

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0041319\
 Data File : P0055282.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 13 Apr 2019 12:17
 Operator : SM/SJ
 Sample : K2381-02RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 15 00:41:48 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0032519.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Mar 25 17:22:26 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...	4.296	3.608	48025	45114	1.384	1.414
2)	SA Decachlor...	9.908	8.572	54743	53133	1.110	1.668 #
Target Compounds							
3)	L1 AR-1016-1	5.517	4.731	101341	23301	56.319	14.734 #
4)	L1 AR-1016-2	5.517	4.731	101341	23301	40.803	10.874 #
5)	L1 AR-1016-3	5.541	4.928	74514	52712	47.363	43.628
6)	L1 AR-1016-4	5.664	4.928	48719	52712	37.388	52.163 #
7)	L1 AR-1016-5	5.935	5.140	-379	29860	N.D.	22.909 #
8)	L2 AR-1221-1	4.543	3.847	18172	15405	41.625	39.622
9)	L2 AR-1221-2	4.564	3.911	28450	10131	83.895	33.793 #
10)	L2 AR-1221-3	4.652	4.011	28934	49352	27.854	53.540 #
11)	L3 AR-1232-1	4.695	4.011	32085	49352	37.267	65.813 #
12)	L3 AR-1232-2	5.203	4.731	252251	23301	515.707	27.059 #
13)	L3 AR-1232-3	5.517	4.928	101341	52712	103.695	108.783
14)	L3 AR-1232-4	5.664	4.986	48719	43628	95.181	99.290
15)	L3 AR-1232-5	0.000	5.140	0	29860	N.D.	61.394 #
16)	L4 AR-1242-1	5.517	4.731	101341	23301	72.945	18.979 #
17)	L4 AR-1242-2	5.517	4.731	101341	23301	52.962	14.060 #
18)	L4 AR-1242-3	5.541	4.928	74514	52712	60.118	55.643
19)	L4 AR-1242-4	5.664	4.986	48719	43628	47.785	45.648
20)	L4 AR-1242-5	6.369	5.505	26607	18742	22.041	15.239 #
21)	L5 AR-1248-1	5.517	4.731	101341	23301	101.374	26.545 #
22)	L5 AR-1248-2	0.000	4.928	0	52712	N.D.	43.616 #
23)	L5 AR-1248-3	5.935	4.986	-379	43628	N.D.	34.964 #
24)	L5 AR-1248-4	6.336	5.140	28546	29860	15.196	19.606 #
25)	L5 AR-1248-5	6.369	5.505	26607	18742	14.841	12.571
26)	L6 AR-1254-1	6.310	5.505	24739	18742	13.644	8.576 #
27)	L6 AR-1254-2	6.524	5.626	40813	42133	14.297	21.730 #
28)	L6 AR-1254-3	6.897	6.043	119701	87056	38.064	27.157 #
29)	L6 AR-1254-4	7.178	6.285	90314	21111	36.918	10.782 #
30)	L6 AR-1254-5	7.590	6.706	125692	103683	46.895	36.067
31)	L7 AR-1260-1	7.049	6.156	70430	80658	28.030	35.098 #
32)	L7 AR-1260-2	7.308	6.339	119698	189919	38.568	68.992 #
33)	L7 AR-1260-3	7.664	6.496	75918	120484	30.932	46.737 #
34)	L7 AR-1260-4	7.890	7.003	105709	236697	38.217	111.221 #
35)	L7 AR-1260-5	8.198	7.204	197311	803317	35.560	167.732 #
36)	L8 AR-1262-1	7.664	6.706	75918	103683	22.784	34.852 #
37)	L8 AR-1262-2	8.198	7.204	197311	803317	33.305	163.904 #
38)	L8 AR-1262-3	8.512	7.485	3508182	94812	846.815	46.172 #
39)	L8 AR-1262-4	0.000	7.595	0	52492	N.D.	14.492 #
40)	L8 AR-1262-5	9.204	8.090	54241	34750	24.810	21.532
41)	L9 AR-1268-1	8.512	7.485	3508182	94812	492.896	16.769 #

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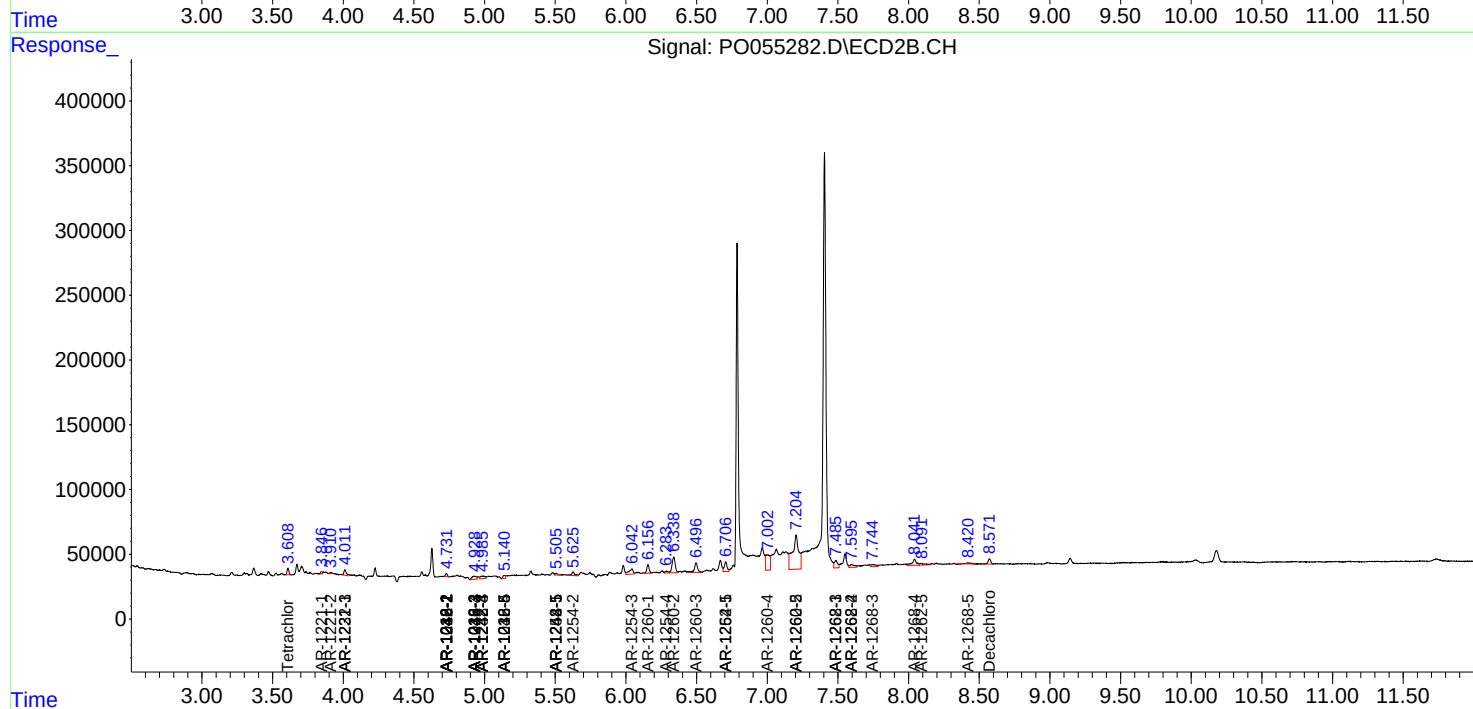
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

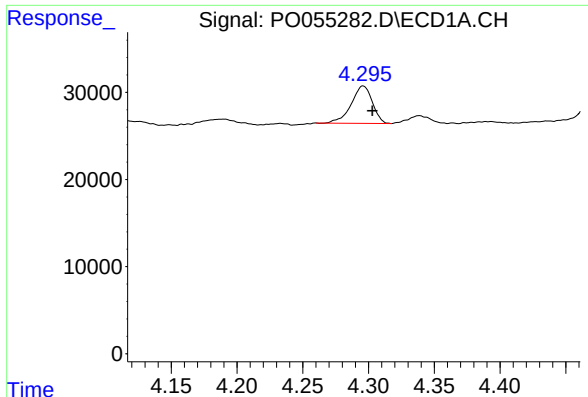
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.595	0	52492	N.D.	10.150 #
43) L9	AR-1268-3	0.000	7.744	0	41236	N.D.	9.582 #
44) L9	AR-1268-4	9.204	8.041	54241	104101	22.735	56.154 #
45) L9	AR-1268-5	9.591	8.421	14496	15131	0.880	1.329 #

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

Instrument :
ECD_O
ClientSampleId :

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

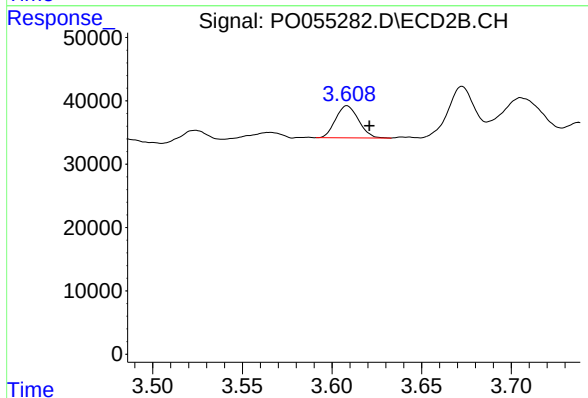




#1 Tetrachloro-m-xylene

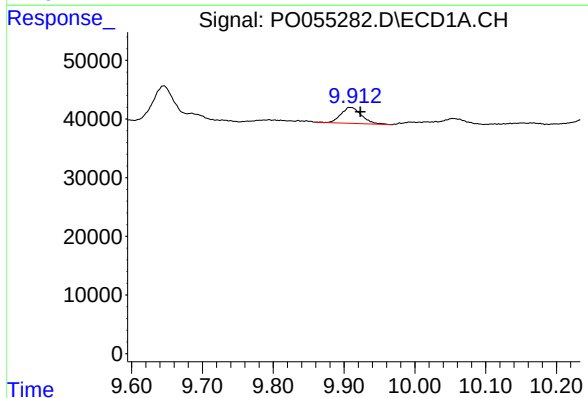
R.T.: 4.296 min
Delta R.T.: -0.007 min
Response: 48025
Conc: 1.38 ng/ml

Instrument :
ECD_O
ClientSampleId :



