

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP083122\
 Data File : PP051119.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Sep 2022 03:25
 Operator : YP\AJ
 Sample : N4439-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 01 04:03:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP082622.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 26 17:33:33 2022
 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...	4.461	3.716	28559412	31140788	15.325	17.672
2)	SA Decachlor...	10.261	8.796	31484379	20144079	17.453	18.856
Target Compounds							
3)	L1 AR-1016-1	5.636	4.820	-37550	327350	N.D.	6.706 #
4)	L1 AR-1016-2	5.652	4.865f	72328	26734	0.823	0.380 #
5)	L1 AR-1016-3	5.728	5.010	101604	137021	1.799	3.498 #
6)	L1 AR-1016-4	5.817	5.058	37762	375912	0.844	11.376 #
7)	L1 AR-1016-5	6.109	5.265	4393603	862750	87.700	20.195 #
8)	L2 AR-1221-1	4.689f	3.938	417582	218797	18.155	11.106 #
9)	L2 AR-1221-2	4.768	4.022	860619	513978	49.920	35.104 #
10)	L2 AR-1221-3	4.848	4.095	636749	190385	12.347	4.327 #
11)	L3 AR-1232-1	4.848	4.095	636749	190385	15.259	5.406 #
12)	L3 AR-1232-2	5.376	4.865f	950361	26734	42.606	0.863 #
13)	L3 AR-1232-3	5.652	5.010	72328	137021	1.869	8.302 #
14)	L3 AR-1232-4	5.817	5.105	37762	131499	1.940	8.297 #
15)	L3 AR-1232-5	5.910	5.265f	725345	862750	39.616	47.138
16)	L4 AR-1242-1	5.636	4.820	-37550	327350	N.D.	8.160 #
17)	L4 AR-1242-2	5.652	4.865f	72328	26734	1.013	0.469 #
18)	L4 AR-1242-3	5.728	5.010	101604	137021	2.219	4.302 #
19)	L4 AR-1242-4	5.817	5.105	37762	131499	1.047	4.000 #
20)	L4 AR-1242-5	6.561	5.628	2058053	1218756	51.506	35.244 #
21)	L5 AR-1248-1	5.636	4.820	-37550	327350	N.D.	10.007 #
22)	L5 AR-1248-2	5.910	5.058	725345	375912	10.869	7.639 #
23)	L5 AR-1248-3	6.109	5.105	4393603	131499	61.640	2.562 #
24)	L5 AR-1248-4	6.521	5.265f	933750	862750	13.536	14.559
25)	L5 AR-1248-5	6.561	5.706f	2058053	372021	29.130	7.749 #
26)	L6 AR-1254-1	6.490	5.628	3146309	1218756	39.478	15.142 #
27)	L6 AR-1254-2	6.707	5.774	3840991	1251690	32.528	17.941 #
28)	L6 AR-1254-3	7.077	6.197	3713442	5646371	32.454	52.706 #
29)	L6 AR-1254-4	7.361	6.412	2819225	863612	40.938	17.287 #
30)	L6 AR-1254-5	7.780	6.831	9198441	7837702	110.185	92.311
31)	L7 AR-1260-1	7.240	6.314	9276212	6523993	97.965	86.306
32)	L7 AR-1260-2	7.496	6.500	8963145	9049288	88.593	107.755
33)	L7 AR-1260-3	7.857	6.658	6664449	7963053	81.290	95.717
34)	L7 AR-1260-4	8.084	7.132	7709373	5913318	85.199	92.688
35)	L7 AR-1260-5	8.408	7.373	12723357	11050554	83.057	88.303
36)	L8 AR-1262-1	7.857	6.871	6664449	5772931	58.941	62.705
37)	L8 AR-1262-2	8.408	7.132	12723357	5913318	77.365	72.309
38)	L8 AR-1262-3	8.739	7.660	8240378	2547288	69.465	50.315 #
39)	L8 AR-1262-4	8.815	7.723	2435386	8055699	38.178	84.431 #
40)	L8 AR-1262-5	9.486	8.224	3299947	2706428	62.799	82.402 #
41)	L9 AR-1268-1	8.739	7.660	8240378	2547288	36.182	16.010 #

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Integration File signal 1: autoint1.e
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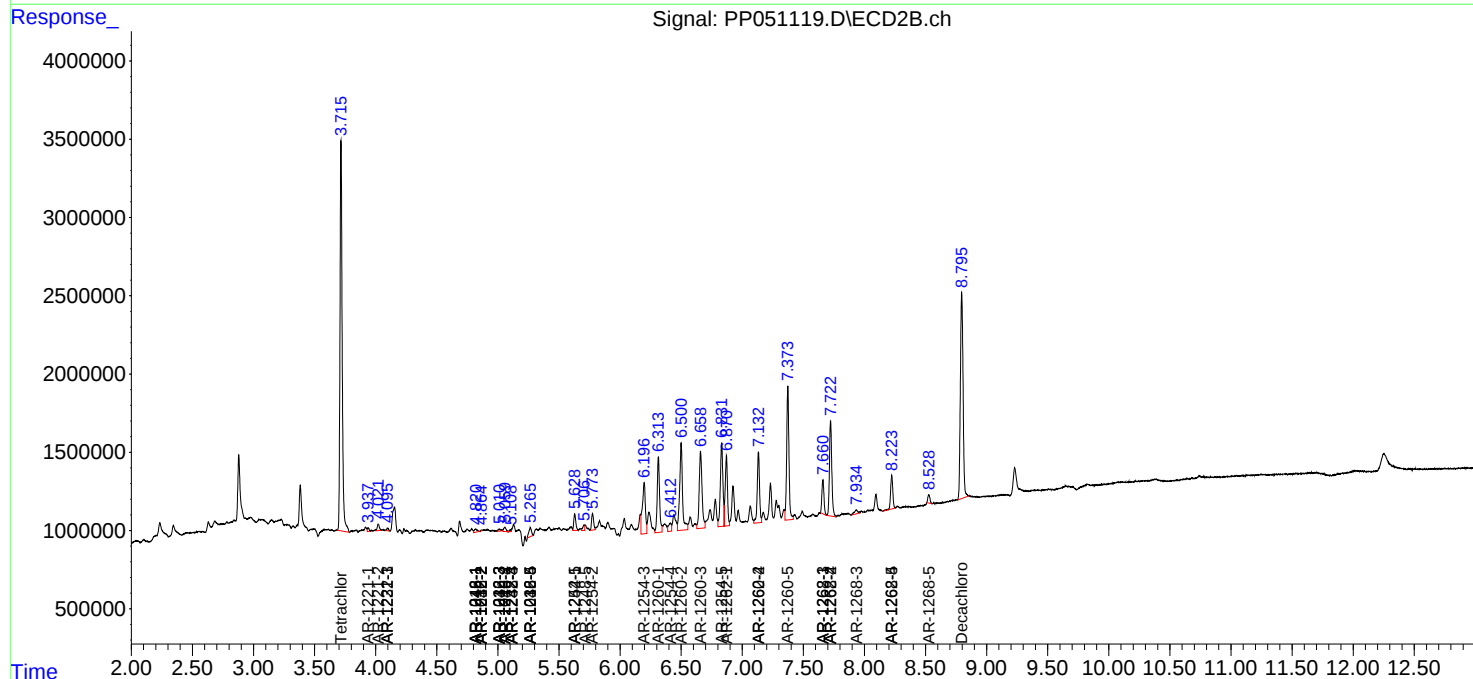
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

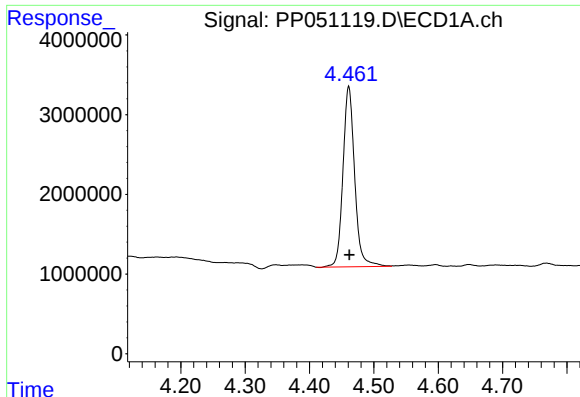
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.815	7.723	2435386	8055699	12.084	53.540 #
43) L9	AR-1268-3	9.050	7.935	186879	504350	0.965	3.845 #
44) L9	AR-1268-4	9.486	8.224	3299947	2706428	57.883	70.343
45) L9	AR-1268-5	9.913	8.527	1656848	638968	3.055	2.013 #

(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

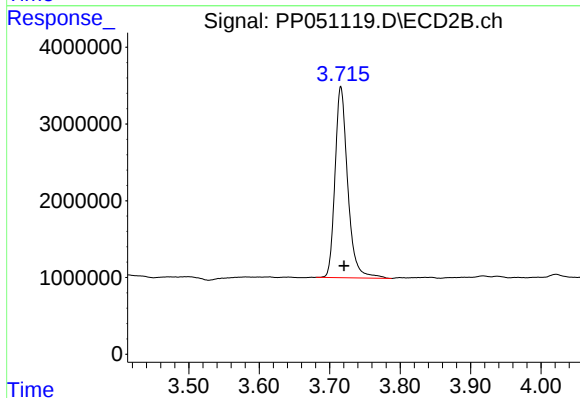




#1 Tetrachloro-m-xylene

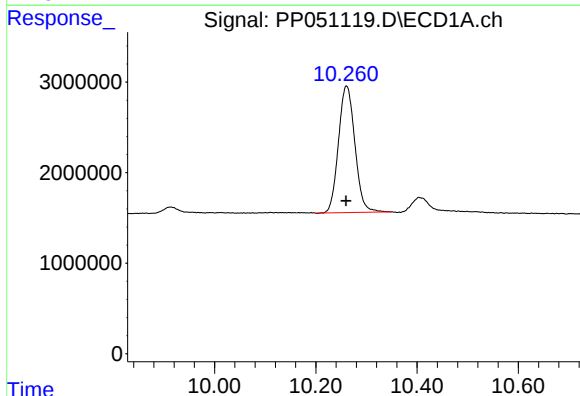
R.T.: 4.461 min
Delta R.T.: -0.001 min
Response: 28559412
Conc: 15.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



