

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0012220\
 Data File : P0065790.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 22 Jan 2020 18:40
 Operator : DD\AJ
 Sample : L1161-03
 Misc : AR1660 MDL 25 PPB
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 23 01:12:01 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0010420.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jan 04 04:01:28 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...	4.161	3.436	372428	465521	20.395	21.163
2)	SA Decachlor...	9.658	8.335	662397	794407	19.550	19.156
Target Compounds							
3)	L1 AR-1016-1	5.312	4.496	22325	31974	25.598	31.032
4)	L1 AR-1016-2	5.332	4.513	34123	43970	26.603	30.342
5)	L1 AR-1016-3	5.394	4.685	21377	22439	27.133	28.862
6)	L1 AR-1016-4	5.491	4.728	20077	18119	31.116	27.102
7)	L1 AR-1016-5	5.781	4.937	16874	26424	25.454	31.055
9)	L2 AR-1221-2	4.460	3.803	7583	15012	48.567	76.133 #
10)	L2 AR-1221-3	4.529	3.803	12574	15012	24.078	23.299
11)	L3 AR-1232-1	4.529	3.803	12574	15012	31.088	30.131
12)	L3 AR-1232-2	5.047	4.513	16097	43970	76.547	81.540
13)	L3 AR-1232-3	5.332	4.685	34123	22439	73.076	78.882
14)	L3 AR-1232-4	5.491	4.768	20077	18490	86.053	69.166
15)	L3 AR-1232-5	5.580	4.937	17320	26424	97.965	92.170
16)	L4 AR-1242-1	5.312	4.496	22325	31974	38.347	46.910
17)	L4 AR-1242-2	5.332	4.513	34123	43970	39.906	45.882
18)	L4 AR-1242-3	5.394	4.685	21377	22439	40.766	43.778
19)	L4 AR-1242-4	5.491	4.768	20077	18490	47.389	35.377 #
20)	L4 AR-1242-5	0.000	5.283	0	19142	N.D.	26.338 #
21)	L5 AR-1248-1	5.312	4.496	22325	31974	47.979	57.677
22)	L5 AR-1248-2	5.580	4.728	17320	18119	26.249	23.616
23)	L5 AR-1248-3	5.781	4.768	16874	18490	22.395	23.501
24)	L5 AR-1248-4	6.151	4.937	19646	26424	20.740	27.568 #
25)	L5 AR-1248-5	0.000	5.283	0	19142	N.D.	18.910 #
26)	L6 AR-1254-1	6.151	5.283	19646	19142	23.158	13.213 #
27)	L6 AR-1254-2	6.369	5.428	18391	21650	13.383	16.368
28)	L6 AR-1254-3	6.737	5.840	22263	36933	14.364	16.389
29)	L6 AR-1254-4	7.011	6.083	12284	11956	9.637	7.931
30)	L6 AR-1254-5	7.428	6.465	60306	74785	42.943	33.597
31)	L7 AR-1260-1	6.892	5.954	44567	56983	32.313	30.267
32)	L7 AR-1260-2	7.147	6.141	55810	87544	31.809	36.034
33)	L7 AR-1260-3	7.504	6.291	43304	60247	30.638	27.834
34)	L7 AR-1260-4	7.727	6.758	45361	50882	25.979	25.362
35)	L7 AR-1260-5	8.031	7.000	93981	118701	28.024	23.978
36)	L8 AR-1262-1	7.504	6.555	43304	29245	26.177	31.021
37)	L8 AR-1262-2	8.031	7.000	93981	118701	29.347	26.417
38)	L8 AR-1262-3	8.329	7.279	58029	28850	25.491	17.141 #
39)	L8 AR-1262-4	8.381	7.343	38283	89043	21.657	25.892
40)	L8 AR-1262-5	8.992	7.835	26285	31007	19.759	18.184
41)	L9 AR-1268-1	8.329	7.279	58029	28850	14.264	5.432 #
42)	L9 AR-1268-2	8.381	7.343	38283	89043	9.947	17.530 #

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 ALS Vial : 11 Sample Multiplier: 1

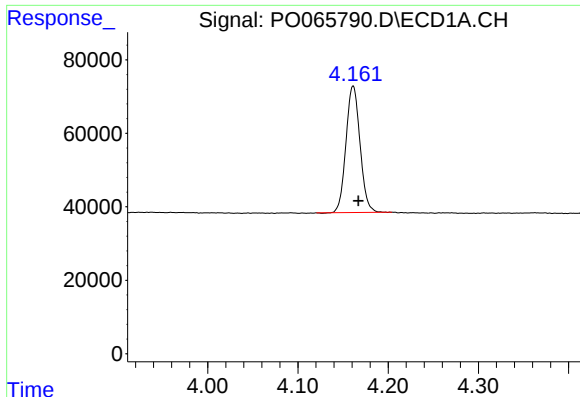
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 23 01:12:01 2020
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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
43) L9	AR-1268-3	8.602	0.000	8570	0	2.663	N.D. #
44) L9	AR-1268-4	8.992	7.835	26285	31007	17.112	15.666
45) L9	AR-1268-5	9.364	8.105	18134	13432	1.637	0.934 #

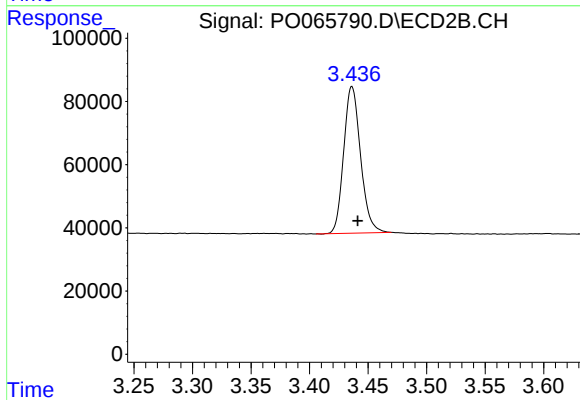
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

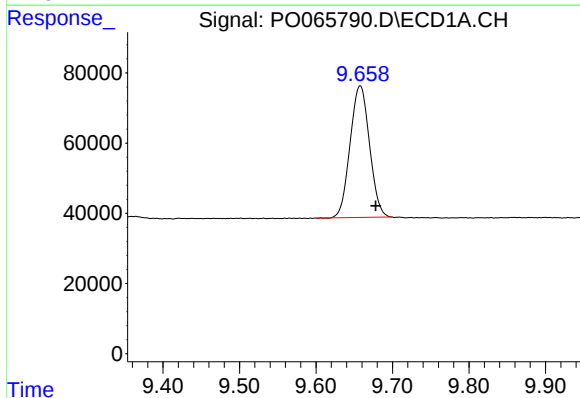
R.T.: 4.161 min
Delta R.T.: -0.006 min
Response: 372428
Conc: 20.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



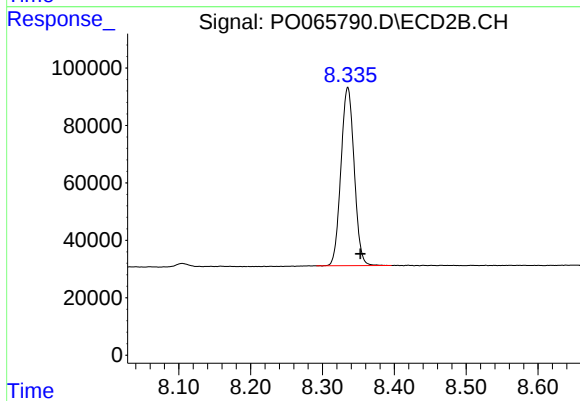
#1 Tetrachloro-m-xylene

R.T.: 3.436 min
Delta R.T.: -0.005 min
Response: 465521
Conc: 21.16 ng/ml



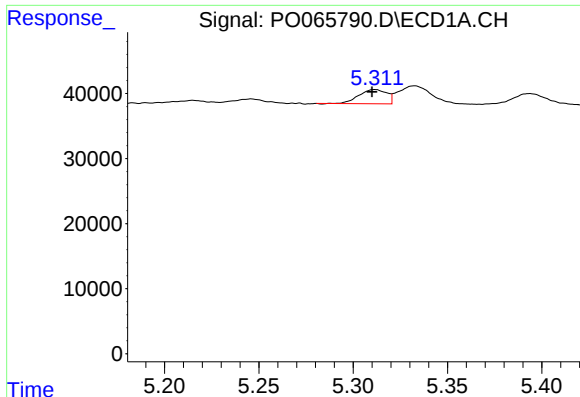
#2 Decachlorobiphenyl

R.T.: 9.658 min
Delta R.T.: -0.020 min
Response: 662397
Conc: 19.55 ng/ml



#2 Decachlorobiphenyl

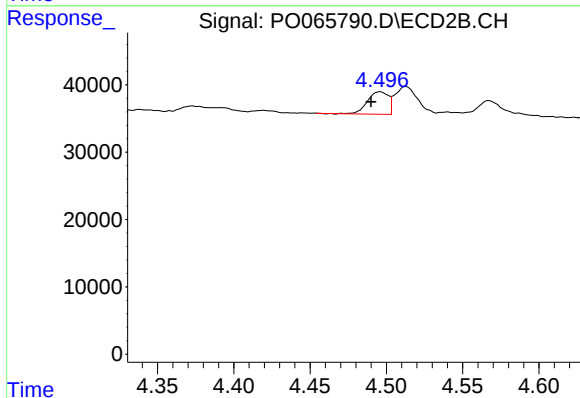
R.T.: 8.335 min
Delta R.T.: -0.017 min
Response: 794407
Conc: 19.16 ng/ml



#3 AR-1016-1

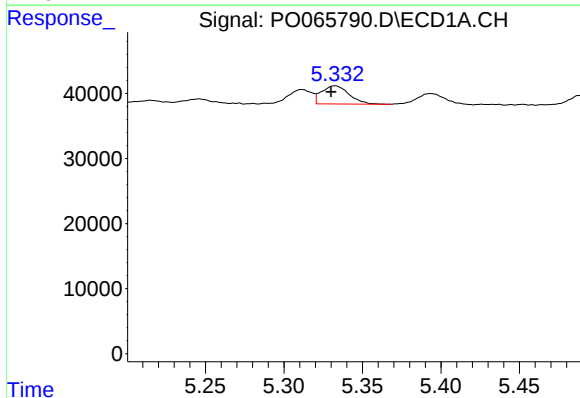
R.T.: 5.312 min
Delta R.T.: 0.002 min
Response: 22325
Conc: 25.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



