

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP060421\
 Data File : PP036221.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 04 Jun 2021 10:37
 Operator : DD\AJ
 Sample : M2583-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 54-57S

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 01:07:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP052521.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 26 00:48:29 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...	4.966	3.963	250043	489469	5.618	17.538 #
2)	SA Decachlor...	10.995	9.269	458320	268212	10.724	11.691
Target Compounds							
3)	L1 AR-1016-1	0.000	5.243f	0	15584	N.D.	16.730 #
4)	L1 AR-1016-2	0.000	5.243	0	15584	N.D.	11.928 #
5)	L1 AR-1016-3	6.384	0.000	247399	0	170.848	N.D. #
6)	L1 AR-1016-4	6.497f	5.500f	548273	32146	452.775	60.513 #
7)	L1 AR-1016-5	6.800	5.708	31097	8532	26.259	12.453 #
8)	L2 AR-1221-1	5.216	4.209	1064023	23699	1936.142	74.598 #
9)	L2 AR-1221-2	5.320	4.316	701376	10278	1682.648	42.692 #
10)	L2 AR-1221-3	5.416f	0.000	39373	0	31.382	N.D. #
11)	L3 AR-1232-1	5.416f	0.000	39373	0	40.747	N.D. #
12)	L3 AR-1232-2	5.976	5.243	227477	15584	452.684	29.727 #
14)	L3 AR-1232-4	6.497f	5.537	548273	24632	1133.991	108.555 #
15)	L3 AR-1232-5	0.000	5.708	0	8532	N.D.	34.235 #
16)	L4 AR-1242-1	0.000	5.243f	0	15584	N.D.	21.644 #
17)	L4 AR-1242-2	0.000	5.243	0	15584	N.D.	15.930 #
18)	L4 AR-1242-3	6.384	0.000	247399	0	225.406	N.D. #
19)	L4 AR-1242-4	6.497f	5.537	548273	24632	600.381	49.913 #
20)	L4 AR-1242-5	7.277	6.112f	95659	23270	100.346	35.960 #
21)	L5 AR-1248-1	0.000	5.243f	0	15584	N.D.	29.049 #
22)	L5 AR-1248-2	0.000	5.500f	0	32146	N.D.	46.065 #
23)	L5 AR-1248-3	6.800	5.537	31097	24632	21.462	34.226 #
24)	L5 AR-1248-4	7.207f	5.708	61497	8532	38.615	9.661 #
25)	L5 AR-1248-5	7.277	6.112f	95659	23270	61.273	26.462 #
26)	L6 AR-1254-1	7.207f	6.112f	61497	23270	37.958	17.807 #
27)	L6 AR-1254-2	7.432	0.000	54271	0	22.031	N.D. #
28)	L6 AR-1254-3	7.816	6.675	36851	7774	13.969	4.083 #
29)	L6 AR-1254-4	8.098	6.911	33727	18735	16.709	15.691
30)	L6 AR-1254-5	8.510f	7.337	112155	189110	49.427	110.845 #
31)	L7 AR-1260-1	7.952f	6.809	14917	21931	7.364	17.577 #
32)	L7 AR-1260-2	8.234	7.003	195673	9004	80.096	5.975 #
33)	L7 AR-1260-3	8.605	7.166	125420	36912	67.537	26.264 #
34)	L7 AR-1260-4	8.820	7.662	216221	36176	96.828	30.943 #
35)	L7 AR-1260-5	0.000	7.894	0	85755	N.D.	30.979 #
36)	L8 AR-1262-1	8.605	7.337	125420	189110	49.759	209.179 #
37)	L8 AR-1262-2	0.000	7.894	0	85755	N.D.	28.804 #
38)	L8 AR-1262-3	9.476	8.181	132003	14210	40.907	11.959 #
39)	L8 AR-1262-4	9.583f	0.000	63820	0	23.796	N.D. #
40)	L8 AR-1262-5	10.254f	0.000	38388	0	21.552	N.D. #
41)	L9 AR-1268-1	9.476	8.181	132003	14210	25.493	4.184 #
42)	L9 AR-1268-2	9.583f	0.000	63820	0	12.769	N.D. #
44)	L9 AR-1268-4	10.254f	0.000	38388	0	19.673	N.D. #

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Integration File signal 1: autoint1.e
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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
45) L9	AR-1268-5	10.663	8.998f	6576	8665	0.487	1.015 #

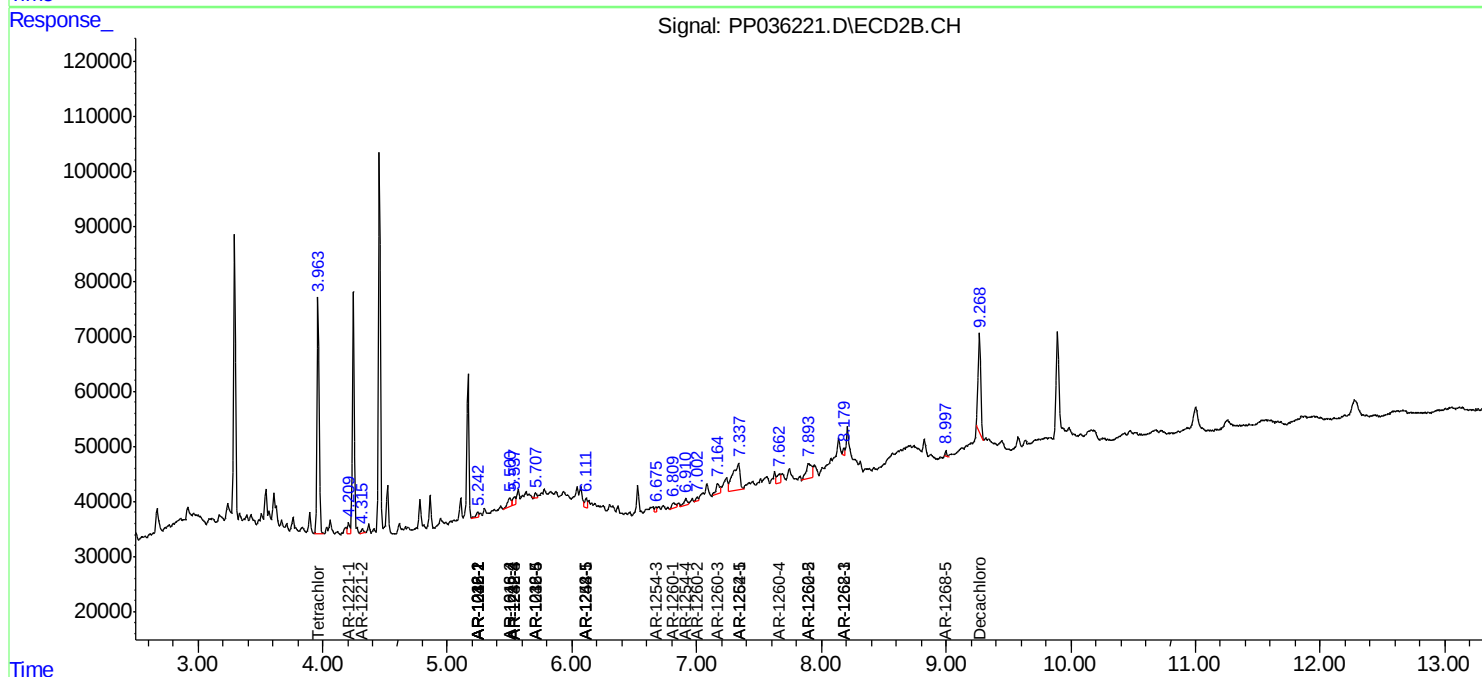
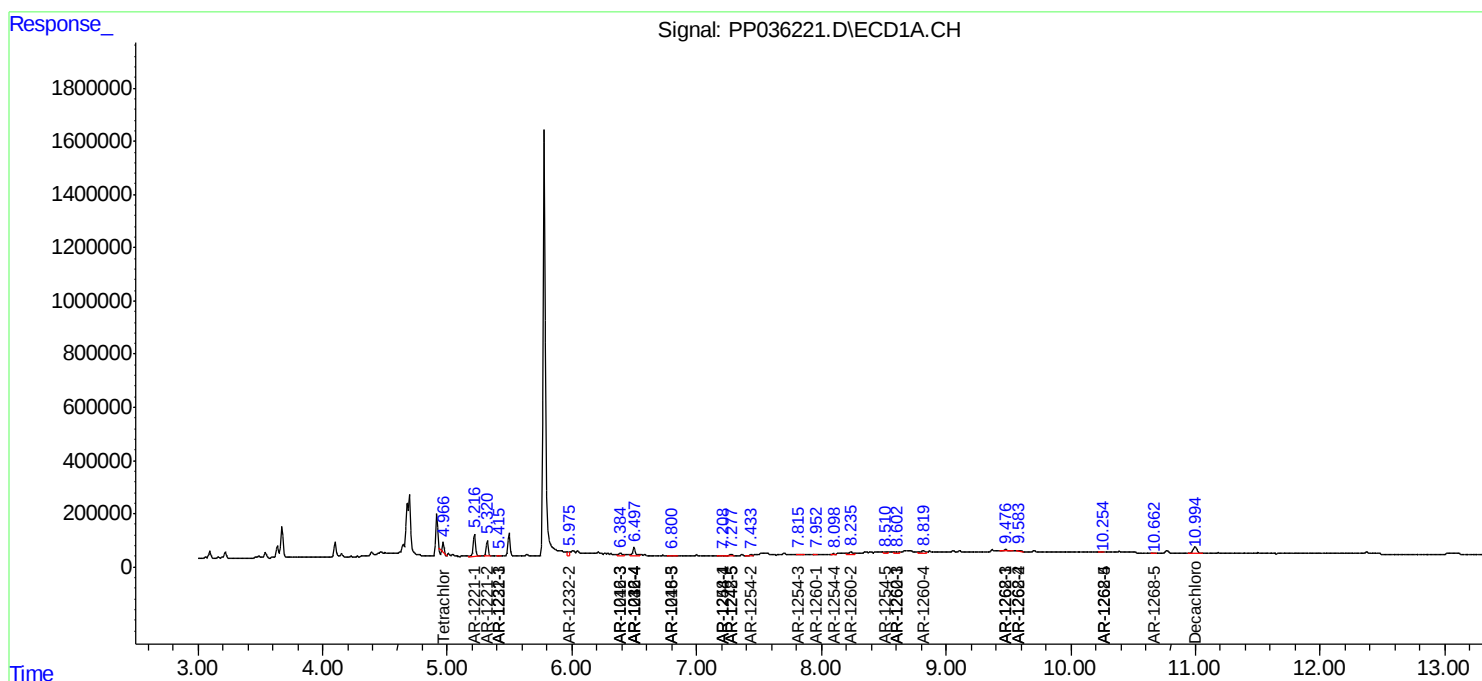
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