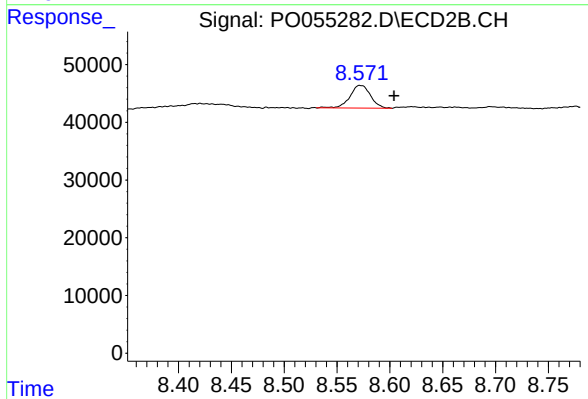
#1 Tetrachloro-m-xylene

R.T.: 3.608 min
Delta R.T.: -0.013 min
Response: 45114
Conc: 1.41 ng/ml



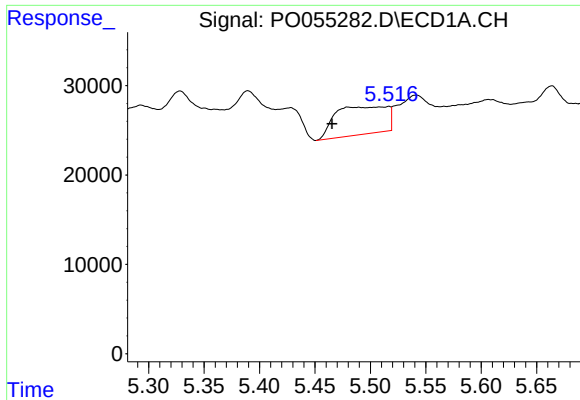
#2 Decachlorobiphenyl

R.T.: 9.908 min
Delta R.T.: -0.015 min
Response: 54743
Conc: 1.11 ng/ml



#2 Decachlorobiphenyl

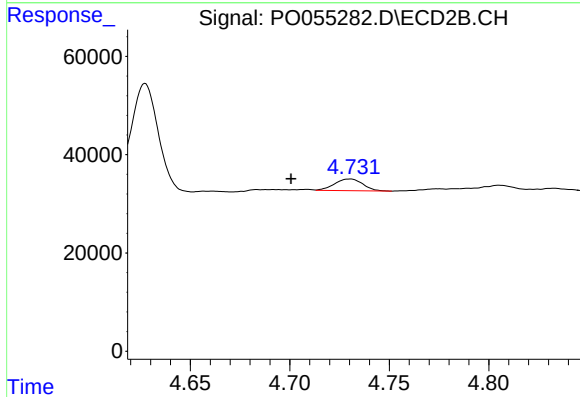
R.T.: 8.572 min
Delta R.T.: -0.032 min
Response: 53133
Conc: 1.67 ng/ml



#3 AR-1016-1

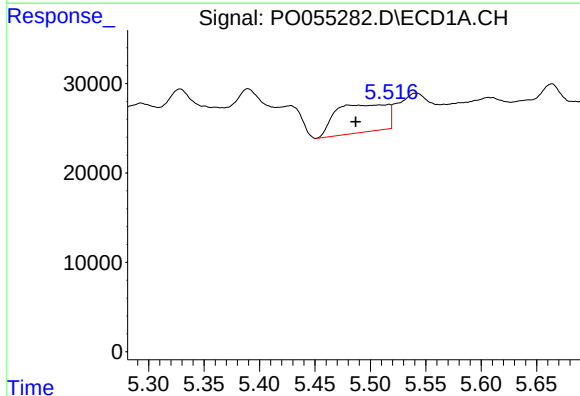
R.T.: 5.517 min
Delta R.T.: 0.052 min
Response: 101341
Conc: 56.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



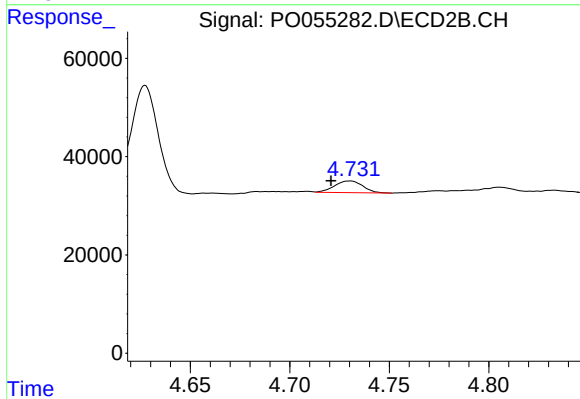
#3 AR-1016-1

R.T.: 4.731 min
Delta R.T.: 0.030 min
Response: 23301
Conc: 14.73 ng/ml



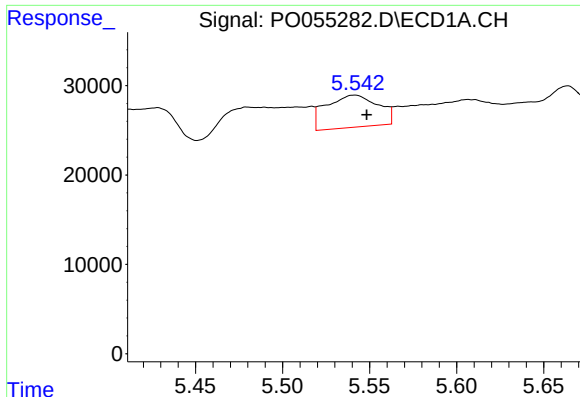
#4 AR-1016-2

R.T.: 5.517 min
Delta R.T.: 0.030 min
Response: 101341
Conc: 40.80 ng/ml



#4 AR-1016-2

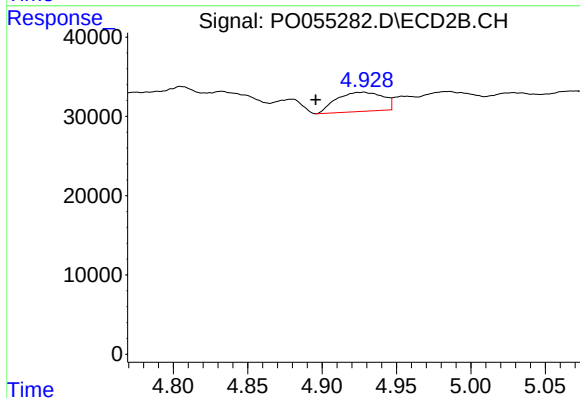
R.T.: 4.731 min
Delta R.T.: 0.010 min
Response: 23301
Conc: 10.87 ng/ml



#5 AR-1016-3

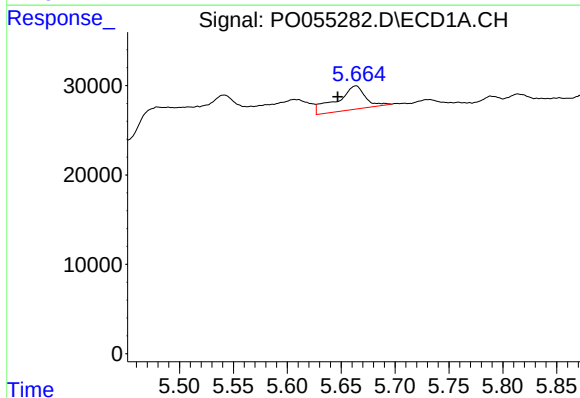
R.T.: 5.541 min
Delta R.T.: -0.007 min
Response: 74514
Conc: 47.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



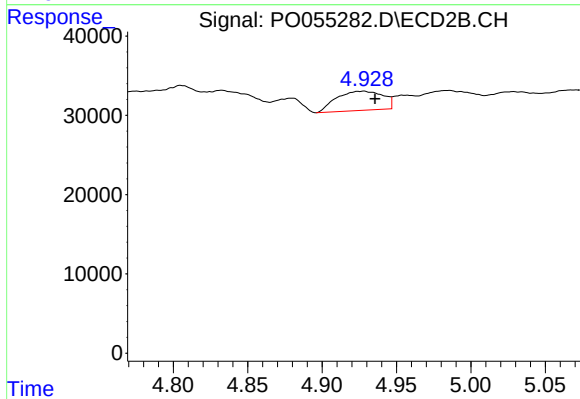
#5 AR-1016-3

R.T.: 4.928 min
Delta R.T.: 0.033 min
Response: 52712
Conc: 43.63 ng/ml



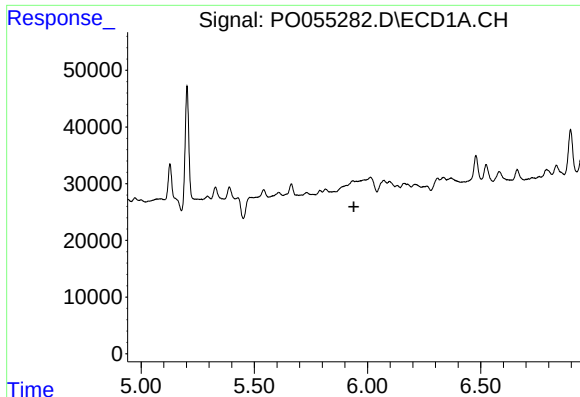
#6 AR-1016-4

R.T.: 5.664 min
Delta R.T.: 0.017 min
Response: 48719
Conc: 37.39 ng/ml



#6 AR-1016-4

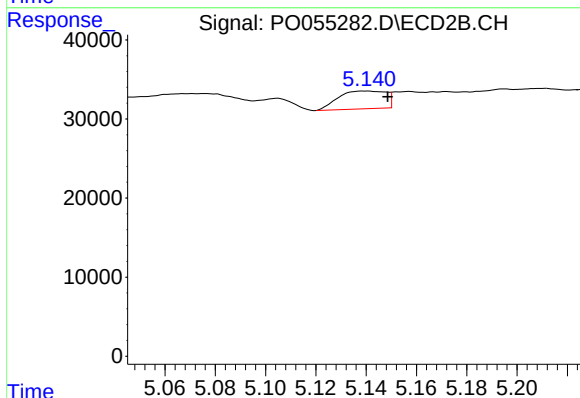
R.T.: 4.928 min
Delta R.T.: -0.007 min
Response: 52712
Conc: 52.16 ng/ml



#7 AR-1016-5

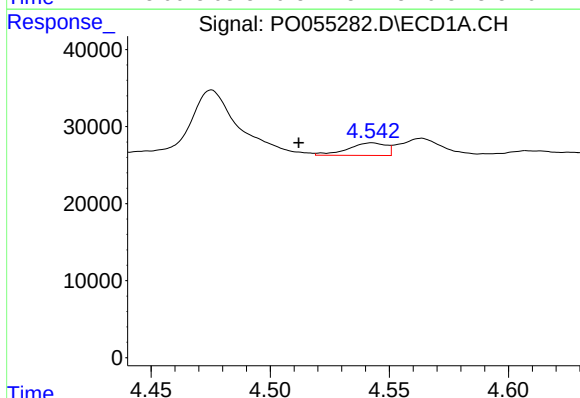
R.T.: 5.935 min
Delta R.T.: -0.004 min
Response: -379
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



