

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121420\
 Data File : PO073764.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 14 Dec 2020 15:46
 Operator : DD\AJ
 Sample : AR1262CCC500
 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: Dec 15 03:31:08 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO121020.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Dec 11 03:58:06 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...	4.939	3.999	5506268	3306889	60.225	61.654
2)	SA Decachlor...	10.967	9.266	4693425	2737188	56.794	58.499
Target Compounds							
3)	L1 AR-1016-1	6.264	5.247	65826	36984	18.734	16.931
4)	L1 AR-1016-2	6.287	5.267	93891	52924	19.210	17.489
5)	L1 AR-1016-3	6.354	0.000	49916	0	16.945	N.D. #
6)	L1 AR-1016-4	6.460	5.510	37120	33694	15.061	25.550 #
7)	L1 AR-1016-5	6.776	0.000	40643	0	17.118	N.D. #
9)	L2 AR-1221-2	5.293	4.348	78329	46898	99.719	91.210
10)	L2 AR-1221-3	5.376	0.000	27607	0	11.349	N.D. #
11)	L3 AR-1232-1	5.376	0.000	27607	0	13.388	N.D. #
12)	L3 AR-1232-2	5.966	5.267	42285	52924	39.547	39.826
13)	L3 AR-1232-3	6.287	0.000	93891	0	43.753	N.D. #
14)	L3 AR-1232-4	6.460	0.000	37120	0	34.855	N.D. #
15)	L3 AR-1232-5	6.560	0.000	49961	0	69.779	N.D. #
16)	L4 AR-1242-1	6.264	5.247	65826	36984	23.225	21.028
17)	L4 AR-1242-2	6.287	5.267	93891	52924	24.107	21.639
18)	L4 AR-1242-3	6.354	0.000	49916	0	21.043	N.D. #
19)	L4 AR-1242-4	6.460	0.000	37120	0	18.831	N.D. #
20)	L4 AR-1242-5	7.246	6.113	345228	246001	158.083	144.316
21)	L5 AR-1248-1	6.264	5.247	65826	36984	30.294	27.012
22)	L5 AR-1248-2	6.560	5.510	49961	33694	17.878	18.160
23)	L5 AR-1248-3	6.776	0.000	40643	0	12.410	N.D. #
24)	L5 AR-1248-4	7.180f	0.000	1281514	0	320.444	N.D. #
25)	L5 AR-1248-5	7.246	6.137f	345228	286926	91.288	123.491 #
26)	L6 AR-1254-1	7.180	6.113	1281514	246001	337.615	69.609 #
27)	L6 AR-1254-2	7.406	6.272	805465	271384	136.617	86.926 #
28)	L6 AR-1254-3	7.790	6.708	378079	1066395	61.705	217.809 #
29)	L6 AR-1254-4	8.086	6.928	692284	62238	131.964	17.747 #
30)	L6 AR-1254-5	8.514	7.353	2224715	1286000	431.939	291.635 #
31)	L7 AR-1260-1	7.957	6.826	2299910	1392278	544.173	450.386
32)	L7 AR-1260-2	8.223	7.022	2712901	1852045	482.911	456.561
33)	L7 AR-1260-3	8.590	7.178	3709027	1702493	811.403	487.776 #
34)	L7 AR-1260-4	8.822	7.657	2899376	2160065	612.404	715.314
35)	L7 AR-1260-5	9.148	7.903	6577877	4632086	659.122	620.086
36)	L8 AR-1262-1	8.590	7.353	3709027	1286000	495.450	514.441
37)	L8 AR-1262-2	9.148	7.903	6577877	4632086	512.858	526.591
38)	L8 AR-1262-3	9.459	8.188	4727354	1827060	557.219	505.288
39)	L8 AR-1262-4	9.552	8.252	1794202	3102064	536.454	504.148
40)	L8 AR-1262-5	10.220	8.746	2298776	1381756	508.579	485.343
41)	L9 AR-1268-1	9.459	8.188	4727354	1827060	331.904	189.853 #
42)	L9 AR-1268-2	9.552	8.252	1794202	3102064	145.551	376.528 #

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 Response via : Initial Calibration
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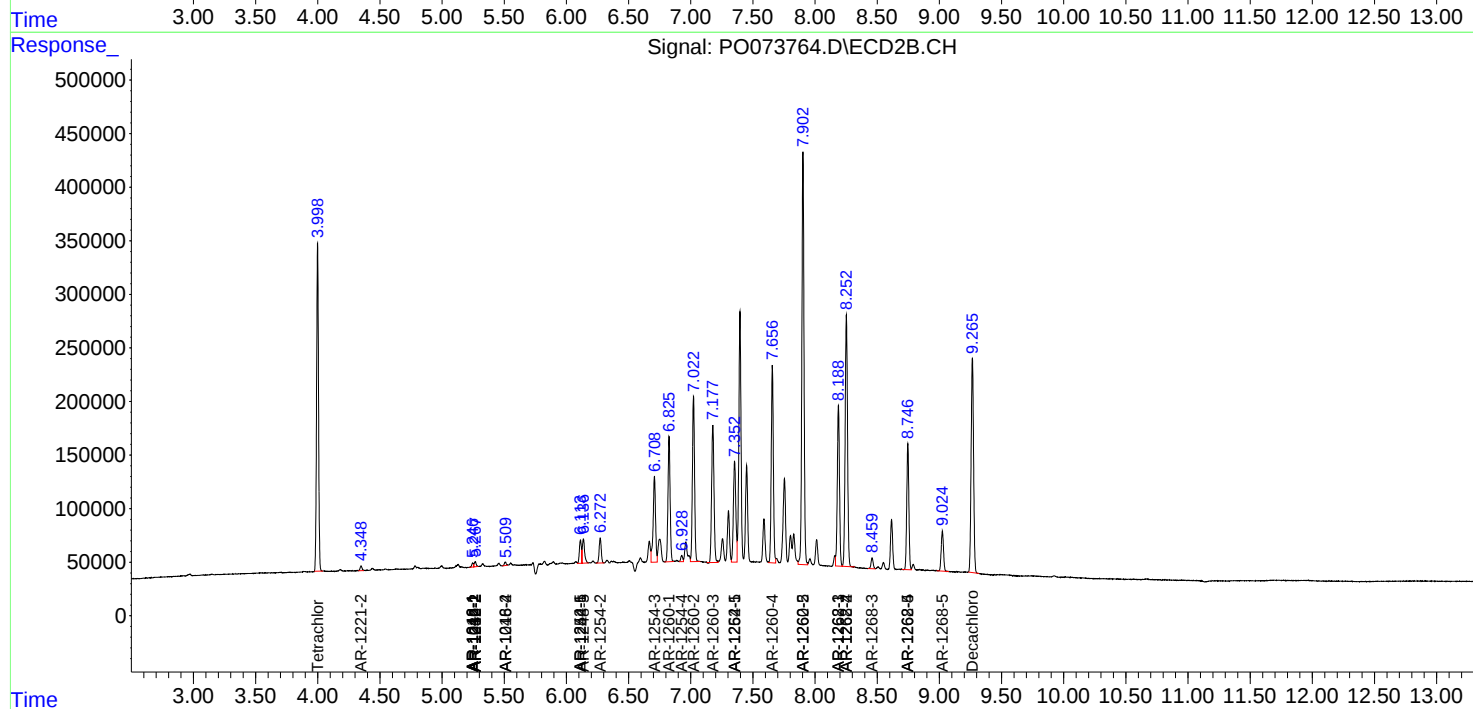
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

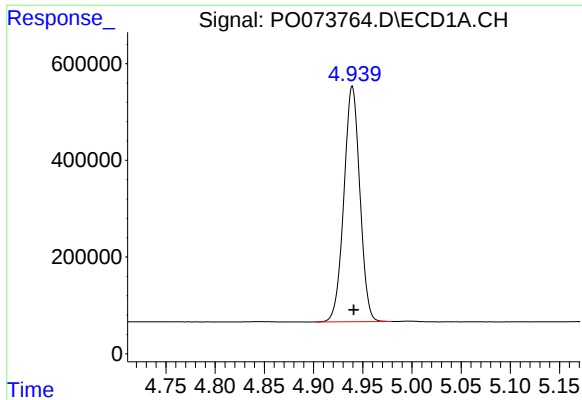
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	9.780	8.459	153992	120711	14.189	17.096
44) L9	AR-1268-4	10.220	8.746	2298776	1381756	490.718	466.807
45) L9	AR-1268-5	10.632	9.024	804572	479166	24.585	23.851

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

Instrument :
ECD_O
ClientSampleId :

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

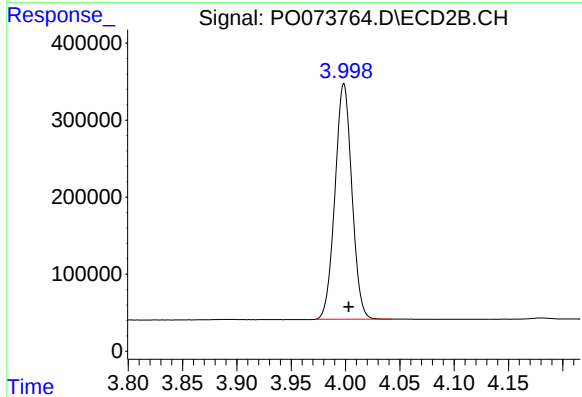




#1 Tetrachloro-m-xylene

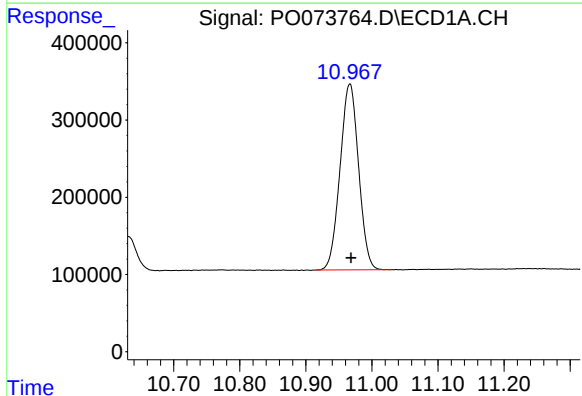
R.T.: 4.939 min
Delta R.T.: -0.002 min
Response: 5506268
Conc: 60.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



