

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101421\
 Data File : PP040056.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 14 Oct 2021 13:07
 Operator : AJ\MA
 Sample : M4165-02 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 16:02:23 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	25524	N.D.	1.510 #
2)	SA Decachlor...	0.000	9.307	0	84553	N.D.	3.984 #
Target Compounds							
3)	L1 AR-1016-1	6.238f	0.000	47685	0	48.293	N.D. #
4)	L1 AR-1016-2	6.238	0.000	47685	0	33.370	N.D. #
5)	L1 AR-1016-3	6.314	0.000	62573	0	71.802	N.D. #
6)	L1 AR-1016-4	6.405	5.512	72382	58594	101.726	143.103 #
7)	L1 AR-1016-5	0.000	5.741	0	19232	N.D.	38.413 #
8)	L2 AR-1221-1	0.000	4.265f	0	19614	N.D.	95.843 #
9)	L2 AR-1221-2	5.255	4.332	283790	12042	1273.780	71.592 #
10)	L2 AR-1221-3	5.337	4.431	214533	115538	266.110	213.351
11)	L3 AR-1232-1	5.337	4.431	214533	115538	344.772	284.464
12)	L3 AR-1232-2	5.930	0.000	105841	0	308.377	N.D. #
13)	L3 AR-1232-3	6.238	0.000	47685	0	75.441	N.D. #
14)	L3 AR-1232-4	6.405	5.566	72382	20661	230.788	109.198 #
15)	L3 AR-1232-5	6.507	5.741	102925	19232	438.929	93.151 #
16)	L4 AR-1242-1	6.238f	0.000	47685	0	60.731	N.D. #
17)	L4 AR-1242-2	6.238	0.000	47685	0	42.040	N.D. #
18)	L4 AR-1242-3	6.314	0.000	62573	0	90.032	N.D. #
19)	L4 AR-1242-4	6.405	5.566	72382	20661	125.622	55.777 #
20)	L4 AR-1242-5	7.206	6.114	164721	529595	314.954	1110.345 #
21)	L5 AR-1248-1	6.238f	0.000	47685	0	77.298	N.D. #
22)	L5 AR-1248-2	6.507	5.512	102925	58594	128.573	109.012
23)	L5 AR-1248-3	0.000	5.566	0	20661	N.D.	36.550 #
24)	L5 AR-1248-4	7.156	5.741	119517	19232	129.876	30.094 #
25)	L5 AR-1248-5	7.206	6.164	164721	40097	186.210	64.275 #
26)	L6 AR-1254-1	7.126	6.114	173316	529595	186.804	552.797 #
27)	L6 AR-1254-2	7.356	6.283	228568	123006	165.106	139.367
28)	L6 AR-1254-3	7.739	6.706	171761	158598	120.562	116.328
29)	L6 AR-1254-4	8.036	6.945	96212	132933	90.922	154.984 #
30)	L6 AR-1254-5	8.465	7.376	83953	131892	71.826	102.178 #
31)	L7 AR-1260-1	7.905	6.860f	83463	633716	76.404	632.679 #
32)	L7 AR-1260-2	8.170	7.041	180744	110802	132.242	93.574 #
33)	L7 AR-1260-3	8.560f	7.196	912779	78290	1001.680	66.263 #
34)	L7 AR-1260-4	8.785	7.679	120318	143604	113.991	163.388 #
35)	L7 AR-1260-5	0.000	7.931	0	727812	N.D.	356.124 #
36)	L8 AR-1262-1	8.560f	7.376	912779	131892	669.359	187.755 #
37)	L8 AR-1262-2	0.000	7.931	0	727812	N.D.	323.412 #
38)	L8 AR-1262-3	0.000	8.218	0	61702	N.D.	63.356 #
39)	L8 AR-1262-4	9.498	8.257f	130874	1240002	160.172	699.455 #
41)	L9 AR-1268-1	0.000	8.218	0	61702	N.D.	22.867 #
42)	L9 AR-1268-2	9.498	8.257f	130874	1240002	46.354	495.263 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 16:02:23 2021
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 Response via : Initial Calibration
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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	9.729	0.000	55123	0	22.438	N.D. #
45) L9	AR-1268-5	10.599f	9.065	1583878	167196	184.147	23.452 #

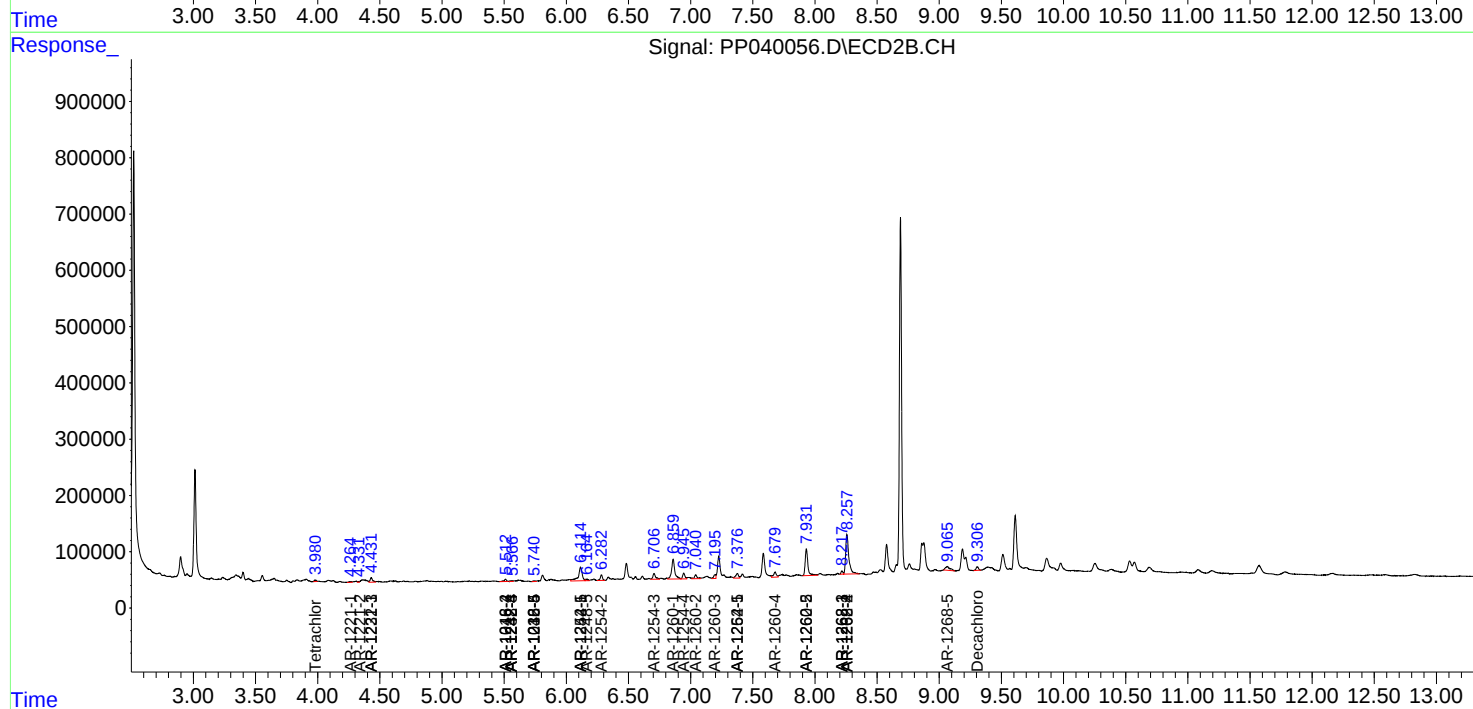
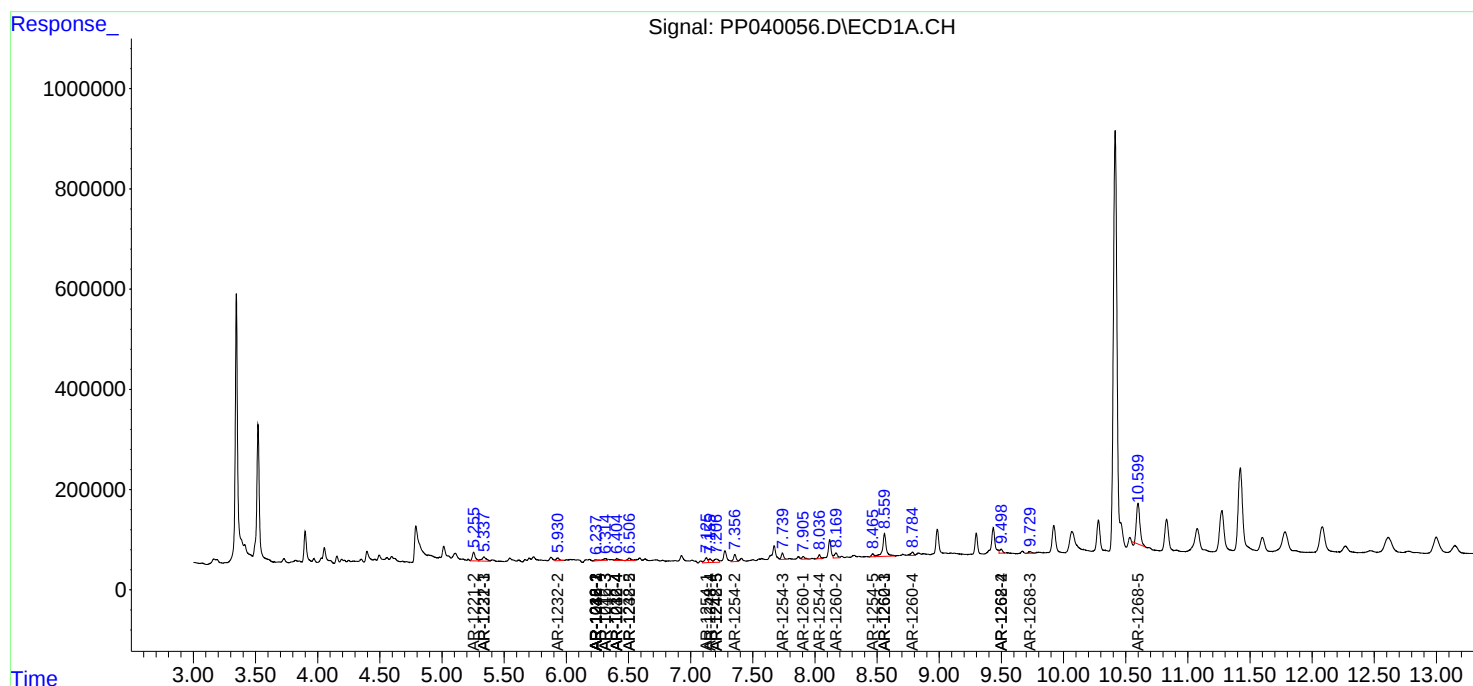
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