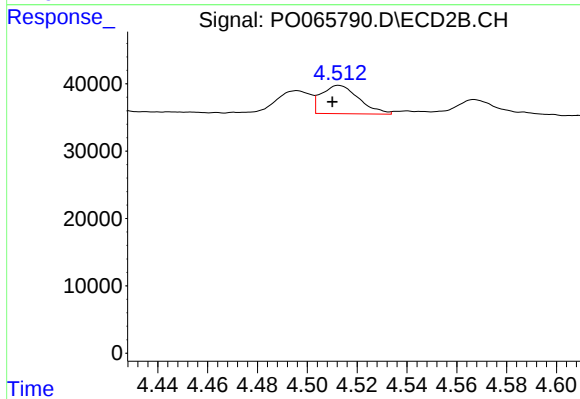
#3 AR-1016-1

R.T.: 4.496 min
Delta R.T.: 0.006 min
Response: 31974
Conc: 31.03 ng/ml



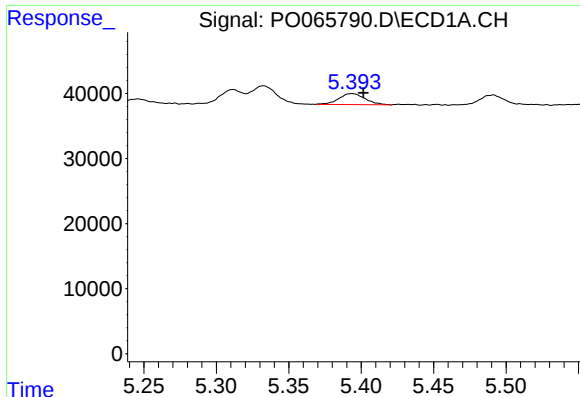
#4 AR-1016-2

R.T.: 5.332 min
Delta R.T.: 0.002 min
Response: 34123
Conc: 26.60 ng/ml



#4 AR-1016-2

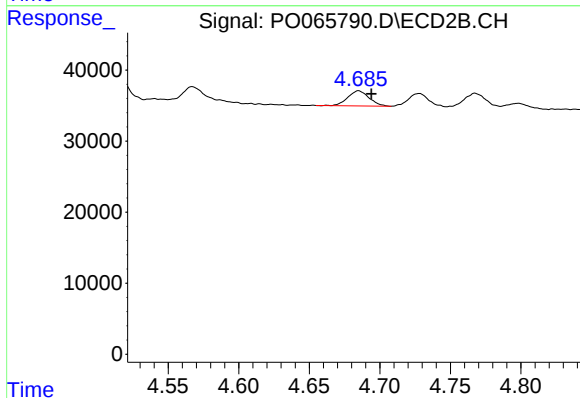
R.T.: 4.513 min
Delta R.T.: 0.003 min
Response: 43970
Conc: 30.34 ng/ml



#5 AR-1016-3

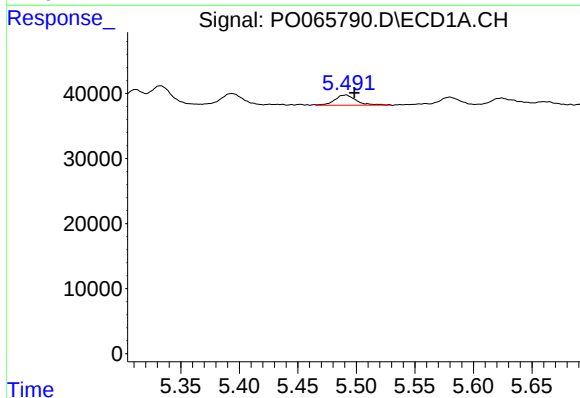
R.T.: 5.394 min
Delta R.T.: -0.008 min
Response: 21377
Conc: 27.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



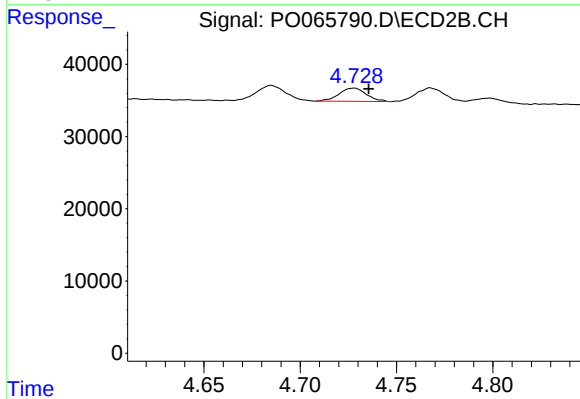
#5 AR-1016-3

R.T.: 4.685 min
Delta R.T.: -0.009 min
Response: 22439
Conc: 28.86 ng/ml



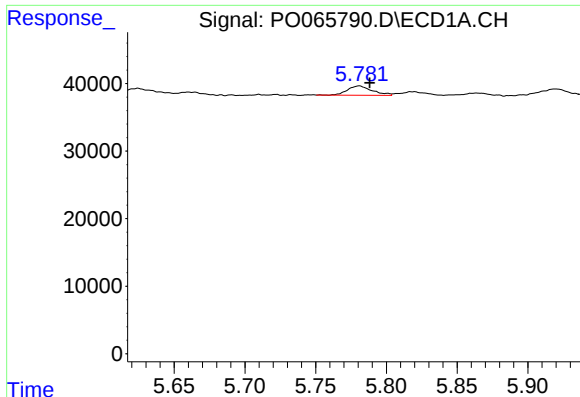
#6 AR-1016-4

R.T.: 5.491 min
Delta R.T.: -0.007 min
Response: 20077
Conc: 31.12 ng/ml



#6 AR-1016-4

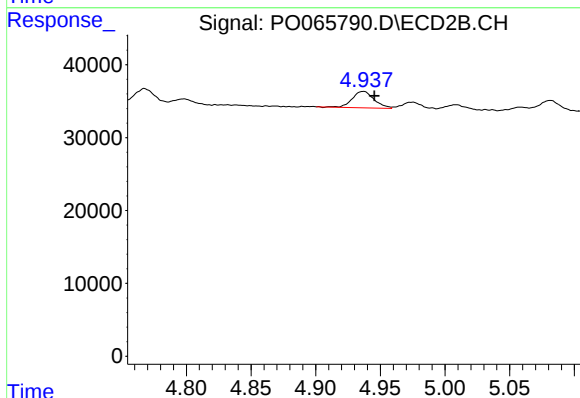
R.T.: 4.728 min
Delta R.T.: -0.008 min
Response: 18119
Conc: 27.10 ng/ml



#7 AR-1016-5

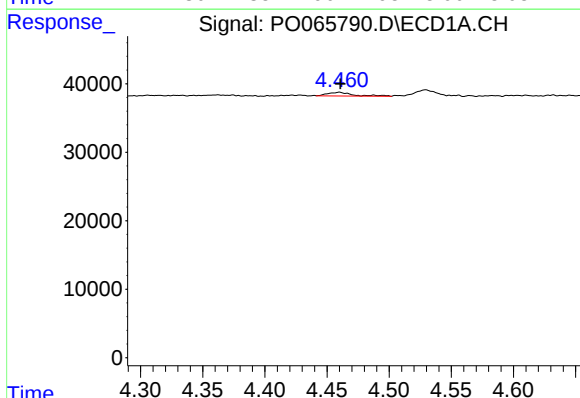
R.T.: 5.781 min
Delta R.T.: -0.007 min
Response: 16874
Conc: 25.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



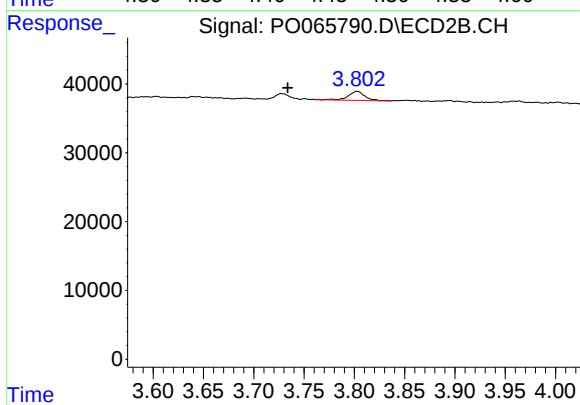
#7 AR-1016-5

R.T.: 4.937 min
Delta R.T.: -0.008 min
Response: 26424
Conc: 31.06 ng/ml



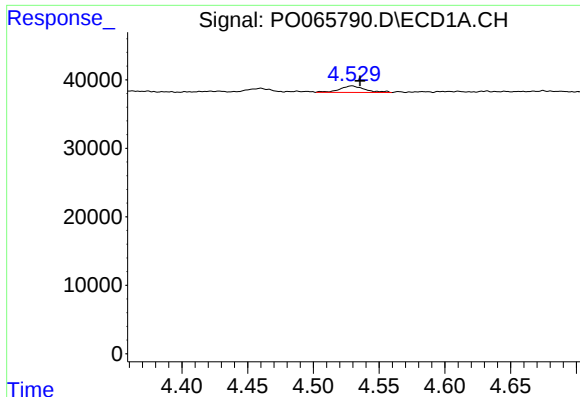
#9 AR-1221-2

R.T.: 4.460 min
Delta R.T.: 0.000 min
Response: 7583
Conc: 48.57 ng/ml



#9 AR-1221-2

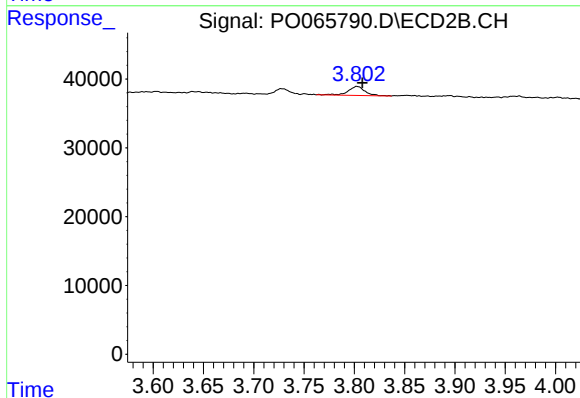
R.T.: 3.803 min
Delta R.T.: 0.069 min
Response: 15012
Conc: 76.13 ng/ml



#10 AR-1221-3

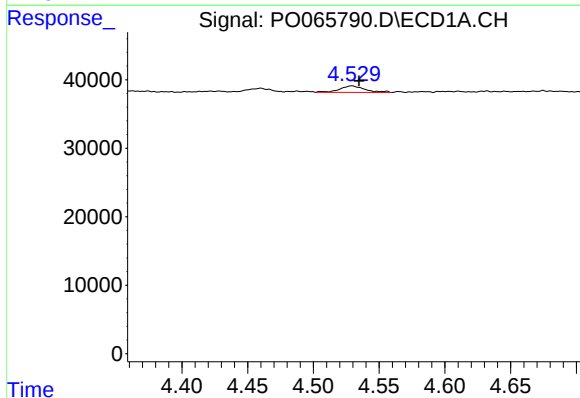
R.T.: 4.529 min
Delta R.T.: -0.006 min
Response: 12574
Conc: 24.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



