

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101521\
 Data File : PP040082.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 15 Oct 2021 10:57
 Operator : AJ\MA
 Sample : M4165-02RE 10X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 01:43:34 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...	0.000	3.981	0	33777	N.D.	1.998 #
2)	SA Decachlor...	0.000	9.306	0	87389	N.D.	4.118 #
Target Compounds							
3)	L1 AR-1016-1	6.239f	5.219f	107916	15582	109.292	23.877 #
4)	L1 AR-1016-2	6.239	0.000	107916	0	75.519	N.D. #
5)	L1 AR-1016-3	6.317	0.000	264162	0	303.122	N.D. #
6)	L1 AR-1016-4	6.411	5.511	146078	64142	205.298	156.654
7)	L1 AR-1016-5	0.000	5.741	0	11391	N.D.	22.752 #
8)	L2 AR-1221-1	0.000	4.265f	0	13110	N.D.	64.060 #
9)	L2 AR-1221-2	5.256	4.359f	294864	66405	1323.484	394.783 #
10)	L2 AR-1221-3	5.338	4.430	199441	122855	247.390	226.862
11)	L3 AR-1232-1	5.338	4.430	199441	122855	320.518	302.480
12)	L3 AR-1232-2	5.933	0.000	149313	0	435.037	N.D. #
13)	L3 AR-1232-3	6.239	0.000	107916	0	170.729	N.D. #
14)	L3 AR-1232-4	6.411	5.562	146078	21144	465.761	111.750 #
15)	L3 AR-1232-5	6.509	5.741	148803	11391	634.579	55.172 #
16)	L4 AR-1242-1	6.239f	5.219f	107916	15582	137.441	31.316 #
17)	L4 AR-1242-2	6.239	0.000	107916	0	95.139	N.D. #
18)	L4 AR-1242-3	6.317	0.000	264162	0	380.083	N.D. #
19)	L4 AR-1242-4	6.411	5.562	146078	21144	253.522	57.081 #
20)	L4 AR-1242-5	7.207	6.113	183131	546465	350.154	1145.714 #
21)	L5 AR-1248-1	6.239f	5.219f	107916	15582	174.933	39.967 #
22)	L5 AR-1248-2	6.509	5.511	148803	64142	185.884	119.335 #
23)	L5 AR-1248-3	0.000	5.562	0	21144	N.D.	37.404 #
24)	L5 AR-1248-4	7.158	5.741	119863	11391	130.252	17.824 #
25)	L5 AR-1248-5	7.207	6.162	183131	41198	207.021	66.039 #
26)	L6 AR-1254-1	7.128	6.113	185536	546465	199.975	570.406 #
27)	L6 AR-1254-2	7.358	6.281	249537	126379	180.253	143.189
28)	L6 AR-1254-3	7.741	6.705	252112	161791	176.963	118.670 #
29)	L6 AR-1254-4	8.038	6.944	108859	129508	102.874	150.990 #
30)	L6 AR-1254-5	8.468	7.375	92170	150962	78.856	116.952 #
31)	L7 AR-1260-1	7.909	6.859	113179	713457	103.606	712.289 #
32)	L7 AR-1260-2	8.172	7.040	198635	100758	145.332	85.092 #
33)	L7 AR-1260-3	8.562f	7.196	1008174	78962	1106.365	66.832 #
34)	L7 AR-1260-4	8.787f	7.679	111722	142111	105.847	161.689 #
35)	L7 AR-1260-5	0.000	7.931	0	789231	N.D.	386.177 #
36)	L8 AR-1262-1	8.562f	7.375	1008174	150962	739.314	214.901 #
37)	L8 AR-1262-2	0.000	7.931	0	789231	N.D.	350.704 #
38)	L8 AR-1262-3	0.000	8.218	0	65761	N.D.	67.524 #
39)	L8 AR-1262-4	9.501	8.257f	103809	1259651	127.048	710.539 #
41)	L9 AR-1268-1	0.000	8.218	0	65761	N.D.	24.371 #
42)	L9 AR-1268-2	9.501	8.257f	103809	1259651	36.768	503.111 #

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Volume Inj. : 2 µl
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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	9.736	8.490	67201	5533	27.354	2.527 #
45) L9	AR-1268-5	10.601f	9.064	2549267	148055	296.386	20.768 #

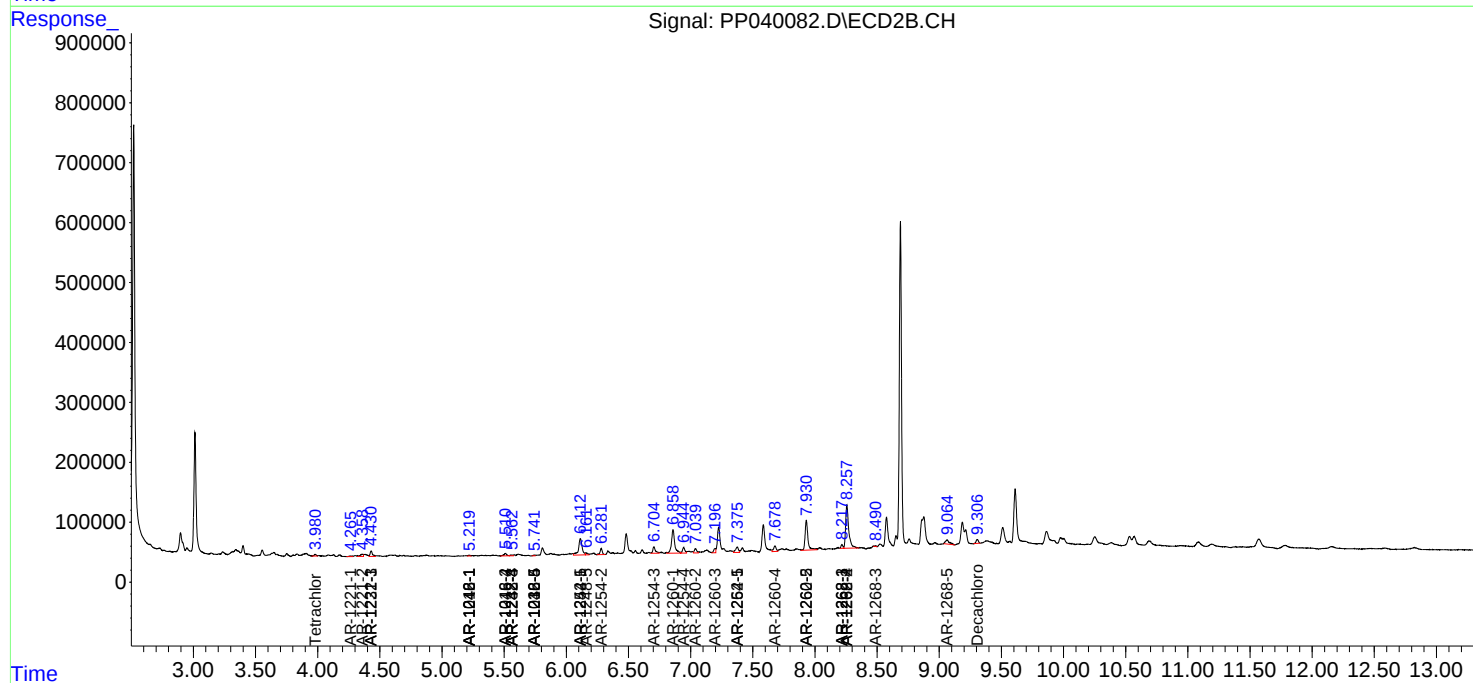
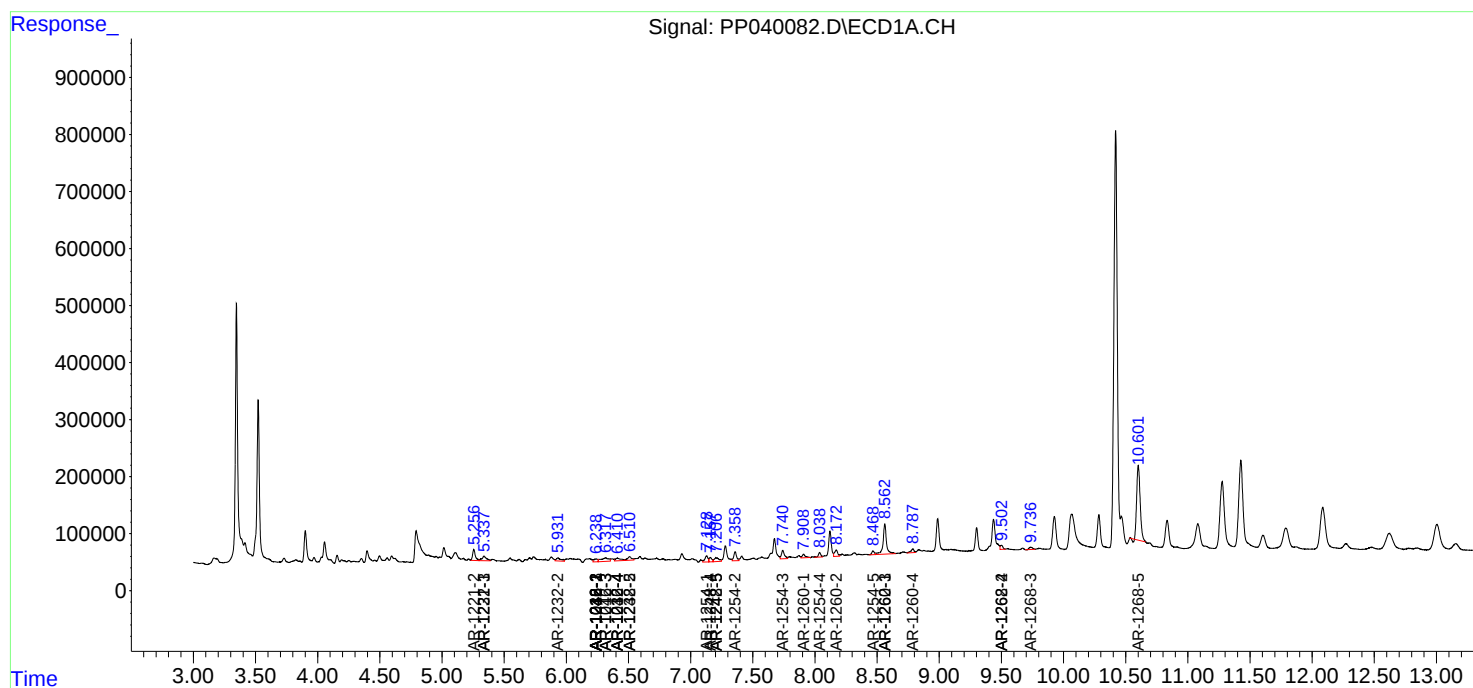
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

