

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101323\
 Data File : PP060985.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2023 01:22
 Operator : YP\AJ
 Sample : 04699-01
 Misc : AR1232 LOD 40 PPB
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 13:41:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP101323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 14 13:32:01 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	4.552	3.687	53418875	32172528	24.300	23.796
2)	SA Decachlor...	10.512	8.756	40756251	35803400	26.026	23.813
Target Compounds							
3)	L1 AR-1016-1	5.744	4.787	1376489	960612	19.174	18.458
4)	L1 AR-1016-2	5.767	4.806	1992887	1332912	19.430	18.611
5)	L1 AR-1016-3	5.830	4.983	1195766	727303	19.135	17.999
6)	L1 AR-1016-4	5.931	5.026	995319	484766	19.484	14.987
7)	L1 AR-1016-5	6.230	5.242	909180	759278	17.983	18.185
8)	L2 AR-1221-1	4.763	3.905	654131	657478	23.288	32.233 #
9)	L2 AR-1221-2	4.864	3.991	1399308	903294	67.374	61.490
10)	L2 AR-1221-3	4.930	4.068	2067068	1445675	33.497	34.470
11)	L3 AR-1232-1	4.930	4.068	2067068	1445675	40.861	41.863
12)	L3 AR-1232-2	5.471	4.806	1058455	1332912	39.683	40.306
13)	L3 AR-1232-3	5.767	4.983	1992887	727303	42.467	39.249
14)	L3 AR-1232-4	5.931	5.069	995319	547327	42.542	32.582
15)	L3 AR-1232-5	6.022	5.242	880723	759278	45.192	40.420
16)	L4 AR-1242-1	5.744	4.787	1376489	960612	24.502	23.796
17)	L4 AR-1242-2	5.767	4.806	1992887	1332912	25.052	24.344
18)	L4 AR-1242-3	5.830	4.983	1195766	727303	24.087	23.412
19)	L4 AR-1242-4	5.931	5.069	995319	547327	24.917	17.421 #
20)	L4 AR-1242-5	6.678	5.596	1042218	805502	25.686	20.601
21)	L5 AR-1248-1	5.744	4.787	1376489	960612	31.701	31.114
22)	L5 AR-1248-2	6.022	5.026	880723	484766	13.621	11.066
23)	L5 AR-1248-3	6.230	5.069	909180	547327	12.948	11.807
24)	L5 AR-1248-4	6.639	5.242	992668	759278	12.992	13.735
25)	L5 AR-1248-5	6.678	5.638	1042218	669053	14.124	12.834
26)	L6 AR-1254-1	6.611	5.596	656201	805502	8.297	10.426 #
27)	L6 AR-1254-2	6.838	0.000	922219	0	7.741	N.D. #
28)	L6 AR-1254-3	7.205	0.000	1227560	0	10.034	N.D. #
29)	L6 AR-1254-4	7.493	0.000	434659	0	4.938	N.D. #
30)	L6 AR-1254-5	7.914	0.000	138416	0	1.394	N.D. #
32)	L7 AR-1260-2	7.644	6.458	170283	234429	1.568	2.381 #
33)	L7 AR-1260-3	7.992	0.000	228271	0	3.284	N.D. #
35)	L7 AR-1260-5	8.583f	0.000	291714	0	1.808	N.D. #
36)	L8 AR-1262-1	7.992	0.000	228271	0	1.817	N.D. #
37)	L8 AR-1262-2	8.583f	0.000	291714	0	1.318	N.D. #
38)	L8 AR-1262-3	8.883	7.635	154980	30515	1.032	0.364 #
39)	L8 AR-1262-4	8.974	0.000	90259	0	0.798	N.D. #
41)	L9 AR-1268-1	8.883	7.635	154980	30515	0.595	0.127 #
42)	L9 AR-1268-2	9.009	0.000	53512	0	0.228	N.D. #
45)	L9 AR-1268-5	0.000	8.493	0	297858	N.D.	0.539 #

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Integration File signal 1: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP101323.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 14 13:32:01 2023
Response via : Initial Calibration
Integrator: ChemStation

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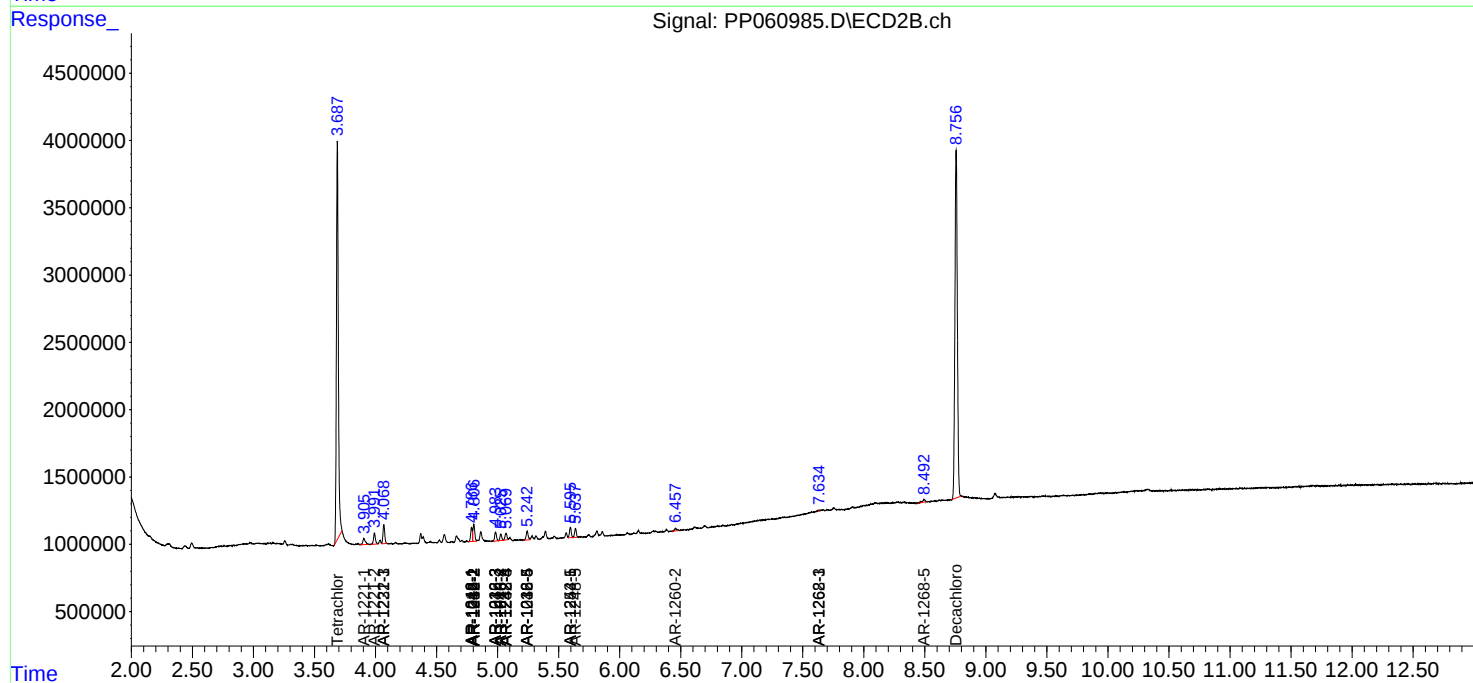
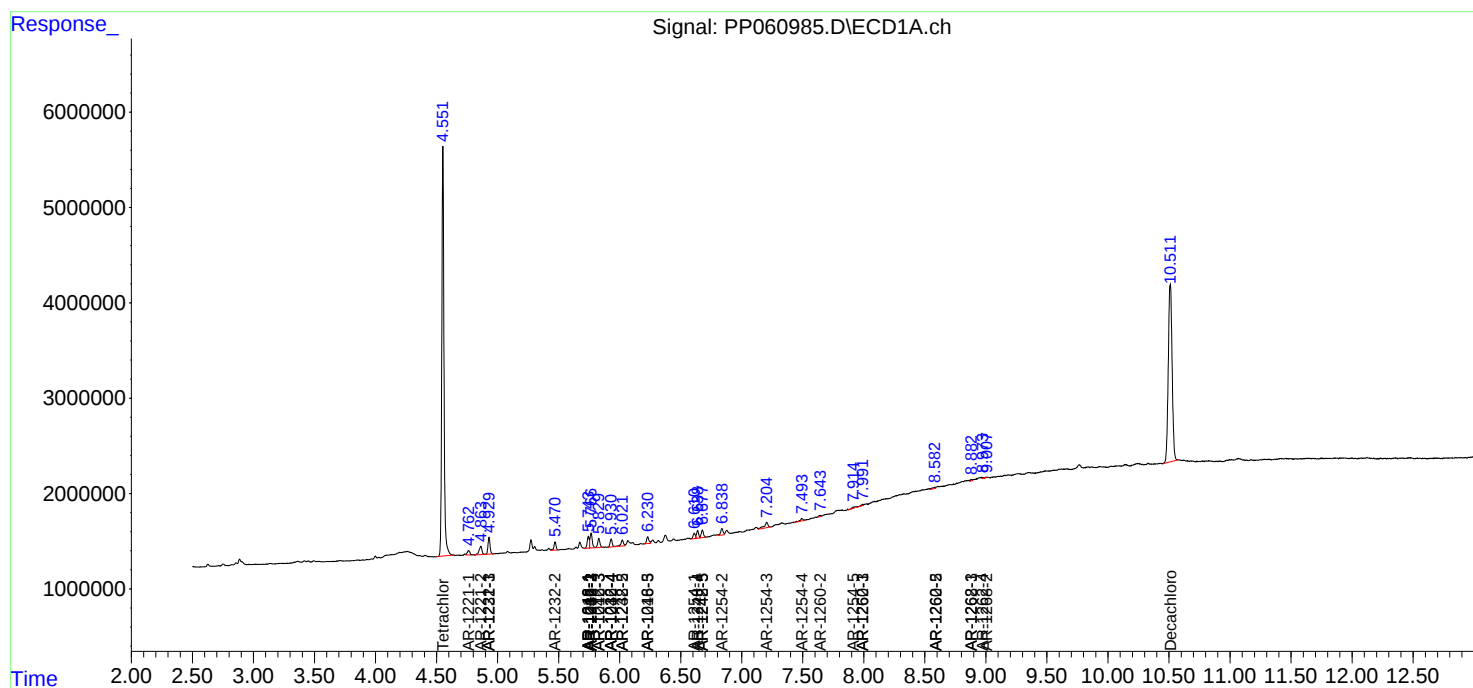
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

