

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022420\
 Data File : P0066761.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Feb 2020 9:17
 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: Feb 24 13:40:44 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022120.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Feb 21 14:58:30 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...	4.124	3.406	2511864	2914034	59.777	53.950
2)	SA Decachlor...	9.596	8.289	2403999	2815477	58.579	50.665
Target Compounds							
3)	L1 AR-1016-1	5.271	4.459	891730	816279	551.776	507.913
4)	L1 AR-1016-2	5.293	4.476	1407947	1786219	577.117	487.239
5)	L1 AR-1016-3	5.353	4.648	816437	746410	591.560	537.339
6)	L1 AR-1016-4	5.451	4.690	675619	647412	530.324	560.213
7)	L1 AR-1016-5	5.740	4.898	659175	795148	621.076	541.520
8)	L2 AR-1221-1	4.328	3.612	72681	97783	175.432	188.260
9)	L2 AR-1221-2	4.418	3.696	108763	132091	351.997	347.387
10)	L2 AR-1221-3	4.491	3.769	435469	522689	425.329	438.962
11)	L3 AR-1232-1	4.491	3.769	435469	522689	544.243	553.778
12)	L3 AR-1232-2	5.007	4.476	641122	1786219	1532.761	1345.698
13)	L3 AR-1232-3	5.293	4.648	1407947	746410	1640.088	1410.762
14)	L3 AR-1232-4	5.451	4.730	675619	764841	1687.300	1512.320
15)	L3 AR-1232-5	5.540	4.898	541014	795148	1864.395	1249.836 #
16)	L4 AR-1242-1	5.271	4.459	891730	816279	830.816	776.445
17)	L4 AR-1242-2	5.293	4.476	1407947	1786219	869.801	752.609
18)	L4 AR-1242-3	5.353	4.648	816437	746410	862.378	790.855
19)	L4 AR-1242-4	5.451	4.730	675619	764841	846.424	814.865
20)	L4 AR-1242-5	6.177	5.244	96146	604624	123.666	443.864 #
21)	L5 AR-1248-1	5.271	4.459	891730	816279	1114.996	986.007
22)	L5 AR-1248-2	5.540	4.690	541014	647412	454.101	490.198
23)	L5 AR-1248-3	5.740	4.730	659175	764841	525.215	565.257
24)	L5 AR-1248-4	6.138	4.898	119351	795148	82.783	487.769 #
25)	L5 AR-1248-5	6.177	5.284	96146	102858	71.595	50.273 #
26)	L6 AR-1254-1	6.111	5.244	470657	604624	296.933	214.378 #
27)	L6 AR-1254-2	6.327	5.390	538718	555485	202.595	231.234
28)	L6 AR-1254-3	6.690	5.800	301748	1106902	114.117	286.958 #
29)	L6 AR-1254-4	6.971	6.015	225900	127499	101.018	53.229 #
30)	L6 AR-1254-5	7.387	6.425	1960672	1926387	849.148	539.649 #
31)	L7 AR-1260-1	6.850	5.914	1305033	1554842	580.808	521.753
32)	L7 AR-1260-2	7.107	6.102	1898530	1954261	567.316	493.224
33)	L7 AR-1260-3	7.461	6.252	1626826	1776474	544.112	504.491
34)	L7 AR-1260-4	7.684	6.718	1490028	1515187	593.148	517.356
35)	L7 AR-1260-5	7.990	6.961	3302822	3623727	533.993	478.997
36)	L8 AR-1262-1	7.461	6.425	1626826	1926387	418.934	999.126 #
37)	L8 AR-1262-2	7.990	6.961	3302822	3623727	526.158	453.558
38)	L8 AR-1262-3	8.285	7.239	1924963	860350	473.853	264.543 #
39)	L8 AR-1262-4	8.351	7.303	573616	2682363	186.531	466.672 #
40)	L8 AR-1262-5	8.942	7.796	842569	935722	414.155	373.344
41)	L9 AR-1268-1	8.285	7.239	1924963	860350	238.294	88.205 #

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 Acq On : 24 Feb 2020 9:17
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

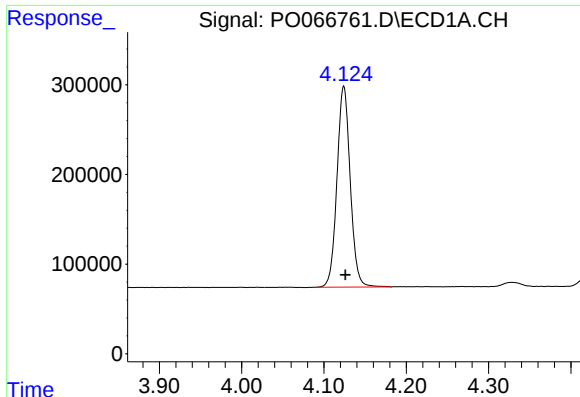
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 24 13:40:44 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022120.M
 Quant Title : GC EXTRACTABLES
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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	8.351	7.303	573616	2682363	84.223	295.069 #
43) L9	AR-1268-3	8.554	7.503	44163	51006	7.501	6.637
44) L9	AR-1268-4	8.942	7.796	842569	935722	356.482	316.132
45) L9	AR-1268-5	9.304	8.064	214827	267462	13.012	12.341

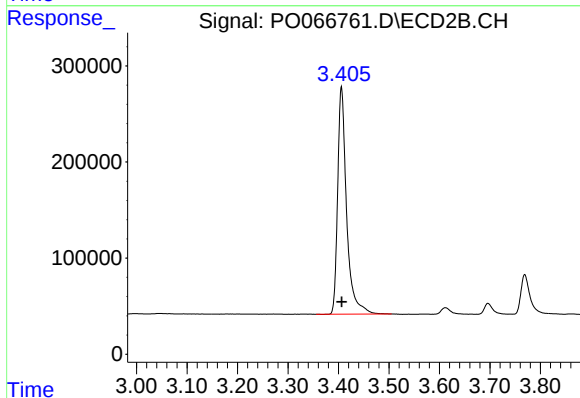
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

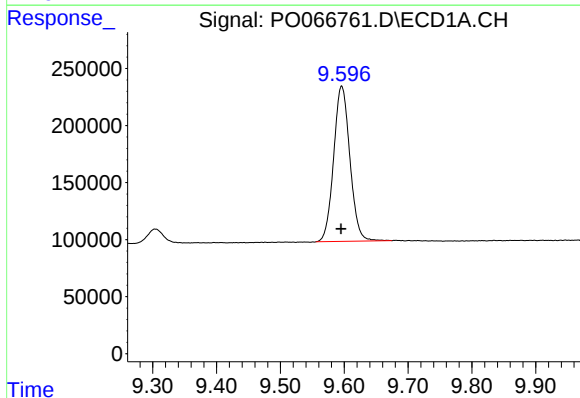
R.T.: 4.124 min
Delta R.T.: -0.002 min
Response: 2511864
Conc: 59.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



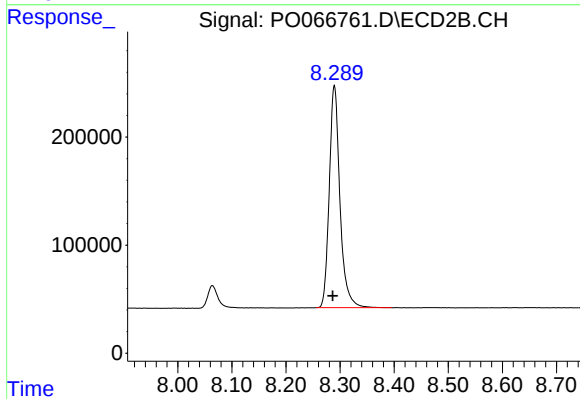
#1 Tetrachloro-m-xylene

R.T.: 3.406 min
Delta R.T.: 0.000 min
Response: 2914034
Conc: 53.95 ng/ml



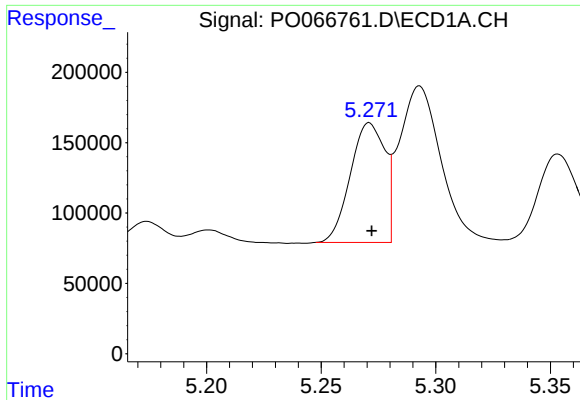
#2 Decachlorobiphenyl

R.T.: 9.596 min
Delta R.T.: 0.000 min
Response: 2403999
Conc: 58.58 ng/ml



#2 Decachlorobiphenyl

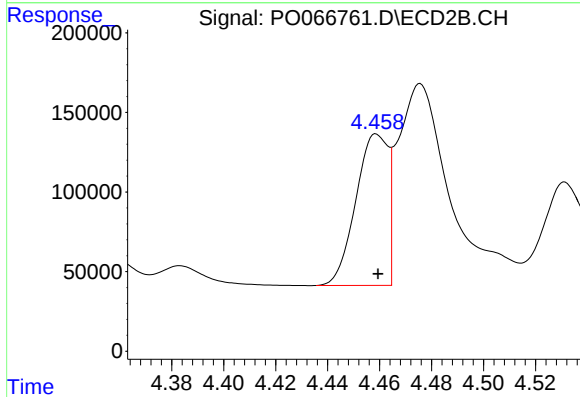
R.T.: 8.289 min
Delta R.T.: 0.003 min
Response: 2815477
Conc: 50.66 ng/ml



#3 AR-1016-1

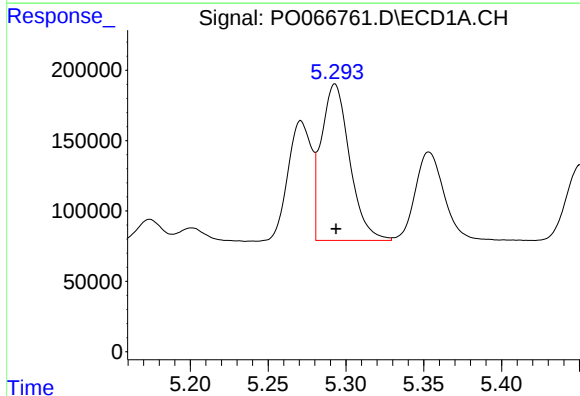
R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 891730
Conc: 551.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



