

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0020820\
 Data File : P0066359.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 07 Feb 2020 11:58
 Operator : DD\AJ
 Sample : L1409-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 07 23:19:25 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0020720.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Feb 06 18:14:46 2020
 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...	4.143	3.420	879145	1159115	31.167	29.517
2)	SA Decachlor...	9.642	8.322	738690	1007307	17.887	17.313
Target Compounds							
3)	L1 AR-1016-1	5.316	4.498	54039	96521	43.995	65.723 #
4)	L1 AR-1016-2	5.316	4.498	54039	96521	28.914	33.868
5)	L1 AR-1016-3	5.377	4.668	46349	53632	41.265	43.075
6)	L1 AR-1016-4	5.472	4.710	44368	68417	47.643	66.676 #
7)	L1 AR-1016-5	5.762	4.931	55129	109803	57.671	82.039 #
9)	L2 AR-1221-2	0.000	3.714	0	11063	N.D.	37.159 #
10)	L2 AR-1221-3	0.000	3.787	0	11099	N.D.	10.962 #
11)	L3 AR-1232-1	0.000	3.787	0	11099	N.D.	14.518 #
12)	L3 AR-1232-2	5.032	4.498	98151	96521	316.481	91.242 #
13)	L3 AR-1232-3	5.316	4.668	54039	53632	79.517	113.889 #
14)	L3 AR-1232-4	5.472	4.752	44368	30332	130.325	75.831 #
15)	L3 AR-1232-5	5.565	4.931	38575	109803	159.413	242.786 #
16)	L4 AR-1242-1	5.316	4.498	54039	96521	63.101	92.922 #
17)	L4 AR-1242-2	5.316	4.498	54039	96521	40.971	48.630
18)	L4 AR-1242-3	5.377	4.668	46349	53632	59.214	60.270
19)	L4 AR-1242-4	5.472	4.752	44368	30332	68.062	34.920 #
20)	L4 AR-1242-5	6.206	5.268	99259	242801	122.920	185.046 #
21)	L5 AR-1248-1	5.316	4.498	54039	96521	79.020	118.704 #
22)	L5 AR-1248-2	5.565	4.710	38575	68417	41.090	54.235 #
23)	L5 AR-1248-3	5.762	4.752	55129	30332	47.925	23.648 #
24)	L5 AR-1248-4	6.167	4.931	74727	109803	50.708	68.795 #
25)	L5 AR-1248-5	6.206	5.310	99259	50325	70.845	28.303 #
26)	L6 AR-1254-1	6.137	5.268	124725	242801	85.753	87.041
27)	L6 AR-1254-2	6.354	5.412	779235	134862	317.306	51.641 #
28)	L6 AR-1254-3	6.728	5.828	674741	931367	250.568	218.713
29)	L6 AR-1254-4	6.999	6.038	156734	90903	67.887	29.663 #
30)	L6 AR-1254-5	7.414	6.450	579797	599687	246.735	136.356 #
31)	L7 AR-1260-1	6.877	5.938	294534	302174	138.402	91.320 #
32)	L7 AR-1260-2	7.130	6.126	2372939	550324	771.689	106.991 #
33)	L7 AR-1260-3	7.489	6.277	260189	330890	98.648	84.421
34)	L7 AR-1260-4	7.713	6.744	293123	294364	117.690	81.257 #
35)	L7 AR-1260-5	8.019	6.987	503368	816590	89.301	84.931
36)	L8 AR-1262-1	7.489	6.540	260189	186253	75.323	77.885
37)	L8 AR-1262-2	8.019	6.987	503368	816590	86.953	81.869
38)	L8 AR-1262-3	8.316	7.266	295122	164570	80.119	42.968 #
39)	L8 AR-1262-4	8.367	7.329	172504	549197	62.021	85.799 #
40)	L8 AR-1262-5	8.979	7.823	137746	172935	77.552	63.498
41)	L9 AR-1268-1	8.316	7.266	295122	164570	40.040	13.234 #
42)	L9 AR-1268-2	8.367	7.329	172504	549197	27.702	52.038 #

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 ALS Vial : 14 Sample Multiplier: 1

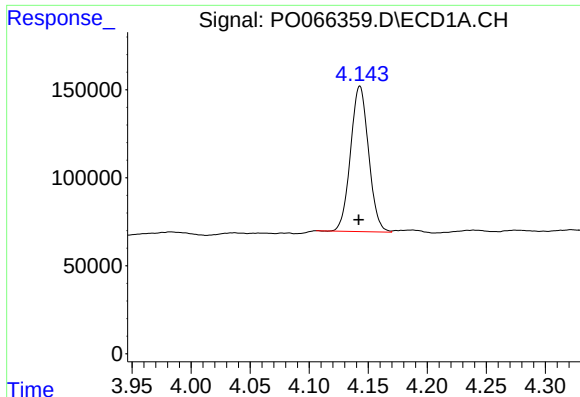
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 07 23:19:25 2020
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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	0.000	7.533	0	32162	N.D.	3.675 #
44) L9	AR-1268-4	8.979	7.823	137746	172935	64.253	53.031
45) L9	AR-1268-5	9.346	8.093	243074	55831	15.626	2.364 #

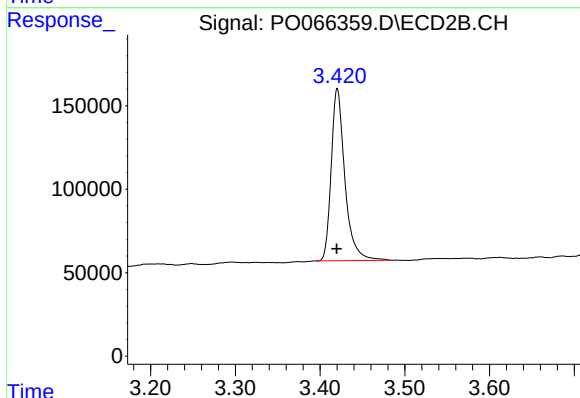
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

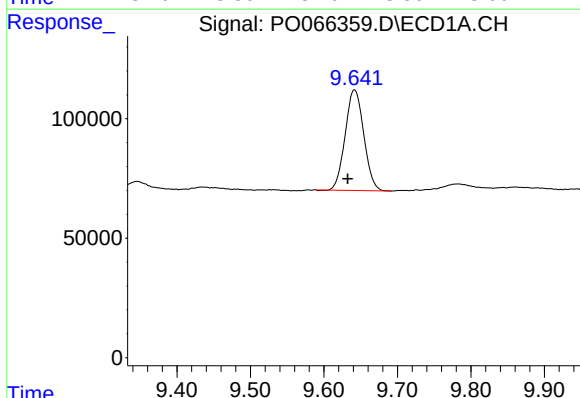
R.T.: 4.143 min
Delta R.T.: 0.000 min
Response: 879145
Conc: 31.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



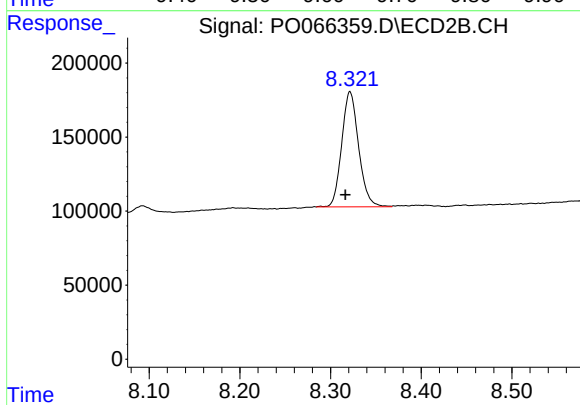
#1 Tetrachloro-m-xylene

R.T.: 3.420 min
Delta R.T.: 0.000 min
Response: 1159115
Conc: 29.52 ng/ml



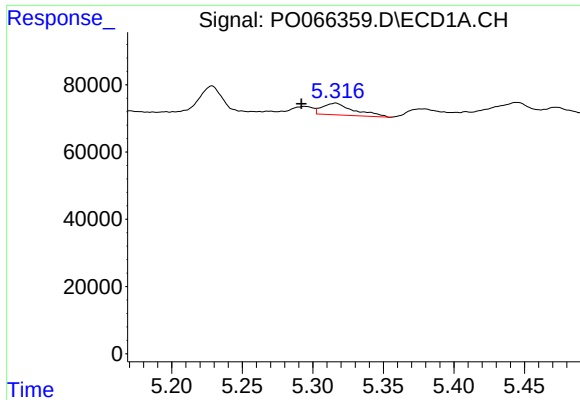
#2 Decachlorobiphenyl

R.T.: 9.642 min
Delta R.T.: 0.009 min
Response: 738690
Conc: 17.89 ng/ml



#2 Decachlorobiphenyl

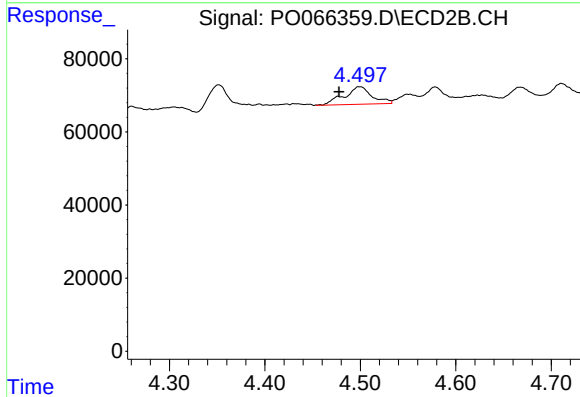
R.T.: 8.322 min
Delta R.T.: 0.005 min
Response: 1007307
Conc: 17.31 ng/ml



#3 AR-1016-1

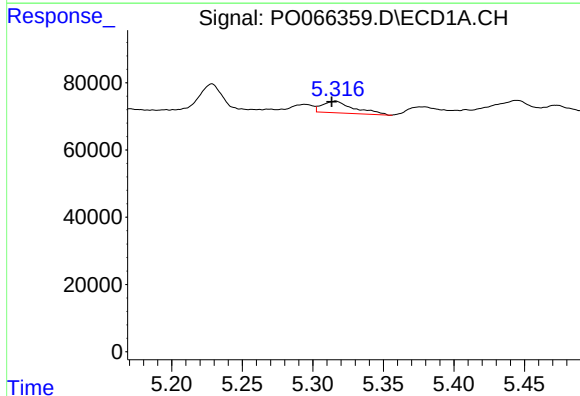
R.T.: 5.316 min
Delta R.T.: 0.024 min
Response: 54039
Conc: 43.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