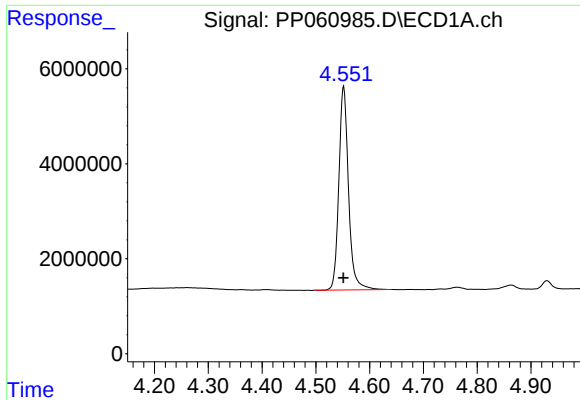
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101323\
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

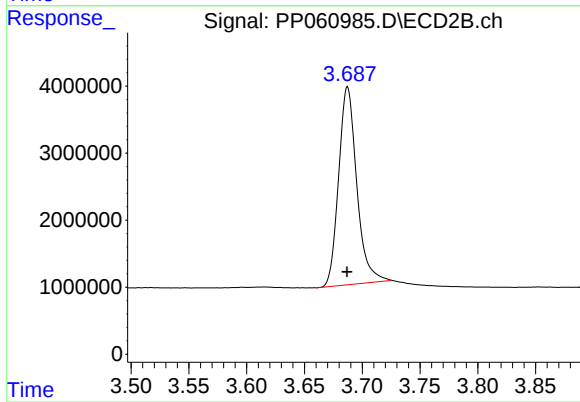




#1 Tetrachloro-m-xylene

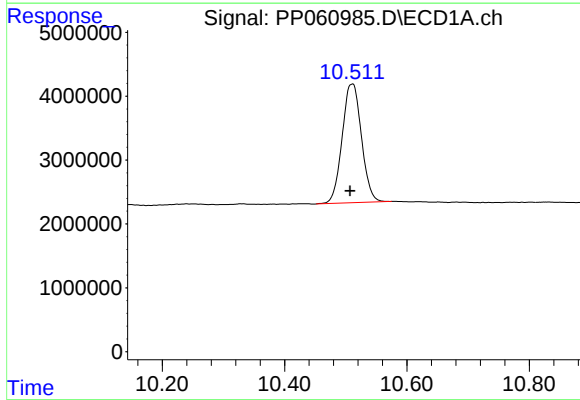
R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 53418875
Conc: 24.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



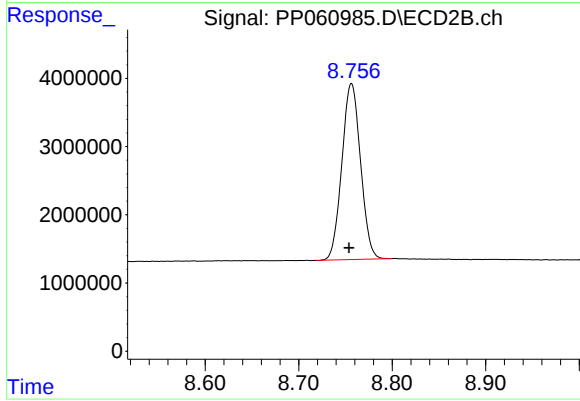
#1 Tetrachloro-m-xylene

R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 32172528
Conc: 23.80 ng/ml



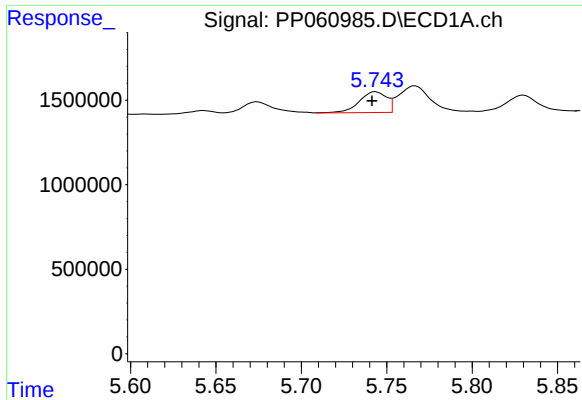
#2 Decachlorobiphenyl

R.T.: 10.512 min
Delta R.T.: 0.004 min
Response: 40756251
Conc: 26.03 ng/ml



#2 Decachlorobiphenyl

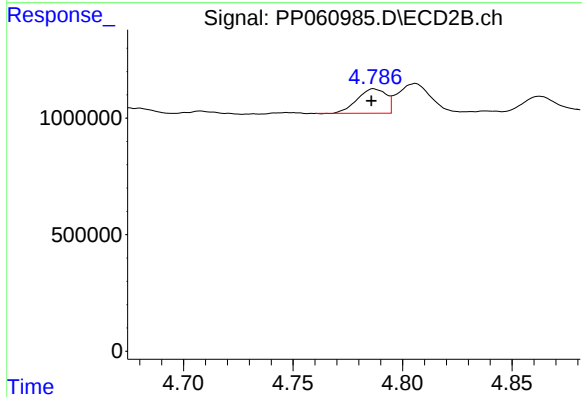
R.T.: 8.756 min
Delta R.T.: 0.003 min
Response: 35803400
Conc: 23.81 ng/ml



#3 AR-1016-1

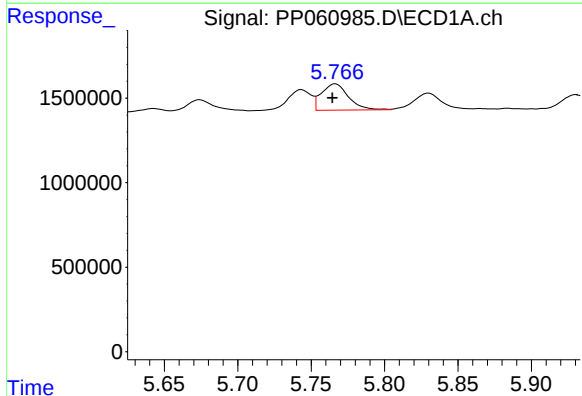
R.T.: 5.744 min
Delta R.T.: 0.002 min
Response: 1376489
Conc: 19.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



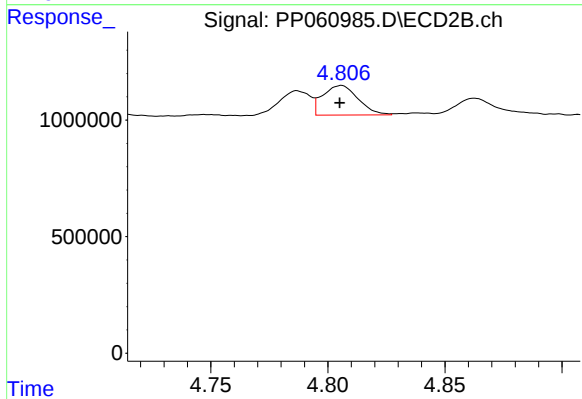
#3 AR-1016-1

R.T.: 4.787 min
Delta R.T.: 0.000 min
Response: 960612
Conc: 18.46 ng/ml



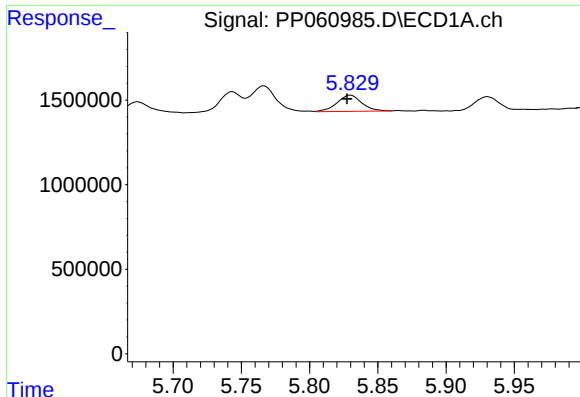
#4 AR-1016-2

R.T.: 5.767 min
Delta R.T.: 0.002 min
Response: 1992887
Conc: 19.43 ng/ml



#4 AR-1016-2

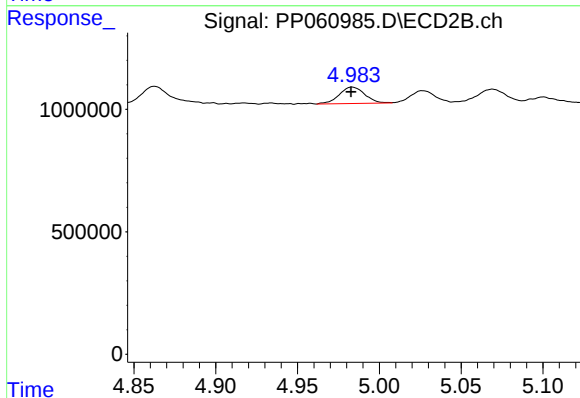
R.T.: 4.806 min
Delta R.T.: 0.000 min
Response: 1332912
Conc: 18.61 ng/ml



#5 AR-1016-3

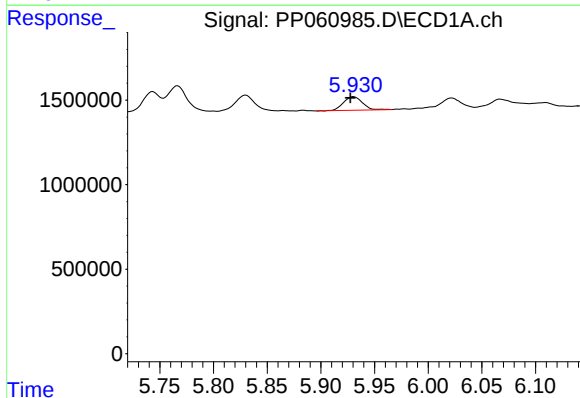
R.T.: 5.830 min
Delta R.T.: 0.003 min
Response: 1195766
Conc: 19.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