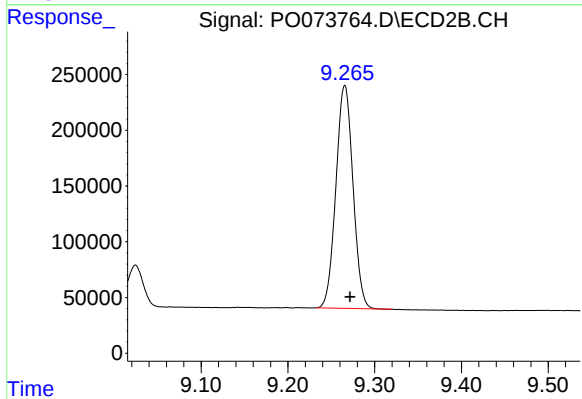
#1 Tetrachloro-m-xylene

R.T.: 3.999 min
Delta R.T.: -0.004 min
Response: 3306889
Conc: 61.65 ng/ml



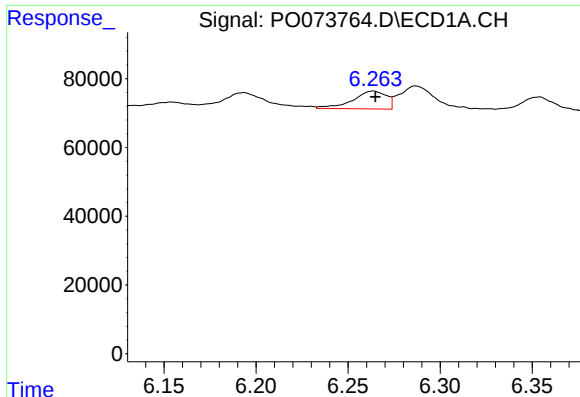
#2 Decachlorobiphenyl

R.T.: 10.967 min
Delta R.T.: -0.002 min
Response: 4693425
Conc: 56.79 ng/ml



#2 Decachlorobiphenyl

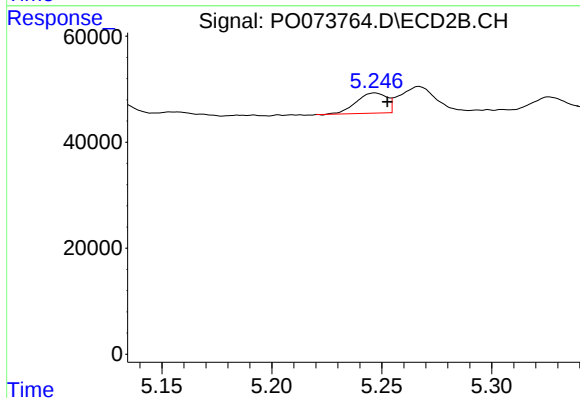
R.T.: 9.266 min
Delta R.T.: -0.006 min
Response: 2737188
Conc: 58.50 ng/ml



#3 AR-1016-1

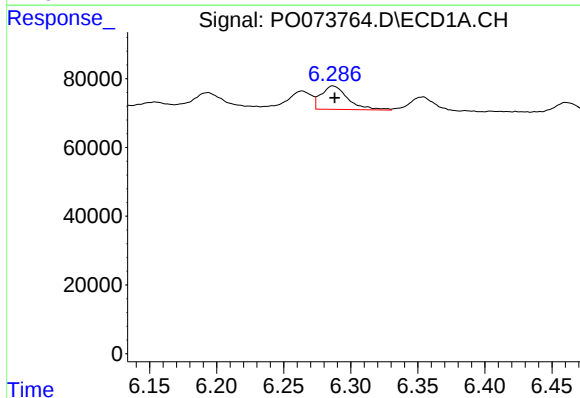
R.T.: 6.264 min
Delta R.T.: -0.001 min
Response: 65826
Conc: 18.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



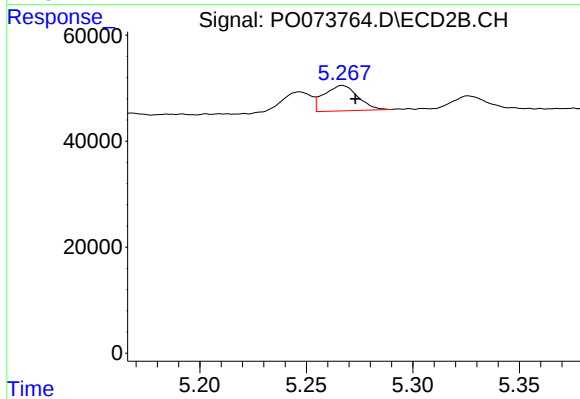
#3 AR-1016-1

R.T.: 5.247 min
Delta R.T.: -0.006 min
Response: 36984
Conc: 16.93 ng/ml



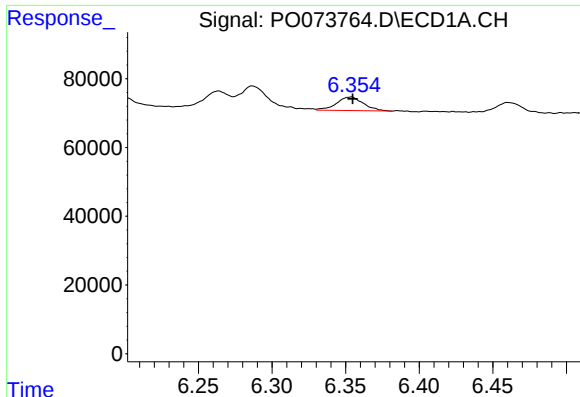
#4 AR-1016-2

R.T.: 6.287 min
Delta R.T.: -0.002 min
Response: 93891
Conc: 19.21 ng/ml



#4 AR-1016-2

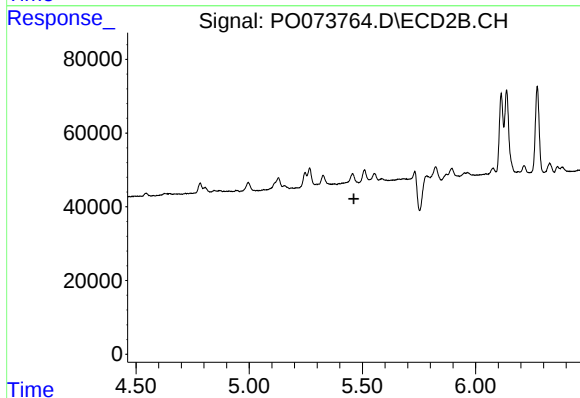
R.T.: 5.267 min
Delta R.T.: -0.006 min
Response: 52924
Conc: 17.49 ng/ml



#5 AR-1016-3

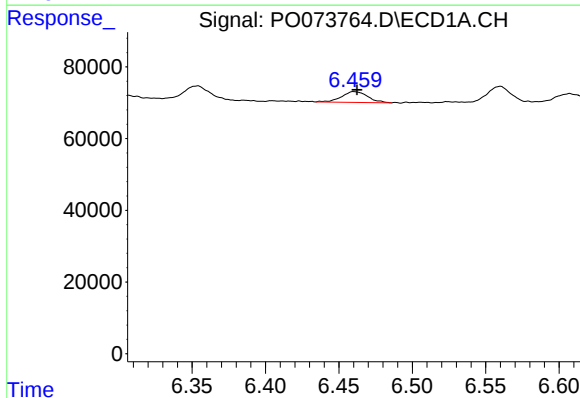
R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 49916
Conc: 16.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



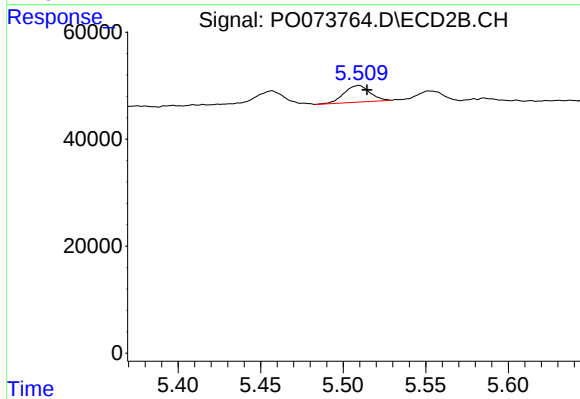
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.462 min
Response: 0
Conc: N.D.



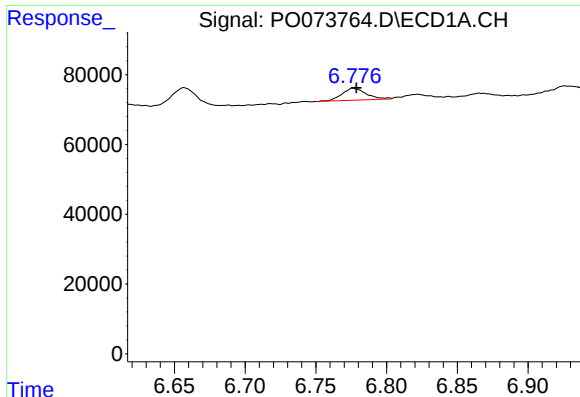
#6 AR-1016-4

R.T.: 6.460 min
Delta R.T.: -0.002 min
Response: 37120
Conc: 15.06 ng/ml



#6 AR-1016-4

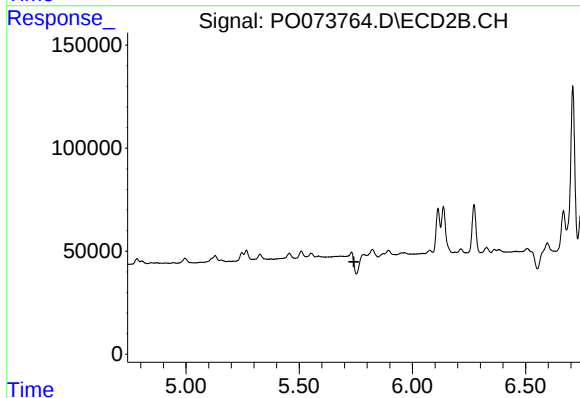
R.T.: 5.510 min
Delta R.T.: -0.005 min
Response: 33694
Conc: 25.55 ng/ml



#7 AR-1016-5

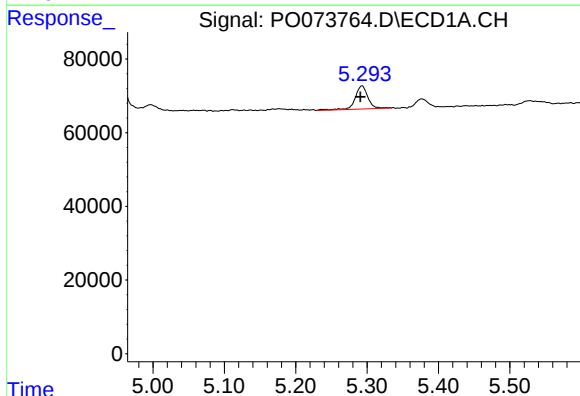
R.T.: 6.776 min
Delta R.T.: -0.002 min
Response: 40643
Conc: 17.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



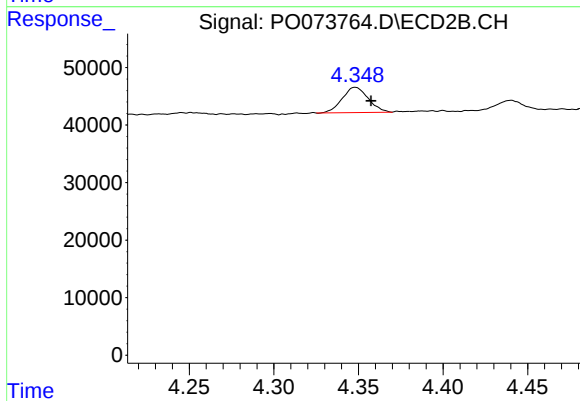
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.741 min
Response: 0
Conc: N.D.



