

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081719\
 Data File : P0059425.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 17 Aug 2019 4:11
 Operator : SM/SJ
 Sample : K3591-08
 Misc : AR1262 LOQ 50 PPB
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 04:29:35 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Aug 17 03:09:44 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...	4.141	3.509	780145	731518	22.282	20.322
2)	SA Decachlor...	9.631	8.380	1178530	886061	22.153	21.975
Target Compounds							
3)	L1 AR-1016-1	5.316	4.580	12605	10625	7.859	7.859
4)	L1 AR-1016-2	5.316	4.580	12605	10625	5.268	5.305
5)	L1 AR-1016-3	5.372	4.791	9791	3846	6.573	3.555 #
6)	L1 AR-1016-4	0.000	4.791	0	3846	N.D.	4.259 #
9)	L2 AR-1221-2	4.443	3.803	14568	11018	44.851	36.168
10)	L2 AR-1221-3	4.519	0.000	3027	0	2.877	N.D. #
11)	L3 AR-1232-1	4.519	0.000	3027	0	2.428	N.D. #
12)	L3 AR-1232-2	5.027	4.580	9850	10625	13.944	8.343 #
13)	L3 AR-1232-3	5.316	4.791	12605	3846	8.231	5.648 #
14)	L3 AR-1232-4	0.000	4.791	0	3846	N.D.	6.304 #
15)	L3 AR-1232-5	5.562	0.000	6748	0	11.225	N.D. #
16)	L4 AR-1242-1	5.316	4.580	12605	10625	9.929	10.329
17)	L4 AR-1242-2	5.316	4.580	12605	10625	6.793	6.976
18)	L4 AR-1242-3	5.372	4.791	9791	3846	8.376	4.603 #
19)	L4 AR-1242-4	0.000	4.791	0	3846	N.D.	4.609 #
20)	L4 AR-1242-5	6.163	5.344	3371	19363	2.683	17.310 #
21)	L5 AR-1248-1	5.316	4.580	12605	10625	12.573	12.832
22)	L5 AR-1248-2	5.562	4.791	6748	3846	4.651	3.335 #
23)	L5 AR-1248-3	0.000	4.791	0	3846	N.D.	3.238 #
24)	L5 AR-1248-4	6.163	0.000	3371	0	1.649	N.D. #
25)	L5 AR-1248-5	6.163	5.384	3371	4102	1.700	2.866 #
26)	L6 AR-1254-1	6.133	5.344	23459	19363	11.244	8.164 #
27)	L6 AR-1254-2	6.348	5.490	34470	20508	10.332	9.773
28)	L6 AR-1254-3	6.715	5.898	10787	84849	3.040	25.234 #
29)	L6 AR-1254-4	6.996	6.112	10158	3936	3.449	1.909 #
30)	L6 AR-1254-5	7.412	6.520	189515	101748	61.284	32.769 #
31)	L7 AR-1260-1	6.872	6.012	160601	125566	59.574	55.099
32)	L7 AR-1260-2	7.128	6.199	211286	154980	56.943	52.897
33)	L7 AR-1260-3	7.483	6.348	319849	146632	97.624	55.351 #
34)	L7 AR-1260-4	7.711	6.810	245259	194960	79.855	86.167
35)	L7 AR-1260-5	8.017	7.055	477092	370378	67.377	67.301
36)	L8 AR-1262-1	7.483	6.555	319849	241979	65.909	64.916
37)	L8 AR-1262-2	8.017	7.055	477092	370378	61.832	63.000
38)	L8 AR-1262-3	8.296	7.329	313746	163622	61.491	64.393
39)	L8 AR-1262-4	8.380	7.394	230090	277288	59.690	62.750
40)	L8 AR-1262-5	8.979	7.886	178587	111590	69.582	61.803
41)	L9 AR-1268-1	8.296	7.329	313746	163622	33.339	22.978 #
42)	L9 AR-1268-2	8.380	7.394	230090	277288	29.189	43.004 #
43)	L9 AR-1268-3	8.583	7.590	44508	20268	6.314	3.704 #

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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
44) L9	AR-1268-4	8.979	7.886	178587	111590	64.239	54.666
45) L9	AR-1268-5	9.342	8.154	64287	42236	3.486	2.907

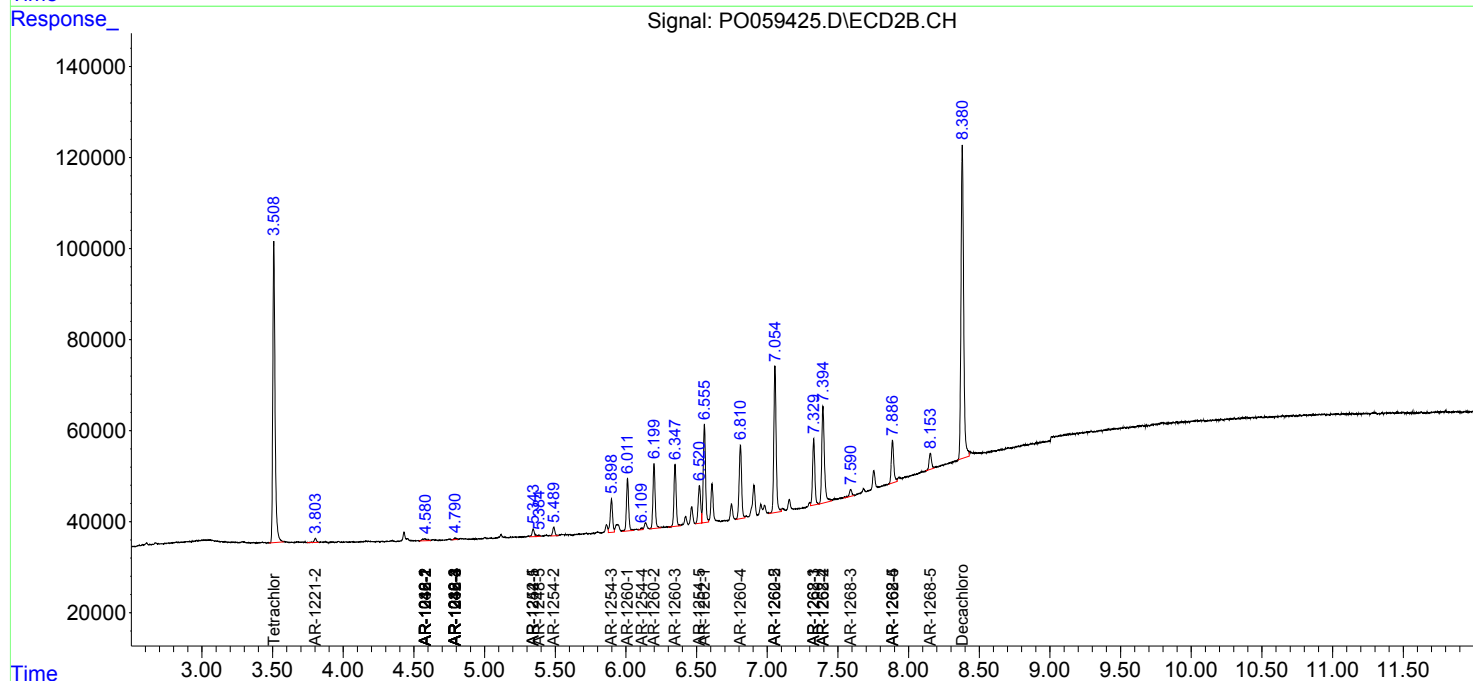
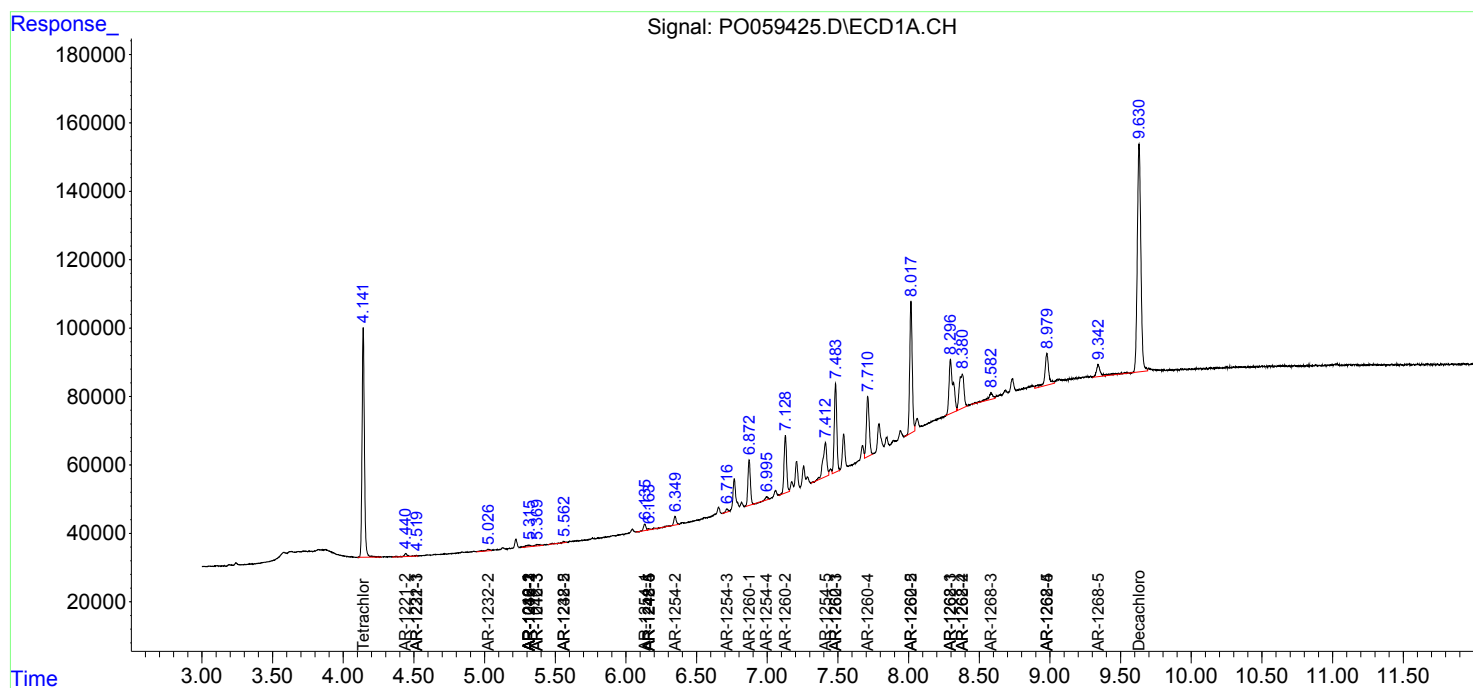
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

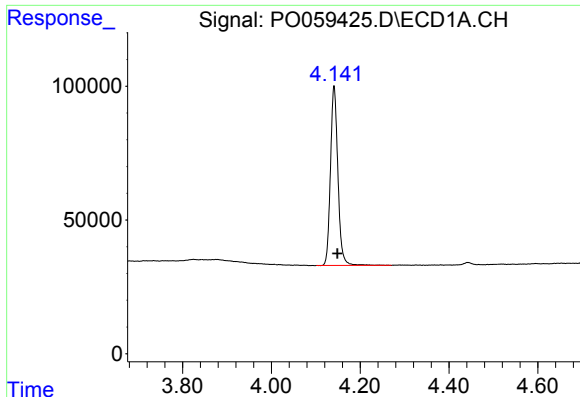
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

