

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080619\
 Data File : P0058961.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 06 Aug 2019 23:31
 Operator : SM/AJ
 Sample : K4181-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 S5-01-B-01

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 02:20:08 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 27 06:49:05 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...	4.154	3.516	779502	705898	18.470	17.669
2)	SA Decachlor...	9.664	8.397	886285	614825	16.366	15.576
Target Compounds							
3)	L1 AR-1016-1	5.393	4.563	3930	120721	2.097	82.800 #
4)	L1 AR-1016-2	5.393	4.563	3930	120721	1.428	56.238 #
5)	L1 AR-1016-3	5.393	4.802	3930	43087	2.315	37.938 #
6)	L1 AR-1016-4	5.579	4.802	28182	43087	20.142	45.677 #
7)	L1 AR-1016-5	5.779	4.958	10052	53707	7.017	43.613 #
8)	L2 AR-1221-1	4.337	0.000	10184	0	22.418	N.D. #
9)	L2 AR-1221-2	4.457	0.000	39549	0	114.709	N.D. #
10)	L2 AR-1221-3	4.535	0.000	25512	0	23.265	N.D. #
11)	L3 AR-1232-1	4.535	0.000	25512	0	28.258	N.D. #
12)	L3 AR-1232-2	5.048	4.563	144147	120721	293.044	142.784 #
13)	L3 AR-1232-3	5.393	4.802	3930	43087	3.671	97.974 #
14)	L3 AR-1232-4	5.579	4.802	28182	43087	52.864	109.007 #
15)	L3 AR-1232-5	5.624	4.958	17143	53707	42.010	121.991 #
16)	L4 AR-1242-1	5.393	4.563	3930	120721	3.069	118.918 #
17)	L4 AR-1242-2	5.393	4.563	3930	120721	2.078	79.966 #
18)	L4 AR-1242-3	5.393	4.802	3930	43087	3.351	52.908 #
19)	L4 AR-1242-4	5.579	4.802	28182	43087	29.326	53.258 #
20)	L4 AR-1242-5	6.249	5.356	9756	133838	8.306	124.769 #
21)	L5 AR-1248-1	5.393	4.563	3930	120721	3.888	150.969 #
22)	L5 AR-1248-2	5.624	4.802	17143	43087	11.859	38.888 #
23)	L5 AR-1248-3	5.779	4.802	10052	43087	6.119	37.857 #
24)	L5 AR-1248-4	6.220	4.958	37147	53707	18.342	38.445 #
25)	L5 AR-1248-5	6.249	5.447	9756	184148	5.054	132.935 #
26)	L6 AR-1254-1	6.180	5.356	55774	133838	23.620	51.664 #
27)	L6 AR-1254-2	6.367	5.501	250609	248833	65.027	108.688 #
28)	L6 AR-1254-3	6.734	5.897	307252	328908	75.872	89.393
29)	L6 AR-1254-4	7.055	6.124	128296	259271	35.632	111.504 #
30)	L6 AR-1254-5	7.459	6.533	470137	934458	129.702	270.892 #
31)	L7 AR-1260-1	6.892	6.024	219574	213627	76.264	89.758
32)	L7 AR-1260-2	7.150	6.211	603951	342162	145.178	112.951
33)	L7 AR-1260-3	7.502	6.360	145536	147558	39.081	54.654 #
34)	L7 AR-1260-4	7.766	6.824	37231	65154	10.925	28.835 #
35)	L7 AR-1260-5	8.038	7.067	265546	273169	36.105	50.725 #
36)	L8 AR-1262-1	7.502	6.621	145536	64290	28.875	18.000 #
37)	L8 AR-1262-2	8.038	7.067	265546	273169	33.364	48.383 #
38)	L8 AR-1262-3	8.342	7.370	144027	27120	28.333	10.989 #
39)	L8 AR-1262-4	8.388	7.408	79727	121976	21.039	28.726 #
40)	L8 AR-1262-5	9.005	7.900	38502	20718	16.758	12.184 #
41)	L9 AR-1268-1	8.342	7.370	144027	27120	12.895	3.330 #
42)	L9 AR-1268-2	8.388	7.408	79727	121976	8.488	16.098 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0080619\
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 Acq On : 06 Aug 2019 23:31
 Operator : SM/AJ
 Sample : K4181-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

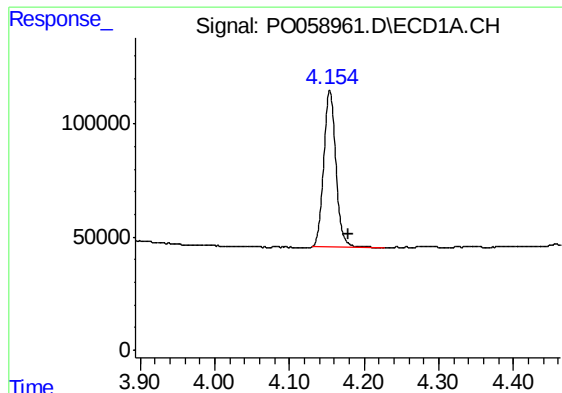
Instrument :
 ECD_O
 ClientSampleId :
 S5-01-B-01

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 02:20:08 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072819.M
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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	8.609	7.605	48364	35249	5.856	5.515
44) L9	AR-1268-4	9.005	7.900	38502	20718	12.880	8.928 #
45) L9	AR-1268-5	9.372	0.000	59170	0	2.756	N.D. #

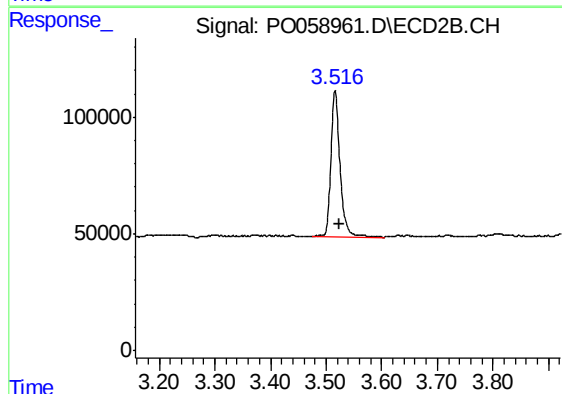
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

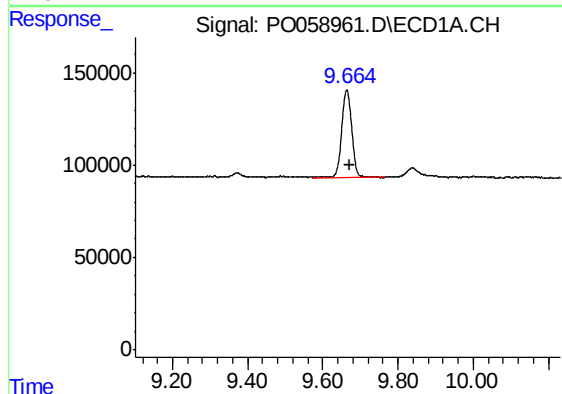
R.T.: 4.154 min
Delta R.T.: -0.025 min
Response: 779502
Conc: 18.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
S5-01-B-01



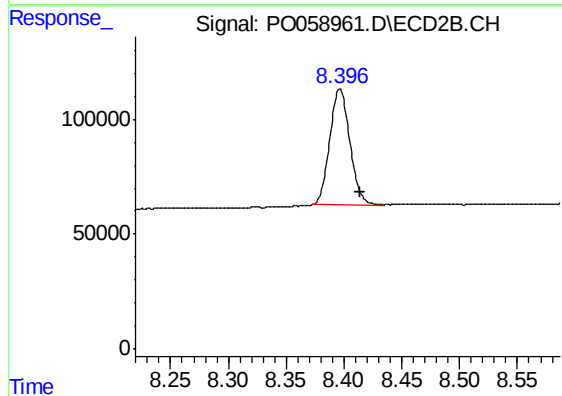
#1 Tetrachloro-m-xylene

R.T.: 3.516 min
Delta R.T.: -0.009 min
Response: 705898
Conc: 17.67 ng/ml



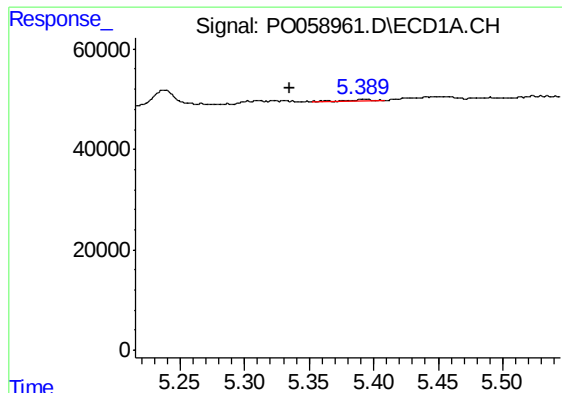
#2 Decachlorobiphenyl

R.T.: 9.664 min
Delta R.T.: -0.009 min
Response: 886285
Conc: 16.37 ng/ml



#2 Decachlorobiphenyl

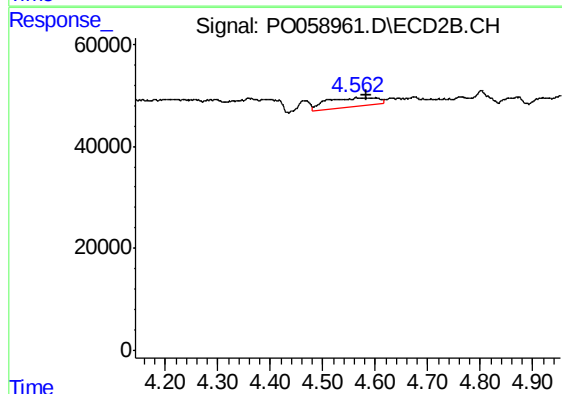
R.T.: 8.397 min
Delta R.T.: -0.018 min
Response: 614825
Conc: 15.58 ng/ml



#3 AR-1016-1

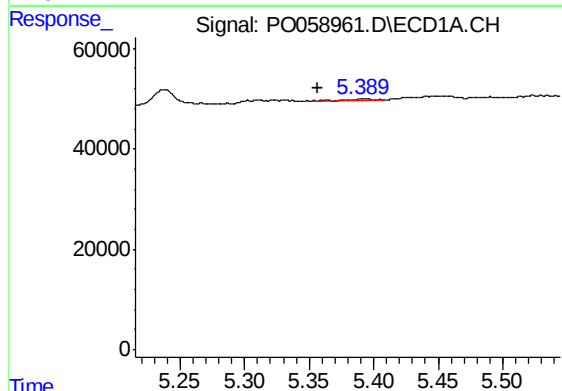
R.T.: 5.393 min
Delta R.T.: 0.058 min
Response: 3930
Conc: 2.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
S5-01-B-01