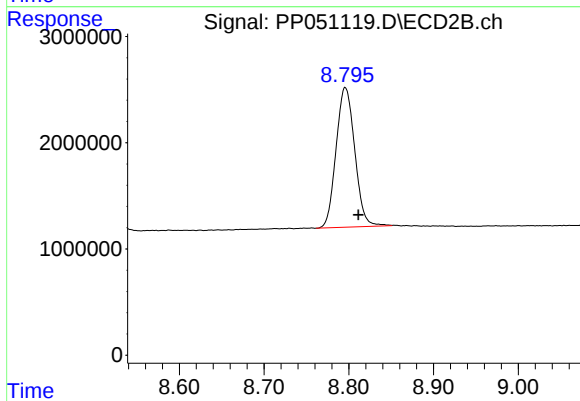
#1 Tetrachloro-m-xylene

R.T.: 3.716 min
Delta R.T.: -0.005 min
Response: 31140788
Conc: 17.67 ng/ml



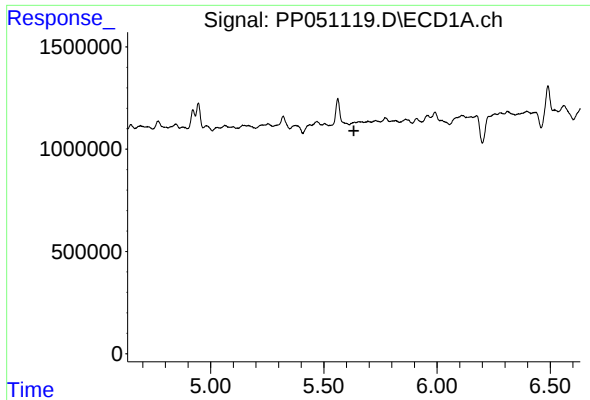
#2 Decachlorobiphenyl

R.T.: 10.261 min
Delta R.T.: 0.000 min
Response: 31484379
Conc: 17.45 ng/ml



#2 Decachlorobiphenyl

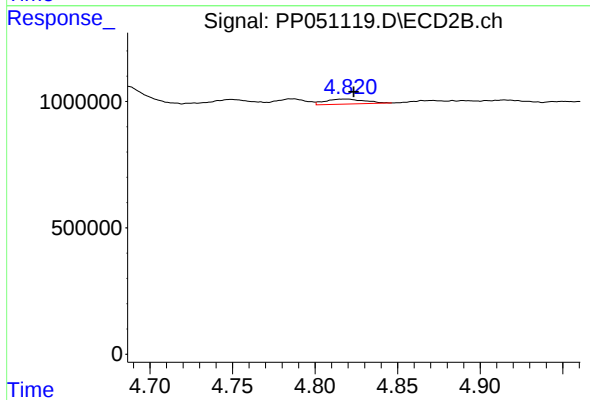
R.T.: 8.796 min
Delta R.T.: -0.016 min
Response: 20144079
Conc: 18.86 ng/ml



#3 AR-1016-1

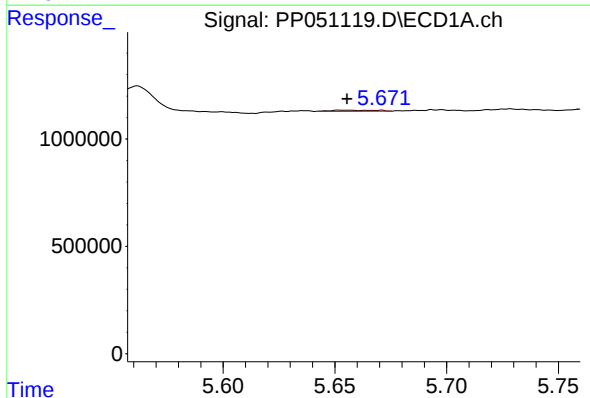
R.T.: 5.636 min
Delta R.T.: 0.004 min
Response: -37550
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



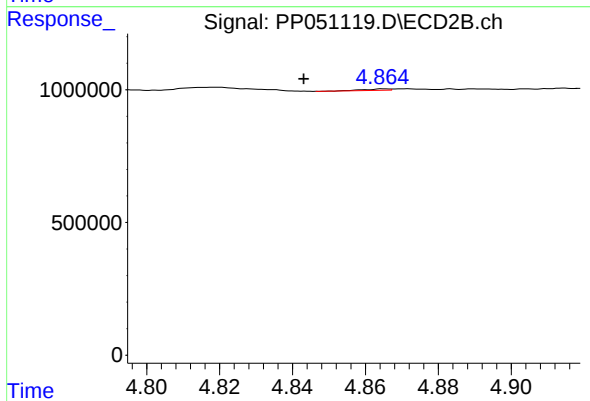
#3 AR-1016-1

R.T.: 4.820 min
Delta R.T.: -0.004 min
Response: 327350
Conc: 6.71 ng/ml



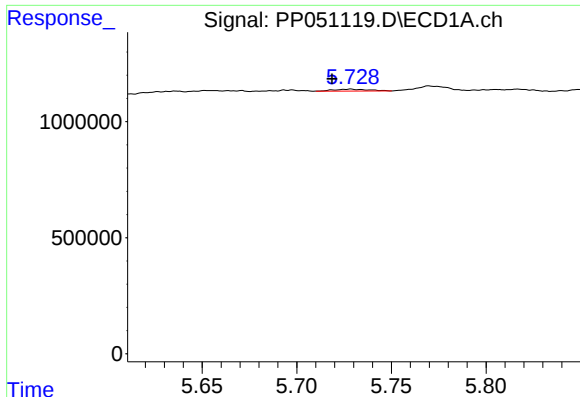
#4 AR-1016-2

R.T.: 5.652 min
Delta R.T.: -0.003 min
Response: 72328
Conc: 0.82 ng/ml



#4 AR-1016-2

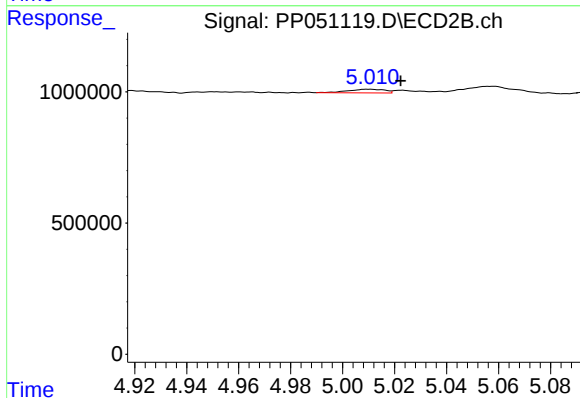
R.T.: 4.865 min
Delta R.T.: 0.022 min
Response: 26734
Conc: 0.38 ng/ml



#5 AR-1016-3

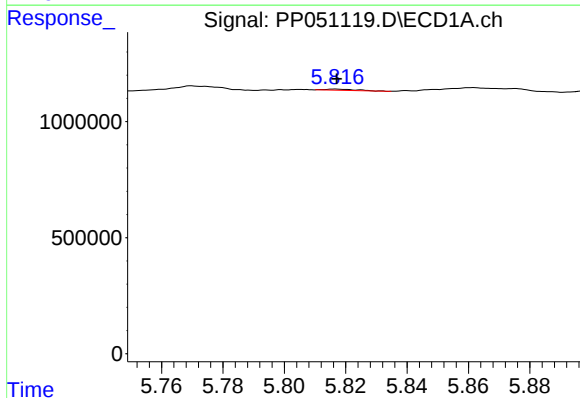
R.T.: 5.728 min
Delta R.T.: 0.010 min
Response: 101604
Conc: 1.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



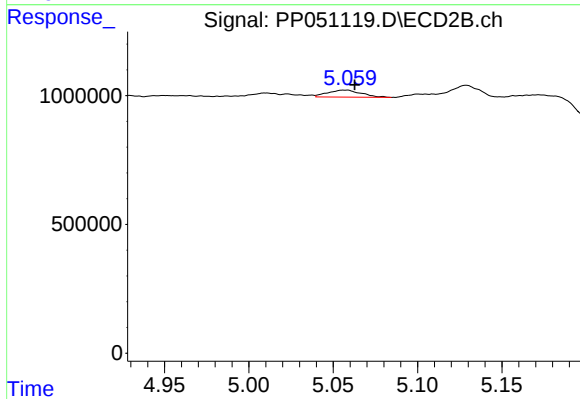
#5 AR-1016-3

R.T.: 5.010 min
Delta R.T.: -0.012 min
Response: 137021
Conc: 3.50 ng/ml



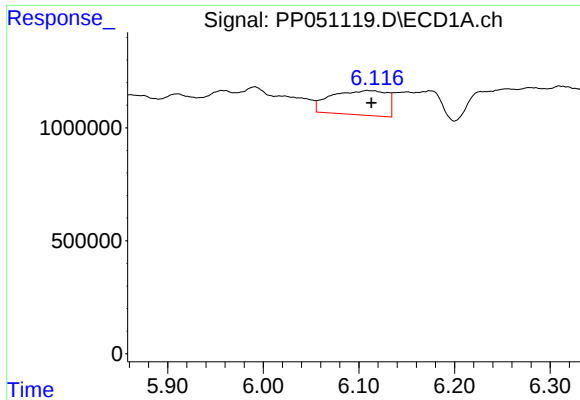
#6 AR-1016-4

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 37762
Conc: 0.84 ng/ml



#6 AR-1016-4

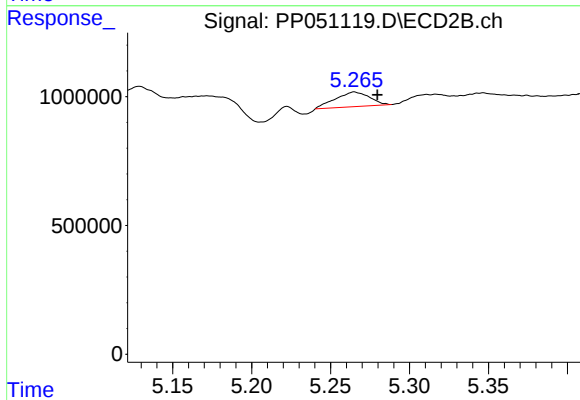
R.T.: 5.058 min
Delta R.T.: -0.004 min
Response: 375912
Conc: 11.38 ng/ml



#7 AR-1016-5

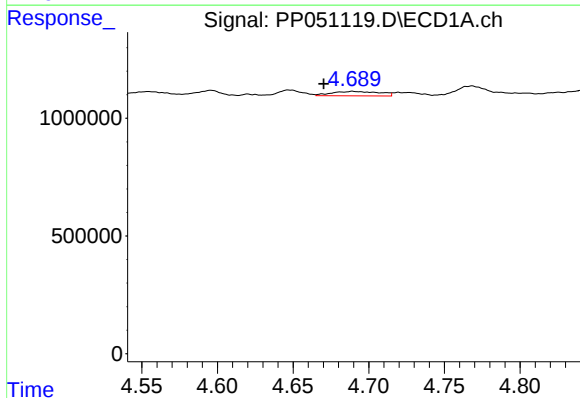
R.T.: 6.109 min
Delta R.T.: -0.004 min
Response: 4393603
Conc: 87.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



