

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0062121\
 Data File : P0078986.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Jun 2021 16:48
 Operator : DD\AJ
 Sample : M2768-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 22 02:13:38 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sun Jun 20 03:02:02 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...	4.328	3.604	1741313	639655	22.064	21.522
2)	SA Decachlor...	9.937	8.786	1076866	544859	17.242	18.285
Target Compounds							
3)	L1 AR-1016-1	5.625	4.830	1281380	565938	479.047	526.953
4)	L1 AR-1016-2	5.646	4.849	1928515	836890	471.796	522.334
5)	L1 AR-1016-3	5.711	5.036	1130322	426400	449.970	513.400
6)	L1 AR-1016-4	5.815	5.090	889967	356846	455.417	482.831
7)	L1 AR-1016-5	6.126	5.313	877710	426273	441.955	472.100
8)	L2 AR-1221-1	4.574	3.855	852248	60325	1025.140	180.258 #
9)	L2 AR-1221-2	4.675	3.952	279935	94848	459.568	374.767
10)	L2 AR-1221-3	4.759	4.038	923517	342627	474.149	431.563
11)	L3 AR-1232-1	4.759	4.038	923517	342627	579.274	549.532
12)	L3 AR-1232-2	5.333	4.849	1212447	836890	1509.449	1363.993
13)	L3 AR-1232-3	5.646	5.036	1928515	426400	1261.539	1435.275
14)	L3 AR-1232-4	5.815	5.132	889967	435442	1203.550	1560.015 #
15)	L3 AR-1232-5	5.915	5.313	693390	426273	1342.367	1386.893
16)	L4 AR-1242-1	5.625	4.830	1281380	565938	645.906	712.246
17)	L4 AR-1242-2	5.646	4.849	1928515	836890	648.395	720.333
18)	L4 AR-1242-3	5.711	5.036	1130322	426400	610.770	696.537
19)	L4 AR-1242-4	5.815	5.132	889967	435442	616.439	711.403
20)	L4 AR-1242-5	6.588	5.686	159068	360535	102.958	461.057 #
21)	L5 AR-1248-1	5.625	4.830	1281380	565938	811.254	888.896
22)	L5 AR-1248-2	5.915	5.090	693390	356846	313.430	361.481
23)	L5 AR-1248-3	6.126	5.132	877710	435442	338.479	438.609 #
24)	L5 AR-1248-4	6.549	5.313	178055	426273	64.242	363.033 #
25)	L5 AR-1248-5	6.588	5.728	159068	53772	58.222	49.938
26)	L6 AR-1254-1	6.519	5.686	669148	360535	248.427	217.009
27)	L6 AR-1254-2	6.746	5.844	767319	340875	182.938	231.304 #
28)	L6 AR-1254-3	7.122	6.275f	423234	600591	95.032	270.023 #
29)	L6 AR-1254-4	7.412	6.495	236986	65496	77.019	48.170 #
30)	L6 AR-1254-5	7.837	6.917	2071590	1203643	634.613	604.494
31)	L7 AR-1260-1	7.287	6.391	1525928	806451	457.987	498.224
32)	L7 AR-1260-2	7.551	6.589	1882181	974671	484.266	502.993
33)	L7 AR-1260-3	7.911	6.739	1086119	885730	358.793	481.054 #
34)	L7 AR-1260-4	8.138	7.215	1361654	641991	415.828	421.399
35)	L7 AR-1260-5	8.451	7.463	2509817	1525256	391.923	430.733
36)	L8 AR-1262-1	7.911	6.917	1086119	1203643	264.360	1154.639 #
37)	L8 AR-1262-2	8.451	7.463	2509817	1525256	376.926	432.223
38)	L8 AR-1262-3	8.740f	7.744	1599987	338995	350.261	236.494 #
39)	L8 AR-1262-4	8.785f	7.806	921559	1126525	247.577	418.845 #
40)	L8 AR-1262-5	9.346	8.303	667726	347201	275.591	286.677
41)	L9 AR-1268-1	8.740f	7.744	1599987	338995	197.550	77.186 #

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Acq On : 21 Jun 2021 16:48
Operator : DD\AJ
Sample : M2768-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

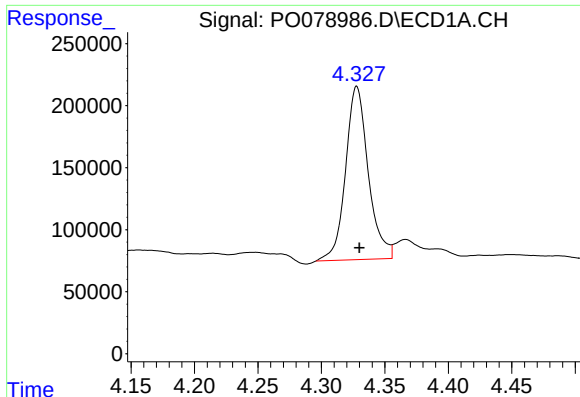
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 22 02:13:38 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0061921.M
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QLast Update : Sun Jun 20 03:02:02 2021
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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	8.785f	7.806	921559	1126525	123.251	285.308 #
43) L9	AR-1268-3	8.984	8.009	47929	39333	7.497	11.554 #
44) L9	AR-1268-4	9.346	8.303	667726	347201	259.423	242.933
45) L9	AR-1268-5	9.675	8.571	304985	106439	15.222	10.325 #

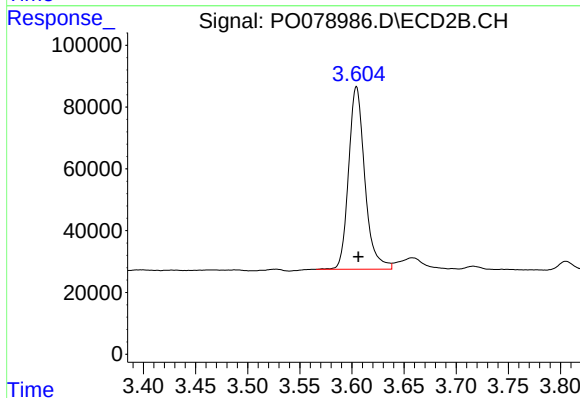
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

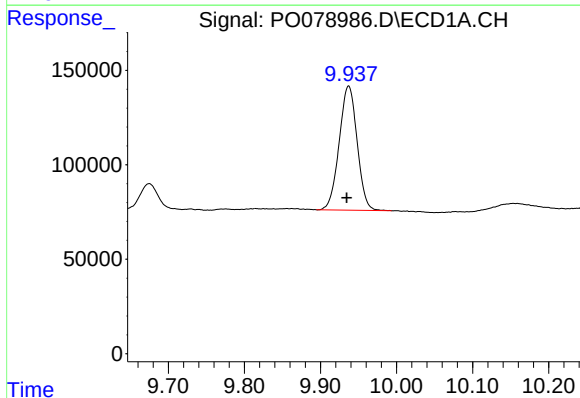
R.T.: 4.328 min
Delta R.T.: -0.002 min
Response: 1741313
Conc: 22.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



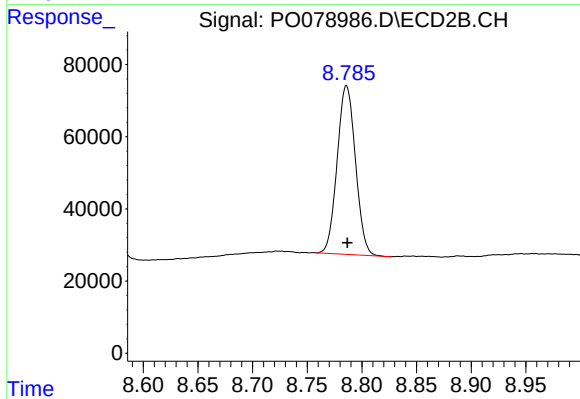
#1 Tetrachloro-m-xylene

R.T.: 3.604 min
Delta R.T.: -0.002 min
Response: 639655
Conc: 21.52 ng/ml



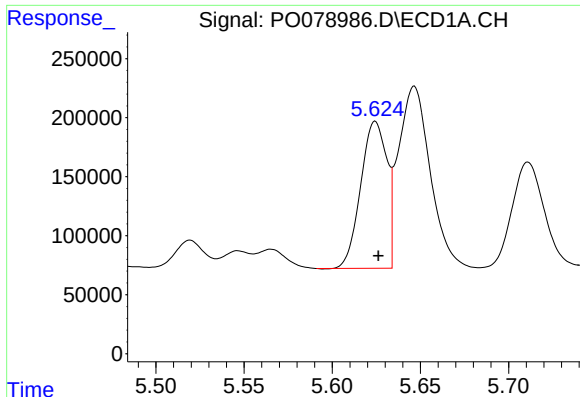
#2 Decachlorobiphenyl

R.T.: 9.937 min
Delta R.T.: 0.002 min
Response: 1076866
Conc: 17.24 ng/ml



#2 Decachlorobiphenyl

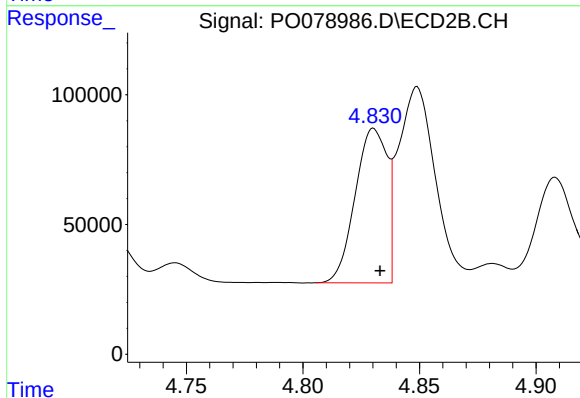
R.T.: 8.786 min
Delta R.T.: 0.000 min
Response: 544859
Conc: 18.28 ng/ml



#3 AR-1016-1

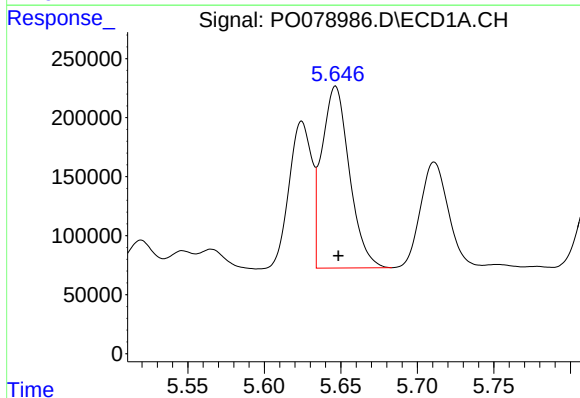
R.T.: 5.625 min
Delta R.T.: -0.001 min
Response: 1281380
Conc: 479.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



