

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082819\
 Data File : P0059963.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 28 Aug 2019 15:00
 Operator : SM/AJ
 Sample : K4499-01RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 24408-26706

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 28 15:57:49 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 28 13:30:59 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...	4.129	3.501	941370	773398	26.887	21.486
2)	SA Decachlor...	9.599	8.361	1164816	879290	21.895	21.807
Target Compounds							
3)	L1 AR-1016-1	5.279	0.000	30085	0	18.757	N.D. #
4)	L1 AR-1016-2	5.300	0.000	29103	0	12.164	N.D. #
5)	L1 AR-1016-3	5.362	0.000	12174	0	8.173	N.D. #
6)	L1 AR-1016-4	5.461	0.000	4165	0	3.443	N.D. #
7)	L1 AR-1016-5	5.684	0.000	1924	0	1.499	N.D. #
8)	L2 AR-1221-1	4.352	0.000	3358	0	7.931	N.D. #
9)	L2 AR-1221-2	4.430	0.000	22009	0	67.764	N.D. #
10)	L2 AR-1221-3	4.505	3.928	14013	304113	13.322	310.812 #
11)	L3 AR-1232-1	4.505	3.928	14013	304113	11.243	266.736 #
12)	L3 AR-1232-2	5.048	0.000	22151	0	31.358	N.D. #
13)	L3 AR-1232-3	5.300	0.000	29103	0	19.005	N.D. #
14)	L3 AR-1232-4	5.501	0.000	8690	0	11.114	N.D. #
15)	L3 AR-1232-5	5.590	0.000	21126	0	35.143	N.D. #
16)	L4 AR-1242-1	5.300	0.000	29103	0	22.924	N.D. #
17)	L4 AR-1242-2	5.300	0.000	29103	0	15.683	N.D. #
18)	L4 AR-1242-3	5.389	0.000	6176	0	5.284	N.D. #
19)	L4 AR-1242-4	5.501	0.000	8690	0	8.979	N.D. #
20)	L4 AR-1242-5	6.215	0.000	3737	0	2.974	N.D. #
21)	L5 AR-1248-1	5.279	0.000	30085	0	30.008	N.D. #
22)	L5 AR-1248-2	5.545	0.000	16015	0	11.038	N.D. #
23)	L5 AR-1248-3	5.684	0.000	1924	0	1.158	N.D. #
24)	L5 AR-1248-4	6.145	0.000	18233	0	8.920	N.D. #
25)	L5 AR-1248-5	6.182	0.000	28090	0	14.165	N.D. #
26)	L6 AR-1254-1	6.115	0.000	32729	0	15.687	N.D. #
27)	L6 AR-1254-2	6.334	0.000	84464	0	25.317	N.D. #
28)	L6 AR-1254-3	6.698	0.000	106853	0	30.112	N.D. #
29)	L6 AR-1254-4	6.978	0.000	48478	0	16.458	N.D. #
30)	L6 AR-1254-5	7.393	6.506	165828	177736	53.625	57.242
31)	L7 AR-1260-1	6.853	0.000	108724	0	40.330	N.D. #
32)	L7 AR-1260-2	7.113	6.185	285515	83654	76.948	28.552 #
33)	L7 AR-1260-3	7.463	6.334	148670	75609	45.377	28.541 #
34)	L7 AR-1260-4	7.689	6.795	165371	99295	53.844	43.886
35)	L7 AR-1260-5	7.997	7.039	397571	190564	56.147	34.627 #
36)	L8 AR-1262-1	7.463	6.540	148670	111077	30.635	29.799
37)	L8 AR-1262-2	8.041	7.039	75643	190564	9.803	32.414 #
38)	L8 AR-1262-3	8.296	7.312	127092	69452	24.909	27.333
39)	L8 AR-1262-4	8.359	7.378	255753	140604	66.348	31.819 #
40)	L8 AR-1262-5	8.991	0.000	36986	0	14.411	N.D. #
41)	L9 AR-1268-1	8.296	7.312	127092	69452	13.505	9.753 #
42)	L9 AR-1268-2	8.359	7.378	255753	140604	32.445	21.806 #

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 Acq On : 28 Aug 2019 15:00
 Operator : SM/AJ
 Sample : K4499-01RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

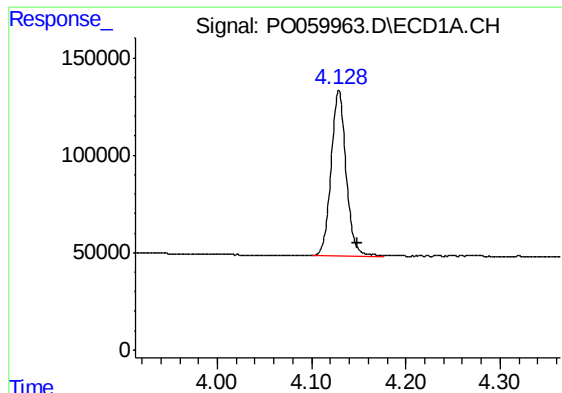
Instrument :
 ECD_O
 ClientSampleId :
 24408-26706

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 28 15:57:49 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.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	8.610	0.000	93920	0	13.324	N.D.	#
44)	L9 AR-1268-4	8.991	0.000	36986	0	13.304	N.D.	#
45)	L9 AR-1268-5	9.369	0.000	8588	0	0.466	N.D.	#

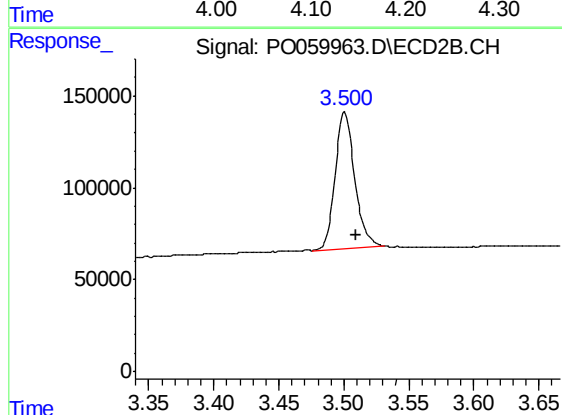
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

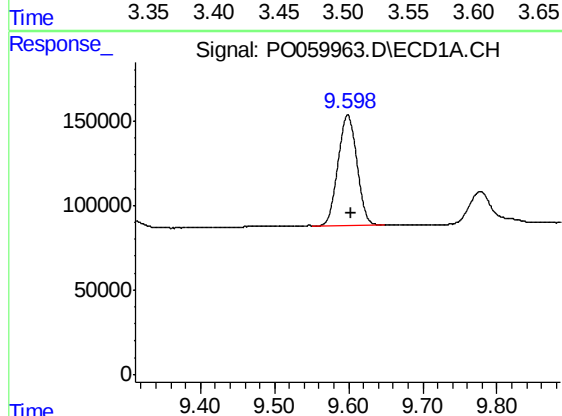
R.T.: 4.129 min
Delta R.T.: -0.020 min
Response: 941370
Conc: 26.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
24408-26706



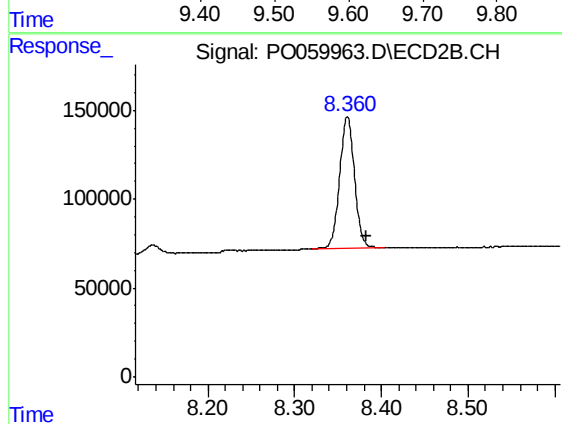
#1 Tetrachloro-m-xylene

R.T.: 3.501 min
Delta R.T.: -0.009 min
Response: 773398
Conc: 21.49 ng/ml



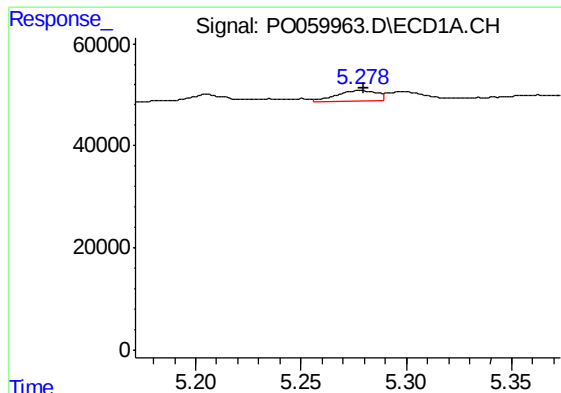
#2 Decachlorobiphenyl

R.T.: 9.599 min
Delta R.T.: -0.004 min
Response: 1164816
Conc: 21.89 ng/ml



#2 Decachlorobiphenyl

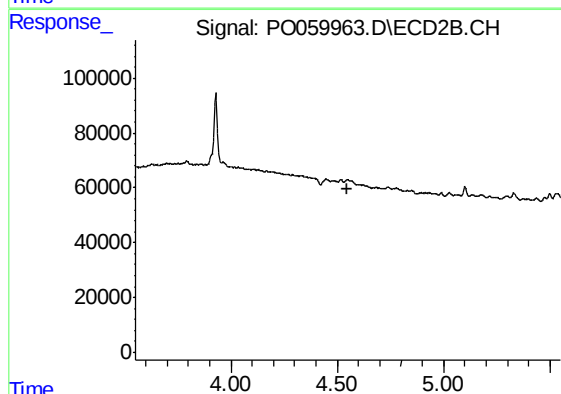
R.T.: 8.361 min
Delta R.T.: -0.022 min
Response: 879290
Conc: 21.81 ng/ml



#3 AR-1016-1

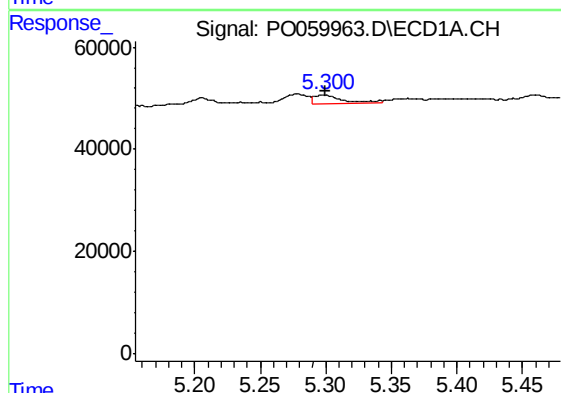
R.T.: 5.279 min
Delta R.T.: -0.001 min
Response: 30085
Conc: 18.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
24408-26706



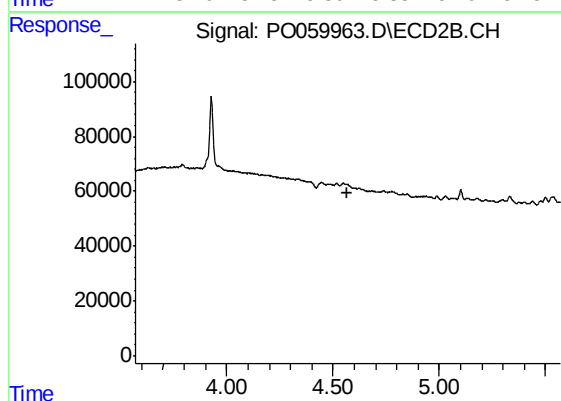
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.550 min
Response: 0
Conc: N.D.