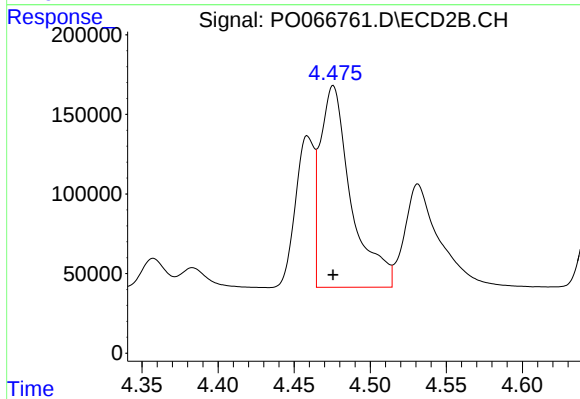
#3 AR-1016-1

R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 816279
Conc: 507.91 ng/ml



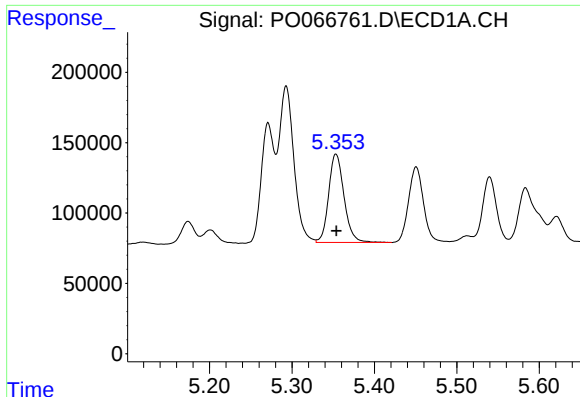
#4 AR-1016-2

R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 1407947
Conc: 577.12 ng/ml



#4 AR-1016-2

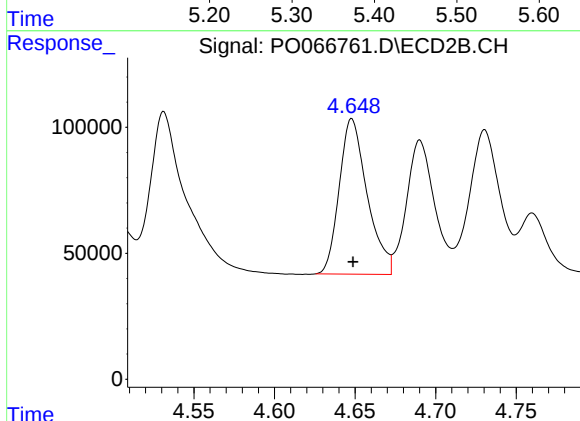
R.T.: 4.476 min
Delta R.T.: 0.000 min
Response: 1786219
Conc: 487.24 ng/ml



#5 AR-1016-3

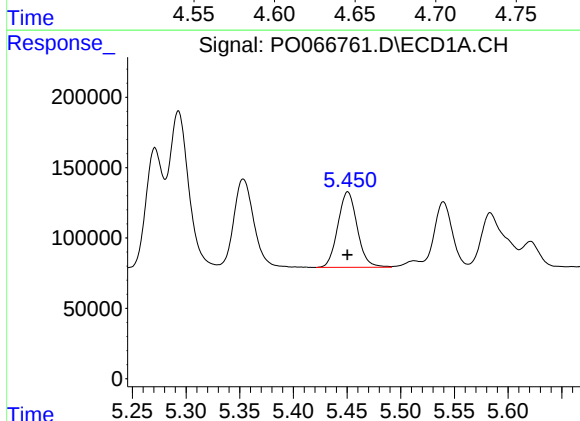
R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 816437
Conc: 591.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



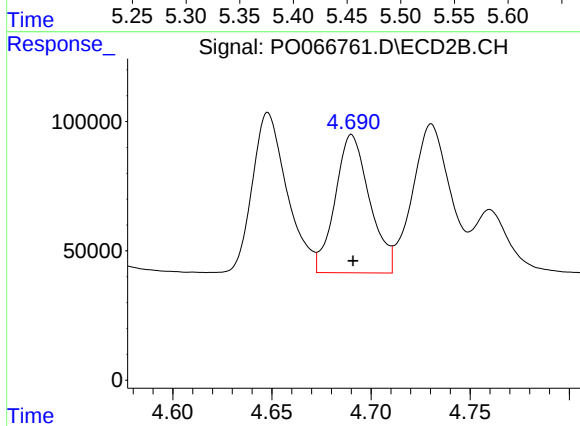
#5 AR-1016-3

R.T.: 4.648 min
Delta R.T.: 0.000 min
Response: 746410
Conc: 537.34 ng/ml



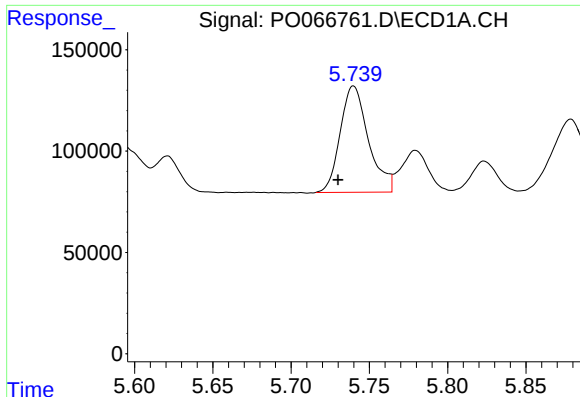
#6 AR-1016-4

R.T.: 5.451 min
Delta R.T.: 0.000 min
Response: 675619
Conc: 530.32 ng/ml



#6 AR-1016-4

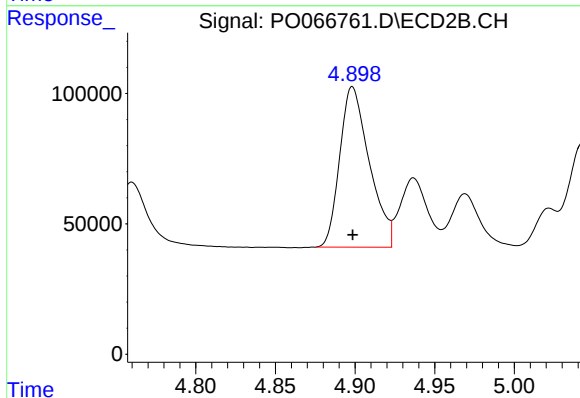
R.T.: 4.690 min
Delta R.T.: 0.000 min
Response: 647412
Conc: 560.21 ng/ml



#7 AR-1016-5

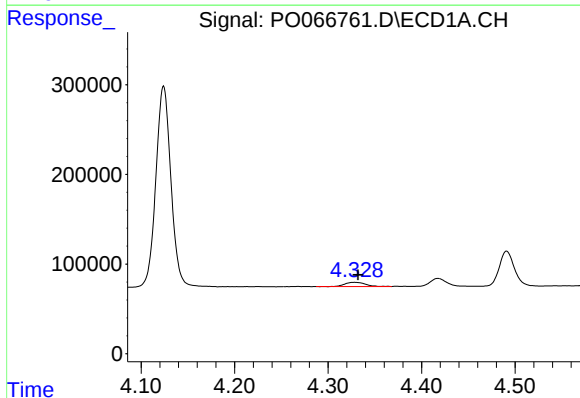
R.T.: 5.740 min
Delta R.T.: 0.010 min
Response: 659175
Conc: 621.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



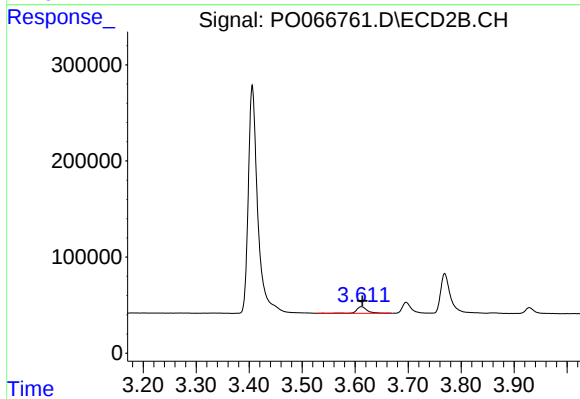
#7 AR-1016-5

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 795148
Conc: 541.52 ng/ml



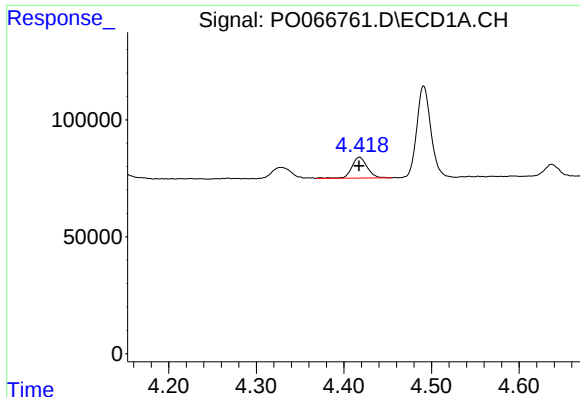
#8 AR-1221-1

R.T.: 4.328 min
Delta R.T.: -0.004 min
Response: 72681
Conc: 175.43 ng/ml



#8 AR-1221-1

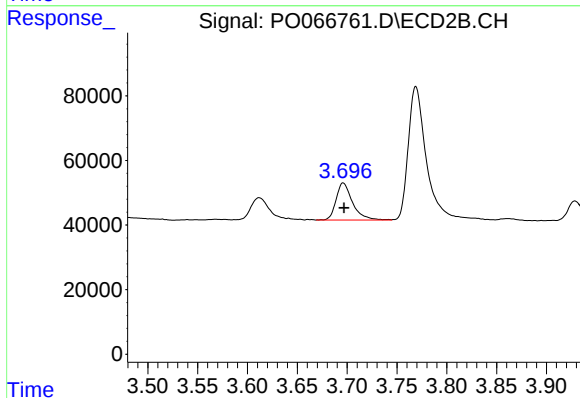
R.T.: 3.612 min
Delta R.T.: -0.002 min
Response: 97783
Conc: 188.26 ng/ml



#9 AR-1221-2

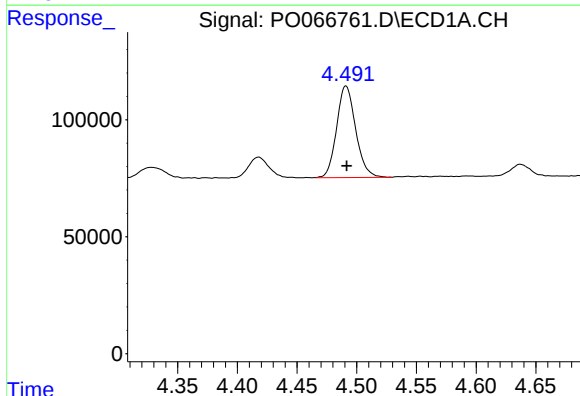
R.T.: 4.418 min
Delta R.T.: 0.000 min
Response: 108763
Conc: 352.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