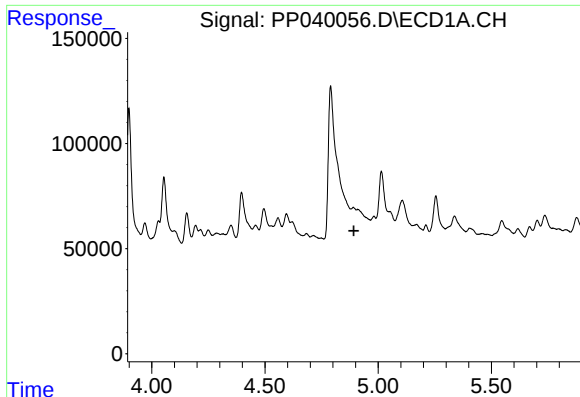
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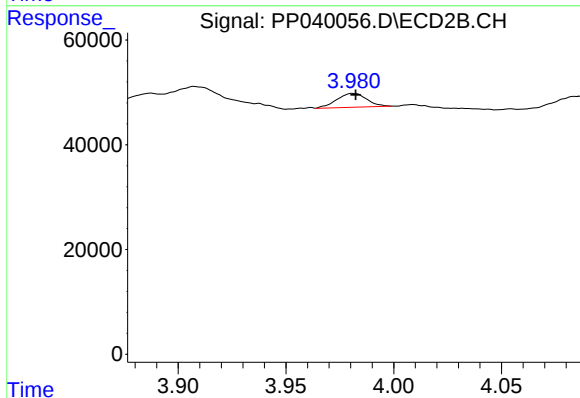




#1 Tetrachloro-m-xylene

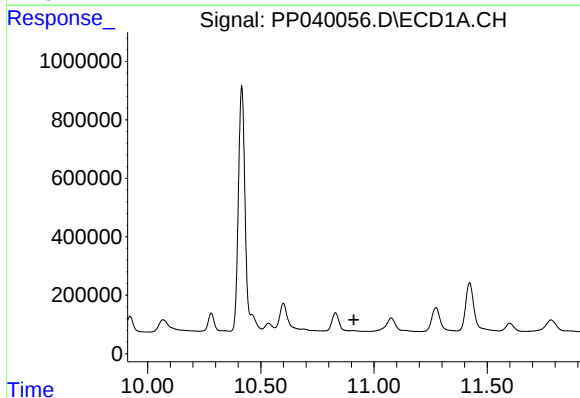
R.T.: 0.000 min
Exp R.T.: 4.893 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



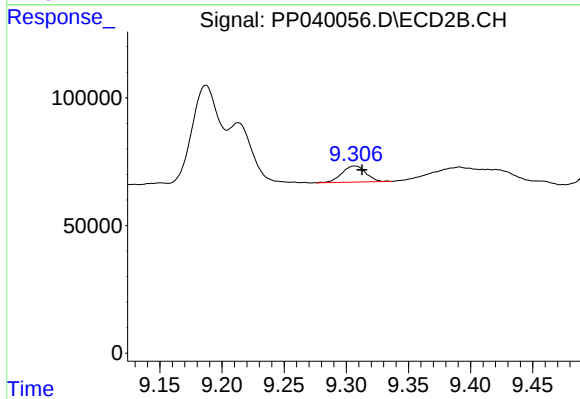
#1 Tetrachloro-m-xylene

R.T.: 3.981 min
Delta R.T.: -0.001 min
Response: 25524
Conc: 1.51 ng/ml



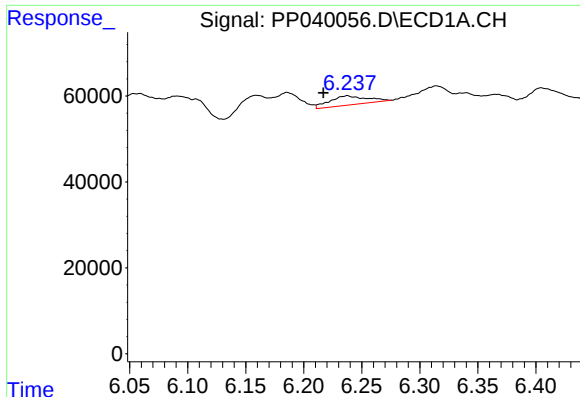
#2 Decachlorobiphenyl

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



#2 Decachlorobiphenyl

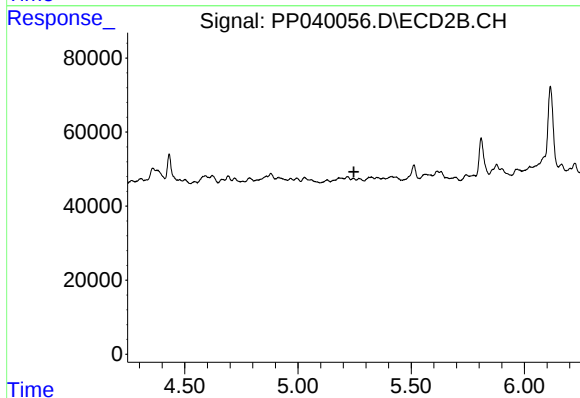
R.T.: 9.307 min
Delta R.T.: -0.006 min
Response: 84553
Conc: 3.98 ng/ml



#3 AR-1016-1

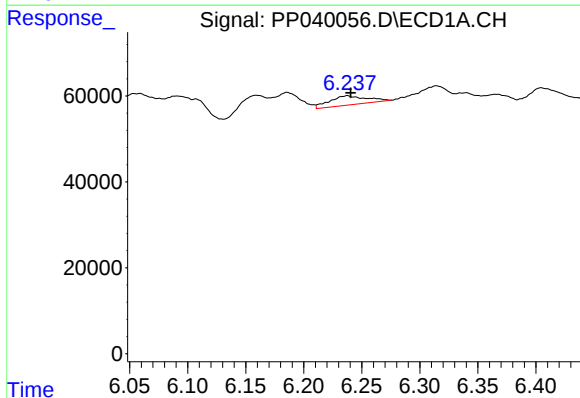
R.T.: 6.238 min
Delta R.T.: 0.021 min
Response: 47685
Conc: 48.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



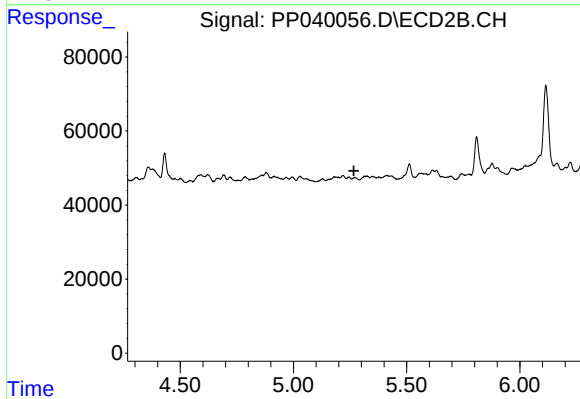
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.247 min
Response: 0
Conc: N.D.



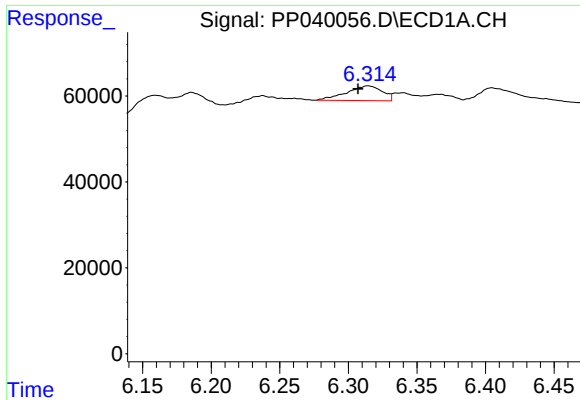
#4 AR-1016-2

R.T.: 6.238 min
Delta R.T.: -0.003 min
Response: 47685
Conc: 33.37 ng/ml



#4 AR-1016-2

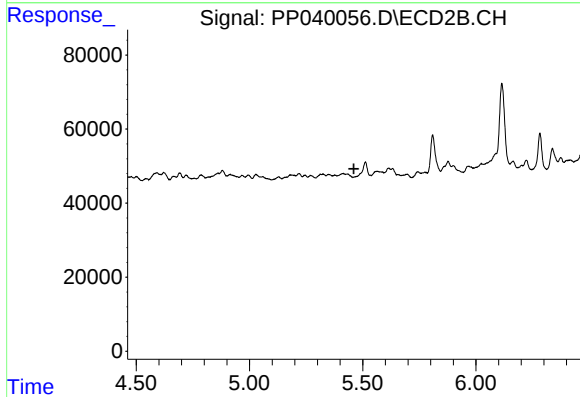
R.T.: 0.000 min
Exp R.T. : 5.267 min
Response: 0
Conc: N.D.



#5 AR-1016-3

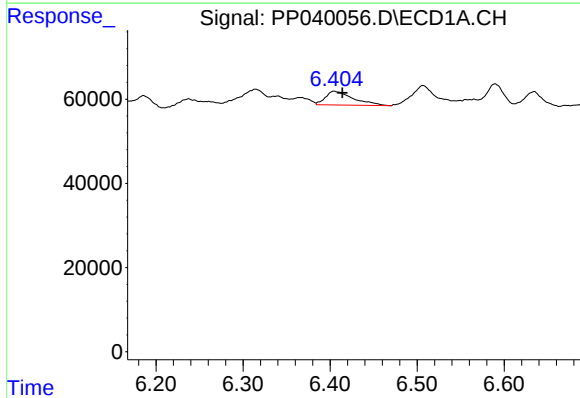
R.T.: 6.314 min
Delta R.T.: 0.007 min
Response: 62573
Conc: 71.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



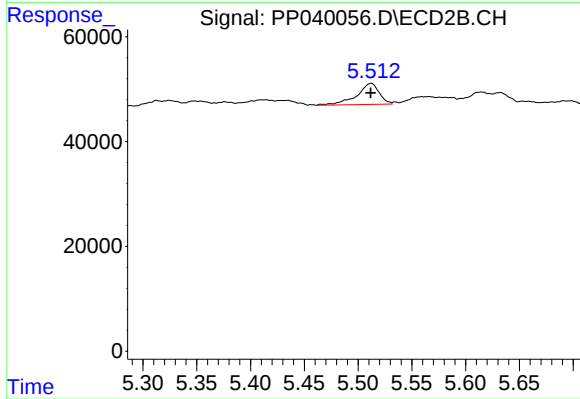
#5 AR-1016-3

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



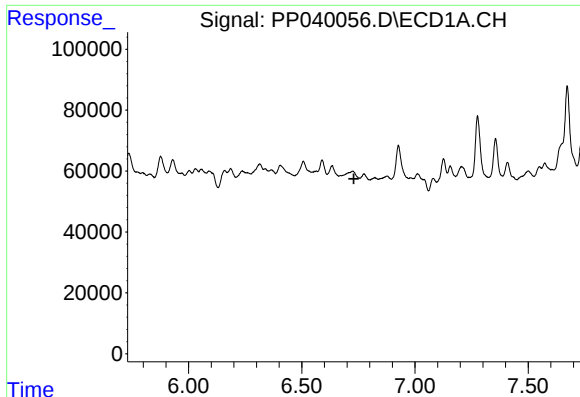
#6 AR-1016-4

R.T.: 6.405 min
Delta R.T.: -0.009 min
Response: 72382
Conc: 101.73 ng/ml



#6 AR-1016-4

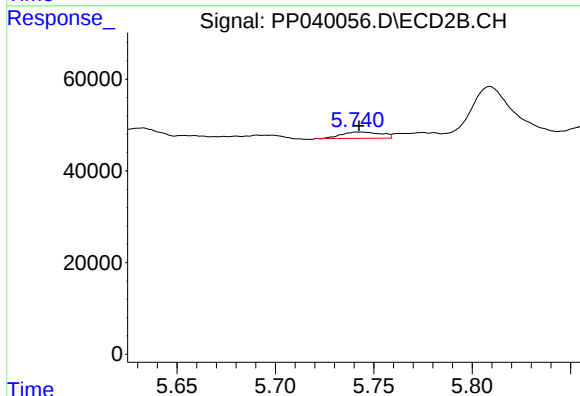
R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 58594
Conc: 143.10 ng/ml