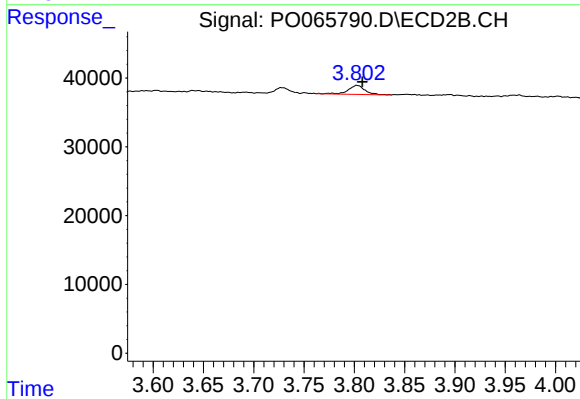
#10 AR-1221-3

R.T.: 3.803 min
Delta R.T.: -0.005 min
Response: 15012
Conc: 23.30 ng/ml



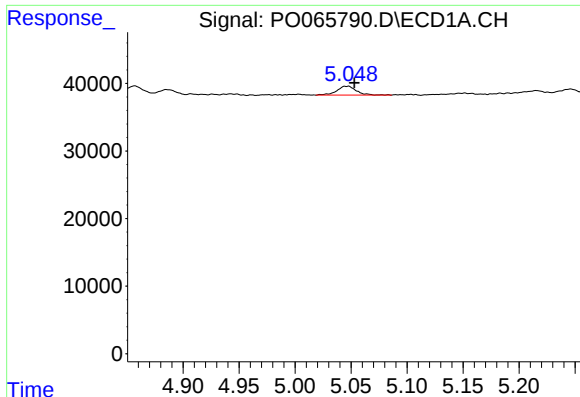
#11 AR-1232-1

R.T.: 4.529 min
Delta R.T.: -0.006 min
Response: 12574
Conc: 31.09 ng/ml



#11 AR-1232-1

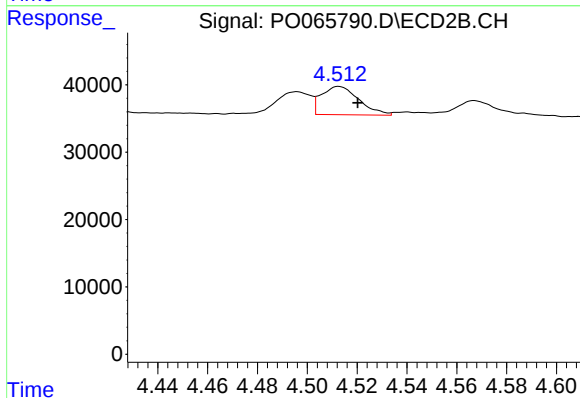
R.T.: 3.803 min
Delta R.T.: -0.005 min
Response: 15012
Conc: 30.13 ng/ml



#12 AR-1232-2

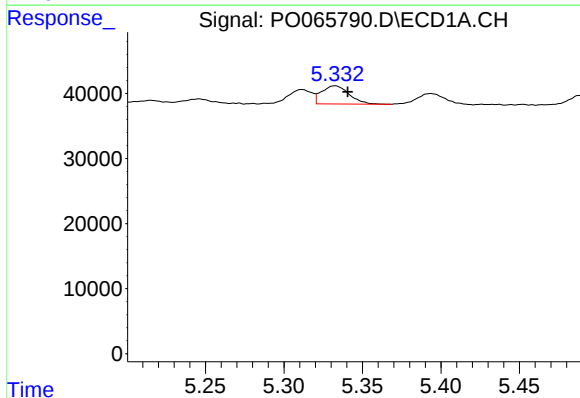
R.T.: 5.047 min
Delta R.T.: -0.006 min
Response: 16097
Conc: 76.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



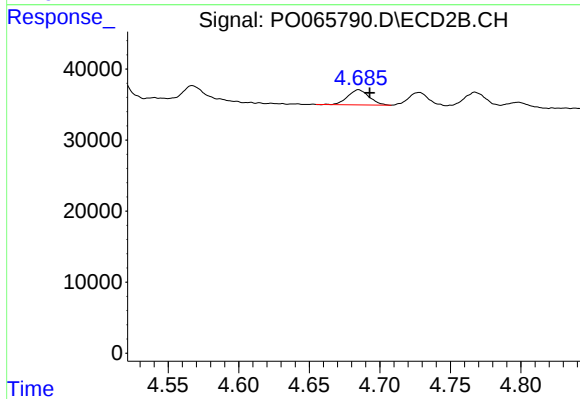
#12 AR-1232-2

R.T.: 4.513 min
Delta R.T.: -0.008 min
Response: 43970
Conc: 81.54 ng/ml



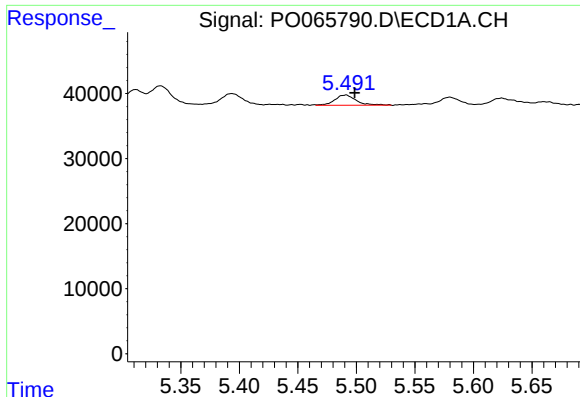
#13 AR-1232-3

R.T.: 5.332 min
Delta R.T.: -0.008 min
Response: 34123
Conc: 73.08 ng/ml



#13 AR-1232-3

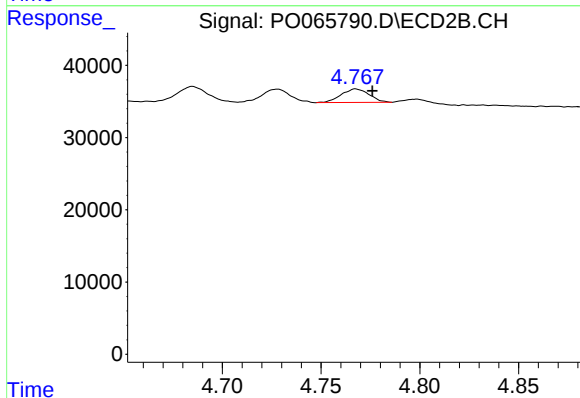
R.T.: 4.685 min
Delta R.T.: -0.008 min
Response: 22439
Conc: 78.88 ng/ml



#14 AR-1232-4

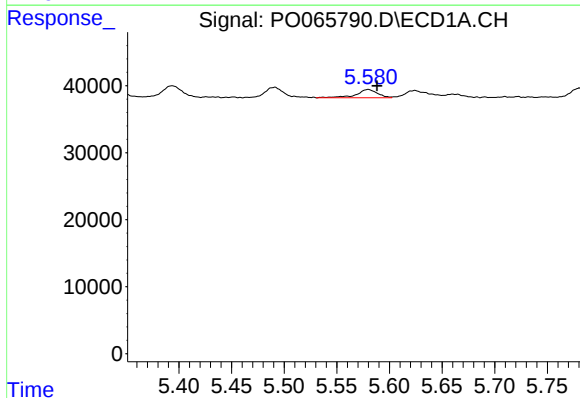
R.T.: 5.491 min
Delta R.T.: -0.008 min
Response: 20077
Conc: 86.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



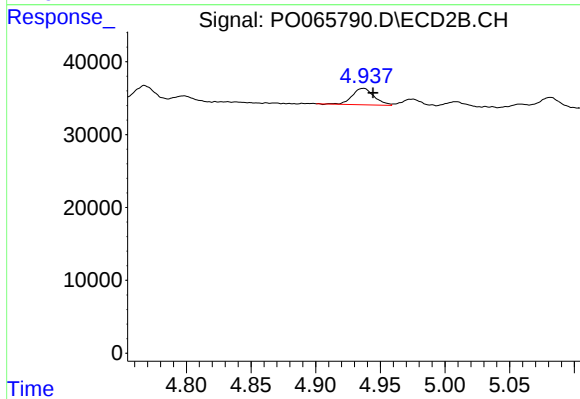
#14 AR-1232-4

R.T.: 4.768 min
Delta R.T.: -0.008 min
Response: 18490
Conc: 69.17 ng/ml



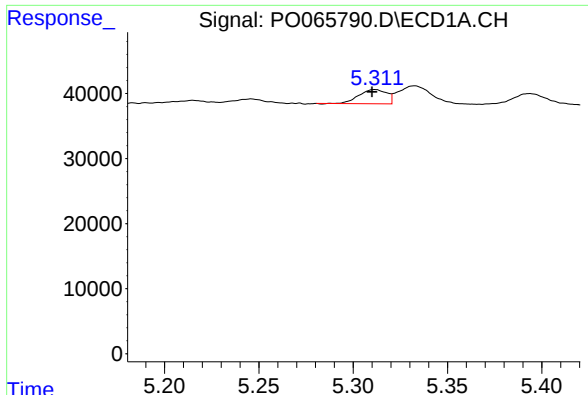
#15 AR-1232-5

R.T.: 5.580 min
Delta R.T.: -0.008 min
Response: 17320
Conc: 97.97 ng/ml



#15 AR-1232-5

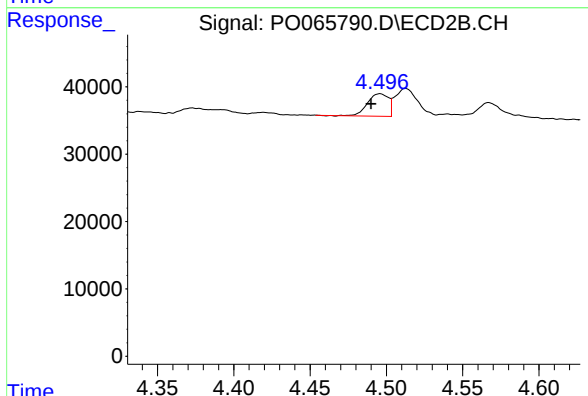
R.T.: 4.937 min
Delta R.T.: -0.008 min
Response: 26424
Conc: 92.17 ng/ml



