

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0032420\
 Data File : P0067436.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Mar 2020 17:37
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 24 17:52:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031920.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Mar 19 16:36:53 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...	4.940	3.949	1185615	1815743	55.784	51.940
2)	SA Decachlor...	10.922	9.242	1412513	1807974	49.160	46.351
Target Compounds							
3)	L1 AR-1016-1	6.259	5.206	505545	771625	558.687	504.431
4)	L1 AR-1016-2	6.283	5.227	695548	1020433	558.255	505.808
5)	L1 AR-1016-3	6.349	5.417	432448	567582	552.079	508.570
6)	L1 AR-1016-4	6.456	5.470	352830	465447	554.717	500.445
7)	L1 AR-1016-5	6.770	5.698	360345	596630	557.695	503.140
8)	L2 AR-1221-1	0.000	4.206	0	70008	N.D.	165.948 #
9)	L2 AR-1221-2	0.000	4.306	0	99191	N.D.	310.550 #
10)	L2 AR-1221-3	5.375	4.395	242039	374994	414.066	380.398
11)	L3 AR-1232-1	5.375	4.395	242039	374994	563.884	518.160
12)	L3 AR-1232-2	5.964	5.227	345658	1020433	1482.429	1390.872
13)	L3 AR-1232-3	6.283	5.417	695548	567582	1652.707	1452.486
14)	L3 AR-1232-4	6.456	5.514	352830	561005	1628.735	1570.620
15)	L3 AR-1232-5	6.554	5.698	296491	596630	1840.231	1518.074
16)	L4 AR-1242-1	6.259	5.206	505545	771625	740.083	661.069
17)	L4 AR-1242-2	6.283	5.227	695548	1020433	748.727	666.378
18)	L4 AR-1242-3	6.349	5.417	432448	567582	729.866	672.729
19)	L4 AR-1242-4	6.456	5.514	352830	561005	738.455	663.491
20)	L4 AR-1242-5	0.000	6.078	0	443087	N.D.	414.339 #
21)	L5 AR-1248-1	6.259	5.206	505545	771625	1118.816	973.438
22)	L5 AR-1248-2	6.554	5.470	296491	465447	491.788	451.126
23)	L5 AR-1248-3	6.770	5.514	360345	561005	510.310	533.029
24)	L5 AR-1248-4	7.167	5.698	198854	596630	239.431	471.767 #
25)	L5 AR-1248-5	0.000	6.120	0	84266	N.D.	67.176 #
26)	L6 AR-1254-1	7.167	6.078	198854	443087	236.374	227.568
27)	L6 AR-1254-2	7.396	6.238	275642	410733	205.554	238.291
28)	L6 AR-1254-3	7.776	6.658	168291	236847	116.128	84.447 #
29)	L6 AR-1254-4	8.070	6.896	125554	136359	111.063	74.103 #
30)	L6 AR-1254-5	8.497	7.324	948548	1478463	769.218	595.854
31)	L7 AR-1260-1	7.942	6.795	670345	1048319	552.554	489.231
32)	L7 AR-1260-2	8.207	6.993	815237	1296004	544.428	490.458
33)	L7 AR-1260-3	8.570	7.147	624766	1204713	541.934	493.647
34)	L7 AR-1260-4	8.800	7.630	724916	1045084	539.769	492.360
35)	L7 AR-1260-5	9.123	7.876	1434177	2448995	504.710	491.238
36)	L8 AR-1262-1	8.570	7.324	624766	1478463	429.046	1028.937 #
37)	L8 AR-1262-2	9.123	7.876	1434177	2448995	518.961	530.535
38)	L8 AR-1262-3	9.453	8.163	957783	611105	492.735	306.082 #
39)	L8 AR-1262-4	9.504	8.224	600185	1820225	409.932	518.728 #
40)	L8 AR-1262-5	10.182	8.722	449815	693061	412.009	407.965
41)	L9 AR-1268-1	9.453	8.163	957783	611105	292.696	115.160 #

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 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

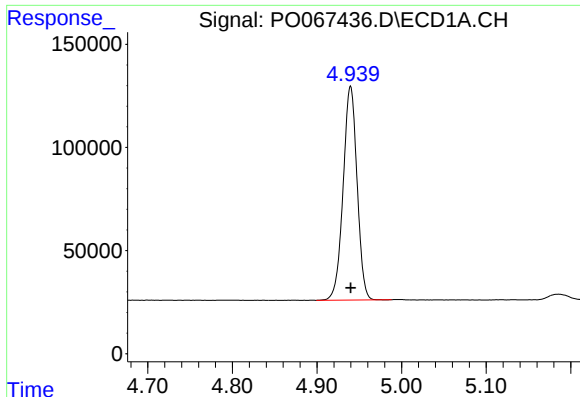
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 24 17:52:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031920.M
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 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.504	8.224	600185	1820225	196.556	382.687 #
43) L9	AR-1268-3	0.000	8.436	0	46257	N.D.	11.809 #
44) L9	AR-1268-4	10.182	8.722	449815	693061	370.608	370.594
45) L9	AR-1268-5	10.591	9.000	120474	194971	13.493	16.146

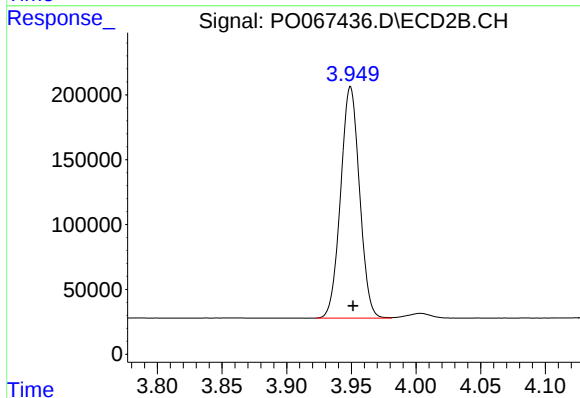
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

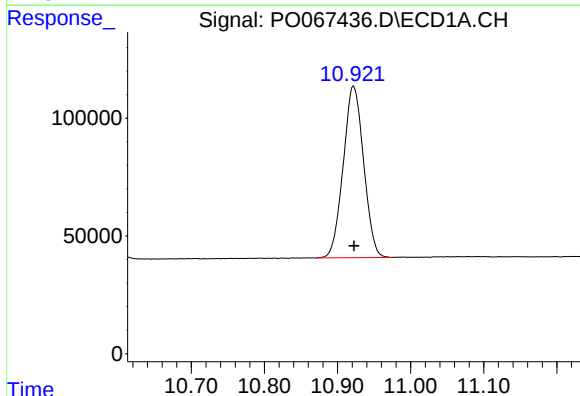
R.T.: 4.940 min
Delta R.T.: 0.000 min
Response: 1185615
Conc: 55.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



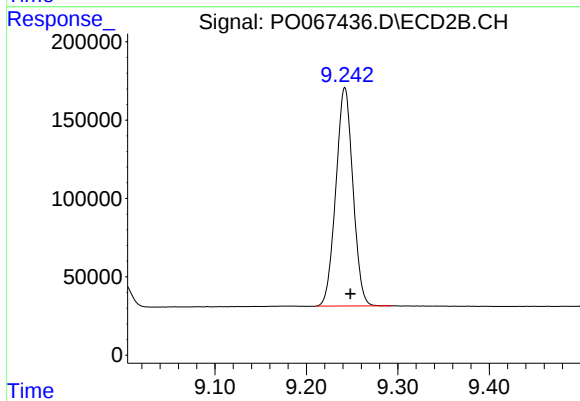
#1 Tetrachloro-m-xylene

R.T.: 3.949 min
Delta R.T.: -0.002 min
Response: 1815743
Conc: 51.94 ng/ml



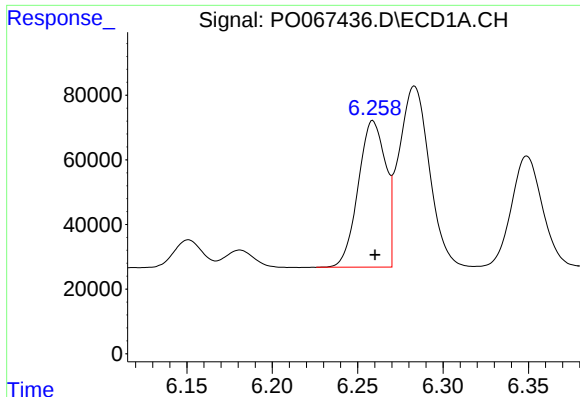
#2 Decachlorobiphenyl

R.T.: 10.922 min
Delta R.T.: -0.001 min
Response: 1412513
Conc: 49.16 ng/ml



#2 Decachlorobiphenyl

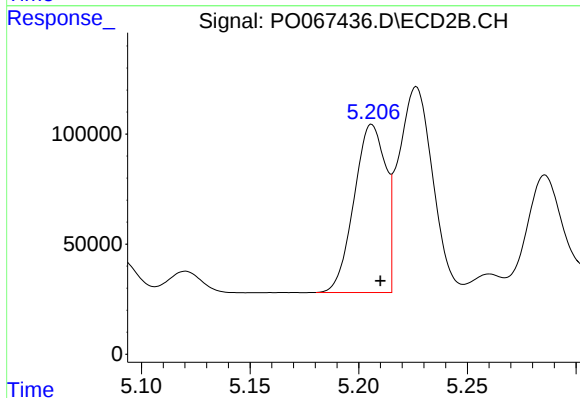
R.T.: 9.242 min
Delta R.T.: -0.006 min
Response: 1807974
Conc: 46.35 ng/ml



#3 AR-1016-1

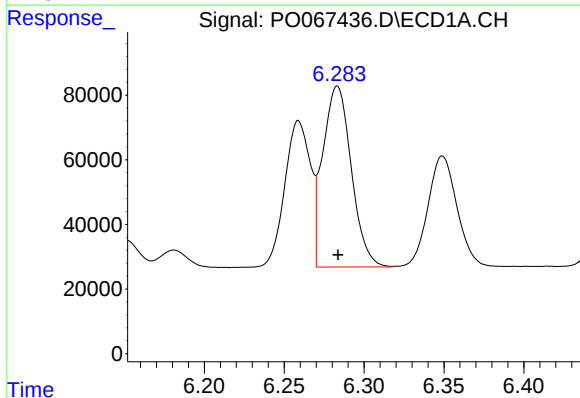
R.T.: 6.259 min
Delta R.T.: -0.001 min
Response: 505545
Conc: 558.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