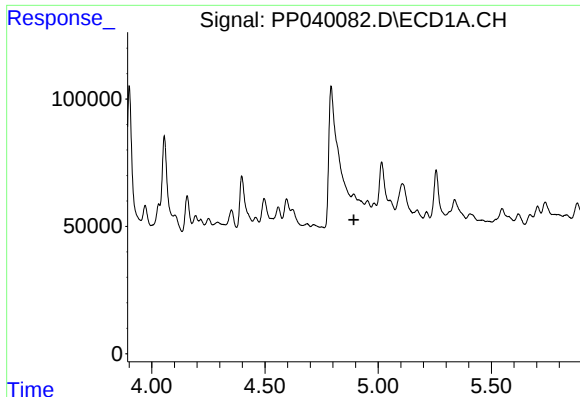
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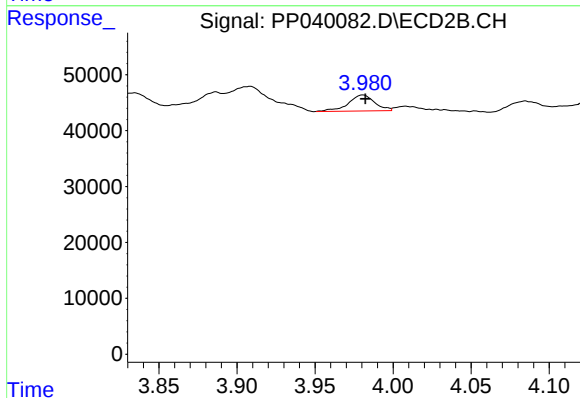




#1 Tetrachloro-m-xylene

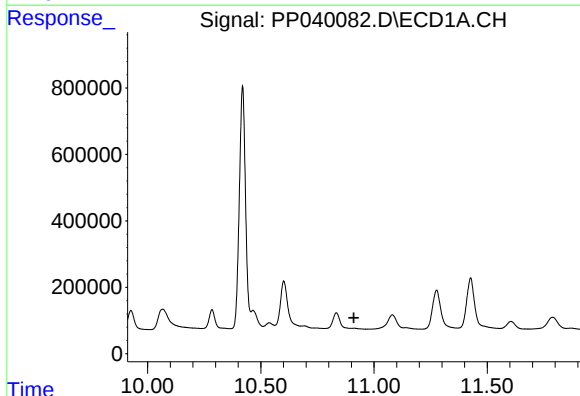
R.T.: 0.000 min
Exp R.T. : 4.893 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



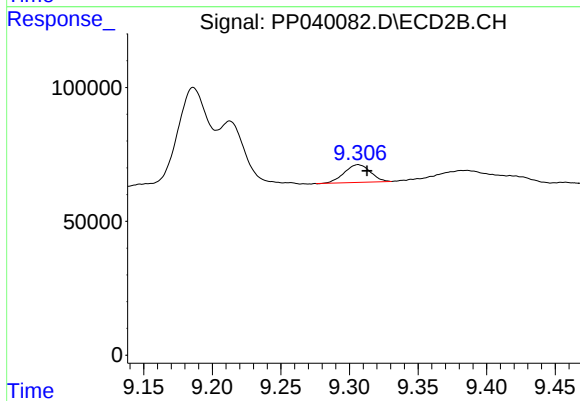
#1 Tetrachloro-m-xylene

R.T.: 3.981 min
Delta R.T.: -0.002 min
Response: 33777
Conc: 2.00 ng/ml



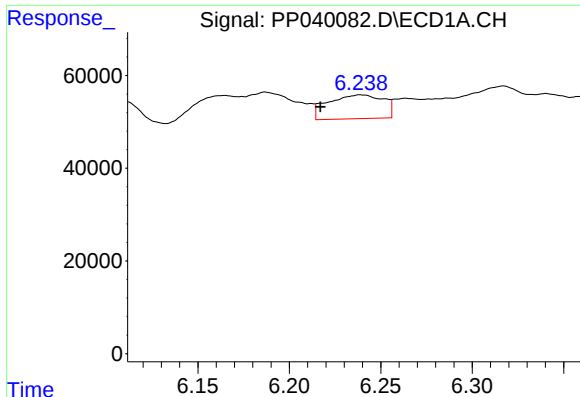
#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 10.911 min
Response: 0
Conc: N.D.



#2 Decachlorobiphenyl

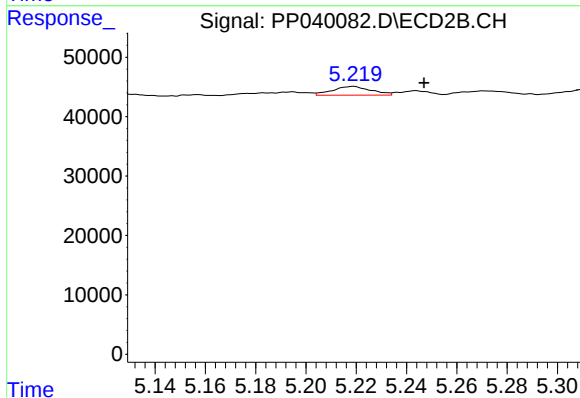
R.T.: 9.306 min
Delta R.T.: -0.006 min
Response: 87389
Conc: 4.12 ng/ml



#3 AR-1016-1

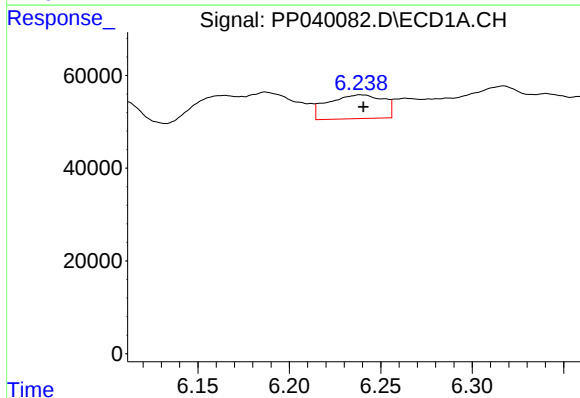
R.T.: 6.239 min
Delta R.T.: 0.022 min
Response: 107916
Conc: 109.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



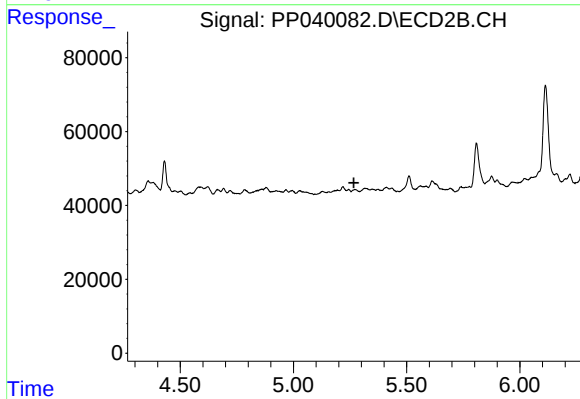
#3 AR-1016-1

R.T.: 5.219 min
Delta R.T.: -0.028 min
Response: 15582
Conc: 23.88 ng/ml



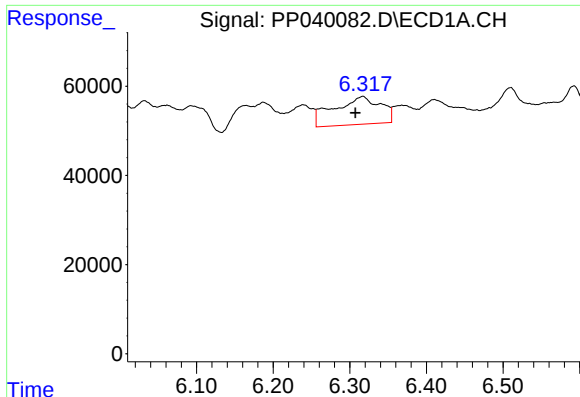
#4 AR-1016-2

R.T.: 6.239 min
Delta R.T.: -0.001 min
Response: 107916
Conc: 75.52 ng/ml



#4 AR-1016-2

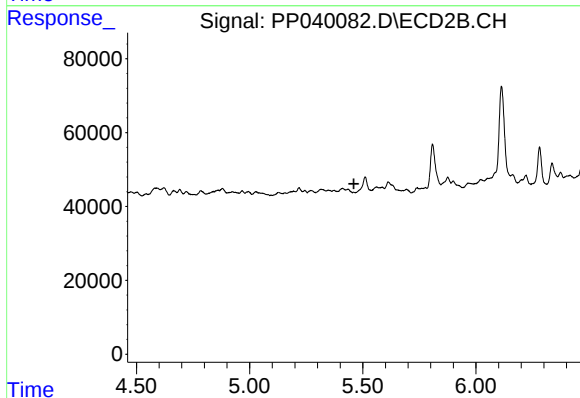
R.T.: 0.000 min
Exp R.T.: 5.267 min
Response: 0
Conc: N.D.



#5 AR-1016-3

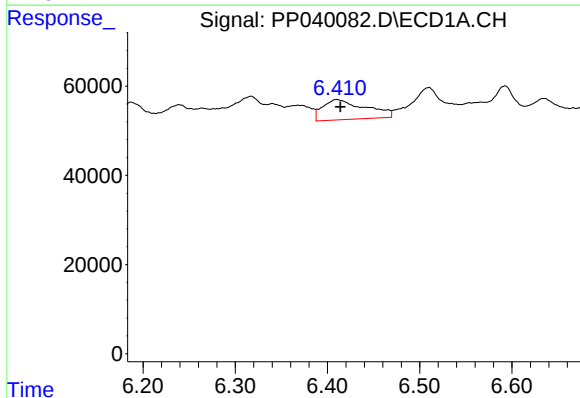
R.T.: 6.317 min
Delta R.T.: 0.009 min
Response: 264162
Conc: 303.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



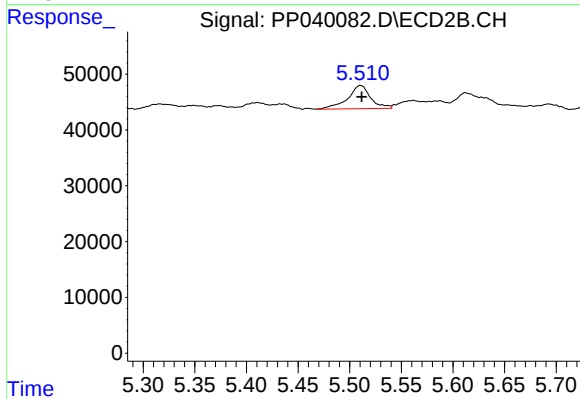
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.461 min
Response: 0
Conc: N.D.