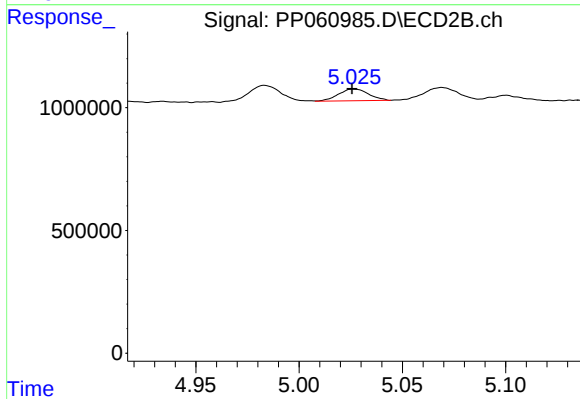
#5 AR-1016-3

R.T.: 4.983 min
Delta R.T.: 0.000 min
Response: 727303
Conc: 18.00 ng/ml



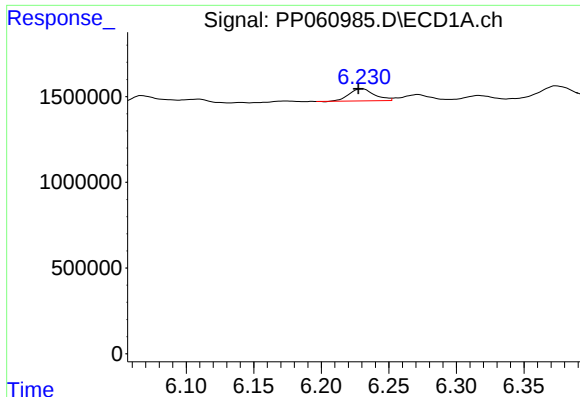
#6 AR-1016-4

R.T.: 5.931 min
Delta R.T.: 0.003 min
Response: 995319
Conc: 19.48 ng/ml



#6 AR-1016-4

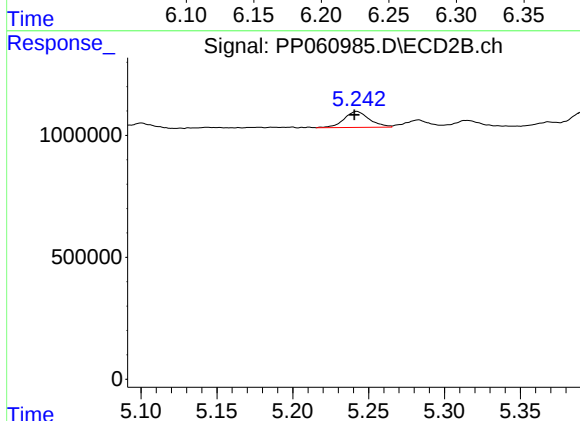
R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 484766
Conc: 14.99 ng/ml



#7 AR-1016-5

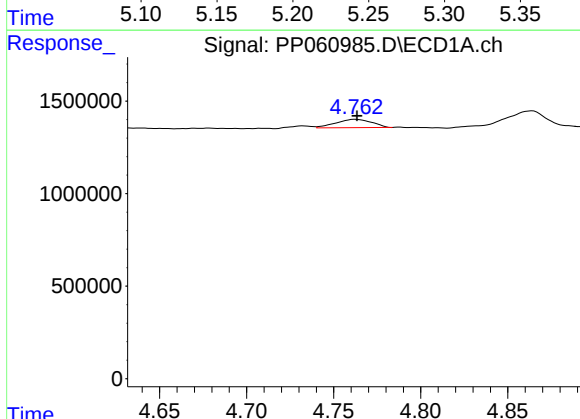
R.T.: 6.230 min
Delta R.T.: 0.003 min
Response: 909180
Conc: 17.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



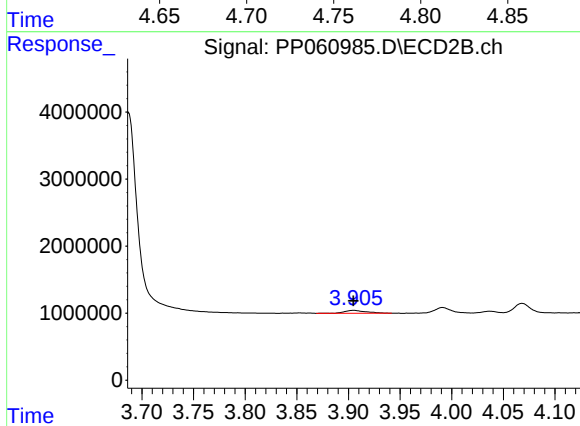
#7 AR-1016-5

R.T.: 5.242 min
Delta R.T.: 0.002 min
Response: 759278
Conc: 18.18 ng/ml



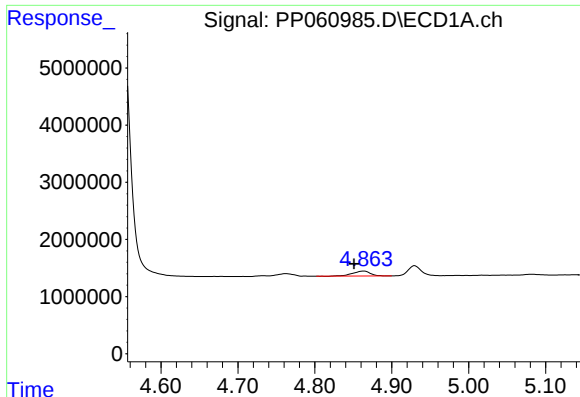
#8 AR-1221-1

R.T.: 4.763 min
Delta R.T.: 0.000 min
Response: 654131
Conc: 23.29 ng/ml



#8 AR-1221-1

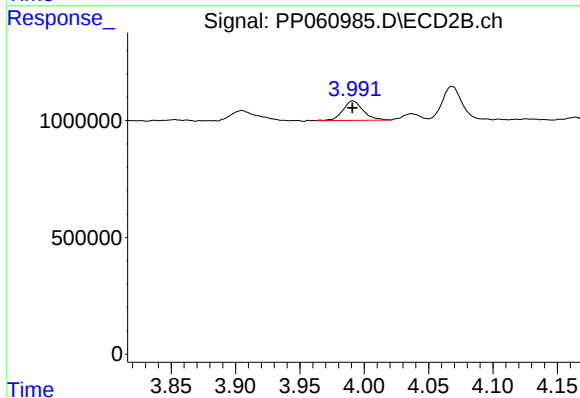
R.T.: 3.905 min
Delta R.T.: 0.000 min
Response: 657478
Conc: 32.23 ng/ml



#9 AR-1221-2

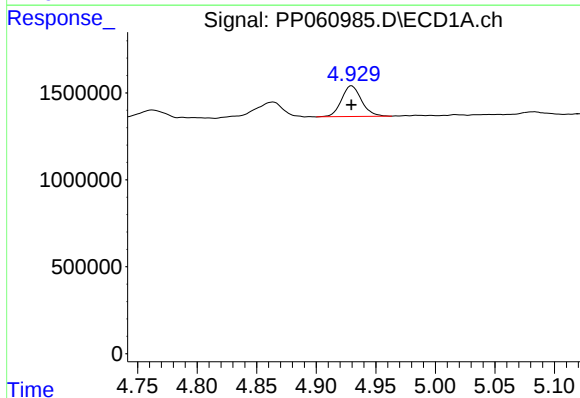
R.T.: 4.864 min
Delta R.T.: 0.013 min
Response: 1399308
Conc: 67.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



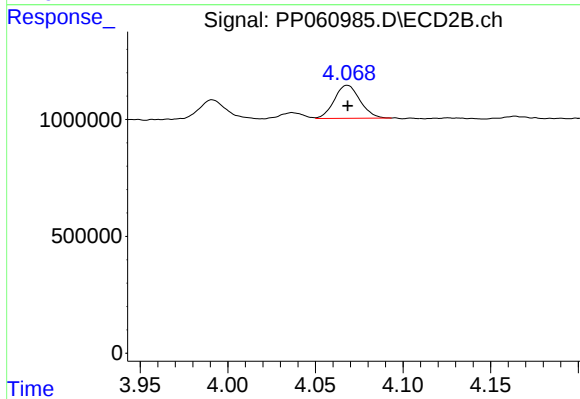
#9 AR-1221-2

R.T.: 3.991 min
Delta R.T.: 0.000 min
Response: 903294
Conc: 61.49 ng/ml



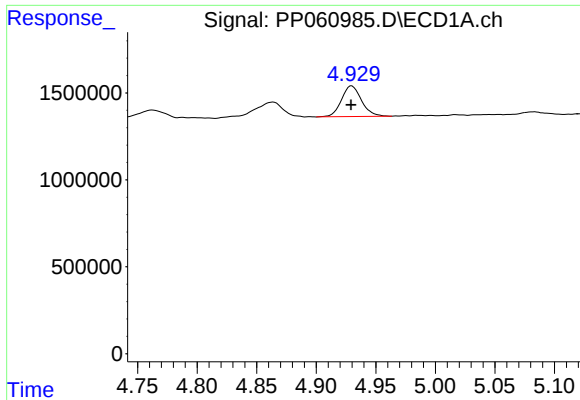
#10 AR-1221-3

R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 2067068
Conc: 33.50 ng/ml



#10 AR-1221-3

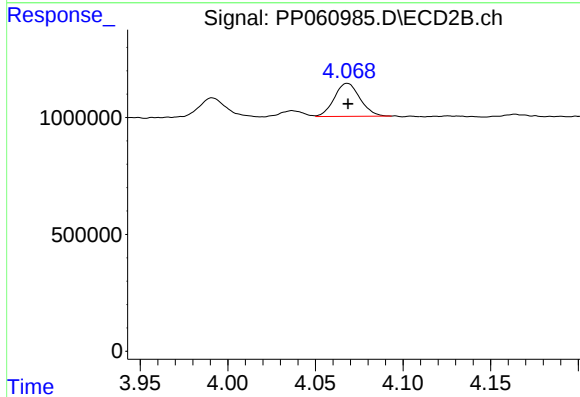
R.T.: 4.068 min
Delta R.T.: 0.000 min
Response: 1445675
Conc: 34.47 ng/ml



#11 AR-1232-1

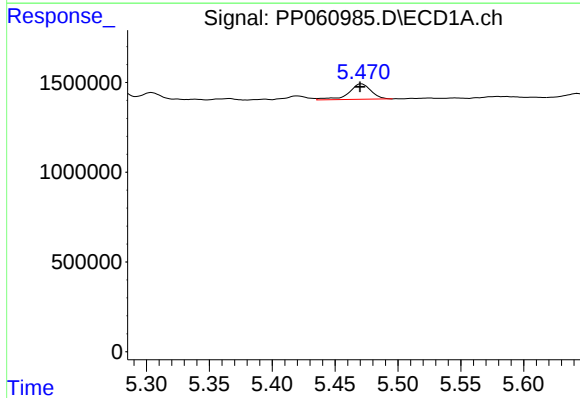
R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 2067068
Conc: 40.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