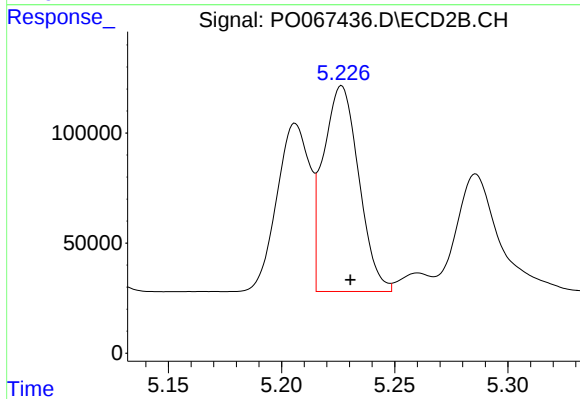
#3 AR-1016-1

R.T.: 5.206 min
Delta R.T.: -0.004 min
Response: 771625
Conc: 504.43 ng/ml



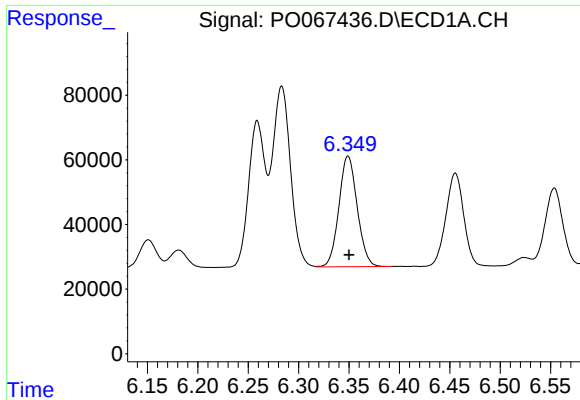
#4 AR-1016-2

R.T.: 6.283 min
Delta R.T.: 0.000 min
Response: 695548
Conc: 558.26 ng/ml



#4 AR-1016-2

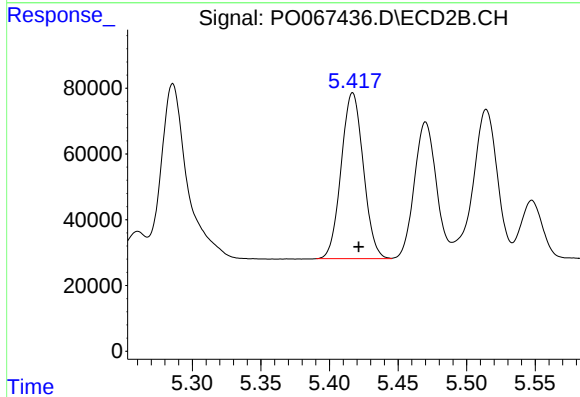
R.T.: 5.227 min
Delta R.T.: -0.004 min
Response: 1020433
Conc: 505.81 ng/ml



#5 AR-1016-3

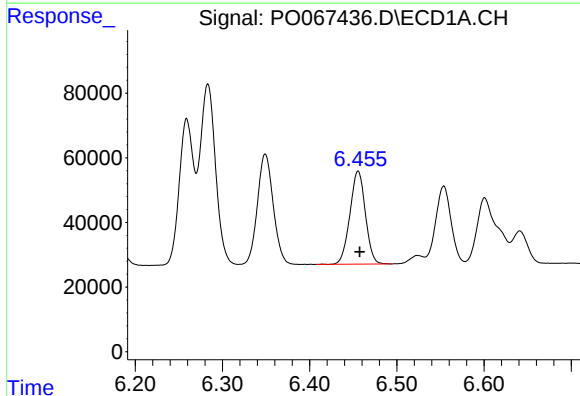
R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 432448
Conc: 552.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



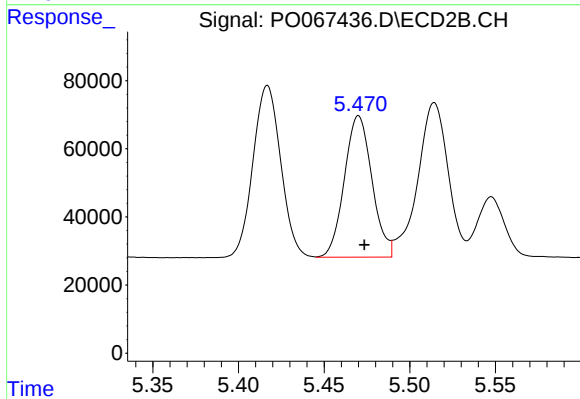
#5 AR-1016-3

R.T.: 5.417 min
Delta R.T.: -0.004 min
Response: 567582
Conc: 508.57 ng/ml



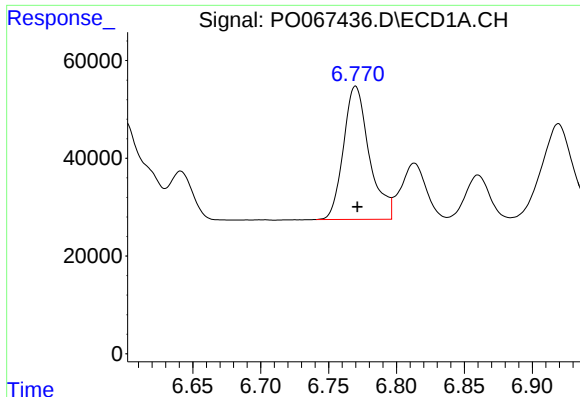
#6 AR-1016-4

R.T.: 6.456 min
Delta R.T.: -0.002 min
Response: 352830
Conc: 554.72 ng/ml



#6 AR-1016-4

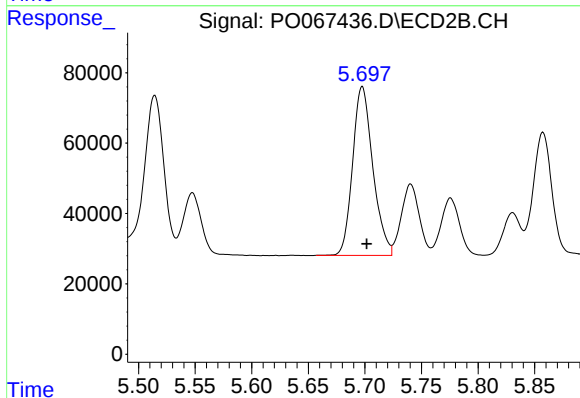
R.T.: 5.470 min
Delta R.T.: -0.003 min
Response: 465447
Conc: 500.44 ng/ml



#7 AR-1016-5

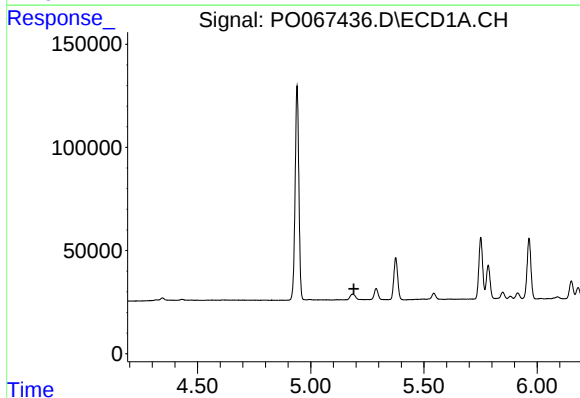
R.T.: 6.770 min
Delta R.T.: -0.001 min
Response: 360345
Conc: 557.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



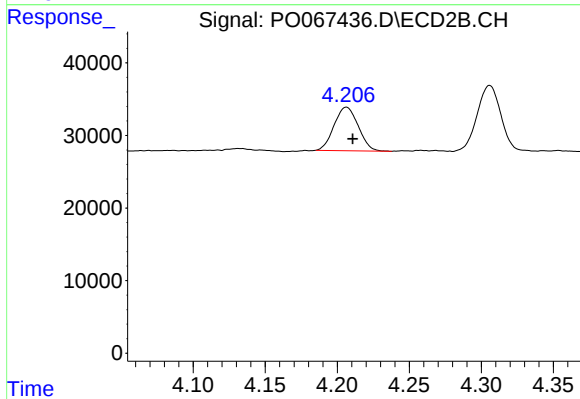
#7 AR-1016-5

R.T.: 5.698 min
Delta R.T.: -0.004 min
Response: 596630
Conc: 503.14 ng/ml



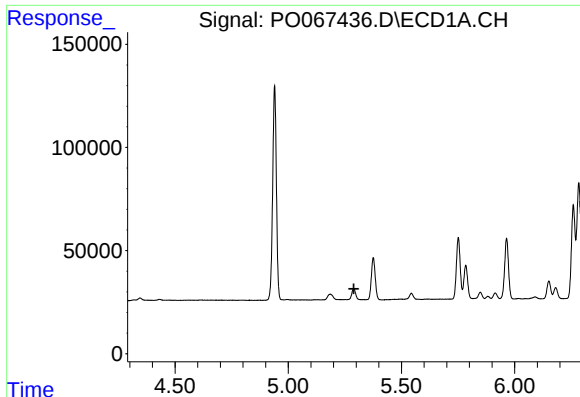
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.191 min
Response: 0
Conc: N.D.



#8 AR-1221-1

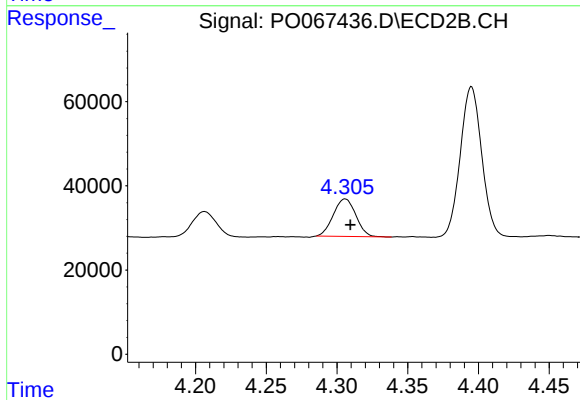
R.T.: 4.206 min
Delta R.T.: -0.004 min
Response: 70008
Conc: 165.95 ng/ml



#9 AR-1221-2

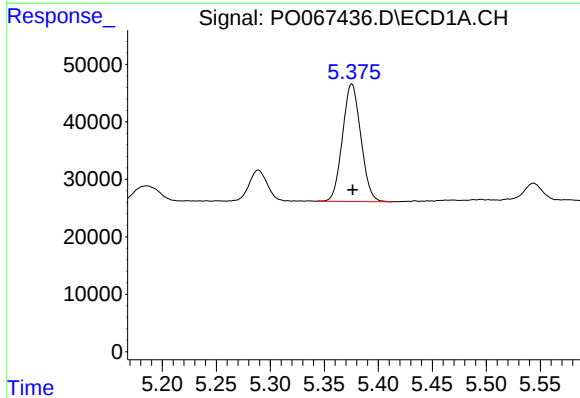
R.T.: 0.000 min
Exp R.T.: 5.290 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