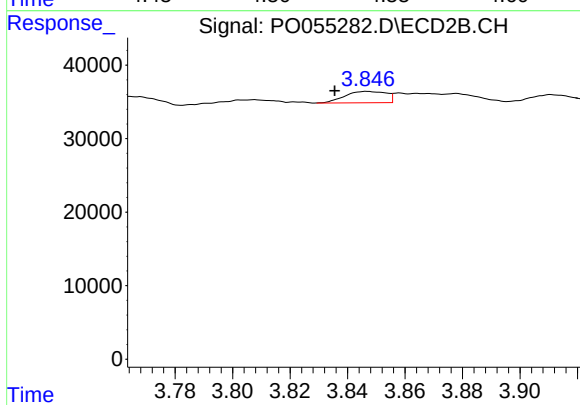
#7 AR-1016-5

R.T.: 5.140 min
Delta R.T.: -0.009 min
Response: 29860
Conc: 22.91 ng/ml



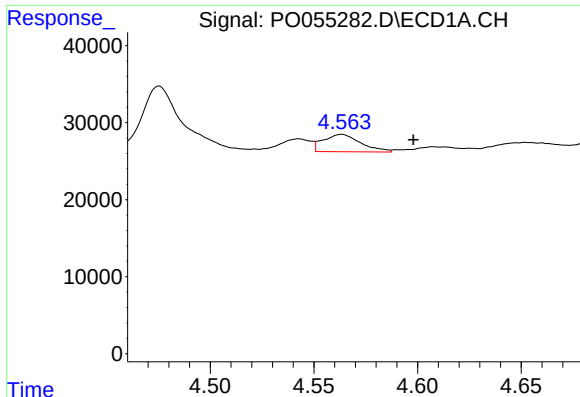
#8 AR-1221-1

R.T.: 4.543 min
Delta R.T.: 0.031 min
Response: 18172
Conc: 41.62 ng/ml



#8 AR-1221-1

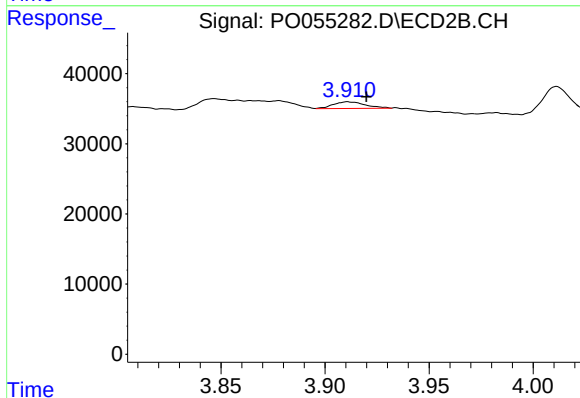
R.T.: 3.847 min
Delta R.T.: 0.011 min
Response: 15405
Conc: 39.62 ng/ml



#9 AR-1221-2

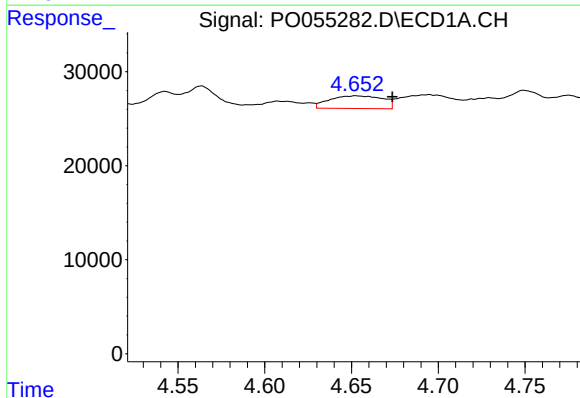
R.T.: 4.564 min
Delta R.T.: -0.034 min
Response: 28450
Conc: 83.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



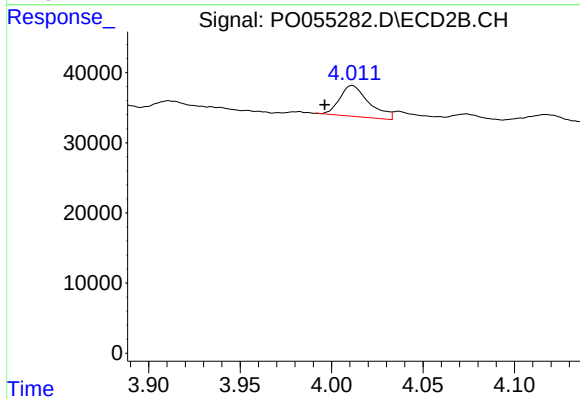
#9 AR-1221-2

R.T.: 3.911 min
Delta R.T.: -0.009 min
Response: 10131
Conc: 33.79 ng/ml



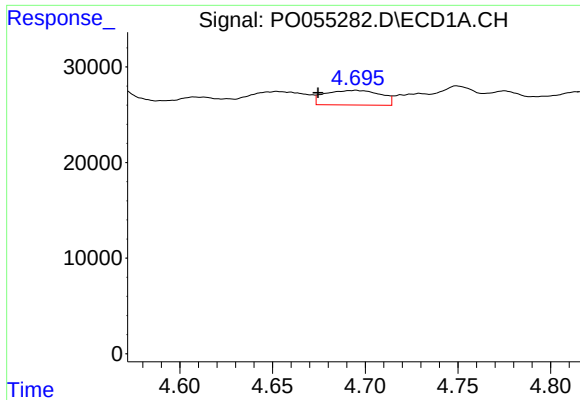
#10 AR-1221-3

R.T.: 4.652 min
Delta R.T.: -0.021 min
Response: 28934
Conc: 27.85 ng/ml



#10 AR-1221-3

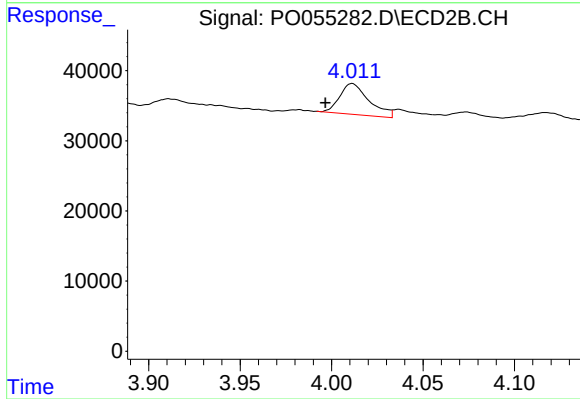
R.T.: 4.011 min
Delta R.T.: 0.015 min
Response: 49352
Conc: 53.54 ng/ml



#11 AR-1232-1

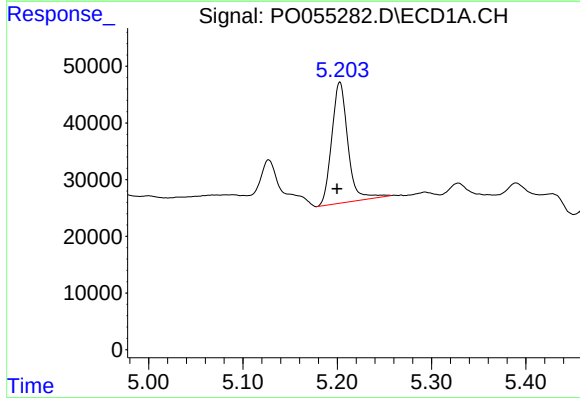
R.T.: 4.695 min
Delta R.T.: 0.020 min
Response: 32085
Conc: 37.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



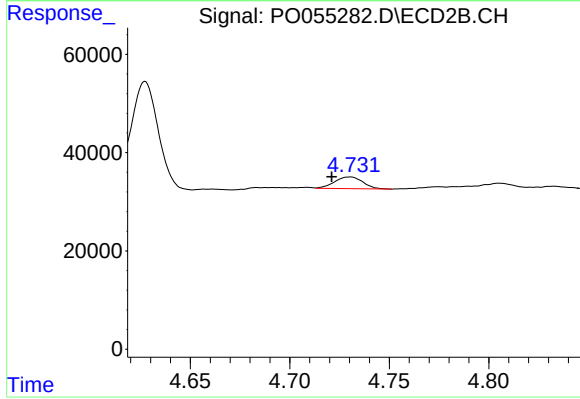
#11 AR-1232-1

R.T.: 4.011 min
Delta R.T.: 0.015 min
Response: 49352
Conc: 65.81 ng/ml



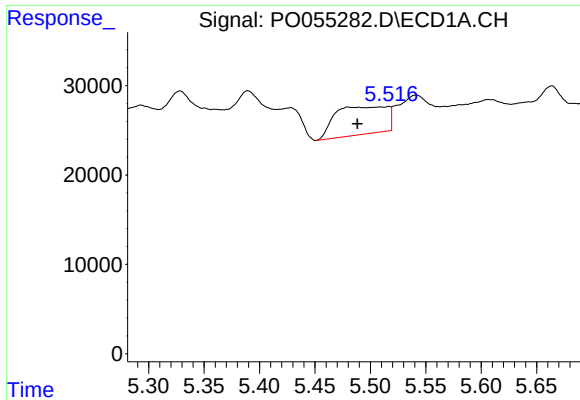
#12 AR-1232-2

R.T.: 5.203 min
Delta R.T.: 0.003 min
Response: 252251
Conc: 515.71 ng/ml



#12 AR-1232-2

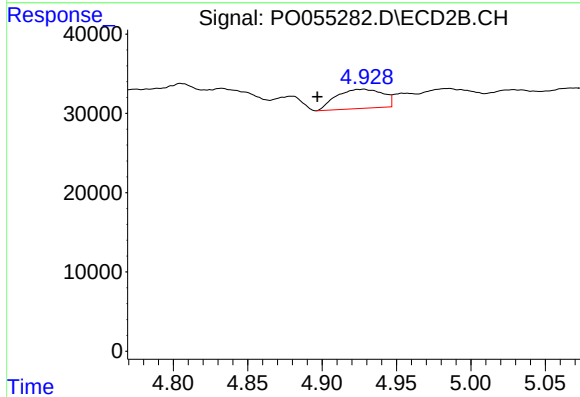
R.T.: 4.731 min
Delta R.T.: 0.010 min
Response: 23301
Conc: 27.06 ng/ml



#13 AR-1232-3

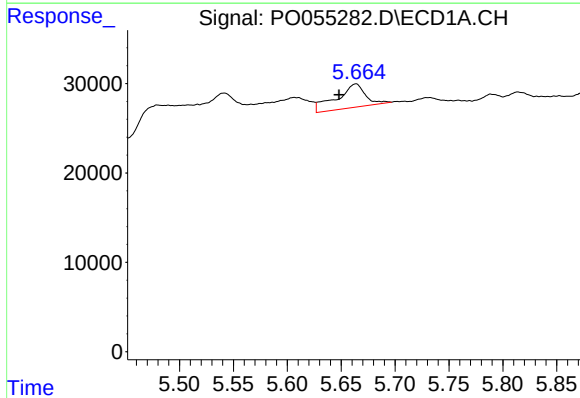
R.T.: 5.517 min
Delta R.T.: 0.028 min
Response: 101341
Conc: 103.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



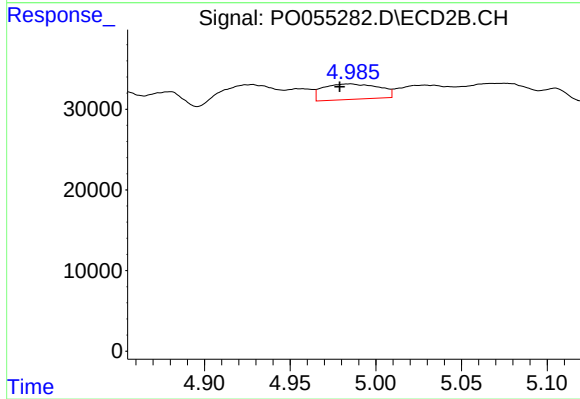
#13 AR-1232-3

R.T.: 4.928 min
Delta R.T.: 0.031 min
Response: 52712
Conc: 108.78 ng/ml



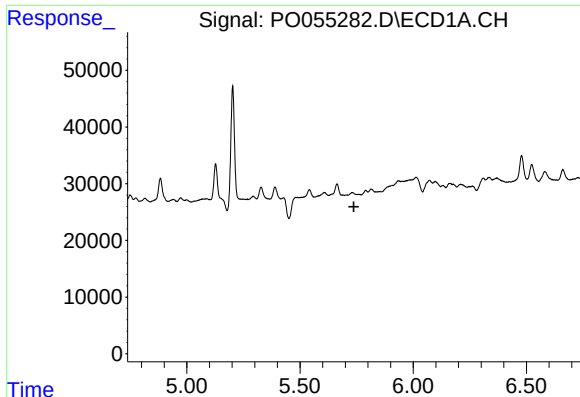
#14 AR-1232-4

R.T.: 5.664 min
Delta R.T.: 0.016 min
Response: 48719
Conc: 95.18 ng/ml



#14 AR-1232-4

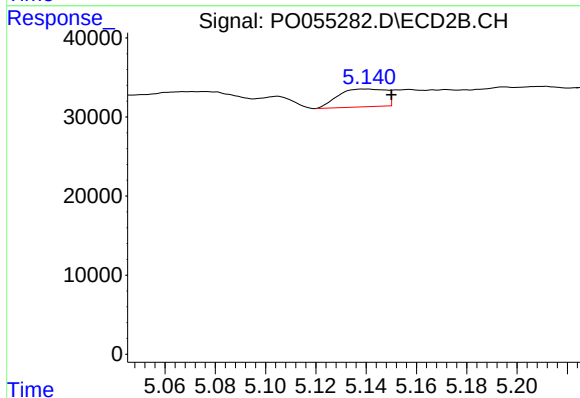
R.T.: 4.986 min
Delta R.T.: 0.007 min
Response: 43628
Conc: 99.29 ng/ml



