

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100523\
 Data File : PP060632.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Oct 2023 18:06
 Operator : YP\AJ
 Sample : 04730-24
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 23:58:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 27 11:30:16 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...	4.532	3.685	38158718	27292128	17.039	18.335
2)	SA Decachlor...	10.456	8.745	24542051	20014505	13.901	12.270
Target Compounds							
3)	L1 AR-1016-1	5.747f	4.785	656167	85087	8.915	1.464 #
4)	L1 AR-1016-2	5.747	4.796	656167	93793	6.265	1.165 #
5)	L1 AR-1016-3	0.000	4.980	0	247221	N.D.	5.532 #
6)	L1 AR-1016-4	0.000	5.025	0	205376	N.D.	5.707 #
7)	L1 AR-1016-5	0.000	5.265f	0	6291	N.D.	0.129 #
8)	L2 AR-1221-1	4.742	3.908	691113	188979	23.925	9.046 #
9)	L2 AR-1221-2	4.843	3.987	413596	765098	19.359	51.311 #
10)	L2 AR-1221-3	0.000	4.064	0	43170	N.D.	0.983 #
11)	L3 AR-1232-1	0.000	4.064	0	43170	N.D.	1.186 #
12)	L3 AR-1232-2	0.000	4.796	0	93793	N.D.	2.572 #
13)	L3 AR-1232-3	5.747	4.980	656167	247221	14.136	12.352
14)	L3 AR-1232-4	0.000	5.064	0	104268	N.D.	5.586 #
15)	L3 AR-1232-5	5.999	5.265f	296609	6291	14.314	0.302 #
16)	L4 AR-1242-1	5.747f	4.785	656167	85087	10.268	1.681 #
17)	L4 AR-1242-2	5.747	4.796	656167	93793	7.247	1.351 #
18)	L4 AR-1242-3	0.000	4.980	0	247221	N.D.	6.420 #
19)	L4 AR-1242-4	0.000	5.064	0	104268	N.D.	2.648 #
20)	L4 AR-1242-5	6.625f	5.592	6835596	2679458	135.907	54.775 #
21)	L5 AR-1248-1	5.747f	4.785	656167	85087	14.104	2.332 #
22)	L5 AR-1248-2	5.999	5.025	296609	205376	4.278	3.929
23)	L5 AR-1248-3	0.000	5.064	0	104268	N.D.	1.878 #
24)	L5 AR-1248-4	6.625	5.265f	6835596	6291	82.649	0.096 #
25)	L5 AR-1248-5	6.625f	5.633	6835596	570138	84.932	8.864 #
26)	L6 AR-1254-1	6.579	5.592	6612248	2679458	77.481	27.087 #
27)	L6 AR-1254-2	6.808	5.740	3643365	1024341	28.547	11.919 #
28)	L6 AR-1254-3	7.177	6.146	4119663	5286128	30.994	36.882
29)	L6 AR-1254-4	7.464	6.375	2891158	1854229	29.400	21.273 #
30)	L6 AR-1254-5	7.906f	6.795	12117124	9042501	111.840	71.358 #
31)	L7 AR-1260-1	7.342	6.277	4273509	3988338	40.768	39.734
32)	L7 AR-1260-2	7.599	6.465	8201870	1850716	67.837	15.513 #
33)	L7 AR-1260-3	7.961	6.620	1153412	1634719	12.444	14.278
34)	L7 AR-1260-4	8.182	7.095	3917060	1436259	36.936	15.090 #
35)	L7 AR-1260-5	8.529	7.336	1975264	1711179	10.207	7.896
36)	L8 AR-1262-1	7.961	6.885	1153412	1237467	9.247	23.110 #
37)	L8 AR-1262-2	8.529	7.095	1975264	1436259	9.429	12.177 #
38)	L8 AR-1262-3	8.873	7.624	2006664	501007	13.260	5.433 #
39)	L8 AR-1262-4	8.946	7.685	1356785	1856888	11.337	11.023
40)	L8 AR-1262-5	0.000	8.184	0	237710	N.D.	3.068 #
41)	L9 AR-1268-1	8.873f	7.624	2006664	501007	7.564	1.843 #

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 Quant Time: Oct 05 23:58:56 2023
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 QLast Update : Wed Sep 27 11:30:16 2023
 Response via : Initial Calibration
 Integrator: ChemStation

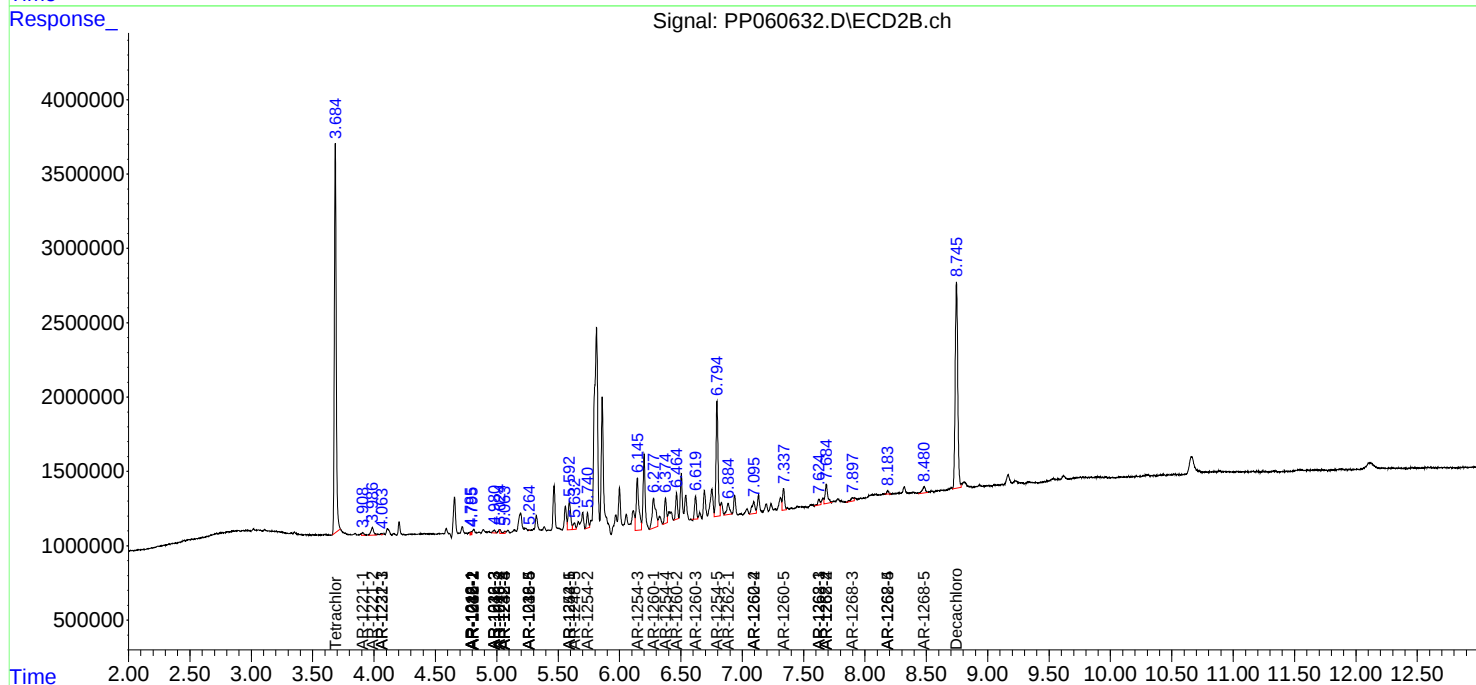
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

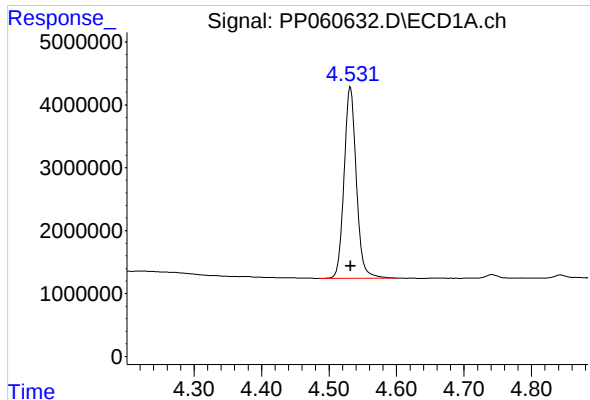
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.946	7.685	1356785	1856888	5.567	7.614 #
43) L9	AR-1268-3	0.000	7.899	0	432633	N.D.	2.023 #
44) L9	AR-1268-4	0.000	8.184	0	237710	N.D.	2.709 #
45) L9	AR-1268-5	10.093	8.482	809153	728680	1.278	1.166

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

Instrument :
ECD_P
ClientSampleId :

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

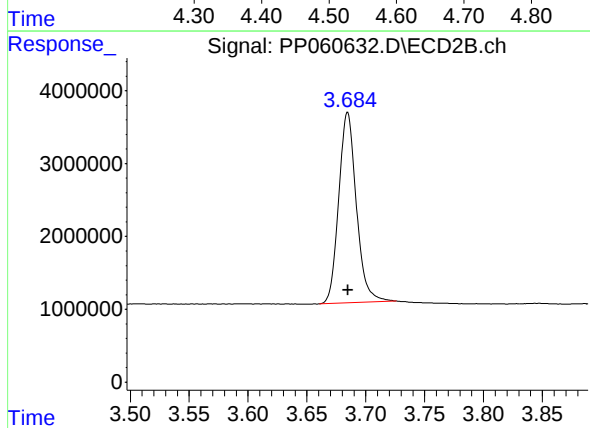




#1 Tetrachloro-m-xylene

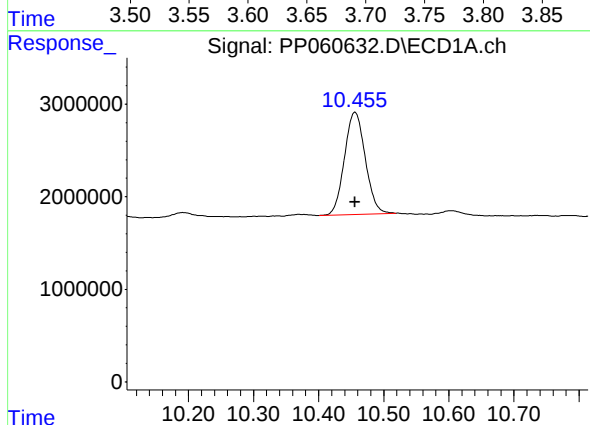
R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 38158718
Conc: 17.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



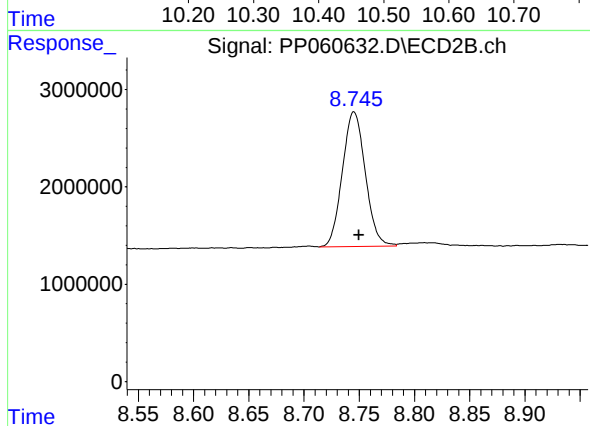
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 27292128
Conc: 18.34 ng/ml



