

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081519\
 Data File : P0059352.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 15 Aug 2019 17:30
 Operator : SM/SJ
 Sample : K4356-09MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP-5MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 01:32:39 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 14 09:07:26 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...	4.144	3.509	684743	621056	16.225	15.546
2)	SA Decachlor...	9.640	8.384	547233	408025	10.105	10.337
Target Compounds							
3)	L1 AR-1016-1	5.299	4.563	323913	243166	172.850	166.783
4)	L1 AR-1016-2	5.320	4.580	465987	351540	169.355	163.766
5)	L1 AR-1016-3	5.381	4.752	288079	186609	169.664	164.307
6)	L1 AR-1016-4	5.479	4.793	207285	160281	148.145	169.915
7)	L1 AR-1016-5	5.807	5.002	-16486	145441	N.D.	118.107 #
8)	L2 AR-1221-1	4.355	3.800	29370	29568	64.654	73.399
9)	L2 AR-1221-2	4.442	3.800	38160	29568	110.680	99.066
10)	L2 AR-1221-3	4.517	3.872	149805	114881	136.611	120.092
11)	L3 AR-1232-1	4.517	3.872	149805	114881	165.932	146.241
12)	L3 AR-1232-2	5.035	4.580	210591	351540	428.121	415.788
13)	L3 AR-1232-3	5.381	4.752	288079	186609	269.047	424.319 #
14)	L3 AR-1232-4	5.479	4.863	207285	62564	388.823	158.281 #
15)	L3 AR-1232-5	5.609	5.040	221764	53197	543.455	120.833 #
16)	L4 AR-1242-1	5.320	4.580	465987	351540	363.895	346.288
17)	L4 AR-1242-2	5.381	4.580	288079	351540	152.288	232.861 #
18)	L4 AR-1242-3	5.381	4.793	288079	160281	245.582	196.812
19)	L4 AR-1242-4	5.479	4.863	207285	62564	215.699	77.332 #
20)	L4 AR-1242-5	6.205	5.386	57824	34493	49.230	32.155 #
21)	L5 AR-1248-1	5.320	4.580	465987	351540	460.916	439.621
22)	L5 AR-1248-2	5.609	4.833	221764	189535	153.407	171.061
23)	L5 AR-1248-3	5.807	4.863	-16486	62564	N.D.	54.969 #
24)	L5 AR-1248-4	6.205	5.040	57824	53197	28.551	38.080 #
25)	L5 AR-1248-5	6.205	5.386	57824	34493	29.955	24.900
26)	L6 AR-1254-1	6.167	5.386	60067	34493	25.438	13.315 #
27)	L6 AR-1254-2	6.402	5.490	43379	152929	11.256	66.798 #
28)	L6 AR-1254-3	6.773	5.898	322942	292648	79.746	79.538
29)	L6 AR-1254-4	7.064	6.141	97444	84497	27.063	36.339 #
30)	L6 AR-1254-5	7.450	6.556	89360	362846	24.653	105.186 #
31)	L7 AR-1260-1	6.878	6.012	471260	374094	163.680	157.179
32)	L7 AR-1260-2	7.134	6.201	616003	441588	148.076	145.772
33)	L7 AR-1260-3	7.489	6.349	411652	414156	110.541	153.400 #
34)	L7 AR-1260-4	7.715	6.812	418937	274773	122.935	121.606
35)	L7 AR-1260-5	8.023	7.056	858968	640203	116.791	118.879
36)	L8 AR-1262-1	7.547	6.556	208783	362846	41.423	101.588 #
37)	L8 AR-1262-2	8.067	7.056	90062	640203	11.316	113.391 #
38)	L8 AR-1262-3	8.325	7.330	317798	158169	62.517	64.087
39)	L8 AR-1262-4	8.372	7.396	278324	471835	73.445	111.120 #
40)	L8 AR-1262-5	8.986	0.000	100560	0	43.768	N.D. #
41)	L9 AR-1268-1	8.325	7.330	317798	158169	28.452	19.419 #
42)	L9 AR-1268-2	8.372	7.396	278324	471835	29.631	62.271 #

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 Sample : K4356-09MS
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 ALS Vial : 18 Sample Multiplier: 1

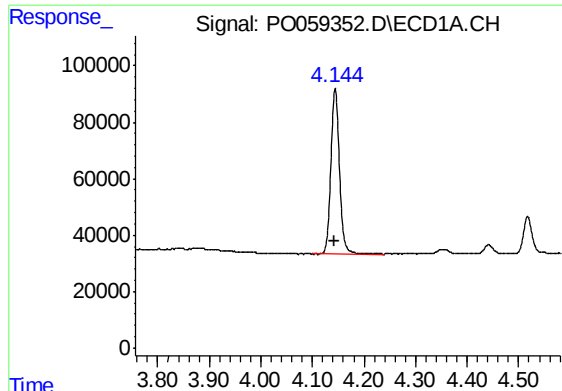
Instrument :
 ECD_O
 ClientSampleId :
 TP-5MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 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	8.622	7.593	4794	33335	0.580	5.215 #
44) L9	AR-1268-4	8.986	0.000	100560	0	33.640	N.D. #
45) L9	AR-1268-5	9.350	0.000	80278	0	3.739	N.D. #

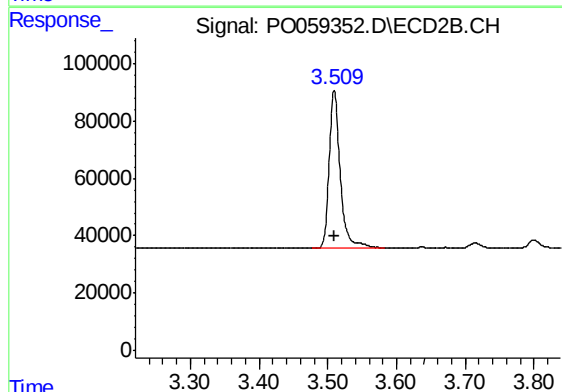
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

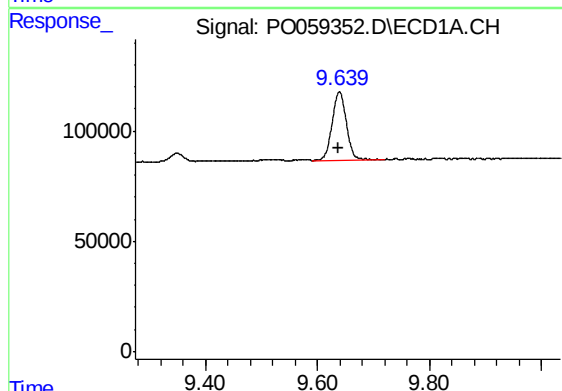
R.T.: 4.144 min
Delta R.T.: 0.000 min
Response: 684743
Conc: 16.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-5MS



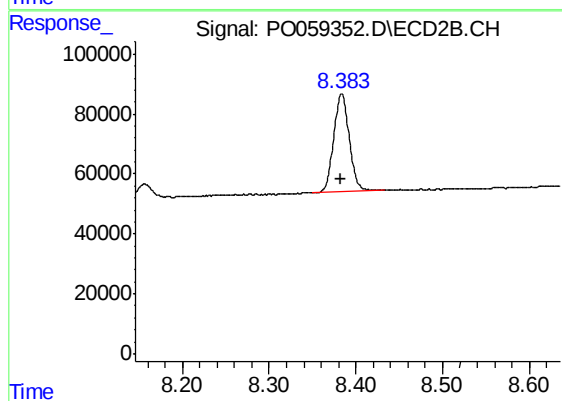
#1 Tetrachloro-m-xylene

R.T.: 3.509 min
Delta R.T.: 0.000 min
Response: 621056
Conc: 15.55 ng/ml



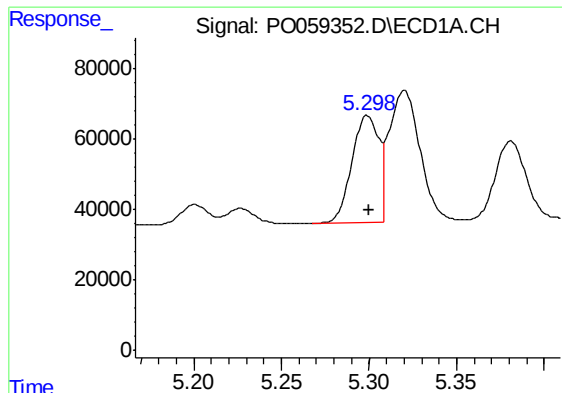
#2 Decachlorobiphenyl

R.T.: 9.640 min
Delta R.T.: 0.002 min
Response: 547233
Conc: 10.10 ng/ml



#2 Decachlorobiphenyl

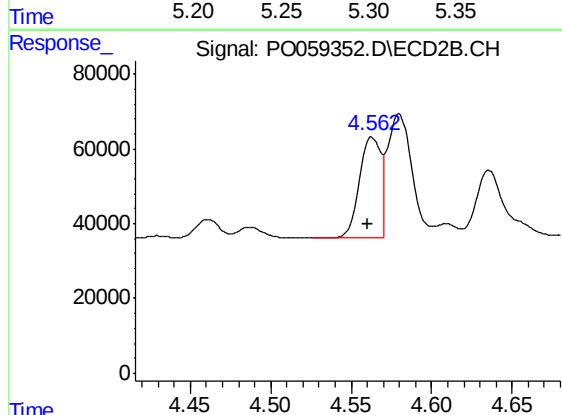
R.T.: 8.384 min
Delta R.T.: 0.000 min
Response: 408025
Conc: 10.34 ng/ml



#3 AR-1016-1

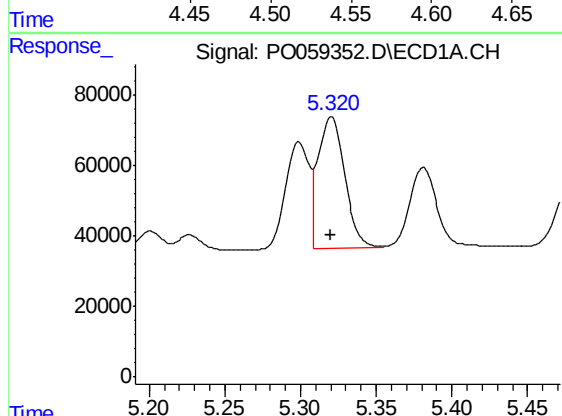
R.T.: 5.299 min
Delta R.T.: -0.001 min
Response: 323913
Conc: 172.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-5MS



