

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0081719\
 Data File : P0059395.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 16 Aug 2019 19:50
 Operator : SM/SJ
 Sample : K3591-01
 Misc : AR1242 LOD 25 PPB
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 17 03:27:39 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...	4.144	3.510	741945	719737	21.191	19.995
2)	SA Decachlor...	9.636	8.382	1174150	869312	22.070	21.560
Target Compounds							
3)	L1 AR-1016-1	5.296	4.564	42836	34428	26.708	25.466
4)	L1 AR-1016-2	5.318	4.581	61588	50185	25.742	25.055
5)	L1 AR-1016-3	5.378	4.752	38027	29748	25.530	27.497
6)	L1 AR-1016-4	5.477	4.793	30828	23153	25.483	25.640
7)	L1 AR-1016-5	5.764	5.003	30032	26726	23.387	23.201
9)	L2 AR-1221-2	4.444	3.803	13976	16950	43.030	55.643 #
10)	L2 AR-1221-3	4.517	3.873	20310	17941	19.308	18.336
11)	L3 AR-1232-1	4.517	3.873	20310	17941	16.294	15.736
12)	L3 AR-1232-2	5.033	4.581	30722	50185	43.492	39.405
13)	L3 AR-1232-3	5.318	4.752	61588	29748	40.218	43.689
14)	L3 AR-1232-4	5.477	4.834	30828	26679	39.428	43.732
15)	L3 AR-1232-5	5.563	5.003	28168	26726	46.858	39.261
16)	L4 AR-1242-1	5.296	4.564	42836	34428	33.742	33.469
17)	L4 AR-1242-2	5.318	4.581	61588	50185	33.190	32.950
18)	L4 AR-1242-3	5.378	4.752	38027	29748	32.534	35.605
19)	L4 AR-1242-4	5.477	4.834	30828	26679	31.851	31.974
20)	L4 AR-1242-5	6.201	5.347	37934	35602	30.188	31.827
21)	L5 AR-1248-1	5.296	4.564	42836	34428	42.727	41.579
22)	L5 AR-1248-2	5.563	4.793	28168	23153	19.414	20.078
23)	L5 AR-1248-3	5.764	4.834	30032	26679	18.069	22.462
24)	L5 AR-1248-4	6.165	5.003	38825	26726	18.994	18.393
25)	L5 AR-1248-5	6.201	5.386	37934	31690	19.129	22.141
26)	L6 AR-1254-1	6.135	5.347	35492	35602	17.011	15.010
27)	L6 AR-1254-2	6.357	5.489	38361	12831	11.498	6.115 #
28)	L6 AR-1254-3	6.718	5.888	15040	14651	4.239	4.357
29)	L6 AR-1254-4	7.002	6.113	15085	10454	5.121	5.070
30)	L6 AR-1254-5	7.423	6.525	4594	18915	1.485	6.092 #
31)	L7 AR-1260-1	6.889	6.009	7159	15887	2.656	6.971 #
32)	L7 AR-1260-2	7.130	6.199	20349	16565	5.484	5.654
33)	L7 AR-1260-3	7.498	6.345	9562	13344	2.918	5.037 #
34)	L7 AR-1260-4	0.000	6.813	0	6241	N.D.	2.758 #
36)	L8 AR-1262-1	7.498	6.559	9562	13333	1.970	3.577 #
38)	L8 AR-1262-3	8.236	7.328	2613	11440	0.512	4.502 #
39)	L8 AR-1262-4	8.384	7.392	29346	14495	7.613	3.280 #
40)	L8 AR-1262-5	8.997	0.000	63668	0	24.807	N.D. #
41)	L9 AR-1268-1	8.236	7.328	2613	11440	0.278	1.606 #
42)	L9 AR-1268-2	8.384	7.392	29346	14495	3.723	2.248 #
43)	L9 AR-1268-3	8.587	7.594	69760	6799	9.897	1.243 #
44)	L9 AR-1268-4	8.997	0.000	63668	0	22.902	N.D. #

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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
45) L9	AR-1268-5	9.343	8.157	99103	6491	5.374	0.447 #

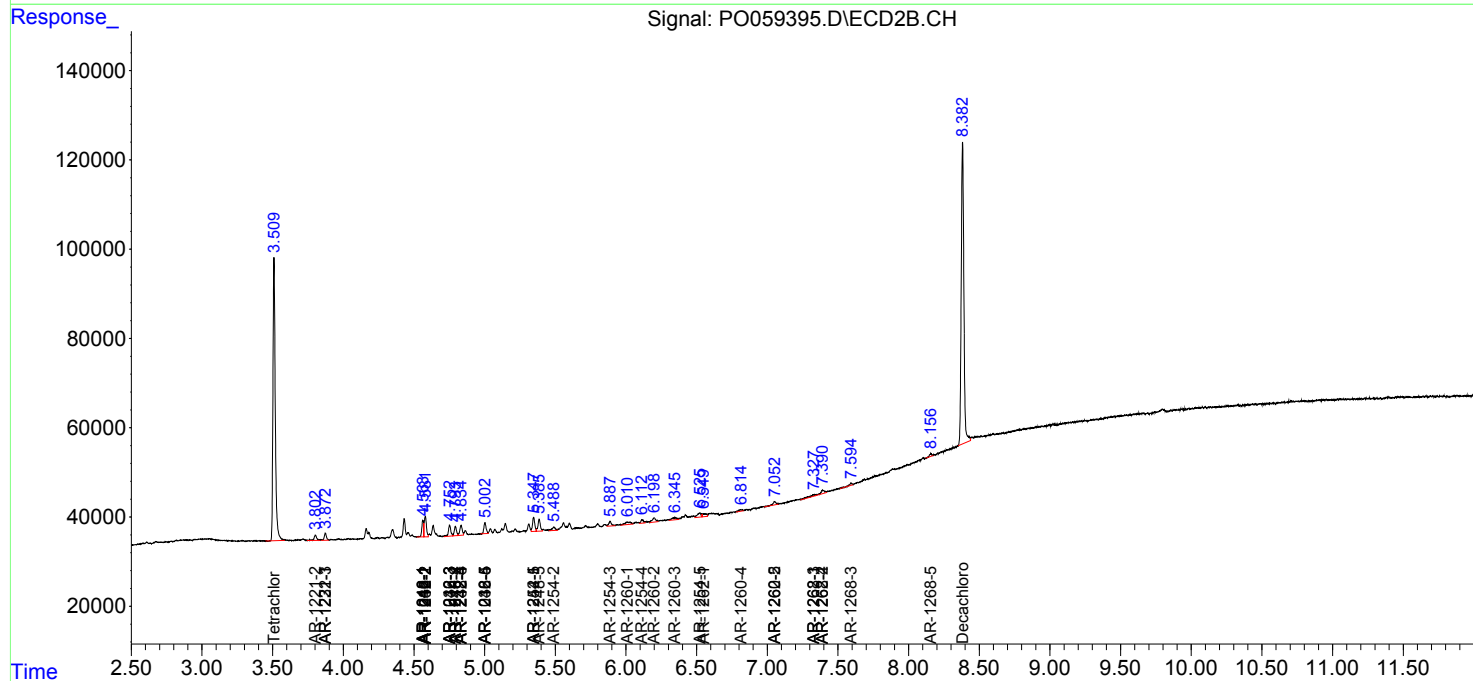
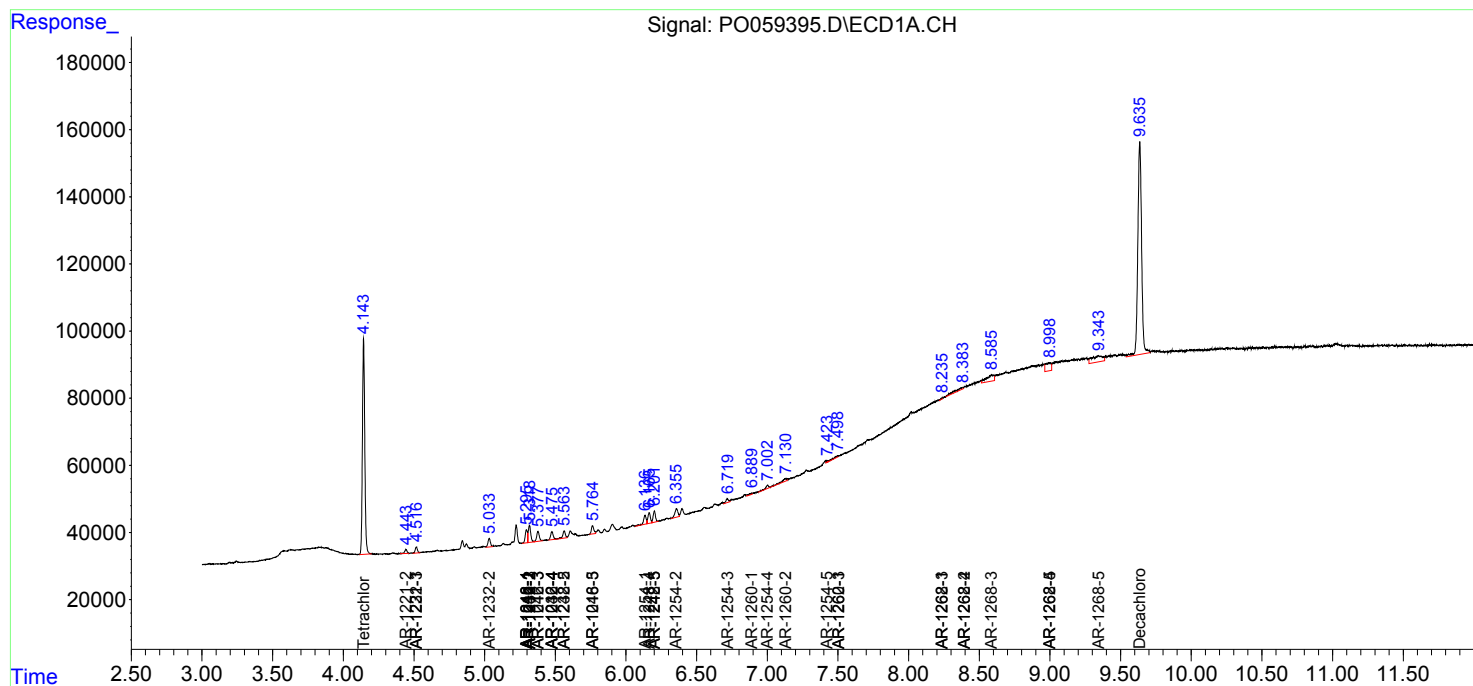
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

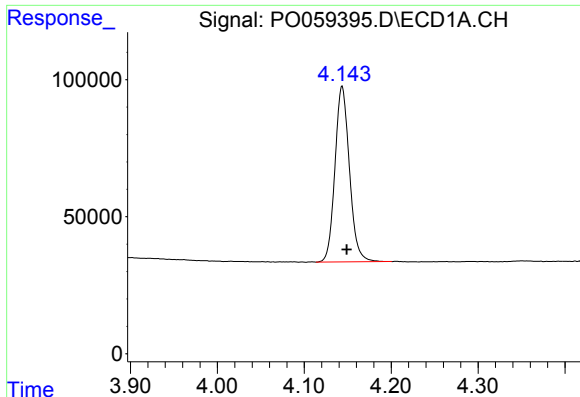
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081719\
Data File : PO059395.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
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Sample : K3591-01
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