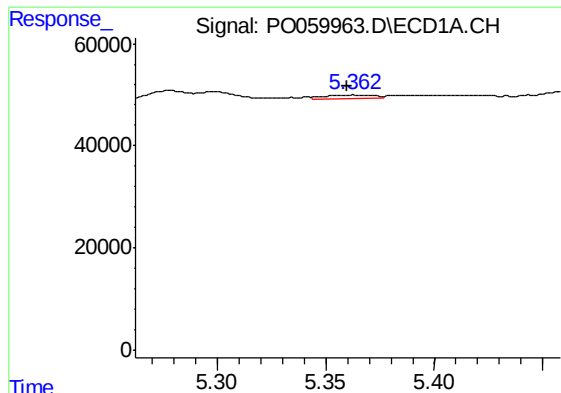
#4 AR-1016-2

R.T.: 5.300 min
Delta R.T.: 0.000 min
Response: 29103
Conc: 12.16 ng/ml



#4 AR-1016-2

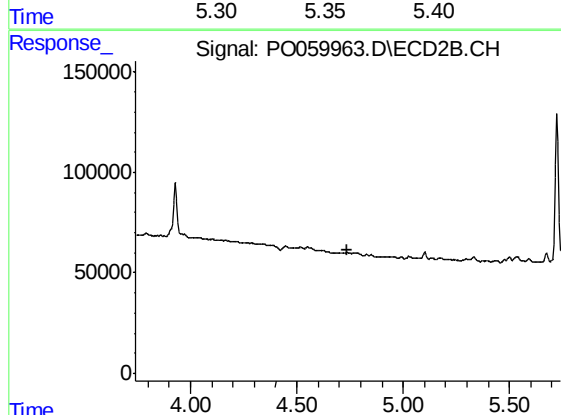
R.T.: 0.000 min
Exp R.T. : 4.570 min
Response: 0
Conc: N.D.



#5 AR-1016-3

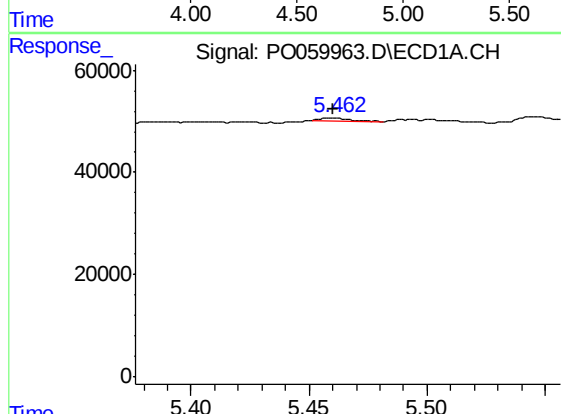
R.T.: 5.362 min
Delta R.T.: 0.002 min
Response: 12174
Conc: 8.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
24408-26706



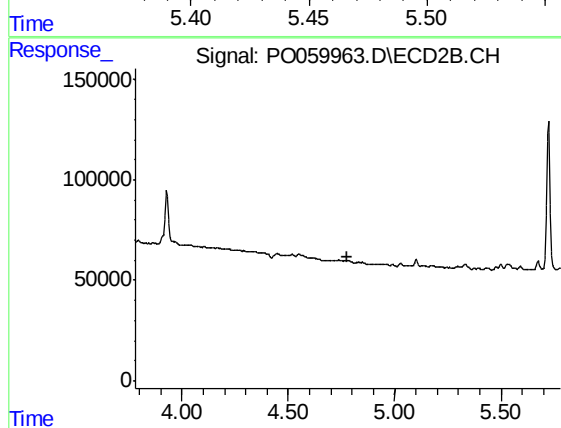
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.740 min
Response: 0
Conc: N.D.



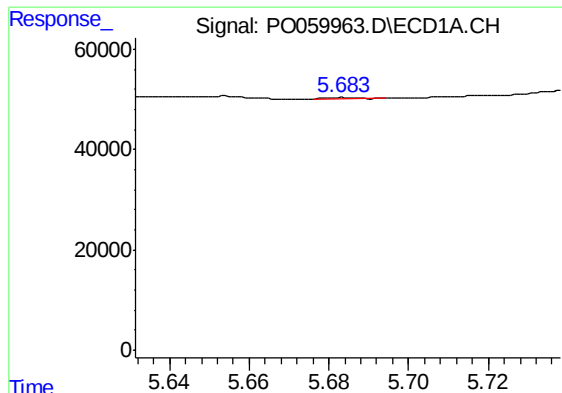
#6 AR-1016-4

R.T.: 5.461 min
Delta R.T.: 0.000 min
Response: 4165
Conc: 3.44 ng/ml



#6 AR-1016-4

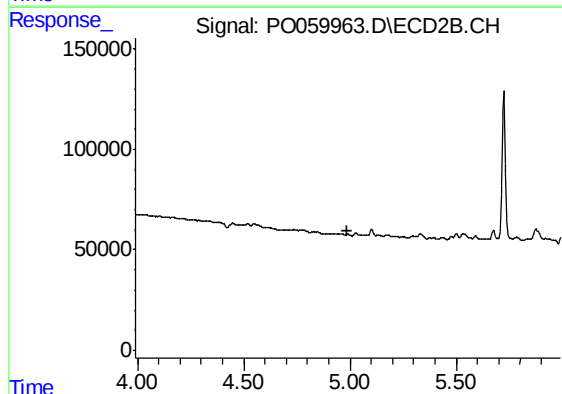
R.T.: 0.000 min
Exp R.T. : 4.780 min
Response: 0
Conc: N.D.



#7 AR-1016-5

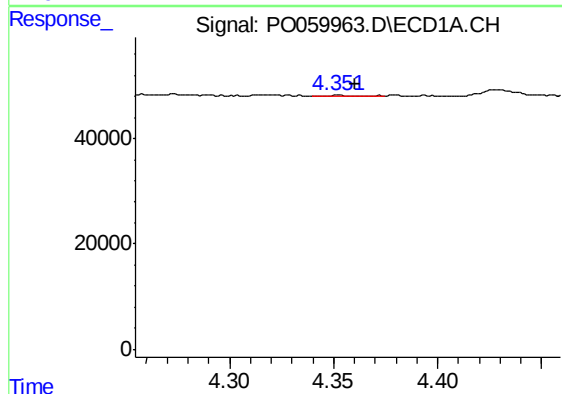
R.T.: 5.684 min
Delta R.T.: -0.056 min
Response: 1924
Conc: 1.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
24408-26706



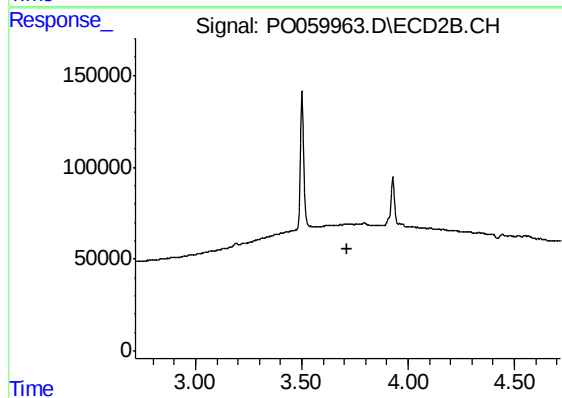
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 4.990 min
Response: 0
Conc: N.D.



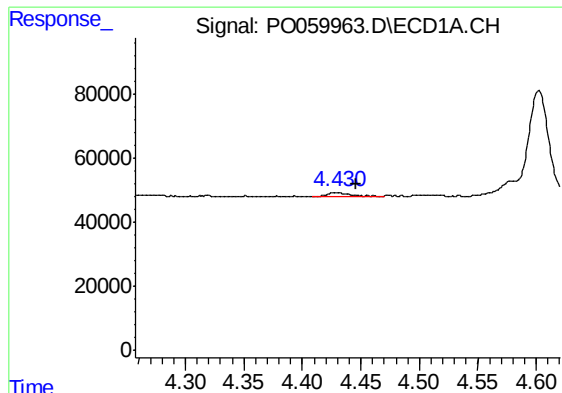
#8 AR-1221-1

R.T.: 4.352 min
Delta R.T.: -0.008 min
Response: 3358
Conc: 7.93 ng/ml



#8 AR-1221-1

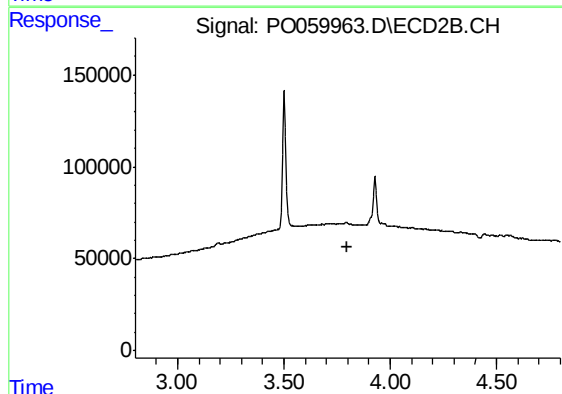
R.T.: 0.000 min
Exp R.T. : 3.717 min
Response: 0
Conc: N.D.