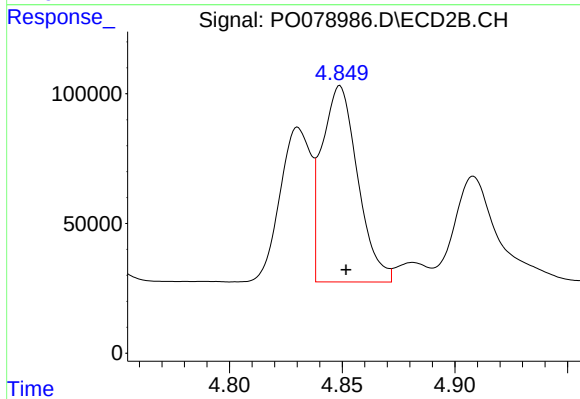
#3 AR-1016-1

R.T.: 4.830 min
Delta R.T.: -0.003 min
Response: 565938
Conc: 526.95 ng/ml



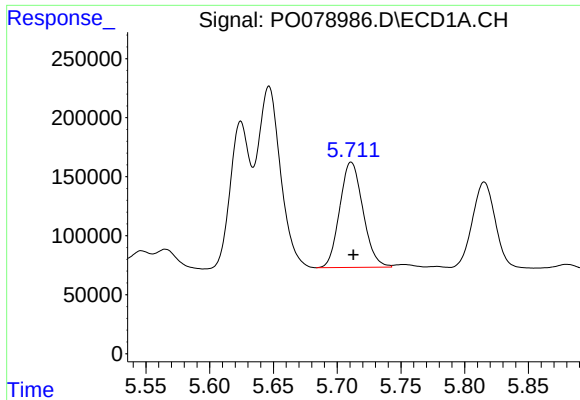
#4 AR-1016-2

R.T.: 5.646 min
Delta R.T.: -0.002 min
Response: 1928515
Conc: 471.80 ng/ml



#4 AR-1016-2

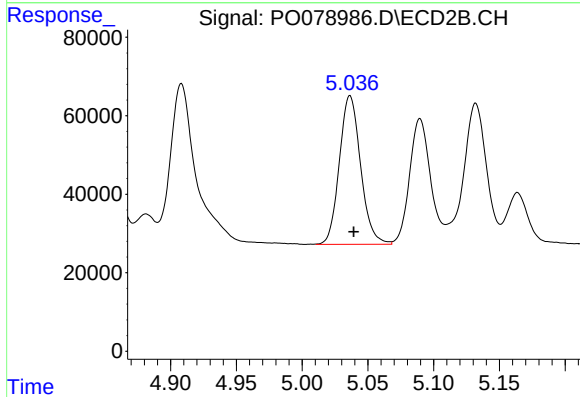
R.T.: 4.849 min
Delta R.T.: -0.003 min
Response: 836890
Conc: 522.33 ng/ml



#5 AR-1016-3

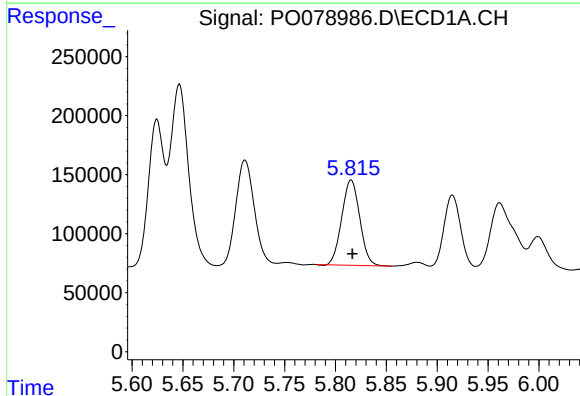
R.T.: 5.711 min
Delta R.T.: -0.002 min
Response: 1130322
Conc: 449.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



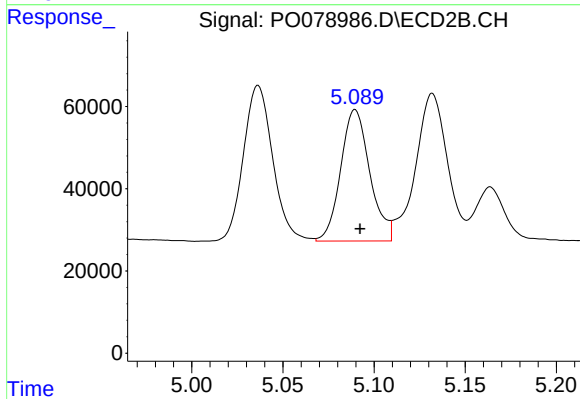
#5 AR-1016-3

R.T.: 5.036 min
Delta R.T.: -0.003 min
Response: 426400
Conc: 513.40 ng/ml



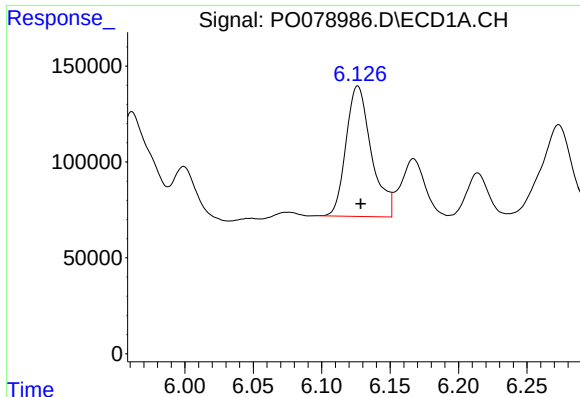
#6 AR-1016-4

R.T.: 5.815 min
Delta R.T.: -0.001 min
Response: 889967
Conc: 455.42 ng/ml



#6 AR-1016-4

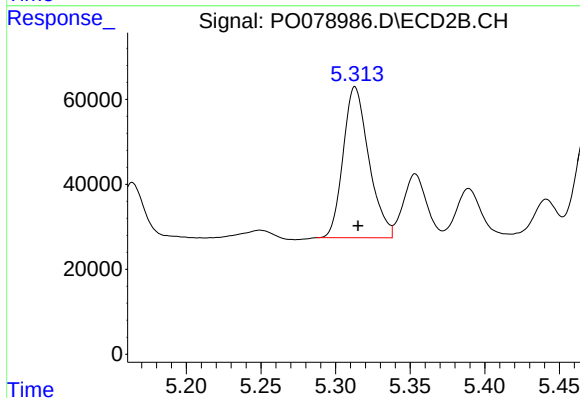
R.T.: 5.090 min
Delta R.T.: -0.003 min
Response: 356846
Conc: 482.83 ng/ml



#7 AR-1016-5

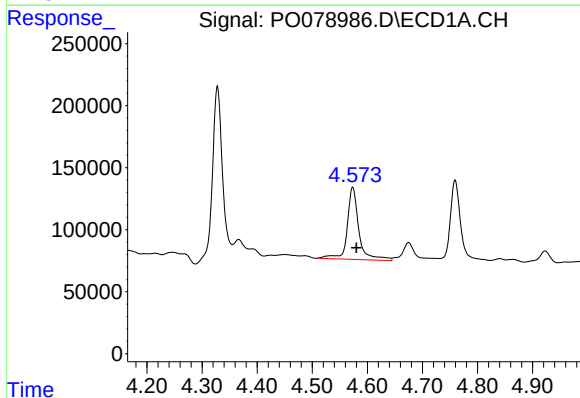
R.T.: 6.126 min
Delta R.T.: -0.002 min
Response: 877710
Conc: 441.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



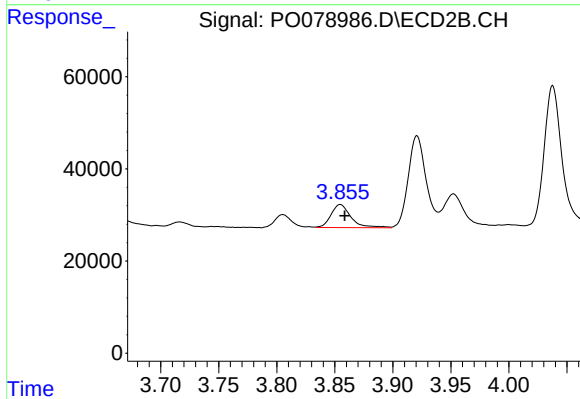
#7 AR-1016-5

R.T.: 5.313 min
Delta R.T.: -0.002 min
Response: 426273
Conc: 472.10 ng/ml



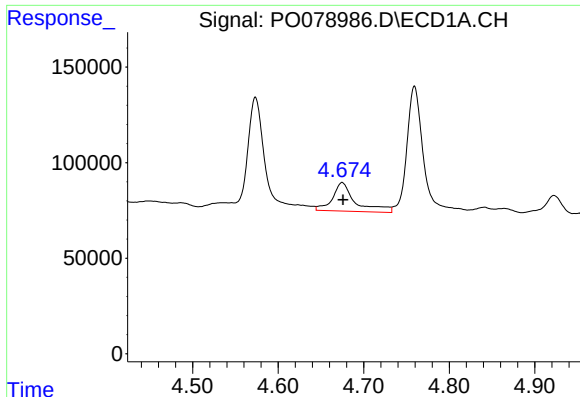
#8 AR-1221-1

R.T.: 4.574 min
Delta R.T.: -0.007 min
Response: 852248
Conc: 1025.14 ng/ml



#8 AR-1221-1

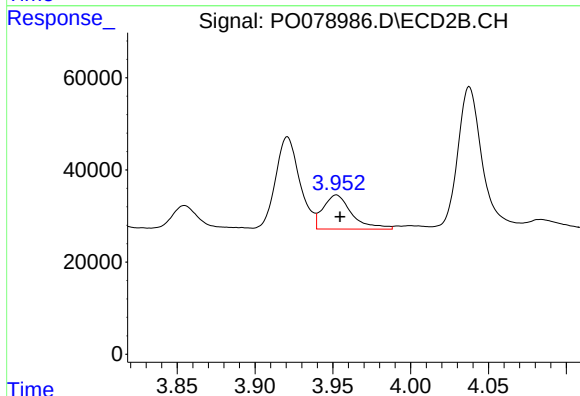
R.T.: 3.855 min
Delta R.T.: -0.004 min
Response: 60325
Conc: 180.26 ng/ml



#9 AR-1221-2

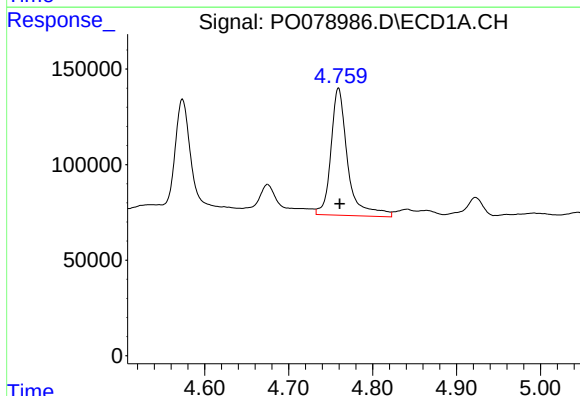
R.T.: 4.675 min
Delta R.T.: 0.000 min
Response: 279935
Conc: 459.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