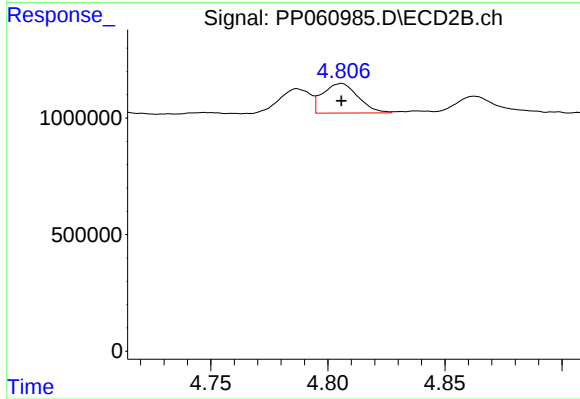
#11 AR-1232-1

R.T.: 4.068 min
Delta R.T.: 0.000 min
Response: 1445675
Conc: 41.86 ng/ml



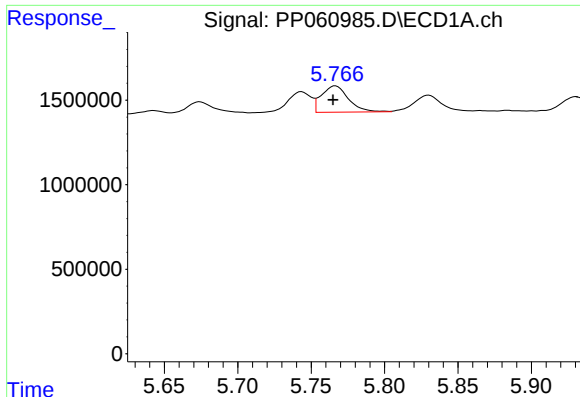
#12 AR-1232-2

R.T.: 5.471 min
Delta R.T.: 0.001 min
Response: 1058455
Conc: 39.68 ng/ml



#12 AR-1232-2

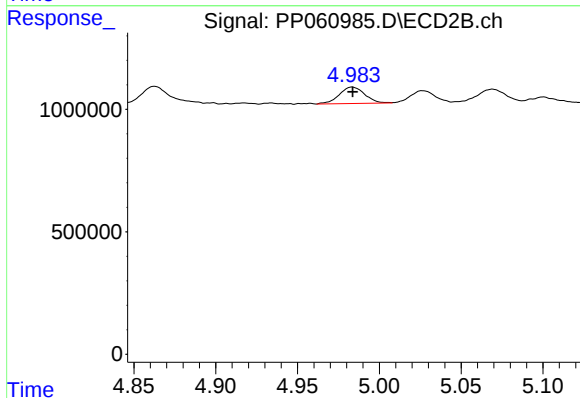
R.T.: 4.806 min
Delta R.T.: 0.000 min
Response: 1332912
Conc: 40.31 ng/ml



#13 AR-1232-3

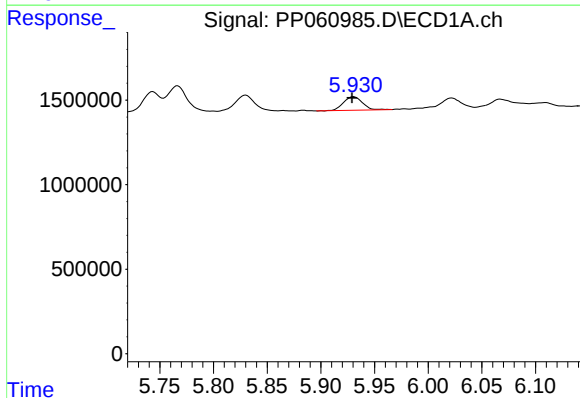
R.T.: 5.767 min
Delta R.T.: 0.002 min
Response: 1992887
Conc: 42.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



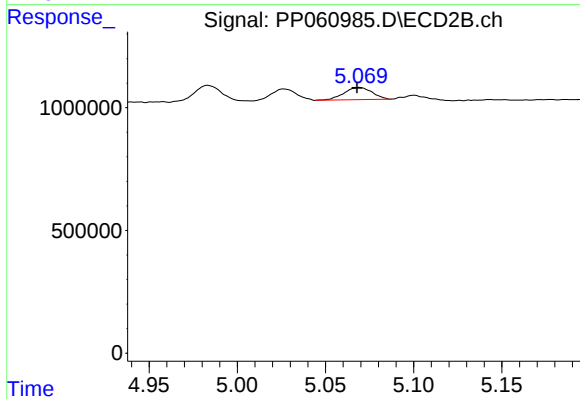
#13 AR-1232-3

R.T.: 4.983 min
Delta R.T.: 0.000 min
Response: 727303
Conc: 39.25 ng/ml



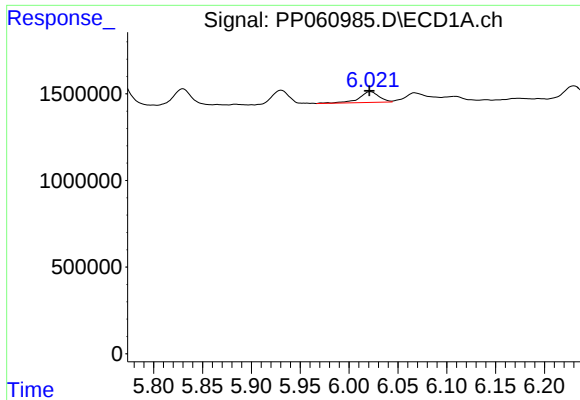
#14 AR-1232-4

R.T.: 5.931 min
Delta R.T.: 0.002 min
Response: 995319
Conc: 42.54 ng/ml



#14 AR-1232-4

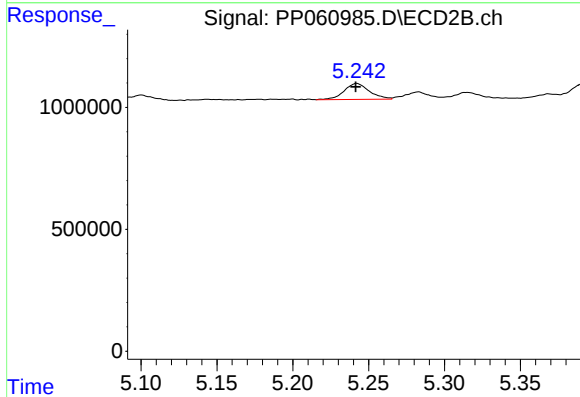
R.T.: 5.069 min
Delta R.T.: 0.001 min
Response: 547327
Conc: 32.58 ng/ml



#15 AR-1232-5

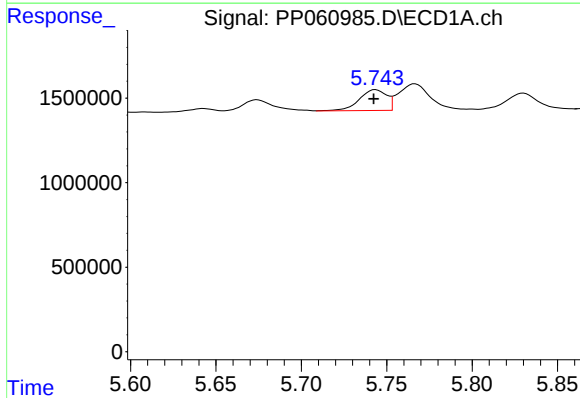
R.T.: 6.022 min
Delta R.T.: 0.001 min
Response: 880723
Conc: 45.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



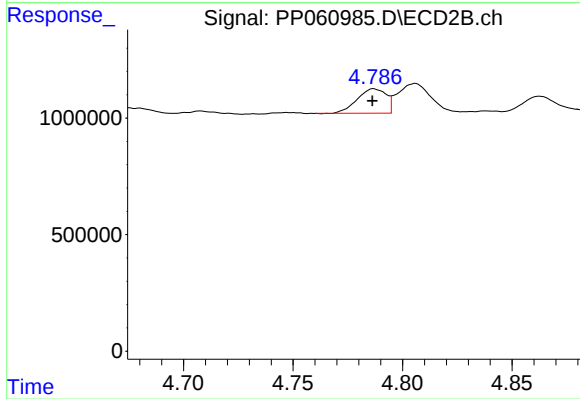
#15 AR-1232-5

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 759278
Conc: 40.42 ng/ml



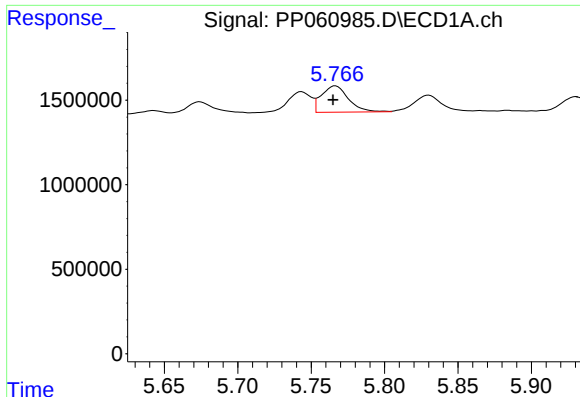
#16 AR-1242-1

R.T.: 5.744 min
Delta R.T.: 0.001 min
Response: 1376489
Conc: 24.50 ng/ml



#16 AR-1242-1

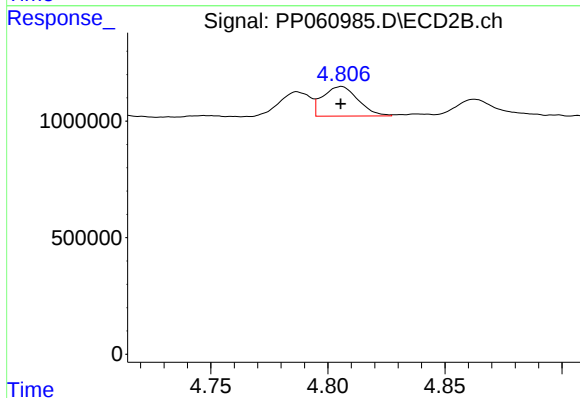
R.T.: 4.787 min
Delta R.T.: 0.000 min
Response: 960612
Conc: 23.80 ng/ml