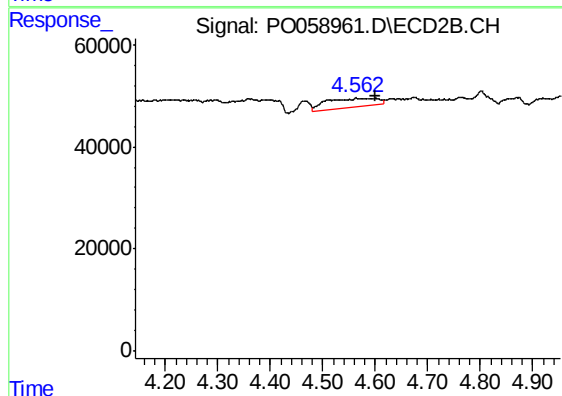
#3 AR-1016-1

R.T.: 4.563 min
Delta R.T.: -0.020 min
Response: 120721
Conc: 82.80 ng/ml



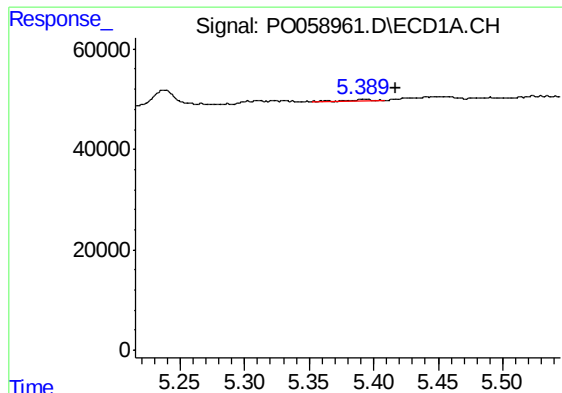
#4 AR-1016-2

R.T.: 5.393 min
Delta R.T.: 0.036 min
Response: 3930
Conc: 1.43 ng/ml



#4 AR-1016-2

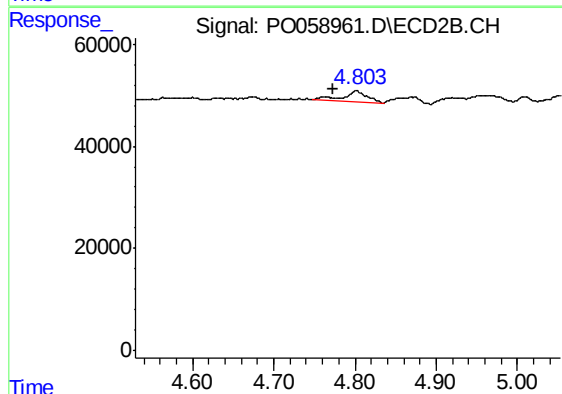
R.T.: 4.563 min
Delta R.T.: -0.038 min
Response: 120721
Conc: 56.24 ng/ml



#5 AR-1016-3

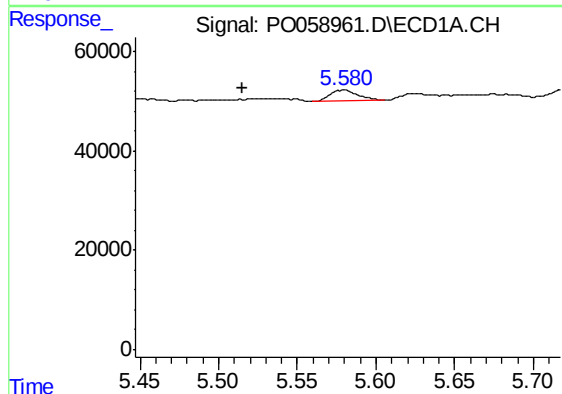
R.T.: 5.393 min
Delta R.T.: -0.024 min
Response: 3930
Conc: 2.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
S5-01-B-01



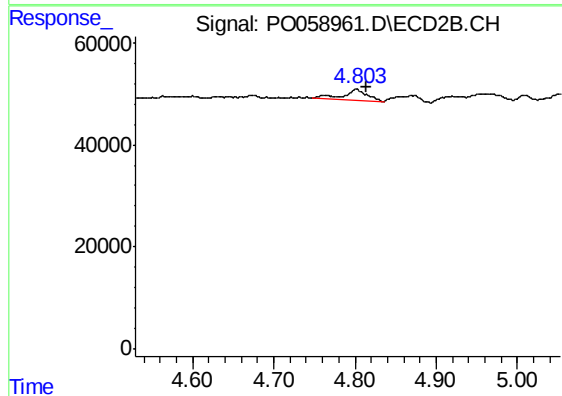
#5 AR-1016-3

R.T.: 4.802 min
Delta R.T.: 0.029 min
Response: 43087
Conc: 37.94 ng/ml



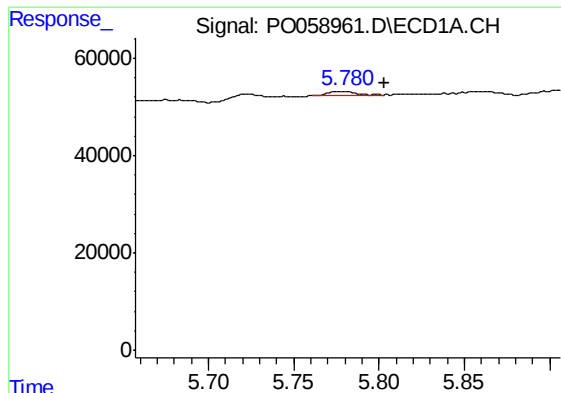
#6 AR-1016-4

R.T.: 5.579 min
Delta R.T.: 0.064 min
Response: 28182
Conc: 20.14 ng/ml



#6 AR-1016-4

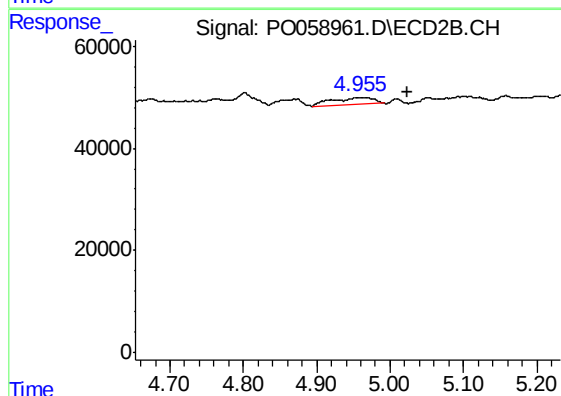
R.T.: 4.802 min
Delta R.T.: -0.013 min
Response: 43087
Conc: 45.68 ng/ml



#7 AR-1016-5

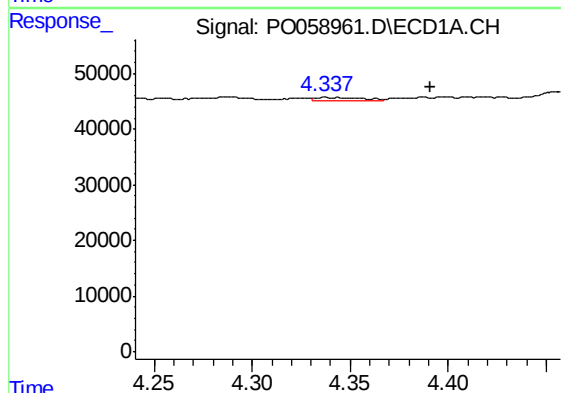
R.T.: 5.779 min
Delta R.T.: -0.025 min
Response: 10052
Conc: 7.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
S5-01-B-01



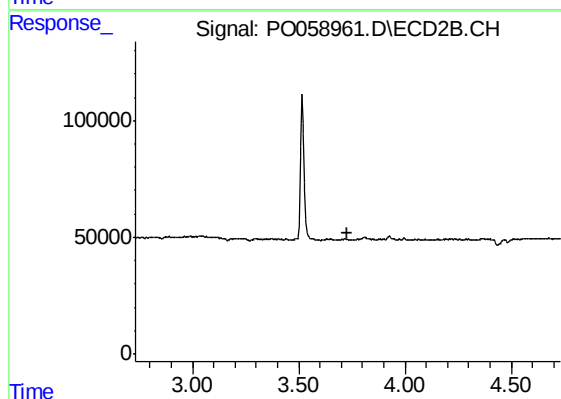
#7 AR-1016-5

R.T.: 4.958 min
Delta R.T.: -0.065 min
Response: 53707
Conc: 43.61 ng/ml



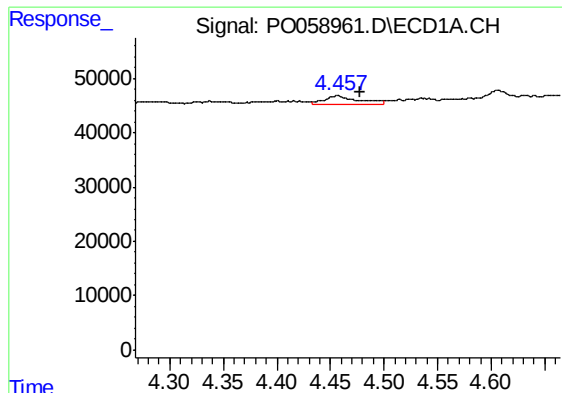
#8 AR-1221-1

R.T.: 4.337 min
Delta R.T.: -0.054 min
Response: 10184
Conc: 22.42 ng/ml



#8 AR-1221-1

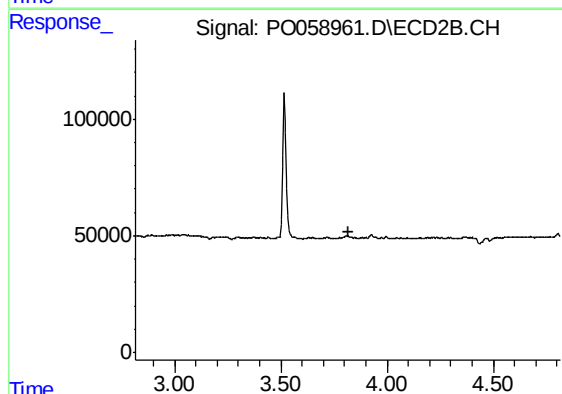
R.T.: 0.000 min
Exp R.T. : 3.732 min
Response: 0
Conc: N.D.



