

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101421\
 Data File : PP040061.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 14 Oct 2021 14:58
 Operator : AJ\MA
 Sample : M4195-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 16:03:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP101221.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 13 08:03:59 2021
 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...	4.894	3.982	491109	312271	16.172	18.471
2)	SA Decachlor...	10.915	9.311	446685	399258	18.072	18.813
Target Compounds							
3)	L1 AR-1016-1	6.217	5.245	304146	105485	308.024	161.638 #
4)	L1 AR-1016-2	6.242	5.266	440402	75346	308.190	82.415 #
5)	L1 AR-1016-3	6.313	5.457	372565	46139	427.513	91.199 #
6)	L1 AR-1016-4	6.414	5.511	339079	112605	476.543	275.013 #
7)	L1 AR-1016-5	6.728	5.743	118272	86643	184.917	173.056
8)	L2 AR-1221-1	5.122f	4.242	100808	55681	289.465	272.083
9)	L2 AR-1221-2	5.230	4.360f	155104	150405	696.175	894.165 #
10)	L2 AR-1221-3	5.337	4.430	345610	58030	428.699	107.157 #
11)	L3 AR-1232-1	5.337	4.430	345610	58030	555.423	142.875 #
12)	L3 AR-1232-2	5.923	5.266	448847	75346	1307.759	192.734 #
13)	L3 AR-1232-3	6.242	5.457	440402	46139	696.739	222.749 #
14)	L3 AR-1232-4	6.414	5.556	339079	130142	1081.137	687.813 #
15)	L3 AR-1232-5	6.514	5.743	195610	86643	834.190	419.657 #
16)	L4 AR-1242-1	6.217	5.245	304146	105485	387.357	211.996 #
17)	L4 AR-1242-2	6.242	5.266	440402	75346	388.261	110.317 #
18)	L4 AR-1242-3	6.313	5.457	372565	46139	536.056	122.290 #
19)	L4 AR-1242-4	6.414	5.556	339079	130142	588.483	351.329 #
20)	L4 AR-1242-5	7.200	6.125	102691	185421	196.349	388.753 #
21)	L5 AR-1248-1	6.217	5.245	304146	105485	493.025	270.559 #
22)	L5 AR-1248-2	6.514	5.511	195610	112605	244.355	209.498
23)	L5 AR-1248-3	6.728	5.556	118272	130142	131.904	230.221 #
24)	L5 AR-1248-4	7.165	5.743	96645	86643	105.022	135.578 #
25)	L5 AR-1248-5	7.200	6.168	102691	152693	116.087	244.765 #
26)	L6 AR-1254-1	7.110f	6.125	177700	185421	191.529	193.545
27)	L6 AR-1254-2	7.363	6.282	115161	82696	83.186	93.696
28)	L6 AR-1254-3	7.746	6.713	148414	154463	104.175	113.295
29)	L6 AR-1254-4	8.040	6.943	96630	61006	91.316	71.126
30)	L6 AR-1254-5	8.468	7.378	65059	129965	55.661	100.685 #
31)	L7 AR-1260-1	7.906	6.852	83735	202730	76.653	202.398 #
32)	L7 AR-1260-2	8.175	7.042	54003	41082	39.511	34.695
33)	L7 AR-1260-3	8.541	7.196	44711	32065	49.065	27.139 #
34)	L7 AR-1260-4	8.773	7.686	19078	15167	18.074	17.256
35)	L7 AR-1260-5	9.097	7.929	25819	48823	12.468	23.890 #
36)	L8 AR-1262-1	8.541	7.378	44711	129965	32.787	185.011 #
37)	L8 AR-1262-2	9.097	7.929	25819	48823	10.411	21.695 #
39)	L8 AR-1262-4	0.000	8.281	0	48068	N.D.	27.114 #
40)	L8 AR-1262-5	0.000	8.781	0	9211	N.D.	10.172 #
42)	L9 AR-1268-2	0.000	8.281	0	48068	N.D.	19.199 #
43)	L9 AR-1268-3	0.000	8.513f	0	12408	N.D.	5.667 #

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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
44) L9	AR-1268-4	0.000	8.781	0	9211	N.D.	9.289 #
45) L9	AR-1268-5	10.598f	0.000	100000	0	11.626	N.D. #

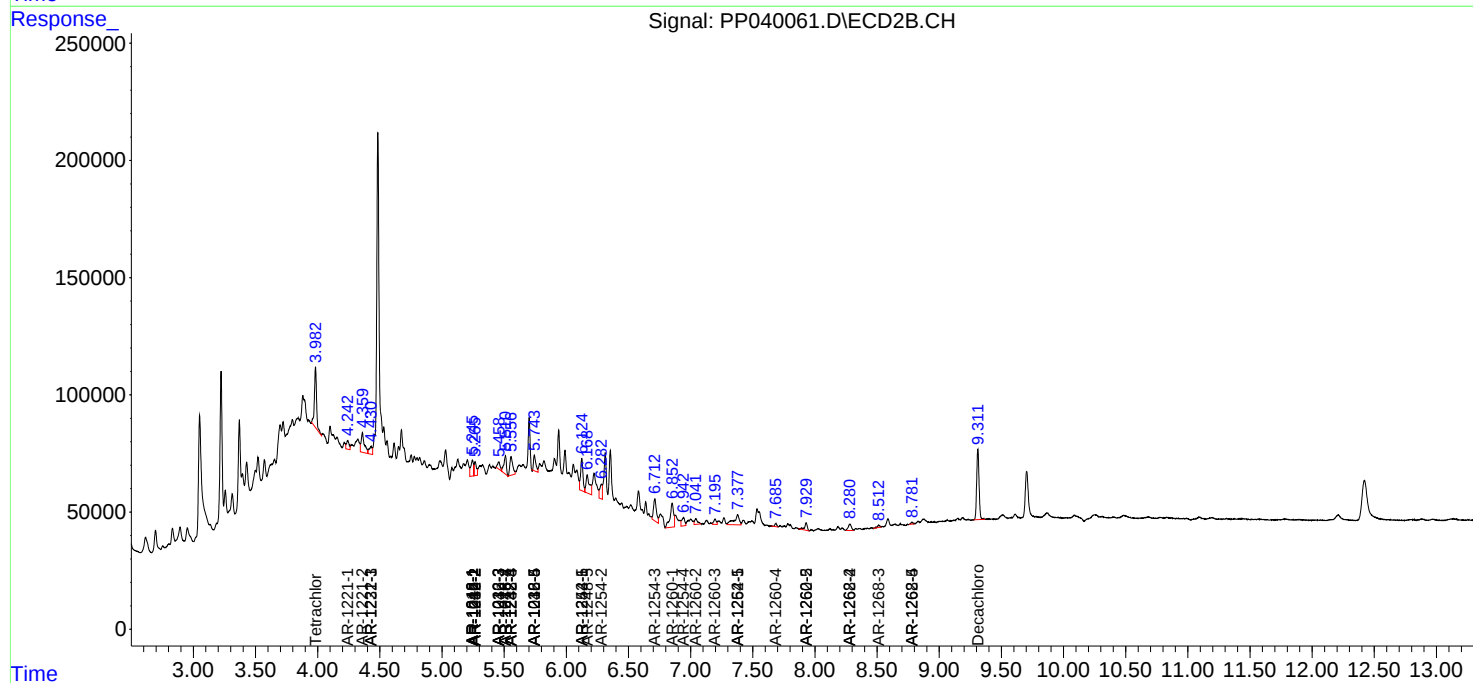
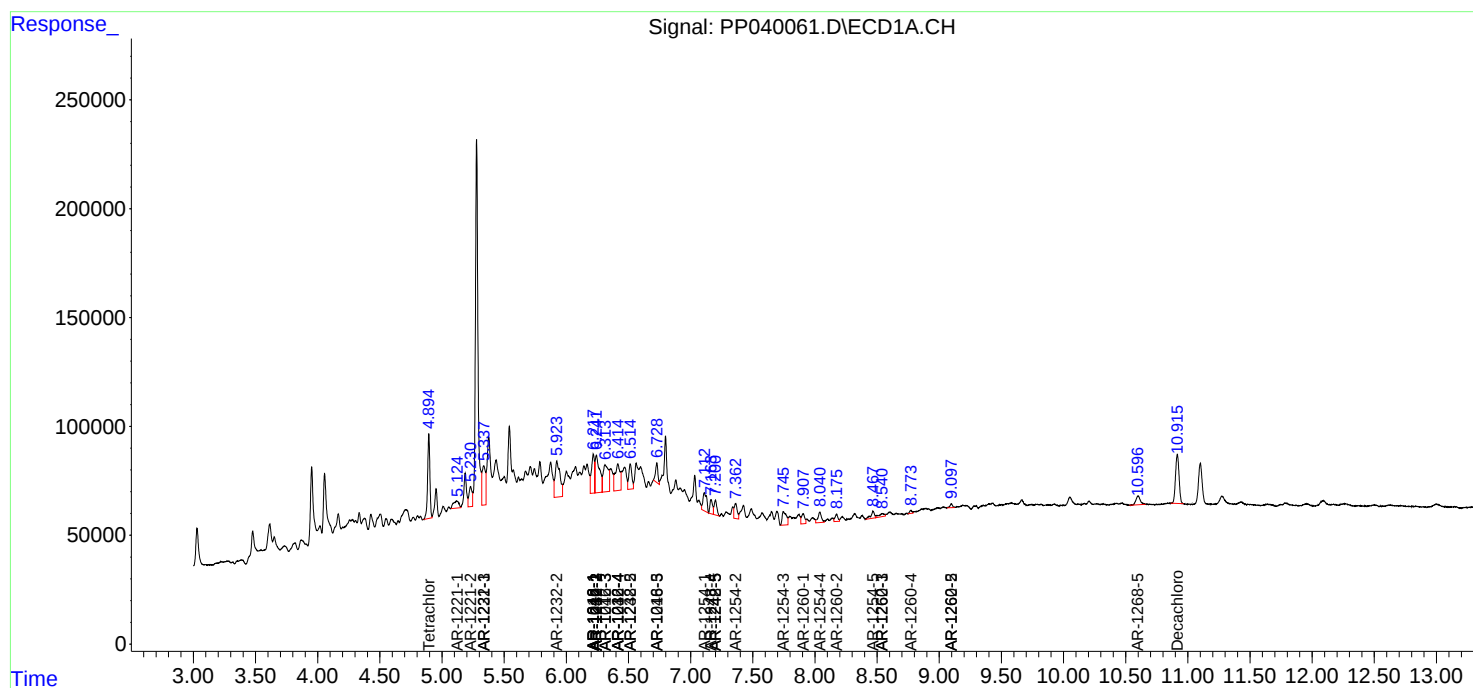
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