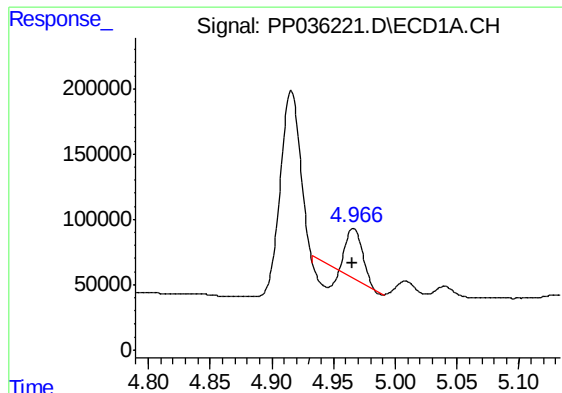
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP060421\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

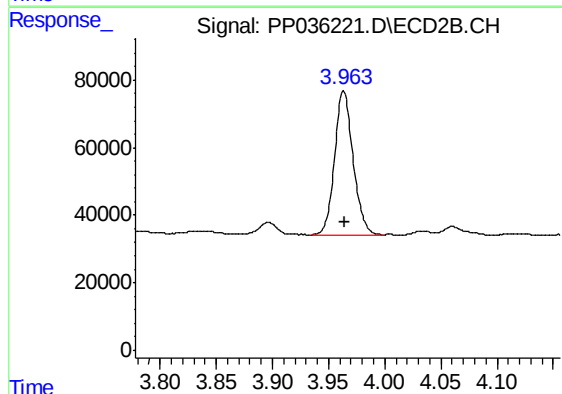




#1 Tetrachloro-m-xylene

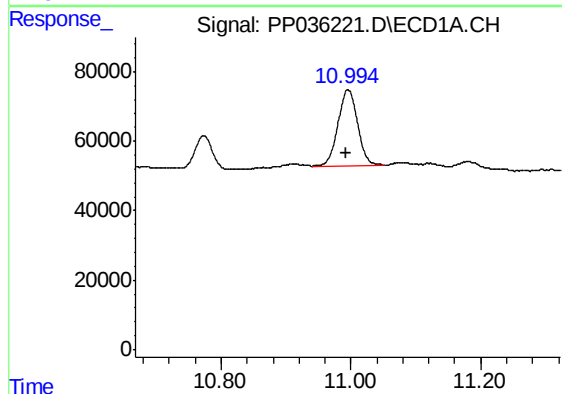
R.T.: 4.966 min
Delta R.T.: 0.001 min
Response: 250043
Conc: 5.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
54-57S



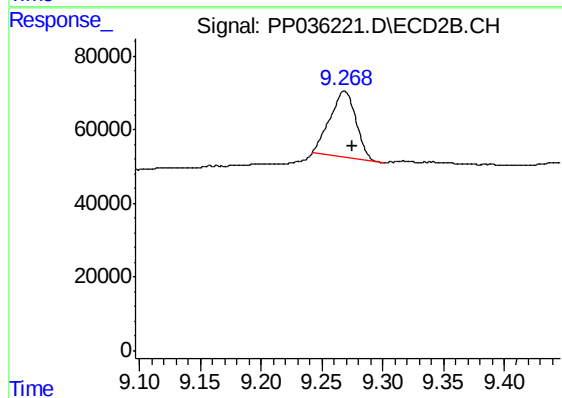
#1 Tetrachloro-m-xylene

R.T.: 3.963 min
Delta R.T.: -0.001 min
Response: 489469
Conc: 17.54 ng/ml



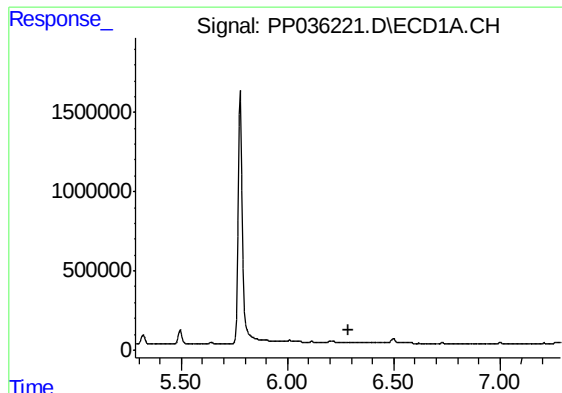
#2 Decachlorobiphenyl

R.T.: 10.995 min
Delta R.T.: 0.003 min
Response: 458320
Conc: 10.72 ng/ml



#2 Decachlorobiphenyl

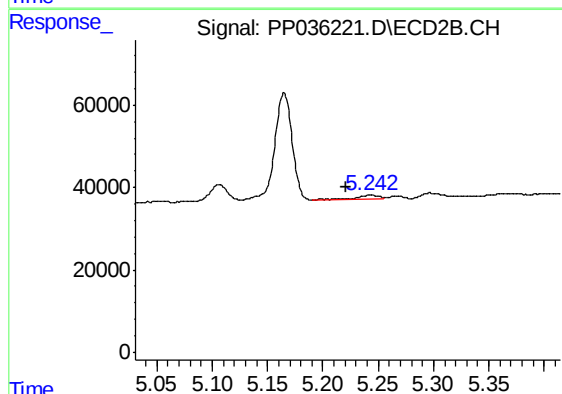
R.T.: 9.269 min
Delta R.T.: -0.006 min
Response: 268212
Conc: 11.69 ng/ml



#3 AR-1016-1

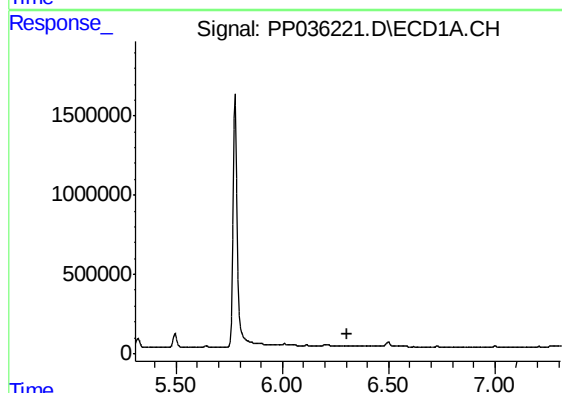
R.T.: 0.000 min
Exp R.T.: 6.284 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
54-57S



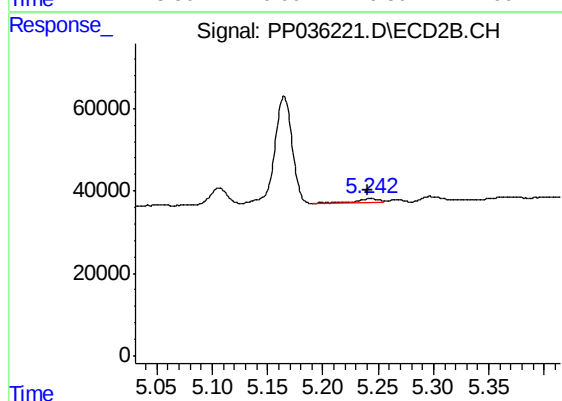
#3 AR-1016-1

R.T.: 5.243 min
Delta R.T.: 0.022 min
Response: 15584
Conc: 16.73 ng/ml



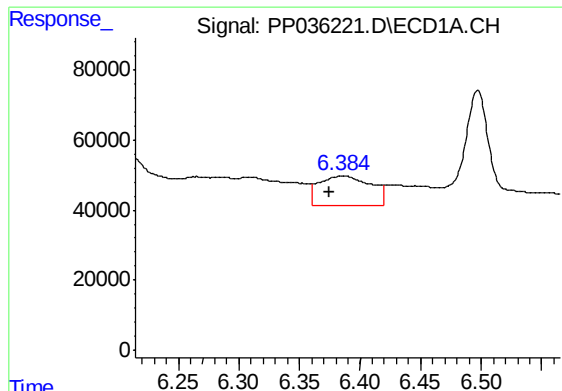
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.308 min
Response: 0
Conc: N.D.



#4 AR-1016-2

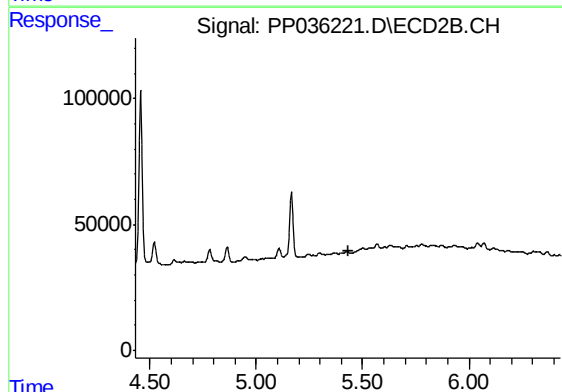
R.T.: 5.243 min
Delta R.T.: 0.002 min
Response: 15584
Conc: 11.93 ng/ml



#5 AR-1016-3

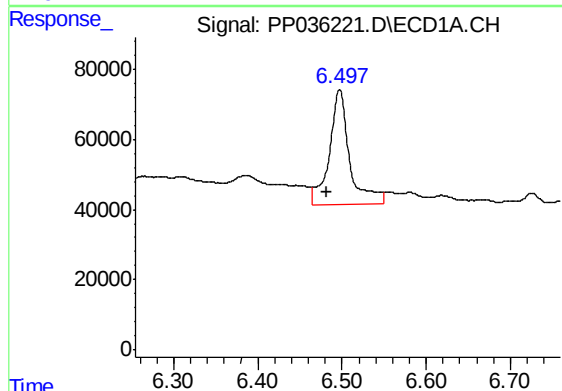
R.T.: 6.384 min
Delta R.T.: 0.010 min
Response: 247399
Conc: 170.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
54-57S



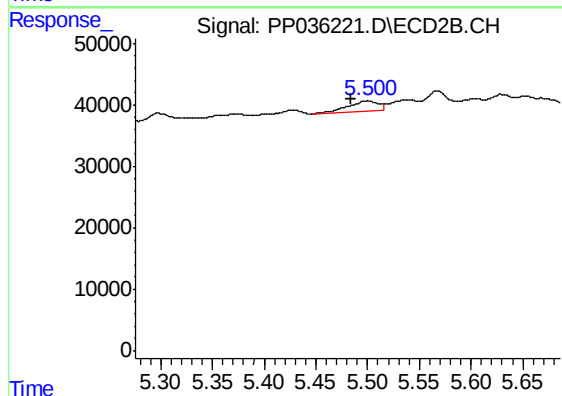
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.431 min
Response: 0
Conc: N.D.