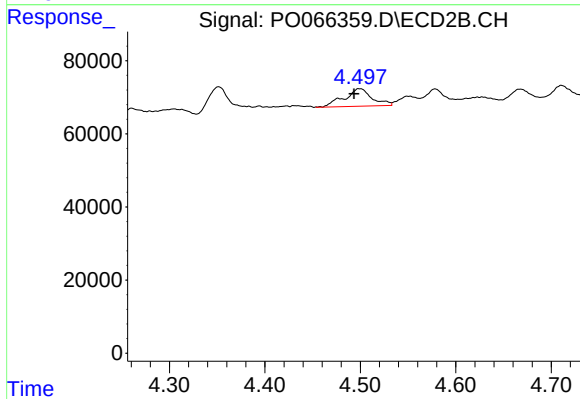
#3 AR-1016-1

R.T.: 4.498 min
Delta R.T.: 0.020 min
Response: 96521
Conc: 65.72 ng/ml



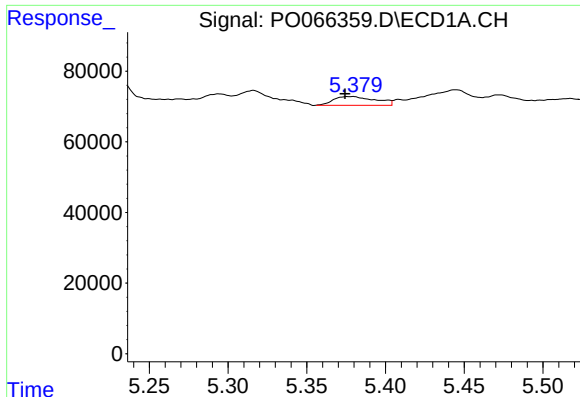
#4 AR-1016-2

R.T.: 5.316 min
Delta R.T.: 0.002 min
Response: 54039
Conc: 28.91 ng/ml



#4 AR-1016-2

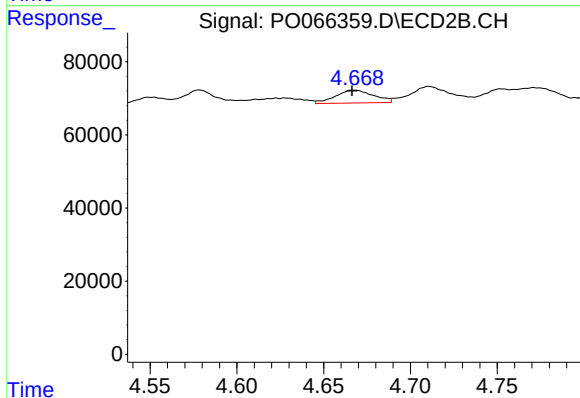
R.T.: 4.498 min
Delta R.T.: 0.004 min
Response: 96521
Conc: 33.87 ng/ml



#5 AR-1016-3

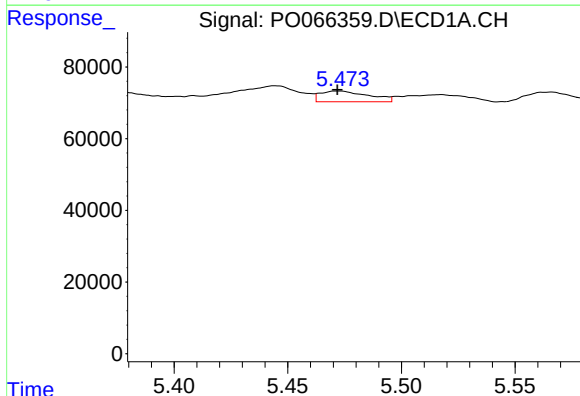
R.T.: 5.377 min
Delta R.T.: 0.003 min
Response: 46349
Conc: 41.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



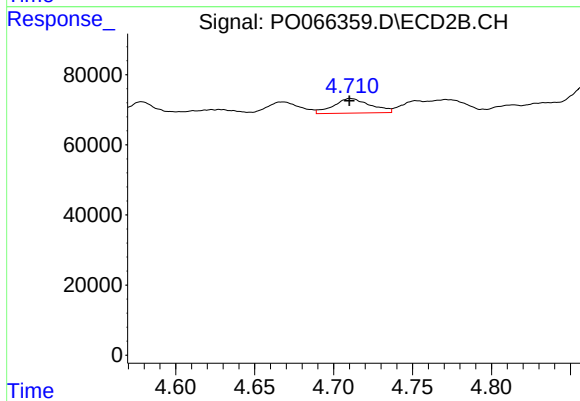
#5 AR-1016-3

R.T.: 4.668 min
Delta R.T.: 0.002 min
Response: 53632
Conc: 43.08 ng/ml



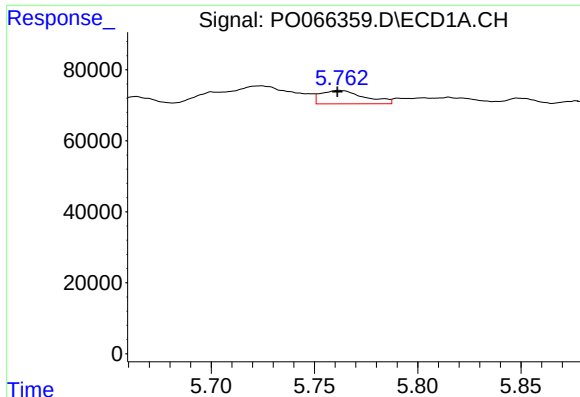
#6 AR-1016-4

R.T.: 5.472 min
Delta R.T.: 0.000 min
Response: 44368
Conc: 47.64 ng/ml



#6 AR-1016-4

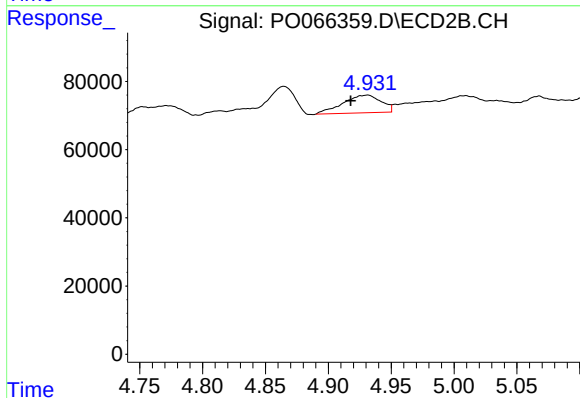
R.T.: 4.710 min
Delta R.T.: 0.000 min
Response: 68417
Conc: 66.68 ng/ml



#7 AR-1016-5

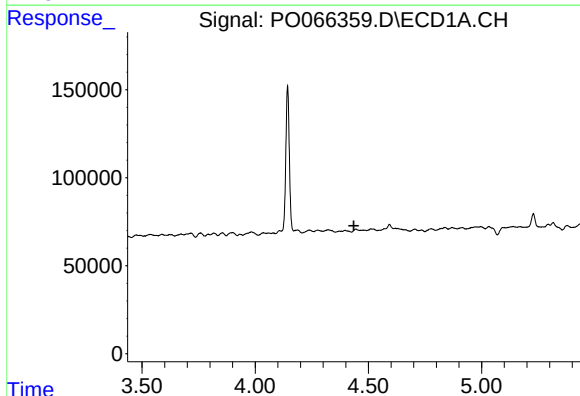
R.T.: 5.762 min
Delta R.T.: 0.000 min
Response: 55129
Conc: 57.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



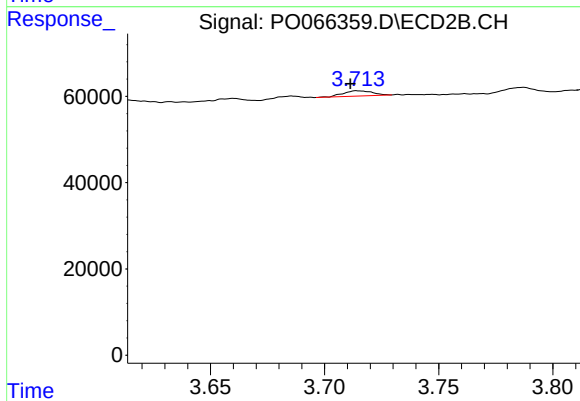
#7 AR-1016-5

R.T.: 4.931 min
Delta R.T.: 0.013 min
Response: 109803
Conc: 82.04 ng/ml



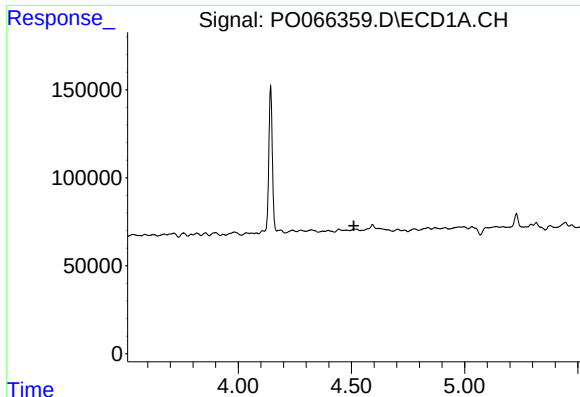
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.435 min
Response: 0
Conc: N.D.



#9 AR-1221-2

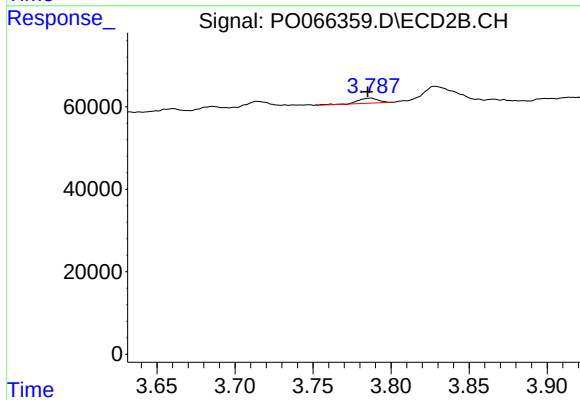
R.T.: 3.714 min
Delta R.T.: 0.003 min
Response: 11063
Conc: 37.16 ng/ml



#10 AR-1221-3

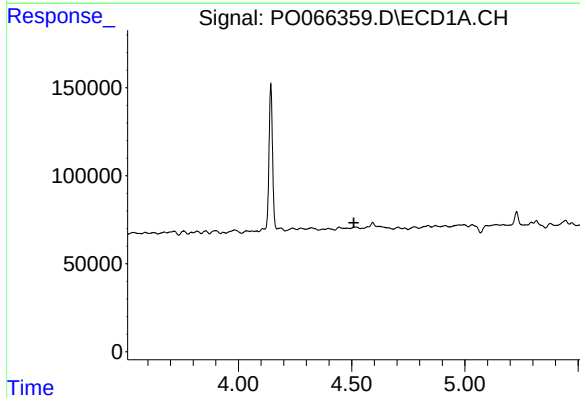
R.T.: 0.000 min
Exp R.T. : 4.510 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



