

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102023\
 Data File : PP061159.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2023 23:47
 Operator : YP\AJ
 Sample : 04981-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 02:23:29 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...	4.559	3.693	38252416	22616053	17.401	16.728
2)	SA Decachlor...	10.532	8.766	30890823	20627848	19.726	13.720 #
Target Compounds							
3)	L1 AR-1016-1	5.731	4.783	9304634	3470670	129.609	66.687 #
4)	L1 AR-1016-2	5.780f	4.797	8448272	4314471	82.366	60.242 #
5)	L1 AR-1016-3	5.843f	4.989	9831985	8449700	157.337	209.114 #
6)	L1 AR-1016-4	5.919	5.050f	35090701	5577634	686.929	172.436 #
7)	L1 AR-1016-5	6.200f	5.255	47622545	1284166	941.923	30.756 #
8)	L2 AR-1221-1	4.771	0.000	7509476	0	267.346	N.D. #
9)	L2 AR-1221-2	0.000	4.001	0	260546	N.D.	17.736 #
12)	L3 AR-1232-2	0.000	4.797	0	4314471	N.D.	130.465 #
13)	L3 AR-1232-3	5.780	4.989	8448272	8449700	180.026	455.985 #
14)	L3 AR-1232-4	5.919	5.063	35090701	944369	1499.850	56.217 #
15)	L3 AR-1232-5	6.029	5.255	17364290	1284166	891.000	68.362 #
16)	L4 AR-1242-1	5.731	4.783	9304634	3470670	165.627	85.976 #
17)	L4 AR-1242-2	5.780	4.797	8448272	4314471	106.201	78.800 #
18)	L4 AR-1242-3	5.843f	4.989	9831985	8449700	198.048	272.000 #
19)	L4 AR-1242-4	5.919	5.063	35090701	944369	878.452	30.058 #
20)	L4 AR-1242-5	6.664	5.605	22552587	6991573	555.810	178.812 #
21)	L5 AR-1248-1	5.731	4.783	9304634	3470670	214.292	112.413 #
22)	L5 AR-1248-2	6.029	5.050f	17364290	5577634	268.547	127.322 #
23)	L5 AR-1248-3	6.200f	5.063	47622545	944369	678.237	20.373 #
24)	L5 AR-1248-4	6.636	5.255	13545672	1284166	177.283	23.230 #
25)	L5 AR-1248-5	6.664	5.652	22552587	1844271	305.619	35.377 #
26)	L6 AR-1254-1	6.636f	5.605	13545672	6991573	171.271	90.493 #
27)	L6 AR-1254-2	6.856f	5.753	14268629	2276551	119.776	32.857 #
28)	L6 AR-1254-3	7.231f	6.159	7029368	335599	57.458	2.966 #
29)	L6 AR-1254-4	7.482	6.409f	3886988	798044	44.161	11.615 #
30)	L6 AR-1254-5	0.000	6.811	0	3376546	N.D.	31.566 #
31)	L7 AR-1260-1	0.000	6.315f	0	1060796	N.D.	12.819 #
32)	L7 AR-1260-2	7.638	6.477	10055246	626820	92.617	6.365 #
33)	L7 AR-1260-3	8.005	6.637	4819707	467449	69.346	4.943 #
34)	L7 AR-1260-4	8.212	7.116	379211	520979	4.445	7.269 #
35)	L7 AR-1260-5	0.000	7.355	0	653498	N.D.	3.896 #
36)	L8 AR-1262-1	8.005	0.000	4819707	0	38.372	N.D. #
37)	L8 AR-1262-2	0.000	7.116	0	520979	N.D.	4.946 #
38)	L8 AR-1262-3	0.000	7.646	0	463153	N.D.	5.532 #
39)	L8 AR-1262-4	9.003	7.700	1762622	1954468	15.584	12.925
40)	L8 AR-1262-5	9.672f	8.209	9708609	353328	129.030	4.992 #
41)	L9 AR-1268-1	0.000	7.646	0	463153	N.D.	1.931 #
42)	L9 AR-1268-2	9.003	7.700	1762622	1954468	7.517	9.109
43)	L9 AR-1268-3	0.000	7.920	0	753290	N.D.	3.977 #

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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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	9.672f	8.209	9708609	353328	120.535	4.611 #
45) L9	AR-1268-5	0.000	8.506	0	250072	N.D.	0.453 #

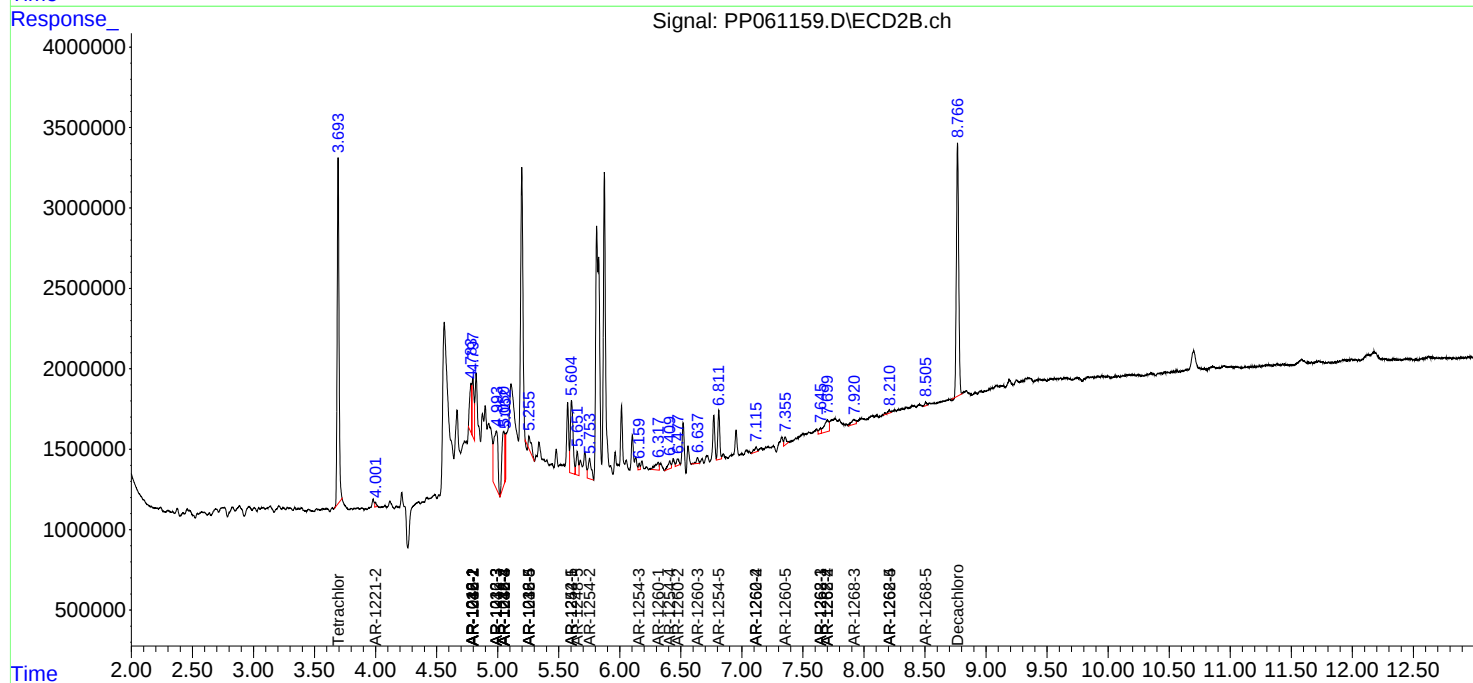
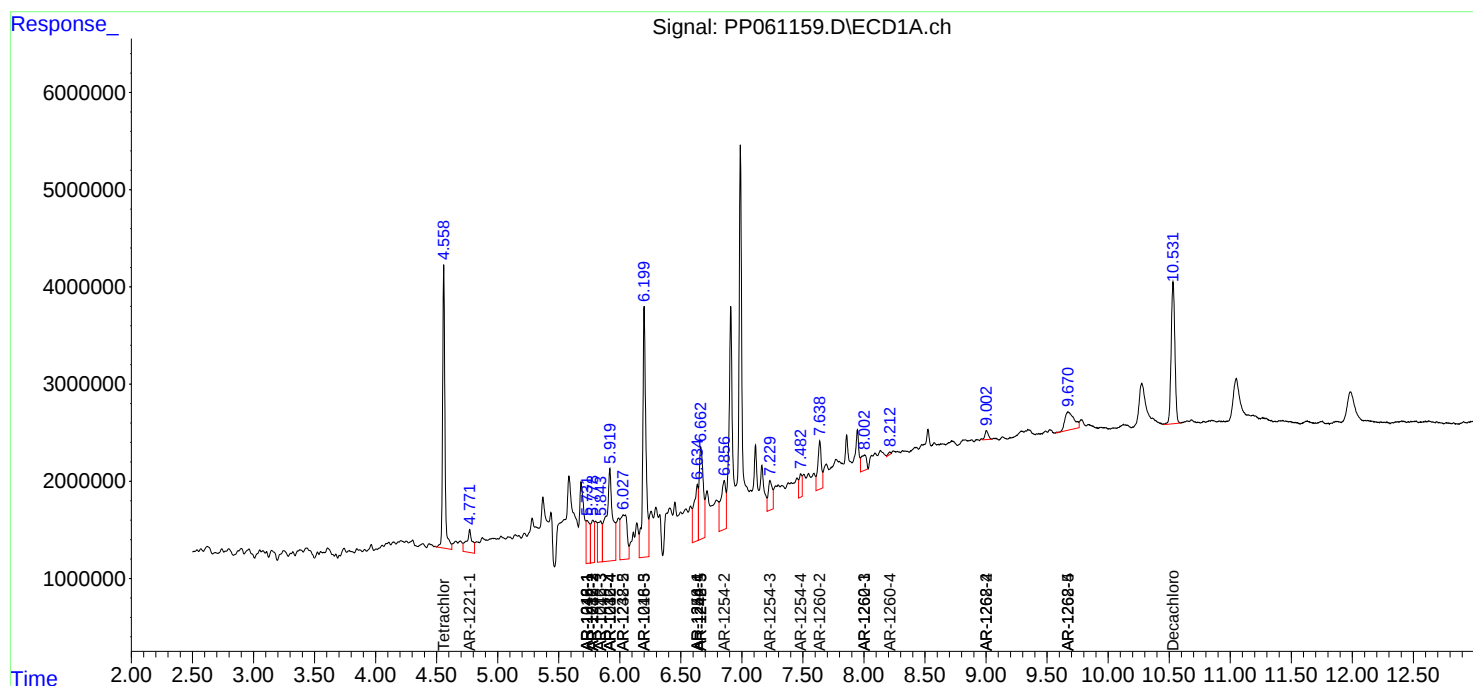
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