#16 AR-1242-1

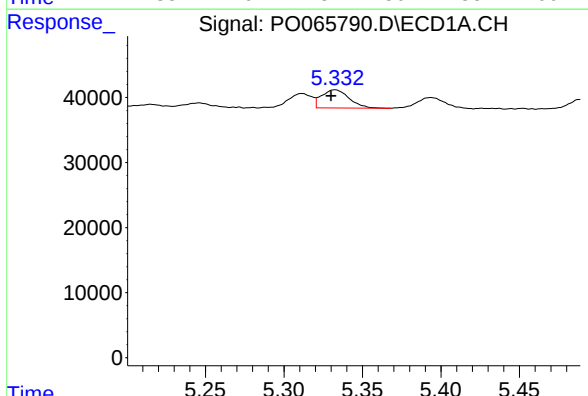
R.T.: 5.312 min
Delta R.T.: 0.002 min
Response: 22325
Conc: 38.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



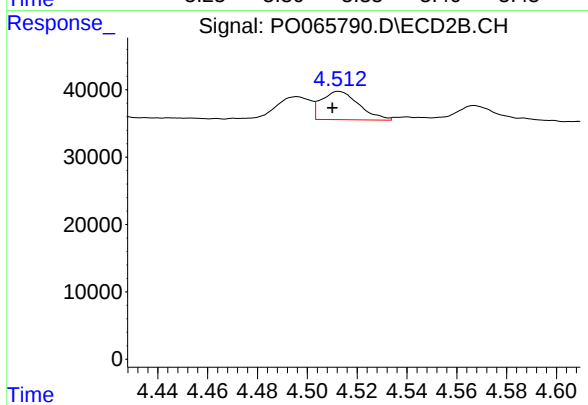
#16 AR-1242-1

R.T.: 4.496 min
Delta R.T.: 0.006 min
Response: 31974
Conc: 46.91 ng/ml



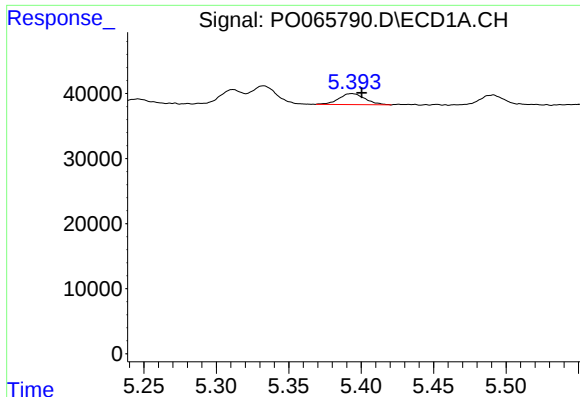
#17 AR-1242-2

R.T.: 5.332 min
Delta R.T.: 0.002 min
Response: 34123
Conc: 39.91 ng/ml



#17 AR-1242-2

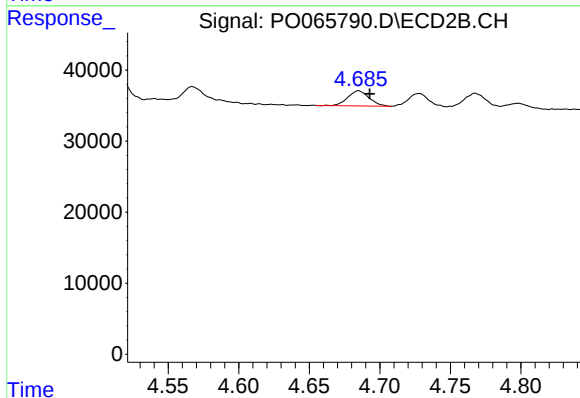
R.T.: 4.513 min
Delta R.T.: 0.003 min
Response: 43970
Conc: 45.88 ng/ml



#18 AR-1242-3

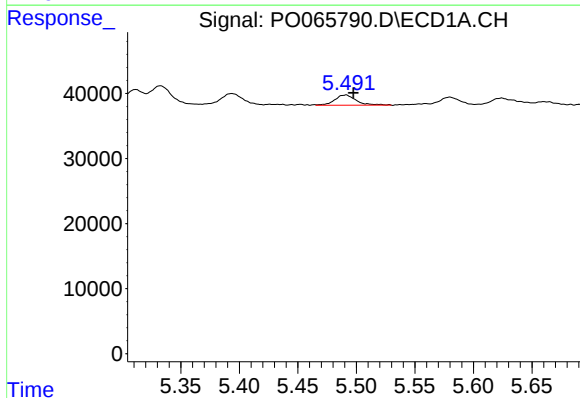
R.T.: 5.394 min
Delta R.T.: -0.007 min
Response: 21377
Conc: 40.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



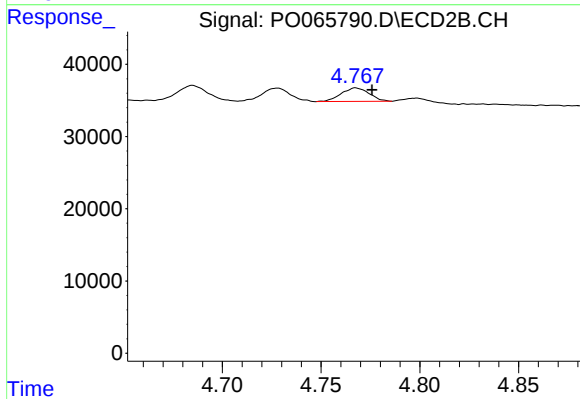
#18 AR-1242-3

R.T.: 4.685 min
Delta R.T.: -0.008 min
Response: 22439
Conc: 43.78 ng/ml



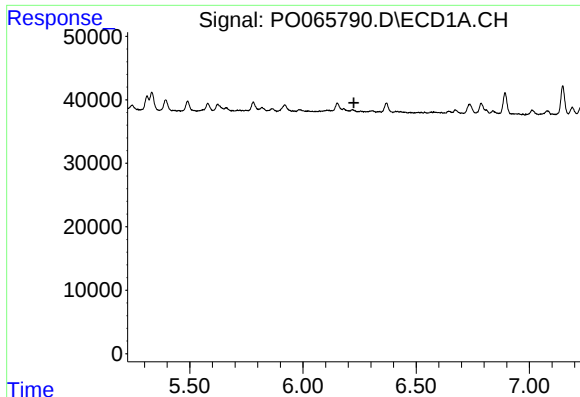
#19 AR-1242-4

R.T.: 5.491 min
Delta R.T.: -0.007 min
Response: 20077
Conc: 47.39 ng/ml



#19 AR-1242-4

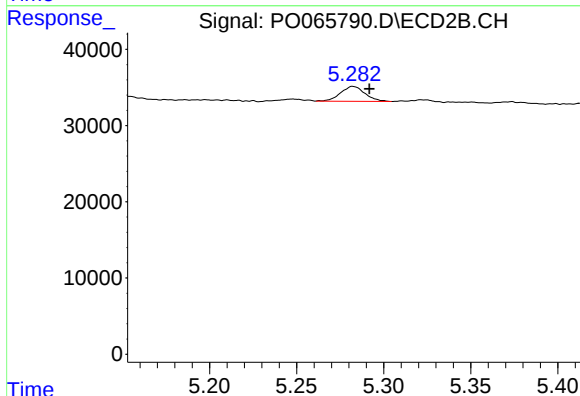
R.T.: 4.768 min
Delta R.T.: -0.008 min
Response: 18490
Conc: 35.38 ng/ml



#20 AR-1242-5

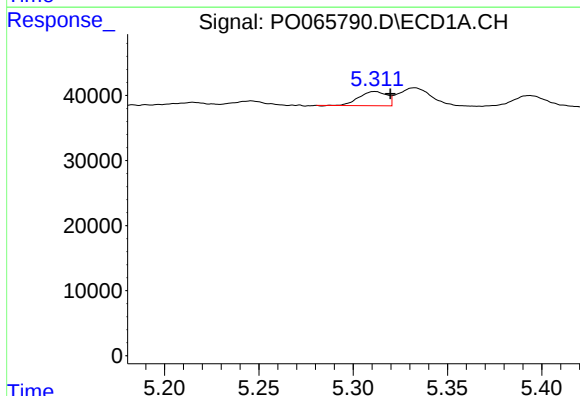
R.T.: 0.000 min
Exp R.T.: 6.225 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



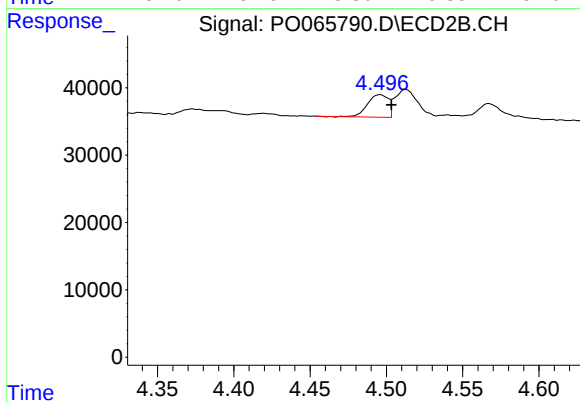
#20 AR-1242-5

R.T.: 5.283 min
Delta R.T.: -0.009 min
Response: 19142
Conc: 26.34 ng/ml



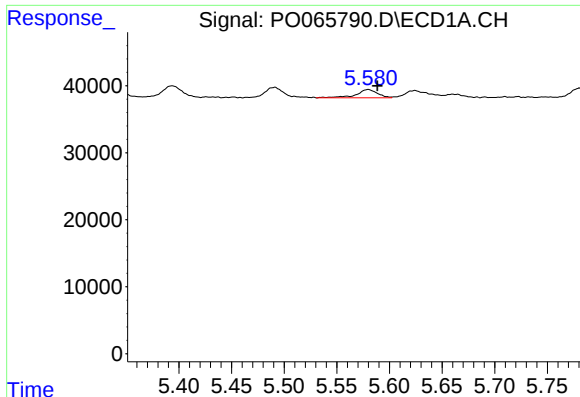
#21 AR-1248-1

R.T.: 5.312 min
Delta R.T.: -0.008 min
Response: 22325
Conc: 47.98 ng/ml



#21 AR-1248-1

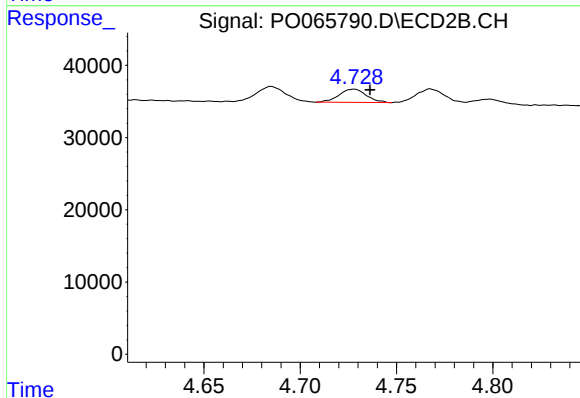
R.T.: 4.496 min
Delta R.T.: -0.008 min
Response: 31974
Conc: 57.68 ng/ml