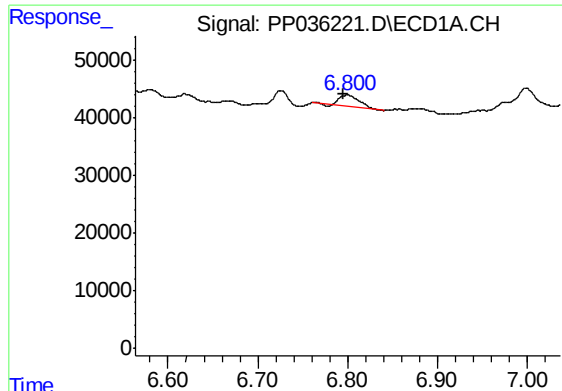
#6 AR-1016-4

R.T.: 6.497 min
Delta R.T.: 0.016 min
Response: 548273
Conc: 452.78 ng/ml



#6 AR-1016-4

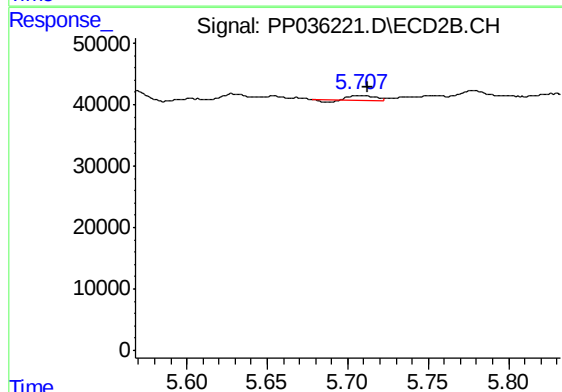
R.T.: 5.500 min
Delta R.T.: 0.015 min
Response: 32146
Conc: 60.51 ng/ml



#7 AR-1016-5

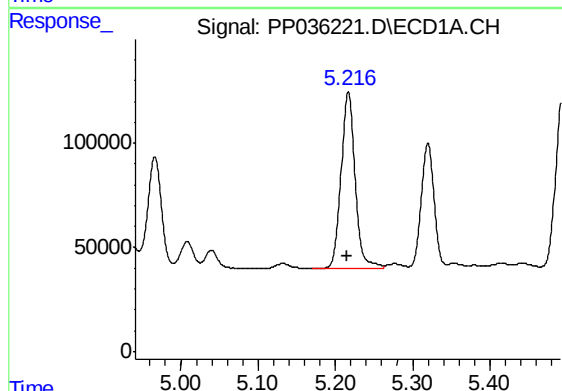
R.T.: 6.800 min
Delta R.T.: 0.004 min
Response: 31097
Conc: 26.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
54-57S



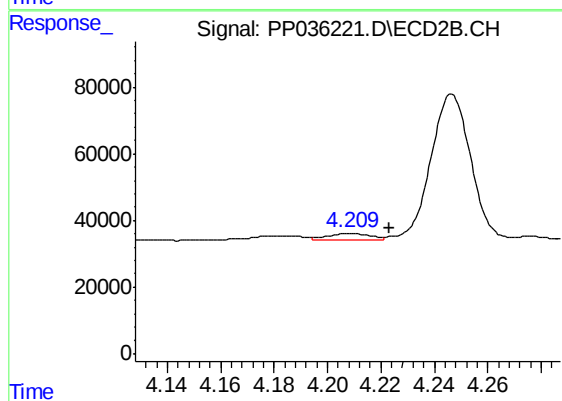
#7 AR-1016-5

R.T.: 5.708 min
Delta R.T.: -0.004 min
Response: 8532
Conc: 12.45 ng/ml



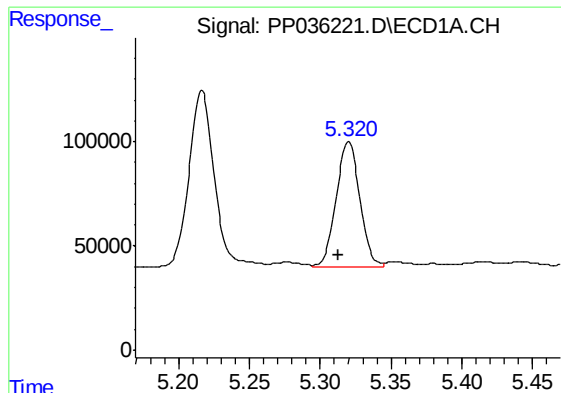
#8 AR-1221-1

R.T.: 5.216 min
Delta R.T.: 0.001 min
Response: 1064023
Conc: 1936.14 ng/ml



#8 AR-1221-1

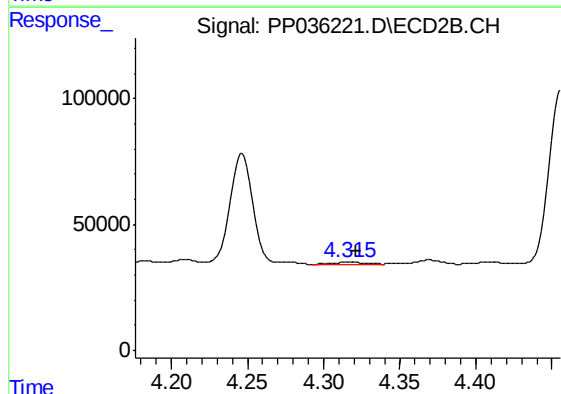
R.T.: 4.209 min
Delta R.T.: -0.014 min
Response: 23699
Conc: 74.60 ng/ml



#9 AR-1221-2

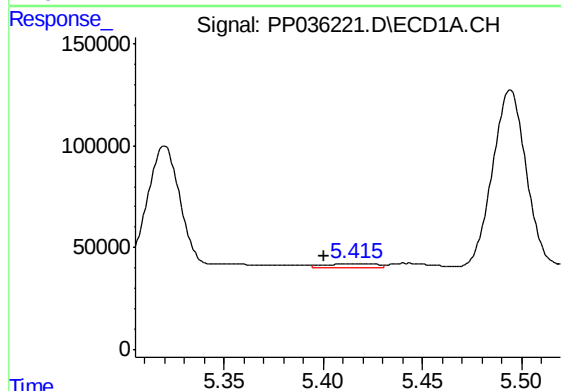
R.T.: 5.320 min
Delta R.T.: 0.007 min
Response: 701376
Conc: 1682.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
54-57S



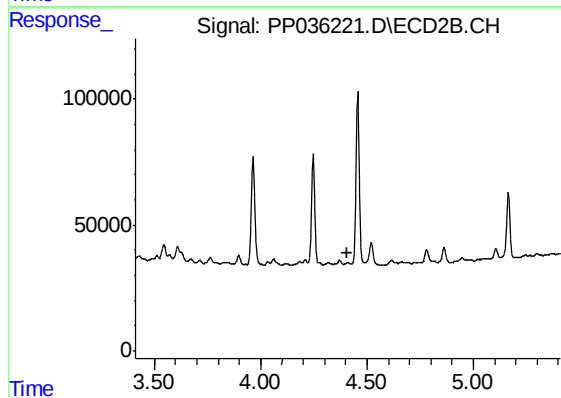
#9 AR-1221-2

R.T.: 4.316 min
Delta R.T.: -0.006 min
Response: 10278
Conc: 42.69 ng/ml



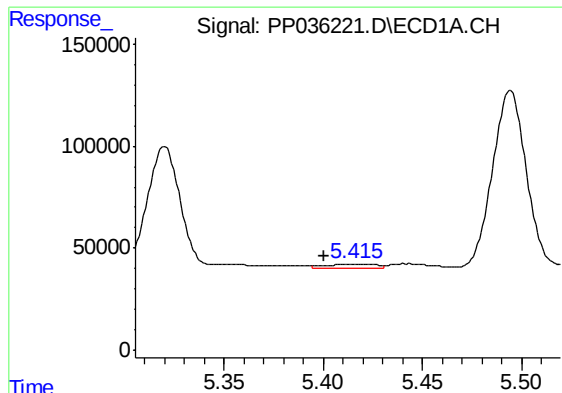
#10 AR-1221-3

R.T.: 5.416 min
Delta R.T.: 0.015 min
Response: 39373
Conc: 31.38 ng/ml



#10 AR-1221-3

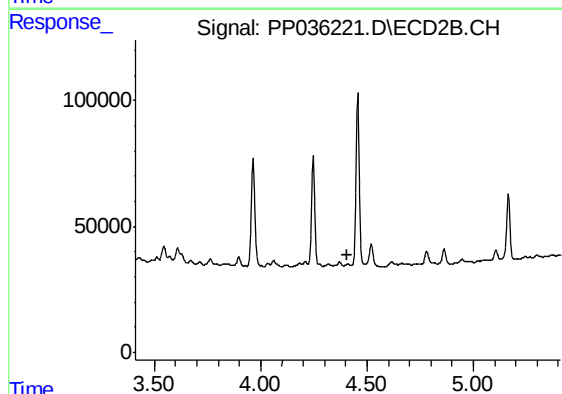
R.T.: 0.000 min
Exp R.T. : 4.410 min
Response: 0
Conc: N.D.



#11 AR-1232-1

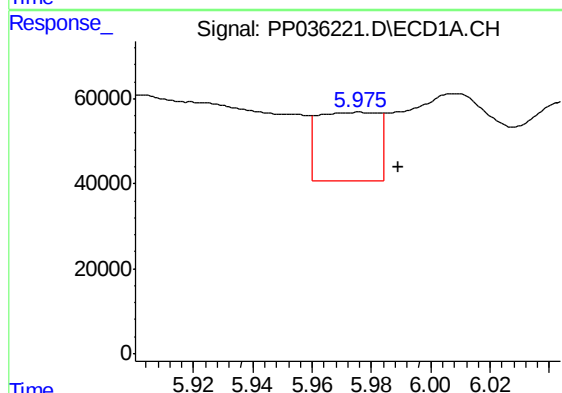
R.T.: 5.416 min
Delta R.T.: 0.015 min
Response: 39373
Conc: 40.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
54-57S



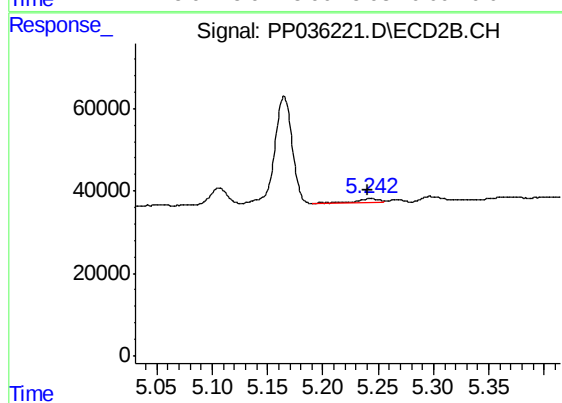
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.410 min
Response: 0
Conc: N.D.