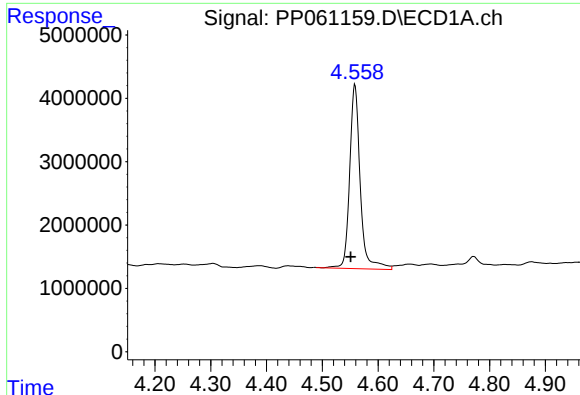
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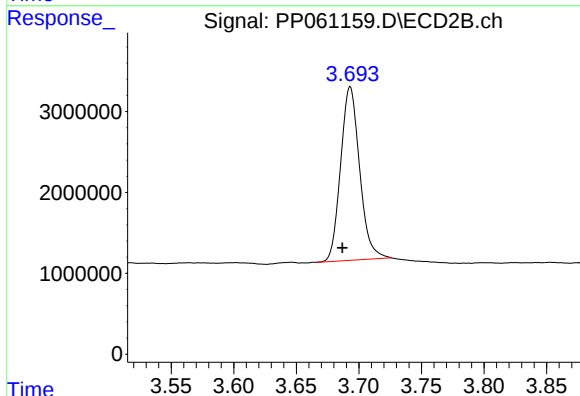




#1 Tetrachloro-m-xylene

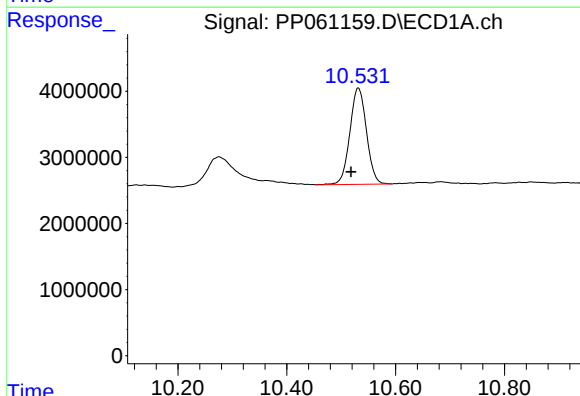
R.T.: 4.559 min
Delta R.T.: 0.008 min
Response: 38252416
Conc: 17.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



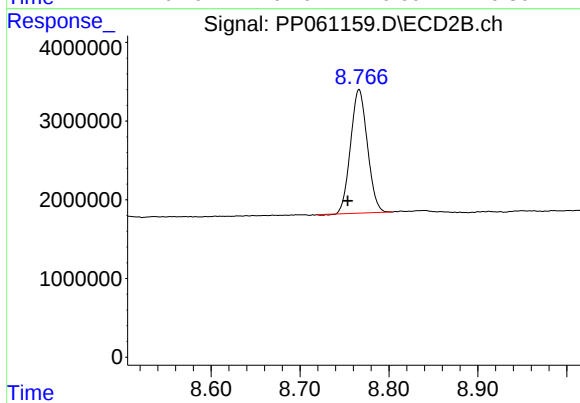
#1 Tetrachloro-m-xylene

R.T.: 3.693 min
Delta R.T.: 0.006 min
Response: 22616053
Conc: 16.73 ng/ml



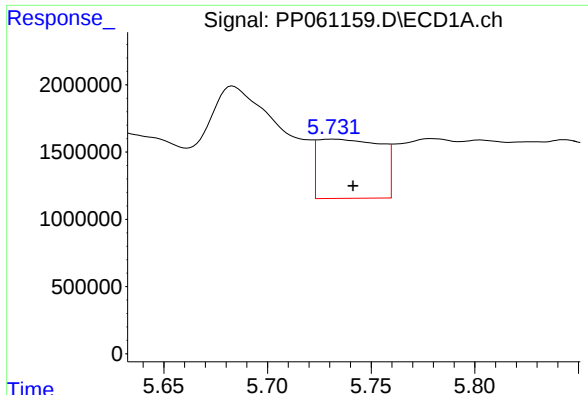
#2 Decachlorobiphenyl

R.T.: 10.532 min
Delta R.T.: 0.014 min
Response: 30890823
Conc: 19.73 ng/ml



#2 Decachlorobiphenyl

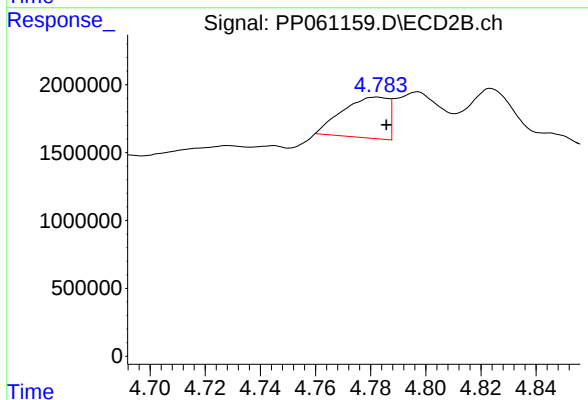
R.T.: 8.766 min
Delta R.T.: 0.013 min
Response: 20627848
Conc: 13.72 ng/ml



#3 AR-1016-1

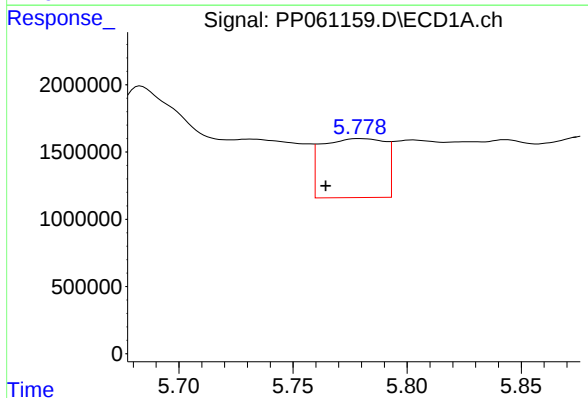
R.T.: 5.731 min
Delta R.T.: -0.010 min
Response: 9304634
Conc: 129.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



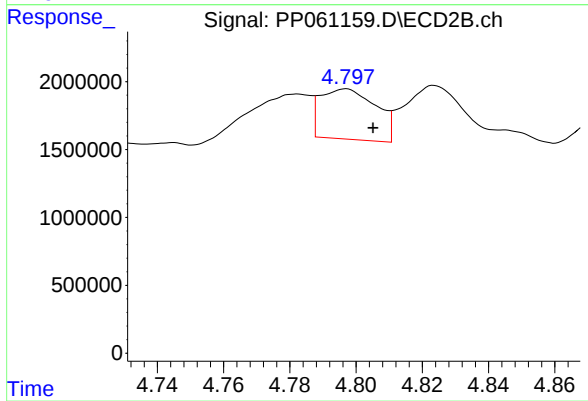
#3 AR-1016-1

R.T.: 4.783 min
Delta R.T.: -0.003 min
Response: 3470670
Conc: 66.69 ng/ml



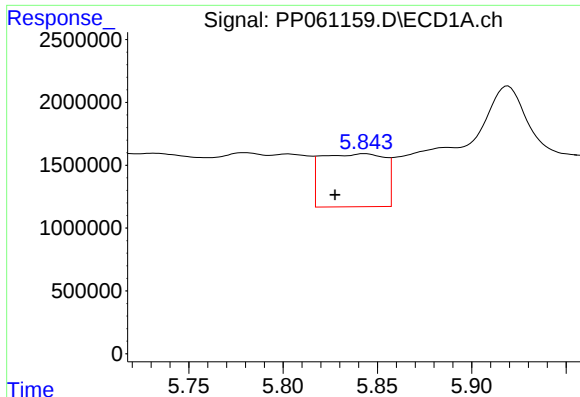
#4 AR-1016-2

R.T.: 5.780 min
Delta R.T.: 0.015 min
Response: 8448272
Conc: 82.37 ng/ml



#4 AR-1016-2

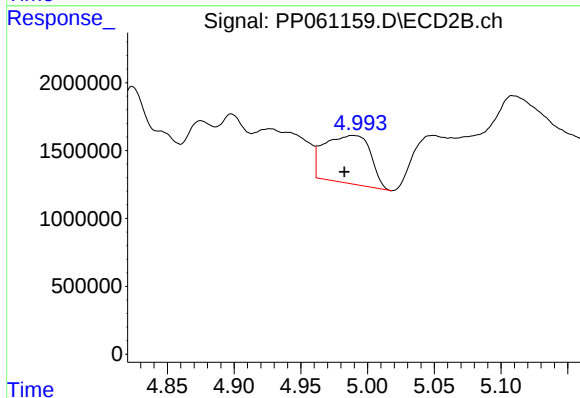
R.T.: 4.797 min
Delta R.T.: -0.008 min
Response: 4314471
Conc: 60.24 ng/ml



#5 AR-1016-3

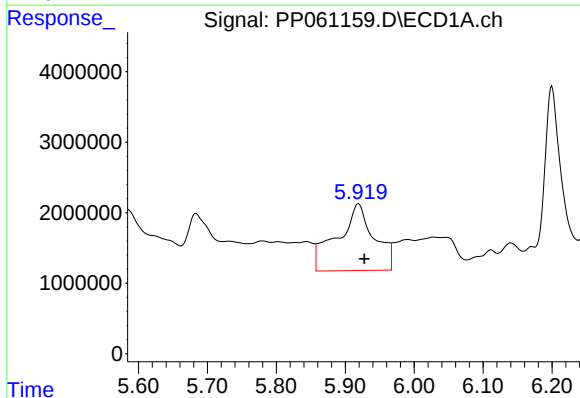
R.T.: 5.843 min
Delta R.T.: 0.016 min
Response: 9831985
Conc: 157.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



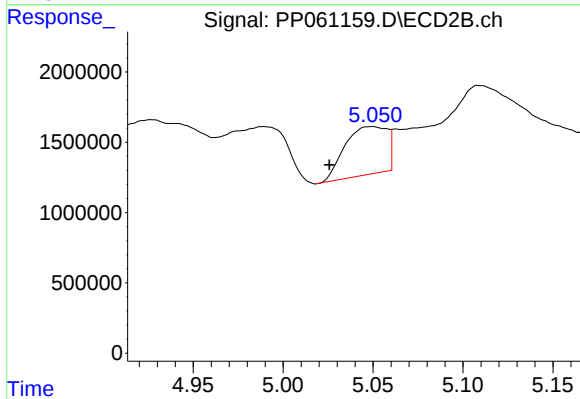
#5 AR-1016-3

R.T.: 4.989 min
Delta R.T.: 0.006 min
Response: 8449700
Conc: 209.11 ng/ml



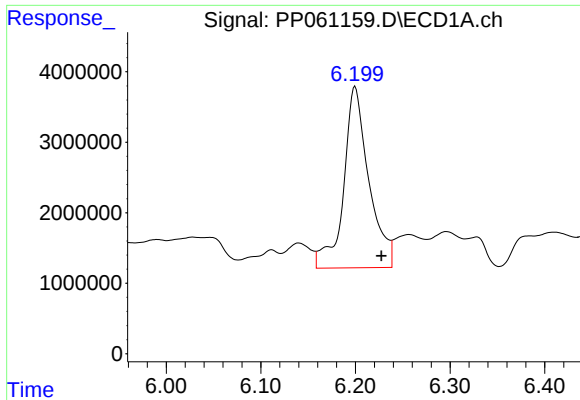
#6 AR-1016-4

R.T.: 5.919 min
Delta R.T.: -0.009 min
Response: 35090701
Conc: 686.93 ng/ml



#6 AR-1016-4

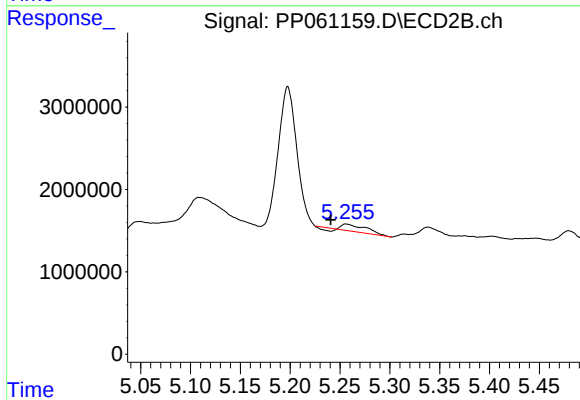
R.T.: 5.050 min
Delta R.T.: 0.024 min
Response: 5577634
Conc: 172.44 ng/ml