#7 AR-1016-5

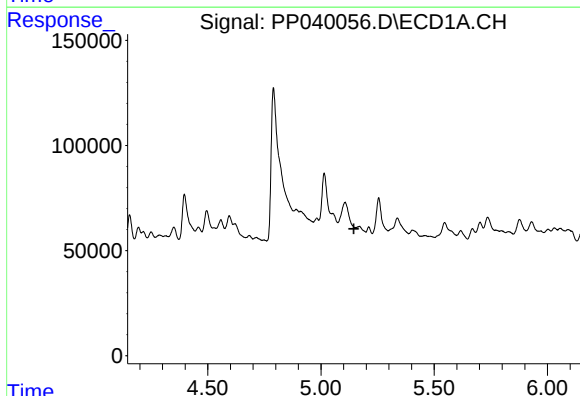
R.T.: 0.000 min
Exp R.T.: 6.730 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



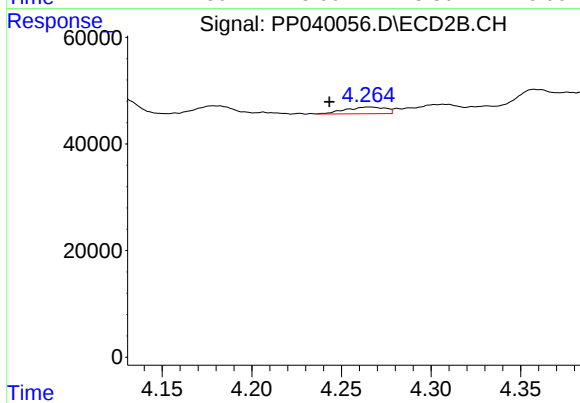
#7 AR-1016-5

R.T.: 5.741 min
Delta R.T.: -0.001 min
Response: 19232
Conc: 38.41 ng/ml



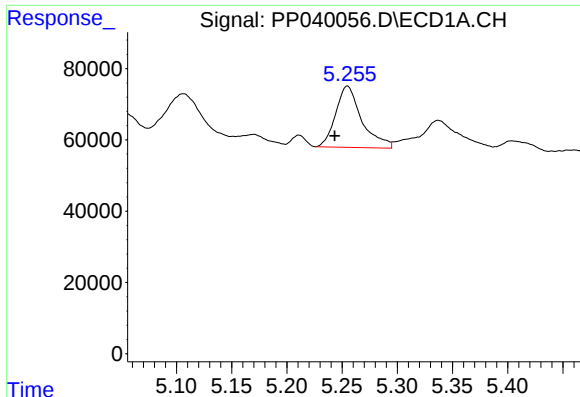
#8 AR-1221-1

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



#8 AR-1221-1

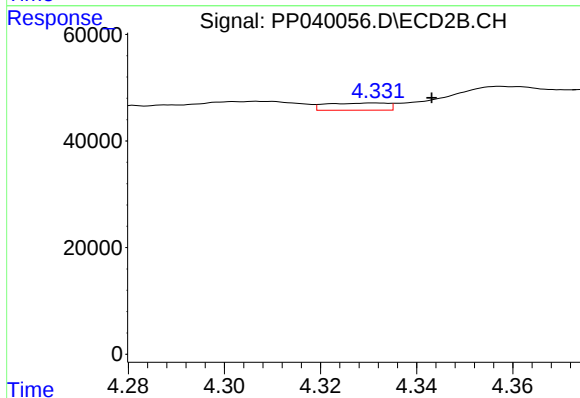
R.T.: 4.265 min
Delta R.T.: 0.022 min
Response: 19614
Conc: 95.84 ng/ml



#9 AR-1221-2

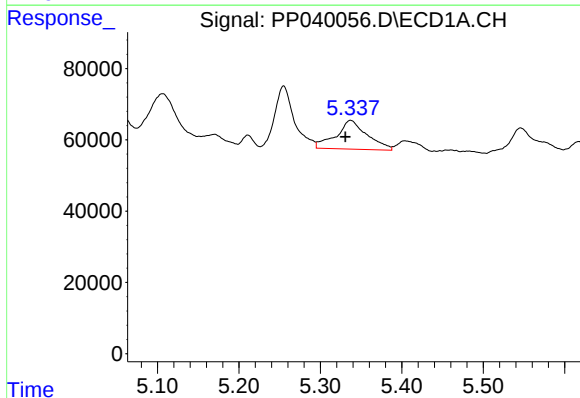
R.T.: 5.255 min
Delta R.T.: 0.011 min
Response: 283790
Conc: 1273.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



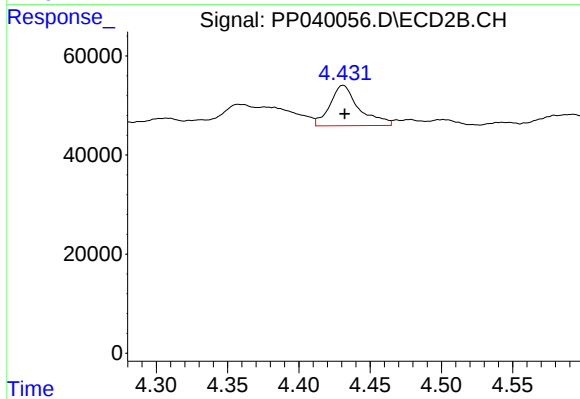
#9 AR-1221-2

R.T.: 4.332 min
Delta R.T.: -0.012 min
Response: 12042
Conc: 71.59 ng/ml



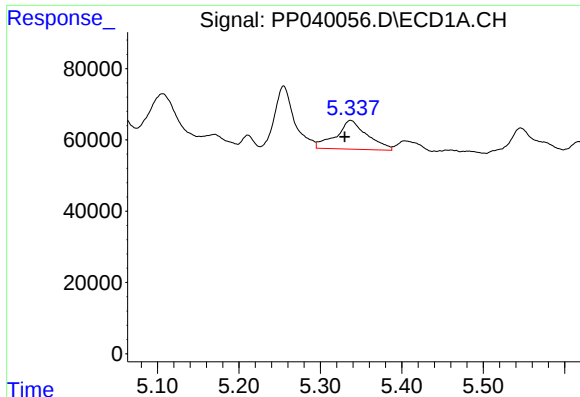
#10 AR-1221-3

R.T.: 5.337 min
Delta R.T.: 0.007 min
Response: 214533
Conc: 266.11 ng/ml



#10 AR-1221-3

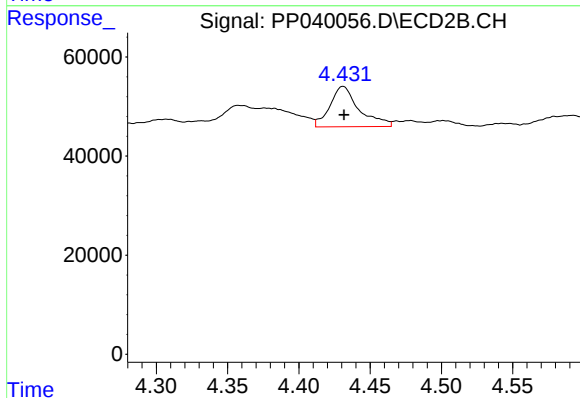
R.T.: 4.431 min
Delta R.T.: -0.001 min
Response: 115538
Conc: 213.35 ng/ml



#11 AR-1232-1

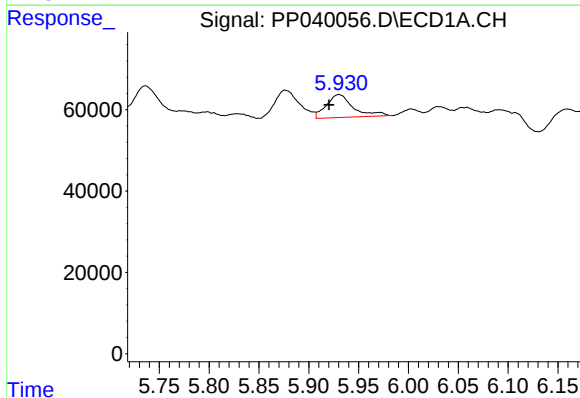
R.T.: 5.337 min
Delta R.T.: 0.007 min
Response: 214533
Conc: 344.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



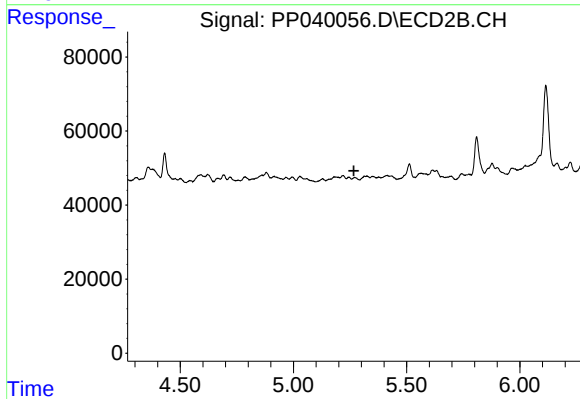
#11 AR-1232-1

R.T.: 4.431 min
Delta R.T.: 0.000 min
Response: 115538
Conc: 284.46 ng/ml



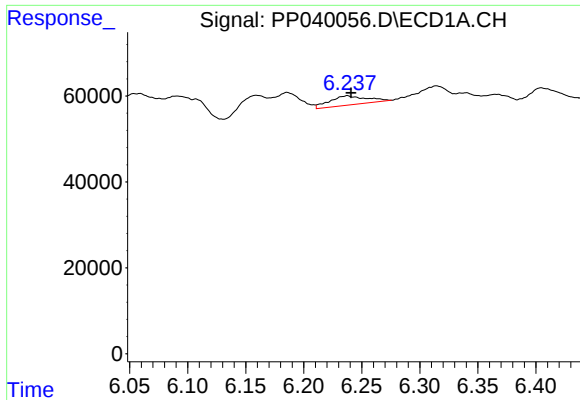
#12 AR-1232-2

R.T.: 5.930 min
Delta R.T.: 0.010 min
Response: 105841
Conc: 308.38 ng/ml



#12 AR-1232-2

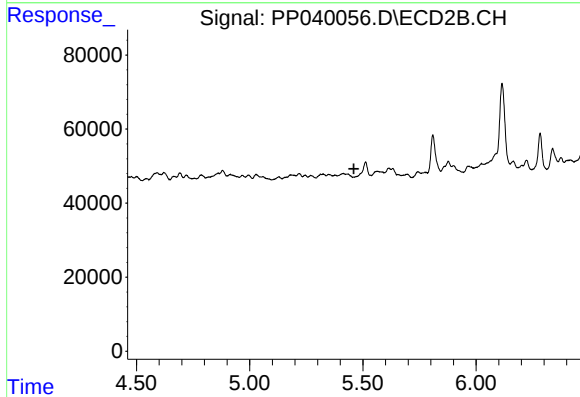
R.T.: 0.000 min
Exp R.T. : 5.267 min
Response: 0
Conc: N.D.