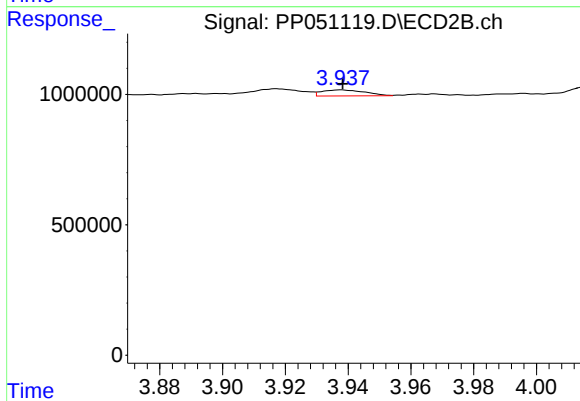
#7 AR-1016-5

R.T.: 5.265 min
Delta R.T.: -0.015 min
Response: 862750
Conc: 20.19 ng/ml



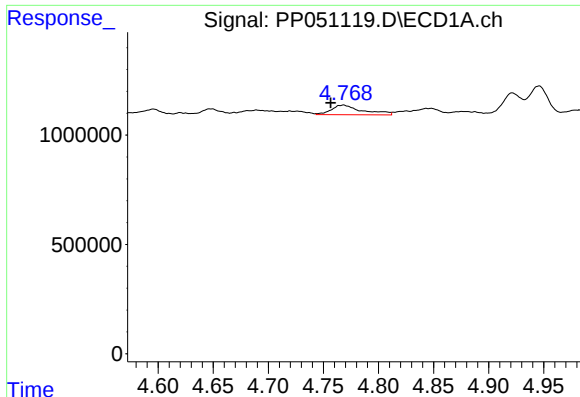
#8 AR-1221-1

R.T.: 4.689 min
Delta R.T.: 0.019 min
Response: 417582
Conc: 18.16 ng/ml



#8 AR-1221-1

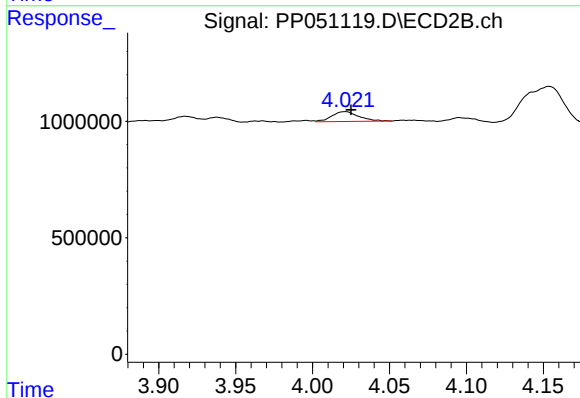
R.T.: 3.938 min
Delta R.T.: 0.000 min
Response: 218797
Conc: 11.11 ng/ml



#9 AR-1221-2

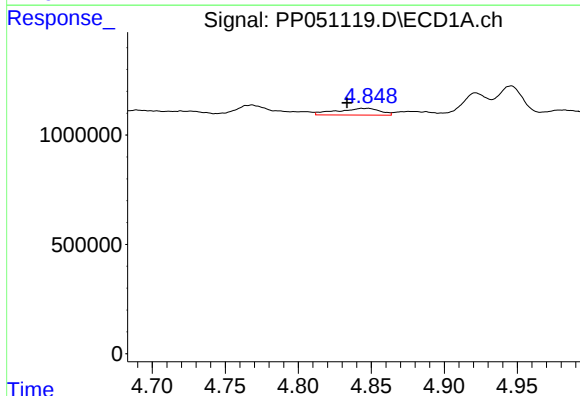
R.T.: 4.768 min
Delta R.T.: 0.011 min
Response: 860619
Conc: 49.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



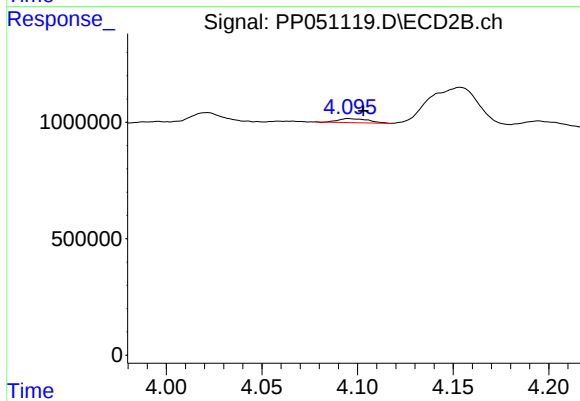
#9 AR-1221-2

R.T.: 4.022 min
Delta R.T.: -0.003 min
Response: 513978
Conc: 35.10 ng/ml



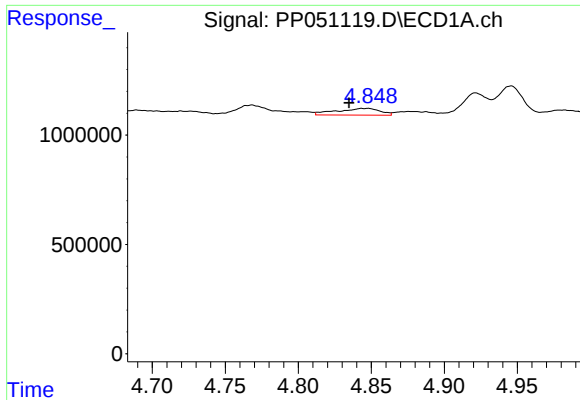
#10 AR-1221-3

R.T.: 4.848 min
Delta R.T.: 0.014 min
Response: 636749
Conc: 12.35 ng/ml



#10 AR-1221-3

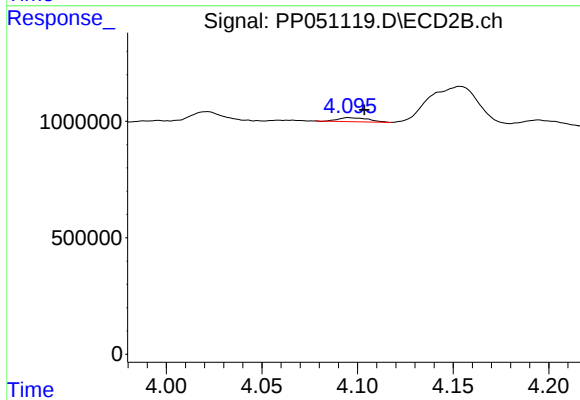
R.T.: 4.095 min
Delta R.T.: -0.008 min
Response: 190385
Conc: 4.33 ng/ml



#11 AR-1232-1

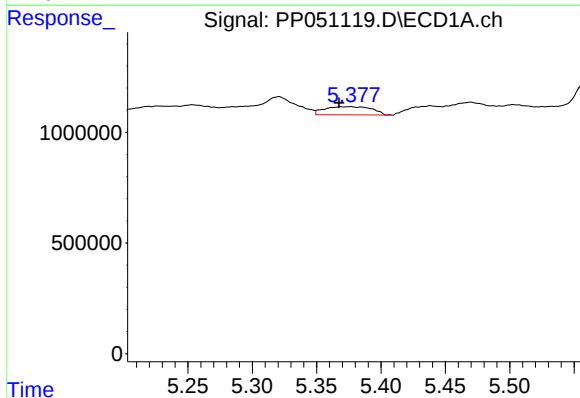
R.T.: 4.848 min
Delta R.T.: 0.013 min
Response: 636749
Conc: 15.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



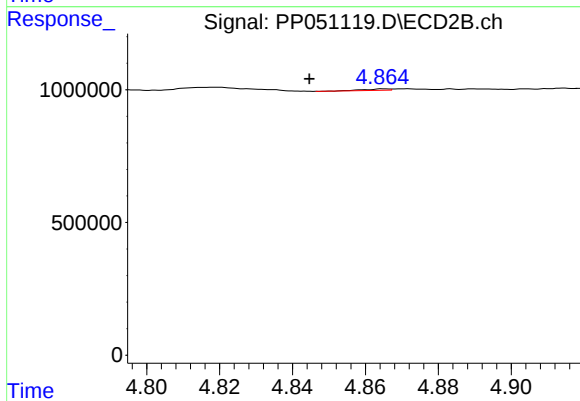
#11 AR-1232-1

R.T.: 4.095 min
Delta R.T.: -0.009 min
Response: 190385
Conc: 5.41 ng/ml



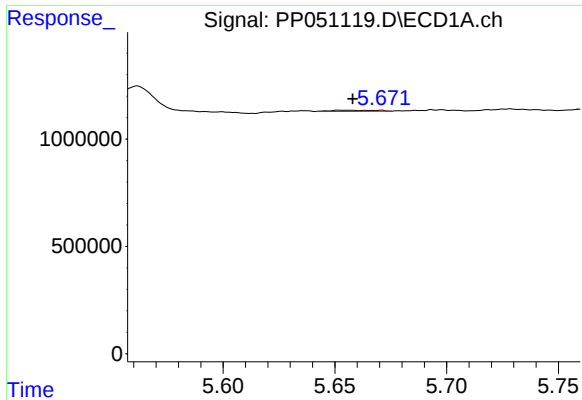
#12 AR-1232-2

R.T.: 5.376 min
Delta R.T.: 0.009 min
Response: 950361
Conc: 42.61 ng/ml



#12 AR-1232-2

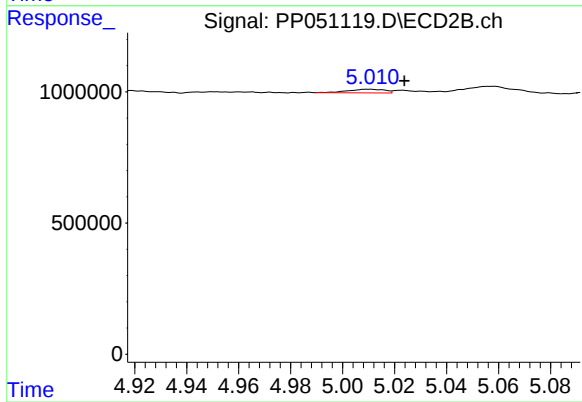
R.T.: 4.865 min
Delta R.T.: 0.020 min
Response: 26734
Conc: 0.86 ng/ml