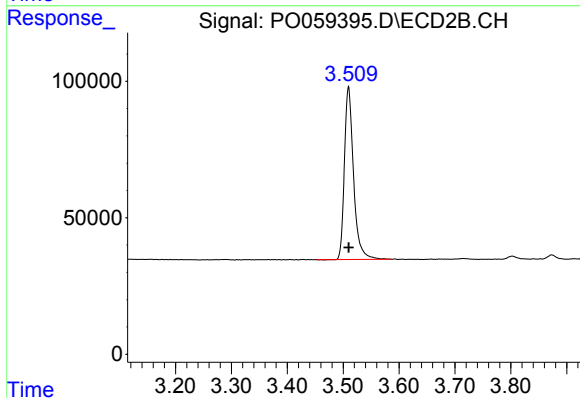




#1 Tetrachloro-m-xylene

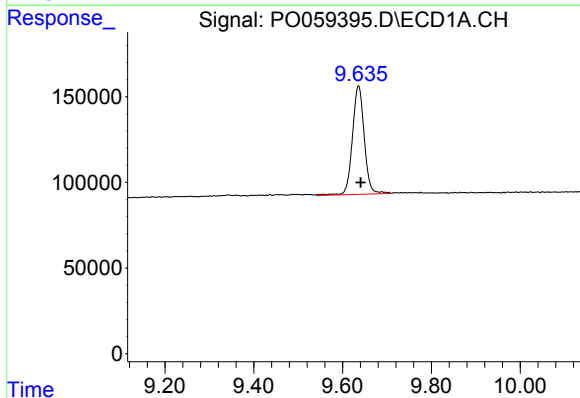
R.T.: 4.144 min
Delta R.T.: -0.005 min
Response: 741945
Conc: 21.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



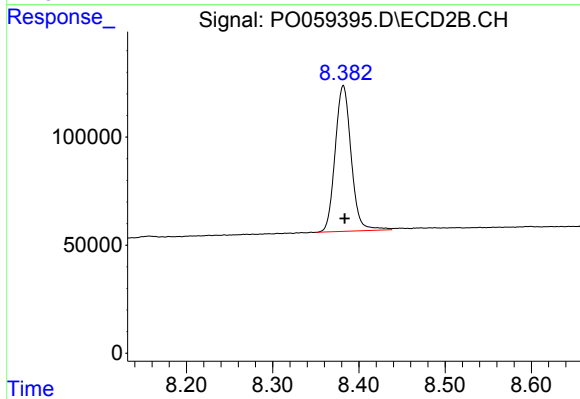
#1 Tetrachloro-m-xylene

R.T.: 3.510 min
Delta R.T.: 0.000 min
Response: 719737
Conc: 20.00 ng/ml



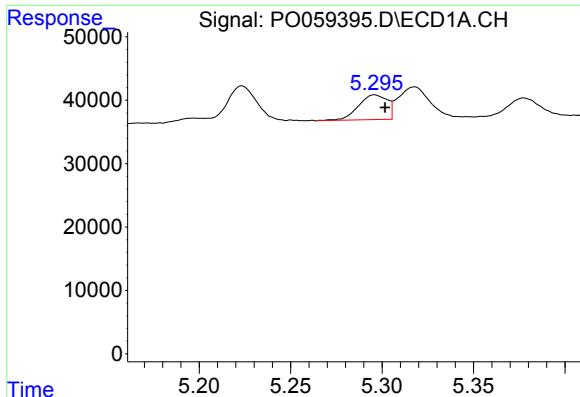
#2 Decachlorobiphenyl

R.T.: 9.636 min
Delta R.T.: -0.005 min
Response: 1174150
Conc: 22.07 ng/ml



#2 Decachlorobiphenyl

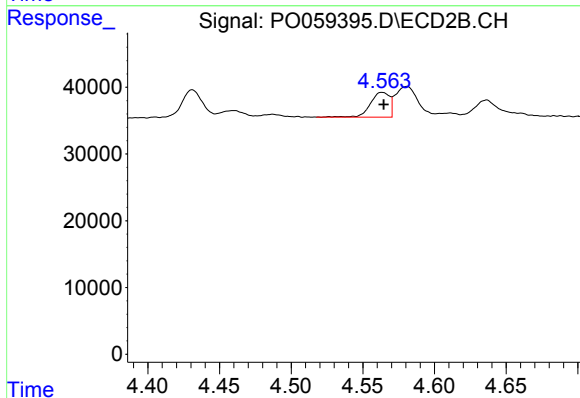
R.T.: 8.382 min
Delta R.T.: -0.001 min
Response: 869312
Conc: 21.56 ng/ml



#3 AR-1016-1

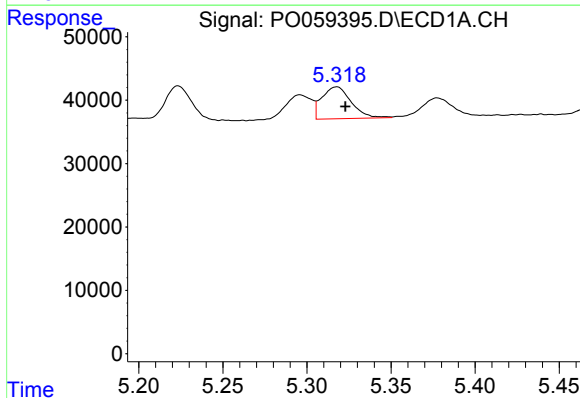
R.T.: 5.296 min
Delta R.T.: -0.006 min
Response: 42836
Conc: 26.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



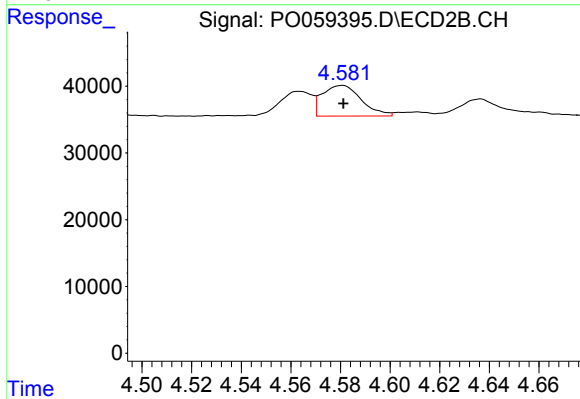
#3 AR-1016-1

R.T.: 4.564 min
Delta R.T.: -0.001 min
Response: 34428
Conc: 25.47 ng/ml



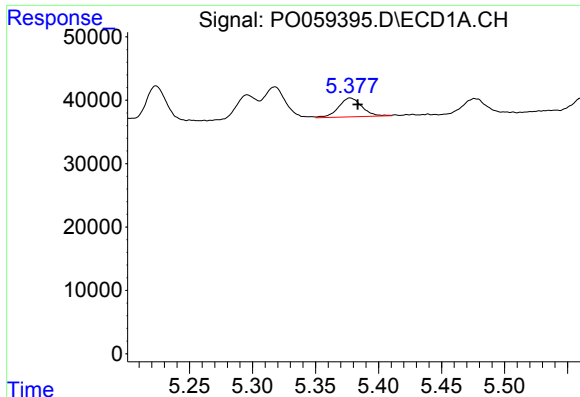
#4 AR-1016-2

R.T.: 5.318 min
Delta R.T.: -0.005 min
Response: 61588
Conc: 25.74 ng/ml



#4 AR-1016-2

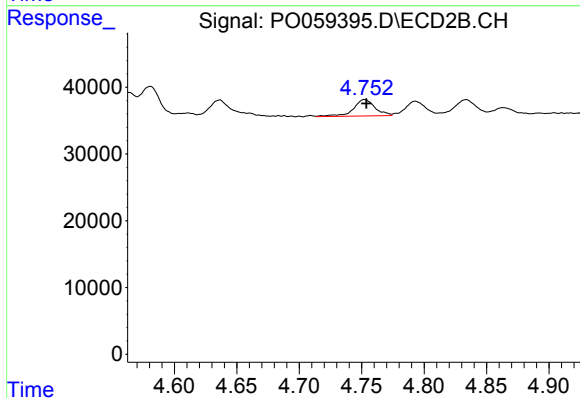
R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 50185
Conc: 25.05 ng/ml



#5 AR-1016-3

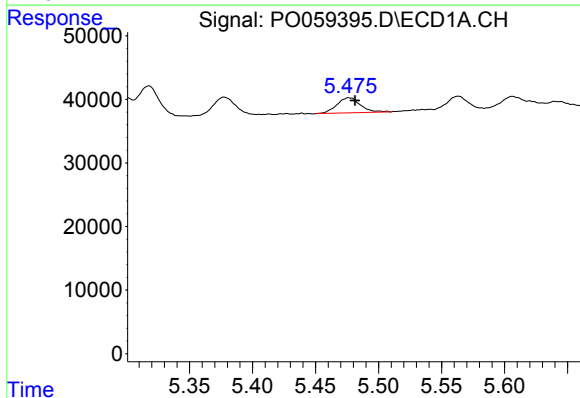
R.T.: 5.378 min
Delta R.T.: -0.006 min
Response: 38027
Conc: 25.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



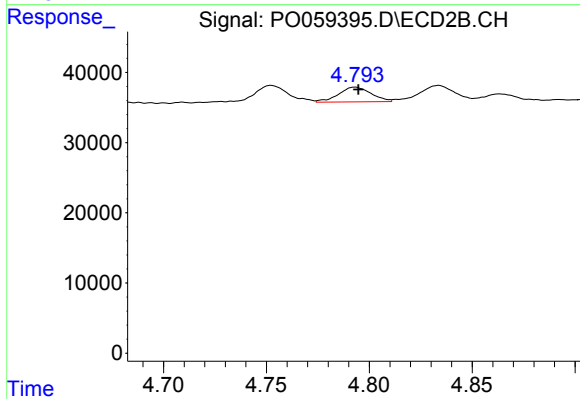
#5 AR-1016-3

R.T.: 4.752 min
Delta R.T.: -0.002 min
Response: 29748
Conc: 27.50 ng/ml



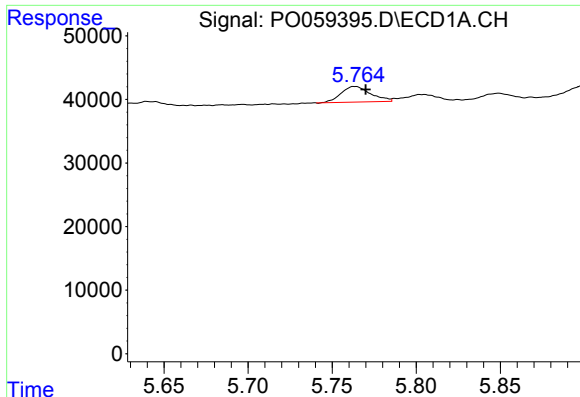
#6 AR-1016-4

R.T.: 5.477 min
Delta R.T.: -0.005 min
Response: 30828
Conc: 25.48 ng/ml



#6 AR-1016-4

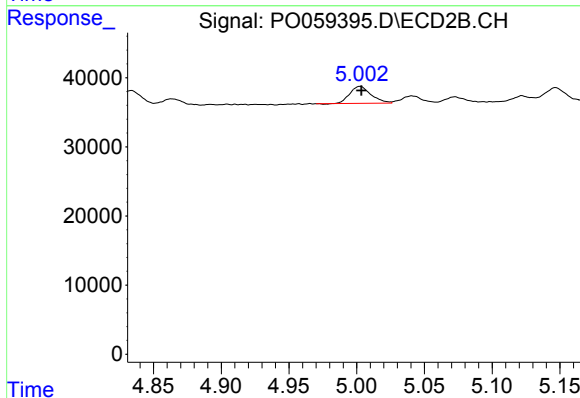
R.T.: 4.793 min
Delta R.T.: -0.002 min
Response: 23153
Conc: 25.64 ng/ml