#13 AR-1232-3

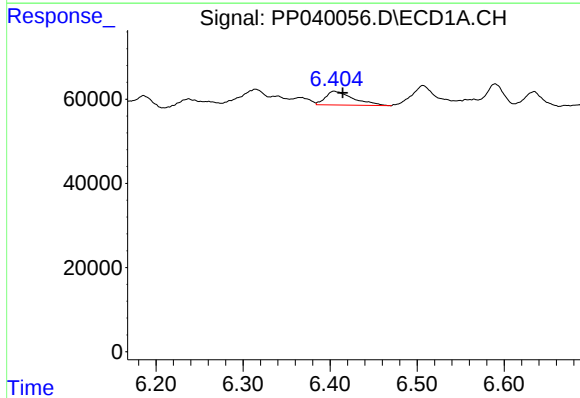
R.T.: 6.238 min
Delta R.T.: -0.003 min
Response: 47685
Conc: 75.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



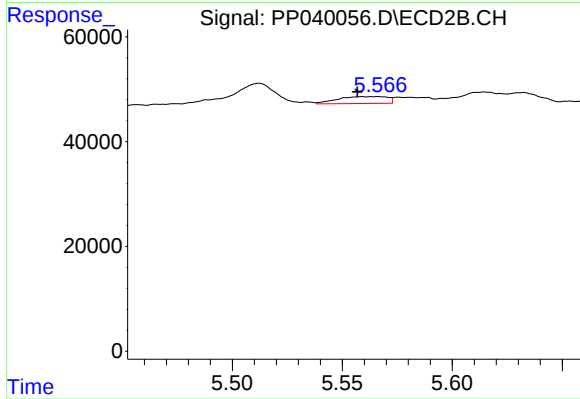
#13 AR-1232-3

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



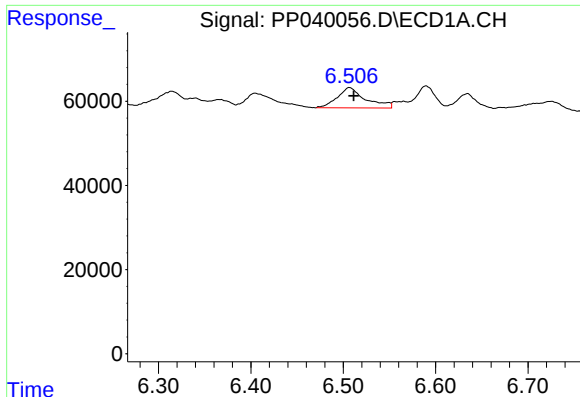
#14 AR-1232-4

R.T.: 6.405 min
Delta R.T.: -0.010 min
Response: 72382
Conc: 230.79 ng/ml



#14 AR-1232-4

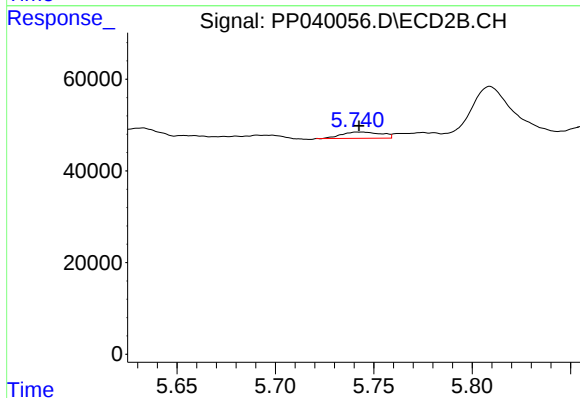
R.T.: 5.566 min
Delta R.T.: 0.009 min
Response: 20661
Conc: 109.20 ng/ml



#15 AR-1232-5

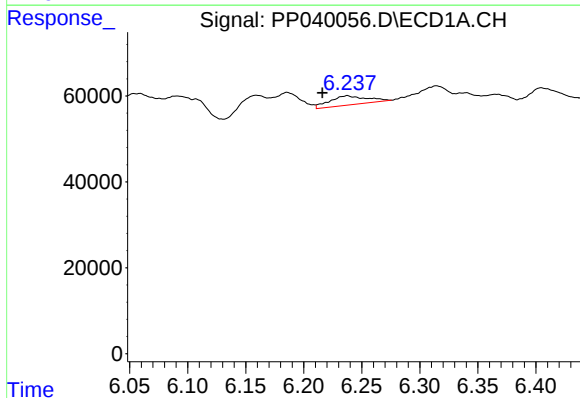
R.T.: 6.507 min
Delta R.T.: -0.005 min
Response: 102925
Conc: 438.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



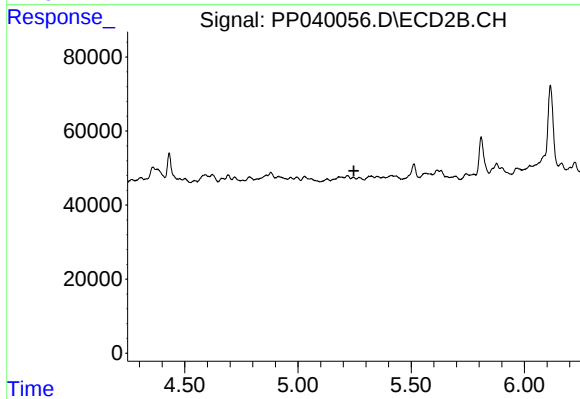
#15 AR-1232-5

R.T.: 5.741 min
Delta R.T.: -0.001 min
Response: 19232
Conc: 93.15 ng/ml



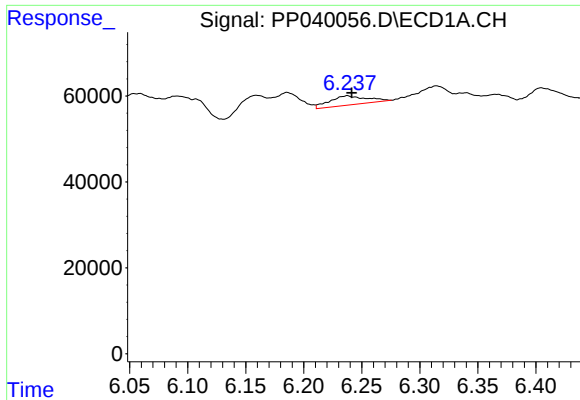
#16 AR-1242-1

R.T.: 6.238 min
Delta R.T.: 0.021 min
Response: 47685
Conc: 60.73 ng/ml



#16 AR-1242-1

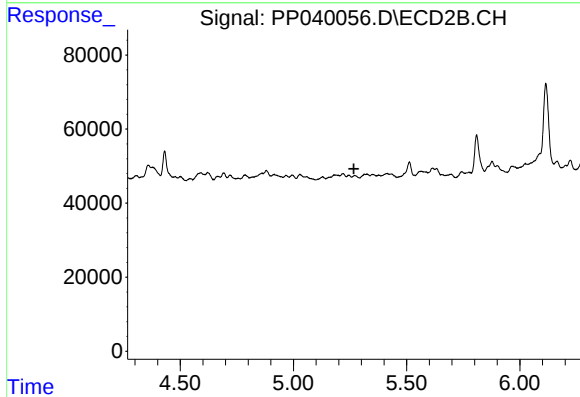
R.T.: 0.000 min
Exp R.T.: 5.247 min
Response: 0
Conc: N.D.



#17 AR-1242-2

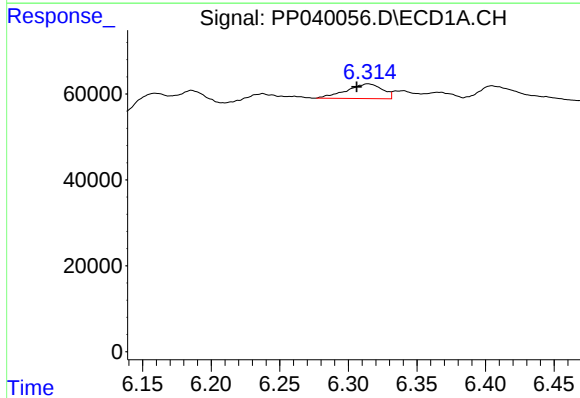
R.T.: 6.238 min
Delta R.T.: -0.004 min
Response: 47685
Conc: 42.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



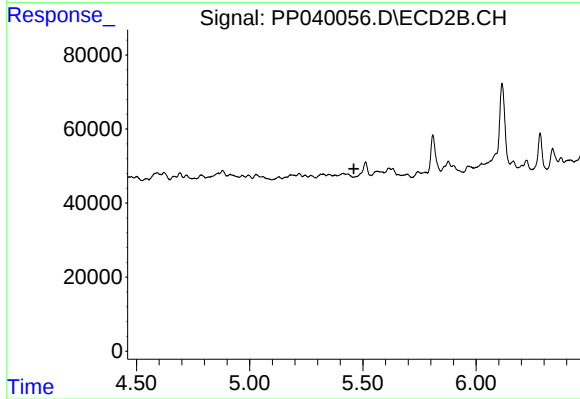
#17 AR-1242-2

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



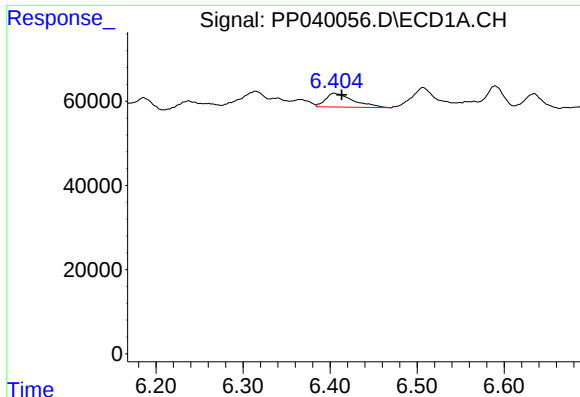
#18 AR-1242-3

R.T.: 6.314 min
Delta R.T.: 0.008 min
Response: 62573
Conc: 90.03 ng/ml



#18 AR-1242-3

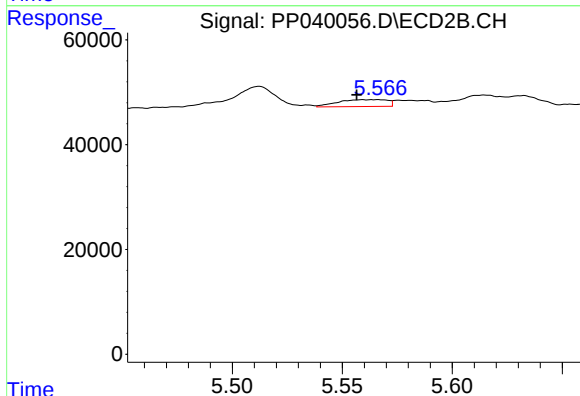
R.T.: 0.000 min
Exp R.T. : 5.460 min
Response: 0
Conc: N.D.



