

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092619\
 Data File : P0061397.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 26 Sep 2019 19:05
 Operator : SM/AJ
 Sample : K5038-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TS-1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 05:21:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Sep 14 00:06:36 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...	4.359	3.520	1048440	705780	28.497	25.277
2)	SA Decachlor...	10.022	8.392	1148249	711022	24.991	20.285
Target Compounds							
3)	L1 AR-1016-1	5.524	4.592	59446	107383	37.197	86.863 #
4)	L1 AR-1016-2	5.546	4.592	194192	107383	84.824	63.117 #
5)	L1 AR-1016-3	5.610	4.763	42156	86930	29.365	89.667 #
6)	L1 AR-1016-4	5.704	4.803	84059	172775	71.263	211.082 #
7)	L1 AR-1016-5	6.000	5.009	205329	103356	163.798	98.682 #
8)	L2 AR-1221-1	0.000	3.676	0	16247	N.D.	45.897 #
9)	L2 AR-1221-2	4.663	3.809	31752	18384	92.962	65.415 #
10)	L2 AR-1221-3	4.745	3.884	36610	14537	34.564	17.513 #
11)	L3 AR-1232-1	4.745	3.884	36610	14537	31.378	15.952 #
12)	L3 AR-1232-2	5.257	4.592	85761	107383	132.267	106.355
13)	L3 AR-1232-3	5.546	4.763	194192	86930	144.989	154.899
14)	L3 AR-1232-4	5.704	4.870	84059	138881	122.332	265.943 #
15)	L3 AR-1232-5	5.795	5.009	198877	103356	363.185	182.629 #
16)	L4 AR-1242-1	5.524	4.592	59446	107383	49.812	117.954 #
17)	L4 AR-1242-2	5.546	4.592	194192	107383	113.623	85.779
18)	L4 AR-1242-3	5.610	4.763	42156	86930	38.929	121.655 #
19)	L4 AR-1242-4	5.704	4.870	84059	138881	95.219	190.708 #
20)	L4 AR-1242-5	6.441	5.354	366978	554593	327.459	560.250 #
21)	L5 AR-1248-1	5.524	4.592	59446	107383	64.573	151.398 #
22)	L5 AR-1248-2	5.795	4.803	198877	172775	148.721	178.820
23)	L5 AR-1248-3	6.000	4.870	205329	138881	135.670	137.898
24)	L5 AR-1248-4	6.406	5.009	363099	103356	199.300	86.063 #
25)	L5 AR-1248-5	6.441	5.391	366978	208487	209.751	164.922
26)	L6 AR-1254-1	6.375	5.354	740809	554593	384.507	269.098 #
27)	L6 AR-1254-2	6.594	5.521	984132	55977	312.728	29.664 #
28)	L6 AR-1254-3	6.959	5.892	1571319	1217850	446.147	383.030
29)	L6 AR-1254-4	7.242	6.115	579749	231688	214.162	111.283 #
30)	L6 AR-1254-5	7.662	6.526	2235605	2815720	758.136	889.671
31)	L7 AR-1260-1	7.120	6.019	1427502	1031415	586.336	490.357
32)	L7 AR-1260-2	7.374	6.205	2772206	864344	916.932	335.082 #
33)	L7 AR-1260-3	7.734	6.354	1126122	897939	471.884	372.888
34)	L7 AR-1260-4	7.959	6.818	1601441	752267	572.415	351.487 #
35)	L7 AR-1260-5	8.274	7.058	2361632	1847447	433.698	382.297
36)	L8 AR-1262-1	7.734	6.564	1126122	778659	318.806	260.691
37)	L8 AR-1262-2	8.274	7.058	2361632	1847447	378.803	355.315
38)	L8 AR-1262-3	8.591	7.373	1813807	197866	425.687	93.226 #
39)	L8 AR-1262-4	8.666	7.400	1271389	1416514	389.948	370.866
40)	L8 AR-1262-5	9.301	7.889	653934	492518	321.599	294.255
41)	L9 AR-1268-1	8.591	7.337	1813807	527146	245.758	89.925 #
42)	L9 AR-1268-2	8.666	7.400	1271389	1416514	188.213	265.764 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092619\
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 Acq On : 26 Sep 2019 19:05
 Operator : SM/AJ
 Sample : K5038-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

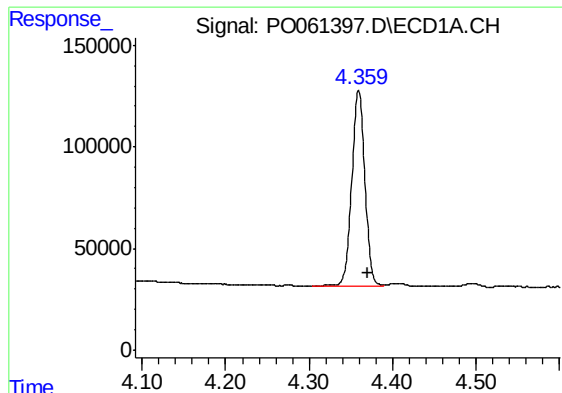
Instrument :
 ECD_O
 ClientSampleId :
 TS-1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 05:21:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091319.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	8.886	7.603	131281	121855	23.378	27.490
44) L9	AR-1268-4	9.301	7.889	653934	492518	283.490	257.747
45) L9	AR-1268-5	9.699	8.160	549963	473772	34.673	39.372

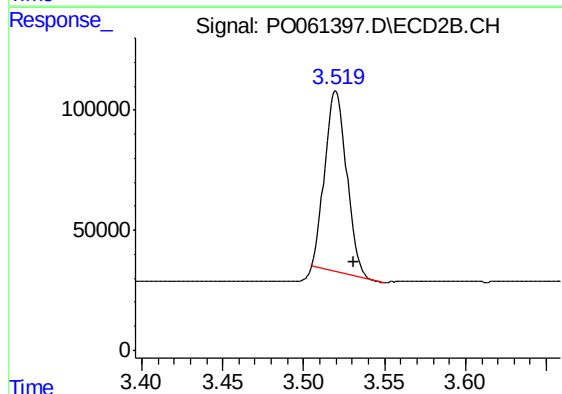
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

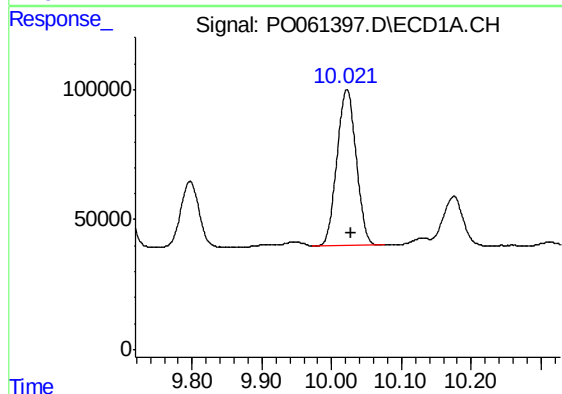
R.T.: 4.359 min
Delta R.T.: -0.011 min
Response: 1048440
Conc: 28.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
TS-1



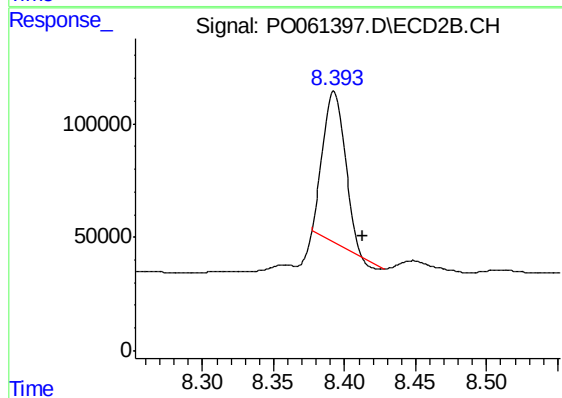
#1 Tetrachloro-m-xylene

R.T.: 3.520 min
Delta R.T.: -0.011 min
Response: 705780
Conc: 25.28 ng/ml



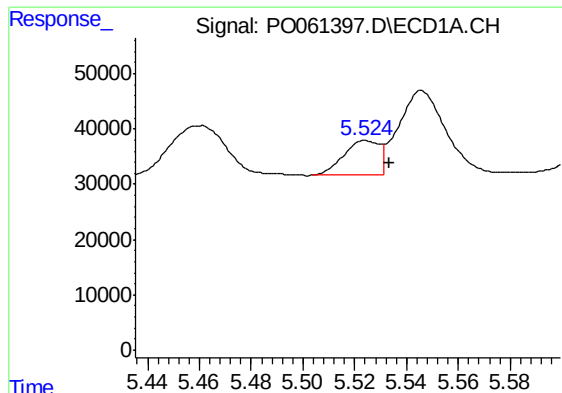
#2 Decachlorobiphenyl

R.T.: 10.022 min
Delta R.T.: -0.006 min
Response: 1148249
Conc: 24.99 ng/ml



#2 Decachlorobiphenyl

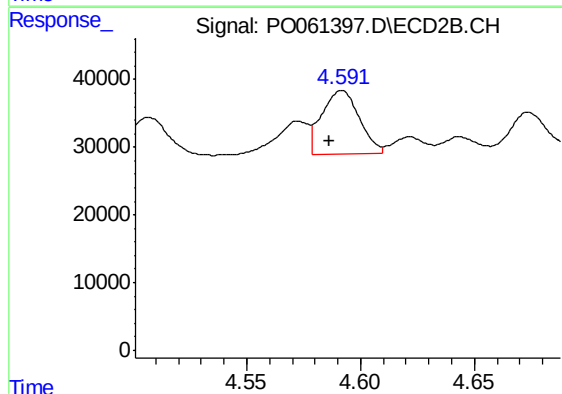
R.T.: 8.392 min
Delta R.T.: -0.021 min
Response: 711022
Conc: 20.28 ng/ml



#3 AR-1016-1

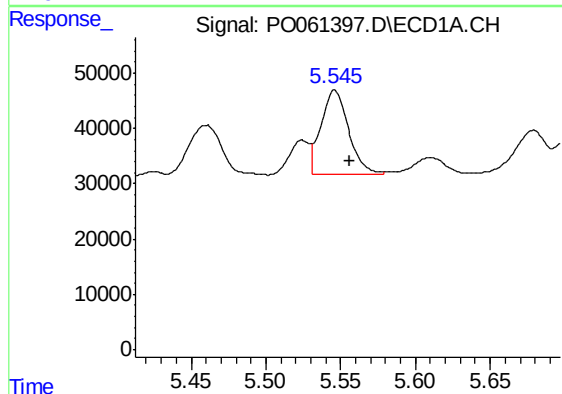
R.T.: 5.524 min
Delta R.T.: -0.009 min
Response: 59446
Conc: 37.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
TS-1