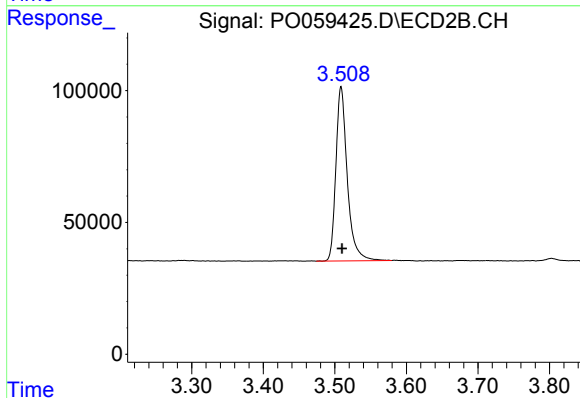




#1 Tetrachloro-m-xylene

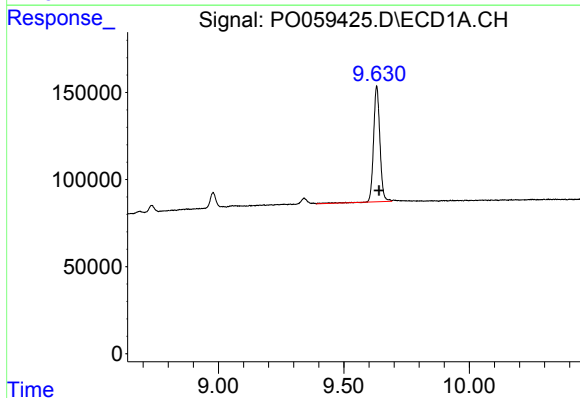
R.T.: 4.141 min
Delta R.T.: -0.008 min
Response: 780145
Conc: 22.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



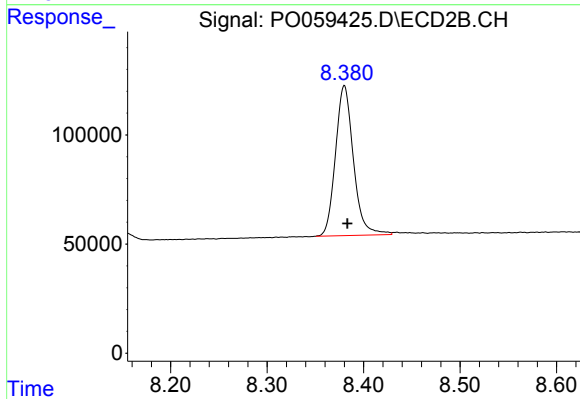
#1 Tetrachloro-m-xylene

R.T.: 3.509 min
Delta R.T.: -0.001 min
Response: 731518
Conc: 20.32 ng/ml



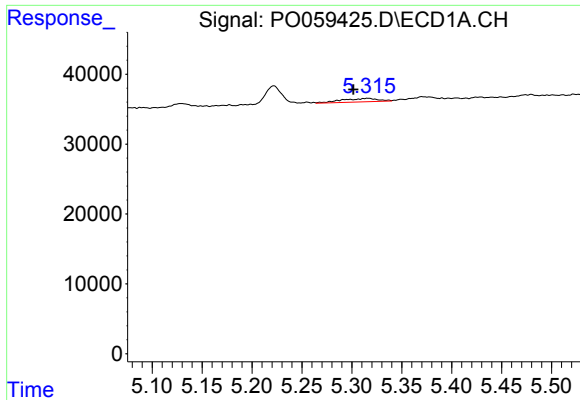
#2 Decachlorobiphenyl

R.T.: 9.631 min
Delta R.T.: -0.010 min
Response: 1178530
Conc: 22.15 ng/ml



#2 Decachlorobiphenyl

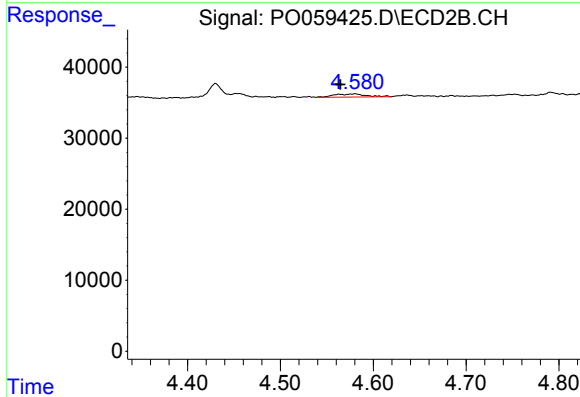
R.T.: 8.380 min
Delta R.T.: -0.003 min
Response: 886061
Conc: 21.98 ng/ml



#3 AR-1016-1

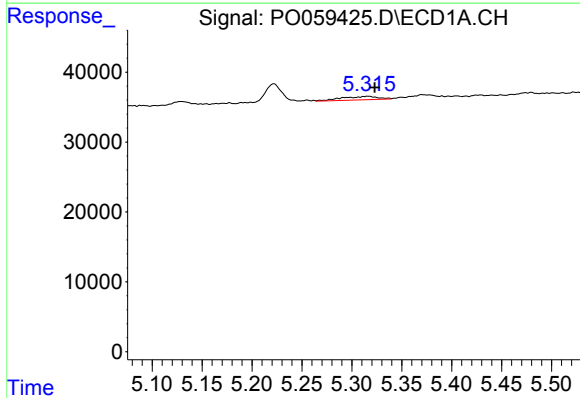
R.T.: 5.316 min
Delta R.T.: 0.014 min
Response: 12605
Conc: 7.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



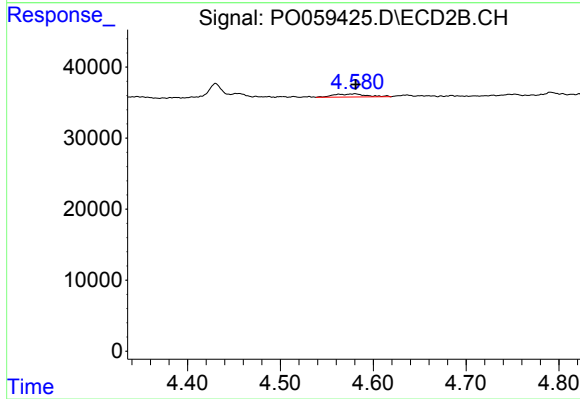
#3 AR-1016-1

R.T.: 4.580 min
Delta R.T.: 0.016 min
Response: 10625
Conc: 7.86 ng/ml



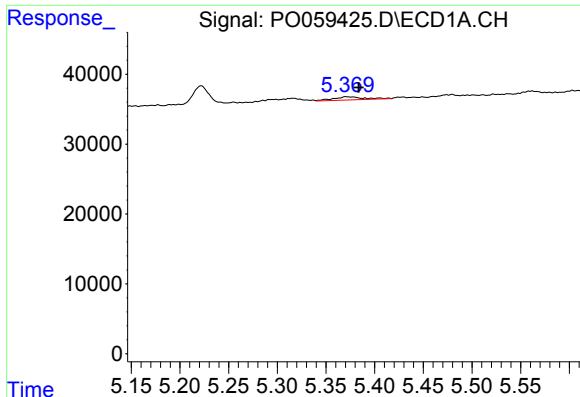
#4 AR-1016-2

R.T.: 5.316 min
Delta R.T.: -0.007 min
Response: 12605
Conc: 5.27 ng/ml



#4 AR-1016-2

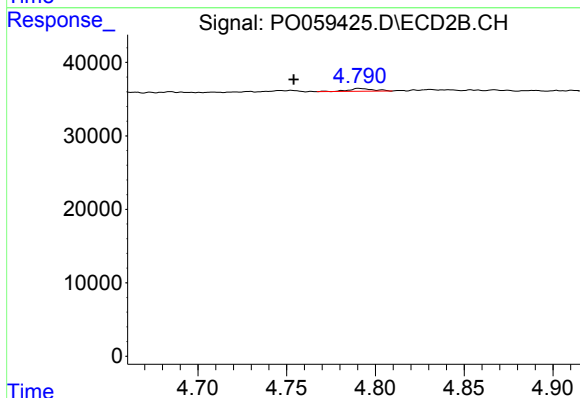
R.T.: 4.580 min
Delta R.T.: 0.000 min
Response: 10625
Conc: 5.30 ng/ml



#5 AR-1016-3

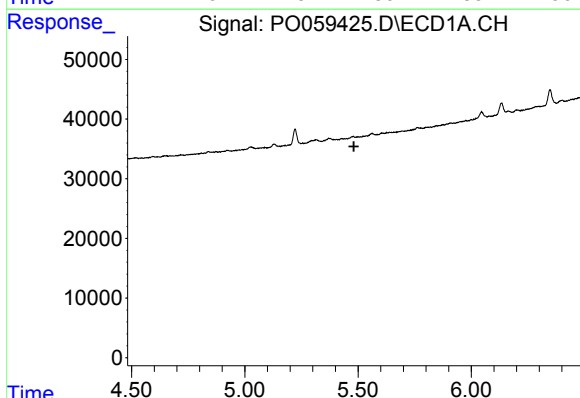
R.T.: 5.372 min
Delta R.T.: -0.011 min
Response: 9791
Conc: 6.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



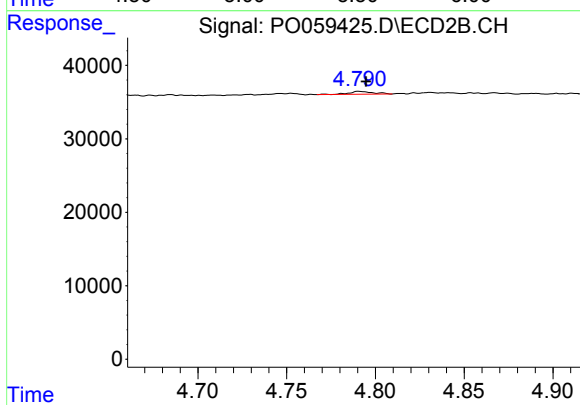
#5 AR-1016-3

R.T.: 4.791 min
Delta R.T.: 0.037 min
Response: 3846
Conc: 3.56 ng/ml



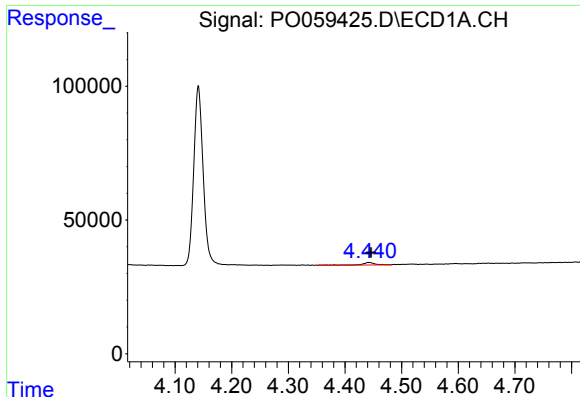
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.481 min
Response: 0
Conc: N.D.



