

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100219\
 Data File : PO061613.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Oct 2019 00:26
 Operator : HP/AJ
 Sample : K5137-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 01:12:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 01 15:34:04 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.368	3.528	1175010	859730	28.649	26.585
2)	SA Decachlor...	10.032	8.395	869496	581237	18.670	17.953
Target Compounds							
3)	L1 AR-1016-1	5.532	4.606	-13010	1295446	N.D.	963.399 #
4)	L1 AR-1016-2	5.556	4.606	60089	1295446	23.247	698.972 #
5)	L1 AR-1016-3	5.623	4.765	194919	451057	121.336	450.283 #
6)	L1 AR-1016-4	5.679	4.812	3130007	78857	2341.165	90.999 #
7)	L1 AR-1016-5	6.016	5.021	167457	250000	122.105	219.022 #
8)	L2 AR-1221-1	4.543	3.727	2674	6429	5.783	16.235 #
9)	L2 AR-1221-2	4.672	3.818	23520	19999	65.511	64.848
10)	L2 AR-1221-3	4.753	3.874	22637	193171	19.883	211.778 #
11)	L3 AR-1232-1	4.753	3.874	22637	193171	16.188	172.044 #
12)	L3 AR-1232-2	5.245	4.606	245115	1295446	312.424	1061.244 #
13)	L3 AR-1232-3	5.556	4.765	60089	451057	35.167	683.157 #
14)	L3 AR-1232-4	5.679	4.868	3130007	515313	3537.586	817.499 #
15)	L3 AR-1232-5	5.809	5.021	136340	250000	196.645	364.351 #
16)	L4 AR-1242-1	5.532	4.606	-13010	1295446	N.D.	1264.463 #
17)	L4 AR-1242-2	5.556	4.606	60089	1295446	29.897	918.610 #
18)	L4 AR-1242-3	5.623	4.765	194919	451057	154.467	577.624 #
19)	L4 AR-1242-4	5.679	4.868	3130007	515313	2978.780	627.971 #
20)	L4 AR-1242-5	6.429	5.365	1101338	2350393	823.434	2194.077 #
21)	L5 AR-1248-1	5.532	4.606	-13010	1295446	N.D.	1447.723 #
22)	L5 AR-1248-2	5.809	4.812	136340	78857	80.810	66.926
23)	L5 AR-1248-3	6.016	4.868	167457	515313	89.605	415.147 #
24)	L5 AR-1248-4	6.395	5.021	2879094	250000	1218.489	166.301 #
25)	L5 AR-1248-5	6.429	5.403	1101338	388373	485.719	253.150 #
26)	L6 AR-1254-1	6.395	5.365	2879094	2350393	1261.988	1071.628
27)	L6 AR-1254-2	6.612	5.500	2487827	379485	688.563	193.566 #
28)	L6 AR-1254-3	6.977	5.894	1052418	151286	269.343	47.518 #
29)	L6 AR-1254-4	7.251	6.133	214953	298063	70.974	146.912 #
30)	L6 AR-1254-5	7.667	6.529	187605	195988	59.739	69.291
31)	L7 AR-1260-1	7.130	6.026	253646	180948	97.162	88.709
32)	L7 AR-1260-2	7.381	6.195	1534322	421383	481.281	175.449 #
33)	L7 AR-1260-3	7.743	6.359	128329	170518	53.429	75.681 #
34)	L7 AR-1260-4	7.968	6.823	180348	106154	67.494	57.498
35)	L7 AR-1260-5	8.281	7.061	165040	144135	33.354	37.018
36)	L8 AR-1262-1	7.743	6.622	128329	73438	33.493	60.163 #
37)	L8 AR-1262-2	8.281	7.061	165040	144135	26.585	31.347
38)	L8 AR-1262-3	8.600	7.340	135206	40873	32.530	21.697 #
39)	L8 AR-1262-4	8.673	7.402	56088	105452	17.767	31.378 #
40)	L8 AR-1262-5	9.309	7.890	51755	40973	25.450	27.027
41)	L9 AR-1268-1	8.600	7.340	135206	40873	20.107	8.464 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100219\
 Data File : P0061613.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Oct 2019 00:26
 Operator : HP/AJ
 Sample : K5137-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

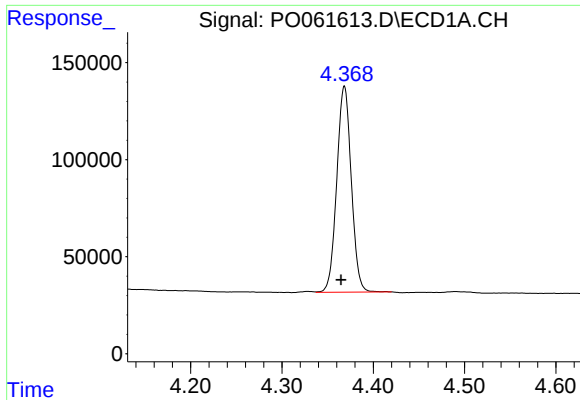
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 01:12:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.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	8.673	7.402	56088	105452	9.058	24.468 #
43) L9	AR-1268-3	8.896	7.605	28422	19619	5.560	5.474
44) L9	AR-1268-4	9.309	7.890	51755	40973	23.669	25.458
45) L9	AR-1268-5	9.710	8.162	53151	39502	3.538	3.928

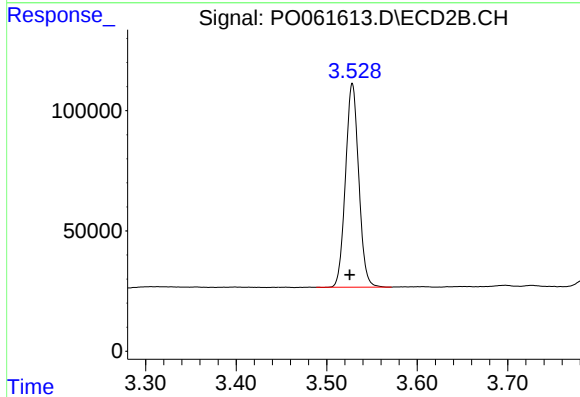
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

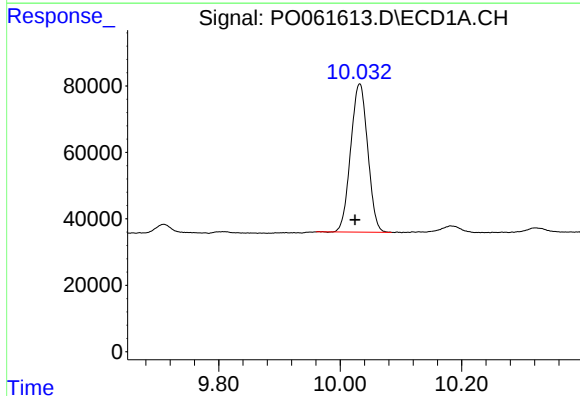
R.T.: 4.368 min
Delta R.T.: 0.003 min
Response: 1175010
Conc: 28.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



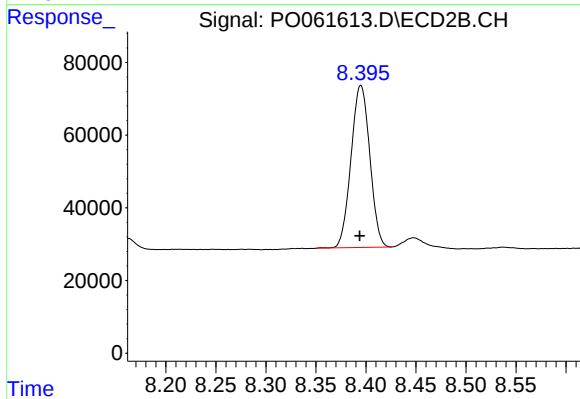
#1 Tetrachloro-m-xylene

R.T.: 3.528 min
Delta R.T.: 0.003 min
Response: 859730
Conc: 26.58 ng/ml



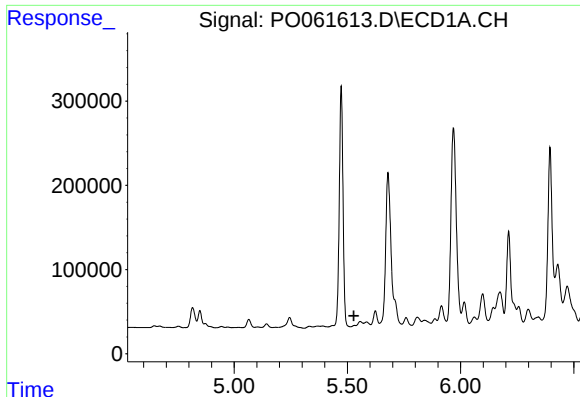
#2 Decachlorobiphenyl

R.T.: 10.032 min
Delta R.T.: 0.007 min
Response: 869496
Conc: 18.67 ng/ml



#2 Decachlorobiphenyl

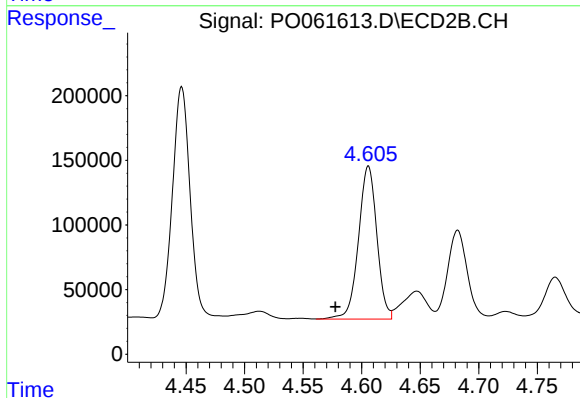
R.T.: 8.395 min
Delta R.T.: 0.000 min
Response: 581237
Conc: 17.95 ng/ml



#3 AR-1016-1

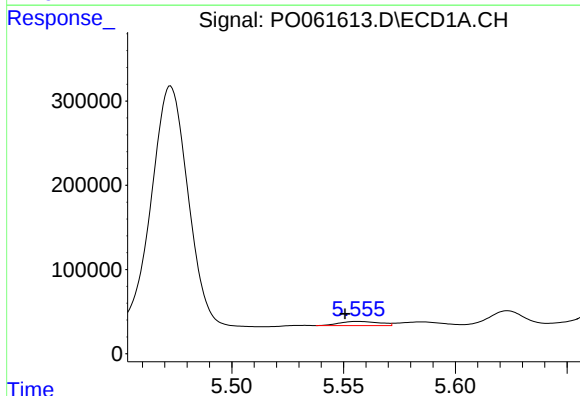
R.T.: 5.532 min
Delta R.T.: 0.003 min
Response: -13010
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