#15 AR-1232-5

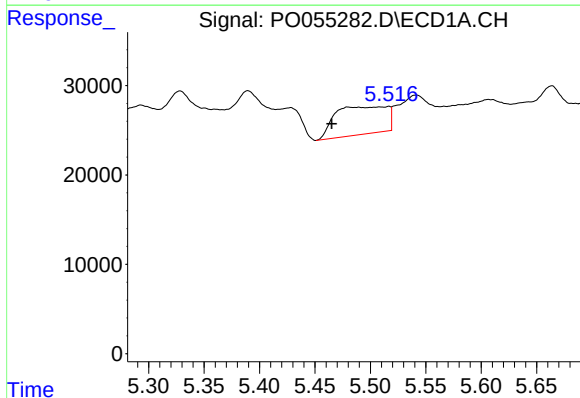
R.T.: 0.000 min
Exp R.T.: 5.738 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



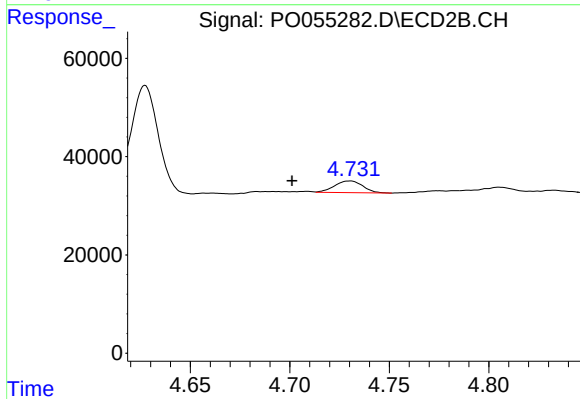
#15 AR-1232-5

R.T.: 5.140 min
Delta R.T.: -0.011 min
Response: 29860
Conc: 61.39 ng/ml



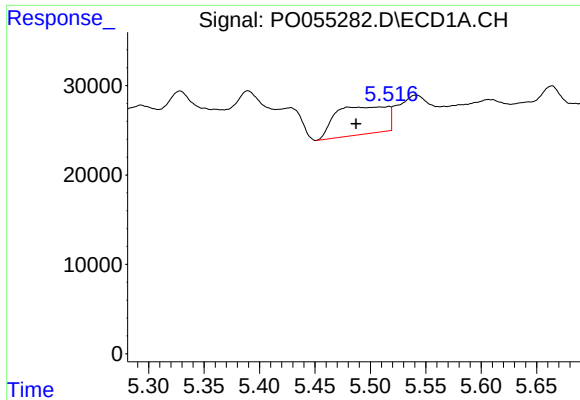
#16 AR-1242-1

R.T.: 5.517 min
Delta R.T.: 0.052 min
Response: 101341
Conc: 72.94 ng/ml



#16 AR-1242-1

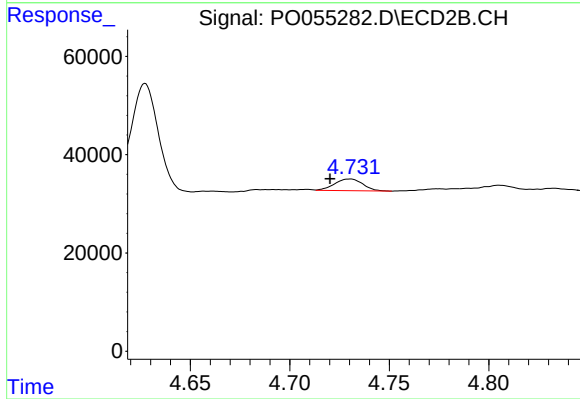
R.T.: 4.731 min
Delta R.T.: 0.030 min
Response: 23301
Conc: 18.98 ng/ml



#17 AR-1242-2

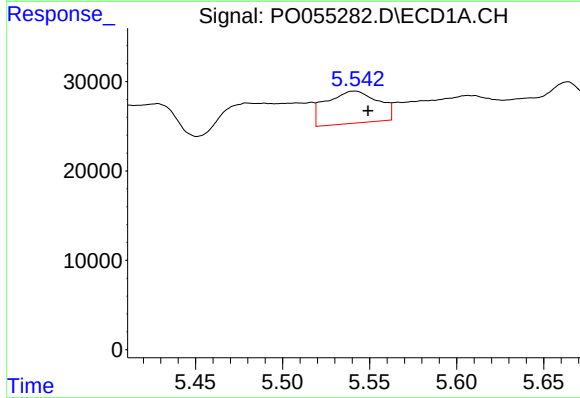
R.T.: 5.517 min
Delta R.T.: 0.030 min
Response: 101341
Conc: 52.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



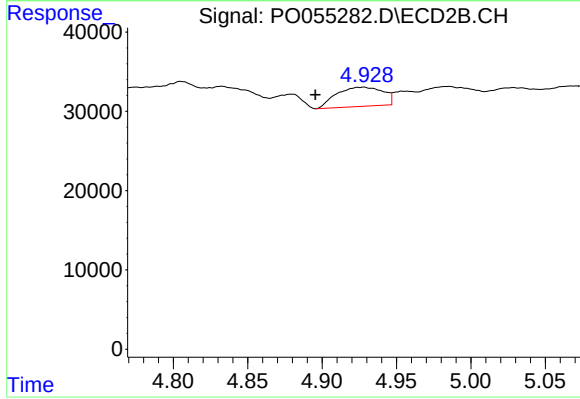
#17 AR-1242-2

R.T.: 4.731 min
Delta R.T.: 0.010 min
Response: 23301
Conc: 14.06 ng/ml



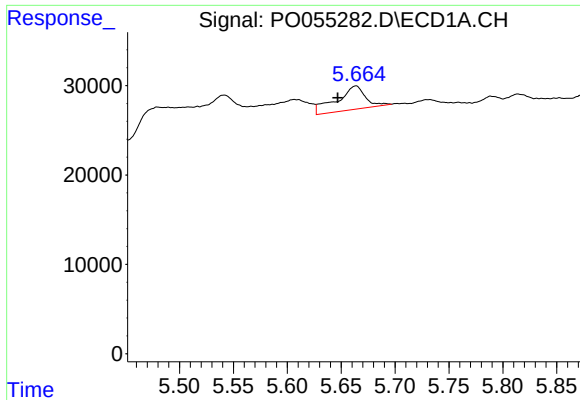
#18 AR-1242-3

R.T.: 5.541 min
Delta R.T.: -0.008 min
Response: 74514
Conc: 60.12 ng/ml



#18 AR-1242-3

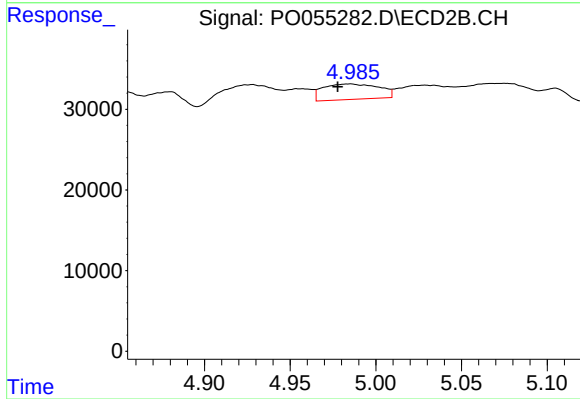
R.T.: 4.928 min
Delta R.T.: 0.033 min
Response: 52712
Conc: 55.64 ng/ml



#19 AR-1242-4

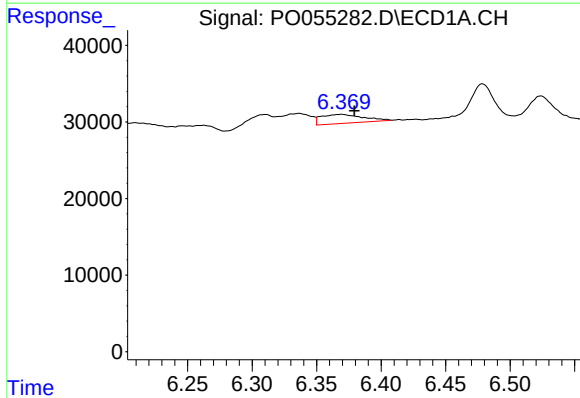
R.T.: 5.664 min
Delta R.T.: 0.017 min
Response: 48719
Conc: 47.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



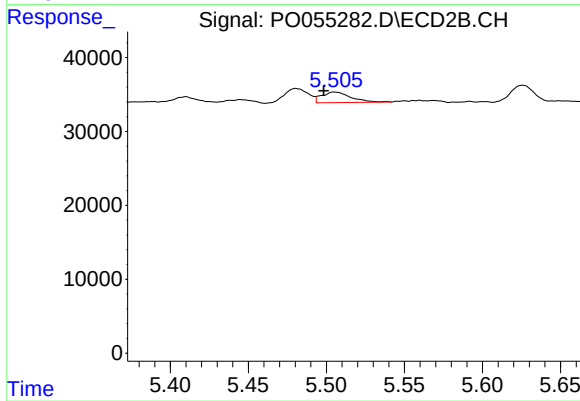
#19 AR-1242-4

R.T.: 4.986 min
Delta R.T.: 0.008 min
Response: 43628
Conc: 45.65 ng/ml



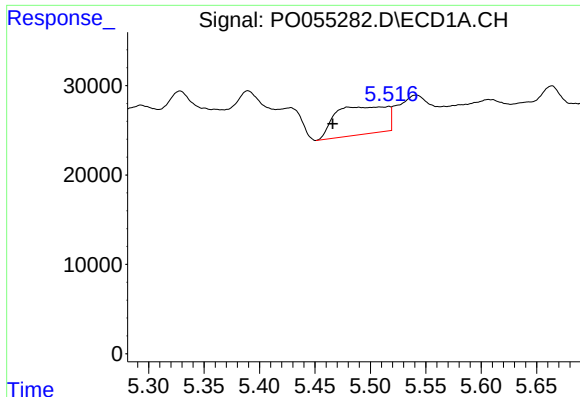
#20 AR-1242-5

R.T.: 6.369 min
Delta R.T.: -0.010 min
Response: 26607
Conc: 22.04 ng/ml



#20 AR-1242-5

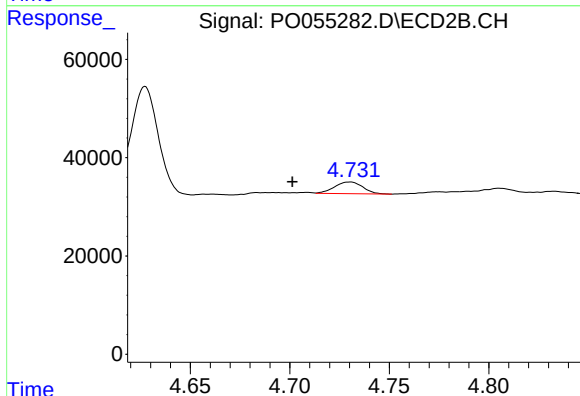
R.T.: 5.505 min
Delta R.T.: 0.007 min
Response: 18742
Conc: 15.24 ng/ml