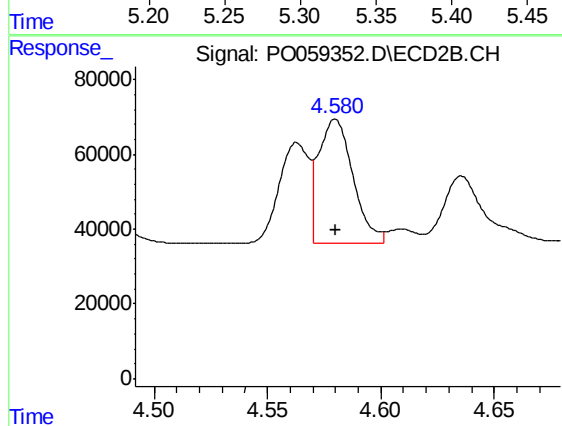
#3 AR-1016-1

R.T.: 4.563 min
Delta R.T.: 0.003 min
Response: 243166
Conc: 166.78 ng/ml



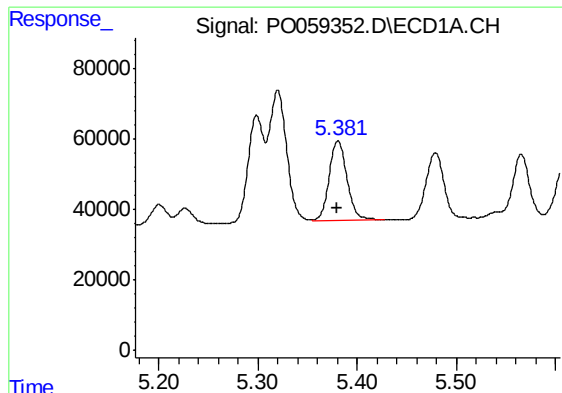
#4 AR-1016-2

R.T.: 5.320 min
Delta R.T.: 0.000 min
Response: 465987
Conc: 169.36 ng/ml



#4 AR-1016-2

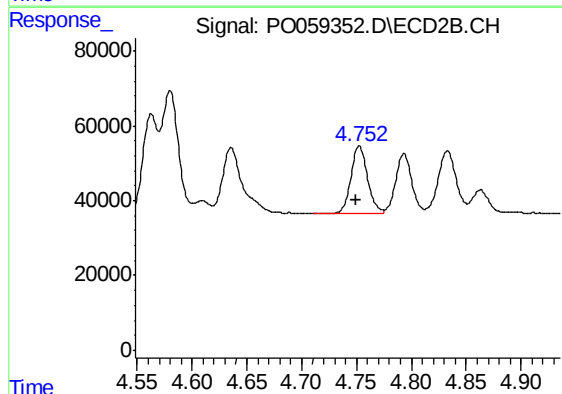
R.T.: 4.580 min
Delta R.T.: 0.000 min
Response: 351540
Conc: 163.77 ng/ml



#5 AR-1016-3

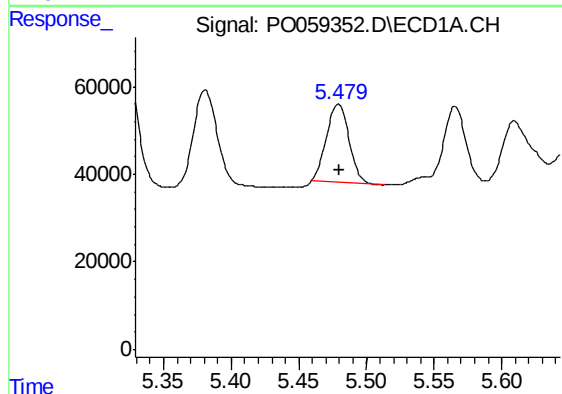
R.T.: 5.381 min
Delta R.T.: 0.000 min
Response: 288079
Conc: 169.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-5MS



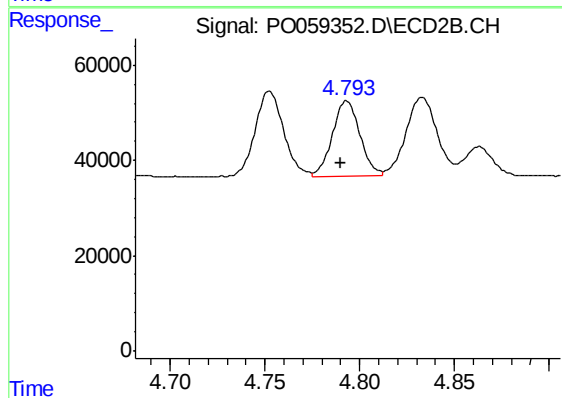
#5 AR-1016-3

R.T.: 4.752 min
Delta R.T.: 0.002 min
Response: 186609
Conc: 164.31 ng/ml



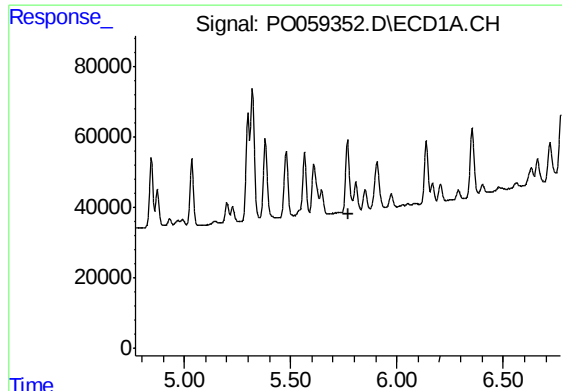
#6 AR-1016-4

R.T.: 5.479 min
Delta R.T.: 0.000 min
Response: 207285
Conc: 148.15 ng/ml



#6 AR-1016-4

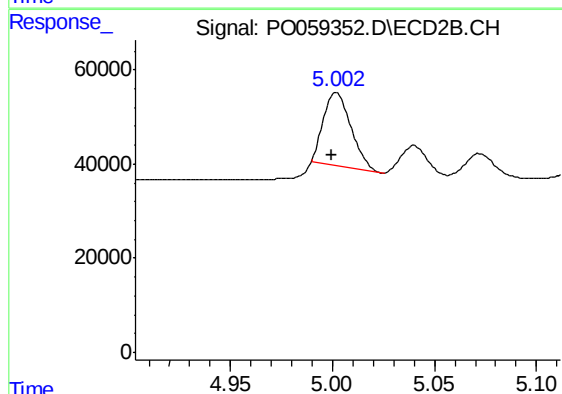
R.T.: 4.793 min
Delta R.T.: 0.003 min
Response: 160281
Conc: 169.92 ng/ml



#7 AR-1016-5

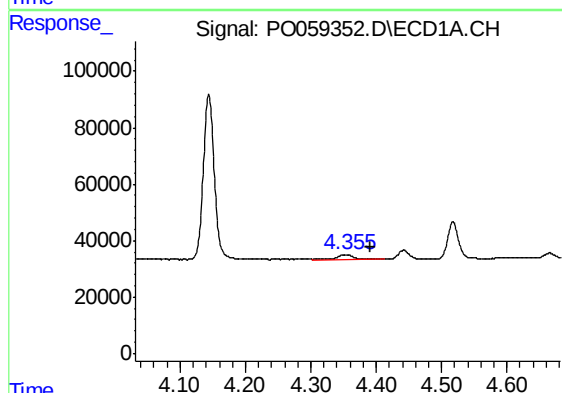
R.T.: 5.807 min
Delta R.T.: 0.037 min
Response: -16486
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
TP-5MS



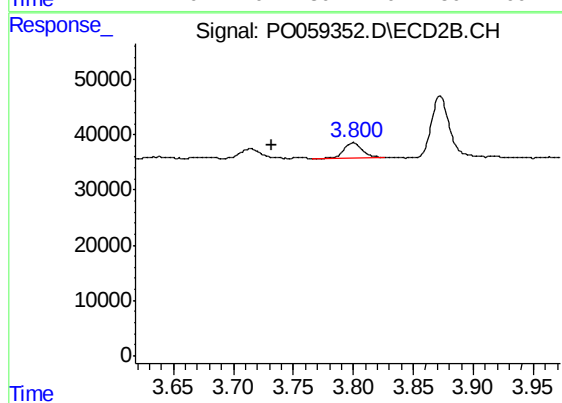
#7 AR-1016-5

R.T.: 5.002 min
Delta R.T.: 0.002 min
Response: 145441
Conc: 118.11 ng/ml



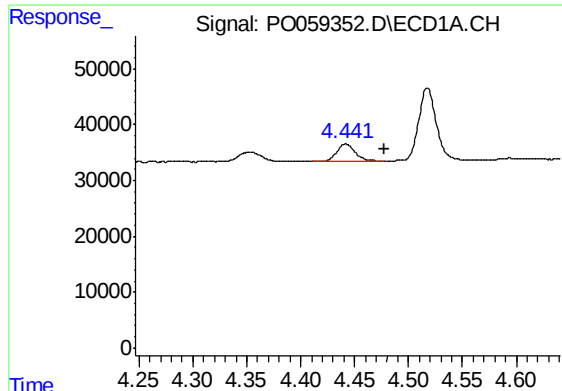
#8 AR-1221-1

R.T.: 4.355 min
Delta R.T.: -0.036 min
Response: 29370
Conc: 64.65 ng/ml



#8 AR-1221-1

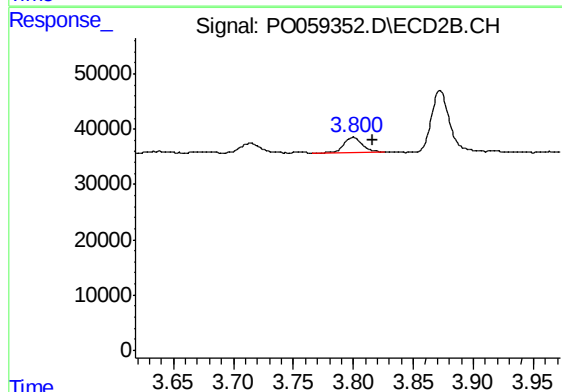
R.T.: 3.800 min
Delta R.T.: 0.068 min
Response: 29568
Conc: 73.40 ng/ml



#9 AR-1221-2

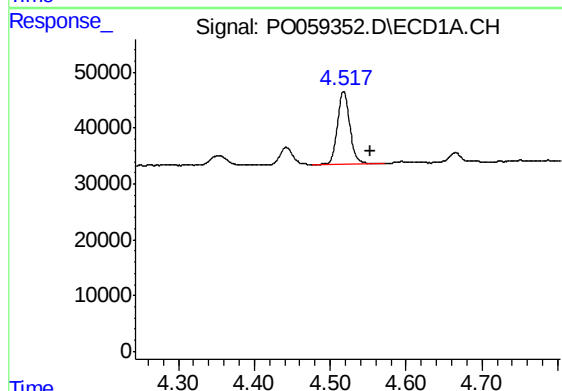
R.T.: 4.442 min
Delta R.T.: -0.035 min
Response: 38160
Conc: 110.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-5MS