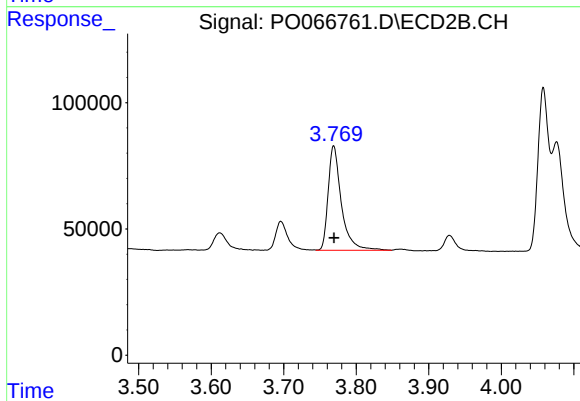
#9 AR-1221-2

R.T.: 3.696 min
Delta R.T.: 0.000 min
Response: 132091
Conc: 347.39 ng/ml



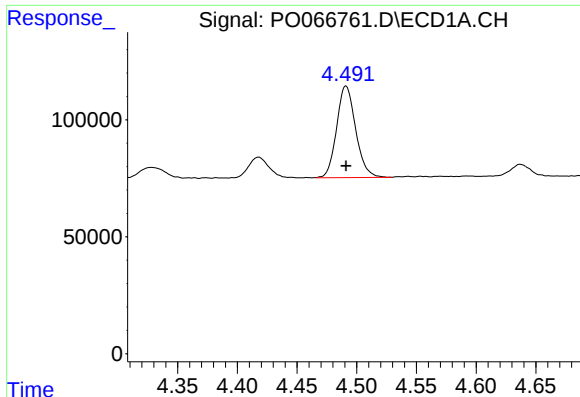
#10 AR-1221-3

R.T.: 4.491 min
Delta R.T.: 0.000 min
Response: 435469
Conc: 425.33 ng/ml



#10 AR-1221-3

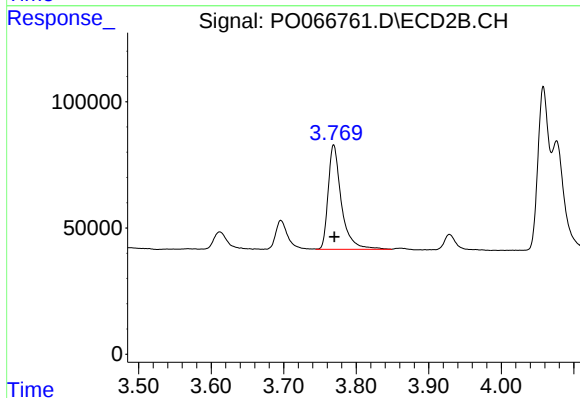
R.T.: 3.769 min
Delta R.T.: 0.000 min
Response: 522689
Conc: 438.96 ng/ml



#11 AR-1232-1

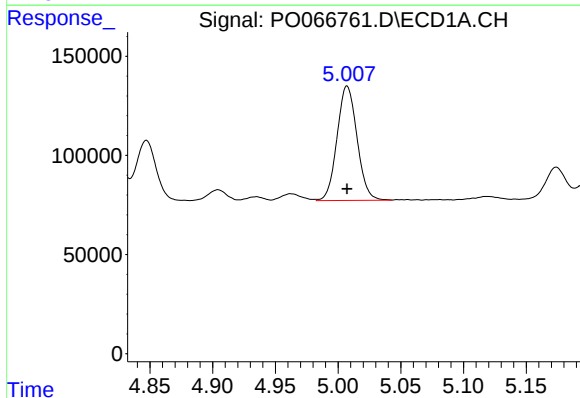
R.T.: 4.491 min
Delta R.T.: 0.000 min
Response: 435469
Conc: 544.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



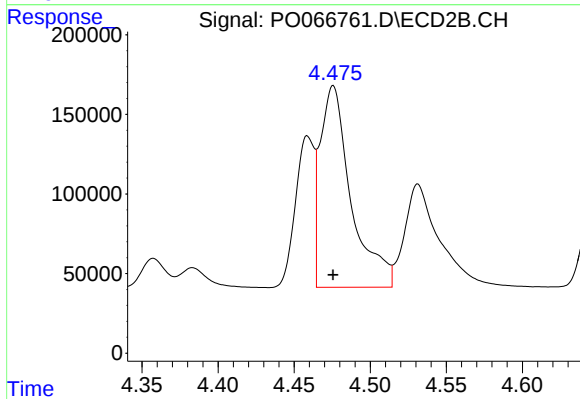
#11 AR-1232-1

R.T.: 3.769 min
Delta R.T.: 0.000 min
Response: 522689
Conc: 553.78 ng/ml



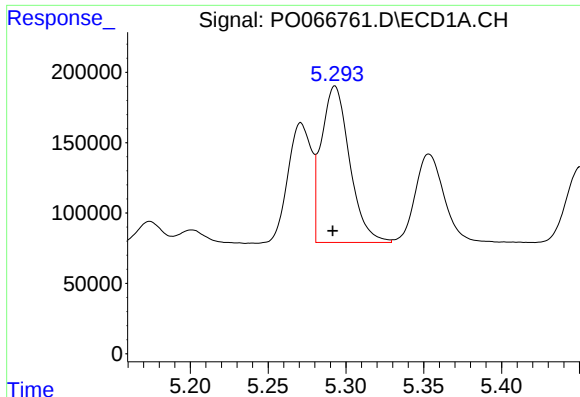
#12 AR-1232-2

R.T.: 5.007 min
Delta R.T.: 0.000 min
Response: 641122
Conc: 1532.76 ng/ml



#12 AR-1232-2

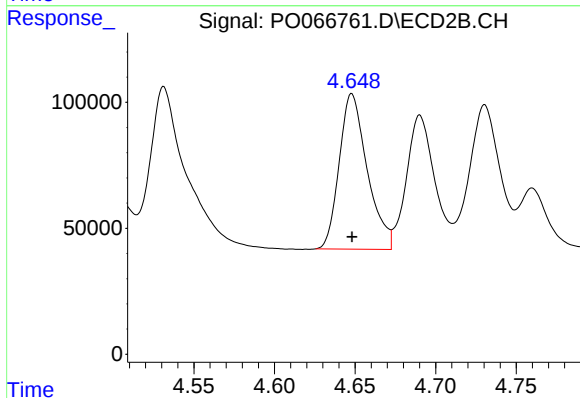
R.T.: 4.476 min
Delta R.T.: 0.000 min
Response: 1786219
Conc: 1345.70 ng/ml



#13 AR-1232-3

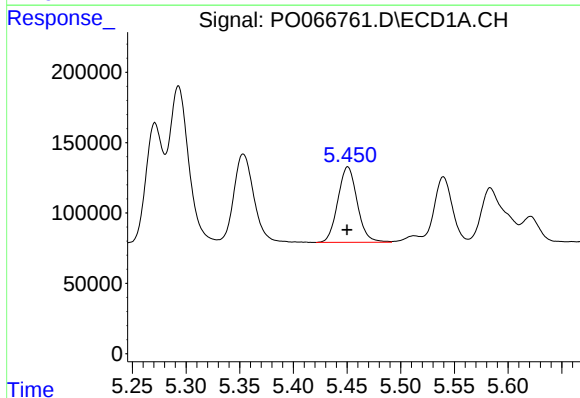
R.T.: 5.293 min
Delta R.T.: 0.001 min
Response: 1407947
Conc: 1640.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



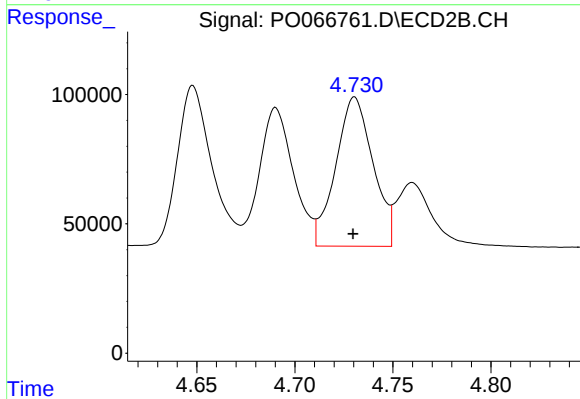
#13 AR-1232-3

R.T.: 4.648 min
Delta R.T.: 0.000 min
Response: 746410
Conc: 1410.76 ng/ml



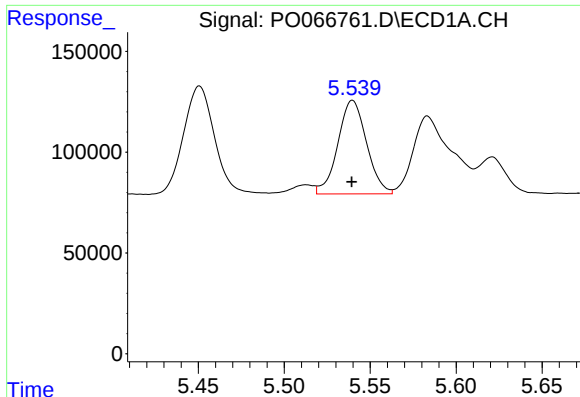
#14 AR-1232-4

R.T.: 5.451 min
Delta R.T.: 0.000 min
Response: 675619
Conc: 1687.30 ng/ml



#14 AR-1232-4

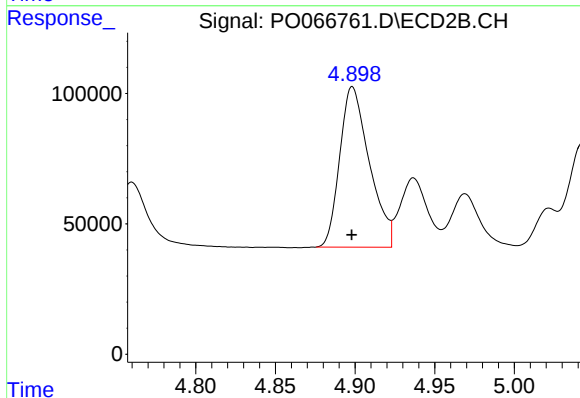
R.T.: 4.730 min
Delta R.T.: 0.000 min
Response: 764841
Conc: 1512.32 ng/ml



#15 AR-1232-5

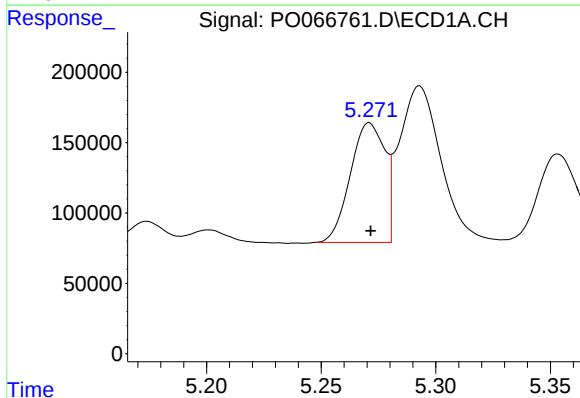
R.T.: 5.540 min
Delta R.T.: 0.000 min
Response: 541014
Conc: 1864.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