#21 AR-1248-1

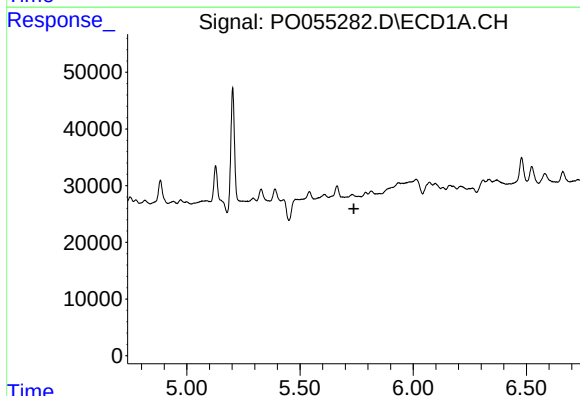
R.T.: 5.517 min
Delta R.T.: 0.051 min
Response: 101341
Conc: 101.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



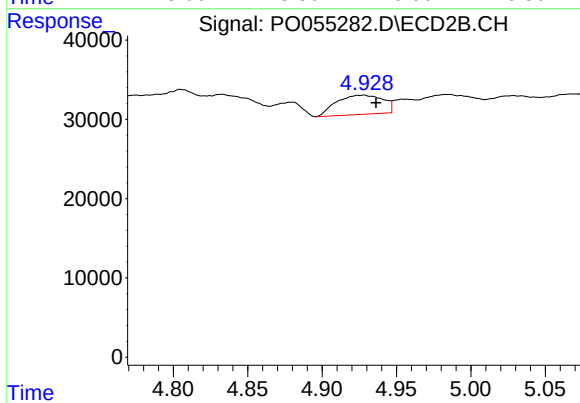
#21 AR-1248-1

R.T.: 4.731 min
Delta R.T.: 0.029 min
Response: 23301
Conc: 26.55 ng/ml



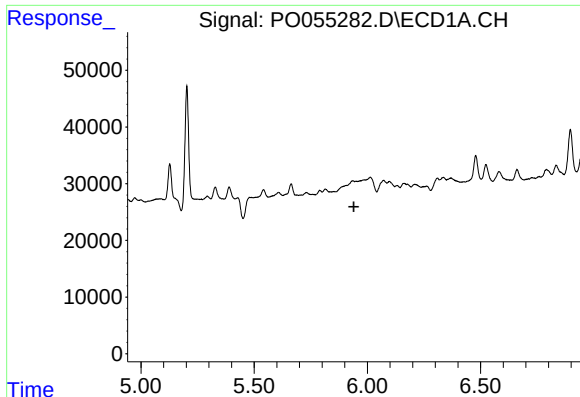
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.738 min
Response: 0
Conc: N.D.



#22 AR-1248-2

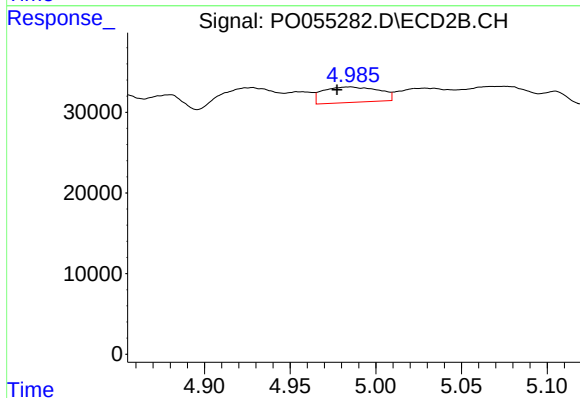
R.T.: 4.928 min
Delta R.T.: -0.008 min
Response: 52712
Conc: 43.62 ng/ml



#23 AR-1248-3

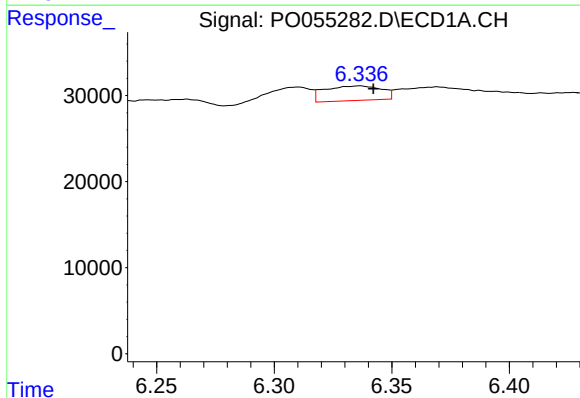
R.T.: 5.935 min
Delta R.T.: -0.005 min
Response: -379
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



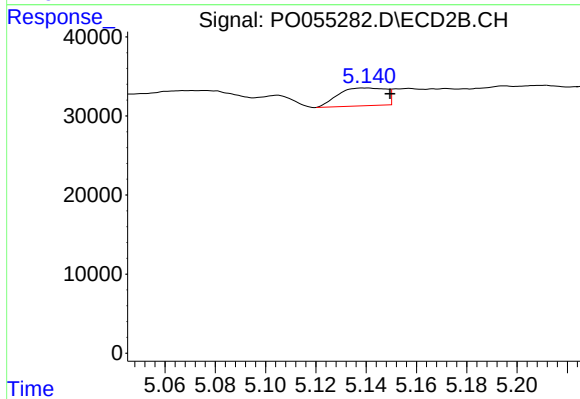
#23 AR-1248-3

R.T.: 4.986 min
Delta R.T.: 0.008 min
Response: 43628
Conc: 34.96 ng/ml



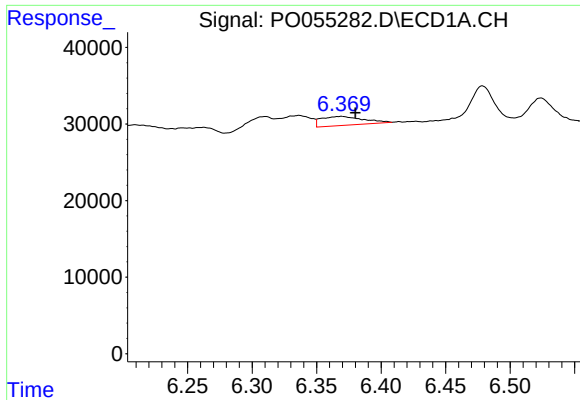
#24 AR-1248-4

R.T.: 6.336 min
Delta R.T.: -0.006 min
Response: 28546
Conc: 15.20 ng/ml



#24 AR-1248-4

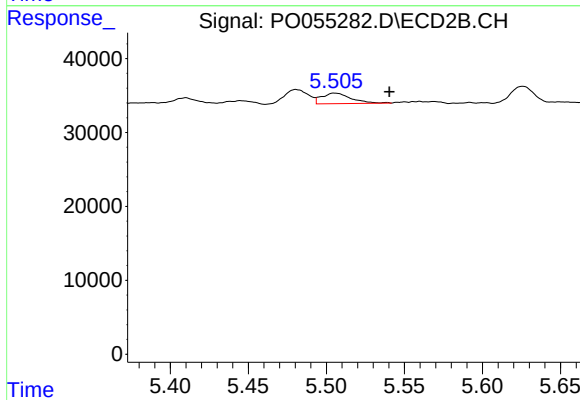
R.T.: 5.140 min
Delta R.T.: -0.010 min
Response: 29860
Conc: 19.61 ng/ml



#25 AR-1248-5

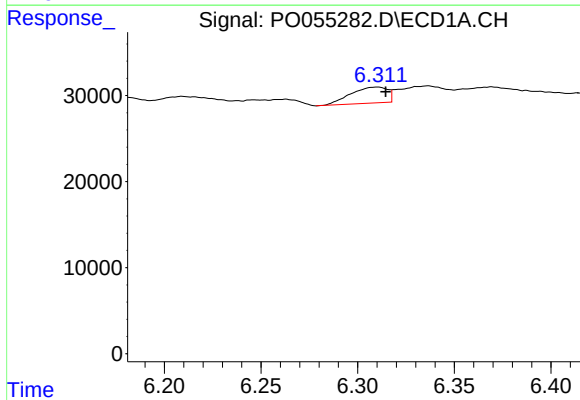
R.T.: 6.369 min
Delta R.T.: -0.011 min
Response: 26607
Conc: 14.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



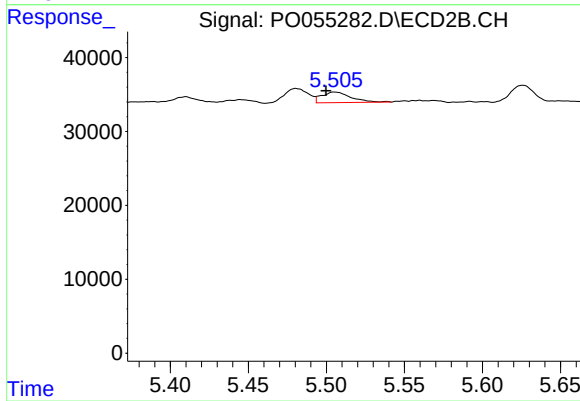
#25 AR-1248-5

R.T.: 5.505 min
Delta R.T.: -0.035 min
Response: 18742
Conc: 12.57 ng/ml



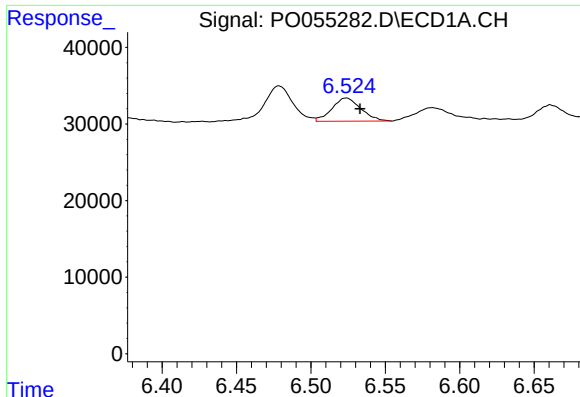
#26 AR-1254-1

R.T.: 6.310 min
Delta R.T.: -0.004 min
Response: 24739
Conc: 13.64 ng/ml



#26 AR-1254-1

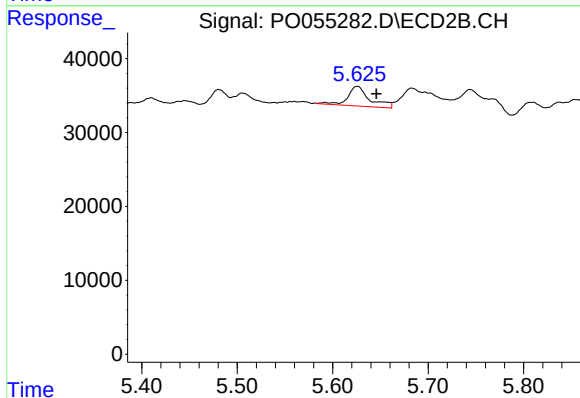
R.T.: 5.505 min
Delta R.T.: 0.006 min
Response: 18742
Conc: 8.58 ng/ml