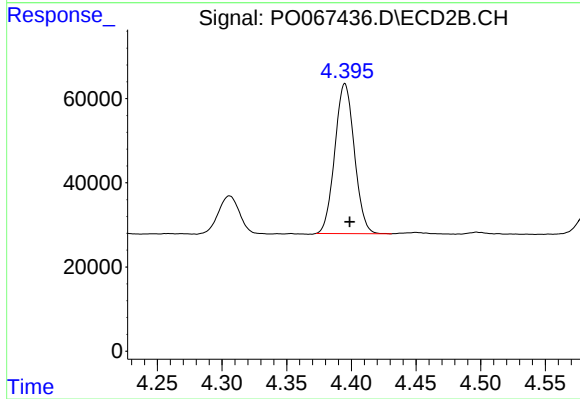
#9 AR-1221-2

R.T.: 4.306 min
Delta R.T.: -0.004 min
Response: 99191
Conc: 310.55 ng/ml



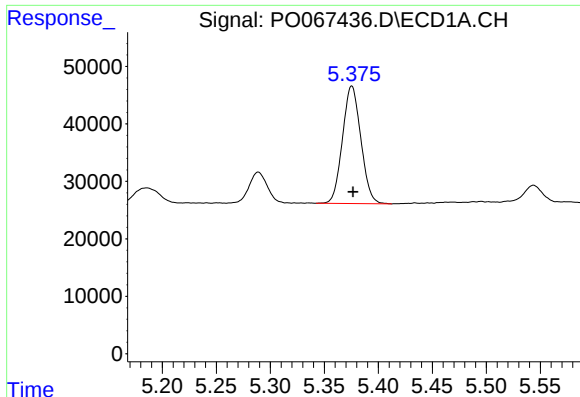
#10 AR-1221-3

R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 242039
Conc: 414.07 ng/ml



#10 AR-1221-3

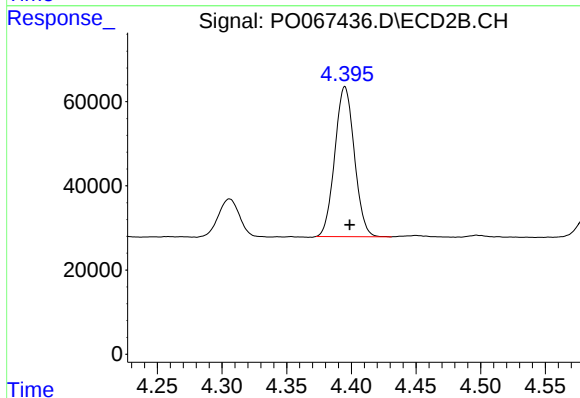
R.T.: 4.395 min
Delta R.T.: -0.004 min
Response: 374994
Conc: 380.40 ng/ml



#11 AR-1232-1

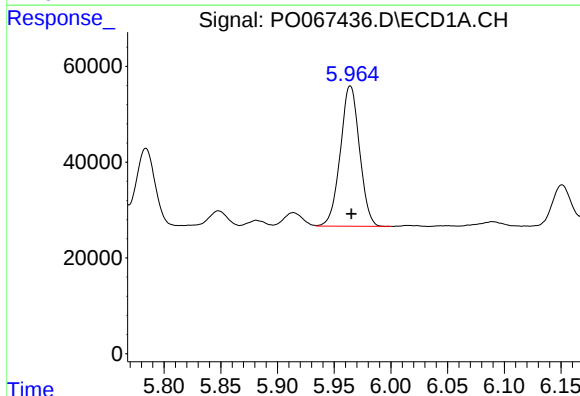
R.T.: 5.375 min
Delta R.T.: -0.001 min
Response: 242039
Conc: 563.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



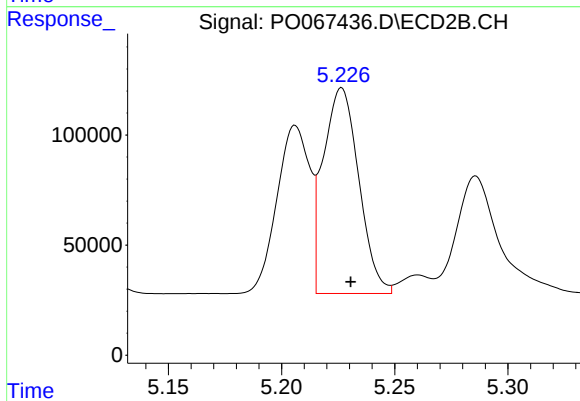
#11 AR-1232-1

R.T.: 4.395 min
Delta R.T.: -0.004 min
Response: 374994
Conc: 518.16 ng/ml



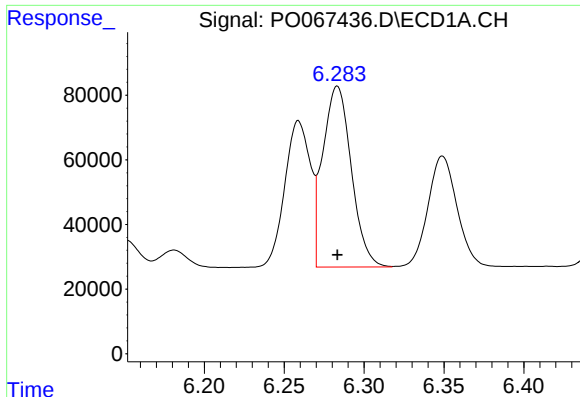
#12 AR-1232-2

R.T.: 5.964 min
Delta R.T.: 0.000 min
Response: 345658
Conc: 1482.43 ng/ml



#12 AR-1232-2

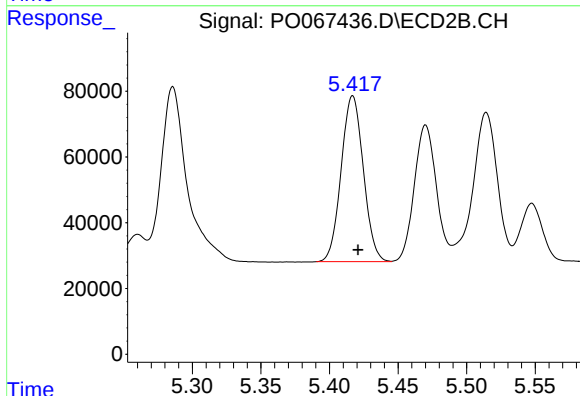
R.T.: 5.227 min
Delta R.T.: -0.004 min
Response: 1020433
Conc: 1390.87 ng/ml



#13 AR-1232-3

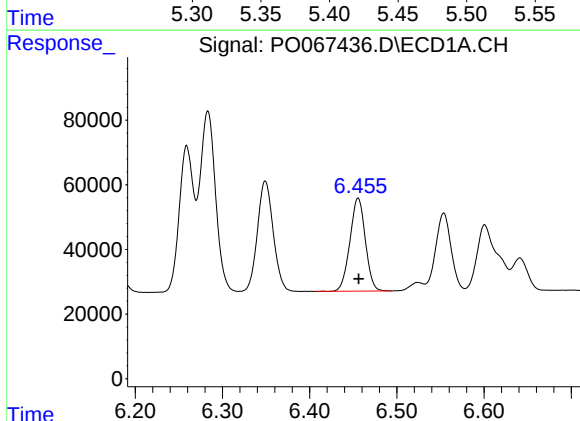
R.T.: 6.283 min
Delta R.T.: 0.000 min
Response: 695548
Conc: 1652.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



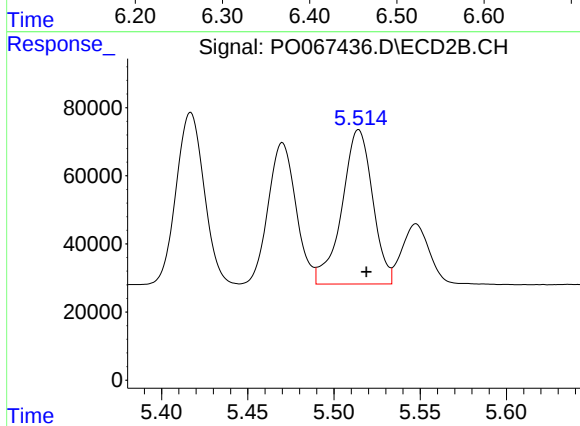
#13 AR-1232-3

R.T.: 5.417 min
Delta R.T.: -0.004 min
Response: 567582
Conc: 1452.49 ng/ml



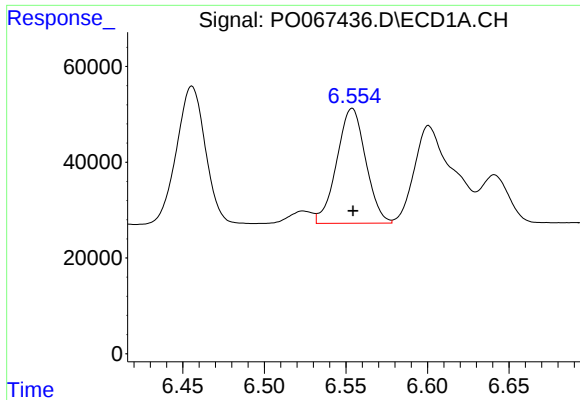
#14 AR-1232-4

R.T.: 6.456 min
Delta R.T.: 0.000 min
Response: 352830
Conc: 1628.74 ng/ml



#14 AR-1232-4

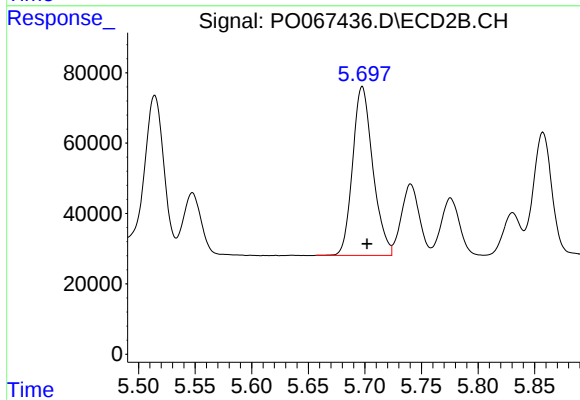
R.T.: 5.514 min
Delta R.T.: -0.004 min
Response: 561005
Conc: 1570.62 ng/ml



#15 AR-1232-5

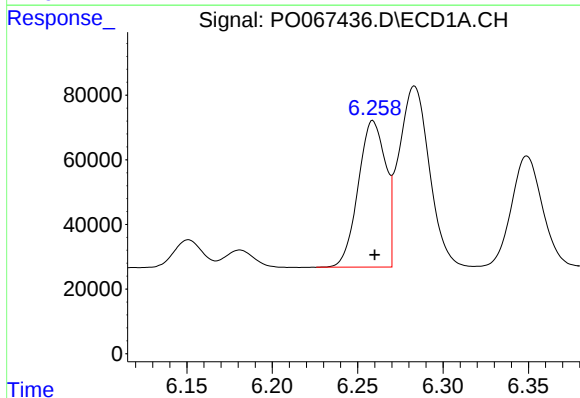
R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 296491
Conc: 1840.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