#7 AR-1016-5

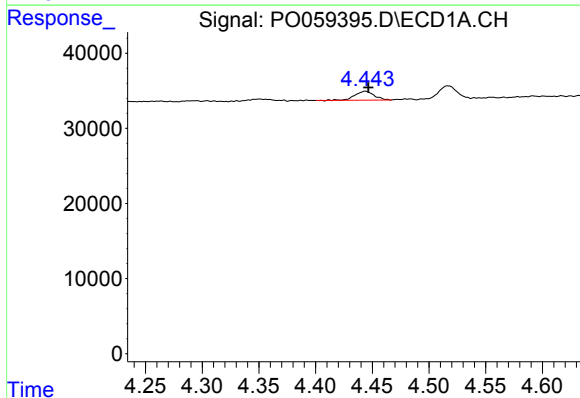
R.T.: 5.764 min
Delta R.T.: -0.006 min
Response: 30032
Conc: 23.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



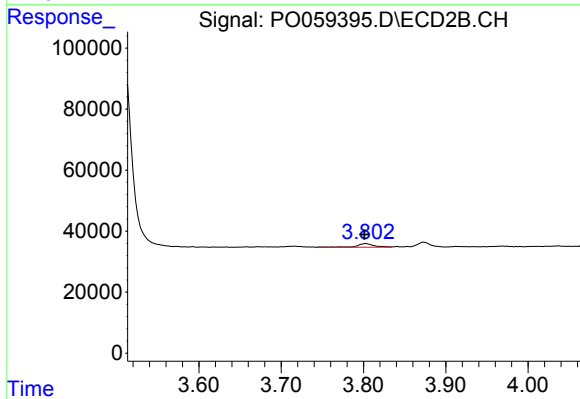
#7 AR-1016-5

R.T.: 5.003 min
Delta R.T.: -0.001 min
Response: 26726
Conc: 23.20 ng/ml



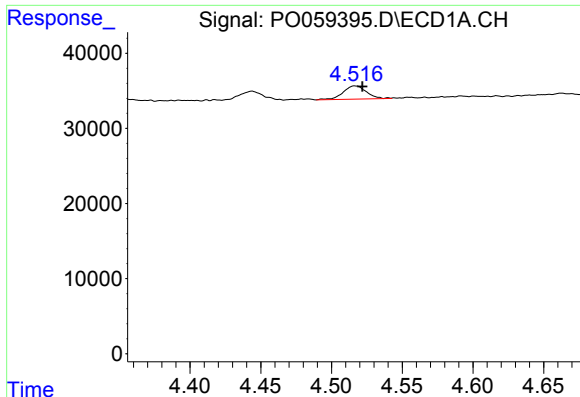
#9 AR-1221-2

R.T.: 4.444 min
Delta R.T.: -0.003 min
Response: 13976
Conc: 43.03 ng/ml



#9 AR-1221-2

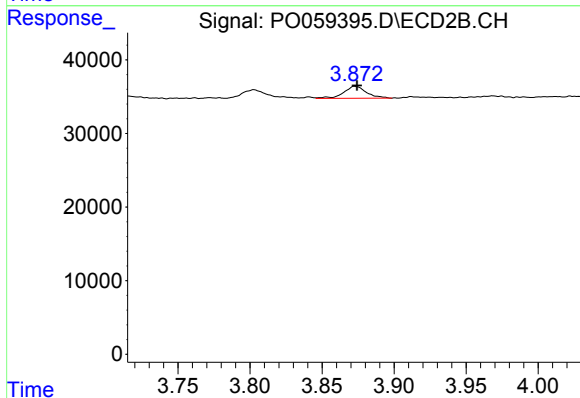
R.T.: 3.803 min
Delta R.T.: 0.002 min
Response: 16950
Conc: 55.64 ng/ml



#10 AR-1221-3

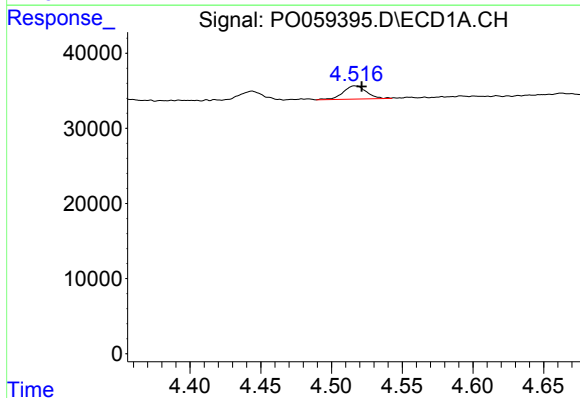
R.T.: 4.517 min
Delta R.T.: -0.005 min
Response: 20310
Conc: 19.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



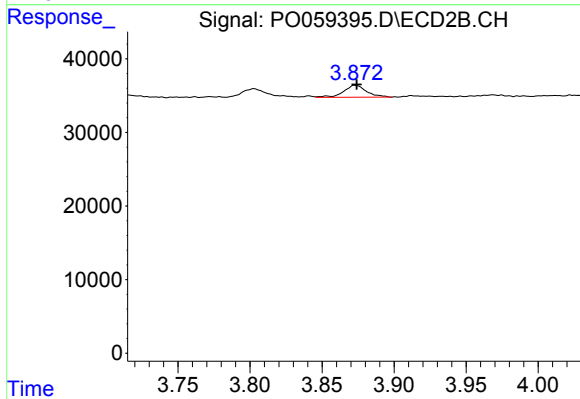
#10 AR-1221-3

R.T.: 3.873 min
Delta R.T.: -0.001 min
Response: 17941
Conc: 18.34 ng/ml



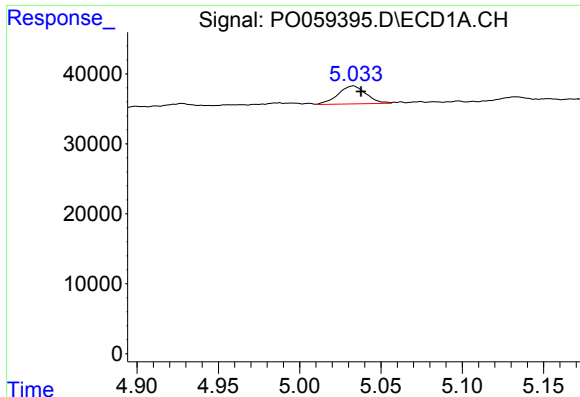
#11 AR-1232-1

R.T.: 4.517 min
Delta R.T.: -0.005 min
Response: 20310
Conc: 16.29 ng/ml



#11 AR-1232-1

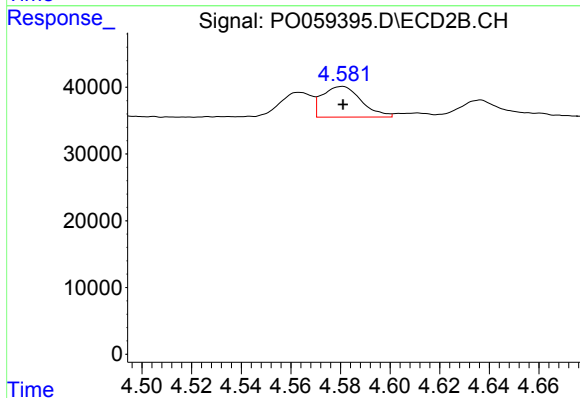
R.T.: 3.873 min
Delta R.T.: 0.000 min
Response: 17941
Conc: 15.74 ng/ml



#12 AR-1232-2

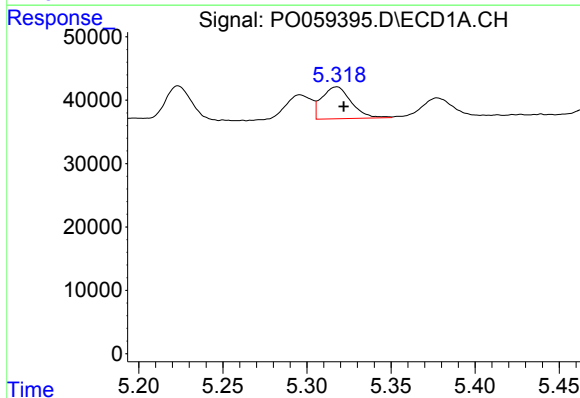
R.T.: 5.033 min
Delta R.T.: -0.005 min
Response: 30722
Conc: 43.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



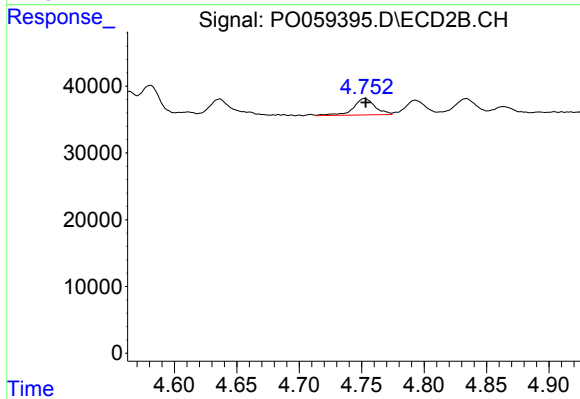
#12 AR-1232-2

R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 50185
Conc: 39.40 ng/ml



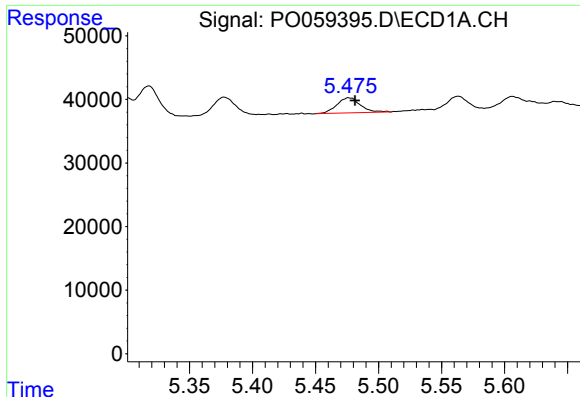
#13 AR-1232-3

R.T.: 5.318 min
Delta R.T.: -0.004 min
Response: 61588
Conc: 40.22 ng/ml



#13 AR-1232-3

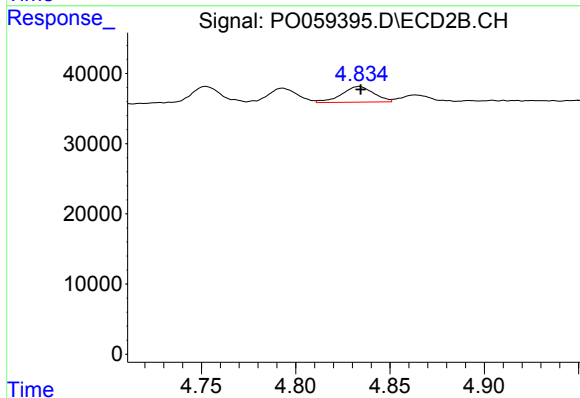
R.T.: 4.752 min
Delta R.T.: -0.001 min
Response: 29748
Conc: 43.69 ng/ml