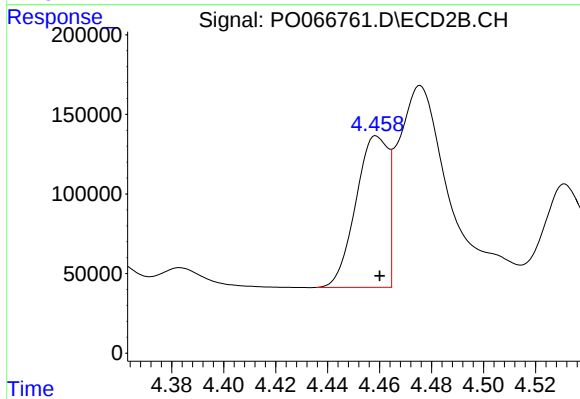
#15 AR-1232-5

R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 795148
Conc: 1249.84 ng/ml



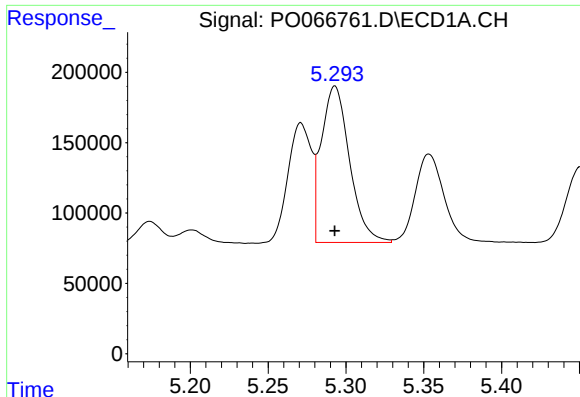
#16 AR-1242-1

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 891730
Conc: 830.82 ng/ml



#16 AR-1242-1

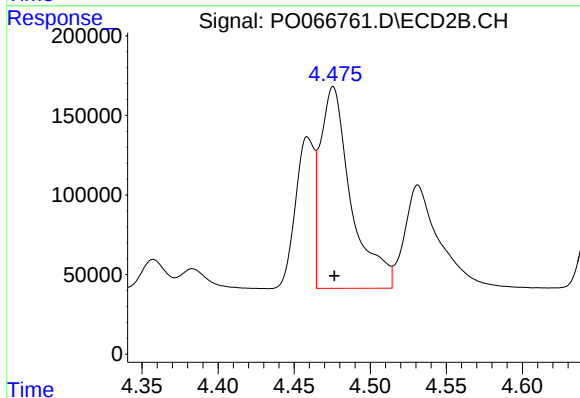
R.T.: 4.459 min
Delta R.T.: -0.001 min
Response: 816279
Conc: 776.45 ng/ml



#17 AR-1242-2

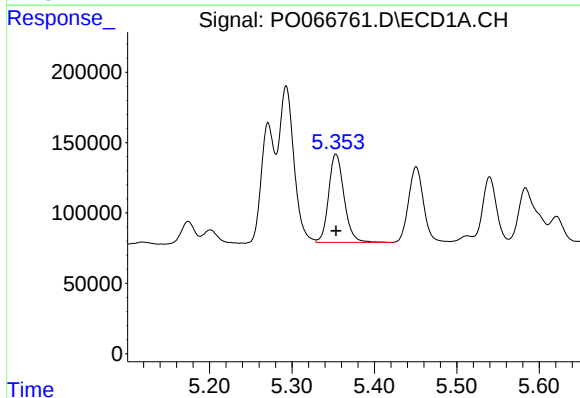
R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 1407947
Conc: 869.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



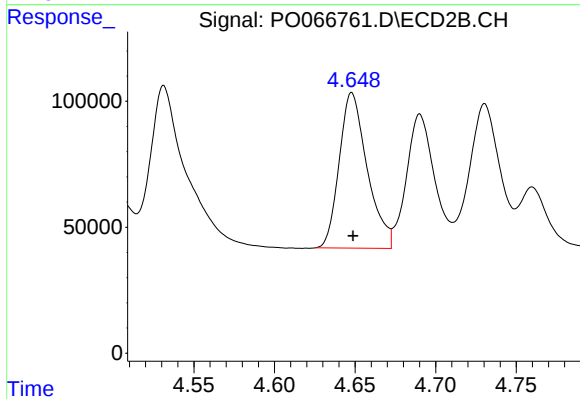
#17 AR-1242-2

R.T.: 4.476 min
Delta R.T.: 0.000 min
Response: 1786219
Conc: 752.61 ng/ml



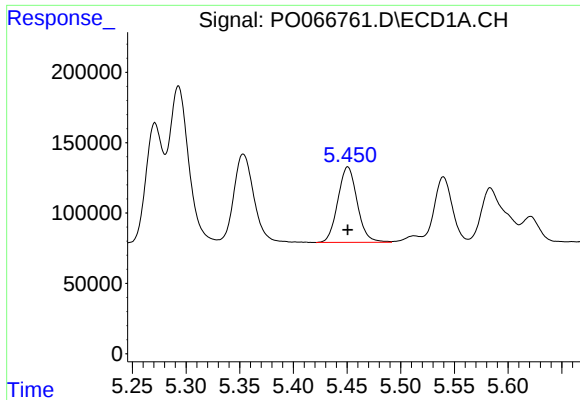
#18 AR-1242-3

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 816437
Conc: 862.38 ng/ml



#18 AR-1242-3

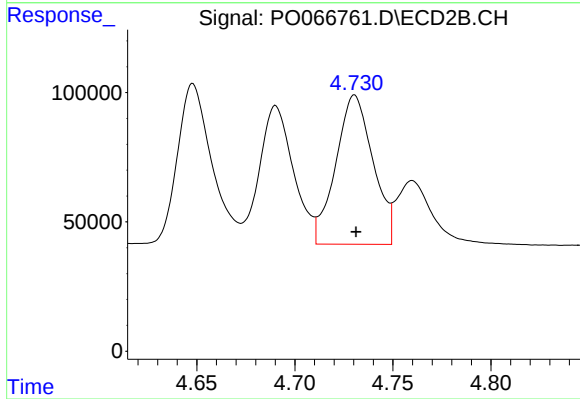
R.T.: 4.648 min
Delta R.T.: 0.000 min
Response: 746410
Conc: 790.85 ng/ml



#19 AR-1242-4

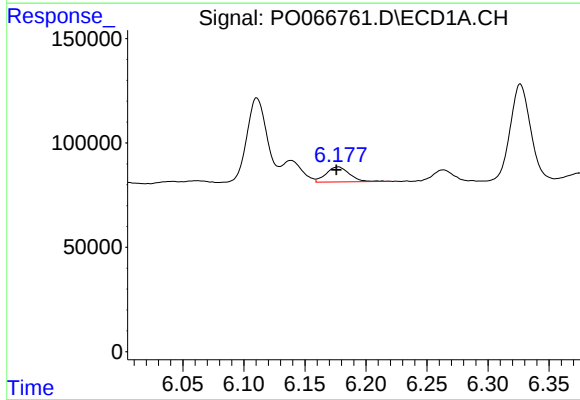
R.T.: 5.451 min
Delta R.T.: 0.000 min
Response: 675619
Conc: 846.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



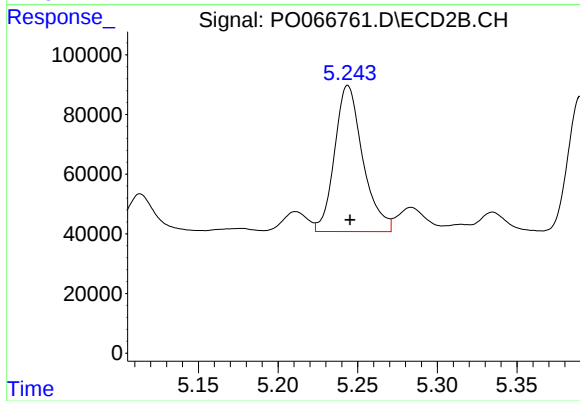
#19 AR-1242-4

R.T.: 4.730 min
Delta R.T.: 0.000 min
Response: 764841
Conc: 814.86 ng/ml



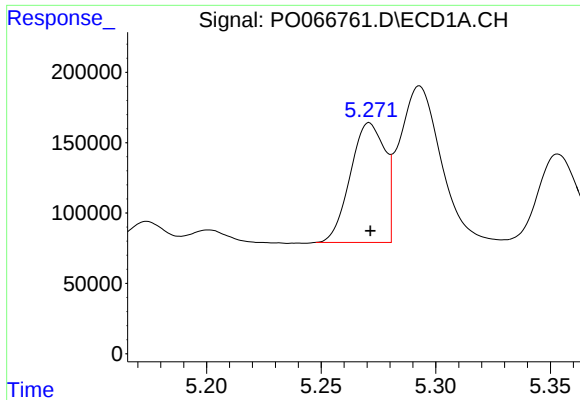
#20 AR-1242-5

R.T.: 6.177 min
Delta R.T.: 0.002 min
Response: 96146
Conc: 123.67 ng/ml



#20 AR-1242-5

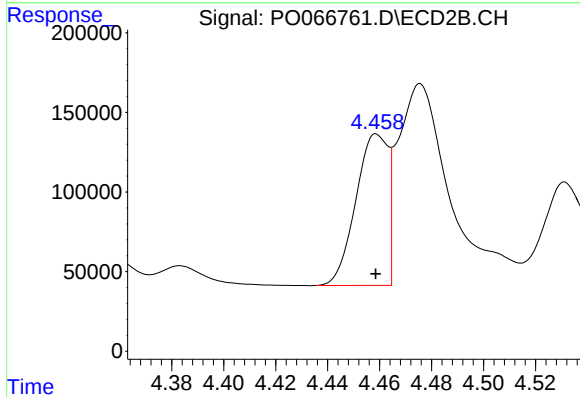
R.T.: 5.244 min
Delta R.T.: -0.001 min
Response: 604624
Conc: 443.86 ng/ml



#21 AR-1248-1

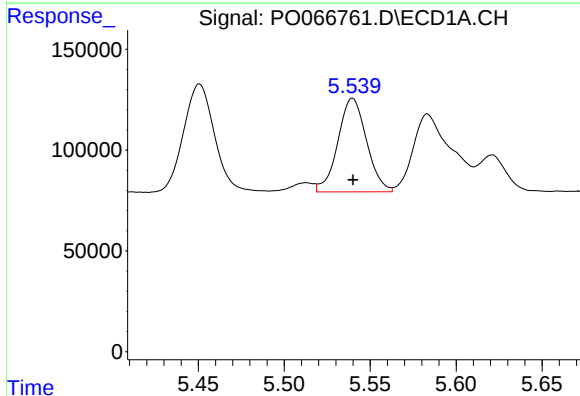
R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 891730
Conc: 1115.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