#9 AR-1221-2

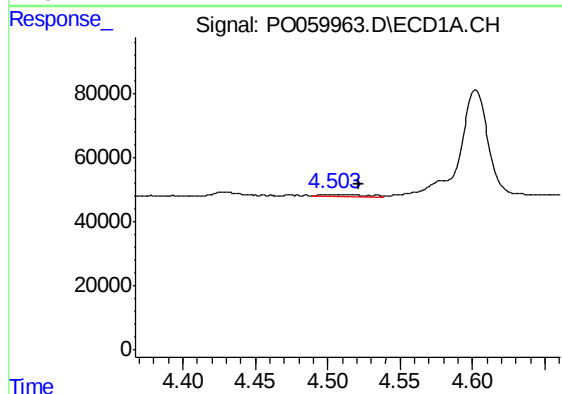
R.T.: 4.430 min
Delta R.T.: -0.016 min
Response: 22009
Conc: 67.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
24408-26706



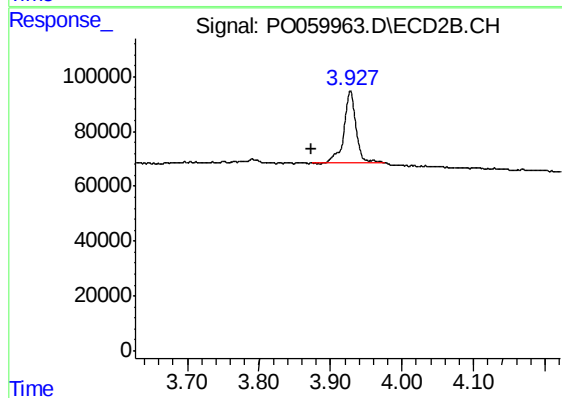
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.801 min
Response: 0
Conc: N.D.



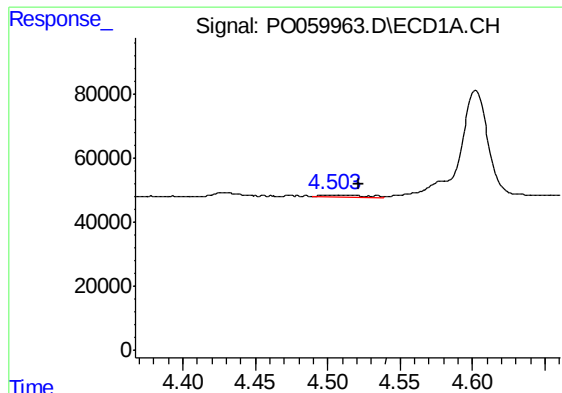
#10 AR-1221-3

R.T.: 4.505 min
Delta R.T.: -0.017 min
Response: 14013
Conc: 13.32 ng/ml



#10 AR-1221-3

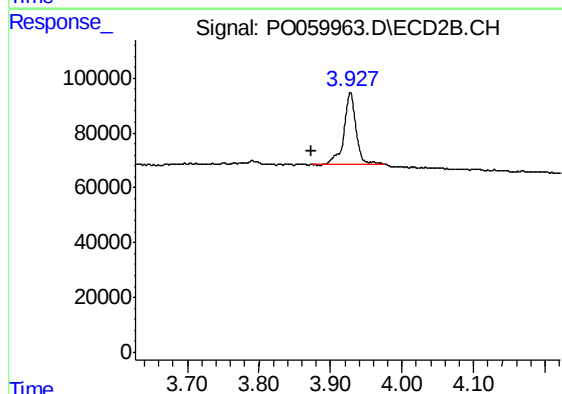
R.T.: 3.928 min
Delta R.T.: 0.054 min
Response: 304113
Conc: 310.81 ng/ml



#11 AR-1232-1

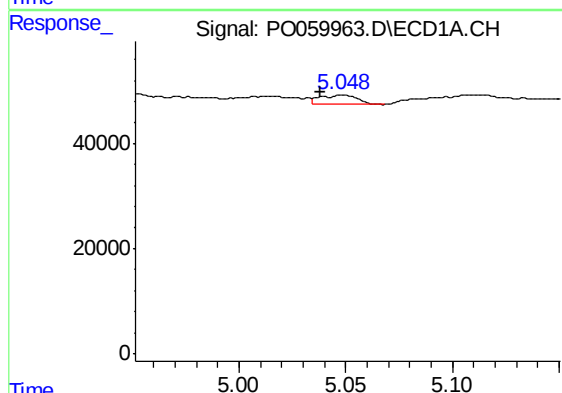
R.T.: 4.505 min
Delta R.T.: -0.016 min
Response: 14013
Conc: 11.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
24408-26706



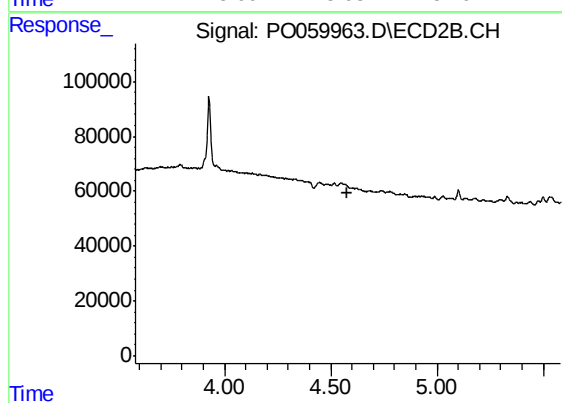
#11 AR-1232-1

R.T.: 3.928 min
Delta R.T.: 0.054 min
Response: 304113
Conc: 266.74 ng/ml



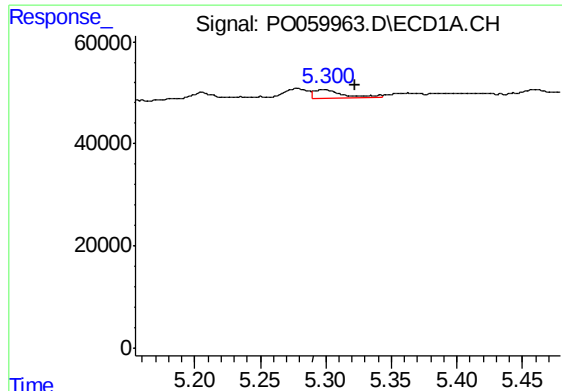
#12 AR-1232-2

R.T.: 5.048 min
Delta R.T.: 0.010 min
Response: 22151
Conc: 31.36 ng/ml



#12 AR-1232-2

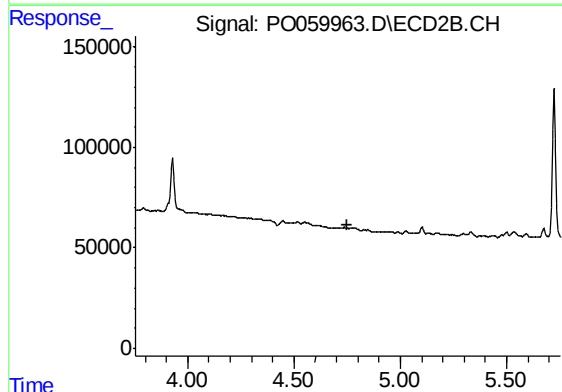
R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



#13 AR-1232-3

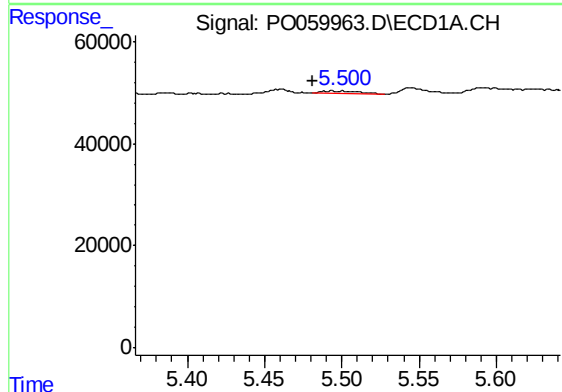
R.T.: 5.300 min
Delta R.T.: -0.022 min
Response: 29103
Conc: 19.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
24408-26706



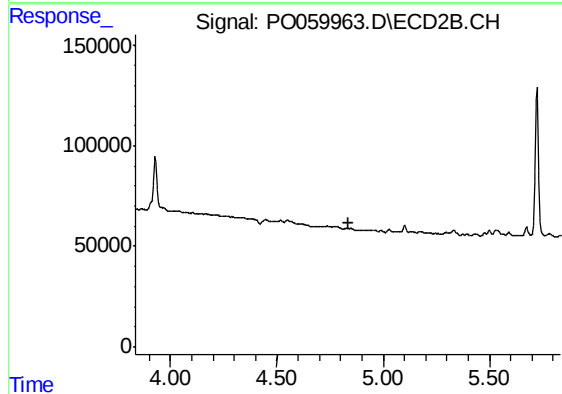
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.753 min
Response: 0
Conc: N.D.



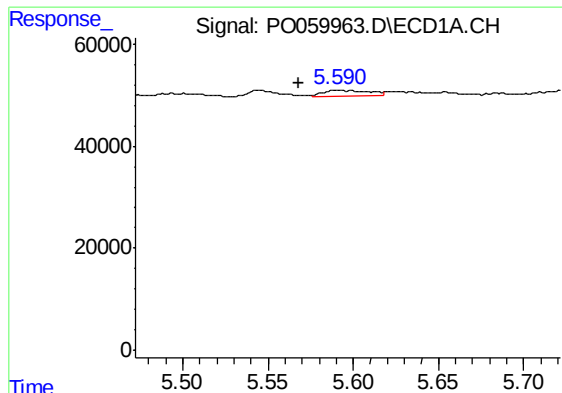
#14 AR-1232-4

R.T.: 5.501 min
Delta R.T.: 0.020 min
Response: 8690
Conc: 11.11 ng/ml



#14 AR-1232-4

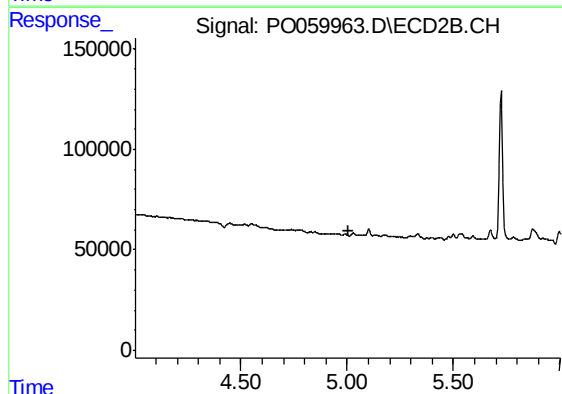
R.T.: 0.000 min
Exp R.T. : 4.834 min
Response: 0
Conc: N.D.