#14 AR-1232-4

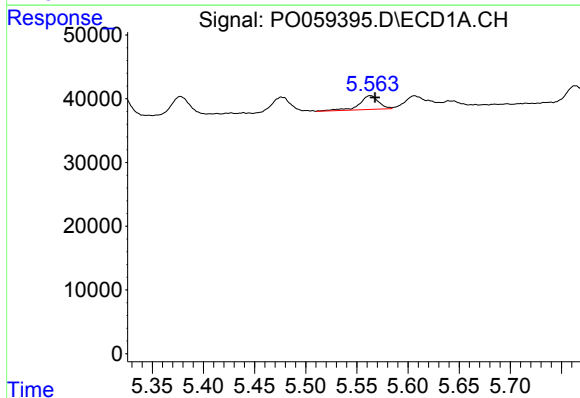
R.T.: 5.477 min
Delta R.T.: -0.005 min
Response: 30828
Conc: 39.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



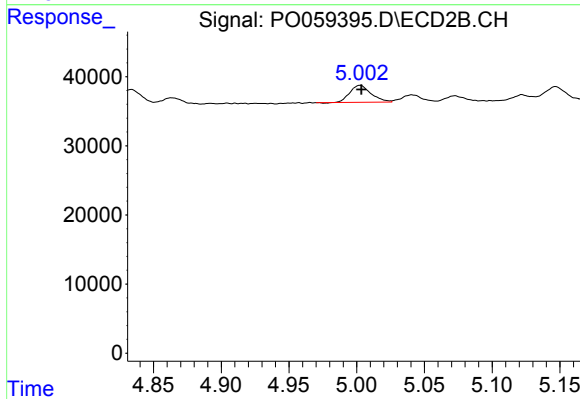
#14 AR-1232-4

R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 26679
Conc: 43.73 ng/ml



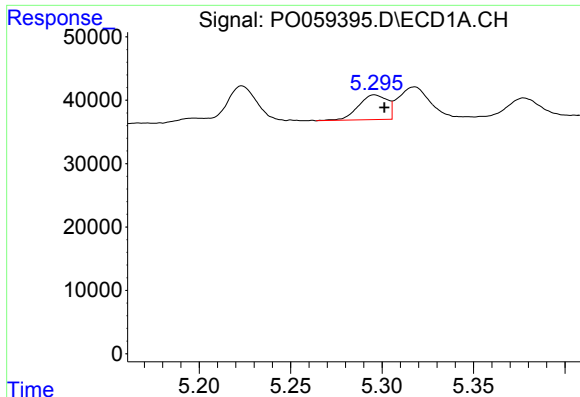
#15 AR-1232-5

R.T.: 5.563 min
Delta R.T.: -0.005 min
Response: 28168
Conc: 46.86 ng/ml



#15 AR-1232-5

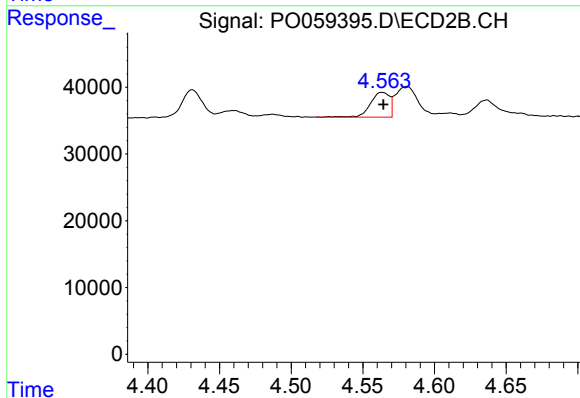
R.T.: 5.003 min
Delta R.T.: -0.001 min
Response: 26726
Conc: 39.26 ng/ml



#16 AR-1242-1

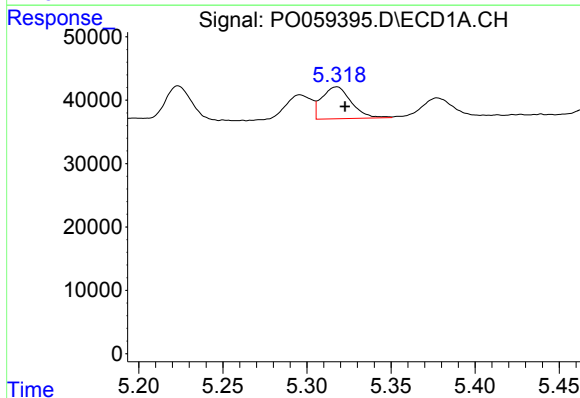
R.T.: 5.296 min
Delta R.T.: -0.005 min
Response: 42836
Conc: 33.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



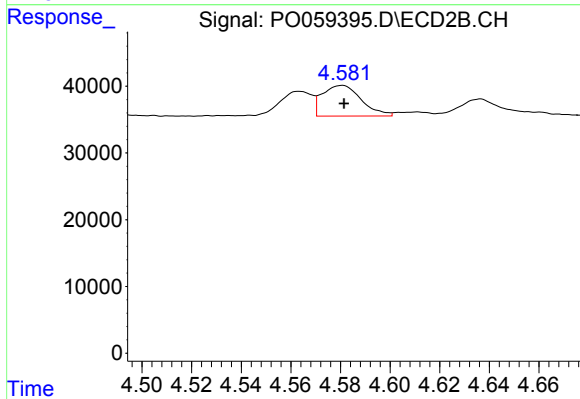
#16 AR-1242-1

R.T.: 4.564 min
Delta R.T.: 0.000 min
Response: 34428
Conc: 33.47 ng/ml



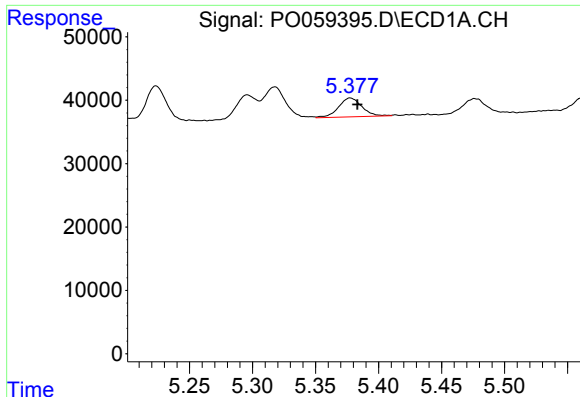
#17 AR-1242-2

R.T.: 5.318 min
Delta R.T.: -0.005 min
Response: 61588
Conc: 33.19 ng/ml



#17 AR-1242-2

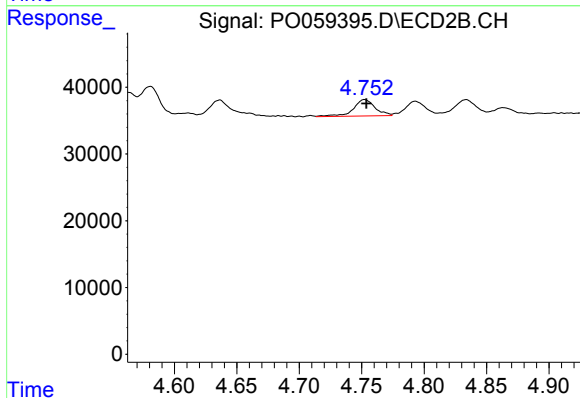
R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 50185
Conc: 32.95 ng/ml



#18 AR-1242-3

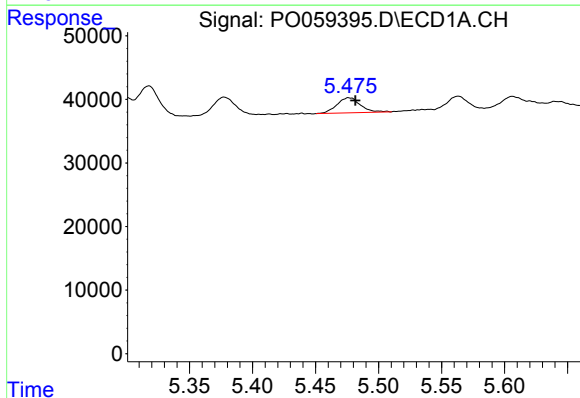
R.T.: 5.378 min
Delta R.T.: -0.006 min
Response: 38027
Conc: 32.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



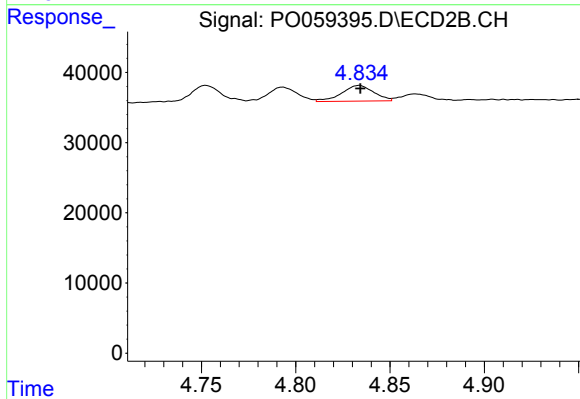
#18 AR-1242-3

R.T.: 4.752 min
Delta R.T.: -0.002 min
Response: 29748
Conc: 35.60 ng/ml



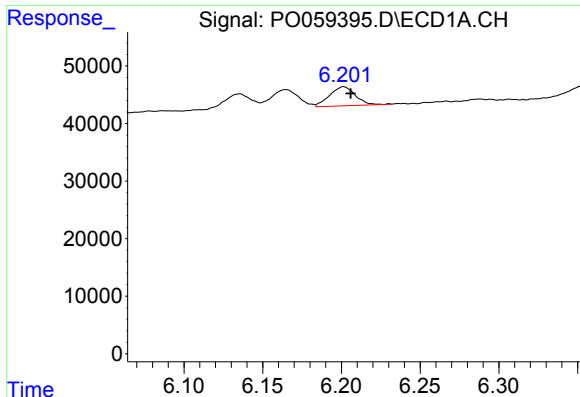
#19 AR-1242-4

R.T.: 5.477 min
Delta R.T.: -0.005 min
Response: 30828
Conc: 31.85 ng/ml



#19 AR-1242-4

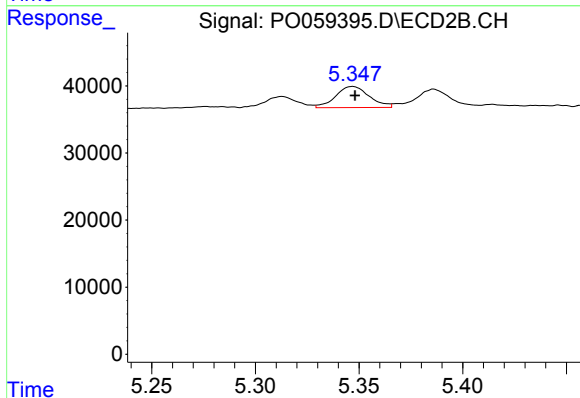
R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 26679
Conc: 31.97 ng/ml