#9 AR-1221-2

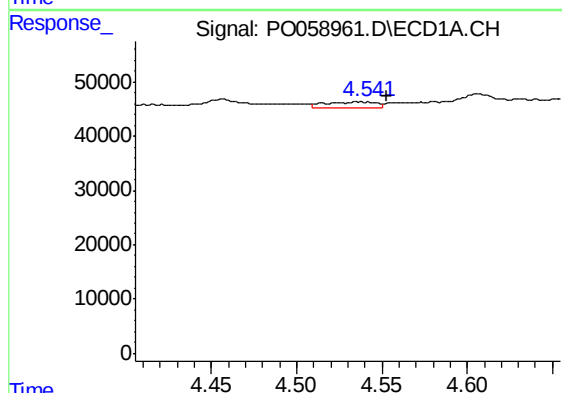
R.T.: 4.457 min
Delta R.T.: -0.020 min
Response: 39549
Conc: 114.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
S5-01-B-01



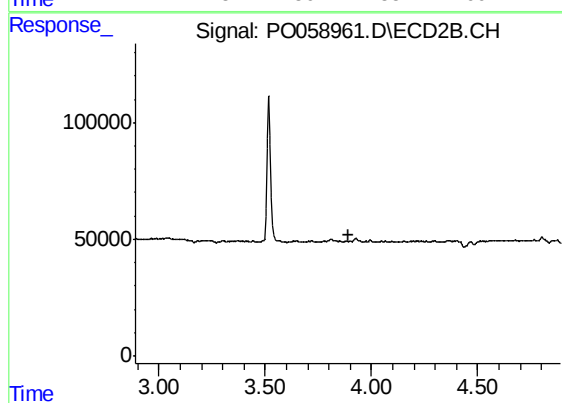
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.816 min
Response: 0
Conc: N.D.



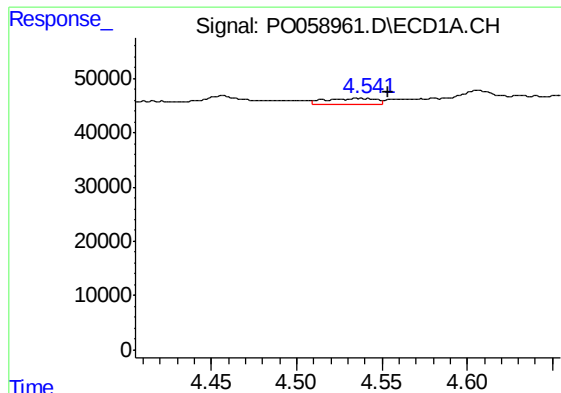
#10 AR-1221-3

R.T.: 4.535 min
Delta R.T.: -0.018 min
Response: 25512
Conc: 23.26 ng/ml



#10 AR-1221-3

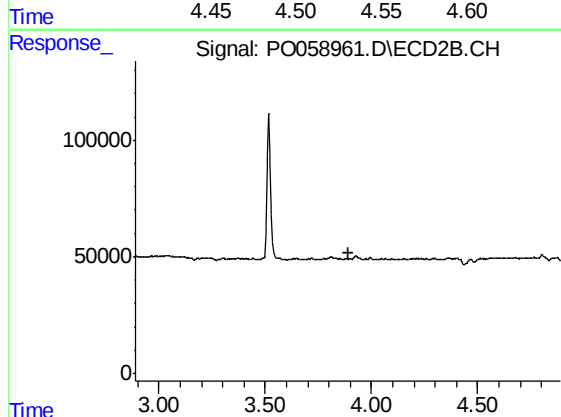
R.T.: 0.000 min
Exp R.T. : 3.889 min
Response: 0
Conc: N.D.



#11 AR-1232-1

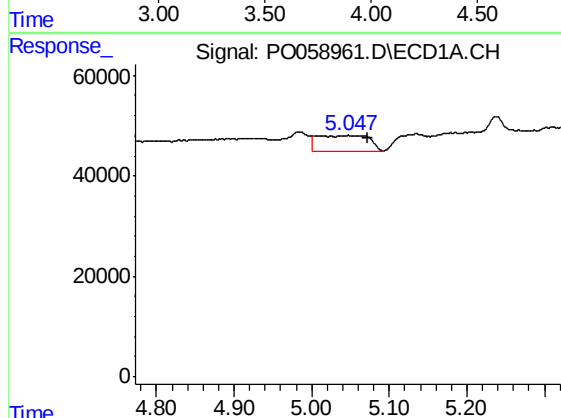
R.T.: 4.535 min
Delta R.T.: -0.019 min
Response: 25512
Conc: 28.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
S5-01-B-01



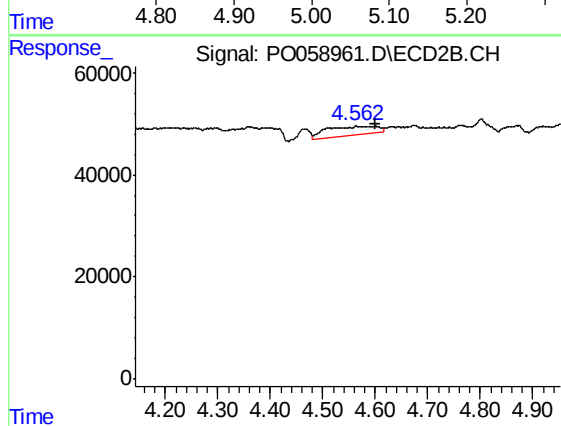
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.889 min
Response: 0
Conc: N.D.



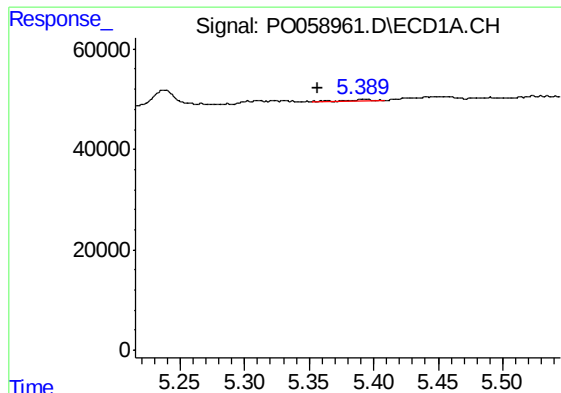
#12 AR-1232-2

R.T.: 5.048 min
Delta R.T.: -0.024 min
Response: 144147
Conc: 293.04 ng/ml



#12 AR-1232-2

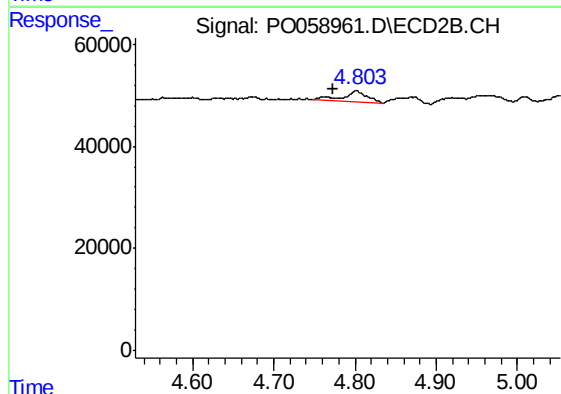
R.T.: 4.563 min
Delta R.T.: -0.037 min
Response: 120721
Conc: 142.78 ng/ml



#13 AR-1232-3

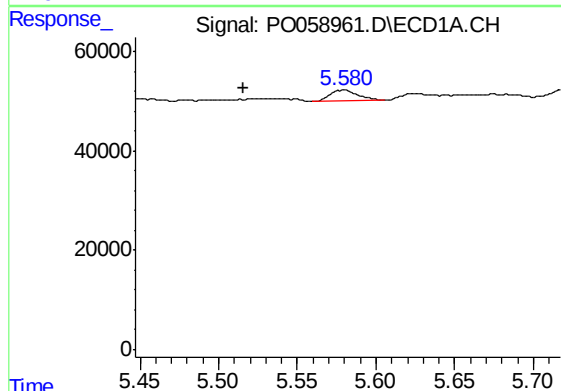
R.T.: 5.393 min
Delta R.T.: 0.036 min
Response: 3930
Conc: 3.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
S5-01-B-01



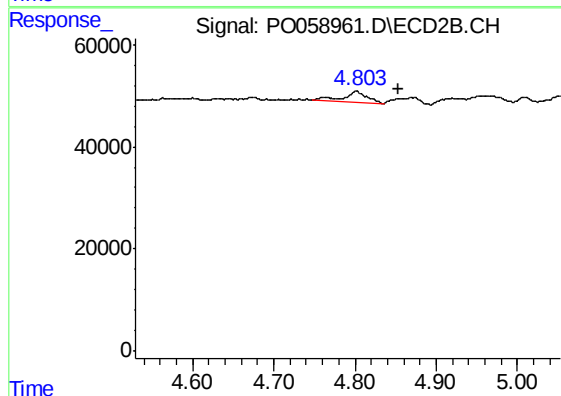
#13 AR-1232-3

R.T.: 4.802 min
Delta R.T.: 0.029 min
Response: 43087
Conc: 97.97 ng/ml



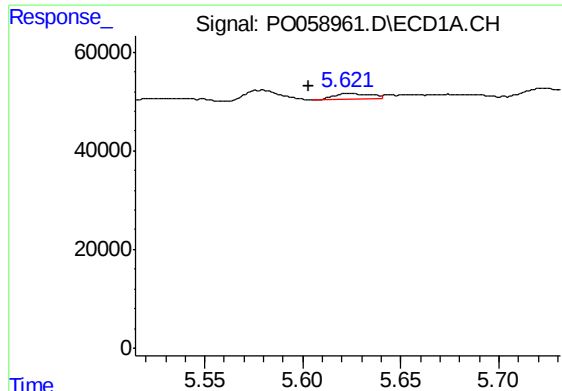
#14 AR-1232-4

R.T.: 5.579 min
Delta R.T.: 0.063 min
Response: 28182
Conc: 52.86 ng/ml



#14 AR-1232-4

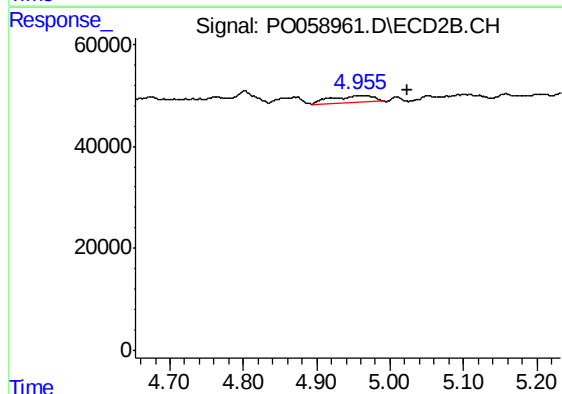
R.T.: 4.802 min
Delta R.T.: -0.052 min
Response: 43087
Conc: 109.01 ng/ml



#15 AR-1232-5

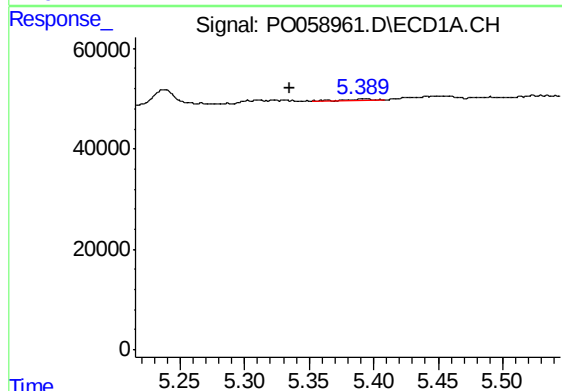
R.T.: 5.624 min
Delta R.T.: 0.021 min
Response: 17143
Conc: 42.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
S5-01-B-01