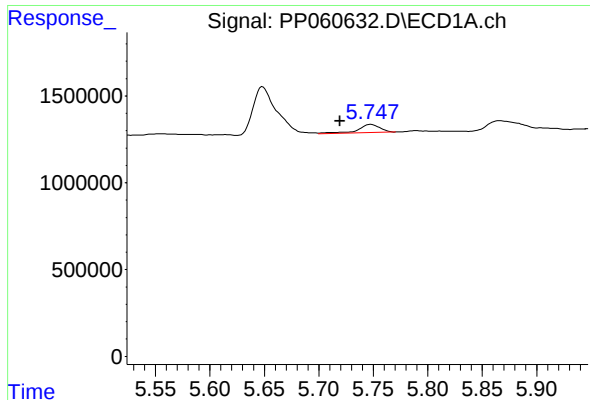
#2 Decachlorobiphenyl

R.T.: 10.456 min
Delta R.T.: 0.000 min
Response: 24542051
Conc: 13.90 ng/ml



#2 Decachlorobiphenyl

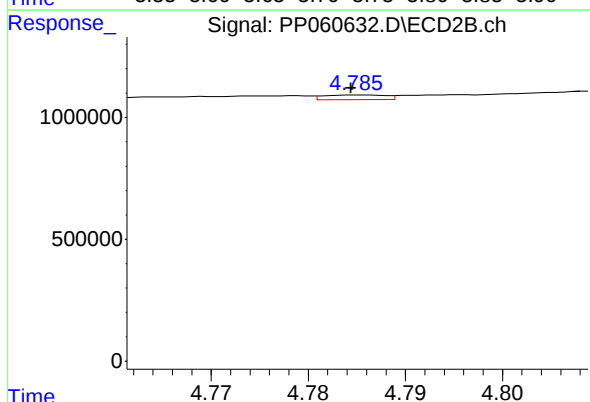
R.T.: 8.745 min
Delta R.T.: -0.005 min
Response: 20014505
Conc: 12.27 ng/ml



#3 AR-1016-1

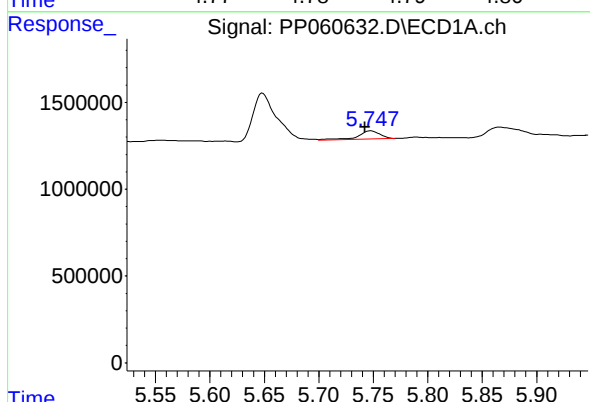
R.T.: 5.747 min
Delta R.T.: 0.028 min
Response: 656167
Conc: 8.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



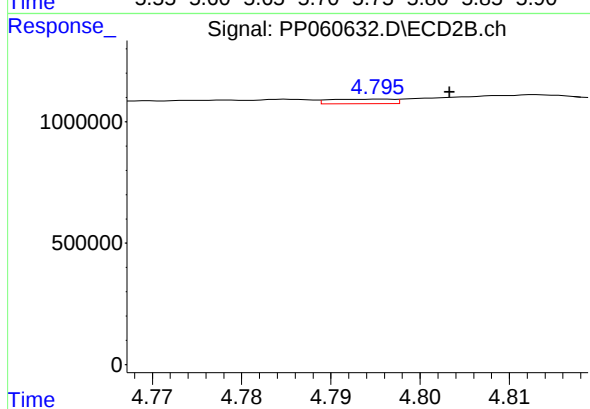
#3 AR-1016-1

R.T.: 4.785 min
Delta R.T.: 0.000 min
Response: 85087
Conc: 1.46 ng/ml



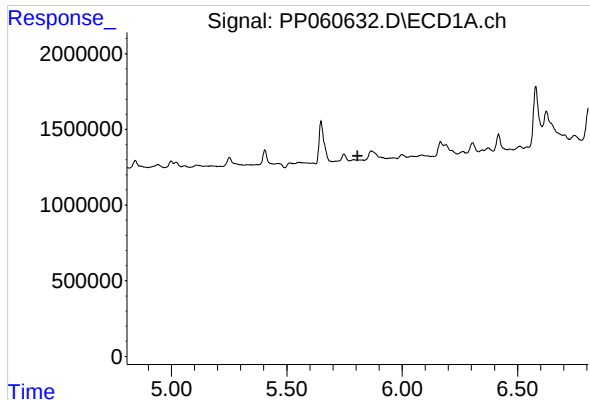
#4 AR-1016-2

R.T.: 5.747 min
Delta R.T.: 0.005 min
Response: 656167
Conc: 6.27 ng/ml



#4 AR-1016-2

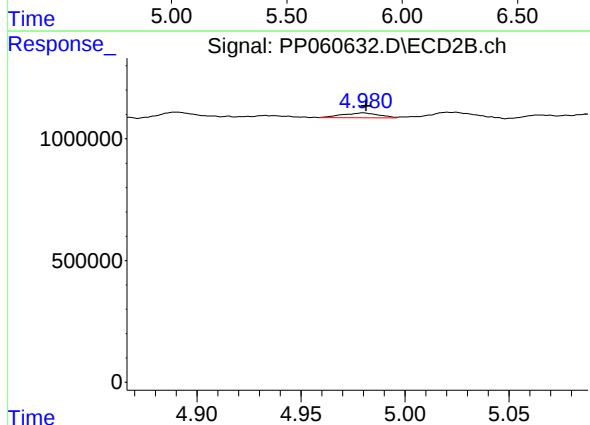
R.T.: 4.796 min
Delta R.T.: -0.008 min
Response: 93793
Conc: 1.17 ng/ml



#5 AR-1016-3

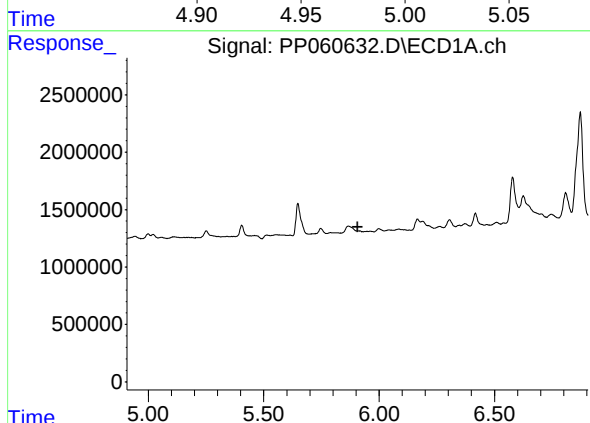
R.T.: 0.000 min
Exp R.T.: 5.806 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



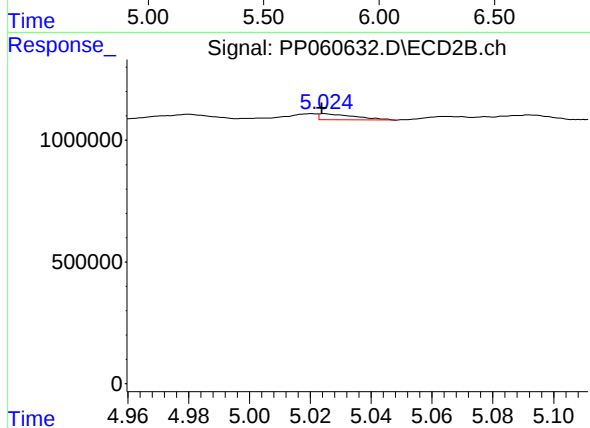
#5 AR-1016-3

R.T.: 4.980 min
Delta R.T.: -0.001 min
Response: 247221
Conc: 5.53 ng/ml



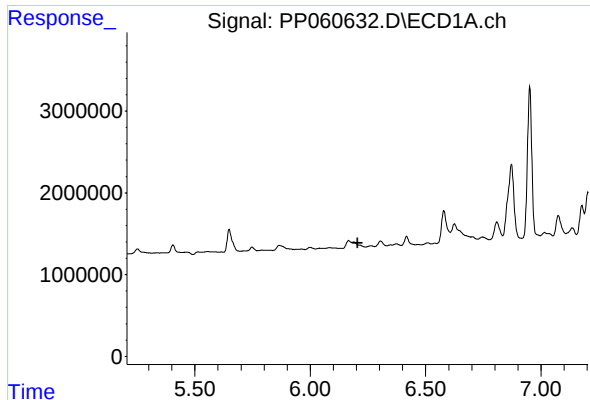
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 5.906 min
Response: 0
Conc: N.D.



#6 AR-1016-4

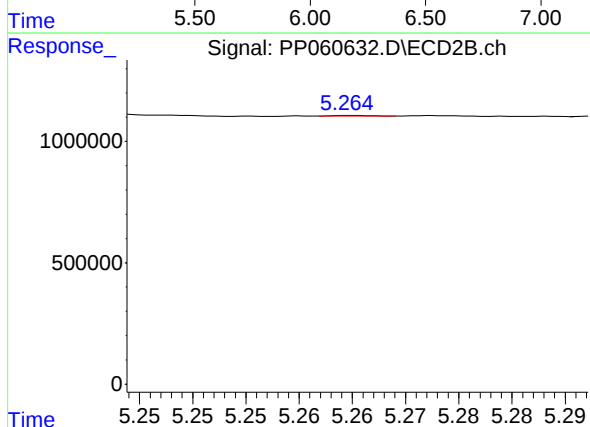
R.T.: 5.025 min
Delta R.T.: 0.000 min
Response: 205376
Conc: 5.71 ng/ml



#7 AR-1016-5

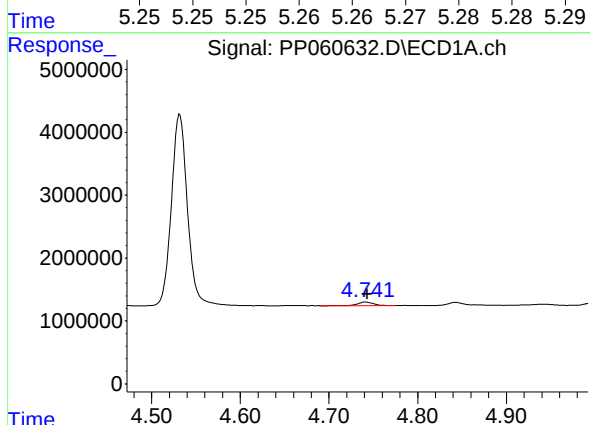
R.T.: 0.000 min
Exp R.T.: 6.205 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