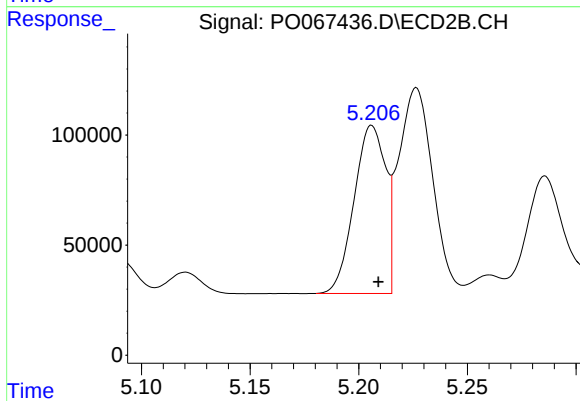
#15 AR-1232-5

R.T.: 5.698 min
Delta R.T.: -0.004 min
Response: 596630
Conc: 1518.07 ng/ml



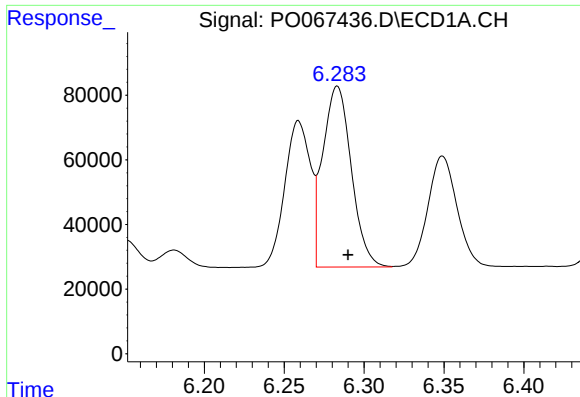
#16 AR-1242-1

R.T.: 6.259 min
Delta R.T.: 0.000 min
Response: 505545
Conc: 740.08 ng/ml



#16 AR-1242-1

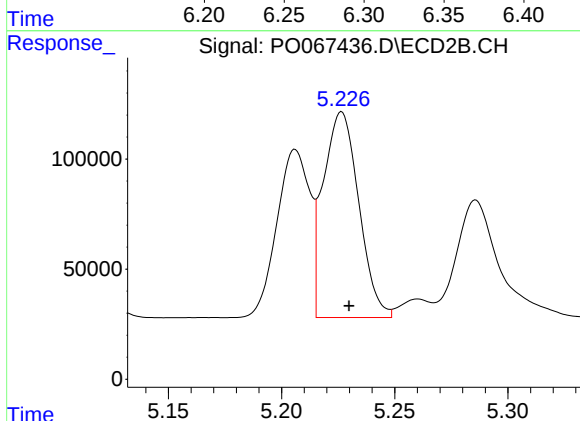
R.T.: 5.206 min
Delta R.T.: -0.003 min
Response: 771625
Conc: 661.07 ng/ml



#17 AR-1242-2

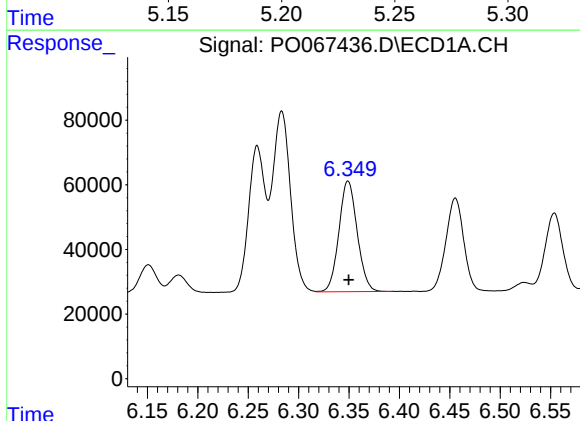
R.T.: 6.283 min
Delta R.T.: -0.007 min
Response: 695548
Conc: 748.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



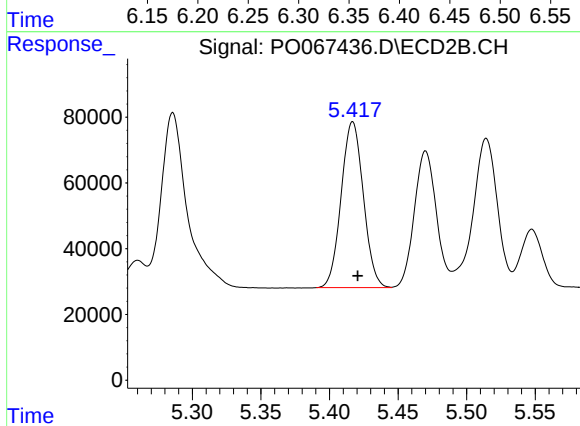
#17 AR-1242-2

R.T.: 5.227 min
Delta R.T.: -0.003 min
Response: 1020433
Conc: 666.38 ng/ml



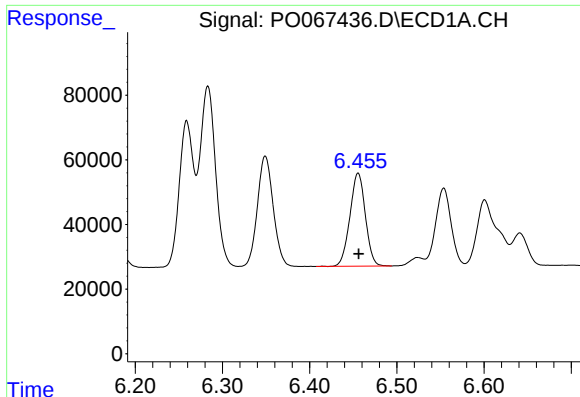
#18 AR-1242-3

R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 432448
Conc: 729.87 ng/ml



#18 AR-1242-3

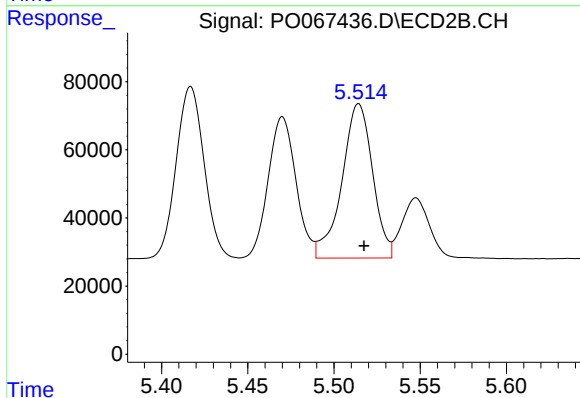
R.T.: 5.417 min
Delta R.T.: -0.004 min
Response: 567582
Conc: 672.73 ng/ml



#19 AR-1242-4

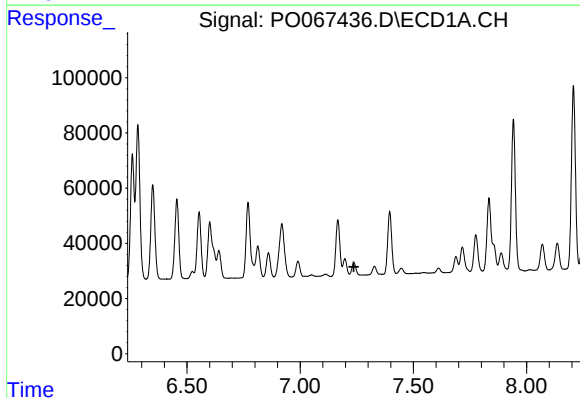
R.T.: 6.456 min
Delta R.T.: 0.000 min
Response: 352830
Conc: 738.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



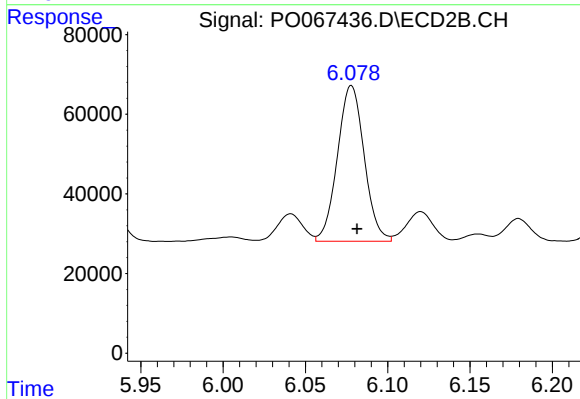
#19 AR-1242-4

R.T.: 5.514 min
Delta R.T.: -0.003 min
Response: 561005
Conc: 663.49 ng/ml



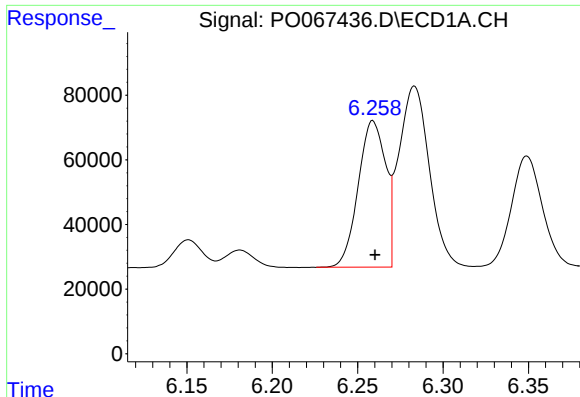
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 7.237 min
Response: 0
Conc: N.D.



#20 AR-1242-5

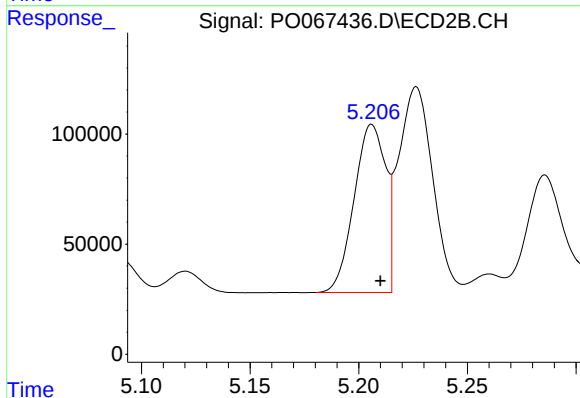
R.T.: 6.078 min
Delta R.T.: -0.003 min
Response: 443087
Conc: 414.34 ng/ml



#21 AR-1248-1

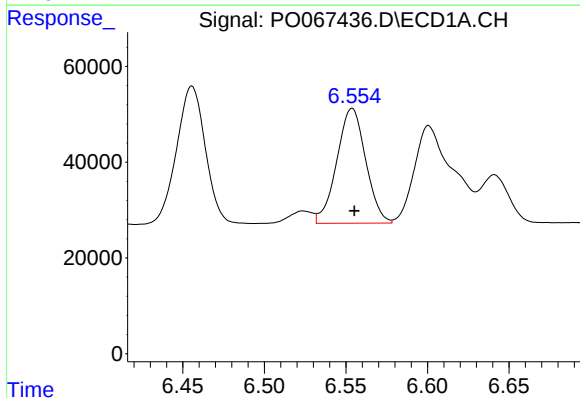
R.T.: 6.259 min
Delta R.T.: -0.001 min
Response: 505545
Conc: 1118.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