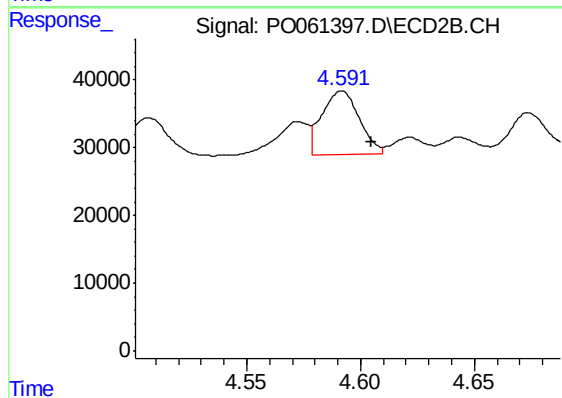
#3 AR-1016-1

R.T.: 4.592 min
Delta R.T.: 0.006 min
Response: 107383
Conc: 86.86 ng/ml



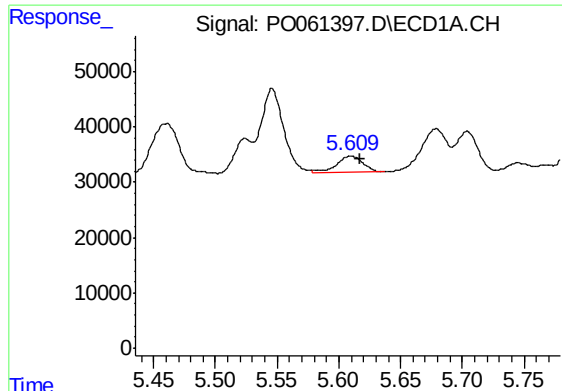
#4 AR-1016-2

R.T.: 5.546 min
Delta R.T.: -0.010 min
Response: 194192
Conc: 84.82 ng/ml



#4 AR-1016-2

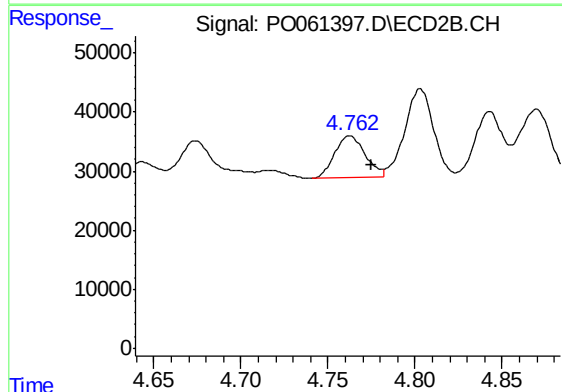
R.T.: 4.592 min
Delta R.T.: -0.013 min
Response: 107383
Conc: 63.12 ng/ml



#5 AR-1016-3

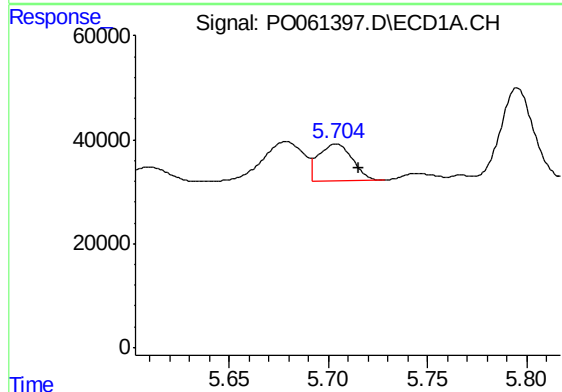
R.T.: 5.610 min
Delta R.T.: -0.008 min
Response: 42156
Conc: 29.37 ng/ml

Instrument :
ECD_O
ClientSampleId :
TS-1



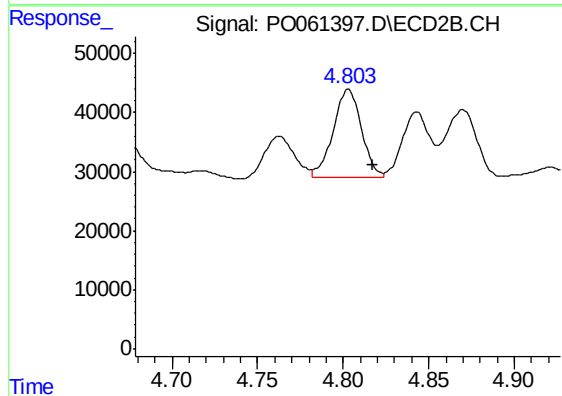
#5 AR-1016-3

R.T.: 4.763 min
Delta R.T.: -0.013 min
Response: 86930
Conc: 89.67 ng/ml



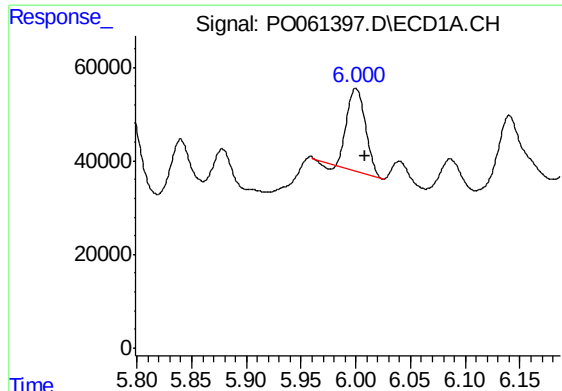
#6 AR-1016-4

R.T.: 5.704 min
Delta R.T.: -0.011 min
Response: 84059
Conc: 71.26 ng/ml



#6 AR-1016-4

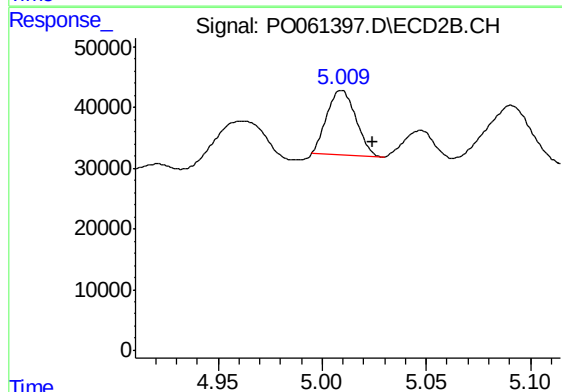
R.T.: 4.803 min
Delta R.T.: -0.014 min
Response: 172775
Conc: 211.08 ng/ml



#7 AR-1016-5

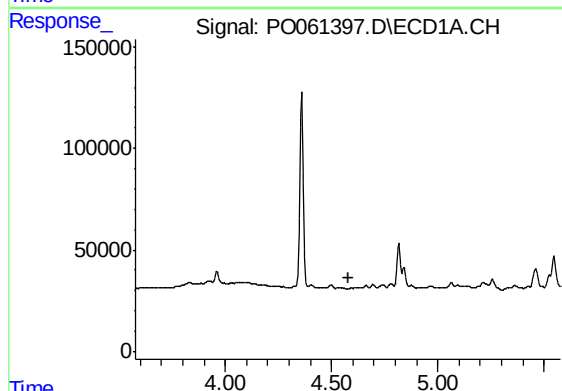
R.T.: 6.000 min
Delta R.T.: -0.008 min
Response: 205329
Conc: 163.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
TS-1



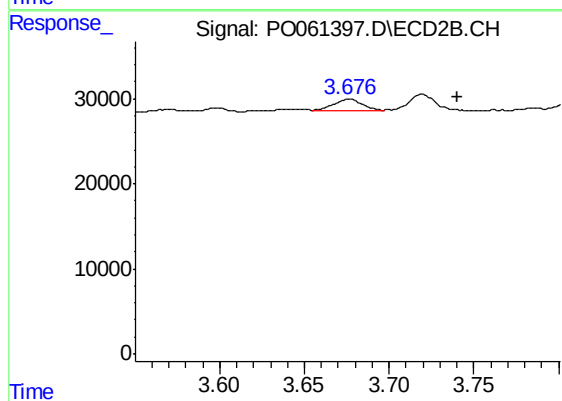
#7 AR-1016-5

R.T.: 5.009 min
Delta R.T.: -0.015 min
Response: 103356
Conc: 98.68 ng/ml



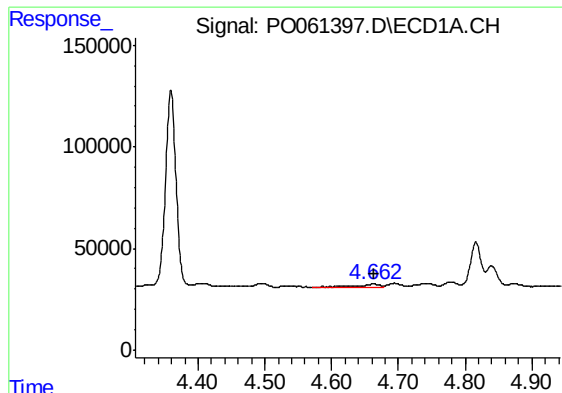
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.578 min
Response: 0
Conc: N.D.



#8 AR-1221-1

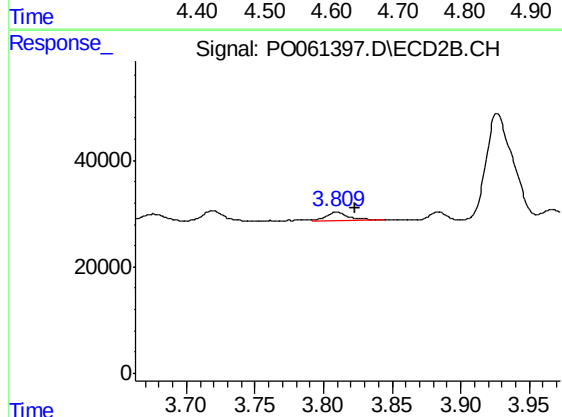
R.T.: 3.676 min
Delta R.T.: -0.064 min
Response: 16247
Conc: 45.90 ng/ml



#9 AR-1221-2

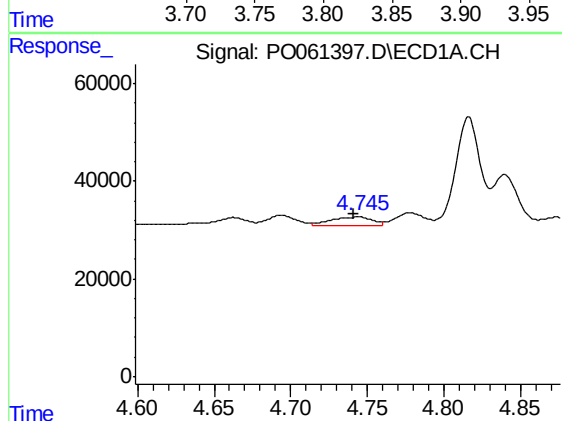
R.T.: 4.663 min
Delta R.T.: -0.001 min
Response: 31752
Conc: 92.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
TS-1