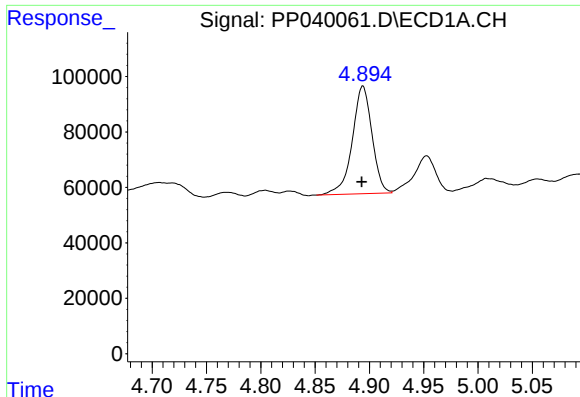
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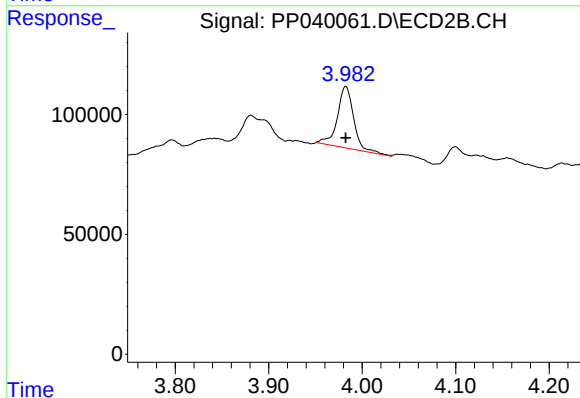




#1 Tetrachloro-m-xylene

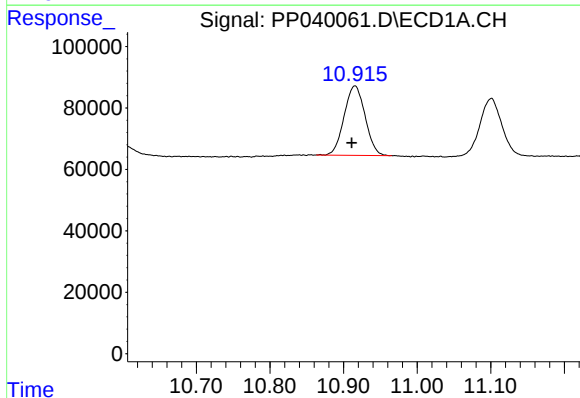
R.T.: 4.894 min
Delta R.T.: 0.001 min
Response: 491109
Conc: 16.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



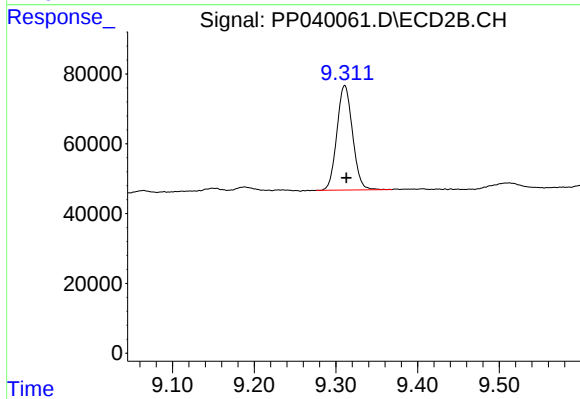
#1 Tetrachloro-m-xylene

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 312271
Conc: 18.47 ng/ml



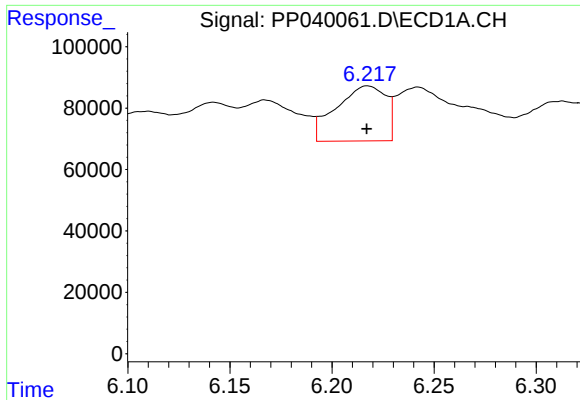
#2 Decachlorobiphenyl

R.T.: 10.915 min
Delta R.T.: 0.004 min
Response: 446685
Conc: 18.07 ng/ml



#2 Decachlorobiphenyl

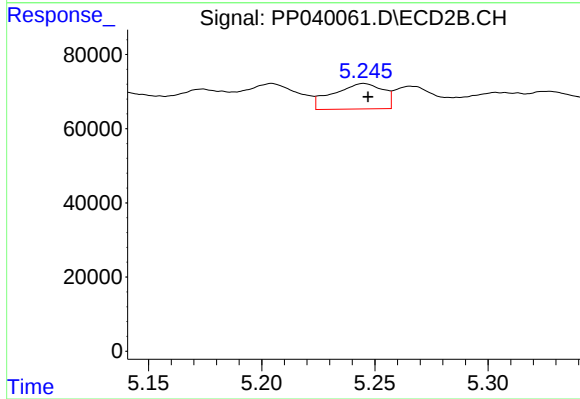
R.T.: 9.311 min
Delta R.T.: -0.002 min
Response: 399258
Conc: 18.81 ng/ml



#3 AR-1016-1

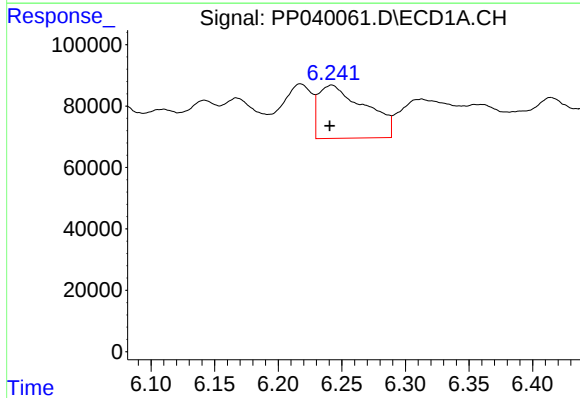
R.T.: 6.217 min
Delta R.T.: 0.000 min
Response: 304146
Conc: 308.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



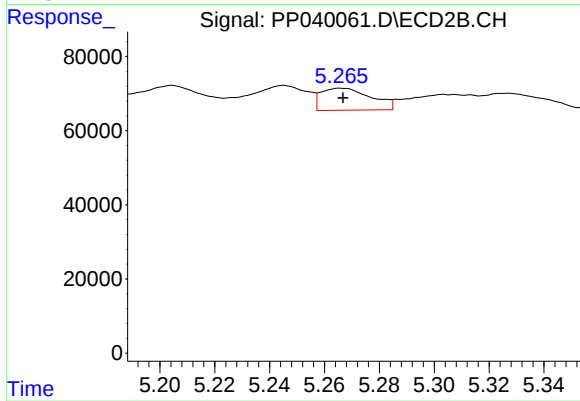
#3 AR-1016-1

R.T.: 5.245 min
Delta R.T.: -0.002 min
Response: 105485
Conc: 161.64 ng/ml



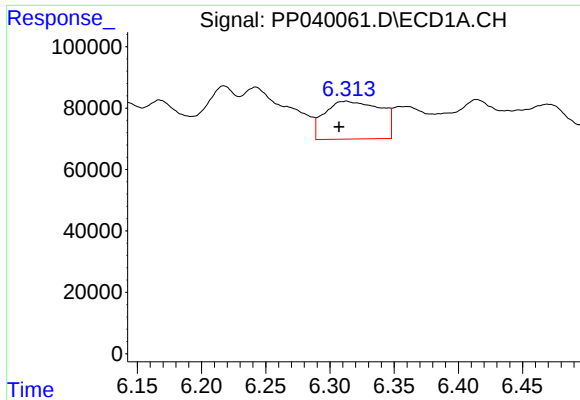
#4 AR-1016-2

R.T.: 6.242 min
Delta R.T.: 0.002 min
Response: 440402
Conc: 308.19 ng/ml



#4 AR-1016-2

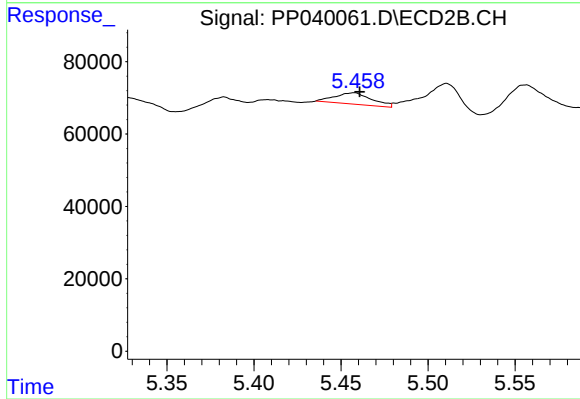
R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 75346
Conc: 82.41 ng/ml



#5 AR-1016-3

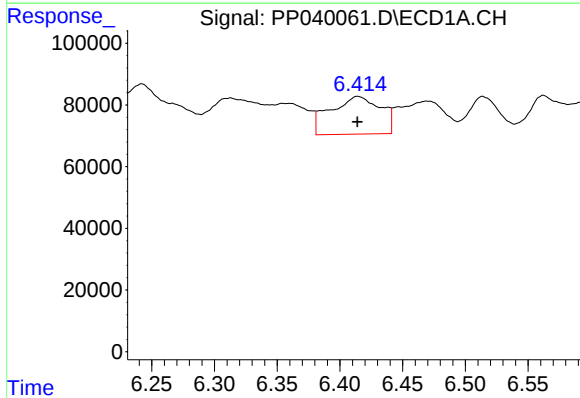
R.T.: 6.313 min
Delta R.T.: 0.006 min
Response: 372565
Conc: 427.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



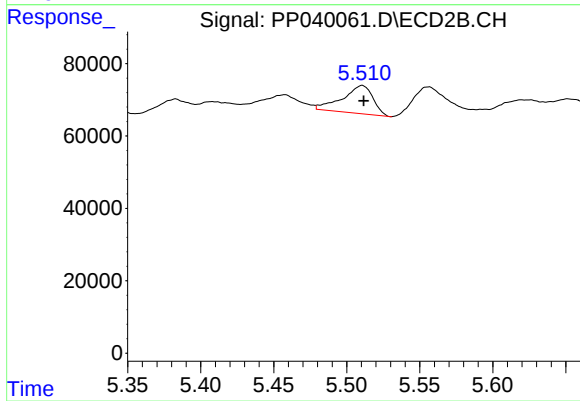
#5 AR-1016-3

R.T.: 5.457 min
Delta R.T.: -0.003 min
Response: 46139
Conc: 91.20 ng/ml



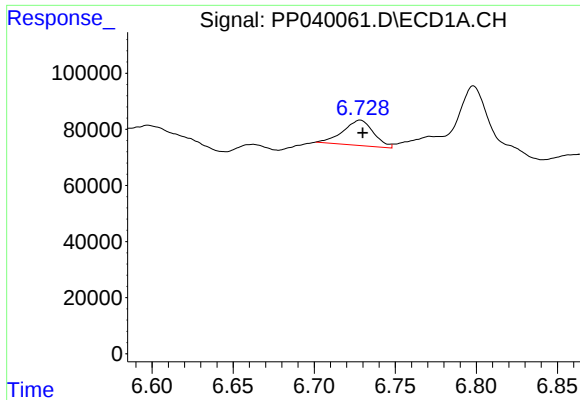
#6 AR-1016-4

R.T.: 6.414 min
Delta R.T.: 0.000 min
Response: 339079
Conc: 476.54 ng/ml



#6 AR-1016-4

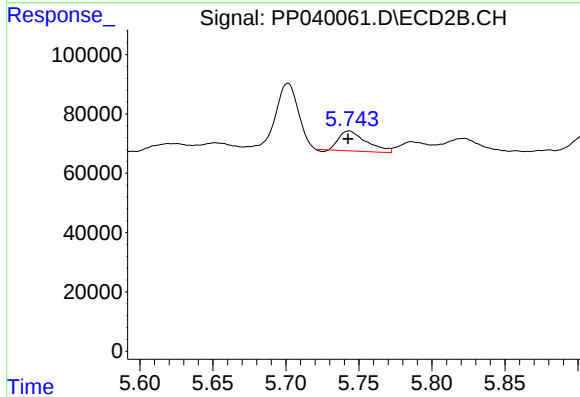
R.T.: 5.511 min
Delta R.T.: -0.001 min
Response: 112605
Conc: 275.01 ng/ml