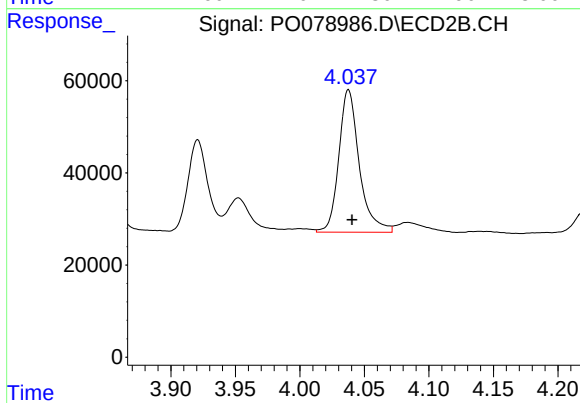
#9 AR-1221-2

R.T.: 3.952 min
Delta R.T.: -0.002 min
Response: 94848
Conc: 374.77 ng/ml



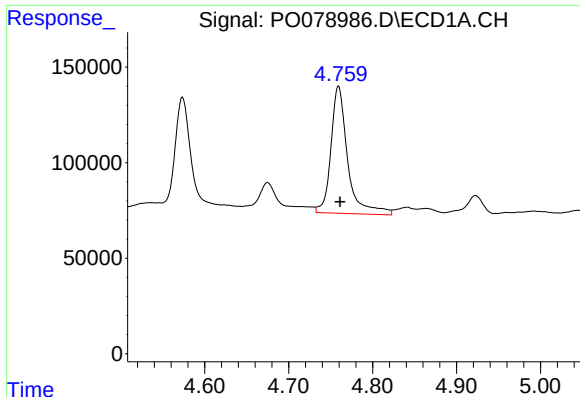
#10 AR-1221-3

R.T.: 4.759 min
Delta R.T.: -0.001 min
Response: 923517
Conc: 474.15 ng/ml



#10 AR-1221-3

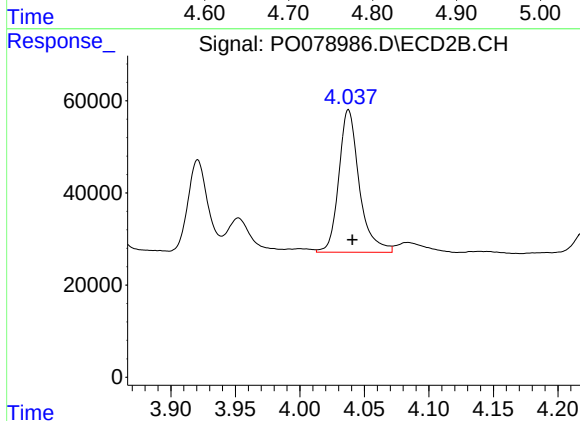
R.T.: 4.038 min
Delta R.T.: -0.003 min
Response: 342627
Conc: 431.56 ng/ml



#11 AR-1232-1

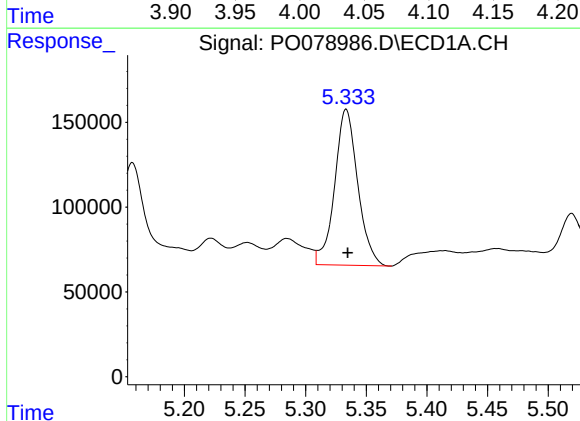
R.T.: 4.759 min
Delta R.T.: -0.002 min
Response: 923517
Conc: 579.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



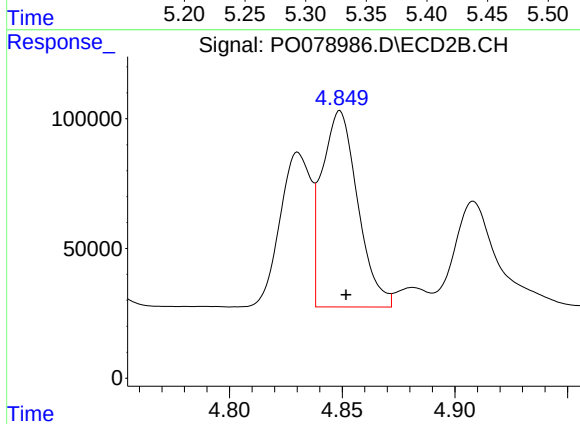
#11 AR-1232-1

R.T.: 4.038 min
Delta R.T.: -0.003 min
Response: 342627
Conc: 549.53 ng/ml



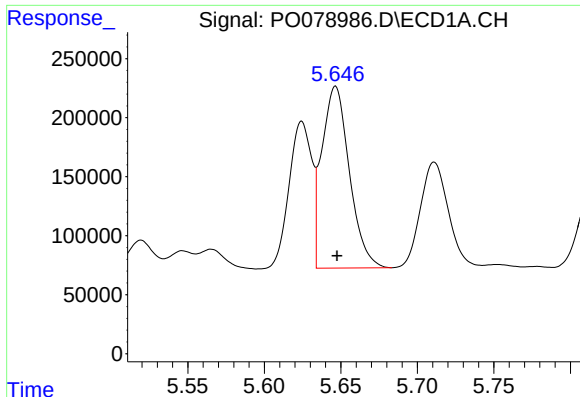
#12 AR-1232-2

R.T.: 5.333 min
Delta R.T.: -0.001 min
Response: 1212447
Conc: 1509.45 ng/ml



#12 AR-1232-2

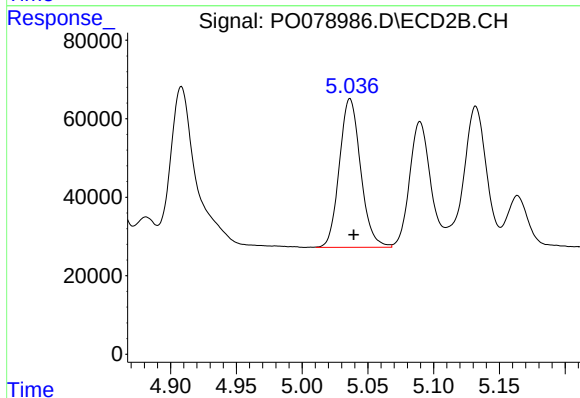
R.T.: 4.849 min
Delta R.T.: -0.003 min
Response: 836890
Conc: 1363.99 ng/ml



#13 AR-1232-3

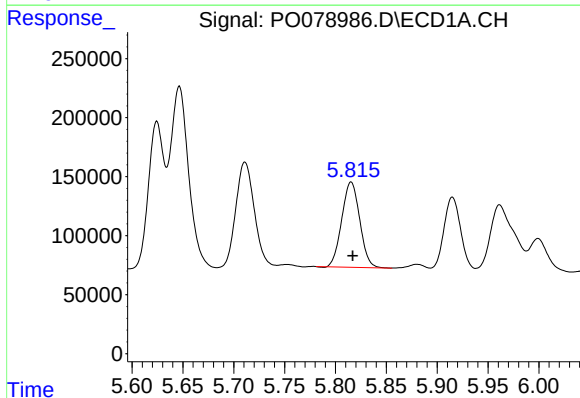
R.T.: 5.646 min
Delta R.T.: -0.001 min
Response: 1928515
Conc: 1261.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



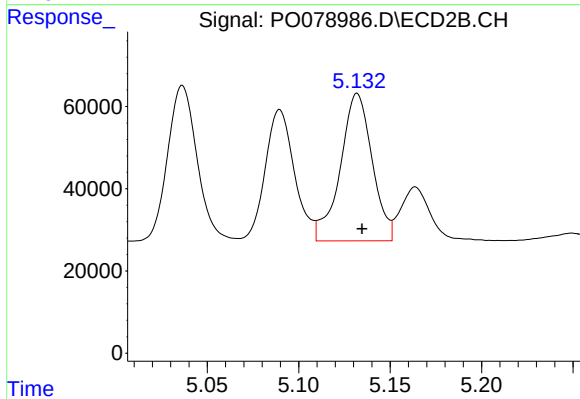
#13 AR-1232-3

R.T.: 5.036 min
Delta R.T.: -0.003 min
Response: 426400
Conc: 1435.27 ng/ml



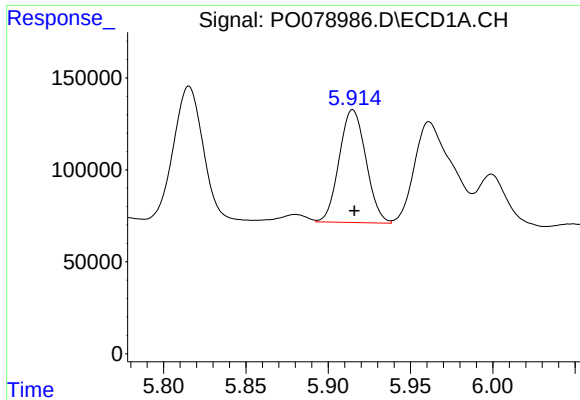
#14 AR-1232-4

R.T.: 5.815 min
Delta R.T.: -0.002 min
Response: 889967
Conc: 1203.55 ng/ml



#14 AR-1232-4

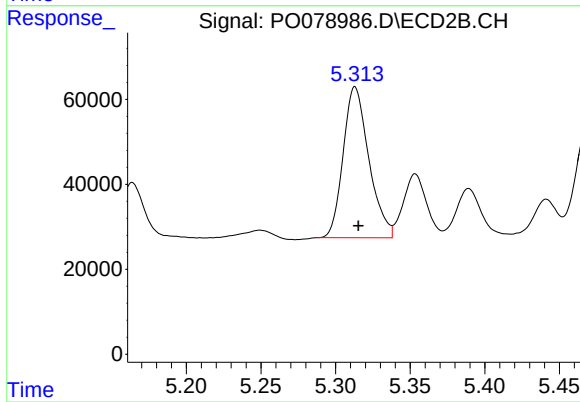
R.T.: 5.132 min
Delta R.T.: -0.003 min
Response: 435442
Conc: 1560.02 ng/ml



#15 AR-1232-5

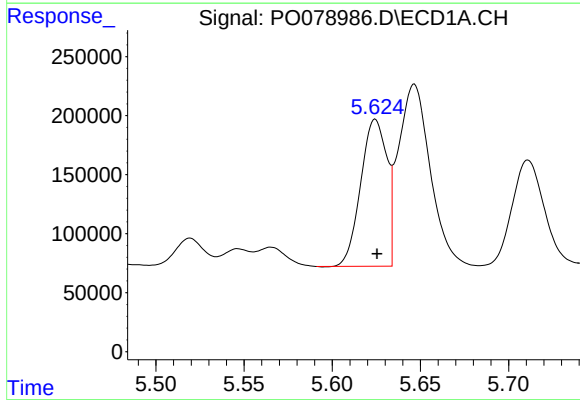
R.T.: 5.915 min
Delta R.T.: 0.000 min
Response: 693390
Conc: 1342.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