#19 AR-1242-4

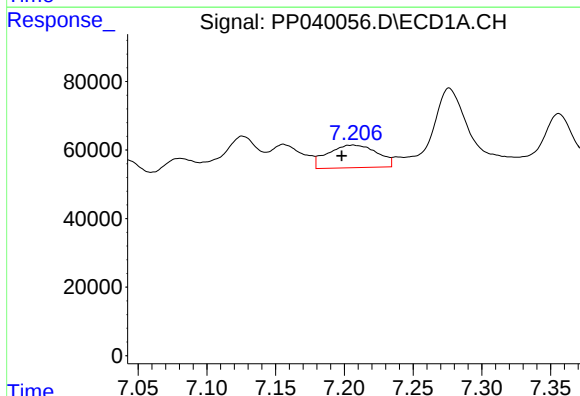
R.T.: 6.405 min
Delta R.T.: -0.009 min
Response: 72382
Conc: 125.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



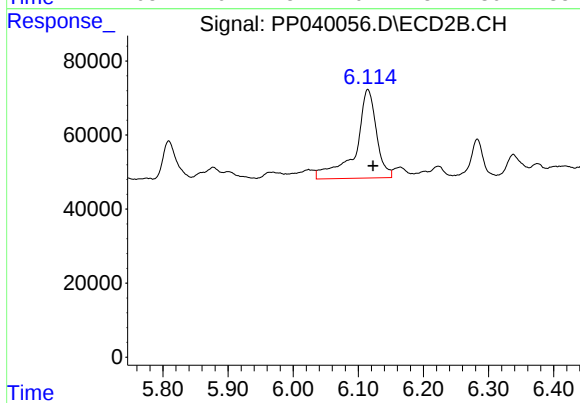
#19 AR-1242-4

R.T.: 5.566 min
Delta R.T.: 0.010 min
Response: 20661
Conc: 55.78 ng/ml



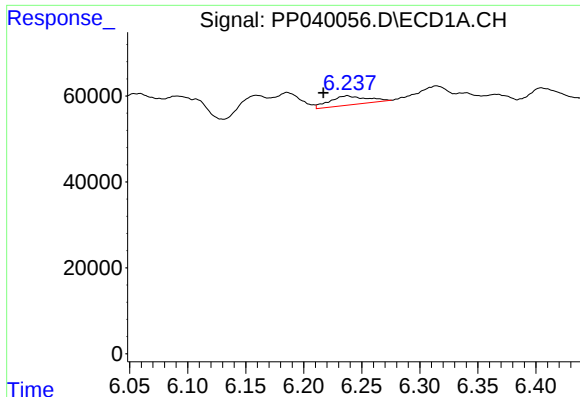
#20 AR-1242-5

R.T.: 7.206 min
Delta R.T.: 0.008 min
Response: 164721
Conc: 314.95 ng/ml



#20 AR-1242-5

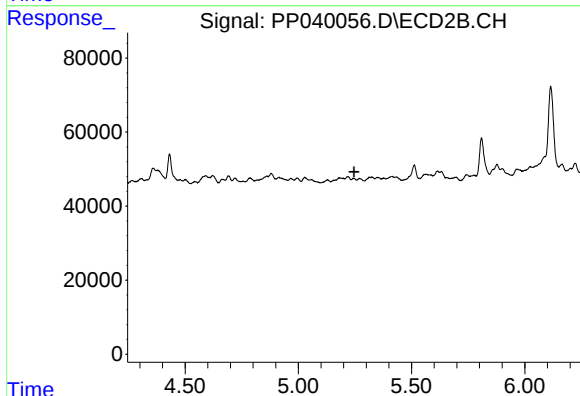
R.T.: 6.114 min
Delta R.T.: -0.008 min
Response: 529595
Conc: 1110.34 ng/ml



#21 AR-1248-1

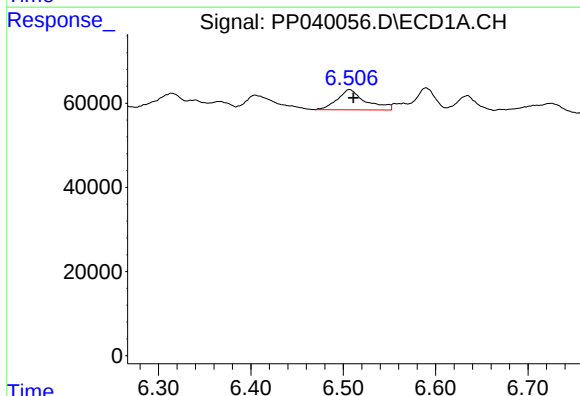
R.T.: 6.238 min
Delta R.T.: 0.021 min
Response: 47685
Conc: 77.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



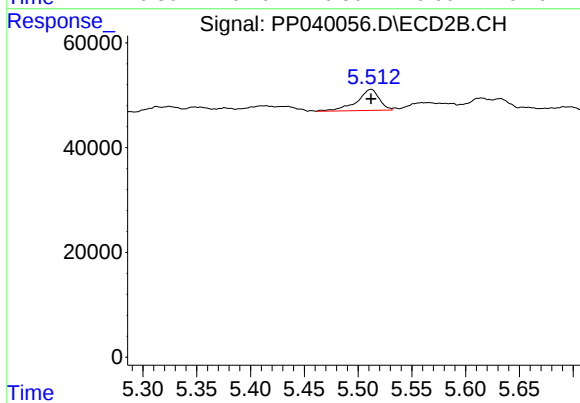
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.246 min
Response: 0
Conc: N.D.



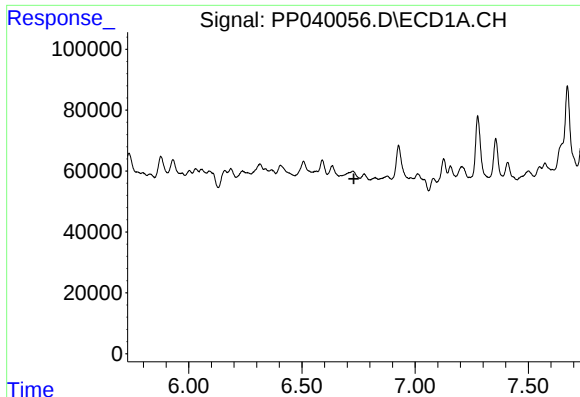
#22 AR-1248-2

R.T.: 6.507 min
Delta R.T.: -0.004 min
Response: 102925
Conc: 128.57 ng/ml



#22 AR-1248-2

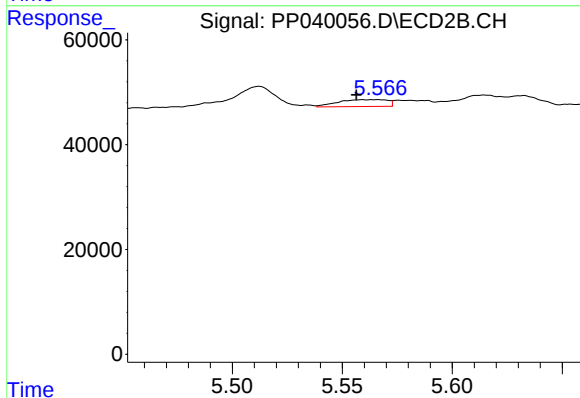
R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 58594
Conc: 109.01 ng/ml



#23 AR-1248-3

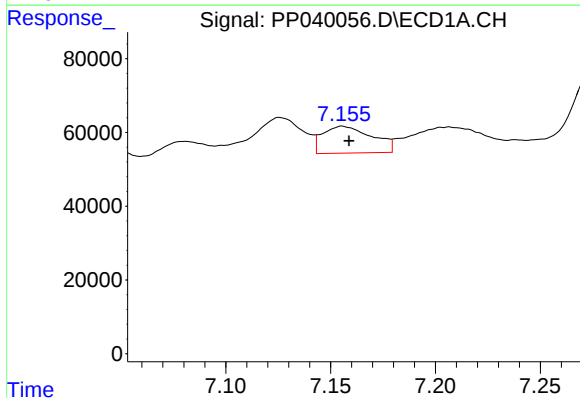
R.T.: 0.000 min
Exp R.T.: 6.729 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



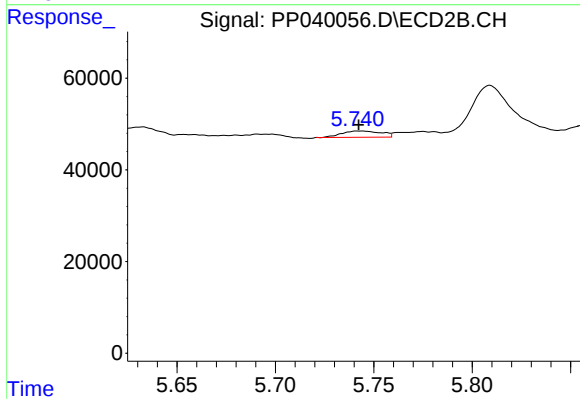
#23 AR-1248-3

R.T.: 5.566 min
Delta R.T.: 0.010 min
Response: 20661
Conc: 36.55 ng/ml



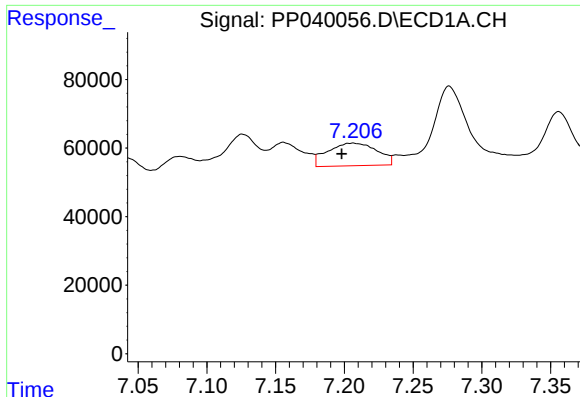
#24 AR-1248-4

R.T.: 7.156 min
Delta R.T.: -0.003 min
Response: 119517
Conc: 129.88 ng/ml



#24 AR-1248-4

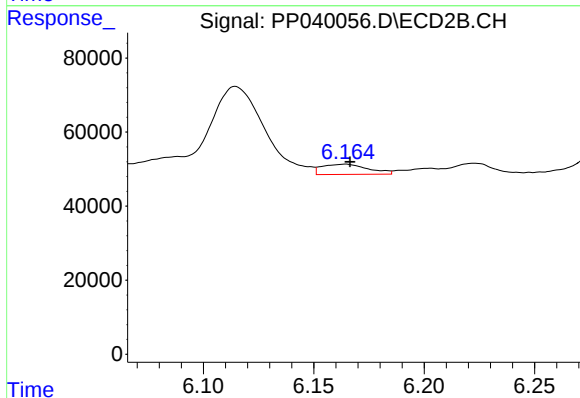
R.T.: 5.741 min
Delta R.T.: -0.001 min
Response: 19232
Conc: 30.09 ng/ml