#27 AR-1254-2

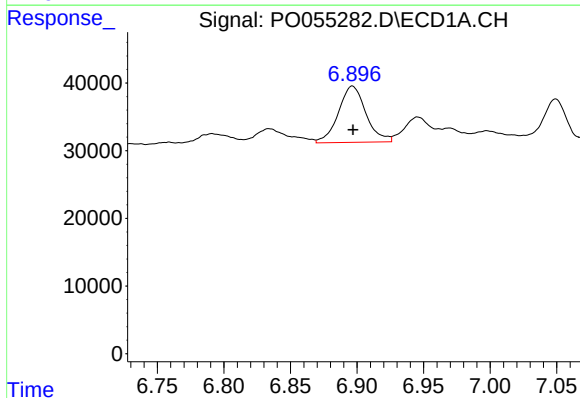
R.T.: 6.524 min
Delta R.T.: -0.009 min
Response: 40813
Conc: 14.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



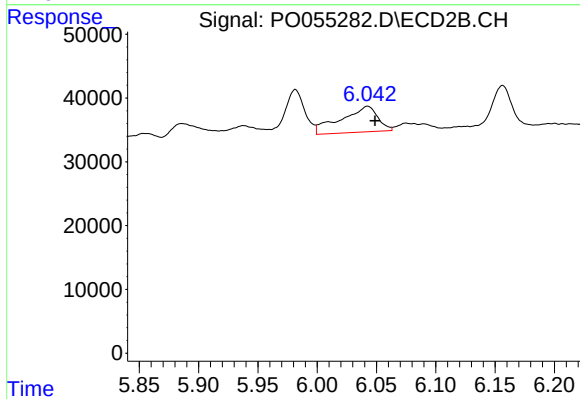
#27 AR-1254-2

R.T.: 5.626 min
Delta R.T.: -0.020 min
Response: 42133
Conc: 21.73 ng/ml



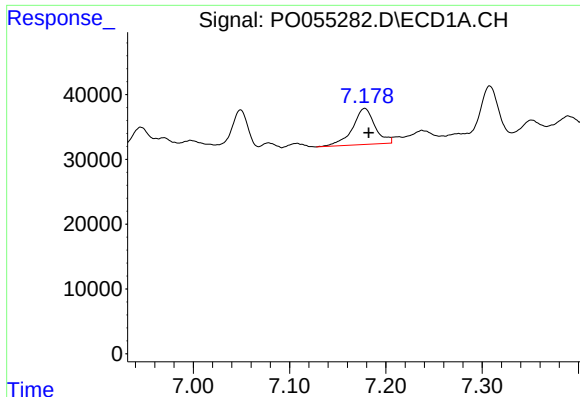
#28 AR-1254-3

R.T.: 6.897 min
Delta R.T.: 0.000 min
Response: 119701
Conc: 38.06 ng/ml



#28 AR-1254-3

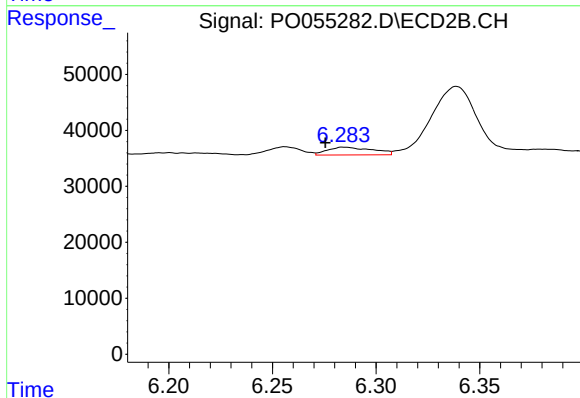
R.T.: 6.043 min
Delta R.T.: -0.006 min
Response: 87056
Conc: 27.16 ng/ml



#29 AR-1254-4

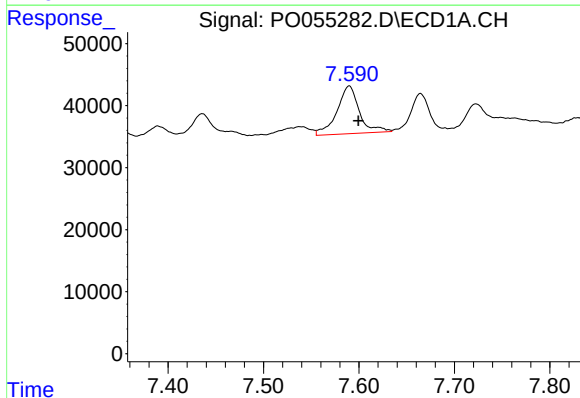
R.T.: 7.178 min
Delta R.T.: -0.004 min
Response: 90314
Conc: 36.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



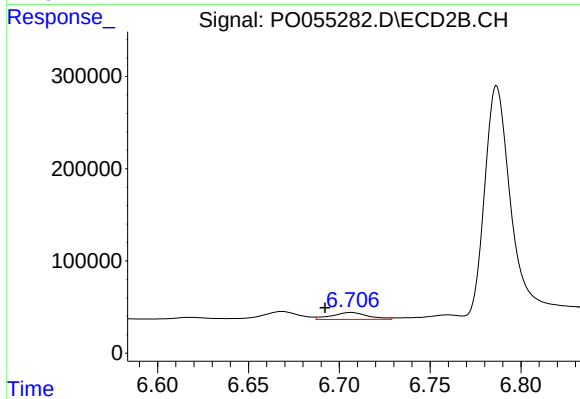
#29 AR-1254-4

R.T.: 6.285 min
Delta R.T.: 0.009 min
Response: 21111
Conc: 10.78 ng/ml



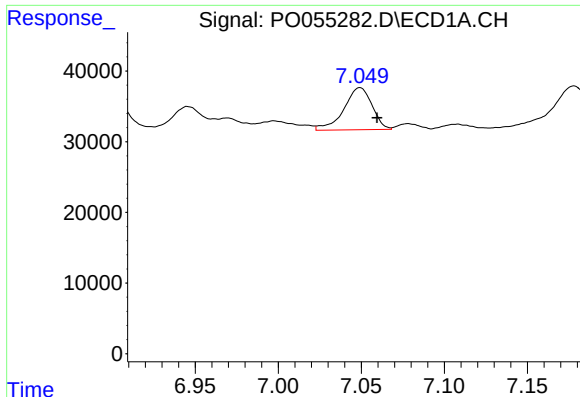
#30 AR-1254-5

R.T.: 7.590 min
Delta R.T.: -0.010 min
Response: 125692
Conc: 46.89 ng/ml



#30 AR-1254-5

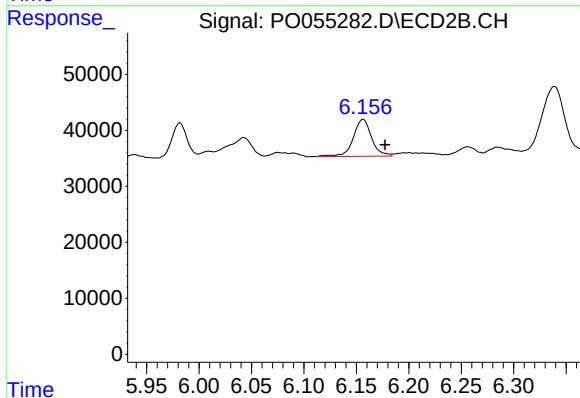
R.T.: 6.706 min
Delta R.T.: 0.014 min
Response: 103683
Conc: 36.07 ng/ml



#31 AR-1260-1

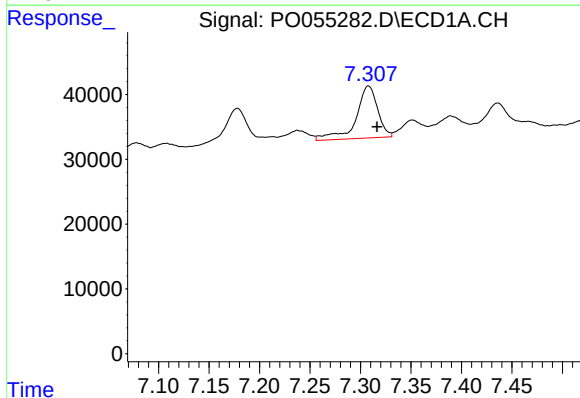
R.T.: 7.049 min
Delta R.T.: -0.010 min
Response: 70430
Conc: 28.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



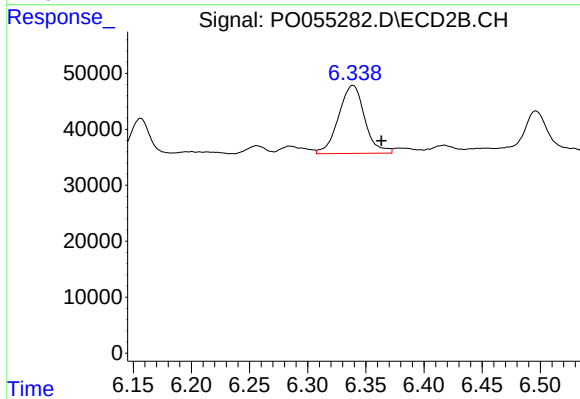
#31 AR-1260-1

R.T.: 6.156 min
Delta R.T.: -0.021 min
Response: 80658
Conc: 35.10 ng/ml



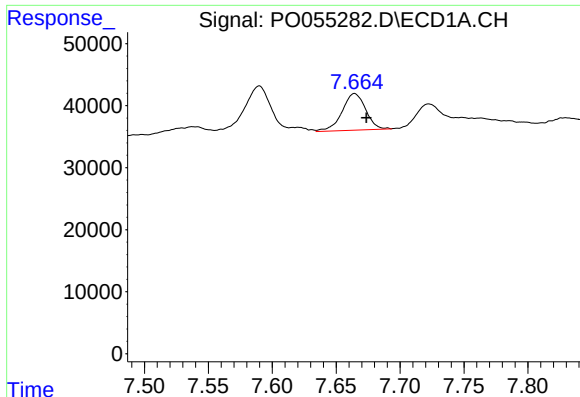
#32 AR-1260-2

R.T.: 7.308 min
Delta R.T.: -0.008 min
Response: 119698
Conc: 38.57 ng/ml



#32 AR-1260-2

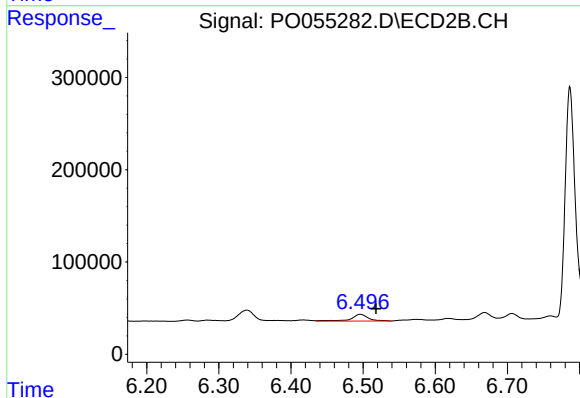
R.T.: 6.339 min
Delta R.T.: -0.025 min
Response: 189919
Conc: 68.99 ng/ml