#13 AR-1232-3

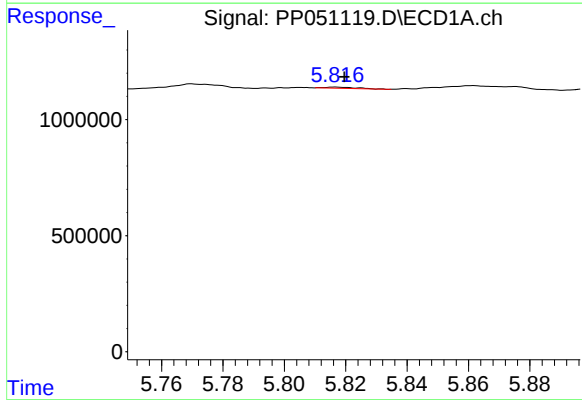
R.T.: 5.652 min
Delta R.T.: -0.006 min
Response: 72328
Conc: 1.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



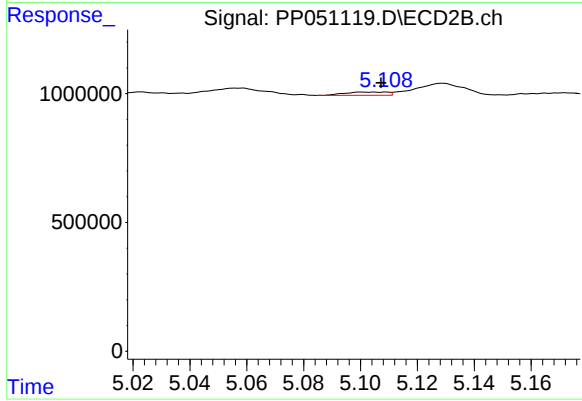
#13 AR-1232-3

R.T.: 5.010 min
Delta R.T.: -0.014 min
Response: 137021
Conc: 8.30 ng/ml



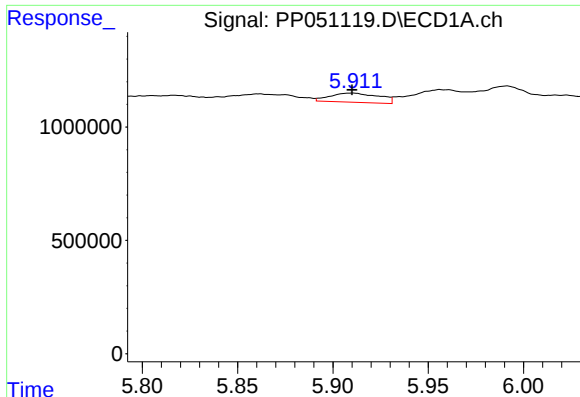
#14 AR-1232-4

R.T.: 5.817 min
Delta R.T.: -0.003 min
Response: 37762
Conc: 1.94 ng/ml



#14 AR-1232-4

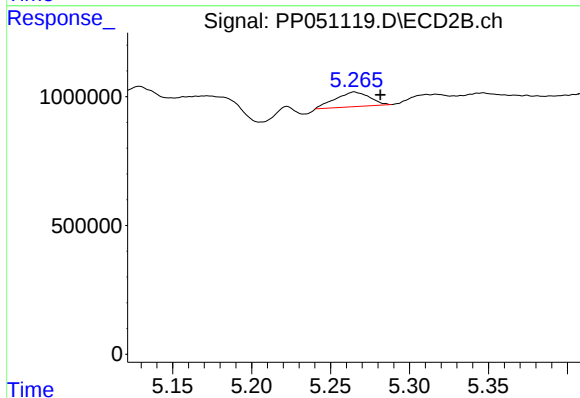
R.T.: 5.105 min
Delta R.T.: -0.002 min
Response: 131499
Conc: 8.30 ng/ml



#15 AR-1232-5

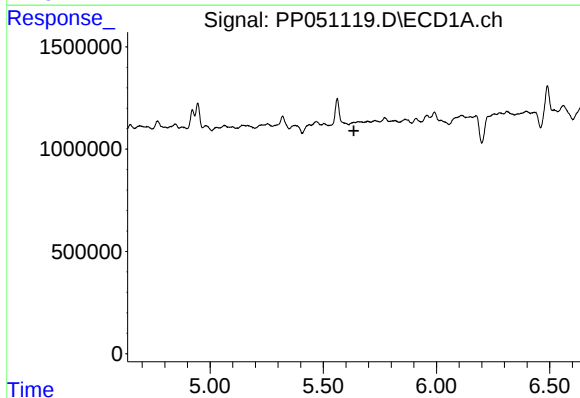
R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 725345
Conc: 39.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



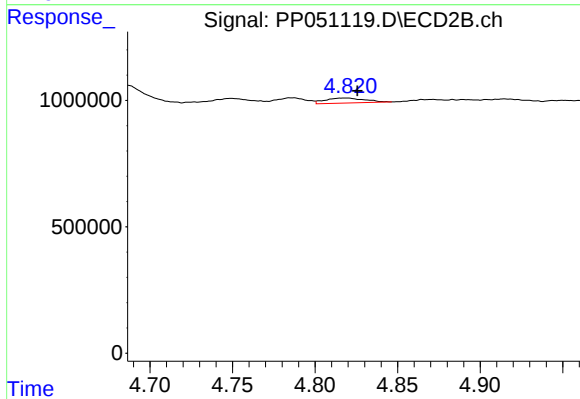
#15 AR-1232-5

R.T.: 5.265 min
Delta R.T.: -0.016 min
Response: 862750
Conc: 47.14 ng/ml



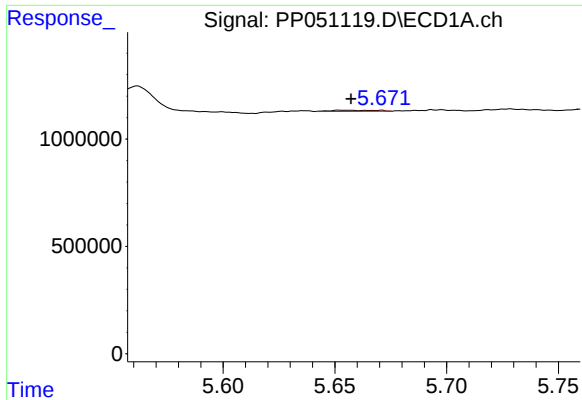
#16 AR-1242-1

R.T.: 5.636 min
Delta R.T.: 0.001 min
Response: -37550
Conc: N.D.



#16 AR-1242-1

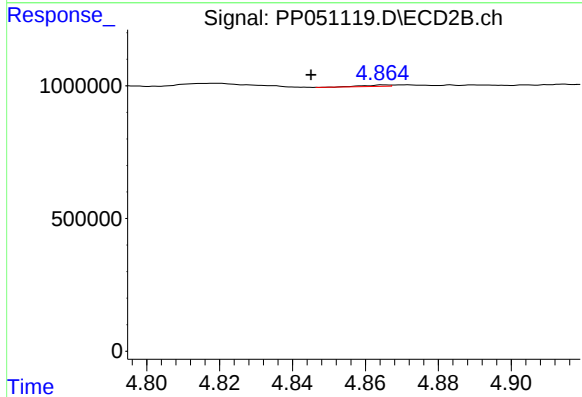
R.T.: 4.820 min
Delta R.T.: -0.006 min
Response: 327350
Conc: 8.16 ng/ml



#17 AR-1242-2

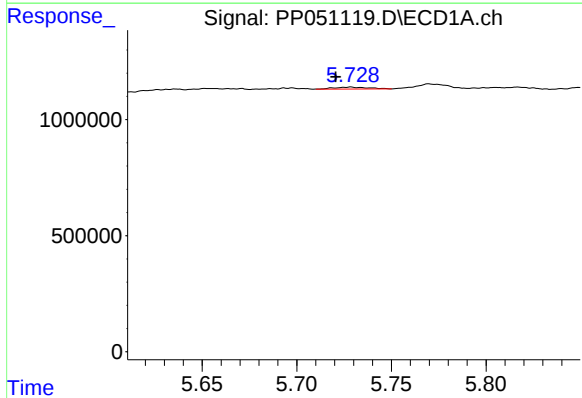
R.T.: 5.652 min
Delta R.T.: -0.005 min
Response: 72328
Conc: 1.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



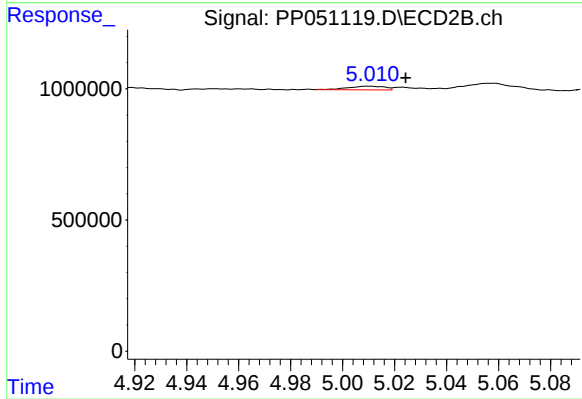
#17 AR-1242-2

R.T.: 4.865 min
Delta R.T.: 0.020 min
Response: 26734
Conc: 0.47 ng/ml



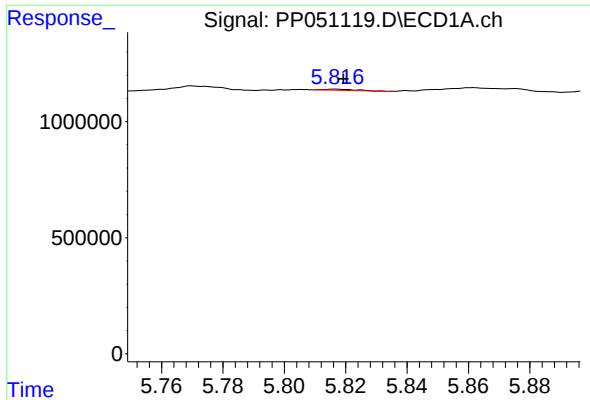
#18 AR-1242-3

R.T.: 5.728 min
Delta R.T.: 0.008 min
Response: 101604
Conc: 2.22 ng/ml



#18 AR-1242-3

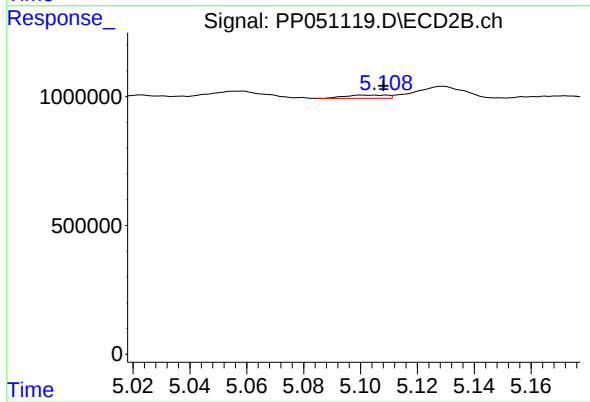
R.T.: 5.010 min
Delta R.T.: -0.014 min
Response: 137021
Conc: 4.30 ng/ml