#22 AR-1248-2

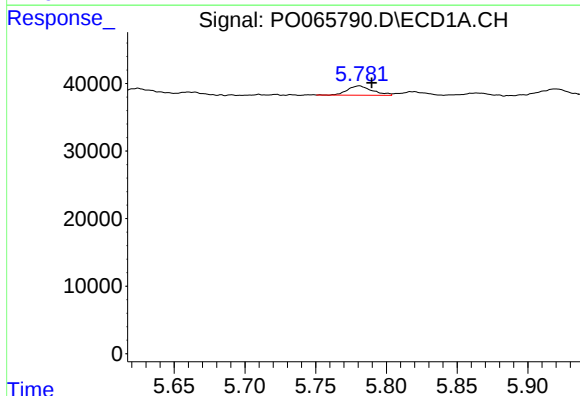
R.T.: 5.580 min
Delta R.T.: -0.009 min
Response: 17320
Conc: 26.25 ng/ml

Instrument :
ECD_O
ClientSampleId :



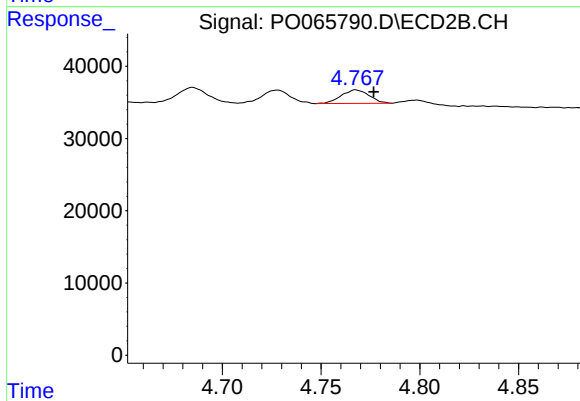
#22 AR-1248-2

R.T.: 4.728 min
Delta R.T.: -0.008 min
Response: 18119
Conc: 23.62 ng/ml



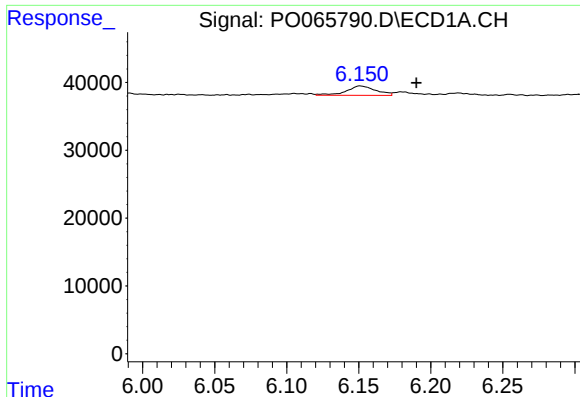
#23 AR-1248-3

R.T.: 5.781 min
Delta R.T.: -0.009 min
Response: 16874
Conc: 22.40 ng/ml



#23 AR-1248-3

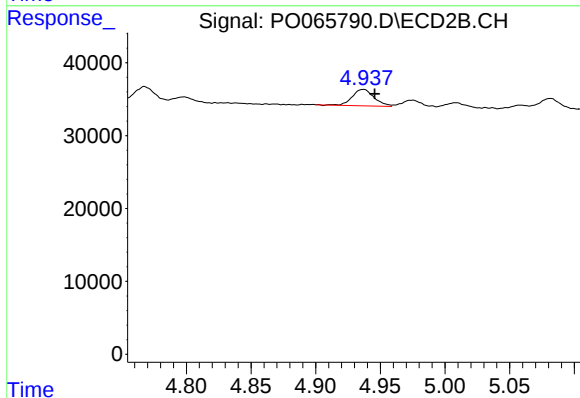
R.T.: 4.768 min
Delta R.T.: -0.009 min
Response: 18490
Conc: 23.50 ng/ml



#24 AR-1248-4

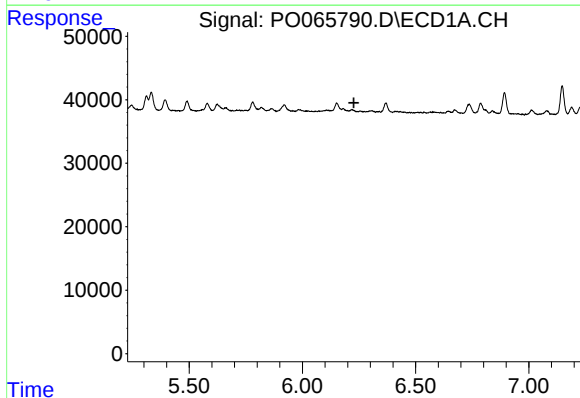
R.T.: 6.151 min
Delta R.T.: -0.039 min
Response: 19646
Conc: 20.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



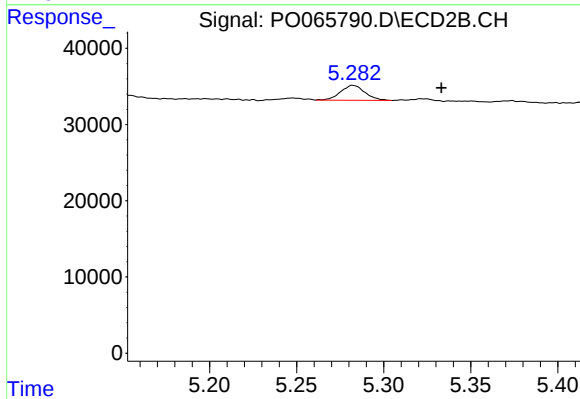
#24 AR-1248-4

R.T.: 4.937 min
Delta R.T.: -0.009 min
Response: 26424
Conc: 27.57 ng/ml



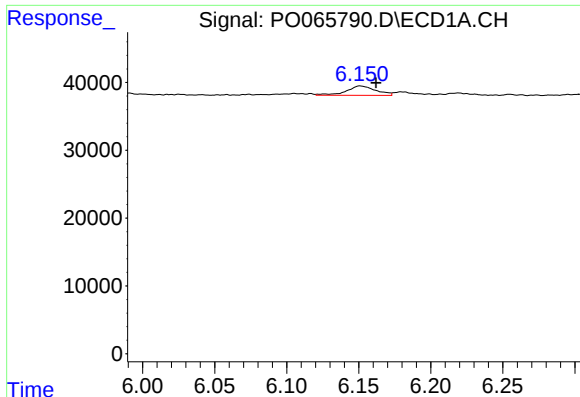
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.227 min
Response: 0
Conc: N.D.



#25 AR-1248-5

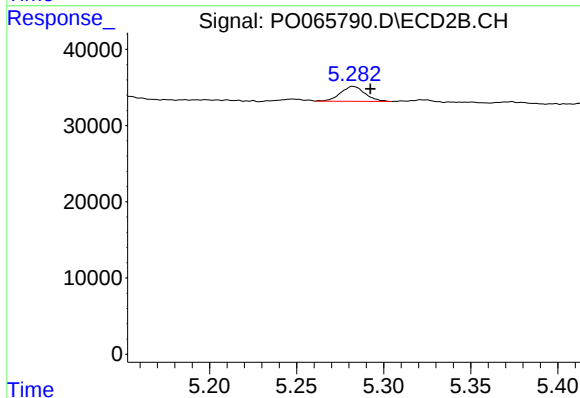
R.T.: 5.283 min
Delta R.T.: -0.050 min
Response: 19142
Conc: 18.91 ng/ml



#26 AR-1254-1

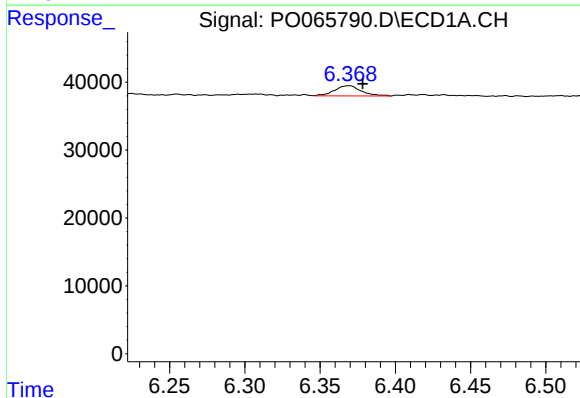
R.T.: 6.151 min
Delta R.T.: -0.011 min
Response: 19646
Conc: 23.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



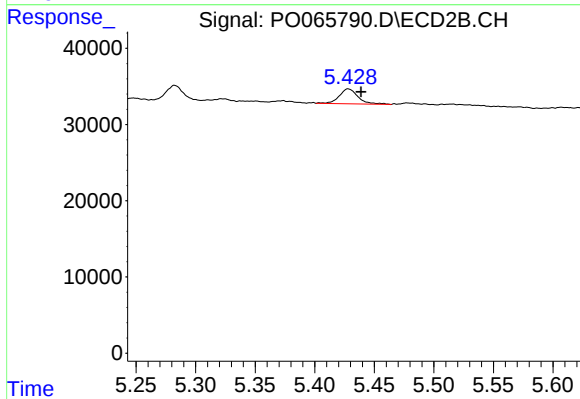
#26 AR-1254-1

R.T.: 5.283 min
Delta R.T.: -0.010 min
Response: 19142
Conc: 13.21 ng/ml



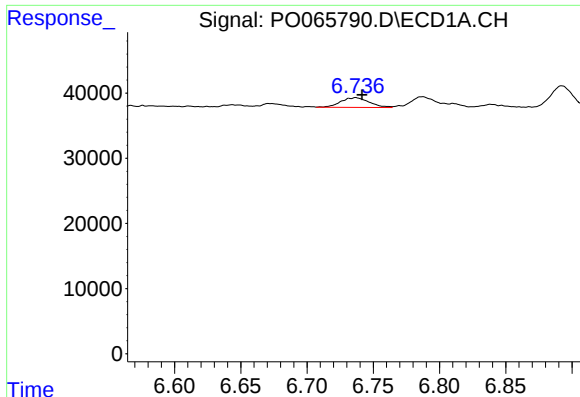
#27 AR-1254-2

R.T.: 6.369 min
Delta R.T.: -0.009 min
Response: 18391
Conc: 13.38 ng/ml



#27 AR-1254-2

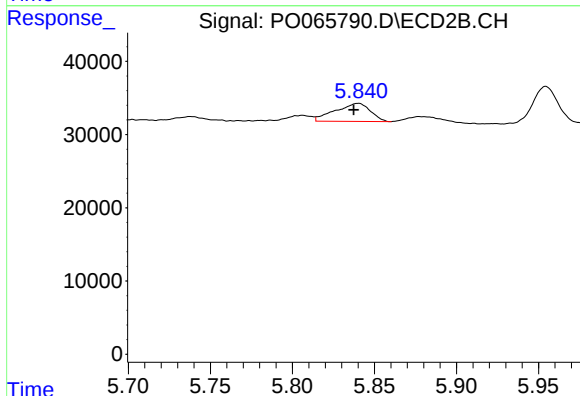
R.T.: 5.428 min
Delta R.T.: -0.011 min
Response: 21650
Conc: 16.37 ng/ml