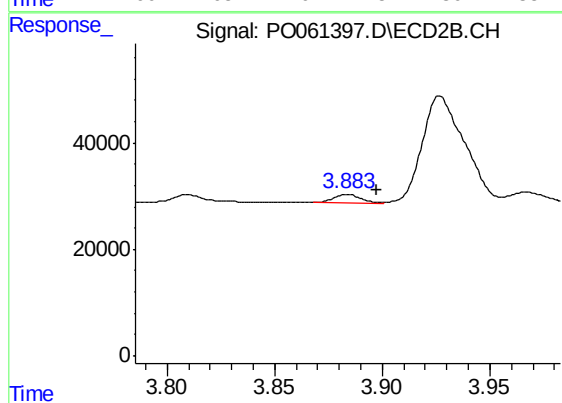
#9 AR-1221-2

R.T.: 3.809 min
Delta R.T.: -0.013 min
Response: 18384
Conc: 65.42 ng/ml



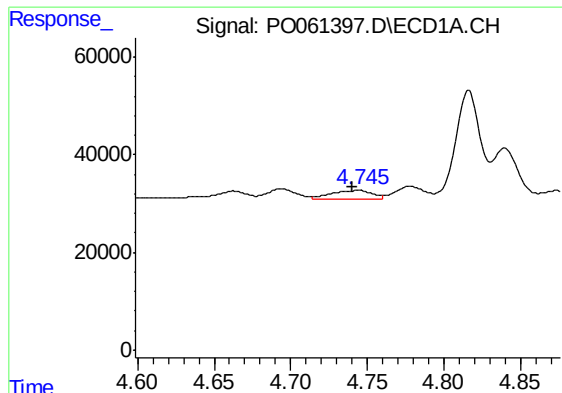
#10 AR-1221-3

R.T.: 4.745 min
Delta R.T.: 0.004 min
Response: 36610
Conc: 34.56 ng/ml



#10 AR-1221-3

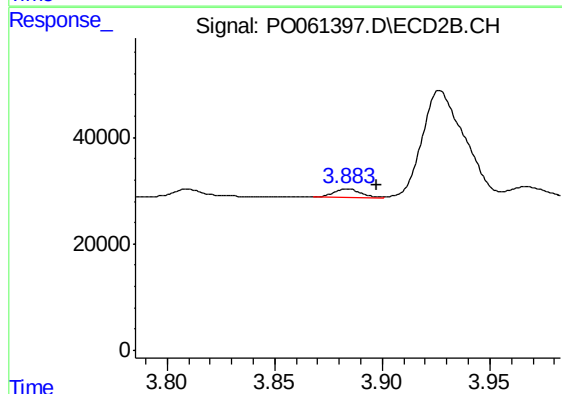
R.T.: 3.884 min
Delta R.T.: -0.013 min
Response: 14537
Conc: 17.51 ng/ml



#11 AR-1232-1

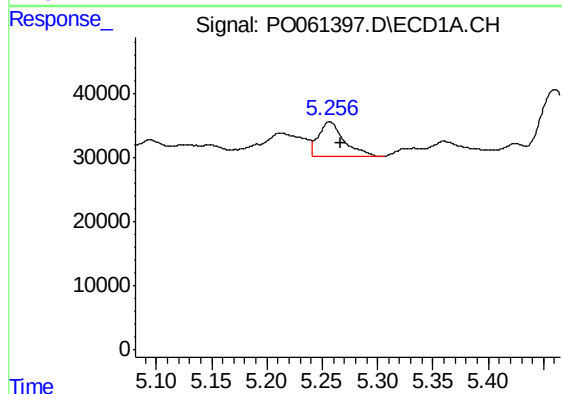
R.T.: 4.745 min
Delta R.T.: 0.004 min
Response: 36610
Conc: 31.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
TS-1



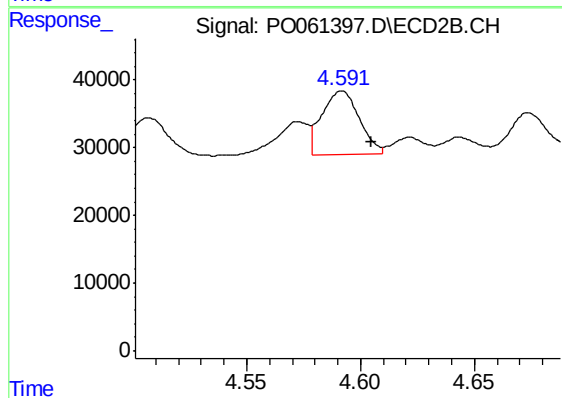
#11 AR-1232-1

R.T.: 3.884 min
Delta R.T.: -0.013 min
Response: 14537
Conc: 15.95 ng/ml



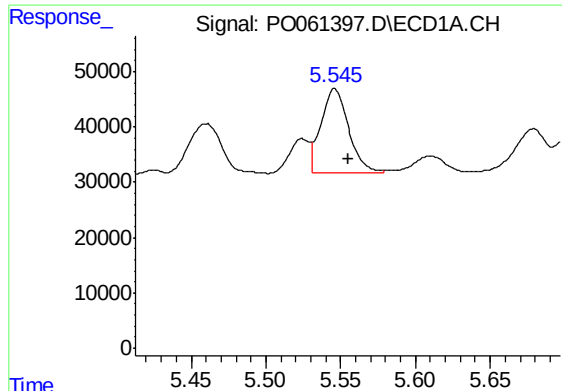
#12 AR-1232-2

R.T.: 5.257 min
Delta R.T.: -0.010 min
Response: 85761
Conc: 132.27 ng/ml



#12 AR-1232-2

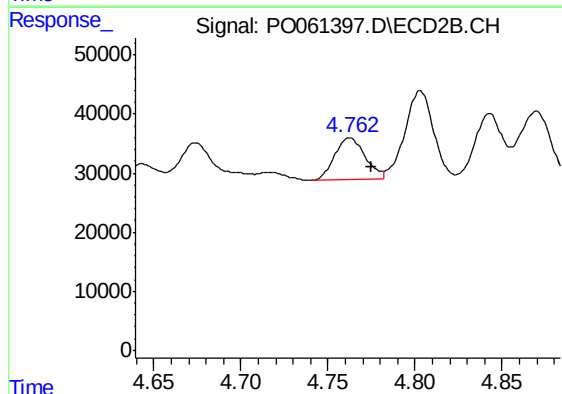
R.T.: 4.592 min
Delta R.T.: -0.013 min
Response: 107383
Conc: 106.36 ng/ml



#13 AR-1232-3

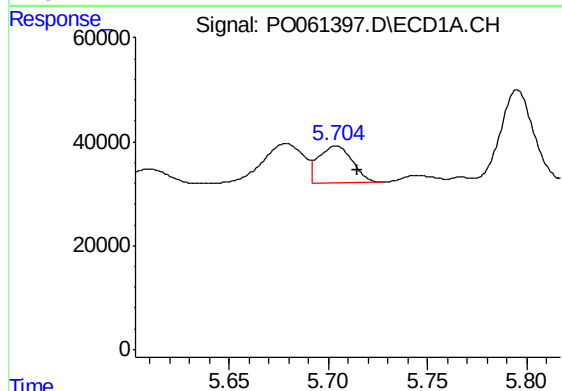
R.T.: 5.546 min
Delta R.T.: -0.009 min
Response: 194192
Conc: 144.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
TS-1



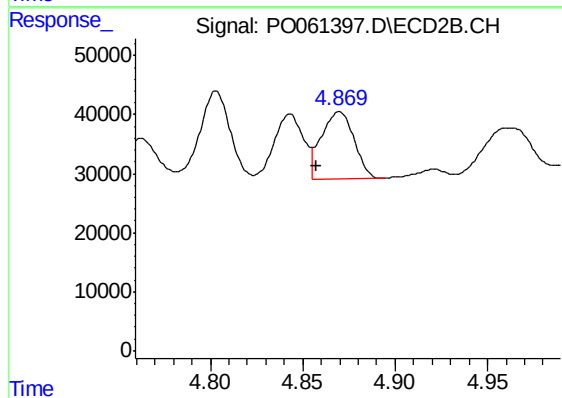
#13 AR-1232-3

R.T.: 4.763 min
Delta R.T.: -0.013 min
Response: 86930
Conc: 154.90 ng/ml



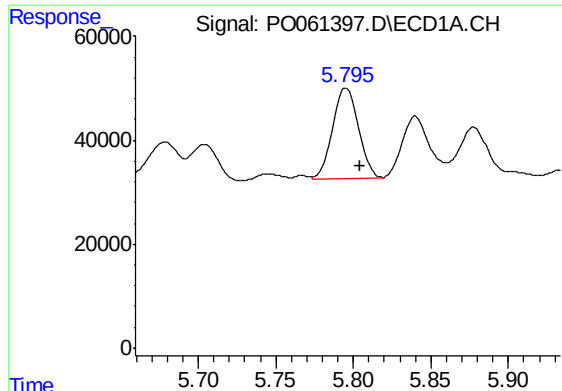
#14 AR-1232-4

R.T.: 5.704 min
Delta R.T.: -0.011 min
Response: 84059
Conc: 122.33 ng/ml



#14 AR-1232-4

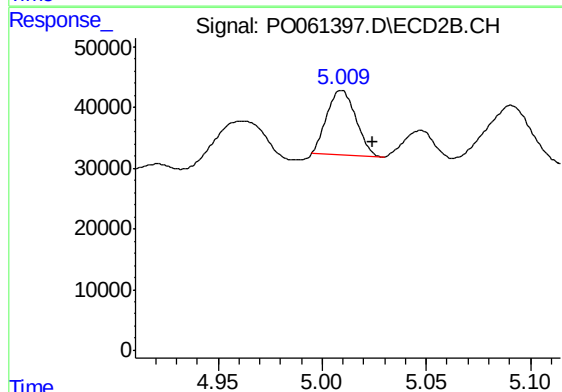
R.T.: 4.870 min
Delta R.T.: 0.013 min
Response: 138881
Conc: 265.94 ng/ml



#15 AR-1232-5

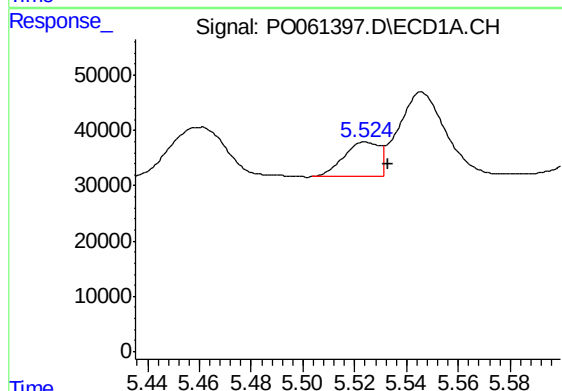
R.T.: 5.795 min
Delta R.T.: -0.009 min
Response: 198877
Conc: 363.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
TS-1