#7 AR-1016-5

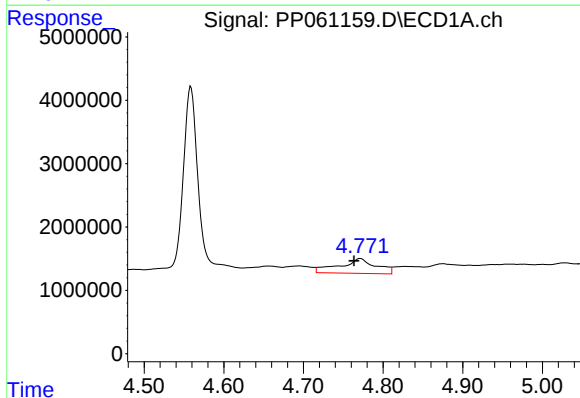
R.T.: 6.200 min
Delta R.T.: -0.028 min
Response: 47622545
Conc: 941.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



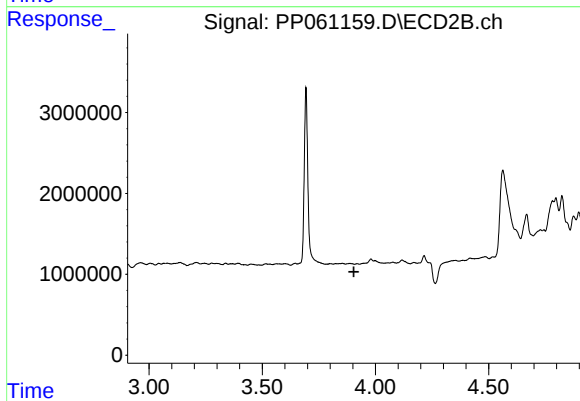
#7 AR-1016-5

R.T.: 5.255 min
Delta R.T.: 0.015 min
Response: 1284166
Conc: 30.76 ng/ml



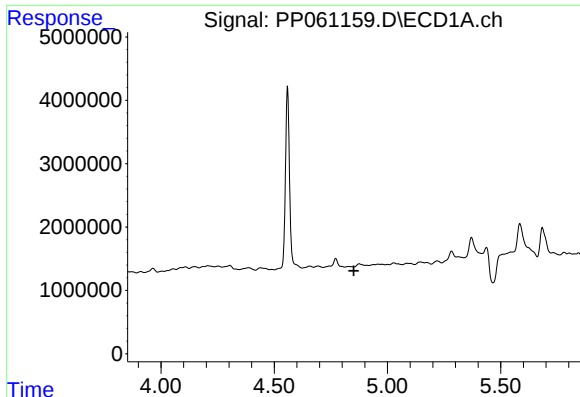
#8 AR-1221-1

R.T.: 4.771 min
Delta R.T.: 0.008 min
Response: 7509476
Conc: 267.35 ng/ml



#8 AR-1221-1

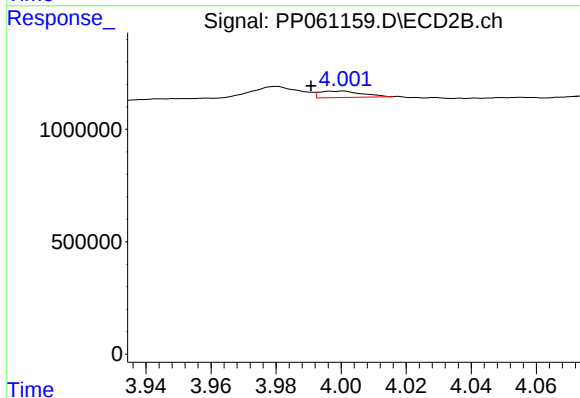
R.T.: 0.000 min
Exp R.T. : 3.905 min
Response: 0
Conc: N.D.



#9 AR-1221-2

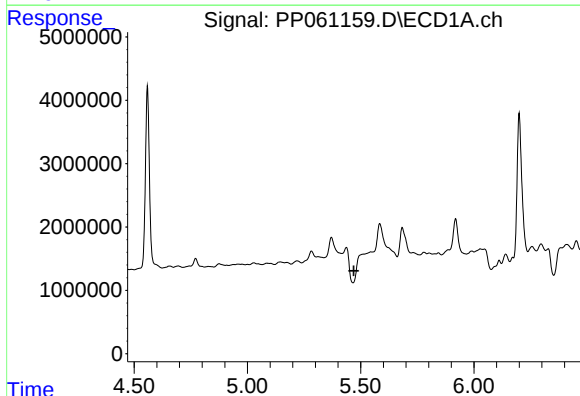
R.T.: 0.000 min
Exp R.T.: 4.851 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



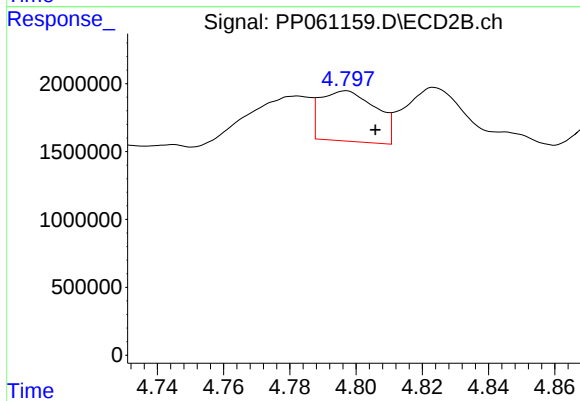
#9 AR-1221-2

R.T.: 4.001 min
Delta R.T.: 0.010 min
Response: 260546
Conc: 17.74 ng/ml



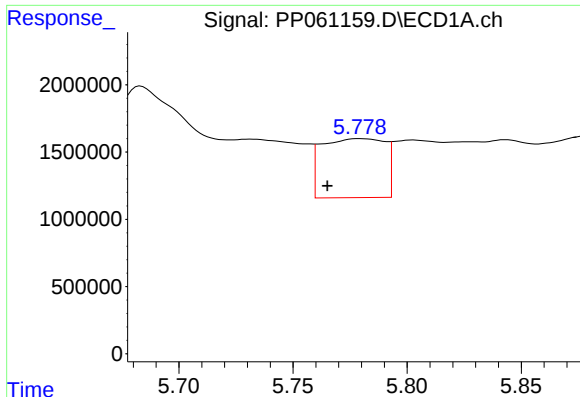
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.470 min
Response: 0
Conc: N.D.



#12 AR-1232-2

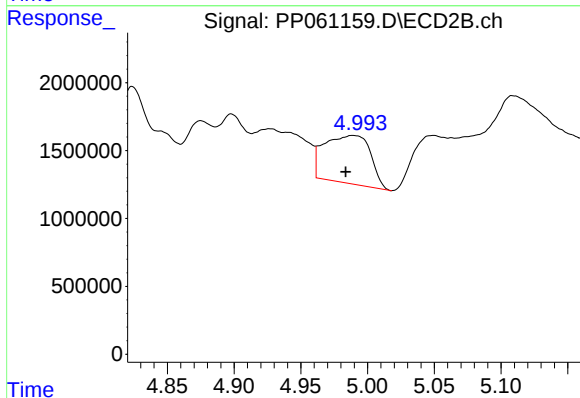
R.T.: 4.797 min
Delta R.T.: -0.009 min
Response: 4314471
Conc: 130.46 ng/ml



#13 AR-1232-3

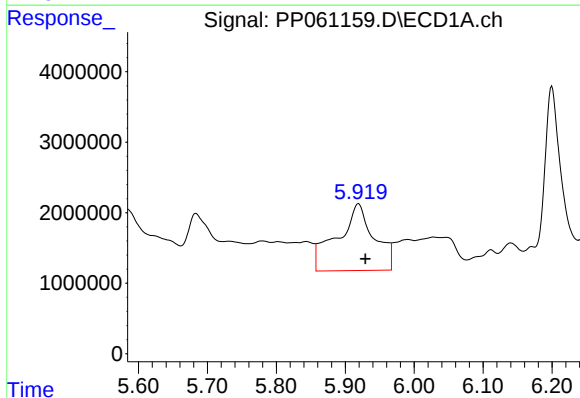
R.T.: 5.780 min
Delta R.T.: 0.014 min
Response: 8448272
Conc: 180.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



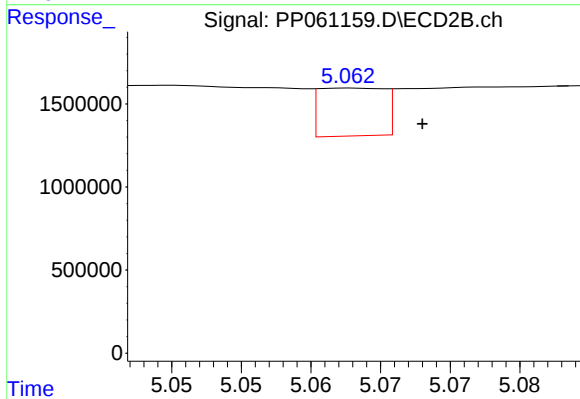
#13 AR-1232-3

R.T.: 4.989 min
Delta R.T.: 0.005 min
Response: 8449700
Conc: 455.98 ng/ml



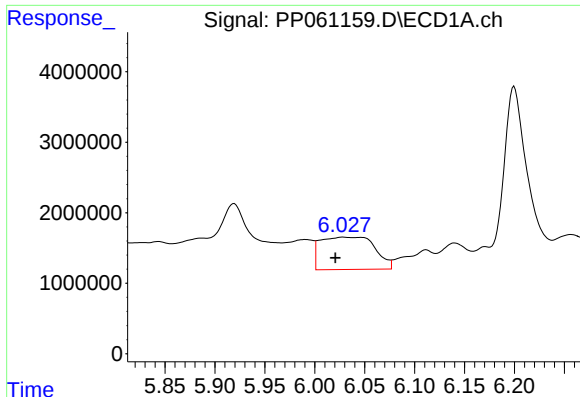
#14 AR-1232-4

R.T.: 5.919 min
Delta R.T.: -0.010 min
Response: 35090701
Conc: 1499.85 ng/ml



#14 AR-1232-4

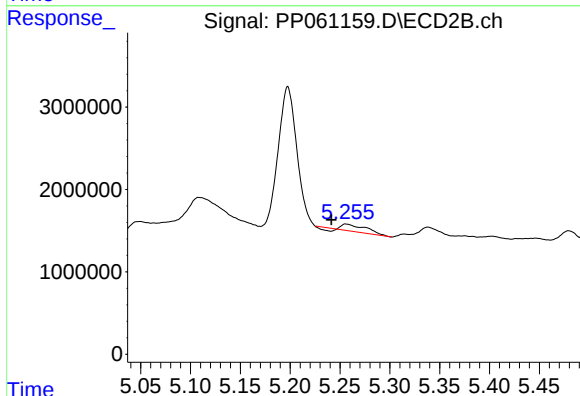
R.T.: 5.063 min
Delta R.T.: -0.005 min
Response: 944369
Conc: 56.22 ng/ml