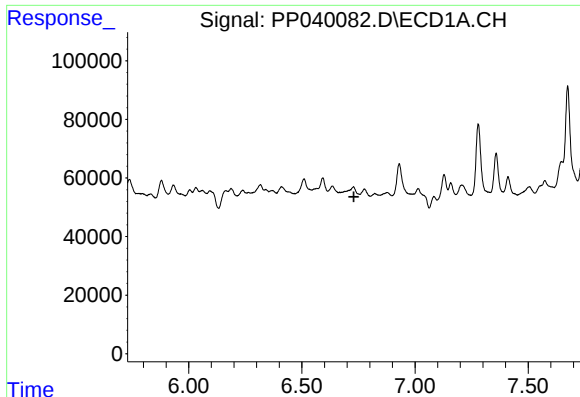
#6 AR-1016-4

R.T.: 6.411 min
Delta R.T.: -0.004 min
Response: 146078
Conc: 205.30 ng/ml



#6 AR-1016-4

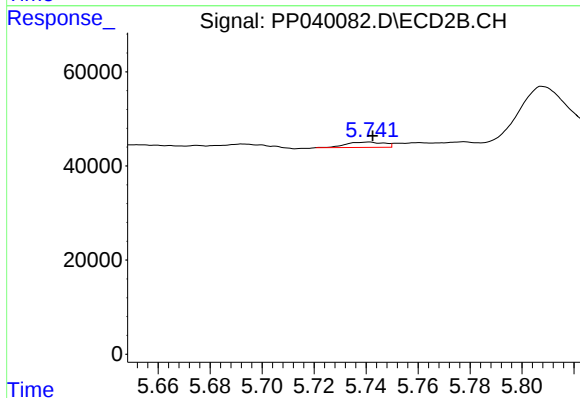
R.T.: 5.511 min
Delta R.T.: -0.001 min
Response: 64142
Conc: 156.65 ng/ml



#7 AR-1016-5

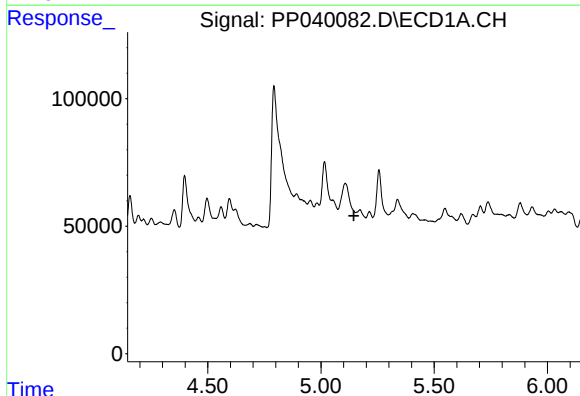
R.T.: 0.000 min
Exp R.T.: 6.730 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



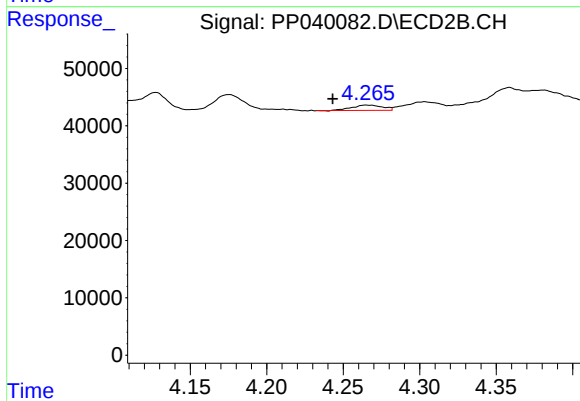
#7 AR-1016-5

R.T.: 5.741 min
Delta R.T.: -0.001 min
Response: 11391
Conc: 22.75 ng/ml



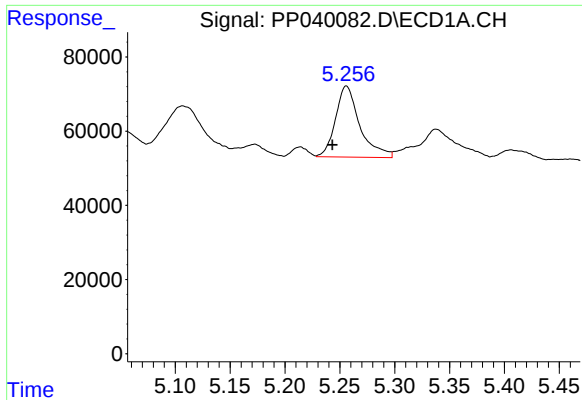
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 5.145 min
Response: 0
Conc: N.D.



#8 AR-1221-1

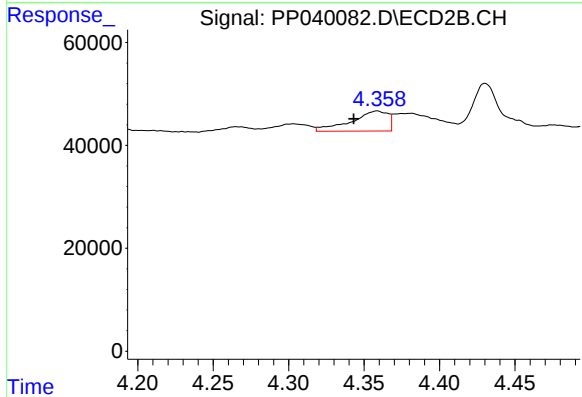
R.T.: 4.265 min
Delta R.T.: 0.022 min
Response: 13110
Conc: 64.06 ng/ml



#9 AR-1221-2

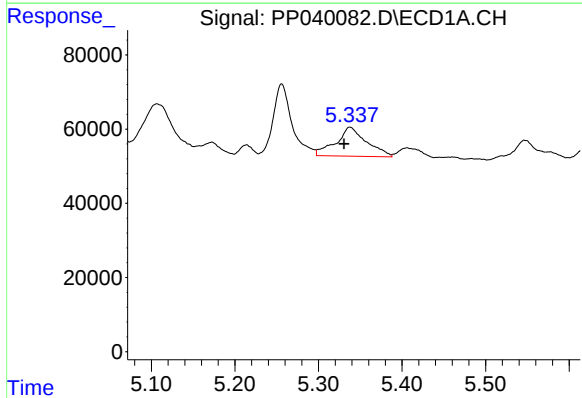
R.T.: 5.256 min
Delta R.T.: 0.013 min
Response: 294864
Conc: 1323.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



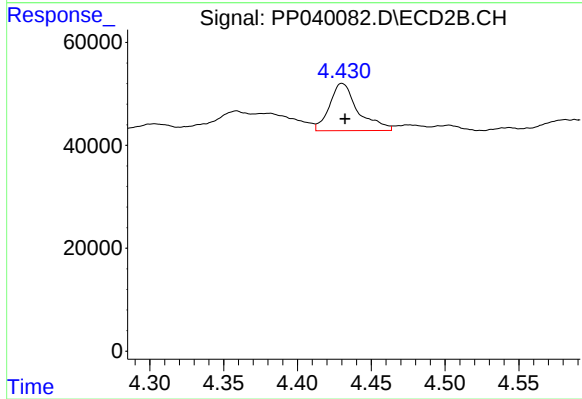
#9 AR-1221-2

R.T.: 4.359 min
Delta R.T.: 0.016 min
Response: 66405
Conc: 394.78 ng/ml



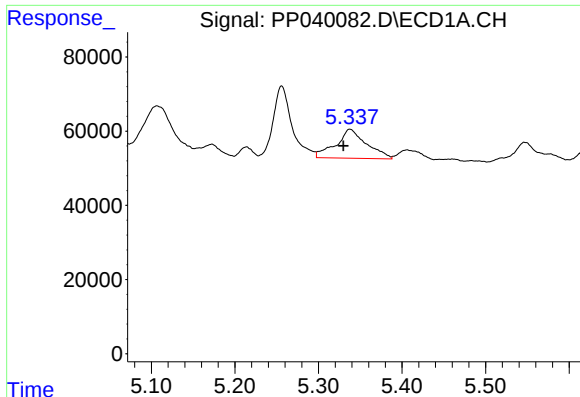
#10 AR-1221-3

R.T.: 5.338 min
Delta R.T.: 0.008 min
Response: 199441
Conc: 247.39 ng/ml



#10 AR-1221-3

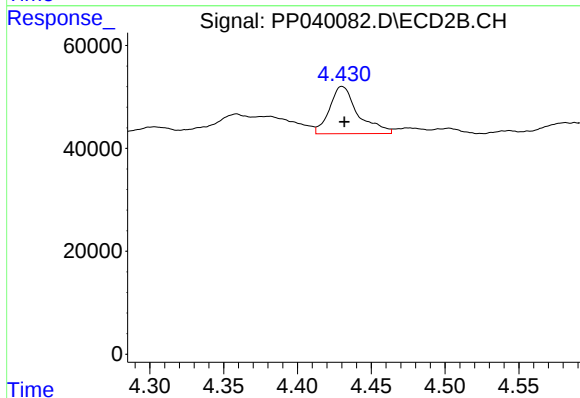
R.T.: 4.430 min
Delta R.T.: -0.002 min
Response: 122855
Conc: 226.86 ng/ml



#11 AR-1232-1

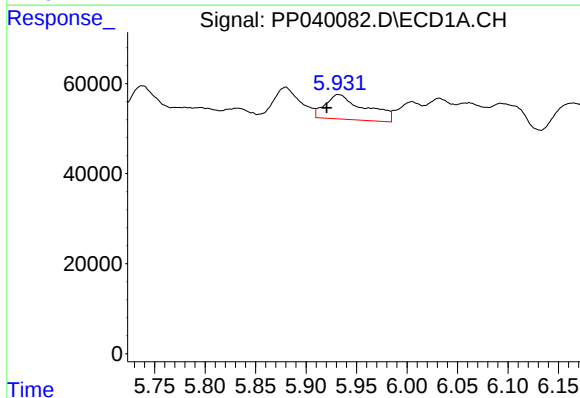
R.T.: 5.338 min
Delta R.T.: 0.008 min
Response: 199441
Conc: 320.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



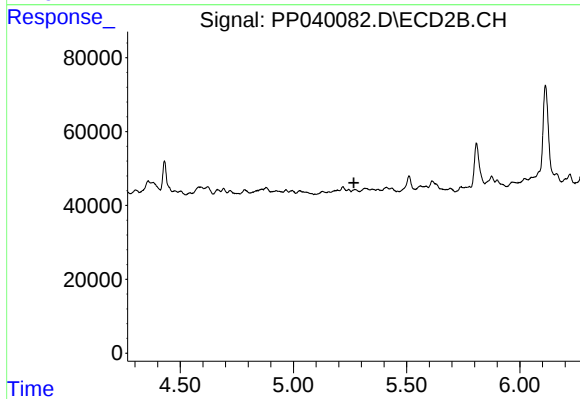
#11 AR-1232-1

R.T.: 4.430 min
Delta R.T.: -0.002 min
Response: 122855
Conc: 302.48 ng/ml



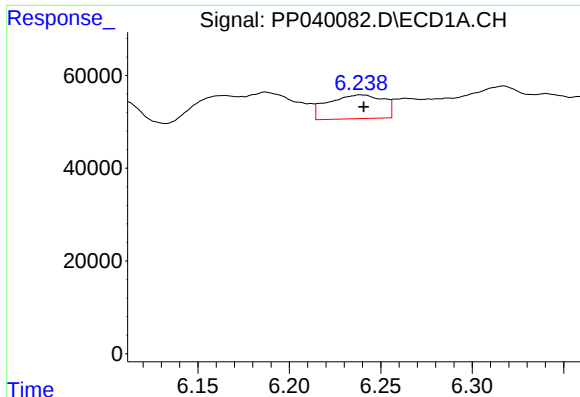
#12 AR-1232-2

R.T.: 5.933 min
Delta R.T.: 0.012 min
Response: 149313
Conc: 435.04 ng/ml



#12 AR-1232-2

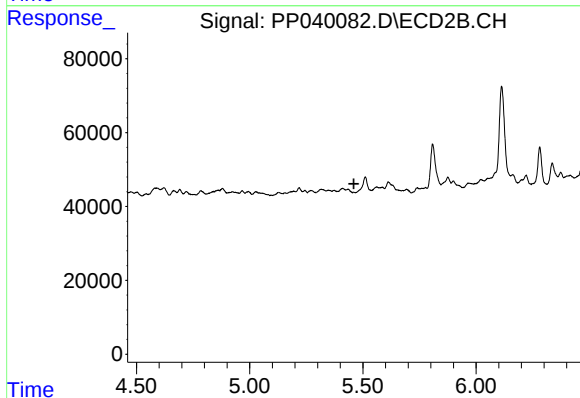
R.T.: 0.000 min
Exp R.T.: 5.267 min
Response: 0
Conc: N.D.