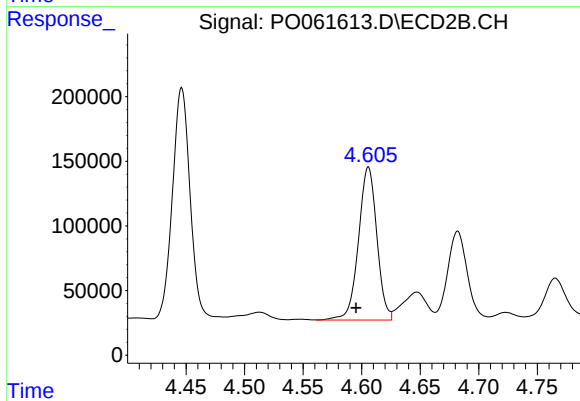
#3 AR-1016-1

R.T.: 4.606 min
Delta R.T.: 0.028 min
Response: 1295446
Conc: 963.40 ng/ml



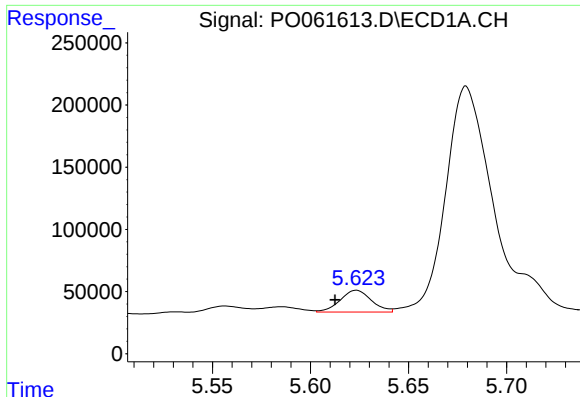
#4 AR-1016-2

R.T.: 5.556 min
Delta R.T.: 0.006 min
Response: 60089
Conc: 23.25 ng/ml



#4 AR-1016-2

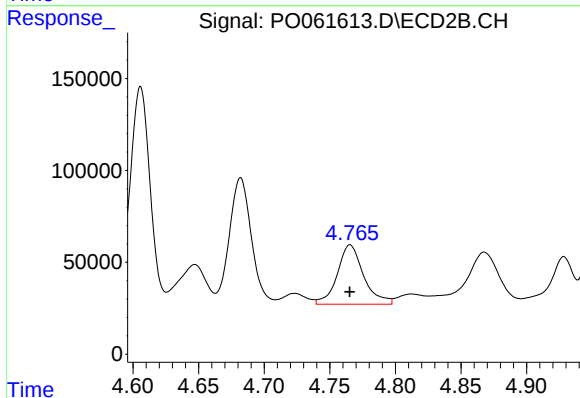
R.T.: 4.606 min
Delta R.T.: 0.011 min
Response: 1295446
Conc: 698.97 ng/ml



#5 AR-1016-3

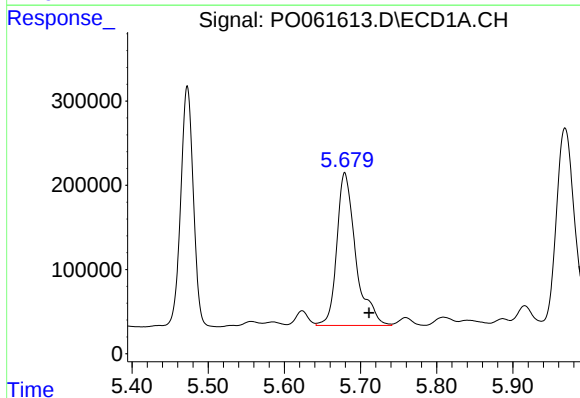
R.T.: 5.623 min
Delta R.T.: 0.011 min
Response: 194919
Conc: 121.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



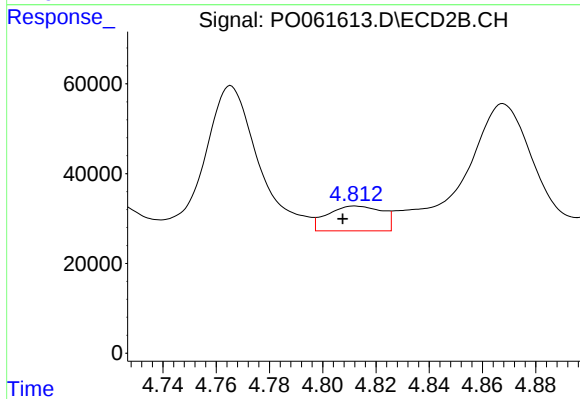
#5 AR-1016-3

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 451057
Conc: 450.28 ng/ml



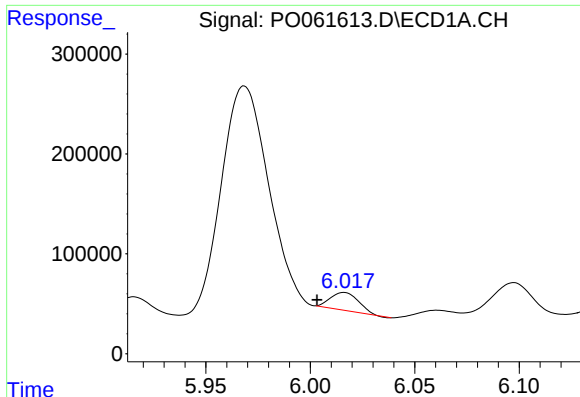
#6 AR-1016-4

R.T.: 5.679 min
Delta R.T.: -0.032 min
Response: 3130007
Conc: 2341.16 ng/ml



#6 AR-1016-4

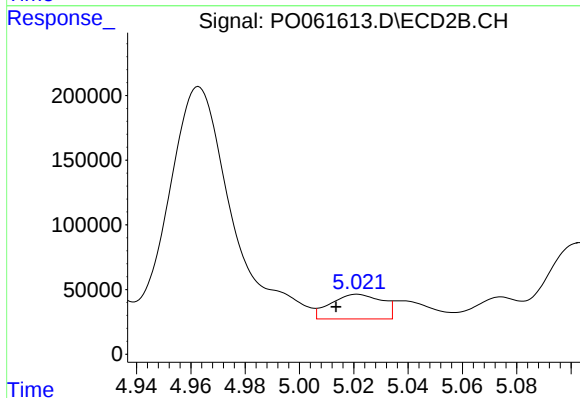
R.T.: 4.812 min
Delta R.T.: 0.004 min
Response: 78857
Conc: 91.00 ng/ml



#7 AR-1016-5

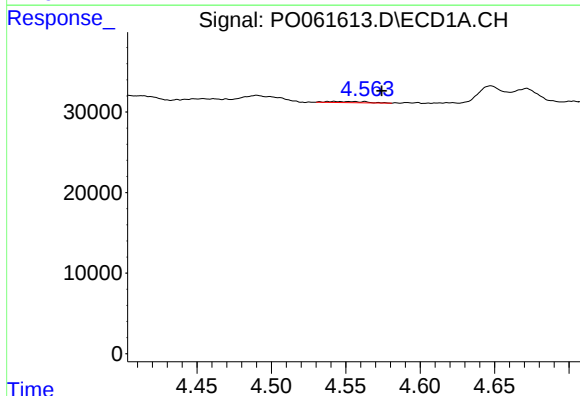
R.T.: 6.016 min
Delta R.T.: 0.013 min
Response: 167457
Conc: 122.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



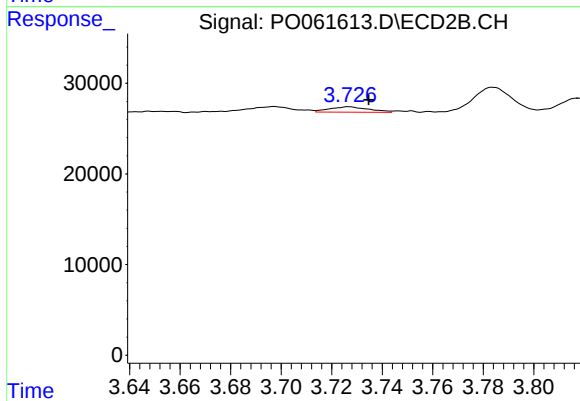
#7 AR-1016-5

R.T.: 5.021 min
Delta R.T.: 0.008 min
Response: 250000
Conc: 219.02 ng/ml



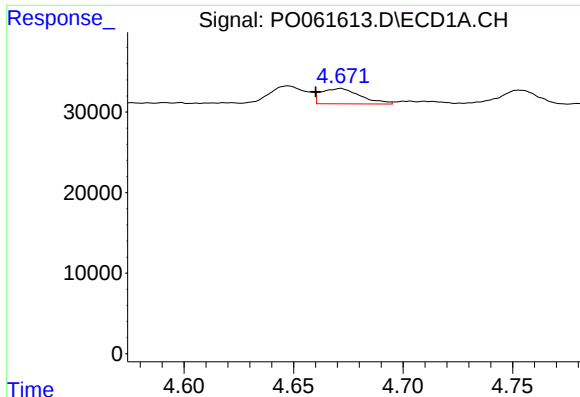
#8 AR-1221-1

R.T.: 4.543 min
Delta R.T.: -0.032 min
Response: 2674
Conc: 5.78 ng/ml



#8 AR-1221-1

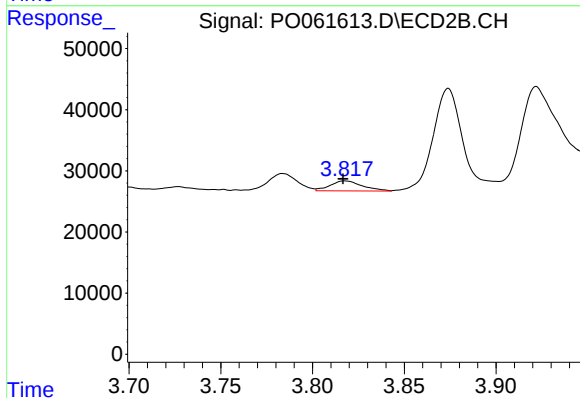
R.T.: 3.727 min
Delta R.T.: -0.008 min
Response: 6429
Conc: 16.23 ng/ml



#9 AR-1221-2

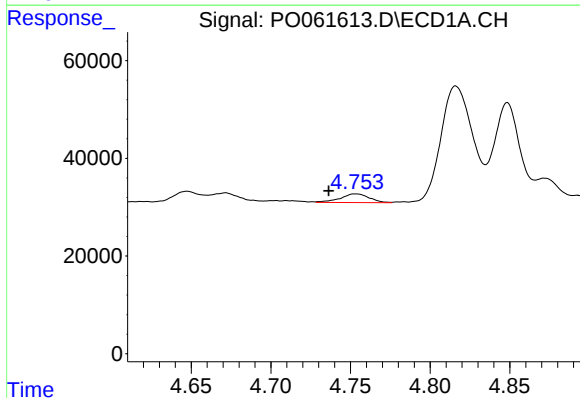
R.T.: 4.672 min
Delta R.T.: 0.011 min
Response: 23520
Conc: 65.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



