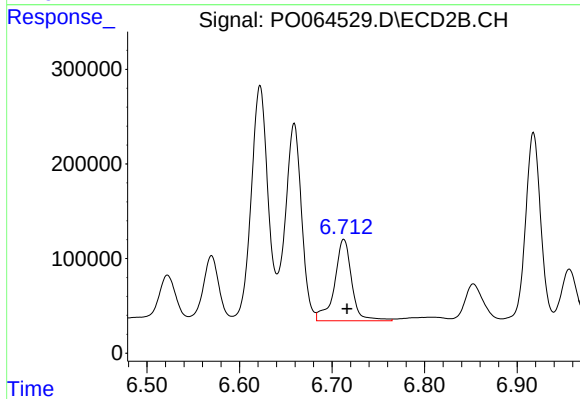
#35 AR-1260-5

R.T.: 7.159 min
Delta R.T.: -0.002 min
Response: 5633800
Conc: 1163.67 ng/ml



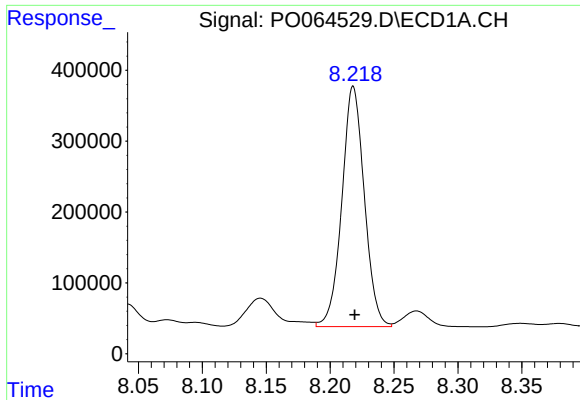
#36 AR-1262-1

R.T.: 7.683 min
Delta R.T.: 0.000 min
Response: 2191370
Conc: 733.97 ng/ml



#36 AR-1262-1

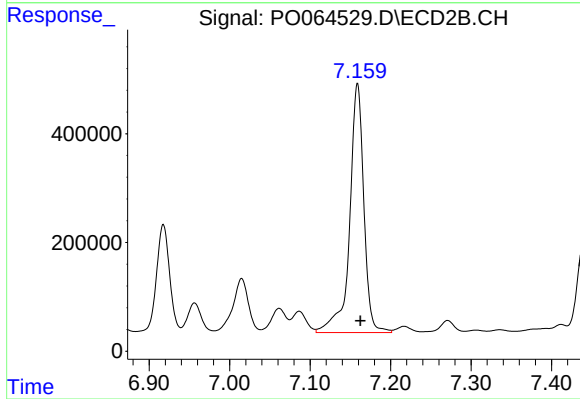
R.T.: 6.713 min
Delta R.T.: -0.003 min
Response: 1112614
Conc: 885.47 ng/ml



#37 AR-1262-2

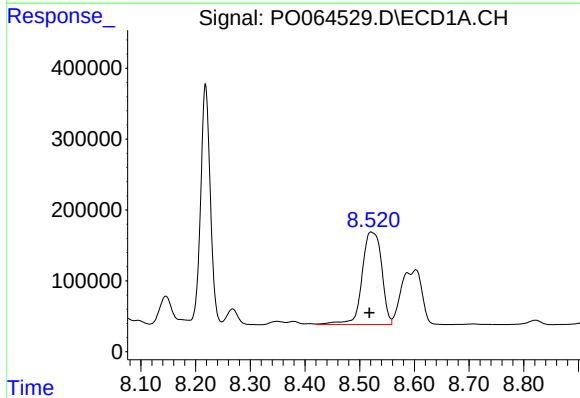
R.T.: 8.218 min
Delta R.T.: -0.001 min
Response: 4155336
Conc: 753.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
7EMSD