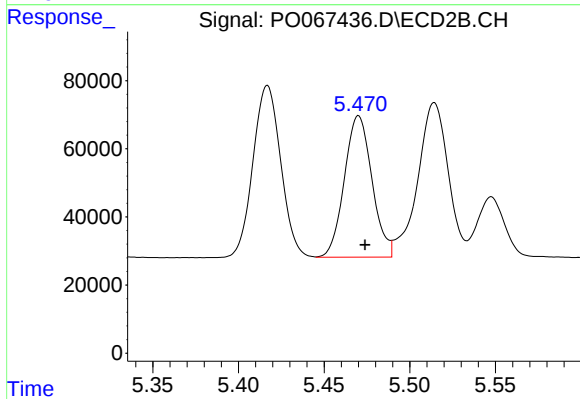
#21 AR-1248-1

R.T.: 5.206 min
Delta R.T.: -0.004 min
Response: 771625
Conc: 973.44 ng/ml



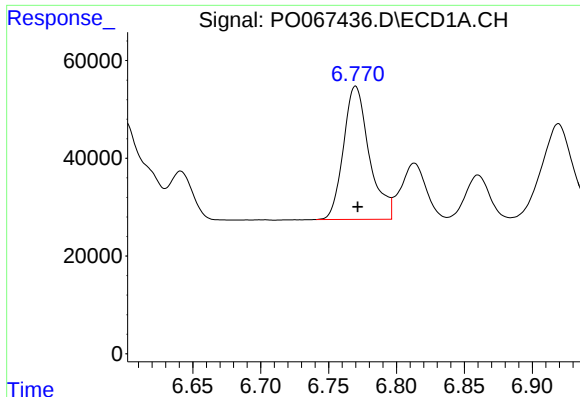
#22 AR-1248-2

R.T.: 6.554 min
Delta R.T.: -0.001 min
Response: 296491
Conc: 491.79 ng/ml



#22 AR-1248-2

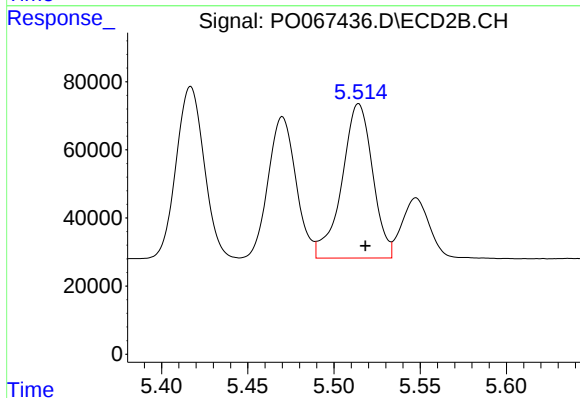
R.T.: 5.470 min
Delta R.T.: -0.004 min
Response: 465447
Conc: 451.13 ng/ml



#23 AR-1248-3

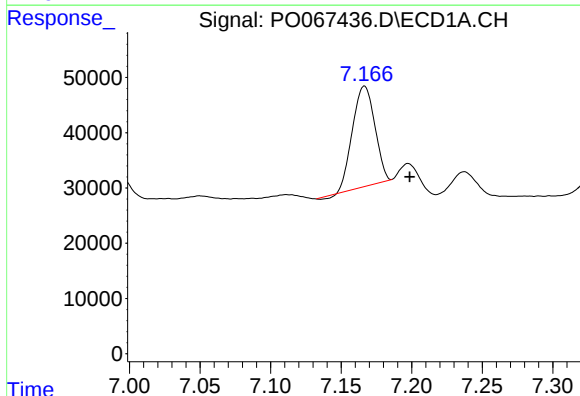
R.T.: 6.770 min
Delta R.T.: -0.002 min
Response: 360345
Conc: 510.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



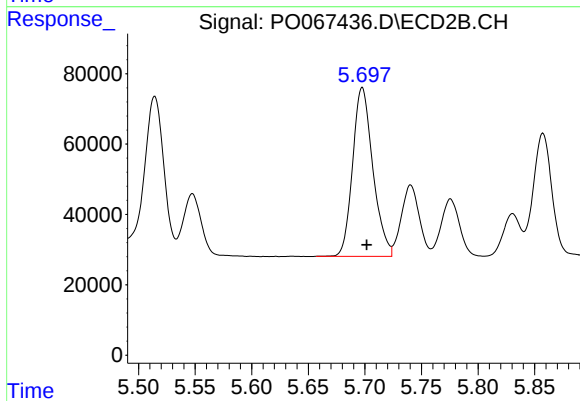
#23 AR-1248-3

R.T.: 5.514 min
Delta R.T.: -0.004 min
Response: 561005
Conc: 533.03 ng/ml



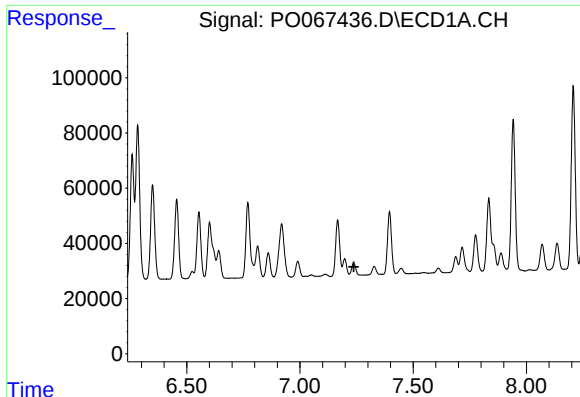
#24 AR-1248-4

R.T.: 7.167 min
Delta R.T.: -0.032 min
Response: 198854
Conc: 239.43 ng/ml



#24 AR-1248-4

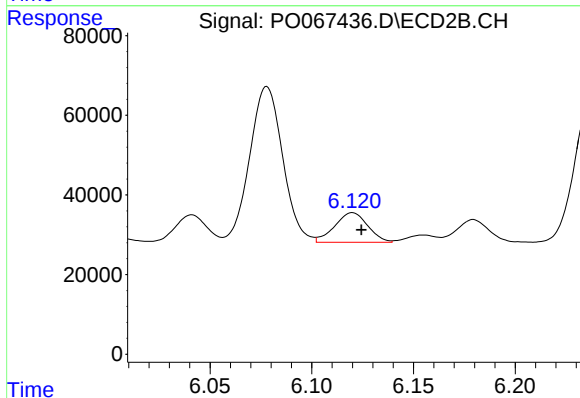
R.T.: 5.698 min
Delta R.T.: -0.004 min
Response: 596630
Conc: 471.77 ng/ml



#25 AR-1248-5

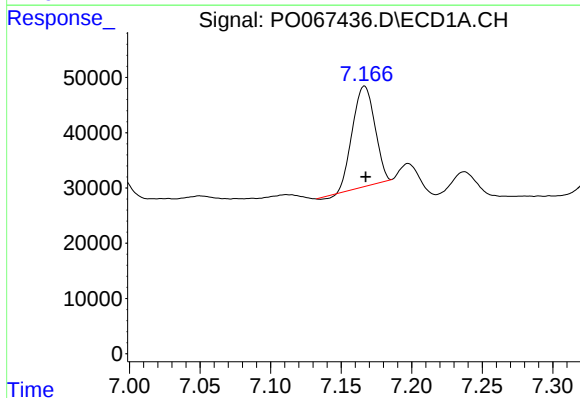
R.T.: 0.000 min
Exp R.T.: 7.238 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



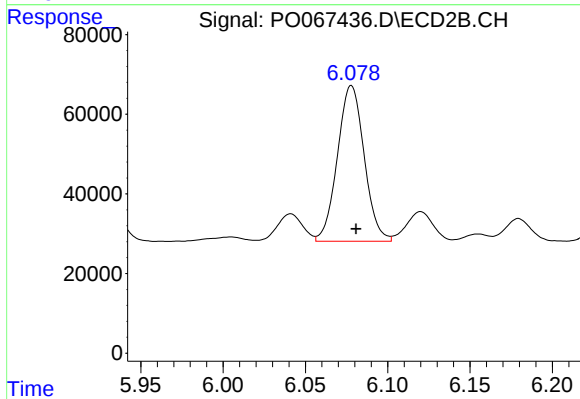
#25 AR-1248-5

R.T.: 6.120 min
Delta R.T.: -0.004 min
Response: 84266
Conc: 67.18 ng/ml



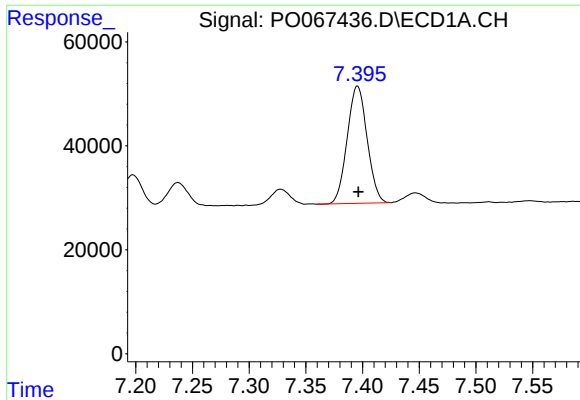
#26 AR-1254-1

R.T.: 7.167 min
Delta R.T.: 0.000 min
Response: 198854
Conc: 236.37 ng/ml



#26 AR-1254-1

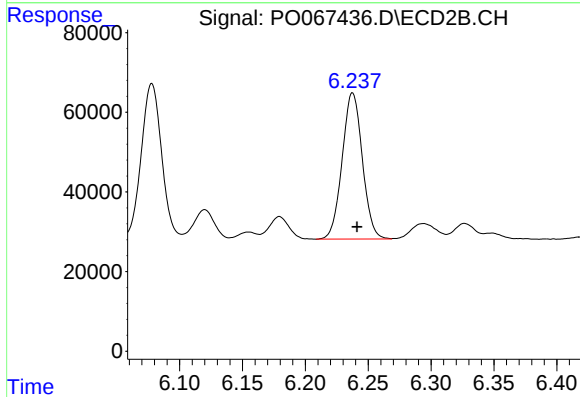
R.T.: 6.078 min
Delta R.T.: -0.003 min
Response: 443087
Conc: 227.57 ng/ml



#27 AR-1254-2

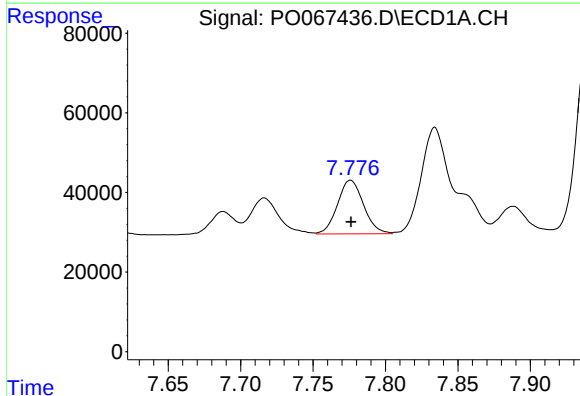
R.T.: 7.396 min
Delta R.T.: 0.000 min
Response: 275642
Conc: 205.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