#6 AR-1016-4

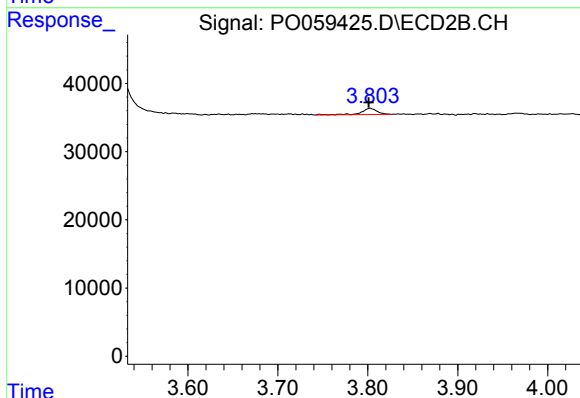
R.T.: 4.791 min
Delta R.T.: -0.004 min
Response: 3846
Conc: 4.26 ng/ml



#9 AR-1221-2

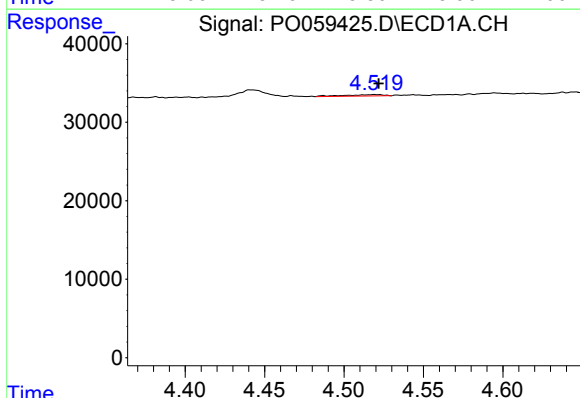
R.T.: 4.443 min
Delta R.T.: -0.004 min
Response: 14568
Conc: 44.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



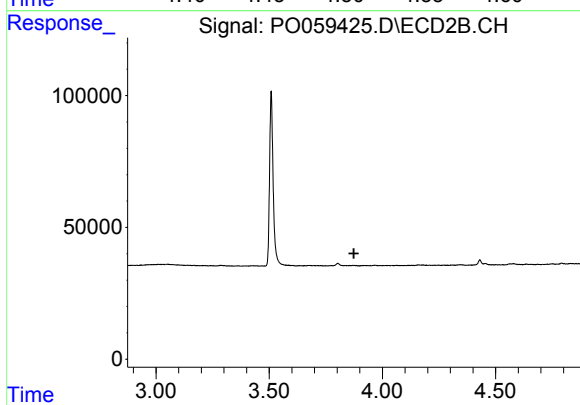
#9 AR-1221-2

R.T.: 3.803 min
Delta R.T.: 0.002 min
Response: 11018
Conc: 36.17 ng/ml



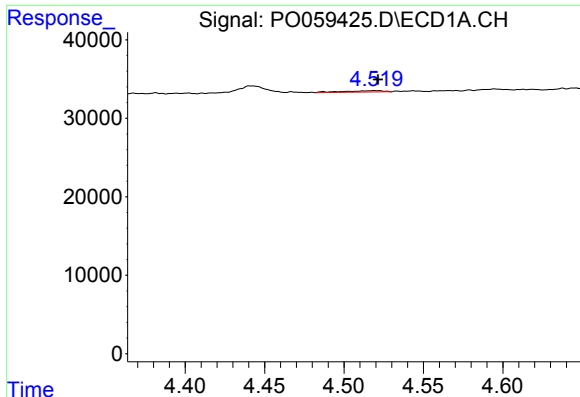
#10 AR-1221-3

R.T.: 4.519 min
Delta R.T.: -0.003 min
Response: 3027
Conc: 2.88 ng/ml



#10 AR-1221-3

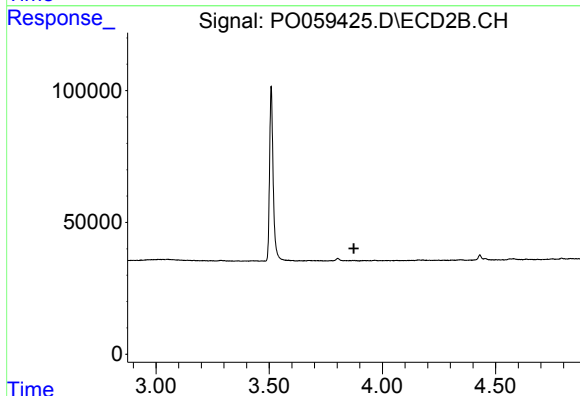
R.T.: 0.000 min
Exp R.T.: 3.874 min
Response: 0
Conc: N.D.



#11 AR-1232-1

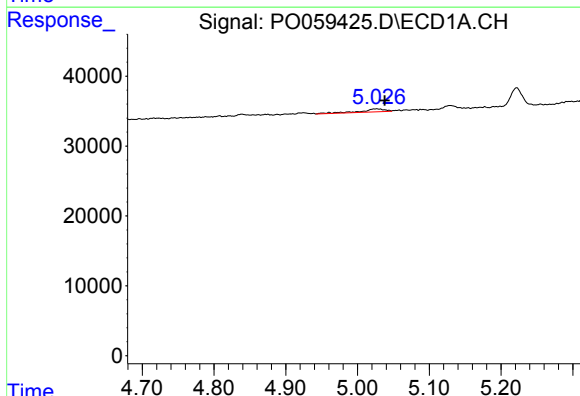
R.T.: 4.519 min
Delta R.T.: -0.002 min
Response: 3027
Conc: 2.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



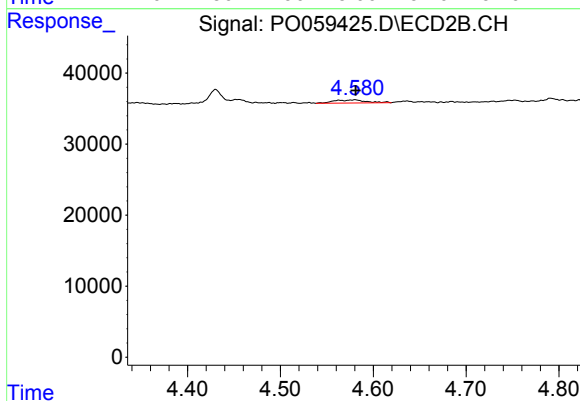
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.874 min
Response: 0
Conc: N.D.



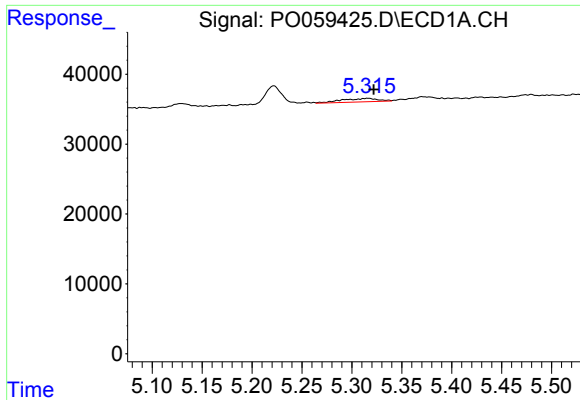
#12 AR-1232-2

R.T.: 5.027 min
Delta R.T.: -0.011 min
Response: 9850
Conc: 13.94 ng/ml



#12 AR-1232-2

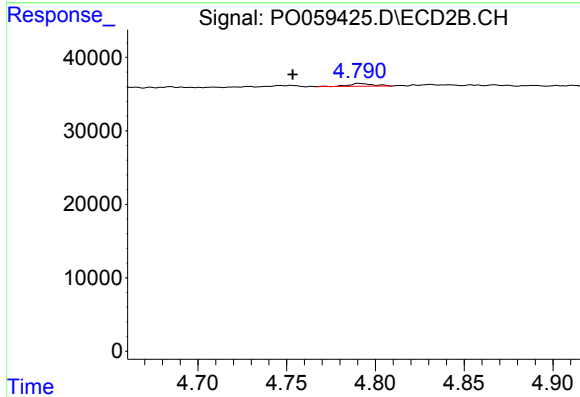
R.T.: 4.580 min
Delta R.T.: 0.000 min
Response: 10625
Conc: 8.34 ng/ml



#13 AR-1232-3

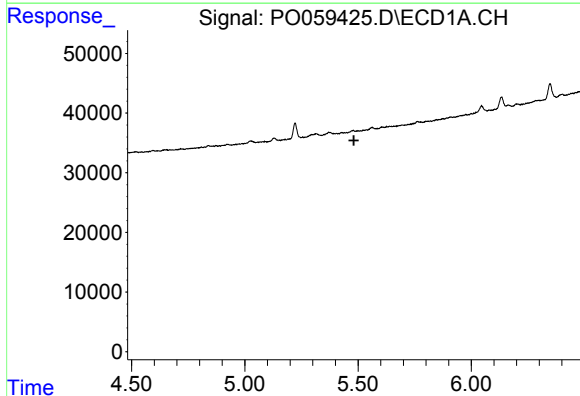
R.T.: 5.316 min
Delta R.T.: -0.006 min
Response: 12605
Conc: 8.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



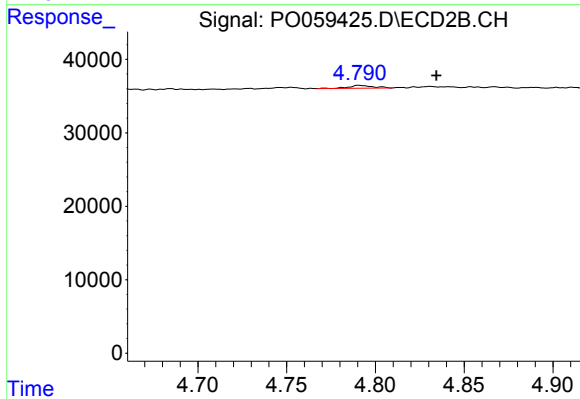
#13 AR-1232-3

R.T.: 4.791 min
Delta R.T.: 0.038 min
Response: 3846
Conc: 5.65 ng/ml



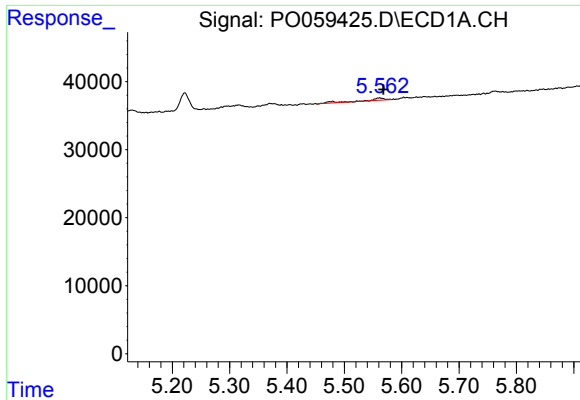
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.481 min
Response: 0
Conc: N.D.