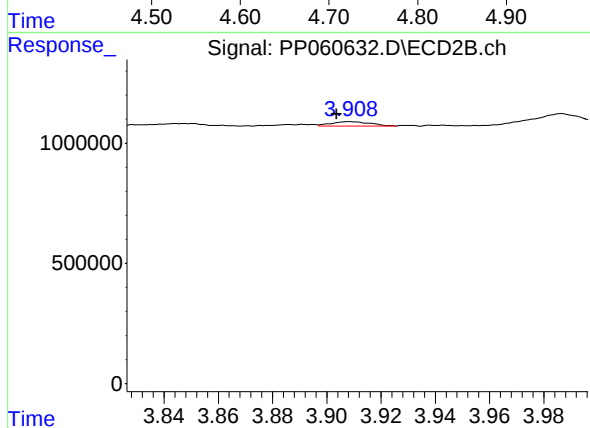
#7 AR-1016-5

R.T.: 5.265 min
Delta R.T.: 0.026 min
Response: 6291
Conc: 0.13 ng/ml



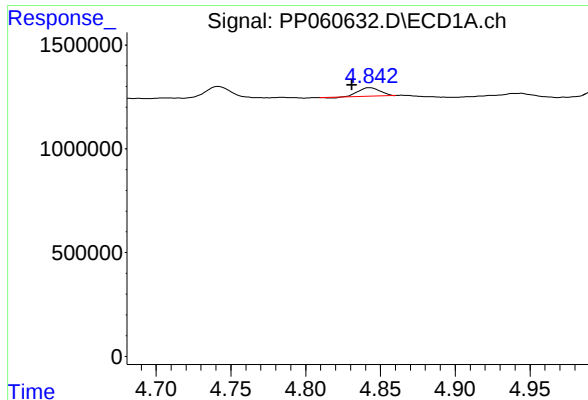
#8 AR-1221-1

R.T.: 4.742 min
Delta R.T.: -0.002 min
Response: 691113
Conc: 23.92 ng/ml



#8 AR-1221-1

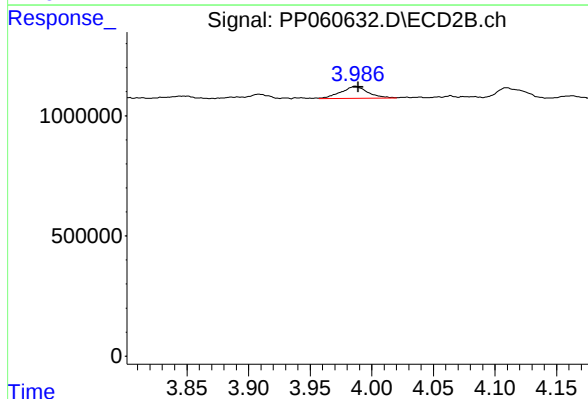
R.T.: 3.908 min
Delta R.T.: 0.005 min
Response: 188979
Conc: 9.05 ng/ml



#9 AR-1221-2

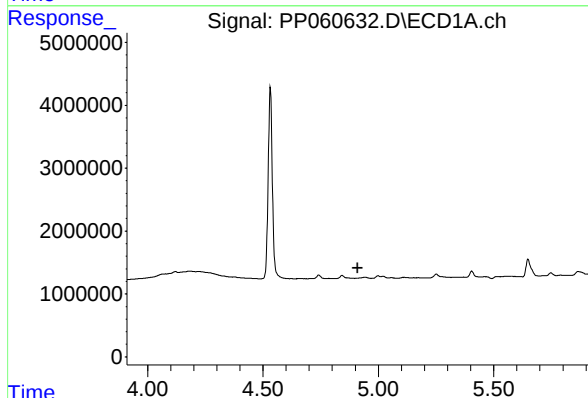
R.T.: 4.843 min
Delta R.T.: 0.012 min
Response: 413596
Conc: 19.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



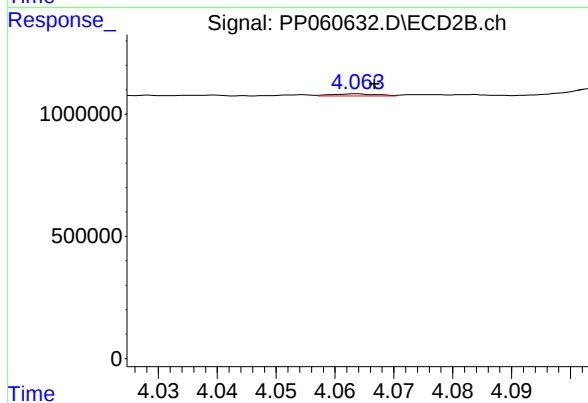
#9 AR-1221-2

R.T.: 3.987 min
Delta R.T.: -0.003 min
Response: 765098
Conc: 51.31 ng/ml



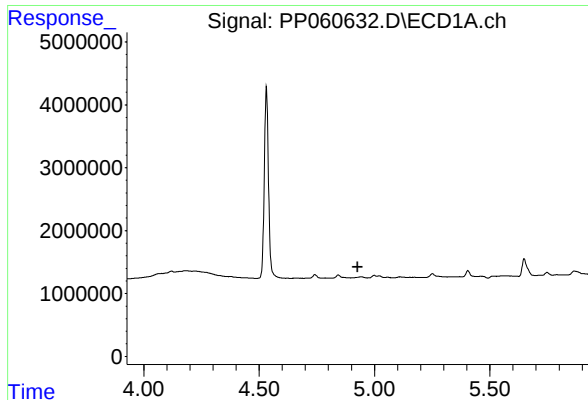
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.909 min
Response: 0
Conc: N.D.



#10 AR-1221-3

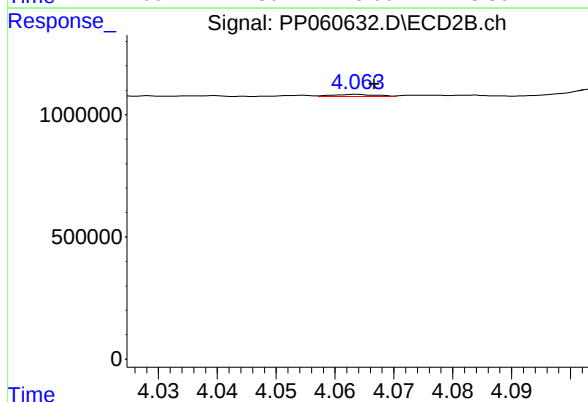
R.T.: 4.064 min
Delta R.T.: -0.003 min
Response: 43170
Conc: 0.98 ng/ml



#11 AR-1232-1

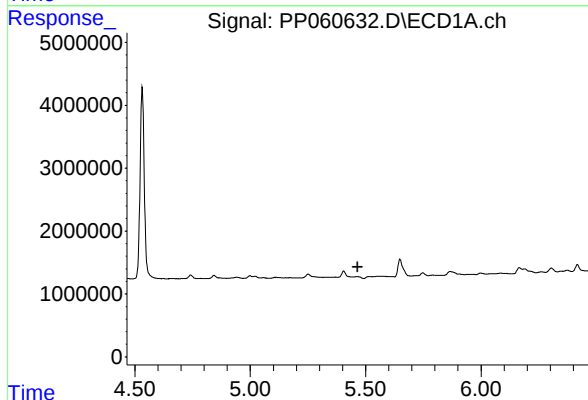
R.T.: 0.000 min
Exp R.T.: 4.926 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



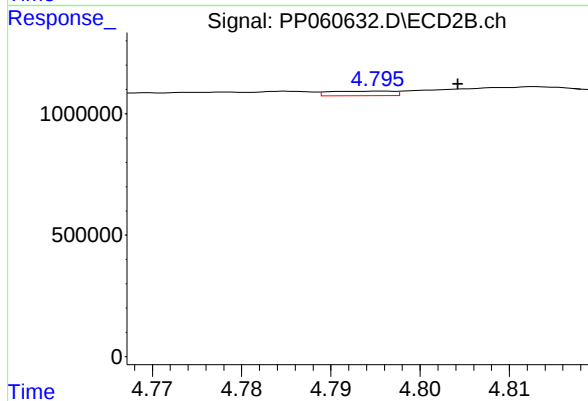
#11 AR-1232-1

R.T.: 4.064 min
Delta R.T.: -0.003 min
Response: 43170
Conc: 1.19 ng/ml



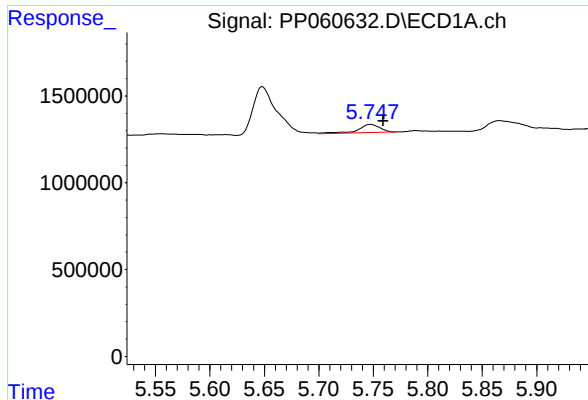
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.464 min
Response: 0
Conc: N.D.



#12 AR-1232-2

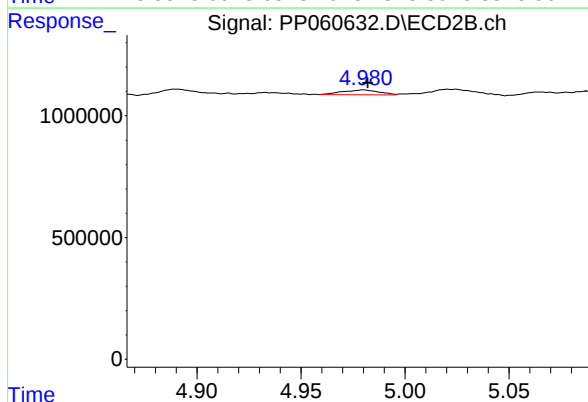
R.T.: 4.796 min
Delta R.T.: -0.009 min
Response: 93793
Conc: 2.57 ng/ml



#13 AR-1232-3

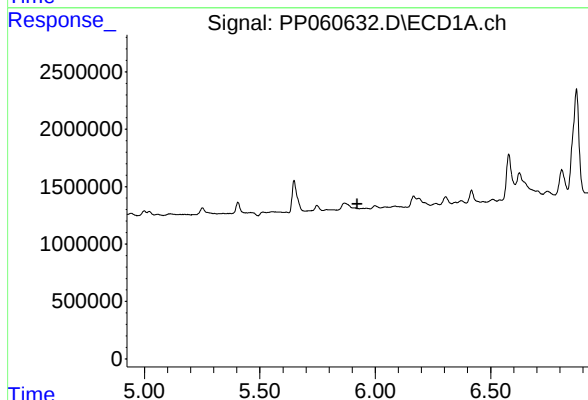
R.T.: 5.747 min
Delta R.T.: -0.012 min
Response: 656167
Conc: 14.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



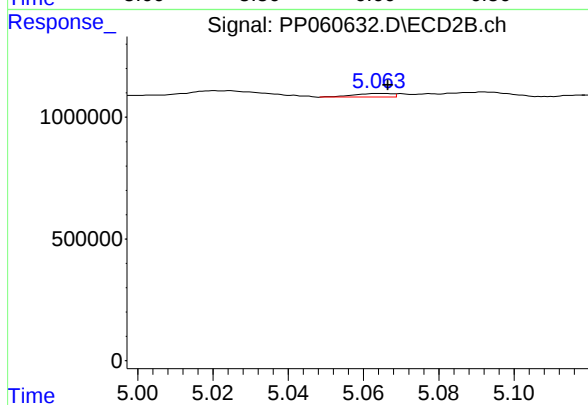
#13 AR-1232-3

R.T.: 4.980 min
Delta R.T.: -0.002 min
Response: 247221
Conc: 12.35 ng/ml



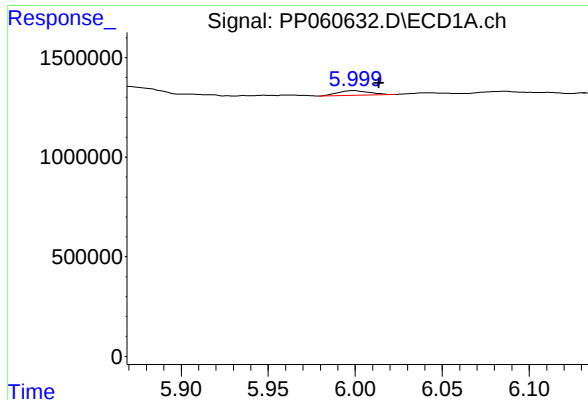
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.922 min
Response: 0
Conc: N.D.