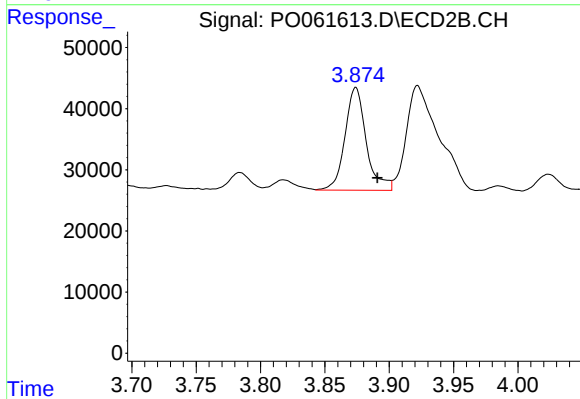
#9 AR-1221-2

R.T.: 3.818 min
Delta R.T.: 0.000 min
Response: 19999
Conc: 64.85 ng/ml



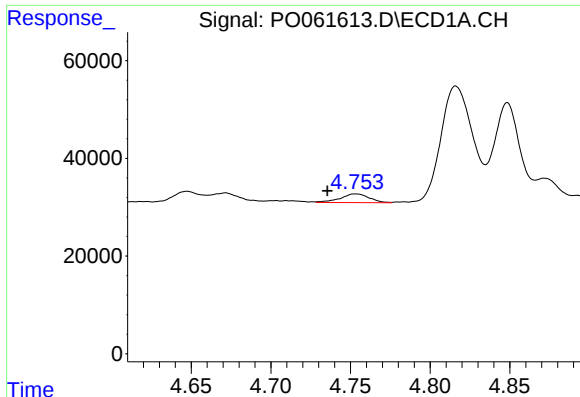
#10 AR-1221-3

R.T.: 4.753 min
Delta R.T.: 0.017 min
Response: 22637
Conc: 19.88 ng/ml



#10 AR-1221-3

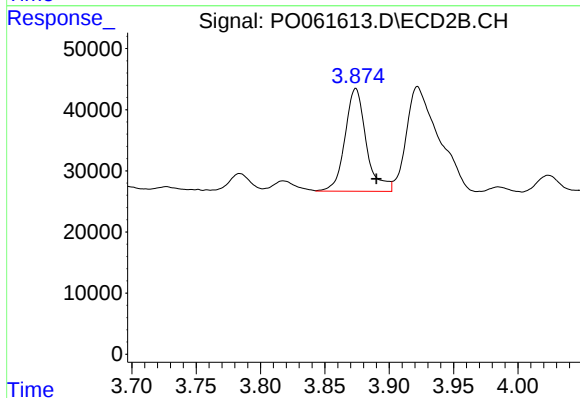
R.T.: 3.874 min
Delta R.T.: -0.017 min
Response: 193171
Conc: 211.78 ng/ml



#11 AR-1232-1

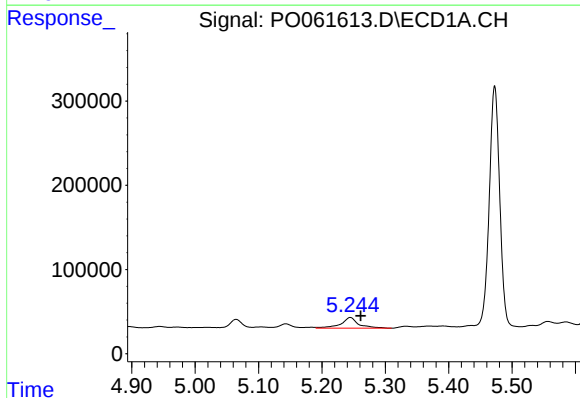
R.T.: 4.753 min
Delta R.T.: 0.018 min
Response: 22637
Conc: 16.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



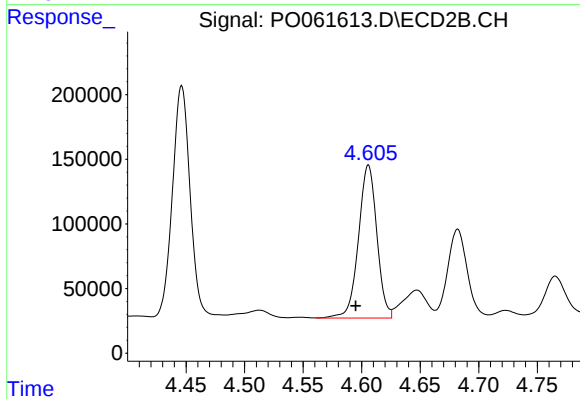
#11 AR-1232-1

R.T.: 3.874 min
Delta R.T.: -0.016 min
Response: 193171
Conc: 172.04 ng/ml



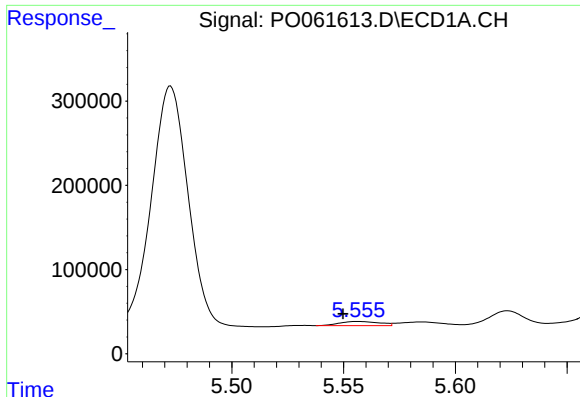
#12 AR-1232-2

R.T.: 5.245 min
Delta R.T.: -0.016 min
Response: 245115
Conc: 312.42 ng/ml



#12 AR-1232-2

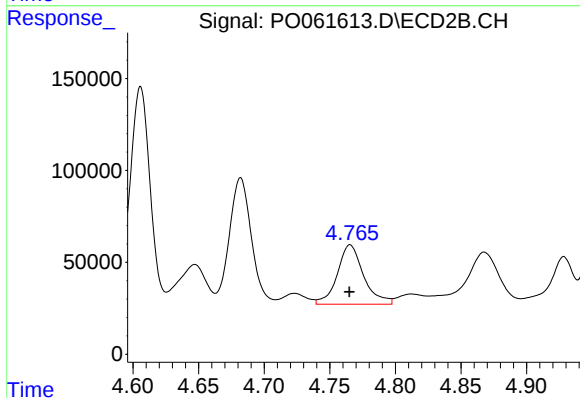
R.T.: 4.606 min
Delta R.T.: 0.011 min
Response: 1295446
Conc: 1061.24 ng/ml



#13 AR-1232-3

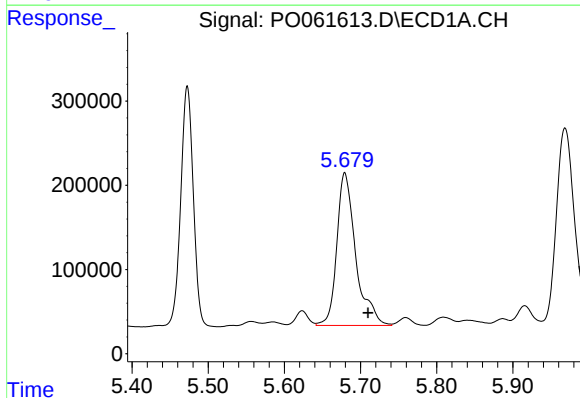
R.T.: 5.556 min
Delta R.T.: 0.007 min
Response: 60089
Conc: 35.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



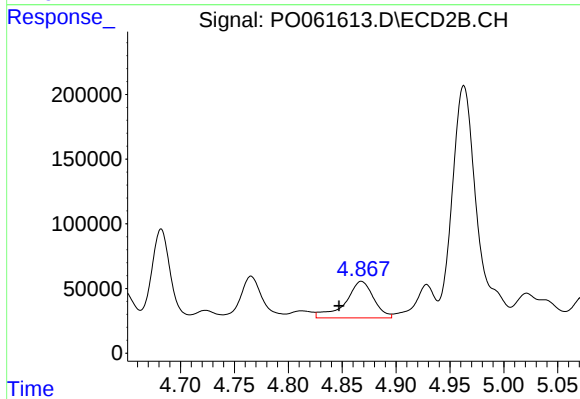
#13 AR-1232-3

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 451057
Conc: 683.16 ng/ml



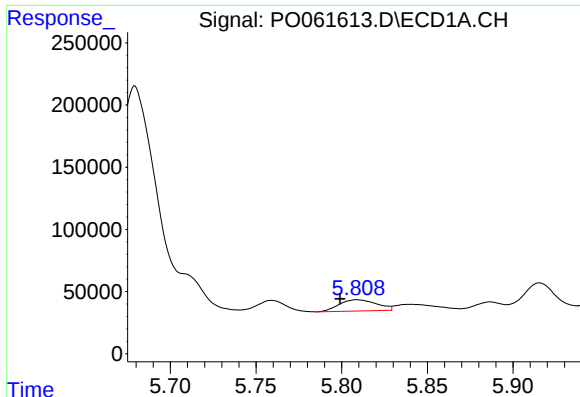
#14 AR-1232-4

R.T.: 5.679 min
Delta R.T.: -0.031 min
Response: 3130007
Conc: 3537.59 ng/ml



#14 AR-1232-4

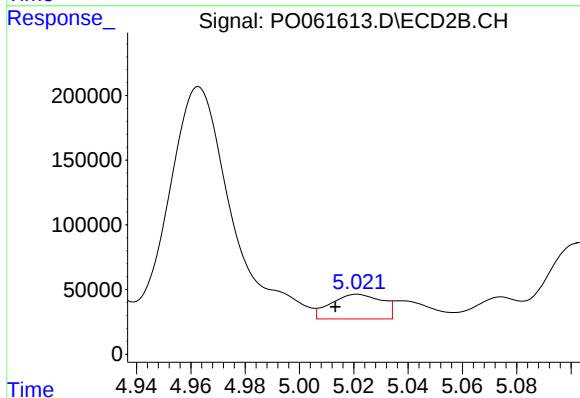
R.T.: 4.868 min
Delta R.T.: 0.021 min
Response: 515313
Conc: 817.50 ng/ml



#15 AR-1232-5

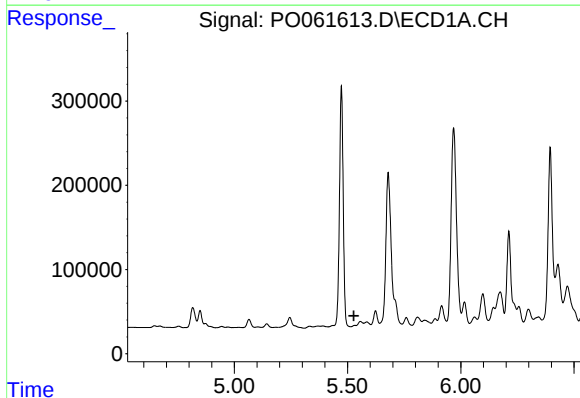
R.T.: 5.809 min
Delta R.T.: 0.010 min
Response: 136340
Conc: 196.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