#13 AR-1232-3

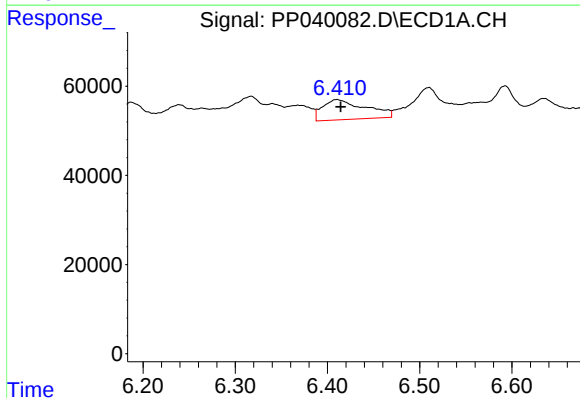
R.T.: 6.239 min
Delta R.T.: -0.002 min
Response: 107916
Conc: 170.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



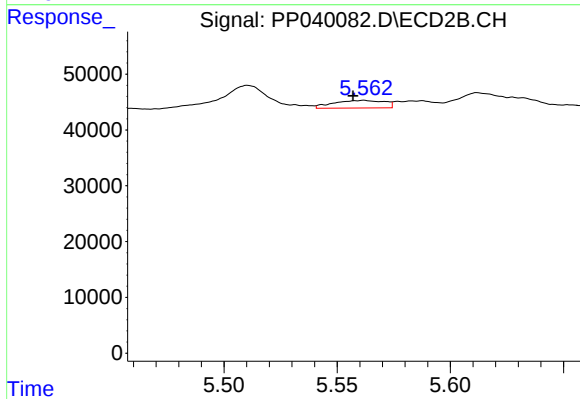
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.460 min
Response: 0
Conc: N.D.



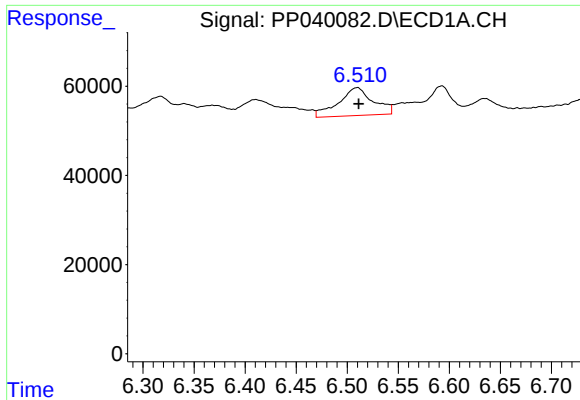
#14 AR-1232-4

R.T.: 6.411 min
Delta R.T.: -0.004 min
Response: 146078
Conc: 465.76 ng/ml



#14 AR-1232-4

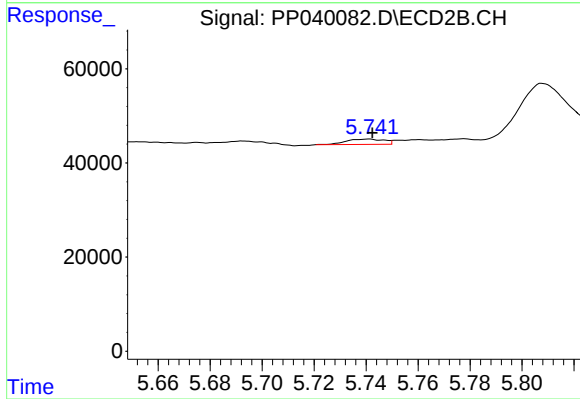
R.T.: 5.562 min
Delta R.T.: 0.005 min
Response: 21144
Conc: 111.75 ng/ml



#15 AR-1232-5

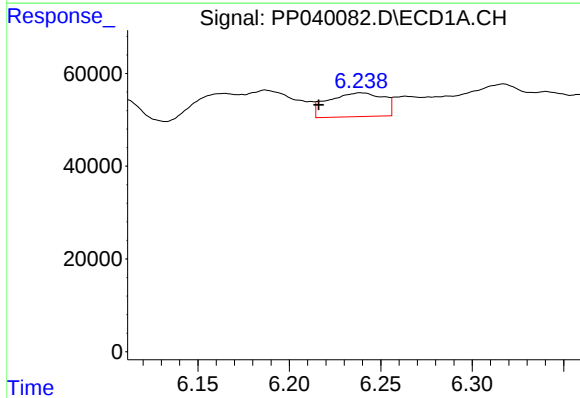
R.T.: 6.509 min
Delta R.T.: -0.002 min
Response: 148803
Conc: 634.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



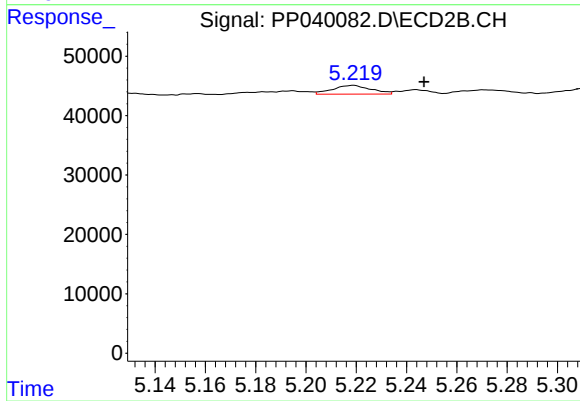
#15 AR-1232-5

R.T.: 5.741 min
Delta R.T.: -0.001 min
Response: 11391
Conc: 55.17 ng/ml



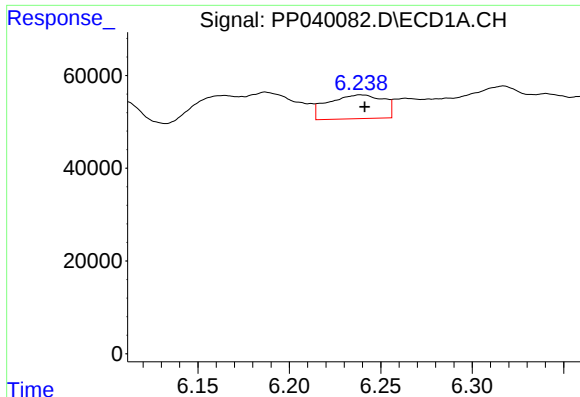
#16 AR-1242-1

R.T.: 6.239 min
Delta R.T.: 0.023 min
Response: 107916
Conc: 137.44 ng/ml



#16 AR-1242-1

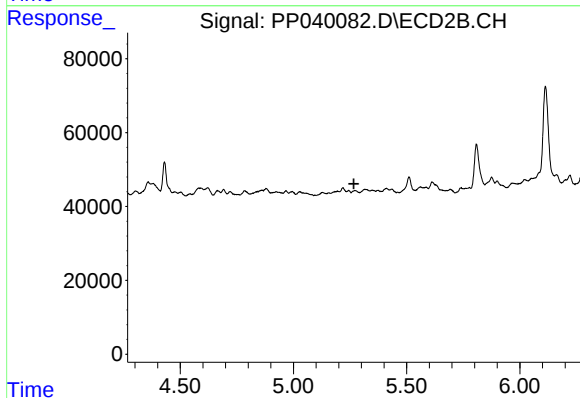
R.T.: 5.219 min
Delta R.T.: -0.028 min
Response: 15582
Conc: 31.32 ng/ml



#17 AR-1242-2

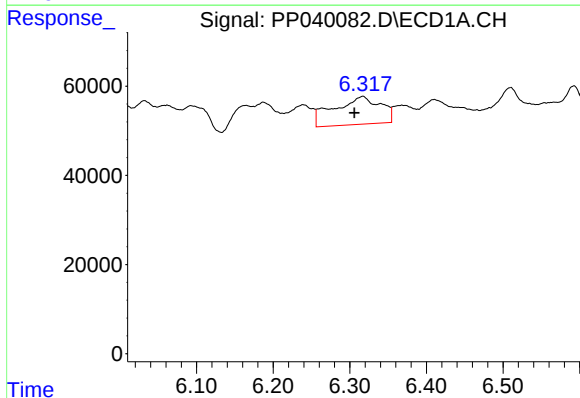
R.T.: 6.239 min
Delta R.T.: -0.002 min
Response: 107916
Conc: 95.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



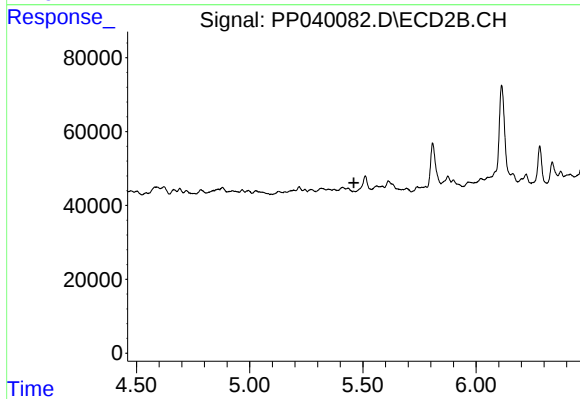
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.267 min
Response: 0
Conc: N.D.



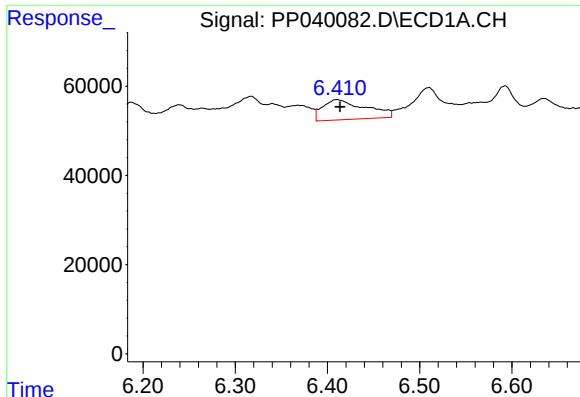
#18 AR-1242-3

R.T.: 6.317 min
Delta R.T.: 0.010 min
Response: 264162
Conc: 380.08 ng/ml



#18 AR-1242-3

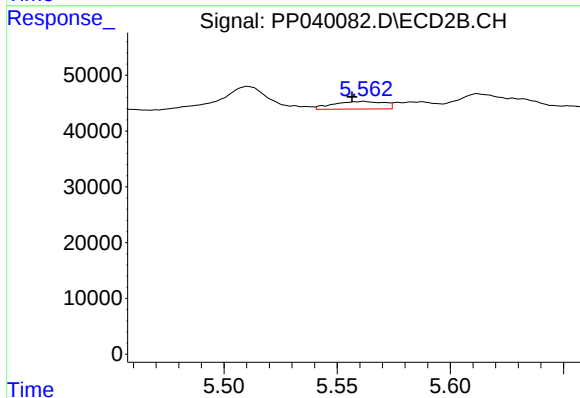
R.T.: 0.000 min
Exp R.T. : 5.460 min
Response: 0
Conc: N.D.