#25 AR-1248-5

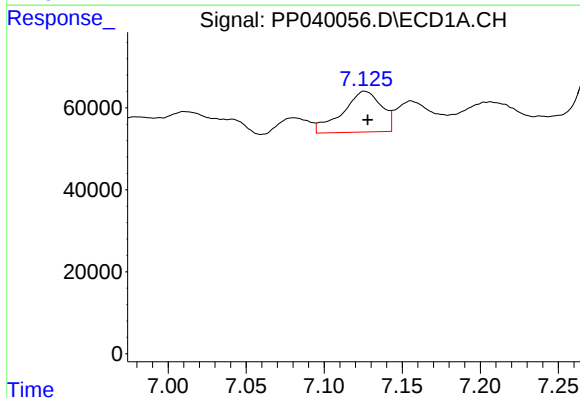
R.T.: 7.206 min
Delta R.T.: 0.008 min
Response: 164721
Conc: 186.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



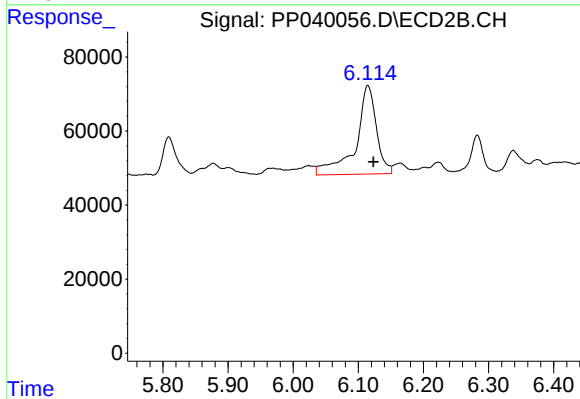
#25 AR-1248-5

R.T.: 6.164 min
Delta R.T.: -0.002 min
Response: 40097
Conc: 64.27 ng/ml



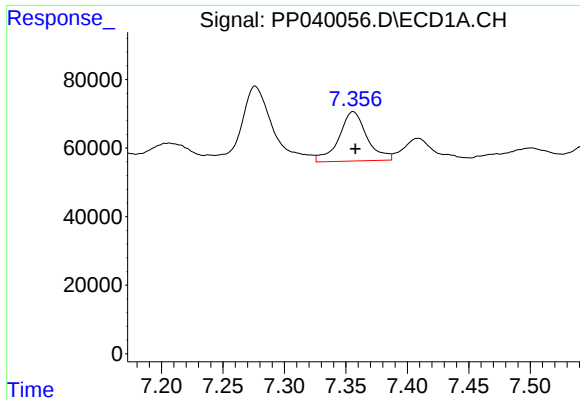
#26 AR-1254-1

R.T.: 7.126 min
Delta R.T.: -0.002 min
Response: 173316
Conc: 186.80 ng/ml



#26 AR-1254-1

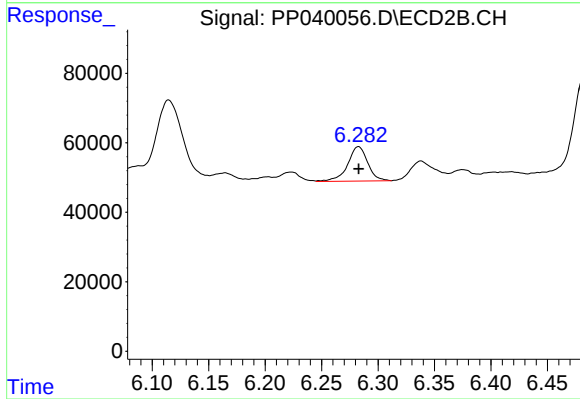
R.T.: 6.114 min
Delta R.T.: -0.009 min
Response: 529595
Conc: 552.80 ng/ml



#27 AR-1254-2

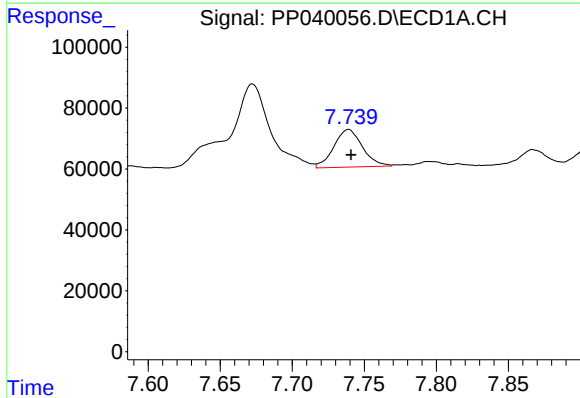
R.T.: 7.356 min
Delta R.T.: -0.002 min
Response: 228568
Conc: 165.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



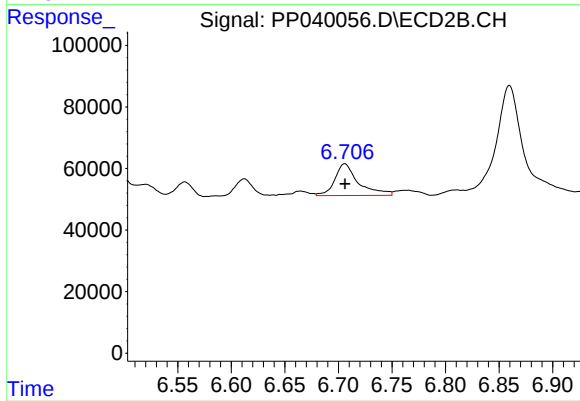
#27 AR-1254-2

R.T.: 6.283 min
Delta R.T.: 0.000 min
Response: 123006
Conc: 139.37 ng/ml



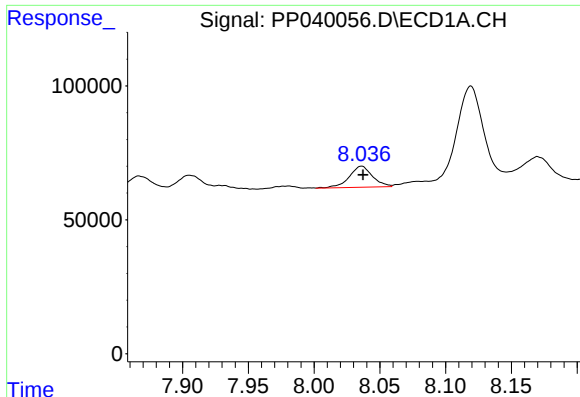
#28 AR-1254-3

R.T.: 7.739 min
Delta R.T.: -0.002 min
Response: 171761
Conc: 120.56 ng/ml



#28 AR-1254-3

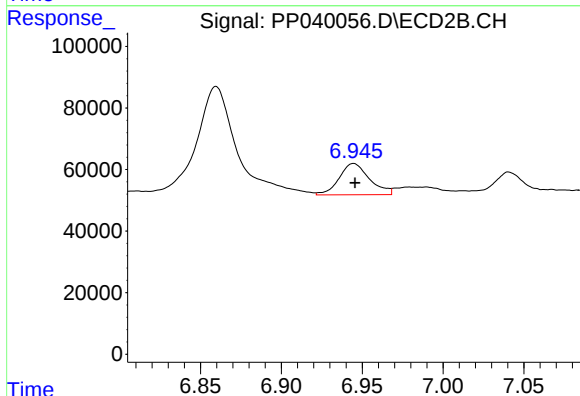
R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 158598
Conc: 116.33 ng/ml



#29 AR-1254-4

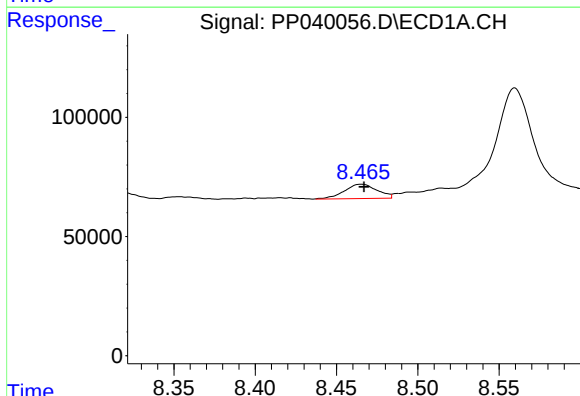
R.T.: 8.036 min
Delta R.T.: -0.001 min
Response: 96212
Conc: 90.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



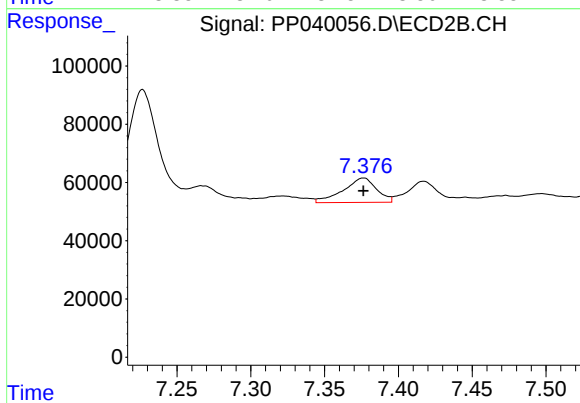
#29 AR-1254-4

R.T.: 6.945 min
Delta R.T.: 0.000 min
Response: 132933
Conc: 154.98 ng/ml



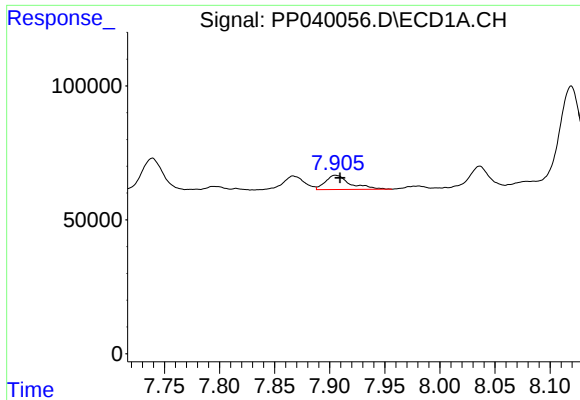
#30 AR-1254-5

R.T.: 8.465 min
Delta R.T.: -0.002 min
Response: 83953
Conc: 71.83 ng/ml



#30 AR-1254-5

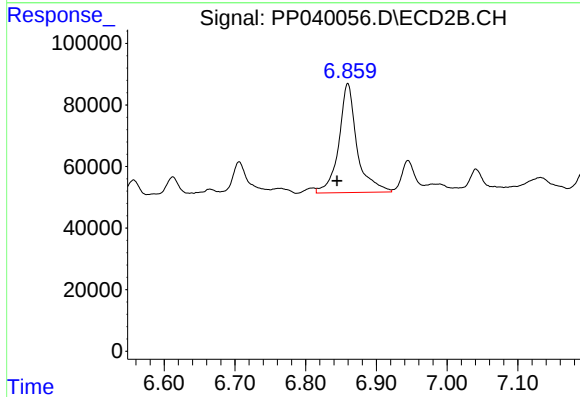
R.T.: 7.376 min
Delta R.T.: 0.000 min
Response: 131892
Conc: 102.18 ng/ml