#19 AR-1242-4

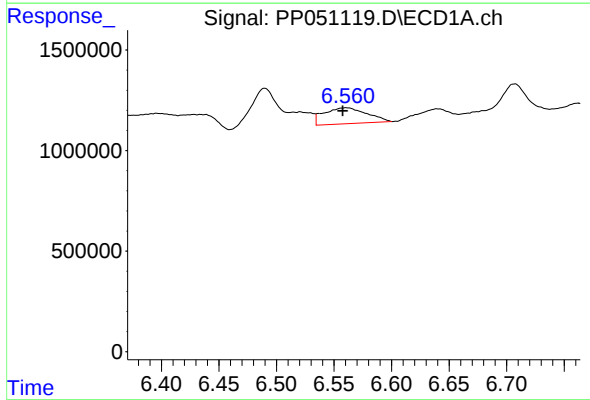
R.T.: 5.817 min
Delta R.T.: -0.002 min
Response: 37762
Conc: 1.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



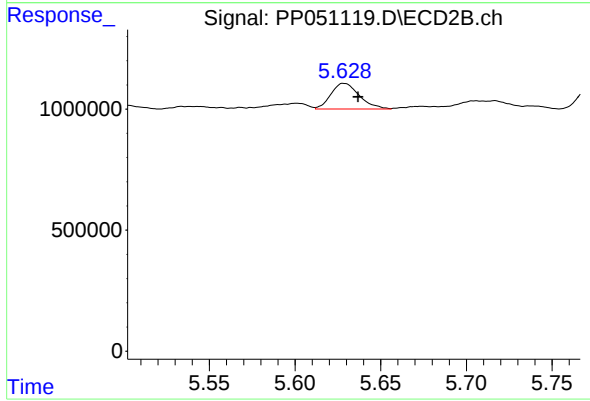
#19 AR-1242-4

R.T.: 5.105 min
Delta R.T.: -0.003 min
Response: 131499
Conc: 4.00 ng/ml



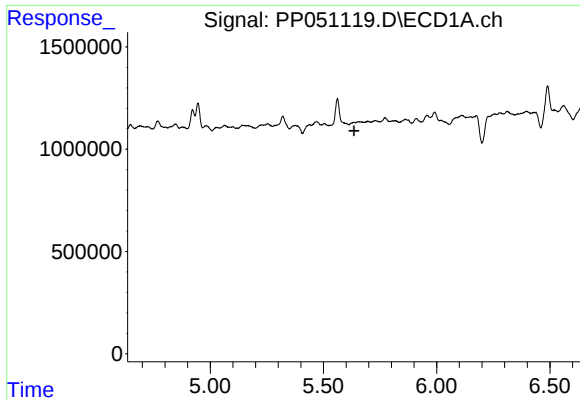
#20 AR-1242-5

R.T.: 6.561 min
Delta R.T.: 0.003 min
Response: 2058053
Conc: 51.51 ng/ml



#20 AR-1242-5

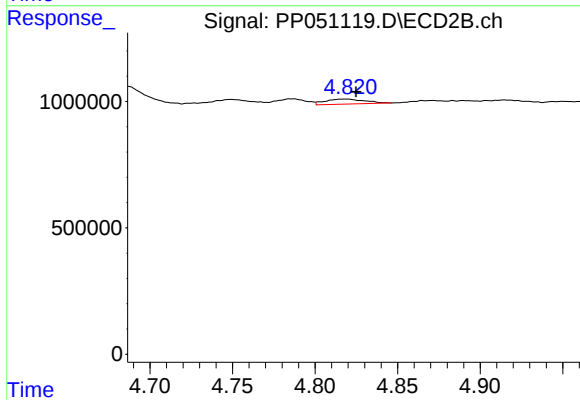
R.T.: 5.628 min
Delta R.T.: -0.009 min
Response: 1218756
Conc: 35.24 ng/ml



#21 AR-1248-1

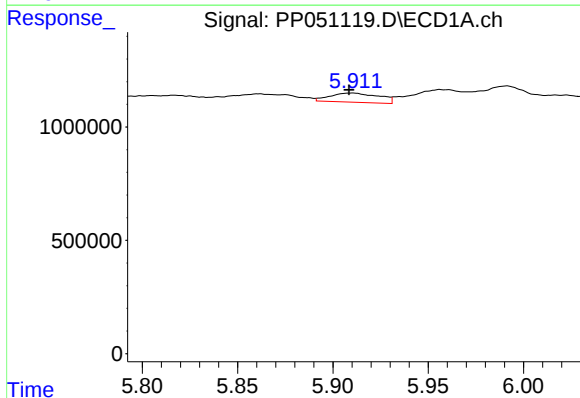
R.T.: 5.636 min
Delta R.T.: 0.002 min
Response: -37550
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



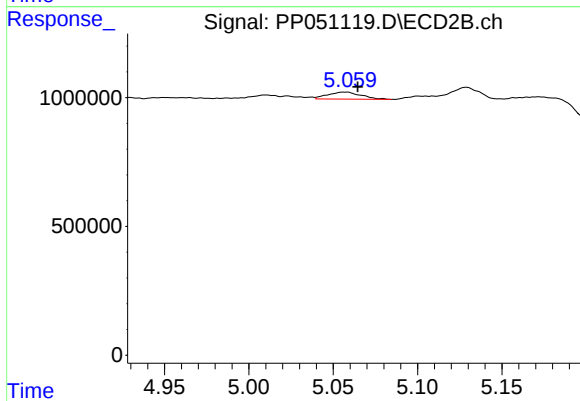
#21 AR-1248-1

R.T.: 4.820 min
Delta R.T.: -0.005 min
Response: 327350
Conc: 10.01 ng/ml



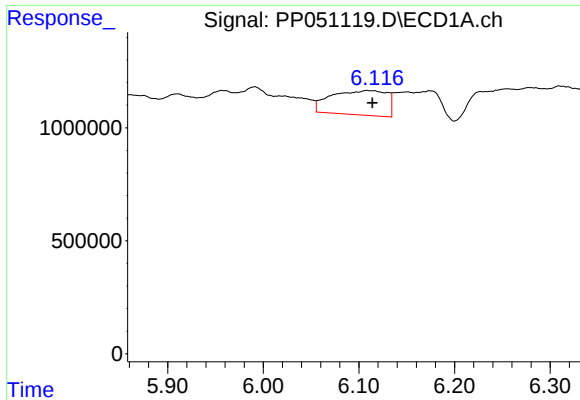
#22 AR-1248-2

R.T.: 5.910 min
Delta R.T.: 0.002 min
Response: 725345
Conc: 10.87 ng/ml



#22 AR-1248-2

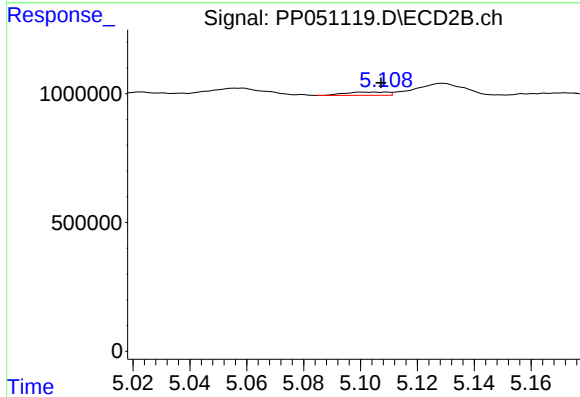
R.T.: 5.058 min
Delta R.T.: -0.006 min
Response: 375912
Conc: 7.64 ng/ml



#23 AR-1248-3

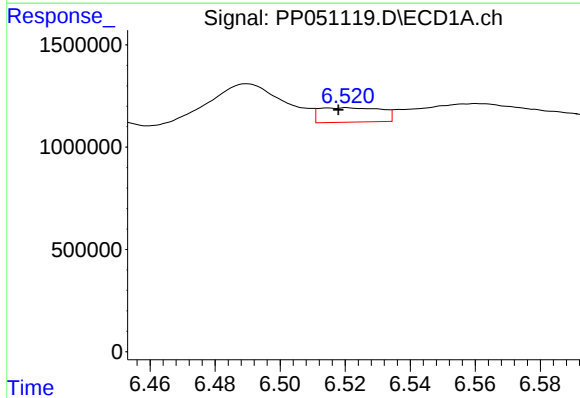
R.T.: 6.109 min
Delta R.T.: -0.005 min
Response: 4393603
Conc: 61.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



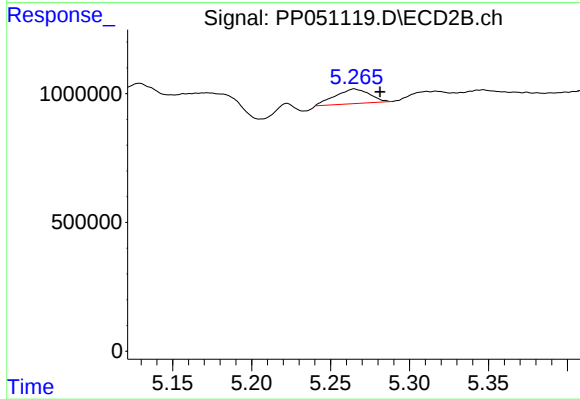
#23 AR-1248-3

R.T.: 5.105 min
Delta R.T.: -0.002 min
Response: 131499
Conc: 2.56 ng/ml



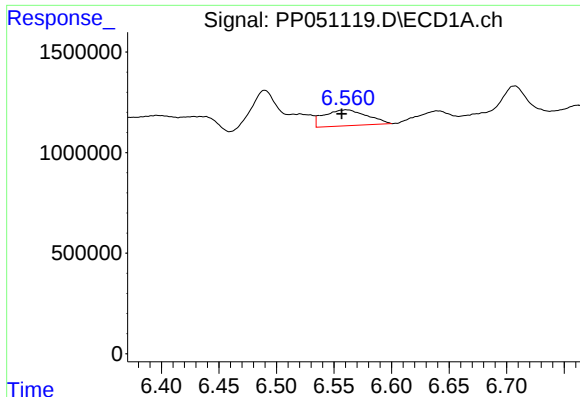
#24 AR-1248-4

R.T.: 6.521 min
Delta R.T.: 0.003 min
Response: 933750
Conc: 13.54 ng/ml



#24 AR-1248-4

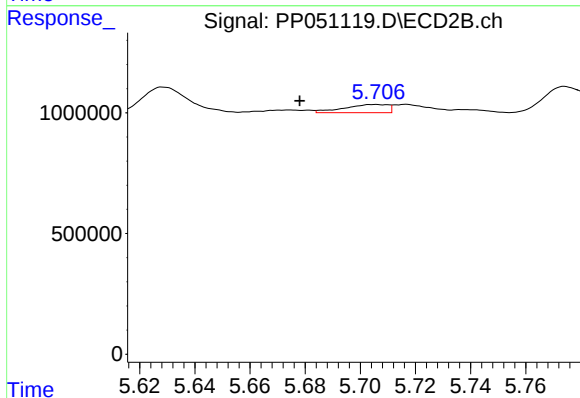
R.T.: 5.265 min
Delta R.T.: -0.016 min
Response: 862750
Conc: 14.56 ng/ml