#14 AR-1232-4

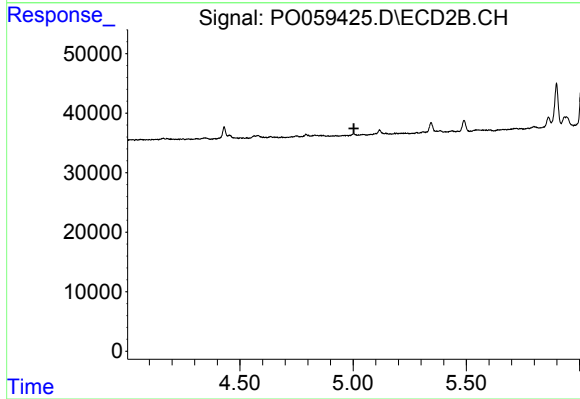
R.T.: 4.791 min
Delta R.T.: -0.043 min
Response: 3846
Conc: 6.30 ng/ml



#15 AR-1232-5

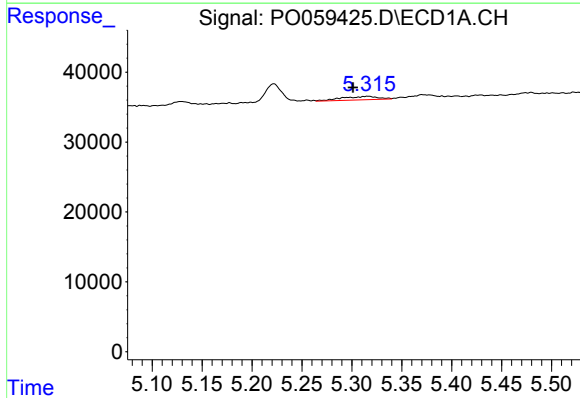
R.T.: 5.562 min
Delta R.T.: -0.006 min
Response: 6748
Conc: 11.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



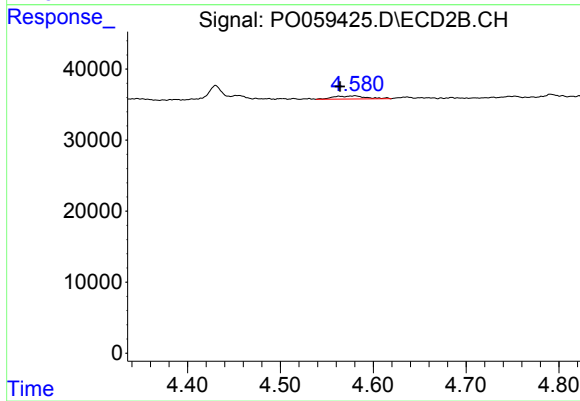
#15 AR-1232-5

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



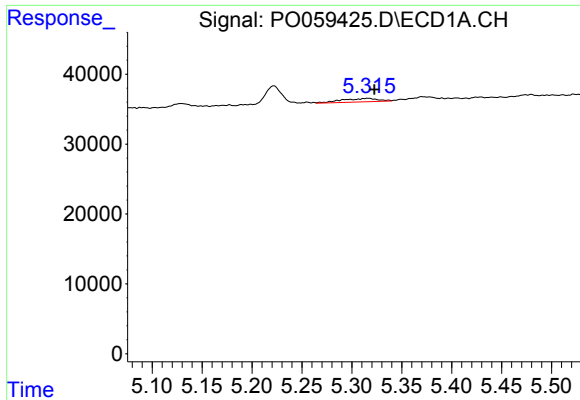
#16 AR-1242-1

R.T.: 5.316 min
Delta R.T.: 0.014 min
Response: 12605
Conc: 9.93 ng/ml



#16 AR-1242-1

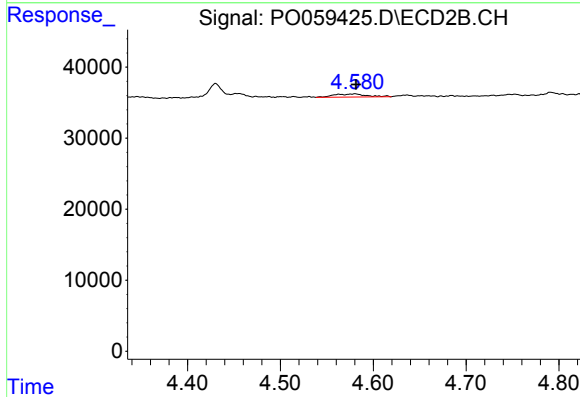
R.T.: 4.580 min
Delta R.T.: 0.016 min
Response: 10625
Conc: 10.33 ng/ml



#17 AR-1242-2

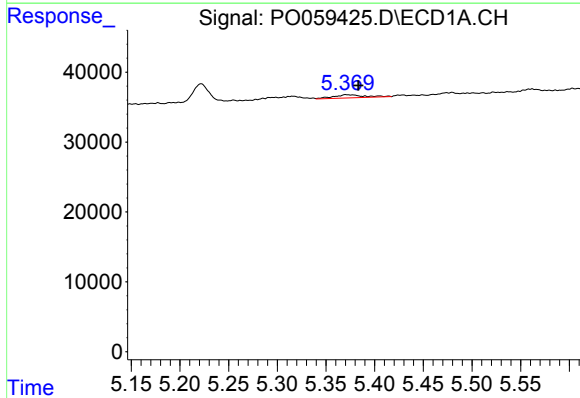
R.T.: 5.316 min
Delta R.T.: -0.007 min
Response: 12605
Conc: 6.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



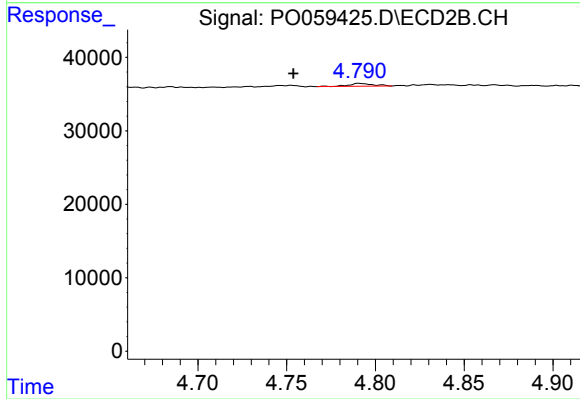
#17 AR-1242-2

R.T.: 4.580 min
Delta R.T.: -0.001 min
Response: 10625
Conc: 6.98 ng/ml



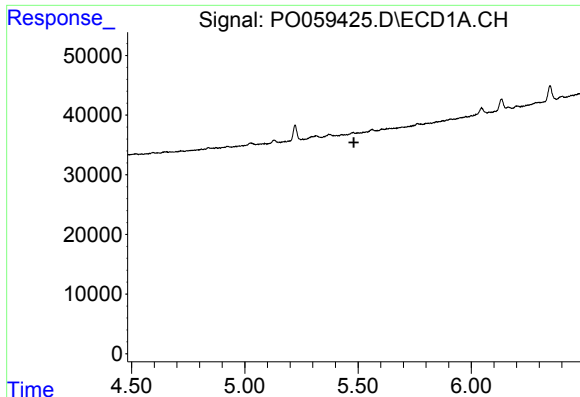
#18 AR-1242-3

R.T.: 5.372 min
Delta R.T.: -0.011 min
Response: 9791
Conc: 8.38 ng/ml



#18 AR-1242-3

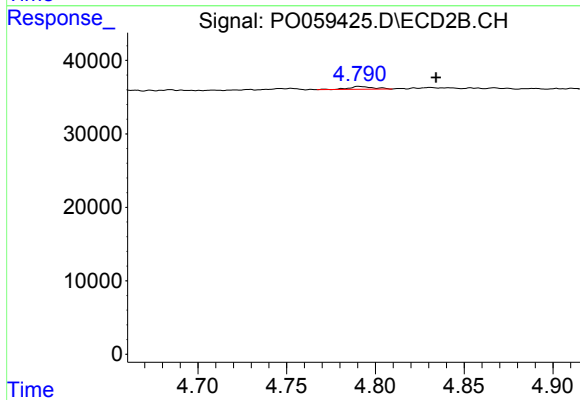
R.T.: 4.791 min
Delta R.T.: 0.037 min
Response: 3846
Conc: 4.60 ng/ml



#19 AR-1242-4

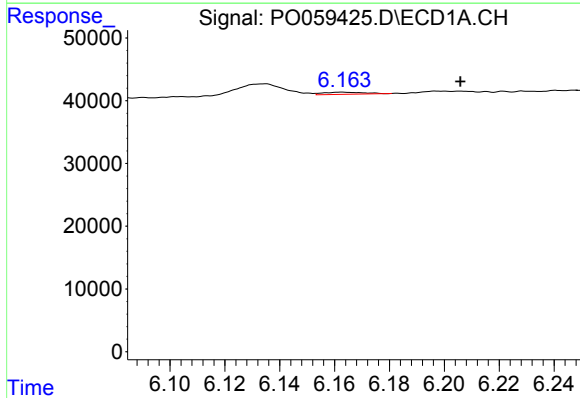
R.T.: 0.000 min
Exp R.T.: 5.482 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



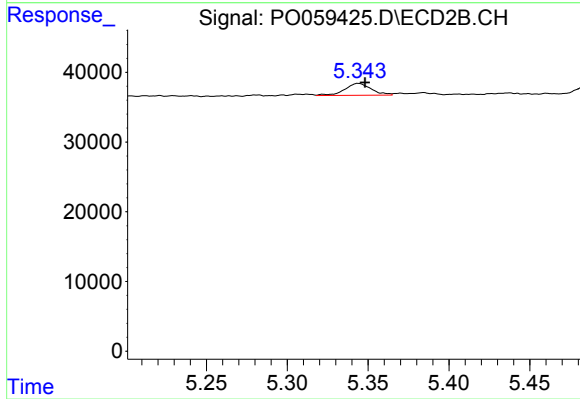
#19 AR-1242-4

R.T.: 4.791 min
Delta R.T.: -0.043 min
Response: 3846
Conc: 4.61 ng/ml



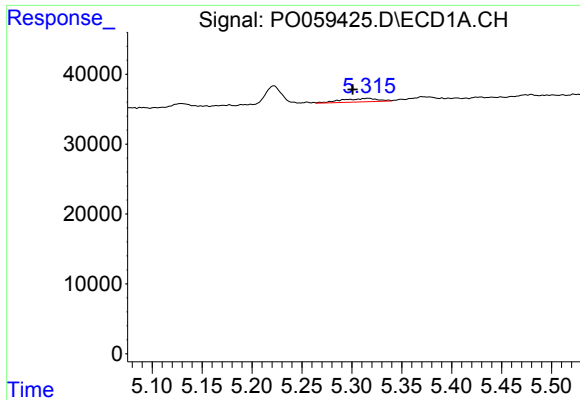
#20 AR-1242-5

R.T.: 6.163 min
Delta R.T.: -0.043 min
Response: 3371
Conc: 2.68 ng/ml



#20 AR-1242-5

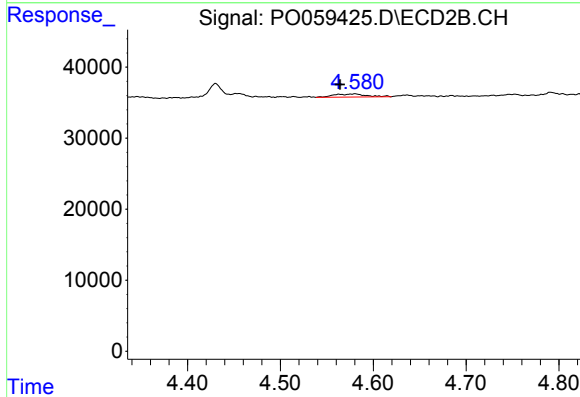
R.T.: 5.344 min
Delta R.T.: -0.004 min
Response: 19363
Conc: 17.31 ng/ml