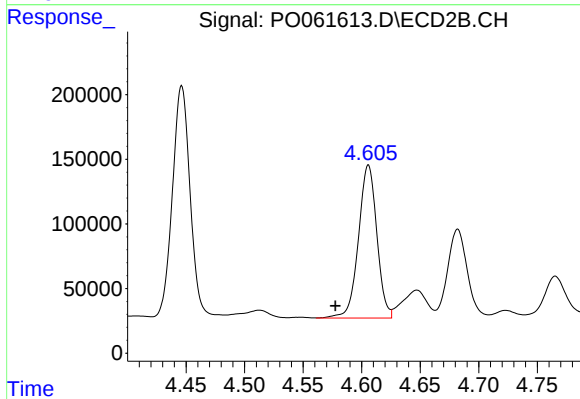
#15 AR-1232-5

R.T.: 5.021 min
Delta R.T.: 0.008 min
Response: 250000
Conc: 364.35 ng/ml



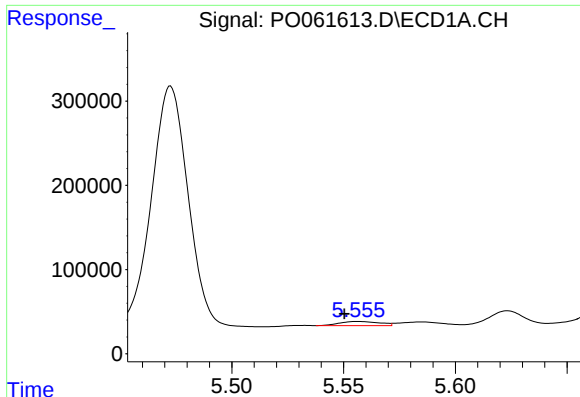
#16 AR-1242-1

R.T.: 5.532 min
Delta R.T.: 0.004 min
Response: -13010
Conc: N.D.



#16 AR-1242-1

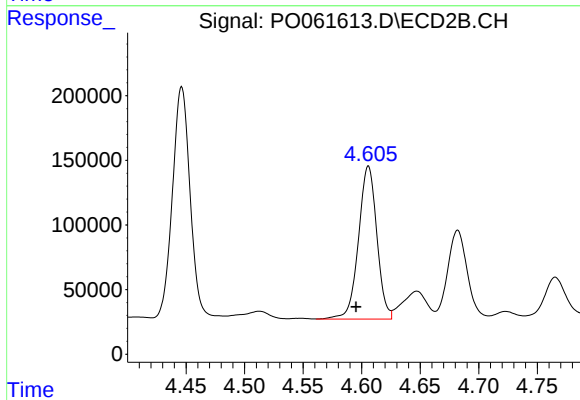
R.T.: 4.606 min
Delta R.T.: 0.028 min
Response: 1295446
Conc: 1264.46 ng/ml



#17 AR-1242-2

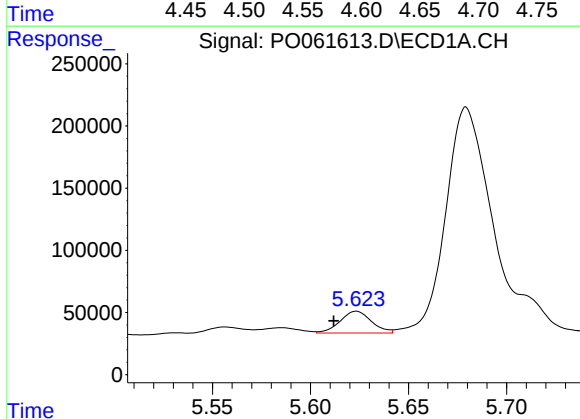
R.T.: 5.556 min
Delta R.T.: 0.006 min
Response: 60089
Conc: 29.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



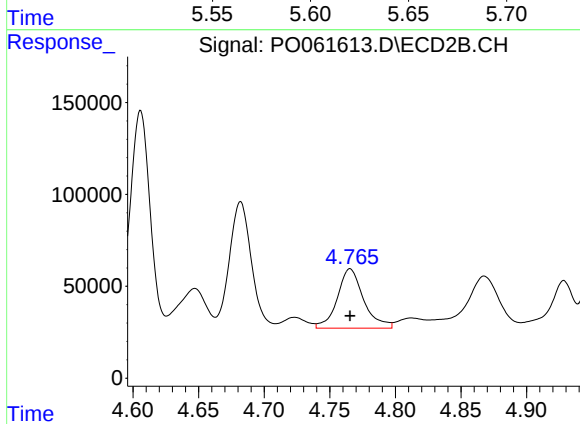
#17 AR-1242-2

R.T.: 4.606 min
Delta R.T.: 0.011 min
Response: 1295446
Conc: 918.61 ng/ml



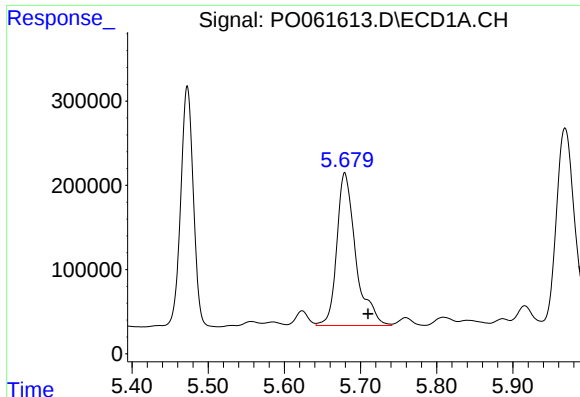
#18 AR-1242-3

R.T.: 5.623 min
Delta R.T.: 0.011 min
Response: 194919
Conc: 154.47 ng/ml



#18 AR-1242-3

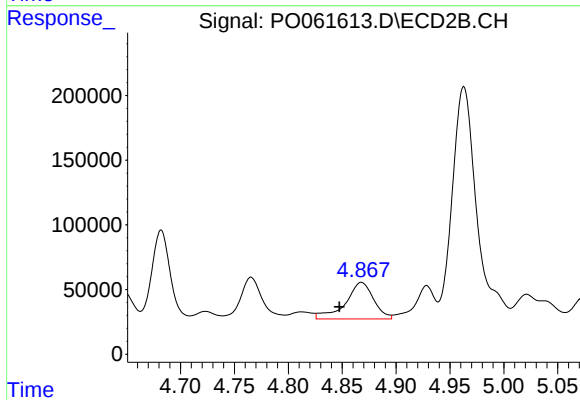
R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 451057
Conc: 577.62 ng/ml



#19 AR-1242-4

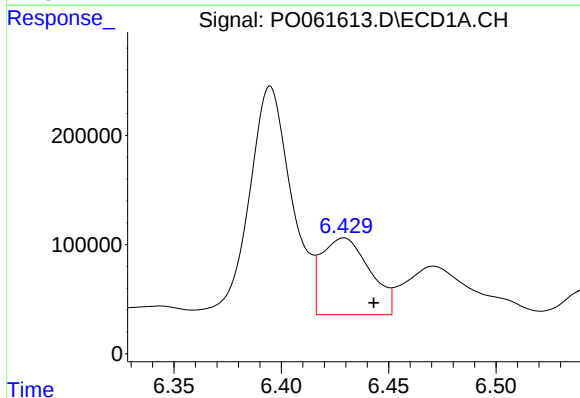
R.T.: 5.679 min
Delta R.T.: -0.031 min
Response: 3130007
Conc: 2978.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



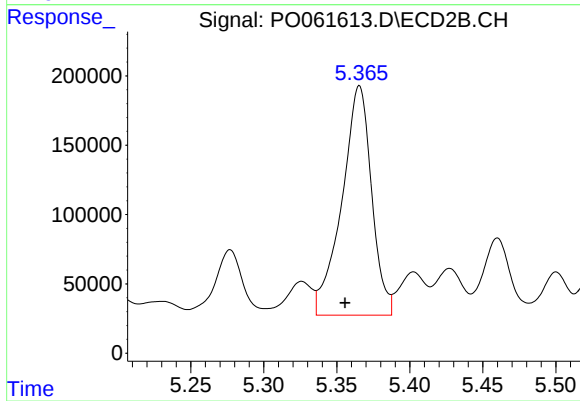
#19 AR-1242-4

R.T.: 4.868 min
Delta R.T.: 0.020 min
Response: 515313
Conc: 627.97 ng/ml



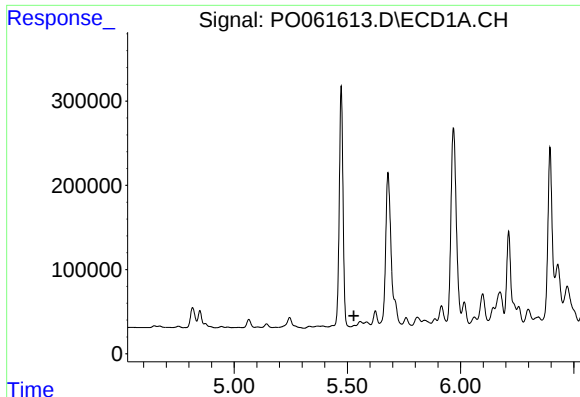
#20 AR-1242-5

R.T.: 6.429 min
Delta R.T.: -0.014 min
Response: 1101338
Conc: 823.43 ng/ml



#20 AR-1242-5

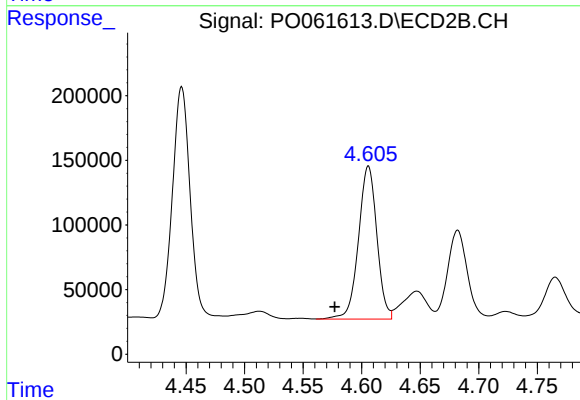
R.T.: 5.365 min
Delta R.T.: 0.010 min
Response: 2350393
Conc: 2194.08 ng/ml



#21 AR-1248-1

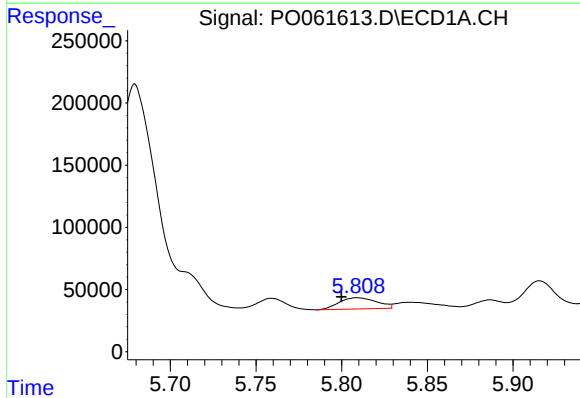
R.T.: 5.532 min
Delta R.T.: 0.004 min
Response: -13010
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