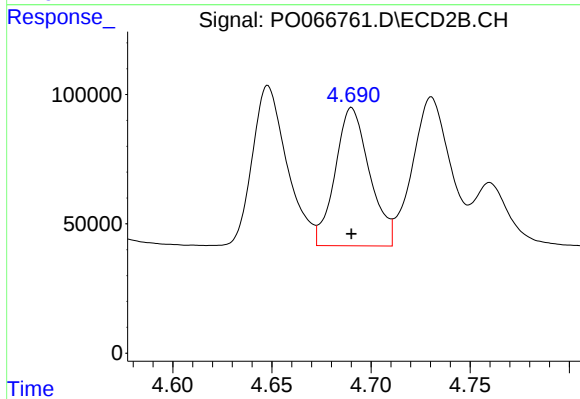
#21 AR-1248-1

R.T.: 4.459 min
Delta R.T.: 0.000 min
Response: 816279
Conc: 986.01 ng/ml



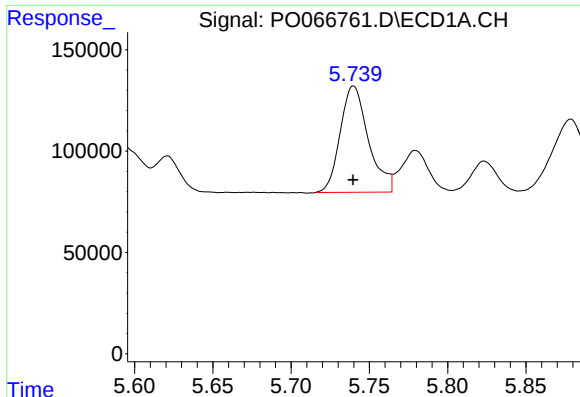
#22 AR-1248-2

R.T.: 5.540 min
Delta R.T.: 0.000 min
Response: 541014
Conc: 454.10 ng/ml



#22 AR-1248-2

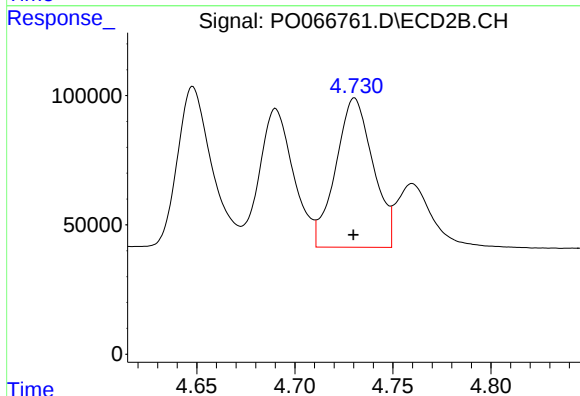
R.T.: 4.690 min
Delta R.T.: 0.000 min
Response: 647412
Conc: 490.20 ng/ml



#23 AR-1248-3

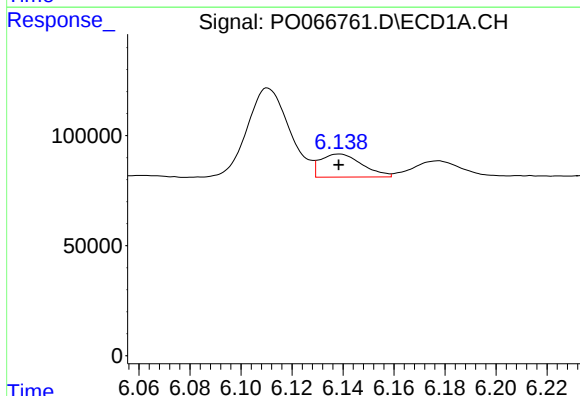
R.T.: 5.740 min
Delta R.T.: 0.000 min
Response: 659175
Conc: 525.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



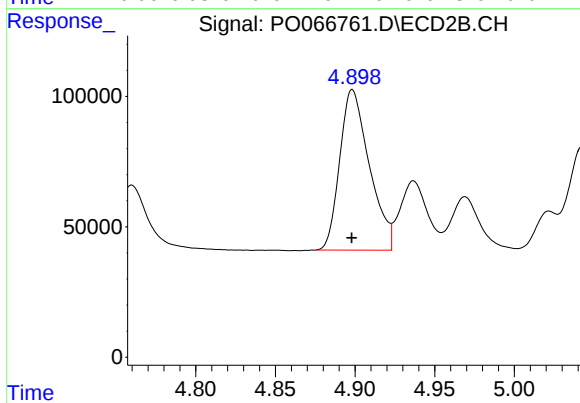
#23 AR-1248-3

R.T.: 4.730 min
Delta R.T.: 0.000 min
Response: 764841
Conc: 565.26 ng/ml



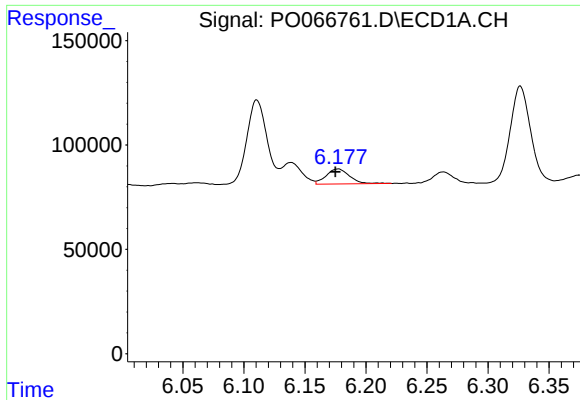
#24 AR-1248-4

R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 119351
Conc: 82.78 ng/ml



#24 AR-1248-4

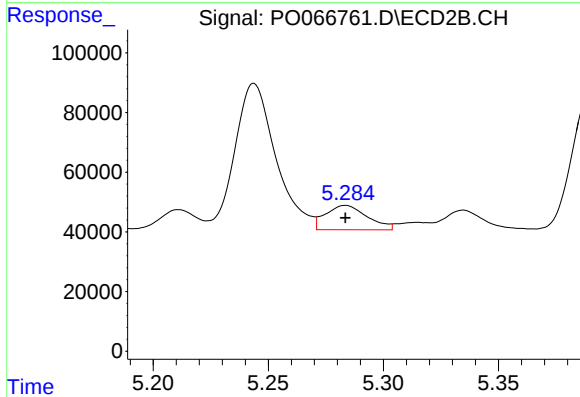
R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 795148
Conc: 487.77 ng/ml



#25 AR-1248-5

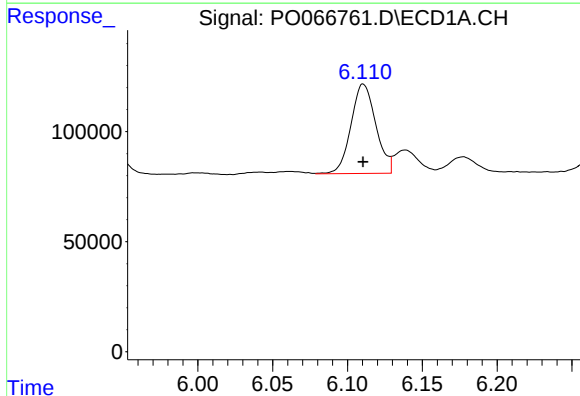
R.T.: 6.177 min
Delta R.T.: 0.002 min
Response: 96146
Conc: 71.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



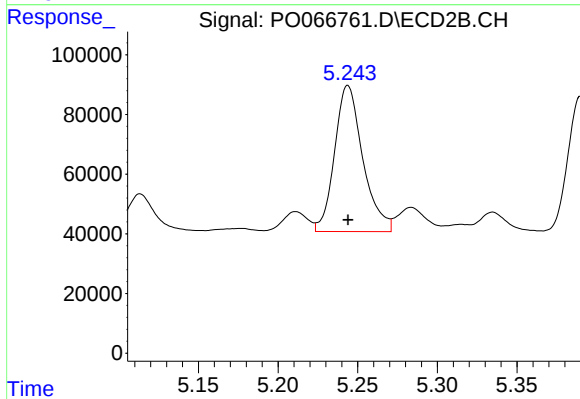
#25 AR-1248-5

R.T.: 5.284 min
Delta R.T.: 0.000 min
Response: 102858
Conc: 50.27 ng/ml



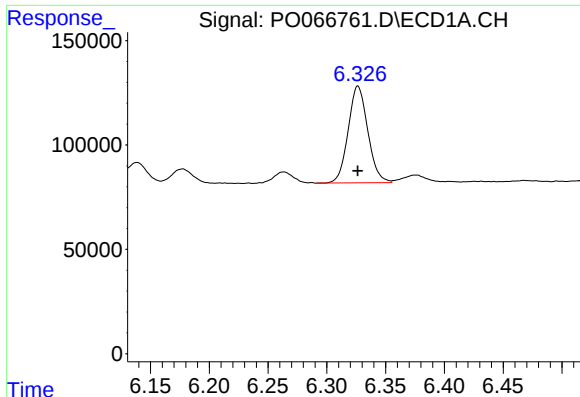
#26 AR-1254-1

R.T.: 6.111 min
Delta R.T.: 0.000 min
Response: 470657
Conc: 296.93 ng/ml



#26 AR-1254-1

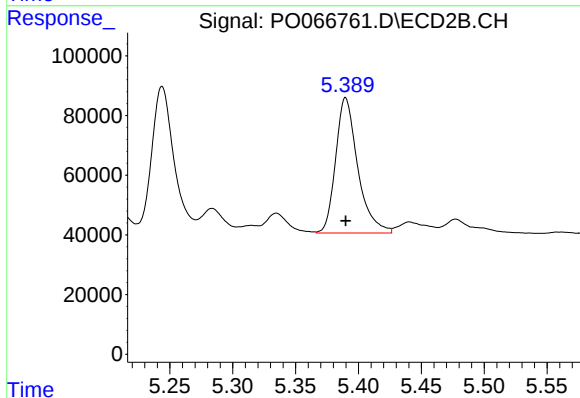
R.T.: 5.244 min
Delta R.T.: 0.000 min
Response: 604624
Conc: 214.38 ng/ml



#27 AR-1254-2

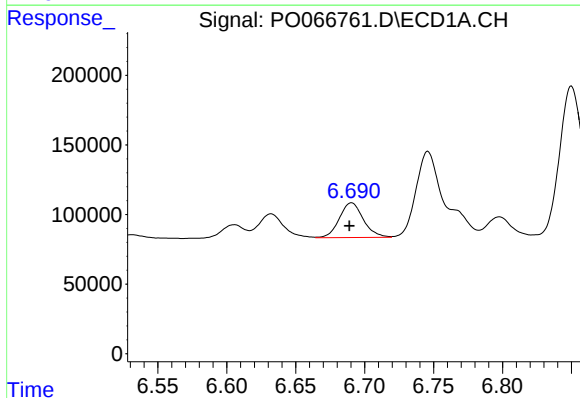
R.T.: 6.327 min
Delta R.T.: 0.000 min
Response: 538718
Conc: 202.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