#19 AR-1242-4

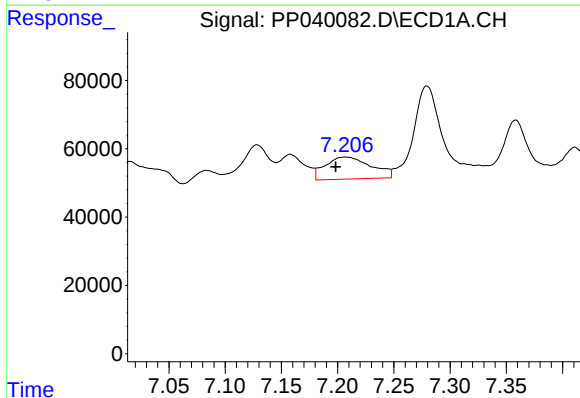
R.T.: 6.411 min
Delta R.T.: -0.003 min
Response: 146078
Conc: 253.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



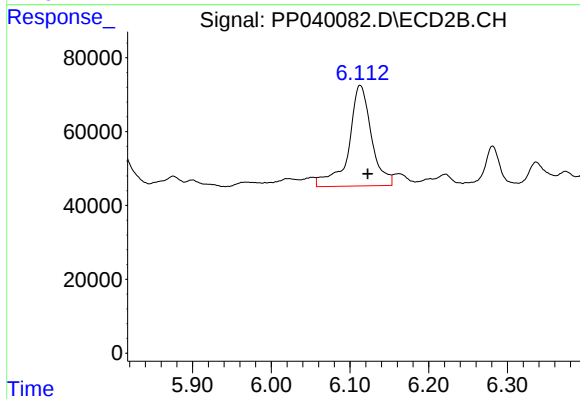
#19 AR-1242-4

R.T.: 5.562 min
Delta R.T.: 0.005 min
Response: 21144
Conc: 57.08 ng/ml



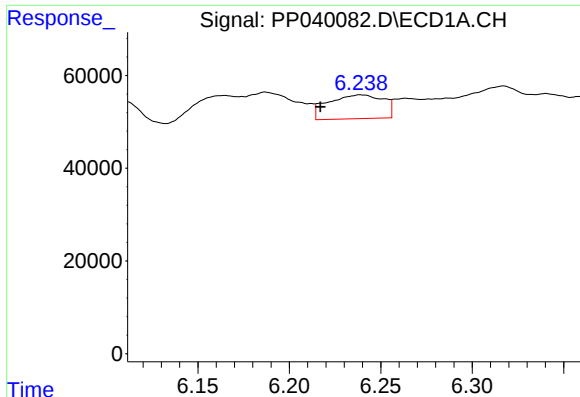
#20 AR-1242-5

R.T.: 7.207 min
Delta R.T.: 0.009 min
Response: 183131
Conc: 350.15 ng/ml



#20 AR-1242-5

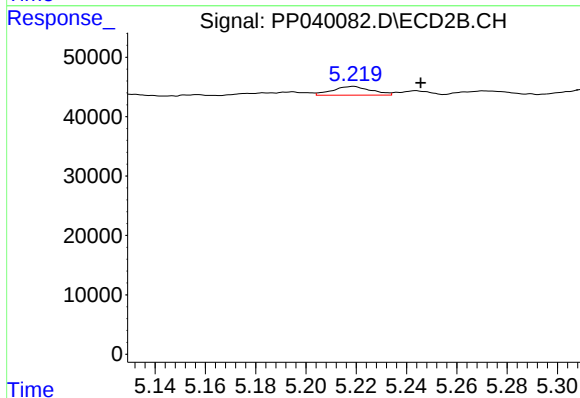
R.T.: 6.113 min
Delta R.T.: -0.010 min
Response: 546465
Conc: 1145.71 ng/ml



#21 AR-1248-1

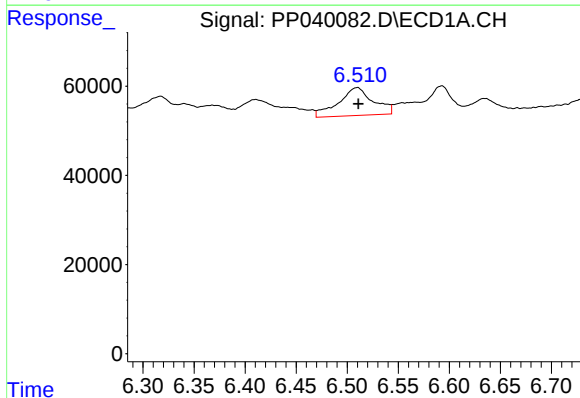
R.T.: 6.239 min
Delta R.T.: 0.022 min
Response: 107916
Conc: 174.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



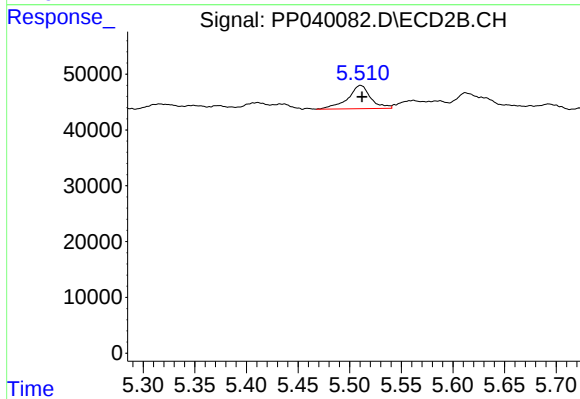
#21 AR-1248-1

R.T.: 5.219 min
Delta R.T.: -0.027 min
Response: 15582
Conc: 39.97 ng/ml



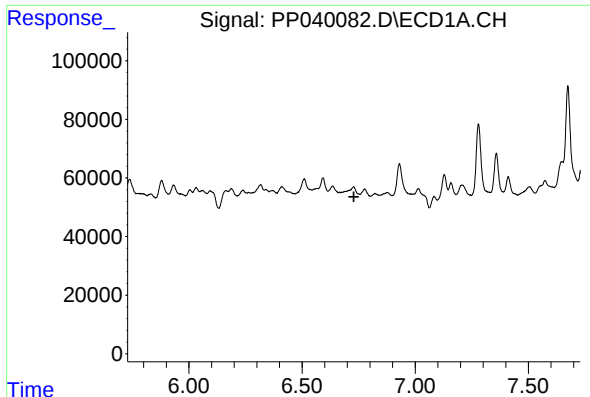
#22 AR-1248-2

R.T.: 6.509 min
Delta R.T.: -0.002 min
Response: 148803
Conc: 185.88 ng/ml



#22 AR-1248-2

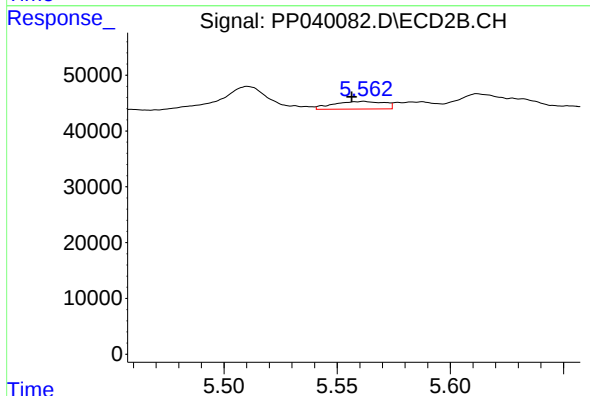
R.T.: 5.511 min
Delta R.T.: -0.001 min
Response: 64142
Conc: 119.33 ng/ml



#23 AR-1248-3

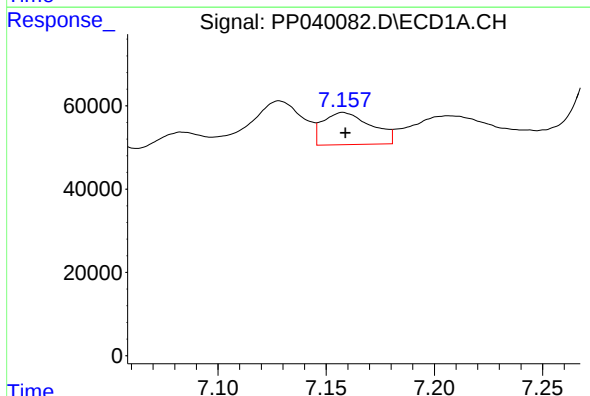
R.T.: 0.000 min
Exp R.T.: 6.729 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



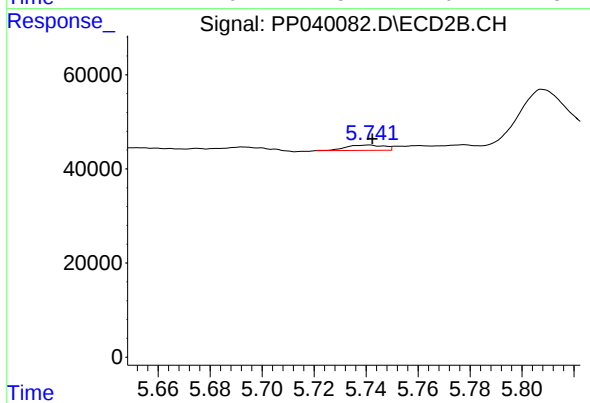
#23 AR-1248-3

R.T.: 5.562 min
Delta R.T.: 0.006 min
Response: 21144
Conc: 37.40 ng/ml



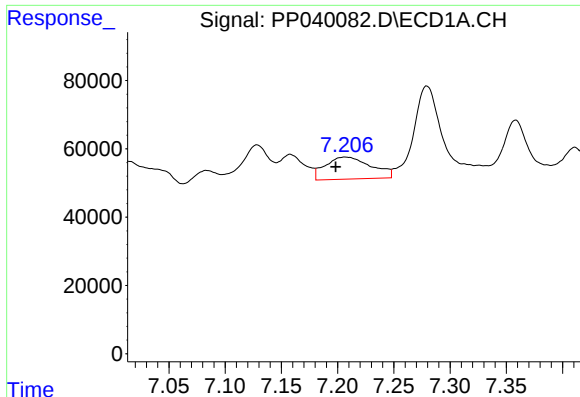
#24 AR-1248-4

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 119863
Conc: 130.25 ng/ml



#24 AR-1248-4

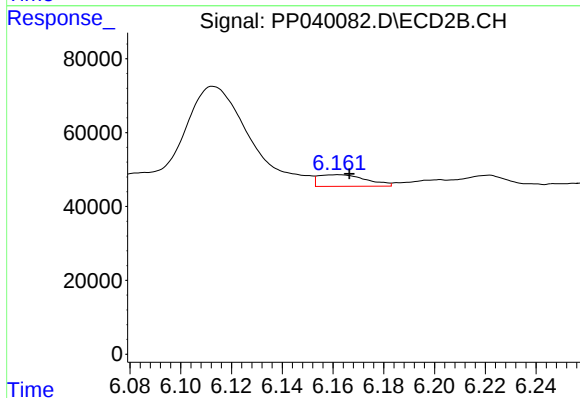
R.T.: 5.741 min
Delta R.T.: 0.000 min
Response: 11391
Conc: 17.82 ng/ml