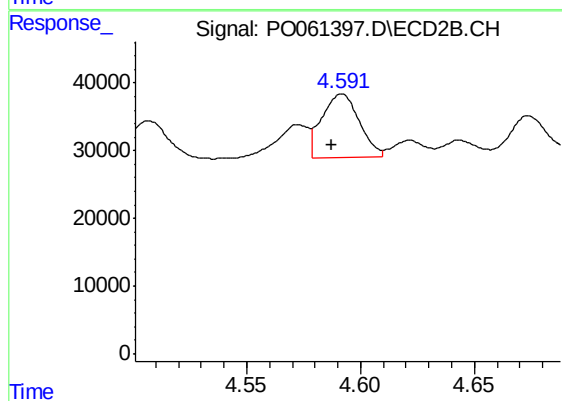
#15 AR-1232-5

R.T.: 5.009 min
Delta R.T.: -0.015 min
Response: 103356
Conc: 182.63 ng/ml



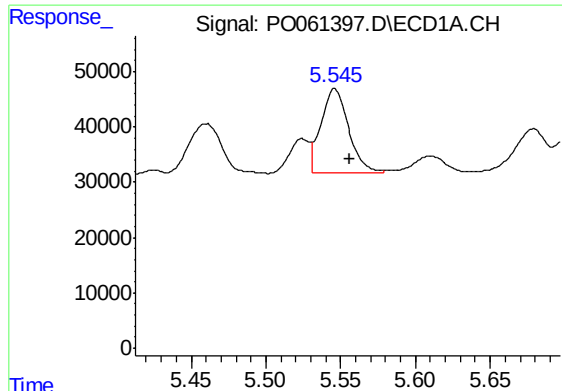
#16 AR-1242-1

R.T.: 5.524 min
Delta R.T.: -0.009 min
Response: 59446
Conc: 49.81 ng/ml



#16 AR-1242-1

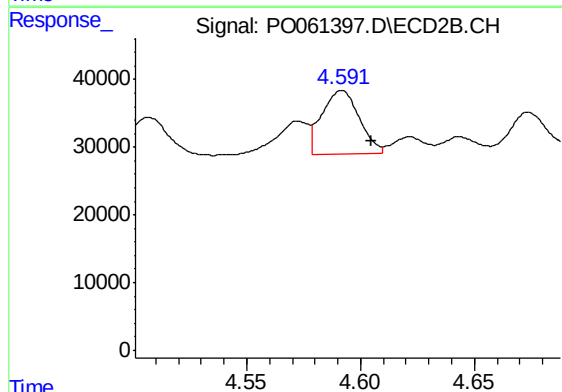
R.T.: 4.592 min
Delta R.T.: 0.005 min
Response: 107383
Conc: 117.95 ng/ml



#17 AR-1242-2

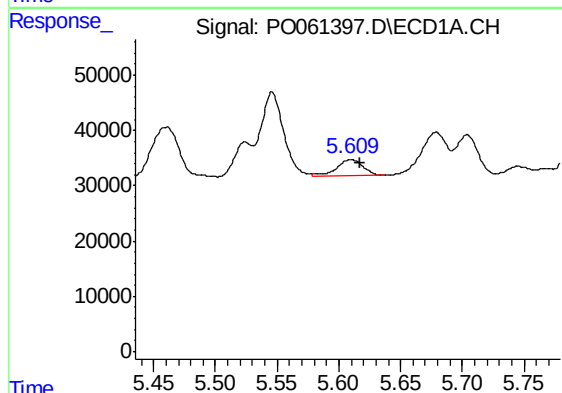
R.T.: 5.546 min
Delta R.T.: -0.010 min
Response: 194192
Conc: 113.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
TS-1



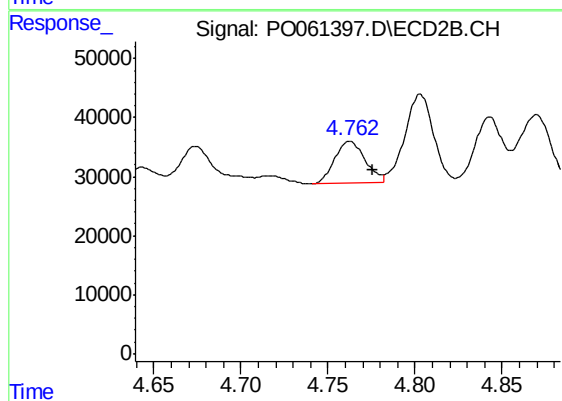
#17 AR-1242-2

R.T.: 4.592 min
Delta R.T.: -0.013 min
Response: 107383
Conc: 85.78 ng/ml



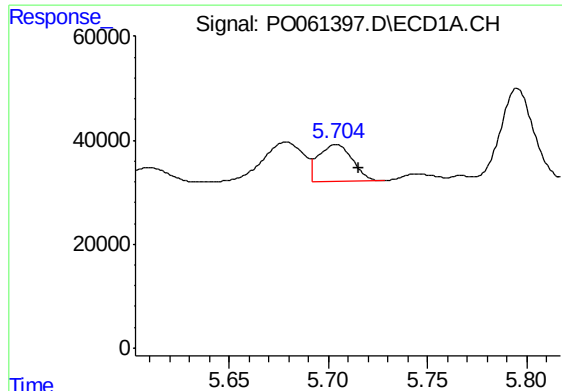
#18 AR-1242-3

R.T.: 5.610 min
Delta R.T.: -0.008 min
Response: 42156
Conc: 38.93 ng/ml



#18 AR-1242-3

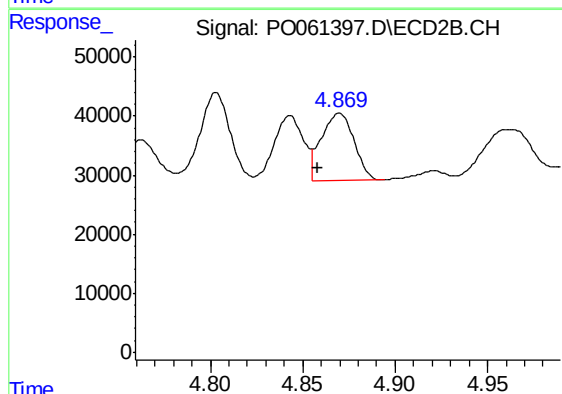
R.T.: 4.763 min
Delta R.T.: -0.013 min
Response: 86930
Conc: 121.66 ng/ml



#19 AR-1242-4

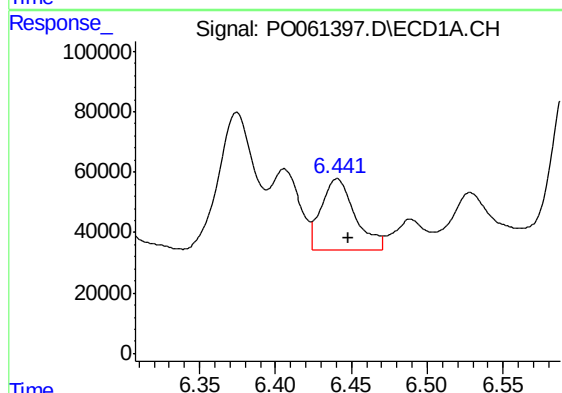
R.T.: 5.704 min
Delta R.T.: -0.011 min
Response: 84059
Conc: 95.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
TS-1



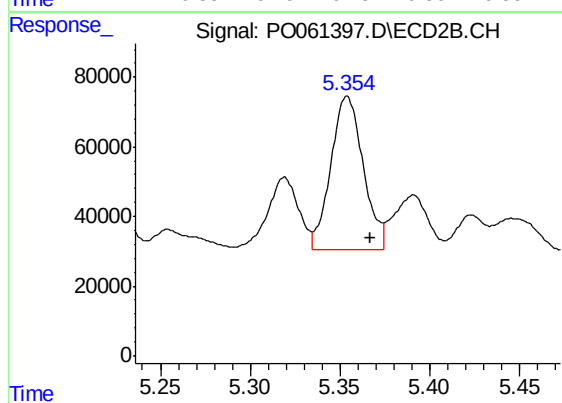
#19 AR-1242-4

R.T.: 4.870 min
Delta R.T.: 0.012 min
Response: 138881
Conc: 190.71 ng/ml



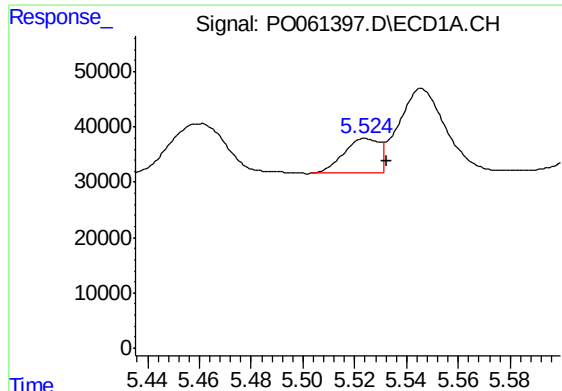
#20 AR-1242-5

R.T.: 6.441 min
Delta R.T.: -0.007 min
Response: 366978
Conc: 327.46 ng/ml



#20 AR-1242-5

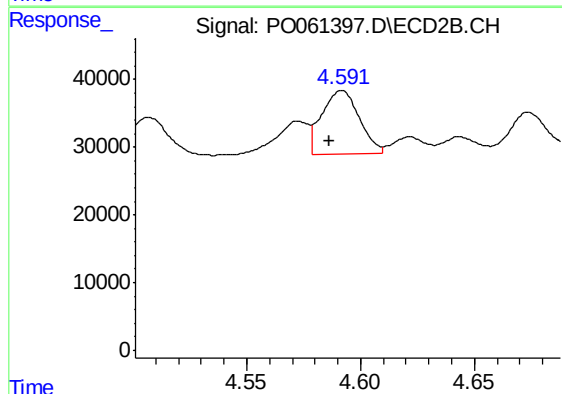
R.T.: 5.354 min
Delta R.T.: -0.013 min
Response: 554593
Conc: 560.25 ng/ml



#21 AR-1248-1

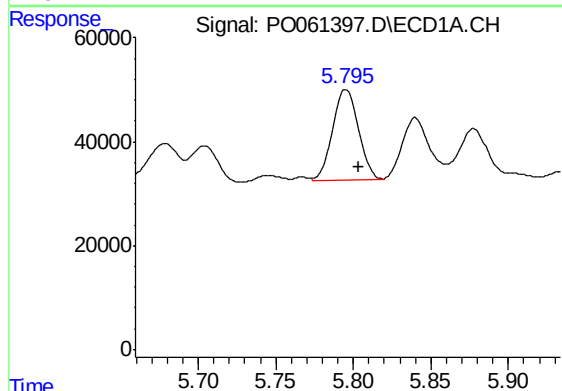
R.T.: 5.524 min
Delta R.T.: -0.008 min
Response: 59446
Conc: 64.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
TS-1