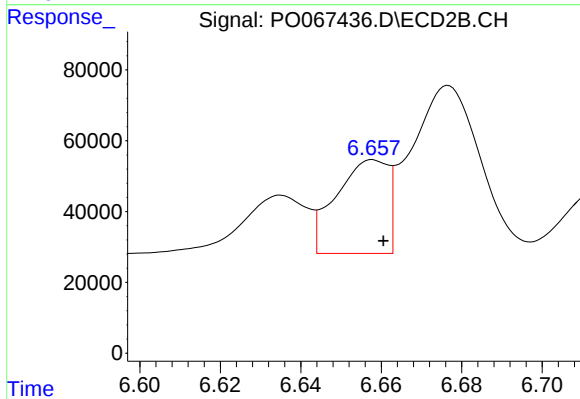
#27 AR-1254-2

R.T.: 6.238 min
Delta R.T.: -0.003 min
Response: 410733
Conc: 238.29 ng/ml



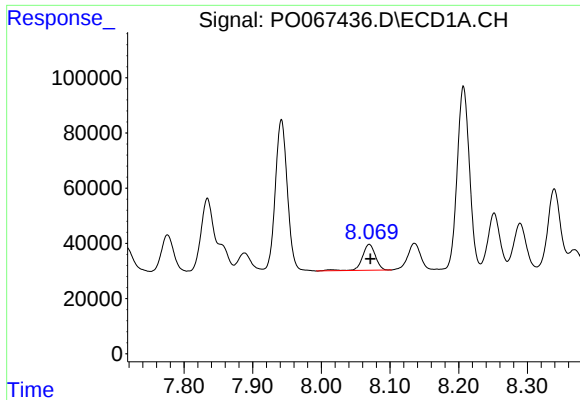
#28 AR-1254-3

R.T.: 7.776 min
Delta R.T.: 0.000 min
Response: 168291
Conc: 116.13 ng/ml



#28 AR-1254-3

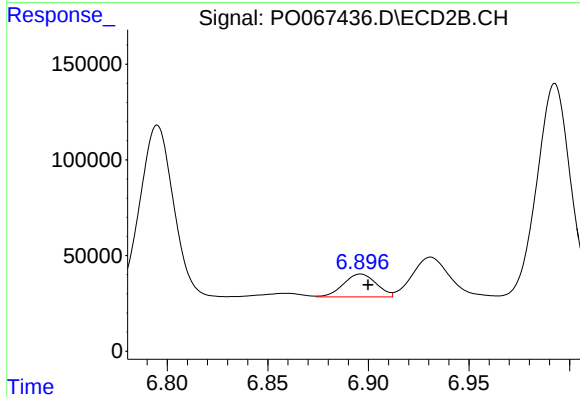
R.T.: 6.658 min
Delta R.T.: -0.002 min
Response: 236847
Conc: 84.45 ng/ml



#29 AR-1254-4

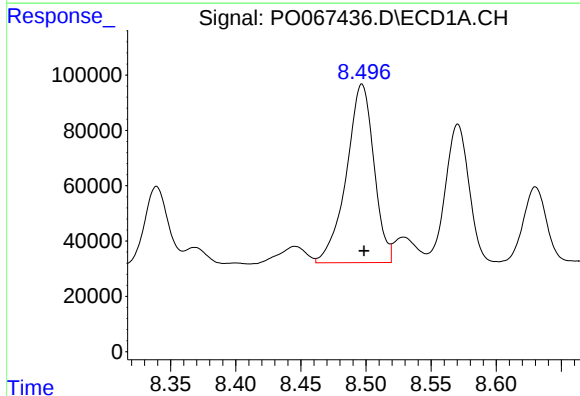
R.T.: 8.070 min
Delta R.T.: -0.002 min
Response: 125554
Conc: 111.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



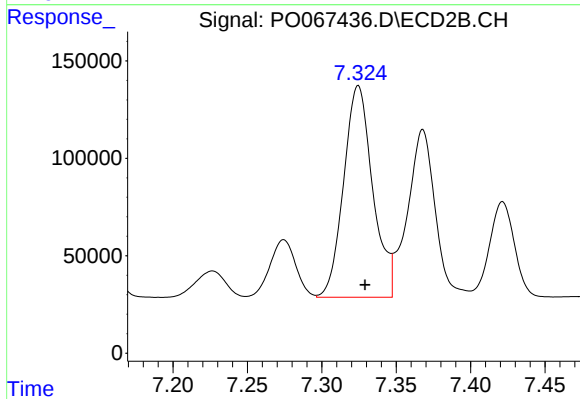
#29 AR-1254-4

R.T.: 6.896 min
Delta R.T.: -0.004 min
Response: 136359
Conc: 74.10 ng/ml



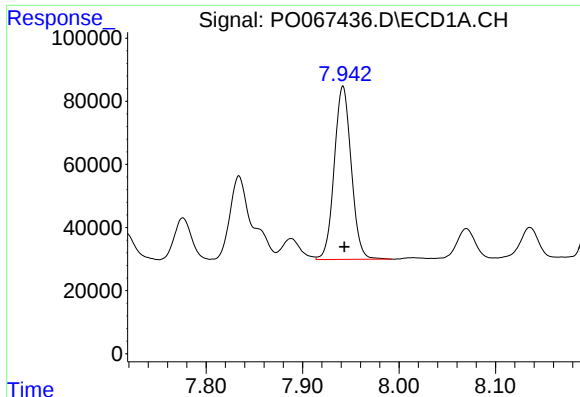
#30 AR-1254-5

R.T.: 8.497 min
Delta R.T.: -0.001 min
Response: 948548
Conc: 769.22 ng/ml



#30 AR-1254-5

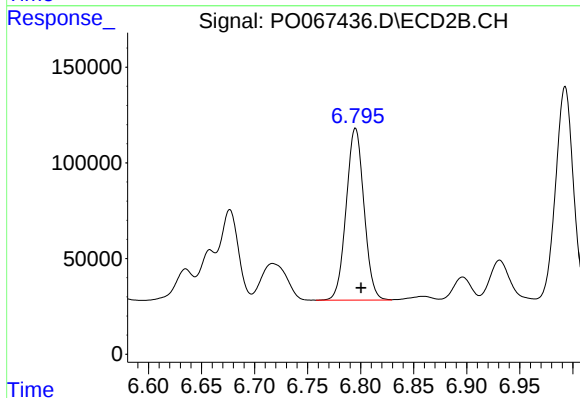
R.T.: 7.324 min
Delta R.T.: -0.005 min
Response: 1478463
Conc: 595.85 ng/ml



#31 AR-1260-1

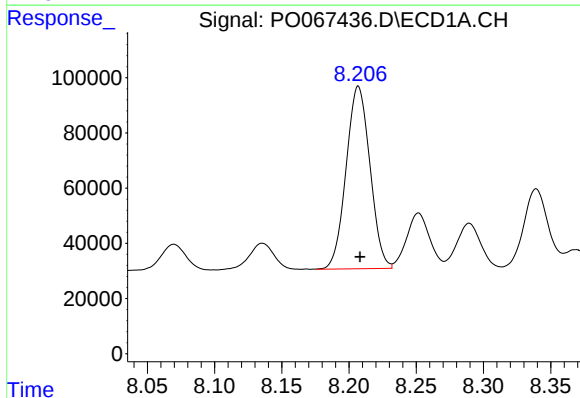
R.T.: 7.942 min
Delta R.T.: -0.001 min
Response: 670345
Conc: 552.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



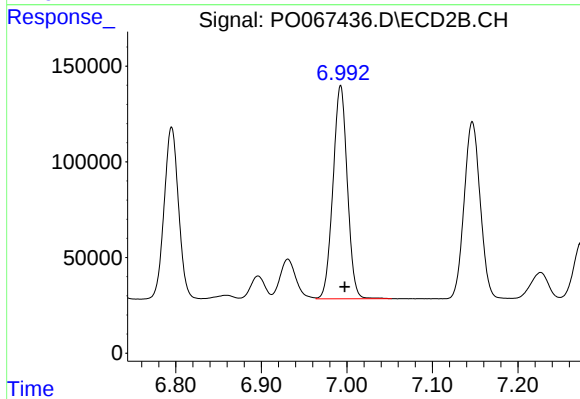
#31 AR-1260-1

R.T.: 6.795 min
Delta R.T.: -0.005 min
Response: 1048319
Conc: 489.23 ng/ml



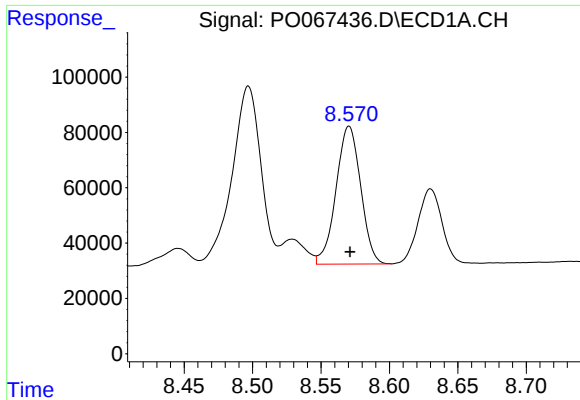
#32 AR-1260-2

R.T.: 8.207 min
Delta R.T.: -0.001 min
Response: 815237
Conc: 544.43 ng/ml



#32 AR-1260-2

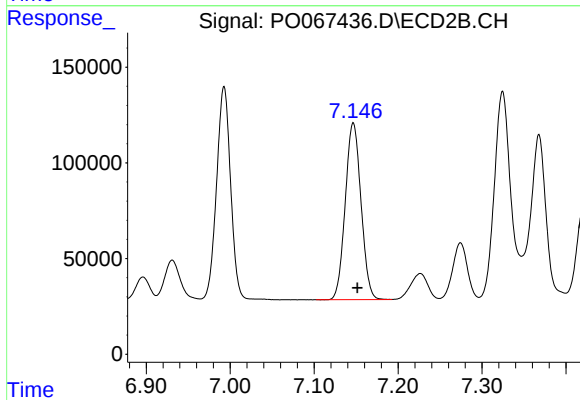
R.T.: 6.993 min
Delta R.T.: -0.005 min
Response: 1296004
Conc: 490.46 ng/ml



#33 AR-1260-3

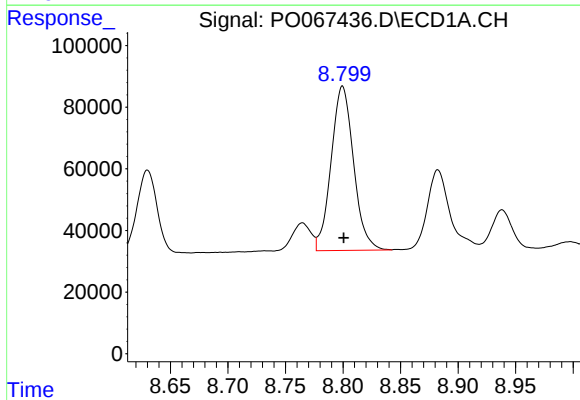
R.T.: 8.570 min
Delta R.T.: 0.000 min
Response: 624766
Conc: 541.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