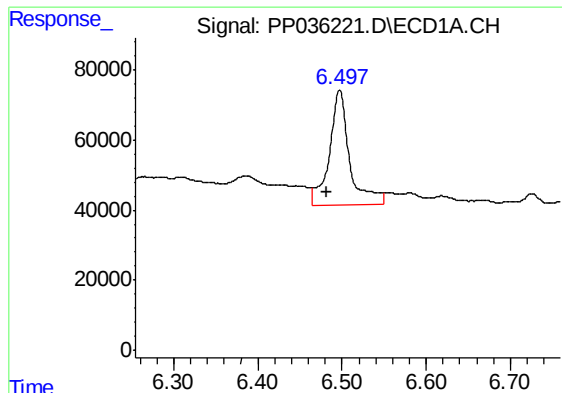
#12 AR-1232-2

R.T.: 5.976 min
Delta R.T.: -0.013 min
Response: 227477
Conc: 452.68 ng/ml



#12 AR-1232-2

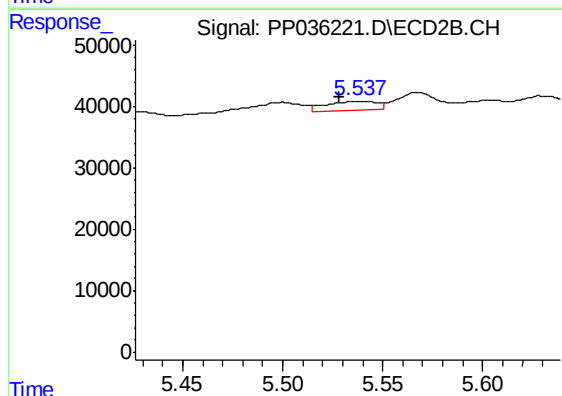
R.T.: 5.243 min
Delta R.T.: 0.002 min
Response: 15584
Conc: 29.73 ng/ml



#14 AR-1232-4

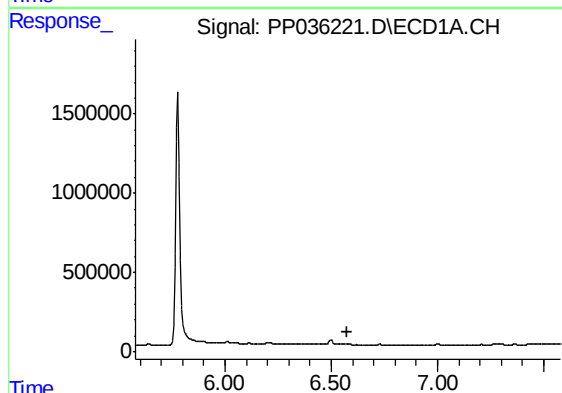
R.T.: 6.497 min
Delta R.T.: 0.016 min
Response: 548273
Conc: 1133.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
54-57S



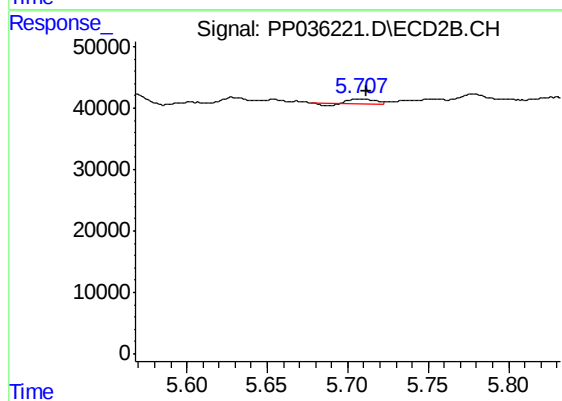
#14 AR-1232-4

R.T.: 5.537 min
Delta R.T.: 0.009 min
Response: 24632
Conc: 108.56 ng/ml



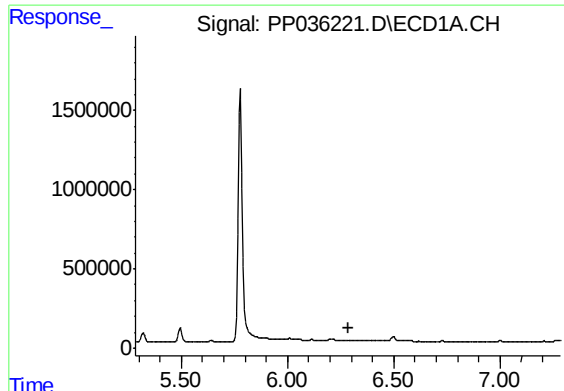
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.578 min
Response: 0
Conc: N.D.



#15 AR-1232-5

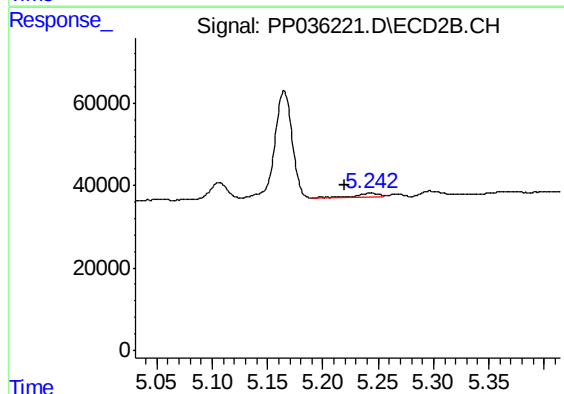
R.T.: 5.708 min
Delta R.T.: -0.004 min
Response: 8532
Conc: 34.24 ng/ml



#16 AR-1242-1

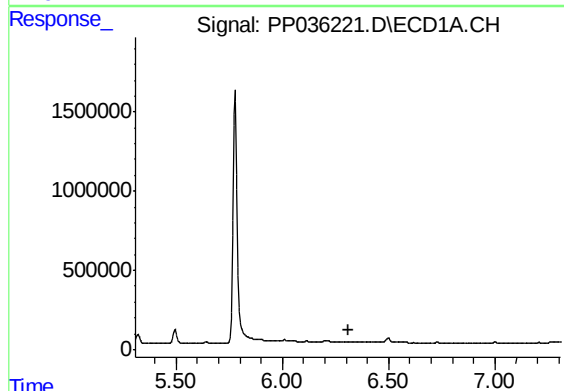
R.T.: 0.000 min
Exp R.T.: 6.284 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
54-57S



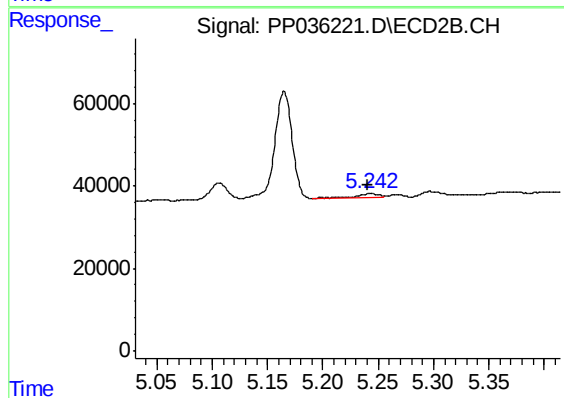
#16 AR-1242-1

R.T.: 5.243 min
Delta R.T.: 0.023 min
Response: 15584
Conc: 21.64 ng/ml



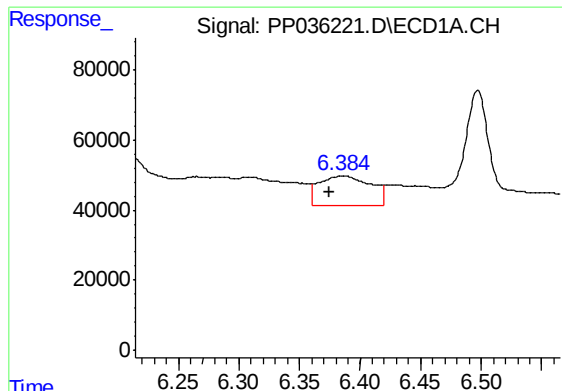
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 6.308 min
Response: 0
Conc: N.D.



#17 AR-1242-2

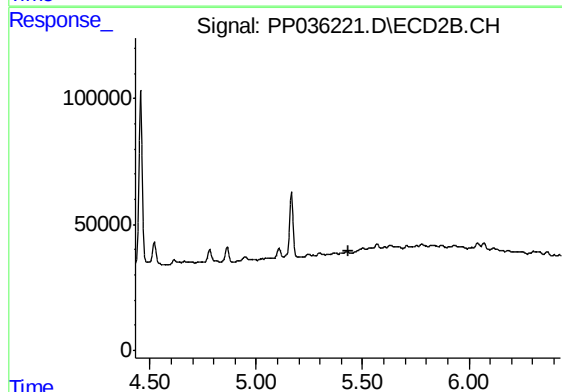
R.T.: 5.243 min
Delta R.T.: 0.002 min
Response: 15584
Conc: 15.93 ng/ml



#18 AR-1242-3

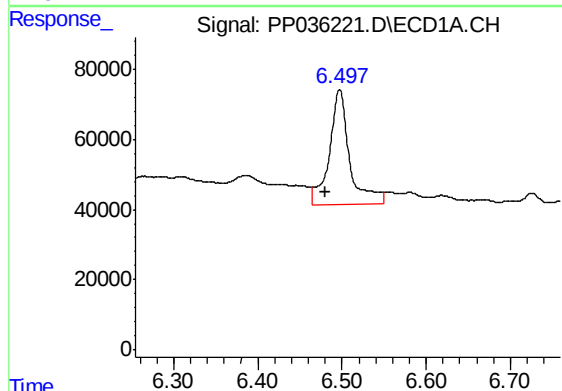
R.T.: 6.384 min
Delta R.T.: 0.010 min
Response: 247399
Conc: 225.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
54-57S



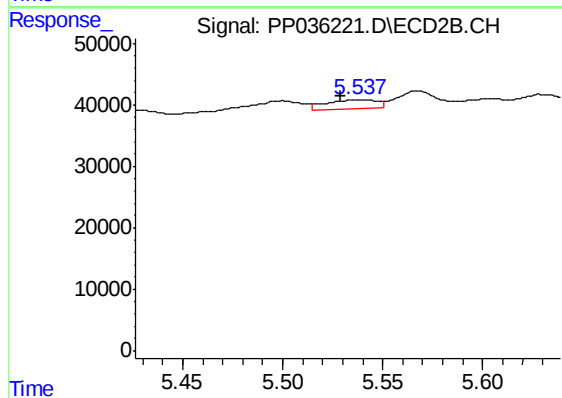
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.431 min
Response: 0
Conc: N.D.