#17 AR-1242-2

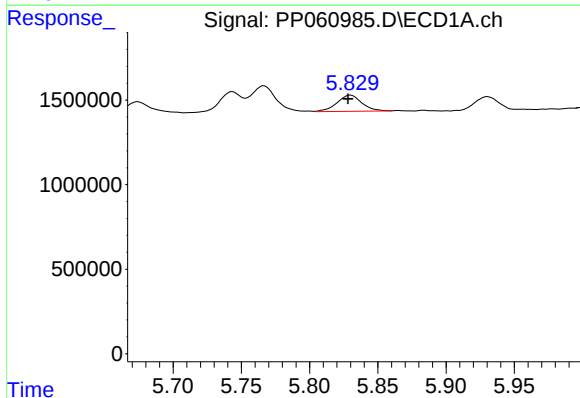
R.T.: 5.767 min
Delta R.T.: 0.002 min
Response: 1992887
Conc: 25.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



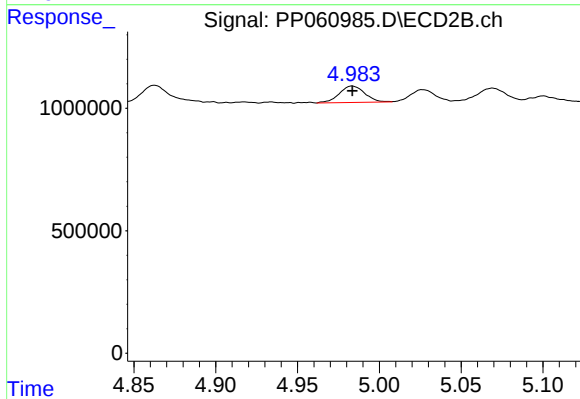
#17 AR-1242-2

R.T.: 4.806 min
Delta R.T.: 0.000 min
Response: 1332912
Conc: 24.34 ng/ml



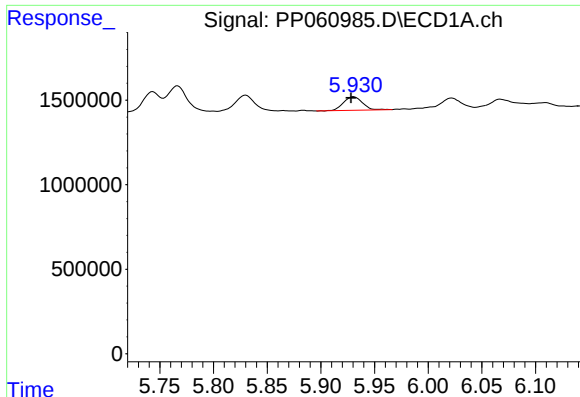
#18 AR-1242-3

R.T.: 5.830 min
Delta R.T.: 0.002 min
Response: 1195766
Conc: 24.09 ng/ml



#18 AR-1242-3

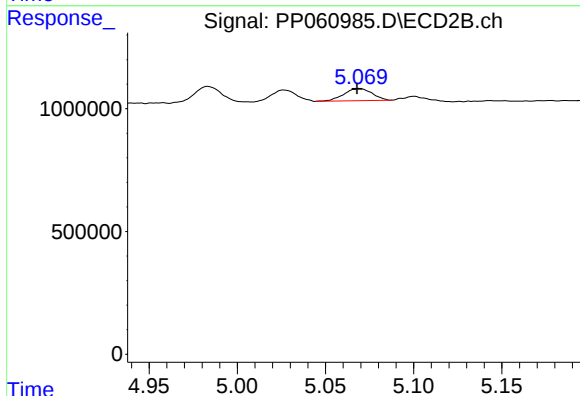
R.T.: 4.983 min
Delta R.T.: 0.000 min
Response: 727303
Conc: 23.41 ng/ml



#19 AR-1242-4

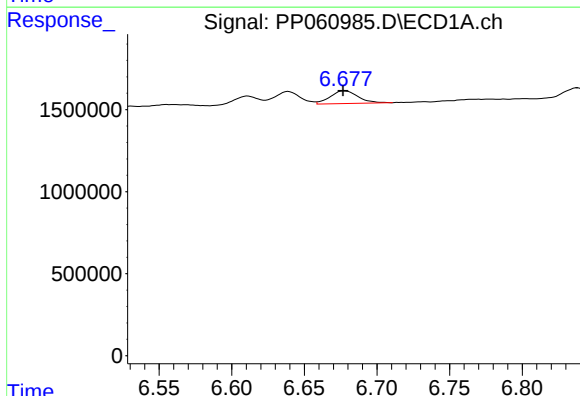
R.T.: 5.931 min
Delta R.T.: 0.002 min
Response: 995319
Conc: 24.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



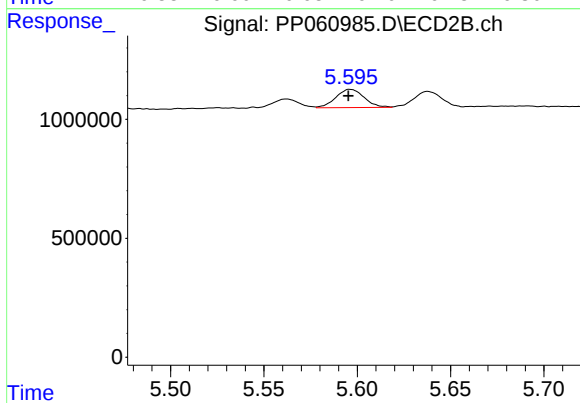
#19 AR-1242-4

R.T.: 5.069 min
Delta R.T.: 0.001 min
Response: 547327
Conc: 17.42 ng/ml



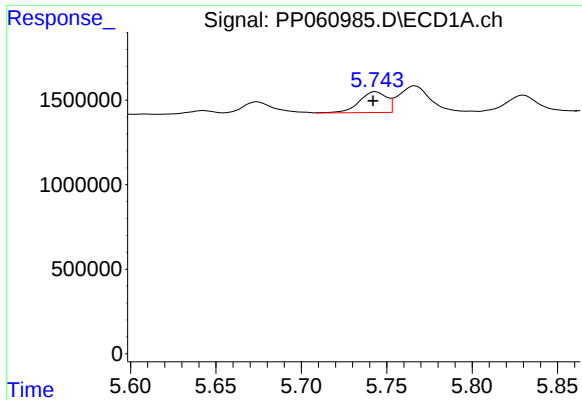
#20 AR-1242-5

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 1042218
Conc: 25.69 ng/ml



#20 AR-1242-5

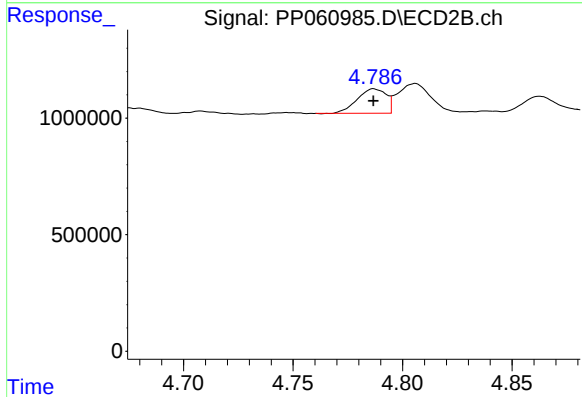
R.T.: 5.596 min
Delta R.T.: 0.000 min
Response: 805502
Conc: 20.60 ng/ml



#21 AR-1248-1

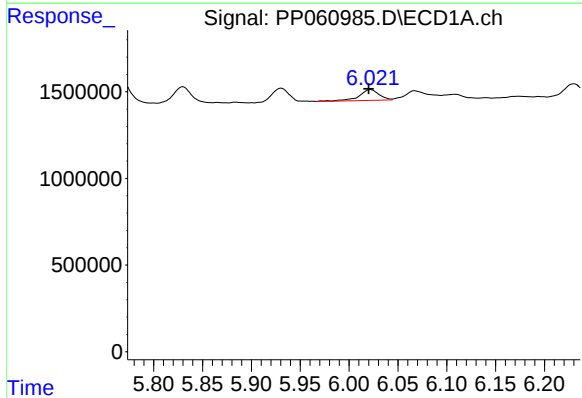
R.T.: 5.744 min
Delta R.T.: 0.001 min
Response: 1376489
Conc: 31.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



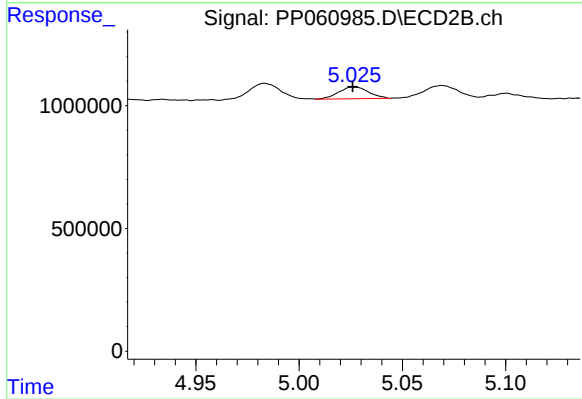
#21 AR-1248-1

R.T.: 4.787 min
Delta R.T.: 0.000 min
Response: 960612
Conc: 31.11 ng/ml



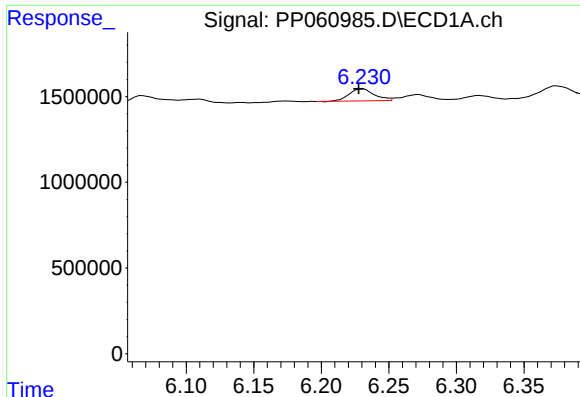
#22 AR-1248-2

R.T.: 6.022 min
Delta R.T.: 0.002 min
Response: 880723
Conc: 13.62 ng/ml



#22 AR-1248-2

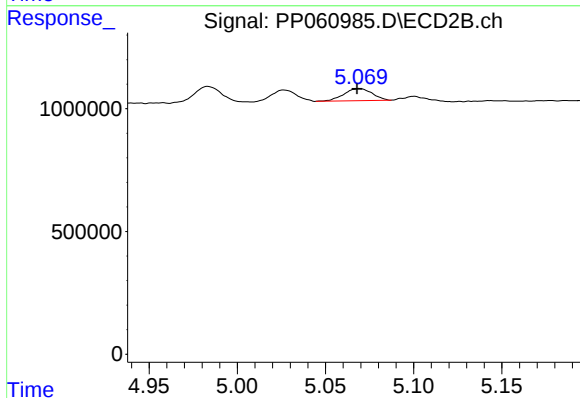
R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 484766
Conc: 11.07 ng/ml