#28 AR-1254-3

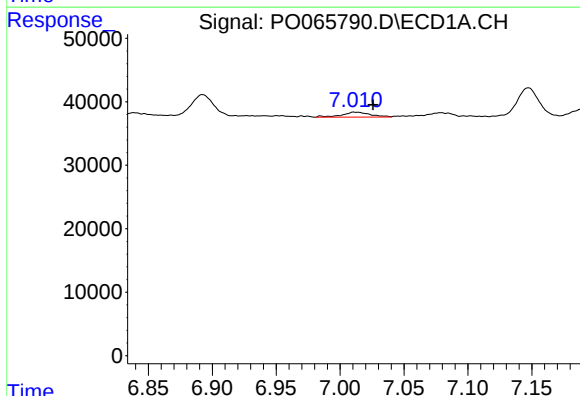
R.T.: 6.737 min
Delta R.T.: -0.005 min
Response: 22263
Conc: 14.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



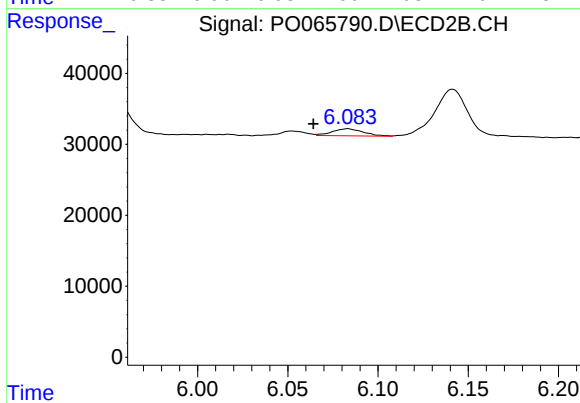
#28 AR-1254-3

R.T.: 5.840 min
Delta R.T.: 0.003 min
Response: 36933
Conc: 16.39 ng/ml



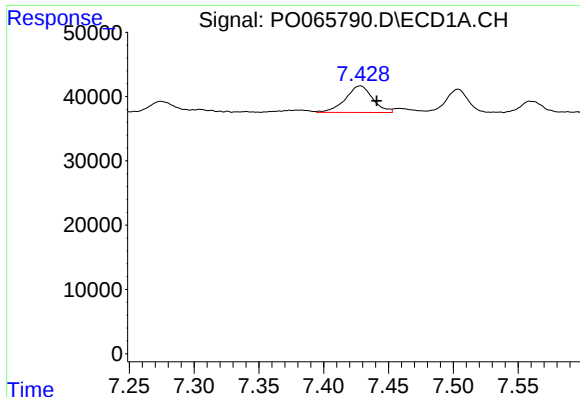
#29 AR-1254-4

R.T.: 7.011 min
Delta R.T.: -0.014 min
Response: 12284
Conc: 9.64 ng/ml



#29 AR-1254-4

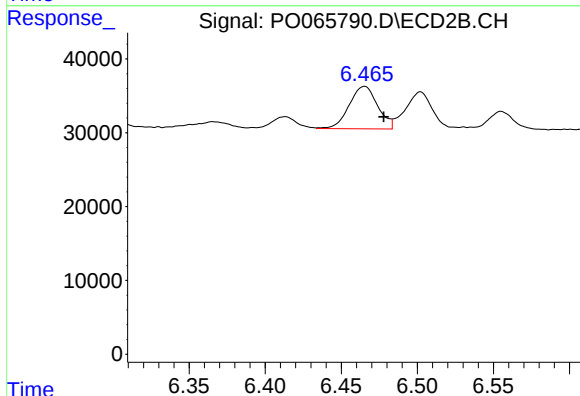
R.T.: 6.083 min
Delta R.T.: 0.019 min
Response: 11956
Conc: 7.93 ng/ml



#30 AR-1254-5

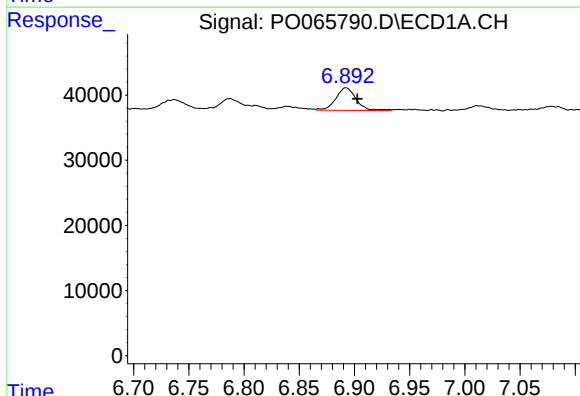
R.T.: 7.428 min
Delta R.T.: -0.013 min
Response: 60306
Conc: 42.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



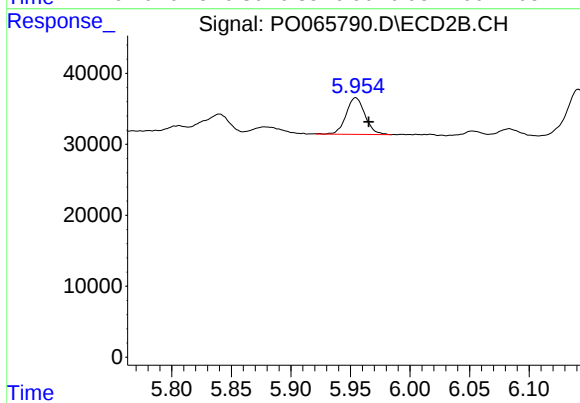
#30 AR-1254-5

R.T.: 6.465 min
Delta R.T.: -0.013 min
Response: 74785
Conc: 33.60 ng/ml



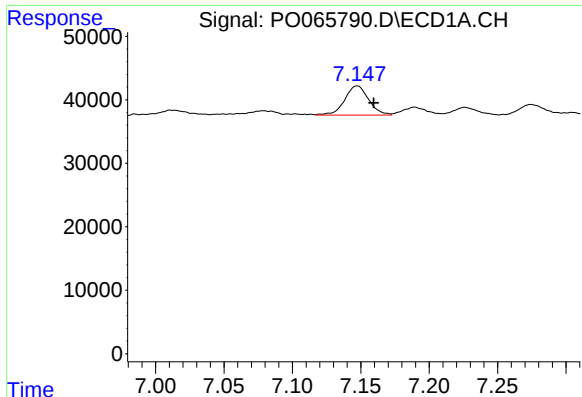
#31 AR-1260-1

R.T.: 6.892 min
Delta R.T.: -0.010 min
Response: 44567
Conc: 32.31 ng/ml



#31 AR-1260-1

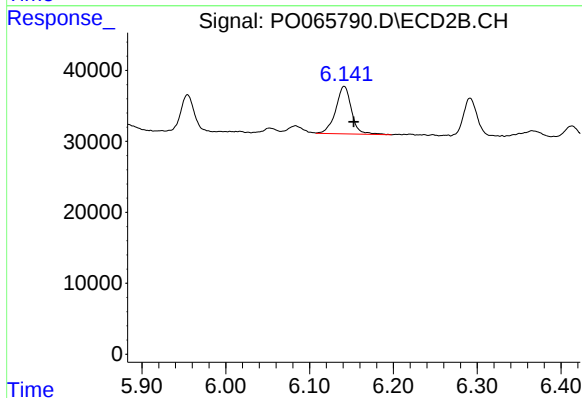
R.T.: 5.954 min
Delta R.T.: -0.011 min
Response: 56983
Conc: 30.27 ng/ml



#32 AR-1260-2

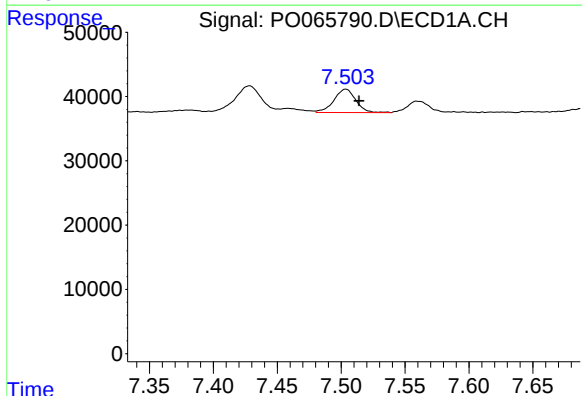
R.T.: 7.147 min
Delta R.T.: -0.012 min
Response: 55810
Conc: 31.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



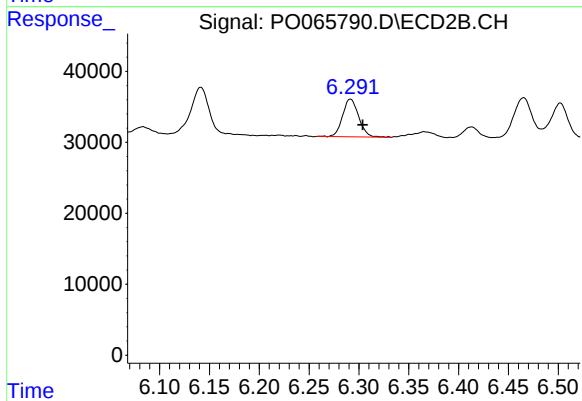
#32 AR-1260-2

R.T.: 6.141 min
Delta R.T.: -0.012 min
Response: 87544
Conc: 36.03 ng/ml



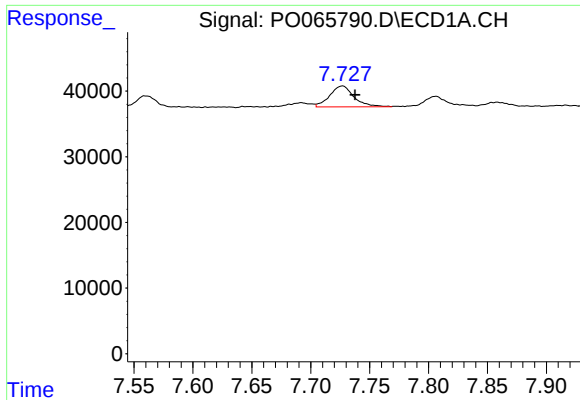
#33 AR-1260-3

R.T.: 7.504 min
Delta R.T.: -0.010 min
Response: 43304
Conc: 30.64 ng/ml



#33 AR-1260-3

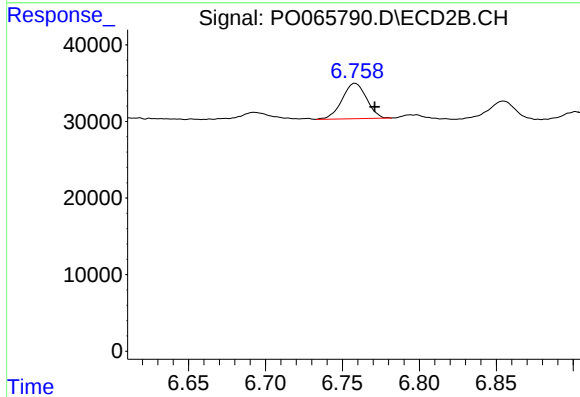
R.T.: 6.291 min
Delta R.T.: -0.012 min
Response: 60247
Conc: 27.83 ng/ml