#25 AR-1248-5

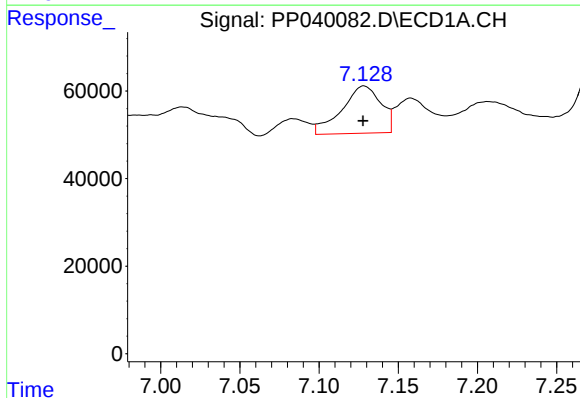
R.T.: 7.207 min
Delta R.T.: 0.009 min
Response: 183131
Conc: 207.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



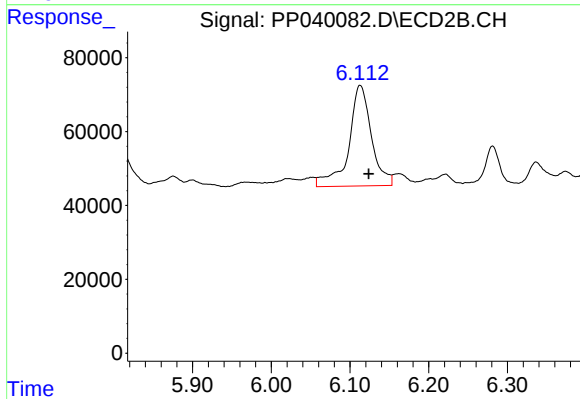
#25 AR-1248-5

R.T.: 6.162 min
Delta R.T.: -0.005 min
Response: 41198
Conc: 66.04 ng/ml



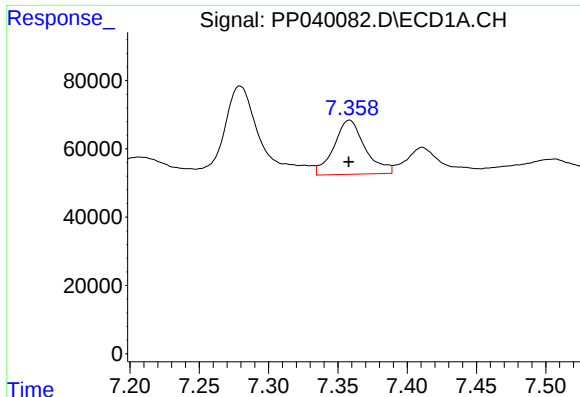
#26 AR-1254-1

R.T.: 7.128 min
Delta R.T.: 0.000 min
Response: 185536
Conc: 199.98 ng/ml



#26 AR-1254-1

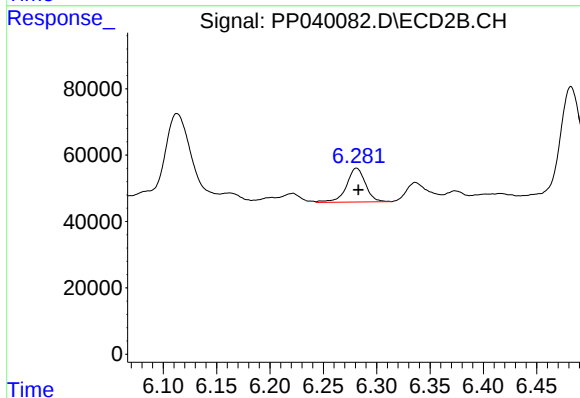
R.T.: 6.113 min
Delta R.T.: -0.011 min
Response: 546465
Conc: 570.41 ng/ml



#27 AR-1254-2

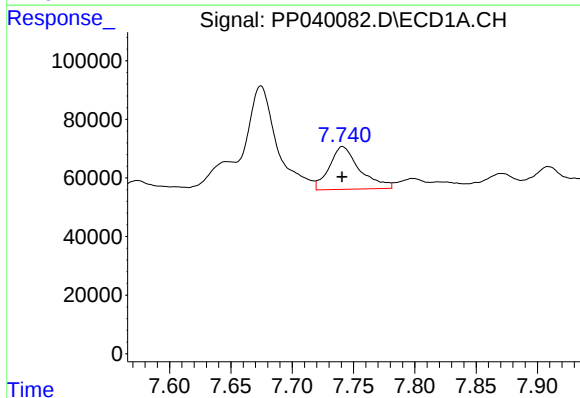
R.T.: 7.358 min
Delta R.T.: 0.000 min
Response: 249537
Conc: 180.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



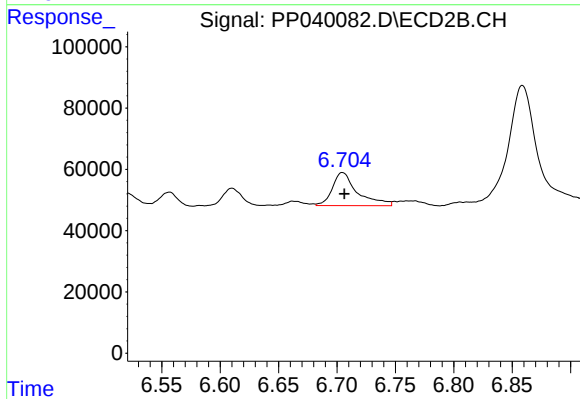
#27 AR-1254-2

R.T.: 6.281 min
Delta R.T.: -0.002 min
Response: 126379
Conc: 143.19 ng/ml



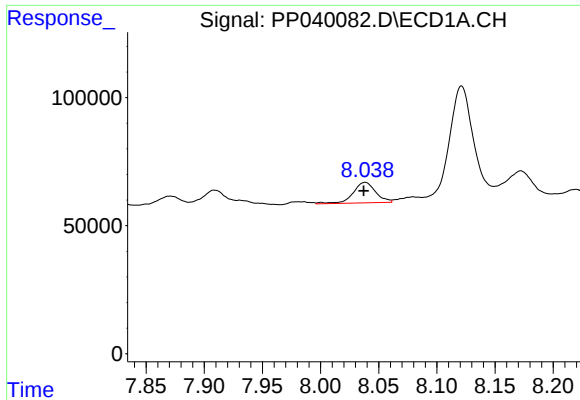
#28 AR-1254-3

R.T.: 7.741 min
Delta R.T.: 0.000 min
Response: 252112
Conc: 176.96 ng/ml



#28 AR-1254-3

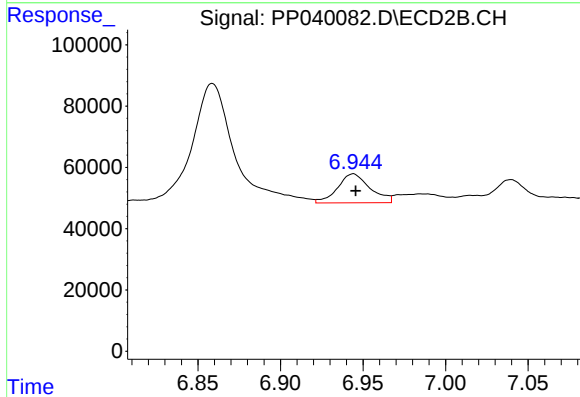
R.T.: 6.705 min
Delta R.T.: -0.002 min
Response: 161791
Conc: 118.67 ng/ml



#29 AR-1254-4

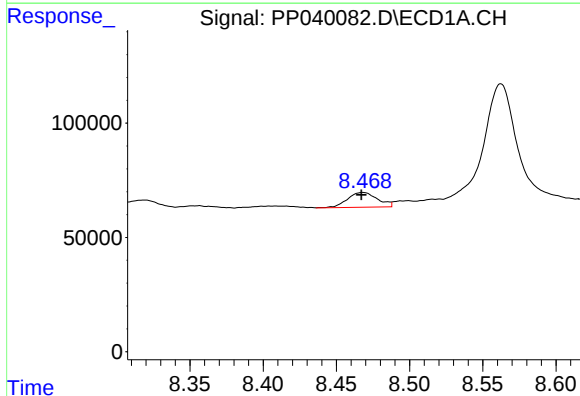
R.T.: 8.038 min
Delta R.T.: 0.000 min
Response: 108859
Conc: 102.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



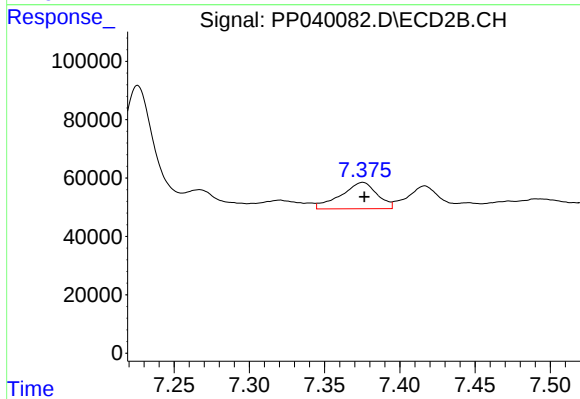
#29 AR-1254-4

R.T.: 6.944 min
Delta R.T.: -0.001 min
Response: 129508
Conc: 150.99 ng/ml



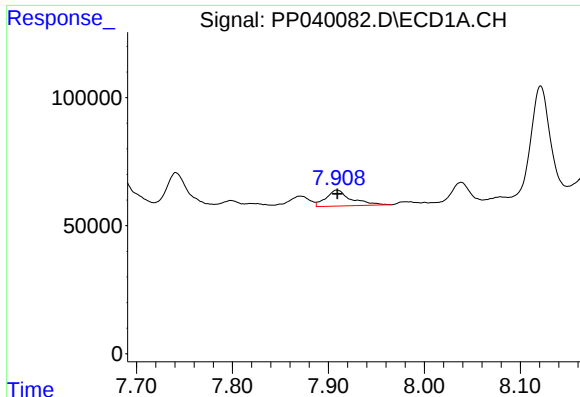
#30 AR-1254-5

R.T.: 8.468 min
Delta R.T.: 0.000 min
Response: 92170
Conc: 78.86 ng/ml



#30 AR-1254-5

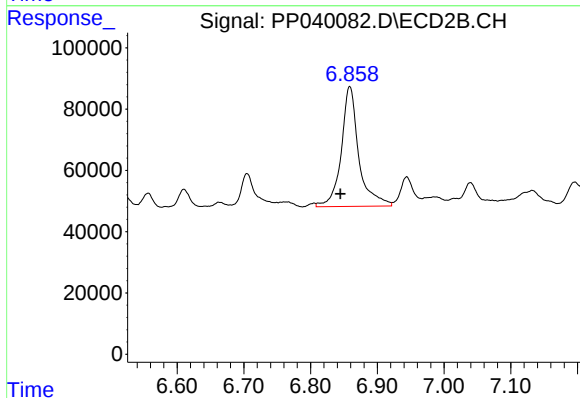
R.T.: 7.375 min
Delta R.T.: -0.001 min
Response: 150962
Conc: 116.95 ng/ml