#14 AR-1232-4

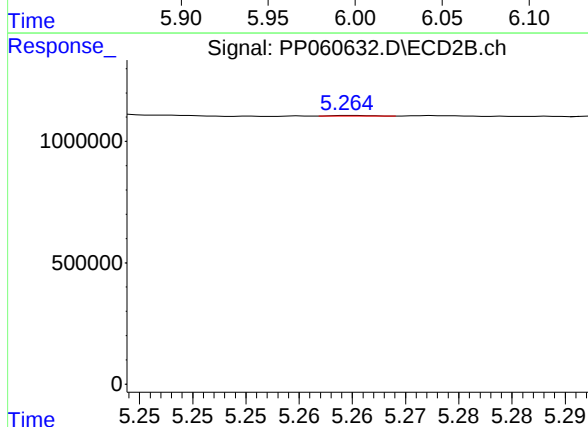
R.T.: 5.064 min
Delta R.T.: -0.003 min
Response: 104268
Conc: 5.59 ng/ml



#15 AR-1232-5

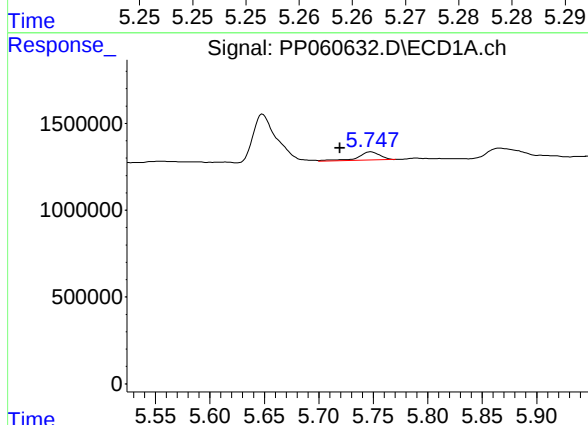
R.T.: 5.999 min
Delta R.T.: -0.015 min
Response: 296609
Conc: 14.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



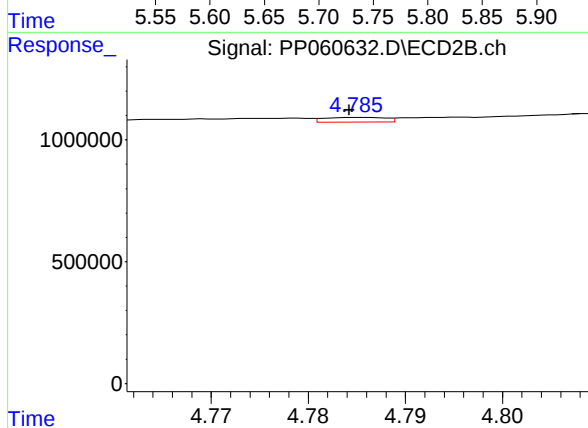
#15 AR-1232-5

R.T.: 5.265 min
Delta R.T.: 0.025 min
Response: 6291
Conc: 0.30 ng/ml



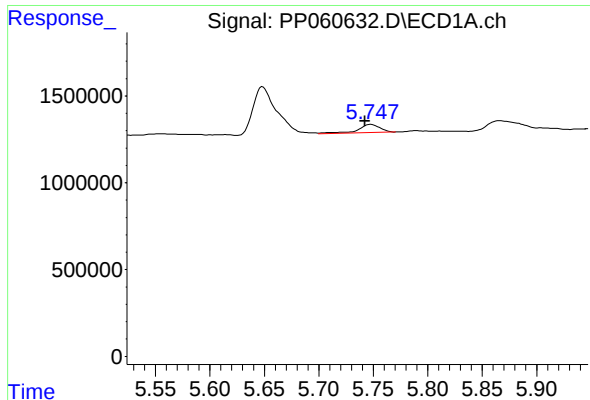
#16 AR-1242-1

R.T.: 5.747 min
Delta R.T.: 0.028 min
Response: 656167
Conc: 10.27 ng/ml



#16 AR-1242-1

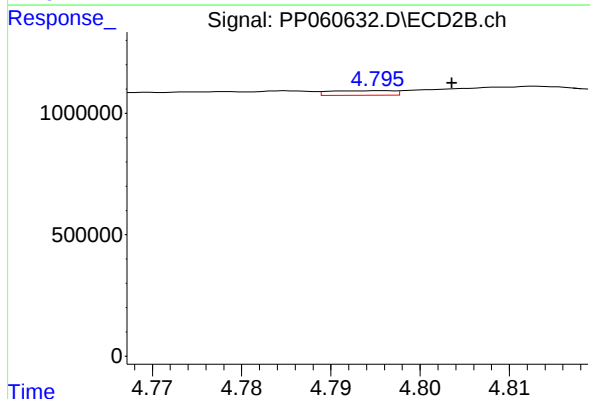
R.T.: 4.785 min
Delta R.T.: 0.000 min
Response: 85087
Conc: 1.68 ng/ml



#17 AR-1242-2

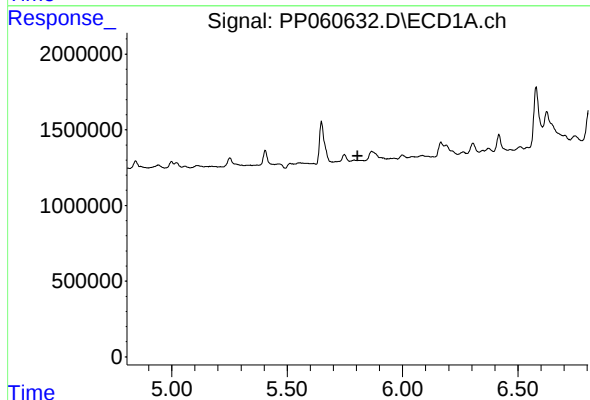
R.T.: 5.747 min
Delta R.T.: 0.005 min
Response: 656167
Conc: 7.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



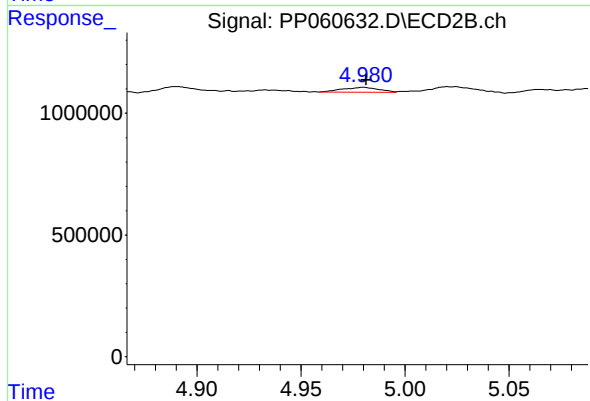
#17 AR-1242-2

R.T.: 4.796 min
Delta R.T.: -0.008 min
Response: 93793
Conc: 1.35 ng/ml



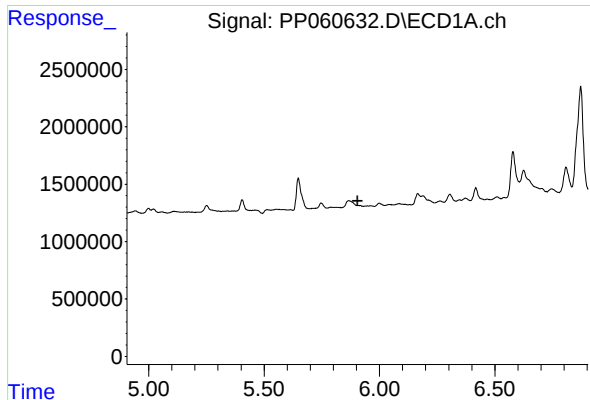
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 5.805 min
Response: 0
Conc: N.D.



#18 AR-1242-3

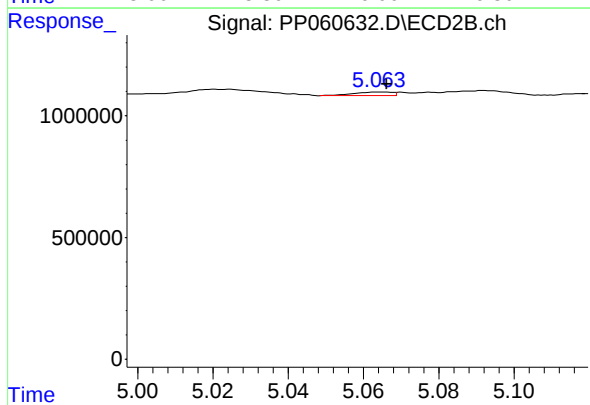
R.T.: 4.980 min
Delta R.T.: -0.001 min
Response: 247221
Conc: 6.42 ng/ml



#19 AR-1242-4

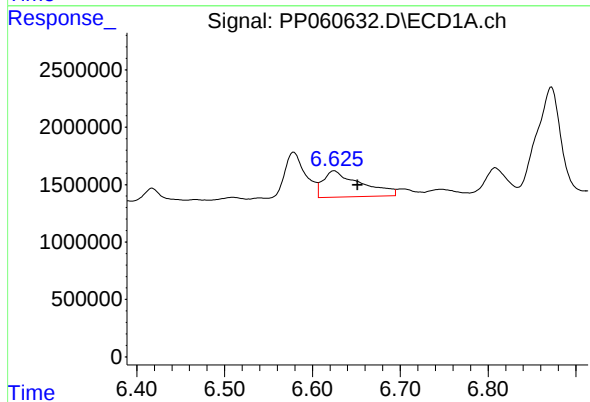
R.T.: 0.000 min
Exp R.T.: 5.905 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



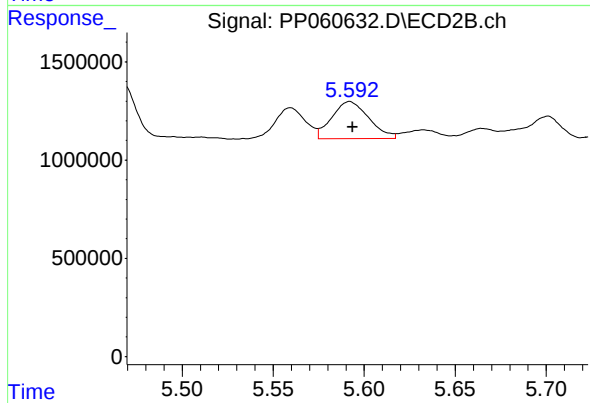
#19 AR-1242-4

R.T.: 5.064 min
Delta R.T.: -0.002 min
Response: 104268
Conc: 2.65 ng/ml



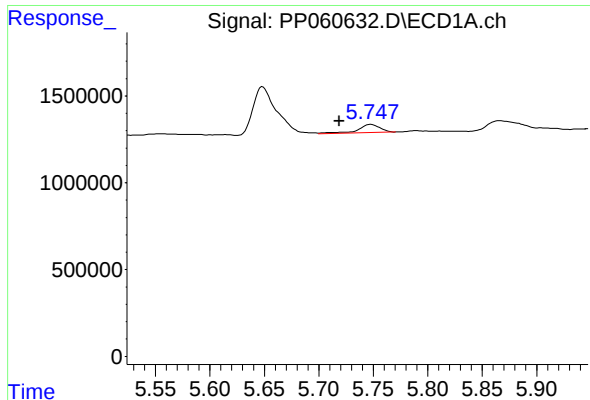
#20 AR-1242-5

R.T.: 6.625 min
Delta R.T.: -0.027 min
Response: 6835596
Conc: 135.91 ng/ml



#20 AR-1242-5

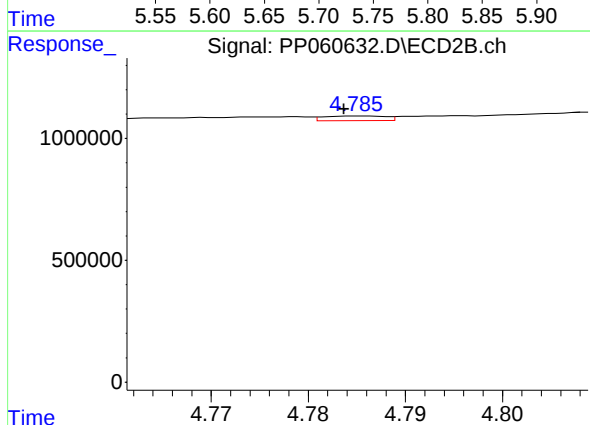
R.T.: 5.592 min
Delta R.T.: -0.002 min
Response: 2679458
Conc: 54.78 ng/ml