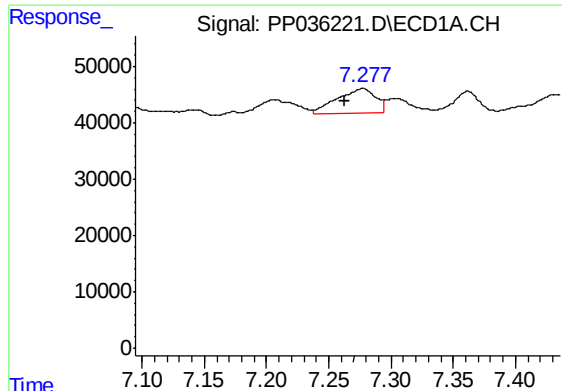
#19 AR-1242-4

R.T.: 6.497 min
Delta R.T.: 0.016 min
Response: 548273
Conc: 600.38 ng/ml



#19 AR-1242-4

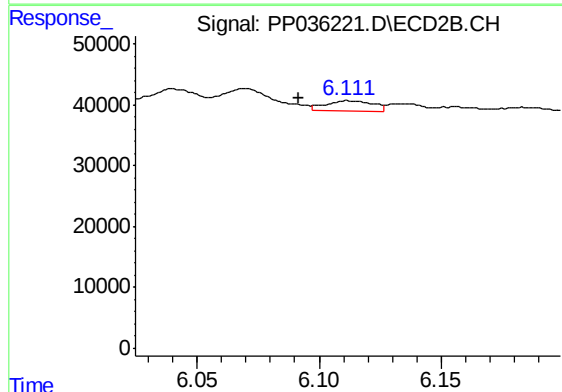
R.T.: 5.537 min
Delta R.T.: 0.008 min
Response: 24632
Conc: 49.91 ng/ml



#20 AR-1242-5

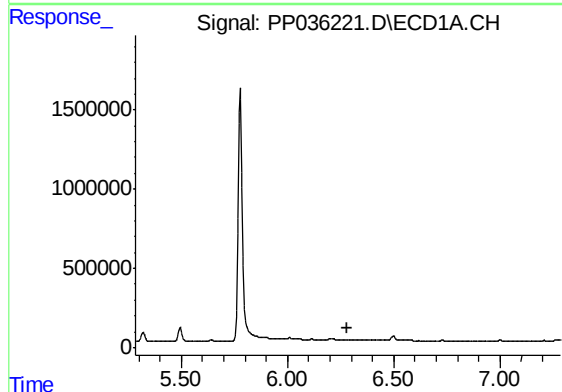
R.T.: 7.277 min
Delta R.T.: 0.015 min
Response: 95659
Conc: 100.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
54-57S



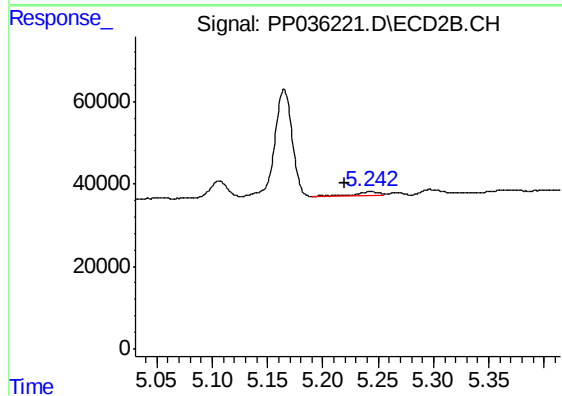
#20 AR-1242-5

R.T.: 6.112 min
Delta R.T.: 0.020 min
Response: 23270
Conc: 35.96 ng/ml



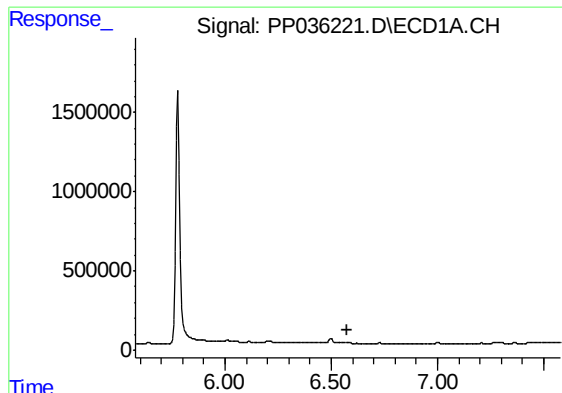
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 6.284 min
Response: 0
Conc: N.D.



#21 AR-1248-1

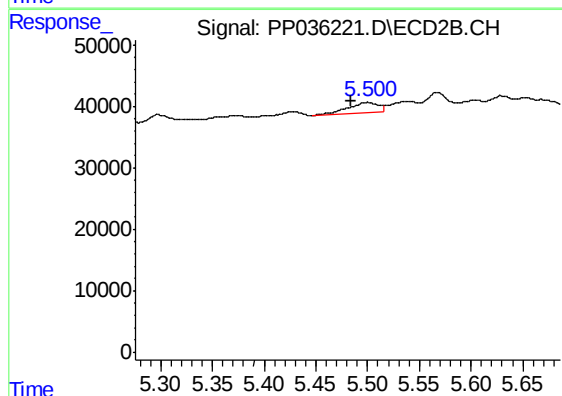
R.T.: 5.243 min
Delta R.T.: 0.023 min
Response: 15584
Conc: 29.05 ng/ml



#22 AR-1248-2

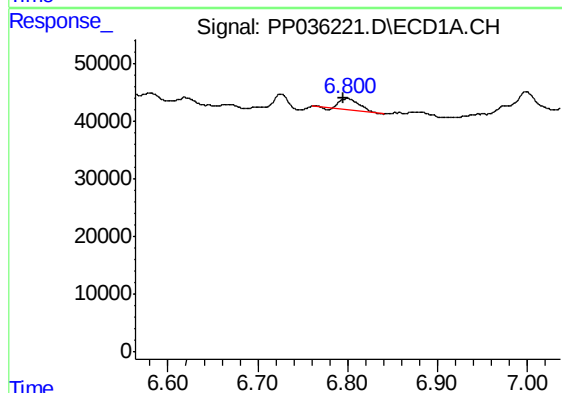
R.T.: 0.000 min
Exp R.T.: 6.578 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
54-57S



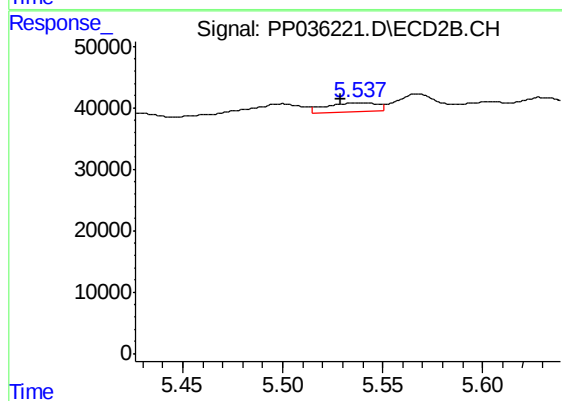
#22 AR-1248-2

R.T.: 5.500 min
Delta R.T.: 0.015 min
Response: 32146
Conc: 46.06 ng/ml



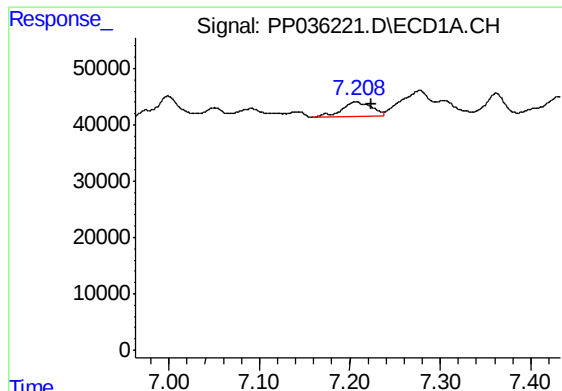
#23 AR-1248-3

R.T.: 6.800 min
Delta R.T.: 0.004 min
Response: 31097
Conc: 21.46 ng/ml



#23 AR-1248-3

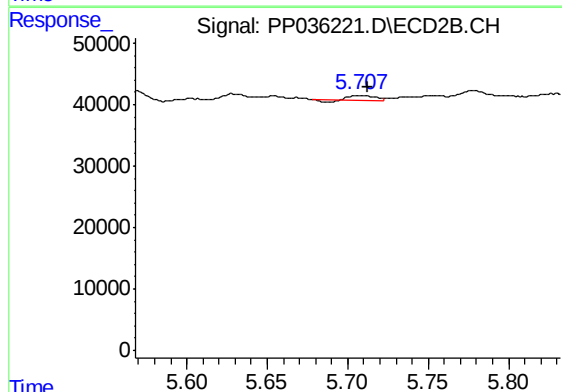
R.T.: 5.537 min
Delta R.T.: 0.009 min
Response: 24632
Conc: 34.23 ng/ml



#24 AR-1248-4

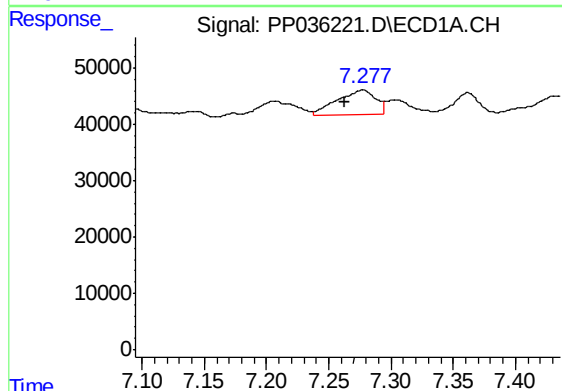
R.T.: 7.207 min
Delta R.T.: -0.017 min
Response: 61497
Conc: 38.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
54-57S



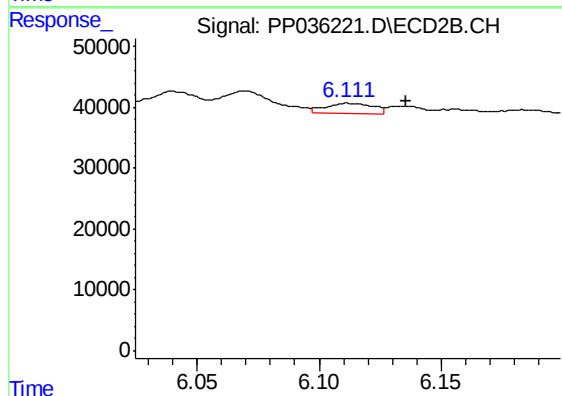
#24 AR-1248-4

R.T.: 5.708 min
Delta R.T.: -0.004 min
Response: 8532
Conc: 9.66 ng/ml



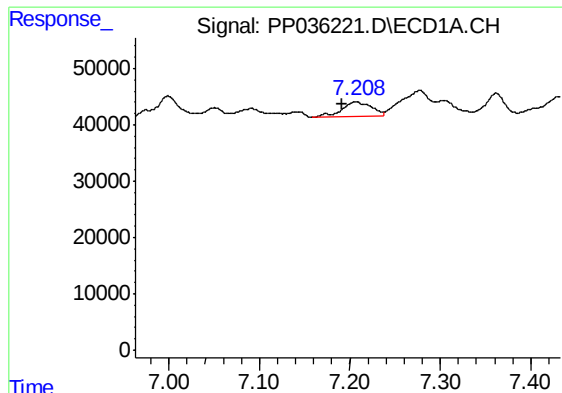
#25 AR-1248-5

R.T.: 7.277 min
Delta R.T.: 0.014 min
Response: 95659
Conc: 61.27 ng/ml



#25 AR-1248-5

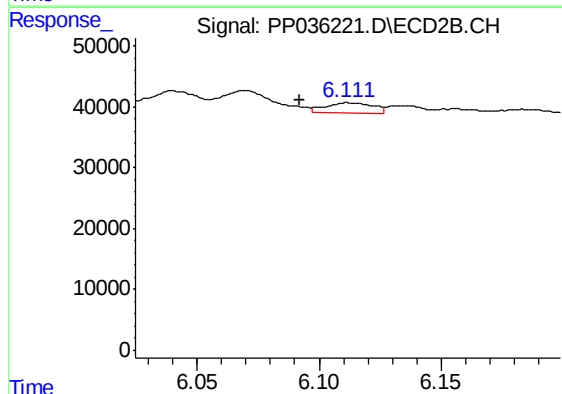
R.T.: 6.112 min
Delta R.T.: -0.024 min
Response: 23270
Conc: 26.46 ng/ml