#33 AR-1260-3

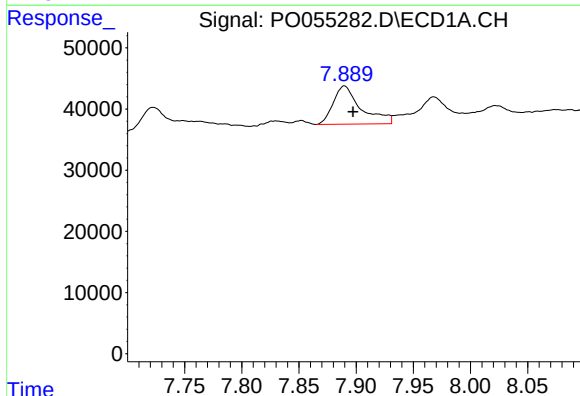
R.T.: 7.664 min
Delta R.T.: -0.009 min
Response: 75918
Conc: 30.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



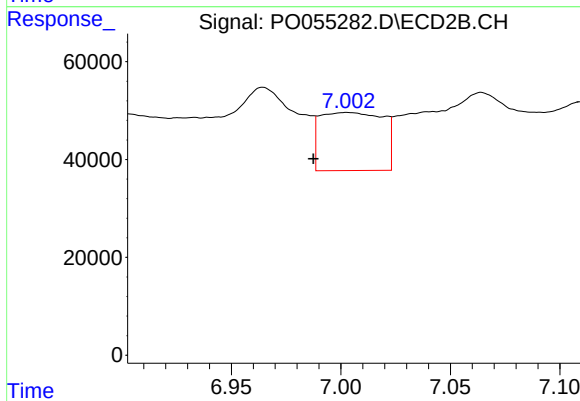
#33 AR-1260-3

R.T.: 6.496 min
Delta R.T.: -0.022 min
Response: 120484
Conc: 46.74 ng/ml



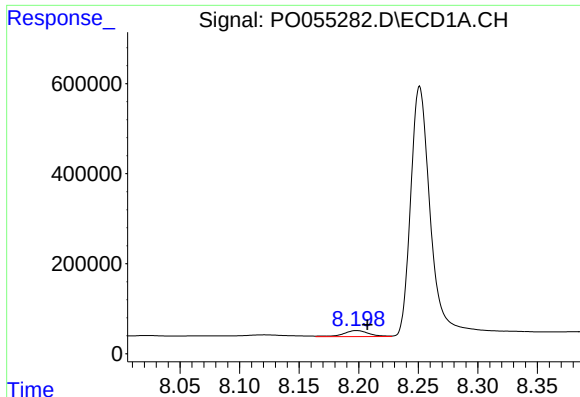
#34 AR-1260-4

R.T.: 7.890 min
Delta R.T.: -0.007 min
Response: 105709
Conc: 38.22 ng/ml



#34 AR-1260-4

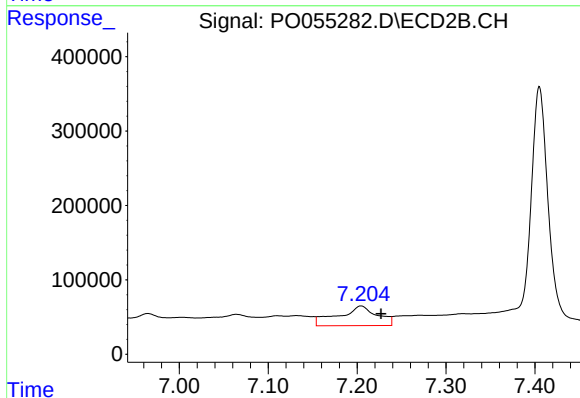
R.T.: 7.003 min
Delta R.T.: 0.015 min
Response: 236697
Conc: 111.22 ng/ml



#35 AR-1260-5

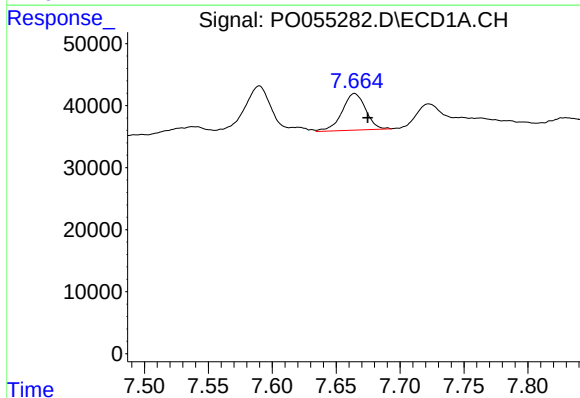
R.T.: 8.198 min
Delta R.T.: -0.009 min
Response: 197311
Conc: 35.56 ng/ml

Instrument :
ECD_O
ClientSampleId :



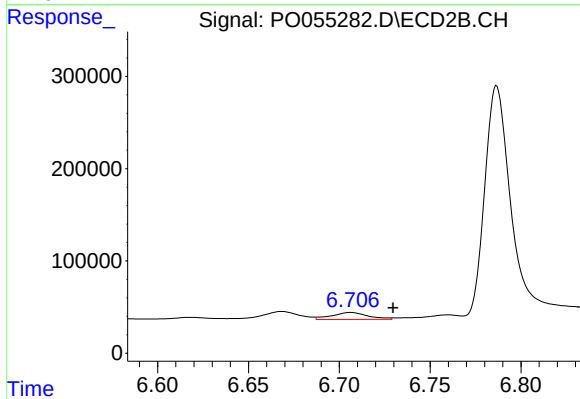
#35 AR-1260-5

R.T.: 7.204 min
Delta R.T.: -0.023 min
Response: 803317
Conc: 167.73 ng/ml



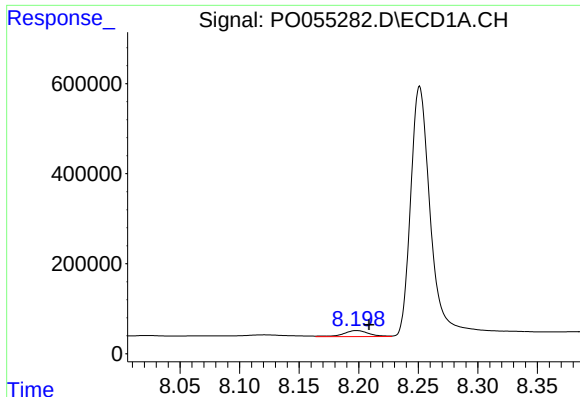
#36 AR-1262-1

R.T.: 7.664 min
Delta R.T.: -0.010 min
Response: 75918
Conc: 22.78 ng/ml



#36 AR-1262-1

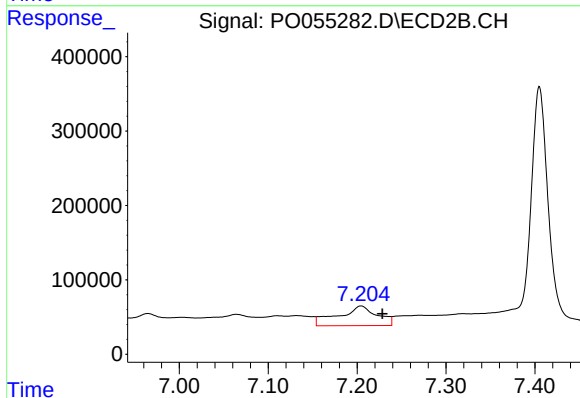
R.T.: 6.706 min
Delta R.T.: -0.023 min
Response: 103683
Conc: 34.85 ng/ml



#37 AR-1262-2

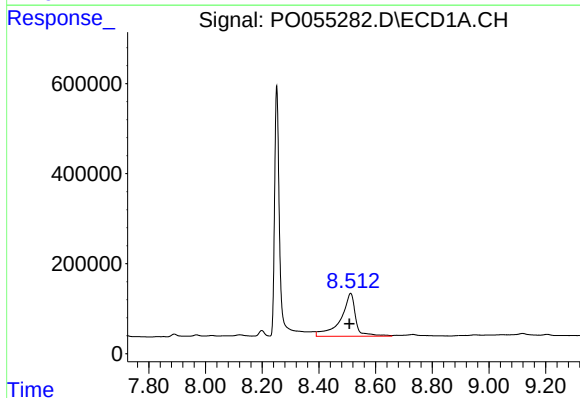
R.T.: 8.198 min
Delta R.T.: -0.010 min
Response: 197311
Conc: 33.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



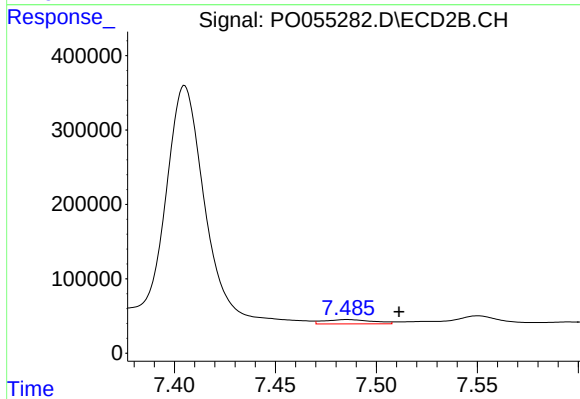
#37 AR-1262-2

R.T.: 7.204 min
Delta R.T.: -0.024 min
Response: 803317
Conc: 163.90 ng/ml



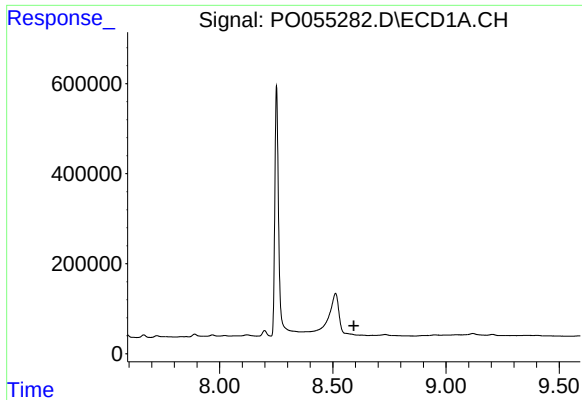
#38 AR-1262-3

R.T.: 8.512 min
Delta R.T.: 0.005 min
Response: 3508182
Conc: 846.82 ng/ml



#38 AR-1262-3

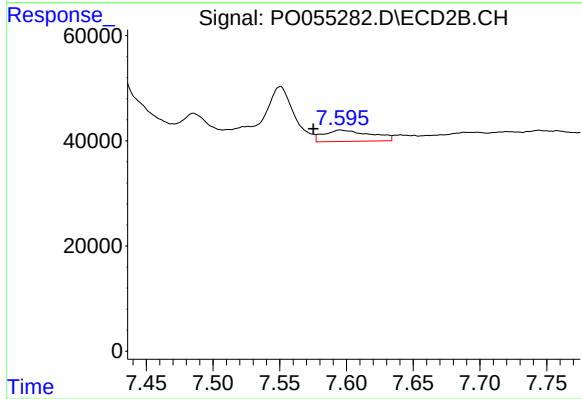
R.T.: 7.485 min
Delta R.T.: -0.026 min
Response: 94812
Conc: 46.17 ng/ml