#7 AR-1016-5

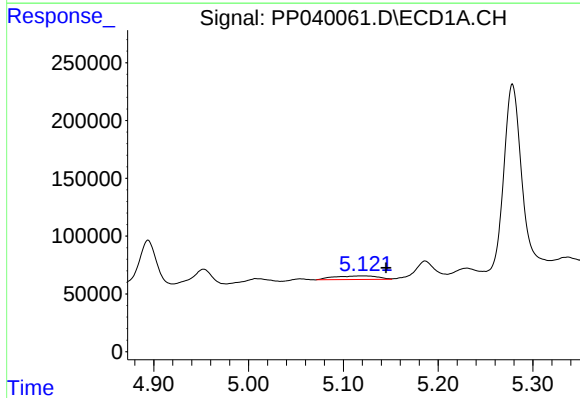
R.T.: 6.728 min
Delta R.T.: -0.002 min
Response: 118272
Conc: 184.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



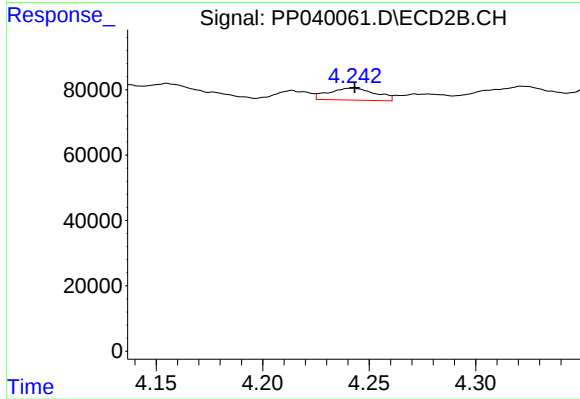
#7 AR-1016-5

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 86643
Conc: 173.06 ng/ml



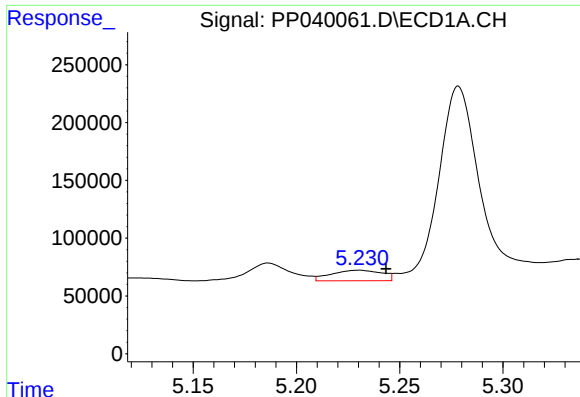
#8 AR-1221-1

R.T.: 5.122 min
Delta R.T.: -0.024 min
Response: 100808
Conc: 289.47 ng/ml



#8 AR-1221-1

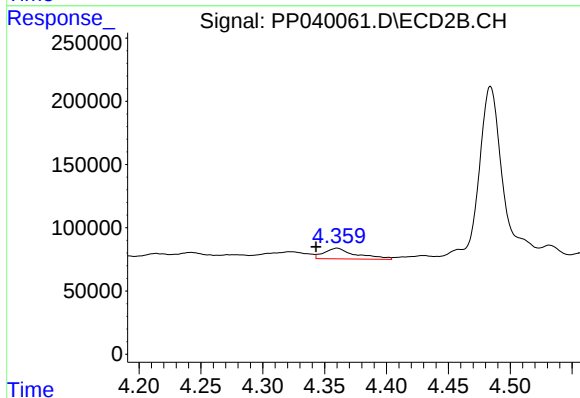
R.T.: 4.242 min
Delta R.T.: -0.001 min
Response: 55681
Conc: 272.08 ng/ml



#9 AR-1221-2

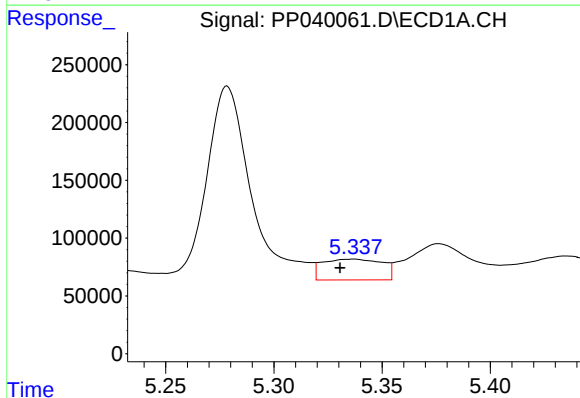
R.T.: 5.230 min
Delta R.T.: -0.013 min
Response: 155104
Conc: 696.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



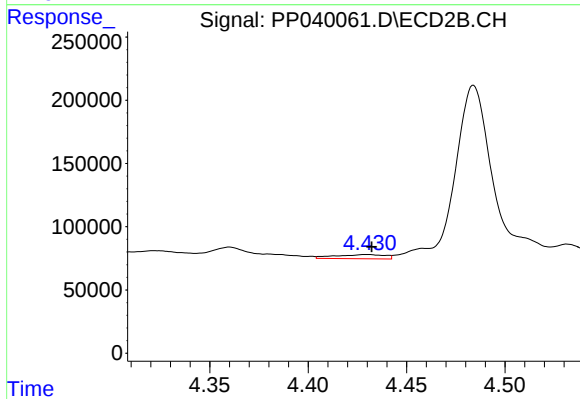
#9 AR-1221-2

R.T.: 4.360 min
Delta R.T.: 0.017 min
Response: 150405
Conc: 894.16 ng/ml



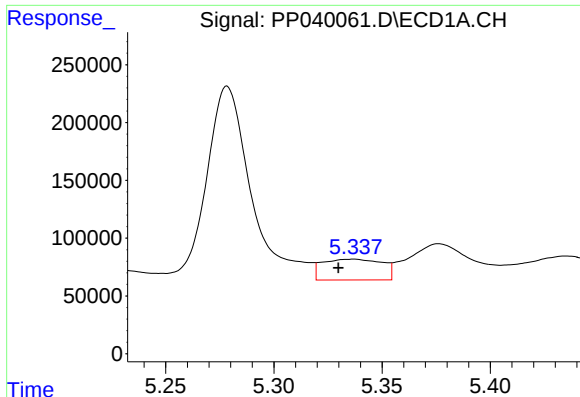
#10 AR-1221-3

R.T.: 5.337 min
Delta R.T.: 0.006 min
Response: 345610
Conc: 428.70 ng/ml



#10 AR-1221-3

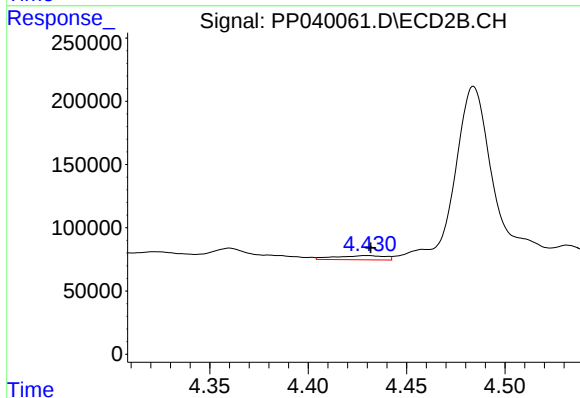
R.T.: 4.430 min
Delta R.T.: -0.003 min
Response: 58030
Conc: 107.16 ng/ml



#11 AR-1232-1

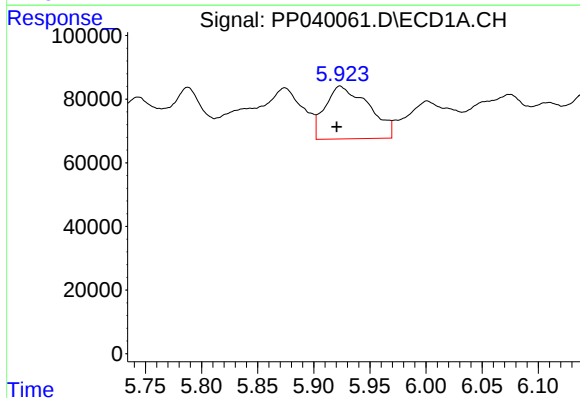
R.T.: 5.337 min
Delta R.T.: 0.007 min
Response: 345610
Conc: 555.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



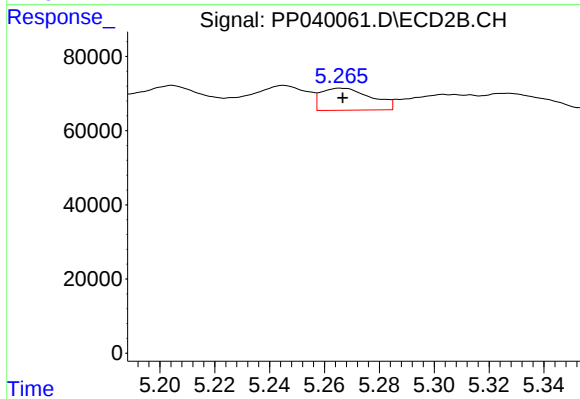
#11 AR-1232-1

R.T.: 4.430 min
Delta R.T.: -0.002 min
Response: 58030
Conc: 142.87 ng/ml



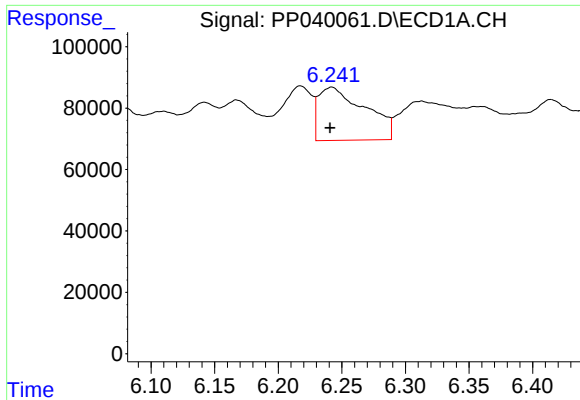
#12 AR-1232-2

R.T.: 5.923 min
Delta R.T.: 0.003 min
Response: 448847
Conc: 1307.76 ng/ml



#12 AR-1232-2

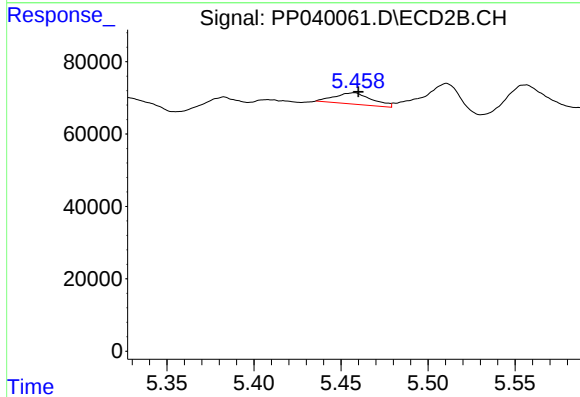
R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 75346
Conc: 192.73 ng/ml