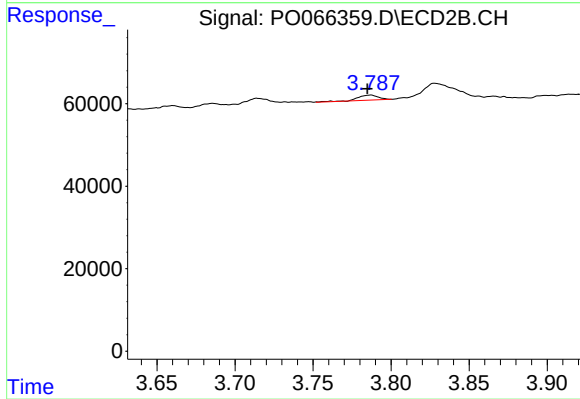
#10 AR-1221-3

R.T.: 3.787 min
Delta R.T.: 0.002 min
Response: 11099
Conc: 10.96 ng/ml



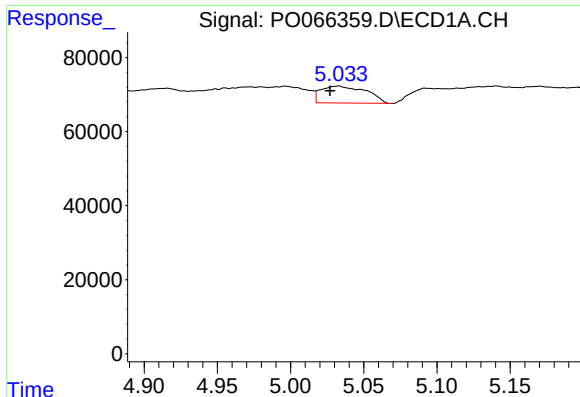
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.510 min
Response: 0
Conc: N.D.



#11 AR-1232-1

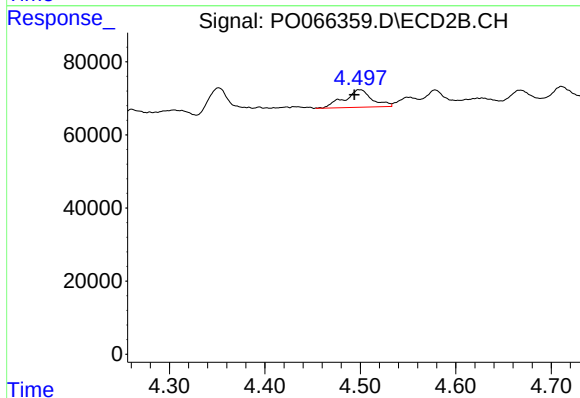
R.T.: 3.787 min
Delta R.T.: 0.002 min
Response: 11099
Conc: 14.52 ng/ml



#12 AR-1232-2

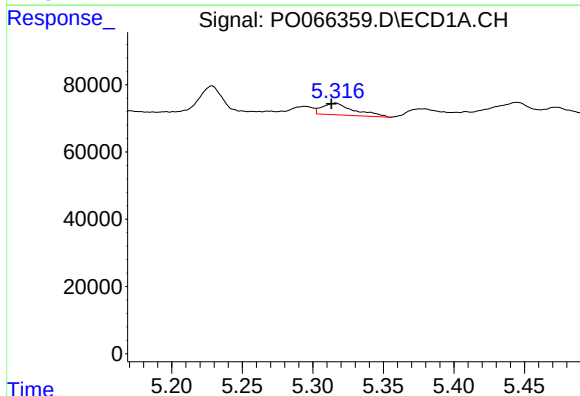
R.T.: 5.032 min
Delta R.T.: 0.005 min
Response: 98151
Conc: 316.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



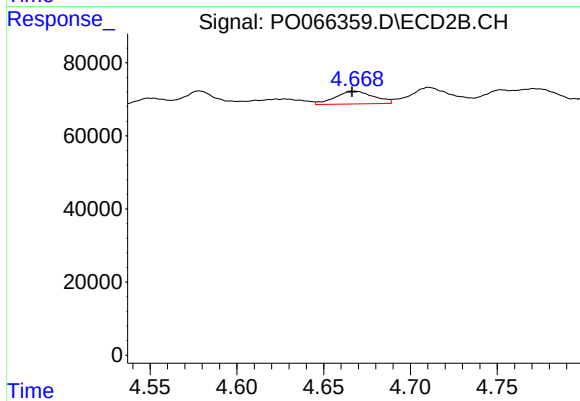
#12 AR-1232-2

R.T.: 4.498 min
Delta R.T.: 0.004 min
Response: 96521
Conc: 91.24 ng/ml



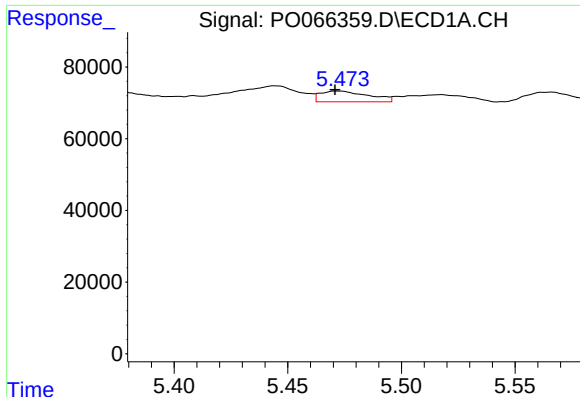
#13 AR-1232-3

R.T.: 5.316 min
Delta R.T.: 0.002 min
Response: 54039
Conc: 79.52 ng/ml



#13 AR-1232-3

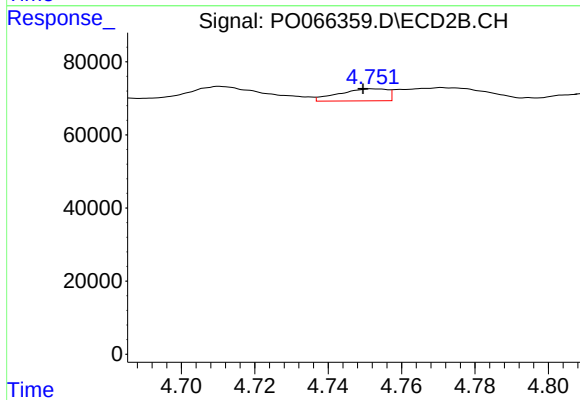
R.T.: 4.668 min
Delta R.T.: 0.002 min
Response: 53632
Conc: 113.89 ng/ml



#14 AR-1232-4

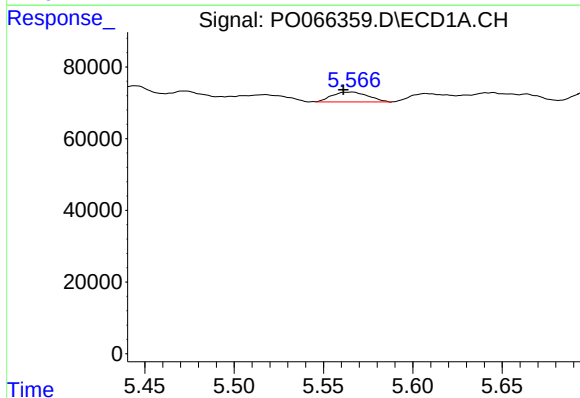
R.T.: 5.472 min
Delta R.T.: 0.001 min
Response: 44368
Conc: 130.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



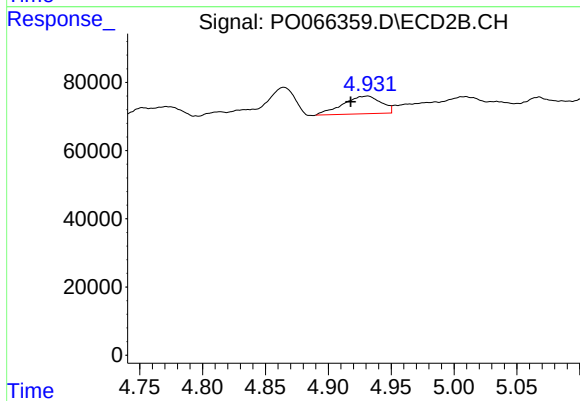
#14 AR-1232-4

R.T.: 4.752 min
Delta R.T.: 0.003 min
Response: 30332
Conc: 75.83 ng/ml



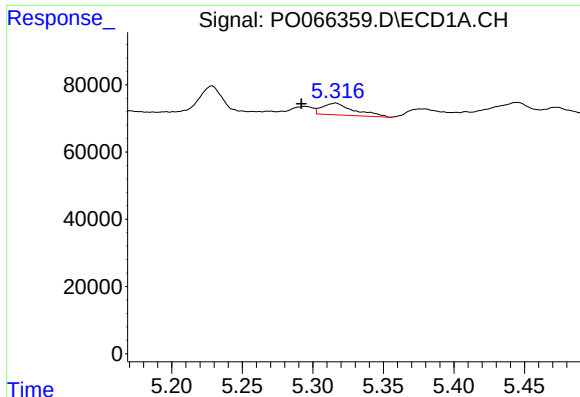
#15 AR-1232-5

R.T.: 5.565 min
Delta R.T.: 0.004 min
Response: 38575
Conc: 159.41 ng/ml



#15 AR-1232-5

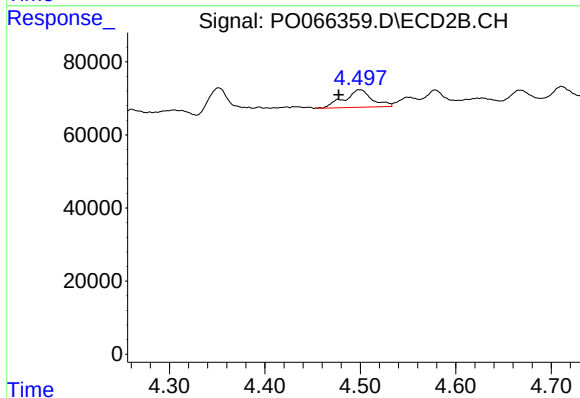
R.T.: 4.931 min
Delta R.T.: 0.013 min
Response: 109803
Conc: 242.79 ng/ml



#16 AR-1242-1

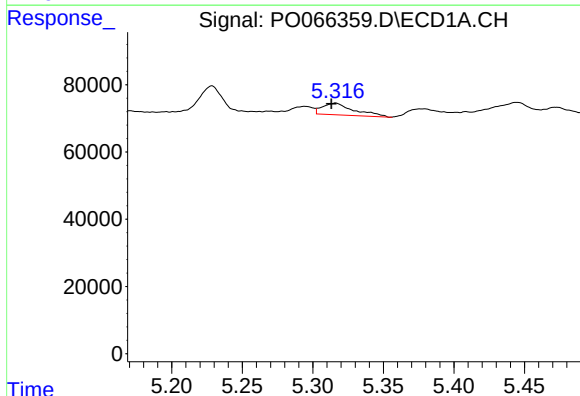
R.T.: 5.316 min
Delta R.T.: 0.024 min
Response: 54039
Conc: 63.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