#25 AR-1248-5

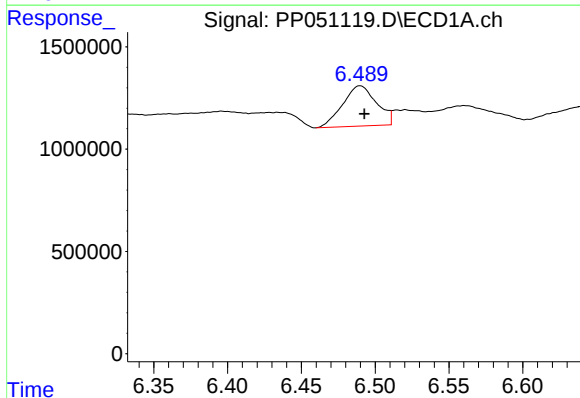
R.T.: 6.561 min
Delta R.T.: 0.004 min
Response: 2058053
Conc: 29.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



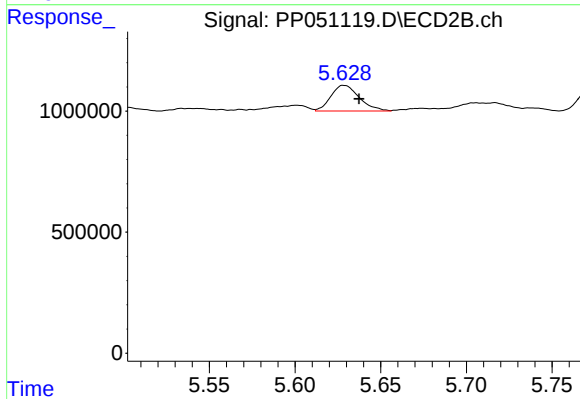
#25 AR-1248-5

R.T.: 5.706 min
Delta R.T.: 0.028 min
Response: 372021
Conc: 7.75 ng/ml



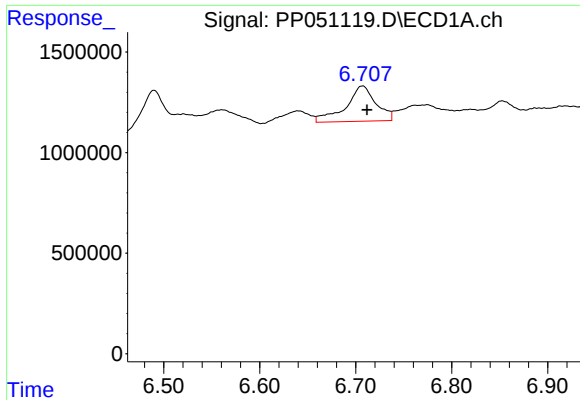
#26 AR-1254-1

R.T.: 6.490 min
Delta R.T.: -0.003 min
Response: 3146309
Conc: 39.48 ng/ml



#26 AR-1254-1

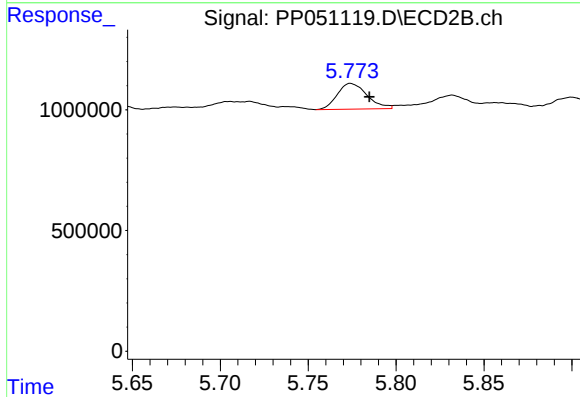
R.T.: 5.628 min
Delta R.T.: -0.009 min
Response: 1218756
Conc: 15.14 ng/ml



#27 AR-1254-2

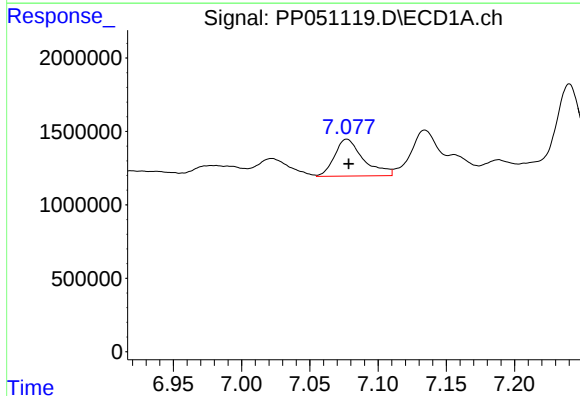
R.T.: 6.707 min
Delta R.T.: -0.005 min
Response: 3840991
Conc: 32.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



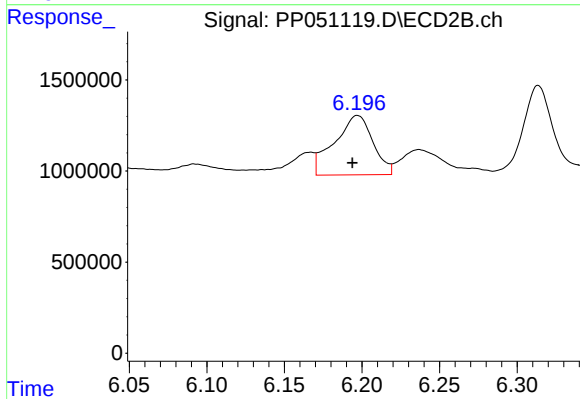
#27 AR-1254-2

R.T.: 5.774 min
Delta R.T.: -0.011 min
Response: 1251690
Conc: 17.94 ng/ml



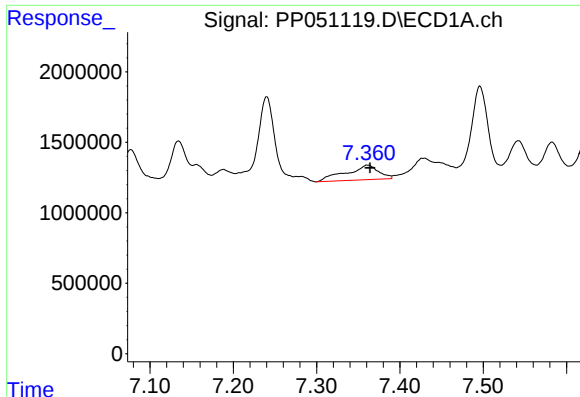
#28 AR-1254-3

R.T.: 7.077 min
Delta R.T.: -0.001 min
Response: 3713442
Conc: 32.45 ng/ml



#28 AR-1254-3

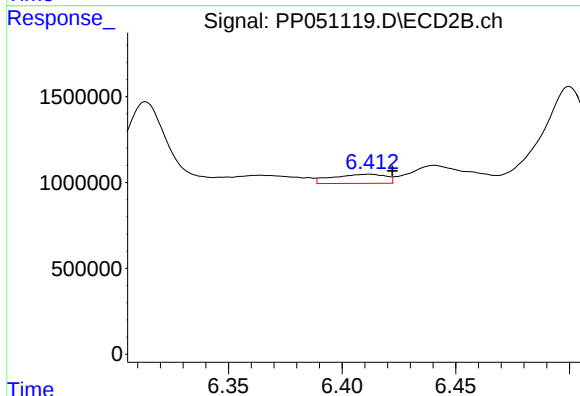
R.T.: 6.197 min
Delta R.T.: 0.003 min
Response: 5646371
Conc: 52.71 ng/ml



#29 AR-1254-4

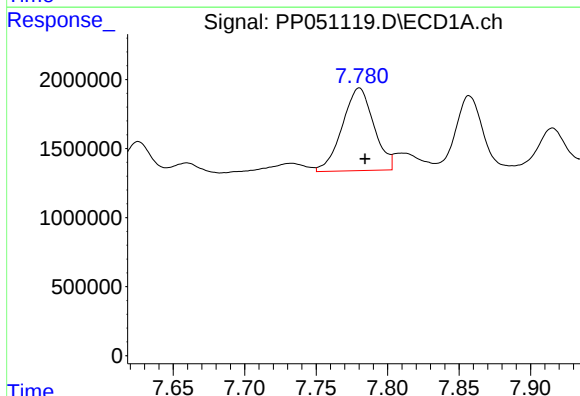
R.T.: 7.361 min
Delta R.T.: -0.003 min
Response: 2819225
Conc: 40.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