#21 AR-1248-1

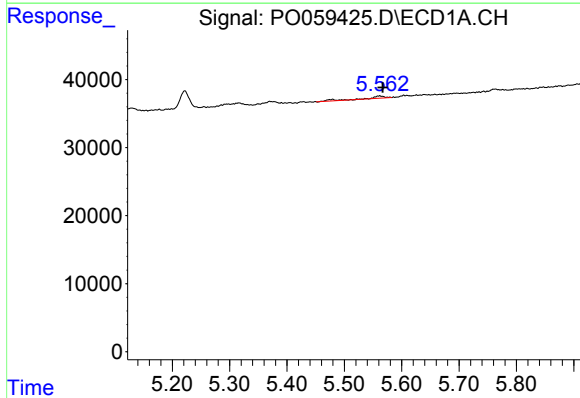
R.T.: 5.316 min
Delta R.T.: 0.015 min
Response: 12605
Conc: 12.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



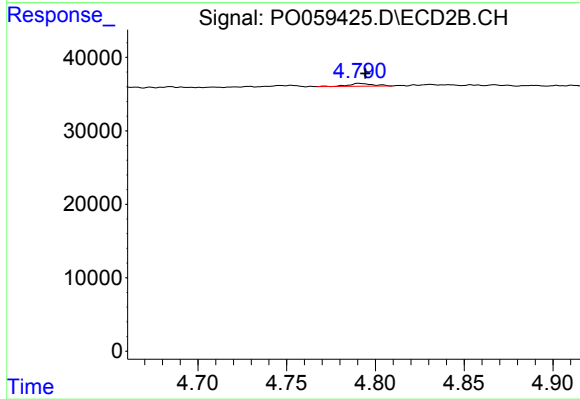
#21 AR-1248-1

R.T.: 4.580 min
Delta R.T.: 0.016 min
Response: 10625
Conc: 12.83 ng/ml



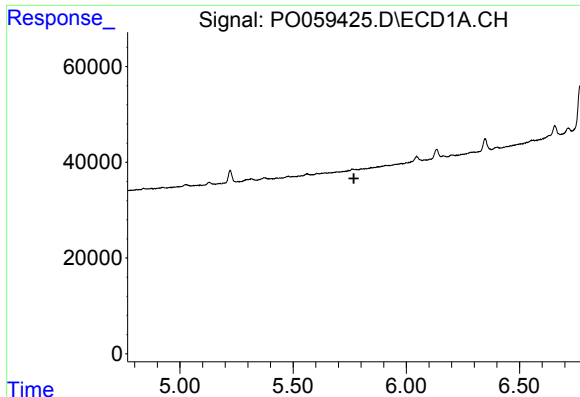
#22 AR-1248-2

R.T.: 5.562 min
Delta R.T.: -0.005 min
Response: 6748
Conc: 4.65 ng/ml



#22 AR-1248-2

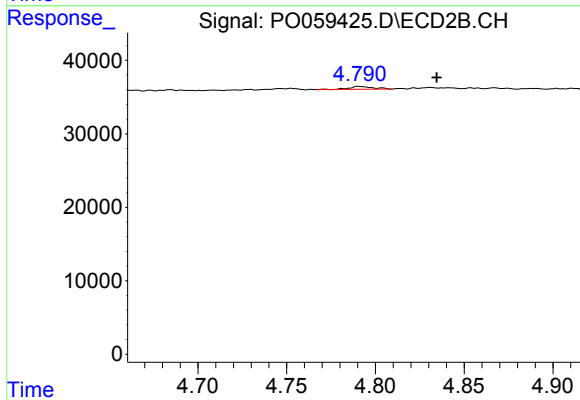
R.T.: 4.791 min
Delta R.T.: -0.003 min
Response: 3846
Conc: 3.34 ng/ml



#23 AR-1248-3

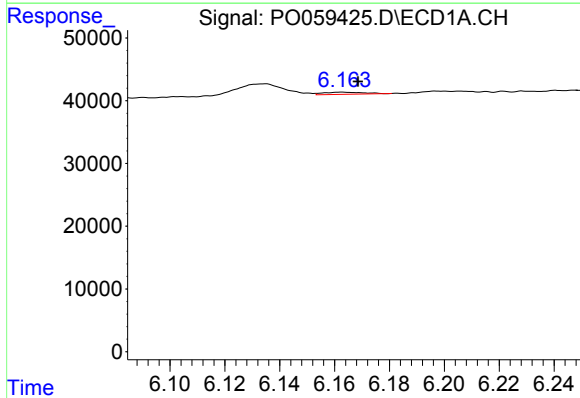
R.T.: 0.000 min
Exp R.T.: 5.768 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



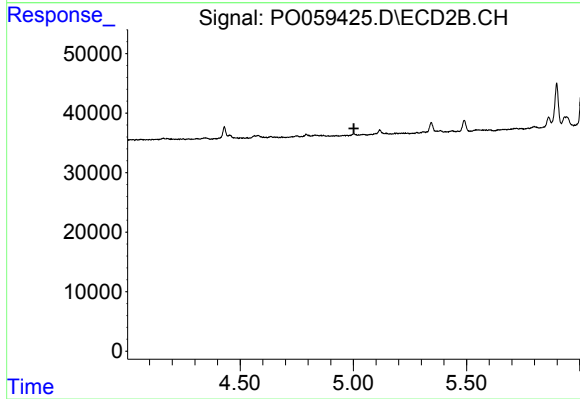
#23 AR-1248-3

R.T.: 4.791 min
Delta R.T.: -0.043 min
Response: 3846
Conc: 3.24 ng/ml



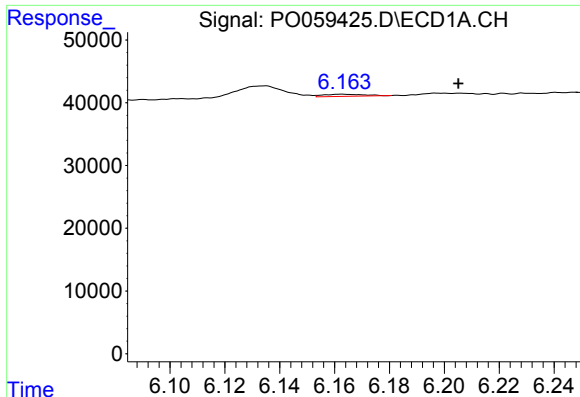
#24 AR-1248-4

R.T.: 6.163 min
Delta R.T.: -0.005 min
Response: 3371
Conc: 1.65 ng/ml



#24 AR-1248-4

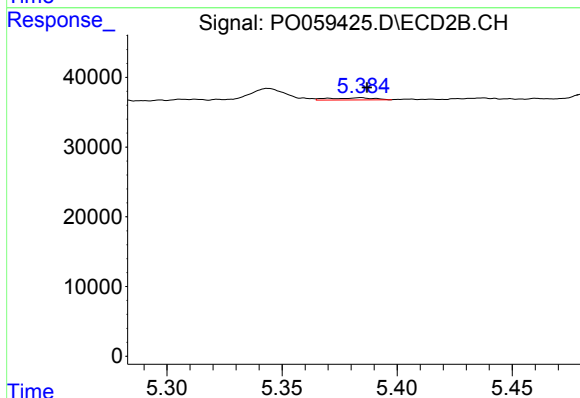
R.T.: 0.000 min
Exp R.T.: 5.003 min
Response: 0
Conc: N.D.



#25 AR-1248-5

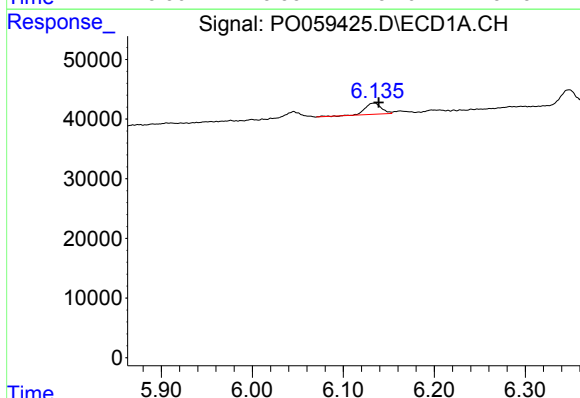
R.T.: 6.163 min
Delta R.T.: -0.042 min
Response: 3371
Conc: 1.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



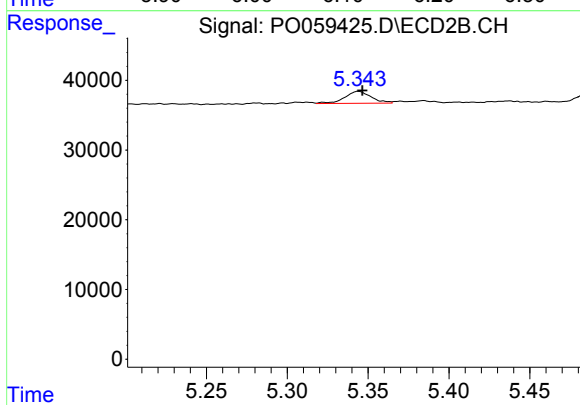
#25 AR-1248-5

R.T.: 5.384 min
Delta R.T.: -0.003 min
Response: 4102
Conc: 2.87 ng/ml



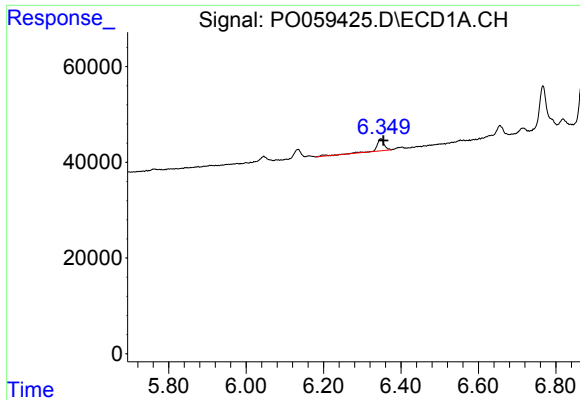
#26 AR-1254-1

R.T.: 6.133 min
Delta R.T.: -0.006 min
Response: 23459
Conc: 11.24 ng/ml



#26 AR-1254-1

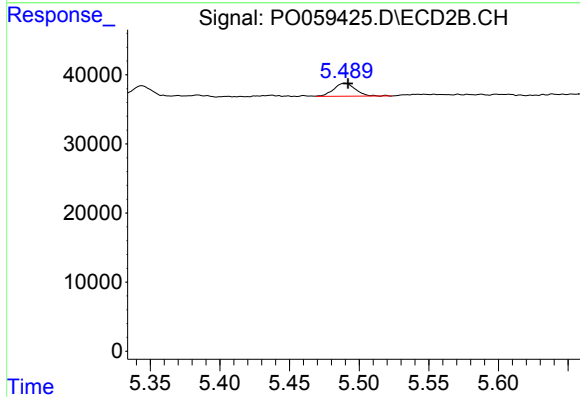
R.T.: 5.344 min
Delta R.T.: -0.002 min
Response: 19363
Conc: 8.16 ng/ml