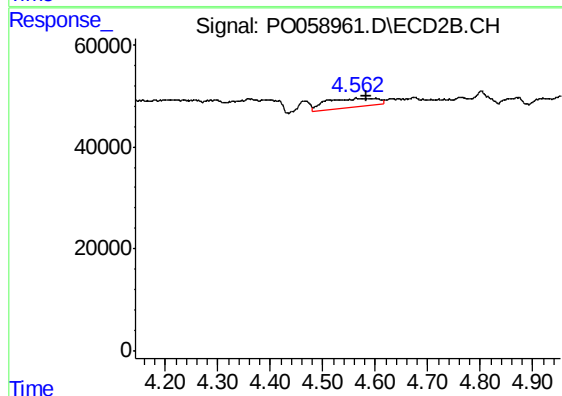
#15 AR-1232-5

R.T.: 4.958 min
Delta R.T.: -0.065 min
Response: 53707
Conc: 121.99 ng/ml



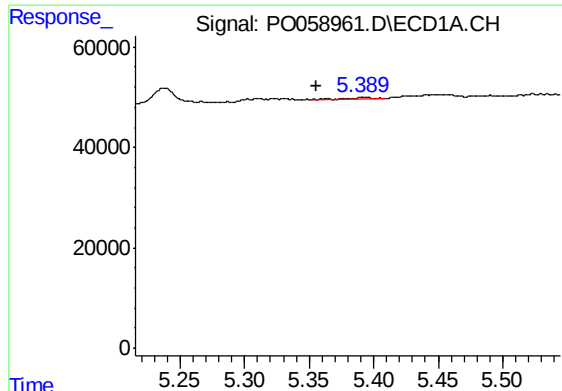
#16 AR-1242-1

R.T.: 5.393 min
Delta R.T.: 0.058 min
Response: 3930
Conc: 3.07 ng/ml



#16 AR-1242-1

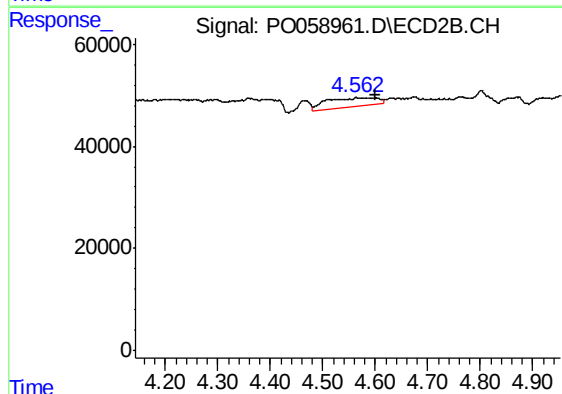
R.T.: 4.563 min
Delta R.T.: -0.020 min
Response: 120721
Conc: 118.92 ng/ml



#17 AR-1242-2

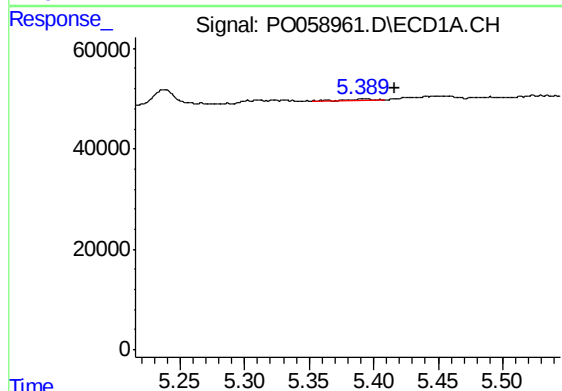
R.T.: 5.393 min
Delta R.T.: 0.037 min
Response: 3930
Conc: 2.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
S5-01-B-01



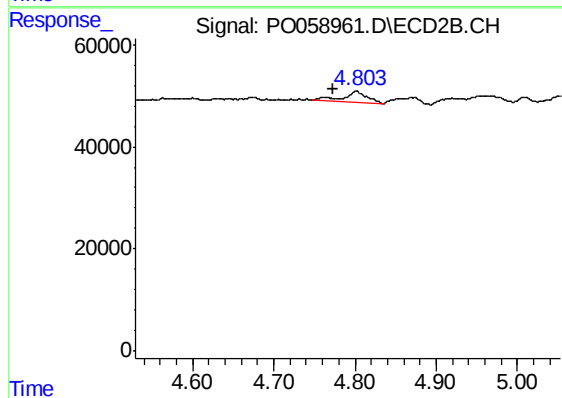
#17 AR-1242-2

R.T.: 4.563 min
Delta R.T.: -0.037 min
Response: 120721
Conc: 79.97 ng/ml



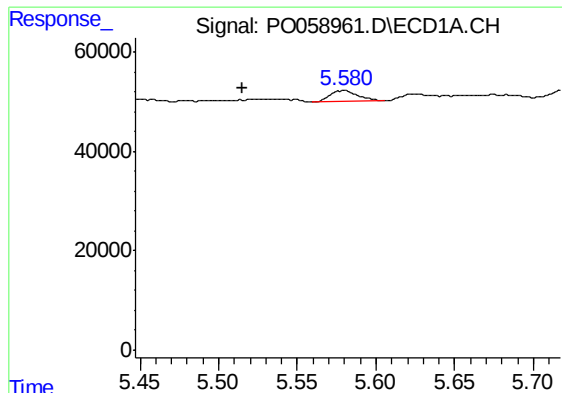
#18 AR-1242-3

R.T.: 5.393 min
Delta R.T.: -0.024 min
Response: 3930
Conc: 3.35 ng/ml



#18 AR-1242-3

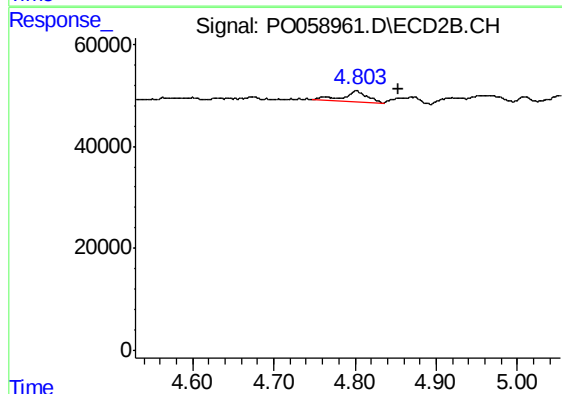
R.T.: 4.802 min
Delta R.T.: 0.029 min
Response: 43087
Conc: 52.91 ng/ml



#19 AR-1242-4

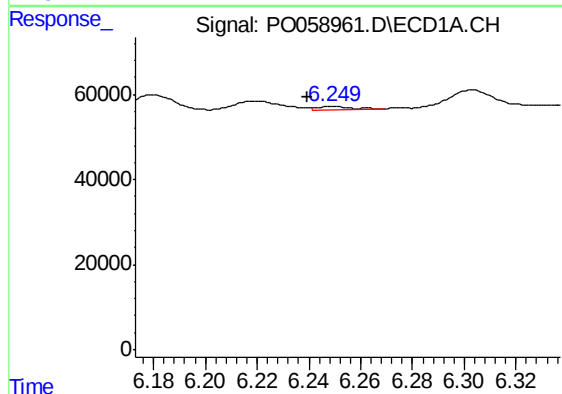
R.T.: 5.579 min
Delta R.T.: 0.064 min
Response: 28182
Conc: 29.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
S5-01-B-01



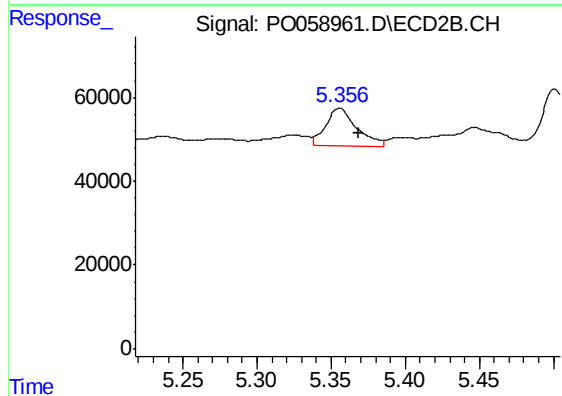
#19 AR-1242-4

R.T.: 4.802 min
Delta R.T.: -0.052 min
Response: 43087
Conc: 53.26 ng/ml



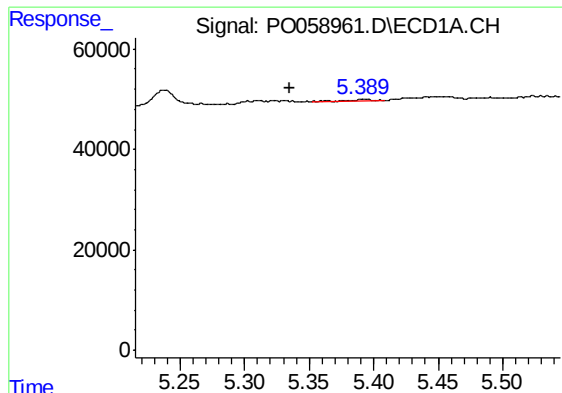
#20 AR-1242-5

R.T.: 6.249 min
Delta R.T.: 0.009 min
Response: 9756
Conc: 8.31 ng/ml



#20 AR-1242-5

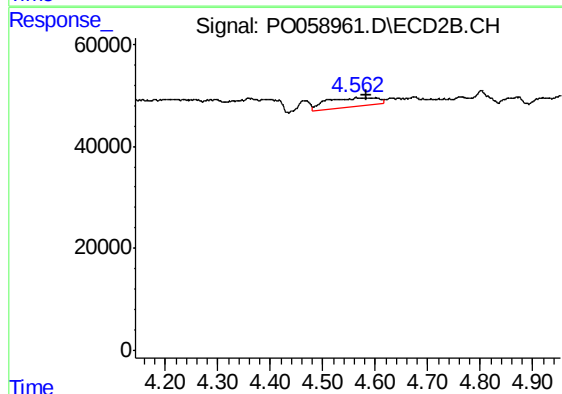
R.T.: 5.356 min
Delta R.T.: -0.013 min
Response: 133838
Conc: 124.77 ng/ml



#21 AR-1248-1

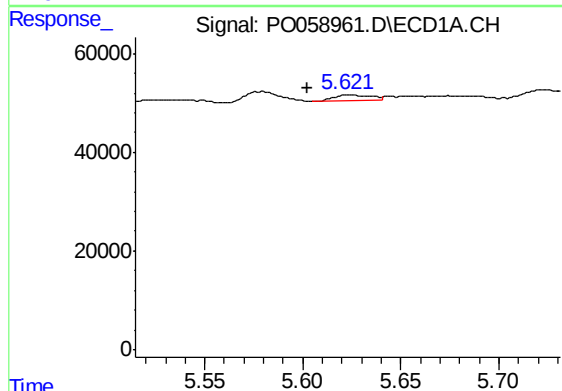
R.T.: 5.393 min
Delta R.T.: 0.058 min
Response: 3930
Conc: 3.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
S5-01-B-01