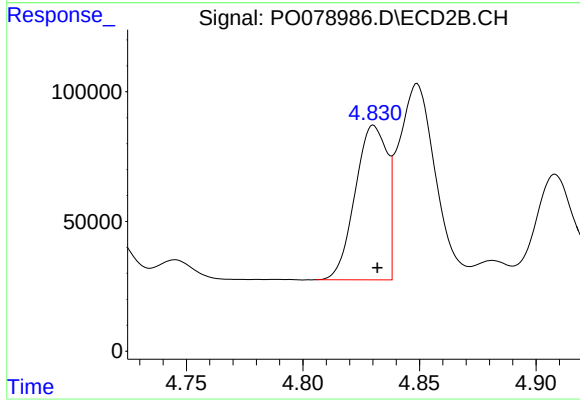
#15 AR-1232-5

R.T.: 5.313 min
Delta R.T.: -0.002 min
Response: 426273
Conc: 1386.89 ng/ml



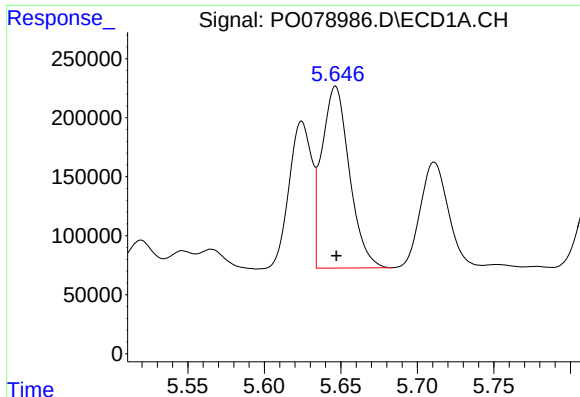
#16 AR-1242-1

R.T.: 5.625 min
Delta R.T.: 0.000 min
Response: 1281380
Conc: 645.91 ng/ml



#16 AR-1242-1

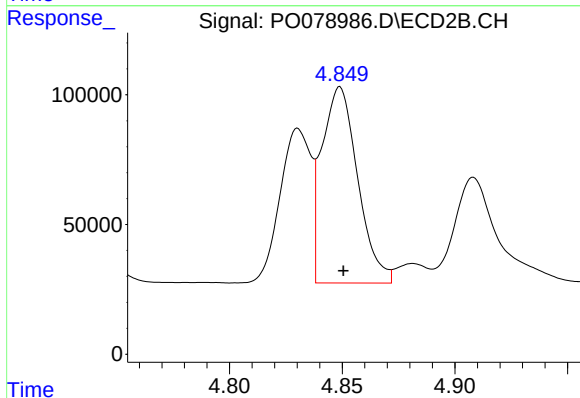
R.T.: 4.830 min
Delta R.T.: -0.002 min
Response: 565938
Conc: 712.25 ng/ml



#17 AR-1242-2

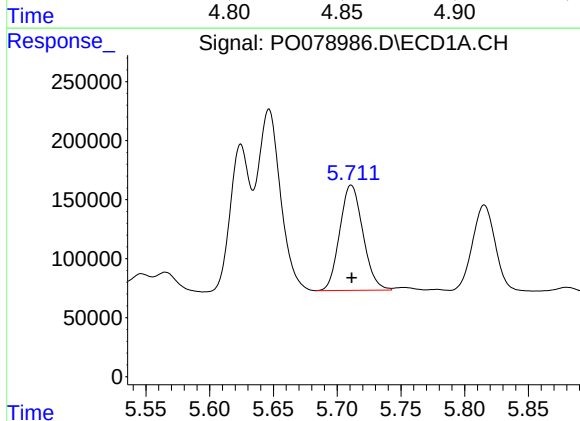
R.T.: 5.646 min
Delta R.T.: 0.000 min
Response: 1928515
Conc: 648.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



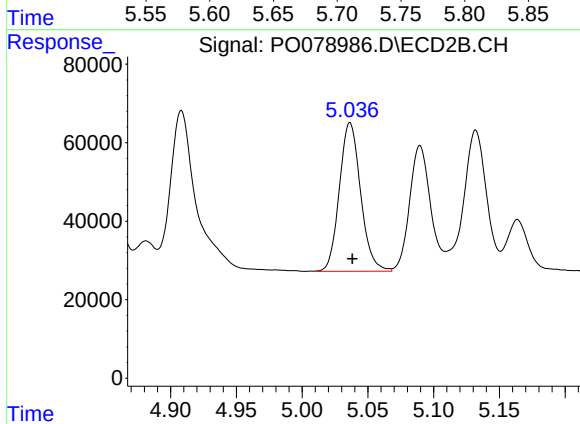
#17 AR-1242-2

R.T.: 4.849 min
Delta R.T.: -0.002 min
Response: 836890
Conc: 720.33 ng/ml



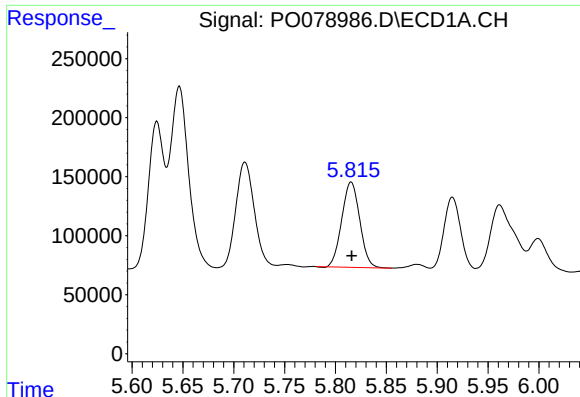
#18 AR-1242-3

R.T.: 5.711 min
Delta R.T.: 0.000 min
Response: 1130322
Conc: 610.77 ng/ml



#18 AR-1242-3

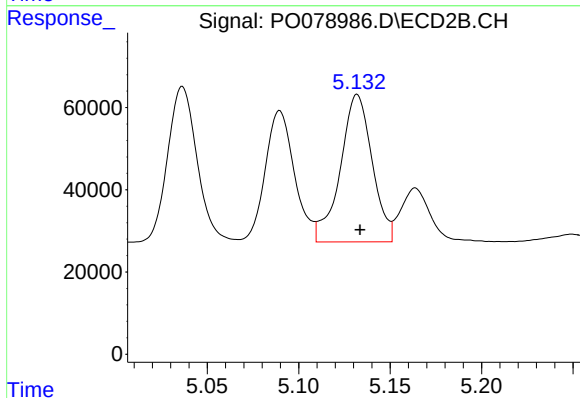
R.T.: 5.036 min
Delta R.T.: -0.002 min
Response: 426400
Conc: 696.54 ng/ml



#19 AR-1242-4

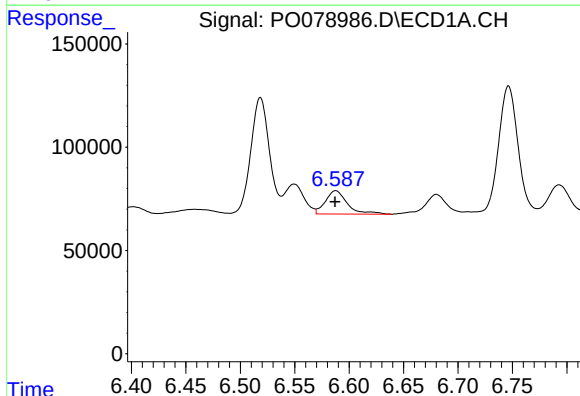
R.T.: 5.815 min
Delta R.T.: 0.000 min
Response: 889967
Conc: 616.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



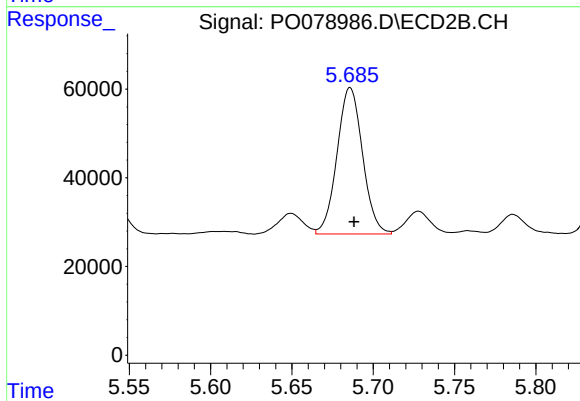
#19 AR-1242-4

R.T.: 5.132 min
Delta R.T.: -0.002 min
Response: 435442
Conc: 711.40 ng/ml



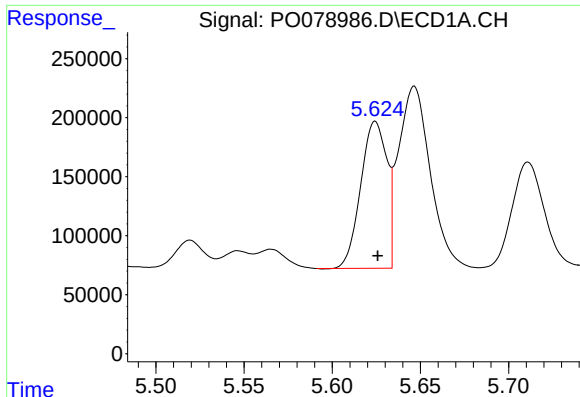
#20 AR-1242-5

R.T.: 6.588 min
Delta R.T.: 0.000 min
Response: 159068
Conc: 102.96 ng/ml



#20 AR-1242-5

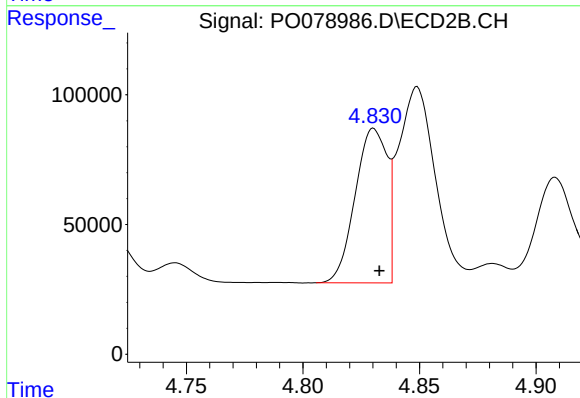
R.T.: 5.686 min
Delta R.T.: -0.002 min
Response: 360535
Conc: 461.06 ng/ml



#21 AR-1248-1

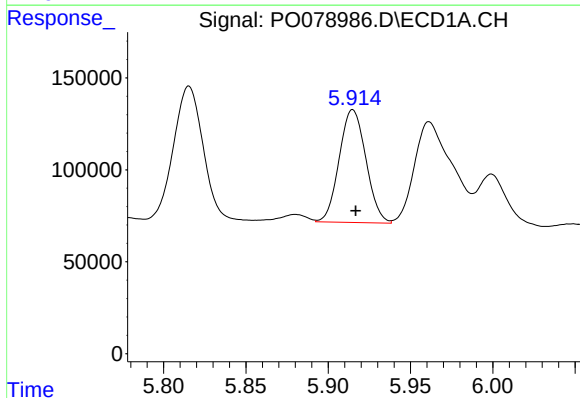
R.T.: 5.625 min
Delta R.T.: -0.001 min
Response: 1281380
Conc: 811.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