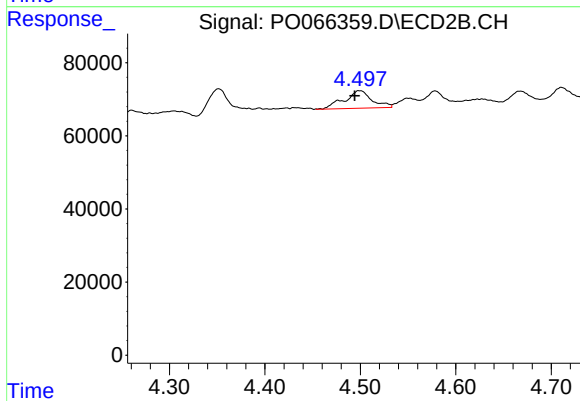
#16 AR-1242-1

R.T.: 4.498 min
Delta R.T.: 0.021 min
Response: 96521
Conc: 92.92 ng/ml



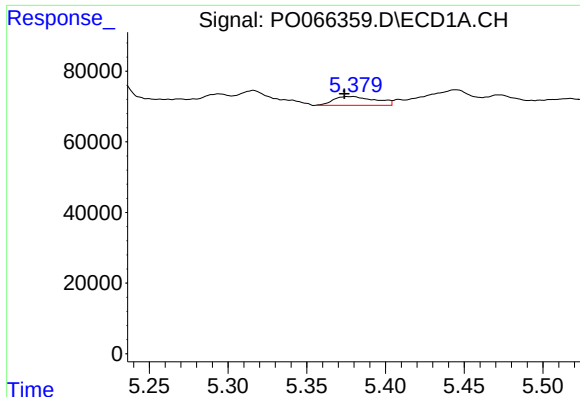
#17 AR-1242-2

R.T.: 5.316 min
Delta R.T.: 0.002 min
Response: 54039
Conc: 40.97 ng/ml



#17 AR-1242-2

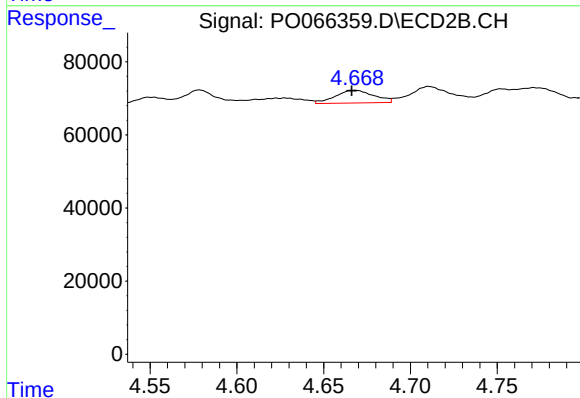
R.T.: 4.498 min
Delta R.T.: 0.004 min
Response: 96521
Conc: 48.63 ng/ml



#18 AR-1242-3

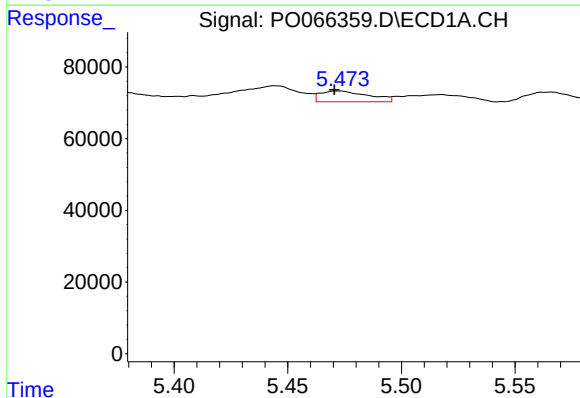
R.T.: 5.377 min
Delta R.T.: 0.003 min
Response: 46349
Conc: 59.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



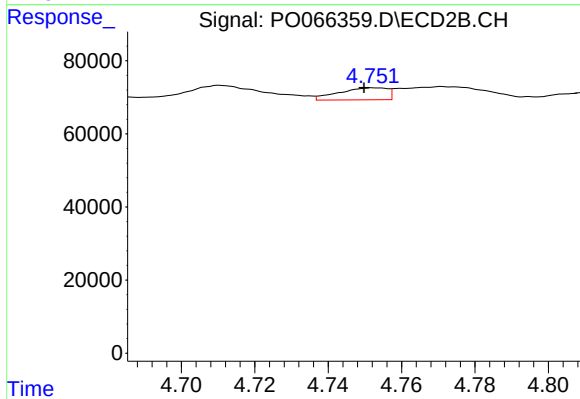
#18 AR-1242-3

R.T.: 4.668 min
Delta R.T.: 0.002 min
Response: 53632
Conc: 60.27 ng/ml



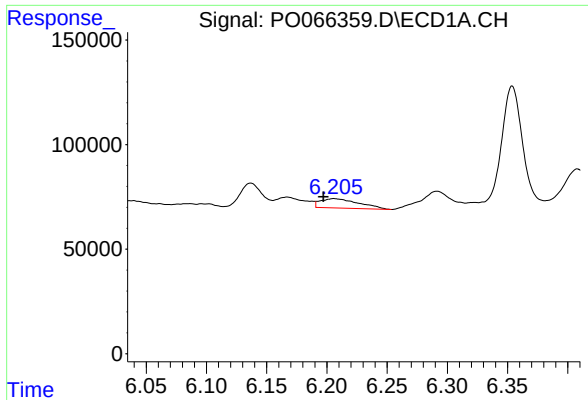
#19 AR-1242-4

R.T.: 5.472 min
Delta R.T.: 0.002 min
Response: 44368
Conc: 68.06 ng/ml



#19 AR-1242-4

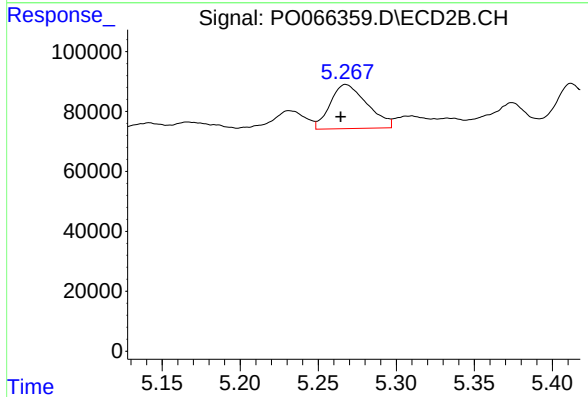
R.T.: 4.752 min
Delta R.T.: 0.002 min
Response: 30332
Conc: 34.92 ng/ml



#20 AR-1242-5

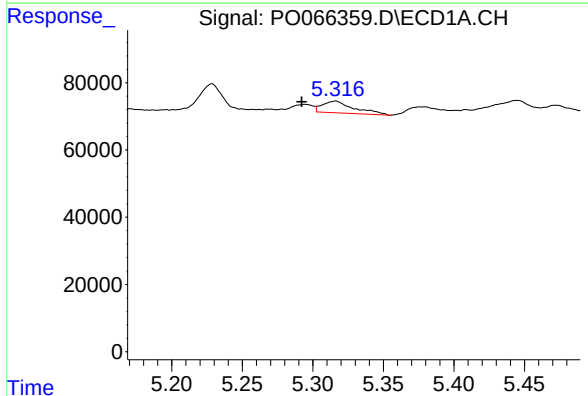
R.T.: 6.206 min
Delta R.T.: 0.009 min
Response: 99259
Conc: 122.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



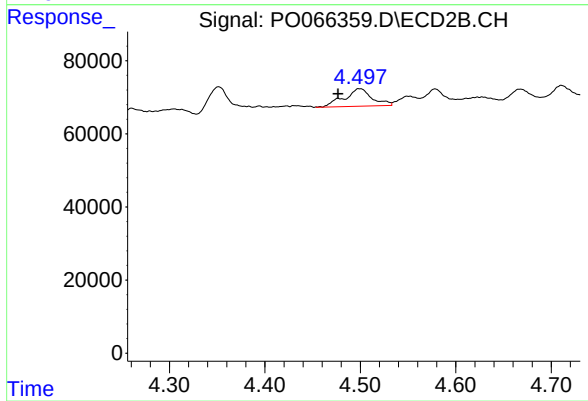
#20 AR-1242-5

R.T.: 5.268 min
Delta R.T.: 0.003 min
Response: 242801
Conc: 185.05 ng/ml



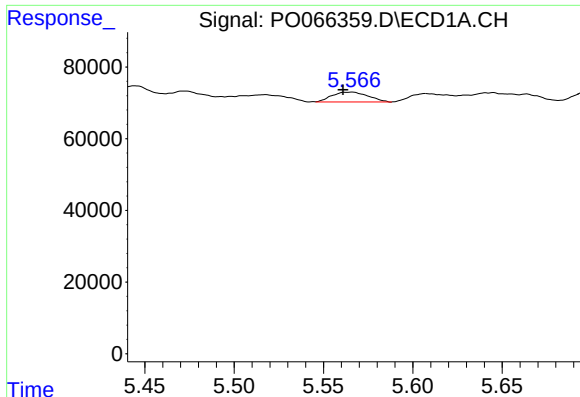
#21 AR-1248-1

R.T.: 5.316 min
Delta R.T.: 0.023 min
Response: 54039
Conc: 79.02 ng/ml



#21 AR-1248-1

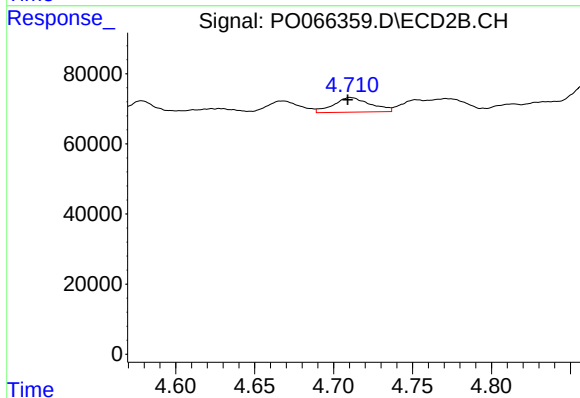
R.T.: 4.498 min
Delta R.T.: 0.021 min
Response: 96521
Conc: 118.70 ng/ml