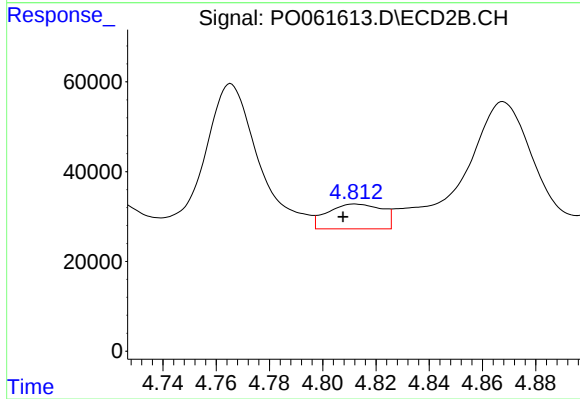
#21 AR-1248-1

R.T.: 4.606 min
Delta R.T.: 0.029 min
Response: 1295446
Conc: 1447.72 ng/ml



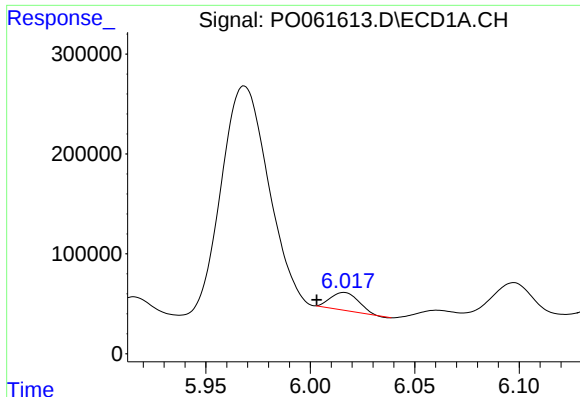
#22 AR-1248-2

R.T.: 5.809 min
Delta R.T.: 0.009 min
Response: 136340
Conc: 80.81 ng/ml



#22 AR-1248-2

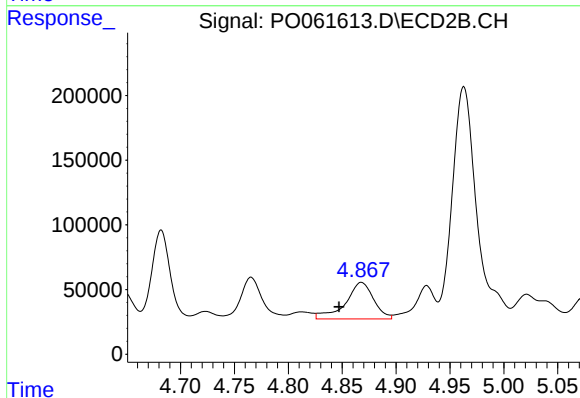
R.T.: 4.812 min
Delta R.T.: 0.004 min
Response: 78857
Conc: 66.93 ng/ml



#23 AR-1248-3

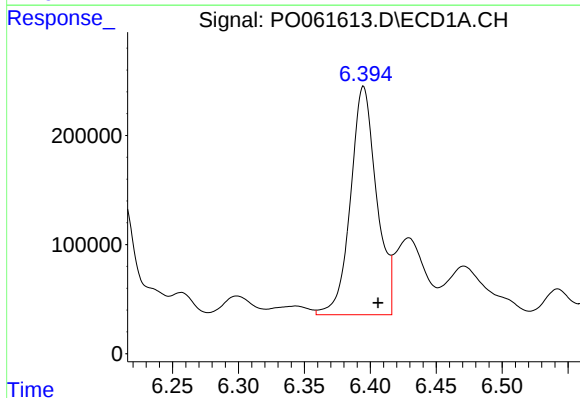
R.T.: 6.016 min
Delta R.T.: 0.013 min
Response: 167457
Conc: 89.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



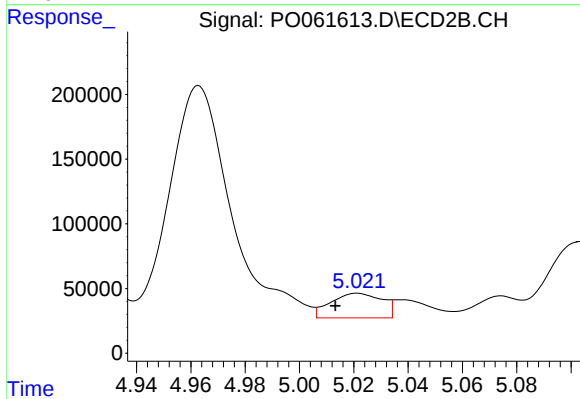
#23 AR-1248-3

R.T.: 4.868 min
Delta R.T.: 0.021 min
Response: 515313
Conc: 415.15 ng/ml



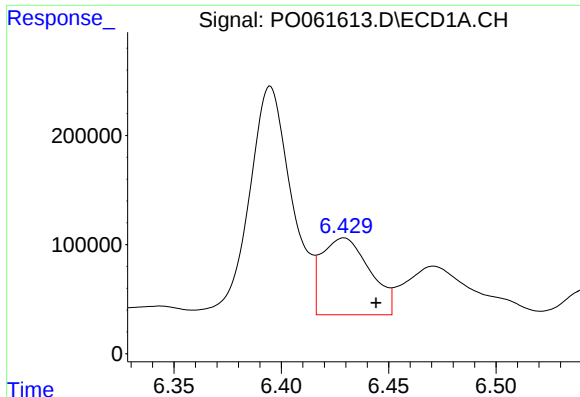
#24 AR-1248-4

R.T.: 6.395 min
Delta R.T.: -0.011 min
Response: 2879094
Conc: 1218.49 ng/ml



#24 AR-1248-4

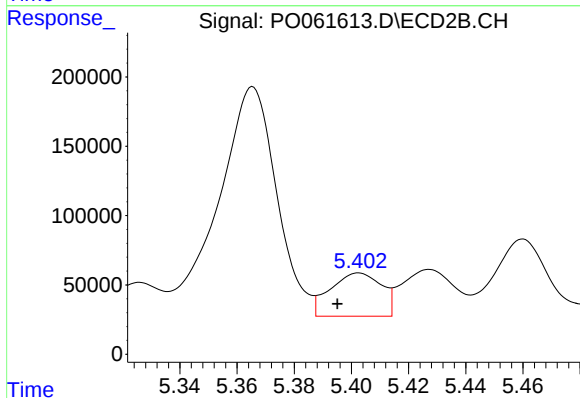
R.T.: 5.021 min
Delta R.T.: 0.008 min
Response: 250000
Conc: 166.30 ng/ml



#25 AR-1248-5

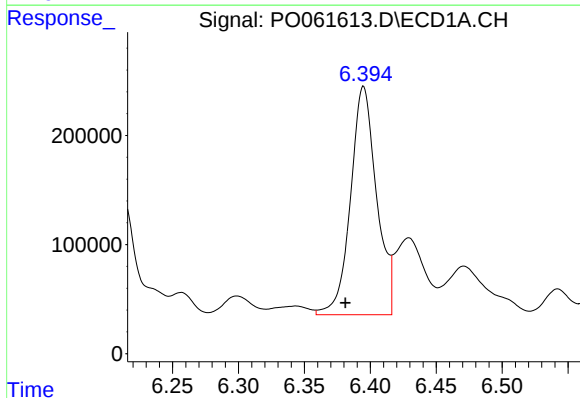
R.T.: 6.429 min
Delta R.T.: -0.015 min
Response: 1101338
Conc: 485.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



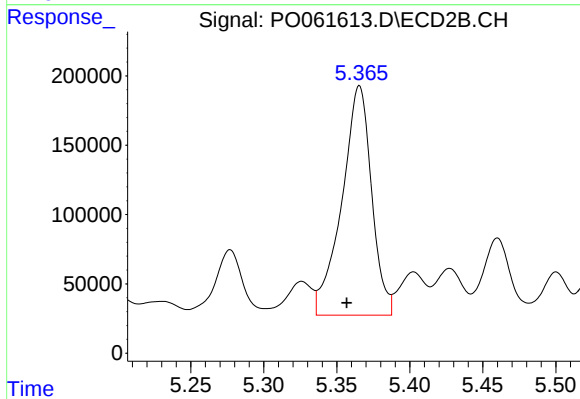
#25 AR-1248-5

R.T.: 5.403 min
Delta R.T.: 0.007 min
Response: 388373
Conc: 253.15 ng/ml



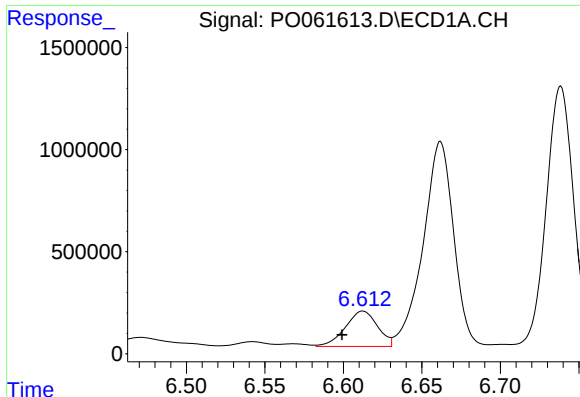
#26 AR-1254-1

R.T.: 6.395 min
Delta R.T.: 0.014 min
Response: 2879094
Conc: 1261.99 ng/ml



#26 AR-1254-1

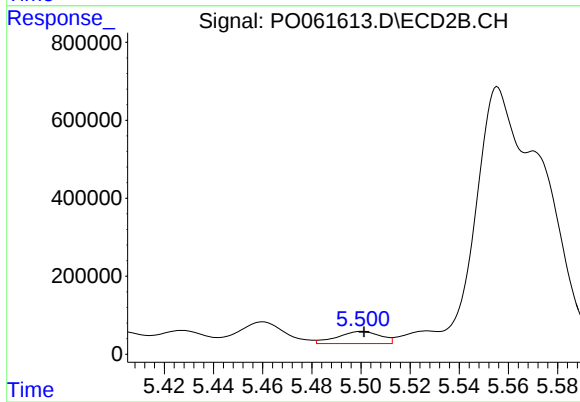
R.T.: 5.365 min
Delta R.T.: 0.009 min
Response: 2350393
Conc: 1071.63 ng/ml



#27 AR-1254-2

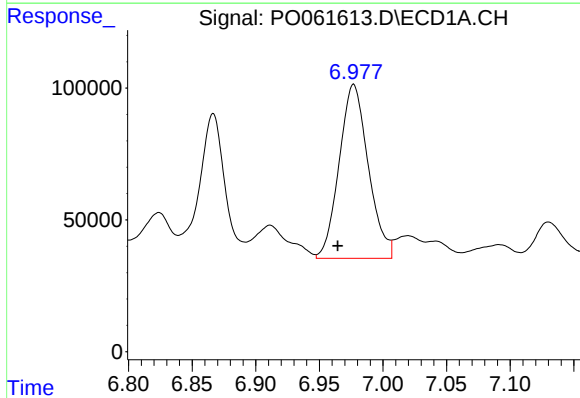
R.T.: 6.612 min
Delta R.T.: 0.013 min
Response: 2487827
Conc: 688.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