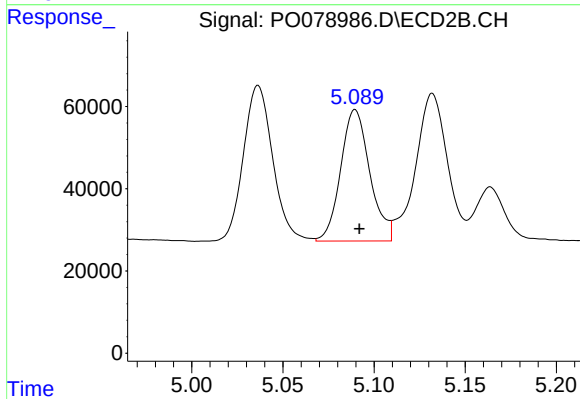
#21 AR-1248-1

R.T.: 4.830 min
Delta R.T.: -0.002 min
Response: 565938
Conc: 888.90 ng/ml



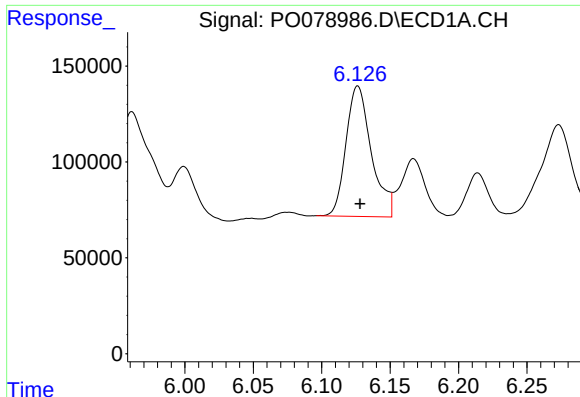
#22 AR-1248-2

R.T.: 5.915 min
Delta R.T.: -0.002 min
Response: 693390
Conc: 313.43 ng/ml



#22 AR-1248-2

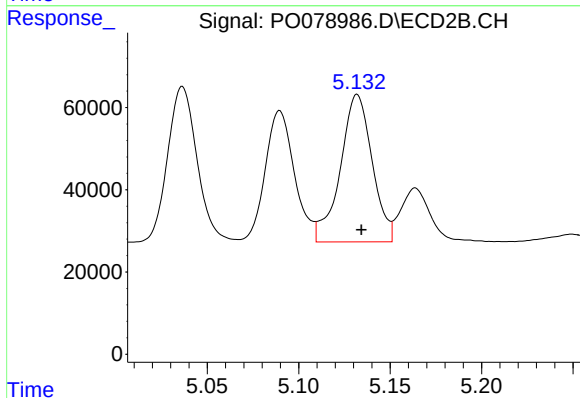
R.T.: 5.090 min
Delta R.T.: -0.002 min
Response: 356846
Conc: 361.48 ng/ml



#23 AR-1248-3

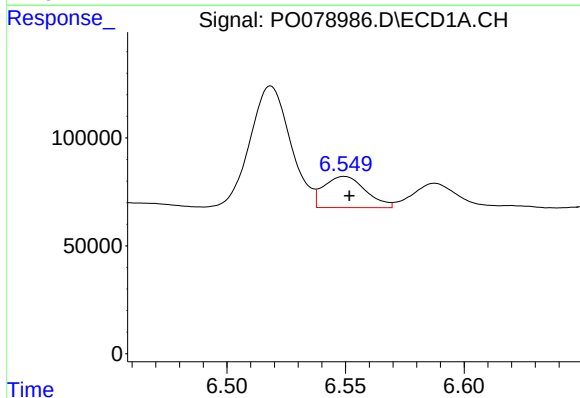
R.T.: 6.126 min
Delta R.T.: -0.002 min
Response: 877710
Conc: 338.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



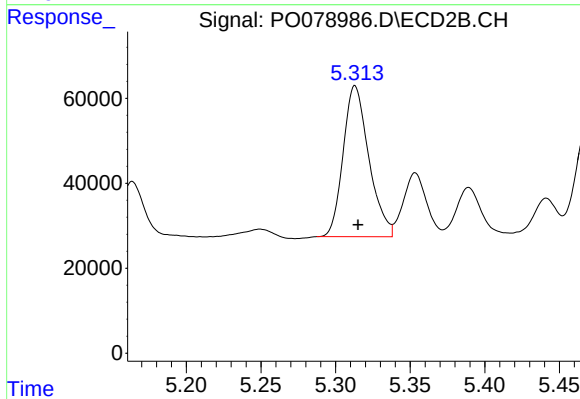
#23 AR-1248-3

R.T.: 5.132 min
Delta R.T.: -0.002 min
Response: 435442
Conc: 438.61 ng/ml



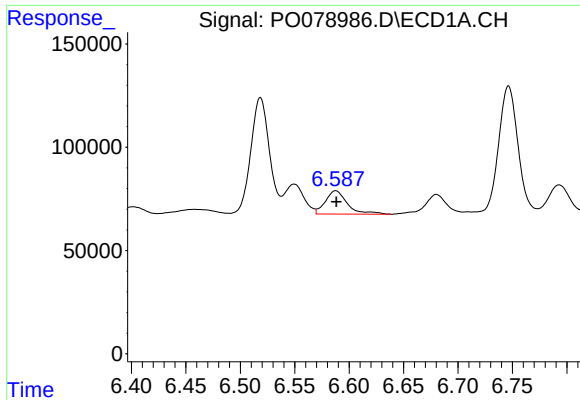
#24 AR-1248-4

R.T.: 6.549 min
Delta R.T.: -0.002 min
Response: 178055
Conc: 64.24 ng/ml



#24 AR-1248-4

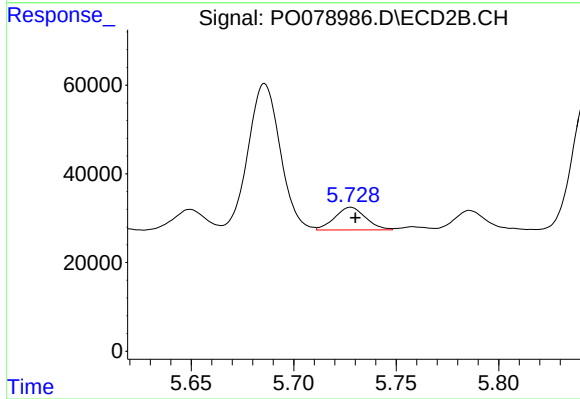
R.T.: 5.313 min
Delta R.T.: -0.002 min
Response: 426273
Conc: 363.03 ng/ml



#25 AR-1248-5

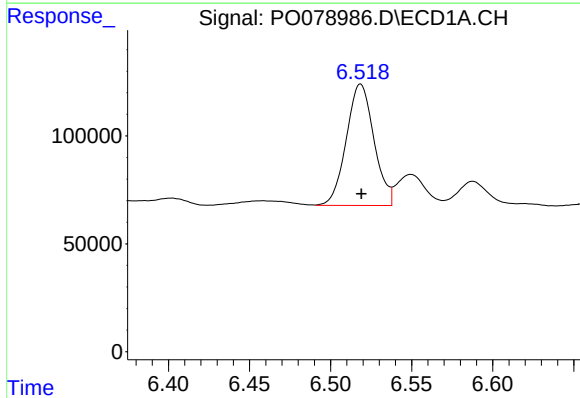
R.T.: 6.588 min
Delta R.T.: 0.000 min
Response: 159068
Conc: 58.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



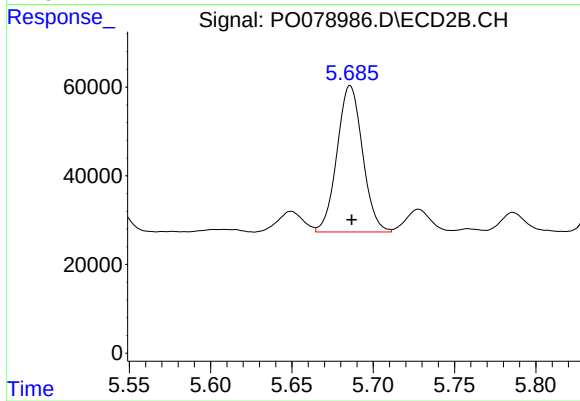
#25 AR-1248-5

R.T.: 5.728 min
Delta R.T.: -0.002 min
Response: 53772
Conc: 49.94 ng/ml



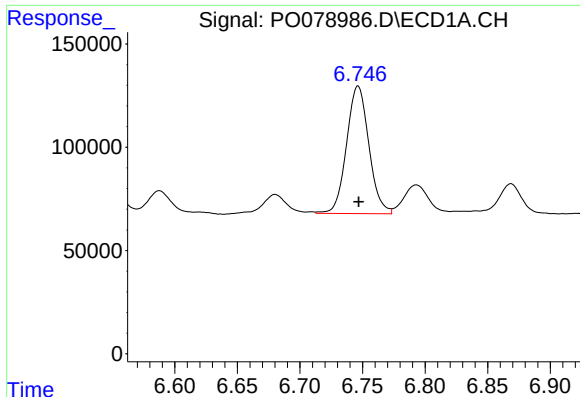
#26 AR-1254-1

R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 669148
Conc: 248.43 ng/ml



#26 AR-1254-1

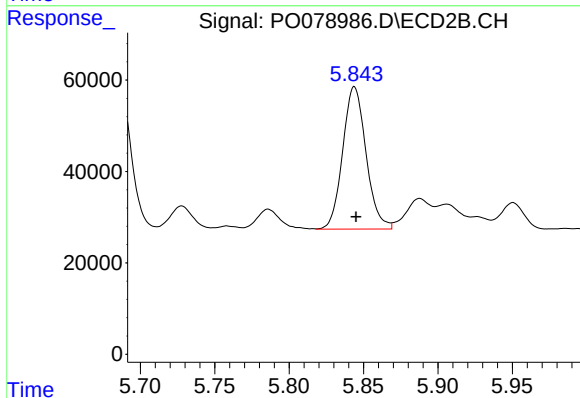
R.T.: 5.686 min
Delta R.T.: -0.001 min
Response: 360535
Conc: 217.01 ng/ml



#27 AR-1254-2

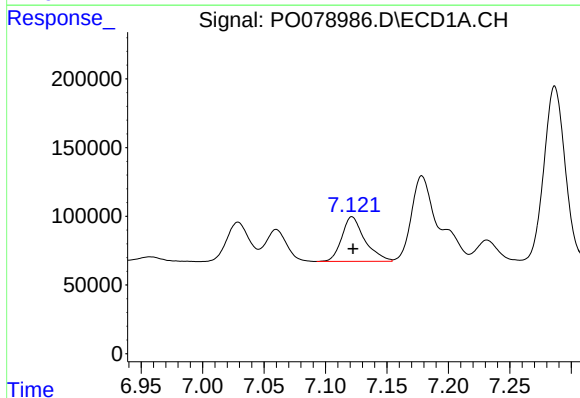
R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 767319
Conc: 182.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