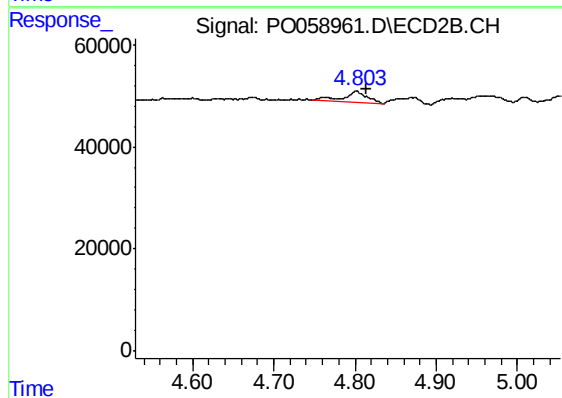
#21 AR-1248-1

R.T.: 4.563 min
Delta R.T.: -0.020 min
Response: 120721
Conc: 150.97 ng/ml



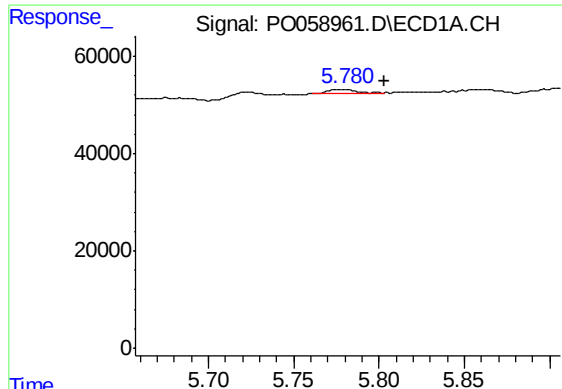
#22 AR-1248-2

R.T.: 5.624 min
Delta R.T.: 0.022 min
Response: 17143
Conc: 11.86 ng/ml



#22 AR-1248-2

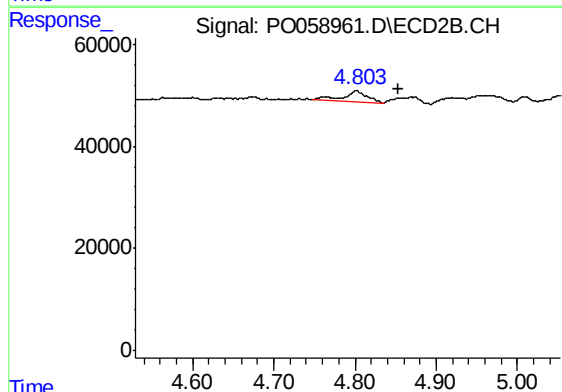
R.T.: 4.802 min
Delta R.T.: -0.012 min
Response: 43087
Conc: 38.89 ng/ml



#23 AR-1248-3

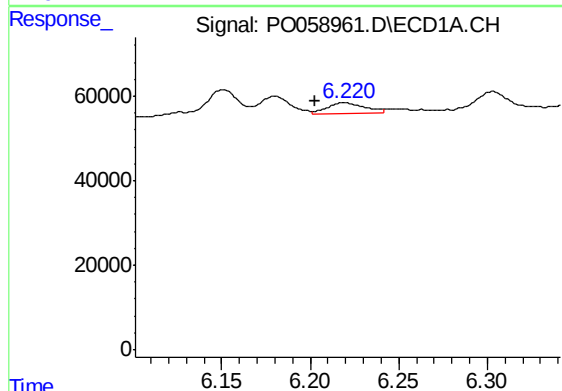
R.T.: 5.779 min
Delta R.T.: -0.025 min
Response: 10052
Conc: 6.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
S5-01-B-01



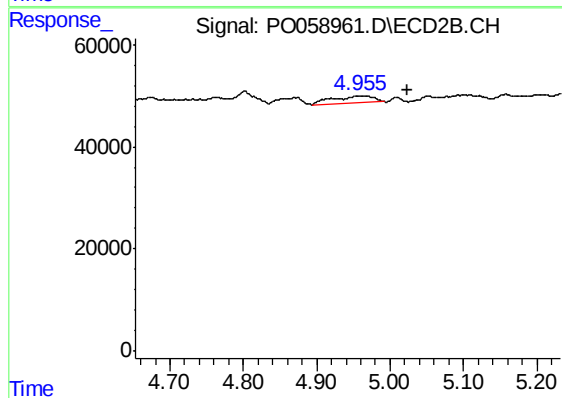
#23 AR-1248-3

R.T.: 4.802 min
Delta R.T.: -0.052 min
Response: 43087
Conc: 37.86 ng/ml



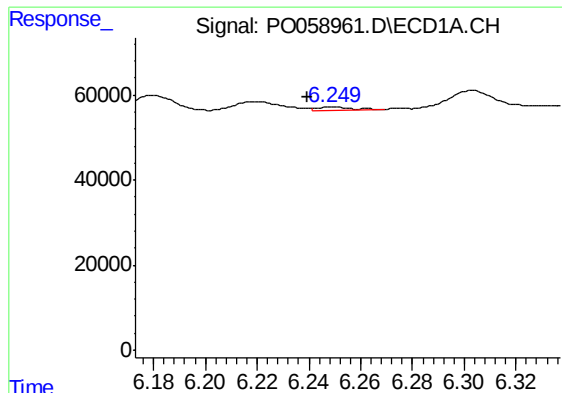
#24 AR-1248-4

R.T.: 6.220 min
Delta R.T.: 0.017 min
Response: 37147
Conc: 18.34 ng/ml



#24 AR-1248-4

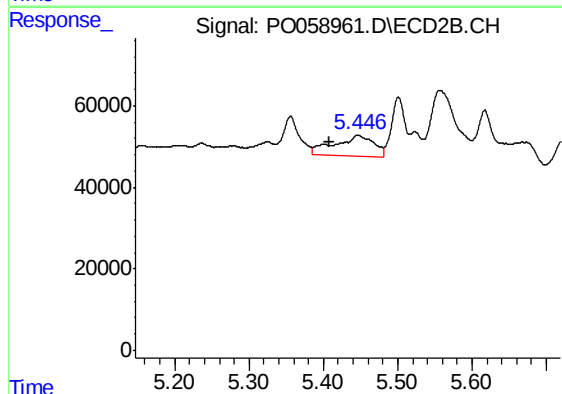
R.T.: 4.958 min
Delta R.T.: -0.065 min
Response: 53707
Conc: 38.44 ng/ml



#25 AR-1248-5

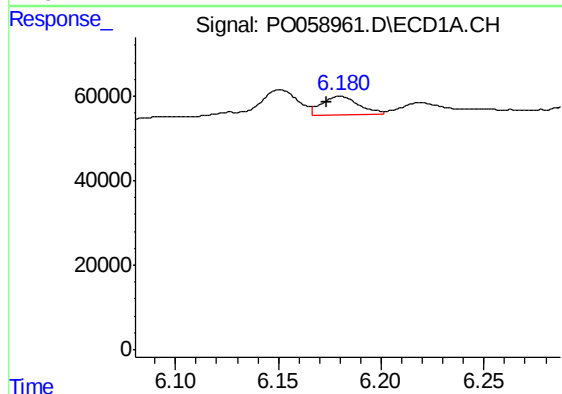
R.T.: 6.249 min
Delta R.T.: 0.009 min
Response: 9756
Conc: 5.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
S5-01-B-01



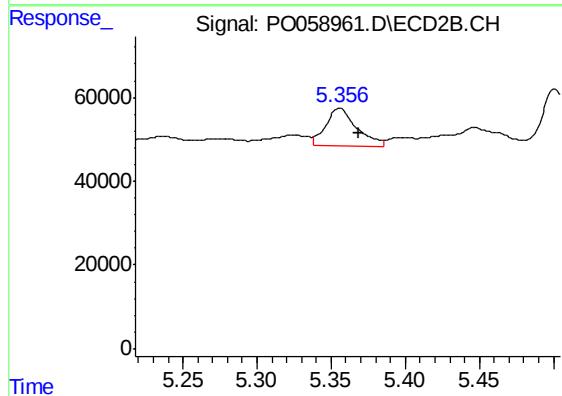
#25 AR-1248-5

R.T.: 5.447 min
Delta R.T.: 0.038 min
Response: 184148
Conc: 132.93 ng/ml



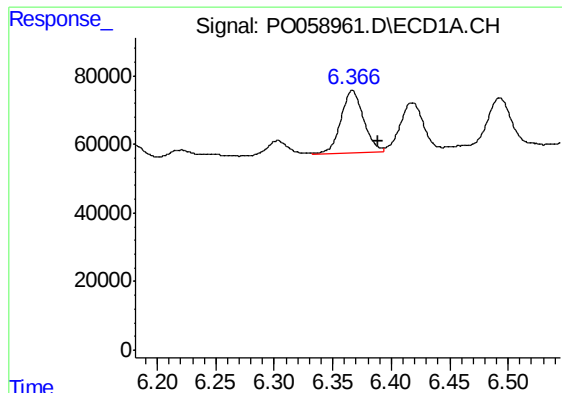
#26 AR-1254-1

R.T.: 6.180 min
Delta R.T.: 0.007 min
Response: 55774
Conc: 23.62 ng/ml



#26 AR-1254-1

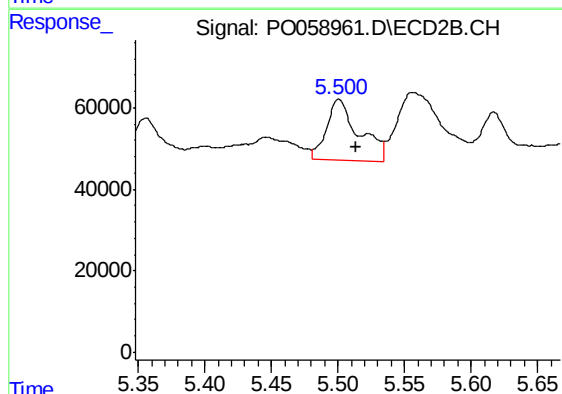
R.T.: 5.356 min
Delta R.T.: -0.013 min
Response: 133838
Conc: 51.66 ng/ml