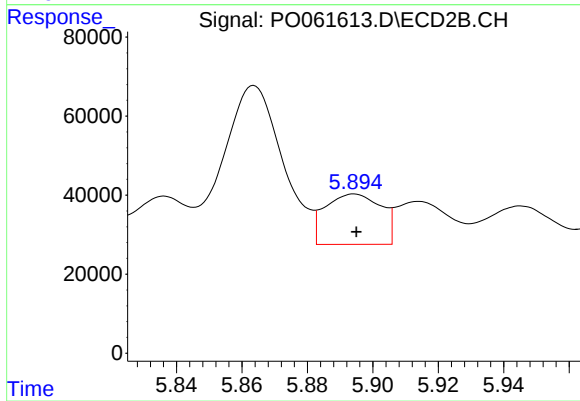
#27 AR-1254-2

R.T.: 5.500 min
Delta R.T.: -0.001 min
Response: 379485
Conc: 193.57 ng/ml



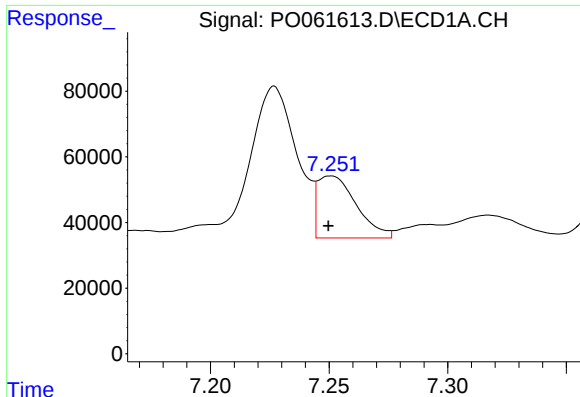
#28 AR-1254-3

R.T.: 6.977 min
Delta R.T.: 0.013 min
Response: 1052418
Conc: 269.34 ng/ml



#28 AR-1254-3

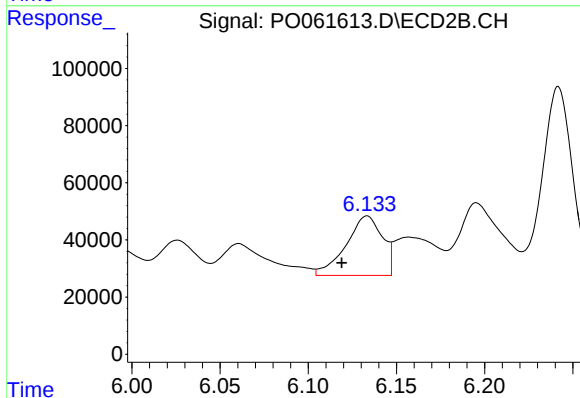
R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 151286
Conc: 47.52 ng/ml



#29 AR-1254-4

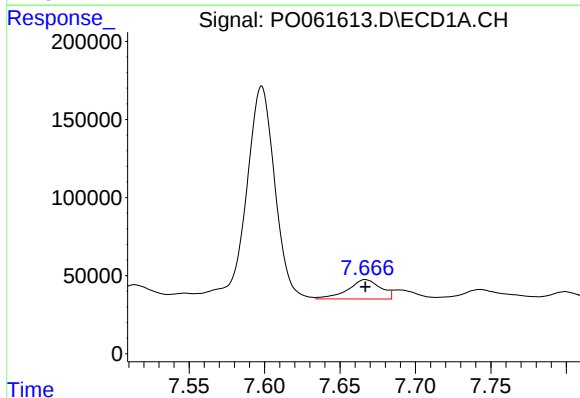
R.T.: 7.251 min
Delta R.T.: 0.001 min
Response: 214953
Conc: 70.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



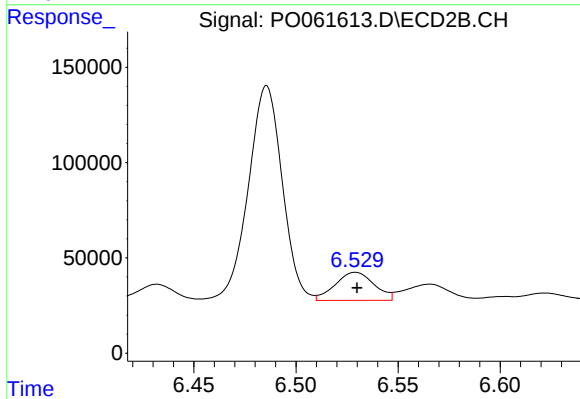
#29 AR-1254-4

R.T.: 6.133 min
Delta R.T.: 0.014 min
Response: 298063
Conc: 146.91 ng/ml



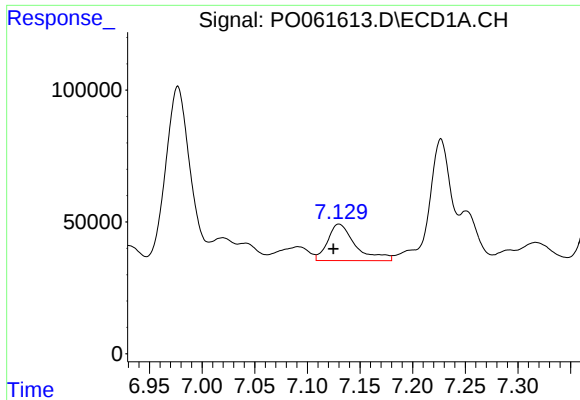
#30 AR-1254-5

R.T.: 7.667 min
Delta R.T.: 0.000 min
Response: 187605
Conc: 59.74 ng/ml



#30 AR-1254-5

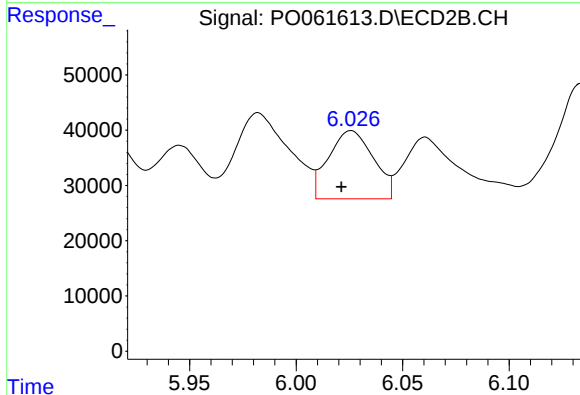
R.T.: 6.529 min
Delta R.T.: 0.000 min
Response: 195988
Conc: 69.29 ng/ml



#31 AR-1260-1

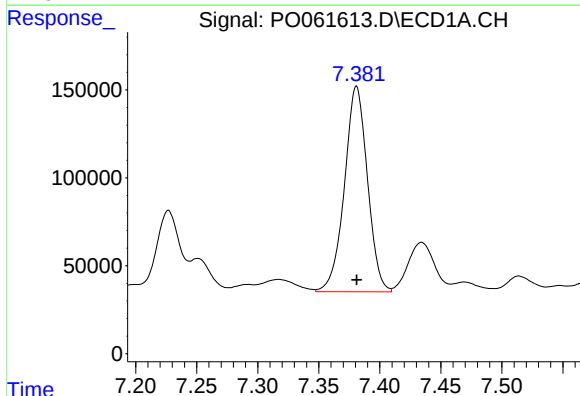
R.T.: 7.130 min
Delta R.T.: 0.005 min
Response: 253646
Conc: 97.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



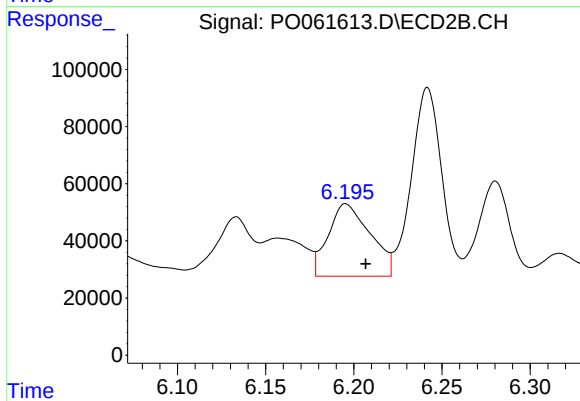
#31 AR-1260-1

R.T.: 6.026 min
Delta R.T.: 0.004 min
Response: 180948
Conc: 88.71 ng/ml



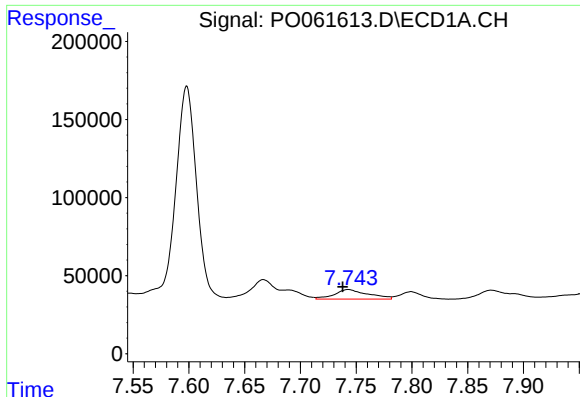
#32 AR-1260-2

R.T.: 7.381 min
Delta R.T.: 0.000 min
Response: 1534322
Conc: 481.28 ng/ml



#32 AR-1260-2

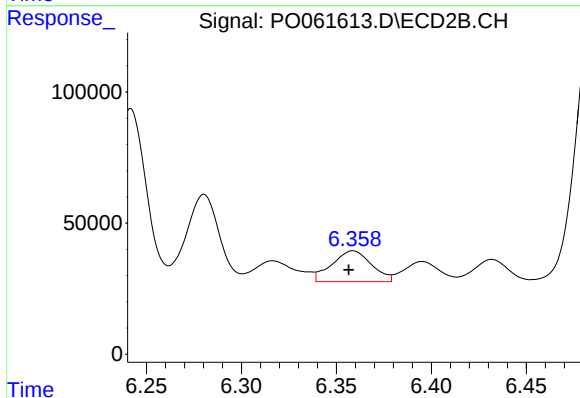
R.T.: 6.195 min
Delta R.T.: -0.011 min
Response: 421383
Conc: 175.45 ng/ml



#33 AR-1260-3

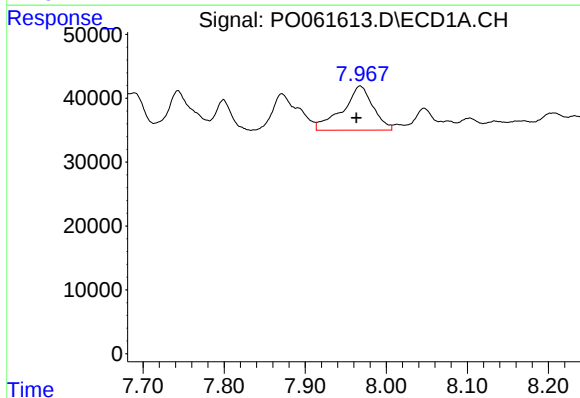
R.T.: 7.743 min
Delta R.T.: 0.005 min
Response: 128329
Conc: 53.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