#20 AR-1242-5

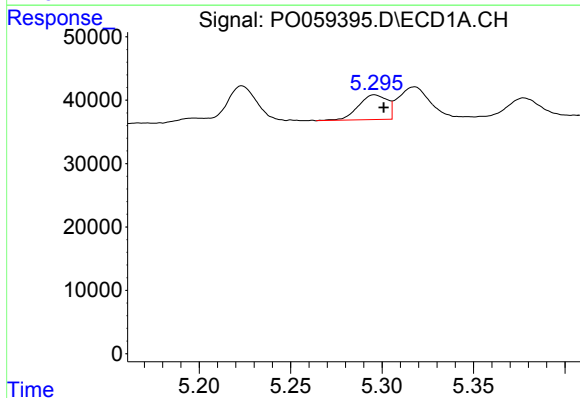
R.T.: 6.201 min
Delta R.T.: -0.004 min
Response: 37934
Conc: 30.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



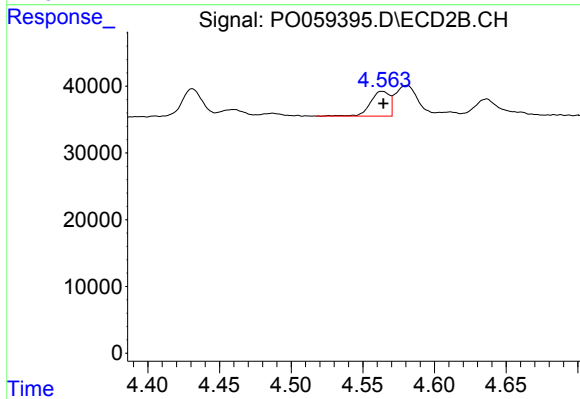
#20 AR-1242-5

R.T.: 5.347 min
Delta R.T.: -0.001 min
Response: 35602
Conc: 31.83 ng/ml



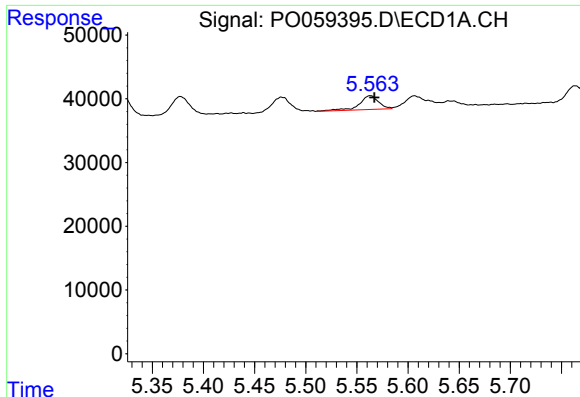
#21 AR-1248-1

R.T.: 5.296 min
Delta R.T.: -0.005 min
Response: 42836
Conc: 42.73 ng/ml



#21 AR-1248-1

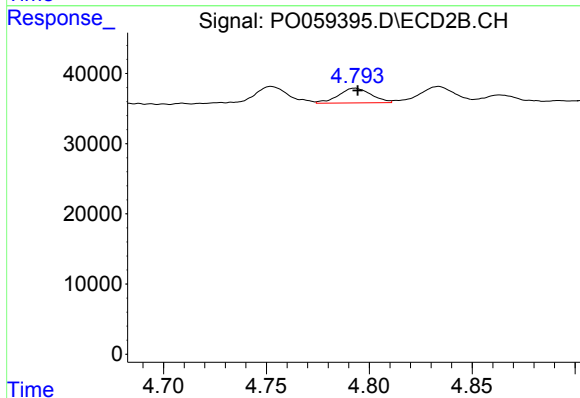
R.T.: 4.564 min
Delta R.T.: 0.000 min
Response: 34428
Conc: 41.58 ng/ml



#22 AR-1248-2

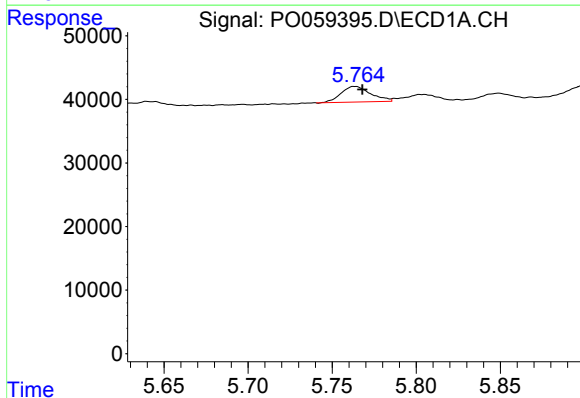
R.T.: 5.563 min
Delta R.T.: -0.004 min
Response: 28168
Conc: 19.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



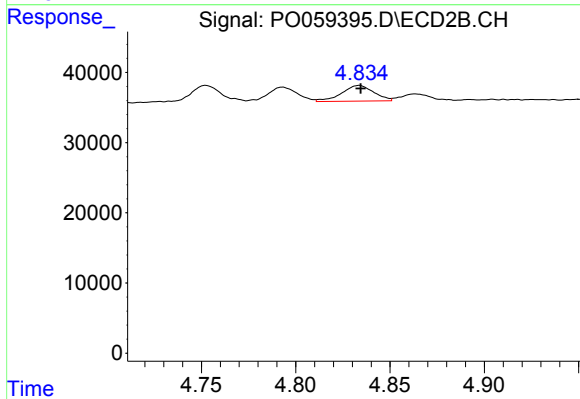
#22 AR-1248-2

R.T.: 4.793 min
Delta R.T.: -0.001 min
Response: 23153
Conc: 20.08 ng/ml



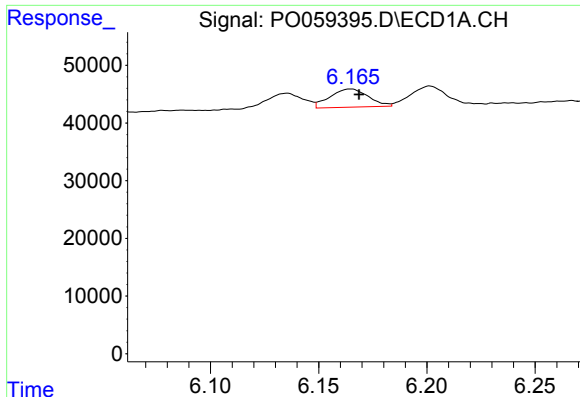
#23 AR-1248-3

R.T.: 5.764 min
Delta R.T.: -0.004 min
Response: 30032
Conc: 18.07 ng/ml



#23 AR-1248-3

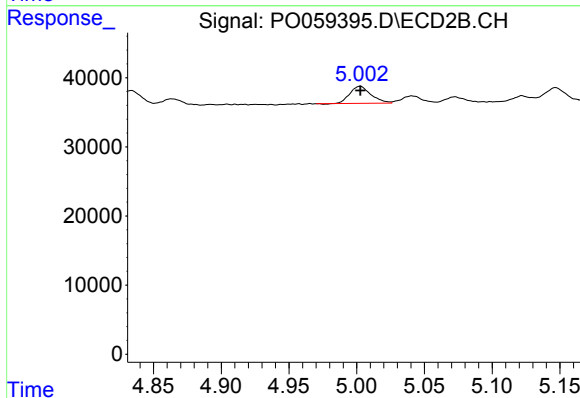
R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 26679
Conc: 22.46 ng/ml



#24 AR-1248-4

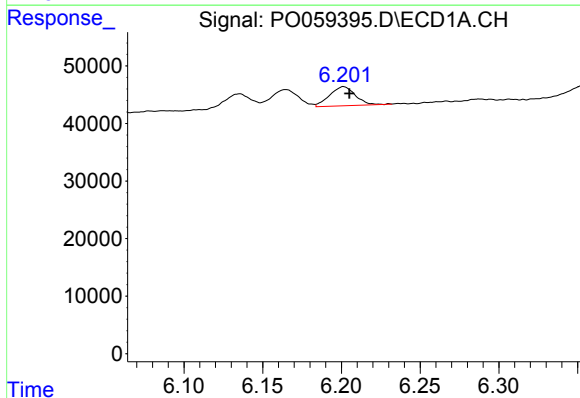
R.T.: 6.165 min
Delta R.T.: -0.004 min
Response: 38825
Conc: 18.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



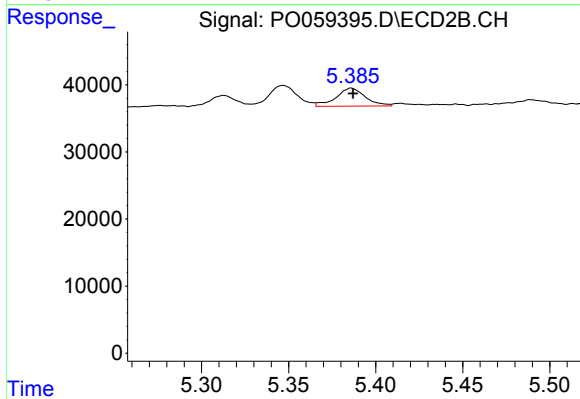
#24 AR-1248-4

R.T.: 5.003 min
Delta R.T.: 0.000 min
Response: 26726
Conc: 18.39 ng/ml



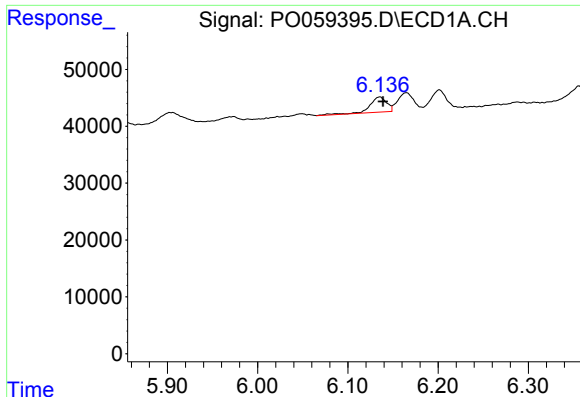
#25 AR-1248-5

R.T.: 6.201 min
Delta R.T.: -0.004 min
Response: 37934
Conc: 19.13 ng/ml



#25 AR-1248-5

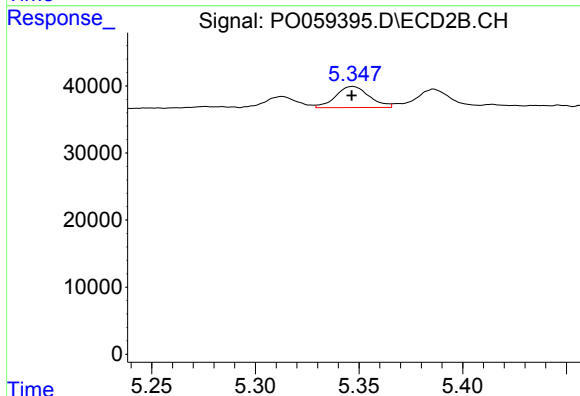
R.T.: 5.386 min
Delta R.T.: 0.000 min
Response: 31690
Conc: 22.14 ng/ml



#26 AR-1254-1

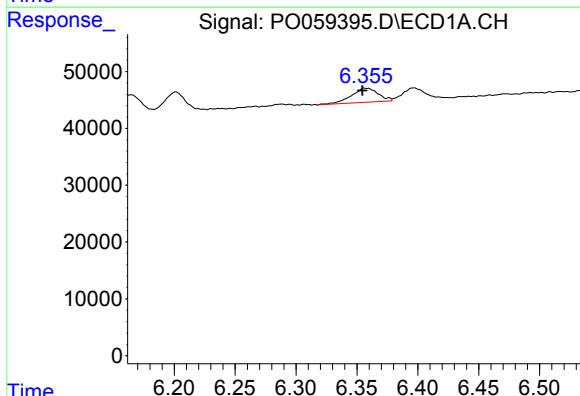
R.T.: 6.135 min
Delta R.T.: -0.004 min
Response: 35492
Conc: 17.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