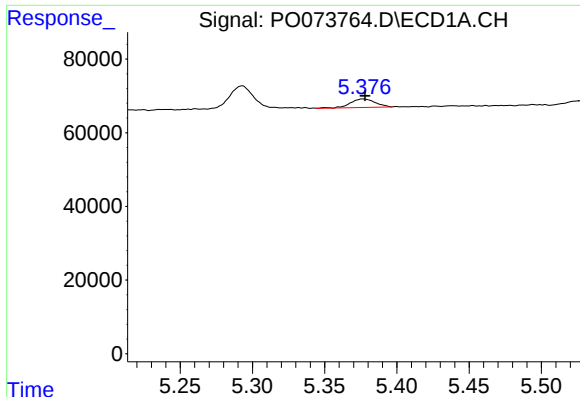
#9 AR-1221-2

R.T.: 5.293 min
Delta R.T.: 0.003 min
Response: 78329
Conc: 99.72 ng/ml



#9 AR-1221-2

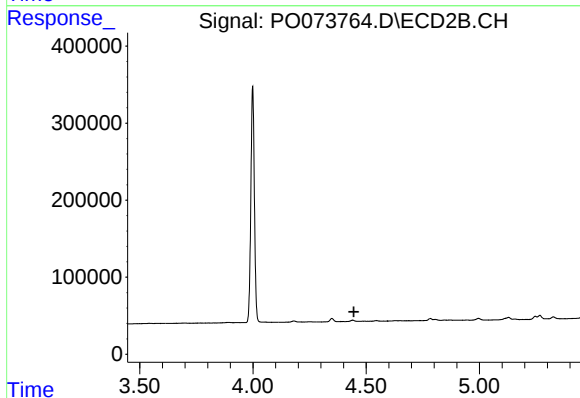
R.T.: 4.348 min
Delta R.T.: -0.009 min
Response: 46898
Conc: 91.21 ng/ml



#10 AR-1221-3

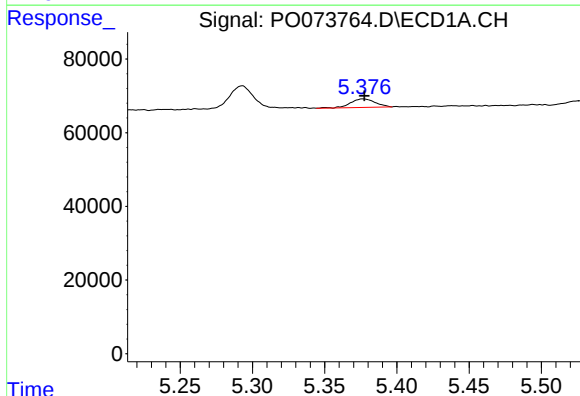
R.T.: 5.376 min
Delta R.T.: -0.002 min
Response: 27607
Conc: 11.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



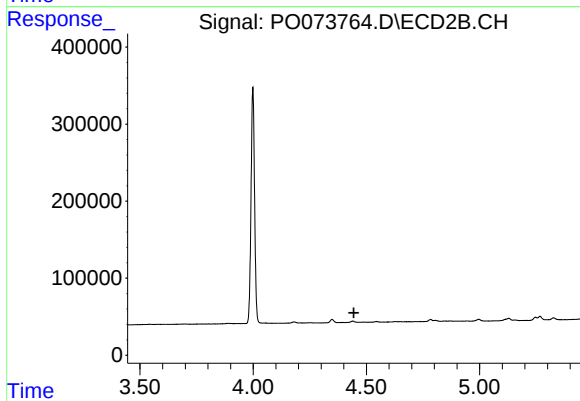
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.445 min
Response: 0
Conc: N.D.



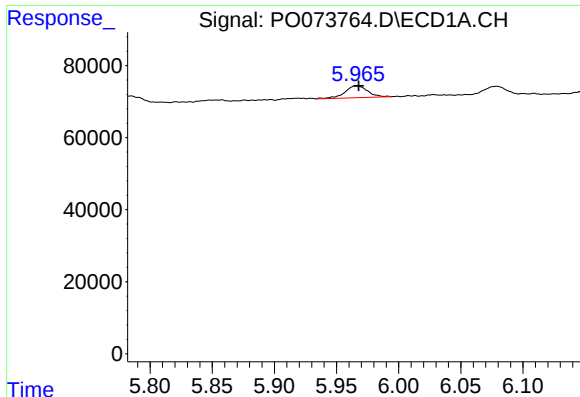
#11 AR-1232-1

R.T.: 5.376 min
Delta R.T.: -0.001 min
Response: 27607
Conc: 13.39 ng/ml



#11 AR-1232-1

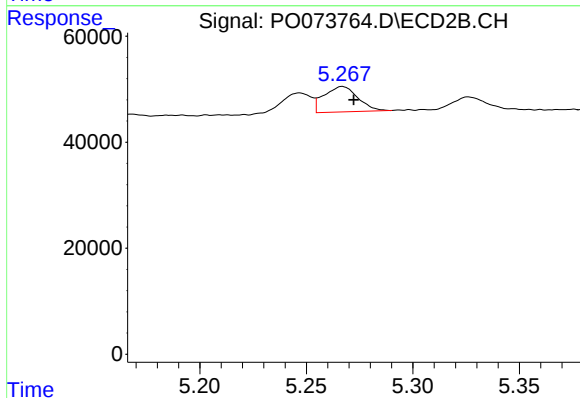
R.T.: 0.000 min
Exp R.T. : 4.445 min
Response: 0
Conc: N.D.



#12 AR-1232-2

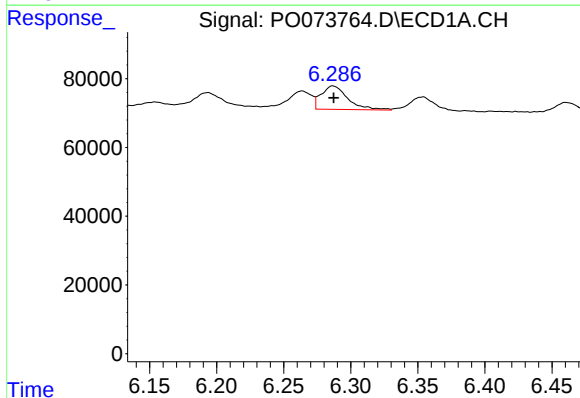
R.T.: 5.966 min
Delta R.T.: -0.002 min
Response: 42285
Conc: 39.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



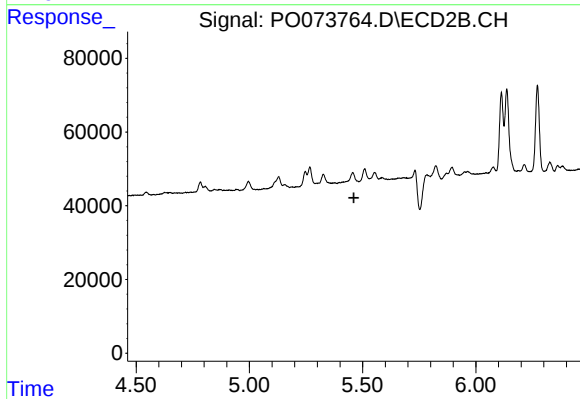
#12 AR-1232-2

R.T.: 5.267 min
Delta R.T.: -0.005 min
Response: 52924
Conc: 39.83 ng/ml



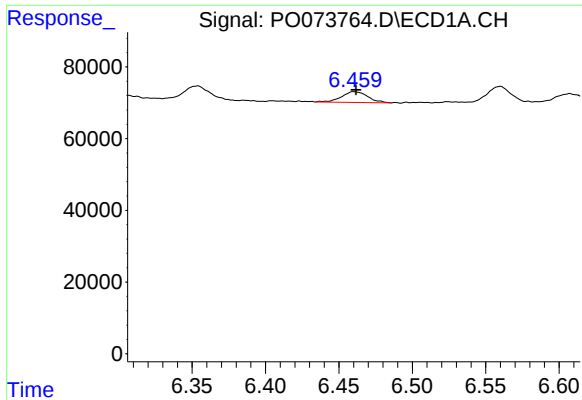
#13 AR-1232-3

R.T.: 6.287 min
Delta R.T.: 0.000 min
Response: 93891
Conc: 43.75 ng/ml



#13 AR-1232-3

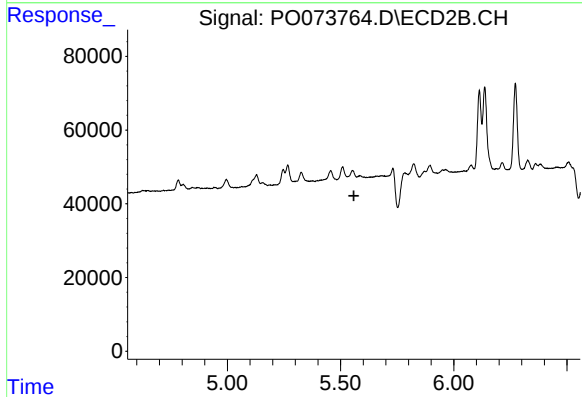
R.T.: 0.000 min
Exp R.T. : 5.462 min
Response: 0
Conc: N.D.



#14 AR-1232-4

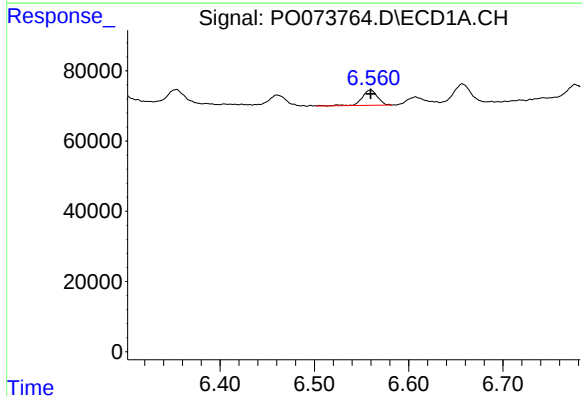
R.T.: 6.460 min
Delta R.T.: -0.002 min
Response: 37120
Conc: 34.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



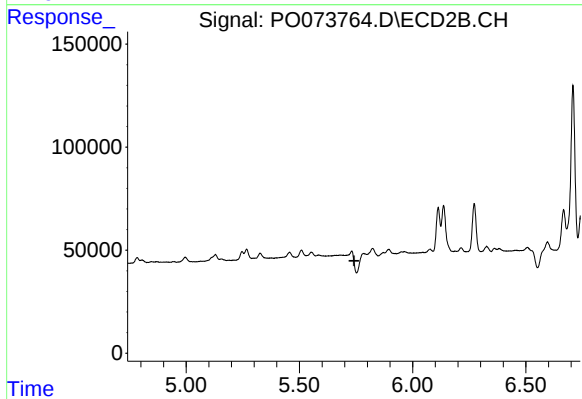
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.559 min
Response: 0
Conc: N.D.