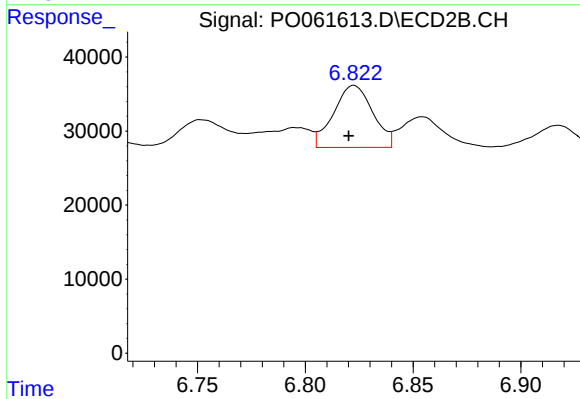
#33 AR-1260-3

R.T.: 6.359 min
Delta R.T.: 0.002 min
Response: 170518
Conc: 75.68 ng/ml



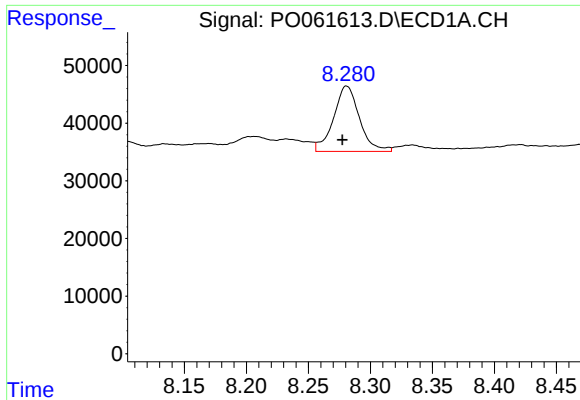
#34 AR-1260-4

R.T.: 7.968 min
Delta R.T.: 0.005 min
Response: 180348
Conc: 67.49 ng/ml



#34 AR-1260-4

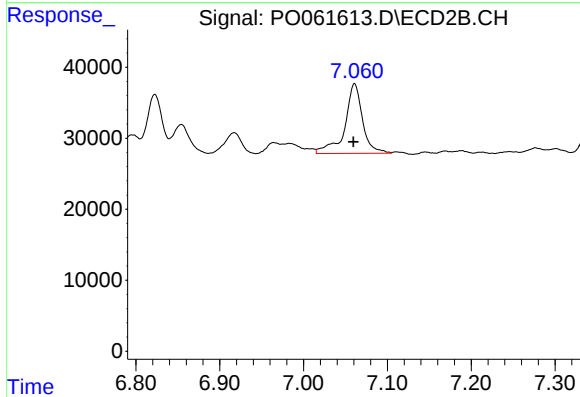
R.T.: 6.823 min
Delta R.T.: 0.002 min
Response: 106154
Conc: 57.50 ng/ml



#35 AR-1260-5

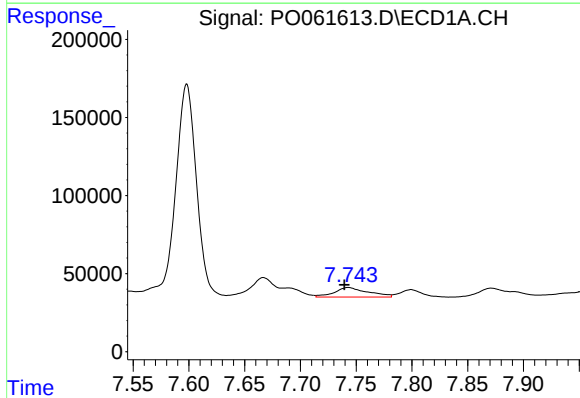
R.T.: 8.281 min
Delta R.T.: 0.003 min
Response: 165040
Conc: 33.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



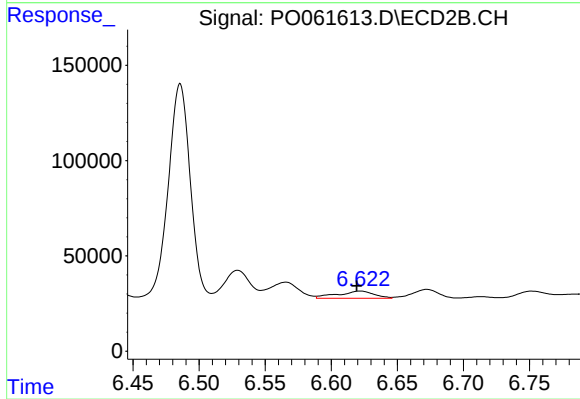
#35 AR-1260-5

R.T.: 7.061 min
Delta R.T.: 0.001 min
Response: 144135
Conc: 37.02 ng/ml



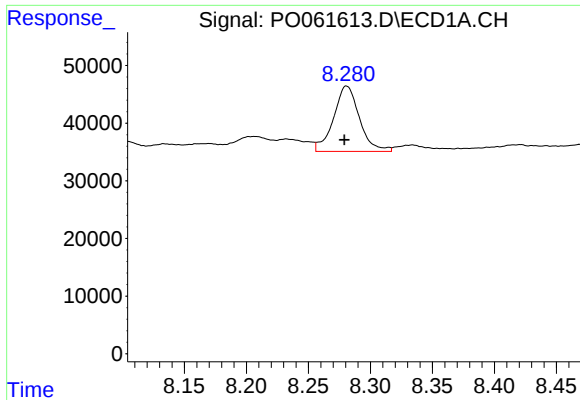
#36 AR-1262-1

R.T.: 7.743 min
Delta R.T.: 0.003 min
Response: 128329
Conc: 33.49 ng/ml



#36 AR-1262-1

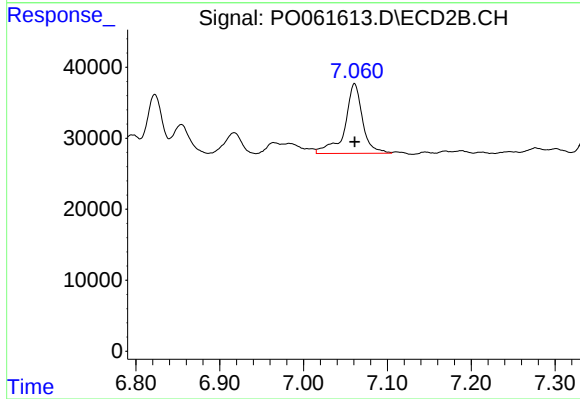
R.T.: 6.622 min
Delta R.T.: 0.003 min
Response: 73438
Conc: 60.16 ng/ml



#37 AR-1262-2

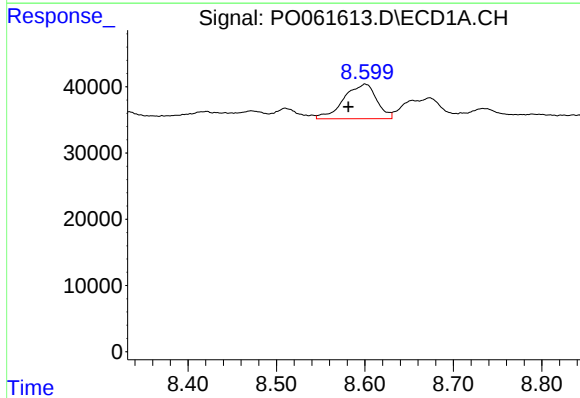
R.T.: 8.281 min
Delta R.T.: 0.002 min
Response: 165040
Conc: 26.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



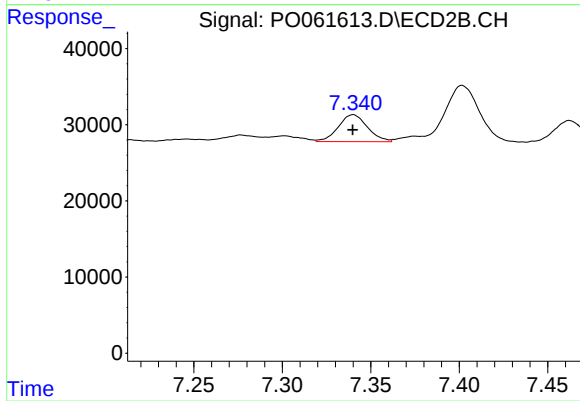
#37 AR-1262-2

R.T.: 7.061 min
Delta R.T.: 0.000 min
Response: 144135
Conc: 31.35 ng/ml



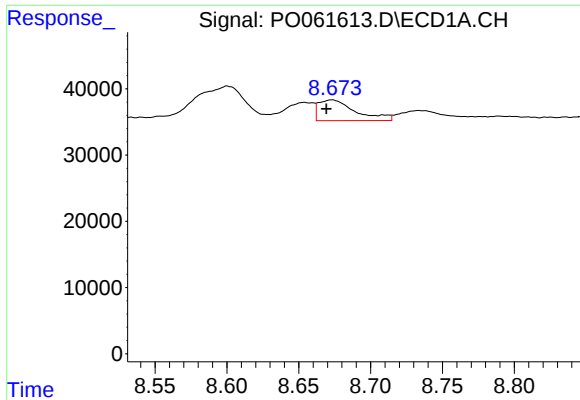
#38 AR-1262-3

R.T.: 8.600 min
Delta R.T.: 0.019 min
Response: 135206
Conc: 32.53 ng/ml



#38 AR-1262-3

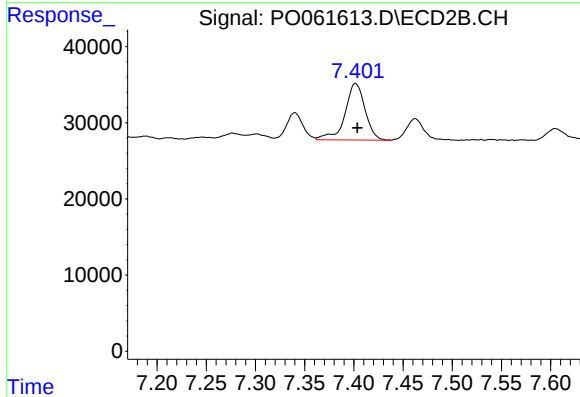
R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 40873
Conc: 21.70 ng/ml