#26 AR-1254-1

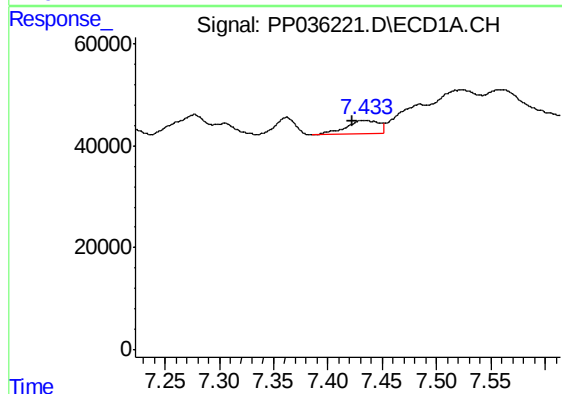
R.T.: 7.207 min
Delta R.T.: 0.015 min
Response: 61497
Conc: 37.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
54-57S



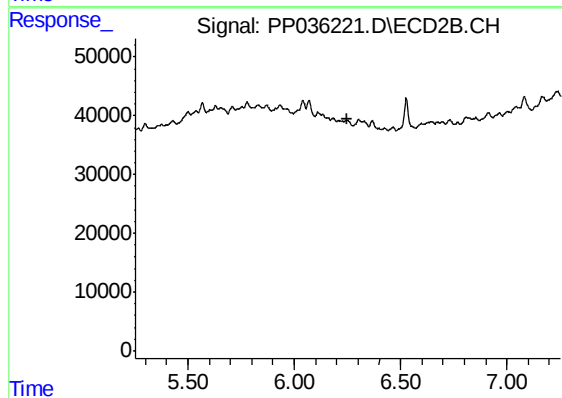
#26 AR-1254-1

R.T.: 6.112 min
Delta R.T.: 0.020 min
Response: 23270
Conc: 17.81 ng/ml



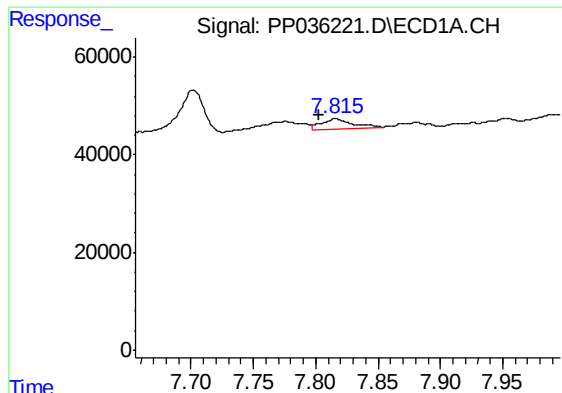
#27 AR-1254-2

R.T.: 7.432 min
Delta R.T.: 0.010 min
Response: 54271
Conc: 22.03 ng/ml



#27 AR-1254-2

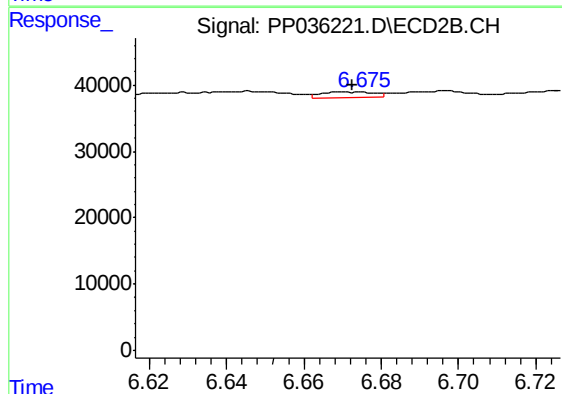
R.T.: 0.000 min
Exp R.T. : 6.253 min
Response: 0
Conc: N.D.



#28 AR-1254-3

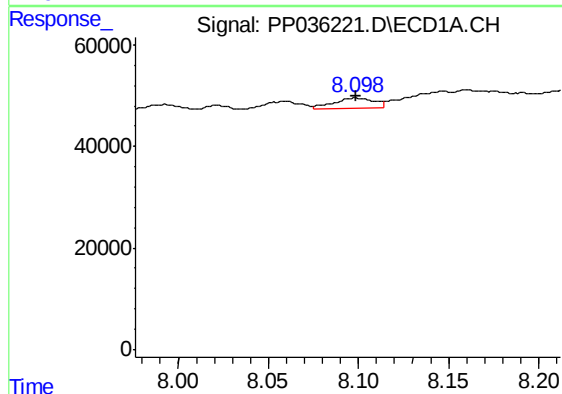
R.T.: 7.816 min
Delta R.T.: 0.013 min
Response: 36851
Conc: 13.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
54-57S



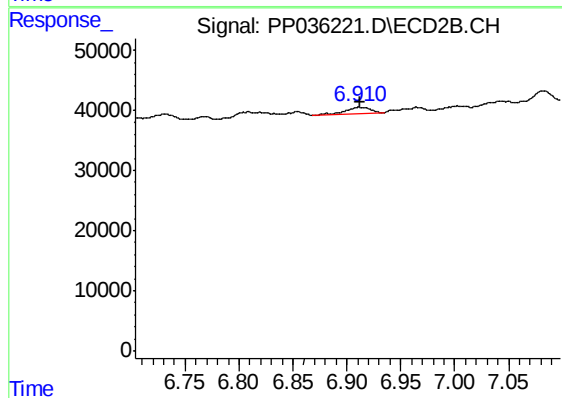
#28 AR-1254-3

R.T.: 6.675 min
Delta R.T.: 0.002 min
Response: 7774
Conc: 4.08 ng/ml



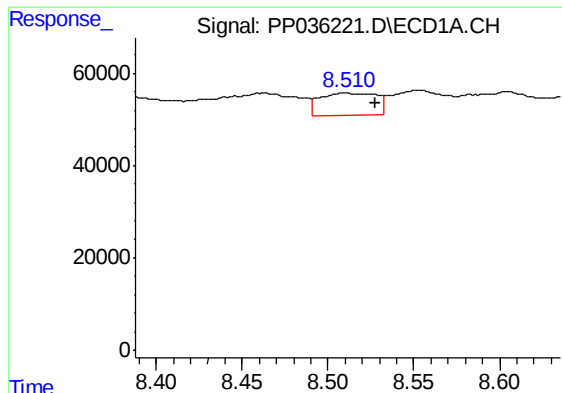
#29 AR-1254-4

R.T.: 8.098 min
Delta R.T.: -0.001 min
Response: 33727
Conc: 16.71 ng/ml



#29 AR-1254-4

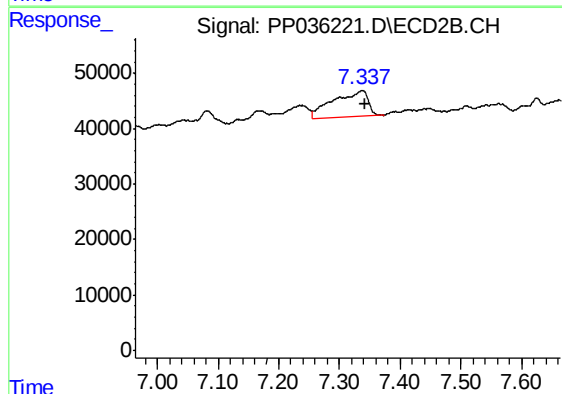
R.T.: 6.911 min
Delta R.T.: -0.001 min
Response: 18735
Conc: 15.69 ng/ml



#30 AR-1254-5

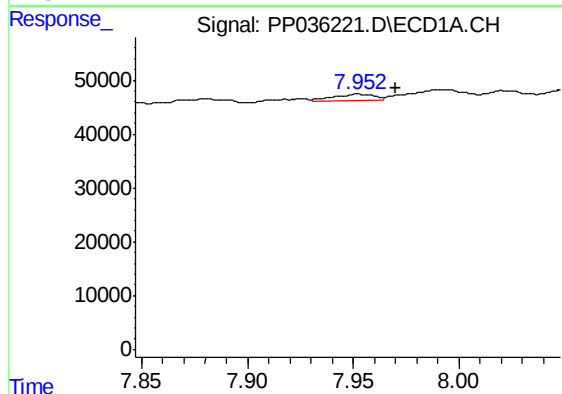
R.T.: 8.510 min
Delta R.T.: -0.018 min
Response: 112155
Conc: 49.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
54-57S



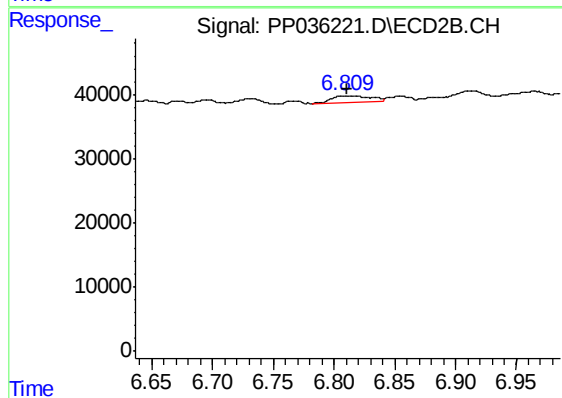
#30 AR-1254-5

R.T.: 7.337 min
Delta R.T.: -0.006 min
Response: 189110
Conc: 110.85 ng/ml



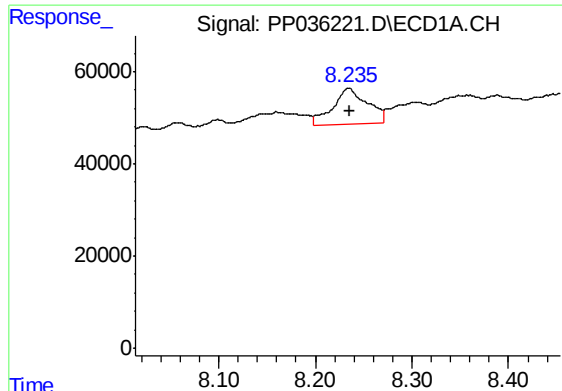
#31 AR-1260-1

R.T.: 7.952 min
Delta R.T.: -0.018 min
Response: 14917
Conc: 7.36 ng/ml



#31 AR-1260-1

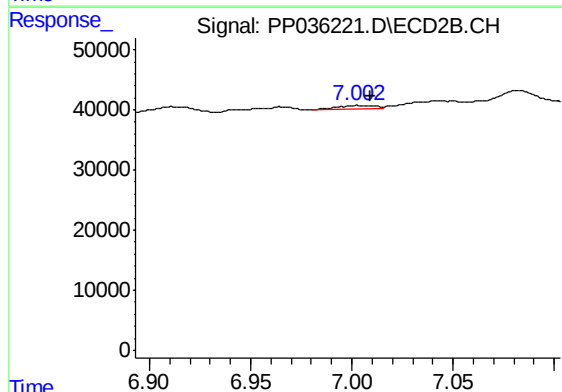
R.T.: 6.809 min
Delta R.T.: -0.003 min
Response: 21931
Conc: 17.58 ng/ml