#23 AR-1248-3

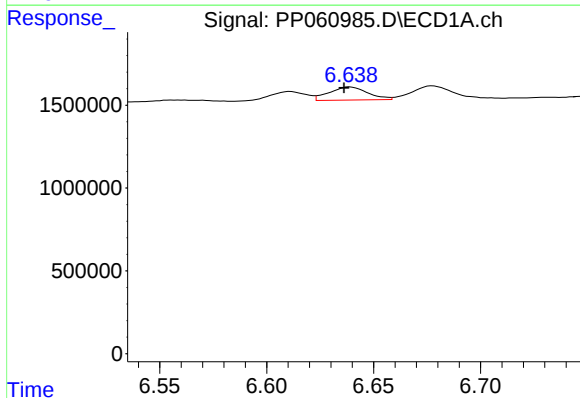
R.T.: 6.230 min
Delta R.T.: 0.002 min
Response: 909180
Conc: 12.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



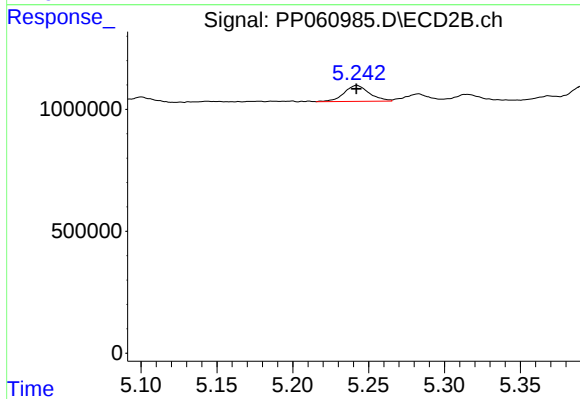
#23 AR-1248-3

R.T.: 5.069 min
Delta R.T.: 0.001 min
Response: 547327
Conc: 11.81 ng/ml



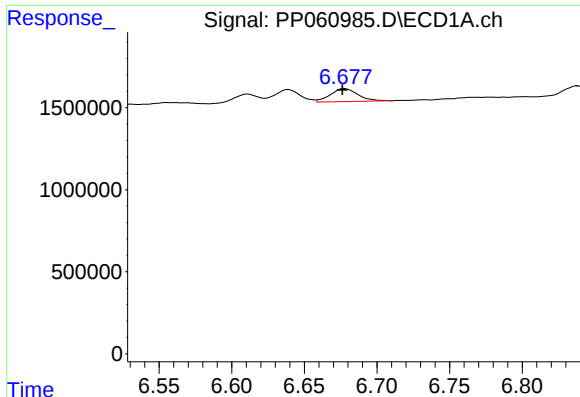
#24 AR-1248-4

R.T.: 6.639 min
Delta R.T.: 0.003 min
Response: 992668
Conc: 12.99 ng/ml



#24 AR-1248-4

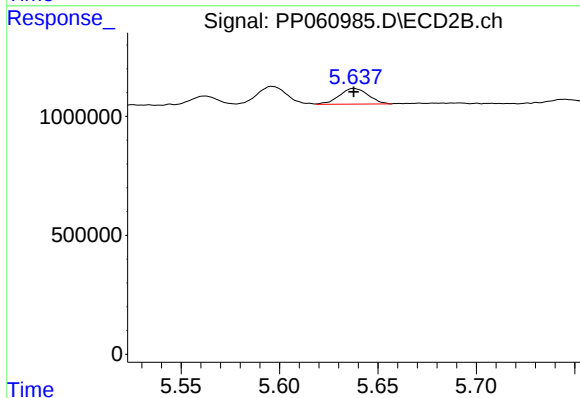
R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 759278
Conc: 13.74 ng/ml



#25 AR-1248-5

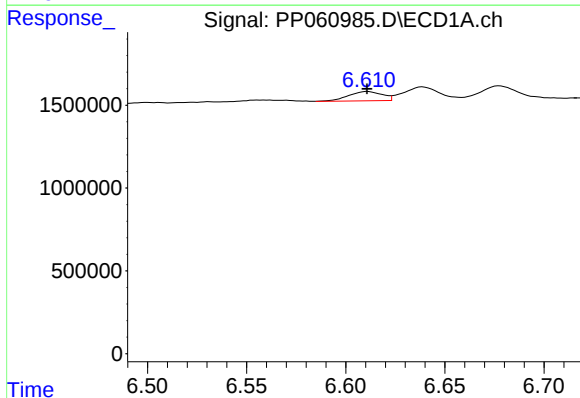
R.T.: 6.678 min
Delta R.T.: 0.001 min
Response: 1042218
Conc: 14.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



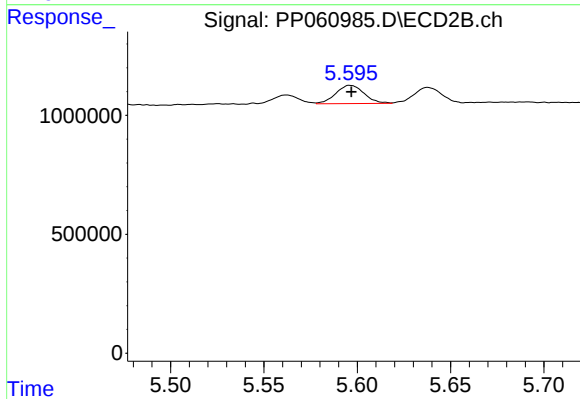
#25 AR-1248-5

R.T.: 5.638 min
Delta R.T.: 0.000 min
Response: 669053
Conc: 12.83 ng/ml



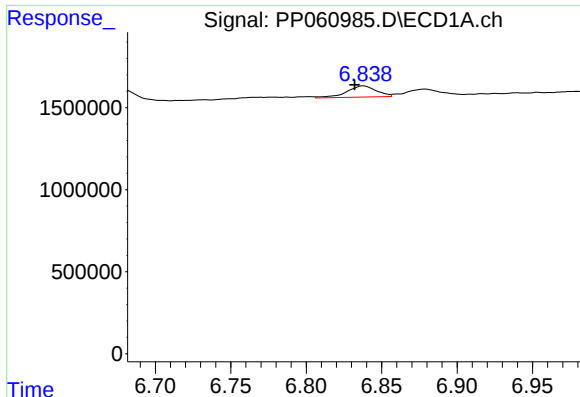
#26 AR-1254-1

R.T.: 6.611 min
Delta R.T.: 0.000 min
Response: 656201
Conc: 8.30 ng/ml



#26 AR-1254-1

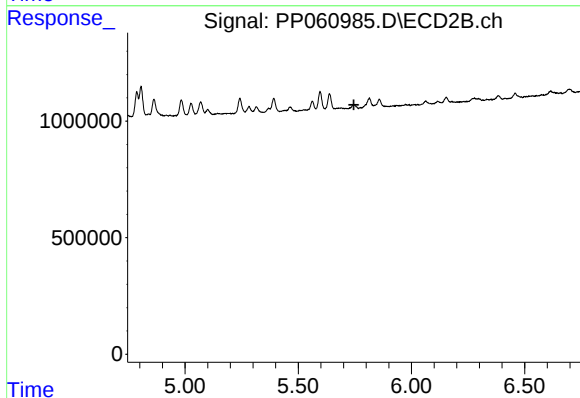
R.T.: 5.596 min
Delta R.T.: 0.000 min
Response: 805502
Conc: 10.43 ng/ml



#27 AR-1254-2

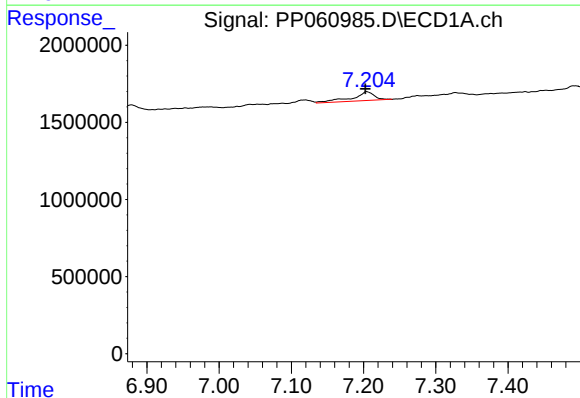
R.T.: 6.838 min
Delta R.T.: 0.006 min
Response: 922219
Conc: 7.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



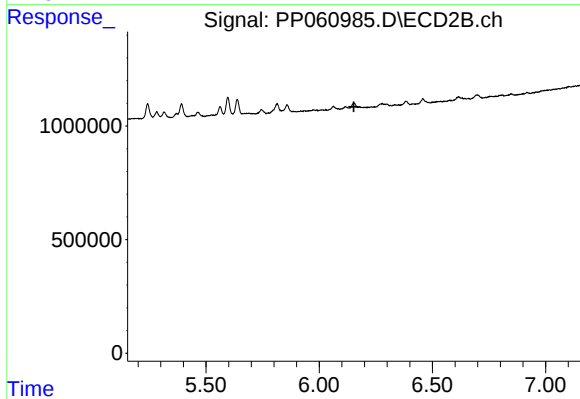
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.746 min
Response: 0
Conc: N.D.