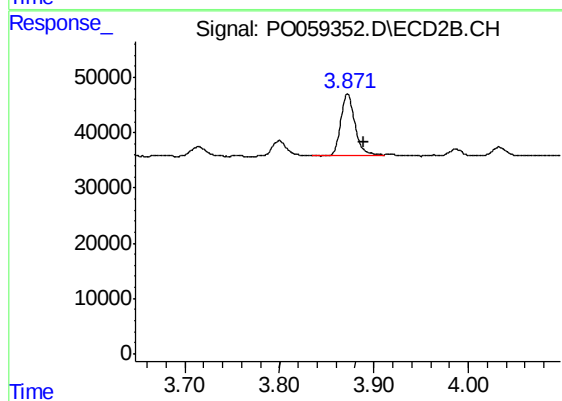
#9 AR-1221-2

R.T.: 3.800 min
Delta R.T.: -0.016 min
Response: 29568
Conc: 99.07 ng/ml



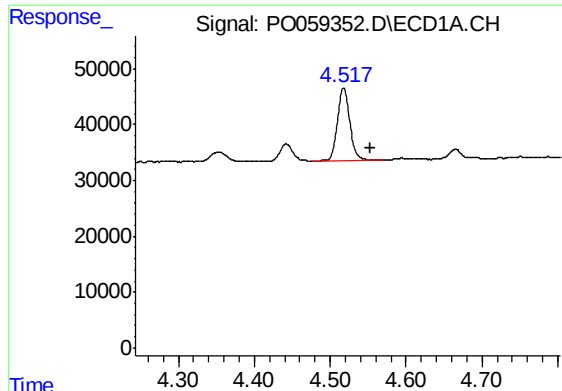
#10 AR-1221-3

R.T.: 4.517 min
Delta R.T.: -0.035 min
Response: 149805
Conc: 136.61 ng/ml



#10 AR-1221-3

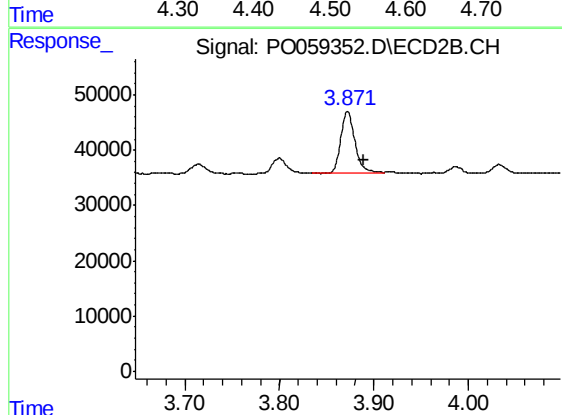
R.T.: 3.872 min
Delta R.T.: -0.017 min
Response: 114881
Conc: 120.09 ng/ml



#11 AR-1232-1

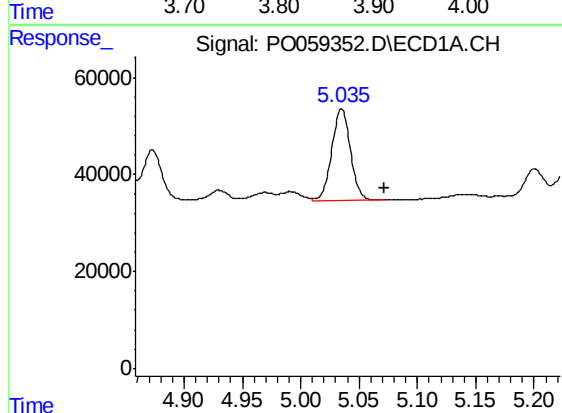
R.T.: 4.517 min
Delta R.T.: -0.036 min
Response: 149805
Conc: 165.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-5MS



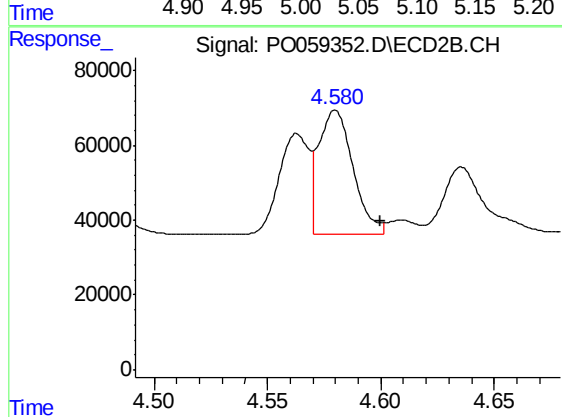
#11 AR-1232-1

R.T.: 3.872 min
Delta R.T.: -0.017 min
Response: 114881
Conc: 146.24 ng/ml



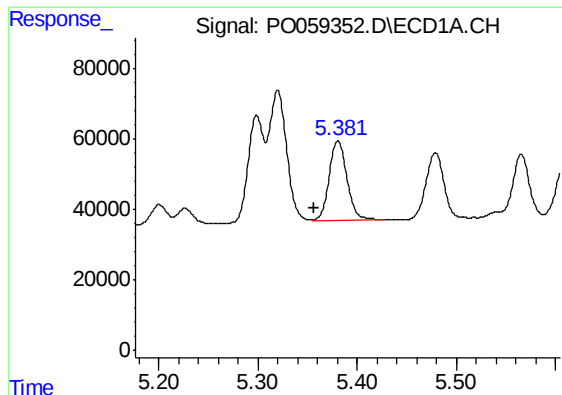
#12 AR-1232-2

R.T.: 5.035 min
Delta R.T.: -0.037 min
Response: 210591
Conc: 428.12 ng/ml



#12 AR-1232-2

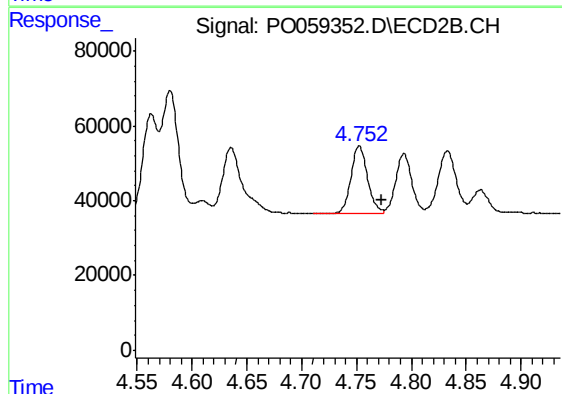
R.T.: 4.580 min
Delta R.T.: -0.020 min
Response: 351540
Conc: 415.79 ng/ml



#13 AR-1232-3

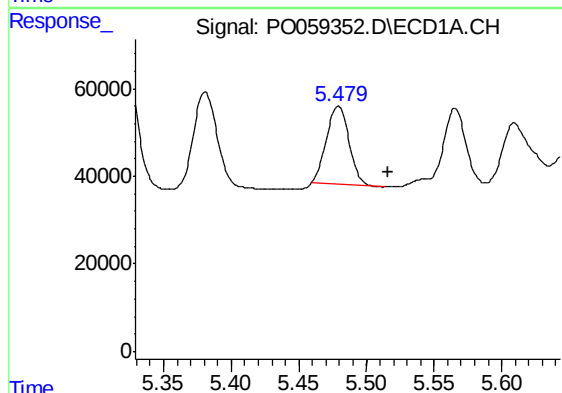
R.T.: 5.381 min
Delta R.T.: 0.024 min
Response: 288079
Conc: 269.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-5MS



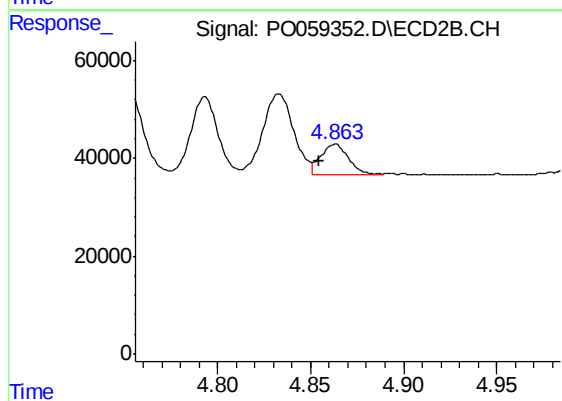
#13 AR-1232-3

R.T.: 4.752 min
Delta R.T.: -0.020 min
Response: 186609
Conc: 424.32 ng/ml



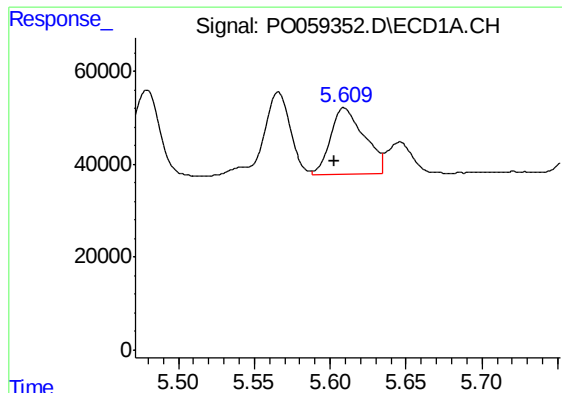
#14 AR-1232-4

R.T.: 5.479 min
Delta R.T.: -0.037 min
Response: 207285
Conc: 388.82 ng/ml



#14 AR-1232-4

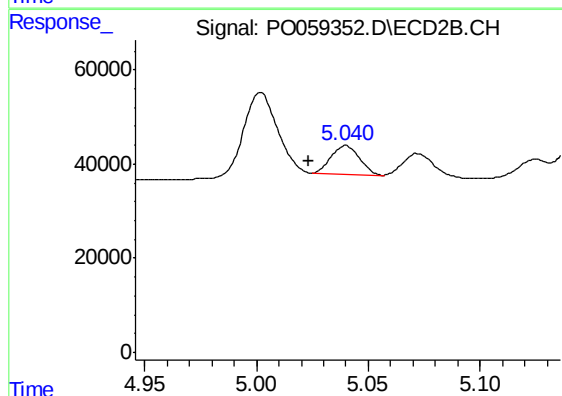
R.T.: 4.863 min
Delta R.T.: 0.009 min
Response: 62564
Conc: 158.28 ng/ml