#39 AR-1262-4

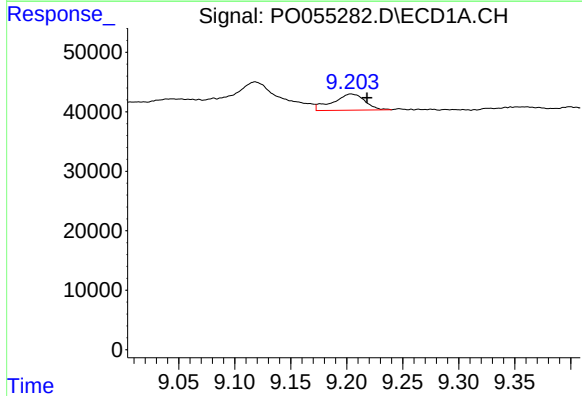
R.T.: 0.000 min
Exp R.T.: 8.593 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



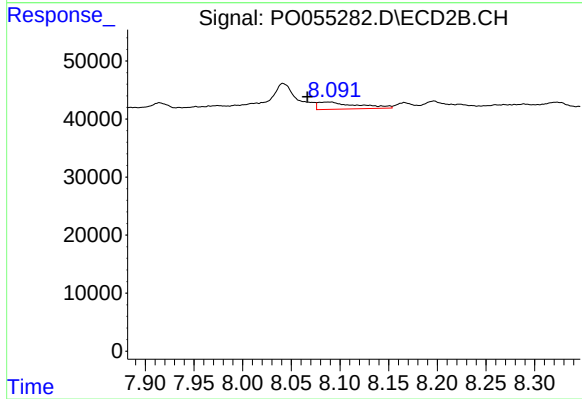
#39 AR-1262-4

R.T.: 7.595 min
Delta R.T.: 0.020 min
Response: 52492
Conc: 14.49 ng/ml



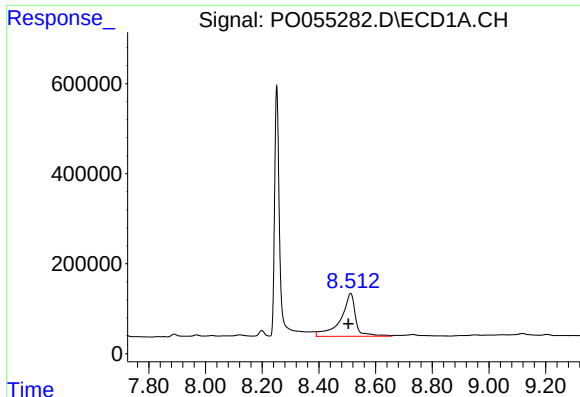
#40 AR-1262-5

R.T.: 9.204 min
Delta R.T.: -0.014 min
Response: 54241
Conc: 24.81 ng/ml



#40 AR-1262-5

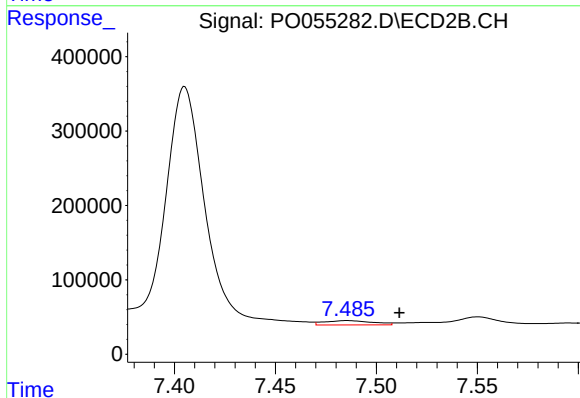
R.T.: 8.090 min
Delta R.T.: 0.024 min
Response: 34750
Conc: 21.53 ng/ml



#41 AR-1268-1

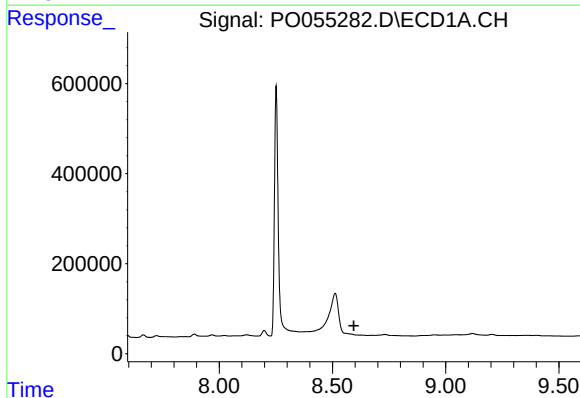
R.T.: 8.512 min
Delta R.T.: 0.008 min
Response: 3508182
Conc: 492.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



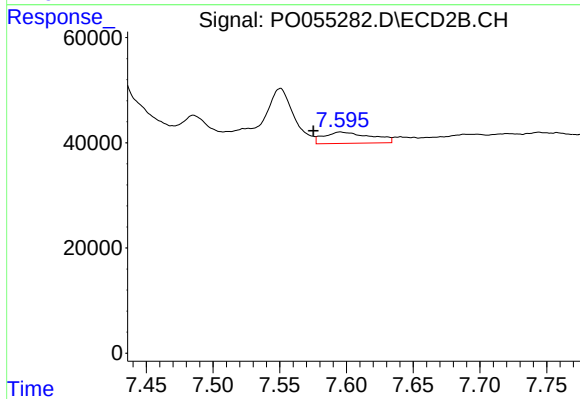
#41 AR-1268-1

R.T.: 7.485 min
Delta R.T.: -0.026 min
Response: 94812
Conc: 16.77 ng/ml



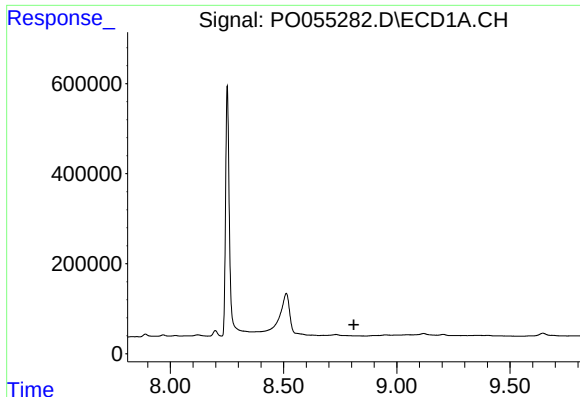
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.594 min
Response: 0
Conc: N.D.



#42 AR-1268-2

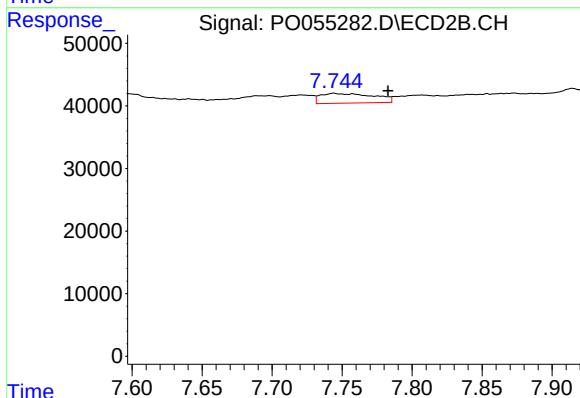
R.T.: 7.595 min
Delta R.T.: 0.020 min
Response: 52492
Conc: 10.15 ng/ml



#43 AR-1268-3

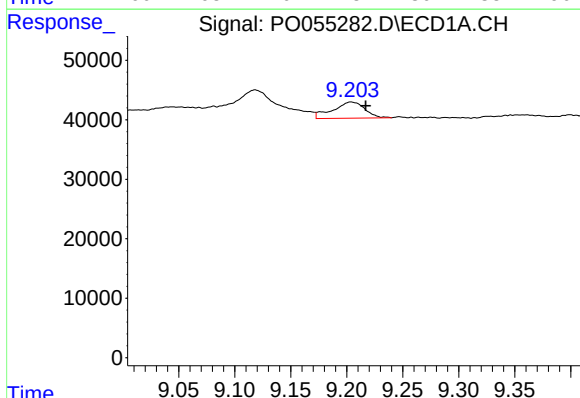
R.T.: 0.000 min
Exp R.T.: 8.810 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



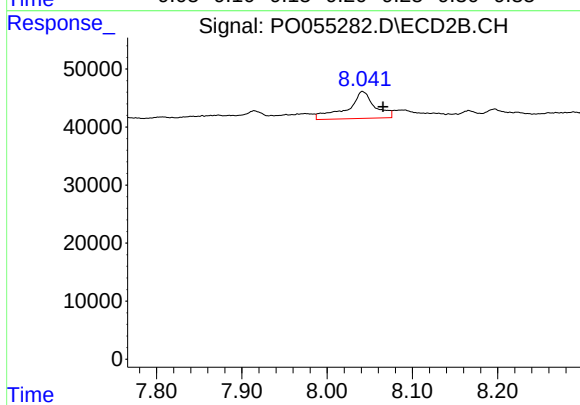
#43 AR-1268-3

R.T.: 7.744 min
Delta R.T.: -0.039 min
Response: 41236
Conc: 9.58 ng/ml



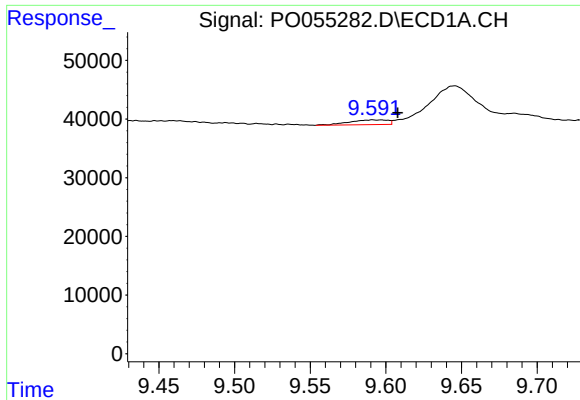
#44 AR-1268-4

R.T.: 9.204 min
Delta R.T.: -0.013 min
Response: 54241
Conc: 22.74 ng/ml



#44 AR-1268-4

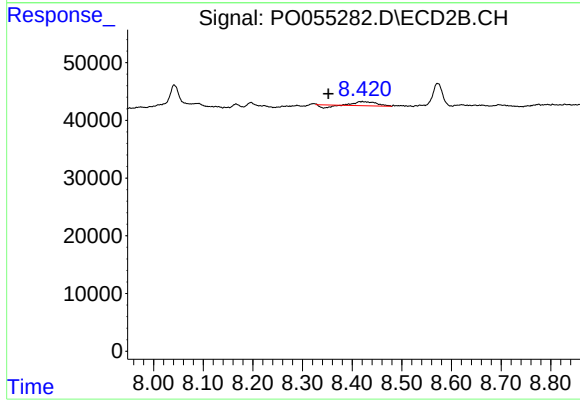
R.T.: 8.041 min
Delta R.T.: -0.024 min
Response: 104101
Conc: 56.15 ng/ml



#45 AR-1268-5

R.T.: 9.591 min
Delta R.T.: -0.017 min
Response: 14496
Conc: 0.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.421 min
Delta R.T.: 0.069 min
Response: 15131
Conc: 1.33 ng/ml