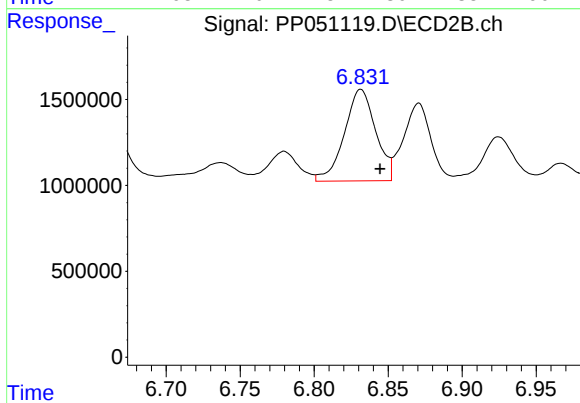
#29 AR-1254-4

R.T.: 6.412 min
Delta R.T.: -0.010 min
Response: 863612
Conc: 17.29 ng/ml



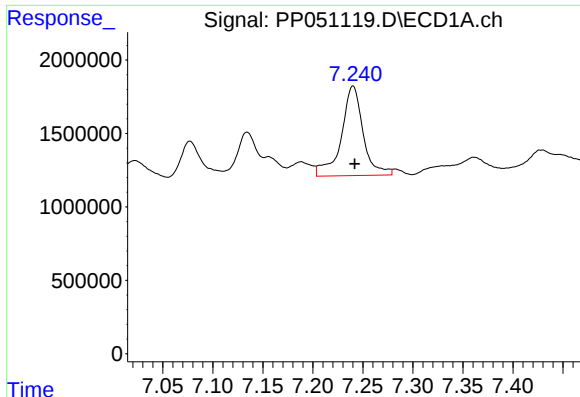
#30 AR-1254-5

R.T.: 7.780 min
Delta R.T.: -0.004 min
Response: 9198441
Conc: 110.18 ng/ml



#30 AR-1254-5

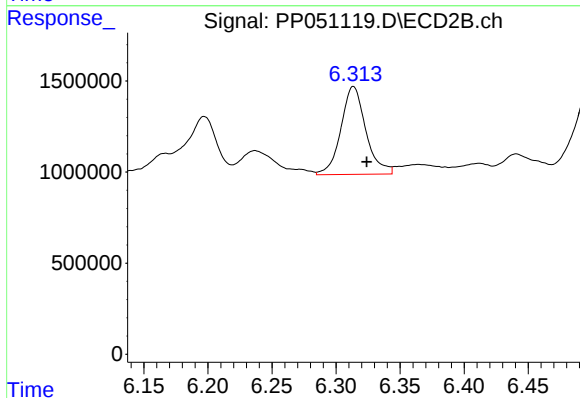
R.T.: 6.831 min
Delta R.T.: -0.013 min
Response: 7837702
Conc: 92.31 ng/ml



#31 AR-1260-1

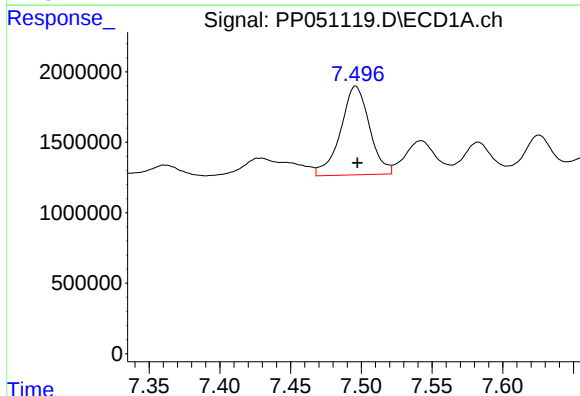
R.T.: 7.240 min
Delta R.T.: -0.002 min
Response: 9276212
Conc: 97.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



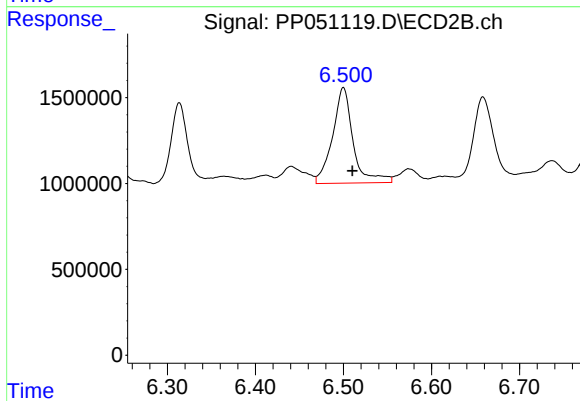
#31 AR-1260-1

R.T.: 6.314 min
Delta R.T.: -0.010 min
Response: 6523993
Conc: 86.31 ng/ml



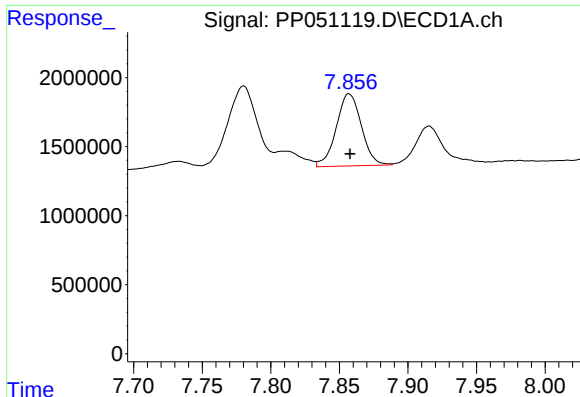
#32 AR-1260-2

R.T.: 7.496 min
Delta R.T.: -0.001 min
Response: 8963145
Conc: 88.59 ng/ml



#32 AR-1260-2

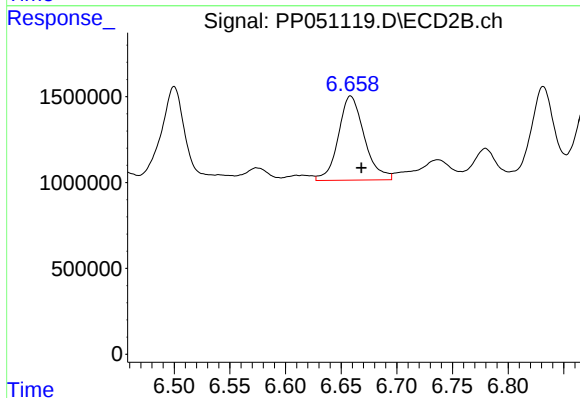
R.T.: 6.500 min
Delta R.T.: -0.010 min
Response: 9049288
Conc: 107.76 ng/ml



#33 AR-1260-3

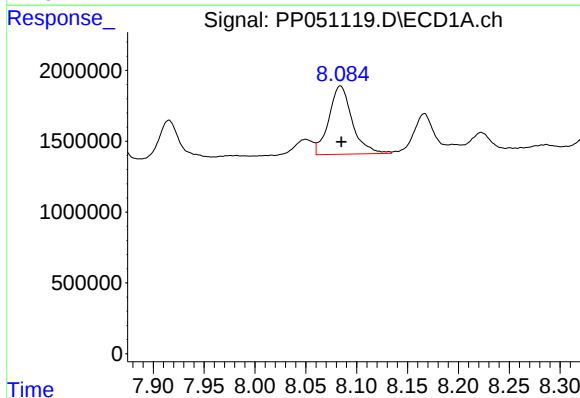
R.T.: 7.857 min
Delta R.T.: 0.000 min
Response: 6664449
Conc: 81.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



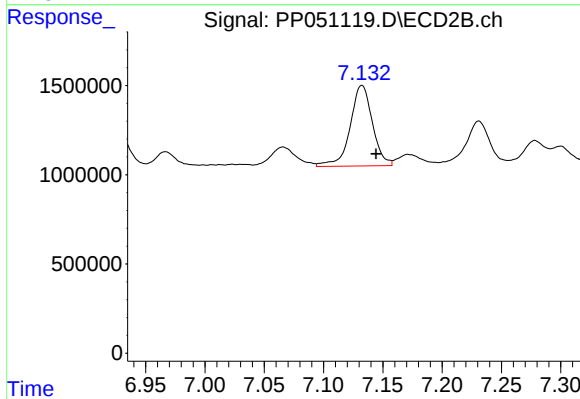
#33 AR-1260-3

R.T.: 6.658 min
Delta R.T.: -0.010 min
Response: 7963053
Conc: 95.72 ng/ml



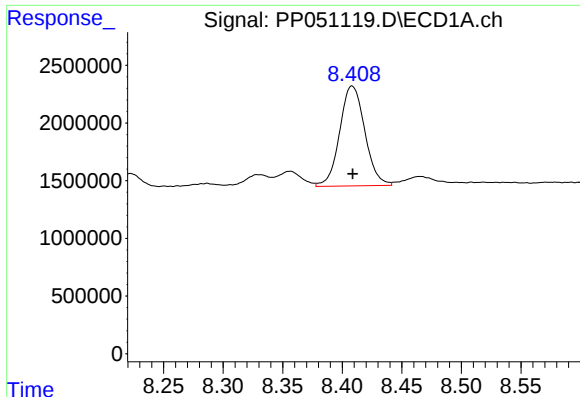
#34 AR-1260-4

R.T.: 8.084 min
Delta R.T.: -0.001 min
Response: 7709373
Conc: 85.20 ng/ml



#34 AR-1260-4

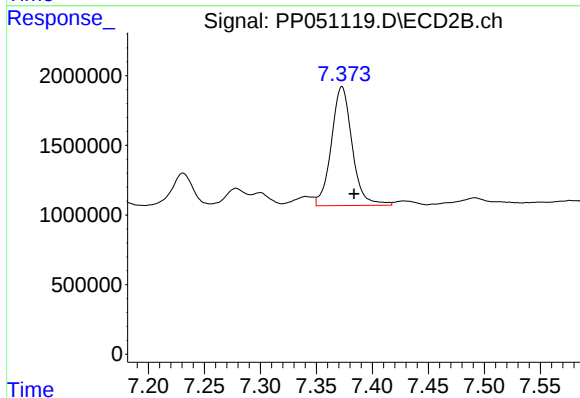
R.T.: 7.132 min
Delta R.T.: -0.012 min
Response: 5913318
Conc: 92.69 ng/ml



#35 AR-1260-5

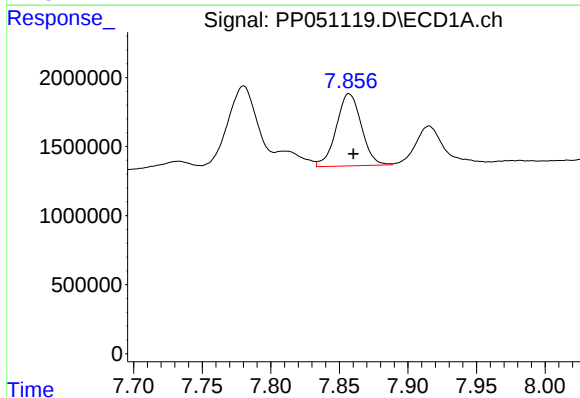
R.T.: 8.408 min
Delta R.T.: 0.000 min
Response: 12723357
Conc: 83.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