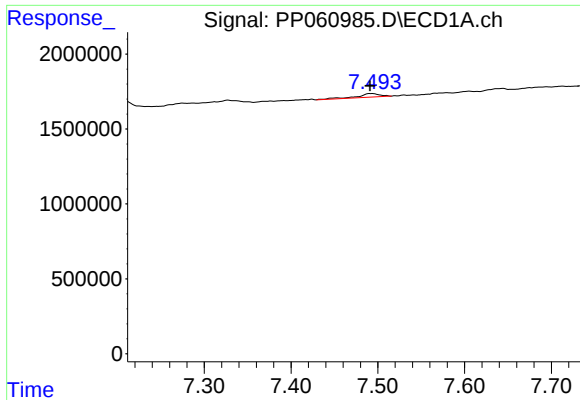
#28 AR-1254-3

R.T.: 7.205 min
Delta R.T.: 0.002 min
Response: 1227560
Conc: 10.03 ng/ml



#28 AR-1254-3

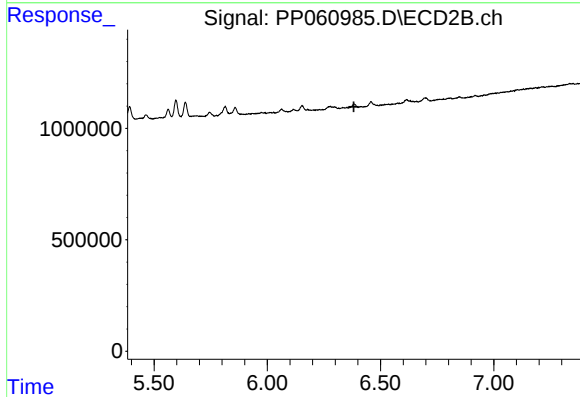
R.T.: 0.000 min
Exp R.T. : 6.153 min
Response: 0
Conc: N.D.



#29 AR-1254-4

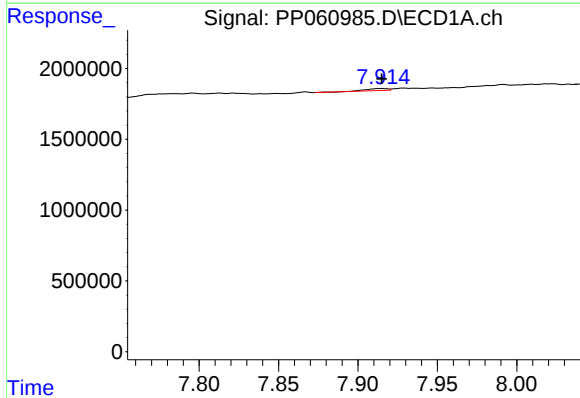
R.T.: 7.493 min
Delta R.T.: 0.002 min
Response: 434659
Conc: 4.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



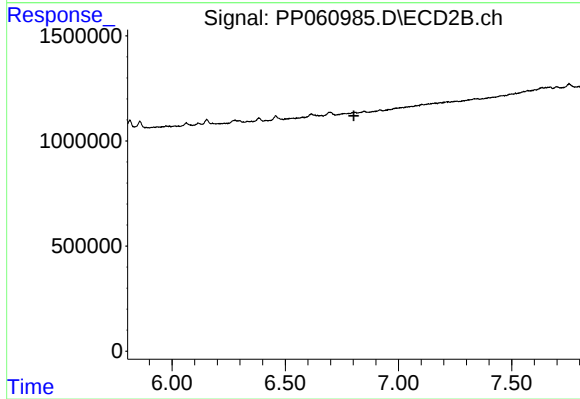
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.382 min
Response: 0
Conc: N.D.



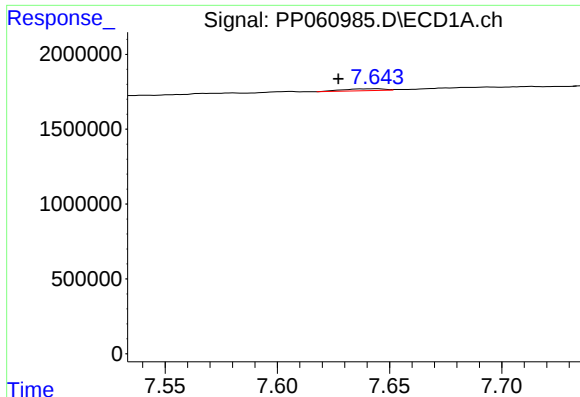
#30 AR-1254-5

R.T.: 7.914 min
Delta R.T.: 0.000 min
Response: 138416
Conc: 1.39 ng/ml



#30 AR-1254-5

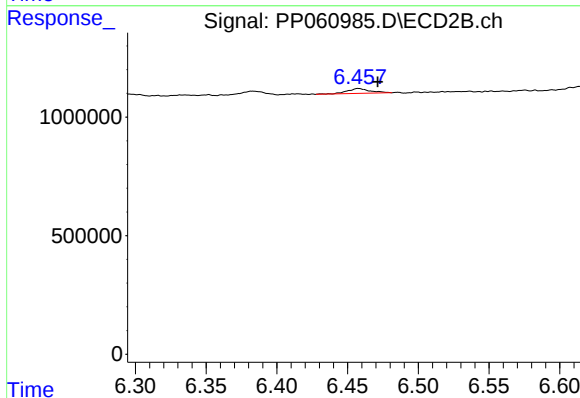
R.T.: 0.000 min
Exp R.T. : 6.803 min
Response: 0
Conc: N.D.



#32 AR-1260-2

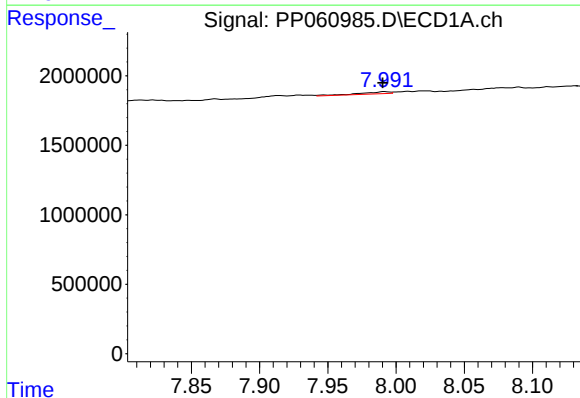
R.T.: 7.644 min
Delta R.T.: 0.017 min
Response: 170283
Conc: 1.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



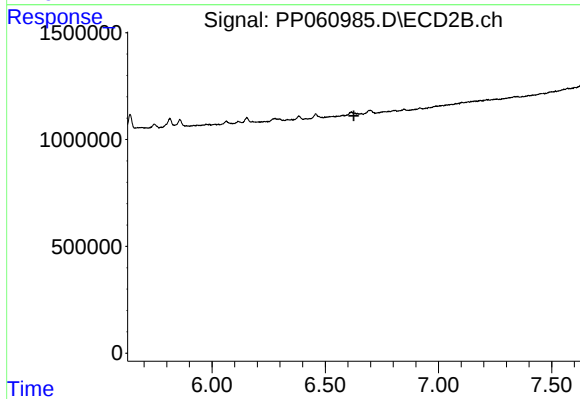
#32 AR-1260-2

R.T.: 6.458 min
Delta R.T.: -0.014 min
Response: 234429
Conc: 2.38 ng/ml



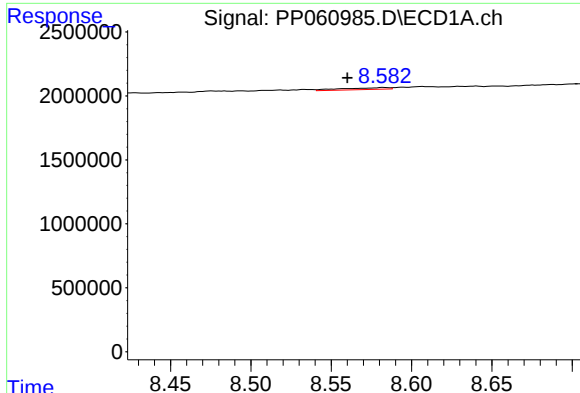
#33 AR-1260-3

R.T.: 7.992 min
Delta R.T.: 0.001 min
Response: 228271
Conc: 3.28 ng/ml



#33 AR-1260-3

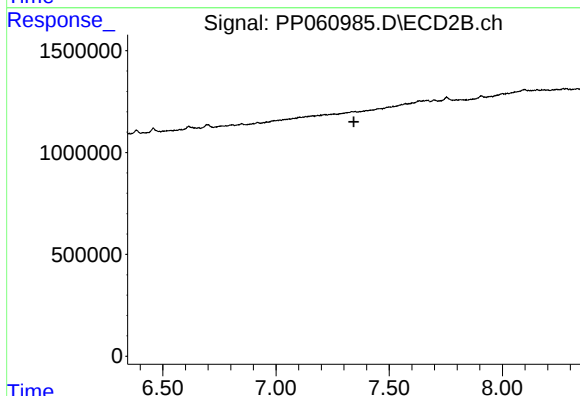
R.T.: 0.000 min
Exp R.T.: 6.626 min
Response: 0
Conc: N.D.



#35 AR-1260-5

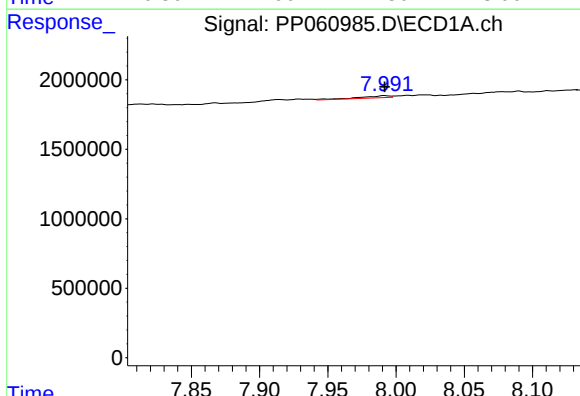
R.T.: 8.583 min
Delta R.T.: 0.023 min
Response: 291714
Conc: 1.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



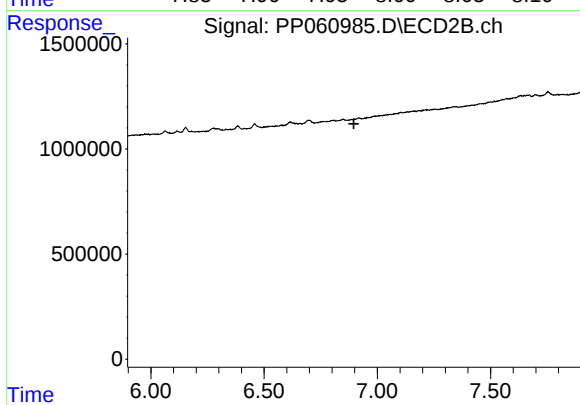
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.344 min
Response: 0
Conc: N.D.