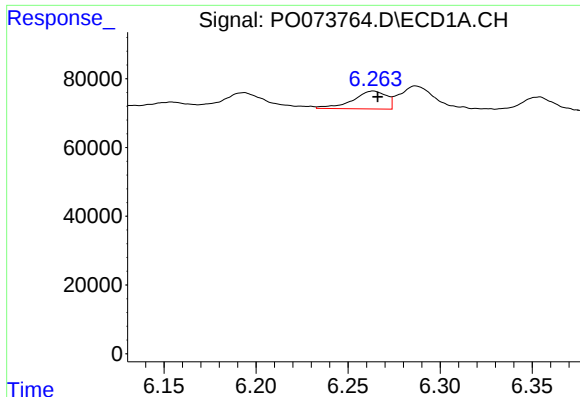
#15 AR-1232-5

R.T.: 6.560 min
Delta R.T.: 0.000 min
Response: 49961
Conc: 69.78 ng/ml



#15 AR-1232-5

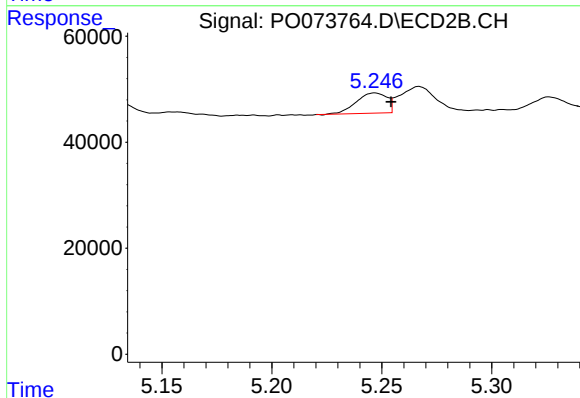
R.T.: 0.000 min
Exp R.T. : 5.741 min
Response: 0
Conc: N.D.



#16 AR-1242-1

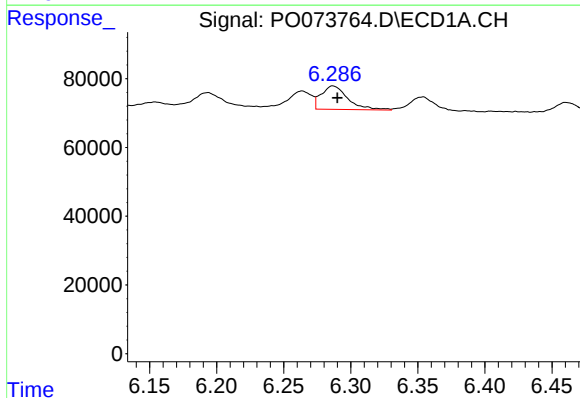
R.T.: 6.264 min
Delta R.T.: -0.002 min
Response: 65826
Conc: 23.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



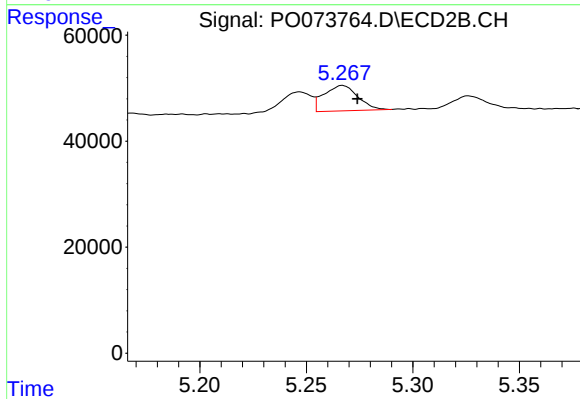
#16 AR-1242-1

R.T.: 5.247 min
Delta R.T.: -0.007 min
Response: 36984
Conc: 21.03 ng/ml



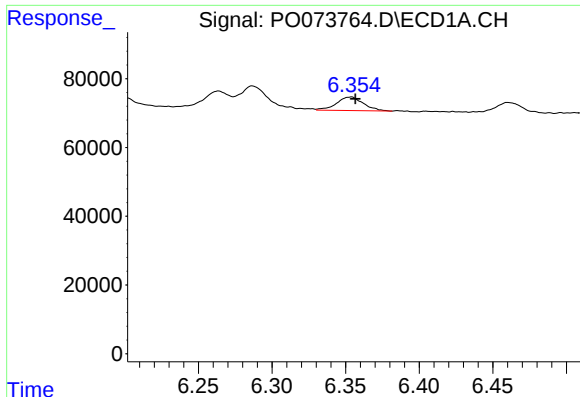
#17 AR-1242-2

R.T.: 6.287 min
Delta R.T.: -0.004 min
Response: 93891
Conc: 24.11 ng/ml



#17 AR-1242-2

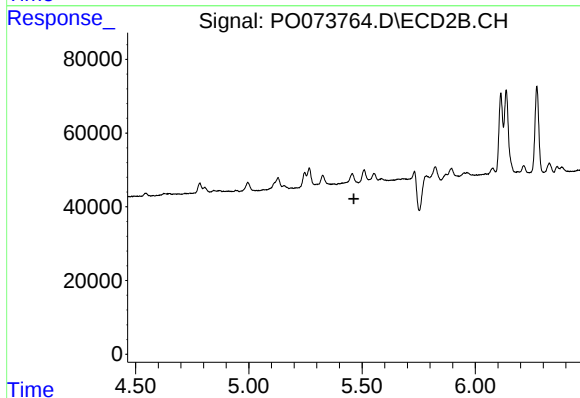
R.T.: 5.267 min
Delta R.T.: -0.007 min
Response: 52924
Conc: 21.64 ng/ml



#18 AR-1242-3

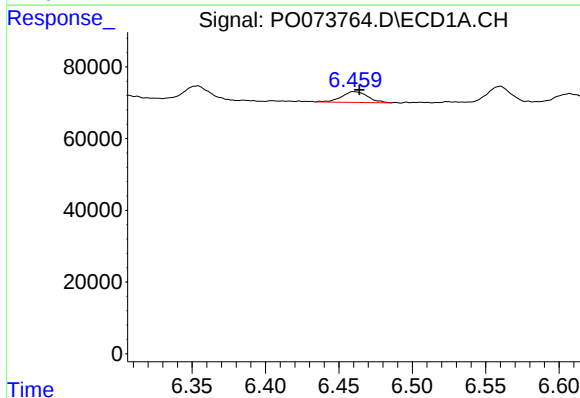
R.T.: 6.354 min
Delta R.T.: -0.002 min
Response: 49916
Conc: 21.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



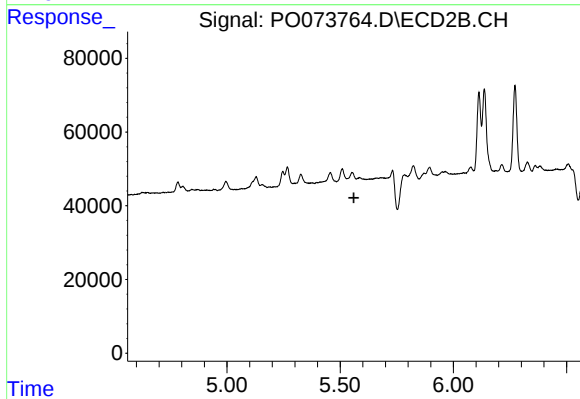
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.464 min
Response: 0
Conc: N.D.



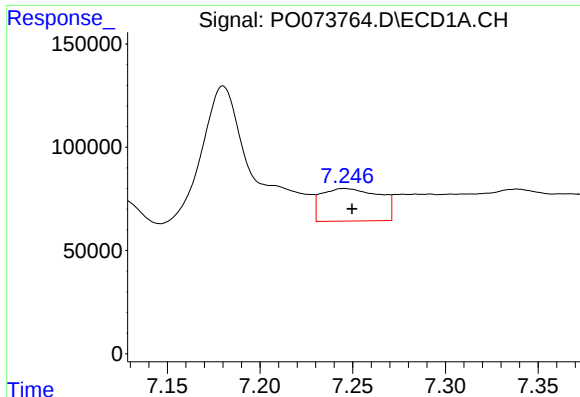
#19 AR-1242-4

R.T.: 6.460 min
Delta R.T.: -0.004 min
Response: 37120
Conc: 18.83 ng/ml



#19 AR-1242-4

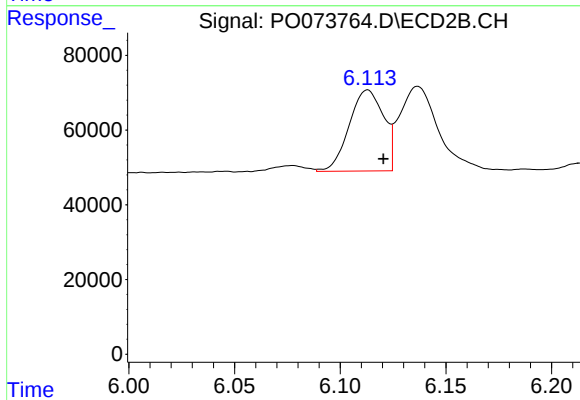
R.T.: 0.000 min
Exp R.T. : 5.560 min
Response: 0
Conc: N.D.



#20 AR-1242-5

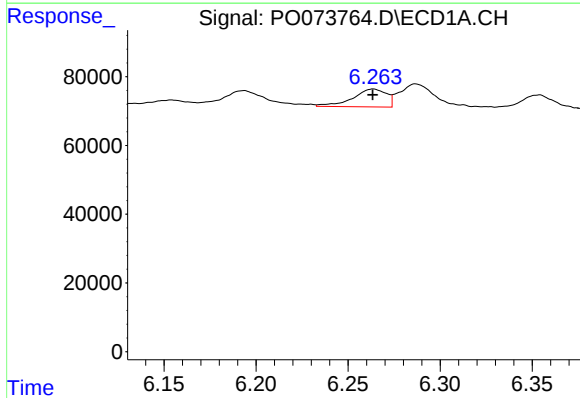
R.T.: 7.246 min
Delta R.T.: -0.004 min
Response: 345228
Conc: 158.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



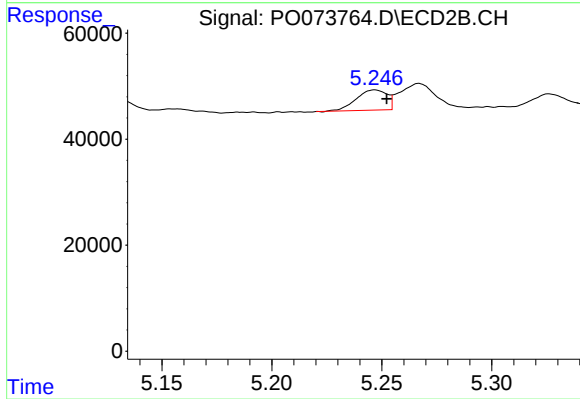
#20 AR-1242-5

R.T.: 6.113 min
Delta R.T.: -0.007 min
Response: 246001
Conc: 144.32 ng/ml



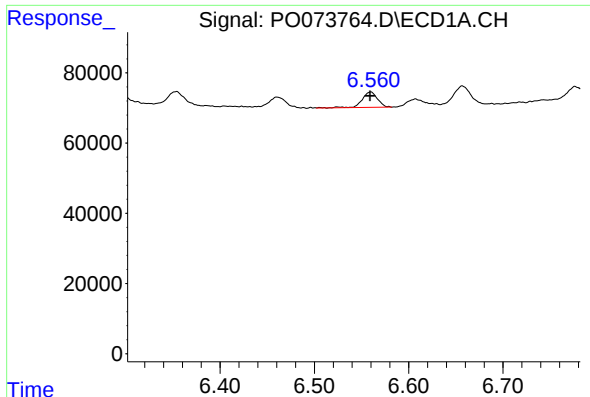
#21 AR-1248-1

R.T.: 6.264 min
Delta R.T.: 0.000 min
Response: 65826
Conc: 30.29 ng/ml



#21 AR-1248-1

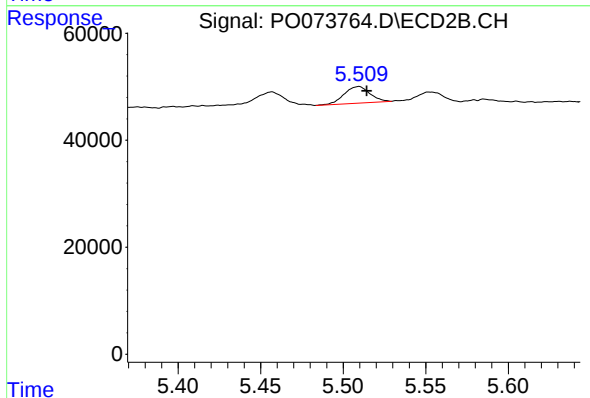
R.T.: 5.247 min
Delta R.T.: -0.005 min
Response: 36984
Conc: 27.01 ng/ml