#15 AR-1232-5

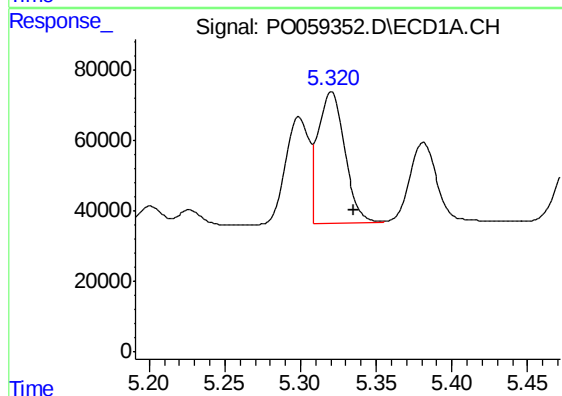
R.T.: 5.609 min
Delta R.T.: 0.006 min
Response: 221764
Conc: 543.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
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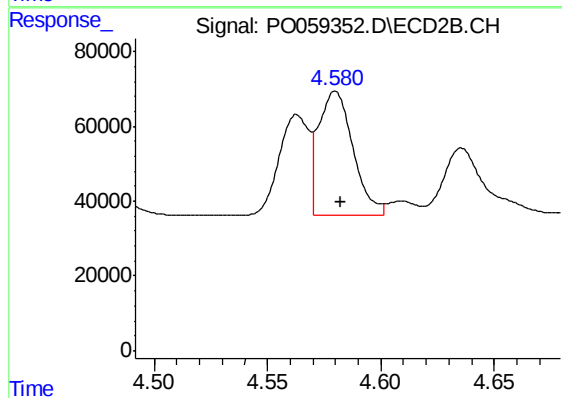
#15 AR-1232-5

R.T.: 5.040 min
Delta R.T.: 0.017 min
Response: 53197
Conc: 120.83 ng/ml



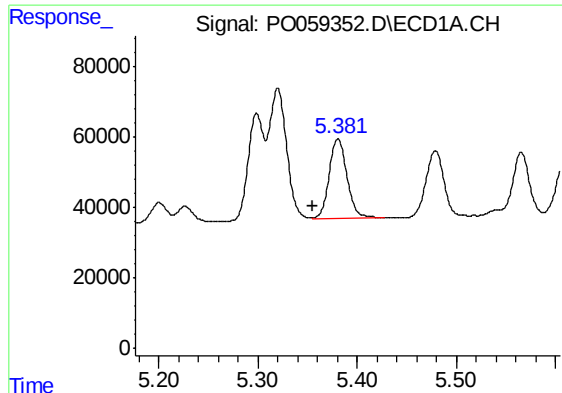
#16 AR-1242-1

R.T.: 5.320 min
Delta R.T.: -0.015 min
Response: 465987
Conc: 363.90 ng/ml



#16 AR-1242-1

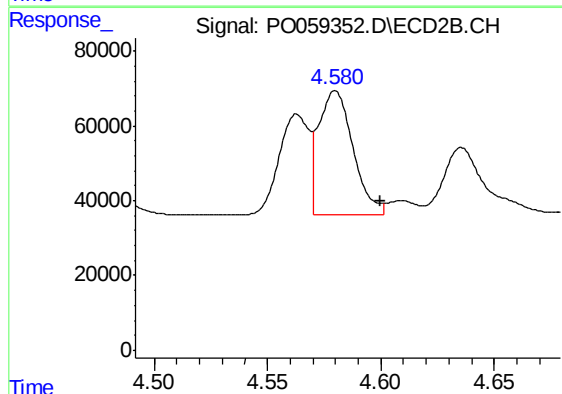
R.T.: 4.580 min
Delta R.T.: -0.003 min
Response: 351540
Conc: 346.29 ng/ml



#17 AR-1242-2

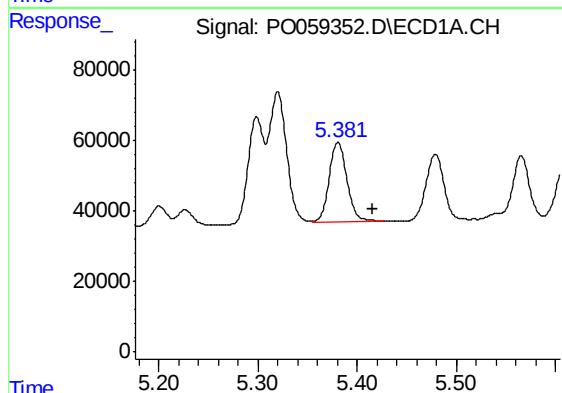
R.T.: 5.381 min
Delta R.T.: 0.025 min
Response: 288079
Conc: 152.29 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-5MS



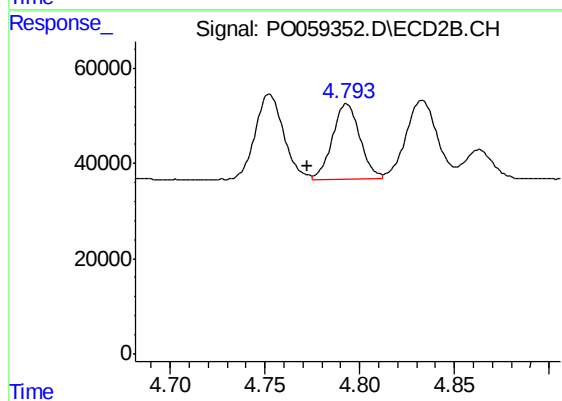
#17 AR-1242-2

R.T.: 4.580 min
Delta R.T.: -0.020 min
Response: 351540
Conc: 232.86 ng/ml



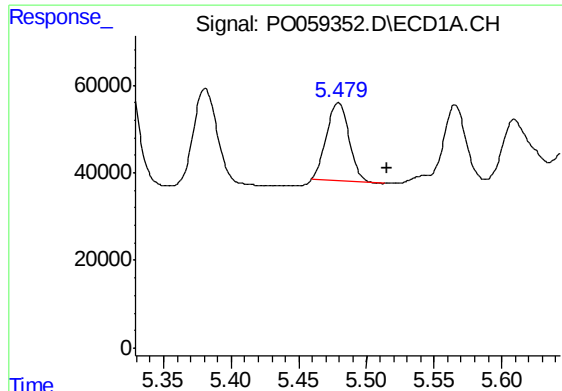
#18 AR-1242-3

R.T.: 5.381 min
Delta R.T.: -0.036 min
Response: 288079
Conc: 245.58 ng/ml



#18 AR-1242-3

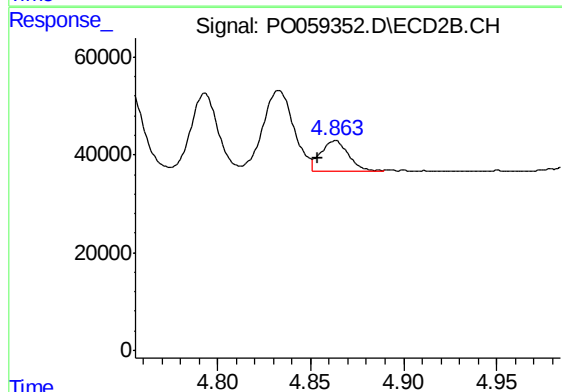
R.T.: 4.793 min
Delta R.T.: 0.020 min
Response: 160281
Conc: 196.81 ng/ml



#19 AR-1242-4

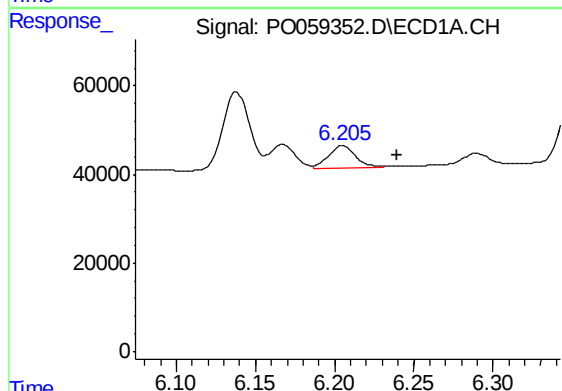
R.T.: 5.479 min
Delta R.T.: -0.036 min
Response: 207285
Conc: 215.70 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-5MS



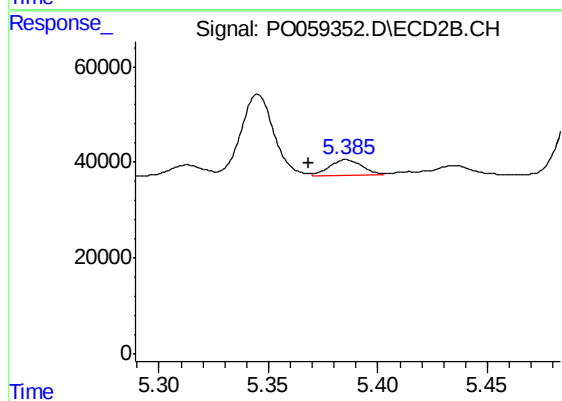
#19 AR-1242-4

R.T.: 4.863 min
Delta R.T.: 0.009 min
Response: 62564
Conc: 77.33 ng/ml



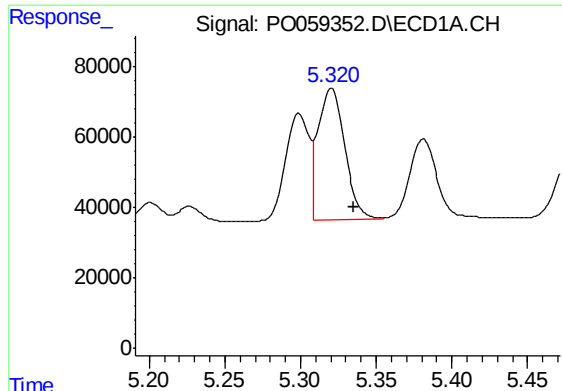
#20 AR-1242-5

R.T.: 6.205 min
Delta R.T.: -0.034 min
Response: 57824
Conc: 49.23 ng/ml



#20 AR-1242-5

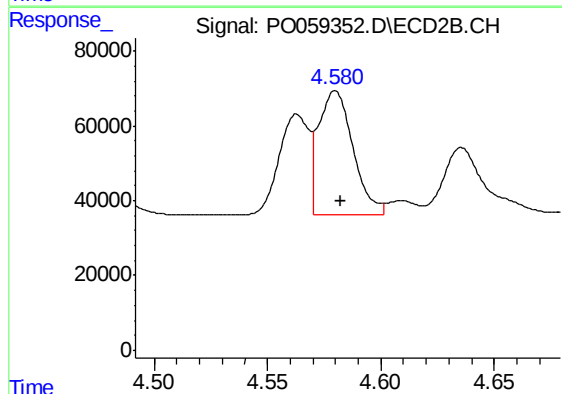
R.T.: 5.386 min
Delta R.T.: 0.017 min
Response: 34493
Conc: 32.16 ng/ml



#21 AR-1248-1

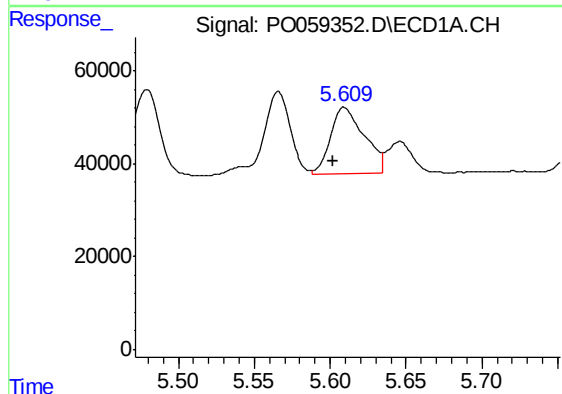
R.T.: 5.320 min
Delta R.T.: -0.015 min
Response: 465987
Conc: 460.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-5MS