#15 AR-1232-5

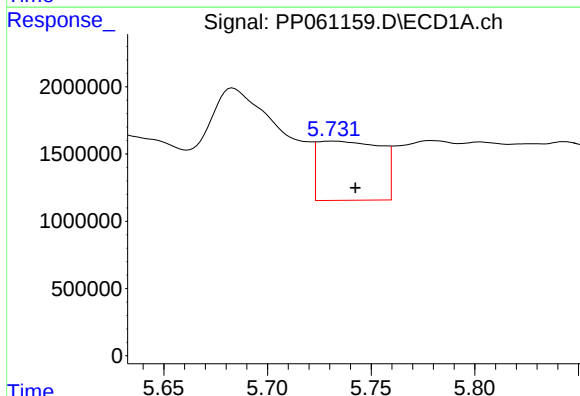
R.T.: 6.029 min
Delta R.T.: 0.008 min
Response: 17364290
Conc: 891.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



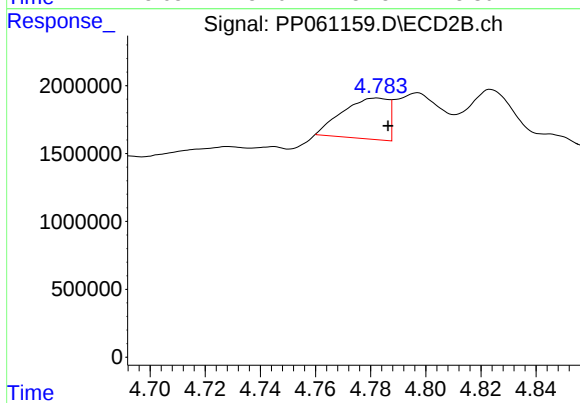
#15 AR-1232-5

R.T.: 5.255 min
Delta R.T.: 0.014 min
Response: 1284166
Conc: 68.36 ng/ml



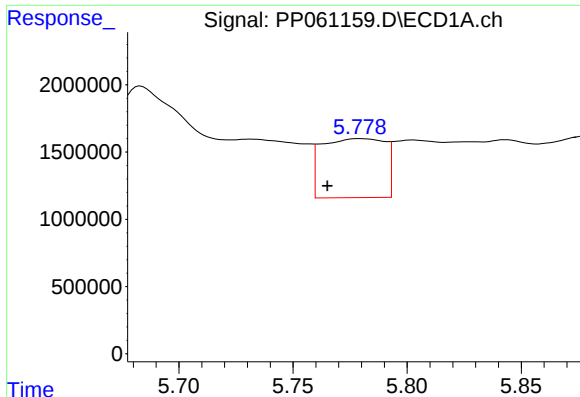
#16 AR-1242-1

R.T.: 5.731 min
Delta R.T.: -0.011 min
Response: 9304634
Conc: 165.63 ng/ml



#16 AR-1242-1

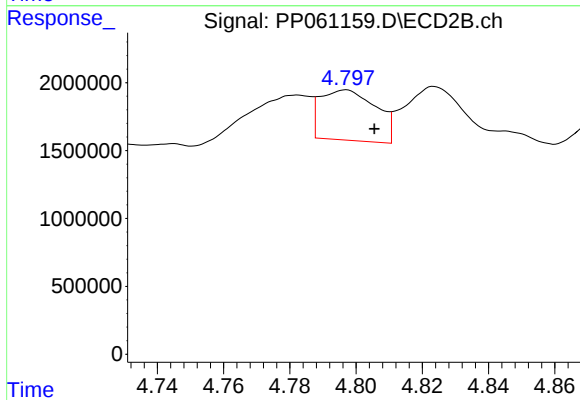
R.T.: 4.783 min
Delta R.T.: -0.004 min
Response: 3470670
Conc: 85.98 ng/ml



#17 AR-1242-2

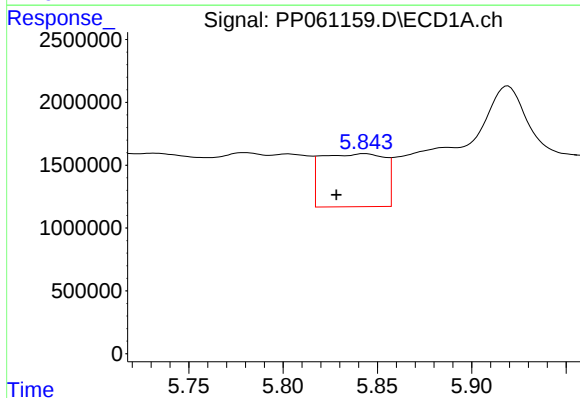
R.T.: 5.780 min
Delta R.T.: 0.015 min
Response: 8448272
Conc: 106.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



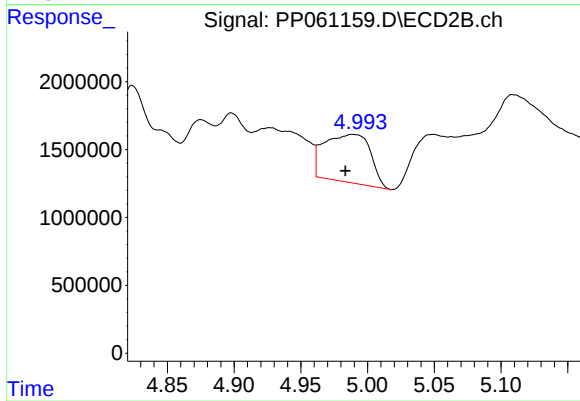
#17 AR-1242-2

R.T.: 4.797 min
Delta R.T.: -0.008 min
Response: 4314471
Conc: 78.80 ng/ml



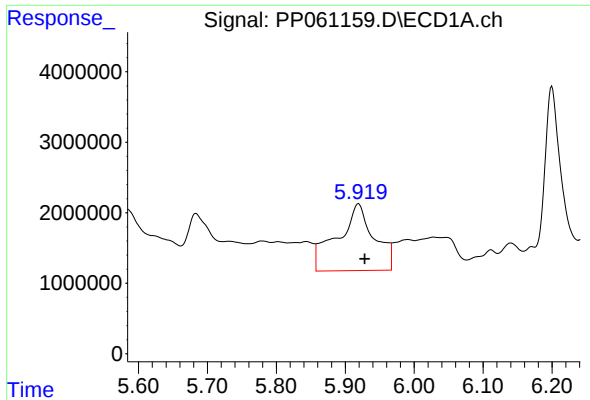
#18 AR-1242-3

R.T.: 5.843 min
Delta R.T.: 0.015 min
Response: 9831985
Conc: 198.05 ng/ml



#18 AR-1242-3

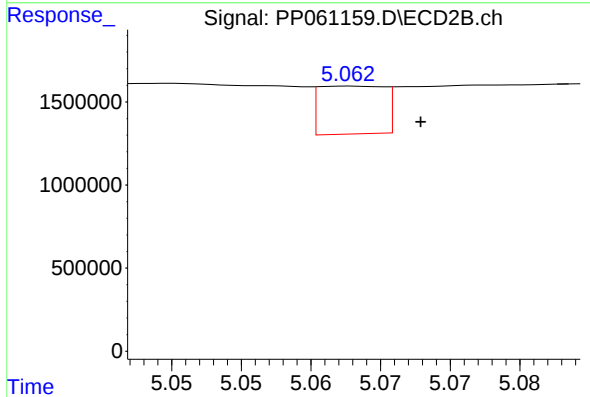
R.T.: 4.989 min
Delta R.T.: 0.006 min
Response: 8449700
Conc: 272.00 ng/ml



#19 AR-1242-4

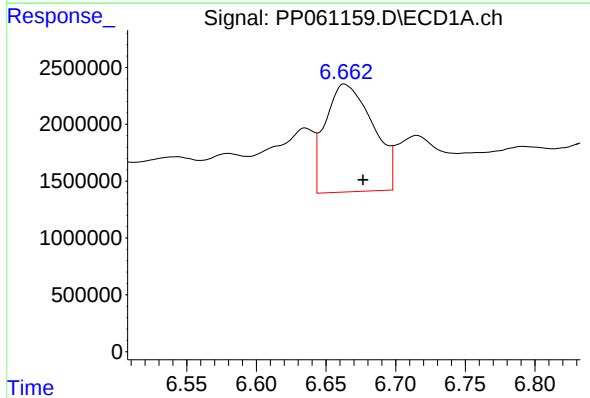
R.T.: 5.919 min
Delta R.T.: -0.009 min
Response: 35090701
Conc: 878.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



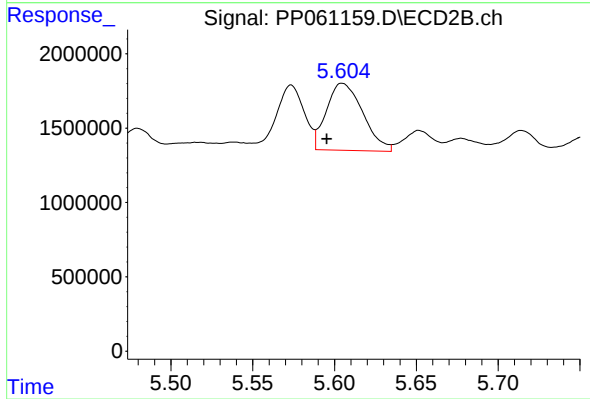
#19 AR-1242-4

R.T.: 5.063 min
Delta R.T.: -0.005 min
Response: 944369
Conc: 30.06 ng/ml



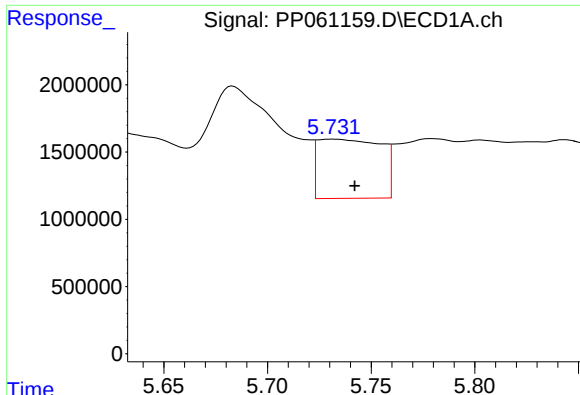
#20 AR-1242-5

R.T.: 6.664 min
Delta R.T.: -0.013 min
Response: 22552587
Conc: 555.81 ng/ml



#20 AR-1242-5

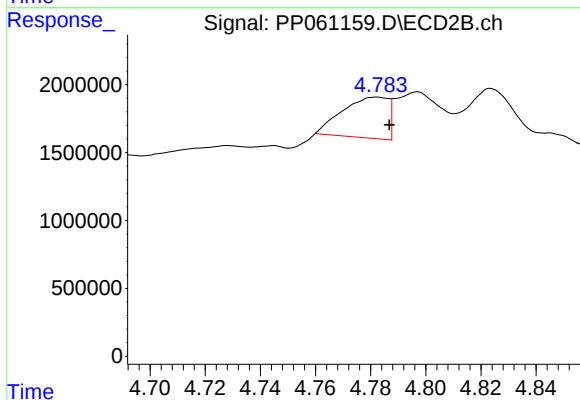
R.T.: 5.605 min
Delta R.T.: 0.009 min
Response: 6991573
Conc: 178.81 ng/ml