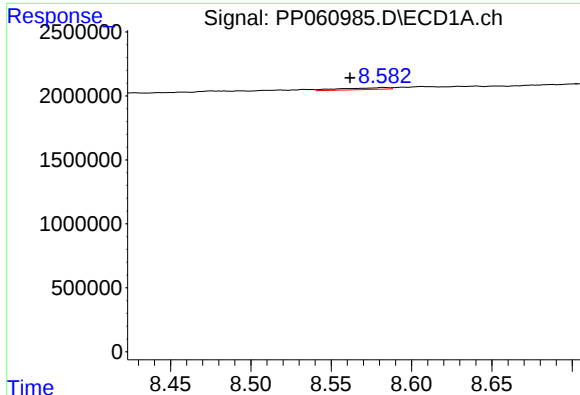
#36 AR-1262-1

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 228271
Conc: 1.82 ng/ml



#36 AR-1262-1

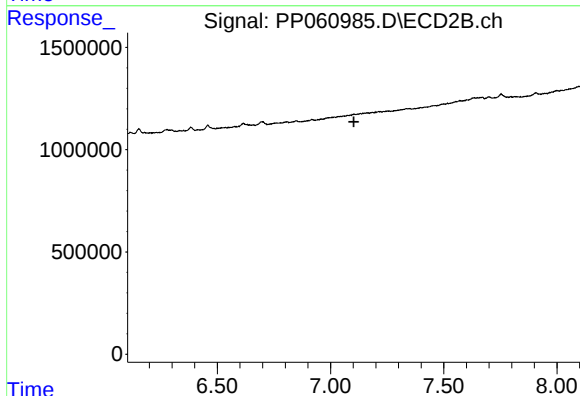
R.T.: 0.000 min
Exp R.T. : 6.896 min
Response: 0
Conc: N.D.



#37 AR-1262-2

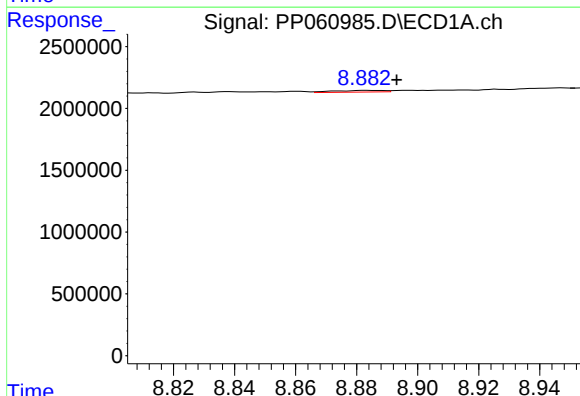
R.T.: 8.583 min
Delta R.T.: 0.021 min
Response: 291714
Conc: 1.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



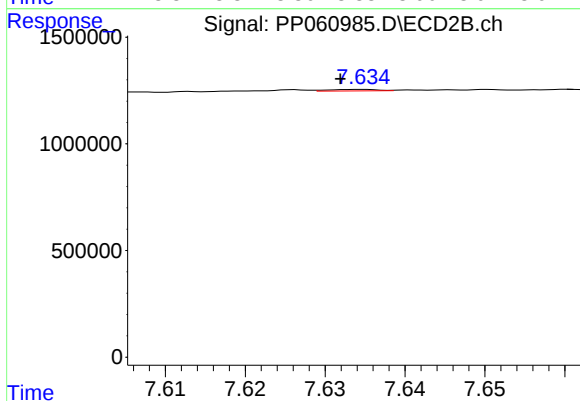
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.103 min
Response: 0
Conc: N.D.



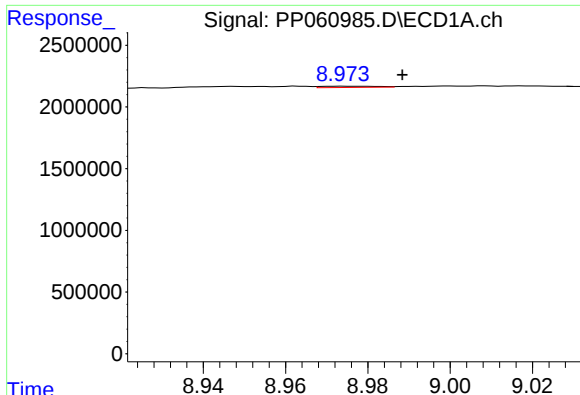
#38 AR-1262-3

R.T.: 8.883 min
Delta R.T.: -0.010 min
Response: 154980
Conc: 1.03 ng/ml



#38 AR-1262-3

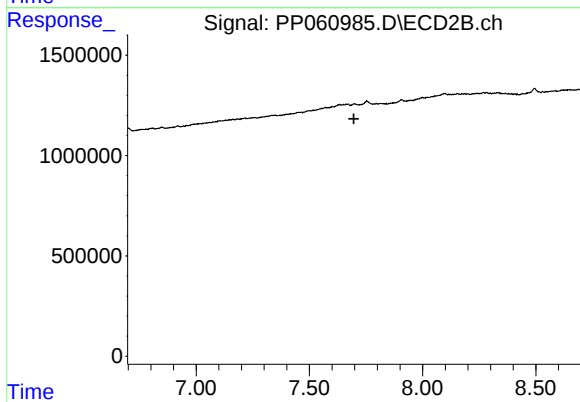
R.T.: 7.635 min
Delta R.T.: 0.003 min
Response: 30515
Conc: 0.36 ng/ml



#39 AR-1262-4

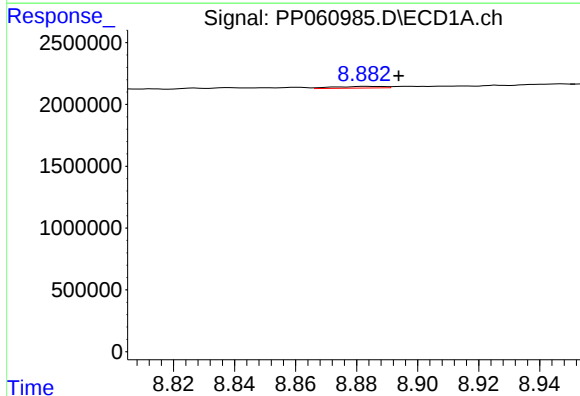
R.T.: 8.974 min
Delta R.T.: -0.014 min
Response: 90259
Conc: 0.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



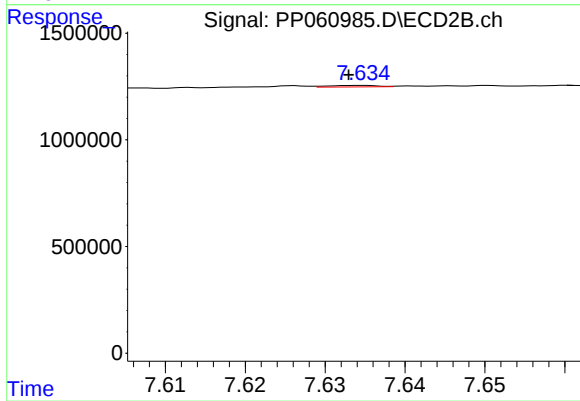
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.696 min
Response: 0
Conc: N.D.



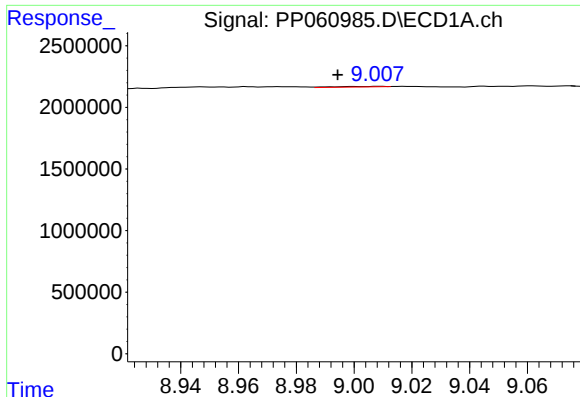
#41 AR-1268-1

R.T.: 8.883 min
Delta R.T.: -0.011 min
Response: 154980
Conc: 0.59 ng/ml



#41 AR-1268-1

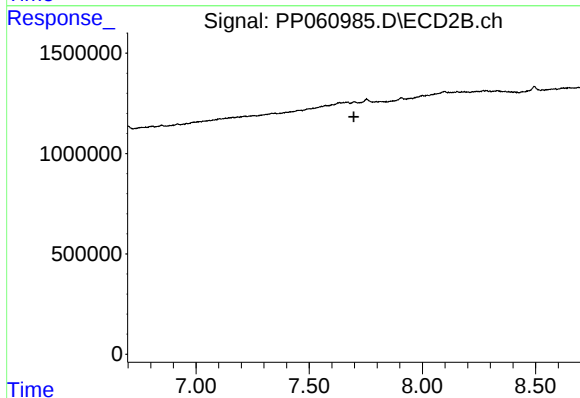
R.T.: 7.635 min
Delta R.T.: 0.002 min
Response: 30515
Conc: 0.13 ng/ml



#42 AR-1268-2

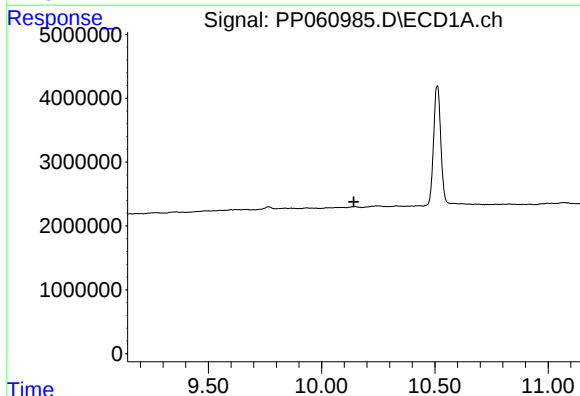
R.T.: 9.009 min
Delta R.T.: 0.014 min
Response: 53512
Conc: 0.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



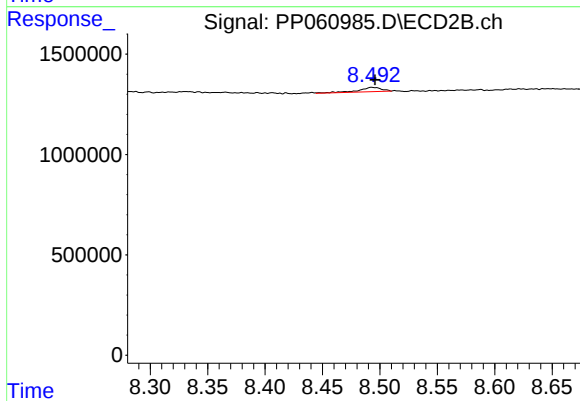
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 7.697 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 10.142 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.493 min
Delta R.T.: -0.003 min
Response: 297858
Conc: 0.54 ng/ml