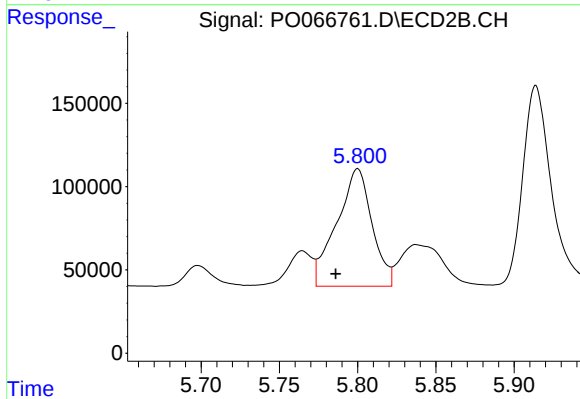
#27 AR-1254-2

R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 555485
Conc: 231.23 ng/ml



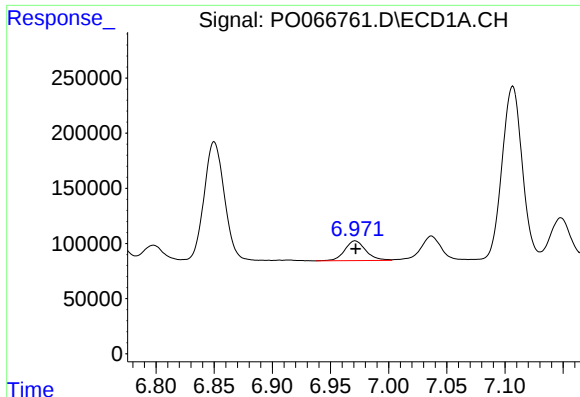
#28 AR-1254-3

R.T.: 6.690 min
Delta R.T.: 0.002 min
Response: 301748
Conc: 114.12 ng/ml



#28 AR-1254-3

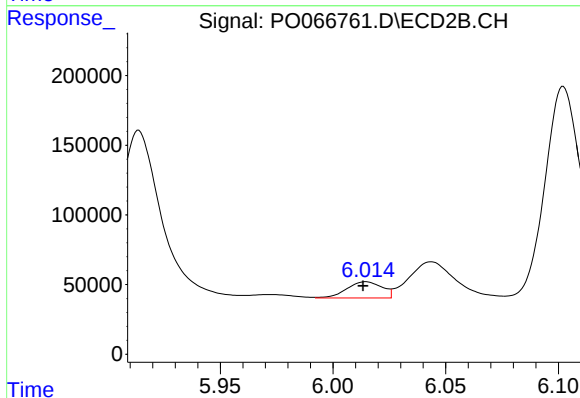
R.T.: 5.800 min
Delta R.T.: 0.014 min
Response: 1106902
Conc: 286.96 ng/ml



#29 AR-1254-4

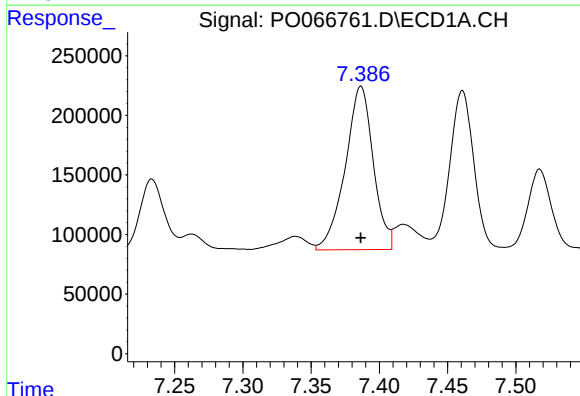
R.T.: 6.971 min
Delta R.T.: 0.000 min
Response: 225900
Conc: 101.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



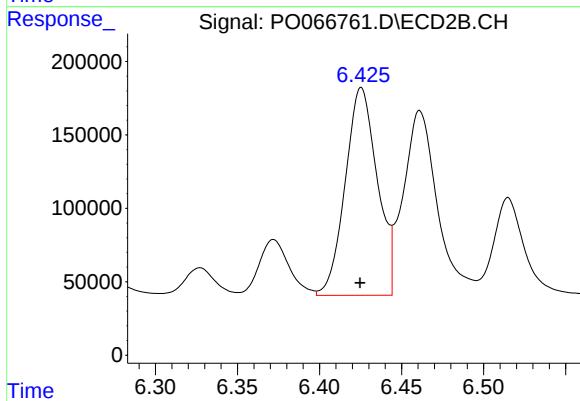
#29 AR-1254-4

R.T.: 6.015 min
Delta R.T.: 0.001 min
Response: 127499
Conc: 53.23 ng/ml



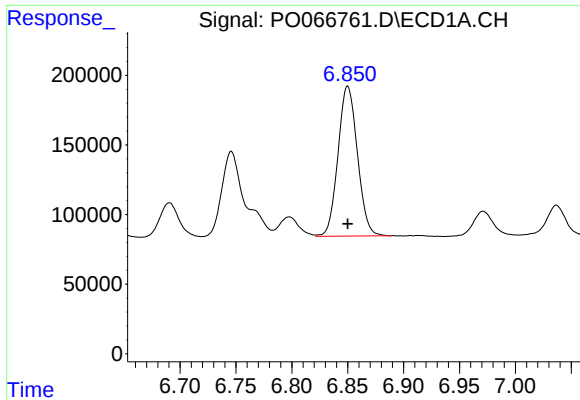
#30 AR-1254-5

R.T.: 7.387 min
Delta R.T.: 0.000 min
Response: 1960672
Conc: 849.15 ng/ml



#30 AR-1254-5

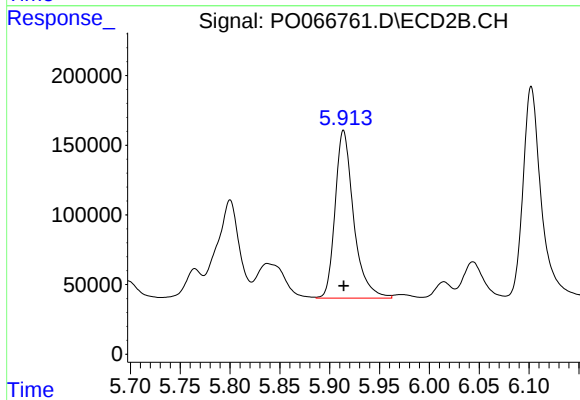
R.T.: 6.425 min
Delta R.T.: 0.000 min
Response: 1926387
Conc: 539.65 ng/ml



#31 AR-1260-1

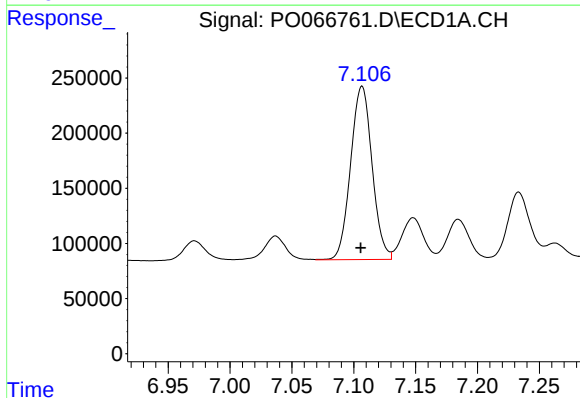
R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 1305033
Conc: 580.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



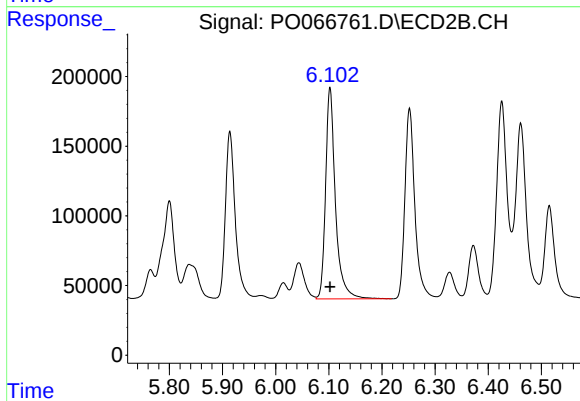
#31 AR-1260-1

R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 1554842
Conc: 521.75 ng/ml



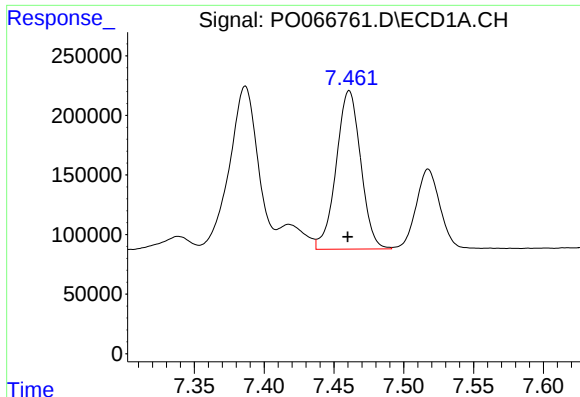
#32 AR-1260-2

R.T.: 7.107 min
Delta R.T.: 0.001 min
Response: 1898530
Conc: 567.32 ng/ml



#32 AR-1260-2

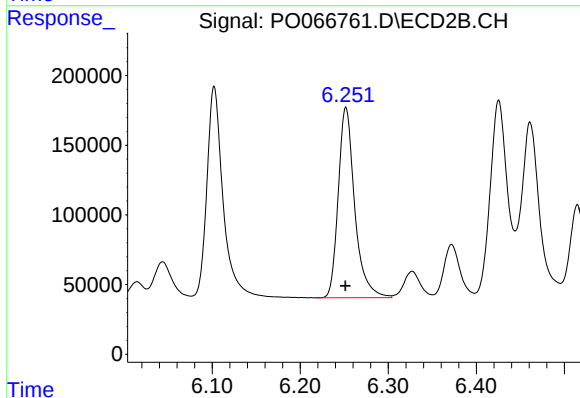
R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 1954261
Conc: 493.22 ng/ml



#33 AR-1260-3

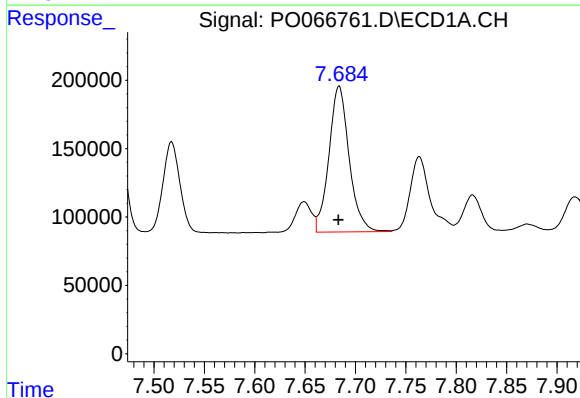
R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 1626826
Conc: 544.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