#27 AR-1254-2

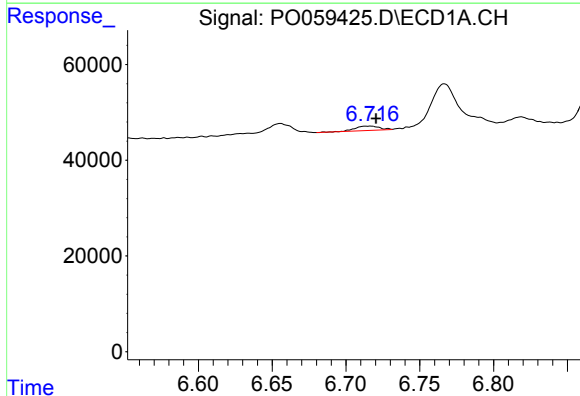
R.T.: 6.348 min
Delta R.T.: -0.007 min
Response: 34470
Conc: 10.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



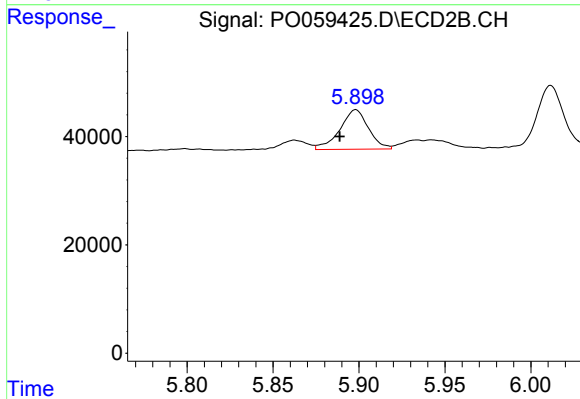
#27 AR-1254-2

R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 20508
Conc: 9.77 ng/ml



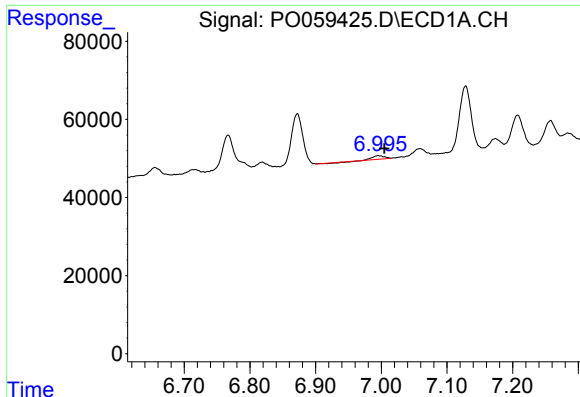
#28 AR-1254-3

R.T.: 6.715 min
Delta R.T.: -0.005 min
Response: 10787
Conc: 3.04 ng/ml



#28 AR-1254-3

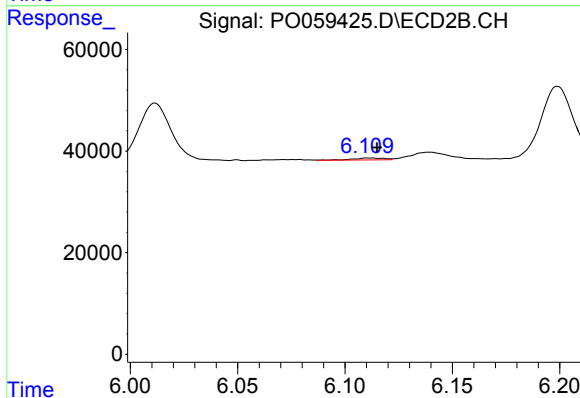
R.T.: 5.898 min
Delta R.T.: 0.009 min
Response: 84849
Conc: 25.23 ng/ml



#29 AR-1254-4

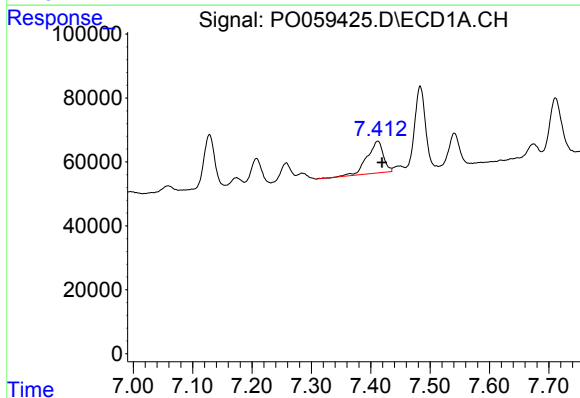
R.T.: 6.996 min
Delta R.T.: -0.009 min
Response: 10158
Conc: 3.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



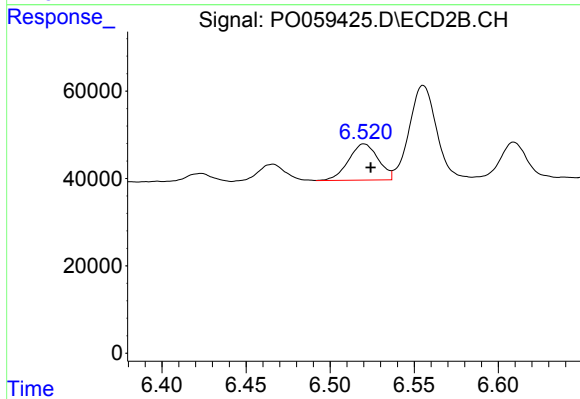
#29 AR-1254-4

R.T.: 6.112 min
Delta R.T.: -0.003 min
Response: 3936
Conc: 1.91 ng/ml



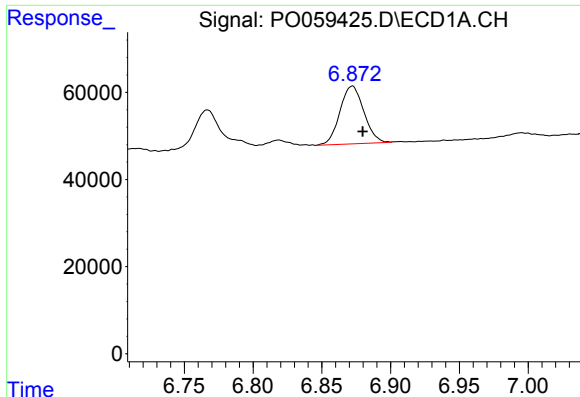
#30 AR-1254-5

R.T.: 7.412 min
Delta R.T.: -0.008 min
Response: 189515
Conc: 61.28 ng/ml



#30 AR-1254-5

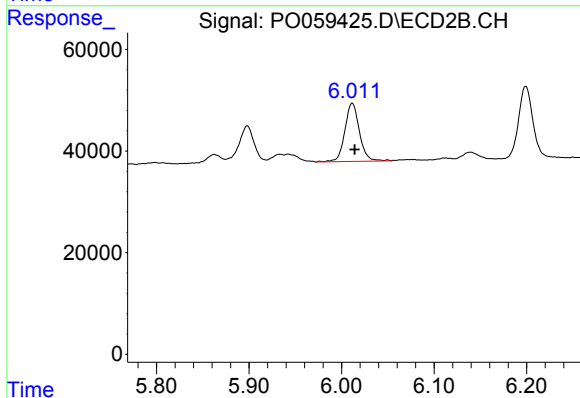
R.T.: 6.520 min
Delta R.T.: -0.004 min
Response: 101748
Conc: 32.77 ng/ml



#31 AR-1260-1

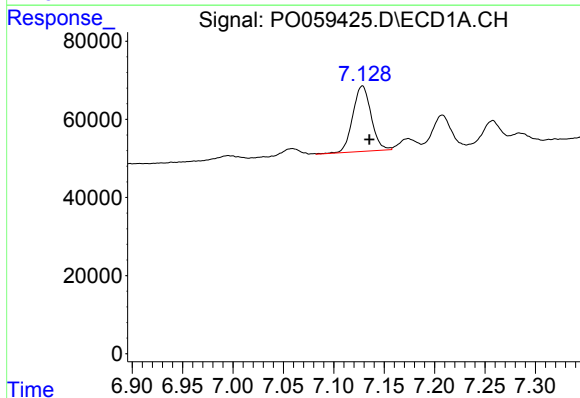
R.T.: 6.872 min
Delta R.T.: -0.008 min
Response: 160601
Conc: 59.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



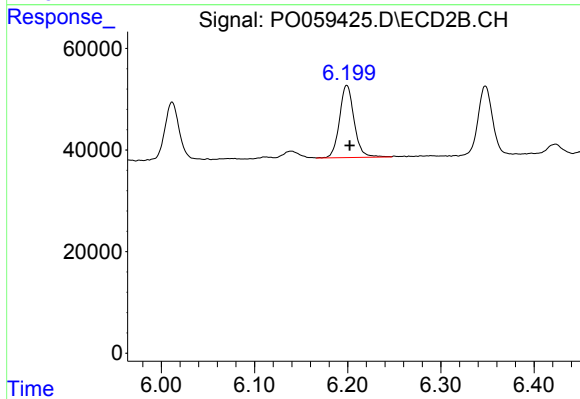
#31 AR-1260-1

R.T.: 6.012 min
Delta R.T.: -0.003 min
Response: 125566
Conc: 55.10 ng/ml



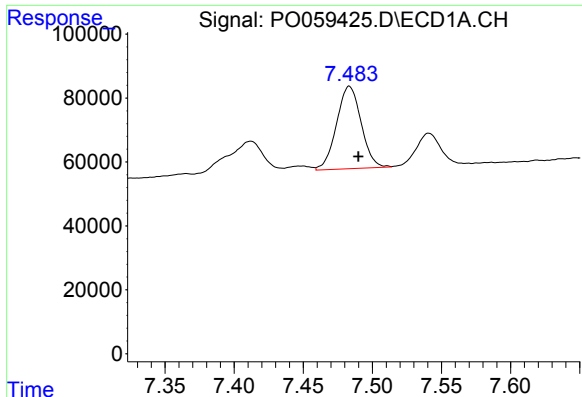
#32 AR-1260-2

R.T.: 7.128 min
Delta R.T.: -0.007 min
Response: 211286
Conc: 56.94 ng/ml



#32 AR-1260-2

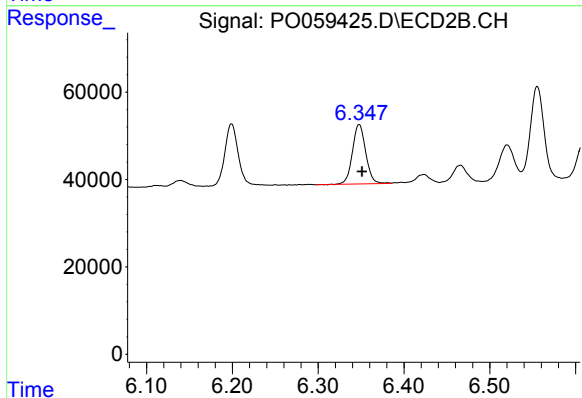
R.T.: 6.199 min
Delta R.T.: -0.003 min
Response: 154980
Conc: 52.90 ng/ml