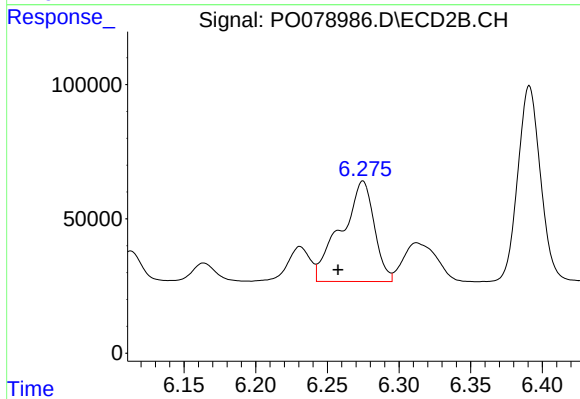
#27 AR-1254-2

R.T.: 5.844 min
Delta R.T.: -0.001 min
Response: 340875
Conc: 231.30 ng/ml



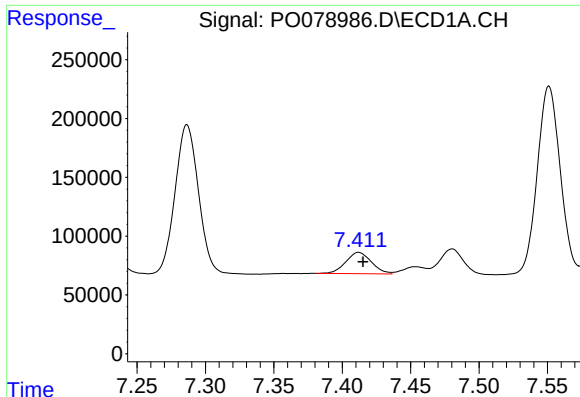
#28 AR-1254-3

R.T.: 7.122 min
Delta R.T.: 0.000 min
Response: 423234
Conc: 95.03 ng/ml



#28 AR-1254-3

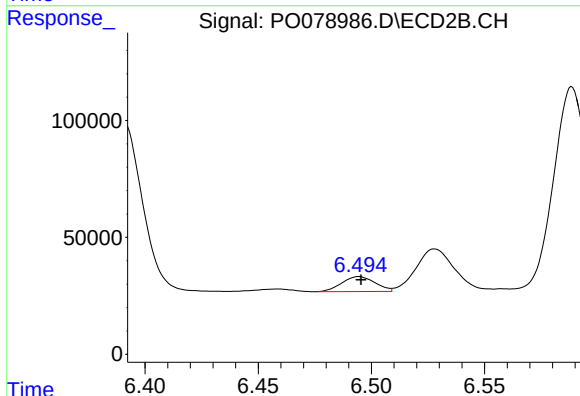
R.T.: 6.275 min
Delta R.T.: 0.017 min
Response: 600591
Conc: 270.02 ng/ml



#29 AR-1254-4

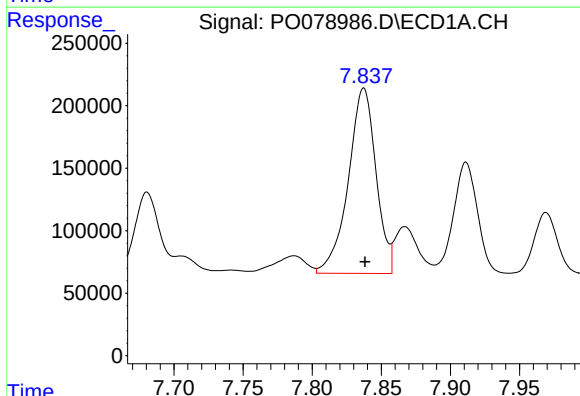
R.T.: 7.412 min
Delta R.T.: -0.003 min
Response: 236986
Conc: 77.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



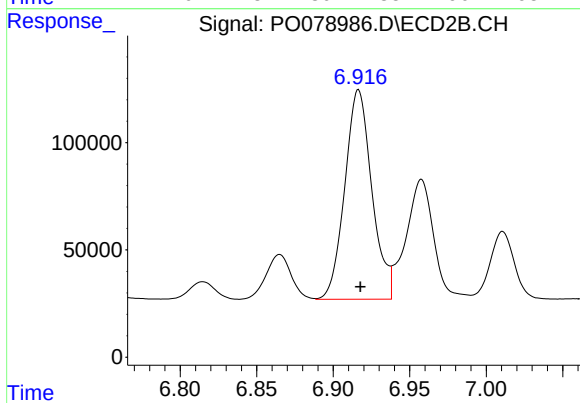
#29 AR-1254-4

R.T.: 6.495 min
Delta R.T.: 0.000 min
Response: 65496
Conc: 48.17 ng/ml



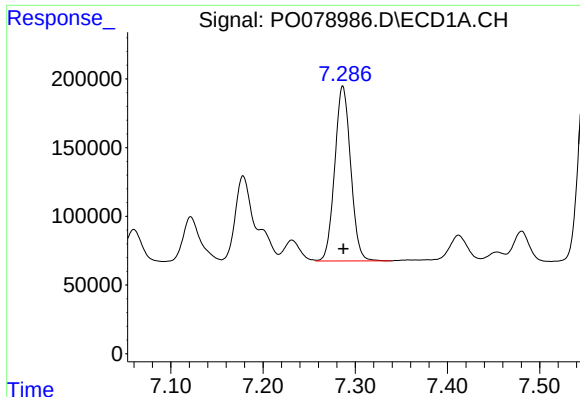
#30 AR-1254-5

R.T.: 7.837 min
Delta R.T.: -0.001 min
Response: 2071590
Conc: 634.61 ng/ml



#30 AR-1254-5

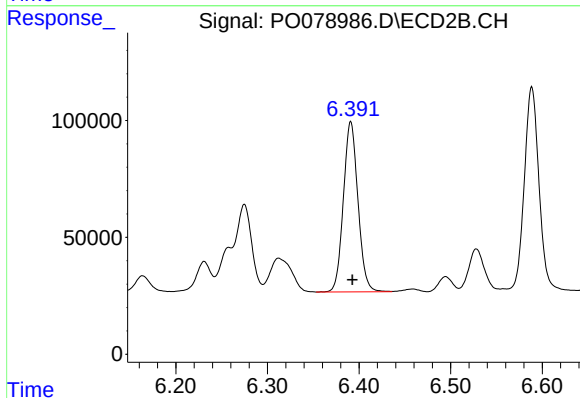
R.T.: 6.917 min
Delta R.T.: -0.001 min
Response: 1203643
Conc: 604.49 ng/ml



#31 AR-1260-1

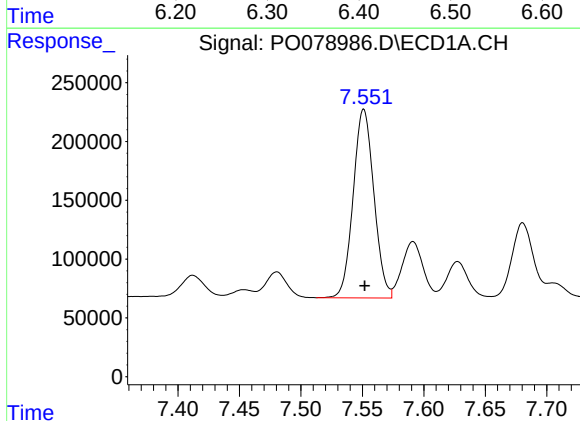
R.T.: 7.287 min
Delta R.T.: 0.000 min
Response: 1525928
Conc: 457.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



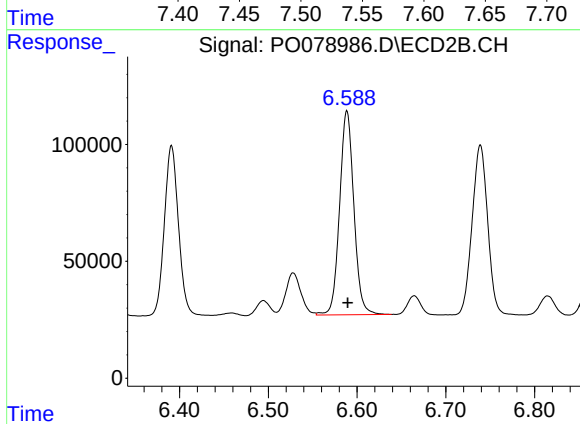
#31 AR-1260-1

R.T.: 6.391 min
Delta R.T.: -0.002 min
Response: 806451
Conc: 498.22 ng/ml



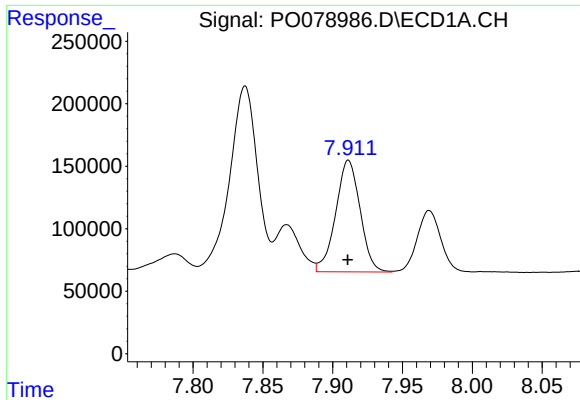
#32 AR-1260-2

R.T.: 7.551 min
Delta R.T.: 0.000 min
Response: 1882181
Conc: 484.27 ng/ml



#32 AR-1260-2

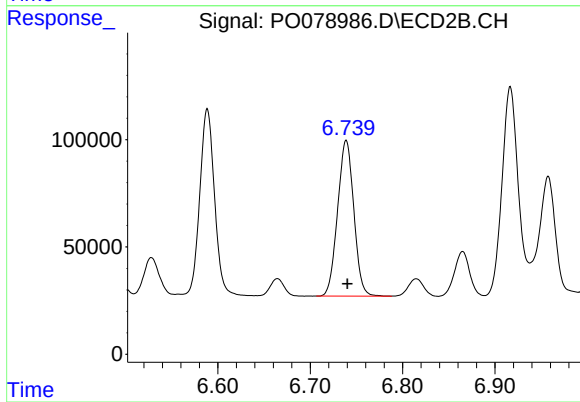
R.T.: 6.589 min
Delta R.T.: -0.001 min
Response: 974671
Conc: 502.99 ng/ml



#33 AR-1260-3

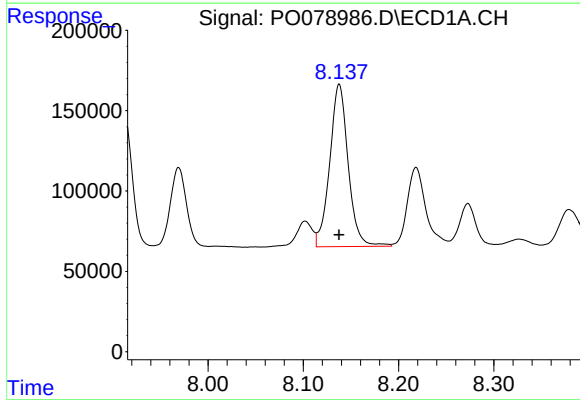
R.T.: 7.911 min
Delta R.T.: 0.000 min
Response: 1086119
Conc: 358.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