#13 AR-1232-3

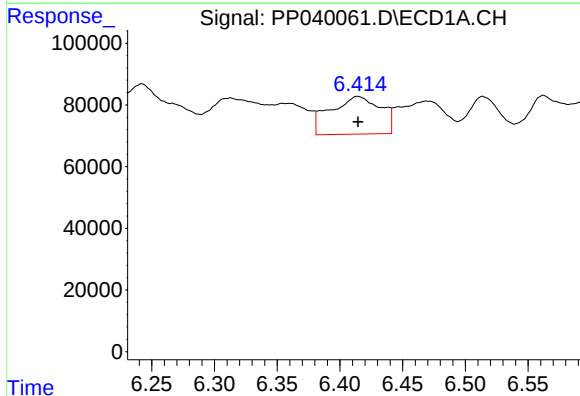
R.T.: 6.242 min
Delta R.T.: 0.001 min
Response: 440402
Conc: 696.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



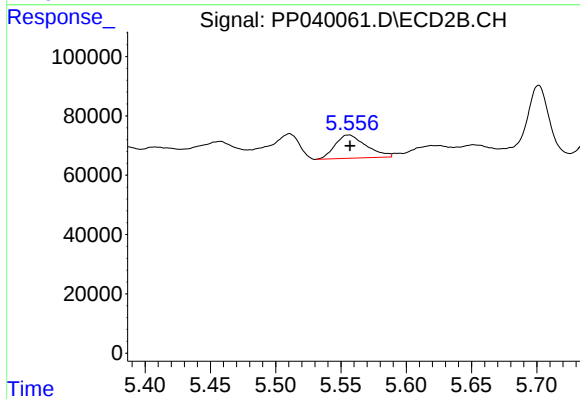
#13 AR-1232-3

R.T.: 5.457 min
Delta R.T.: -0.003 min
Response: 46139
Conc: 222.75 ng/ml



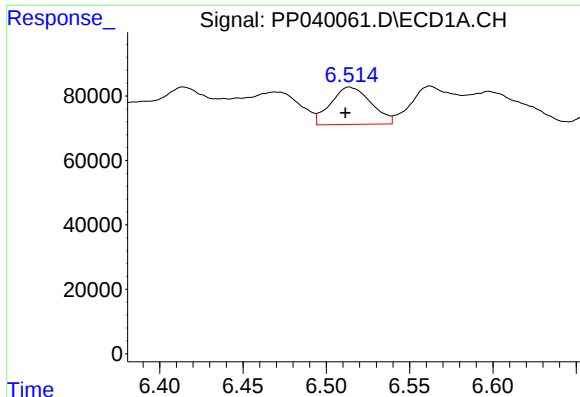
#14 AR-1232-4

R.T.: 6.414 min
Delta R.T.: 0.000 min
Response: 339079
Conc: 1081.14 ng/ml



#14 AR-1232-4

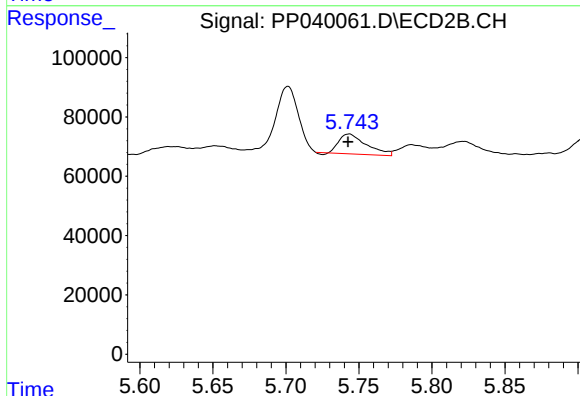
R.T.: 5.556 min
Delta R.T.: -0.001 min
Response: 130142
Conc: 687.81 ng/ml



#15 AR-1232-5

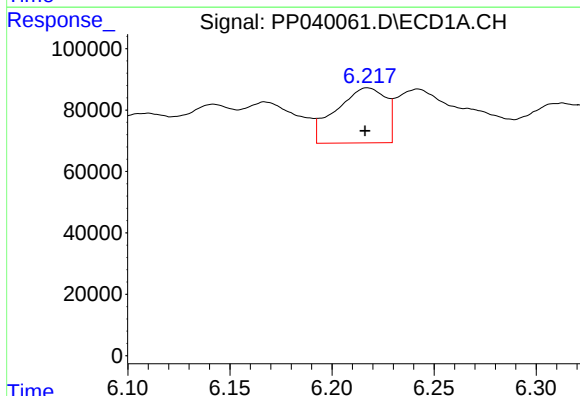
R.T.: 6.514 min
Delta R.T.: 0.002 min
Response: 195610
Conc: 834.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



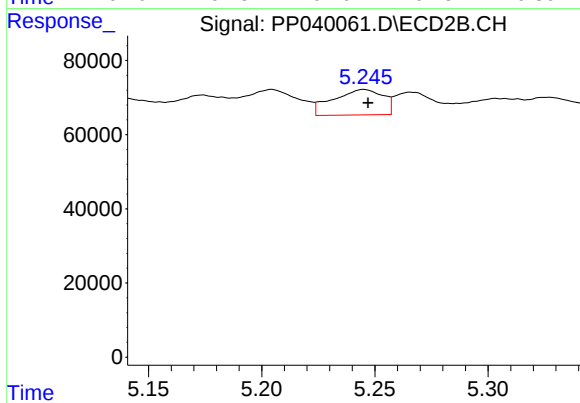
#15 AR-1232-5

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 86643
Conc: 419.66 ng/ml



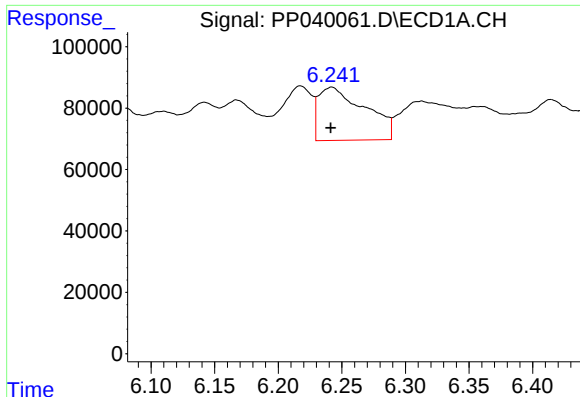
#16 AR-1242-1

R.T.: 6.217 min
Delta R.T.: 0.001 min
Response: 304146
Conc: 387.36 ng/ml



#16 AR-1242-1

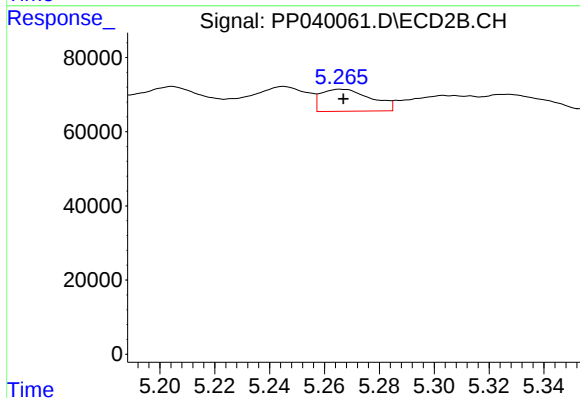
R.T.: 5.245 min
Delta R.T.: -0.002 min
Response: 105485
Conc: 212.00 ng/ml



#17 AR-1242-2

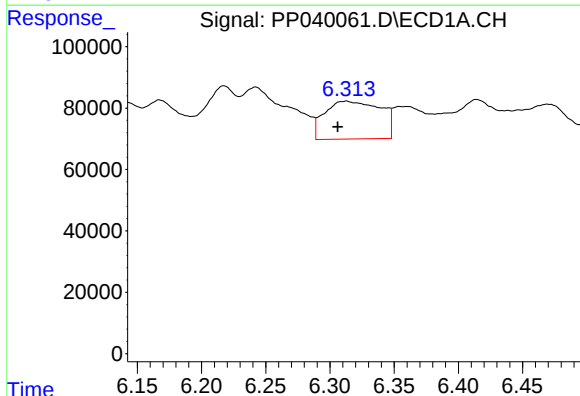
R.T.: 6.242 min
Delta R.T.: 0.000 min
Response: 440402
Conc: 388.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



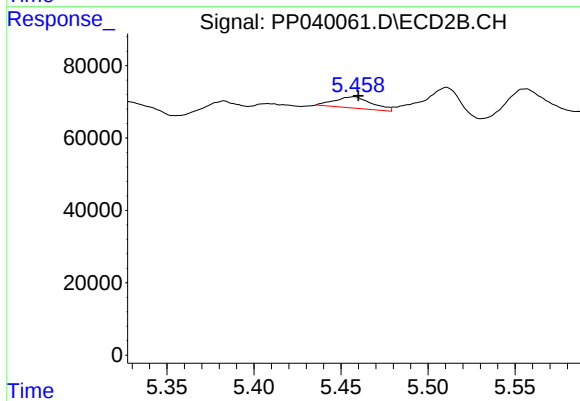
#17 AR-1242-2

R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 75346
Conc: 110.32 ng/ml



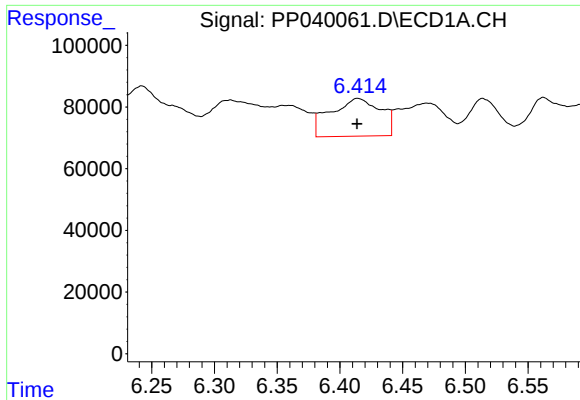
#18 AR-1242-3

R.T.: 6.313 min
Delta R.T.: 0.007 min
Response: 372565
Conc: 536.06 ng/ml



#18 AR-1242-3

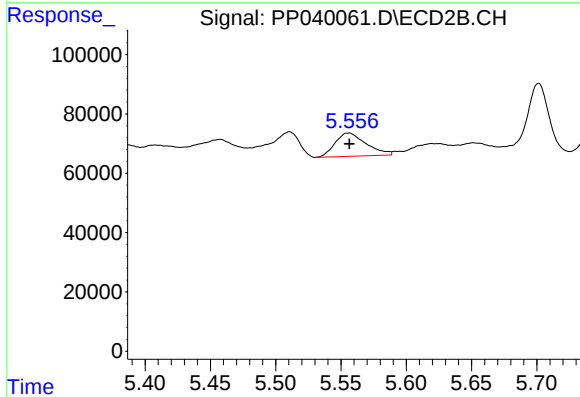
R.T.: 5.457 min
Delta R.T.: -0.003 min
Response: 46139
Conc: 122.29 ng/ml