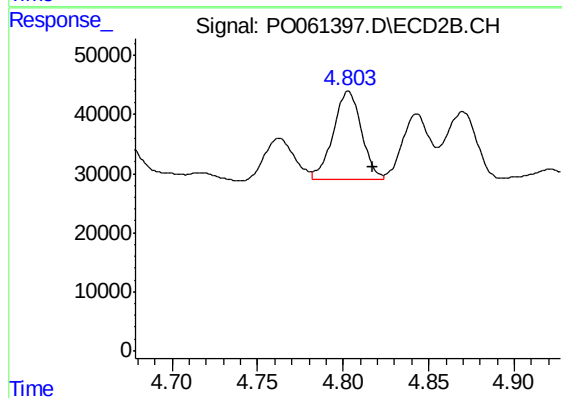
#21 AR-1248-1

R.T.: 4.592 min
Delta R.T.: 0.005 min
Response: 107383
Conc: 151.40 ng/ml



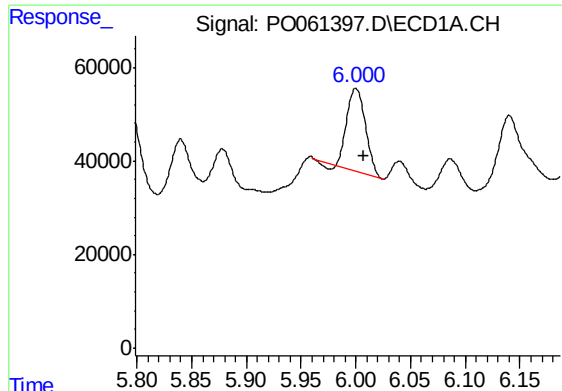
#22 AR-1248-2

R.T.: 5.795 min
Delta R.T.: -0.008 min
Response: 198877
Conc: 148.72 ng/ml



#22 AR-1248-2

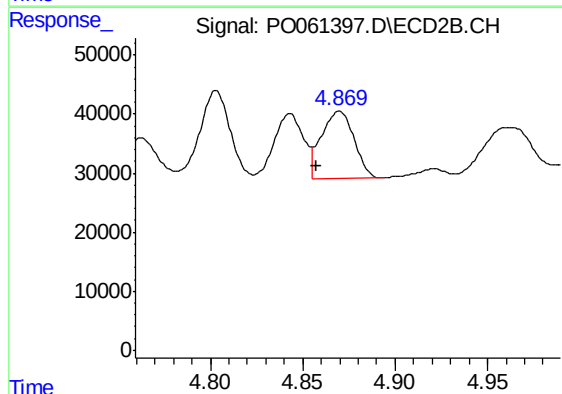
R.T.: 4.803 min
Delta R.T.: -0.014 min
Response: 172775
Conc: 178.82 ng/ml



#23 AR-1248-3

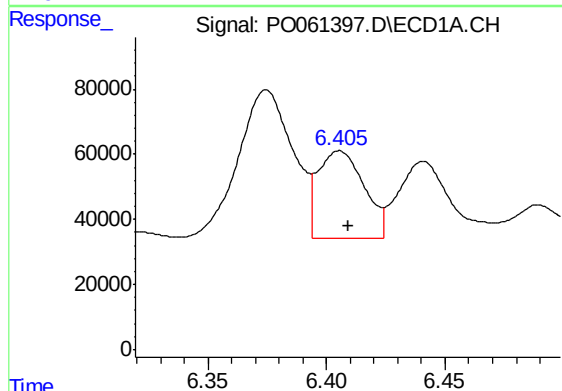
R.T.: 6.000 min
Delta R.T.: -0.007 min
Response: 205329
Conc: 135.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
TS-1



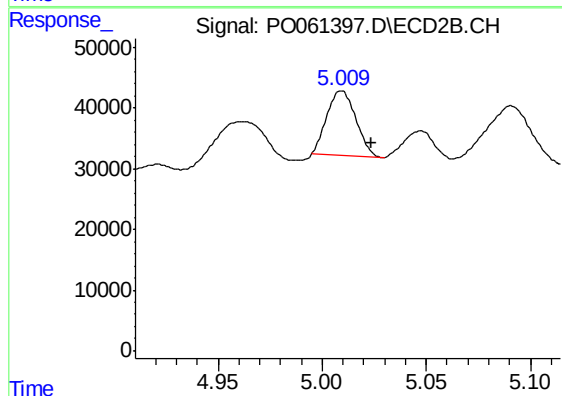
#23 AR-1248-3

R.T.: 4.870 min
Delta R.T.: 0.013 min
Response: 138881
Conc: 137.90 ng/ml



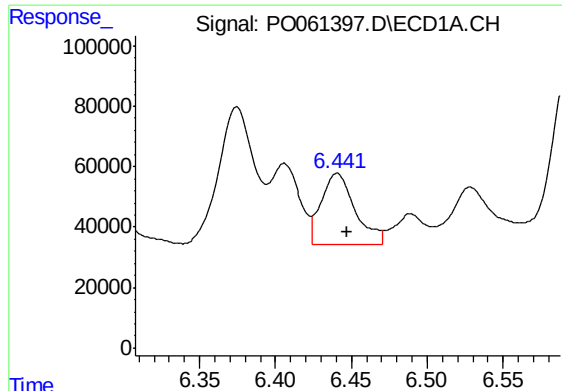
#24 AR-1248-4

R.T.: 6.406 min
Delta R.T.: -0.004 min
Response: 363099
Conc: 199.30 ng/ml



#24 AR-1248-4

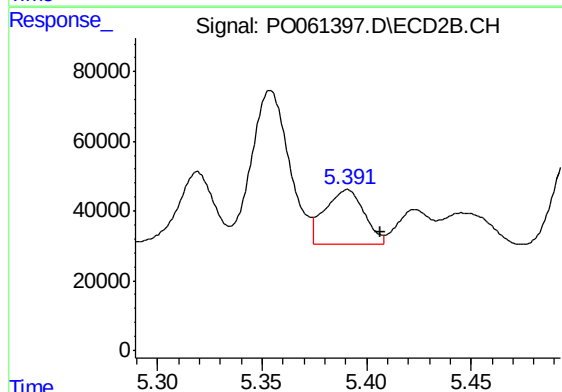
R.T.: 5.009 min
Delta R.T.: -0.014 min
Response: 103356
Conc: 86.06 ng/ml



#25 AR-1248-5

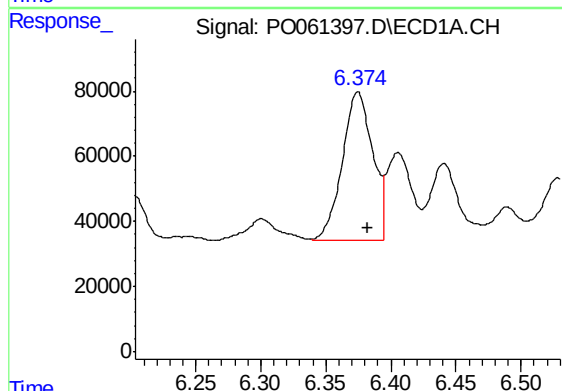
R.T.: 6.441 min
Delta R.T.: -0.007 min
Response: 366978
Conc: 209.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
TS-1



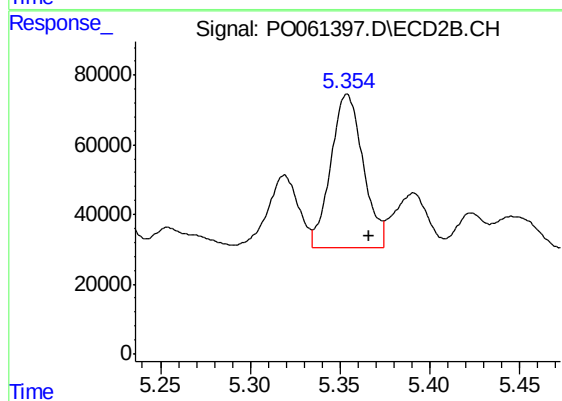
#25 AR-1248-5

R.T.: 5.391 min
Delta R.T.: -0.016 min
Response: 208487
Conc: 164.92 ng/ml



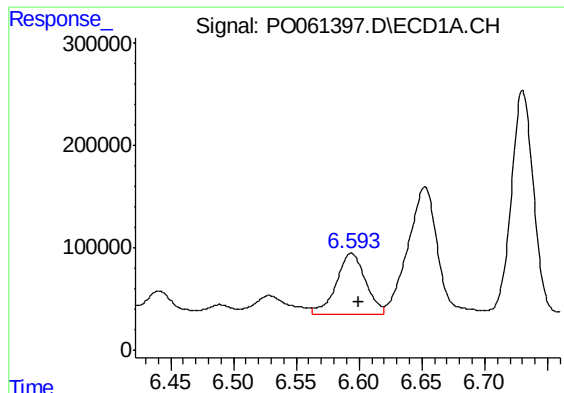
#26 AR-1254-1

R.T.: 6.375 min
Delta R.T.: -0.007 min
Response: 740809
Conc: 384.51 ng/ml



#26 AR-1254-1

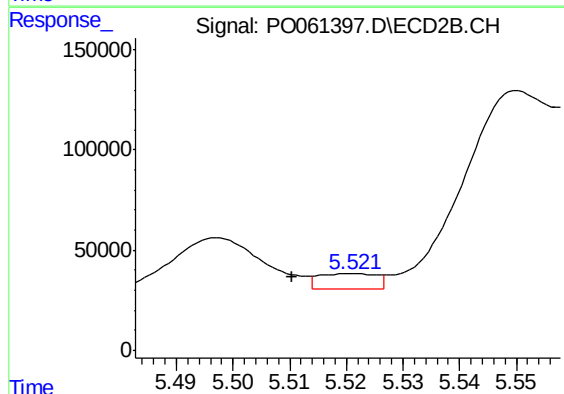
R.T.: 5.354 min
Delta R.T.: -0.012 min
Response: 554593
Conc: 269.10 ng/ml



#27 AR-1254-2

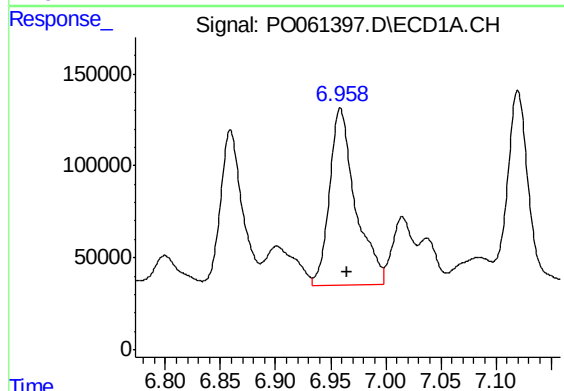
R.T.: 6.594 min
Delta R.T.: -0.006 min
Response: 984132
Conc: 312.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
TS-1