#31 AR-1260-1

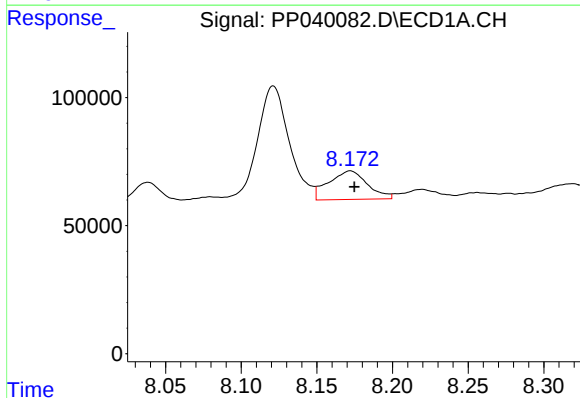
R.T.: 7.909 min
Delta R.T.: 0.000 min
Response: 113179
Conc: 103.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



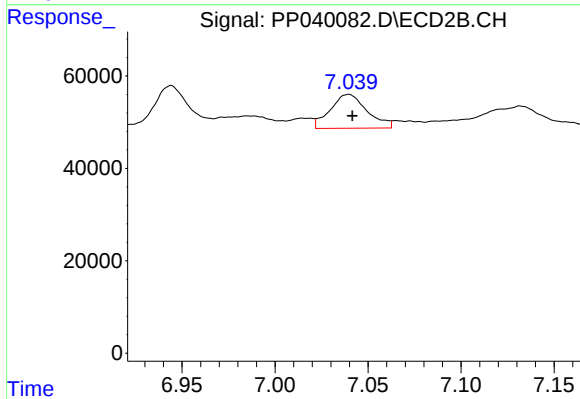
#31 AR-1260-1

R.T.: 6.859 min
Delta R.T.: 0.014 min
Response: 713457
Conc: 712.29 ng/ml



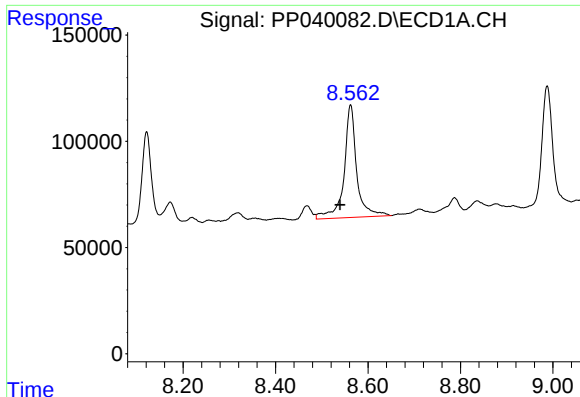
#32 AR-1260-2

R.T.: 8.172 min
Delta R.T.: -0.003 min
Response: 198635
Conc: 145.33 ng/ml



#32 AR-1260-2

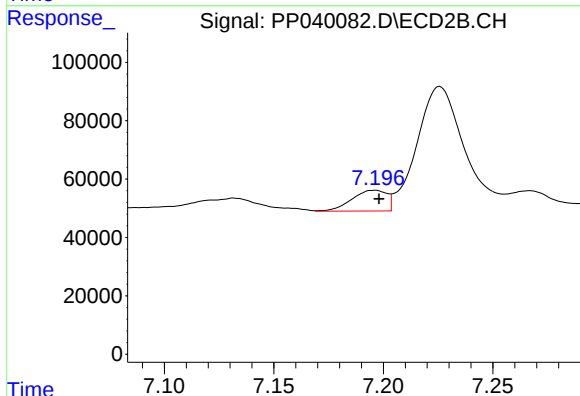
R.T.: 7.040 min
Delta R.T.: -0.002 min
Response: 100758
Conc: 85.09 ng/ml



#33 AR-1260-3

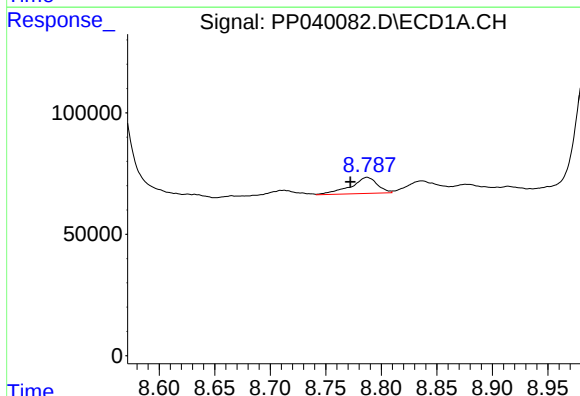
R.T.: 8.562 min
Delta R.T.: 0.023 min
Response: 1008174
Conc: 1106.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



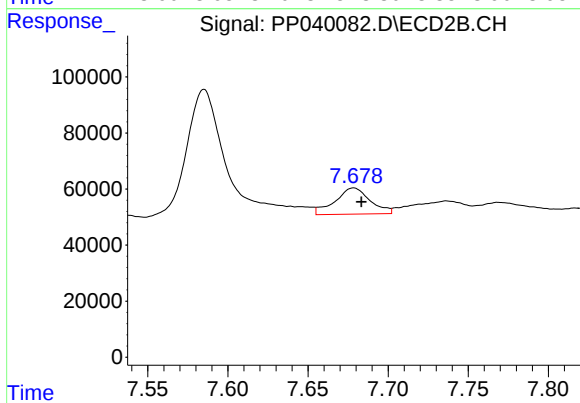
#33 AR-1260-3

R.T.: 7.196 min
Delta R.T.: -0.002 min
Response: 78962
Conc: 66.83 ng/ml



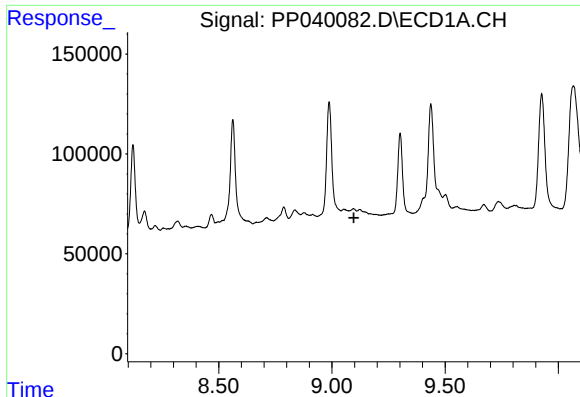
#34 AR-1260-4

R.T.: 8.787 min
Delta R.T.: 0.015 min
Response: 111722
Conc: 105.85 ng/ml



#34 AR-1260-4

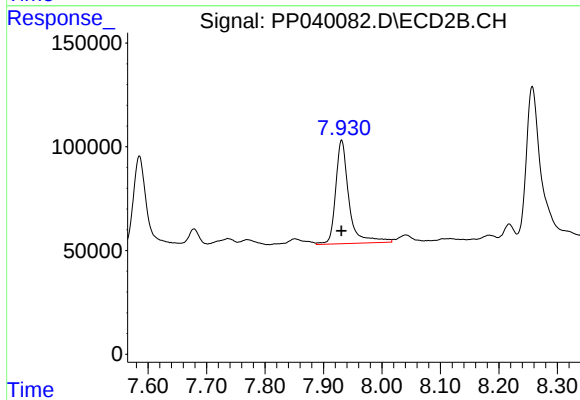
R.T.: 7.679 min
Delta R.T.: -0.005 min
Response: 142111
Conc: 161.69 ng/ml



#35 AR-1260-5

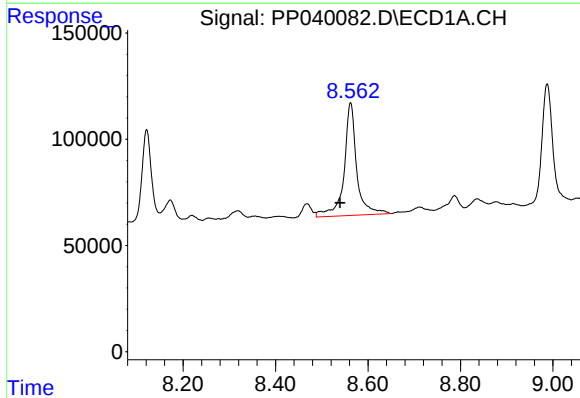
R.T.: 0.000 min
Exp R.T.: 9.097 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



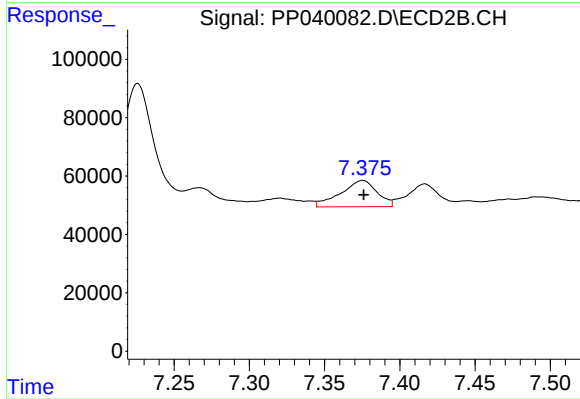
#35 AR-1260-5

R.T.: 7.931 min
Delta R.T.: 0.000 min
Response: 789231
Conc: 386.18 ng/ml



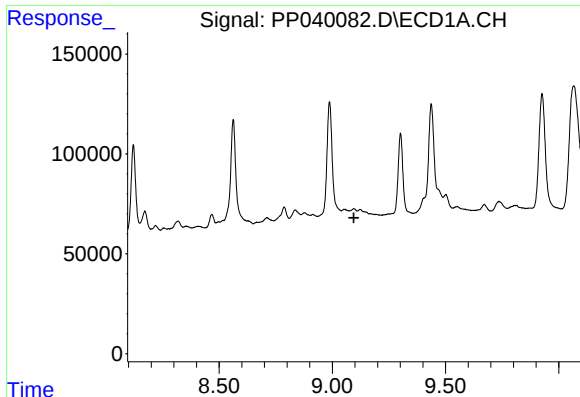
#36 AR-1262-1

R.T.: 8.562 min
Delta R.T.: 0.023 min
Response: 1008174
Conc: 739.31 ng/ml



#36 AR-1262-1

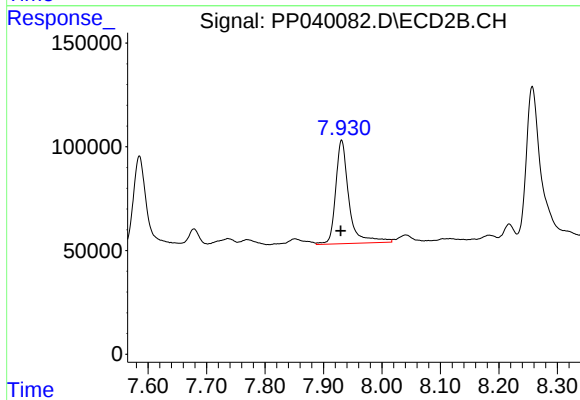
R.T.: 7.375 min
Delta R.T.: 0.000 min
Response: 150962
Conc: 214.90 ng/ml