#15 AR-1232-5

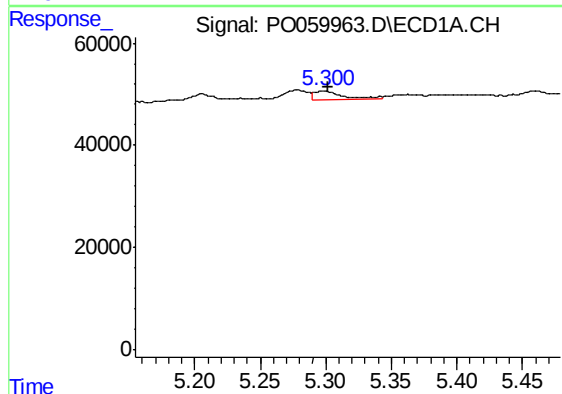
R.T.: 5.590 min
Delta R.T.: 0.023 min
Response: 21126
Conc: 35.14 ng/ml

Instrument :
ECD_O
ClientSampleId :
24408-26706



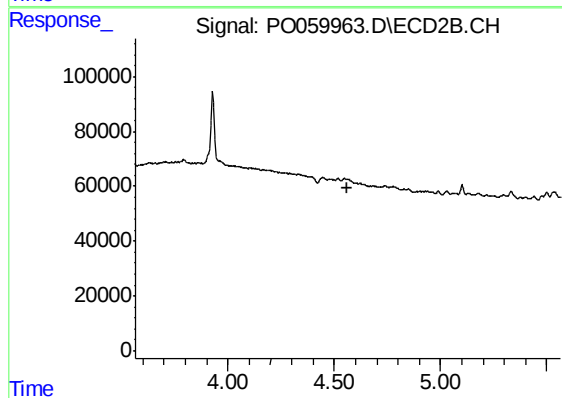
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.004 min
Response: 0
Conc: N.D.



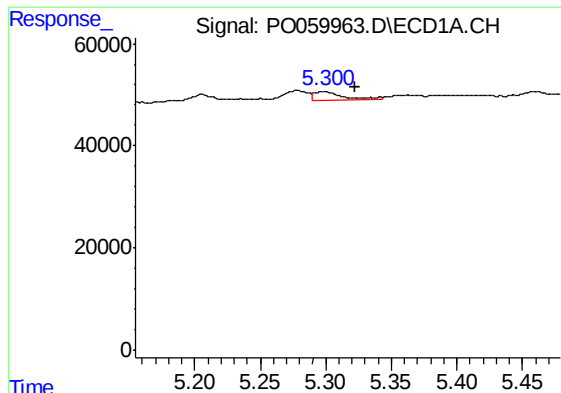
#16 AR-1242-1

R.T.: 5.300 min
Delta R.T.: -0.002 min
Response: 29103
Conc: 22.92 ng/ml



#16 AR-1242-1

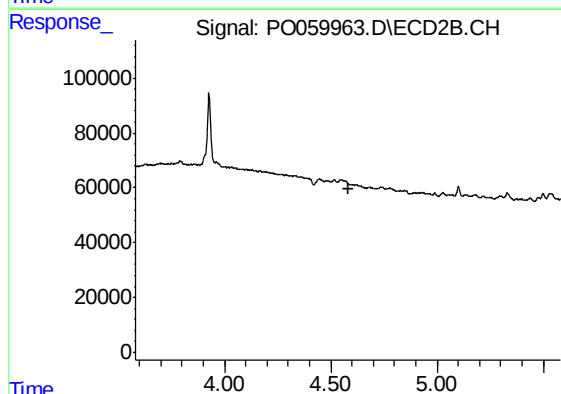
R.T.: 0.000 min
Exp R.T. : 4.564 min
Response: 0
Conc: N.D.



#17 AR-1242-2

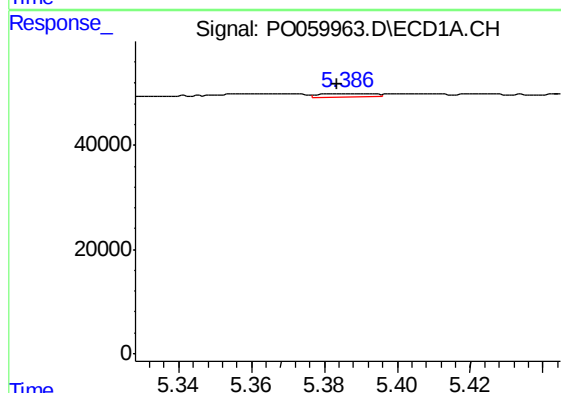
R.T.: 5.300 min
Delta R.T.: -0.023 min
Response: 29103
Conc: 15.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
24408-26706



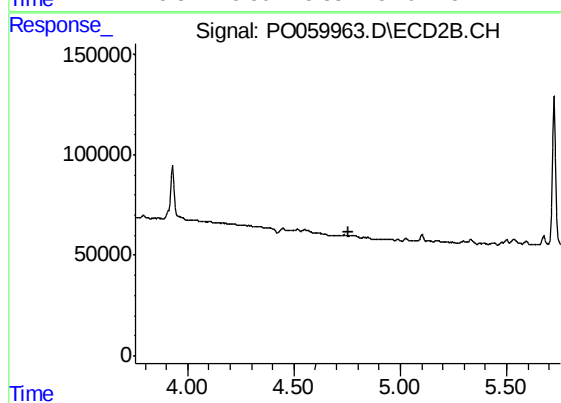
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.581 min
Response: 0
Conc: N.D.



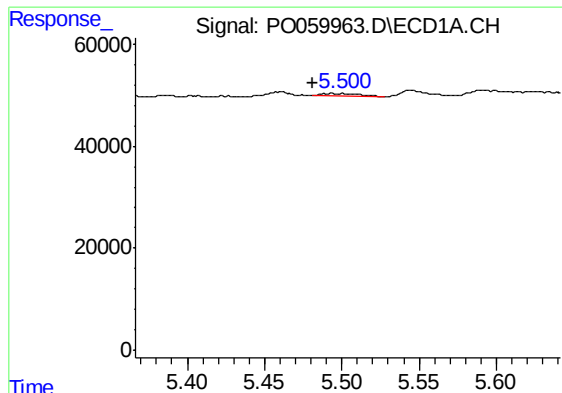
#18 AR-1242-3

R.T.: 5.389 min
Delta R.T.: 0.006 min
Response: 6176
Conc: 5.28 ng/ml



#18 AR-1242-3

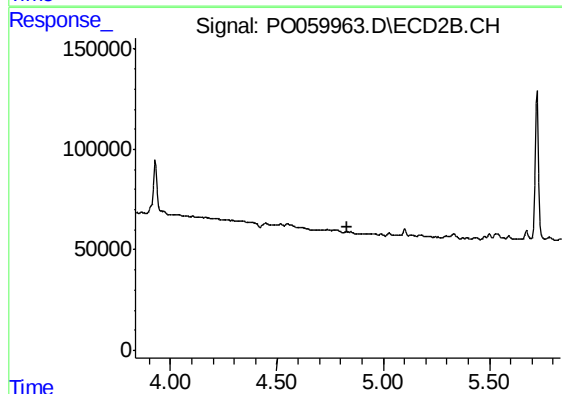
R.T.: 0.000 min
Exp R.T. : 4.754 min
Response: 0
Conc: N.D.



#19 AR-1242-4

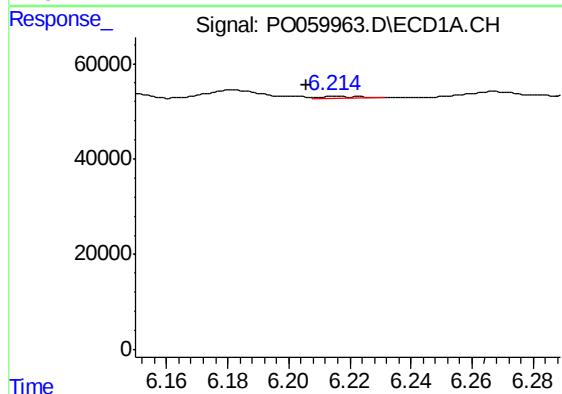
R.T.: 5.501 min
Delta R.T.: 0.020 min
Response: 8690
Conc: 8.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
24408-26706



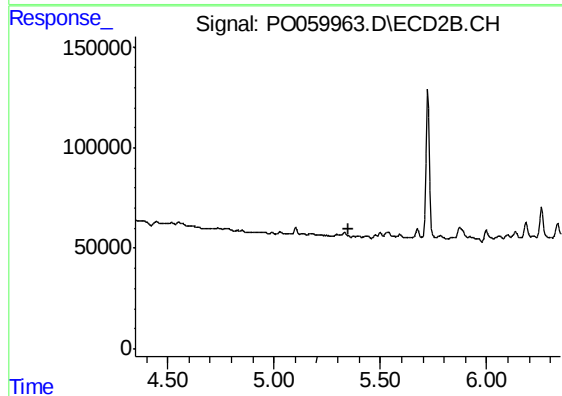
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.834 min
Response: 0
Conc: N.D.



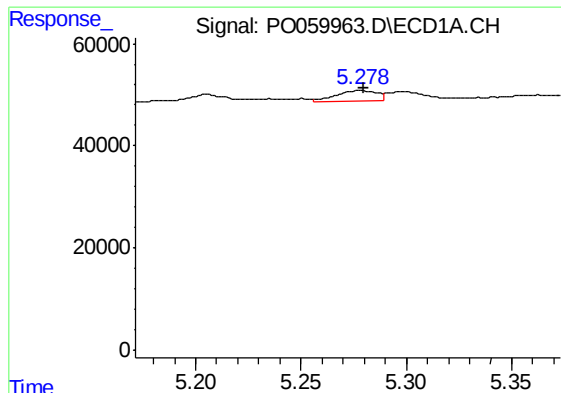
#20 AR-1242-5

R.T.: 6.215 min
Delta R.T.: 0.009 min
Response: 3737
Conc: 2.97 ng/ml



#20 AR-1242-5

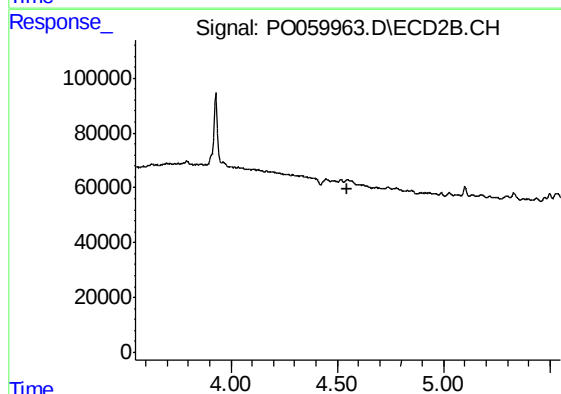
R.T.: 0.000 min
Exp R.T. : 5.348 min
Response: 0
Conc: N.D.