#22 AR-1248-2

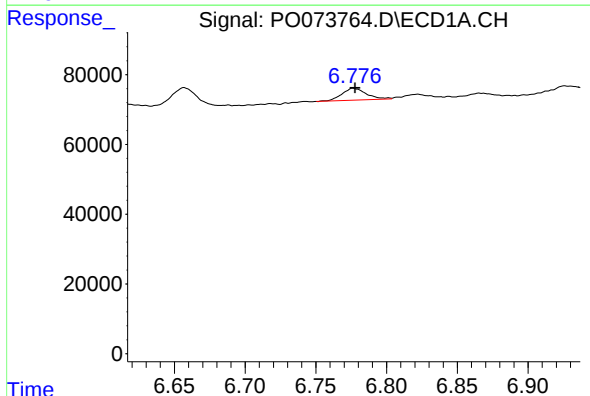
R.T.: 6.560 min
Delta R.T.: 0.001 min
Response: 49961
Conc: 17.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



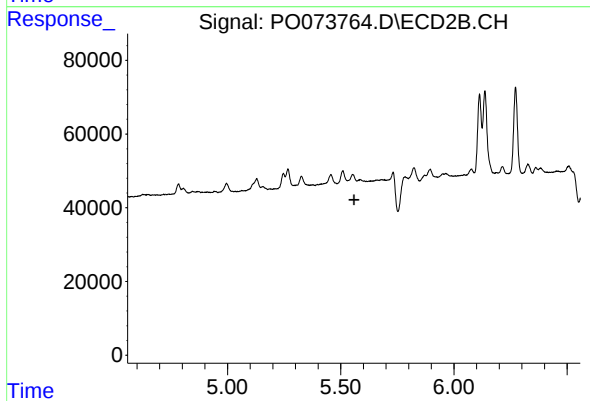
#22 AR-1248-2

R.T.: 5.510 min
Delta R.T.: -0.005 min
Response: 33694
Conc: 18.16 ng/ml



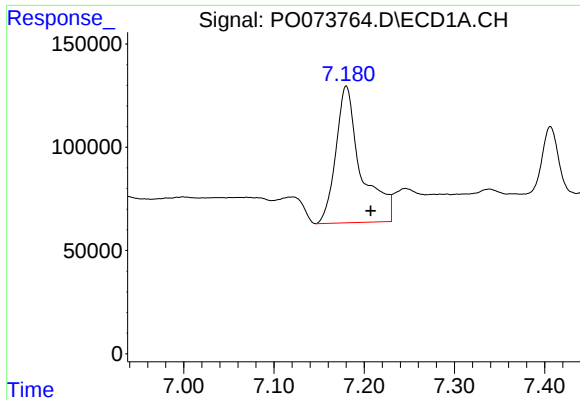
#23 AR-1248-3

R.T.: 6.776 min
Delta R.T.: -0.001 min
Response: 40643
Conc: 12.41 ng/ml



#23 AR-1248-3

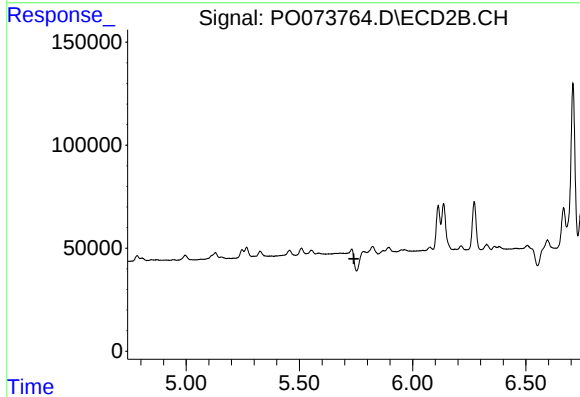
R.T.: 0.000 min
Exp R.T.: 5.558 min
Response: 0
Conc: N.D.



#24 AR-1248-4

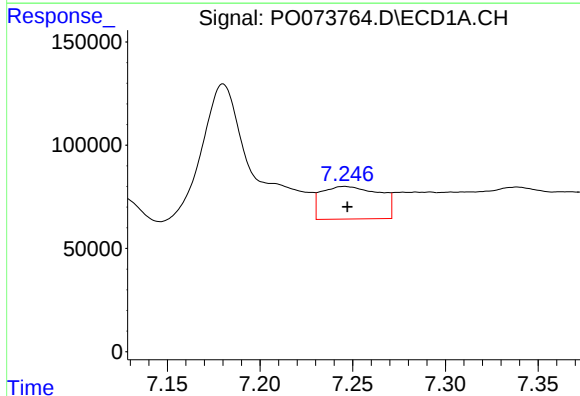
R.T.: 7.180 min
Delta R.T.: -0.027 min
Response: 1281514
Conc: 320.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



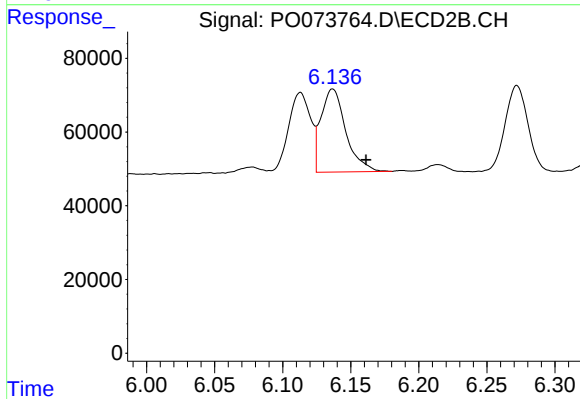
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.741 min
Response: 0
Conc: N.D.



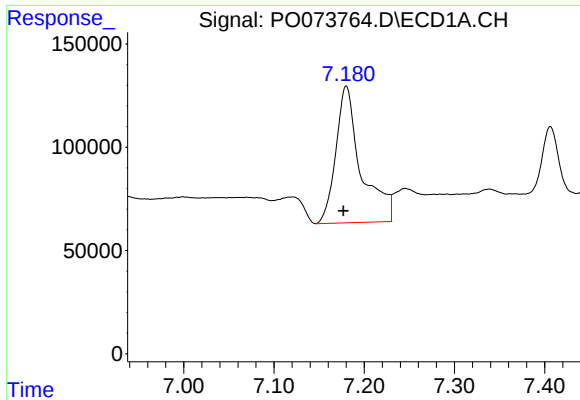
#25 AR-1248-5

R.T.: 7.246 min
Delta R.T.: -0.001 min
Response: 345228
Conc: 91.29 ng/ml



#25 AR-1248-5

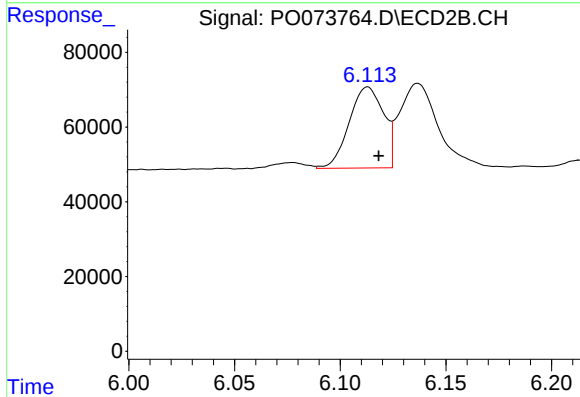
R.T.: 6.137 min
Delta R.T.: -0.025 min
Response: 286926
Conc: 123.49 ng/ml



#26 AR-1254-1

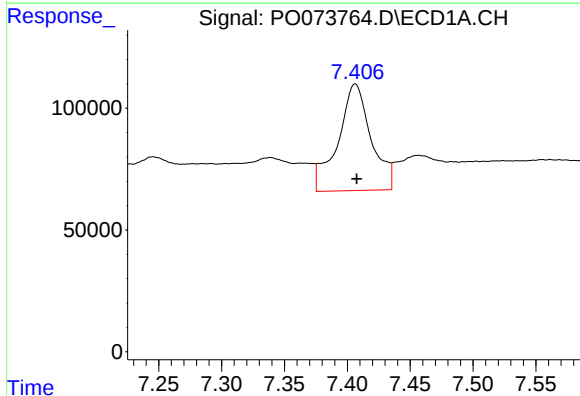
R.T.: 7.180 min
Delta R.T.: 0.003 min
Response: 1281514
Conc: 337.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



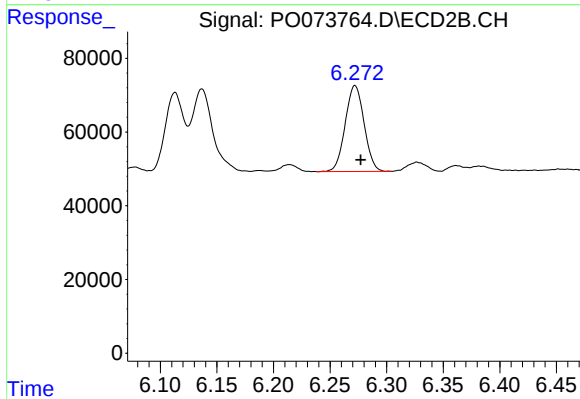
#26 AR-1254-1

R.T.: 6.113 min
Delta R.T.: -0.005 min
Response: 246001
Conc: 69.61 ng/ml



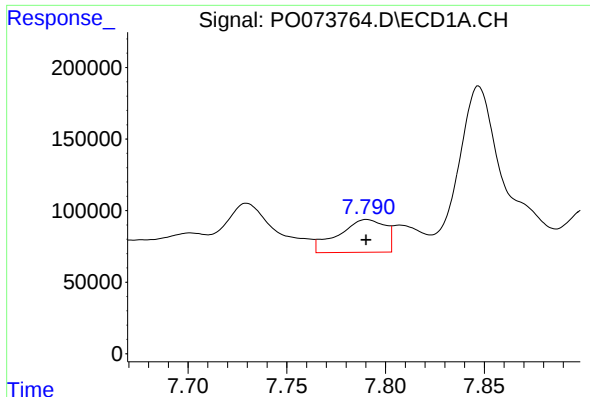
#27 AR-1254-2

R.T.: 7.406 min
Delta R.T.: 0.000 min
Response: 805465
Conc: 136.62 ng/ml



#27 AR-1254-2

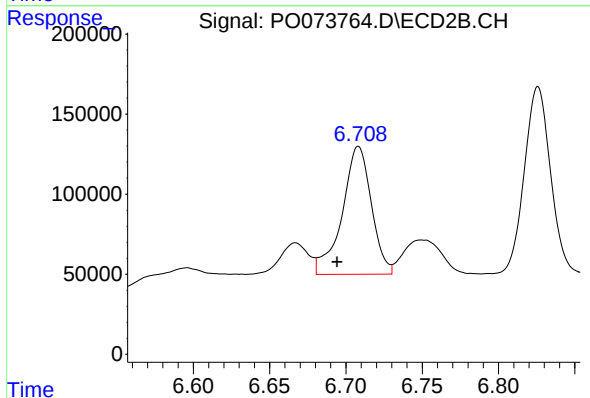
R.T.: 6.272 min
Delta R.T.: -0.005 min
Response: 271384
Conc: 86.93 ng/ml