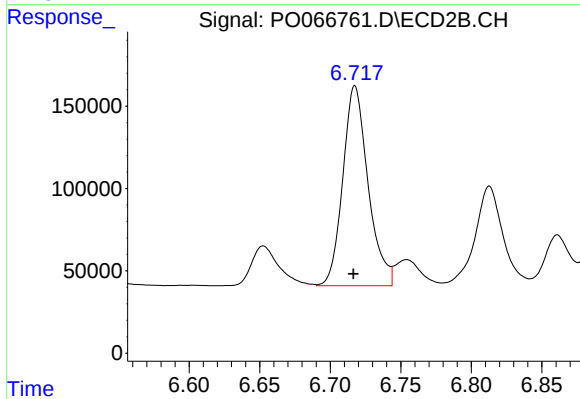
#33 AR-1260-3

R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 1776474
Conc: 504.49 ng/ml



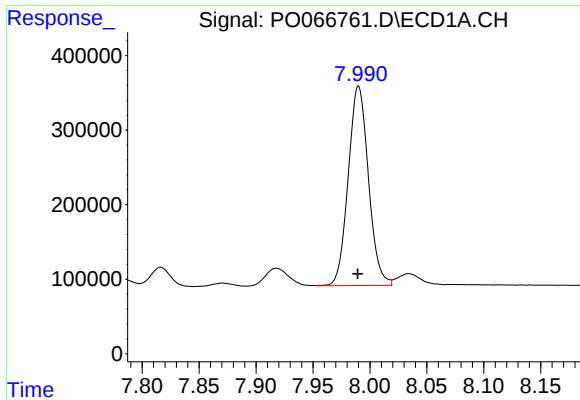
#34 AR-1260-4

R.T.: 7.684 min
Delta R.T.: 0.000 min
Response: 1490028
Conc: 593.15 ng/ml



#34 AR-1260-4

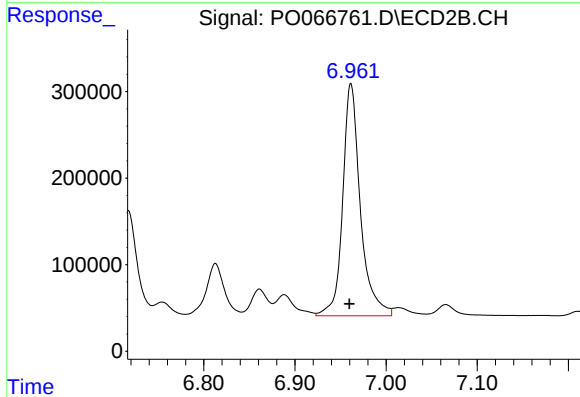
R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 1515187
Conc: 517.36 ng/ml



#35 AR-1260-5

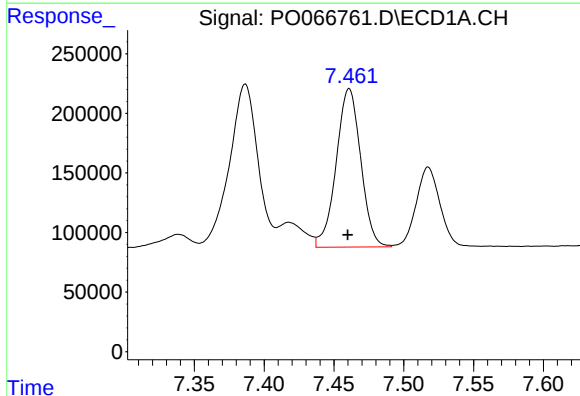
R.T.: 7.990 min
Delta R.T.: 0.000 min
Response: 3302822
Conc: 533.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



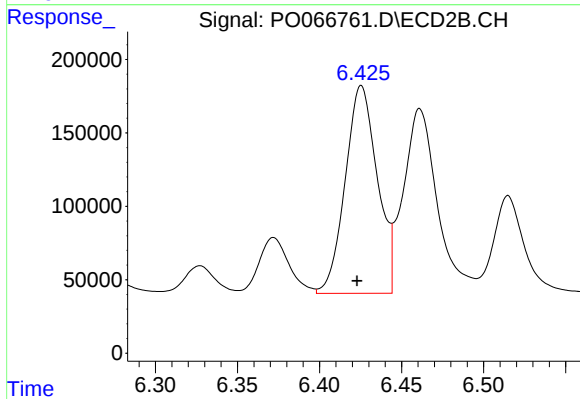
#35 AR-1260-5

R.T.: 6.961 min
Delta R.T.: 0.002 min
Response: 3623727
Conc: 479.00 ng/ml



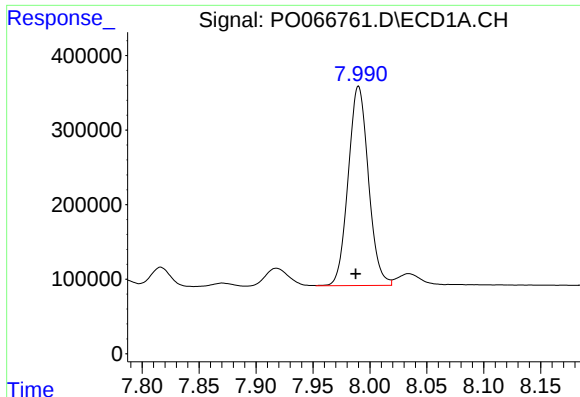
#36 AR-1262-1

R.T.: 7.461 min
Delta R.T.: 0.001 min
Response: 1626826
Conc: 418.93 ng/ml



#36 AR-1262-1

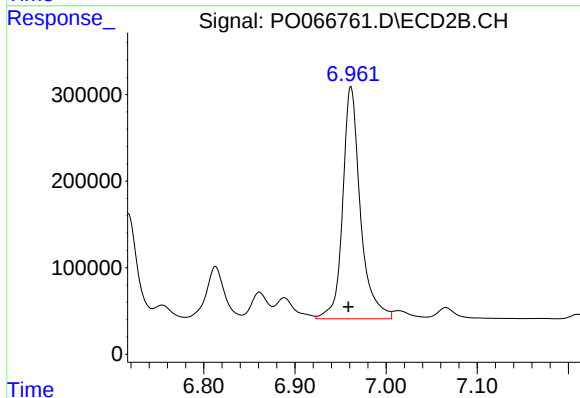
R.T.: 6.425 min
Delta R.T.: 0.003 min
Response: 1926387
Conc: 999.13 ng/ml



#37 AR-1262-2

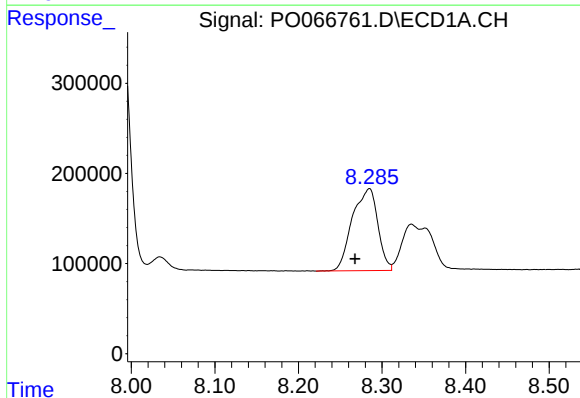
R.T.: 7.990 min
Delta R.T.: 0.003 min
Response: 3302822
Conc: 526.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



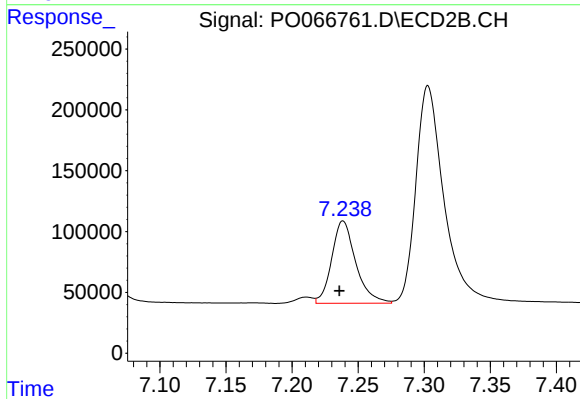
#37 AR-1262-2

R.T.: 6.961 min
Delta R.T.: 0.003 min
Response: 3623727
Conc: 453.56 ng/ml



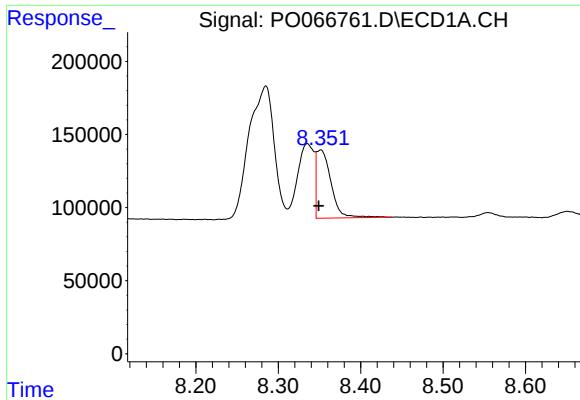
#38 AR-1262-3

R.T.: 8.285 min
Delta R.T.: 0.017 min
Response: 1924963
Conc: 473.85 ng/ml



#38 AR-1262-3

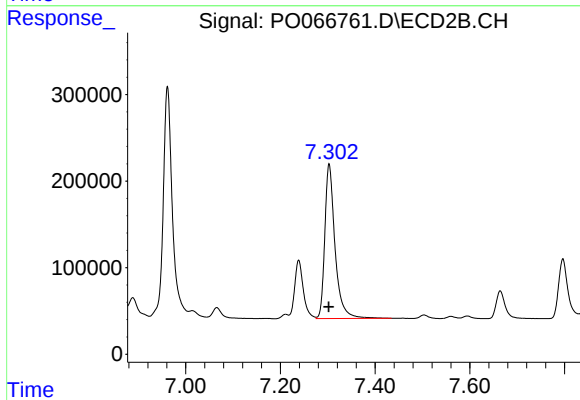
R.T.: 7.239 min
Delta R.T.: 0.003 min
Response: 860350
Conc: 264.54 ng/ml



#39 AR-1262-4

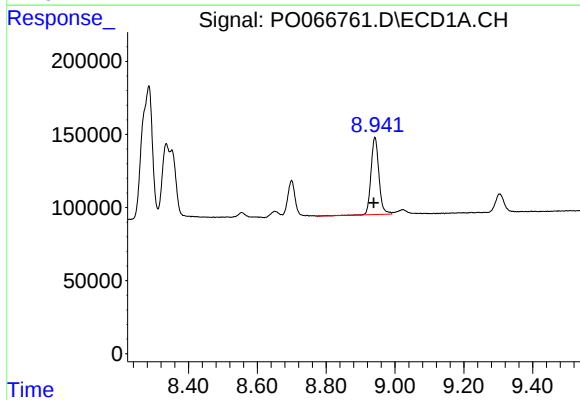
R.T.: 8.351 min
Delta R.T.: 0.002 min
Response: 573616
Conc: 186.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