#27 AR-1254-2

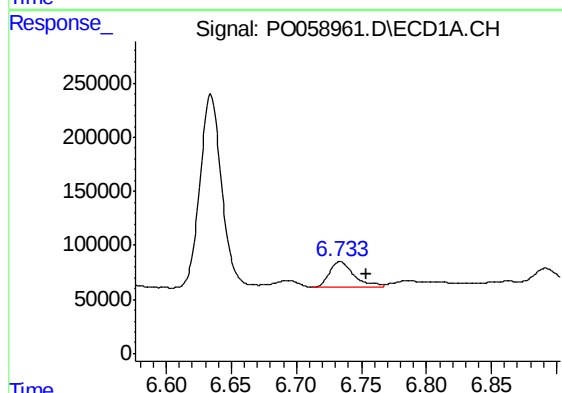
R.T.: 6.367 min
Delta R.T.: -0.022 min
Response: 250609
Conc: 65.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
S5-01-B-01



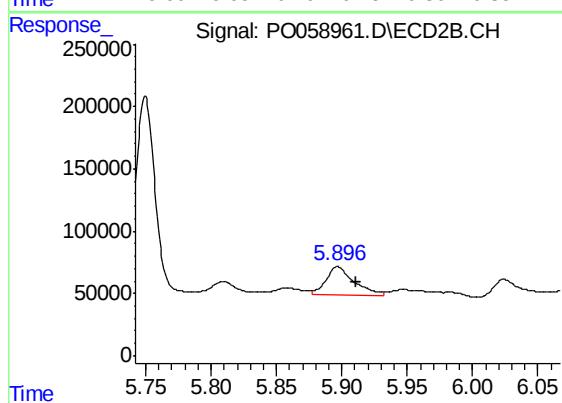
#27 AR-1254-2

R.T.: 5.501 min
Delta R.T.: -0.013 min
Response: 248833
Conc: 108.69 ng/ml



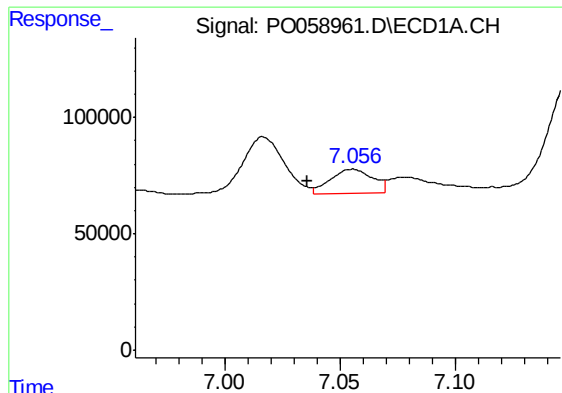
#28 AR-1254-3

R.T.: 6.734 min
Delta R.T.: -0.020 min
Response: 307252
Conc: 75.87 ng/ml



#28 AR-1254-3

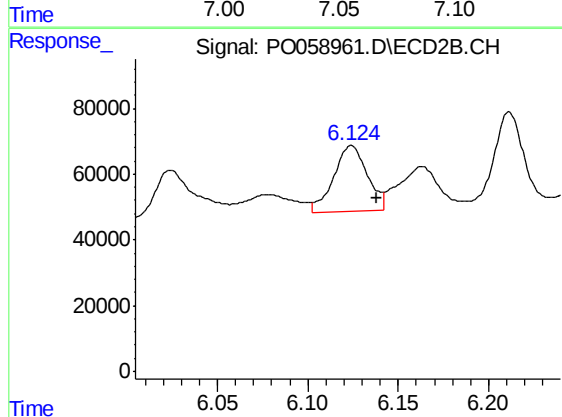
R.T.: 5.897 min
Delta R.T.: -0.014 min
Response: 328908
Conc: 89.39 ng/ml



#29 AR-1254-4

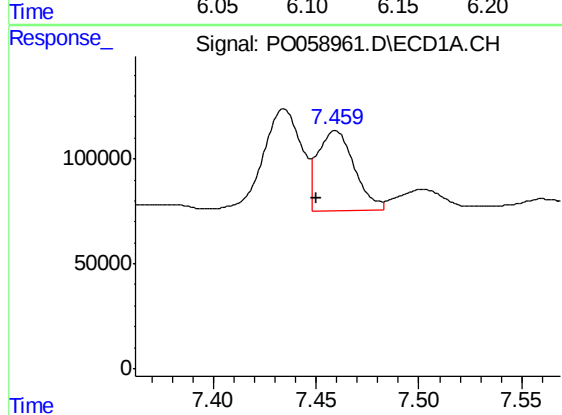
R.T.: 7.055 min
Delta R.T.: 0.019 min
Response: 128296
Conc: 35.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
S5-01-B-01



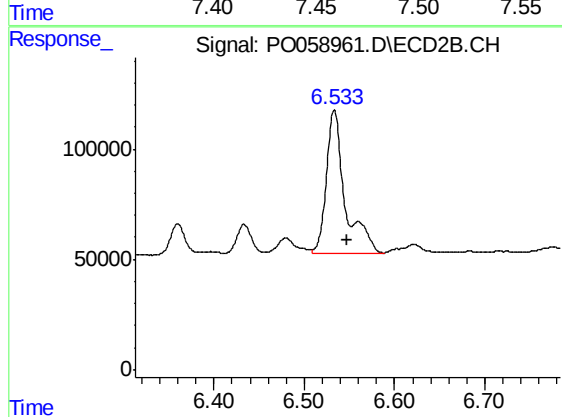
#29 AR-1254-4

R.T.: 6.124 min
Delta R.T.: -0.014 min
Response: 259271
Conc: 111.50 ng/ml



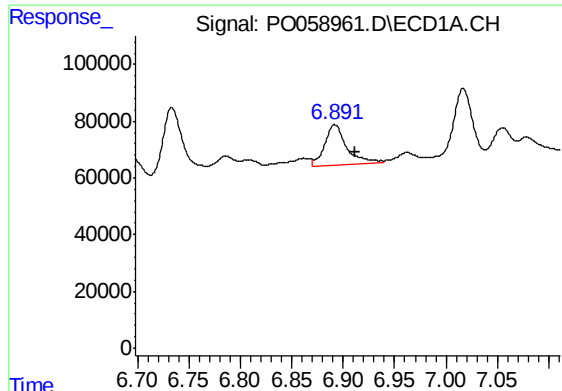
#30 AR-1254-5

R.T.: 7.459 min
Delta R.T.: 0.009 min
Response: 470137
Conc: 129.70 ng/ml



#30 AR-1254-5

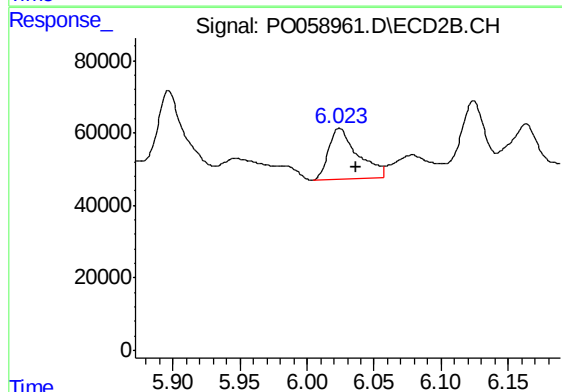
R.T.: 6.533 min
Delta R.T.: -0.015 min
Response: 934458
Conc: 270.89 ng/ml



#31 AR-1260-1

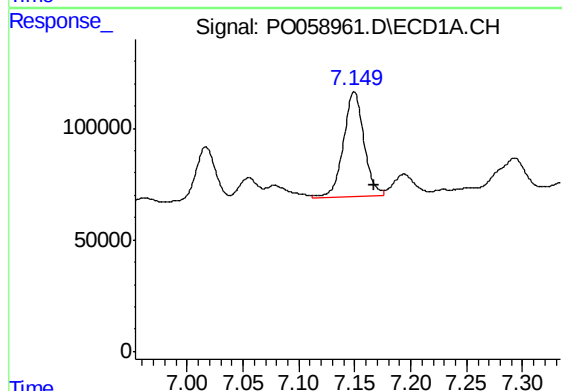
R.T.: 6.892 min
Delta R.T.: -0.020 min
Response: 219574
Conc: 76.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
S5-01-B-01



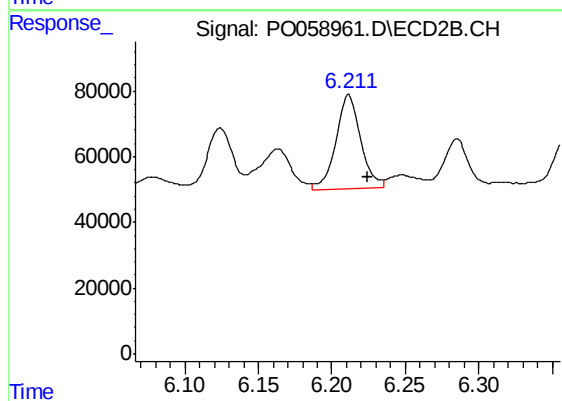
#31 AR-1260-1

R.T.: 6.024 min
Delta R.T.: -0.013 min
Response: 213627
Conc: 89.76 ng/ml



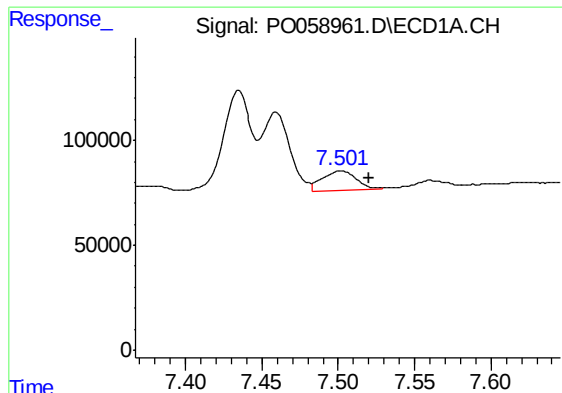
#32 AR-1260-2

R.T.: 7.150 min
Delta R.T.: -0.018 min
Response: 603951
Conc: 145.18 ng/ml



#32 AR-1260-2

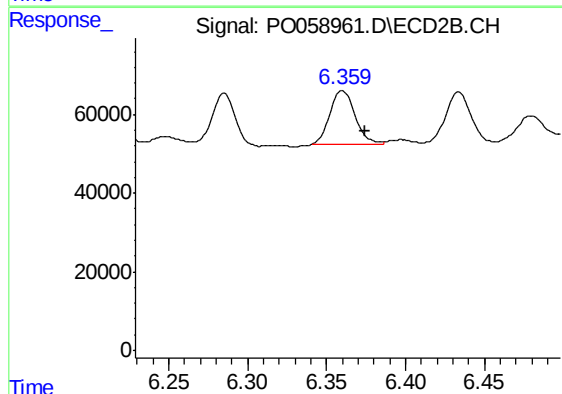
R.T.: 6.211 min
Delta R.T.: -0.013 min
Response: 342162
Conc: 112.95 ng/ml