#21 AR-1248-1

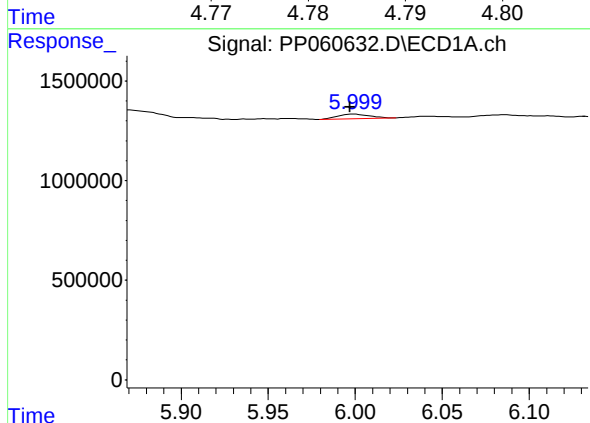
R.T.: 5.747 min
Delta R.T.: 0.029 min
Response: 656167
Conc: 14.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



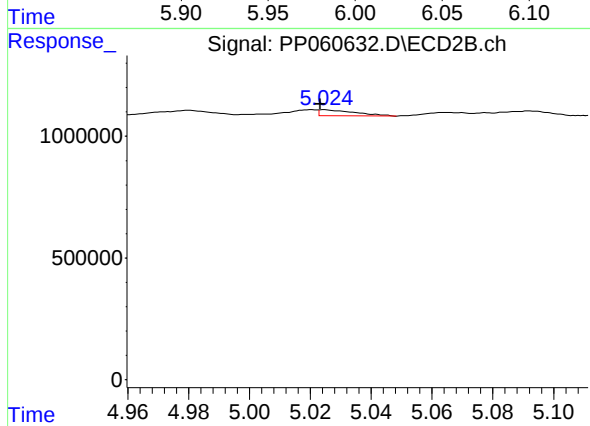
#21 AR-1248-1

R.T.: 4.785 min
Delta R.T.: 0.001 min
Response: 85087
Conc: 2.33 ng/ml



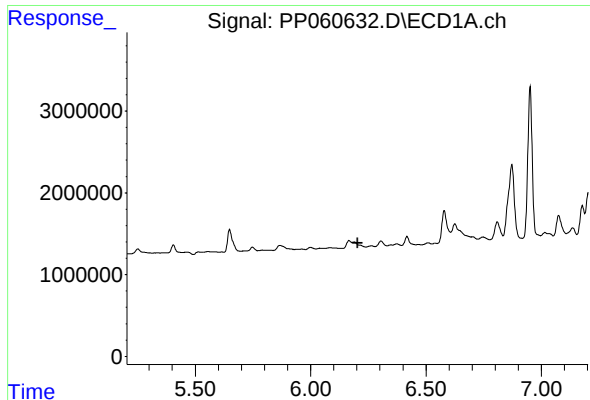
#22 AR-1248-2

R.T.: 5.999 min
Delta R.T.: 0.002 min
Response: 296609
Conc: 4.28 ng/ml



#22 AR-1248-2

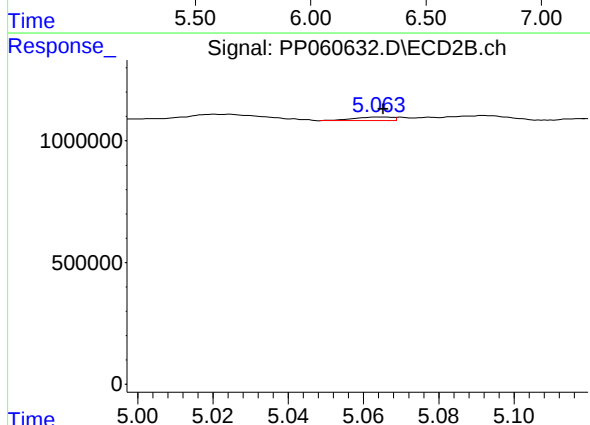
R.T.: 5.025 min
Delta R.T.: 0.001 min
Response: 205376
Conc: 3.93 ng/ml



#23 AR-1248-3

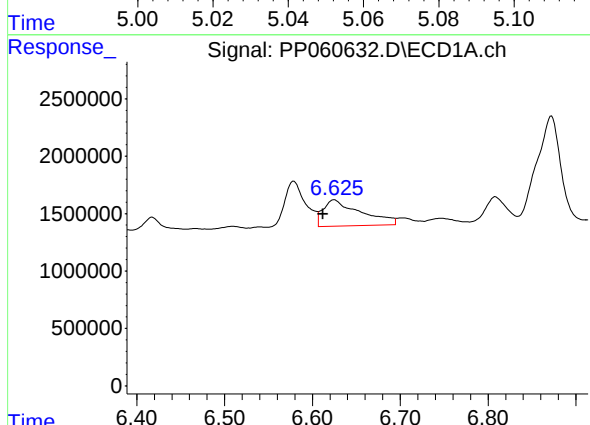
R.T.: 0.000 min
Exp R.T.: 6.204 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



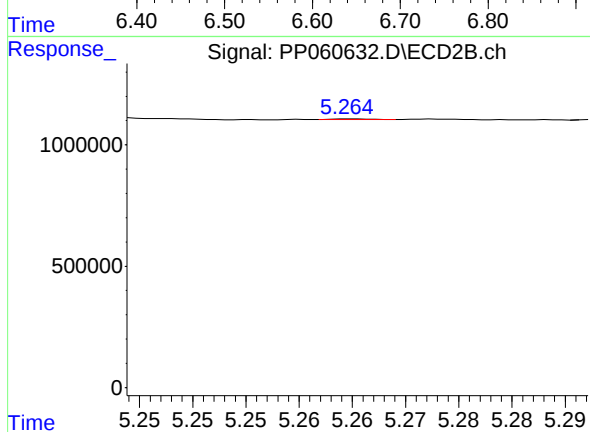
#23 AR-1248-3

R.T.: 5.064 min
Delta R.T.: -0.001 min
Response: 104268
Conc: 1.88 ng/ml



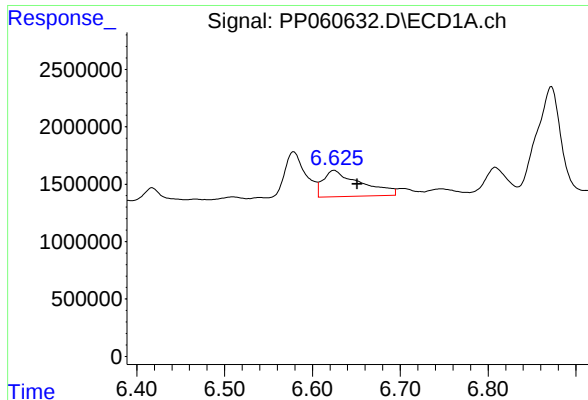
#24 AR-1248-4

R.T.: 6.625 min
Delta R.T.: 0.013 min
Response: 6835596
Conc: 82.65 ng/ml



#24 AR-1248-4

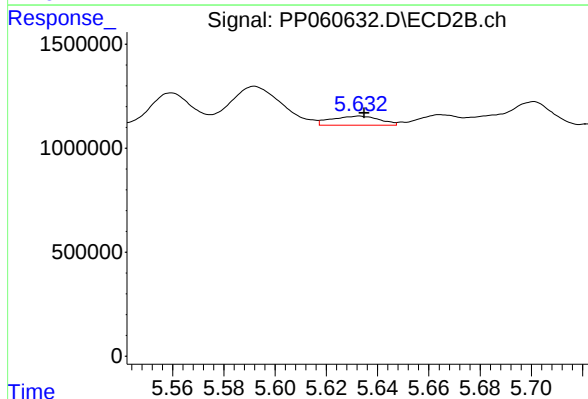
R.T.: 5.265 min
Delta R.T.: 0.026 min
Response: 6291
Conc: 0.10 ng/ml



#25 AR-1248-5

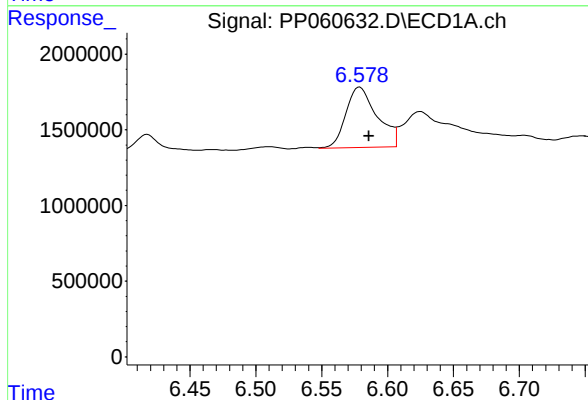
R.T.: 6.625 min
Delta R.T.: -0.026 min
Response: 6835596
Conc: 84.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



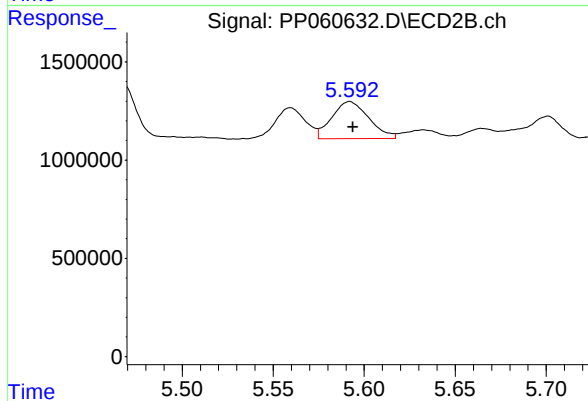
#25 AR-1248-5

R.T.: 5.633 min
Delta R.T.: -0.002 min
Response: 570138
Conc: 8.86 ng/ml



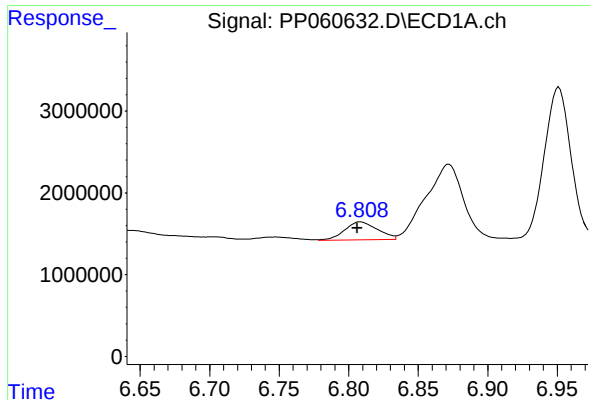
#26 AR-1254-1

R.T.: 6.579 min
Delta R.T.: -0.007 min
Response: 6612248
Conc: 77.48 ng/ml



#26 AR-1254-1

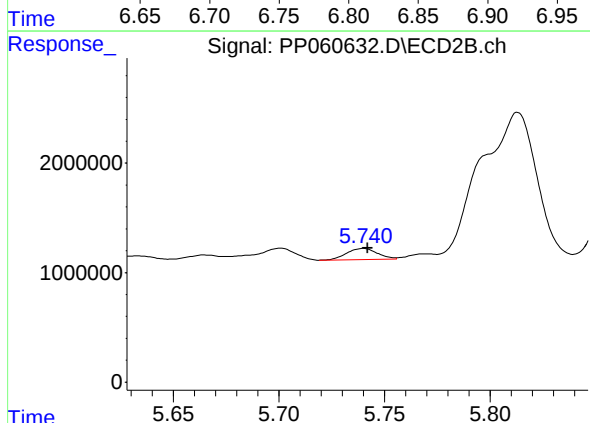
R.T.: 5.592 min
Delta R.T.: -0.002 min
Response: 2679458
Conc: 27.09 ng/ml