#28 AR-1254-3

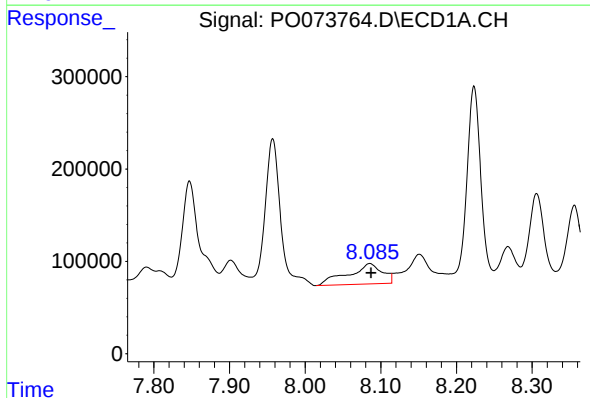
R.T.: 7.790 min
Delta R.T.: 0.000 min
Response: 378079
Conc: 61.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



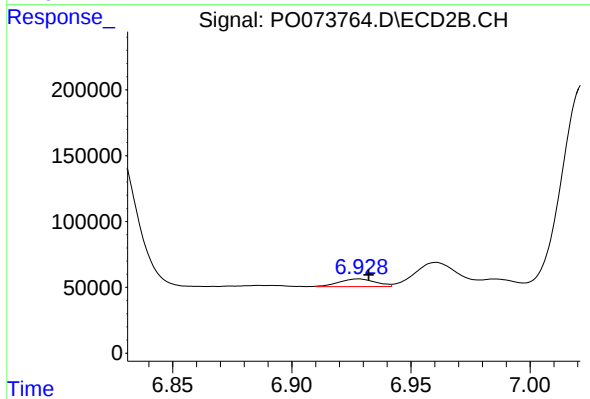
#28 AR-1254-3

R.T.: 6.708 min
Delta R.T.: 0.014 min
Response: 1066395
Conc: 217.81 ng/ml



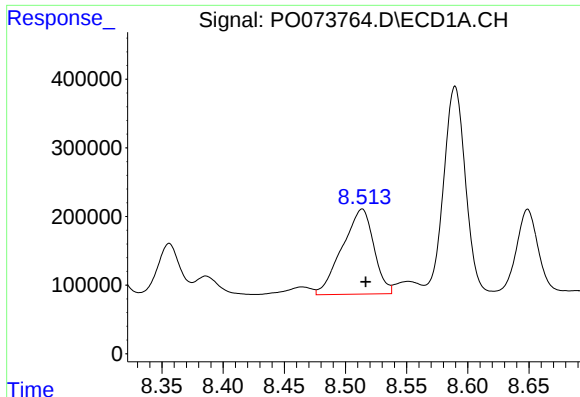
#29 AR-1254-4

R.T.: 8.086 min
Delta R.T.: -0.002 min
Response: 692284
Conc: 131.96 ng/ml



#29 AR-1254-4

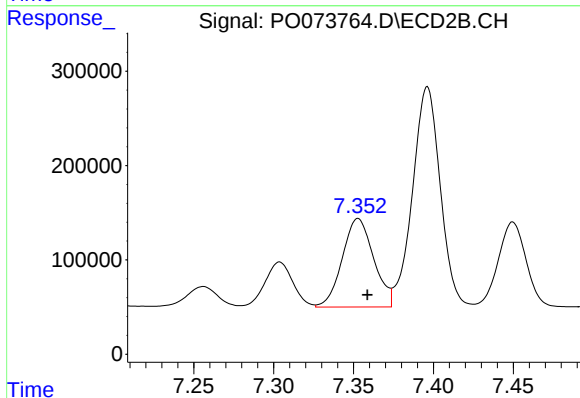
R.T.: 6.928 min
Delta R.T.: -0.004 min
Response: 62238
Conc: 17.75 ng/ml



#30 AR-1254-5

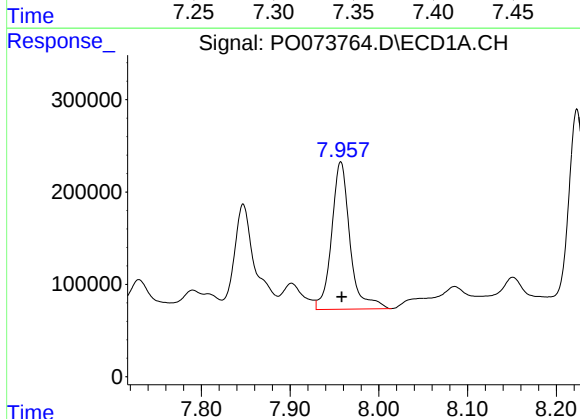
R.T.: 8.514 min
Delta R.T.: -0.003 min
Response: 2224715
Conc: 431.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



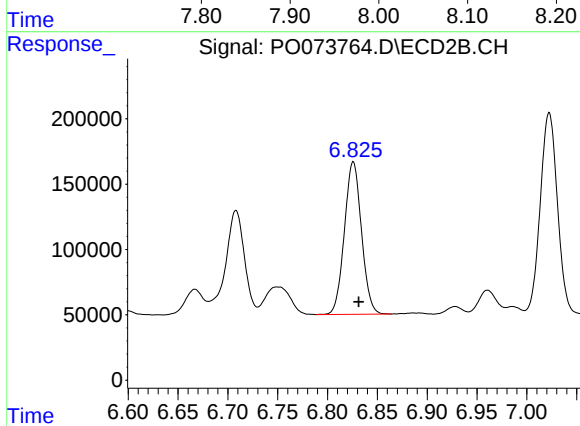
#30 AR-1254-5

R.T.: 7.353 min
Delta R.T.: -0.006 min
Response: 1286000
Conc: 291.63 ng/ml



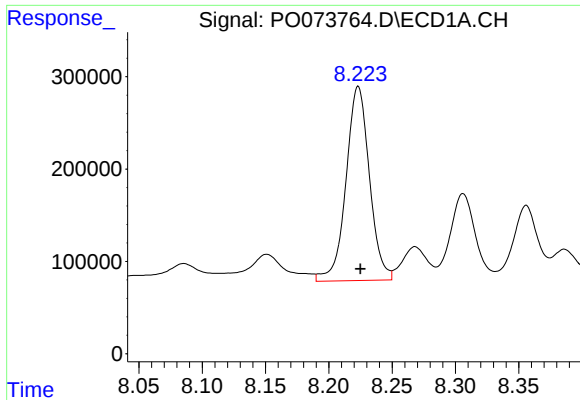
#31 AR-1260-1

R.T.: 7.957 min
Delta R.T.: -0.001 min
Response: 2299910
Conc: 544.17 ng/ml



#31 AR-1260-1

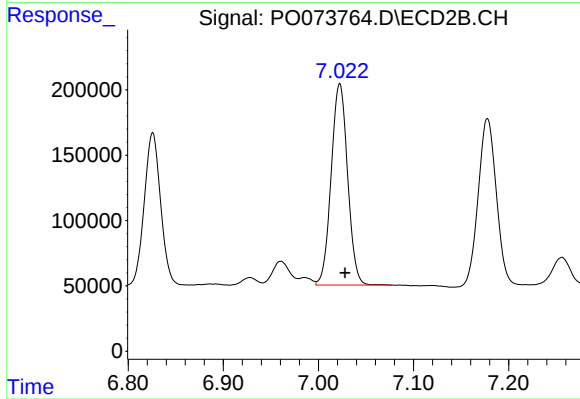
R.T.: 6.826 min
Delta R.T.: -0.005 min
Response: 1392278
Conc: 450.39 ng/ml



#32 AR-1260-2

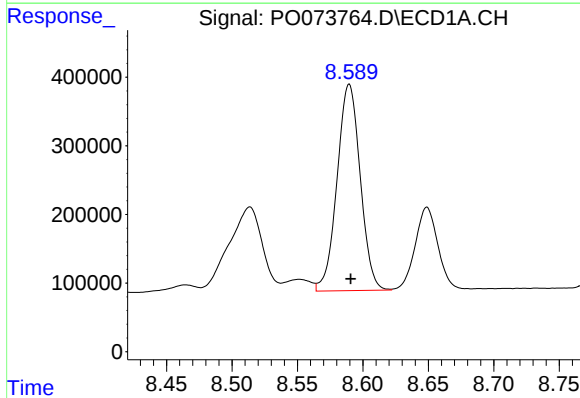
R.T.: 8.223 min
Delta R.T.: -0.002 min
Response: 2712901
Conc: 482.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