#31 AR-1260-1

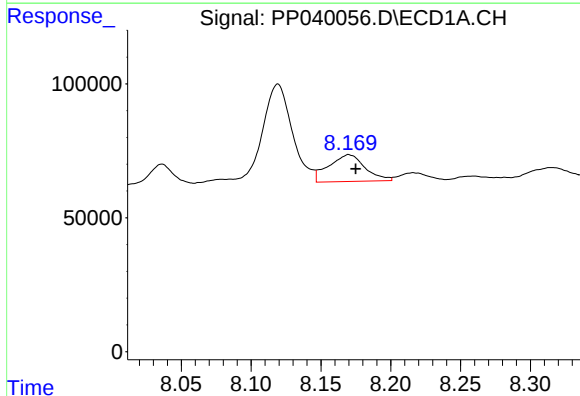
R.T.: 7.905 min
Delta R.T.: -0.004 min
Response: 83463
Conc: 76.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



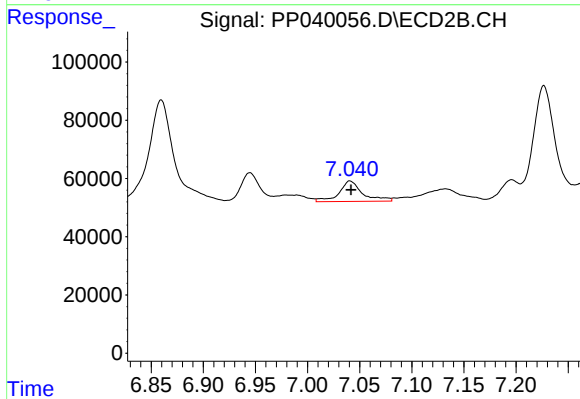
#31 AR-1260-1

R.T.: 6.860 min
Delta R.T.: 0.015 min
Response: 633716
Conc: 632.68 ng/ml



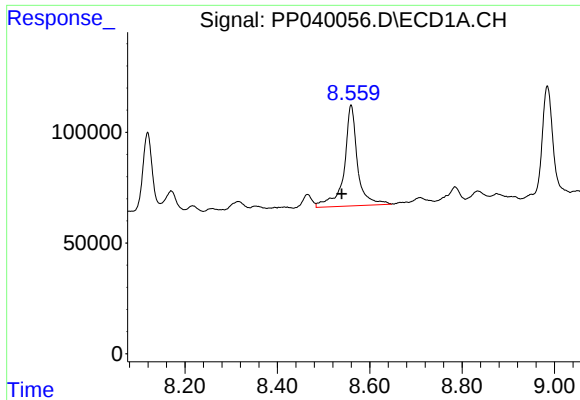
#32 AR-1260-2

R.T.: 8.170 min
Delta R.T.: -0.005 min
Response: 180744
Conc: 132.24 ng/ml



#32 AR-1260-2

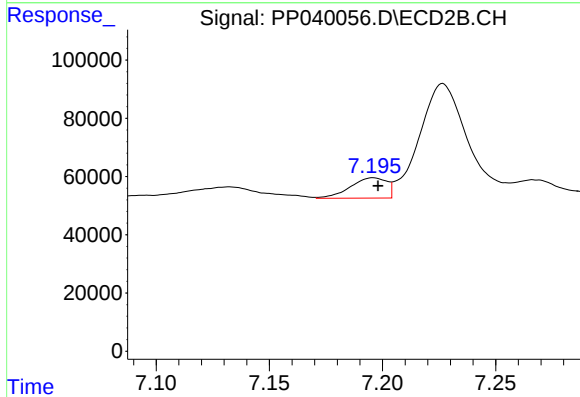
R.T.: 7.041 min
Delta R.T.: 0.000 min
Response: 110802
Conc: 93.57 ng/ml



#33 AR-1260-3

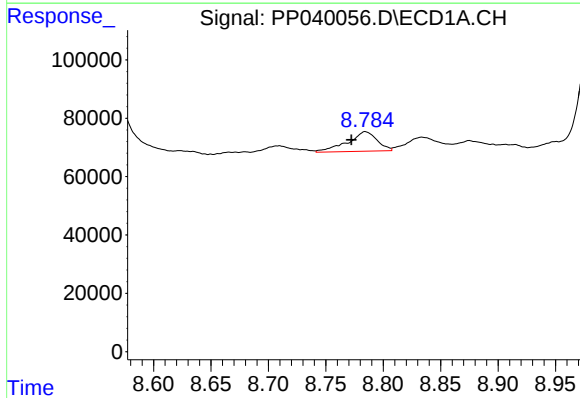
R.T.: 8.560 min
Delta R.T.: 0.020 min
Response: 912779
Conc: 1001.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



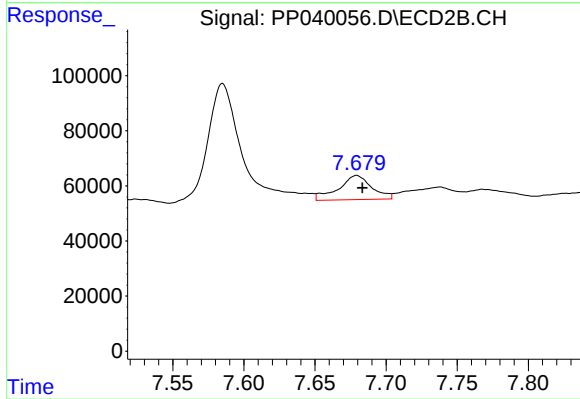
#33 AR-1260-3

R.T.: 7.196 min
Delta R.T.: -0.002 min
Response: 78290
Conc: 66.26 ng/ml



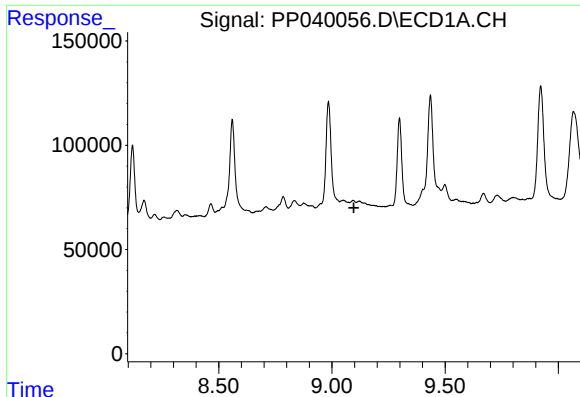
#34 AR-1260-4

R.T.: 8.785 min
Delta R.T.: 0.012 min
Response: 120318
Conc: 113.99 ng/ml



#34 AR-1260-4

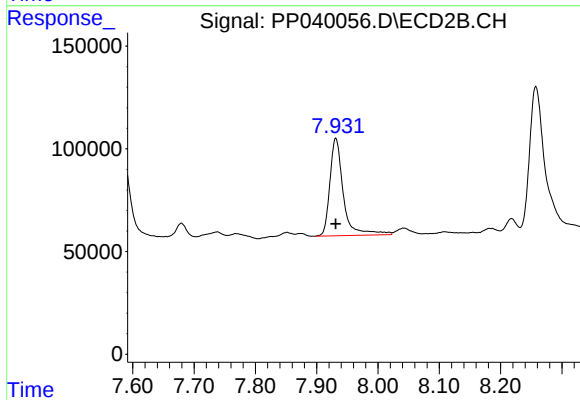
R.T.: 7.679 min
Delta R.T.: -0.004 min
Response: 143604
Conc: 163.39 ng/ml



#35 AR-1260-5

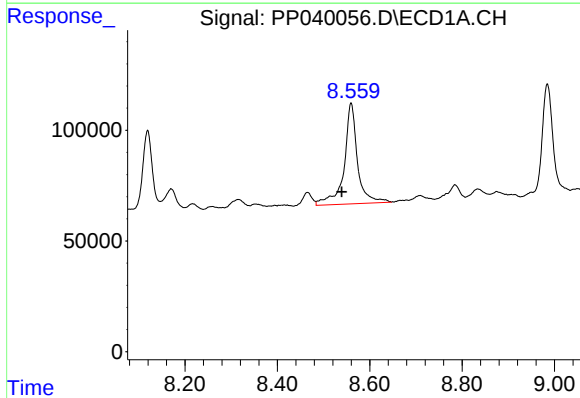
R.T.: 0.000 min
Exp R.T.: 9.097 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



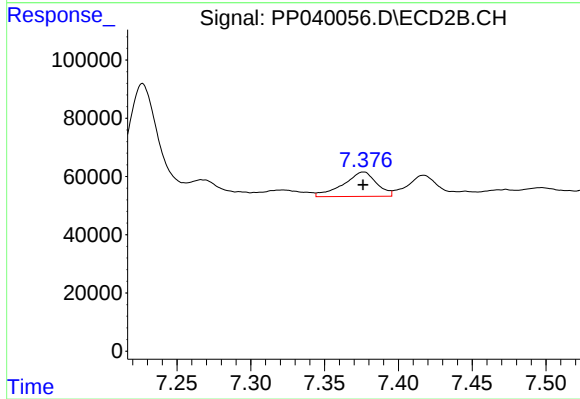
#35 AR-1260-5

R.T.: 7.931 min
Delta R.T.: 0.000 min
Response: 727812
Conc: 356.12 ng/ml



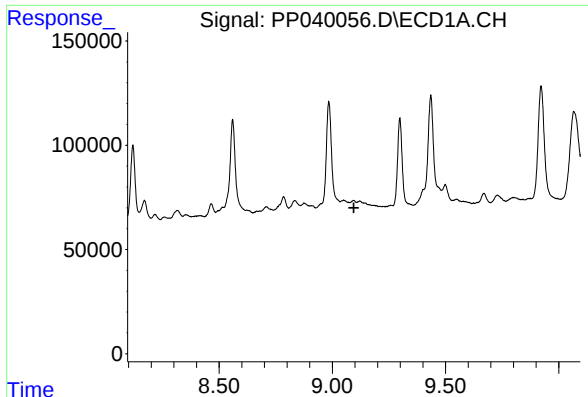
#36 AR-1262-1

R.T.: 8.560 min
Delta R.T.: 0.020 min
Response: 912779
Conc: 669.36 ng/ml



#36 AR-1262-1

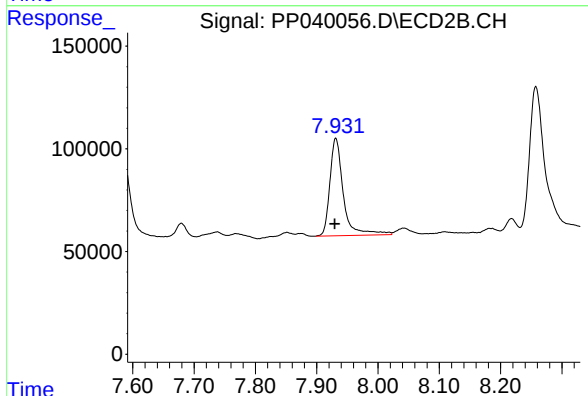
R.T.: 7.376 min
Delta R.T.: 0.000 min
Response: 131892
Conc: 187.75 ng/ml