#22 AR-1248-2

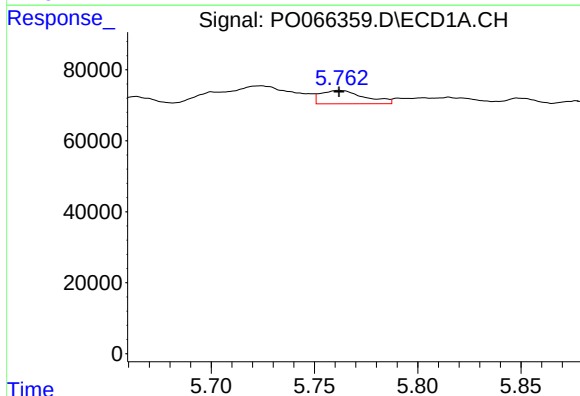
R.T.: 5.565 min
Delta R.T.: 0.004 min
Response: 38575
Conc: 41.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



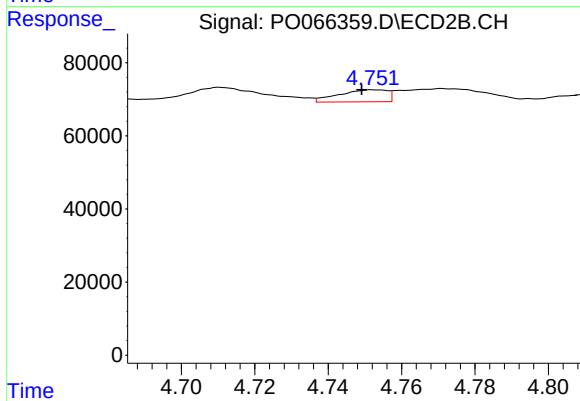
#22 AR-1248-2

R.T.: 4.710 min
Delta R.T.: 0.002 min
Response: 68417
Conc: 54.24 ng/ml



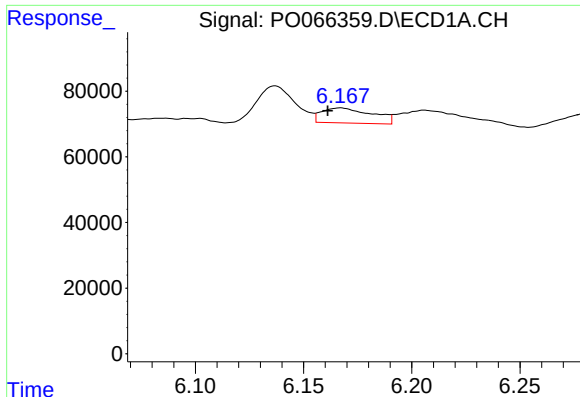
#23 AR-1248-3

R.T.: 5.762 min
Delta R.T.: 0.000 min
Response: 55129
Conc: 47.92 ng/ml



#23 AR-1248-3

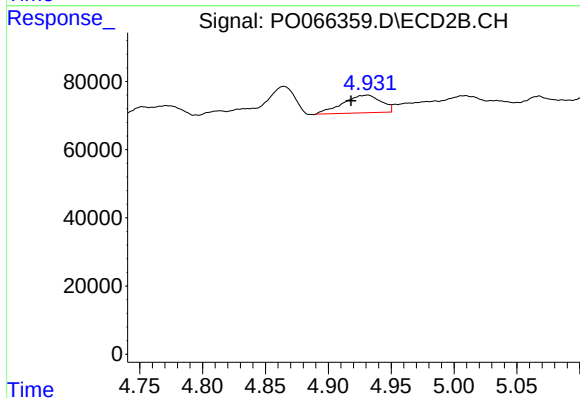
R.T.: 4.752 min
Delta R.T.: 0.003 min
Response: 30332
Conc: 23.65 ng/ml



#24 AR-1248-4

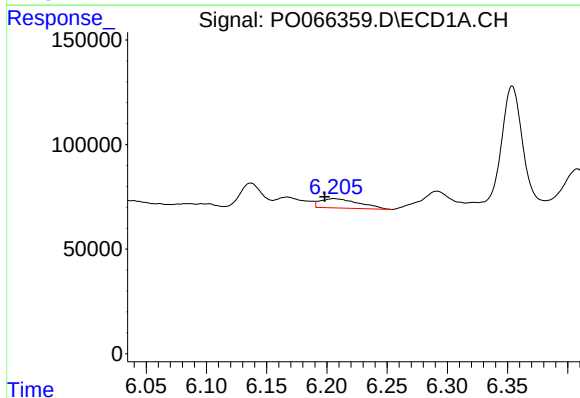
R.T.: 6.167 min
Delta R.T.: 0.006 min
Response: 74727
Conc: 50.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



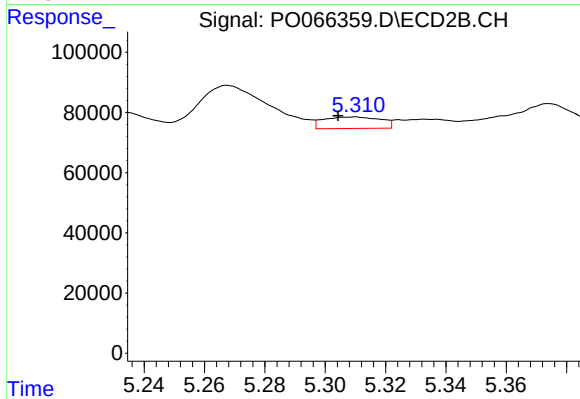
#24 AR-1248-4

R.T.: 4.931 min
Delta R.T.: 0.013 min
Response: 109803
Conc: 68.80 ng/ml



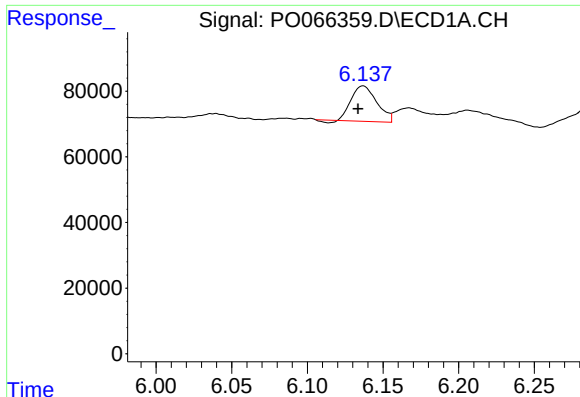
#25 AR-1248-5

R.T.: 6.206 min
Delta R.T.: 0.008 min
Response: 99259
Conc: 70.84 ng/ml



#25 AR-1248-5

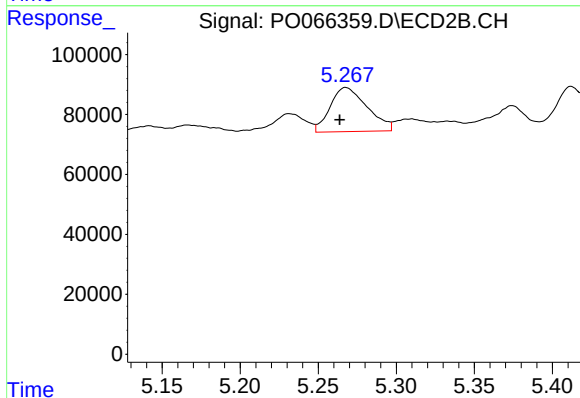
R.T.: 5.310 min
Delta R.T.: 0.005 min
Response: 50325
Conc: 28.30 ng/ml



#26 AR-1254-1

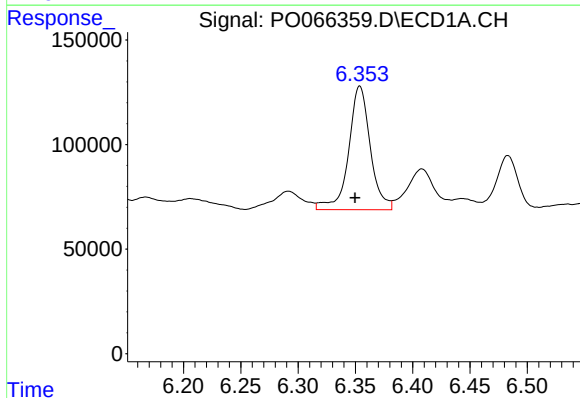
R.T.: 6.137 min
Delta R.T.: 0.003 min
Response: 124725
Conc: 85.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



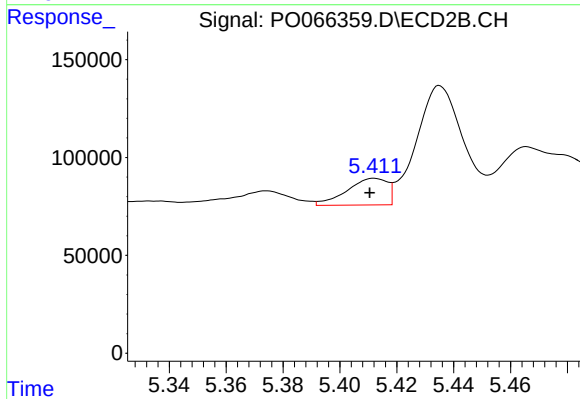
#26 AR-1254-1

R.T.: 5.268 min
Delta R.T.: 0.004 min
Response: 242801
Conc: 87.04 ng/ml



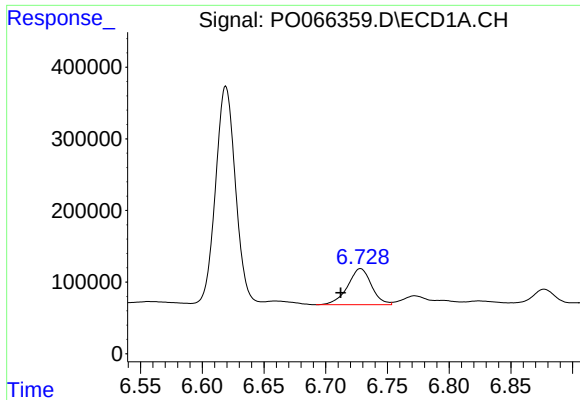
#27 AR-1254-2

R.T.: 6.354 min
Delta R.T.: 0.004 min
Response: 779235
Conc: 317.31 ng/ml



#27 AR-1254-2

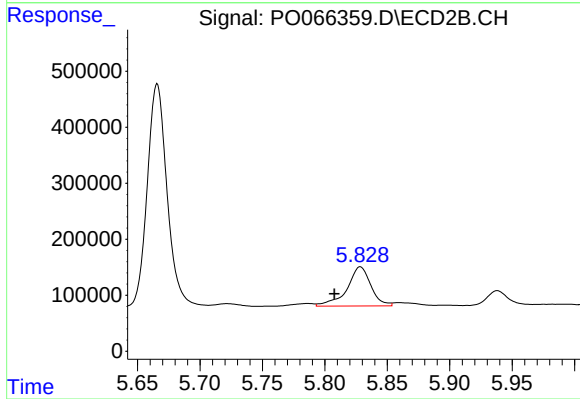
R.T.: 5.412 min
Delta R.T.: 0.002 min
Response: 134862
Conc: 51.64 ng/ml