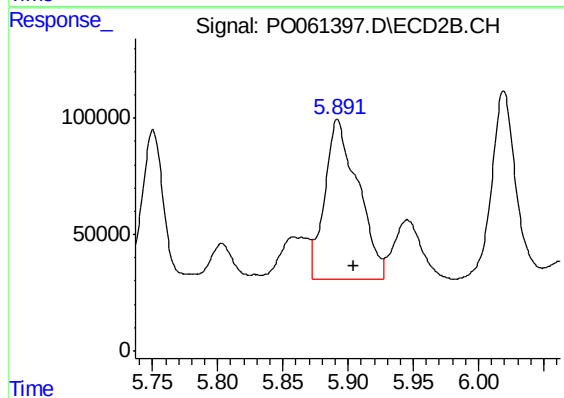
#27 AR-1254-2

R.T.: 5.521 min
Delta R.T.: 0.011 min
Response: 55977
Conc: 29.66 ng/ml



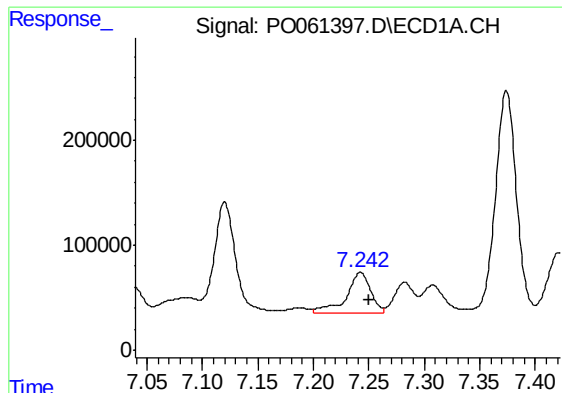
#28 AR-1254-3

R.T.: 6.959 min
Delta R.T.: -0.006 min
Response: 1571319
Conc: 446.15 ng/ml



#28 AR-1254-3

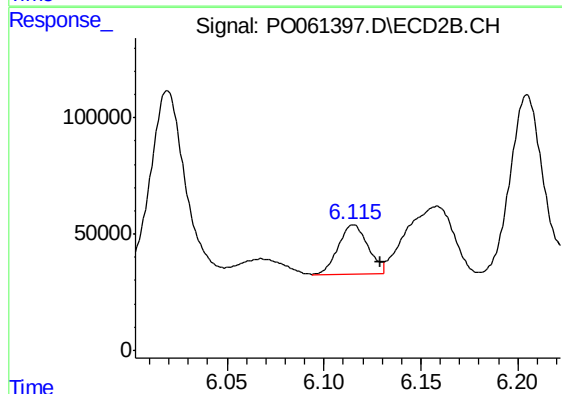
R.T.: 5.892 min
Delta R.T.: -0.013 min
Response: 1217850
Conc: 383.03 ng/ml



#29 AR-1254-4

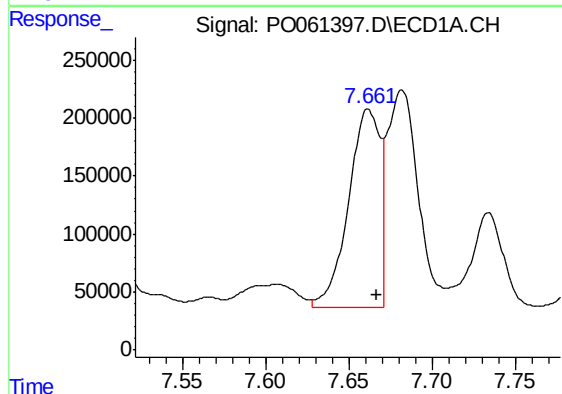
R.T.: 7.242 min
Delta R.T.: -0.008 min
Response: 579749
Conc: 214.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
TS-1



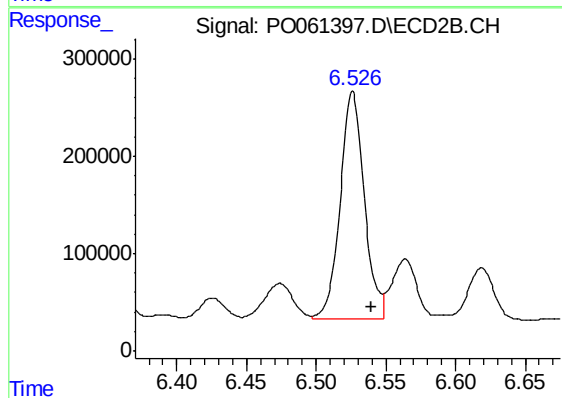
#29 AR-1254-4

R.T.: 6.115 min
Delta R.T.: -0.014 min
Response: 231688
Conc: 111.28 ng/ml



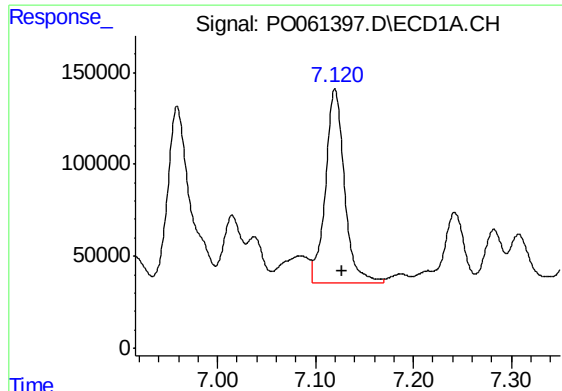
#30 AR-1254-5

R.T.: 7.662 min
Delta R.T.: -0.005 min
Response: 2235605
Conc: 758.14 ng/ml



#30 AR-1254-5

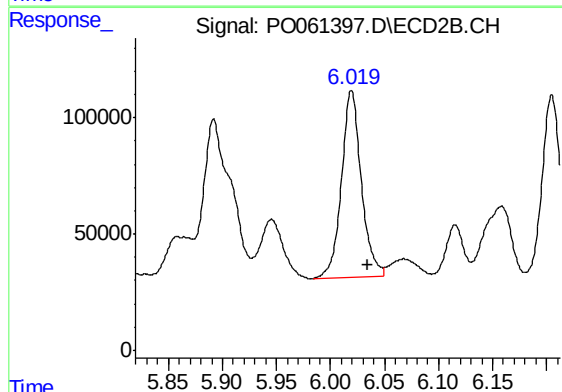
R.T.: 6.526 min
Delta R.T.: -0.014 min
Response: 2815720
Conc: 889.67 ng/ml



#31 AR-1260-1

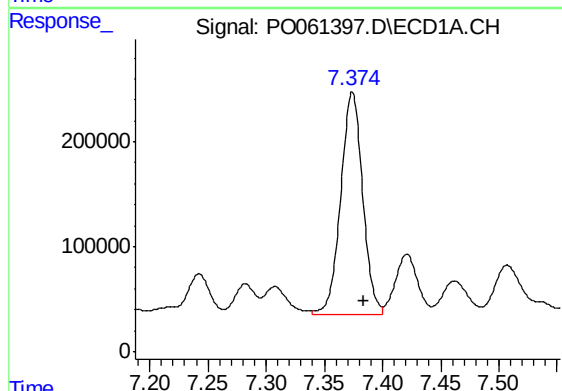
R.T.: 7.120 min
Delta R.T.: -0.008 min
Response: 1427502
Conc: 586.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
TS-1



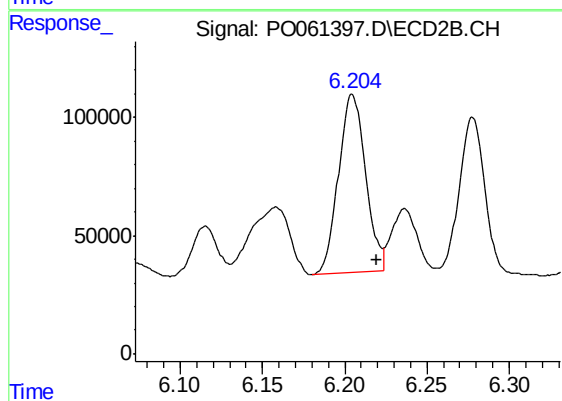
#31 AR-1260-1

R.T.: 6.019 min
Delta R.T.: -0.015 min
Response: 1031415
Conc: 490.36 ng/ml



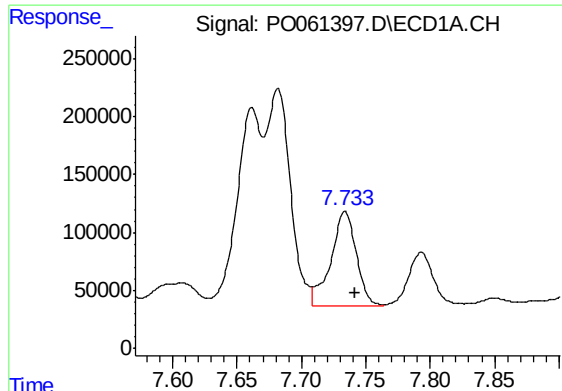
#32 AR-1260-2

R.T.: 7.374 min
Delta R.T.: -0.010 min
Response: 2772206
Conc: 916.93 ng/ml



#32 AR-1260-2

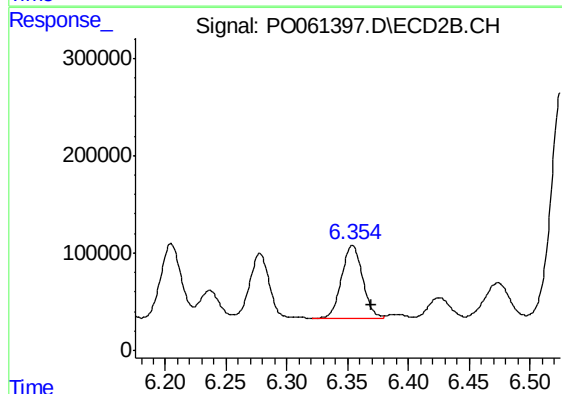
R.T.: 6.205 min
Delta R.T.: -0.015 min
Response: 864344
Conc: 335.08 ng/ml