#21 AR-1248-1

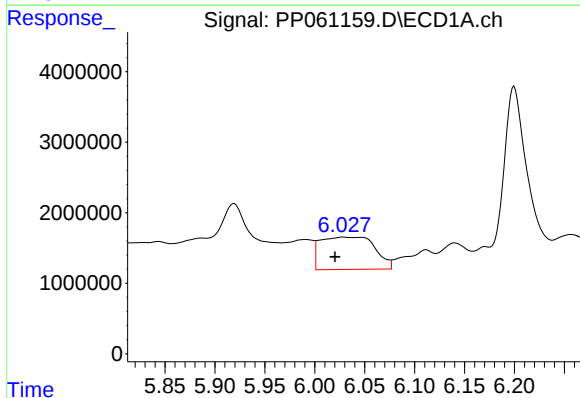
R.T.: 5.731 min
Delta R.T.: -0.011 min
Response: 9304634
Conc: 214.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



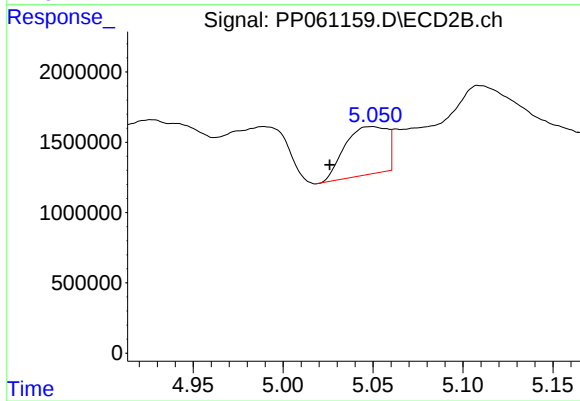
#21 AR-1248-1

R.T.: 4.783 min
Delta R.T.: -0.004 min
Response: 3470670
Conc: 112.41 ng/ml



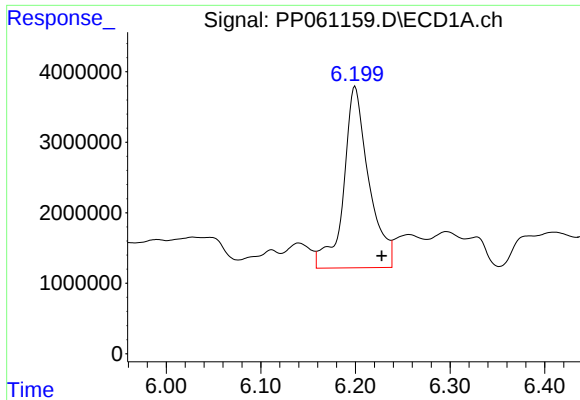
#22 AR-1248-2

R.T.: 6.029 min
Delta R.T.: 0.008 min
Response: 17364290
Conc: 268.55 ng/ml



#22 AR-1248-2

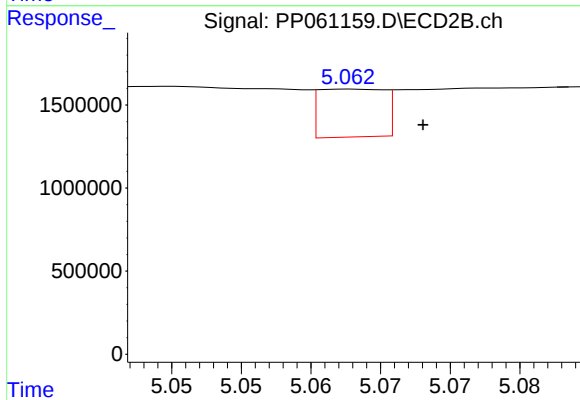
R.T.: 5.050 min
Delta R.T.: 0.024 min
Response: 5577634
Conc: 127.32 ng/ml



#23 AR-1248-3

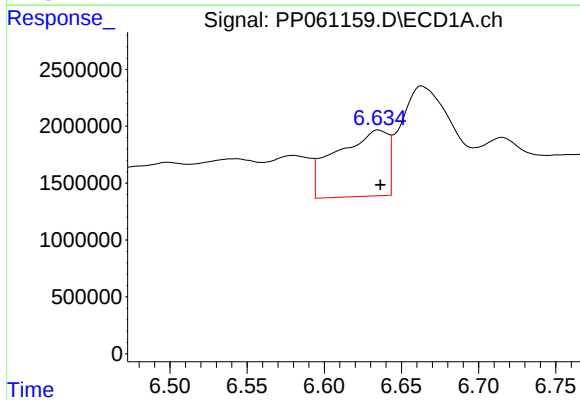
R.T.: 6.200 min
Delta R.T.: -0.028 min
Response: 47622545
Conc: 678.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



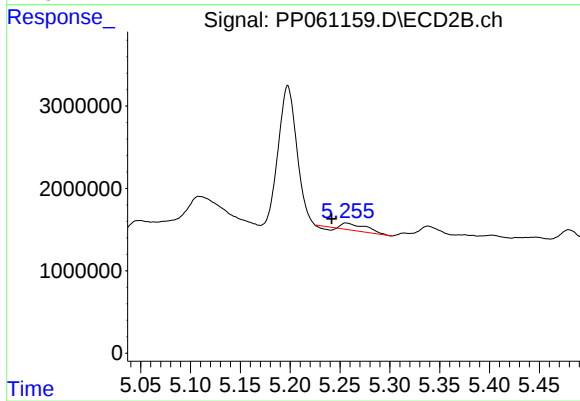
#23 AR-1248-3

R.T.: 5.063 min
Delta R.T.: -0.005 min
Response: 944369
Conc: 20.37 ng/ml



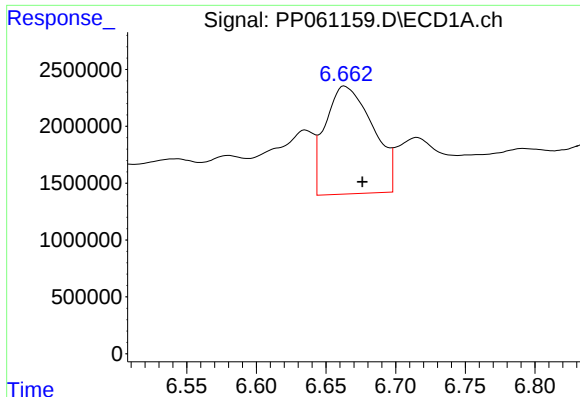
#24 AR-1248-4

R.T.: 6.636 min
Delta R.T.: 0.000 min
Response: 13545672
Conc: 177.28 ng/ml



#24 AR-1248-4

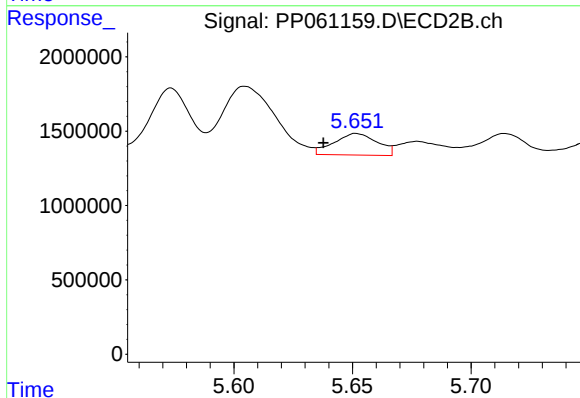
R.T.: 5.255 min
Delta R.T.: 0.014 min
Response: 1284166
Conc: 23.23 ng/ml



#25 AR-1248-5

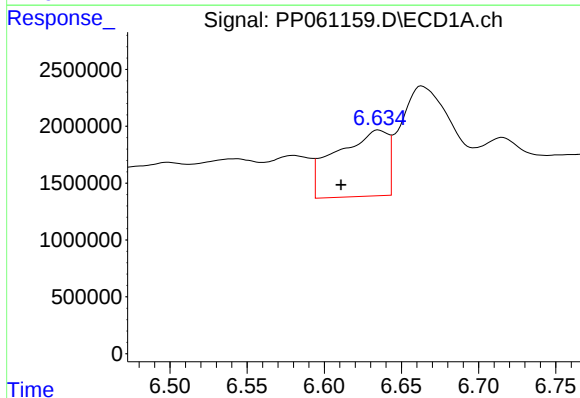
R.T.: 6.664 min
Delta R.T.: -0.012 min
Response: 22552587
Conc: 305.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



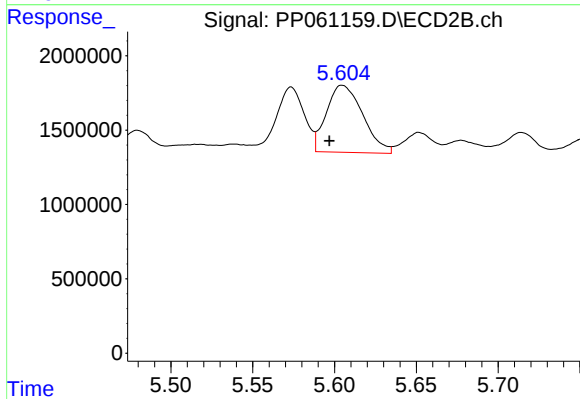
#25 AR-1248-5

R.T.: 5.652 min
Delta R.T.: 0.014 min
Response: 1844271
Conc: 35.38 ng/ml



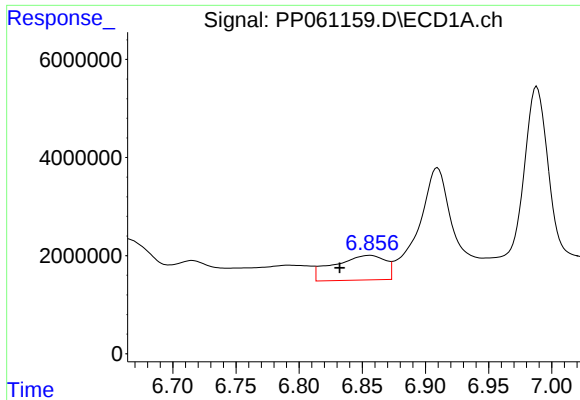
#26 AR-1254-1

R.T.: 6.636 min
Delta R.T.: 0.025 min
Response: 13545672
Conc: 171.27 ng/ml



#26 AR-1254-1

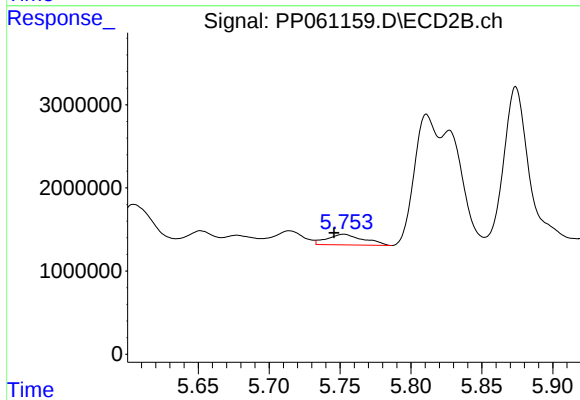
R.T.: 5.605 min
Delta R.T.: 0.008 min
Response: 6991573
Conc: 90.49 ng/ml