#28 AR-1254-3

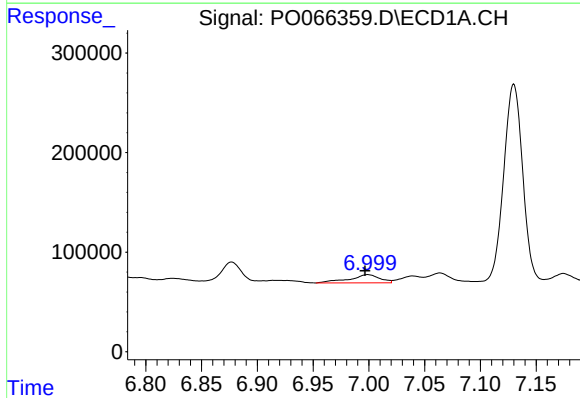
R.T.: 6.728 min
Delta R.T.: 0.016 min
Response: 674741
Conc: 250.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



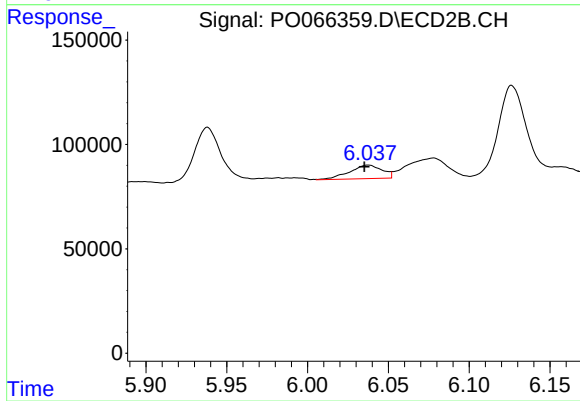
#28 AR-1254-3

R.T.: 5.828 min
Delta R.T.: 0.021 min
Response: 931367
Conc: 218.71 ng/ml



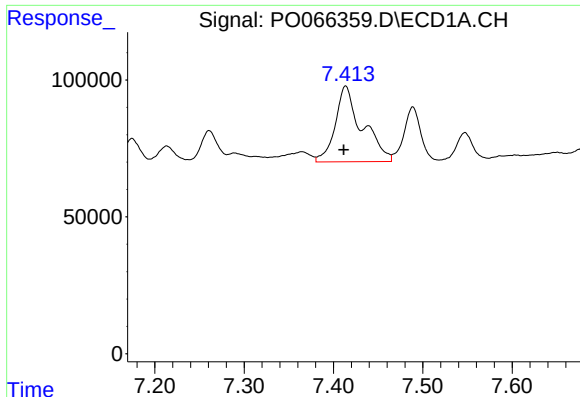
#29 AR-1254-4

R.T.: 6.999 min
Delta R.T.: 0.002 min
Response: 156734
Conc: 67.89 ng/ml



#29 AR-1254-4

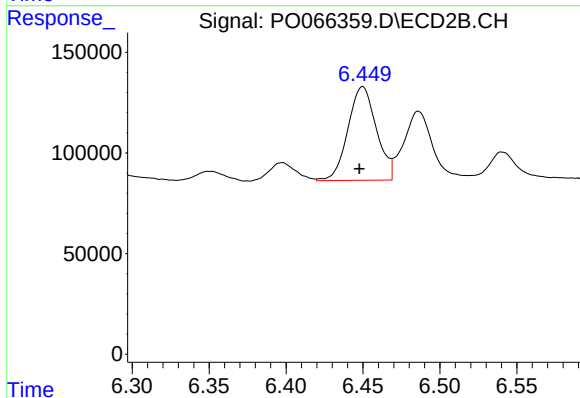
R.T.: 6.038 min
Delta R.T.: 0.002 min
Response: 90903
Conc: 29.66 ng/ml



#30 AR-1254-5

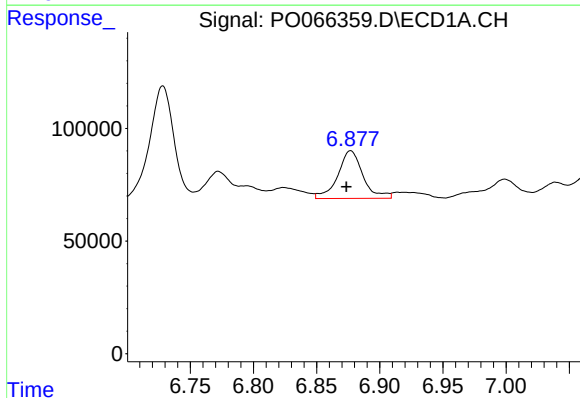
R.T.: 7.414 min
Delta R.T.: 0.002 min
Response: 579797
Conc: 246.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



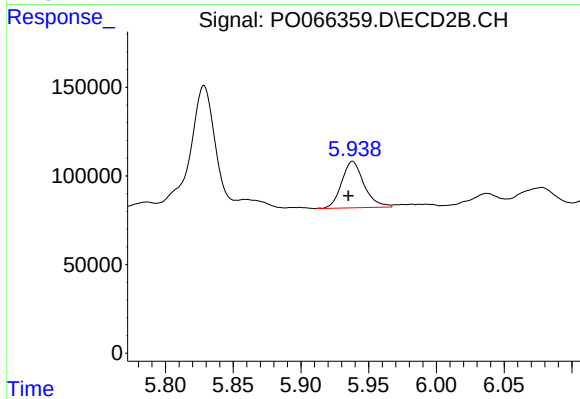
#30 AR-1254-5

R.T.: 6.450 min
Delta R.T.: 0.002 min
Response: 599687
Conc: 136.36 ng/ml



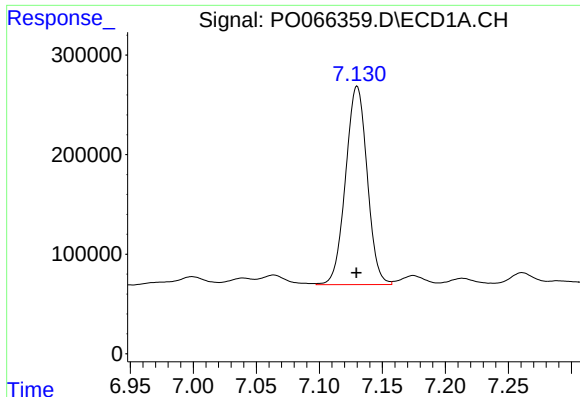
#31 AR-1260-1

R.T.: 6.877 min
Delta R.T.: 0.003 min
Response: 294534
Conc: 138.40 ng/ml



#31 AR-1260-1

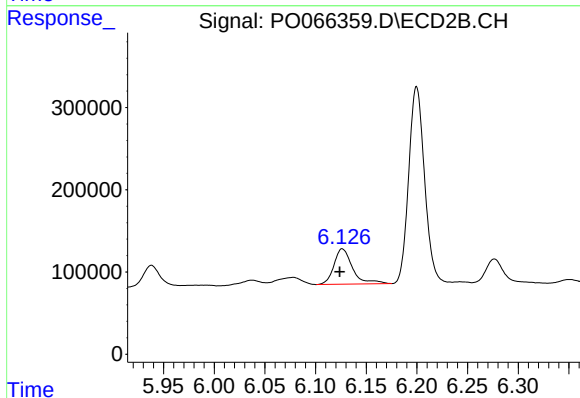
R.T.: 5.938 min
Delta R.T.: 0.003 min
Response: 302174
Conc: 91.32 ng/ml



#32 AR-1260-2

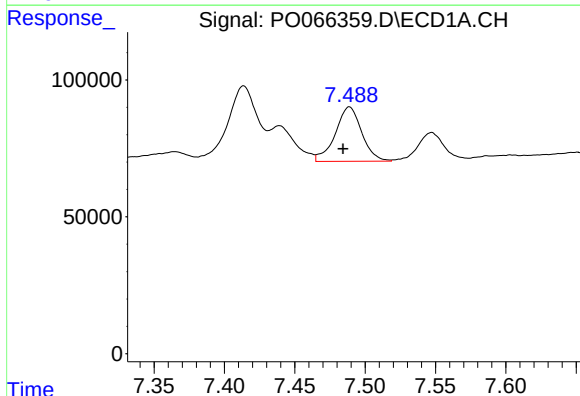
R.T.: 7.130 min
Delta R.T.: 0.000 min
Response: 2372939
Conc: 771.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



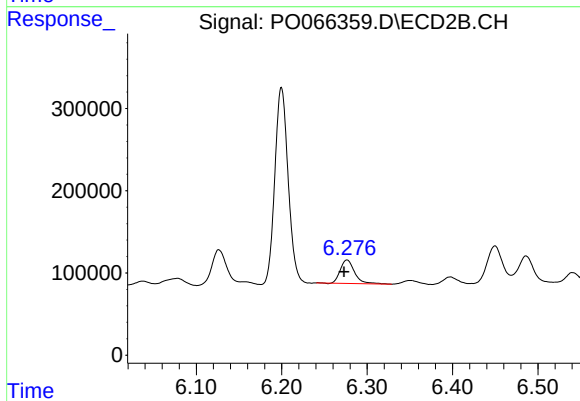
#32 AR-1260-2

R.T.: 6.126 min
Delta R.T.: 0.003 min
Response: 550324
Conc: 106.99 ng/ml



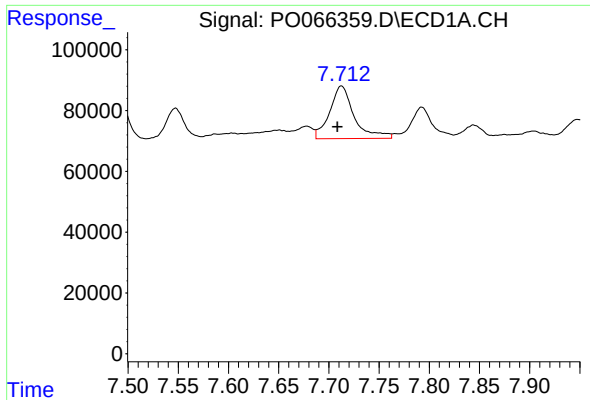
#33 AR-1260-3

R.T.: 7.489 min
Delta R.T.: 0.004 min
Response: 260189
Conc: 98.65 ng/ml



#33 AR-1260-3

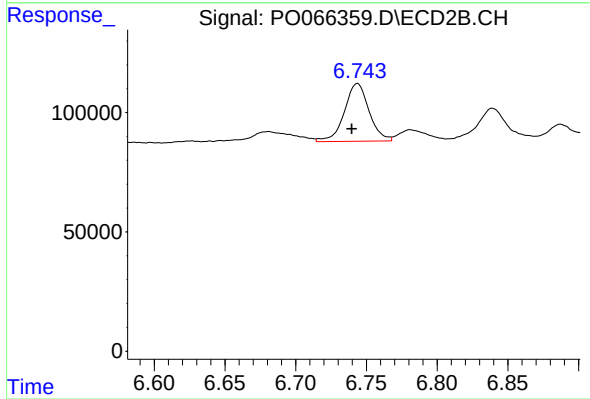
R.T.: 6.277 min
Delta R.T.: 0.003 min
Response: 330890
Conc: 84.42 ng/ml