#33 AR-1260-3

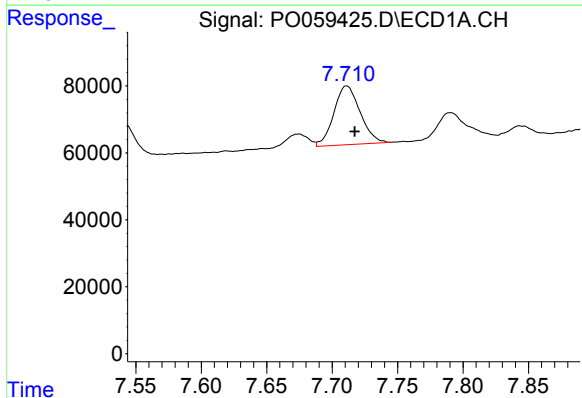
R.T.: 7.483 min
Delta R.T.: -0.007 min
Response: 319849
Conc: 97.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



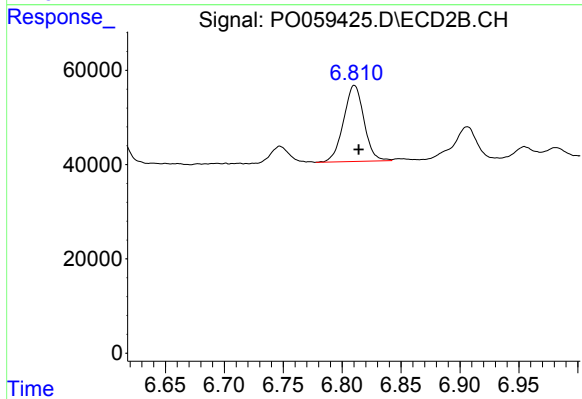
#33 AR-1260-3

R.T.: 6.348 min
Delta R.T.: -0.003 min
Response: 146632
Conc: 55.35 ng/ml



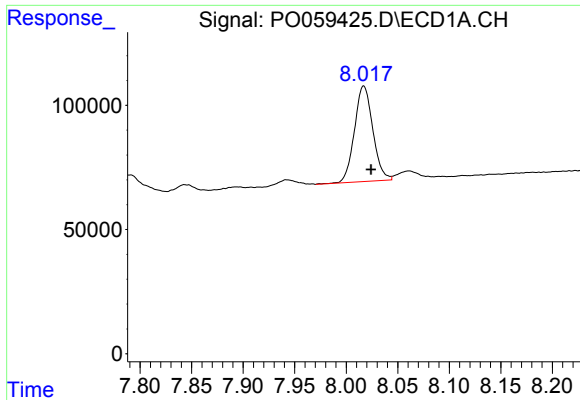
#34 AR-1260-4

R.T.: 7.711 min
Delta R.T.: -0.006 min
Response: 245259
Conc: 79.85 ng/ml



#34 AR-1260-4

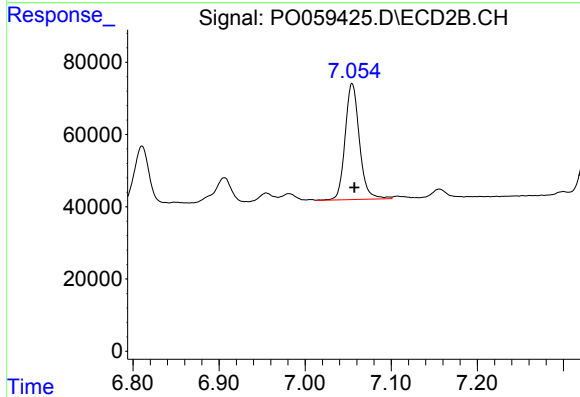
R.T.: 6.810 min
Delta R.T.: -0.004 min
Response: 194960
Conc: 86.17 ng/ml



#35 AR-1260-5

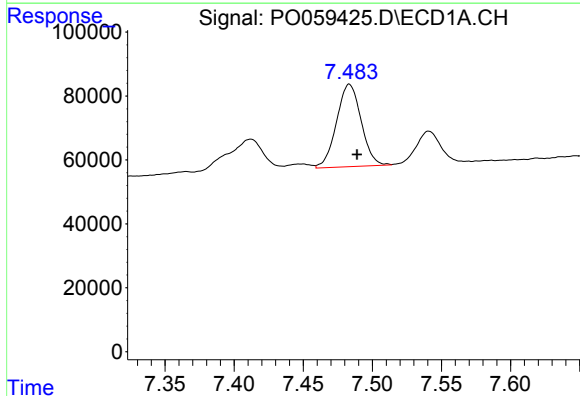
R.T.: 8.017 min
Delta R.T.: -0.007 min
Response: 477092
Conc: 67.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



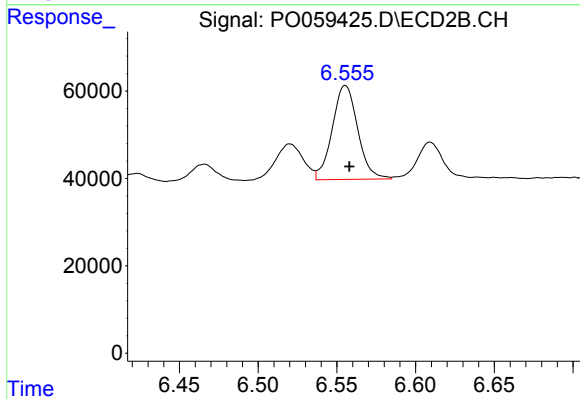
#35 AR-1260-5

R.T.: 7.055 min
Delta R.T.: -0.003 min
Response: 370378
Conc: 67.30 ng/ml



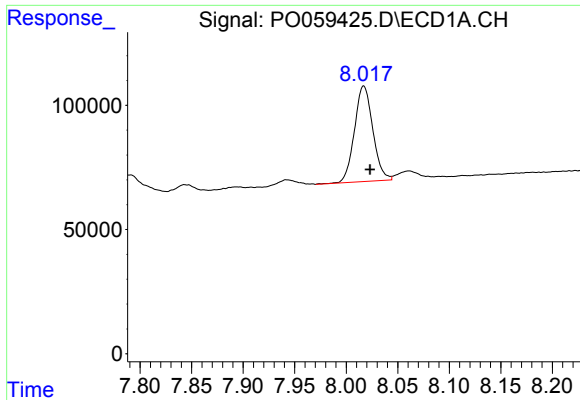
#36 AR-1262-1

R.T.: 7.483 min
Delta R.T.: -0.005 min
Response: 319849
Conc: 65.91 ng/ml



#36 AR-1262-1

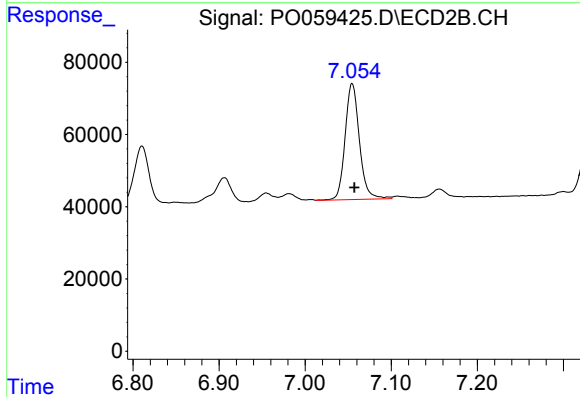
R.T.: 6.555 min
Delta R.T.: -0.003 min
Response: 241979
Conc: 64.92 ng/ml



#37 AR-1262-2

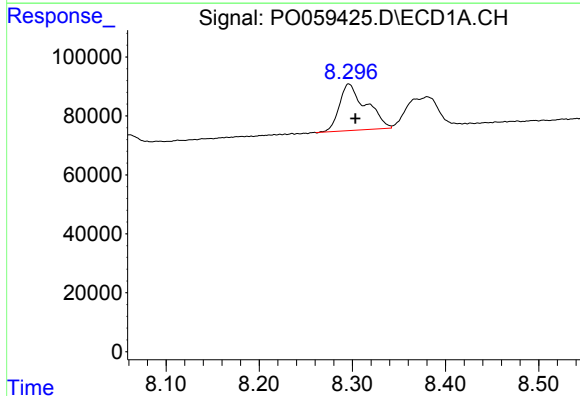
R.T.: 8.017 min
Delta R.T.: -0.006 min
Response: 477092
Conc: 61.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



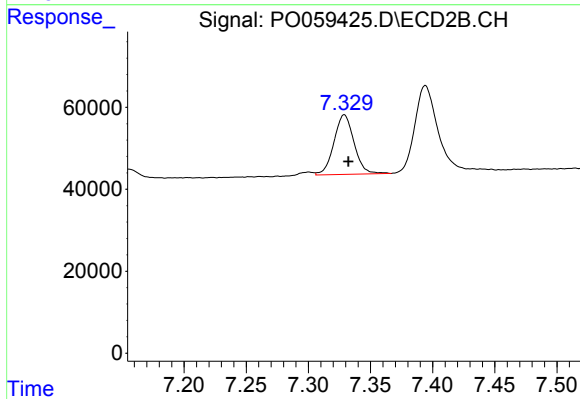
#37 AR-1262-2

R.T.: 7.055 min
Delta R.T.: -0.003 min
Response: 370378
Conc: 63.00 ng/ml



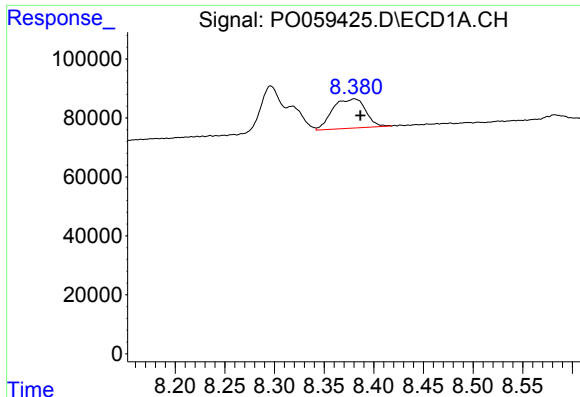
#38 AR-1262-3

R.T.: 8.296 min
Delta R.T.: -0.007 min
Response: 313746
Conc: 61.49 ng/ml



#38 AR-1262-3

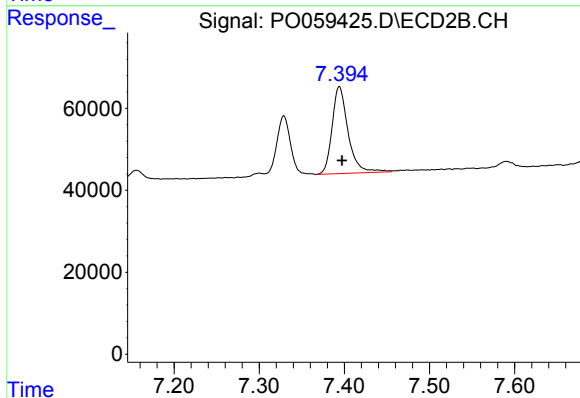
R.T.: 7.329 min
Delta R.T.: -0.003 min
Response: 163622
Conc: 64.39 ng/ml