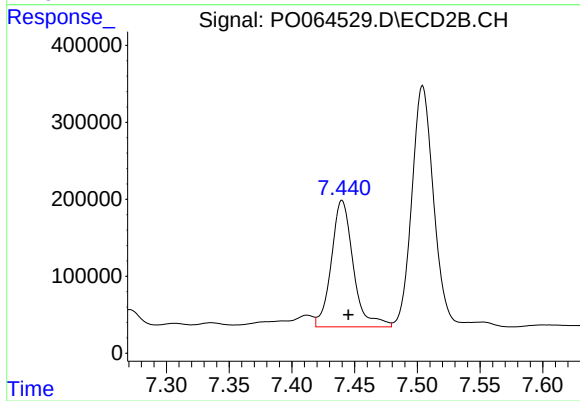
#37 AR-1262-2

R.T.: 7.159 min
Delta R.T.: -0.004 min
Response: 5633800
Conc: 944.43 ng/ml



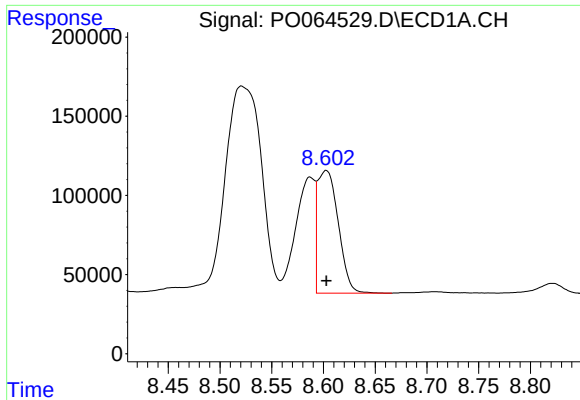
#38 AR-1262-3

R.T.: 8.521 min
Delta R.T.: 0.003 min
Response: 3255042
Conc: 841.26 ng/ml



#38 AR-1262-3

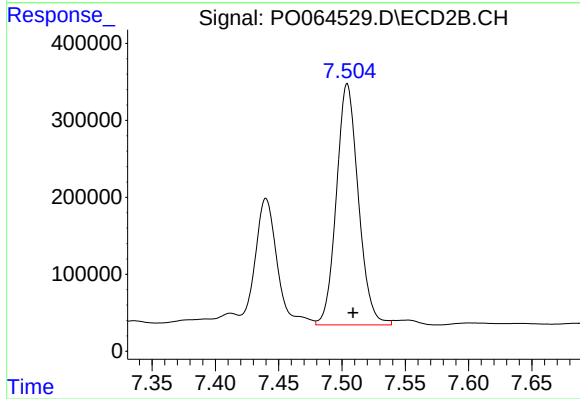
R.T.: 7.440 min
Delta R.T.: -0.005 min
Response: 2000126
Conc: 857.96 ng/ml



#39 AR-1262-4

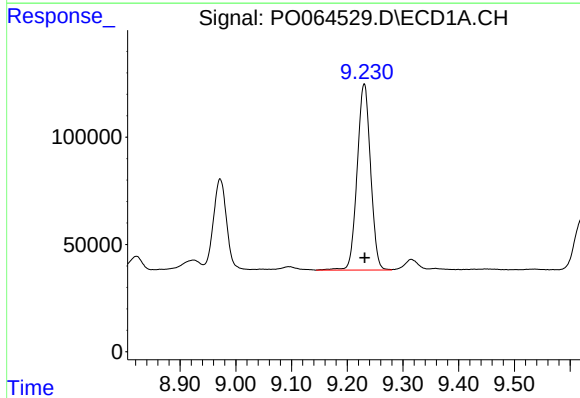
R.T.: 8.603 min
Delta R.T.: 0.000 min
Response: 1079721
Conc: 369.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
7EMSD