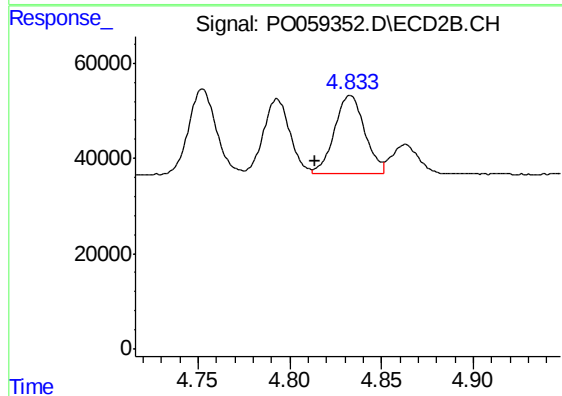
#21 AR-1248-1

R.T.: 4.580 min
Delta R.T.: -0.003 min
Response: 351540
Conc: 439.62 ng/ml



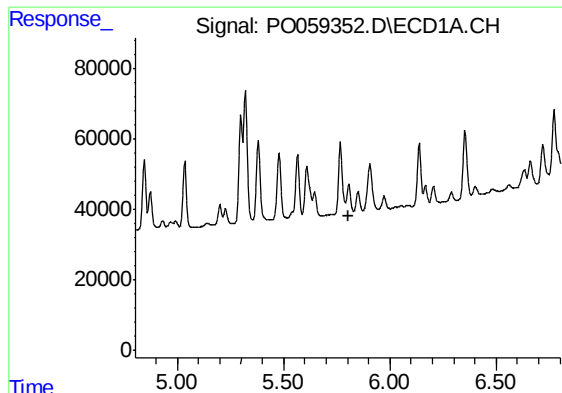
#22 AR-1248-2

R.T.: 5.609 min
Delta R.T.: 0.007 min
Response: 221764
Conc: 153.41 ng/ml



#22 AR-1248-2

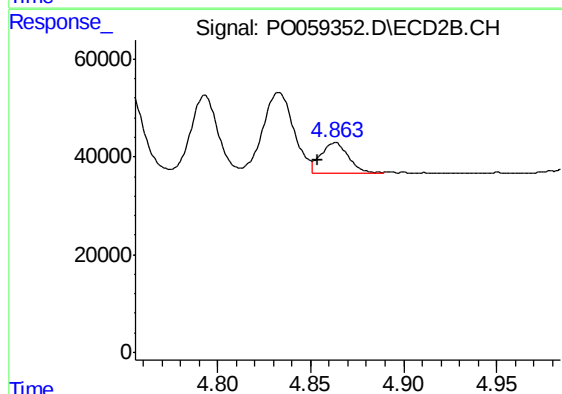
R.T.: 4.833 min
Delta R.T.: 0.019 min
Response: 189535
Conc: 171.06 ng/ml



#23 AR-1248-3

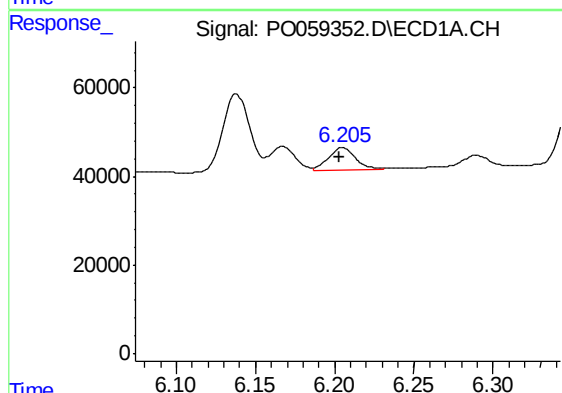
R.T.: 5.807 min
Delta R.T.: 0.004 min
Response: -16486
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
TP-5MS



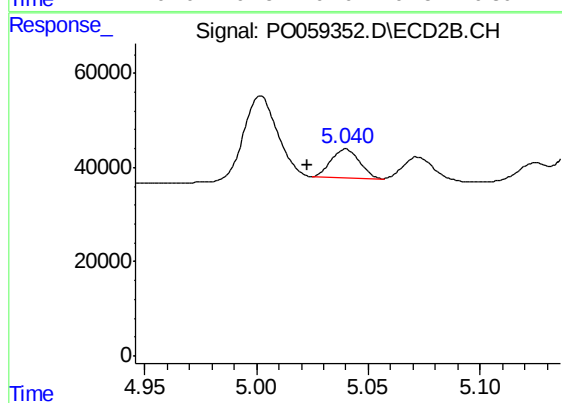
#23 AR-1248-3

R.T.: 4.863 min
Delta R.T.: 0.009 min
Response: 62564
Conc: 54.97 ng/ml



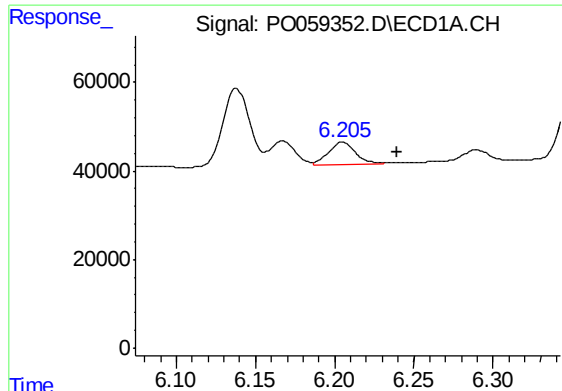
#24 AR-1248-4

R.T.: 6.205 min
Delta R.T.: 0.002 min
Response: 57824
Conc: 28.55 ng/ml



#24 AR-1248-4

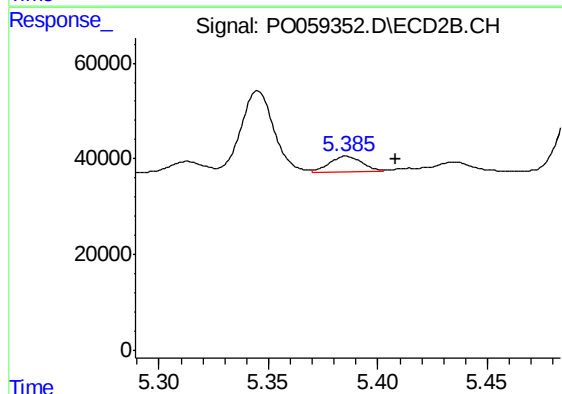
R.T.: 5.040 min
Delta R.T.: 0.017 min
Response: 53197
Conc: 38.08 ng/ml



#25 AR-1248-5

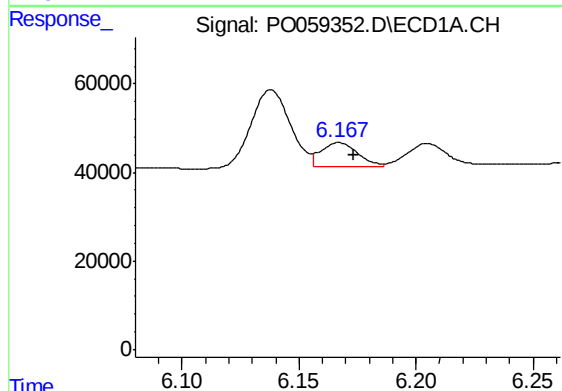
R.T.: 6.205 min
Delta R.T.: -0.035 min
Response: 57824
Conc: 29.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-5MS



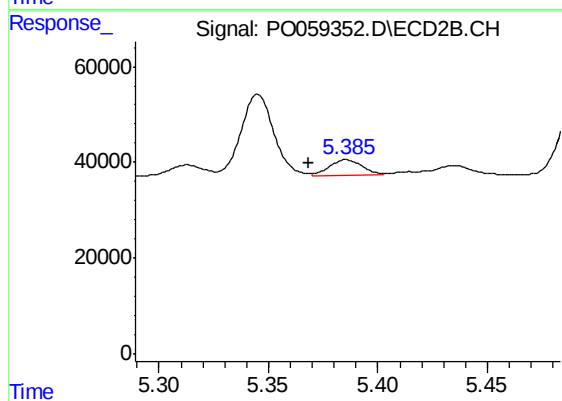
#25 AR-1248-5

R.T.: 5.386 min
Delta R.T.: -0.023 min
Response: 34493
Conc: 24.90 ng/ml



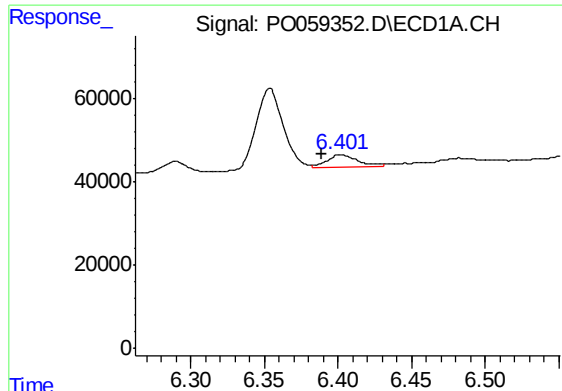
#26 AR-1254-1

R.T.: 6.167 min
Delta R.T.: -0.006 min
Response: 60067
Conc: 25.44 ng/ml



#26 AR-1254-1

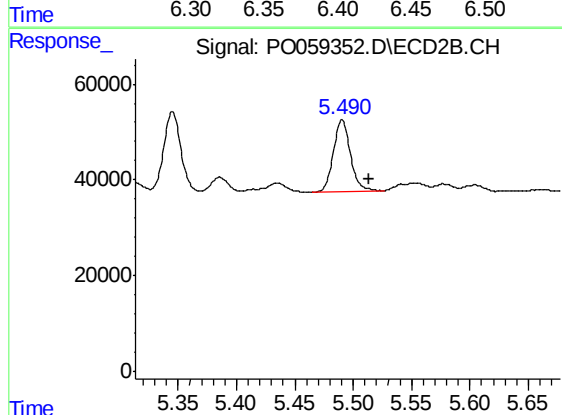
R.T.: 5.386 min
Delta R.T.: 0.017 min
Response: 34493
Conc: 13.31 ng/ml