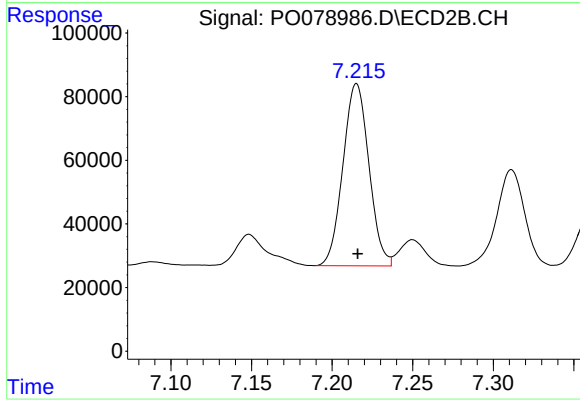
#33 AR-1260-3

R.T.: 6.739 min
Delta R.T.: -0.001 min
Response: 885730
Conc: 481.05 ng/ml



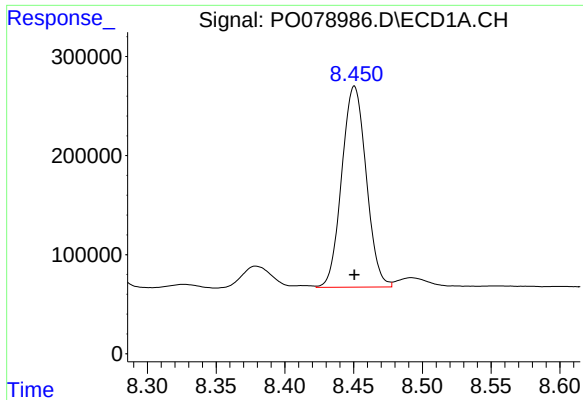
#34 AR-1260-4

R.T.: 8.138 min
Delta R.T.: 0.000 min
Response: 1361654
Conc: 415.83 ng/ml



#34 AR-1260-4

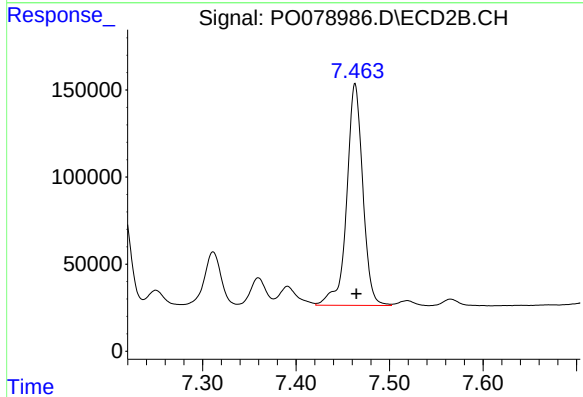
R.T.: 7.215 min
Delta R.T.: 0.000 min
Response: 641991
Conc: 421.40 ng/ml



#35 AR-1260-5

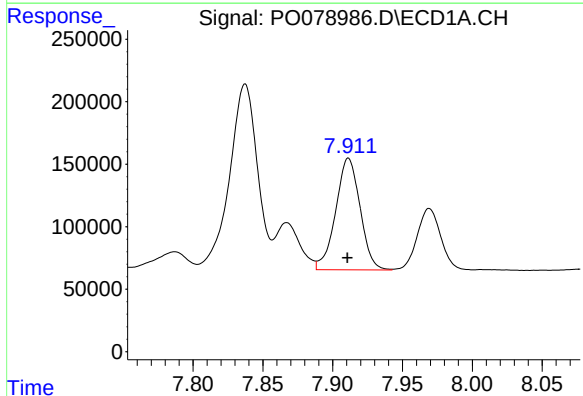
R.T.: 8.451 min
Delta R.T.: 0.000 min
Response: 2509817
Conc: 391.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



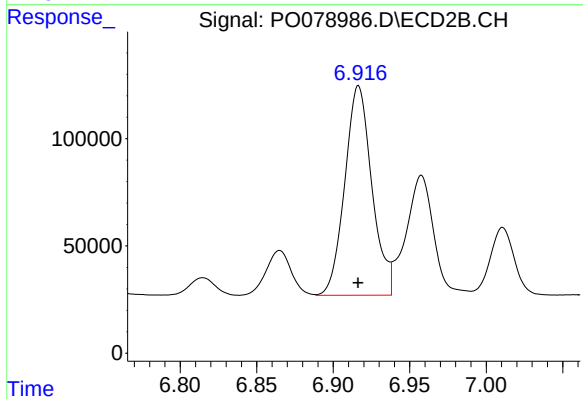
#35 AR-1260-5

R.T.: 7.463 min
Delta R.T.: -0.001 min
Response: 1525256
Conc: 430.73 ng/ml



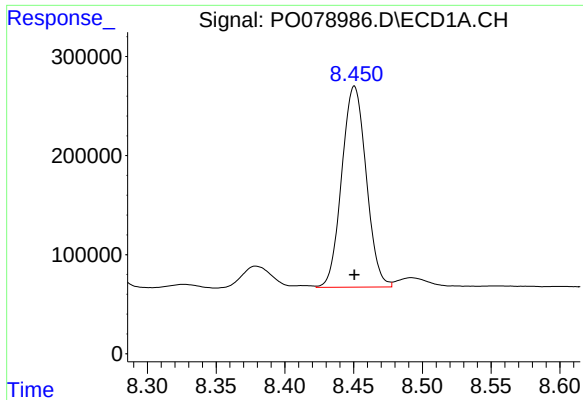
#36 AR-1262-1

R.T.: 7.911 min
Delta R.T.: 0.000 min
Response: 1086119
Conc: 264.36 ng/ml



#36 AR-1262-1

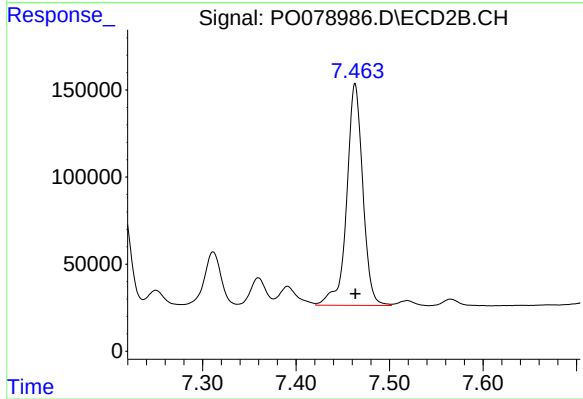
R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 1203643
Conc: 1154.64 ng/ml



#37 AR-1262-2

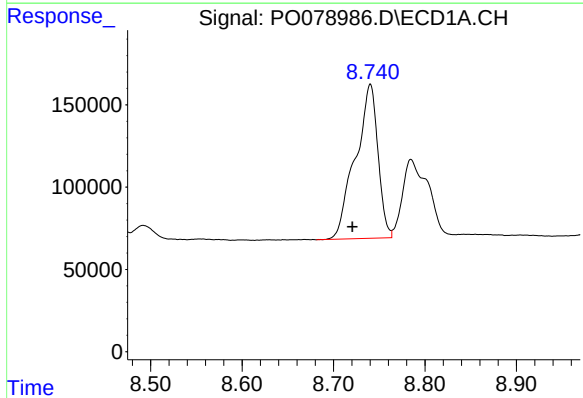
R.T.: 8.451 min
Delta R.T.: 0.000 min
Response: 2509817
Conc: 376.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



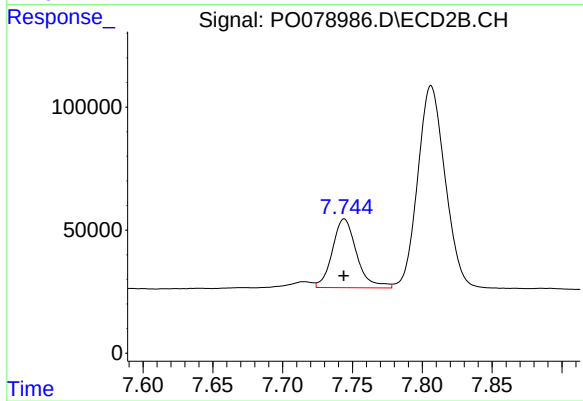
#37 AR-1262-2

R.T.: 7.463 min
Delta R.T.: 0.000 min
Response: 1525256
Conc: 432.22 ng/ml



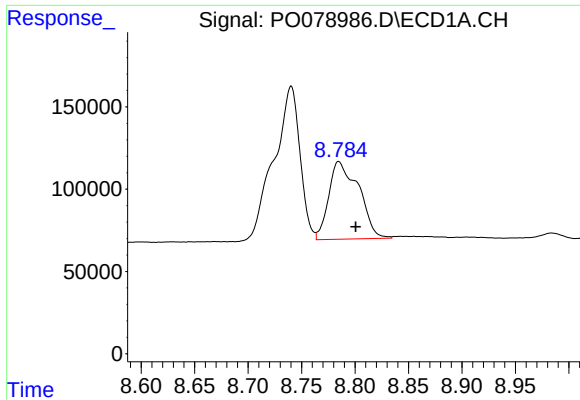
#38 AR-1262-3

R.T.: 8.740 min
Delta R.T.: 0.020 min
Response: 1599987
Conc: 350.26 ng/ml



#38 AR-1262-3

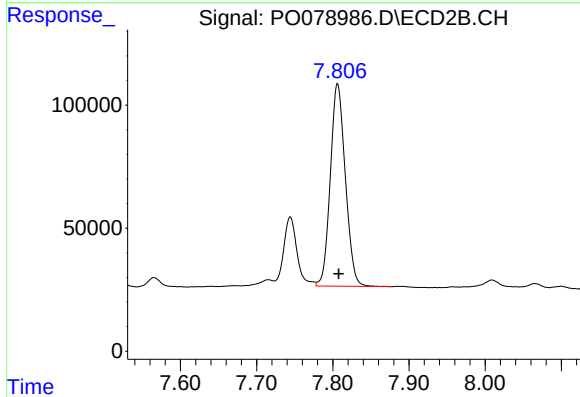
R.T.: 7.744 min
Delta R.T.: 0.000 min
Response: 338995
Conc: 236.49 ng/ml