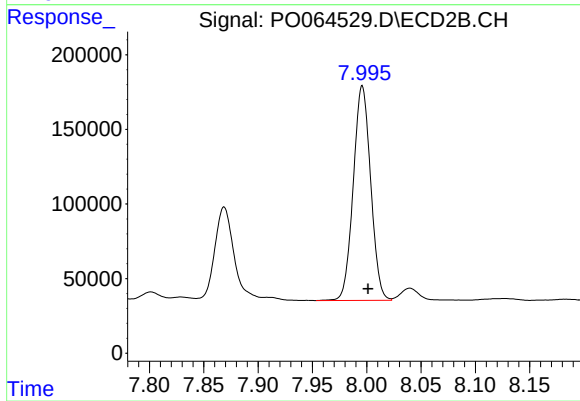
#39 AR-1262-4

R.T.: 7.504 min
Delta R.T.: -0.005 min
Response: 3780198
Conc: 848.89 ng/ml



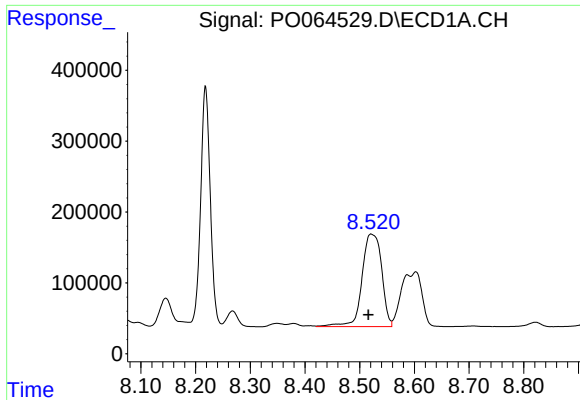
#40 AR-1262-5

R.T.: 9.231 min
Delta R.T.: 0.000 min
Response: 1449249
Conc: 690.48 ng/ml



#40 AR-1262-5

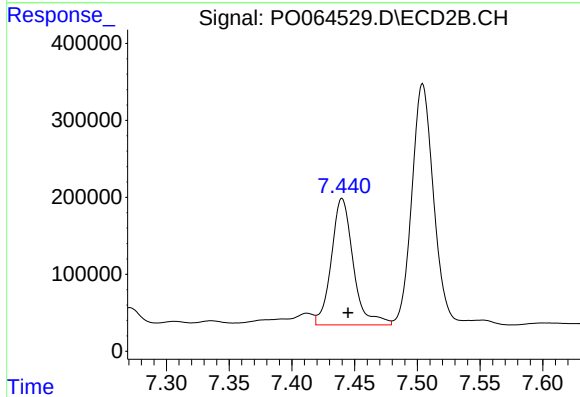
R.T.: 7.996 min
Delta R.T.: -0.005 min
Response: 1604799
Conc: 759.84 ng/ml



#41 AR-1268-1

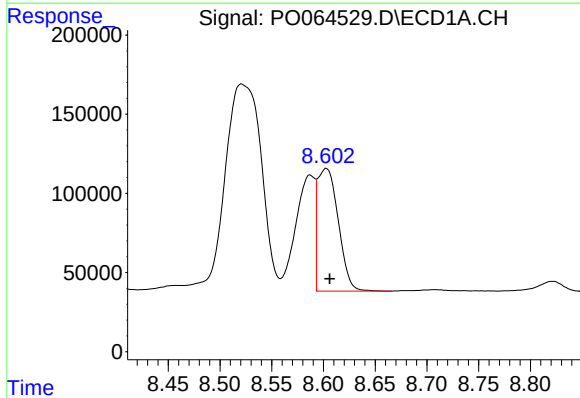
R.T.: 8.521 min
Delta R.T.: 0.005 min
Response: 3255042
Conc: 499.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
7EMSD



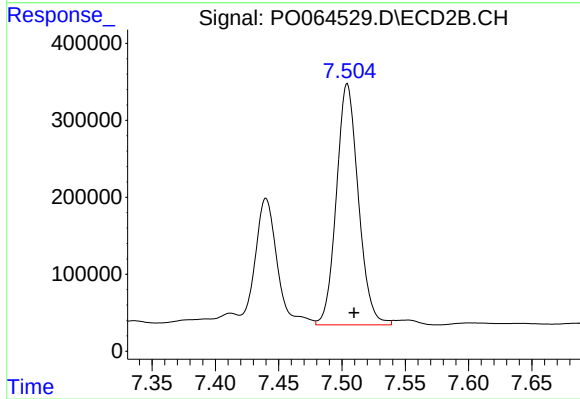
#41 AR-1268-1

R.T.: 7.440 min
Delta R.T.: -0.005 min
Response: 2000126
Conc: 286.47 ng/ml



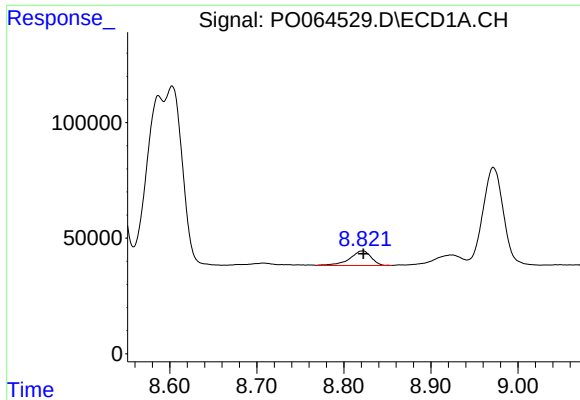
#42 AR-1268-2

R.T.: 8.603 min
Delta R.T.: -0.003 min
Response: 1079721
Conc: 178.72 ng/ml



#42 AR-1268-2

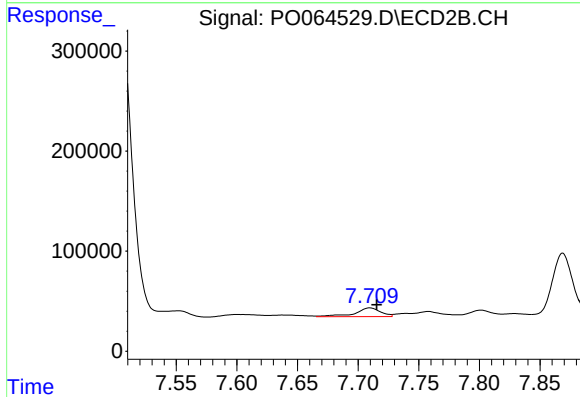
R.T.: 7.504 min
Delta R.T.: -0.005 min
Response: 3780198
Conc: 590.42 ng/ml