#39 AR-1262-4

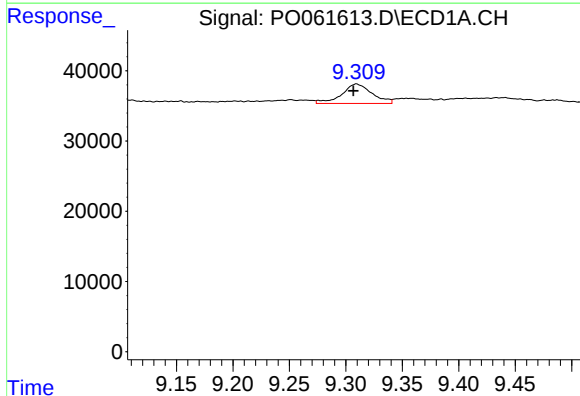
R.T.: 8.673 min
Delta R.T.: 0.004 min
Response: 56088
Conc: 17.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



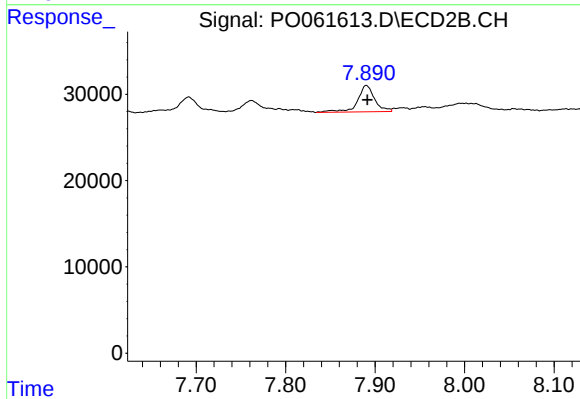
#39 AR-1262-4

R.T.: 7.402 min
Delta R.T.: -0.002 min
Response: 105452
Conc: 31.38 ng/ml



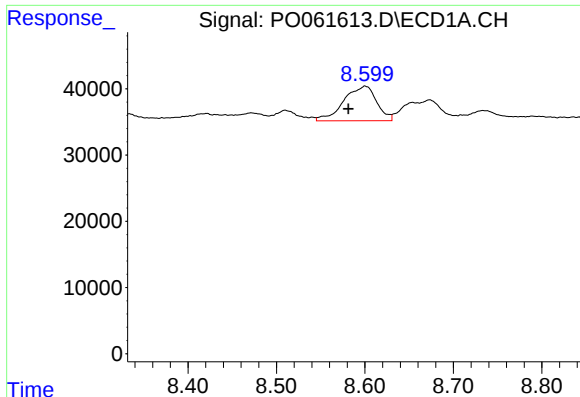
#40 AR-1262-5

R.T.: 9.309 min
Delta R.T.: 0.003 min
Response: 51755
Conc: 25.45 ng/ml



#40 AR-1262-5

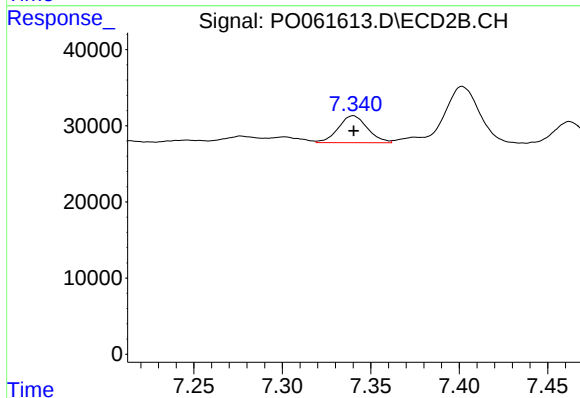
R.T.: 7.890 min
Delta R.T.: 0.000 min
Response: 40973
Conc: 27.03 ng/ml



#41 AR-1268-1

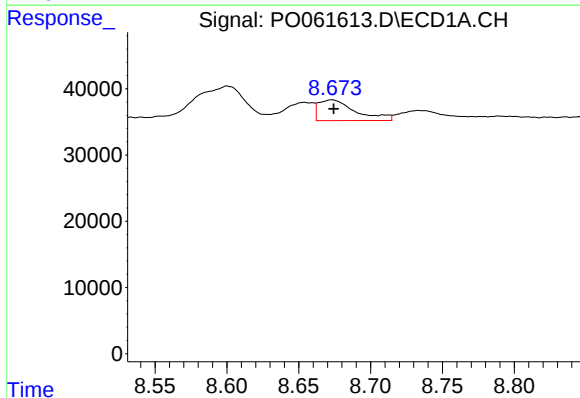
R.T.: 8.600 min
Delta R.T.: 0.019 min
Response: 135206
Conc: 20.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



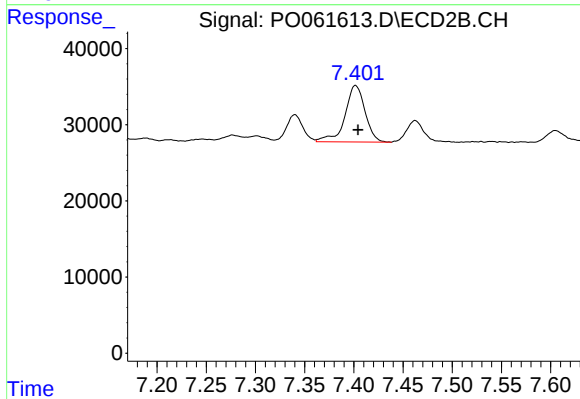
#41 AR-1268-1

R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 40873
Conc: 8.46 ng/ml



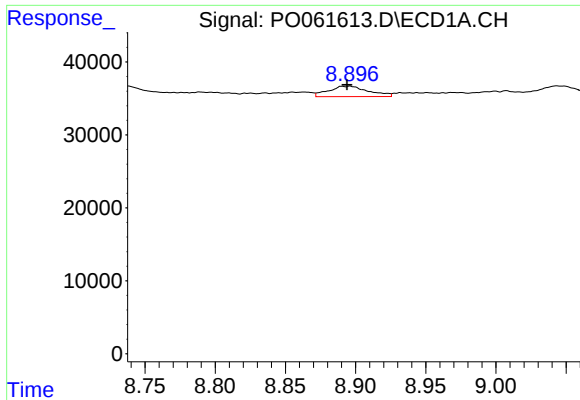
#42 AR-1268-2

R.T.: 8.673 min
Delta R.T.: -0.001 min
Response: 56088
Conc: 9.06 ng/ml



#42 AR-1268-2

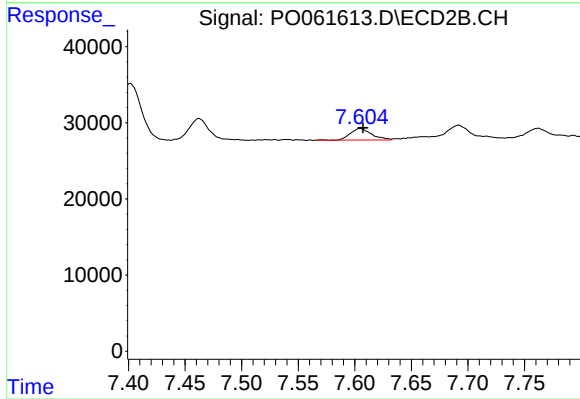
R.T.: 7.402 min
Delta R.T.: -0.003 min
Response: 105452
Conc: 24.47 ng/ml



#43 AR-1268-3

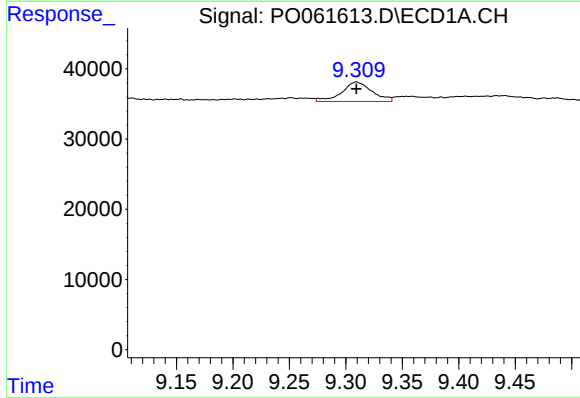
R.T.: 8.896 min
Delta R.T.: 0.002 min
Response: 28422
Conc: 5.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



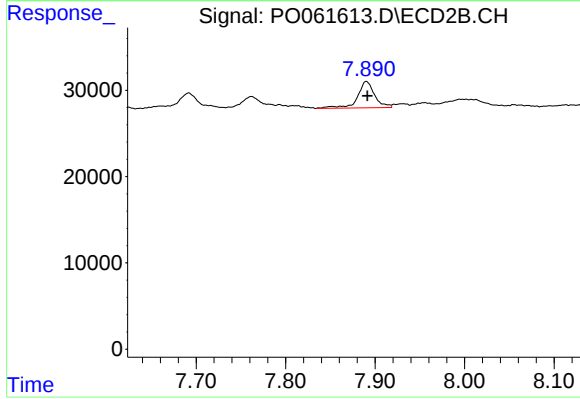
#43 AR-1268-3

R.T.: 7.605 min
Delta R.T.: -0.002 min
Response: 19619
Conc: 5.47 ng/ml



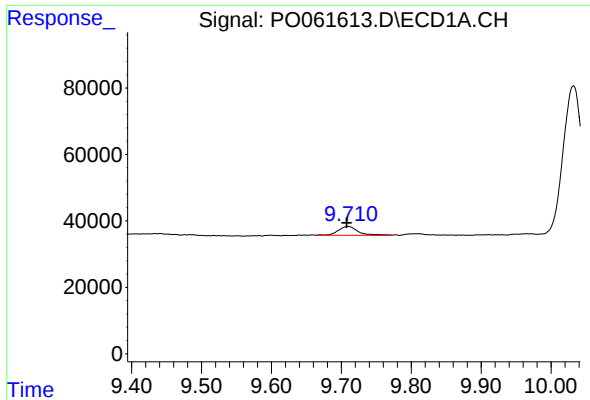
#44 AR-1268-4

R.T.: 9.309 min
Delta R.T.: 0.000 min
Response: 51755
Conc: 23.67 ng/ml



#44 AR-1268-4

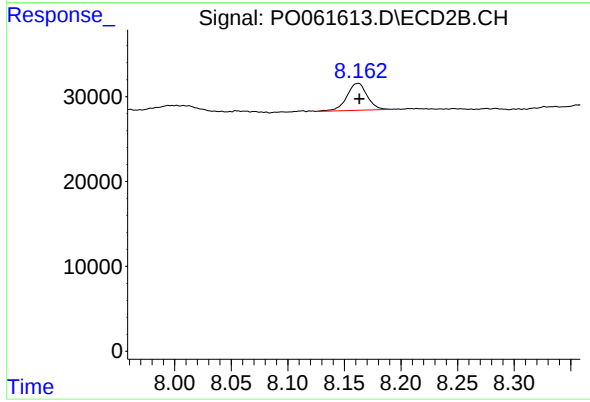
R.T.: 7.890 min
Delta R.T.: -0.001 min
Response: 40973
Conc: 25.46 ng/ml



#45 AR-1268-5

R.T.: 9.710 min
Delta R.T.: 0.002 min
Response: 53151
Conc: 3.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.162 min
Delta R.T.: -0.001 min
Response: 39502
Conc: 3.93 ng/ml