#19 AR-1242-4

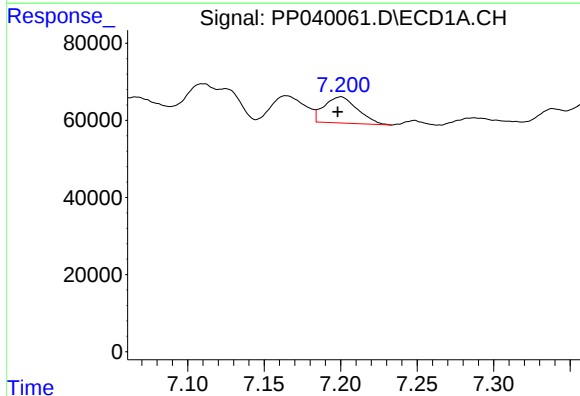
R.T.: 6.414 min
Delta R.T.: 0.000 min
Response: 339079
Conc: 588.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



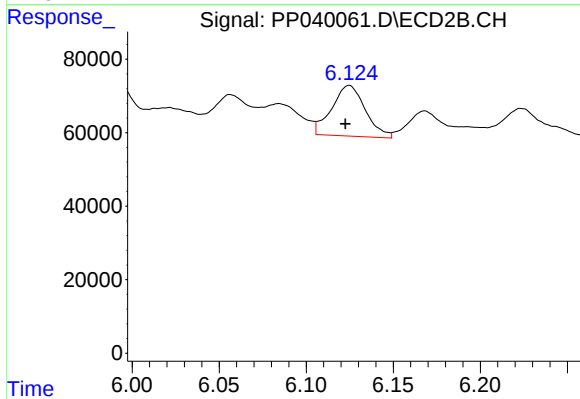
#19 AR-1242-4

R.T.: 5.556 min
Delta R.T.: 0.000 min
Response: 130142
Conc: 351.33 ng/ml



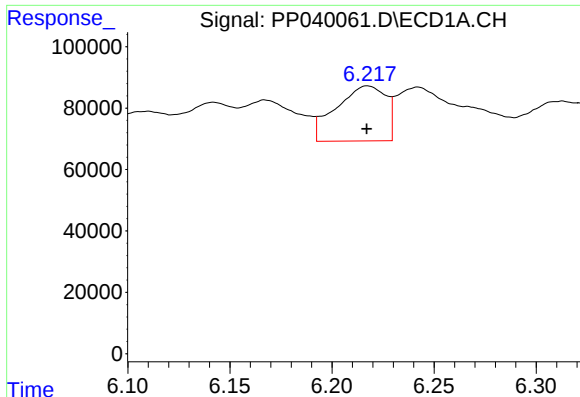
#20 AR-1242-5

R.T.: 7.200 min
Delta R.T.: 0.002 min
Response: 102691
Conc: 196.35 ng/ml



#20 AR-1242-5

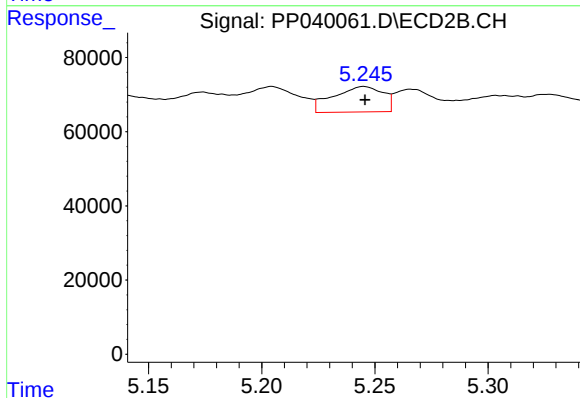
R.T.: 6.125 min
Delta R.T.: 0.002 min
Response: 185421
Conc: 388.75 ng/ml



#21 AR-1248-1

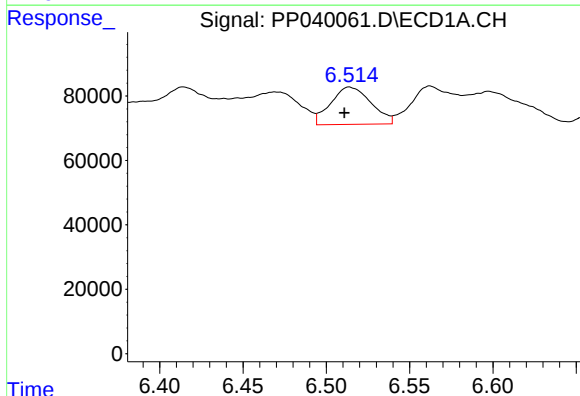
R.T.: 6.217 min
Delta R.T.: 0.000 min
Response: 304146
Conc: 493.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



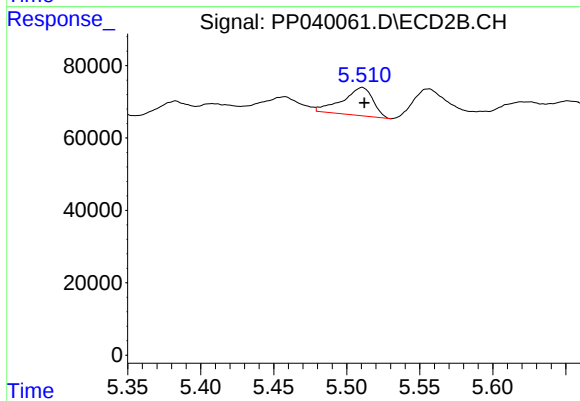
#21 AR-1248-1

R.T.: 5.245 min
Delta R.T.: 0.000 min
Response: 105485
Conc: 270.56 ng/ml



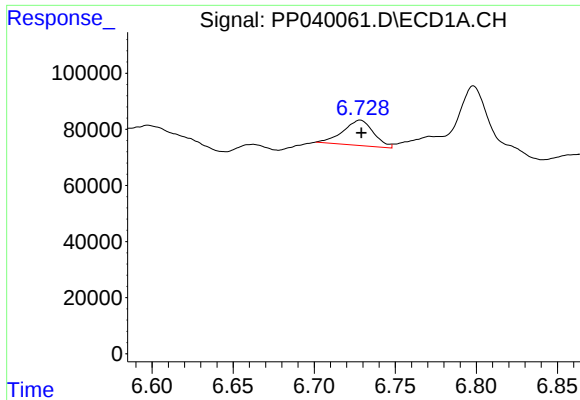
#22 AR-1248-2

R.T.: 6.514 min
Delta R.T.: 0.003 min
Response: 195610
Conc: 244.36 ng/ml



#22 AR-1248-2

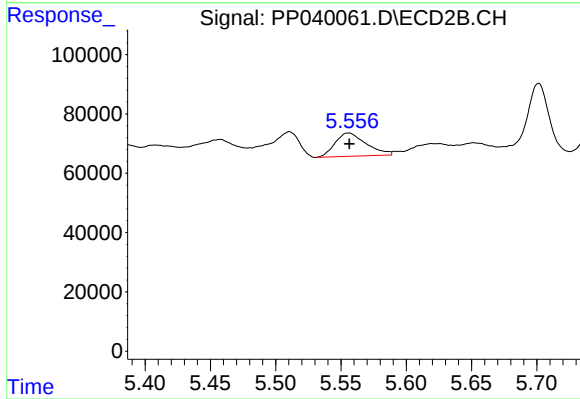
R.T.: 5.511 min
Delta R.T.: -0.001 min
Response: 112605
Conc: 209.50 ng/ml



#23 AR-1248-3

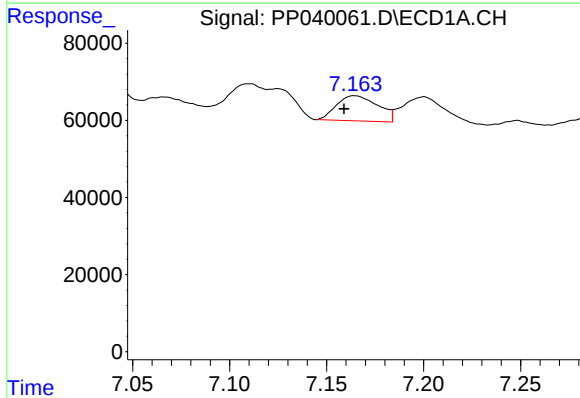
R.T.: 6.728 min
Delta R.T.: 0.000 min
Response: 118272
Conc: 131.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



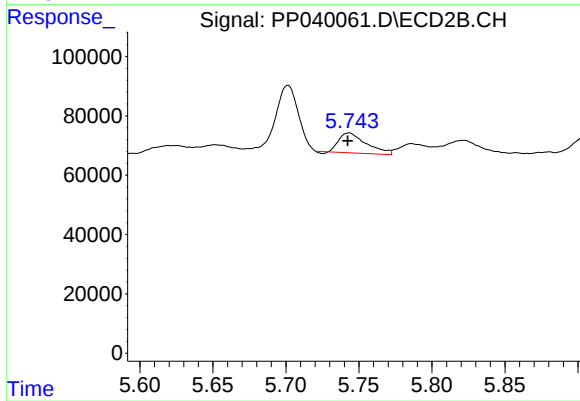
#23 AR-1248-3

R.T.: 5.556 min
Delta R.T.: 0.000 min
Response: 130142
Conc: 230.22 ng/ml



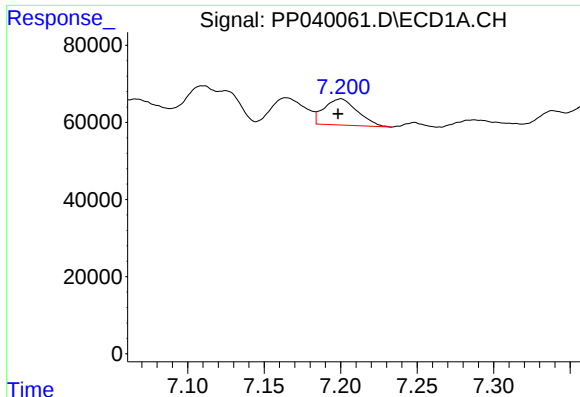
#24 AR-1248-4

R.T.: 7.165 min
Delta R.T.: 0.006 min
Response: 96645
Conc: 105.02 ng/ml



#24 AR-1248-4

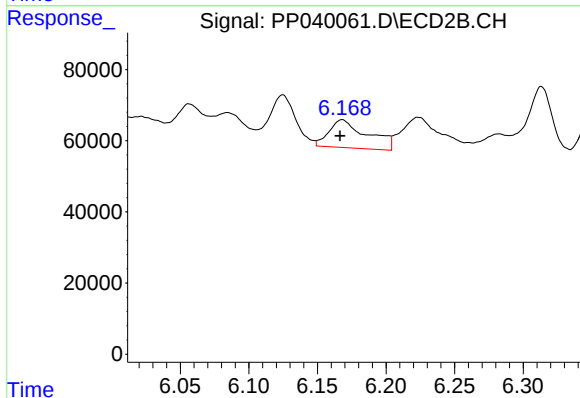
R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 86643
Conc: 135.58 ng/ml