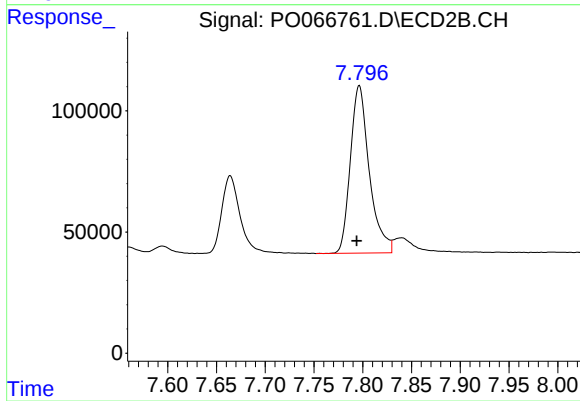
#39 AR-1262-4

R.T.: 7.303 min
Delta R.T.: 0.001 min
Response: 2682363
Conc: 466.67 ng/ml



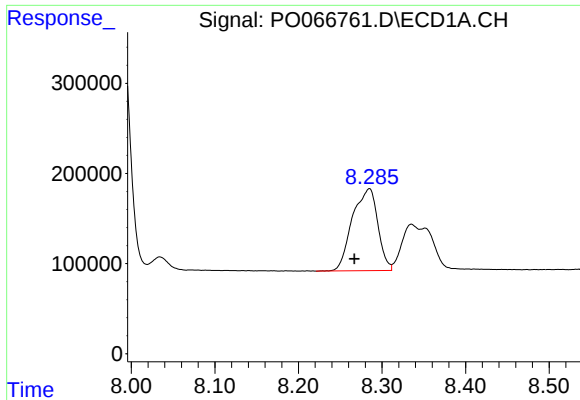
#40 AR-1262-5

R.T.: 8.942 min
Delta R.T.: 0.003 min
Response: 842569
Conc: 414.15 ng/ml



#40 AR-1262-5

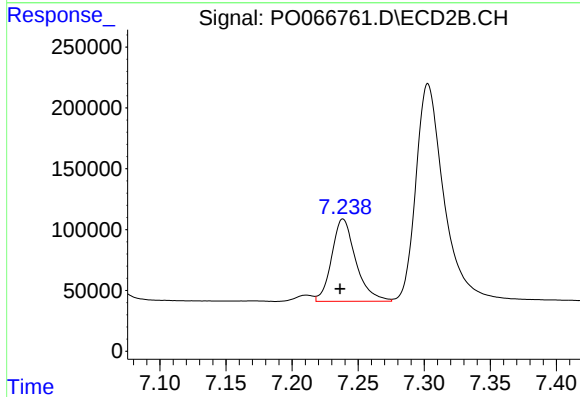
R.T.: 7.796 min
Delta R.T.: 0.003 min
Response: 935722
Conc: 373.34 ng/ml



#41 AR-1268-1

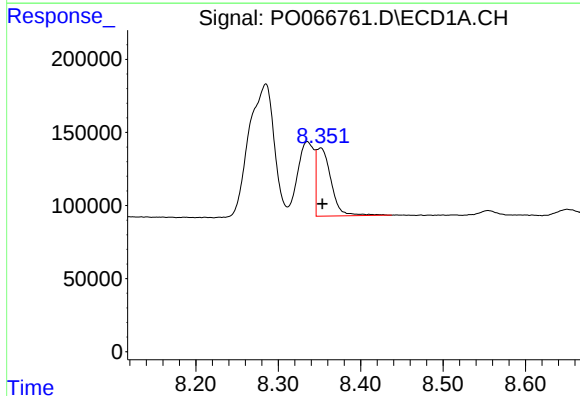
R.T.: 8.285 min
Delta R.T.: 0.018 min
Response: 1924963
Conc: 238.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



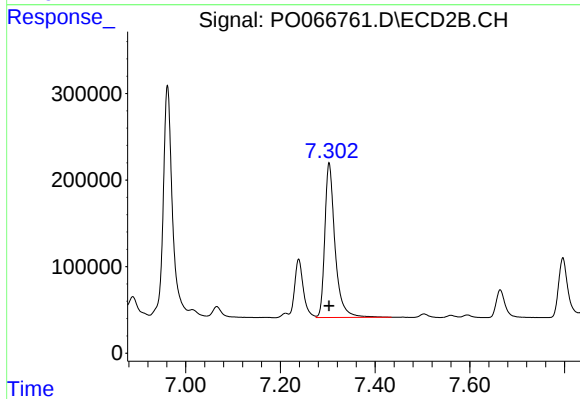
#41 AR-1268-1

R.T.: 7.239 min
Delta R.T.: 0.002 min
Response: 860350
Conc: 88.21 ng/ml



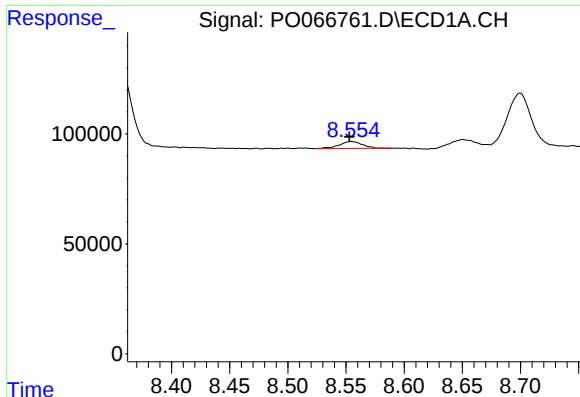
#42 AR-1268-2

R.T.: 8.351 min
Delta R.T.: -0.002 min
Response: 573616
Conc: 84.22 ng/ml



#42 AR-1268-2

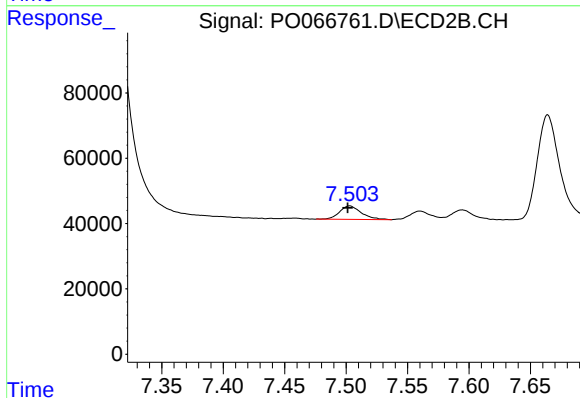
R.T.: 7.303 min
Delta R.T.: 0.000 min
Response: 2682363
Conc: 295.07 ng/ml



#43 AR-1268-3

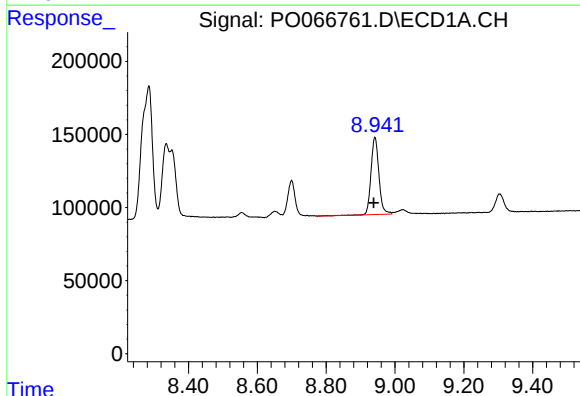
R.T.: 8.554 min
Delta R.T.: 0.001 min
Response: 44163
Conc: 7.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



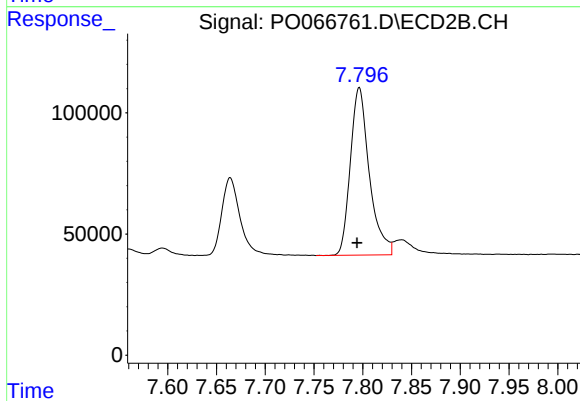
#43 AR-1268-3

R.T.: 7.503 min
Delta R.T.: 0.002 min
Response: 51006
Conc: 6.64 ng/ml



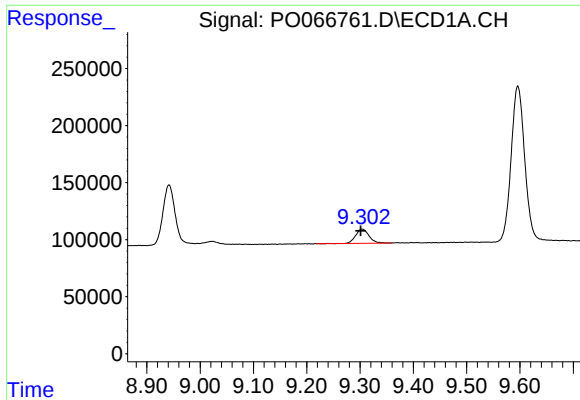
#44 AR-1268-4

R.T.: 8.942 min
Delta R.T.: 0.003 min
Response: 842569
Conc: 356.48 ng/ml



#44 AR-1268-4

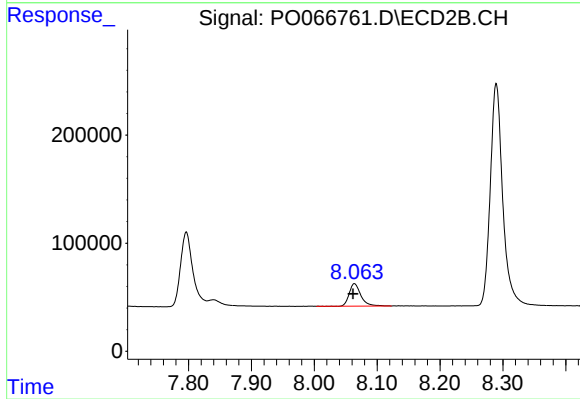
R.T.: 7.796 min
Delta R.T.: 0.002 min
Response: 935722
Conc: 316.13 ng/ml



#45 AR-1268-5

R.T.: 9.304 min
Delta R.T.: 0.003 min
Response: 214827
Conc: 13.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.064 min
Delta R.T.: 0.002 min
Response: 267462
Conc: 12.34 ng/ml