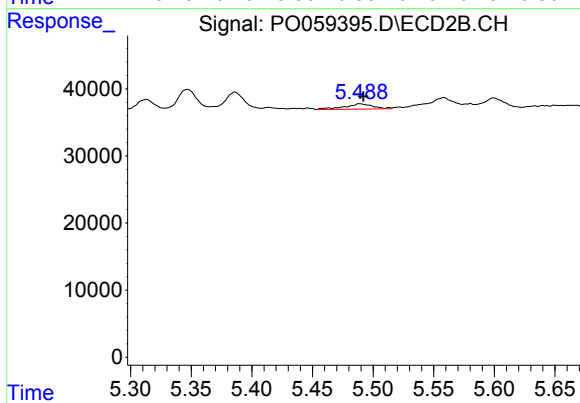
#26 AR-1254-1

R.T.: 5.347 min
Delta R.T.: 0.000 min
Response: 35602
Conc: 15.01 ng/ml



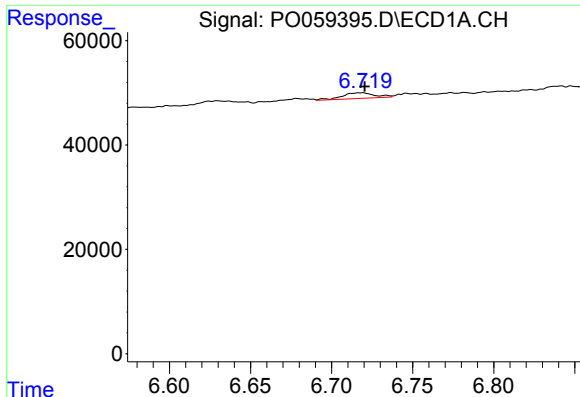
#27 AR-1254-2

R.T.: 6.357 min
Delta R.T.: 0.003 min
Response: 38361
Conc: 11.50 ng/ml



#27 AR-1254-2

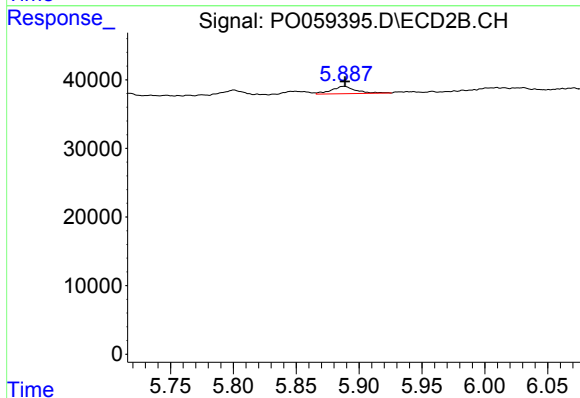
R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 12831
Conc: 6.12 ng/ml



#28 AR-1254-3

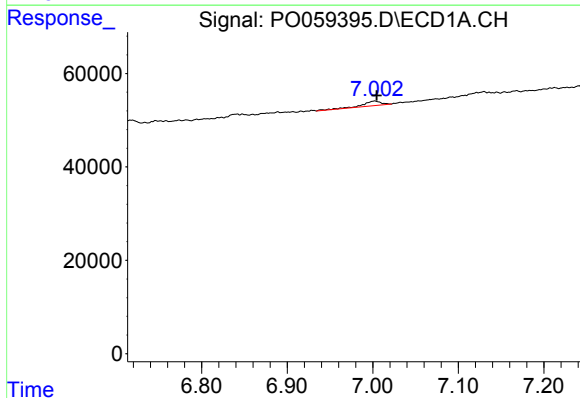
R.T.: 6.718 min
Delta R.T.: -0.002 min
Response: 15040
Conc: 4.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



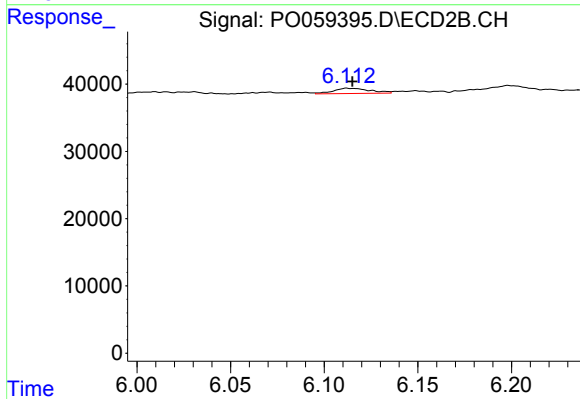
#28 AR-1254-3

R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 14651
Conc: 4.36 ng/ml



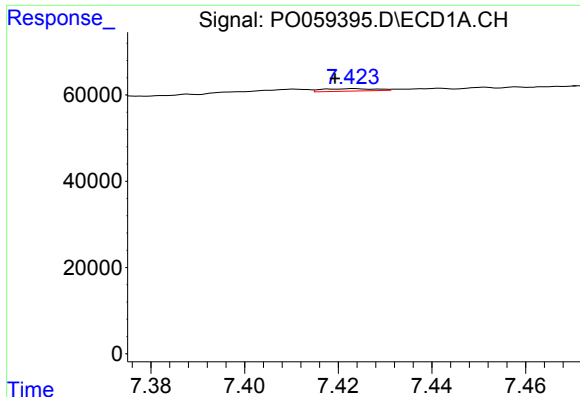
#29 AR-1254-4

R.T.: 7.002 min
Delta R.T.: -0.002 min
Response: 15085
Conc: 5.12 ng/ml



#29 AR-1254-4

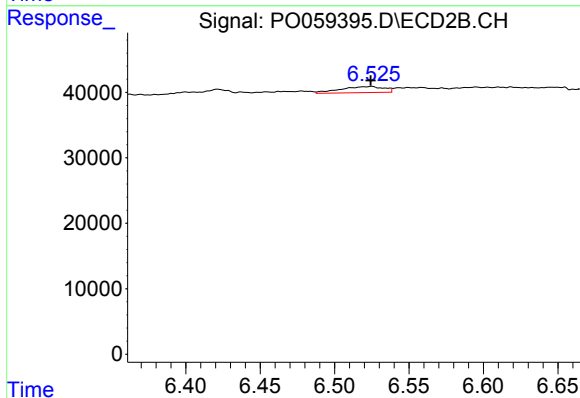
R.T.: 6.113 min
Delta R.T.: -0.002 min
Response: 10454
Conc: 5.07 ng/ml



#30 AR-1254-5

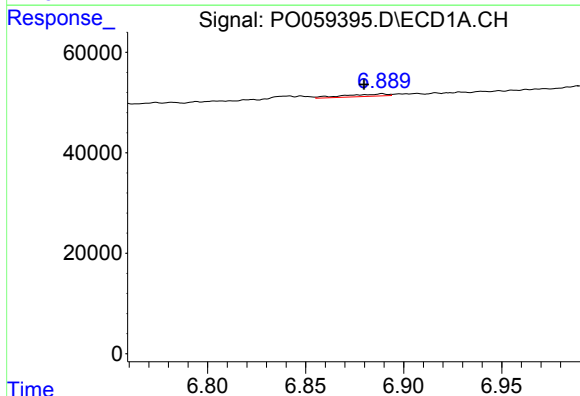
R.T.: 7.423 min
Delta R.T.: 0.004 min
Response: 4594
Conc: 1.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



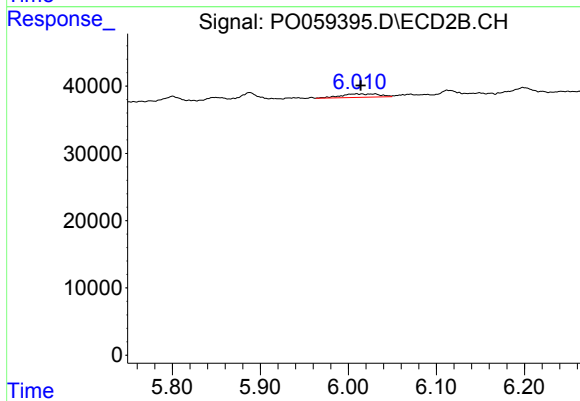
#30 AR-1254-5

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 18915
Conc: 6.09 ng/ml



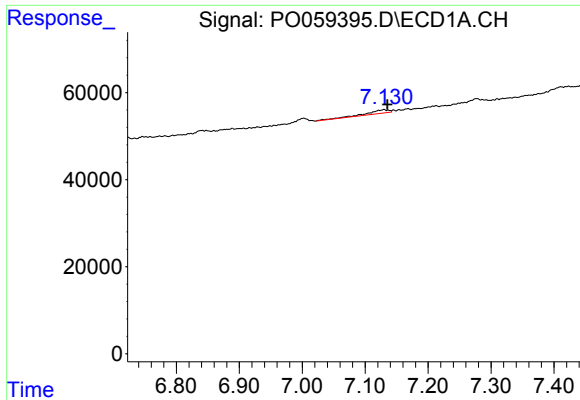
#31 AR-1260-1

R.T.: 6.889 min
Delta R.T.: 0.009 min
Response: 7159
Conc: 2.66 ng/ml



#31 AR-1260-1

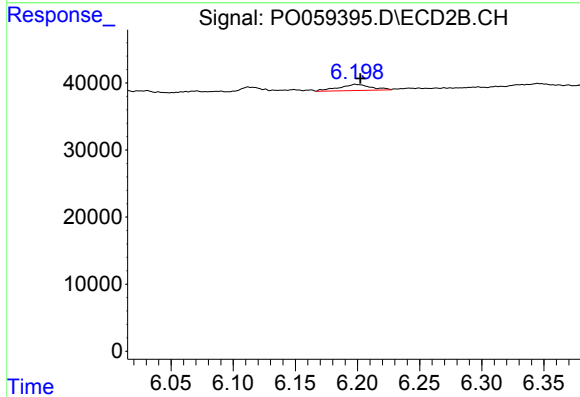
R.T.: 6.009 min
Delta R.T.: -0.005 min
Response: 15887
Conc: 6.97 ng/ml



#32 AR-1260-2

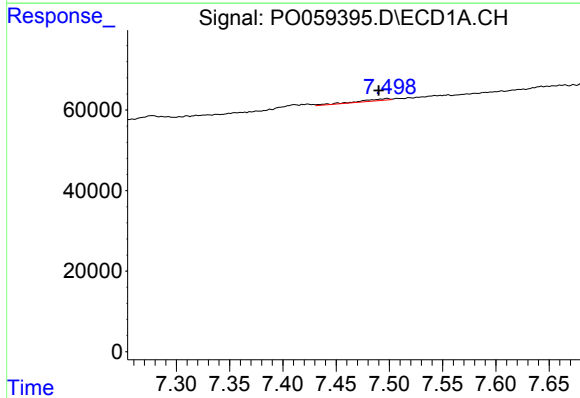
R.T.: 7.130 min
Delta R.T.: -0.006 min
Response: 20349
Conc: 5.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