#25 AR-1248-5

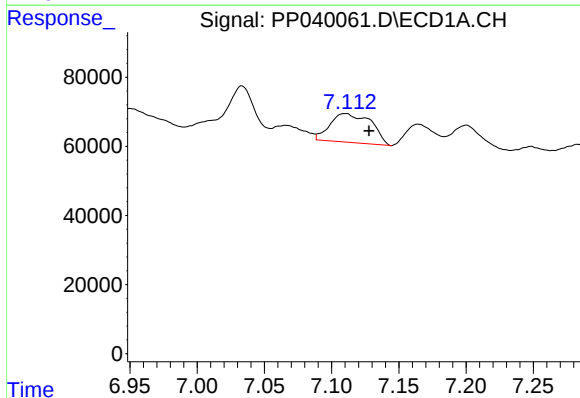
R.T.: 7.200 min
Delta R.T.: 0.002 min
Response: 102691
Conc: 116.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



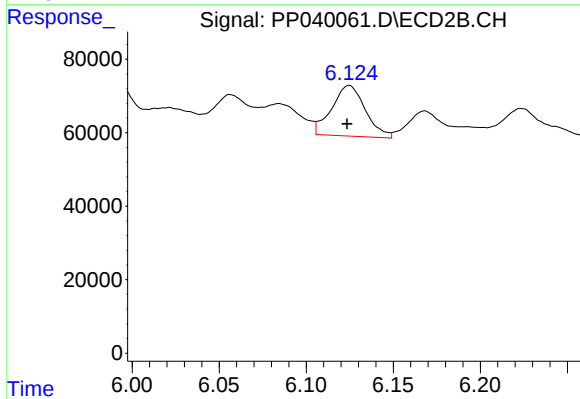
#25 AR-1248-5

R.T.: 6.168 min
Delta R.T.: 0.002 min
Response: 152693
Conc: 244.76 ng/ml



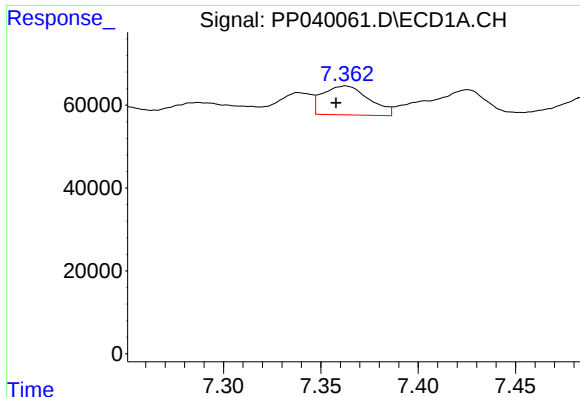
#26 AR-1254-1

R.T.: 7.110 min
Delta R.T.: -0.018 min
Response: 177700
Conc: 191.53 ng/ml



#26 AR-1254-1

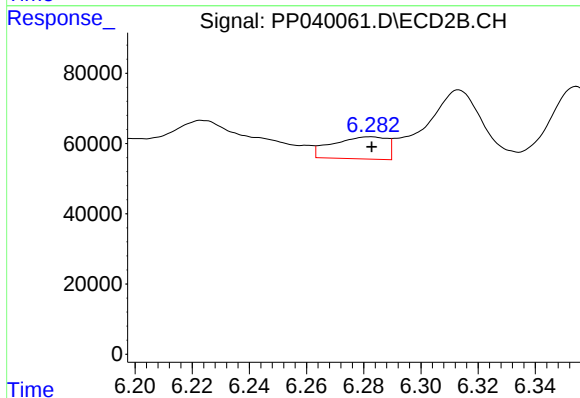
R.T.: 6.125 min
Delta R.T.: 0.001 min
Response: 185421
Conc: 193.54 ng/ml



#27 AR-1254-2

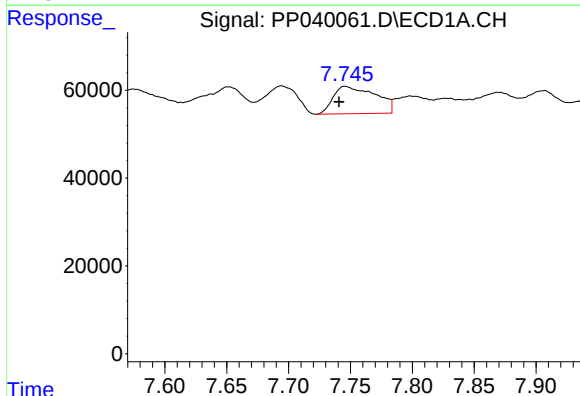
R.T.: 7.363 min
Delta R.T.: 0.005 min
Response: 115161
Conc: 83.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



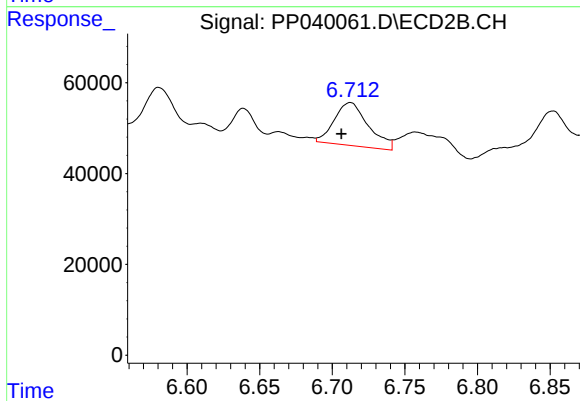
#27 AR-1254-2

R.T.: 6.282 min
Delta R.T.: 0.000 min
Response: 82696
Conc: 93.70 ng/ml



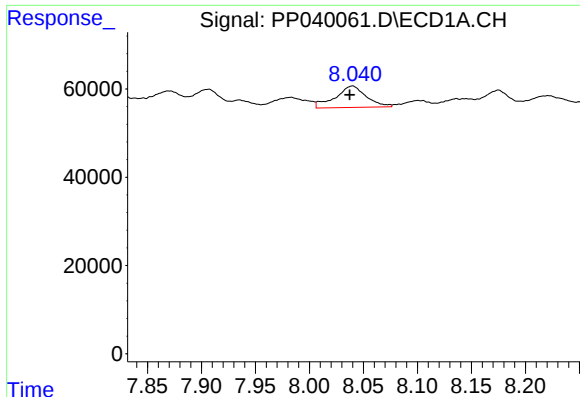
#28 AR-1254-3

R.T.: 7.746 min
Delta R.T.: 0.005 min
Response: 148414
Conc: 104.17 ng/ml



#28 AR-1254-3

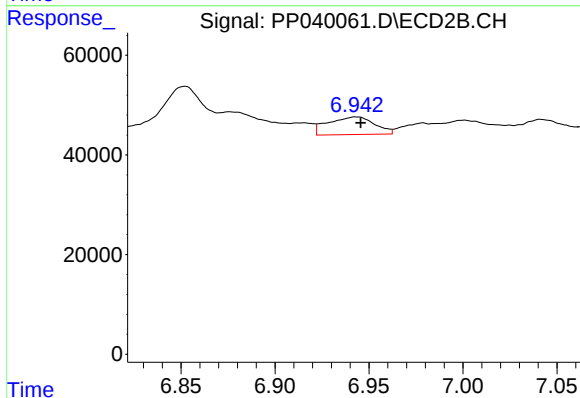
R.T.: 6.713 min
Delta R.T.: 0.006 min
Response: 154463
Conc: 113.30 ng/ml



#29 AR-1254-4

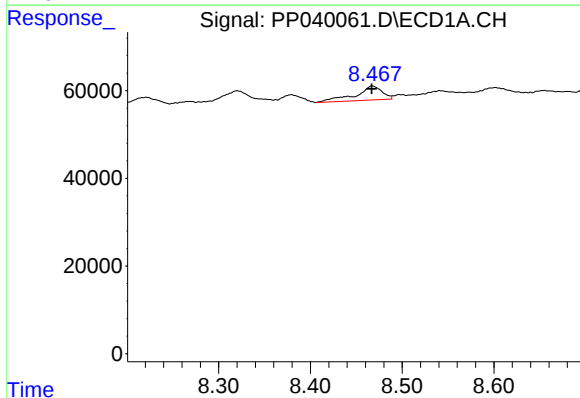
R.T.: 8.040 min
Delta R.T.: 0.003 min
Response: 96630
Conc: 91.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



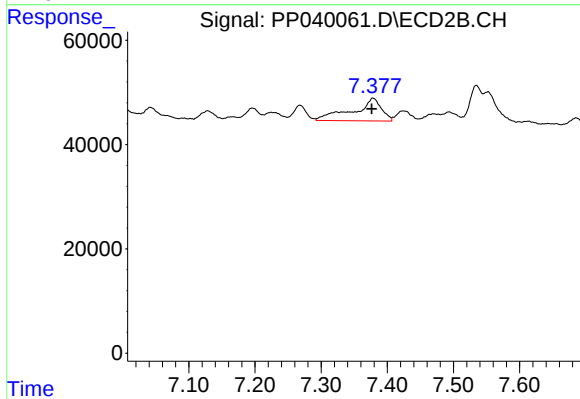
#29 AR-1254-4

R.T.: 6.943 min
Delta R.T.: -0.002 min
Response: 61006
Conc: 71.13 ng/ml



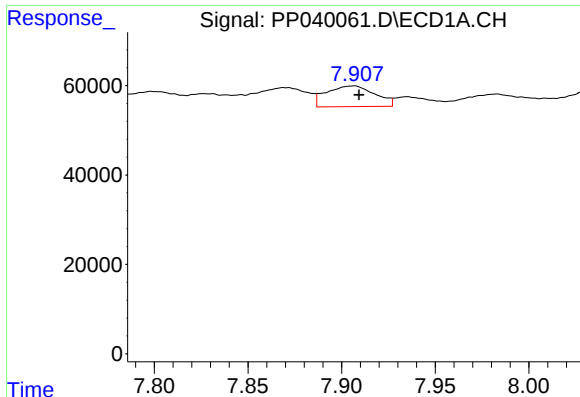
#30 AR-1254-5

R.T.: 8.468 min
Delta R.T.: 0.000 min
Response: 65059
Conc: 55.66 ng/ml



#30 AR-1254-5

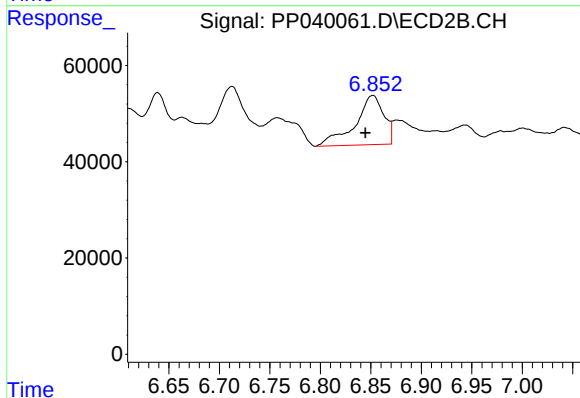
R.T.: 7.378 min
Delta R.T.: 0.002 min
Response: 129965
Conc: 100.69 ng/ml