#39 AR-1262-4

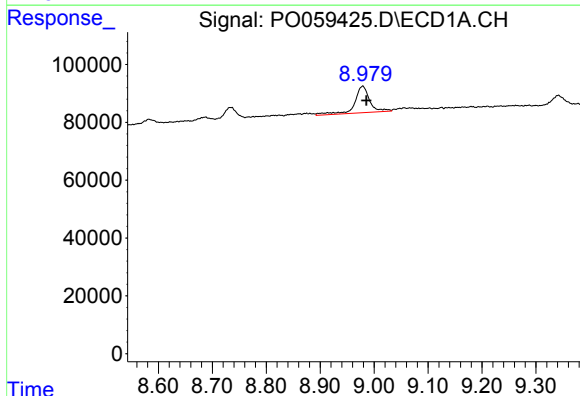
R.T.: 8.380 min
Delta R.T.: -0.006 min
Response: 230090
Conc: 59.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



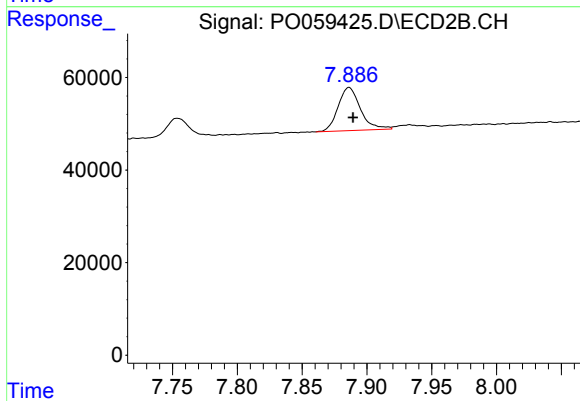
#39 AR-1262-4

R.T.: 7.394 min
Delta R.T.: -0.003 min
Response: 277288
Conc: 62.75 ng/ml



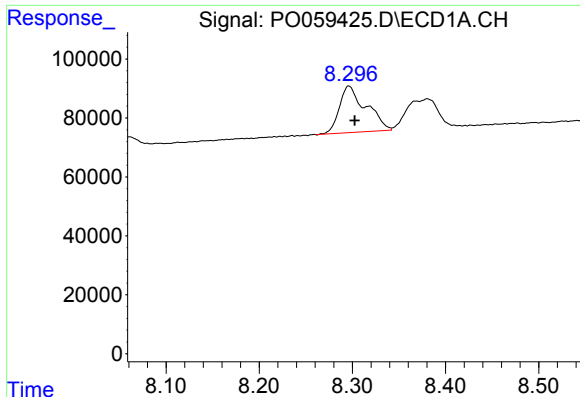
#40 AR-1262-5

R.T.: 8.979 min
Delta R.T.: -0.007 min
Response: 178587
Conc: 69.58 ng/ml



#40 AR-1262-5

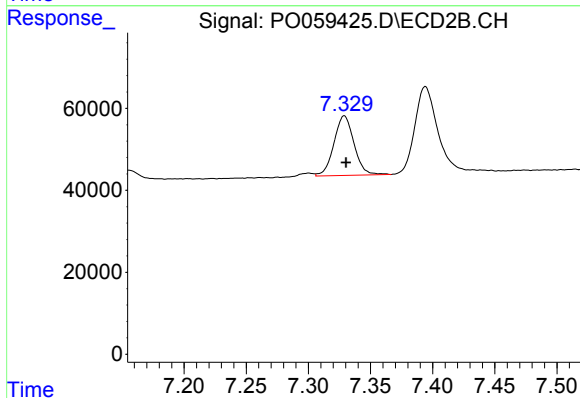
R.T.: 7.886 min
Delta R.T.: -0.003 min
Response: 111590
Conc: 61.80 ng/ml



#41 AR-1268-1

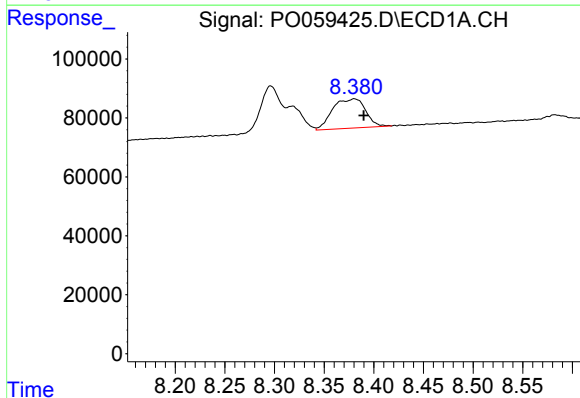
R.T.: 8.296 min
Delta R.T.: -0.006 min
Response: 313746
Conc: 33.34 ng/ml

Instrument :
ECD_O
ClientSampleId :



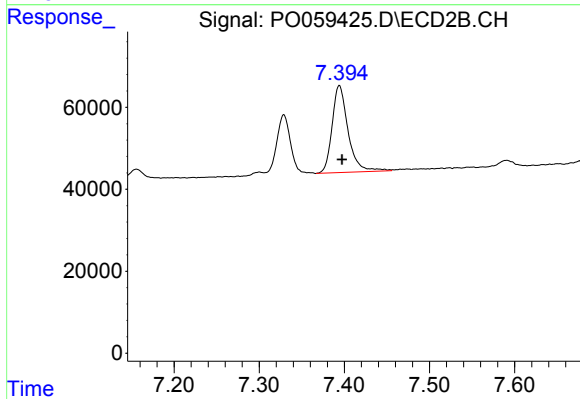
#41 AR-1268-1

R.T.: 7.329 min
Delta R.T.: -0.002 min
Response: 163622
Conc: 22.98 ng/ml



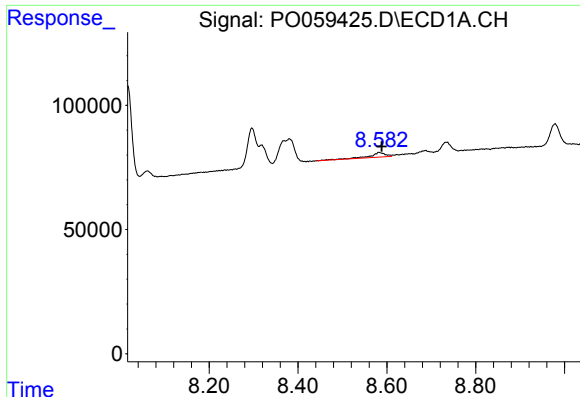
#42 AR-1268-2

R.T.: 8.380 min
Delta R.T.: -0.010 min
Response: 230090
Conc: 29.19 ng/ml



#42 AR-1268-2

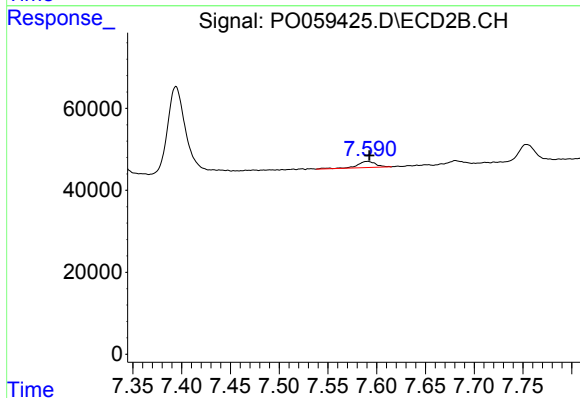
R.T.: 7.394 min
Delta R.T.: -0.003 min
Response: 277288
Conc: 43.00 ng/ml



#43 AR-1268-3

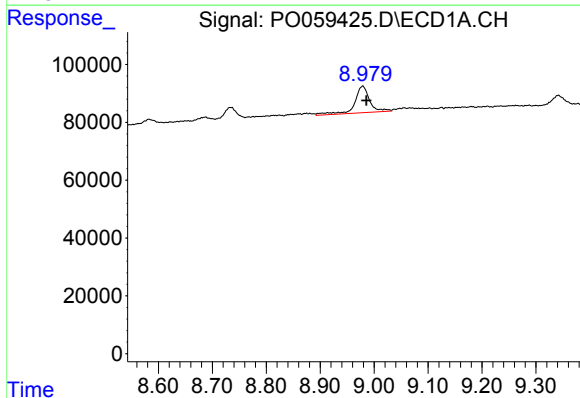
R.T.: 8.583 min
Delta R.T.: -0.006 min
Response: 44508
Conc: 6.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



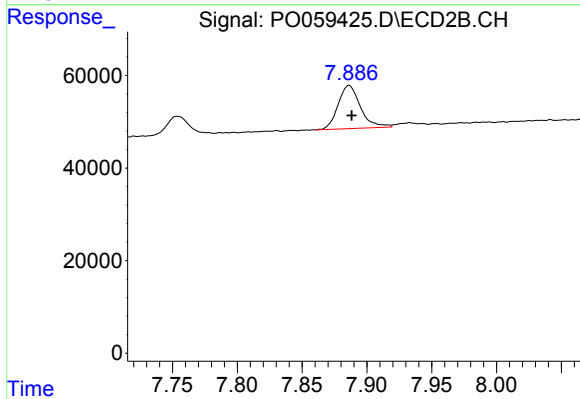
#43 AR-1268-3

R.T.: 7.590 min
Delta R.T.: -0.002 min
Response: 20268
Conc: 3.70 ng/ml



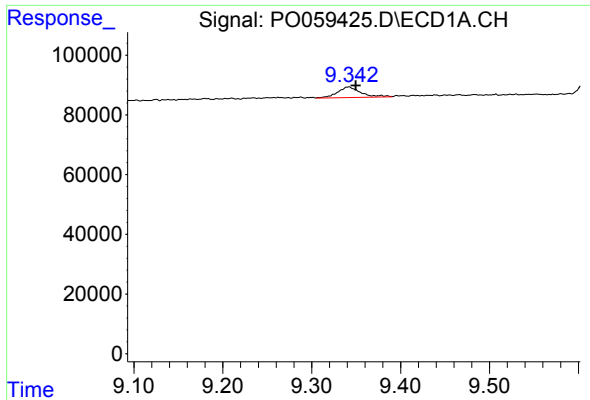
#44 AR-1268-4

R.T.: 8.979 min
Delta R.T.: -0.007 min
Response: 178587
Conc: 64.24 ng/ml



#44 AR-1268-4

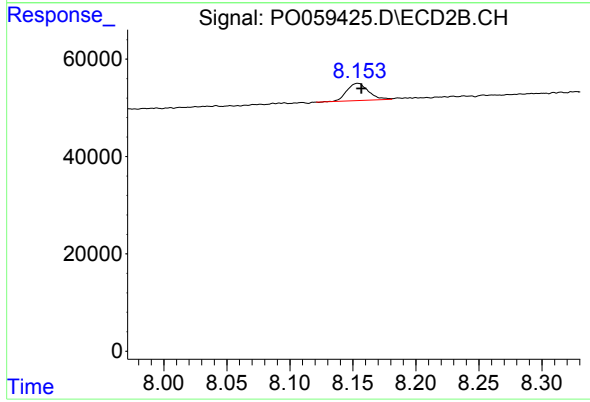
R.T.: 7.886 min
Delta R.T.: -0.002 min
Response: 111590
Conc: 54.67 ng/ml



#45 AR-1268-5

R.T.: 9.342 min
Delta R.T.: -0.008 min
Response: 64287
Conc: 3.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.154 min
Delta R.T.: -0.003 min
Response: 42236
Conc: 2.91 ng/ml