#34 AR-1260-4

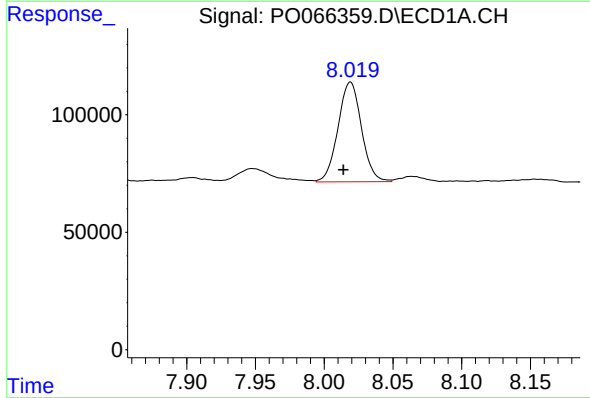
R.T.: 7.713 min
Delta R.T.: 0.004 min
Response: 293123
Conc: 117.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



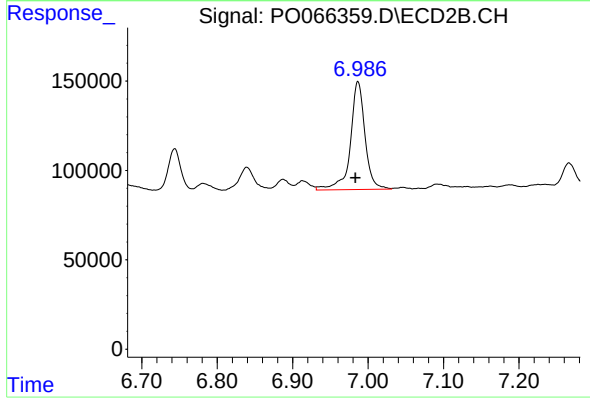
#34 AR-1260-4

R.T.: 6.744 min
Delta R.T.: 0.004 min
Response: 294364
Conc: 81.26 ng/ml



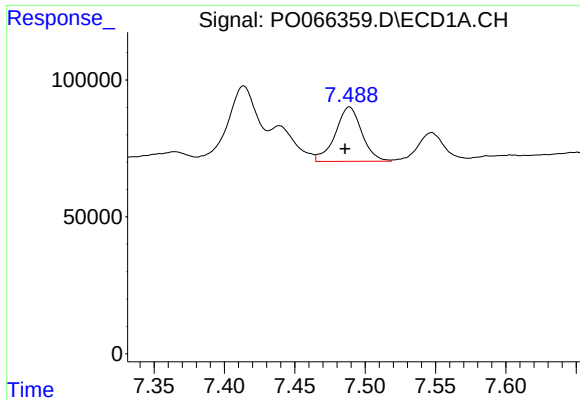
#35 AR-1260-5

R.T.: 8.019 min
Delta R.T.: 0.005 min
Response: 503368
Conc: 89.30 ng/ml



#35 AR-1260-5

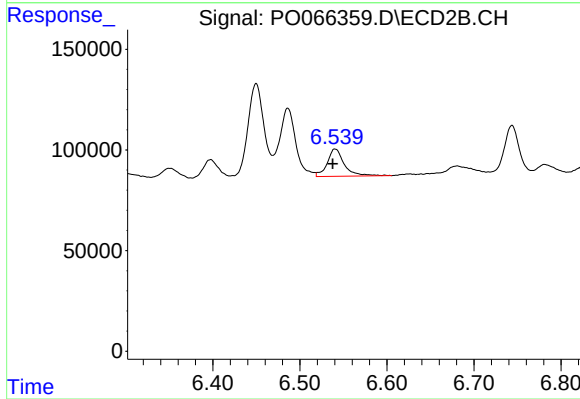
R.T.: 6.987 min
Delta R.T.: 0.004 min
Response: 816590
Conc: 84.93 ng/ml



#36 AR-1262-1

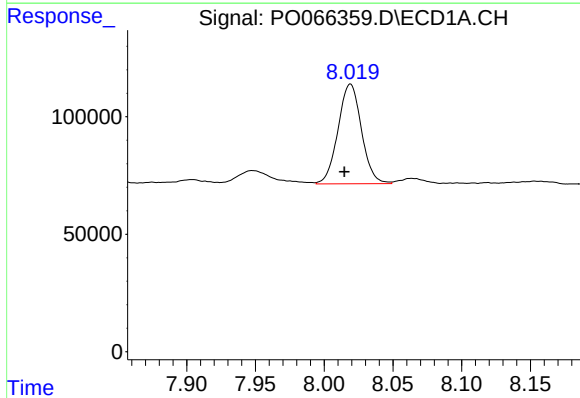
R.T.: 7.489 min
Delta R.T.: 0.003 min
Response: 260189
Conc: 75.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



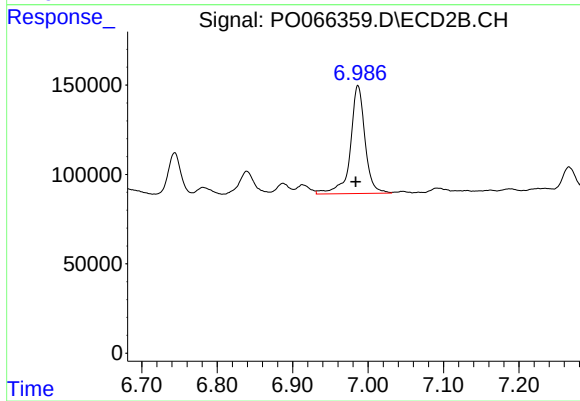
#36 AR-1262-1

R.T.: 6.540 min
Delta R.T.: 0.003 min
Response: 186253
Conc: 77.88 ng/ml



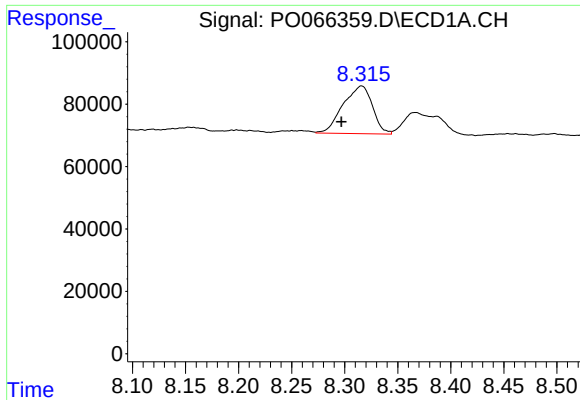
#37 AR-1262-2

R.T.: 8.019 min
Delta R.T.: 0.004 min
Response: 503368
Conc: 86.95 ng/ml



#37 AR-1262-2

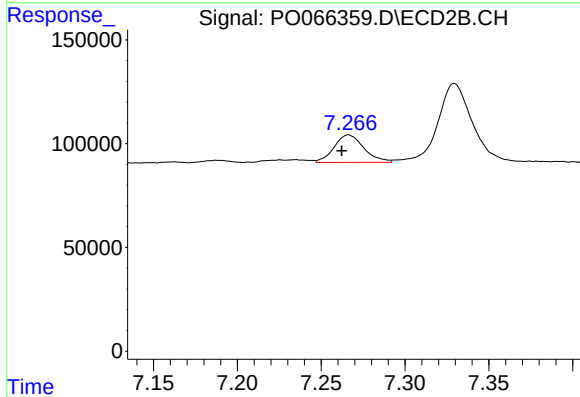
R.T.: 6.987 min
Delta R.T.: 0.003 min
Response: 816590
Conc: 81.87 ng/ml



#38 AR-1262-3

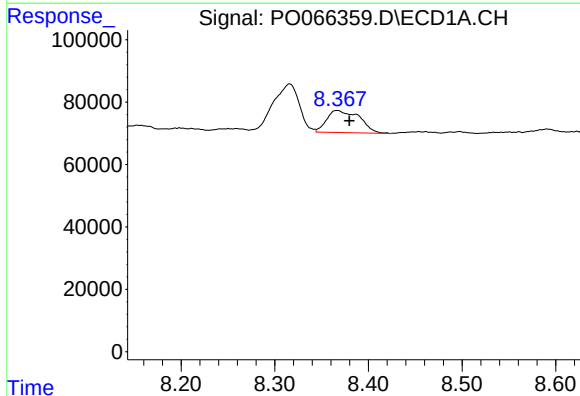
R.T.: 8.316 min
Delta R.T.: 0.019 min
Response: 295122
Conc: 80.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



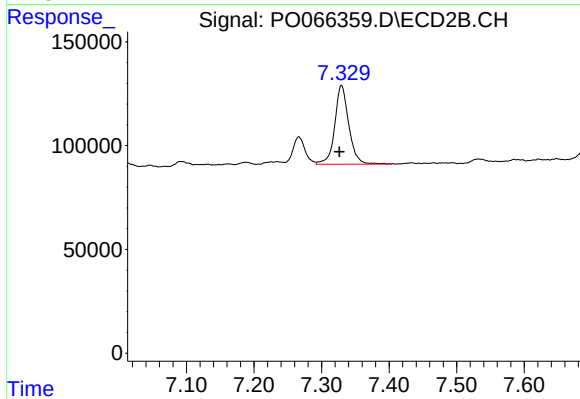
#38 AR-1262-3

R.T.: 7.266 min
Delta R.T.: 0.004 min
Response: 164570
Conc: 42.97 ng/ml



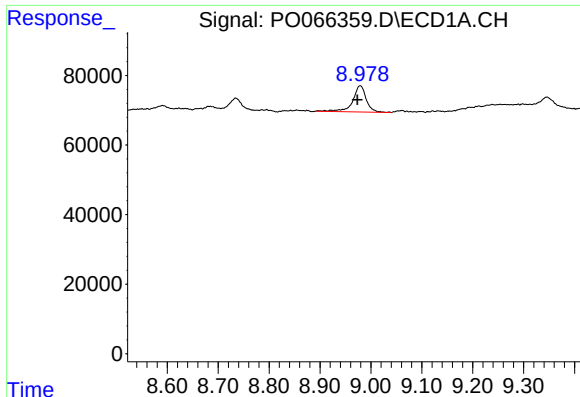
#39 AR-1262-4

R.T.: 8.367 min
Delta R.T.: -0.013 min
Response: 172504
Conc: 62.02 ng/ml



#39 AR-1262-4

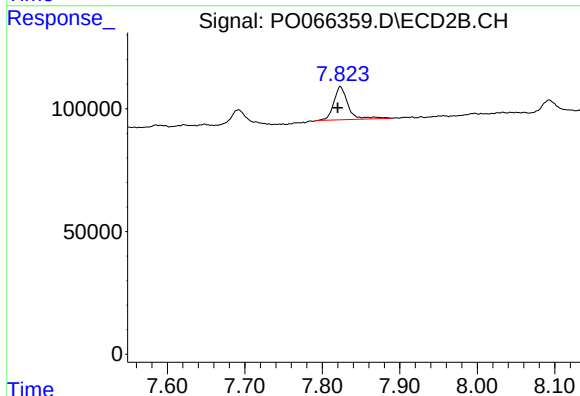
R.T.: 7.329 min
Delta R.T.: 0.003 min
Response: 549197
Conc: 85.80 ng/ml