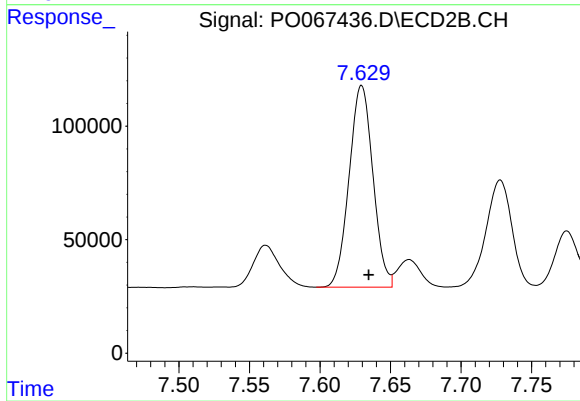
#33 AR-1260-3

R.T.: 7.147 min
Delta R.T.: -0.005 min
Response: 1204713
Conc: 493.65 ng/ml



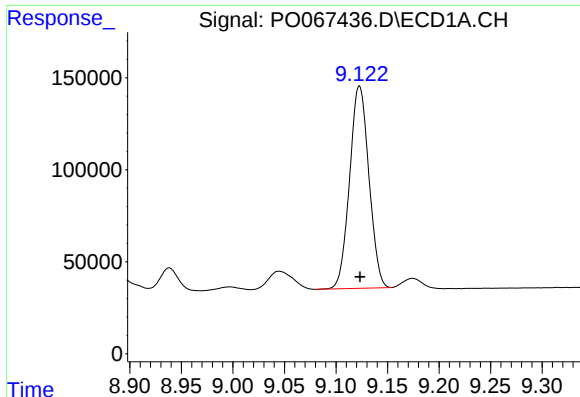
#34 AR-1260-4

R.T.: 8.800 min
Delta R.T.: -0.001 min
Response: 724916
Conc: 539.77 ng/ml



#34 AR-1260-4

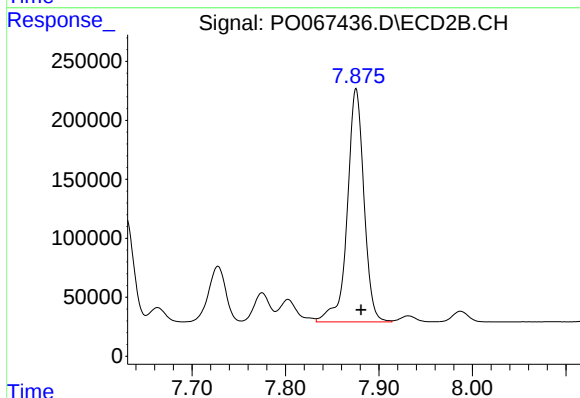
R.T.: 7.630 min
Delta R.T.: -0.005 min
Response: 1045084
Conc: 492.36 ng/ml



#35 AR-1260-5

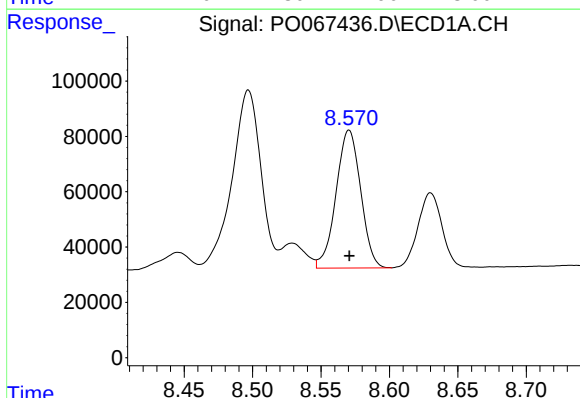
R.T.: 9.123 min
Delta R.T.: 0.000 min
Response: 1434177
Conc: 504.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



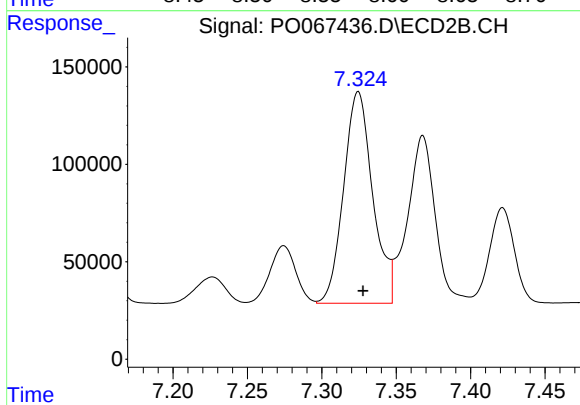
#35 AR-1260-5

R.T.: 7.876 min
Delta R.T.: -0.005 min
Response: 2448995
Conc: 491.24 ng/ml



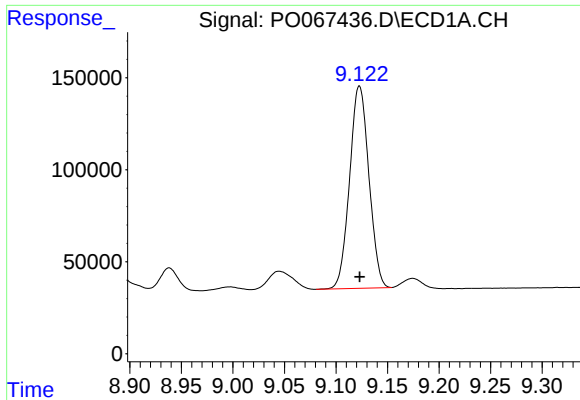
#36 AR-1262-1

R.T.: 8.570 min
Delta R.T.: 0.000 min
Response: 624766
Conc: 429.05 ng/ml



#36 AR-1262-1

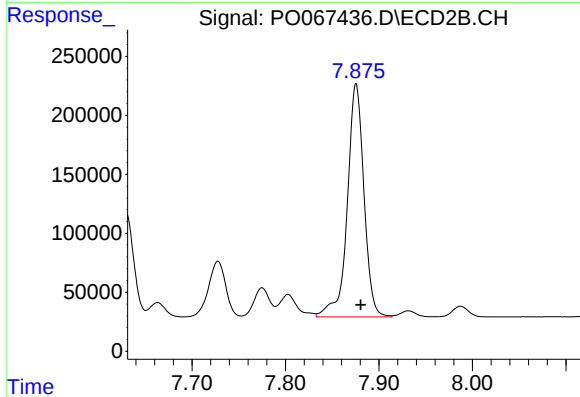
R.T.: 7.324 min
Delta R.T.: -0.003 min
Response: 1478463
Conc: 1028.94 ng/ml



#37 AR-1262-2

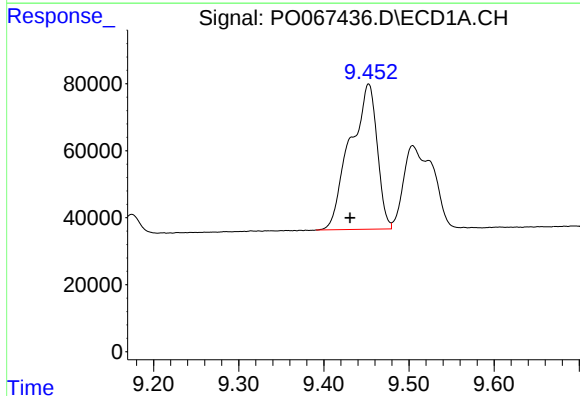
R.T.: 9.123 min
Delta R.T.: 0.000 min
Response: 1434177
Conc: 518.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



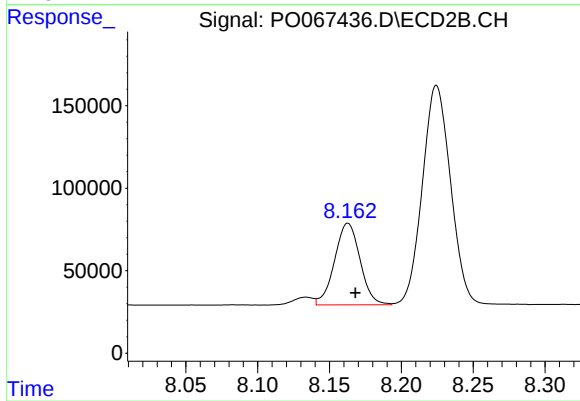
#37 AR-1262-2

R.T.: 7.876 min
Delta R.T.: -0.005 min
Response: 2448995
Conc: 530.54 ng/ml



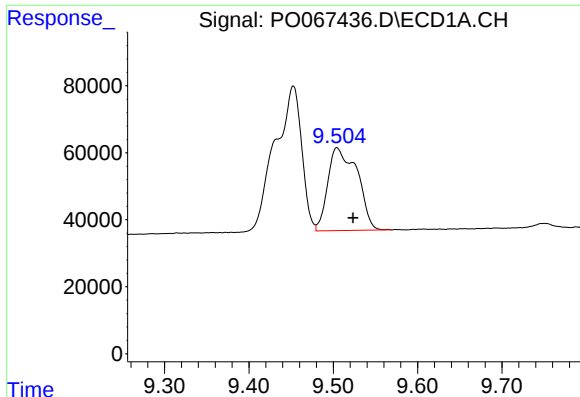
#38 AR-1262-3

R.T.: 9.453 min
Delta R.T.: 0.022 min
Response: 957783
Conc: 492.73 ng/ml



#38 AR-1262-3

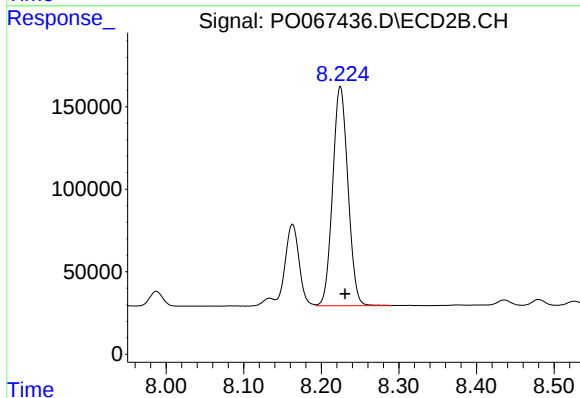
R.T.: 8.163 min
Delta R.T.: -0.005 min
Response: 611105
Conc: 306.08 ng/ml