#32 AR-1260-2

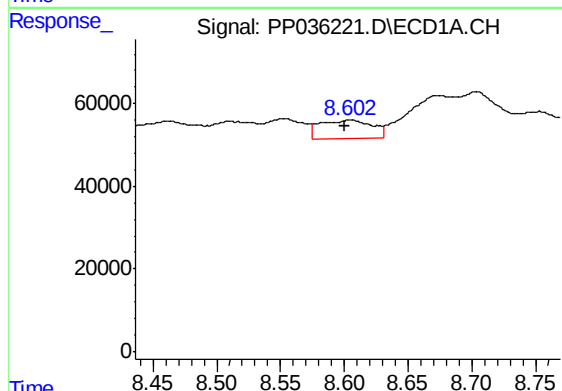
R.T.: 8.234 min
Delta R.T.: -0.001 min
Response: 195673
Conc: 80.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
54-57S



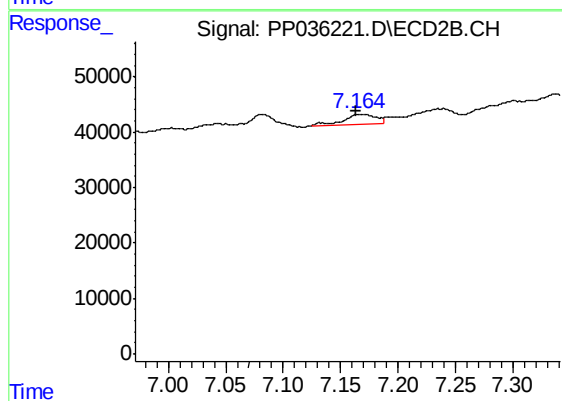
#32 AR-1260-2

R.T.: 7.003 min
Delta R.T.: -0.006 min
Response: 9004
Conc: 5.98 ng/ml



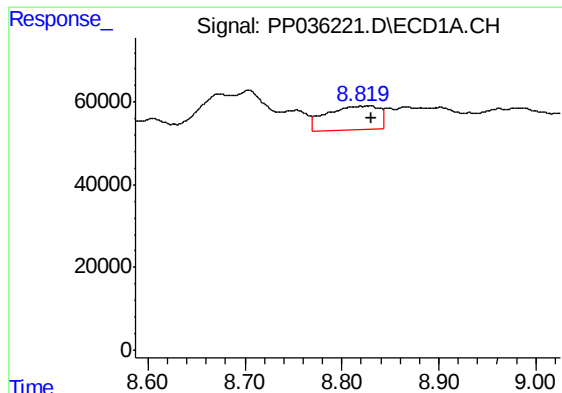
#33 AR-1260-3

R.T.: 8.605 min
Delta R.T.: 0.004 min
Response: 125420
Conc: 67.54 ng/ml



#33 AR-1260-3

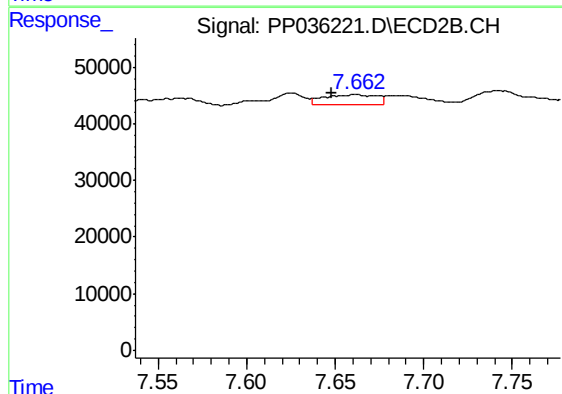
R.T.: 7.166 min
Delta R.T.: 0.002 min
Response: 36912
Conc: 26.26 ng/ml



#34 AR-1260-4

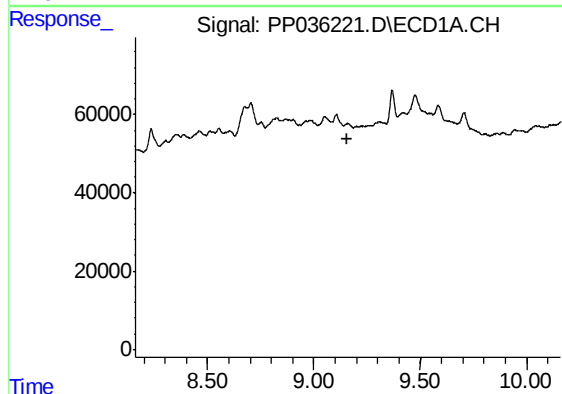
R.T.: 8.820 min
Delta R.T.: -0.011 min
Response: 216221
Conc: 96.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
54-57S



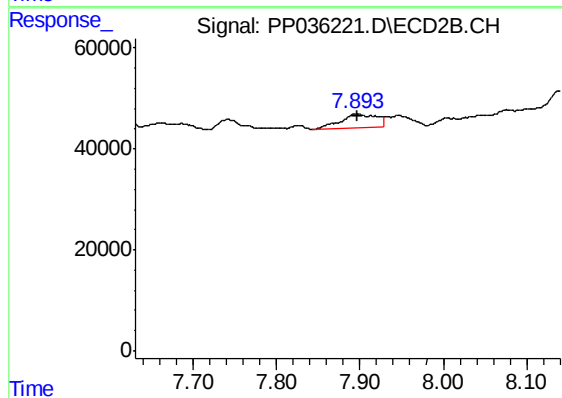
#34 AR-1260-4

R.T.: 7.662 min
Delta R.T.: 0.013 min
Response: 36176
Conc: 30.94 ng/ml



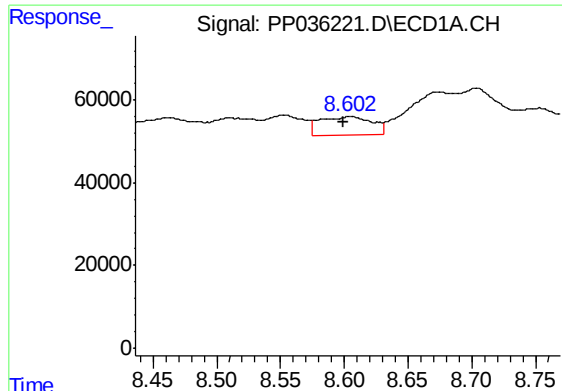
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 9.160 min
Response: 0
Conc: N.D.



#35 AR-1260-5

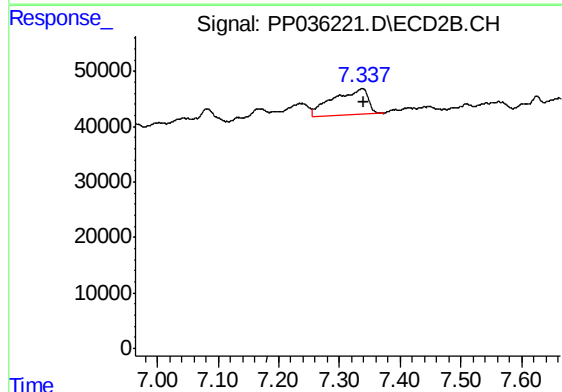
R.T.: 7.894 min
Delta R.T.: -0.003 min
Response: 85755
Conc: 30.98 ng/ml



#36 AR-1262-1

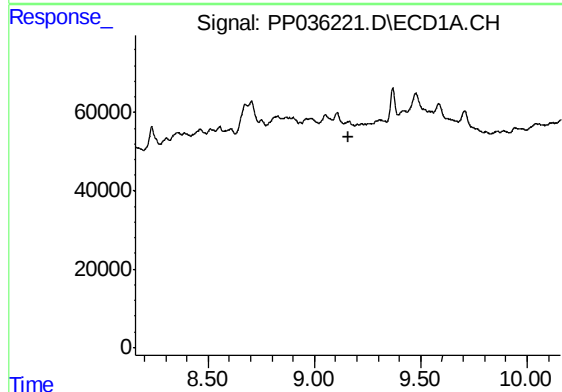
R.T.: 8.605 min
Delta R.T.: 0.005 min
Response: 125420
Conc: 49.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
54-57S



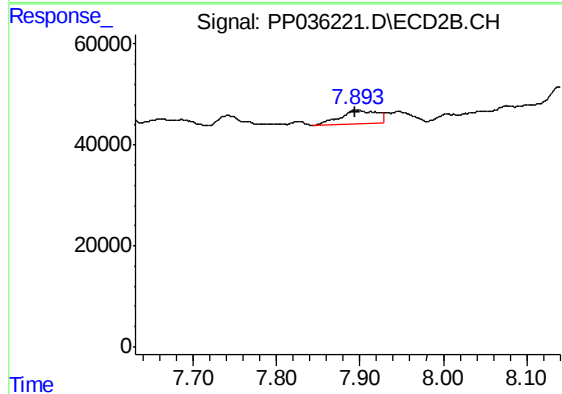
#36 AR-1262-1

R.T.: 7.337 min
Delta R.T.: -0.004 min
Response: 189110
Conc: 209.18 ng/ml



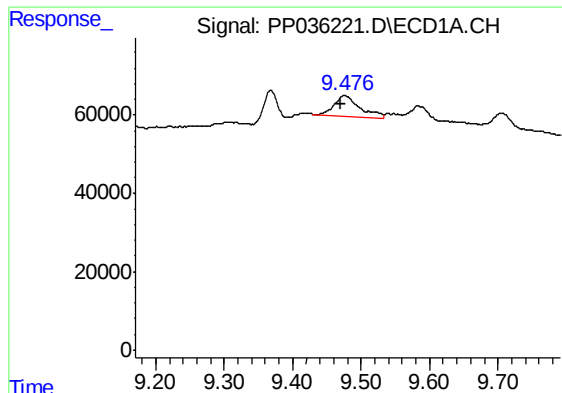
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 9.158 min
Response: 0
Conc: N.D.