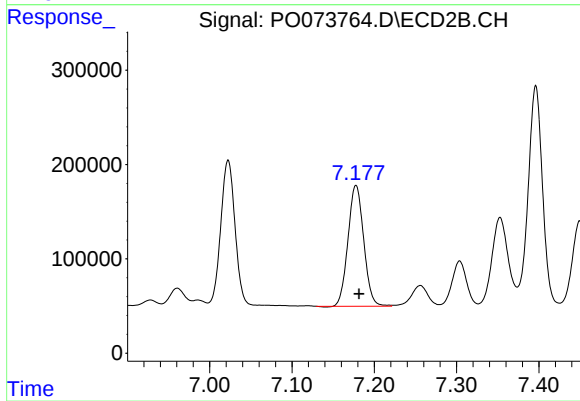
#32 AR-1260-2

R.T.: 7.022 min
Delta R.T.: -0.006 min
Response: 1852045
Conc: 456.56 ng/ml



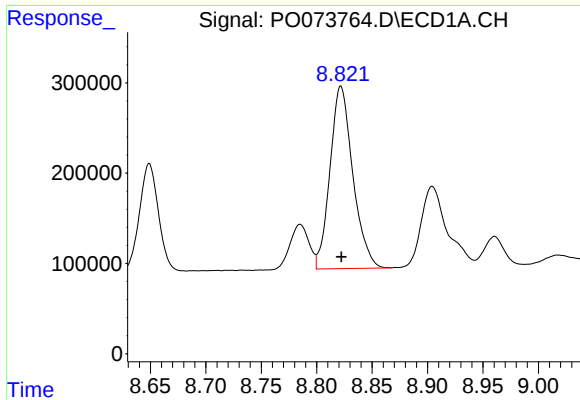
#33 AR-1260-3

R.T.: 8.590 min
Delta R.T.: -0.001 min
Response: 3709027
Conc: 811.40 ng/ml



#33 AR-1260-3

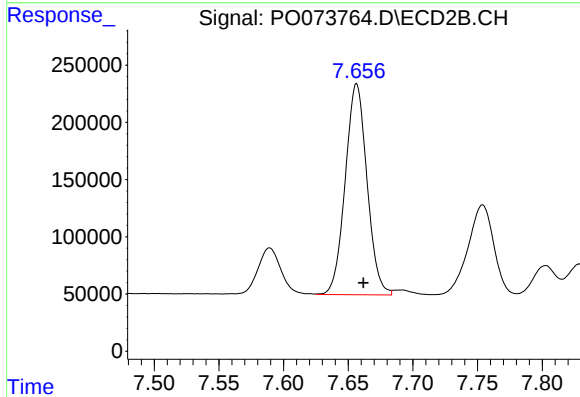
R.T.: 7.178 min
Delta R.T.: -0.004 min
Response: 1702493
Conc: 487.78 ng/ml



#34 AR-1260-4

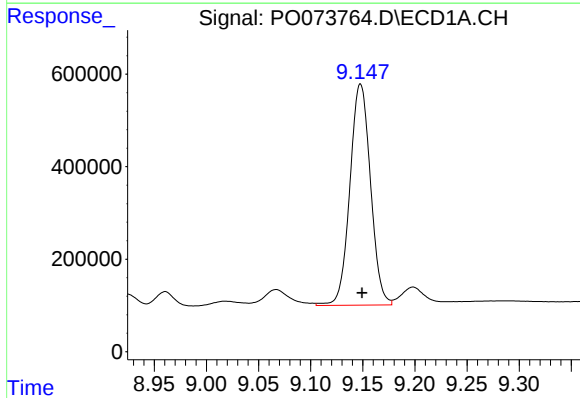
R.T.: 8.822 min
Delta R.T.: 0.000 min
Response: 2899376
Conc: 612.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



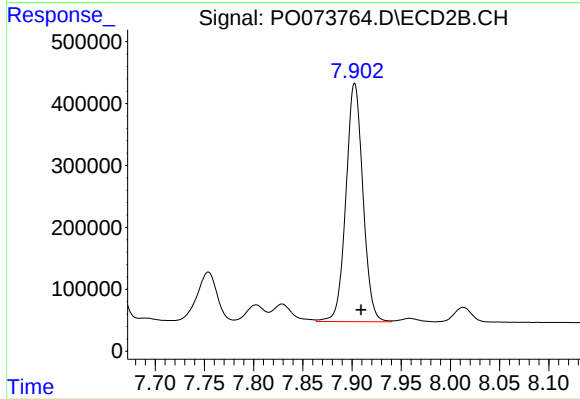
#34 AR-1260-4

R.T.: 7.657 min
Delta R.T.: -0.005 min
Response: 2160065
Conc: 715.31 ng/ml



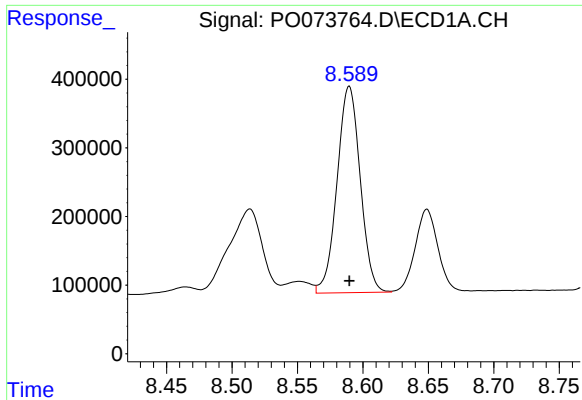
#35 AR-1260-5

R.T.: 9.148 min
Delta R.T.: -0.001 min
Response: 6577877
Conc: 659.12 ng/ml



#35 AR-1260-5

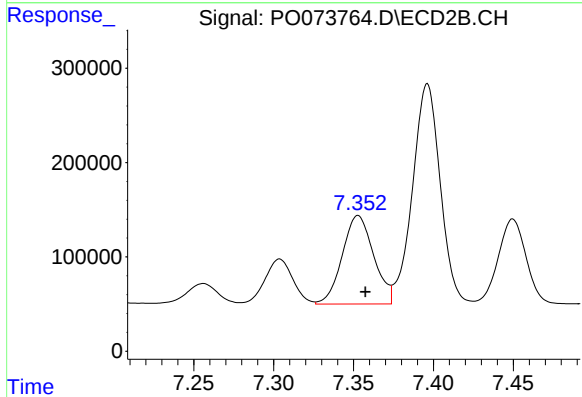
R.T.: 7.903 min
Delta R.T.: -0.006 min
Response: 4632086
Conc: 620.09 ng/ml



#36 AR-1262-1

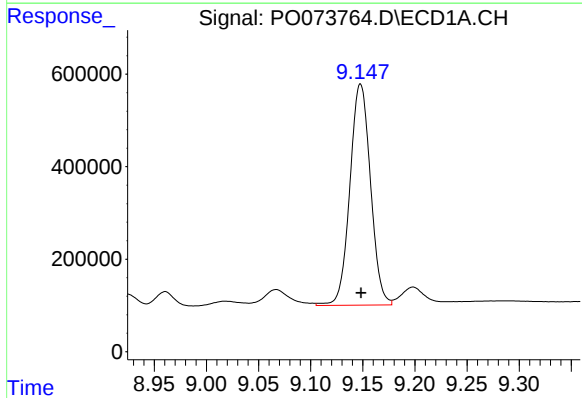
R.T.: 8.590 min
Delta R.T.: 0.000 min
Response: 3709027
Conc: 495.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



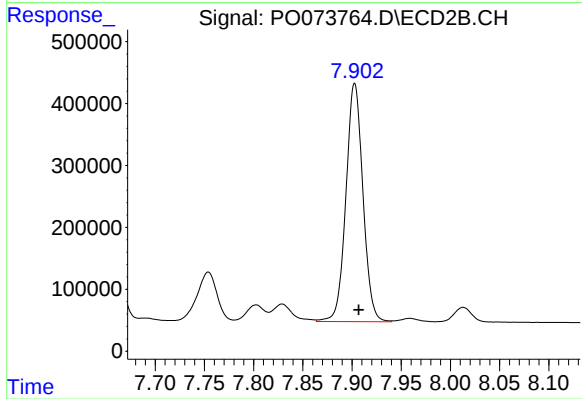
#36 AR-1262-1

R.T.: 7.353 min
Delta R.T.: -0.004 min
Response: 1286000
Conc: 514.44 ng/ml



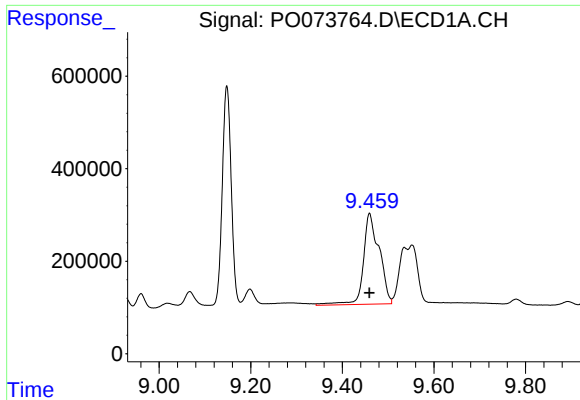
#37 AR-1262-2

R.T.: 9.148 min
Delta R.T.: 0.000 min
Response: 6577877
Conc: 512.86 ng/ml



#37 AR-1262-2

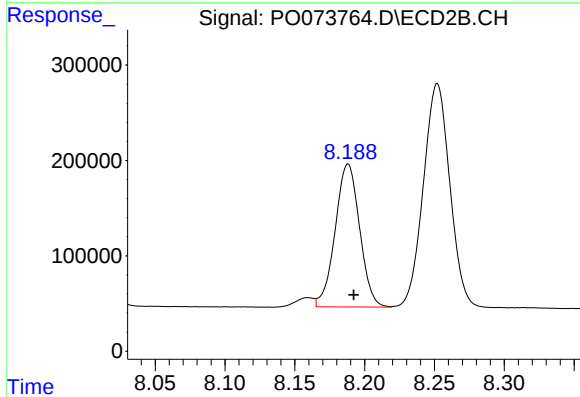
R.T.: 7.903 min
Delta R.T.: -0.004 min
Response: 4632086
Conc: 526.59 ng/ml



#38 AR-1262-3

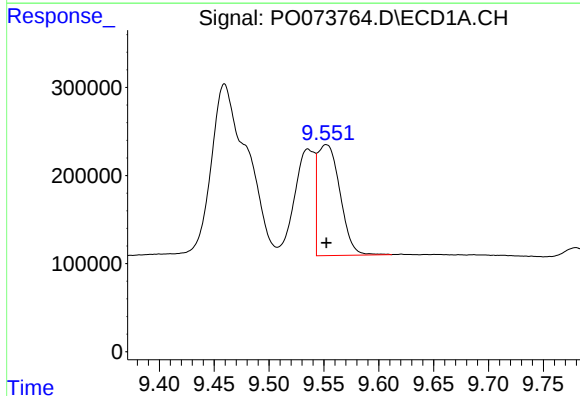
R.T.: 9.459 min
Delta R.T.: 0.000 min
Response: 4727354
Conc: 557.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