#33 AR-1260-3

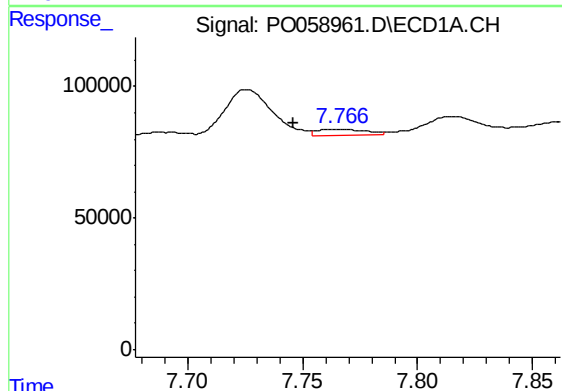
R.T.: 7.502 min
Delta R.T.: -0.019 min
Response: 145536
Conc: 39.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
S5-01-B-01



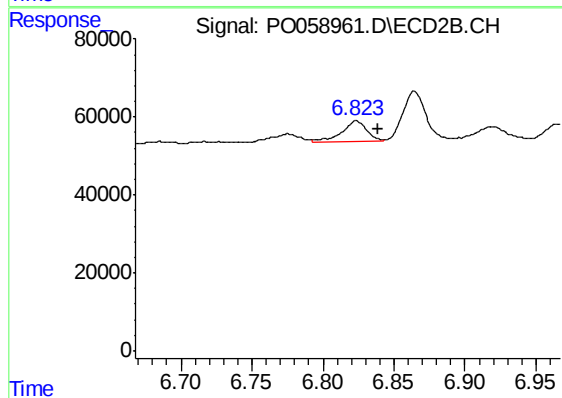
#33 AR-1260-3

R.T.: 6.360 min
Delta R.T.: -0.015 min
Response: 147558
Conc: 54.65 ng/ml



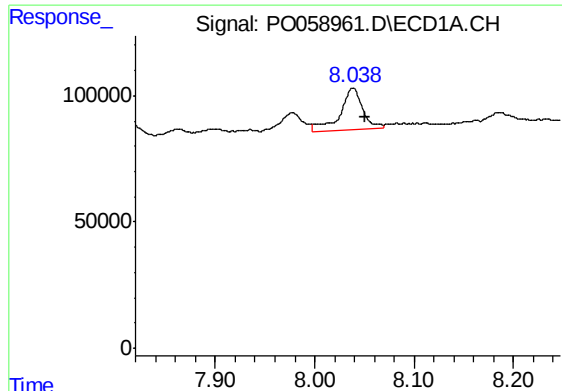
#34 AR-1260-4

R.T.: 7.766 min
Delta R.T.: 0.020 min
Response: 37231
Conc: 10.93 ng/ml



#34 AR-1260-4

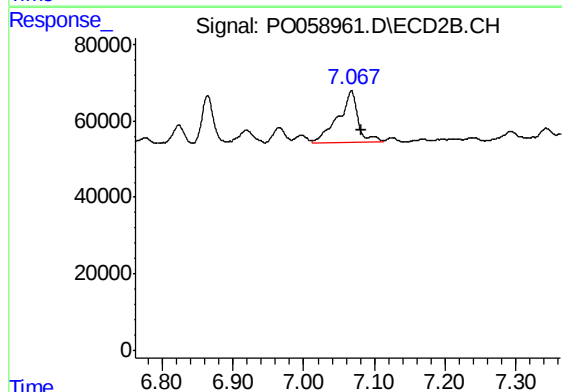
R.T.: 6.824 min
Delta R.T.: -0.016 min
Response: 65154
Conc: 28.84 ng/ml



#35 AR-1260-5

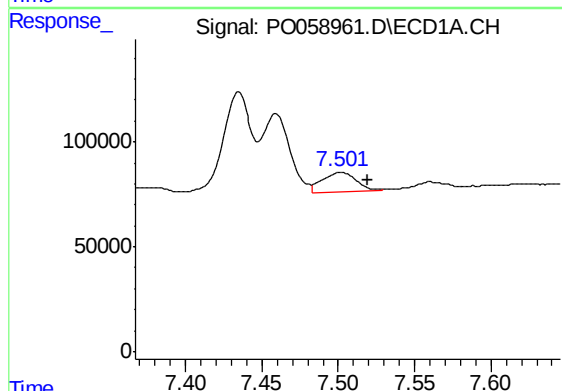
R.T.: 8.038 min
Delta R.T.: -0.013 min
Response: 265546
Conc: 36.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
S5-01-B-01



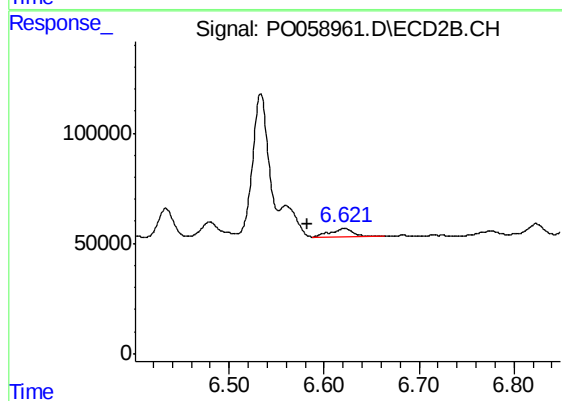
#35 AR-1260-5

R.T.: 7.067 min
Delta R.T.: -0.014 min
Response: 273169
Conc: 50.72 ng/ml



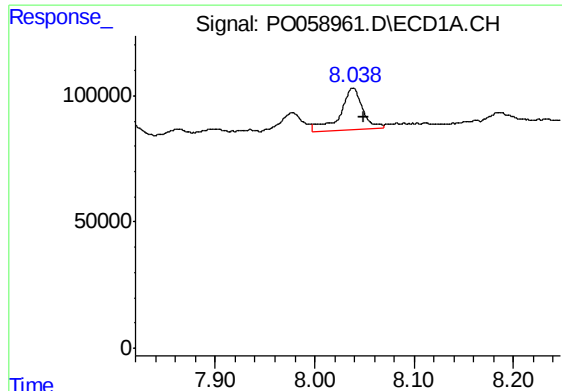
#36 AR-1262-1

R.T.: 7.502 min
Delta R.T.: -0.018 min
Response: 145536
Conc: 28.87 ng/ml



#36 AR-1262-1

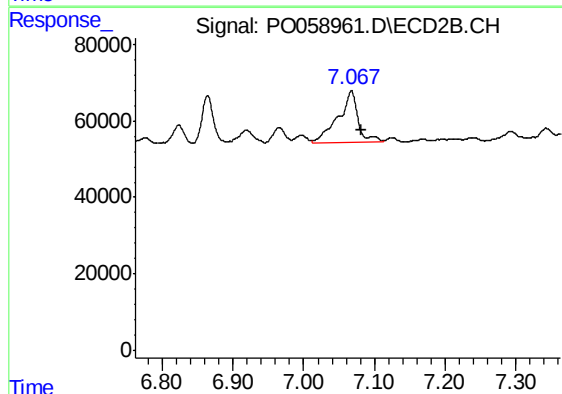
R.T.: 6.621 min
Delta R.T.: 0.039 min
Response: 64290
Conc: 18.00 ng/ml



#37 AR-1262-2

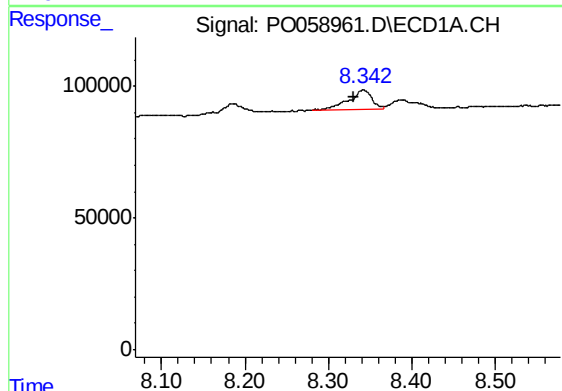
R.T.: 8.038 min
Delta R.T.: -0.011 min
Response: 265546
Conc: 33.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
S5-01-B-01



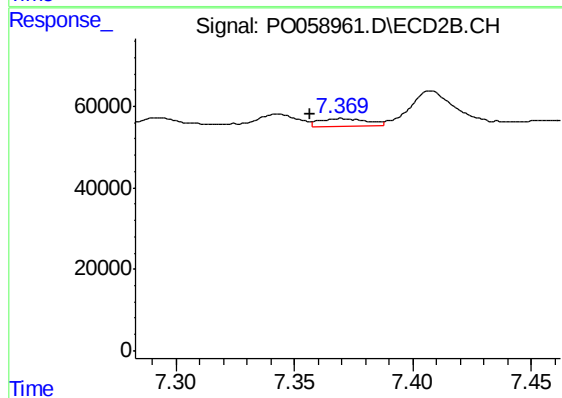
#37 AR-1262-2

R.T.: 7.067 min
Delta R.T.: -0.014 min
Response: 273169
Conc: 48.38 ng/ml



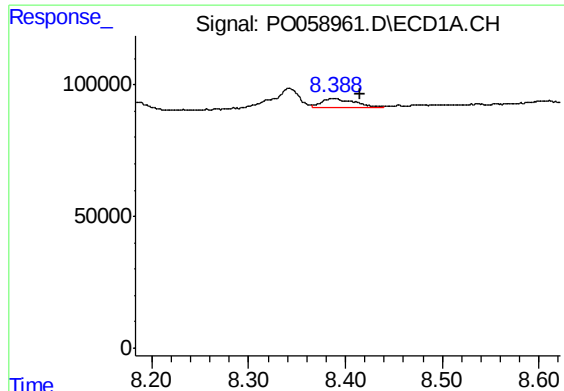
#38 AR-1262-3

R.T.: 8.342 min
Delta R.T.: 0.012 min
Response: 144027
Conc: 28.33 ng/ml



#38 AR-1262-3

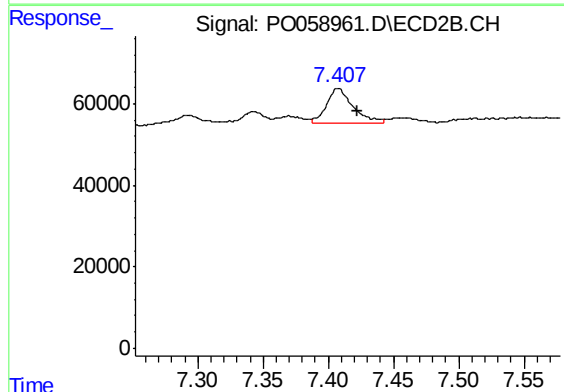
R.T.: 7.370 min
Delta R.T.: 0.013 min
Response: 27120
Conc: 10.99 ng/ml