#34 AR-1260-4

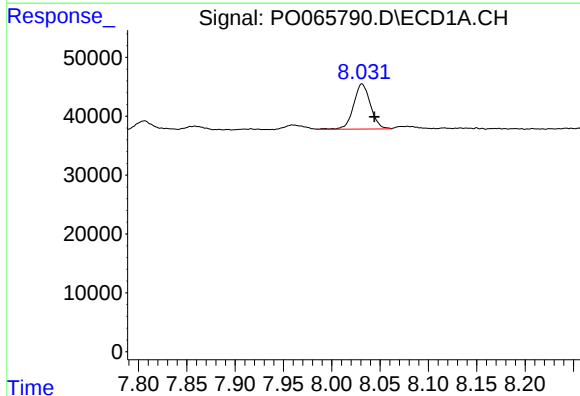
R.T.: 7.727 min
Delta R.T.: -0.011 min
Response: 45361
Conc: 25.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



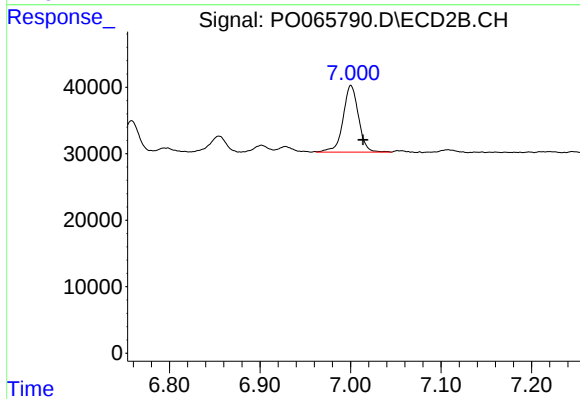
#34 AR-1260-4

R.T.: 6.758 min
Delta R.T.: -0.013 min
Response: 50882
Conc: 25.36 ng/ml



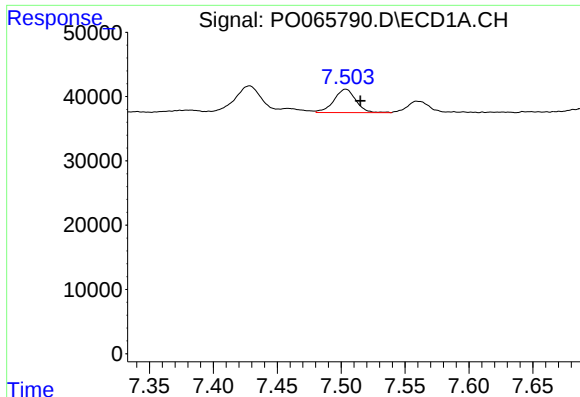
#35 AR-1260-5

R.T.: 8.031 min
Delta R.T.: -0.013 min
Response: 93981
Conc: 28.02 ng/ml



#35 AR-1260-5

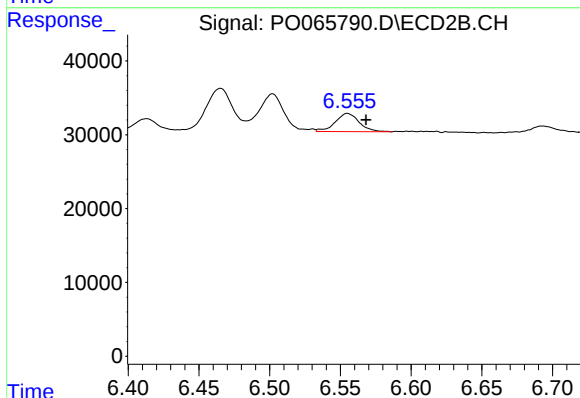
R.T.: 7.000 min
Delta R.T.: -0.013 min
Response: 118701
Conc: 23.98 ng/ml



#36 AR-1262-1

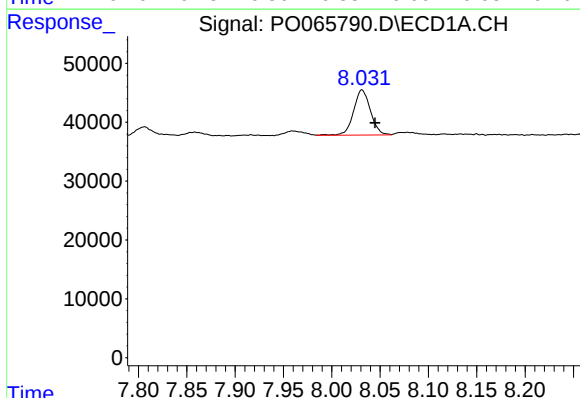
R.T.: 7.504 min
Delta R.T.: -0.011 min
Response: 43304
Conc: 26.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



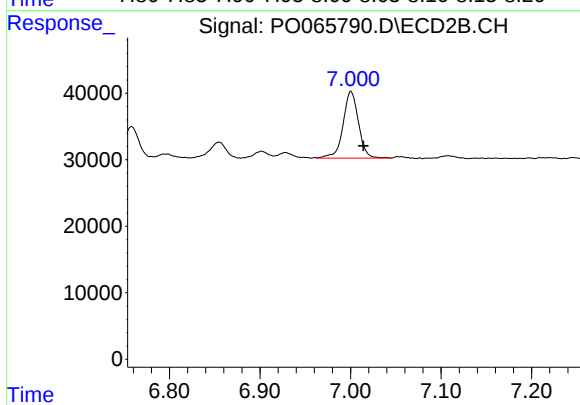
#36 AR-1262-1

R.T.: 6.555 min
Delta R.T.: -0.013 min
Response: 29245
Conc: 31.02 ng/ml



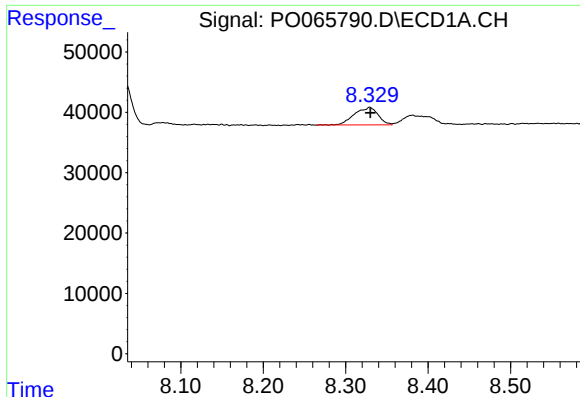
#37 AR-1262-2

R.T.: 8.031 min
Delta R.T.: -0.014 min
Response: 93981
Conc: 29.35 ng/ml



#37 AR-1262-2

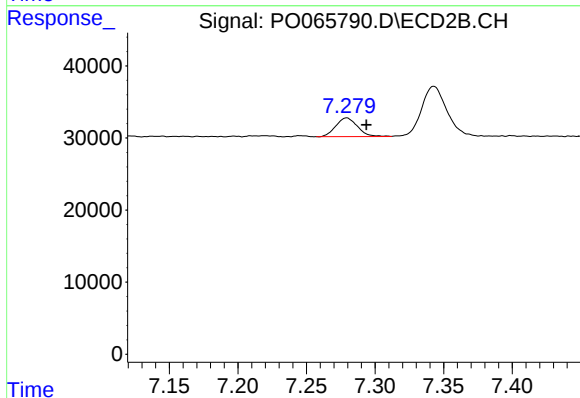
R.T.: 7.000 min
Delta R.T.: -0.014 min
Response: 118701
Conc: 26.42 ng/ml



#38 AR-1262-3

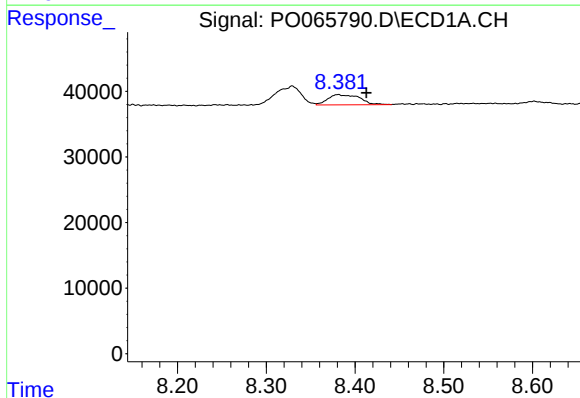
R.T.: 8.329 min
Delta R.T.: 0.000 min
Response: 58029
Conc: 25.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



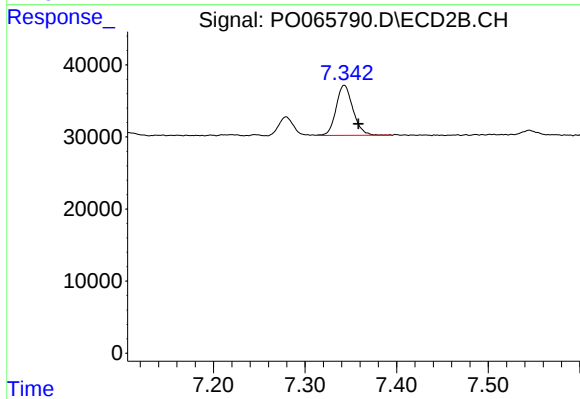
#38 AR-1262-3

R.T.: 7.279 min
Delta R.T.: -0.015 min
Response: 28850
Conc: 17.14 ng/ml



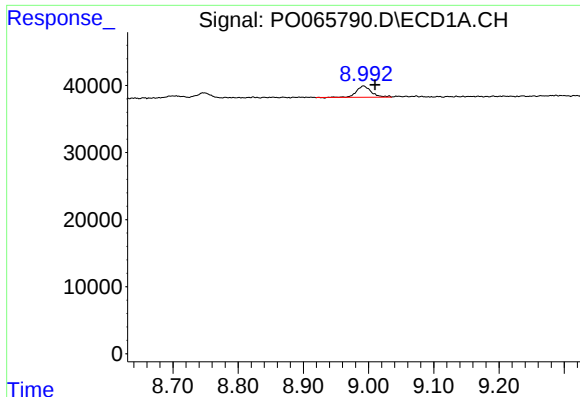
#39 AR-1262-4

R.T.: 8.381 min
Delta R.T.: -0.032 min
Response: 38283
Conc: 21.66 ng/ml



#39 AR-1262-4

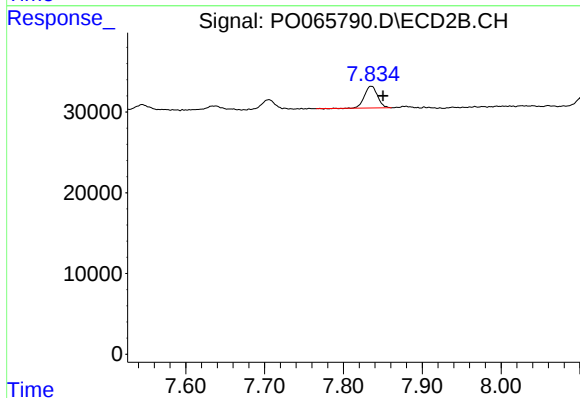
R.T.: 7.343 min
Delta R.T.: -0.016 min
Response: 89043
Conc: 25.89 ng/ml