#21 AR-1248-1

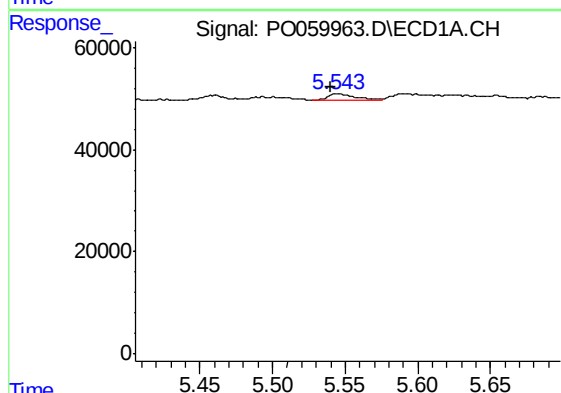
R.T.: 5.279 min
Delta R.T.: -0.001 min
Response: 30085
Conc: 30.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
24408-26706



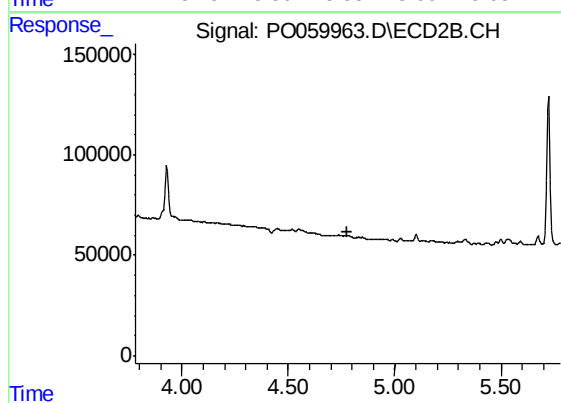
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.550 min
Response: 0
Conc: N.D.



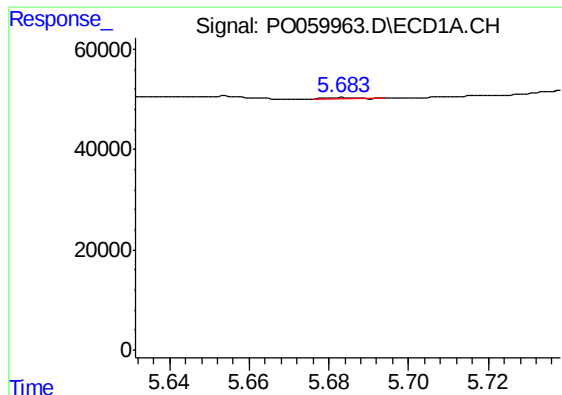
#22 AR-1248-2

R.T.: 5.545 min
Delta R.T.: 0.005 min
Response: 16015
Conc: 11.04 ng/ml



#22 AR-1248-2

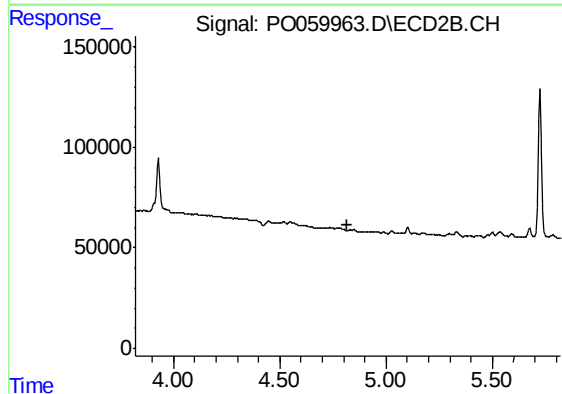
R.T.: 0.000 min
Exp R.T. : 4.780 min
Response: 0
Conc: N.D.



#23 AR-1248-3

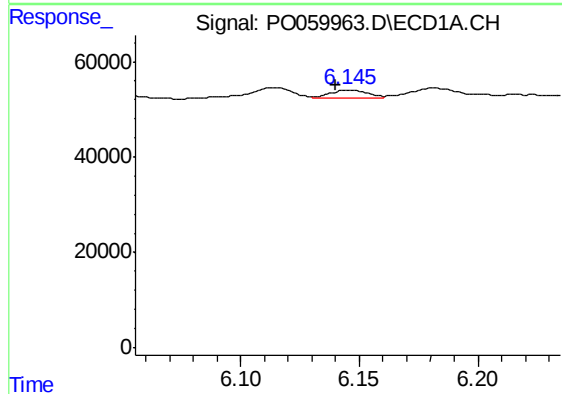
R.T.: 5.684 min
Delta R.T.: -0.056 min
Response: 1924
Conc: 1.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
24408-26706



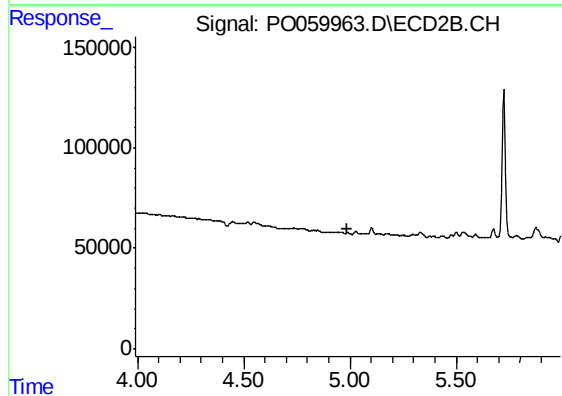
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.820 min
Response: 0
Conc: N.D.



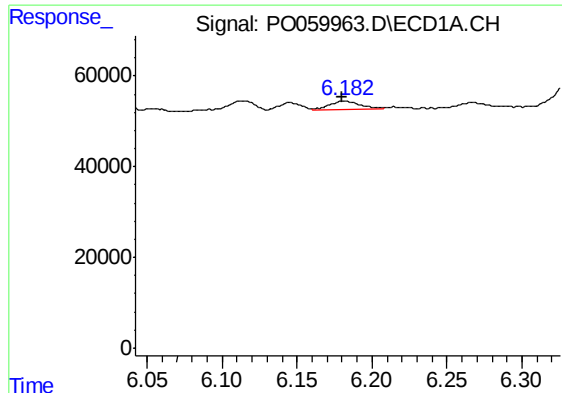
#24 AR-1248-4

R.T.: 6.145 min
Delta R.T.: 0.005 min
Response: 18233
Conc: 8.92 ng/ml



#24 AR-1248-4

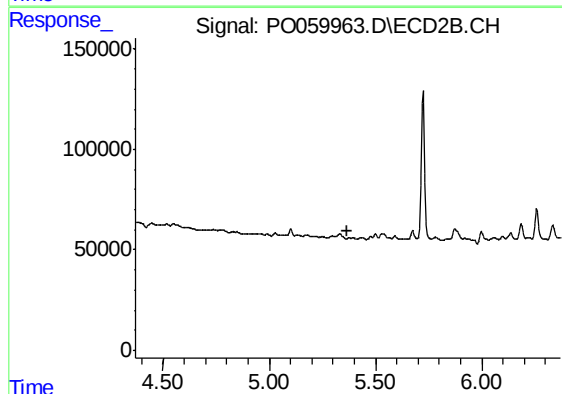
R.T.: 0.000 min
Exp R.T. : 4.990 min
Response: 0
Conc: N.D.



#25 AR-1248-5

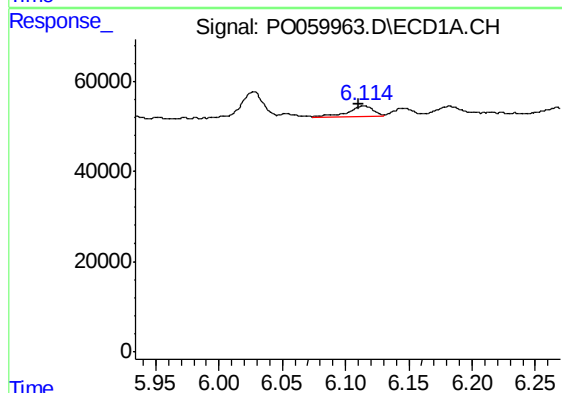
R.T.: 6.182 min
Delta R.T.: 0.002 min
Response: 28090
Conc: 14.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
24408-26706



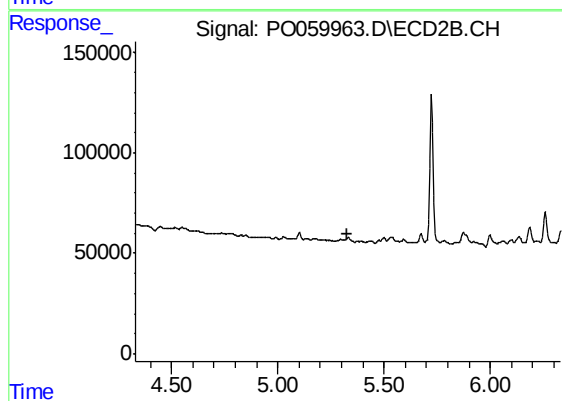
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.370 min
Response: 0
Conc: N.D.



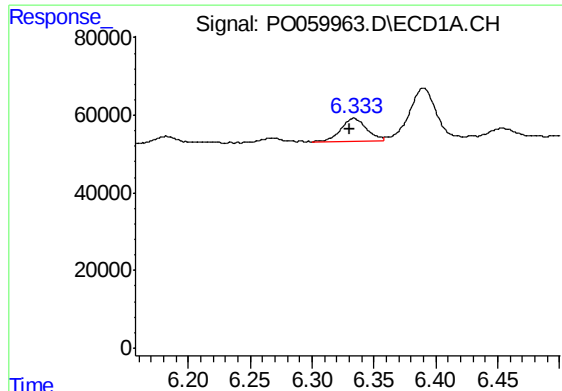
#26 AR-1254-1

R.T.: 6.115 min
Delta R.T.: 0.005 min
Response: 32729
Conc: 15.69 ng/ml



#26 AR-1254-1

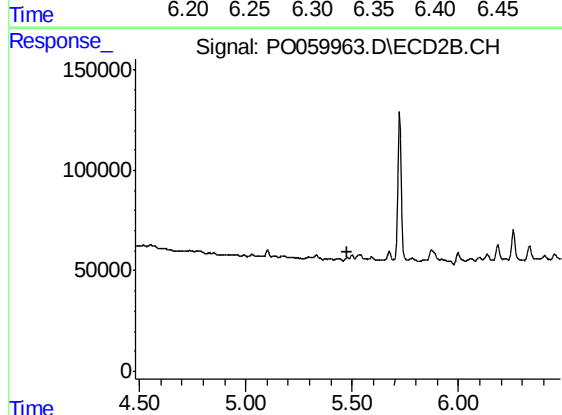
R.T.: 0.000 min
Exp R.T. : 5.330 min
Response: 0
Conc: N.D.