#27 AR-1254-2

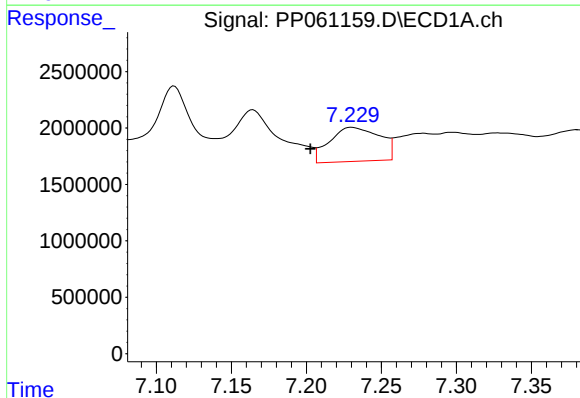
R.T.: 6.856 min
Delta R.T.: 0.024 min
Response: 14268629
Conc: 119.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



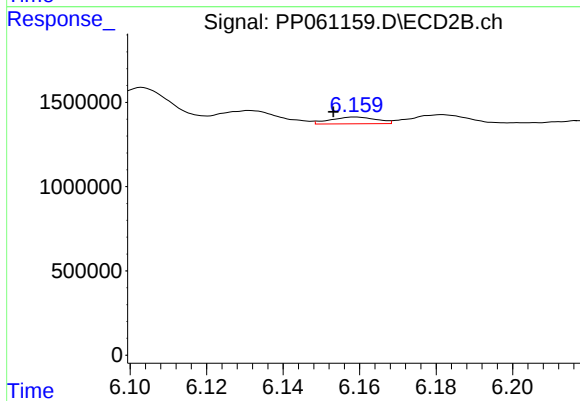
#27 AR-1254-2

R.T.: 5.753 min
Delta R.T.: 0.007 min
Response: 2276551
Conc: 32.86 ng/ml



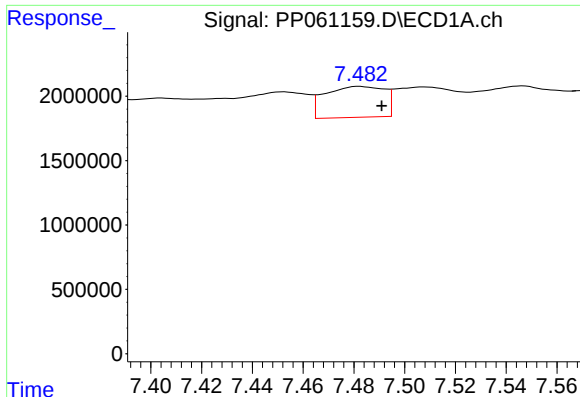
#28 AR-1254-3

R.T.: 7.231 min
Delta R.T.: 0.028 min
Response: 7029368
Conc: 57.46 ng/ml



#28 AR-1254-3

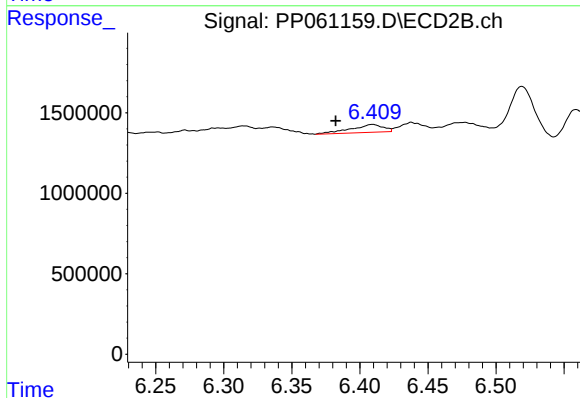
R.T.: 6.159 min
Delta R.T.: 0.006 min
Response: 335599
Conc: 2.97 ng/ml



#29 AR-1254-4

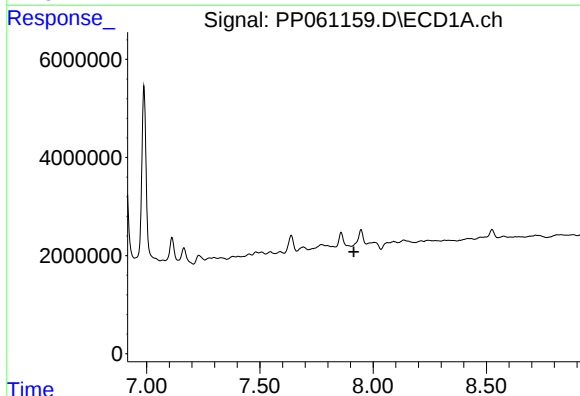
R.T.: 7.482 min
Delta R.T.: -0.009 min
Response: 3886988
Conc: 44.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



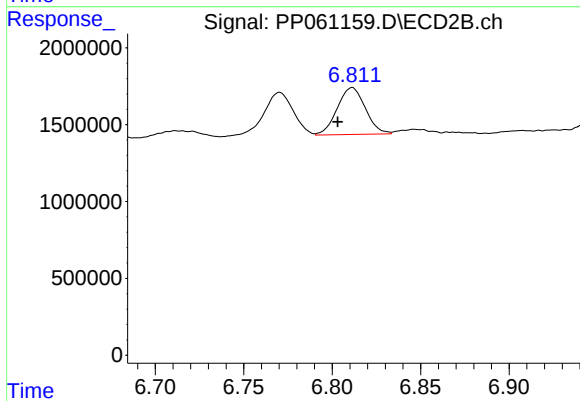
#29 AR-1254-4

R.T.: 6.409 min
Delta R.T.: 0.027 min
Response: 798044
Conc: 11.61 ng/ml



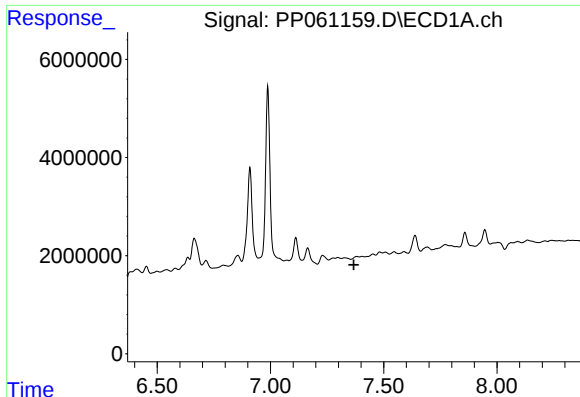
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 7.915 min
Response: 0
Conc: N.D.



#30 AR-1254-5

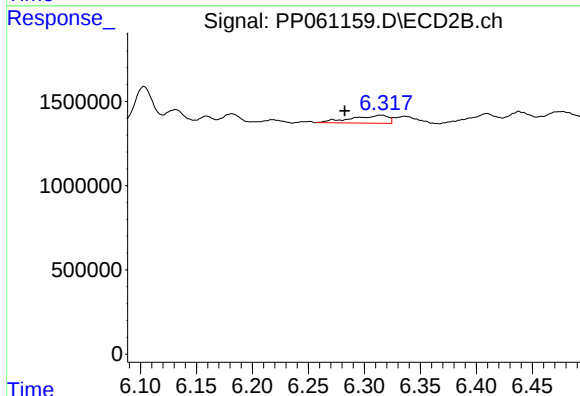
R.T.: 6.811 min
Delta R.T.: 0.008 min
Response: 3376546
Conc: 31.57 ng/ml



#31 AR-1260-1

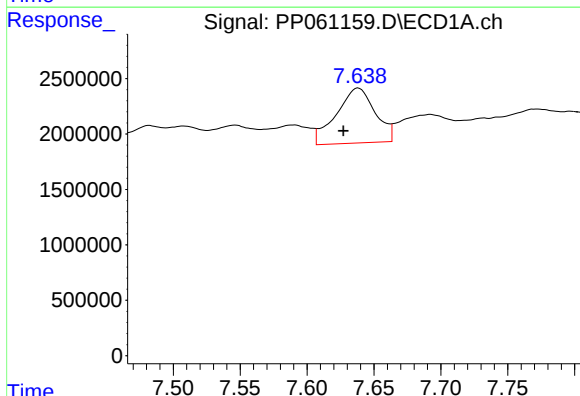
R.T.: 0.000 min
Exp R.T.: 7.368 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



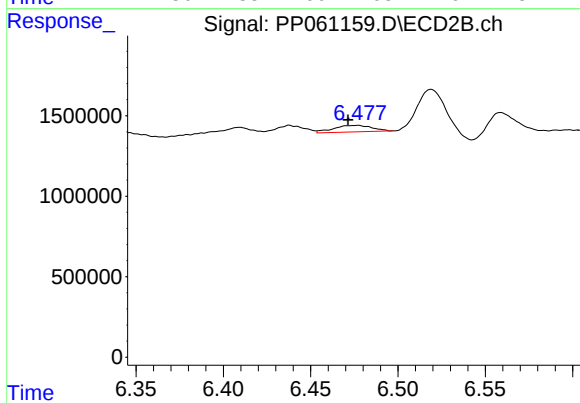
#31 AR-1260-1

R.T.: 6.315 min
Delta R.T.: 0.032 min
Response: 1060796
Conc: 12.82 ng/ml



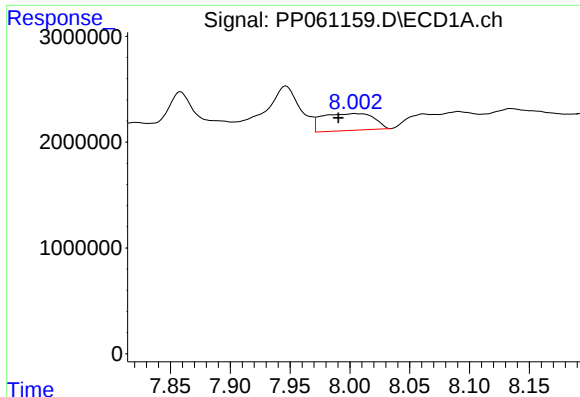
#32 AR-1260-2

R.T.: 7.638 min
Delta R.T.: 0.011 min
Response: 10055246
Conc: 92.62 ng/ml



#32 AR-1260-2

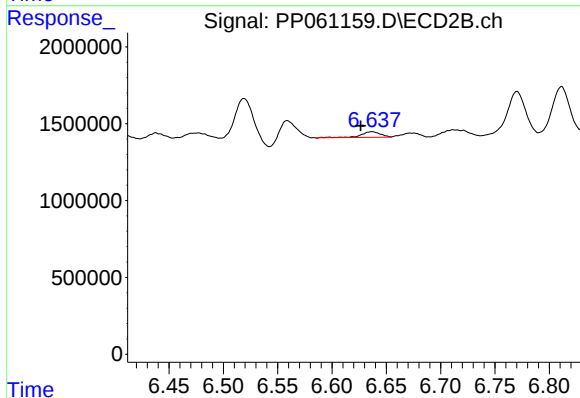
R.T.: 6.477 min
Delta R.T.: 0.005 min
Response: 626820
Conc: 6.37 ng/ml