#33 AR-1260-3

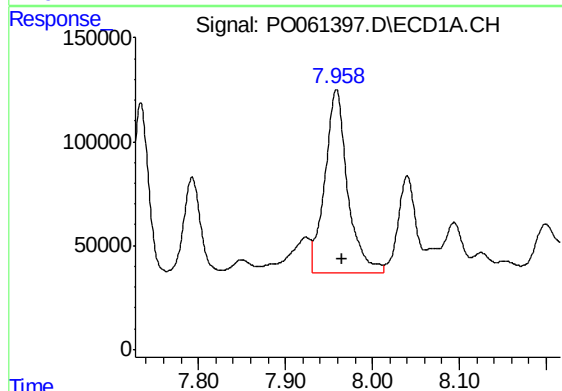
R.T.: 7.734 min
Delta R.T.: -0.007 min
Response: 1126122
Conc: 471.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
TS-1



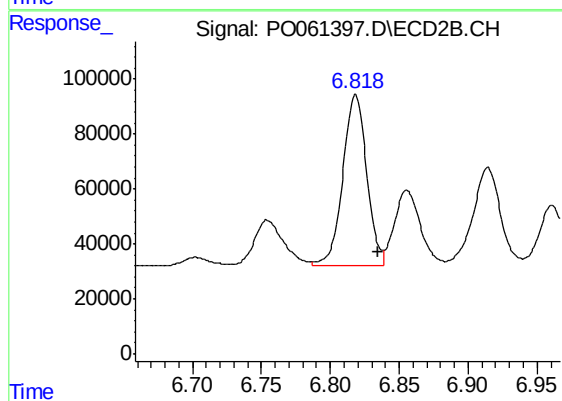
#33 AR-1260-3

R.T.: 6.354 min
Delta R.T.: -0.016 min
Response: 897939
Conc: 372.89 ng/ml



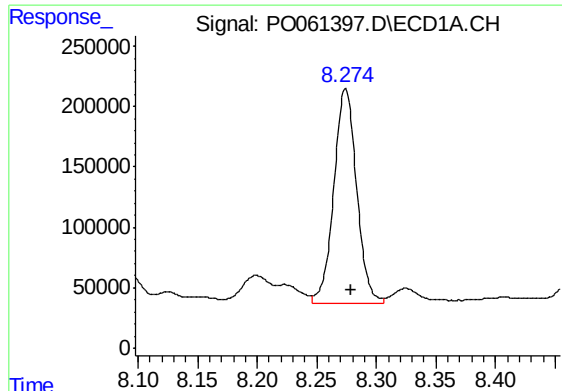
#34 AR-1260-4

R.T.: 7.959 min
Delta R.T.: -0.007 min
Response: 1601441
Conc: 572.42 ng/ml



#34 AR-1260-4

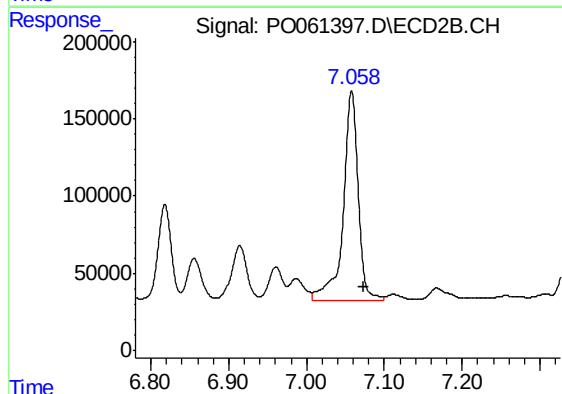
R.T.: 6.818 min
Delta R.T.: -0.016 min
Response: 752267
Conc: 351.49 ng/ml



#35 AR-1260-5

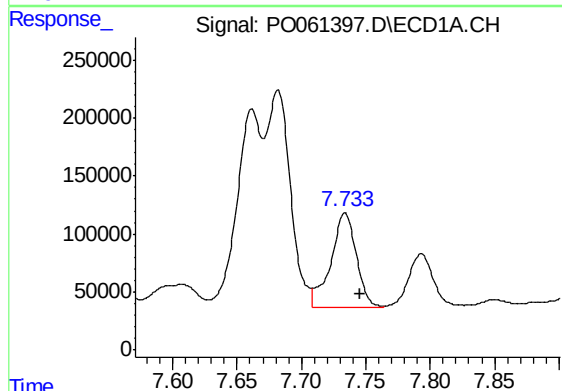
R.T.: 8.274 min
Delta R.T.: -0.005 min
Response: 2361632
Conc: 433.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
TS-1



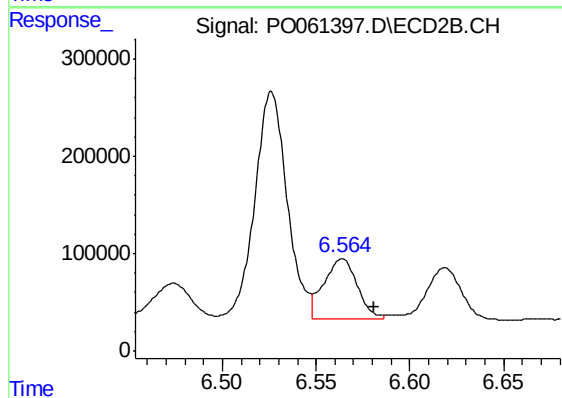
#35 AR-1260-5

R.T.: 7.058 min
Delta R.T.: -0.015 min
Response: 1847447
Conc: 382.30 ng/ml



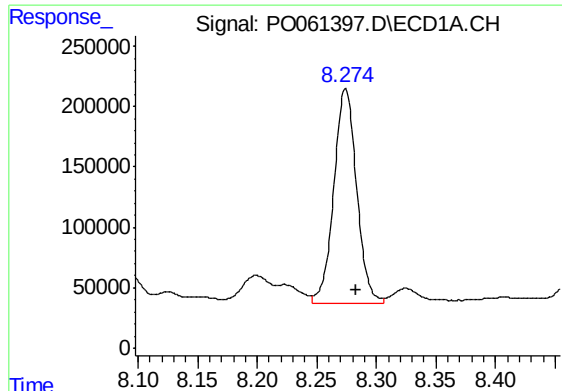
#36 AR-1262-1

R.T.: 7.734 min
Delta R.T.: -0.011 min
Response: 1126122
Conc: 318.81 ng/ml



#36 AR-1262-1

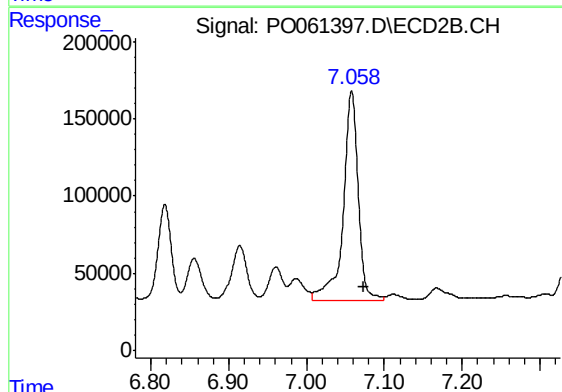
R.T.: 6.564 min
Delta R.T.: -0.017 min
Response: 778659
Conc: 260.69 ng/ml



#37 AR-1262-2

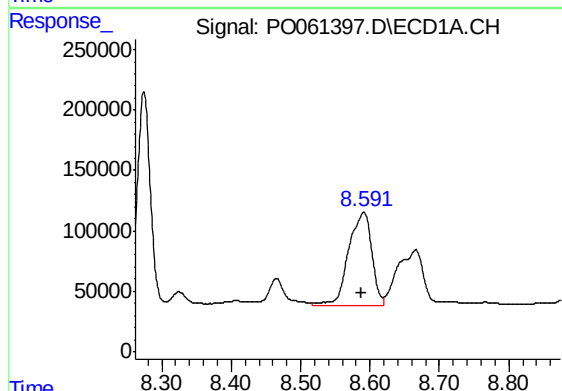
R.T.: 8.274 min
Delta R.T.: -0.009 min
Response: 2361632
Conc: 378.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
TS-1



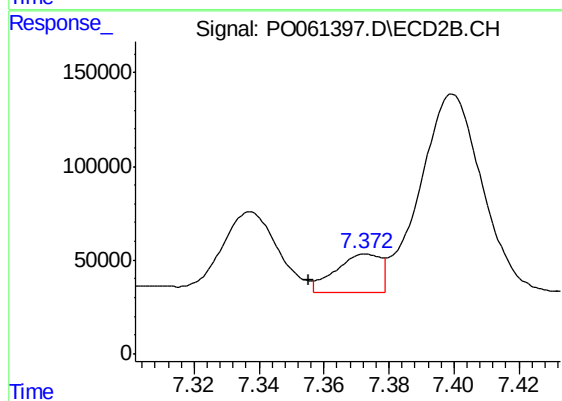
#37 AR-1262-2

R.T.: 7.058 min
Delta R.T.: -0.016 min
Response: 1847447
Conc: 355.31 ng/ml



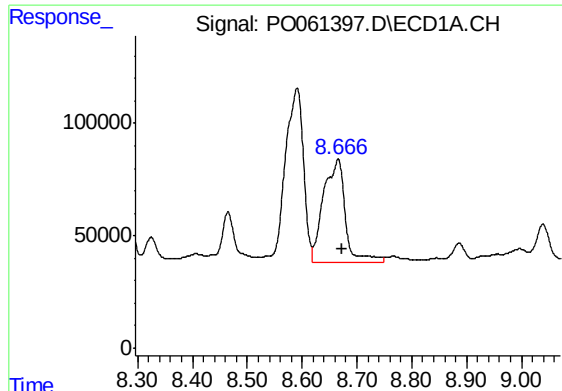
#38 AR-1262-3

R.T.: 8.591 min
Delta R.T.: 0.004 min
Response: 1813807
Conc: 425.69 ng/ml



#38 AR-1262-3

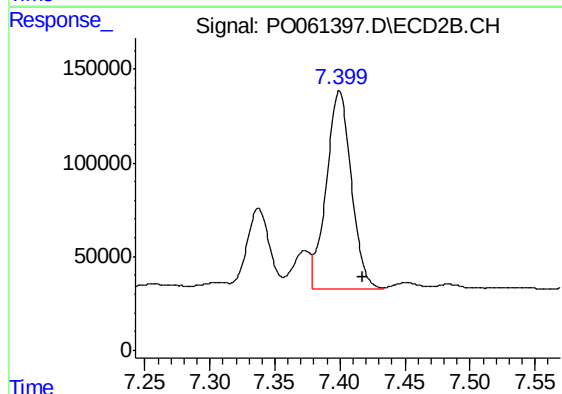
R.T.: 7.373 min
Delta R.T.: 0.018 min
Response: 197866
Conc: 93.23 ng/ml