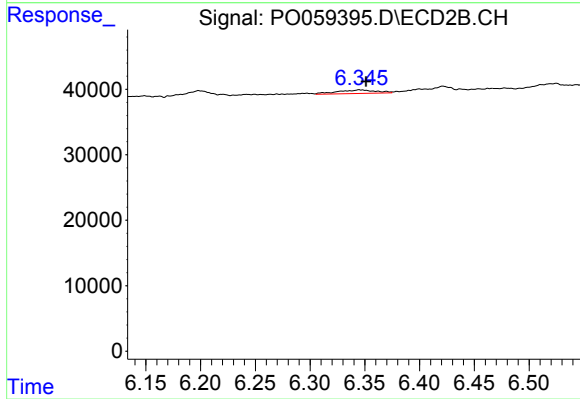
#32 AR-1260-2

R.T.: 6.199 min
Delta R.T.: -0.003 min
Response: 16565
Conc: 5.65 ng/ml



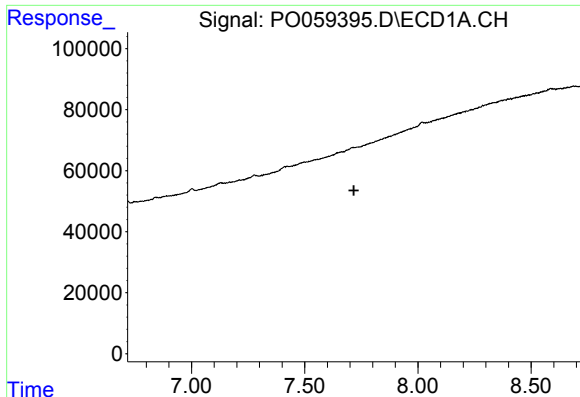
#33 AR-1260-3

R.T.: 7.498 min
Delta R.T.: 0.008 min
Response: 9562
Conc: 2.92 ng/ml



#33 AR-1260-3

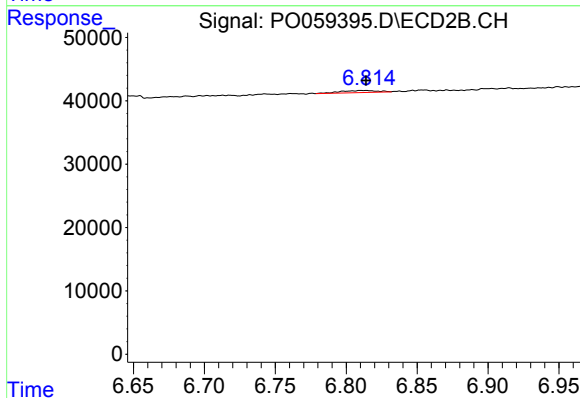
R.T.: 6.345 min
Delta R.T.: -0.006 min
Response: 13344
Conc: 5.04 ng/ml



#34 AR-1260-4

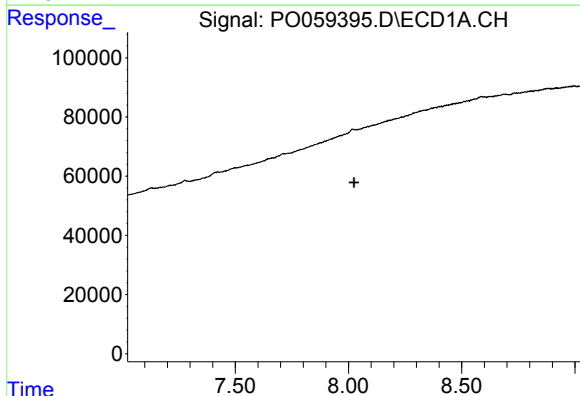
R.T.: 0.000 min
Exp R.T.: 7.717 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



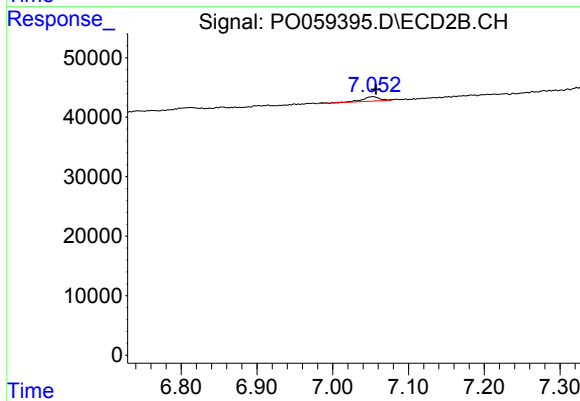
#34 AR-1260-4

R.T.: 6.813 min
Delta R.T.: 0.000 min
Response: 6241
Conc: 2.76 ng/ml



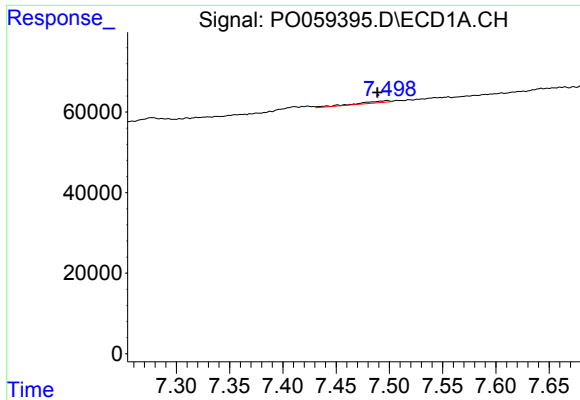
#35 AR-1260-5

R.T.: 8.019 min
Delta R.T.: -0.005 min
Response: -16724
Conc: N.D.



#35 AR-1260-5

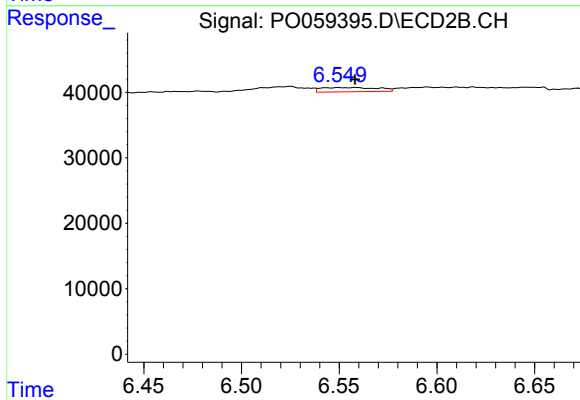
R.T.: 7.053 min
Delta R.T.: -0.004 min
Response: 12559
Conc: 2.28 ng/ml



#36 AR-1262-1

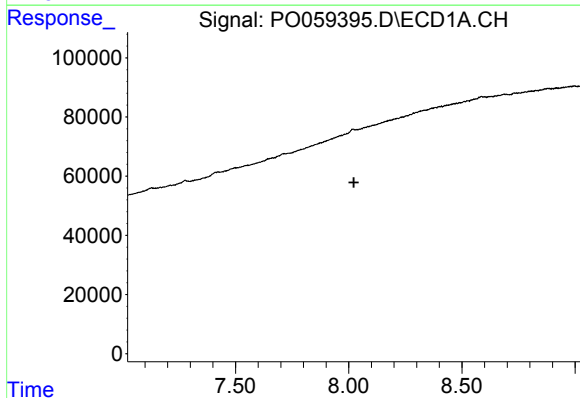
R.T.: 7.498 min
Delta R.T.: 0.009 min
Response: 9562
Conc: 1.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



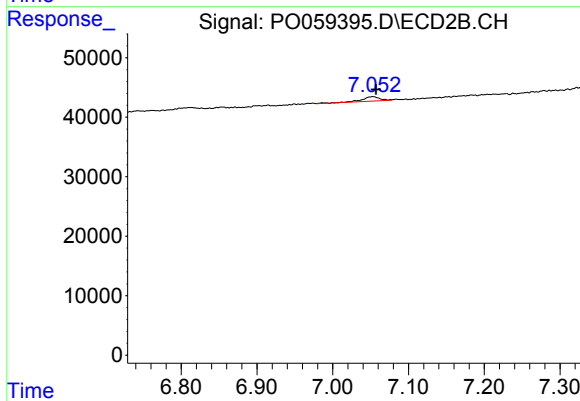
#36 AR-1262-1

R.T.: 6.559 min
Delta R.T.: 0.000 min
Response: 13333
Conc: 3.58 ng/ml



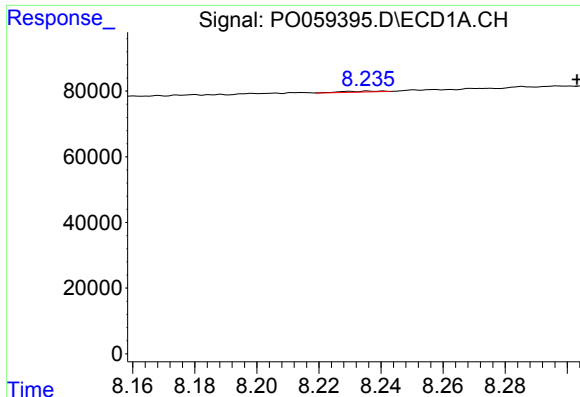
#37 AR-1262-2

R.T.: 8.019 min
Delta R.T.: -0.004 min
Response: -16724
Conc: N.D.



#37 AR-1262-2

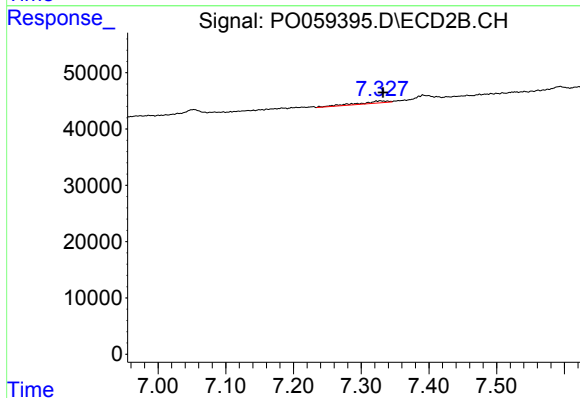
R.T.: 7.053 min
Delta R.T.: -0.004 min
Response: 12559
Conc: 2.14 ng/ml



#38 AR-1262-3

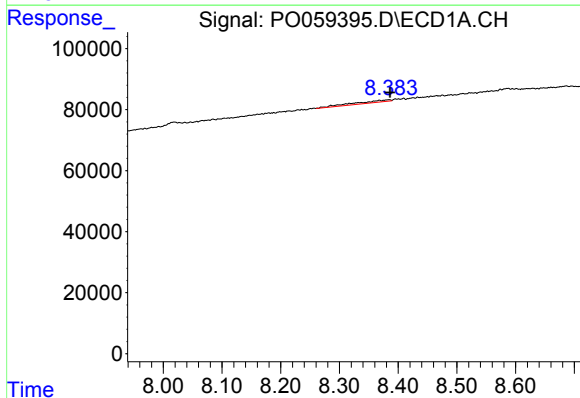
R.T.: 8.236 min
Delta R.T.: -0.067 min
Response: 2613
Conc: 0.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