#27 AR-1254-2

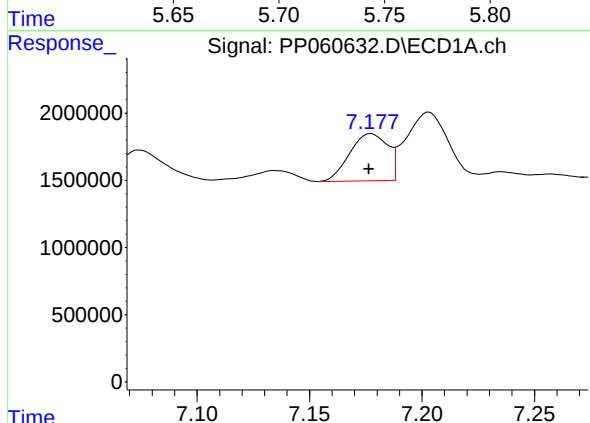
R.T.: 6.808 min
Delta R.T.: 0.002 min
Response: 3643365
Conc: 28.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



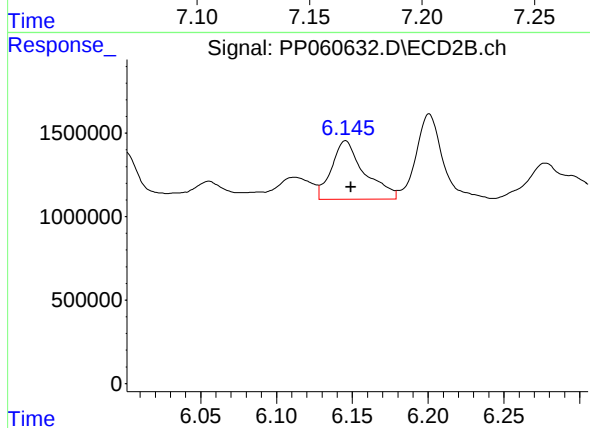
#27 AR-1254-2

R.T.: 5.740 min
Delta R.T.: -0.002 min
Response: 1024341
Conc: 11.92 ng/ml



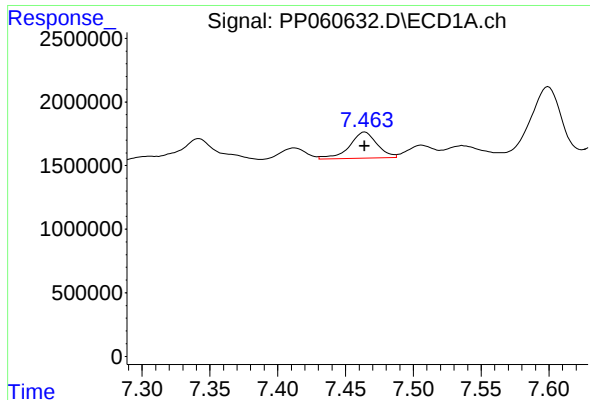
#28 AR-1254-3

R.T.: 7.177 min
Delta R.T.: 0.001 min
Response: 4119663
Conc: 30.99 ng/ml



#28 AR-1254-3

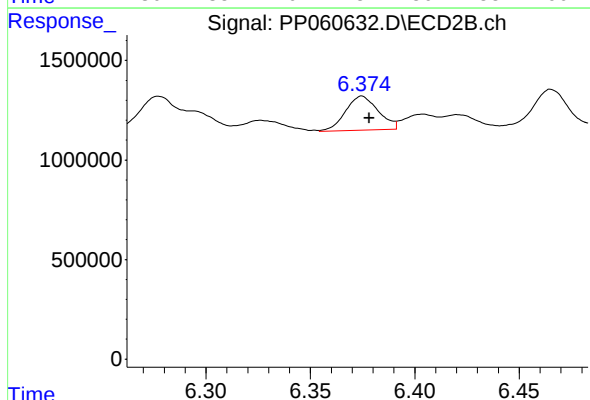
R.T.: 6.146 min
Delta R.T.: -0.003 min
Response: 5286128
Conc: 36.88 ng/ml



#29 AR-1254-4

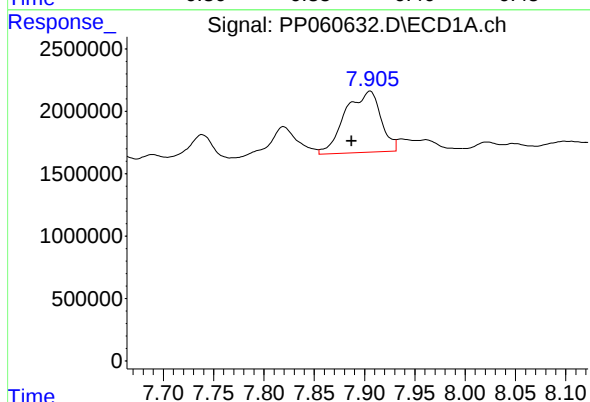
R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 2891158
Conc: 29.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



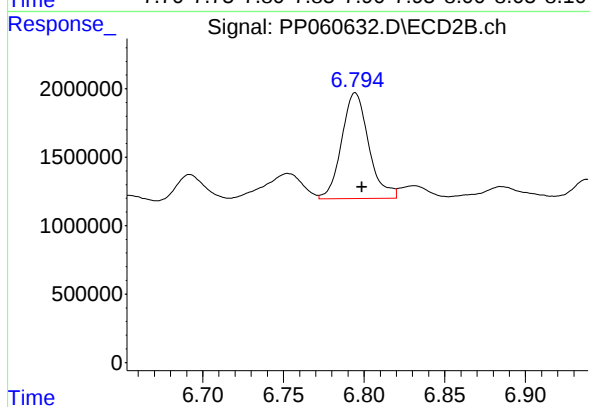
#29 AR-1254-4

R.T.: 6.375 min
Delta R.T.: -0.003 min
Response: 1854229
Conc: 21.27 ng/ml



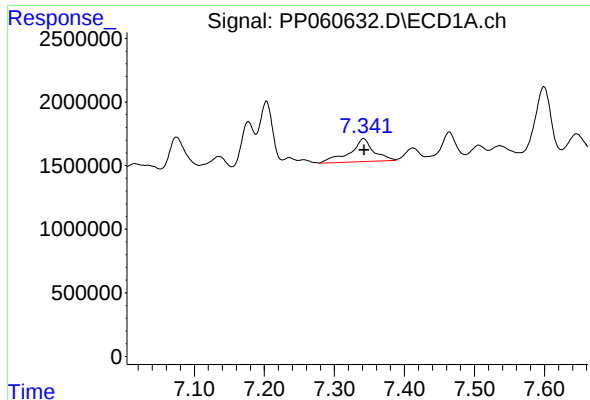
#30 AR-1254-5

R.T.: 7.906 min
Delta R.T.: 0.019 min
Response: 12117124
Conc: 111.84 ng/ml



#30 AR-1254-5

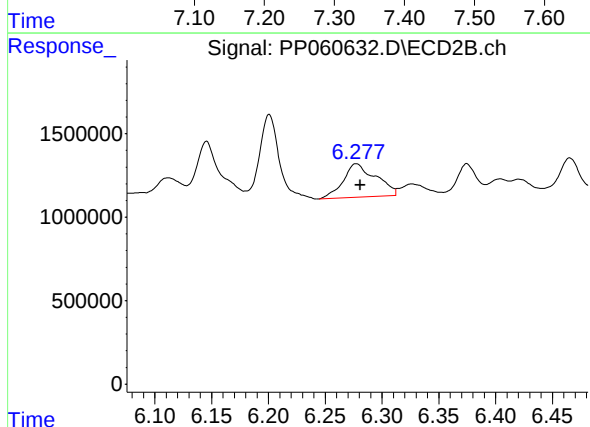
R.T.: 6.795 min
Delta R.T.: -0.004 min
Response: 9042501
Conc: 71.36 ng/ml



#31 AR-1260-1

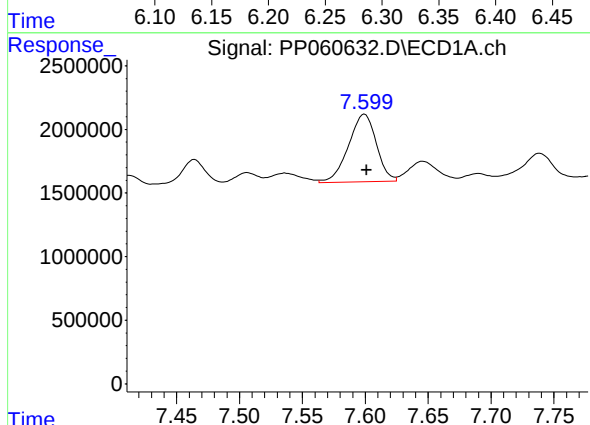
R.T.: 7.342 min
Delta R.T.: 0.000 min
Response: 4273509
Conc: 40.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



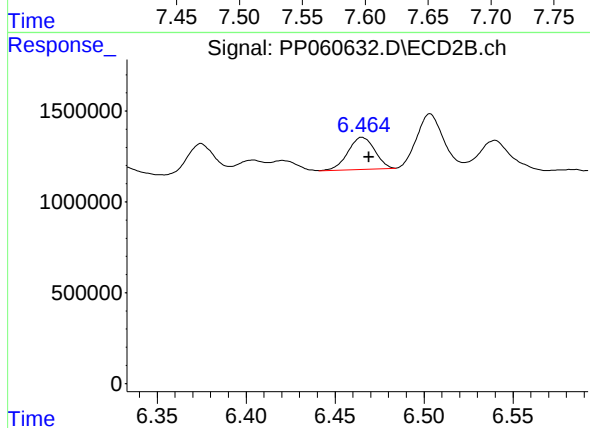
#31 AR-1260-1

R.T.: 6.277 min
Delta R.T.: -0.004 min
Response: 3988338
Conc: 39.73 ng/ml



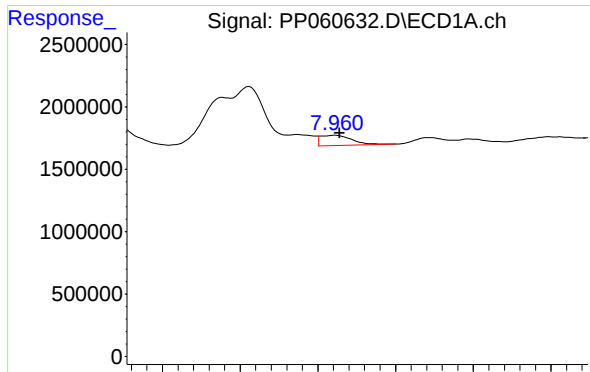
#32 AR-1260-2

R.T.: 7.599 min
Delta R.T.: -0.002 min
Response: 8201870
Conc: 67.84 ng/ml



#32 AR-1260-2

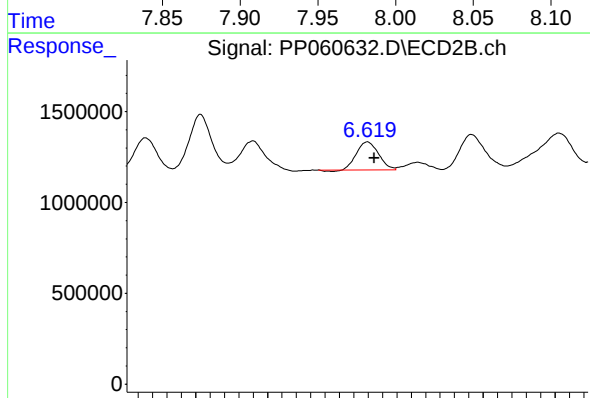
R.T.: 6.465 min
Delta R.T.: -0.004 min
Response: 1850716
Conc: 15.51 ng/ml