#27 AR-1254-2

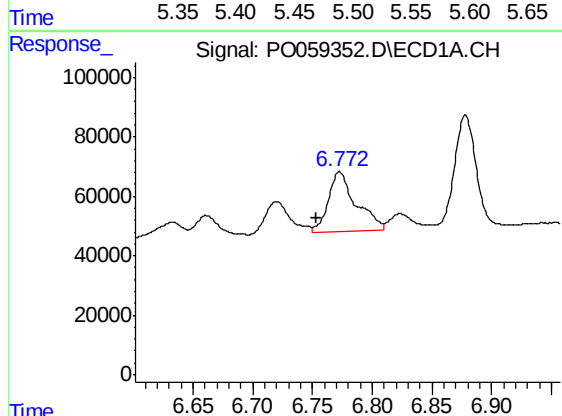
R.T.: 6.402 min
Delta R.T.: 0.013 min
Response: 43379
Conc: 11.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-5MS



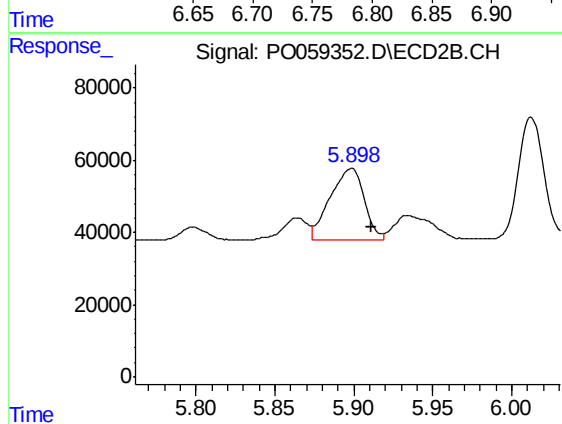
#27 AR-1254-2

R.T.: 5.490 min
Delta R.T.: -0.023 min
Response: 152929
Conc: 66.80 ng/ml



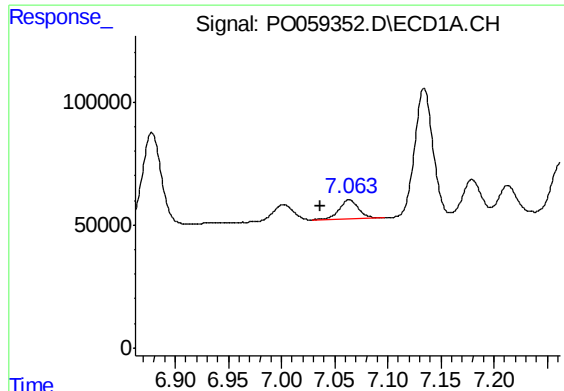
#28 AR-1254-3

R.T.: 6.773 min
Delta R.T.: 0.019 min
Response: 322942
Conc: 79.75 ng/ml



#28 AR-1254-3

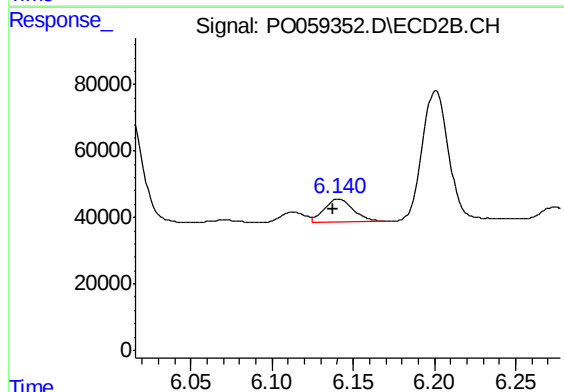
R.T.: 5.898 min
Delta R.T.: -0.013 min
Response: 292648
Conc: 79.54 ng/ml



#29 AR-1254-4

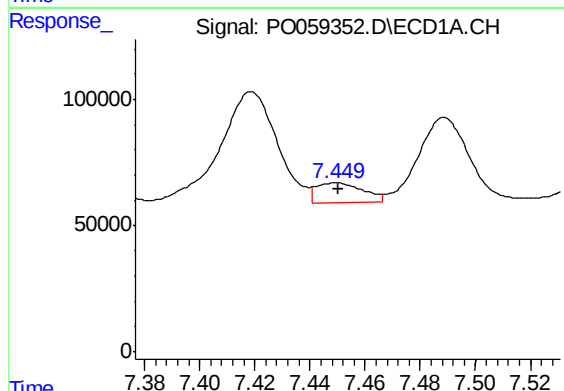
R.T.: 7.064 min
Delta R.T.: 0.028 min
Response: 97444
Conc: 27.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-5MS



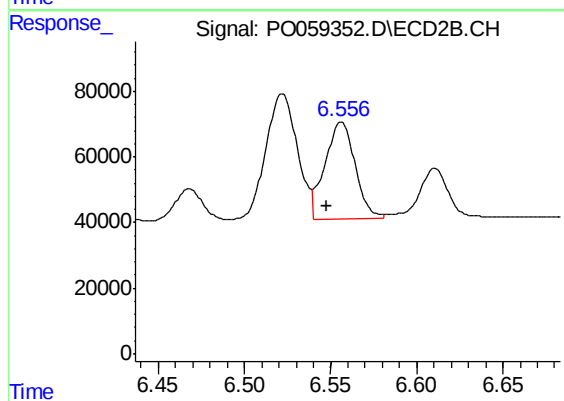
#29 AR-1254-4

R.T.: 6.141 min
Delta R.T.: 0.003 min
Response: 84497
Conc: 36.34 ng/ml



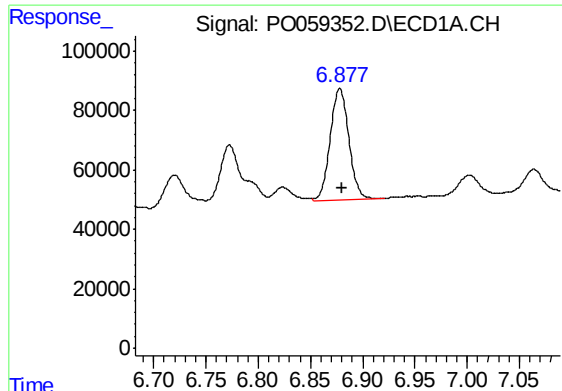
#30 AR-1254-5

R.T.: 7.450 min
Delta R.T.: 0.000 min
Response: 89360
Conc: 24.65 ng/ml



#30 AR-1254-5

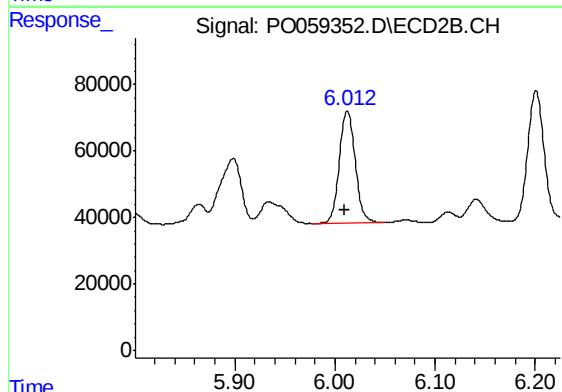
R.T.: 6.556 min
Delta R.T.: 0.008 min
Response: 362846
Conc: 105.19 ng/ml



#31 AR-1260-1

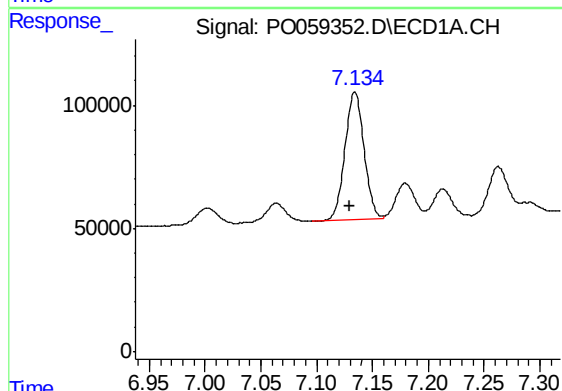
R.T.: 6.878 min
Delta R.T.: -0.002 min
Response: 471260
Conc: 163.68 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-5MS



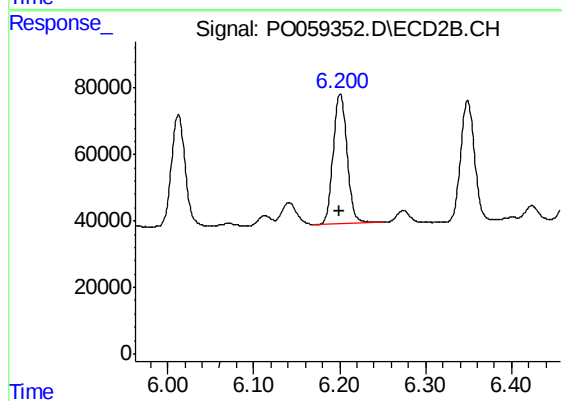
#31 AR-1260-1

R.T.: 6.012 min
Delta R.T.: 0.002 min
Response: 374094
Conc: 157.18 ng/ml



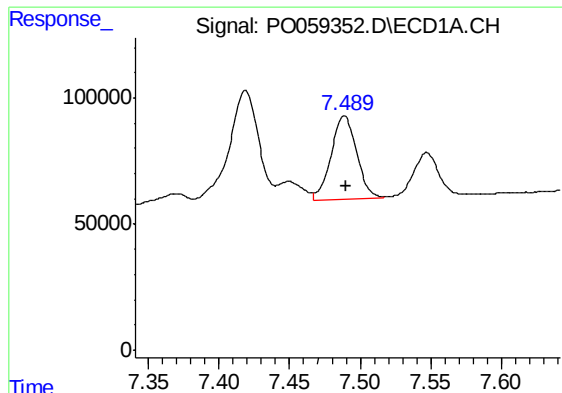
#32 AR-1260-2

R.T.: 7.134 min
Delta R.T.: 0.004 min
Response: 616003
Conc: 148.08 ng/ml



#32 AR-1260-2

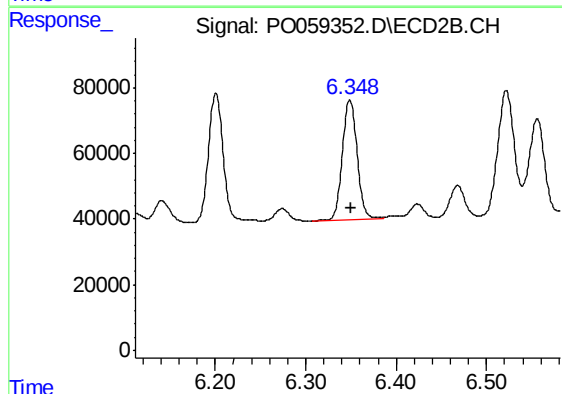
R.T.: 6.201 min
Delta R.T.: 0.000 min
Response: 441588
Conc: 145.77 ng/ml