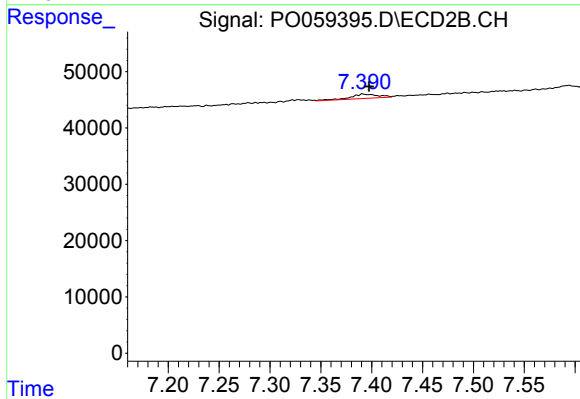
#38 AR-1262-3

R.T.: 7.328 min
Delta R.T.: -0.004 min
Response: 11440
Conc: 4.50 ng/ml



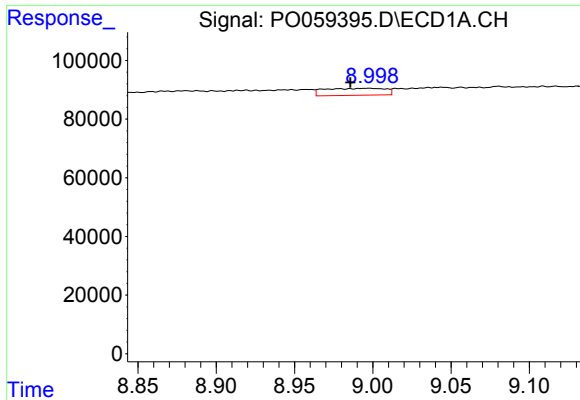
#39 AR-1262-4

R.T.: 8.384 min
Delta R.T.: -0.002 min
Response: 29346
Conc: 7.61 ng/ml



#39 AR-1262-4

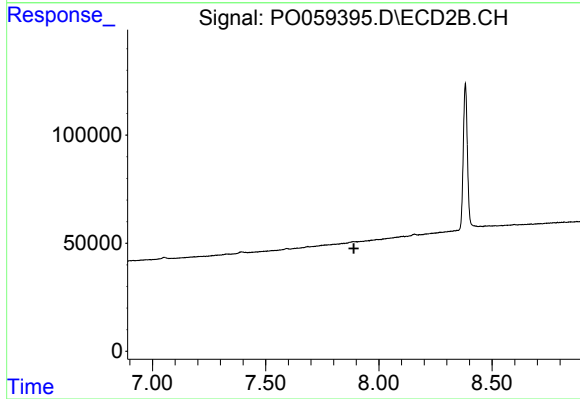
R.T.: 7.392 min
Delta R.T.: -0.006 min
Response: 14495
Conc: 3.28 ng/ml



#40 AR-1262-5

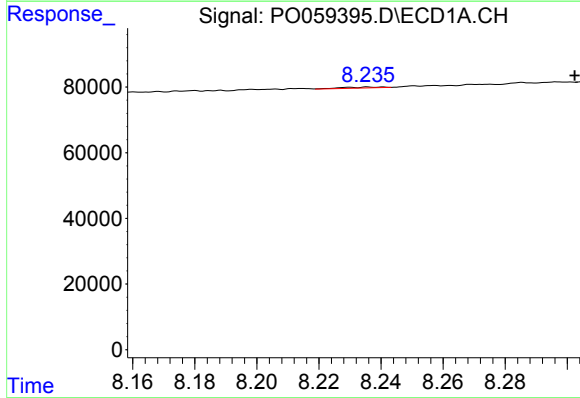
R.T.: 8.997 min
Delta R.T.: 0.012 min
Response: 63668
Conc: 24.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



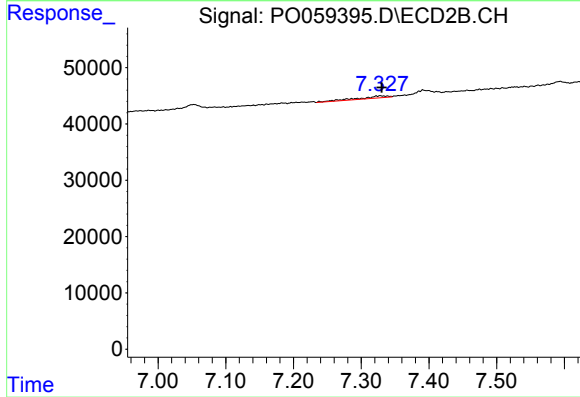
#40 AR-1262-5

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



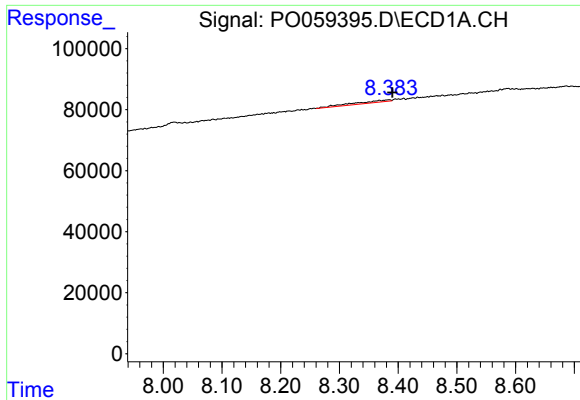
#41 AR-1268-1

R.T.: 8.236 min
Delta R.T.: -0.066 min
Response: 2613
Conc: 0.28 ng/ml



#41 AR-1268-1

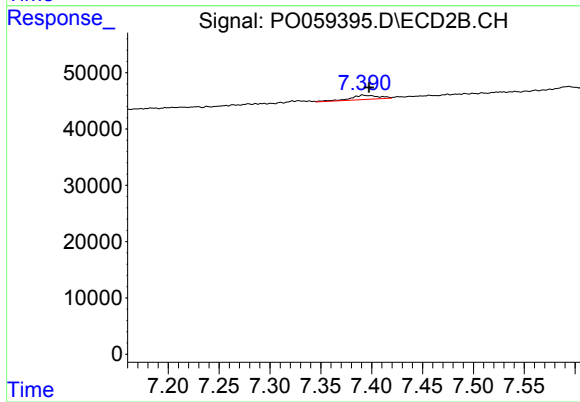
R.T.: 7.328 min
Delta R.T.: -0.002 min
Response: 11440
Conc: 1.61 ng/ml



#42 AR-1268-2

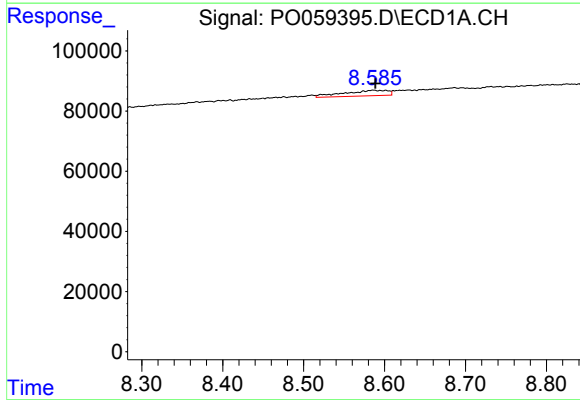
R.T.: 8.384 min
Delta R.T.: -0.006 min
Response: 29346
Conc: 3.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



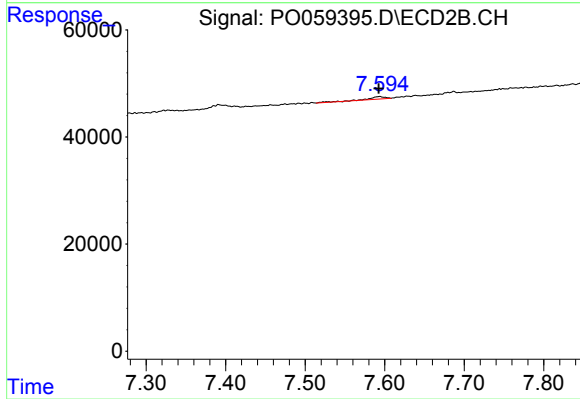
#42 AR-1268-2

R.T.: 7.392 min
Delta R.T.: -0.006 min
Response: 14495
Conc: 2.25 ng/ml



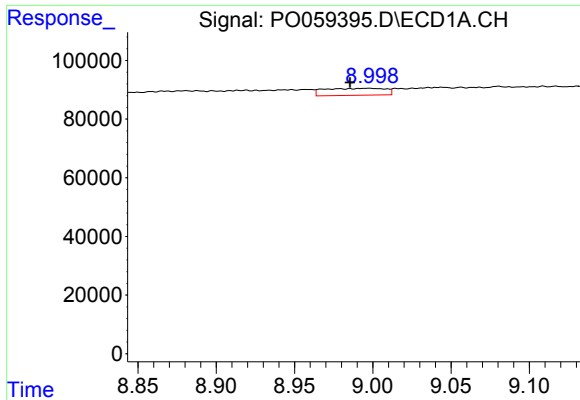
#43 AR-1268-3

R.T.: 8.587 min
Delta R.T.: -0.002 min
Response: 69760
Conc: 9.90 ng/ml



#43 AR-1268-3

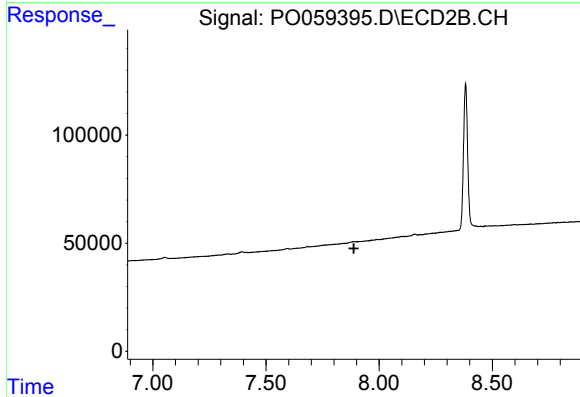
R.T.: 7.594 min
Delta R.T.: 0.001 min
Response: 6799
Conc: 1.24 ng/ml



#44 AR-1268-4

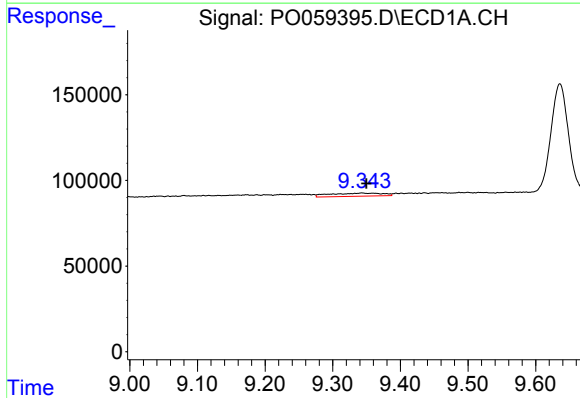
R.T.: 8.997 min
Delta R.T.: 0.012 min
Response: 63668
Conc: 22.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



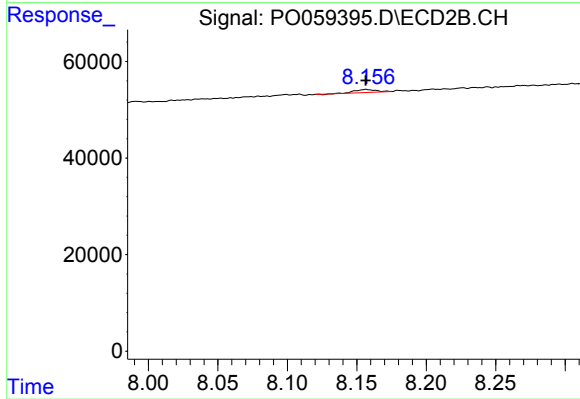
#44 AR-1268-4

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



#45 AR-1268-5

R.T.: 9.343 min
Delta R.T.: -0.006 min
Response: 99103
Conc: 5.37 ng/ml



#45 AR-1268-5

R.T.: 8.157 min
Delta R.T.: 0.000 min
Response: 6491
Conc: 0.45 ng/ml