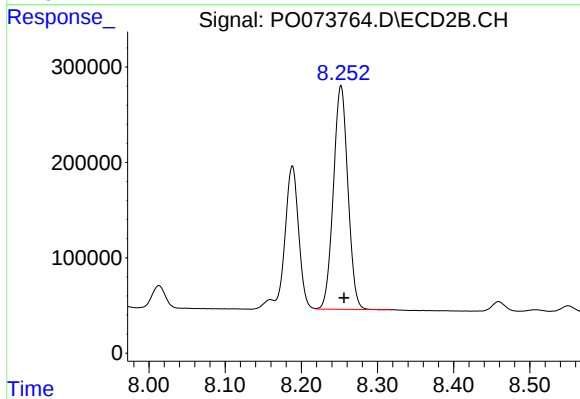
#38 AR-1262-3

R.T.: 8.188 min
Delta R.T.: -0.004 min
Response: 1827060
Conc: 505.29 ng/ml



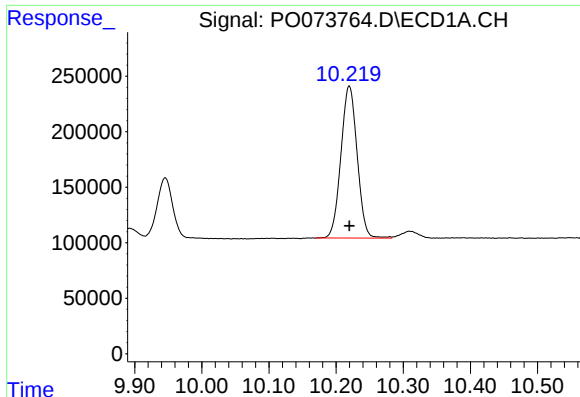
#39 AR-1262-4

R.T.: 9.552 min
Delta R.T.: 0.000 min
Response: 1794202
Conc: 536.45 ng/ml



#39 AR-1262-4

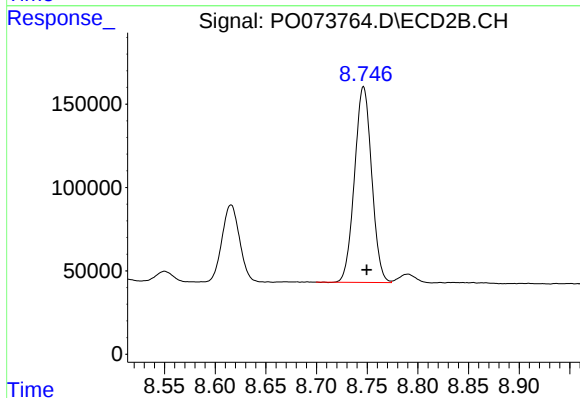
R.T.: 8.252 min
Delta R.T.: -0.004 min
Response: 3102064
Conc: 504.15 ng/ml



#40 AR-1262-5

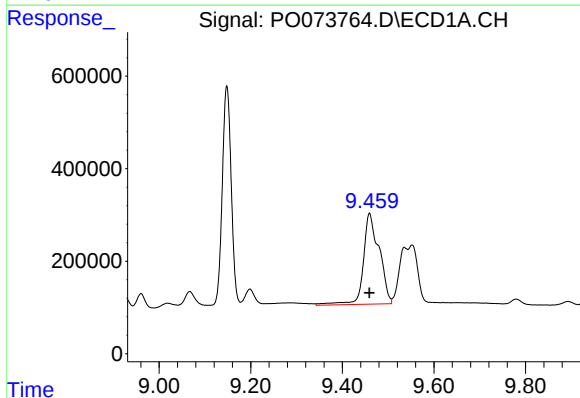
R.T.: 10.220 min
Delta R.T.: 0.000 min
Response: 2298776
Conc: 508.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



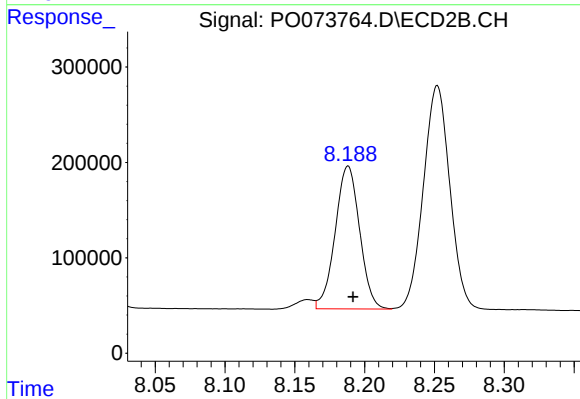
#40 AR-1262-5

R.T.: 8.746 min
Delta R.T.: -0.003 min
Response: 1381756
Conc: 485.34 ng/ml



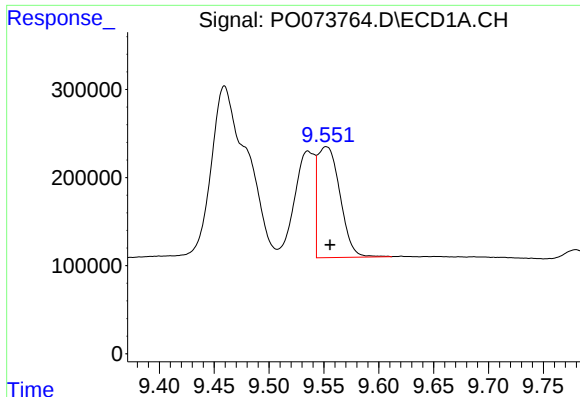
#41 AR-1268-1

R.T.: 9.459 min
Delta R.T.: 0.000 min
Response: 4727354
Conc: 331.90 ng/ml



#41 AR-1268-1

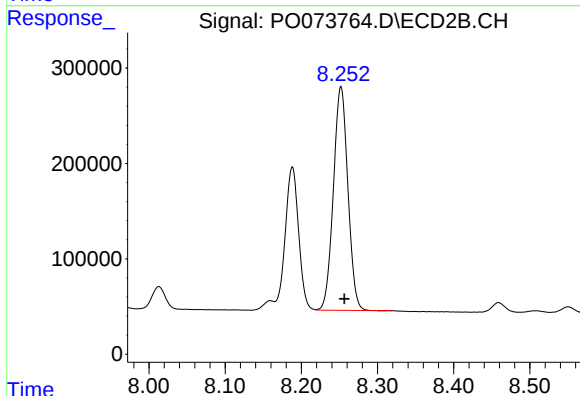
R.T.: 8.188 min
Delta R.T.: -0.004 min
Response: 1827060
Conc: 189.85 ng/ml



#42 AR-1268-2

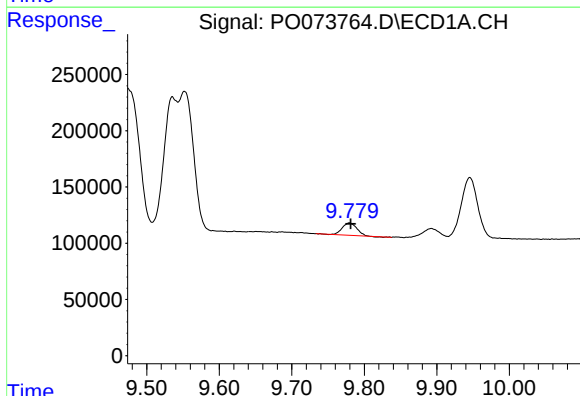
R.T.: 9.552 min
Delta R.T.: -0.003 min
Response: 1794202
Conc: 145.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



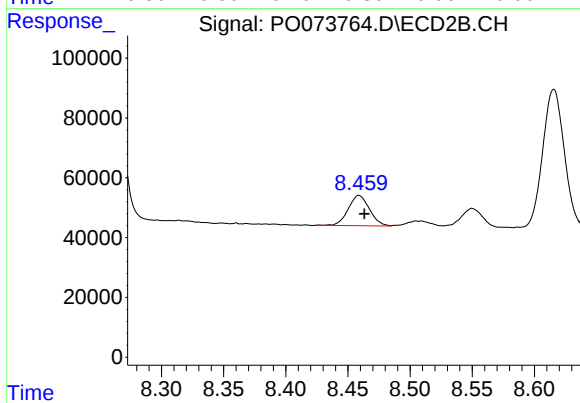
#42 AR-1268-2

R.T.: 8.252 min
Delta R.T.: -0.005 min
Response: 3102064
Conc: 376.53 ng/ml



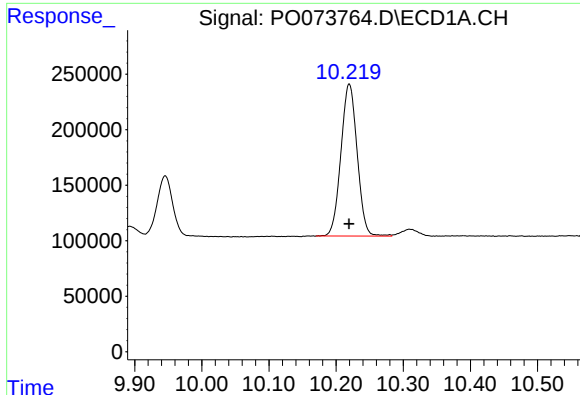
#43 AR-1268-3

R.T.: 9.780 min
Delta R.T.: -0.002 min
Response: 153992
Conc: 14.19 ng/ml



#43 AR-1268-3

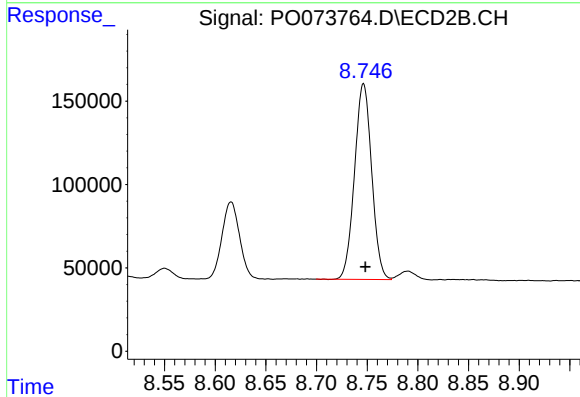
R.T.: 8.459 min
Delta R.T.: -0.004 min
Response: 120711
Conc: 17.10 ng/ml



#44 AR-1268-4

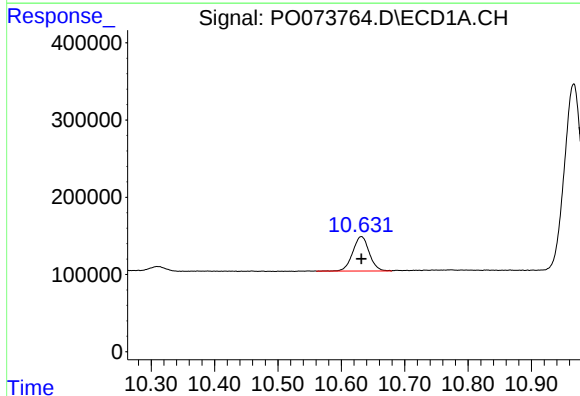
R.T.: 10.220 min
Delta R.T.: 0.000 min
Response: 2298776
Conc: 490.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



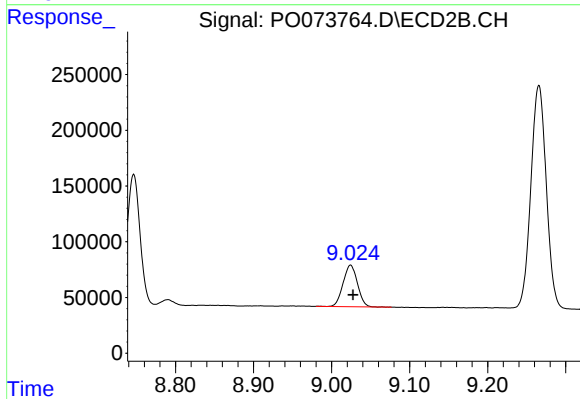
#44 AR-1268-4

R.T.: 8.746 min
Delta R.T.: -0.002 min
Response: 1381756
Conc: 466.81 ng/ml



#45 AR-1268-5

R.T.: 10.632 min
Delta R.T.: 0.000 min
Response: 804572
Conc: 24.58 ng/ml



#45 AR-1268-5

R.T.: 9.024 min
Delta R.T.: -0.003 min
Response: 479166
Conc: 23.85 ng/ml