#27 AR-1254-2

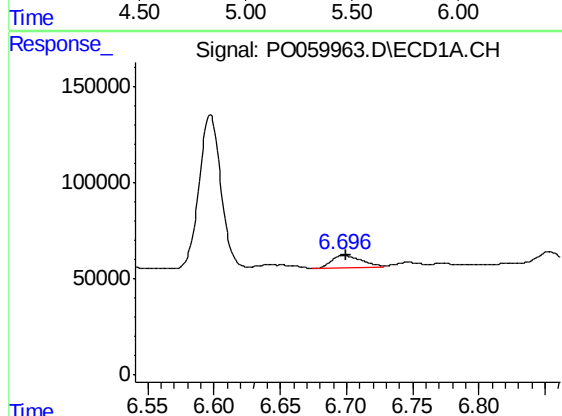
R.T.: 6.334 min
Delta R.T.: 0.004 min
Response: 84464
Conc: 25.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
24408-26706



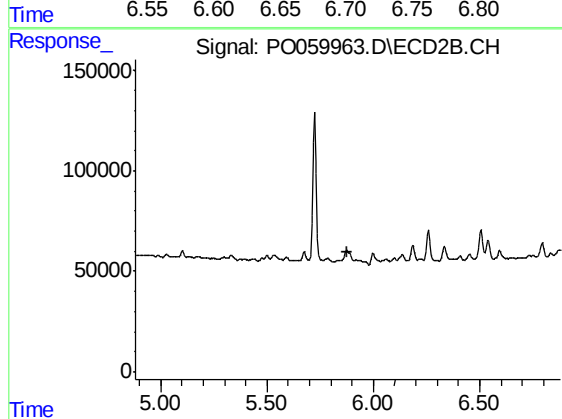
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.480 min
Response: 0
Conc: N.D.



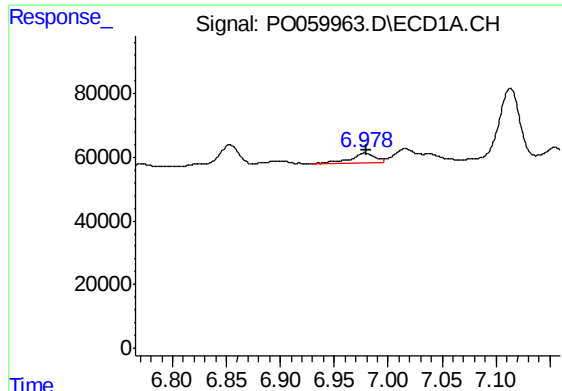
#28 AR-1254-3

R.T.: 6.698 min
Delta R.T.: -0.002 min
Response: 106853
Conc: 30.11 ng/ml



#28 AR-1254-3

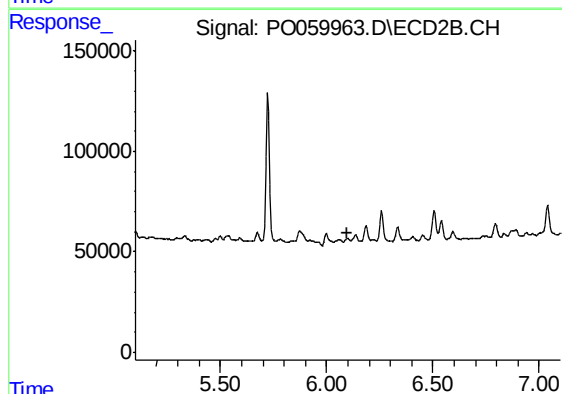
R.T.: 0.000 min
Exp R.T. : 5.880 min
Response: 0
Conc: N.D.



#29 AR-1254-4

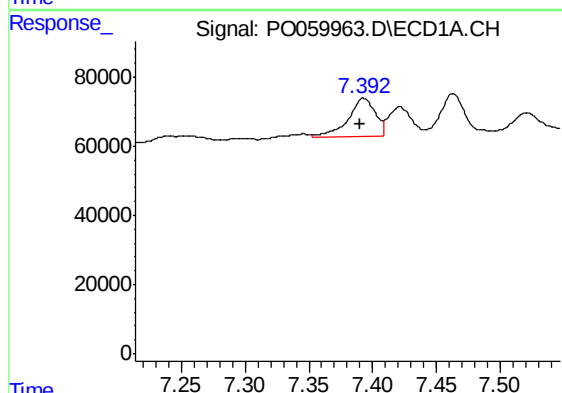
R.T.: 6.978 min
Delta R.T.: -0.002 min
Response: 48478
Conc: 16.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
24408-26706



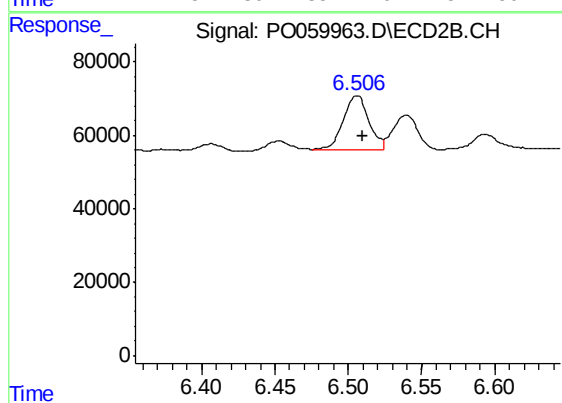
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.100 min
Response: 0
Conc: N.D.



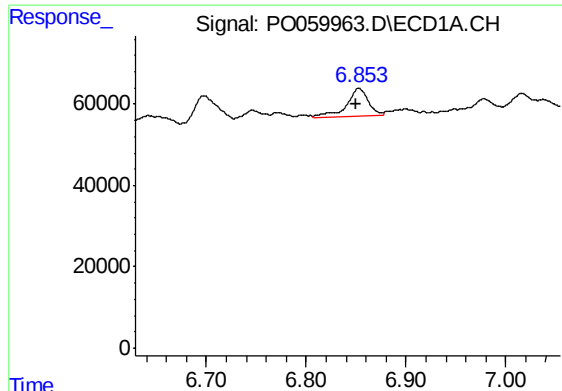
#30 AR-1254-5

R.T.: 7.393 min
Delta R.T.: 0.003 min
Response: 165828
Conc: 53.62 ng/ml



#30 AR-1254-5

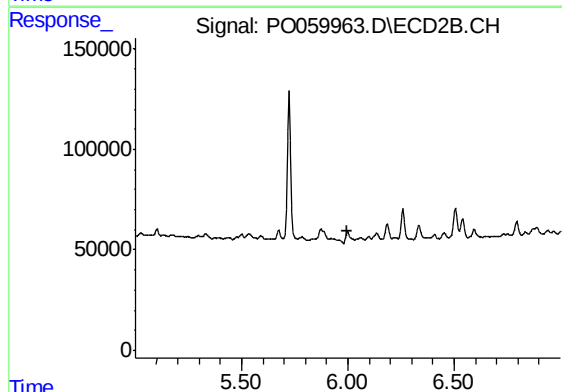
R.T.: 6.506 min
Delta R.T.: -0.004 min
Response: 177736
Conc: 57.24 ng/ml



#31 AR-1260-1

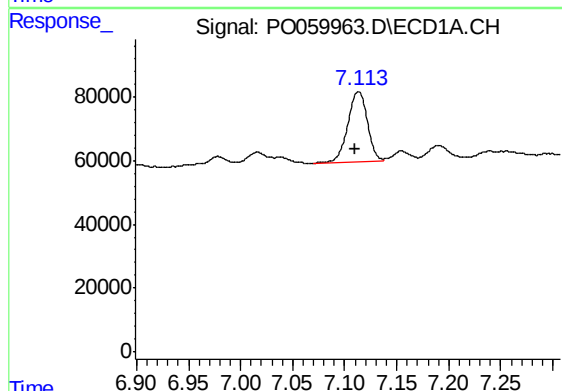
R.T.: 6.853 min
Delta R.T.: 0.003 min
Response: 108724
Conc: 40.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
24408-26706



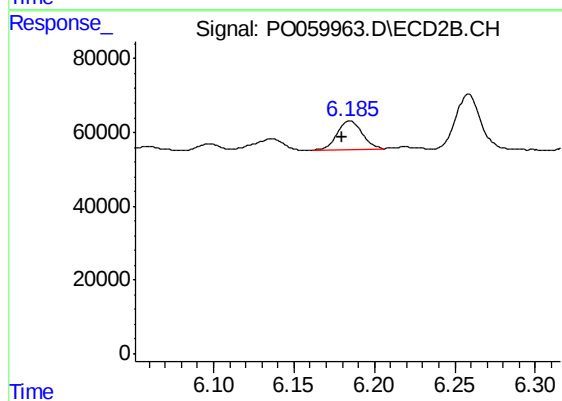
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.000 min
Response: 0
Conc: N.D.



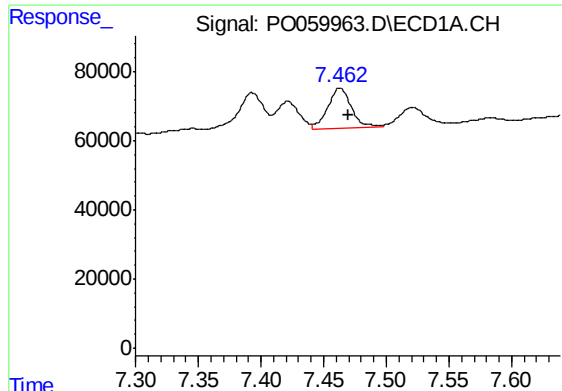
#32 AR-1260-2

R.T.: 7.113 min
Delta R.T.: 0.003 min
Response: 285515
Conc: 76.95 ng/ml



#32 AR-1260-2

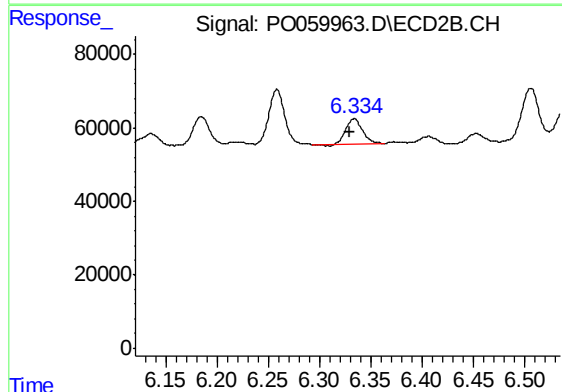
R.T.: 6.185 min
Delta R.T.: 0.005 min
Response: 83654
Conc: 28.55 ng/ml



#33 AR-1260-3

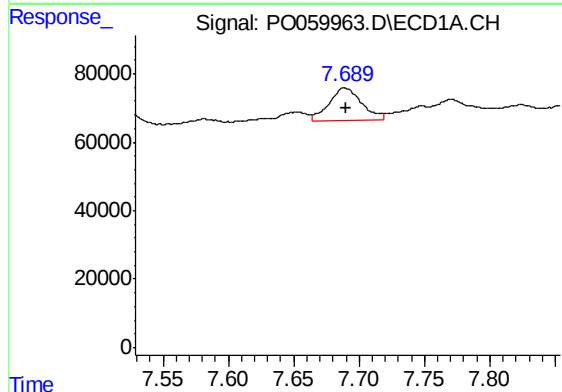
R.T.: 7.463 min
Delta R.T.: -0.007 min
Response: 148670
Conc: 45.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
24408-26706