#33 AR-1260-3

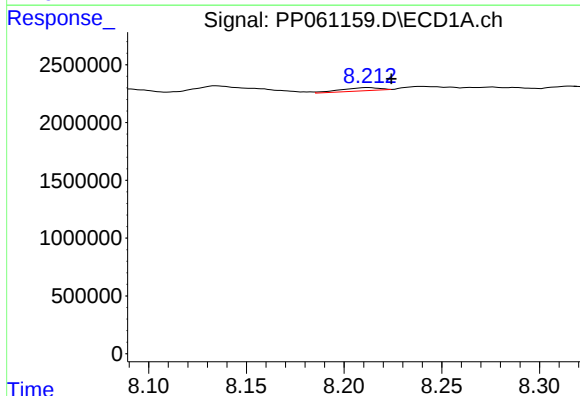
R.T.: 8.005 min
Delta R.T.: 0.015 min
Response: 4819707
Conc: 69.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



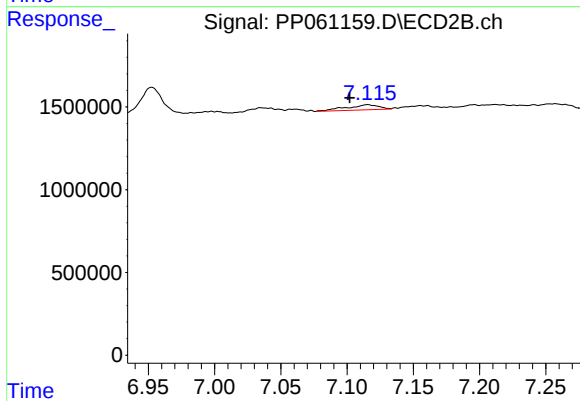
#33 AR-1260-3

R.T.: 6.637 min
Delta R.T.: 0.011 min
Response: 467449
Conc: 4.94 ng/ml



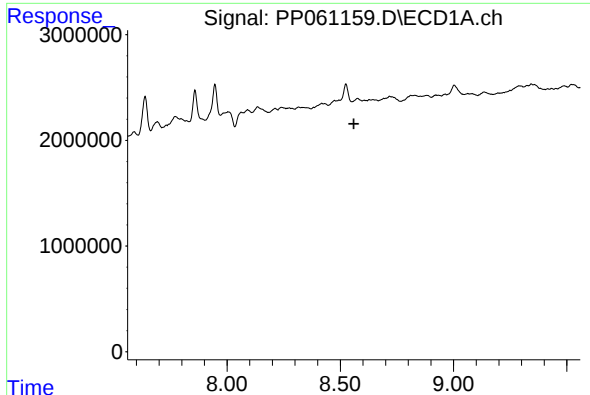
#34 AR-1260-4

R.T.: 8.212 min
Delta R.T.: -0.012 min
Response: 379211
Conc: 4.45 ng/ml



#34 AR-1260-4

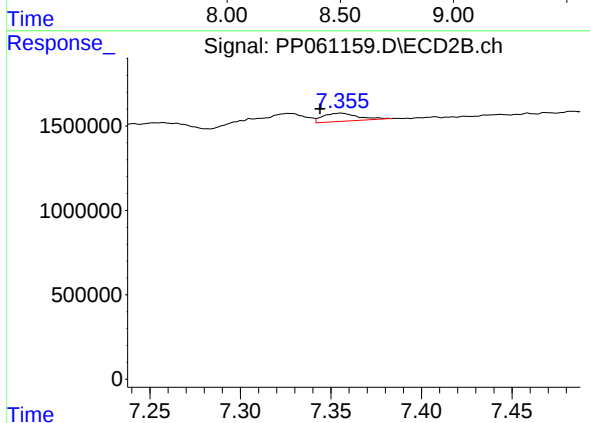
R.T.: 7.116 min
Delta R.T.: 0.014 min
Response: 520979
Conc: 7.27 ng/ml



#35 AR-1260-5

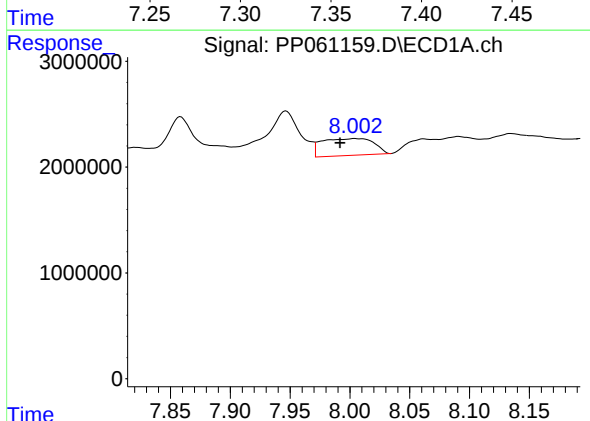
R.T.: 0.000 min
Exp R.T.: 8.560 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



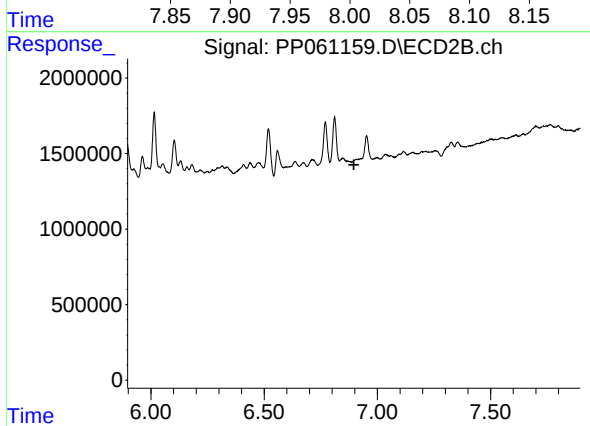
#35 AR-1260-5

R.T.: 7.355 min
Delta R.T.: 0.011 min
Response: 653498
Conc: 3.90 ng/ml



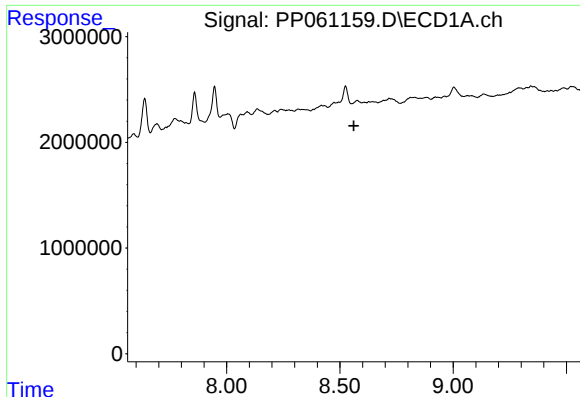
#36 AR-1262-1

R.T.: 8.005 min
Delta R.T.: 0.013 min
Response: 4819707
Conc: 38.37 ng/ml



#36 AR-1262-1

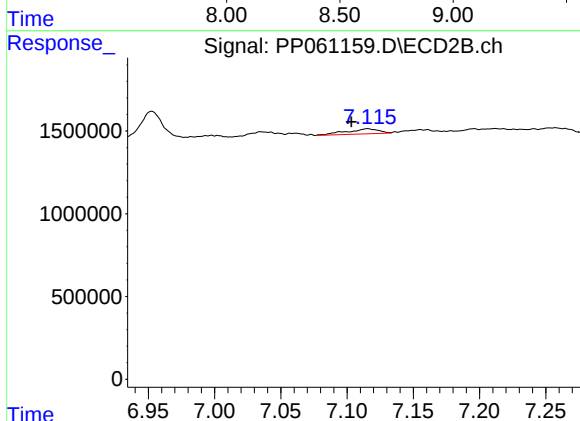
R.T.: 0.000 min
Exp R.T.: 6.896 min
Response: 0
Conc: N.D.



#37 AR-1262-2

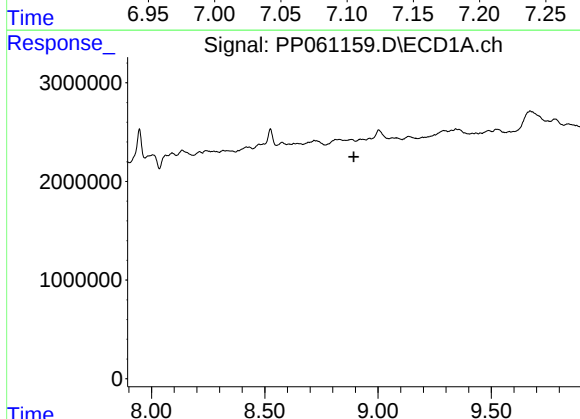
R.T.: 0.000 min
Exp R.T.: 8.562 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



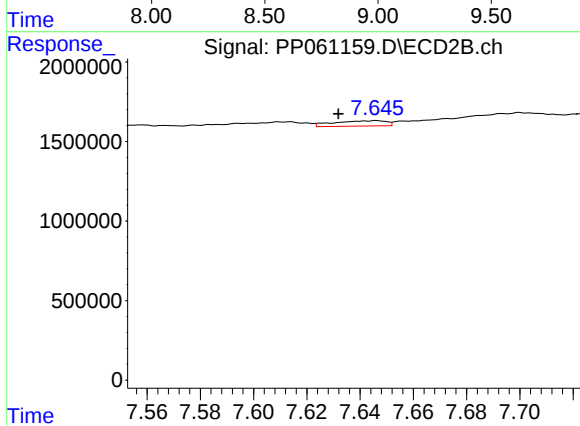
#37 AR-1262-2

R.T.: 7.116 min
Delta R.T.: 0.012 min
Response: 520979
Conc: 4.95 ng/ml



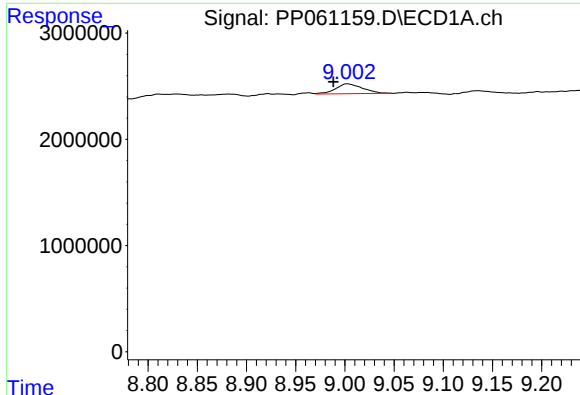
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.893 min
Response: 0
Conc: N.D.