#37 AR-1262-2

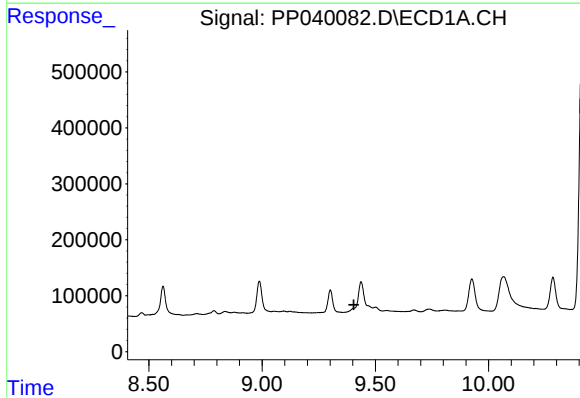
R.T.: 0.000 min
Exp R.T.: 9.096 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



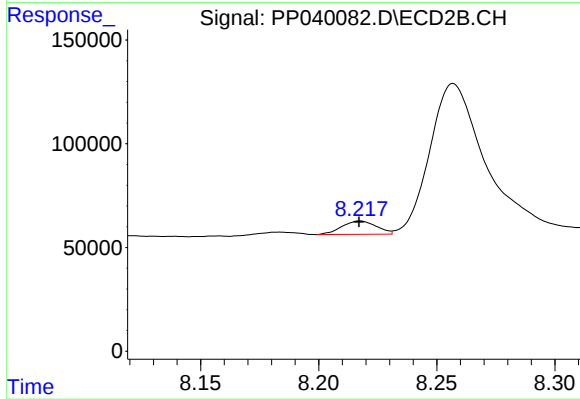
#37 AR-1262-2

R.T.: 7.931 min
Delta R.T.: 0.002 min
Response: 789231
Conc: 350.70 ng/ml



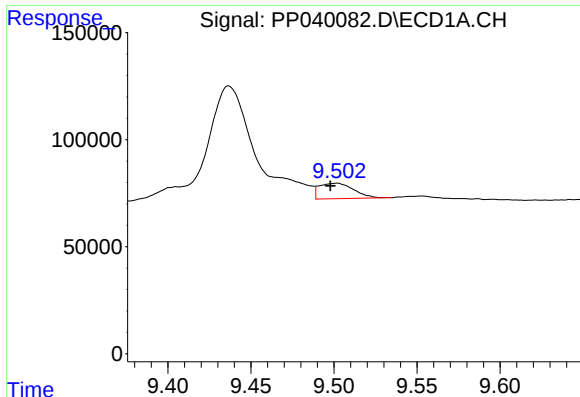
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 9.405 min
Response: 0
Conc: N.D.



#38 AR-1262-3

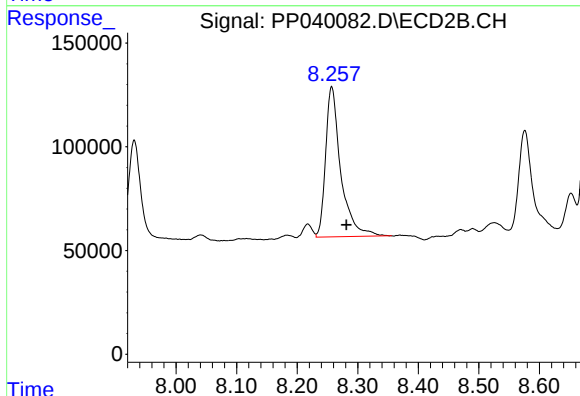
R.T.: 8.218 min
Delta R.T.: 0.000 min
Response: 65761
Conc: 67.52 ng/ml



#39 AR-1262-4

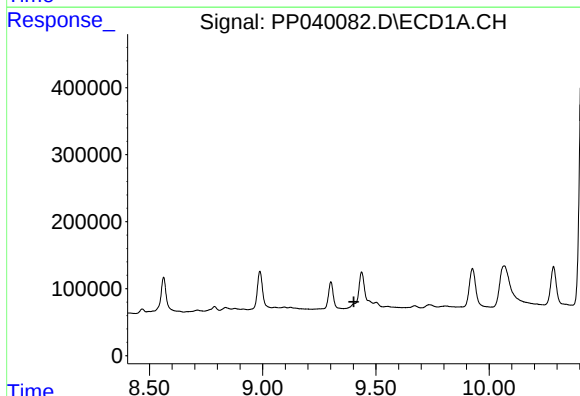
R.T.: 9.501 min
Delta R.T.: 0.003 min
Response: 103809
Conc: 127.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



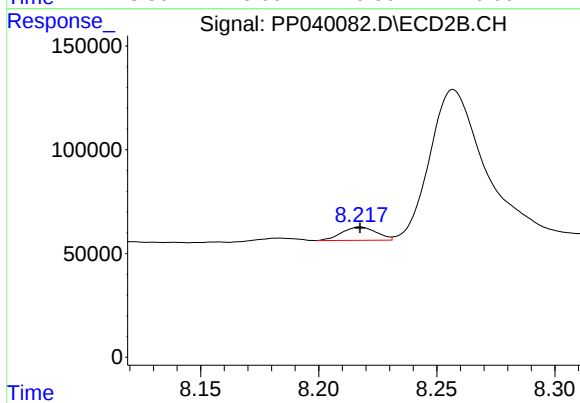
#39 AR-1262-4

R.T.: 8.257 min
Delta R.T.: -0.024 min
Response: 1259651
Conc: 710.54 ng/ml



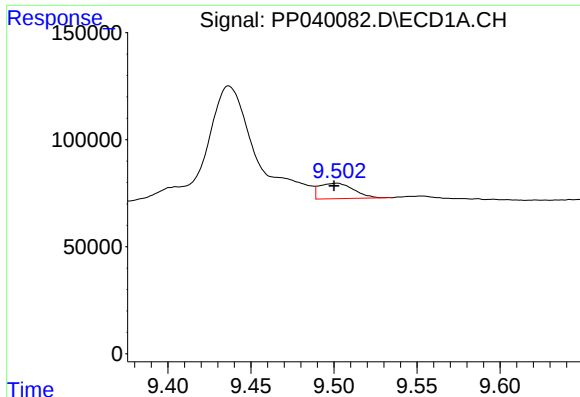
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 9.403 min
Response: 0
Conc: N.D.



#41 AR-1268-1

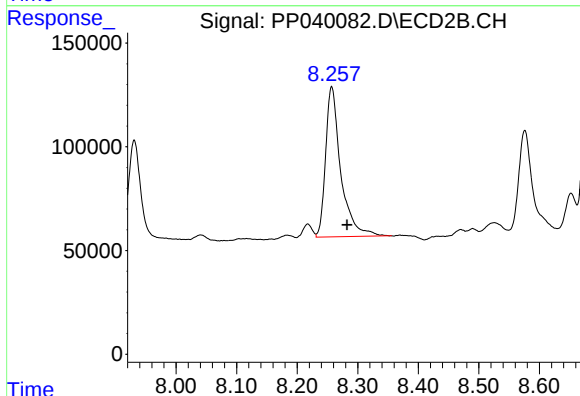
R.T.: 8.218 min
Delta R.T.: 0.000 min
Response: 65761
Conc: 24.37 ng/ml



#42 AR-1268-2

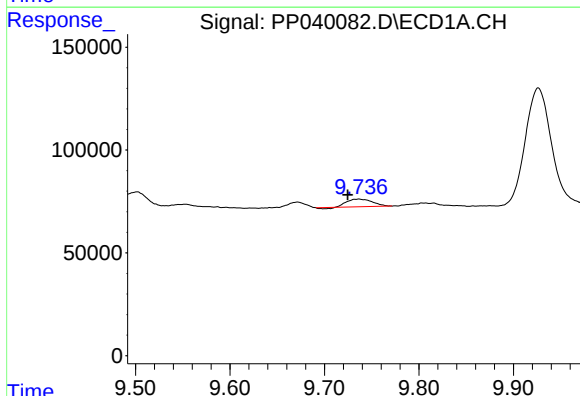
R.T.: 9.501 min
Delta R.T.: 0.000 min
Response: 103809
Conc: 36.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



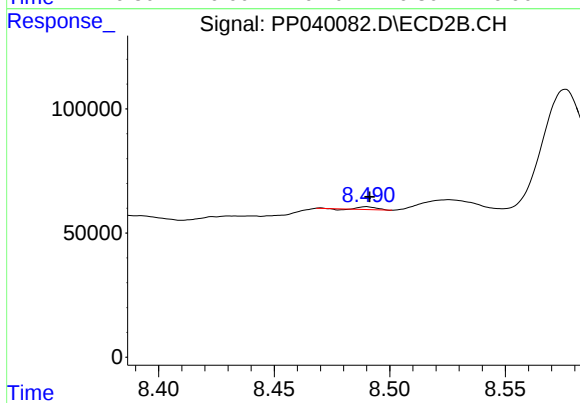
#42 AR-1268-2

R.T.: 8.257 min
Delta R.T.: -0.026 min
Response: 1259651
Conc: 503.11 ng/ml



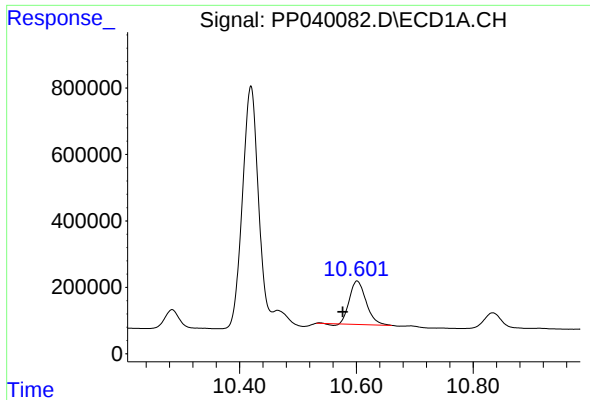
#43 AR-1268-3

R.T.: 9.736 min
Delta R.T.: 0.011 min
Response: 67201
Conc: 27.35 ng/ml



#43 AR-1268-3

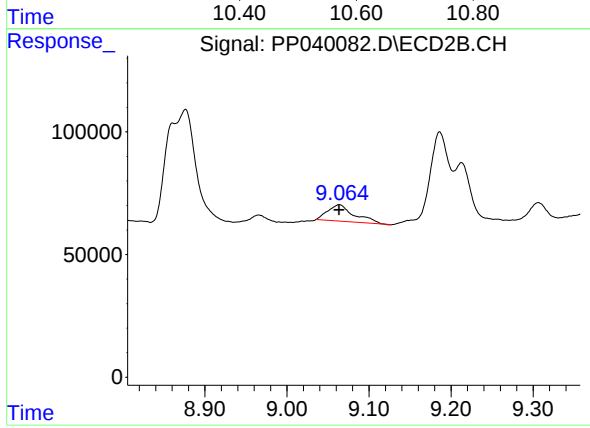
R.T.: 8.490 min
Delta R.T.: -0.001 min
Response: 5533
Conc: 2.53 ng/ml



#45 AR-1268-5

R.T.: 10.601 min
Delta R.T.: 0.024 min
Response: 2549267
Conc: 296.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 148055
Conc: 20.77 ng/ml