#39 AR-1262-4

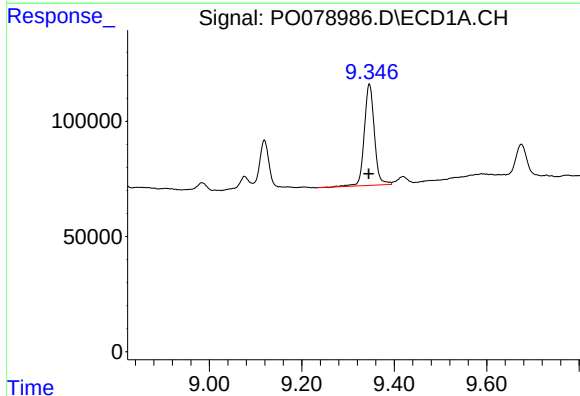
R.T.: 8.785 min
Delta R.T.: -0.015 min
Response: 921559
Conc: 247.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



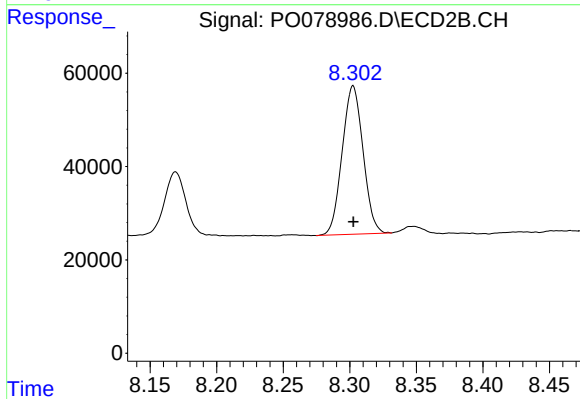
#39 AR-1262-4

R.T.: 7.806 min
Delta R.T.: -0.002 min
Response: 1126525
Conc: 418.85 ng/ml



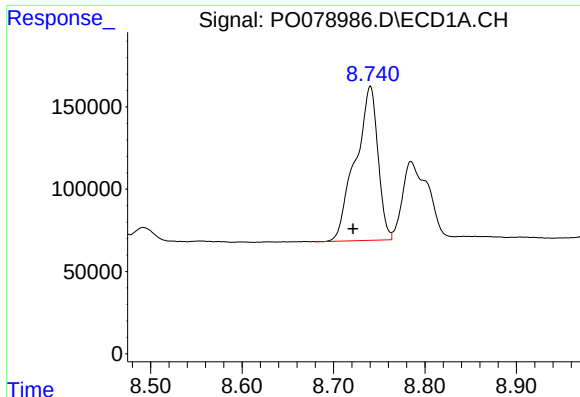
#40 AR-1262-5

R.T.: 9.346 min
Delta R.T.: 0.002 min
Response: 667726
Conc: 275.59 ng/ml



#40 AR-1262-5

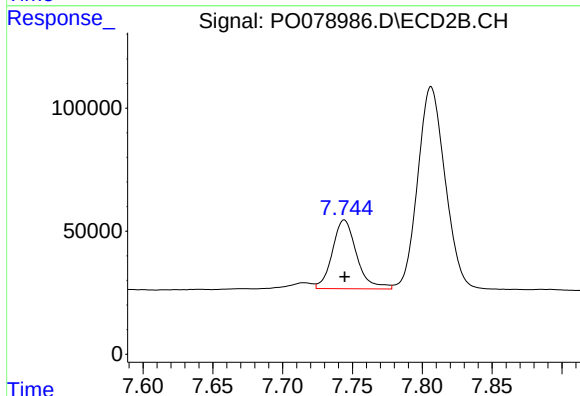
R.T.: 8.303 min
Delta R.T.: 0.000 min
Response: 347201
Conc: 286.68 ng/ml



#41 AR-1268-1

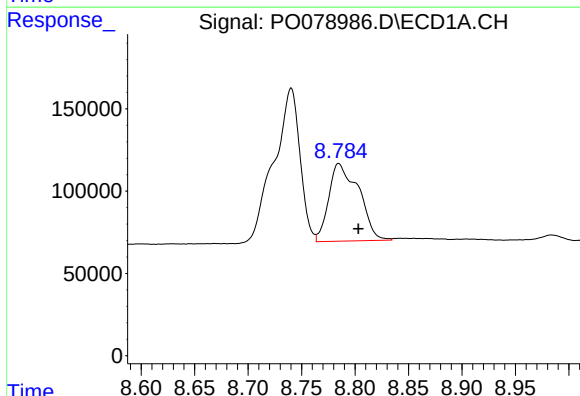
R.T.: 8.740 min
Delta R.T.: 0.019 min
Response: 1599987
Conc: 197.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



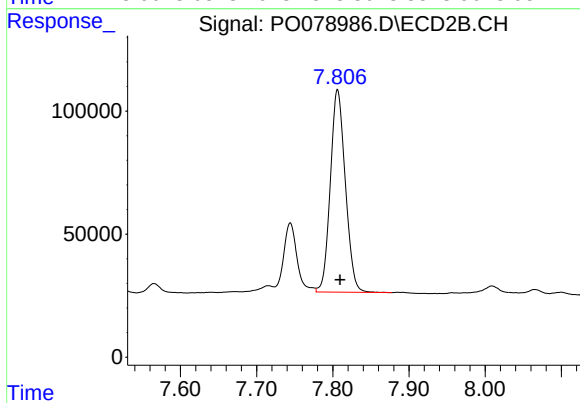
#41 AR-1268-1

R.T.: 7.744 min
Delta R.T.: 0.000 min
Response: 338995
Conc: 77.19 ng/ml



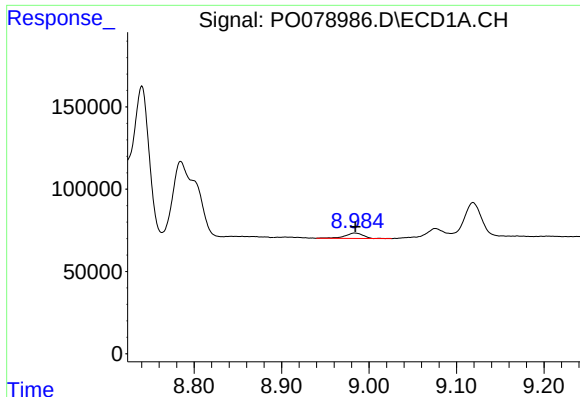
#42 AR-1268-2

R.T.: 8.785 min
Delta R.T.: -0.018 min
Response: 921559
Conc: 123.25 ng/ml



#42 AR-1268-2

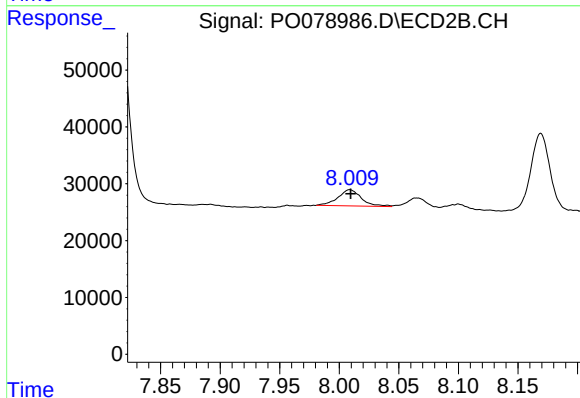
R.T.: 7.806 min
Delta R.T.: -0.003 min
Response: 1126525
Conc: 285.31 ng/ml



#43 AR-1268-3

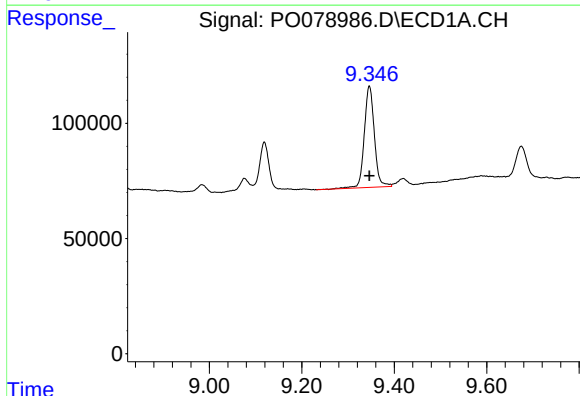
R.T.: 8.984 min
Delta R.T.: 0.000 min
Response: 47929
Conc: 7.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



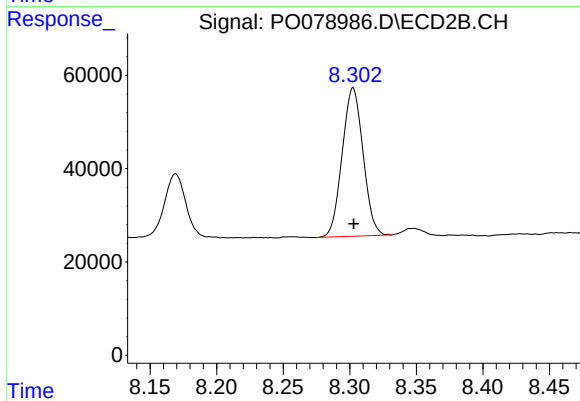
#43 AR-1268-3

R.T.: 8.009 min
Delta R.T.: 0.000 min
Response: 39333
Conc: 11.55 ng/ml



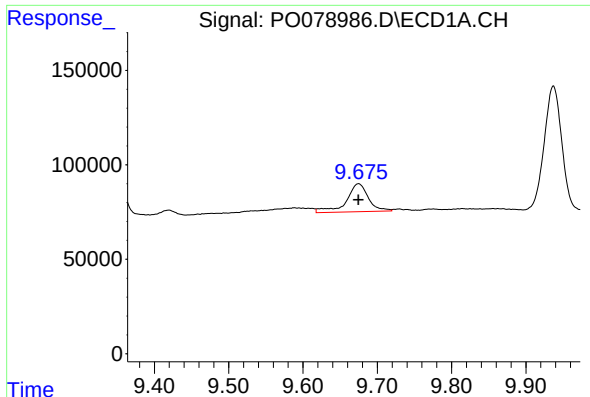
#44 AR-1268-4

R.T.: 9.346 min
Delta R.T.: 0.000 min
Response: 667726
Conc: 259.42 ng/ml



#44 AR-1268-4

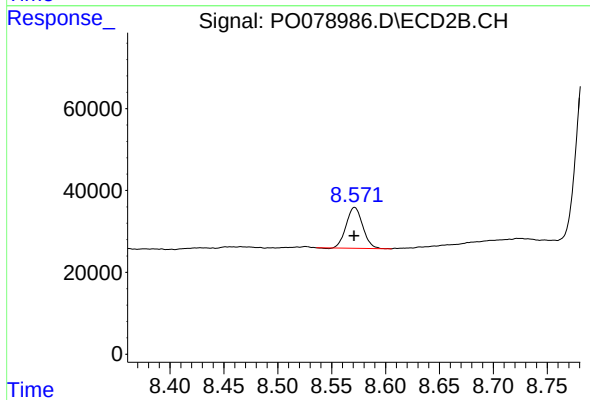
R.T.: 8.303 min
Delta R.T.: 0.000 min
Response: 347201
Conc: 242.93 ng/ml



#45 AR-1268-5

R.T.: 9.675 min
Delta R.T.: 0.000 min
Response: 304985
Conc: 15.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.571 min
Delta R.T.: 0.000 min
Response: 106439
Conc: 10.33 ng/ml