#31 AR-1260-1

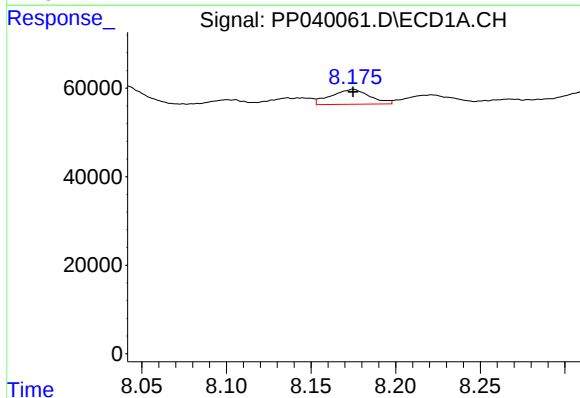
R.T.: 7.906 min
Delta R.T.: -0.003 min
Response: 83735
Conc: 76.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



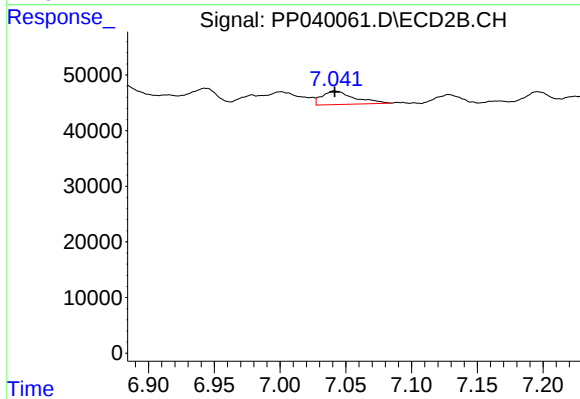
#31 AR-1260-1

R.T.: 6.852 min
Delta R.T.: 0.008 min
Response: 202730
Conc: 202.40 ng/ml



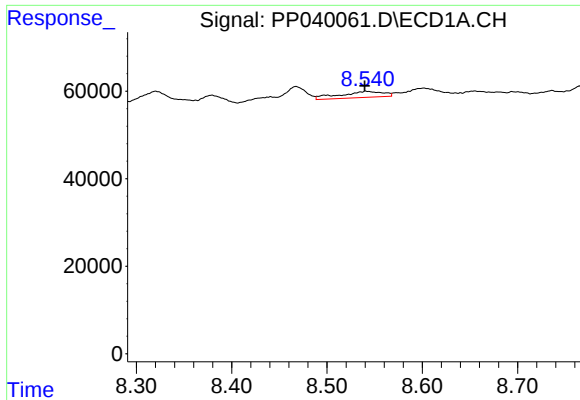
#32 AR-1260-2

R.T.: 8.175 min
Delta R.T.: 0.000 min
Response: 54003
Conc: 39.51 ng/ml



#32 AR-1260-2

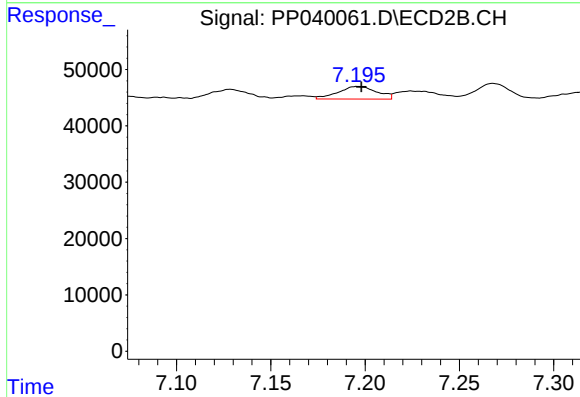
R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 41082
Conc: 34.69 ng/ml



#33 AR-1260-3

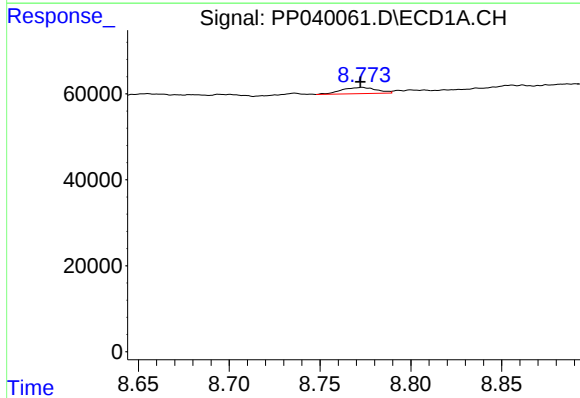
R.T.: 8.541 min
Delta R.T.: 0.002 min
Response: 44711
Conc: 49.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



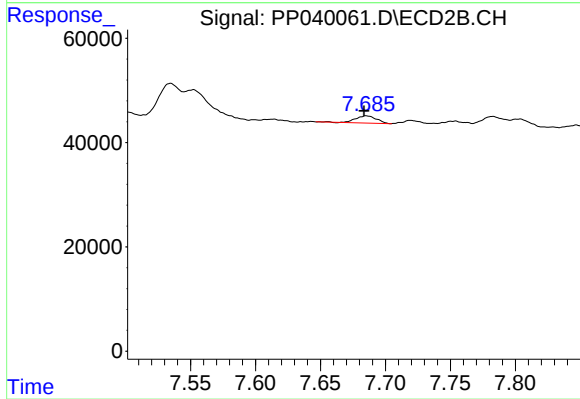
#33 AR-1260-3

R.T.: 7.196 min
Delta R.T.: -0.002 min
Response: 32065
Conc: 27.14 ng/ml



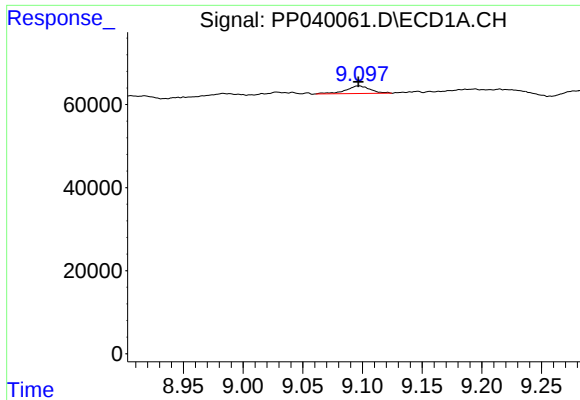
#34 AR-1260-4

R.T.: 8.773 min
Delta R.T.: 0.000 min
Response: 19078
Conc: 18.07 ng/ml



#34 AR-1260-4

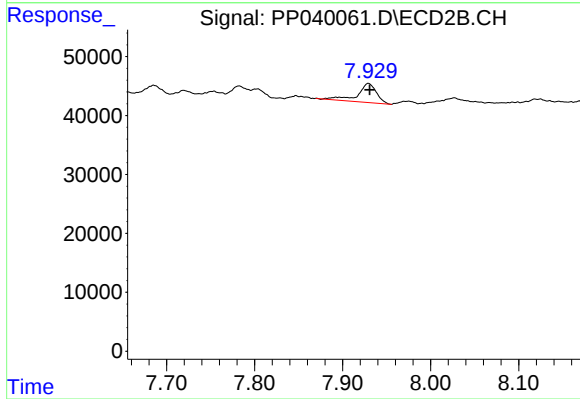
R.T.: 7.686 min
Delta R.T.: 0.002 min
Response: 15167
Conc: 17.26 ng/ml



#35 AR-1260-5

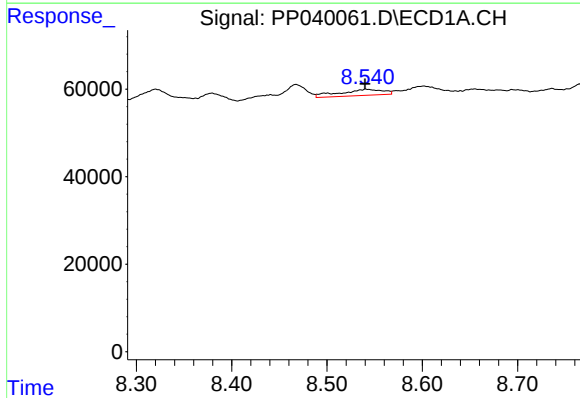
R.T.: 9.097 min
Delta R.T.: 0.000 min
Response: 25819
Conc: 12.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



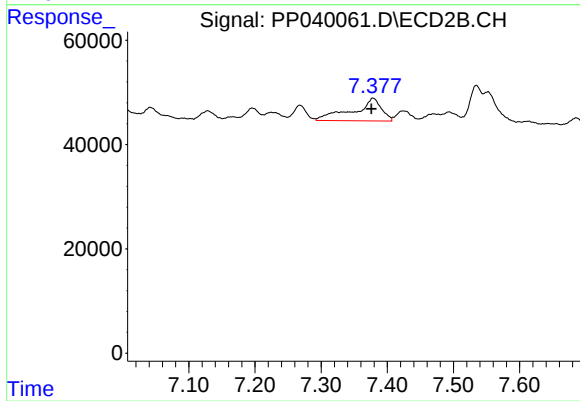
#35 AR-1260-5

R.T.: 7.929 min
Delta R.T.: -0.002 min
Response: 48823
Conc: 23.89 ng/ml



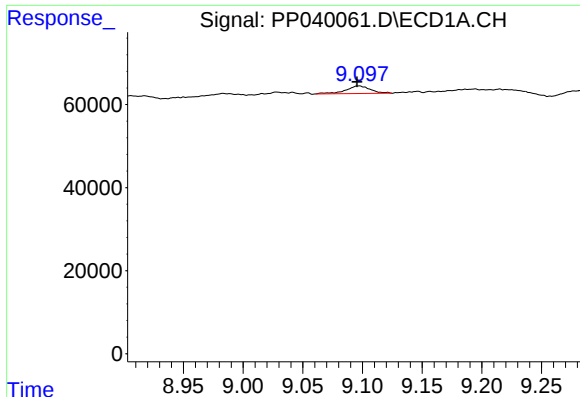
#36 AR-1262-1

R.T.: 8.541 min
Delta R.T.: 0.002 min
Response: 44711
Conc: 32.79 ng/ml



#36 AR-1262-1

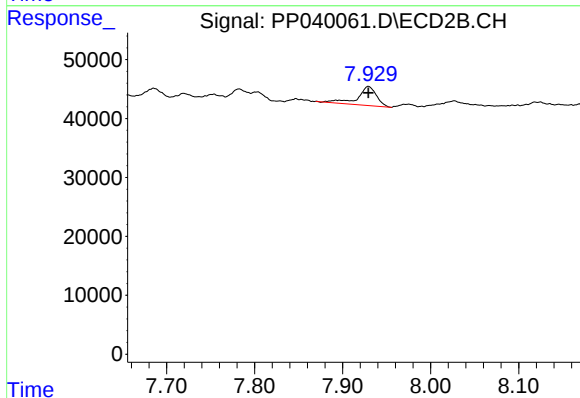
R.T.: 7.378 min
Delta R.T.: 0.002 min
Response: 129965
Conc: 185.01 ng/ml