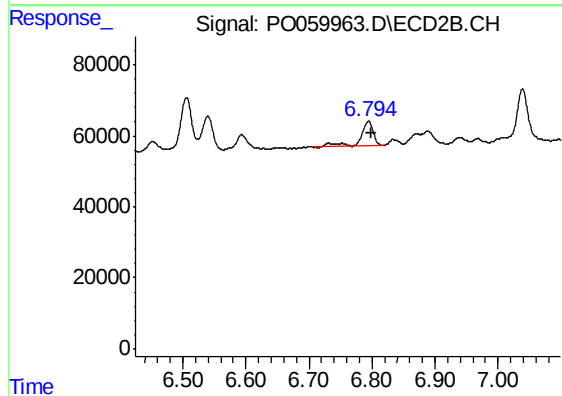
#33 AR-1260-3

R.T.: 6.334 min
Delta R.T.: 0.004 min
Response: 75609
Conc: 28.54 ng/ml



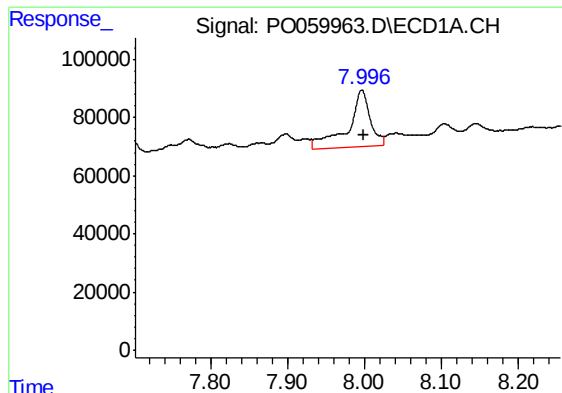
#34 AR-1260-4

R.T.: 7.689 min
Delta R.T.: -0.001 min
Response: 165371
Conc: 53.84 ng/ml



#34 AR-1260-4

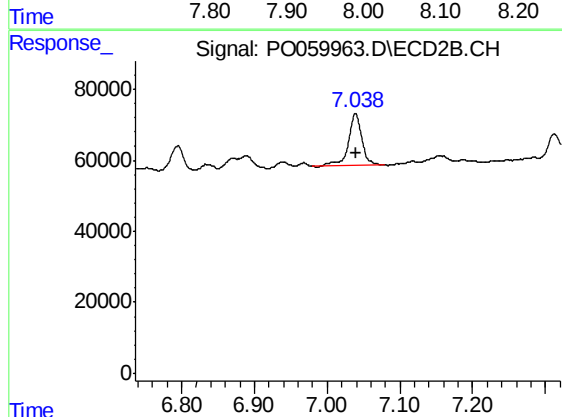
R.T.: 6.795 min
Delta R.T.: -0.005 min
Response: 99295
Conc: 43.89 ng/ml



#35 AR-1260-5

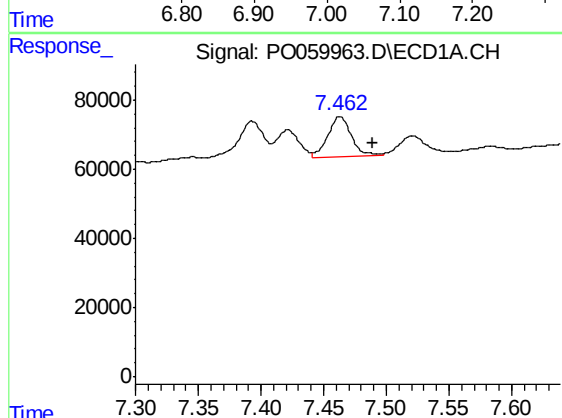
R.T.: 7.997 min
Delta R.T.: -0.003 min
Response: 397571
Conc: 56.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
24408-26706



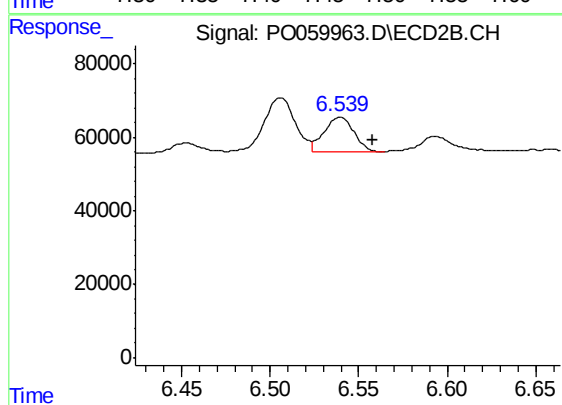
#35 AR-1260-5

R.T.: 7.039 min
Delta R.T.: -0.001 min
Response: 190564
Conc: 34.63 ng/ml



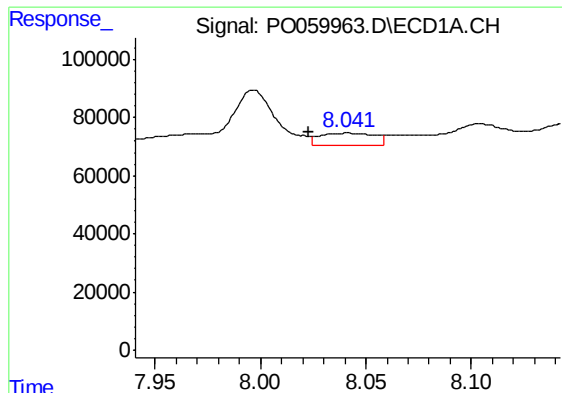
#36 AR-1262-1

R.T.: 7.463 min
Delta R.T.: -0.026 min
Response: 148670
Conc: 30.64 ng/ml



#36 AR-1262-1

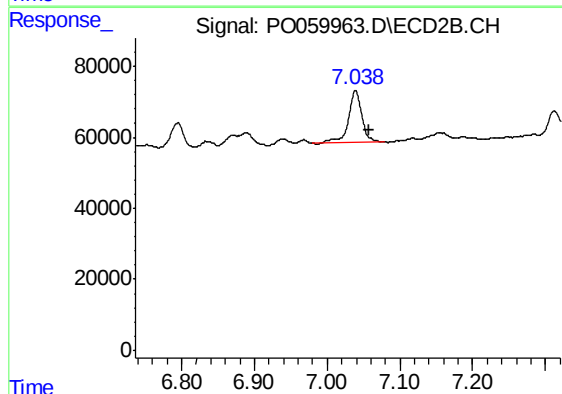
R.T.: 6.540 min
Delta R.T.: -0.018 min
Response: 111077
Conc: 29.80 ng/ml



#37 AR-1262-2

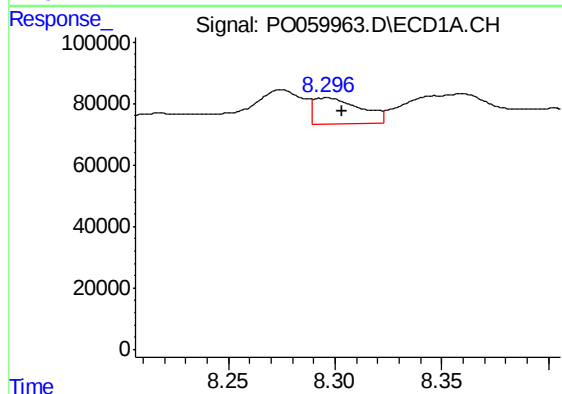
R.T.: 8.041 min
Delta R.T.: 0.018 min
Response: 75643
Conc: 9.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
24408-26706



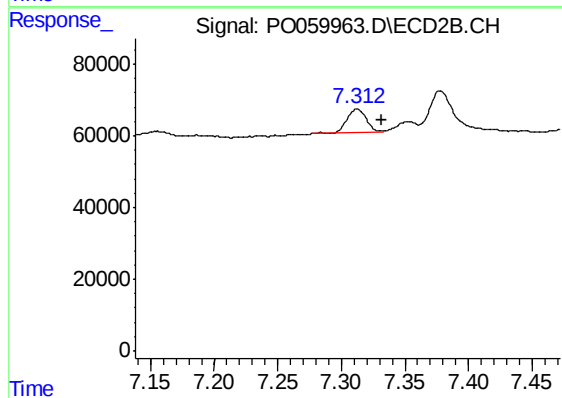
#37 AR-1262-2

R.T.: 7.039 min
Delta R.T.: -0.018 min
Response: 190564
Conc: 32.41 ng/ml



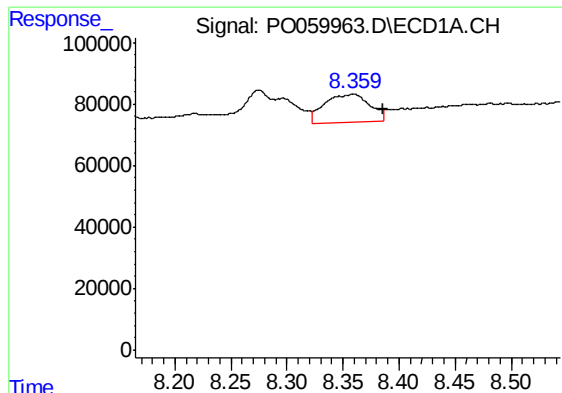
#38 AR-1262-3

R.T.: 8.296 min
Delta R.T.: -0.007 min
Response: 127092
Conc: 24.91 ng/ml



#38 AR-1262-3

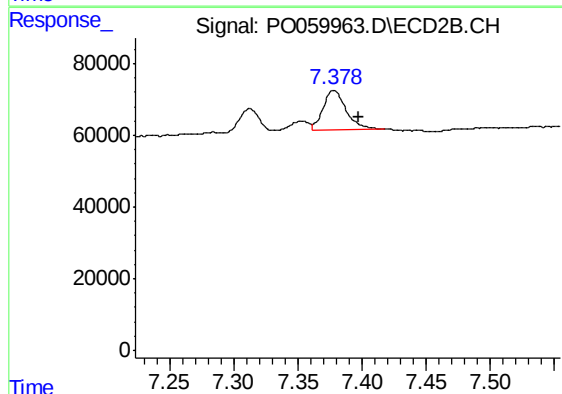
R.T.: 7.312 min
Delta R.T.: -0.020 min
Response: 69452
Conc: 27.33 ng/ml