#39 AR-1262-4

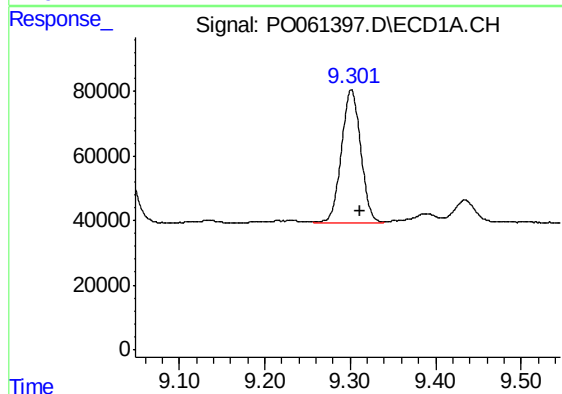
R.T.: 8.666 min
Delta R.T.: -0.007 min
Response: 1271389
Conc: 389.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
TS-1



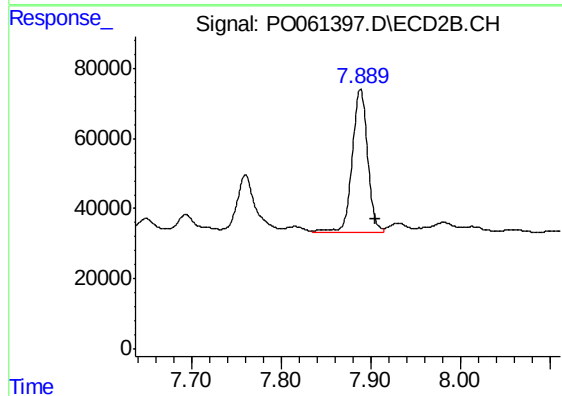
#39 AR-1262-4

R.T.: 7.400 min
Delta R.T.: -0.018 min
Response: 1416514
Conc: 370.87 ng/ml



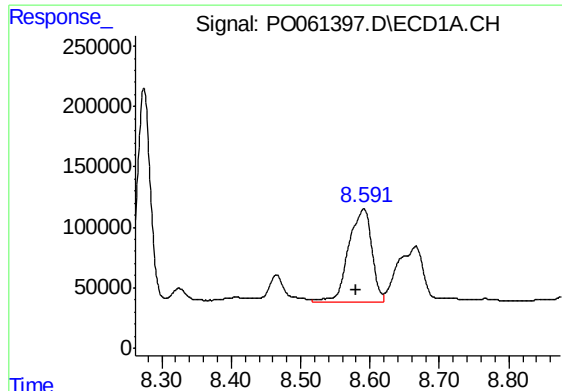
#40 AR-1262-5

R.T.: 9.301 min
Delta R.T.: -0.010 min
Response: 653934
Conc: 321.60 ng/ml



#40 AR-1262-5

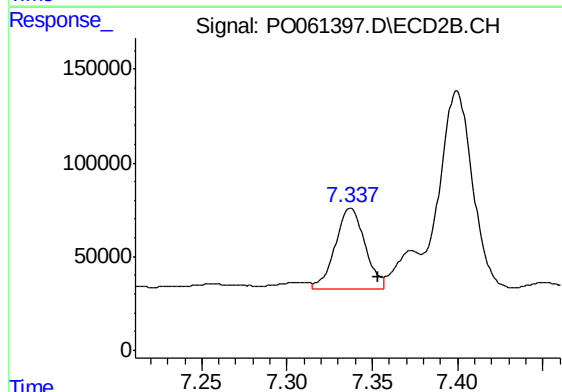
R.T.: 7.889 min
Delta R.T.: -0.016 min
Response: 492518
Conc: 294.26 ng/ml



#41 AR-1268-1

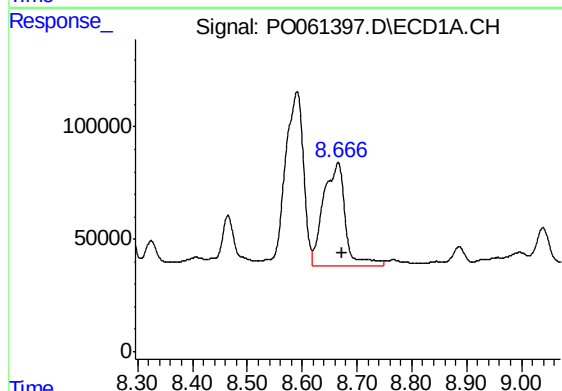
R.T.: 8.591 min
Delta R.T.: 0.011 min
Response: 1813807
Conc: 245.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
TS-1



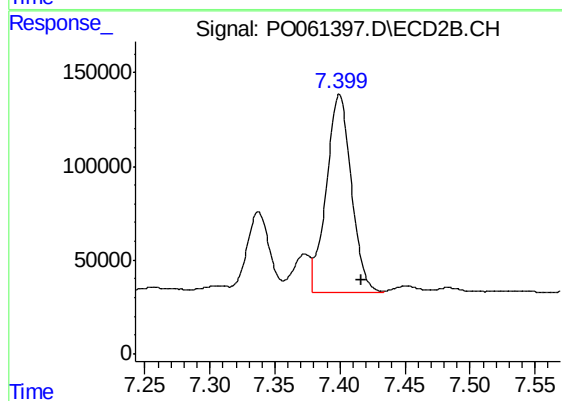
#41 AR-1268-1

R.T.: 7.337 min
Delta R.T.: -0.016 min
Response: 527146
Conc: 89.93 ng/ml



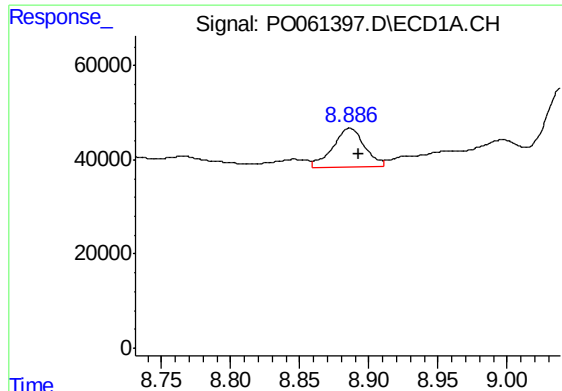
#42 AR-1268-2

R.T.: 8.666 min
Delta R.T.: -0.007 min
Response: 1271389
Conc: 188.21 ng/ml



#42 AR-1268-2

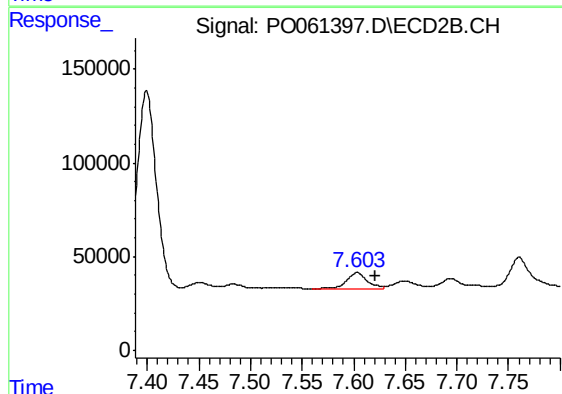
R.T.: 7.400 min
Delta R.T.: -0.017 min
Response: 1416514
Conc: 265.76 ng/ml



#43 AR-1268-3

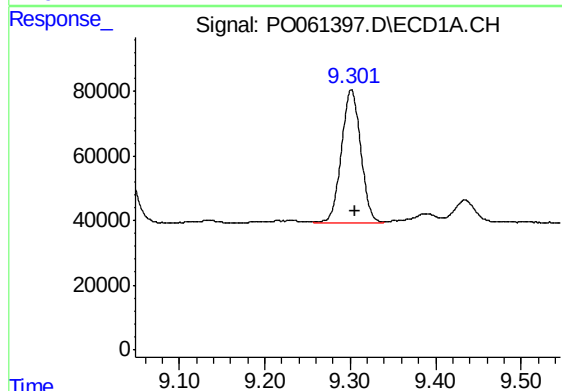
R.T.: 8.886 min
Delta R.T.: -0.006 min
Response: 131281
Conc: 23.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
TS-1



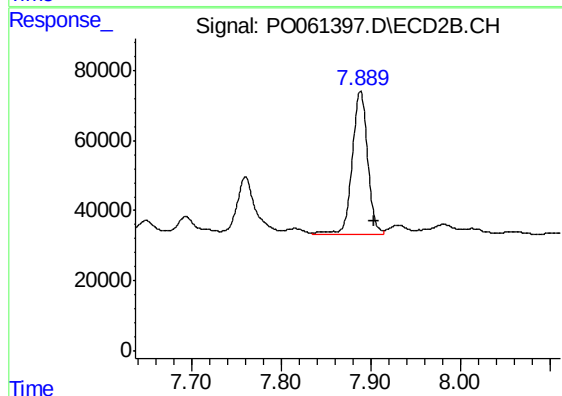
#43 AR-1268-3

R.T.: 7.603 min
Delta R.T.: -0.018 min
Response: 121855
Conc: 27.49 ng/ml



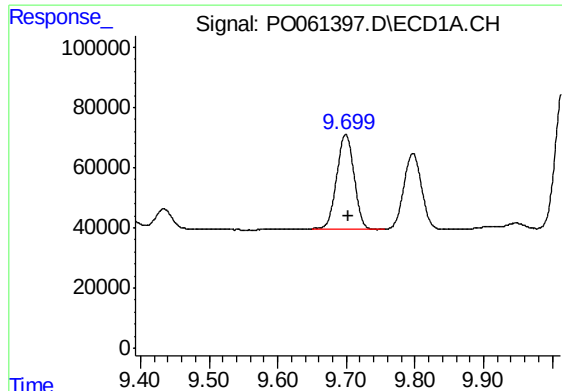
#44 AR-1268-4

R.T.: 9.301 min
Delta R.T.: -0.005 min
Response: 653934
Conc: 283.49 ng/ml



#44 AR-1268-4

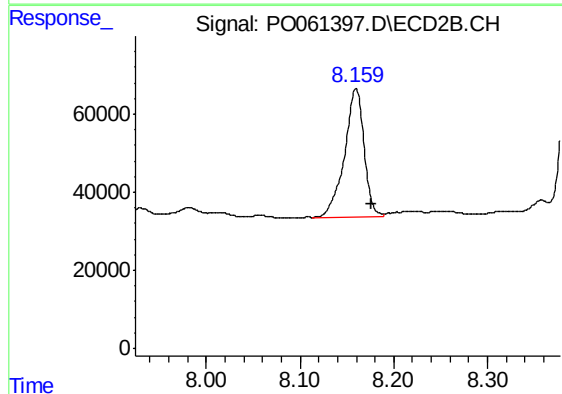
R.T.: 7.889 min
Delta R.T.: -0.014 min
Response: 492518
Conc: 257.75 ng/ml



#45 AR-1268-5

R.T.: 9.699 min
Delta R.T.: -0.005 min
Response: 549963
Conc: 34.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
TS-1



#45 AR-1268-5

R.T.: 8.160 min
Delta R.T.: -0.017 min
Response: 473772
Conc: 39.37 ng/ml