#40 AR-1262-5

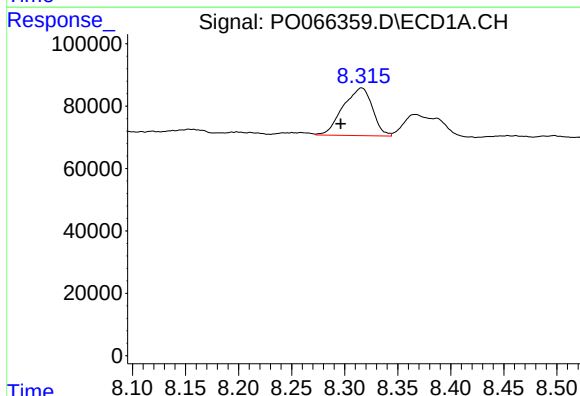
R.T.: 8.979 min
Delta R.T.: 0.005 min
Response: 137746
Conc: 77.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



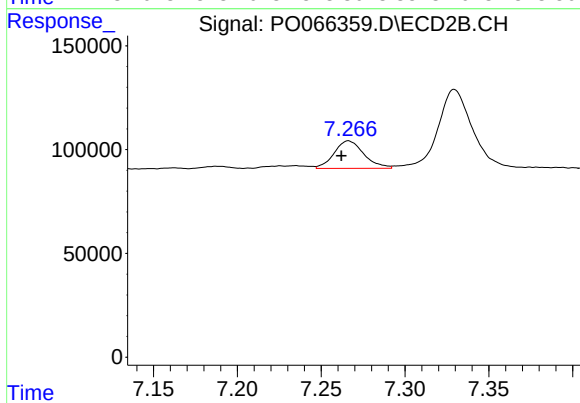
#40 AR-1262-5

R.T.: 7.823 min
Delta R.T.: 0.003 min
Response: 172935
Conc: 63.50 ng/ml



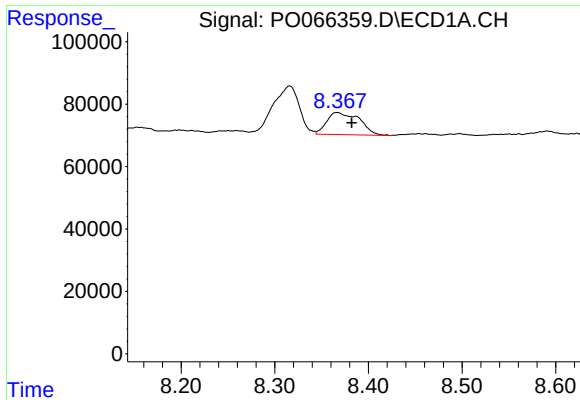
#41 AR-1268-1

R.T.: 8.316 min
Delta R.T.: 0.019 min
Response: 295122
Conc: 40.04 ng/ml



#41 AR-1268-1

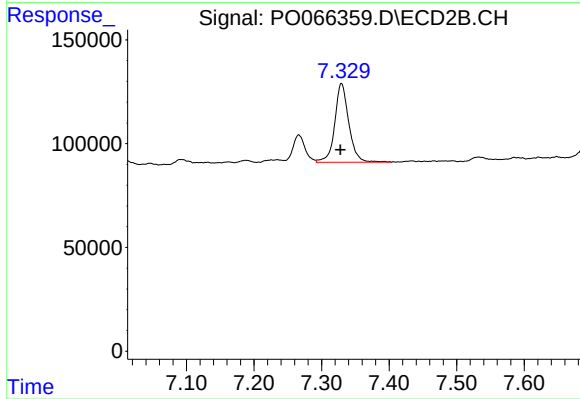
R.T.: 7.266 min
Delta R.T.: 0.004 min
Response: 164570
Conc: 13.23 ng/ml



#42 AR-1268-2

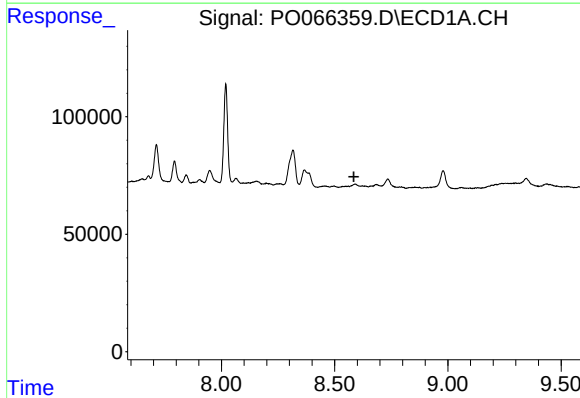
R.T.: 8.367 min
Delta R.T.: -0.016 min
Response: 172504
Conc: 27.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



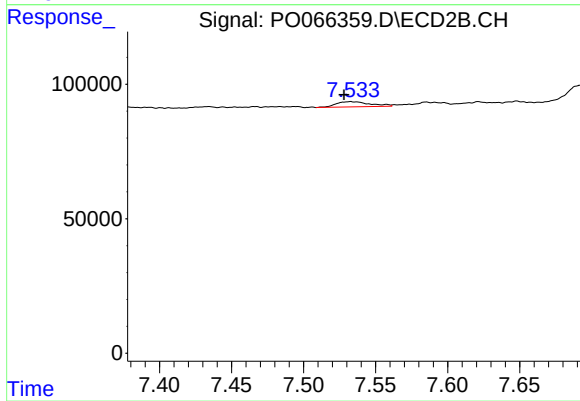
#42 AR-1268-2

R.T.: 7.329 min
Delta R.T.: 0.002 min
Response: 549197
Conc: 52.04 ng/ml



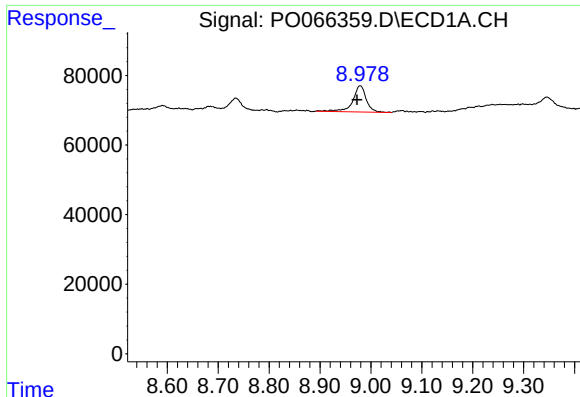
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.585 min
Response: 0
Conc: N.D.



#43 AR-1268-3

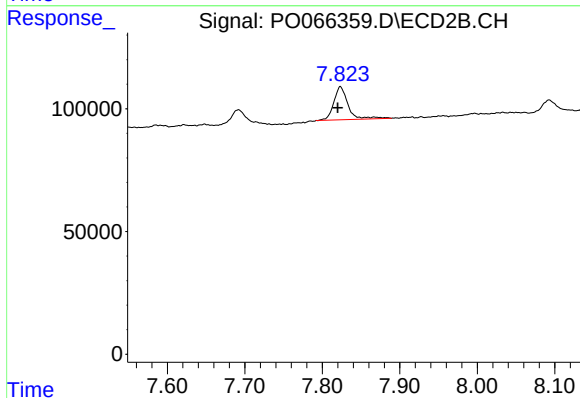
R.T.: 7.533 min
Delta R.T.: 0.004 min
Response: 32162
Conc: 3.68 ng/ml



#44 AR-1268-4

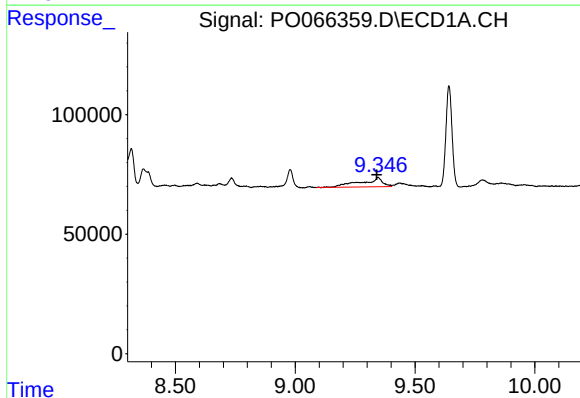
R.T.: 8.979 min
Delta R.T.: 0.006 min
Response: 137746
Conc: 64.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



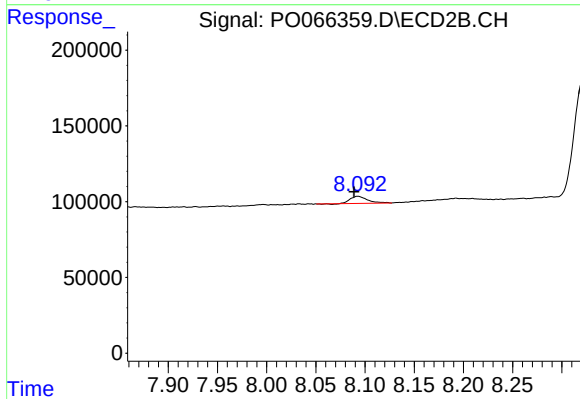
#44 AR-1268-4

R.T.: 7.823 min
Delta R.T.: 0.003 min
Response: 172935
Conc: 53.03 ng/ml



#45 AR-1268-5

R.T.: 9.346 min
Delta R.T.: 0.005 min
Response: 243074
Conc: 15.63 ng/ml



#45 AR-1268-5

R.T.: 8.093 min
Delta R.T.: 0.004 min
Response: 55831
Conc: 2.36 ng/ml