#33 AR-1260-3

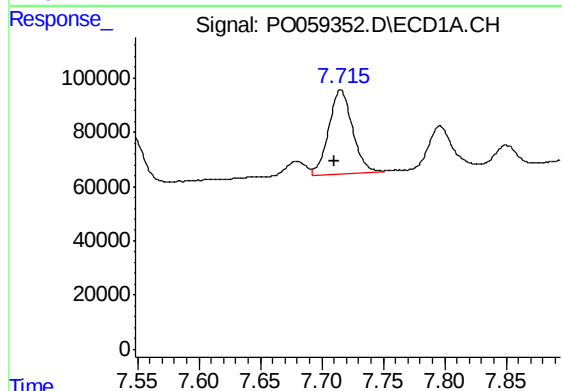
R.T.: 7.489 min
Delta R.T.: -0.001 min
Response: 411652
Conc: 110.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-5MS



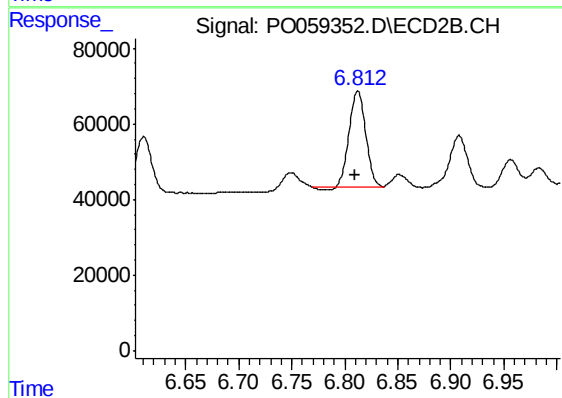
#33 AR-1260-3

R.T.: 6.349 min
Delta R.T.: -0.001 min
Response: 414156
Conc: 153.40 ng/ml



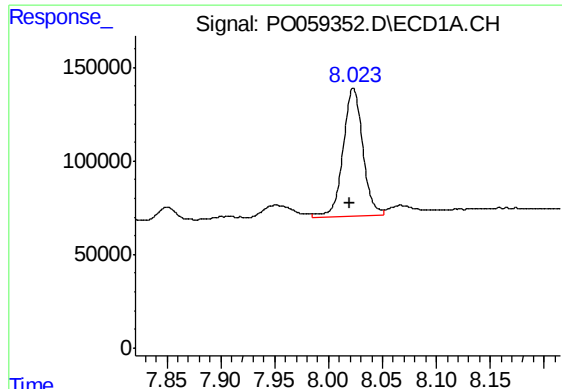
#34 AR-1260-4

R.T.: 7.715 min
Delta R.T.: 0.005 min
Response: 418937
Conc: 122.94 ng/ml



#34 AR-1260-4

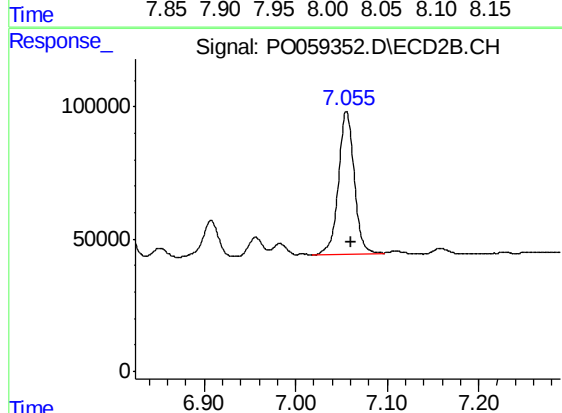
R.T.: 6.812 min
Delta R.T.: 0.002 min
Response: 274773
Conc: 121.61 ng/ml



#35 AR-1260-5

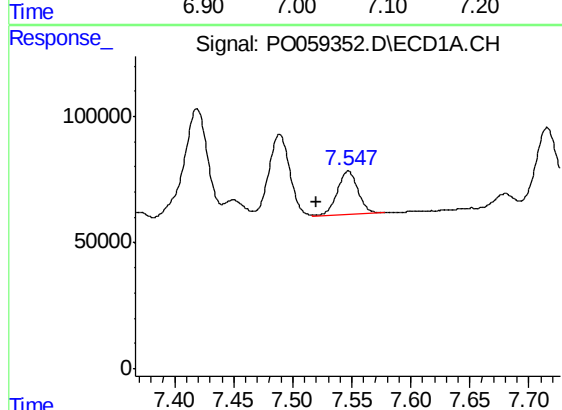
R.T.: 8.023 min
Delta R.T.: 0.003 min
Response: 858968
Conc: 116.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-5MS



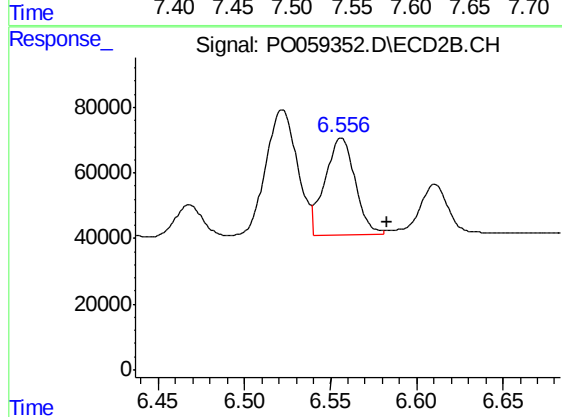
#35 AR-1260-5

R.T.: 7.056 min
Delta R.T.: -0.004 min
Response: 640203
Conc: 118.88 ng/ml



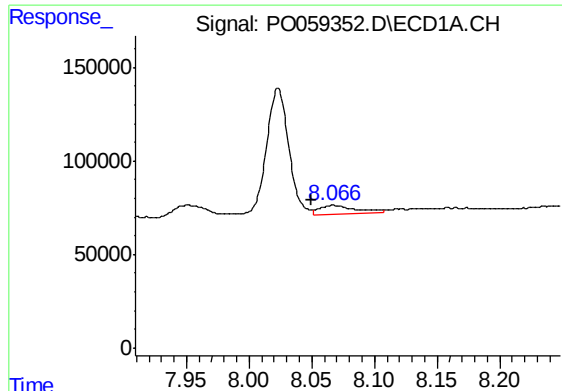
#36 AR-1262-1

R.T.: 7.547 min
Delta R.T.: 0.027 min
Response: 208783
Conc: 41.42 ng/ml



#36 AR-1262-1

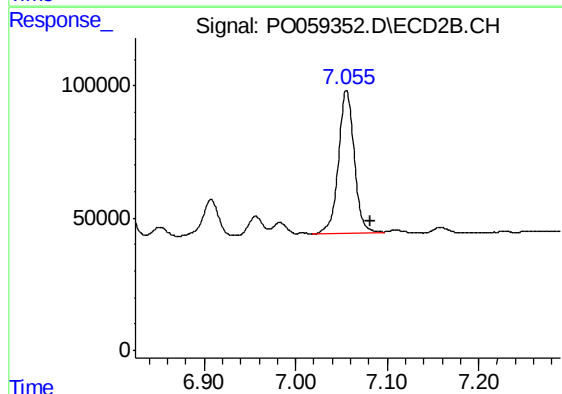
R.T.: 6.556 min
Delta R.T.: -0.026 min
Response: 362846
Conc: 101.59 ng/ml



#37 AR-1262-2

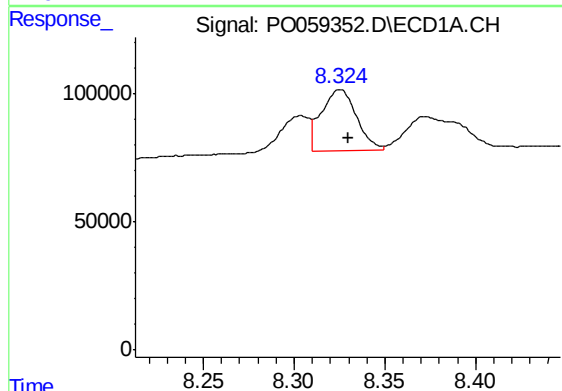
R.T.: 8.067 min
Delta R.T.: 0.017 min
Response: 90062
Conc: 11.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-5MS



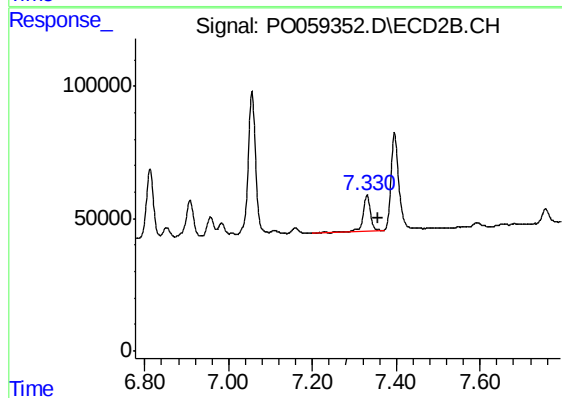
#37 AR-1262-2

R.T.: 7.056 min
Delta R.T.: -0.026 min
Response: 640203
Conc: 113.39 ng/ml



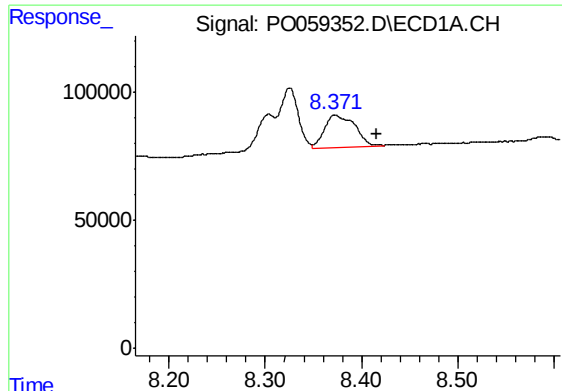
#38 AR-1262-3

R.T.: 8.325 min
Delta R.T.: -0.004 min
Response: 317798
Conc: 62.52 ng/ml



#38 AR-1262-3

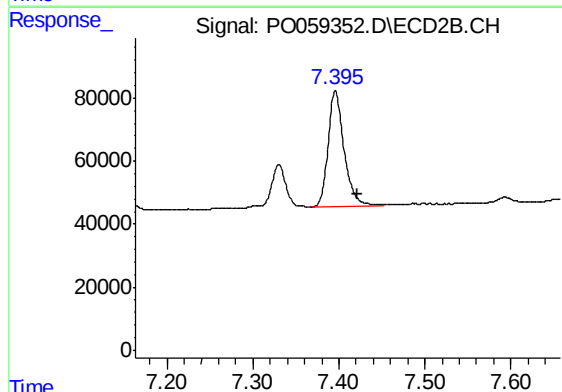
R.T.: 7.330 min
Delta R.T.: -0.026 min
Response: 158169
Conc: 64.09 ng/ml