#39 AR-1262-4

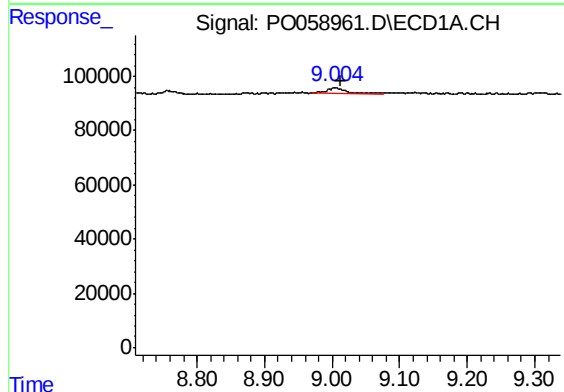
R.T.: 8.388 min
Delta R.T.: -0.027 min
Response: 79727
Conc: 21.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
S5-01-B-01



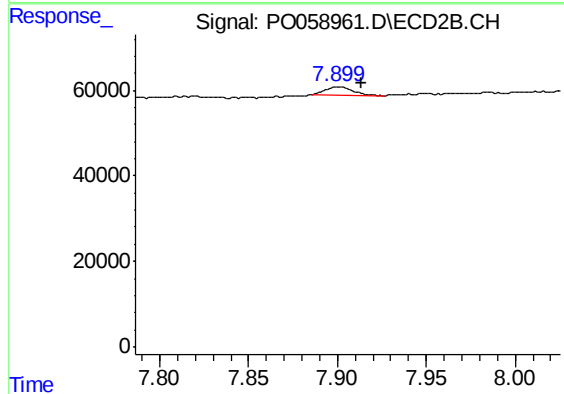
#39 AR-1262-4

R.T.: 7.408 min
Delta R.T.: -0.014 min
Response: 121976
Conc: 28.73 ng/ml



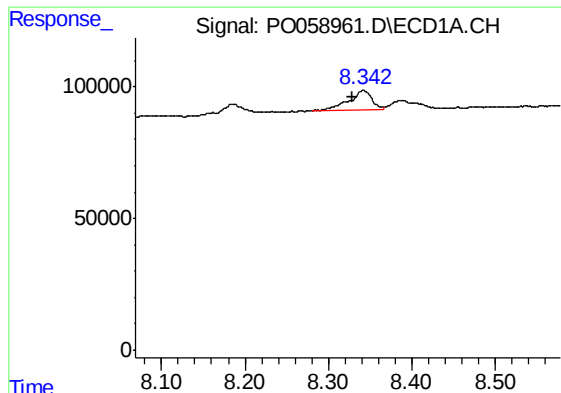
#40 AR-1262-5

R.T.: 9.005 min
Delta R.T.: -0.009 min
Response: 38502
Conc: 16.76 ng/ml



#40 AR-1262-5

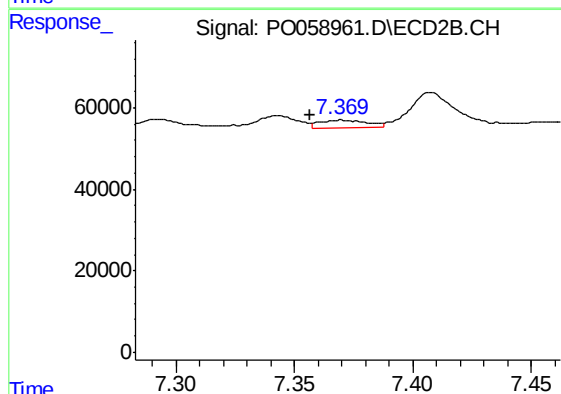
R.T.: 7.900 min
Delta R.T.: -0.013 min
Response: 20718
Conc: 12.18 ng/ml



#41 AR-1268-1

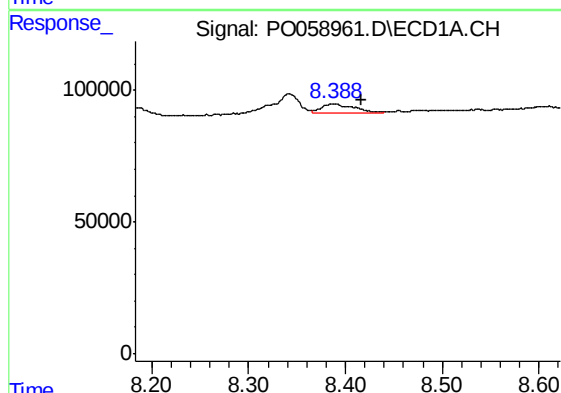
R.T.: 8.342 min
Delta R.T.: 0.013 min
Response: 144027
Conc: 12.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
S5-01-B-01



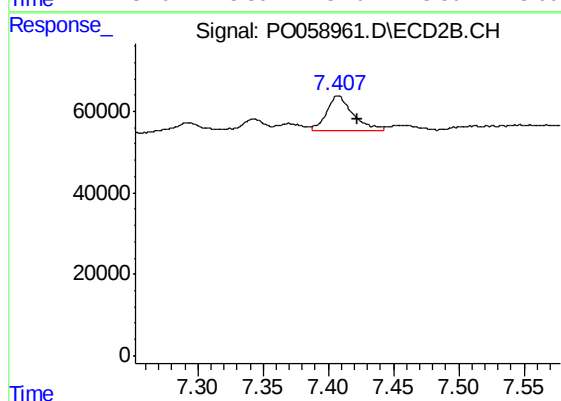
#41 AR-1268-1

R.T.: 7.370 min
Delta R.T.: 0.013 min
Response: 27120
Conc: 3.33 ng/ml



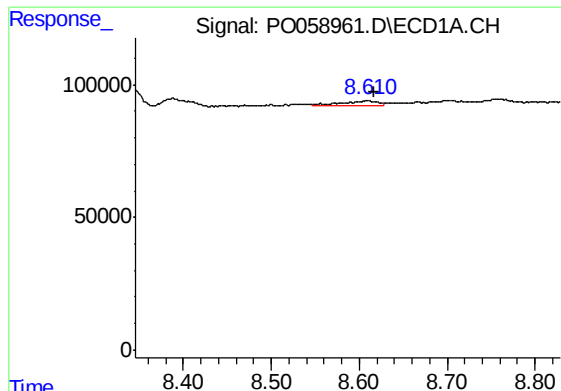
#42 AR-1268-2

R.T.: 8.388 min
Delta R.T.: -0.029 min
Response: 79727
Conc: 8.49 ng/ml



#42 AR-1268-2

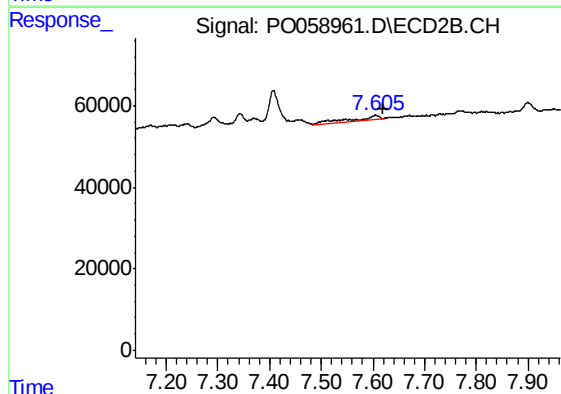
R.T.: 7.408 min
Delta R.T.: -0.014 min
Response: 121976
Conc: 16.10 ng/ml



#43 AR-1268-3

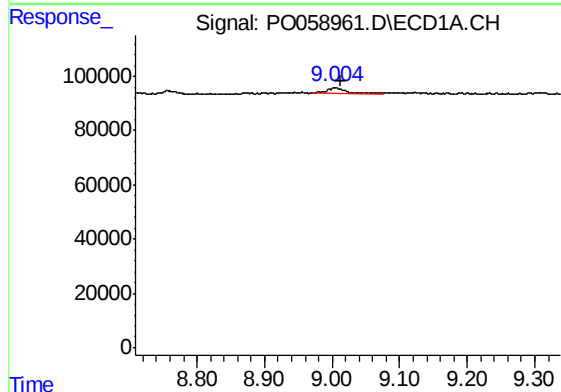
R.T.: 8.609 min
Delta R.T.: -0.008 min
Response: 48364
Conc: 5.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
S5-01-B-01



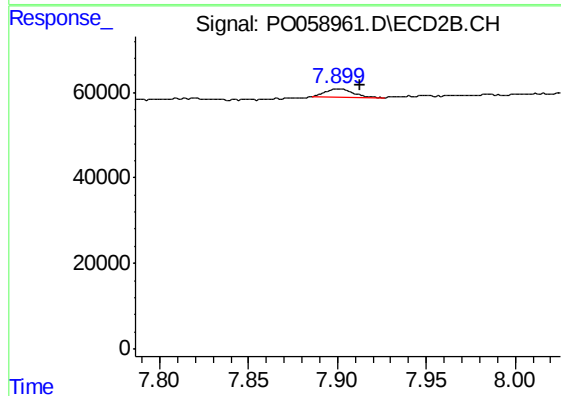
#43 AR-1268-3

R.T.: 7.605 min
Delta R.T.: -0.014 min
Response: 35249
Conc: 5.51 ng/ml



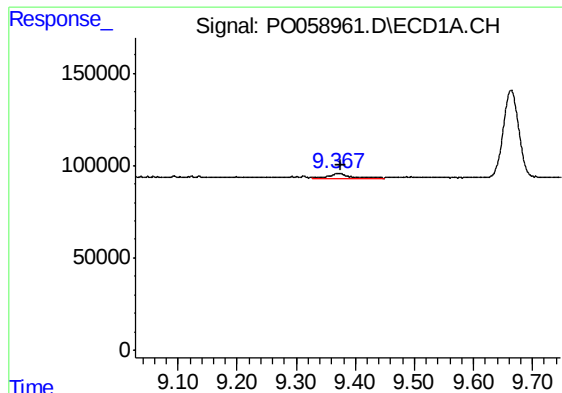
#44 AR-1268-4

R.T.: 9.005 min
Delta R.T.: -0.009 min
Response: 38502
Conc: 12.88 ng/ml



#44 AR-1268-4

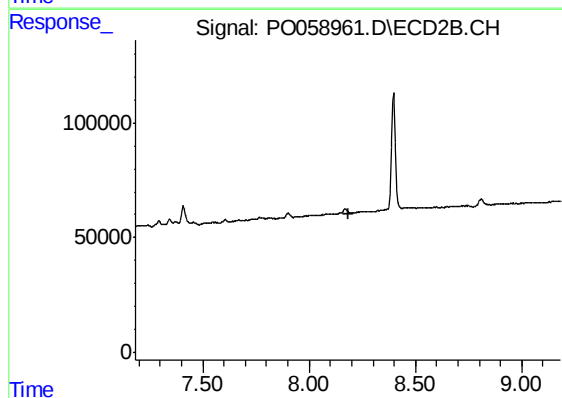
R.T.: 7.900 min
Delta R.T.: -0.013 min
Response: 20718
Conc: 8.93 ng/ml



#45 AR-1268-5

R.T.: 9.372 min
Delta R.T.: -0.005 min
Response: 59170
Conc: 2.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
S5-01-B-01



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.183 min
Response: 0
Conc: N.D.