#37 AR-1262-2

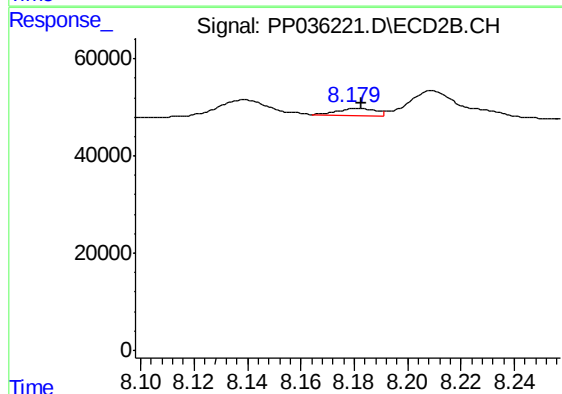
R.T.: 7.894 min
Delta R.T.: 0.000 min
Response: 85755
Conc: 28.80 ng/ml



#38 AR-1262-3

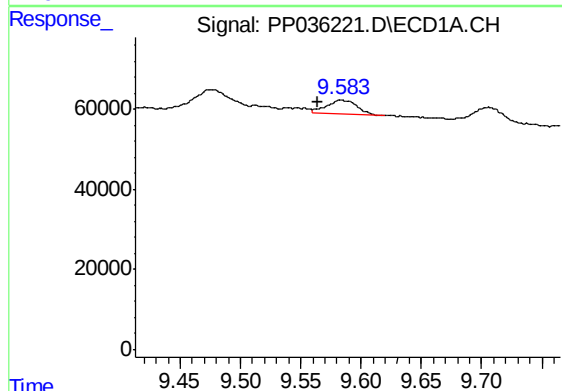
R.T.: 9.476 min
Delta R.T.: 0.006 min
Response: 132003
Conc: 40.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
54-57S



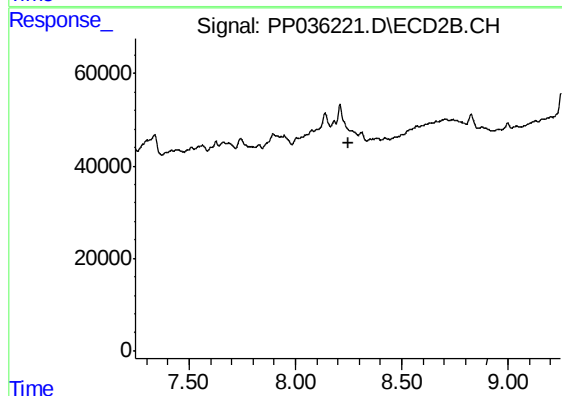
#38 AR-1262-3

R.T.: 8.181 min
Delta R.T.: -0.002 min
Response: 14210
Conc: 11.96 ng/ml



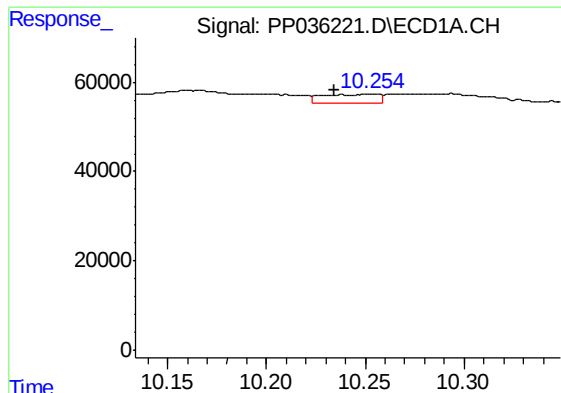
#39 AR-1262-4

R.T.: 9.583 min
Delta R.T.: 0.019 min
Response: 63820
Conc: 23.80 ng/ml



#39 AR-1262-4

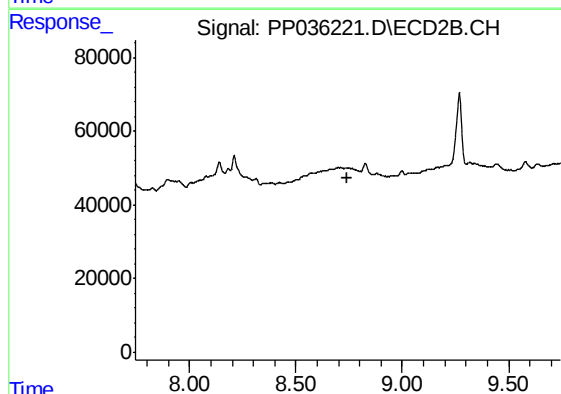
R.T.: 0.000 min
Exp R.T. : 8.247 min
Response: 0
Conc: N.D.



#40 AR-1262-5

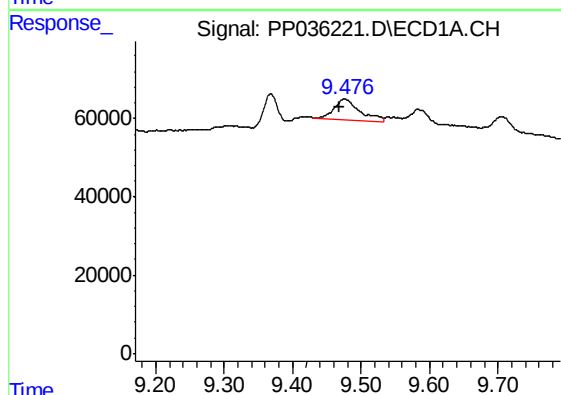
R.T.: 10.254 min
Delta R.T.: 0.019 min
Response: 38388
Conc: 21.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
54-57S



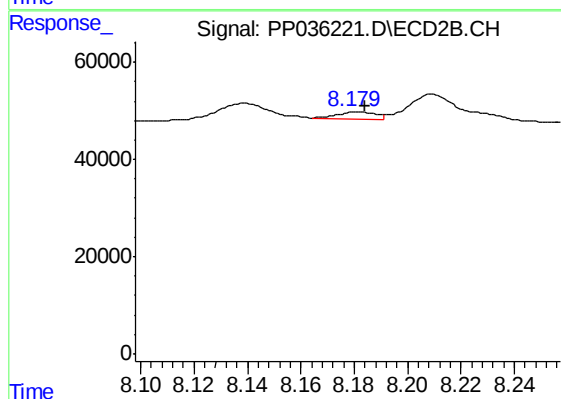
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.744 min
Response: 0
Conc: N.D.



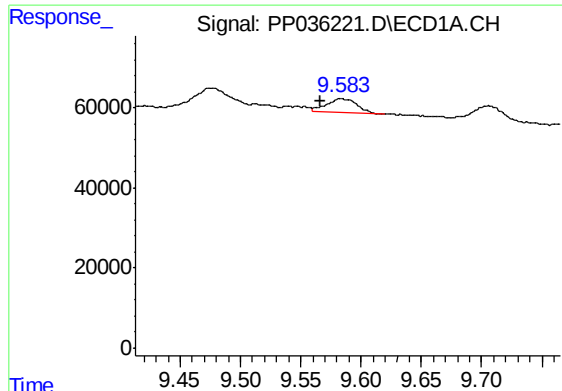
#41 AR-1268-1

R.T.: 9.476 min
Delta R.T.: 0.006 min
Response: 132003
Conc: 25.49 ng/ml



#41 AR-1268-1

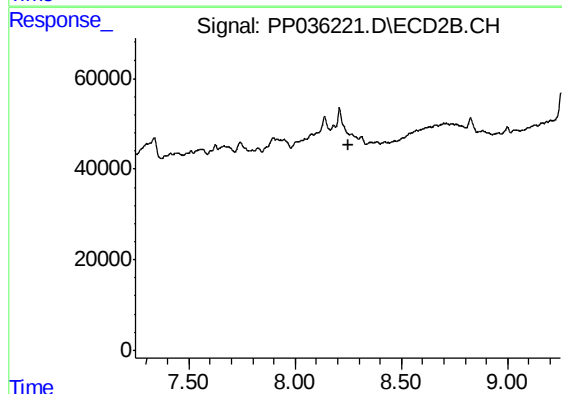
R.T.: 8.181 min
Delta R.T.: -0.003 min
Response: 14210
Conc: 4.18 ng/ml



#42 AR-1268-2

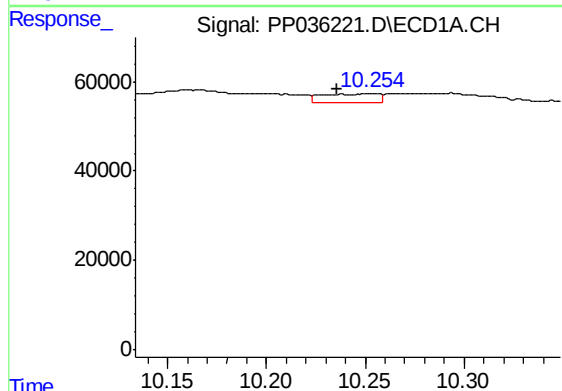
R.T.: 9.583 min
Delta R.T.: 0.017 min
Response: 63820
Conc: 12.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
54-57S



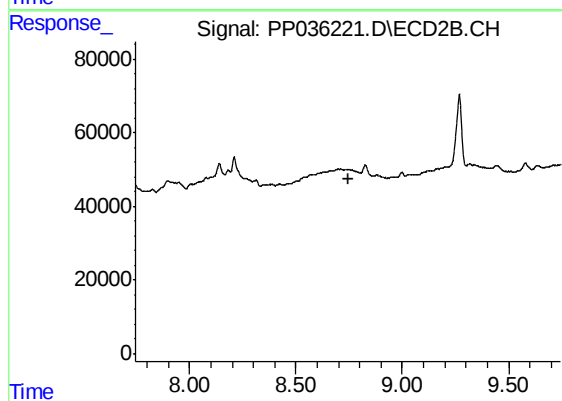
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.249 min
Response: 0
Conc: N.D.



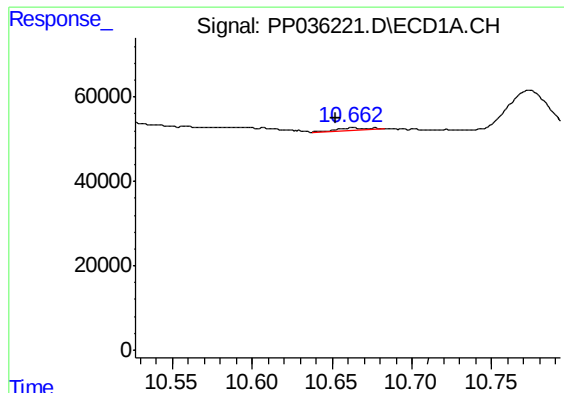
#44 AR-1268-4

R.T.: 10.254 min
Delta R.T.: 0.018 min
Response: 38388
Conc: 19.67 ng/ml



#44 AR-1268-4

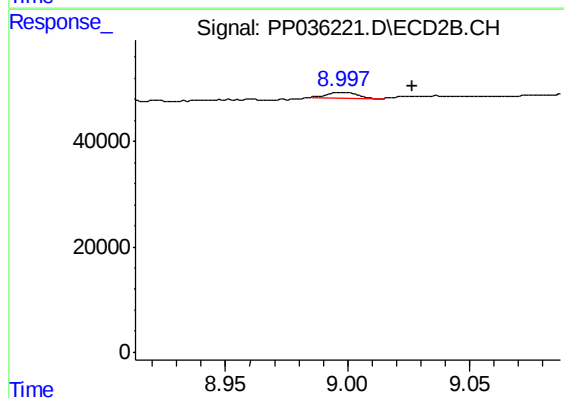
R.T.: 0.000 min
Exp R.T. : 8.745 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.663 min
Delta R.T.: 0.011 min
Response: 6576
Conc: 0.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
54-57S



#45 AR-1268-5

R.T.: 8.998 min
Delta R.T.: -0.029 min
Response: 8665
Conc: 1.01 ng/ml