#39 AR-1262-4

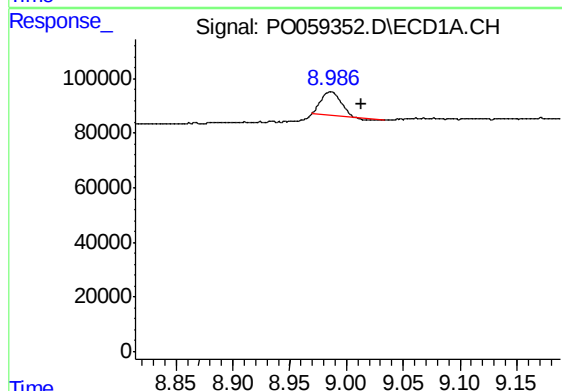
R.T.: 8.372 min
Delta R.T.: -0.043 min
Response: 278324
Conc: 73.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-5MS



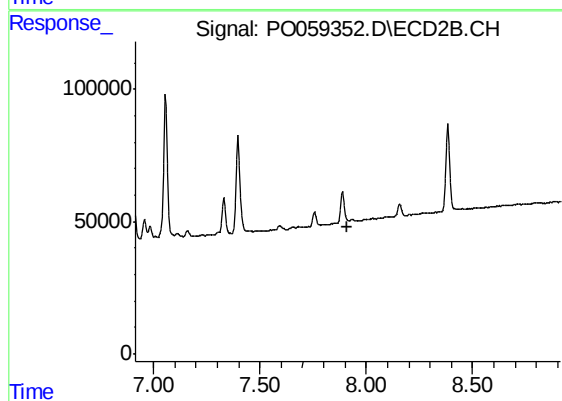
#39 AR-1262-4

R.T.: 7.396 min
Delta R.T.: -0.026 min
Response: 471835
Conc: 111.12 ng/ml



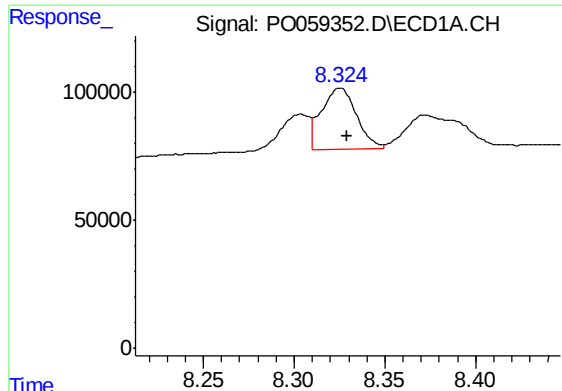
#40 AR-1262-5

R.T.: 8.986 min
Delta R.T.: -0.027 min
Response: 100560
Conc: 43.77 ng/ml



#40 AR-1262-5

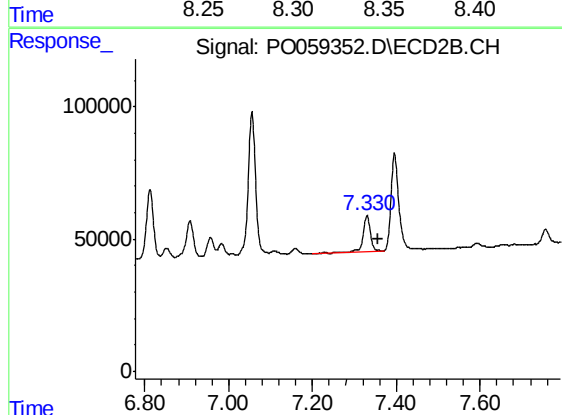
R.T.: 0.000 min
Exp R.T. : 7.914 min
Response: 0
Conc: N.D.



#41 AR-1268-1

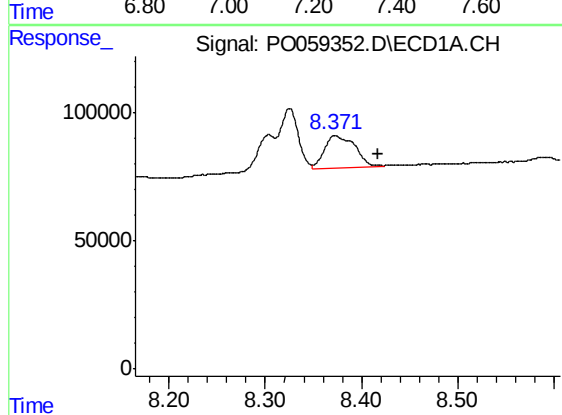
R.T.: 8.325 min
Delta R.T.: -0.004 min
Response: 317798
Conc: 28.45 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-5MS



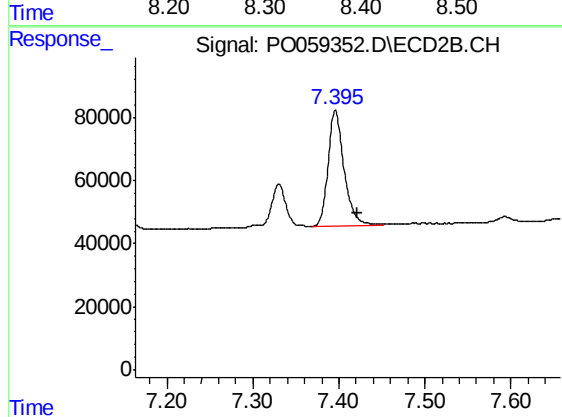
#41 AR-1268-1

R.T.: 7.330 min
Delta R.T.: -0.026 min
Response: 158169
Conc: 19.42 ng/ml



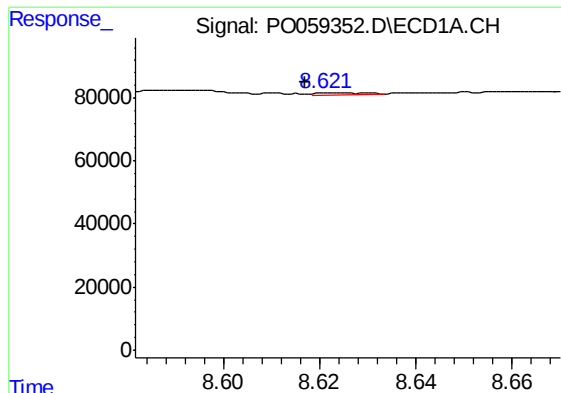
#42 AR-1268-2

R.T.: 8.372 min
Delta R.T.: -0.044 min
Response: 278324
Conc: 29.63 ng/ml



#42 AR-1268-2

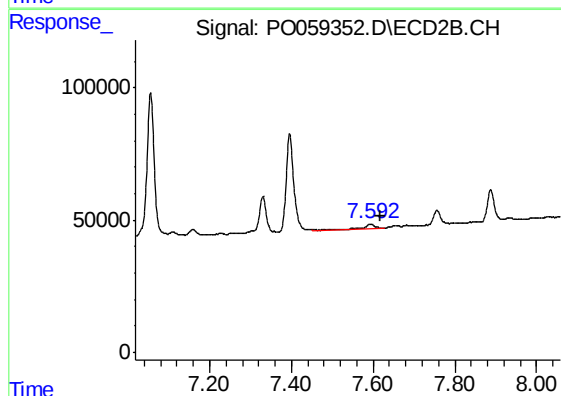
R.T.: 7.396 min
Delta R.T.: -0.026 min
Response: 471835
Conc: 62.27 ng/ml



#43 AR-1268-3

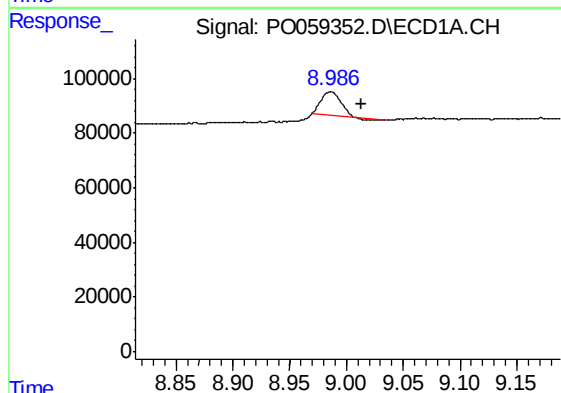
R.T.: 8.622 min
Delta R.T.: 0.005 min
Response: 4794
Conc: 0.58 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-5MS



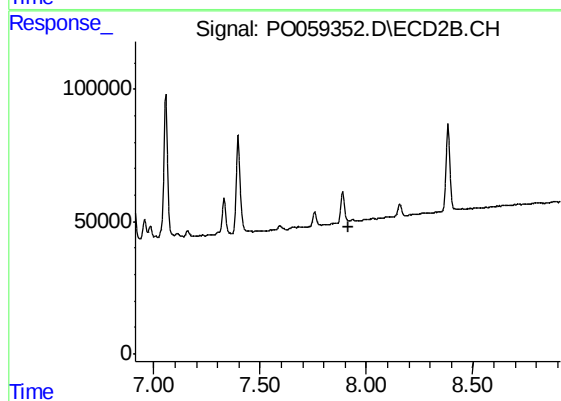
#43 AR-1268-3

R.T.: 7.593 min
Delta R.T.: -0.026 min
Response: 33335
Conc: 5.22 ng/ml



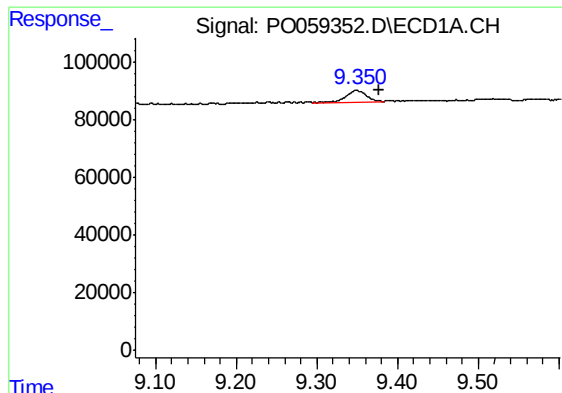
#44 AR-1268-4

R.T.: 8.986 min
Delta R.T.: -0.027 min
Response: 100560
Conc: 33.64 ng/ml



#44 AR-1268-4

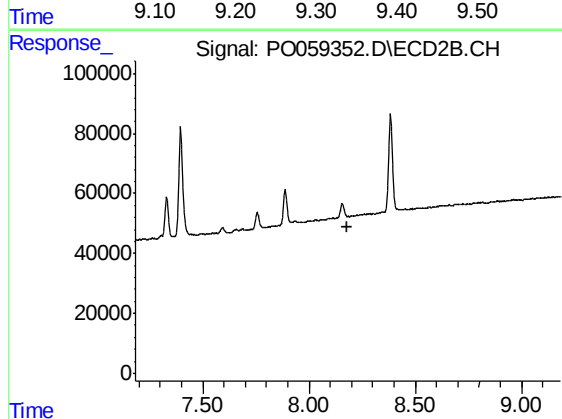
R.T.: 0.000 min
Exp R.T. : 7.913 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.350 min
Delta R.T.: -0.027 min
Response: 80278
Conc: 3.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-5MS



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.183 min
Response: 0
Conc: N.D.