#43 AR-1268-3

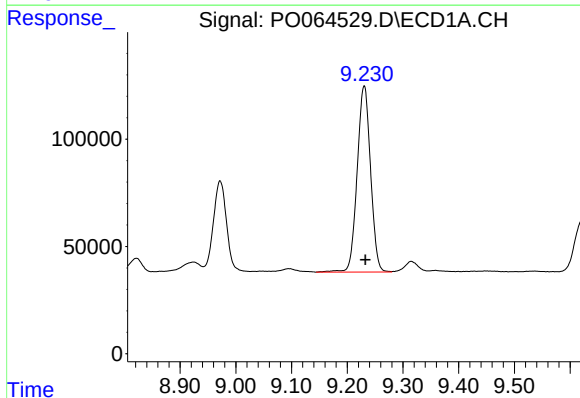
R.T.: 8.822 min
Delta R.T.: 0.000 min
Response: 108455
Conc: 21.84 ng/ml

Instrument :
ECD_O
ClientSampleId :
7EMSD



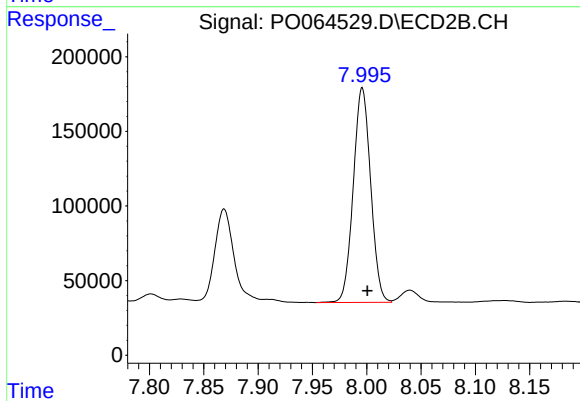
#43 AR-1268-3

R.T.: 7.710 min
Delta R.T.: -0.006 min
Response: 131560
Conc: 25.12 ng/ml



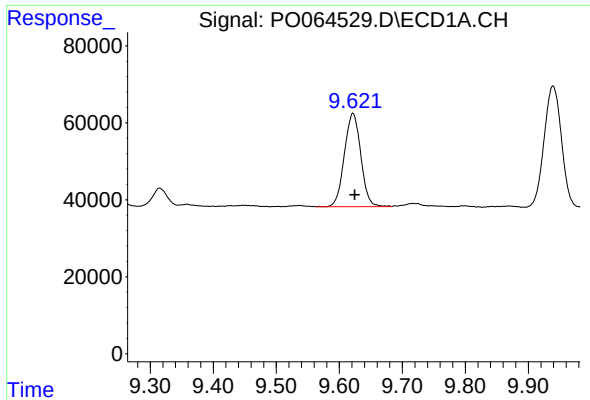
#44 AR-1268-4

R.T.: 9.231 min
Delta R.T.: -0.002 min
Response: 1449249
Conc: 619.42 ng/ml



#44 AR-1268-4

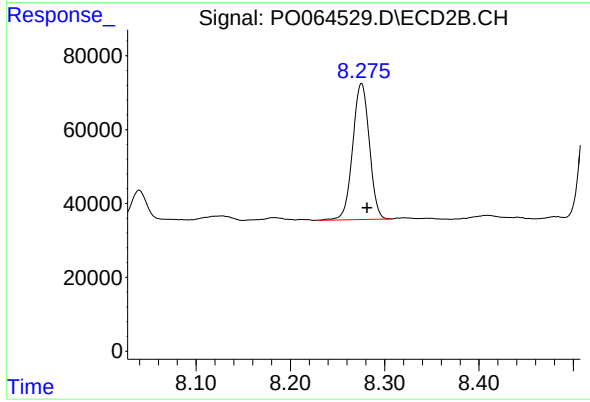
R.T.: 7.996 min
Delta R.T.: -0.005 min
Response: 1604799
Conc: 686.93 ng/ml



#45 AR-1268-5

R.T.: 9.622 min
Delta R.T.: -0.003 min
Response: 441580
Conc: 28.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
7EMSD



#45 AR-1268-5

R.T.: 8.275 min
Delta R.T.: -0.006 min
Response: 452210
Conc: 27.38 ng/ml