#38 AR-1262-3

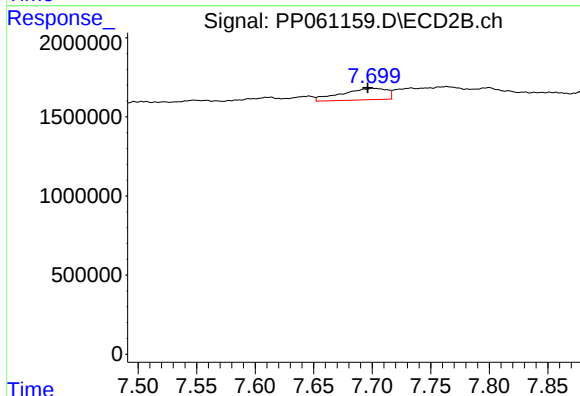
R.T.: 7.646 min
Delta R.T.: 0.014 min
Response: 463153
Conc: 5.53 ng/ml



#39 AR-1262-4

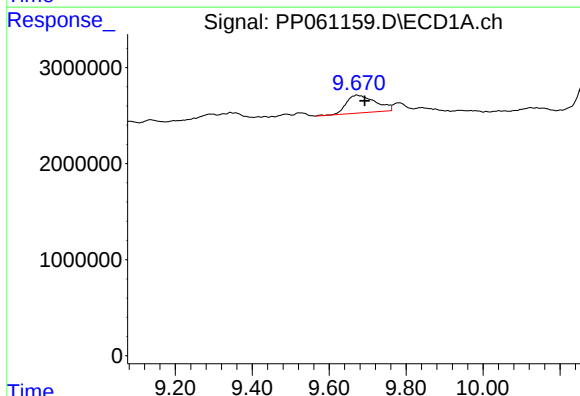
R.T.: 9.003 min
Delta R.T.: 0.014 min
Response: 1762622
Conc: 15.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



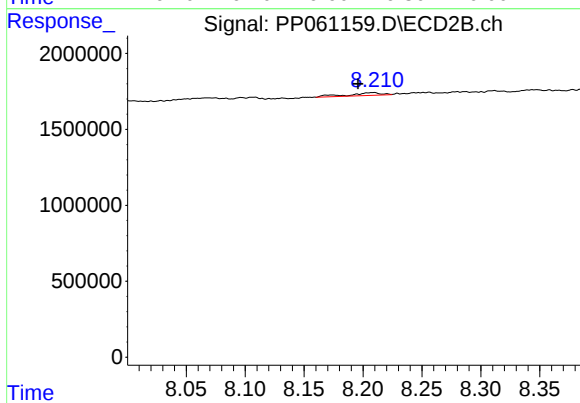
#39 AR-1262-4

R.T.: 7.700 min
Delta R.T.: 0.004 min
Response: 1954468
Conc: 12.93 ng/ml



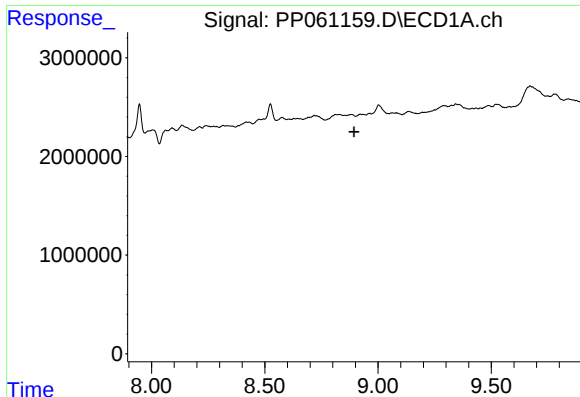
#40 AR-1262-5

R.T.: 9.672 min
Delta R.T.: -0.021 min
Response: 9708609
Conc: 129.03 ng/ml



#40 AR-1262-5

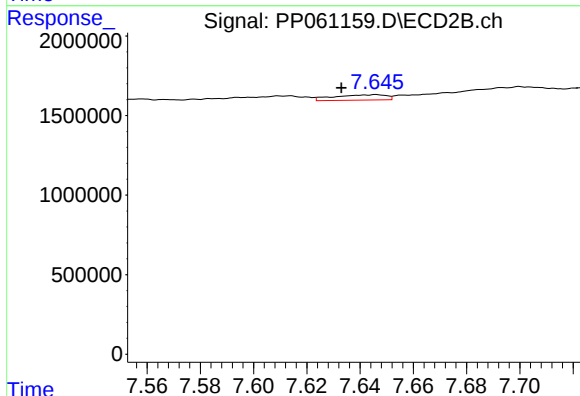
R.T.: 8.209 min
Delta R.T.: 0.013 min
Response: 353328
Conc: 4.99 ng/ml



#41 AR-1268-1

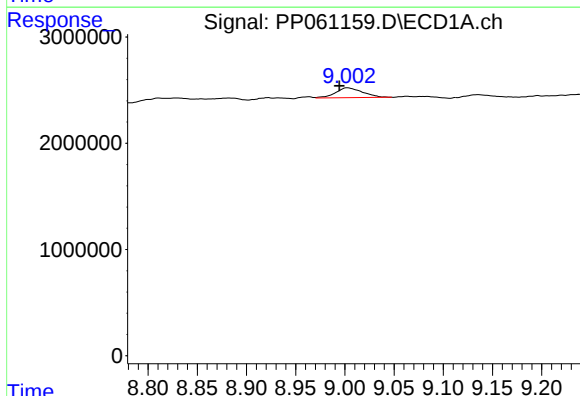
R.T.: 0.000 min
Exp R.T.: 8.894 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



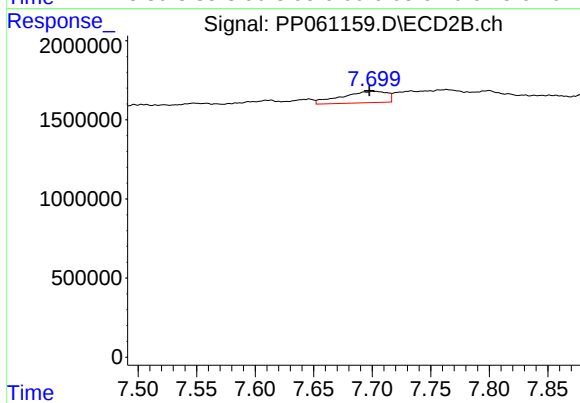
#41 AR-1268-1

R.T.: 7.646 min
Delta R.T.: 0.013 min
Response: 463153
Conc: 1.93 ng/ml



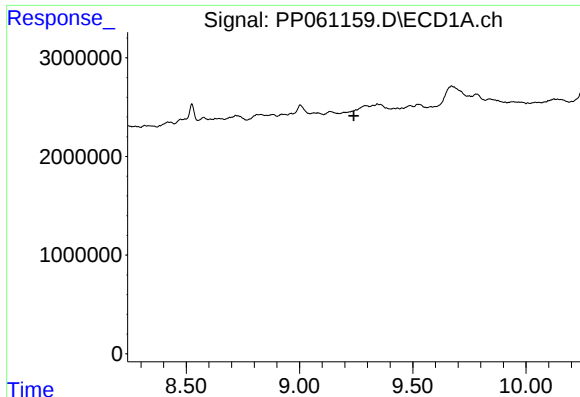
#42 AR-1268-2

R.T.: 9.003 min
Delta R.T.: 0.009 min
Response: 1762622
Conc: 7.52 ng/ml



#42 AR-1268-2

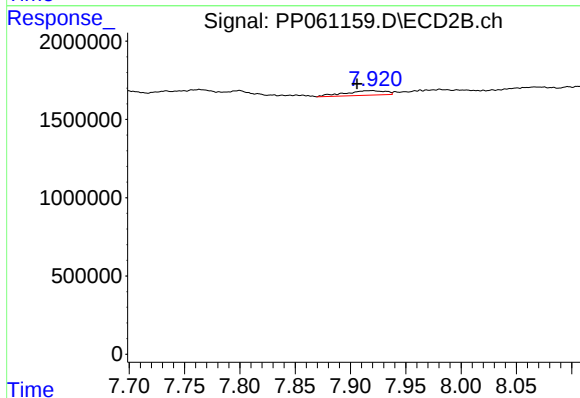
R.T.: 7.700 min
Delta R.T.: 0.003 min
Response: 1954468
Conc: 9.11 ng/ml



#43 AR-1268-3

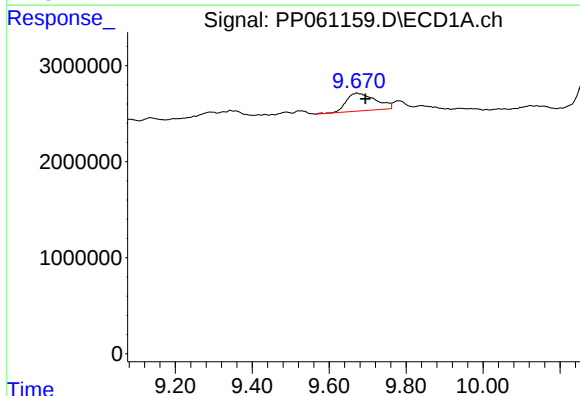
R.T.: 0.000 min
Exp R.T.: 9.239 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



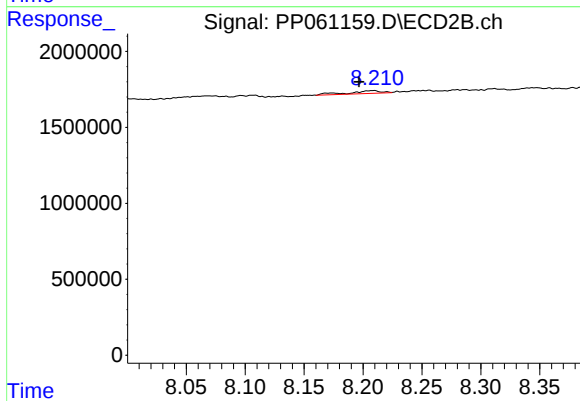
#43 AR-1268-3

R.T.: 7.920 min
Delta R.T.: 0.014 min
Response: 753290
Conc: 3.98 ng/ml



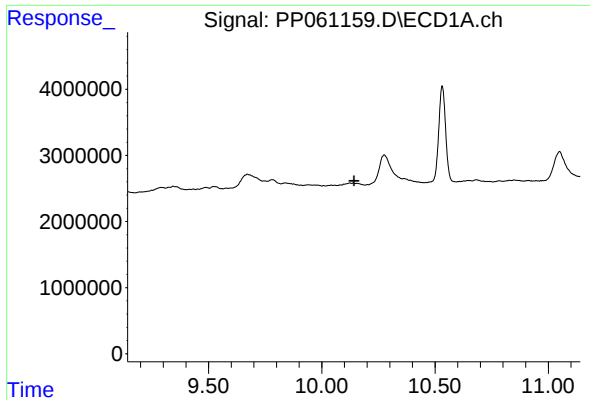
#44 AR-1268-4

R.T.: 9.672 min
Delta R.T.: -0.022 min
Response: 9708609
Conc: 120.54 ng/ml



#44 AR-1268-4

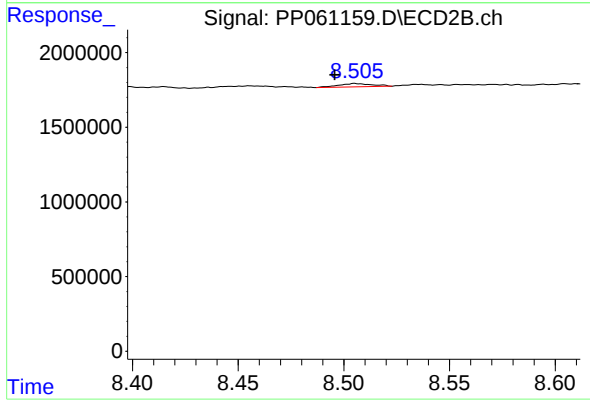
R.T.: 8.209 min
Delta R.T.: 0.012 min
Response: 353328
Conc: 4.61 ng/ml



#45 AR-1268-5

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

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.506 min
Delta R.T.: 0.010 min
Response: 250072
Conc: 0.45 ng/ml