#37 AR-1262-2

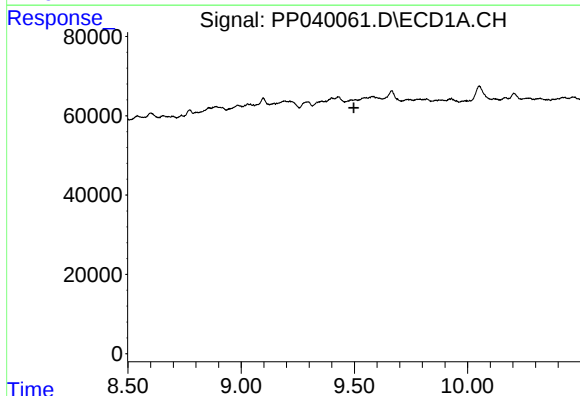
R.T.: 9.097 min
Delta R.T.: 0.001 min
Response: 25819
Conc: 10.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



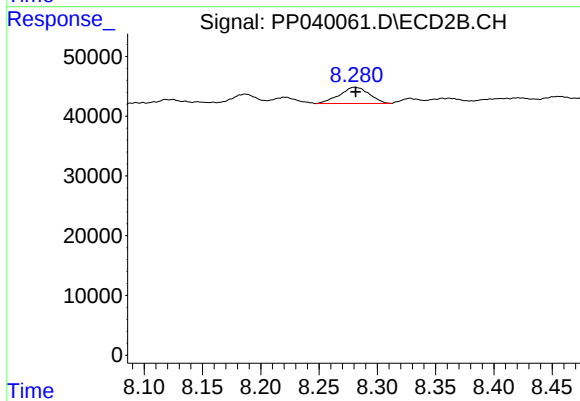
#37 AR-1262-2

R.T.: 7.929 min
Delta R.T.: 0.000 min
Response: 48823
Conc: 21.70 ng/ml



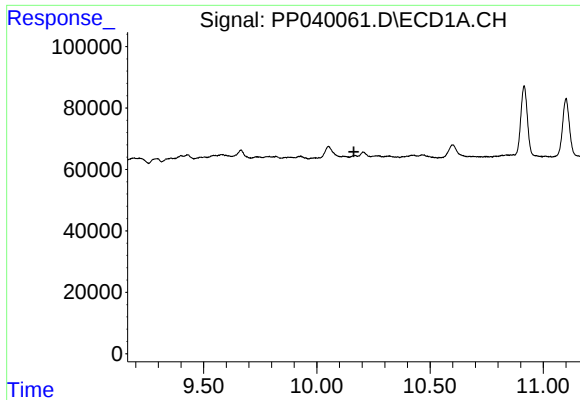
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 9.498 min
Response: 0
Conc: N.D.



#39 AR-1262-4

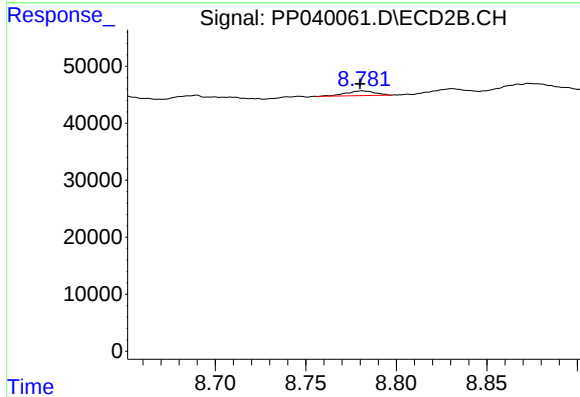
R.T.: 8.281 min
Delta R.T.: 0.000 min
Response: 48068
Conc: 27.11 ng/ml



#40 AR-1262-5

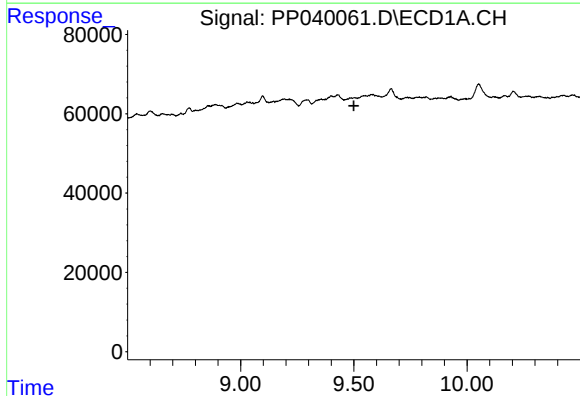
R.T.: 0.000 min
Exp R.T.: 10.164 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



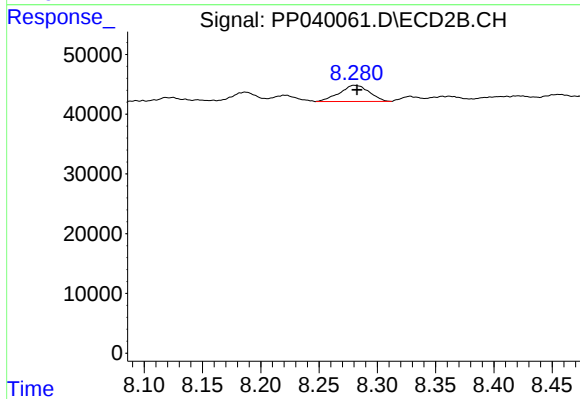
#40 AR-1262-5

R.T.: 8.781 min
Delta R.T.: 0.002 min
Response: 9211
Conc: 10.17 ng/ml



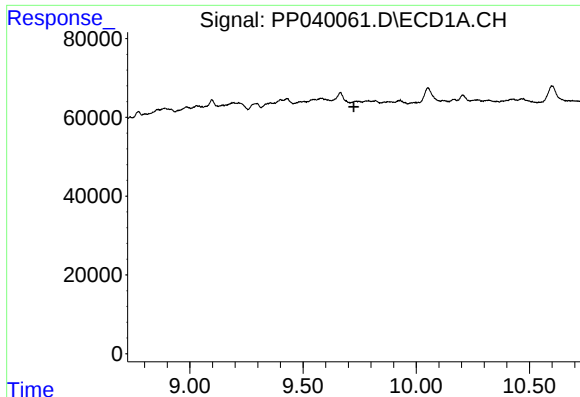
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 9.500 min
Response: 0
Conc: N.D.



#42 AR-1268-2

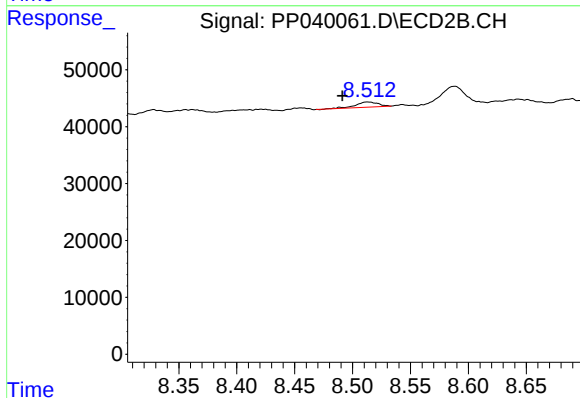
R.T.: 8.281 min
Delta R.T.: -0.002 min
Response: 48068
Conc: 19.20 ng/ml



#43 AR-1268-3

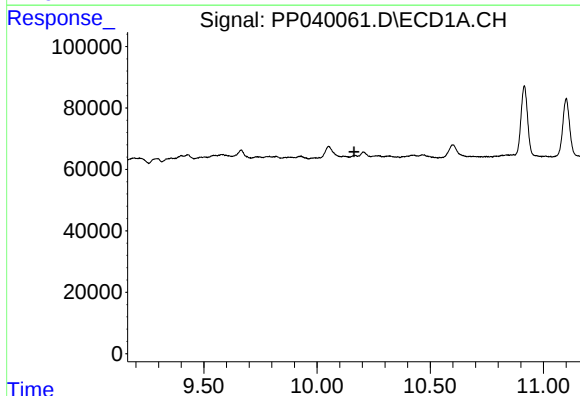
R.T.: 0.000 min
Exp R.T.: 9.725 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



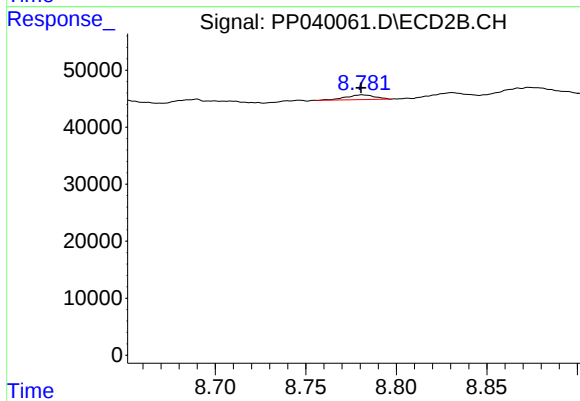
#43 AR-1268-3

R.T.: 8.513 min
Delta R.T.: 0.022 min
Response: 12408
Conc: 5.67 ng/ml



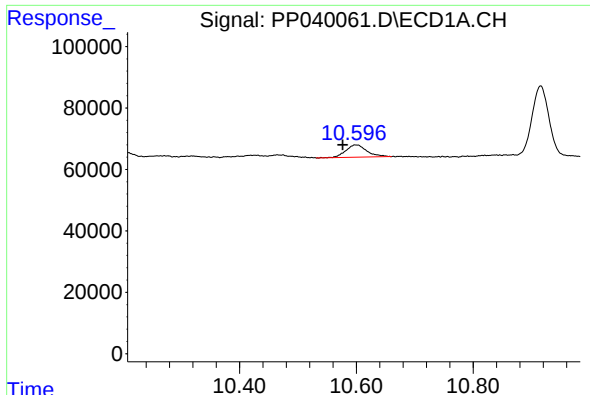
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 10.163 min
Response: 0
Conc: N.D.



#44 AR-1268-4

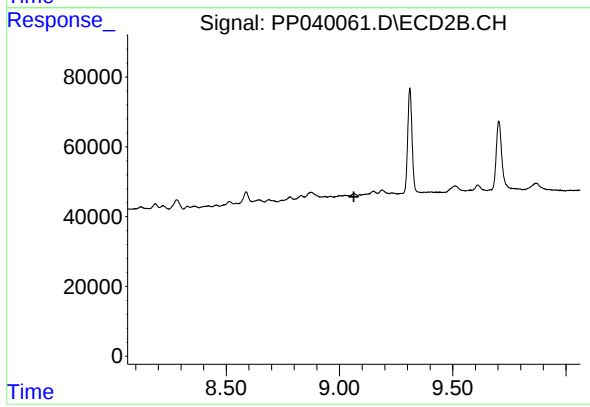
R.T.: 8.781 min
Delta R.T.: 0.000 min
Response: 9211
Conc: 9.29 ng/ml



#45 AR-1268-5

R.T.: 10.598 min
Delta R.T.: 0.021 min
Response: 100000
Conc: 11.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.064 min
Response: 0
Conc: N.D.