#40 AR-1262-5

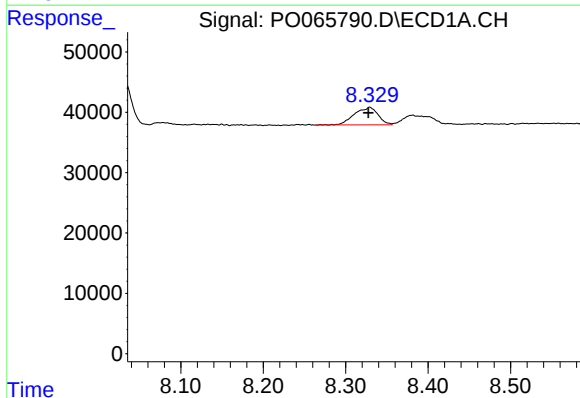
R.T.: 8.992 min
Delta R.T.: -0.018 min
Response: 26285
Conc: 19.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



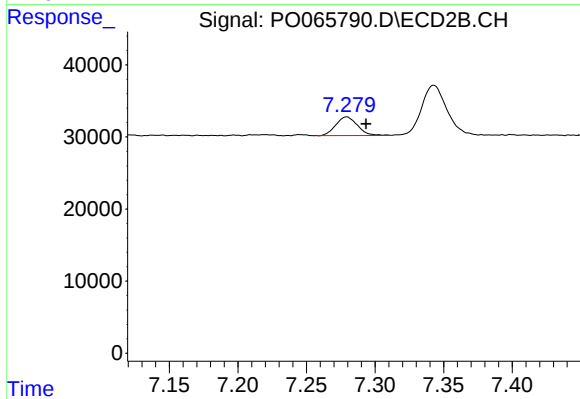
#40 AR-1262-5

R.T.: 7.835 min
Delta R.T.: -0.015 min
Response: 31007
Conc: 18.18 ng/ml



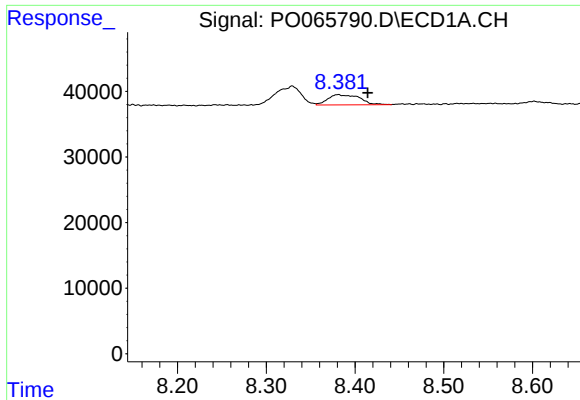
#41 AR-1268-1

R.T.: 8.329 min
Delta R.T.: 0.002 min
Response: 58029
Conc: 14.26 ng/ml



#41 AR-1268-1

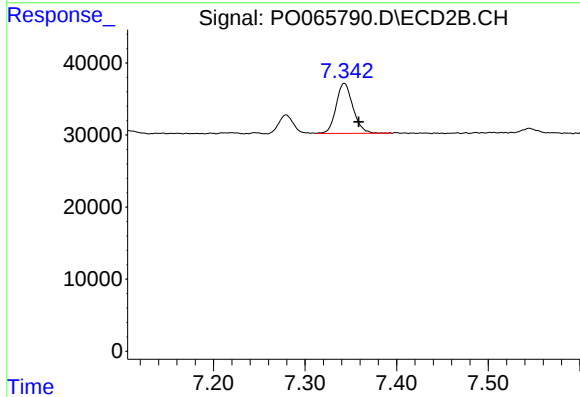
R.T.: 7.279 min
Delta R.T.: -0.014 min
Response: 28850
Conc: 5.43 ng/ml



#42 AR-1268-2

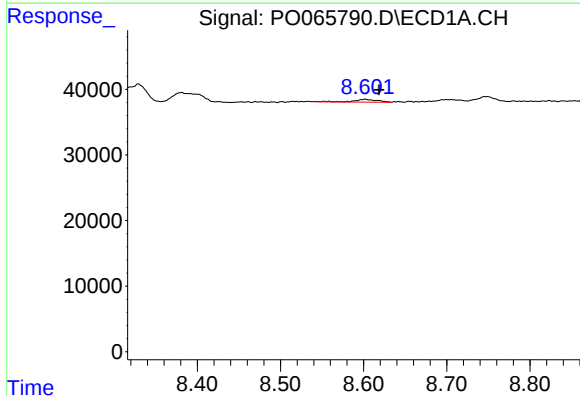
R.T.: 8.381 min
Delta R.T.: -0.033 min
Response: 38283
Conc: 9.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



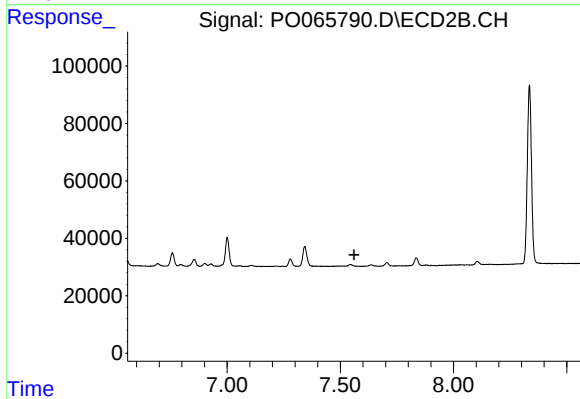
#42 AR-1268-2

R.T.: 7.343 min
Delta R.T.: -0.016 min
Response: 89043
Conc: 17.53 ng/ml



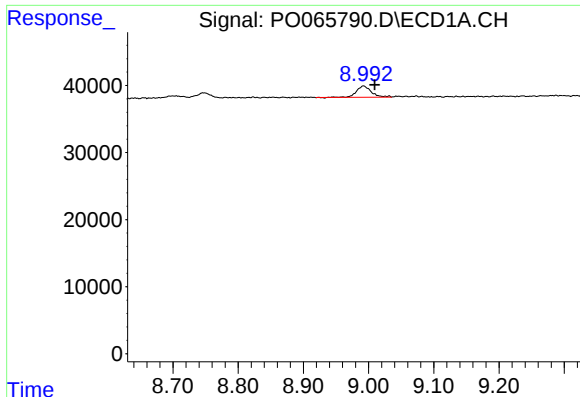
#43 AR-1268-3

R.T.: 8.602 min
Delta R.T.: -0.017 min
Response: 8570
Conc: 2.66 ng/ml



#43 AR-1268-3

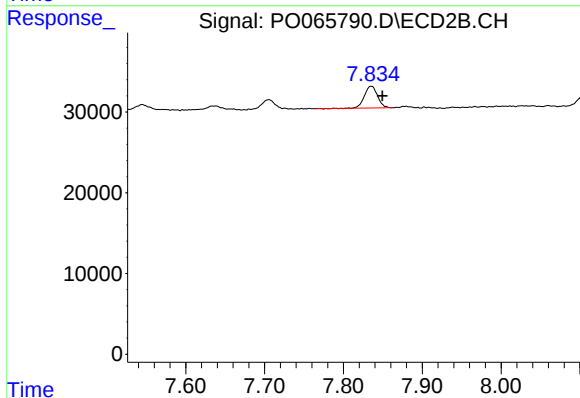
R.T.: 0.000 min
Exp R.T.: 7.560 min
Response: 0
Conc: N.D.



#44 AR-1268-4

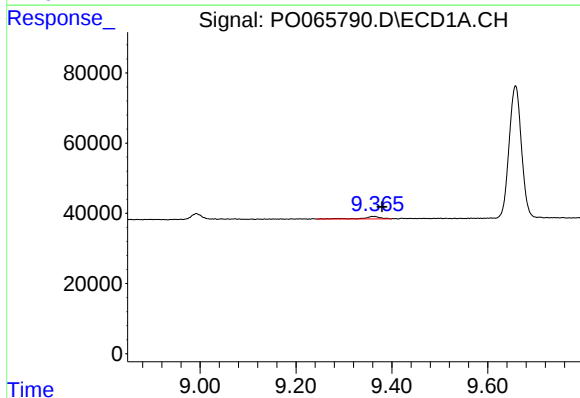
R.T.: 8.992 min
Delta R.T.: -0.018 min
Response: 26285
Conc: 17.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



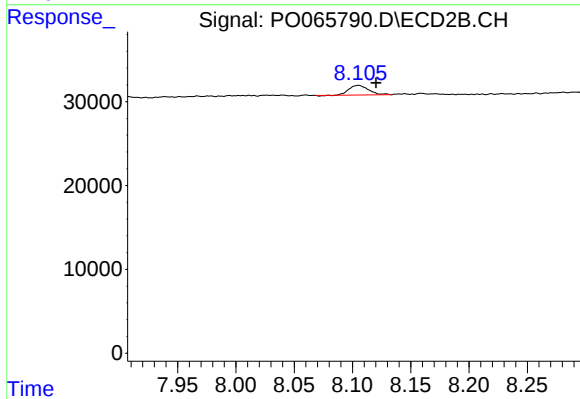
#44 AR-1268-4

R.T.: 7.835 min
Delta R.T.: -0.014 min
Response: 31007
Conc: 15.67 ng/ml



#45 AR-1268-5

R.T.: 9.364 min
Delta R.T.: -0.015 min
Response: 18134
Conc: 1.64 ng/ml



#45 AR-1268-5

R.T.: 8.105 min
Delta R.T.: -0.015 min
Response: 13432
Conc: 0.93 ng/ml