#33 AR-1260-3

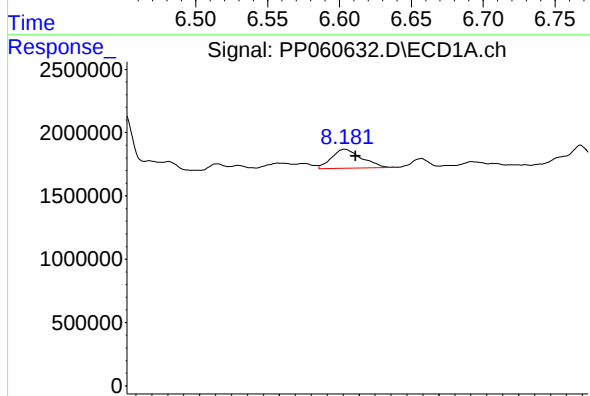
R.T.: 7.961 min
Delta R.T.: -0.003 min
Response: 1153412
Conc: 12.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



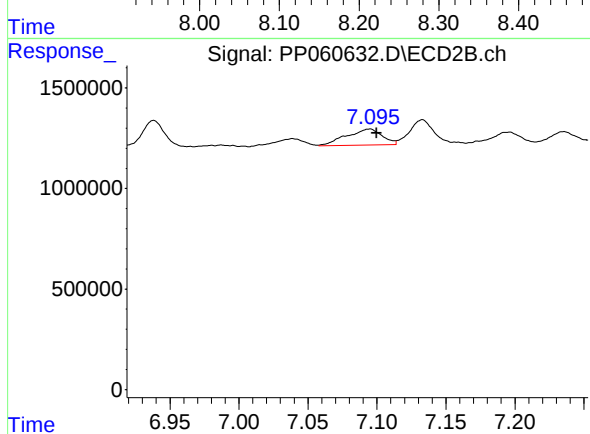
#33 AR-1260-3

R.T.: 6.620 min
Delta R.T.: -0.005 min
Response: 1634719
Conc: 14.28 ng/ml



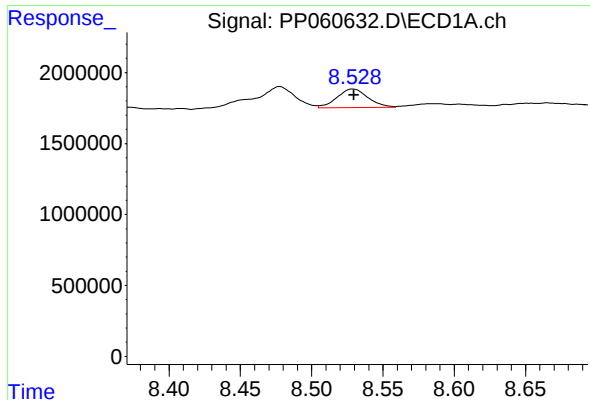
#34 AR-1260-4

R.T.: 8.182 min
Delta R.T.: -0.014 min
Response: 3917060
Conc: 36.94 ng/ml



#34 AR-1260-4

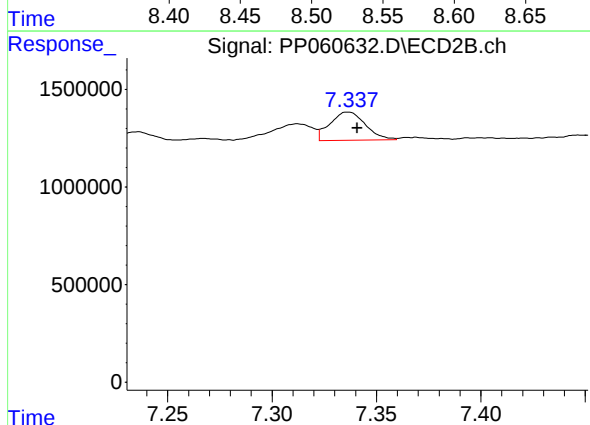
R.T.: 7.095 min
Delta R.T.: -0.005 min
Response: 1436259
Conc: 15.09 ng/ml



#35 AR-1260-5

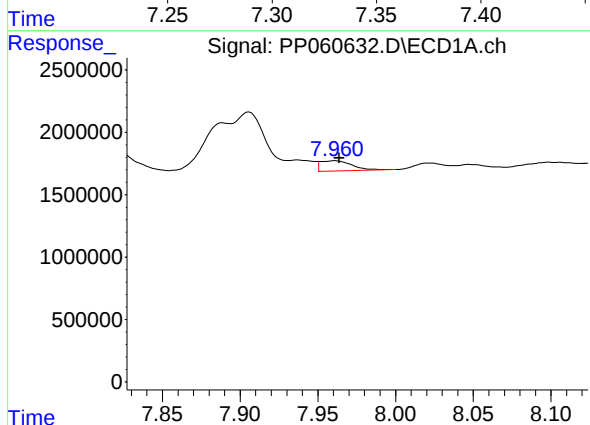
R.T.: 8.529 min
Delta R.T.: 0.000 min
Response: 1975264
Conc: 10.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



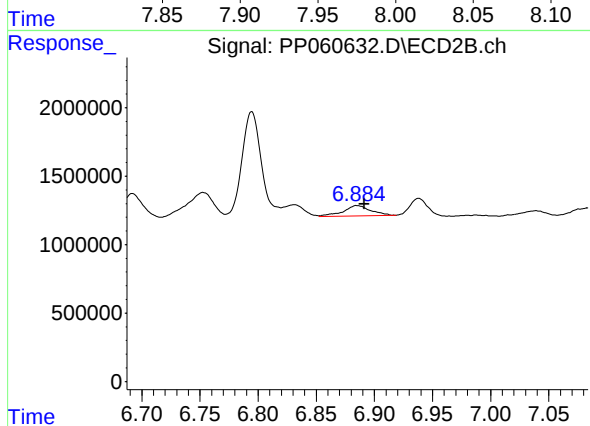
#35 AR-1260-5

R.T.: 7.336 min
Delta R.T.: -0.004 min
Response: 1711179
Conc: 7.90 ng/ml



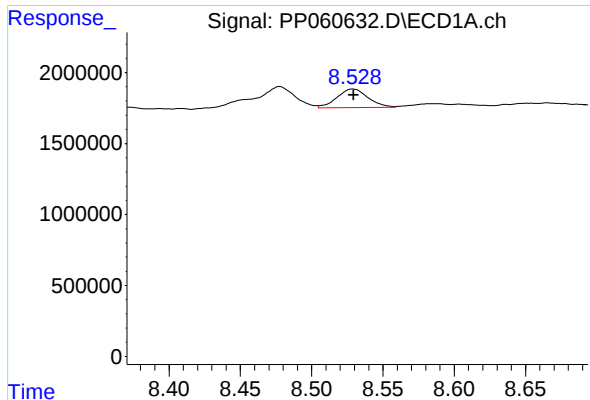
#36 AR-1262-1

R.T.: 7.961 min
Delta R.T.: -0.002 min
Response: 1153412
Conc: 9.25 ng/ml



#36 AR-1262-1

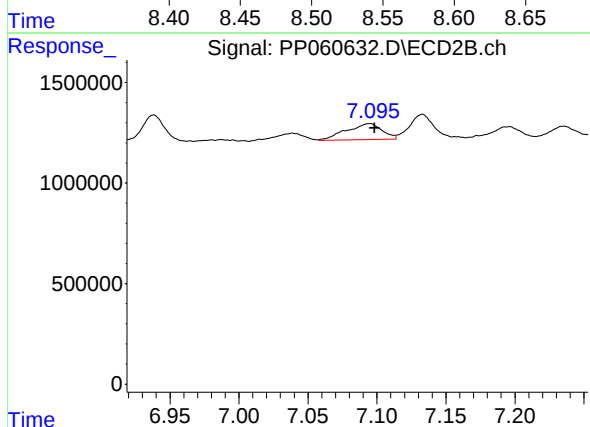
R.T.: 6.885 min
Delta R.T.: -0.006 min
Response: 1237467
Conc: 23.11 ng/ml



#37 AR-1262-2

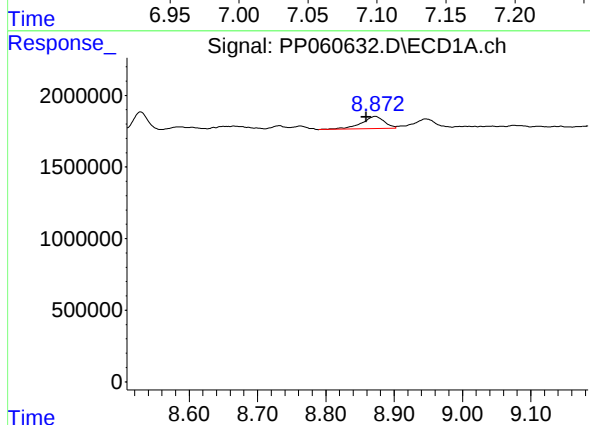
R.T.: 8.529 min
Delta R.T.: 0.000 min
Response: 1975264
Conc: 9.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



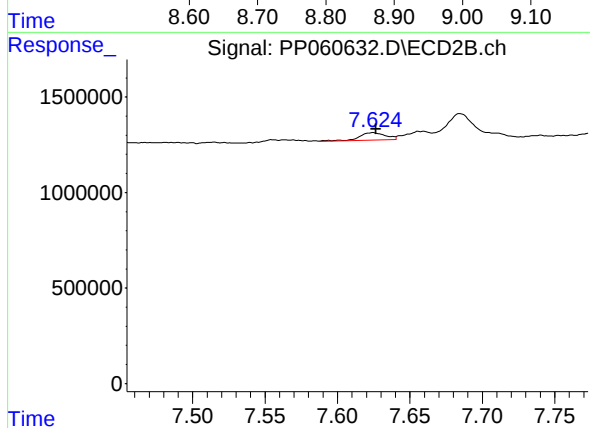
#37 AR-1262-2

R.T.: 7.095 min
Delta R.T.: -0.004 min
Response: 1436259
Conc: 12.18 ng/ml



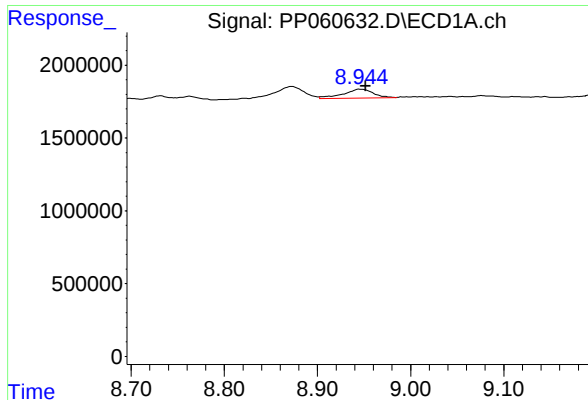
#38 AR-1262-3

R.T.: 8.873 min
Delta R.T.: 0.013 min
Response: 2006664
Conc: 13.26 ng/ml



#38 AR-1262-3

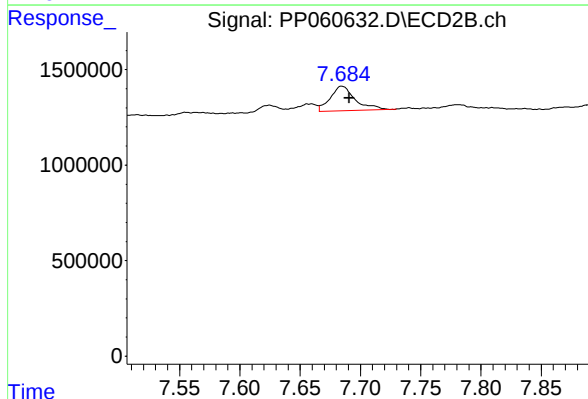
R.T.: 7.624 min
Delta R.T.: -0.002 min
Response: 501007
Conc: 5.43 ng/ml