#39 AR-1262-4

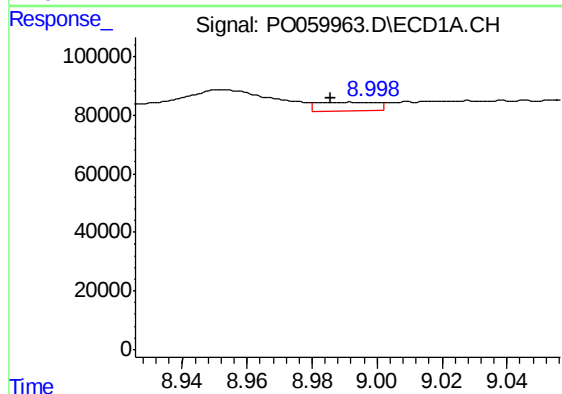
R.T.: 8.359 min
Delta R.T.: -0.027 min
Response: 255753
Conc: 66.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
24408-26706



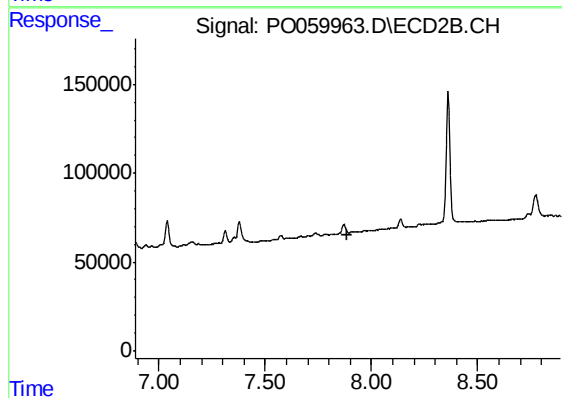
#39 AR-1262-4

R.T.: 7.378 min
Delta R.T.: -0.020 min
Response: 140604
Conc: 31.82 ng/ml



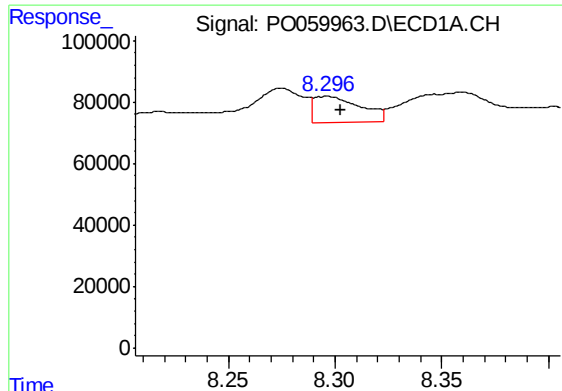
#40 AR-1262-5

R.T.: 8.991 min
Delta R.T.: 0.005 min
Response: 36986
Conc: 14.41 ng/ml



#40 AR-1262-5

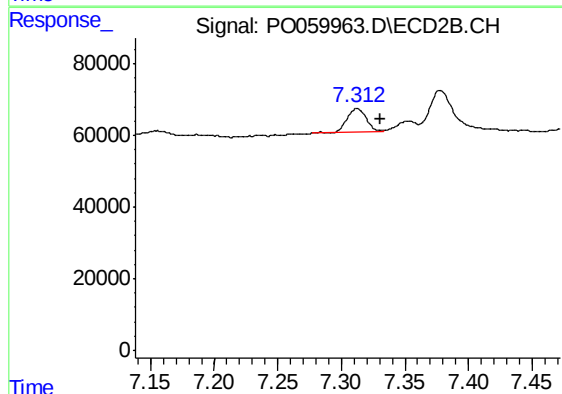
R.T.: 0.000 min
Exp R.T. : 7.889 min
Response: 0
Conc: N.D.



#41 AR-1268-1

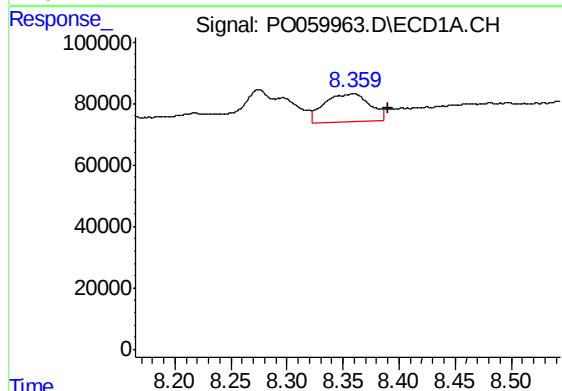
R.T.: 8.296 min
Delta R.T.: -0.006 min
Response: 127092
Conc: 13.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
24408-26706



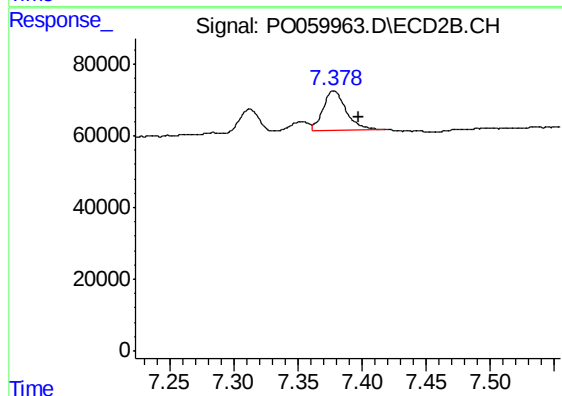
#41 AR-1268-1

R.T.: 7.312 min
Delta R.T.: -0.018 min
Response: 69452
Conc: 9.75 ng/ml



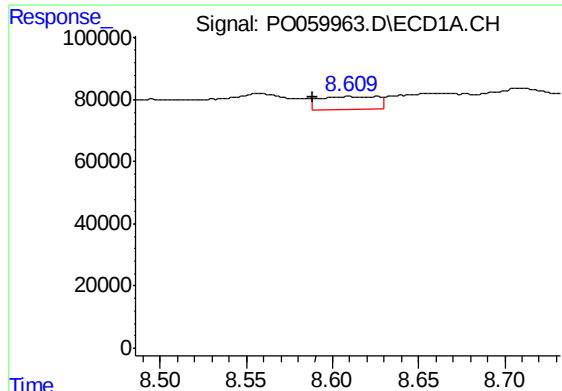
#42 AR-1268-2

R.T.: 8.359 min
Delta R.T.: -0.031 min
Response: 255753
Conc: 32.44 ng/ml



#42 AR-1268-2

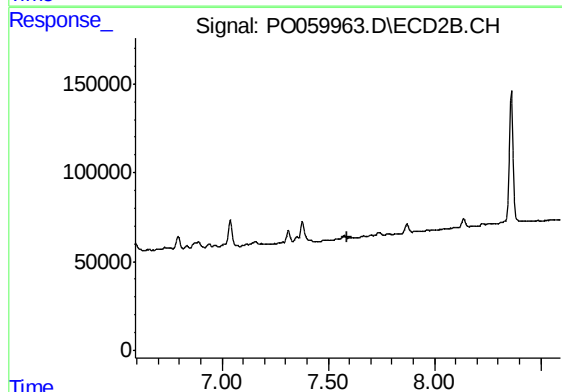
R.T.: 7.378 min
Delta R.T.: -0.020 min
Response: 140604
Conc: 21.81 ng/ml



#43 AR-1268-3

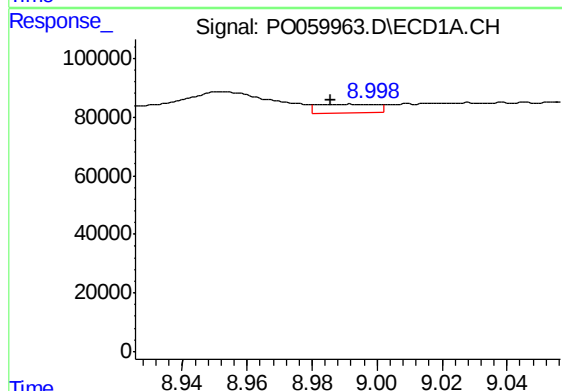
R.T.: 8.610 min
Delta R.T.: 0.021 min
Response: 93920
Conc: 13.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
24408-26706



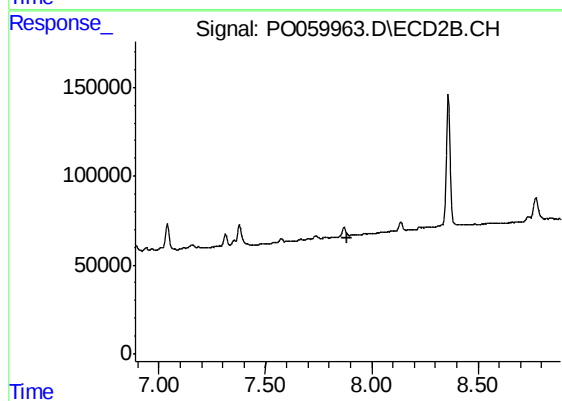
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.592 min
Response: 0
Conc: N.D.



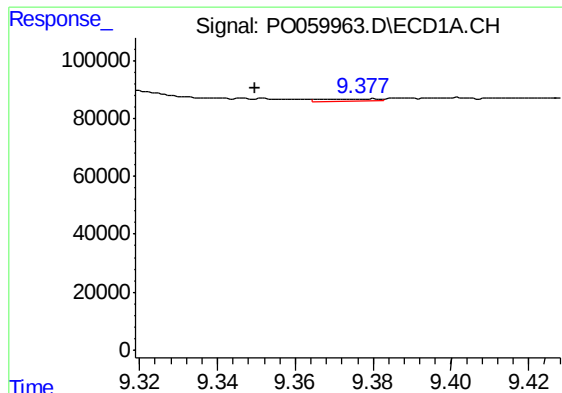
#44 AR-1268-4

R.T.: 8.991 min
Delta R.T.: 0.005 min
Response: 36986
Conc: 13.30 ng/ml



#44 AR-1268-4

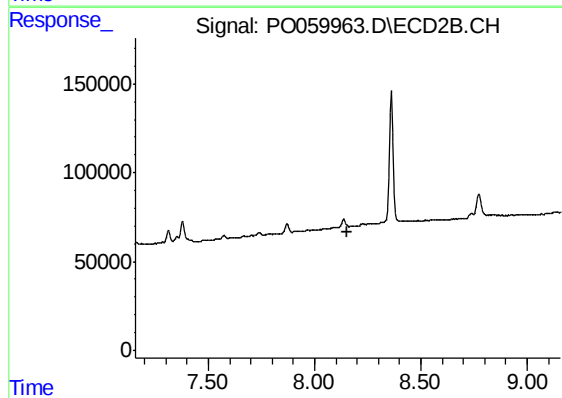
R.T.: 0.000 min
Exp R.T. : 7.888 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.369 min
Delta R.T.: 0.019 min
Response: 8588
Conc: 0.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
24408-26706



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.157 min
Response: 0
Conc: N.D.