#37 AR-1262-2

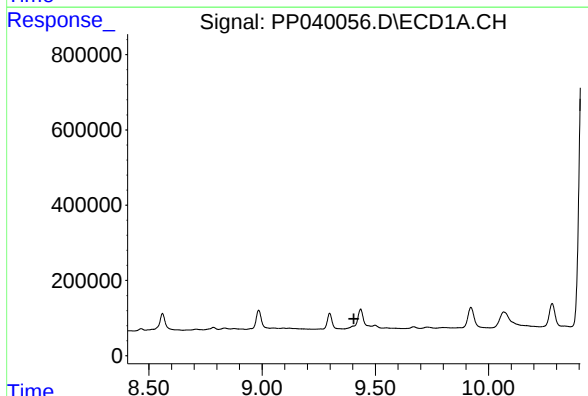
R.T.: 0.000 min
Exp R.T.: 9.096 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



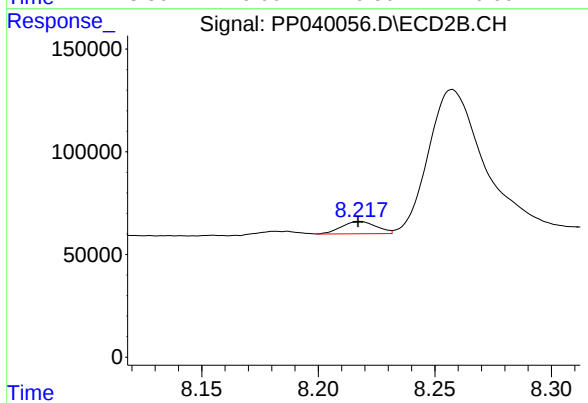
#37 AR-1262-2

R.T.: 7.931 min
Delta R.T.: 0.002 min
Response: 727812
Conc: 323.41 ng/ml



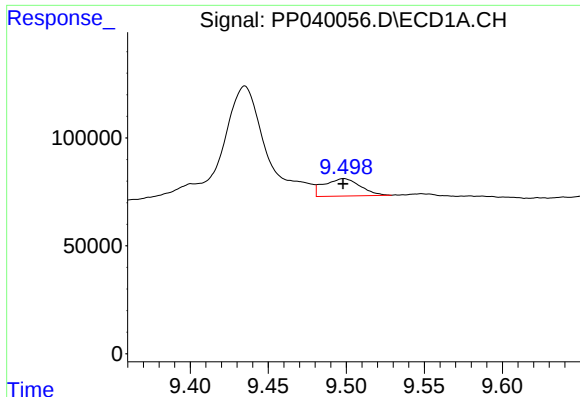
#38 AR-1262-3

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



#38 AR-1262-3

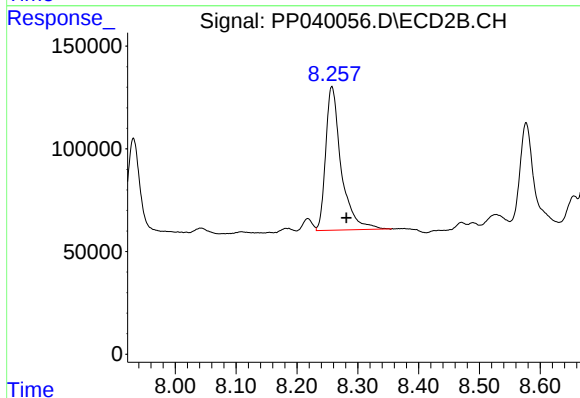
R.T.: 8.218 min
Delta R.T.: 0.000 min
Response: 61702
Conc: 63.36 ng/ml



#39 AR-1262-4

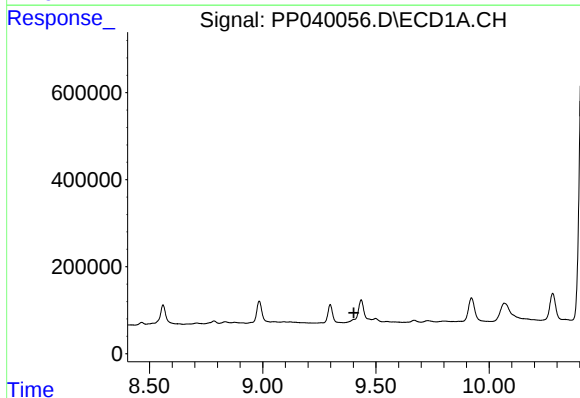
R.T.: 9.498 min
Delta R.T.: 0.000 min
Response: 130874
Conc: 160.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



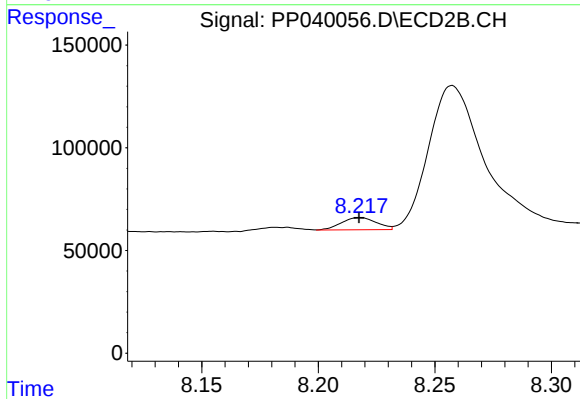
#39 AR-1262-4

R.T.: 8.257 min
Delta R.T.: -0.024 min
Response: 1240002
Conc: 699.46 ng/ml



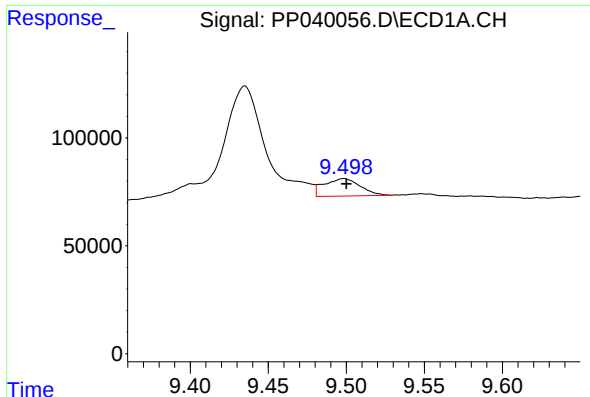
#41 AR-1268-1

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



#41 AR-1268-1

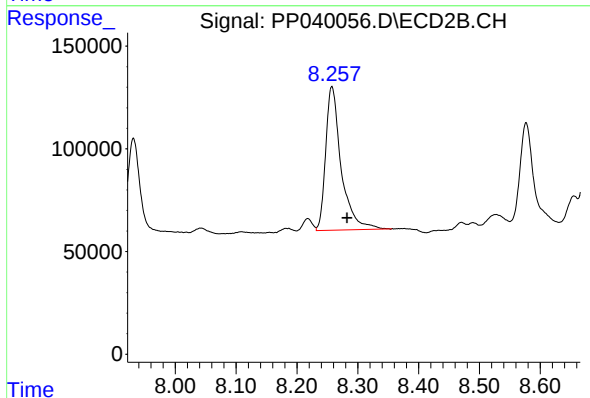
R.T.: 8.218 min
Delta R.T.: 0.000 min
Response: 61702
Conc: 22.87 ng/ml



#42 AR-1268-2

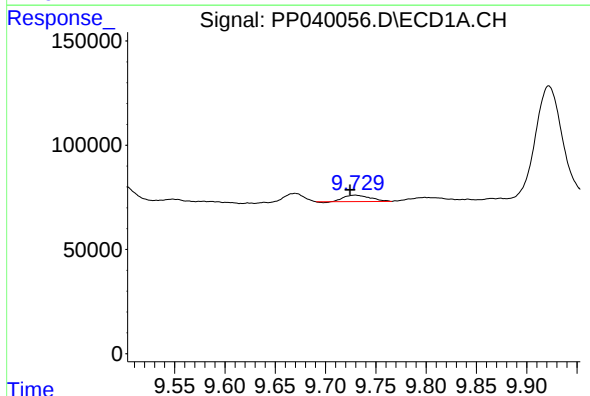
R.T.: 9.498 min
Delta R.T.: -0.002 min
Response: 130874
Conc: 46.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



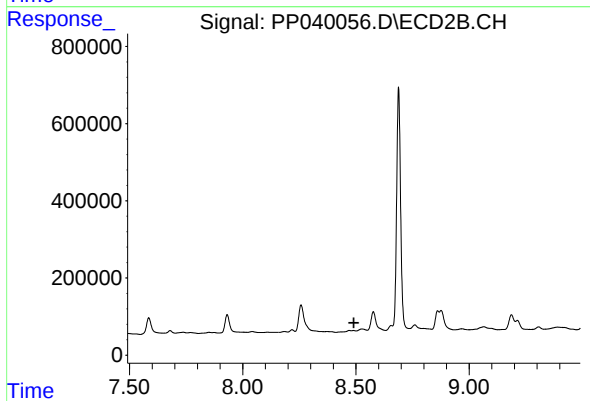
#42 AR-1268-2

R.T.: 8.257 min
Delta R.T.: -0.025 min
Response: 1240002
Conc: 495.26 ng/ml



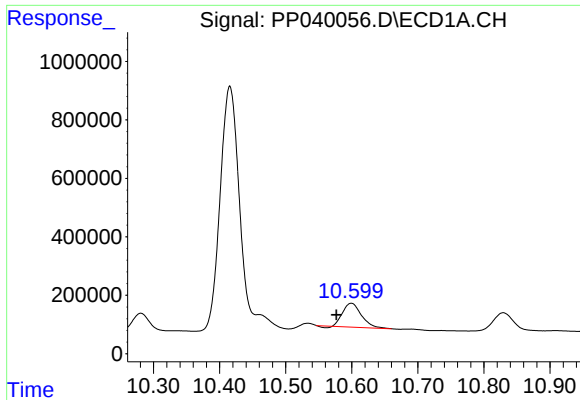
#43 AR-1268-3

R.T.: 9.729 min
Delta R.T.: 0.005 min
Response: 55123
Conc: 22.44 ng/ml



#43 AR-1268-3

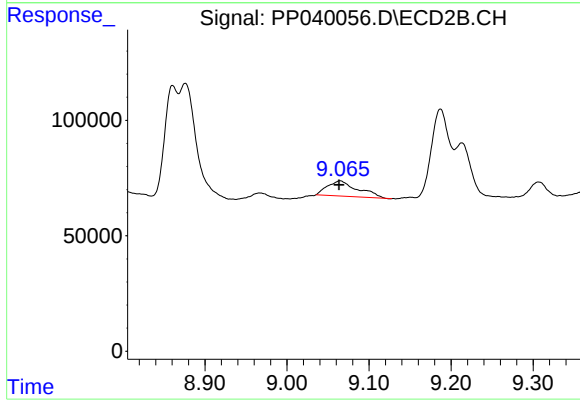
R.T.: 0.000 min
Exp R.T.: 8.491 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.599 min
Delta R.T.: 0.023 min
Response: 1583878
Conc: 184.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 9.065 min
Delta R.T.: 0.001 min
Response: 167196
Conc: 23.45 ng/ml