#39 AR-1262-4

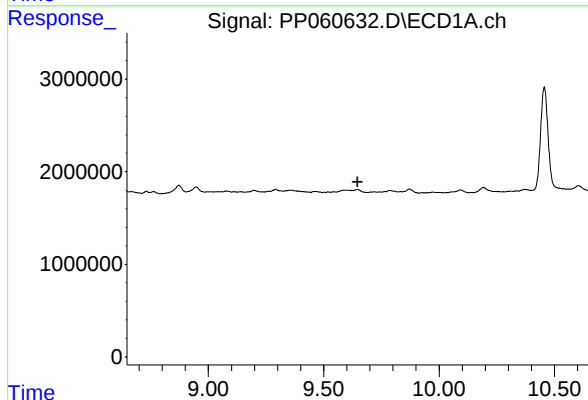
R.T.: 8.946 min
Delta R.T.: -0.006 min
Response: 1356785
Conc: 11.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



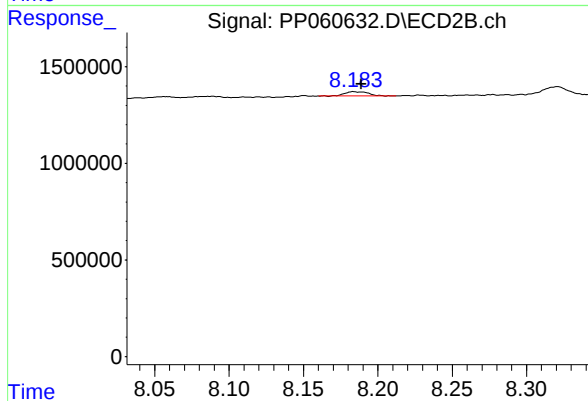
#39 AR-1262-4

R.T.: 7.685 min
Delta R.T.: -0.006 min
Response: 1856888
Conc: 11.02 ng/ml



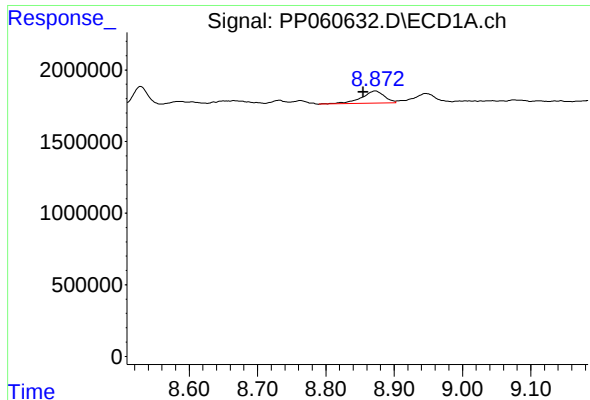
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.646 min
Response: 0
Conc: N.D.



#40 AR-1262-5

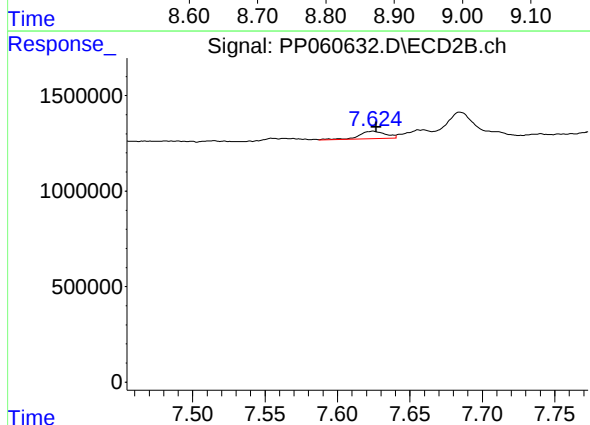
R.T.: 8.184 min
Delta R.T.: -0.005 min
Response: 237710
Conc: 3.07 ng/ml



#41 AR-1268-1

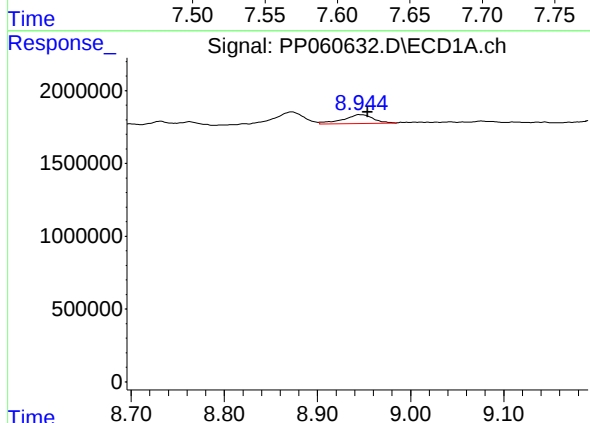
R.T.: 8.873 min
Delta R.T.: 0.018 min
Response: 2006664
Conc: 7.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



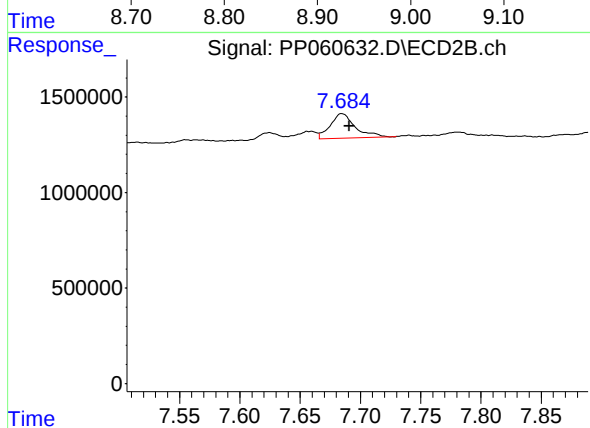
#41 AR-1268-1

R.T.: 7.624 min
Delta R.T.: -0.002 min
Response: 501007
Conc: 1.84 ng/ml



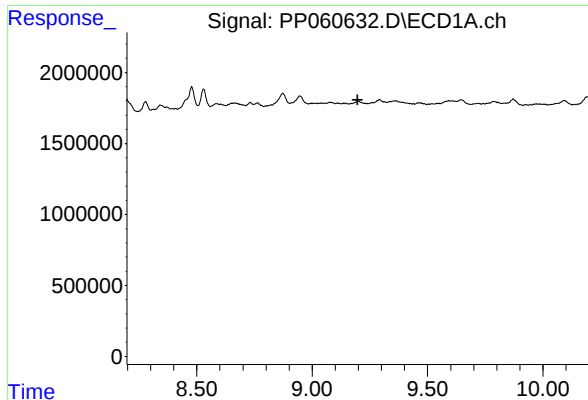
#42 AR-1268-2

R.T.: 8.946 min
Delta R.T.: -0.008 min
Response: 1356785
Conc: 5.57 ng/ml



#42 AR-1268-2

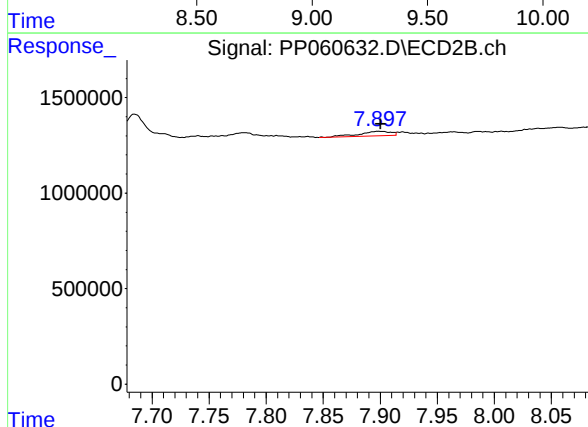
R.T.: 7.685 min
Delta R.T.: -0.006 min
Response: 1856888
Conc: 7.61 ng/ml



#43 AR-1268-3

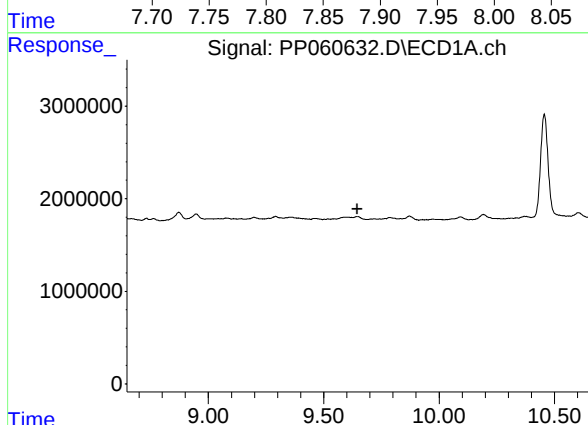
R.T.: 0.000 min
Exp R.T.: 9.196 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



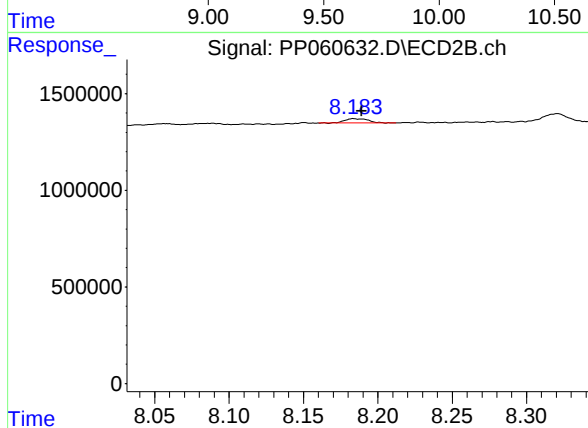
#43 AR-1268-3

R.T.: 7.899 min
Delta R.T.: -0.001 min
Response: 432633
Conc: 2.02 ng/ml



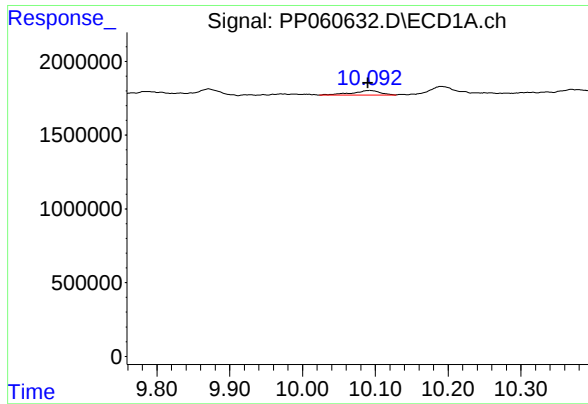
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.646 min
Response: 0
Conc: N.D.



#44 AR-1268-4

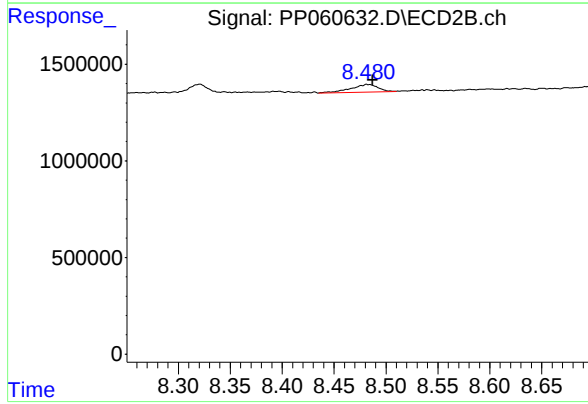
R.T.: 8.184 min
Delta R.T.: -0.005 min
Response: 237710
Conc: 2.71 ng/ml



#45 AR-1268-5

R.T.: 10.093 min
Delta R.T.: 0.003 min
Response: 809153
Conc: 1.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.482 min
Delta R.T.: -0.005 min
Response: 728680
Conc: 1.17 ng/ml