#39 AR-1262-4

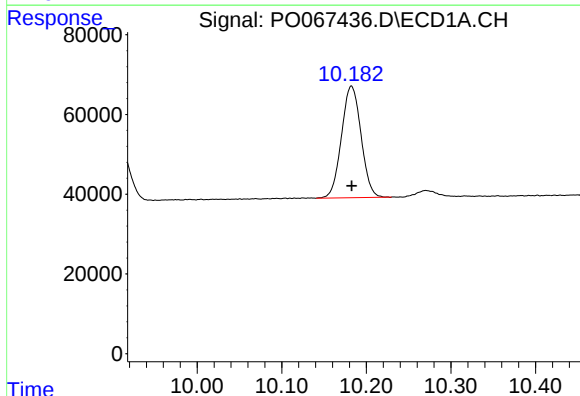
R.T.: 9.504 min
Delta R.T.: -0.019 min
Response: 600185
Conc: 409.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



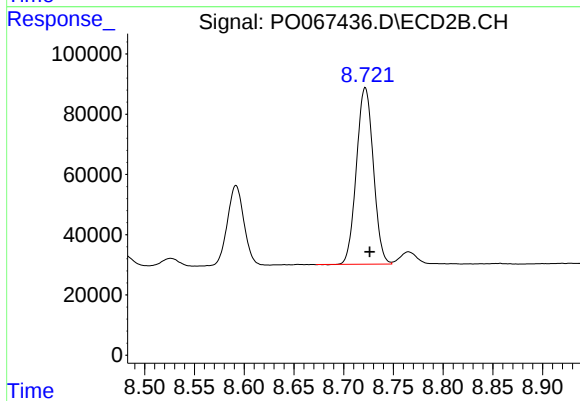
#39 AR-1262-4

R.T.: 8.224 min
Delta R.T.: -0.006 min
Response: 1820225
Conc: 518.73 ng/ml



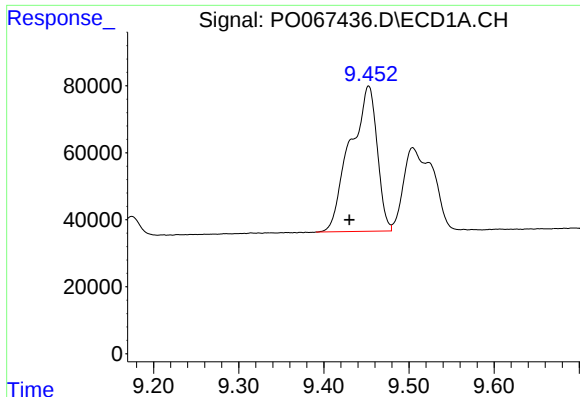
#40 AR-1262-5

R.T.: 10.182 min
Delta R.T.: 0.000 min
Response: 449815
Conc: 412.01 ng/ml



#40 AR-1262-5

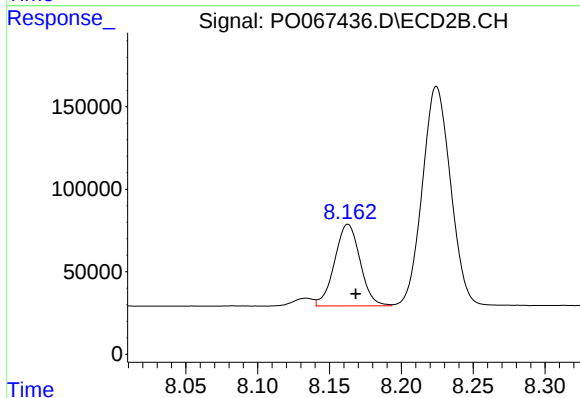
R.T.: 8.722 min
Delta R.T.: -0.004 min
Response: 693061
Conc: 407.96 ng/ml



#41 AR-1268-1

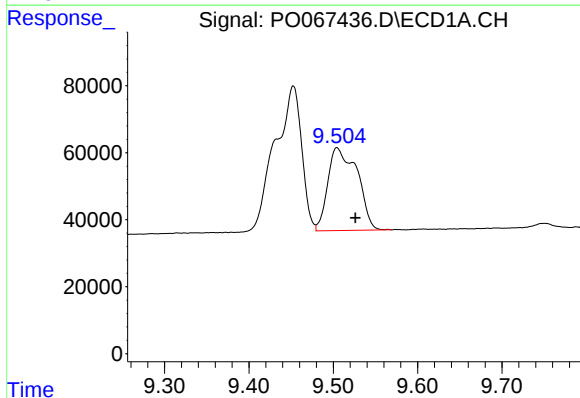
R.T.: 9.453 min
Delta R.T.: 0.022 min
Response: 957783
Conc: 292.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



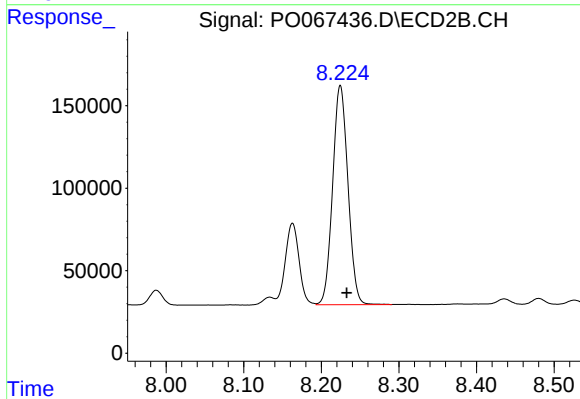
#41 AR-1268-1

R.T.: 8.163 min
Delta R.T.: -0.005 min
Response: 611105
Conc: 115.16 ng/ml



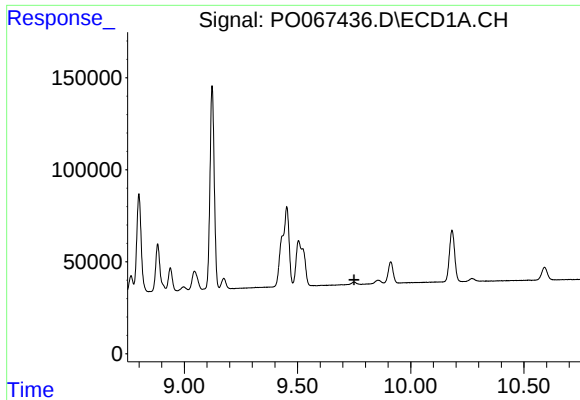
#42 AR-1268-2

R.T.: 9.504 min
Delta R.T.: -0.022 min
Response: 600185
Conc: 196.56 ng/ml



#42 AR-1268-2

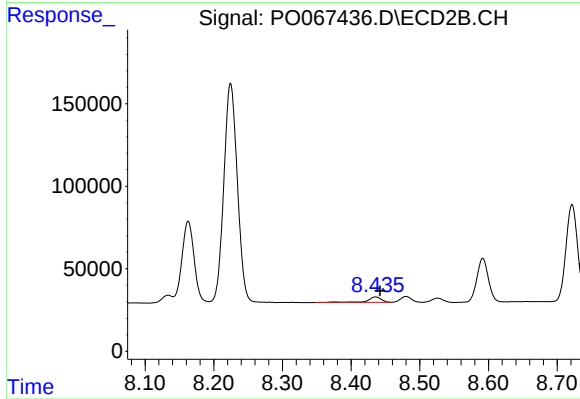
R.T.: 8.224 min
Delta R.T.: -0.008 min
Response: 1820225
Conc: 382.69 ng/ml



#43 AR-1268-3

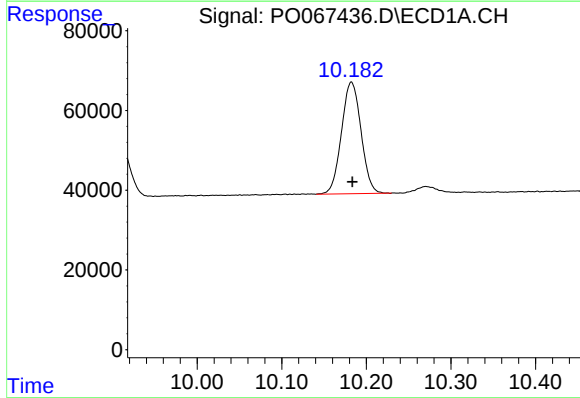
R.T.: 0.000 min
Exp R.T.: 9.749 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



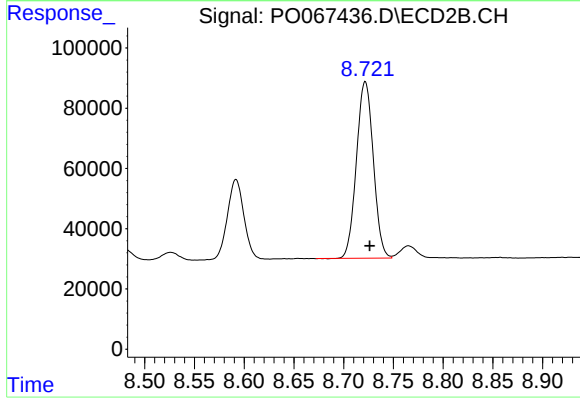
#43 AR-1268-3

R.T.: 8.436 min
Delta R.T.: -0.007 min
Response: 46257
Conc: 11.81 ng/ml



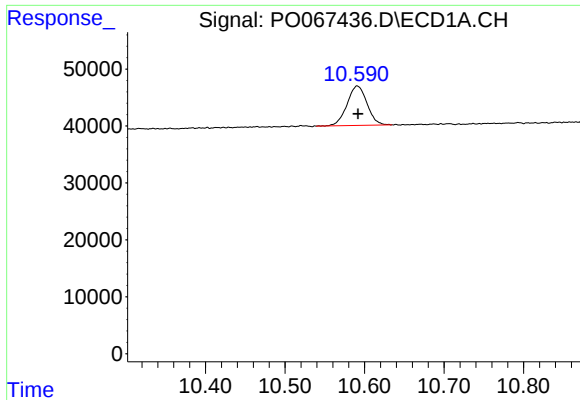
#44 AR-1268-4

R.T.: 10.182 min
Delta R.T.: 0.000 min
Response: 449815
Conc: 370.61 ng/ml



#44 AR-1268-4

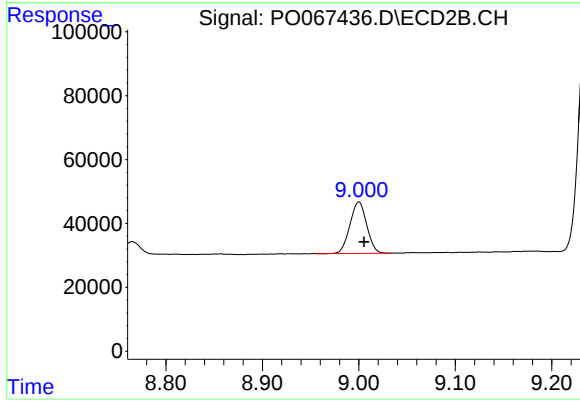
R.T.: 8.722 min
Delta R.T.: -0.005 min
Response: 693061
Conc: 370.59 ng/ml



#45 AR-1268-5

R.T.: 10.591 min
Delta R.T.: -0.001 min
Response: 120474
Conc: 13.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.000 min
Delta R.T.: -0.005 min
Response: 194971
Conc: 16.15 ng/ml