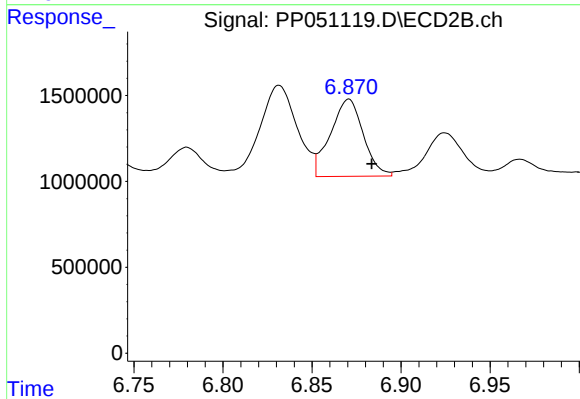
#35 AR-1260-5

R.T.: 7.373 min
Delta R.T.: -0.011 min
Response: 11050554
Conc: 88.30 ng/ml



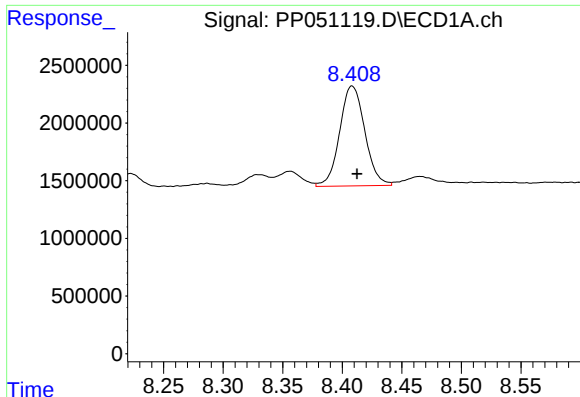
#36 AR-1262-1

R.T.: 7.857 min
Delta R.T.: -0.003 min
Response: 6664449
Conc: 58.94 ng/ml



#36 AR-1262-1

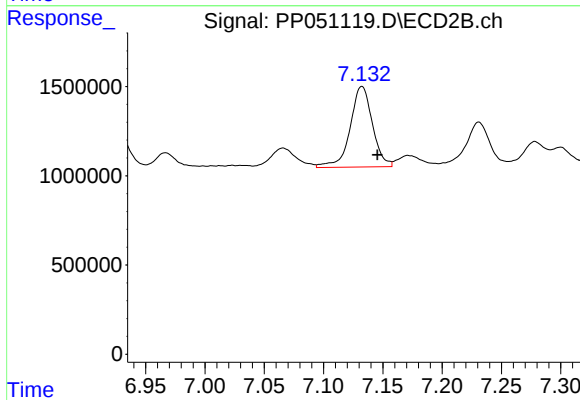
R.T.: 6.871 min
Delta R.T.: -0.013 min
Response: 5772931
Conc: 62.71 ng/ml



#37 AR-1262-2

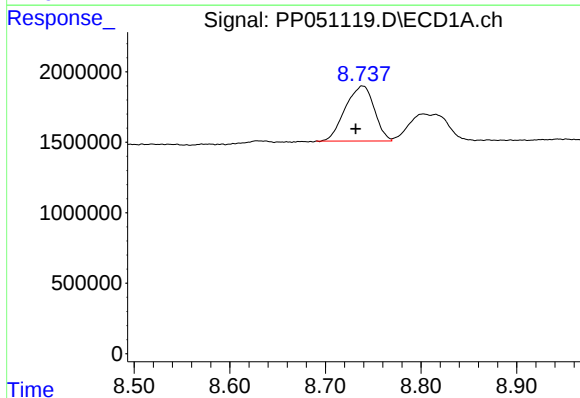
R.T.: 8.408 min
Delta R.T.: -0.004 min
Response: 12723357
Conc: 77.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



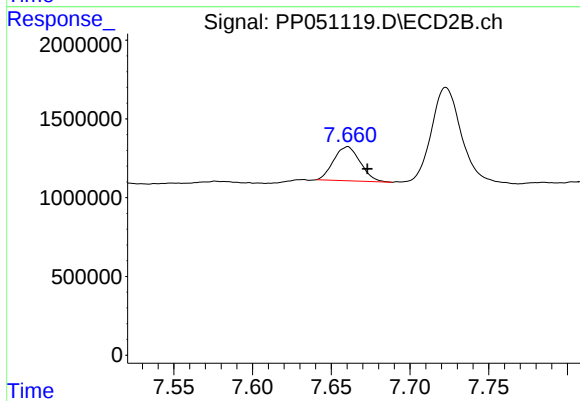
#37 AR-1262-2

R.T.: 7.132 min
Delta R.T.: -0.013 min
Response: 5913318
Conc: 72.31 ng/ml



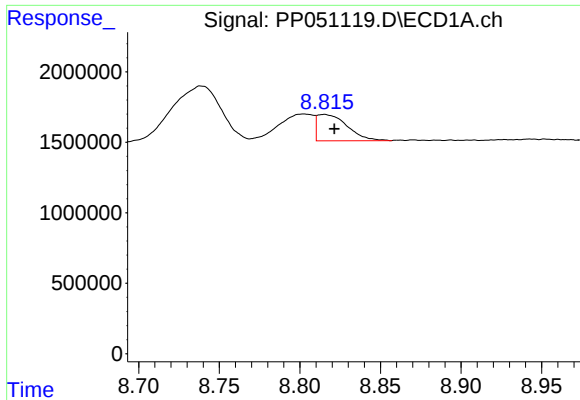
#38 AR-1262-3

R.T.: 8.739 min
Delta R.T.: 0.007 min
Response: 8240378
Conc: 69.46 ng/ml



#38 AR-1262-3

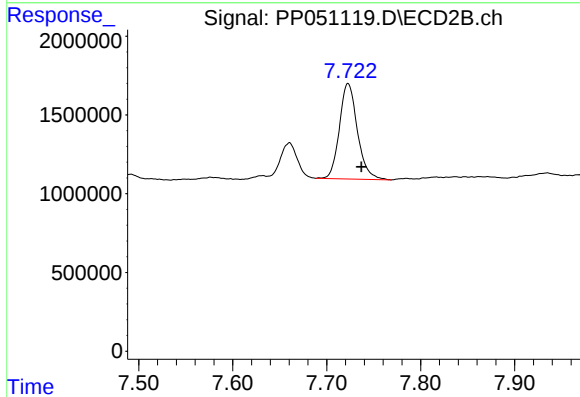
R.T.: 7.660 min
Delta R.T.: -0.013 min
Response: 2547288
Conc: 50.31 ng/ml



#39 AR-1262-4

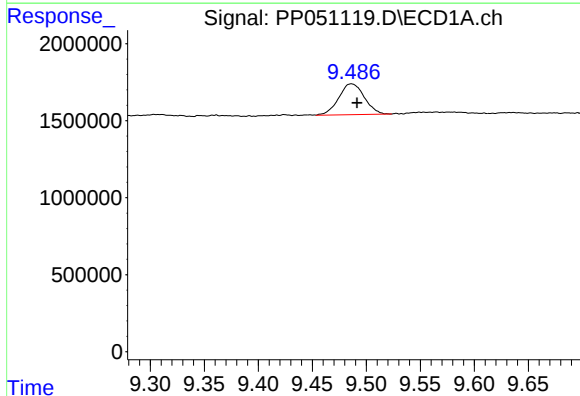
R.T.: 8.815 min
Delta R.T.: -0.006 min
Response: 2435386
Conc: 38.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



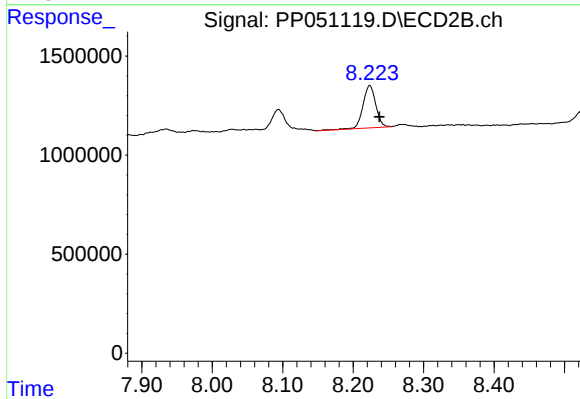
#39 AR-1262-4

R.T.: 7.723 min
Delta R.T.: -0.014 min
Response: 8055699
Conc: 84.43 ng/ml



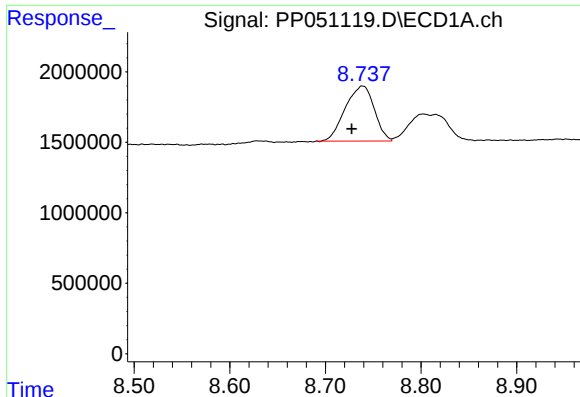
#40 AR-1262-5

R.T.: 9.486 min
Delta R.T.: -0.005 min
Response: 3299947
Conc: 62.80 ng/ml



#40 AR-1262-5

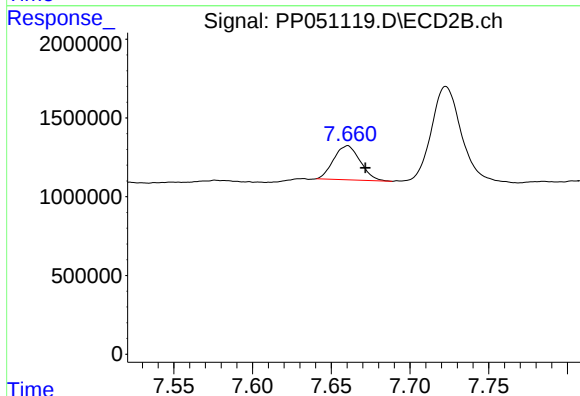
R.T.: 8.224 min
Delta R.T.: -0.014 min
Response: 2706428
Conc: 82.40 ng/ml



#41 AR-1268-1

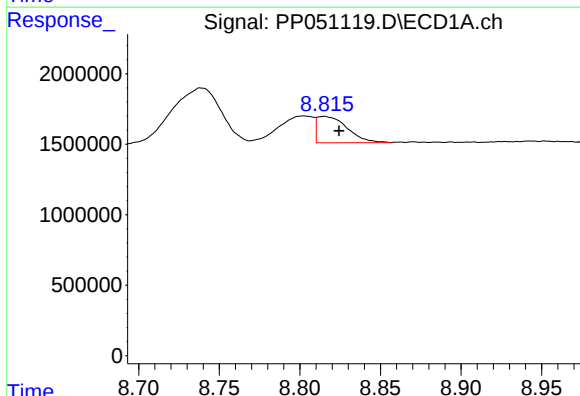
R.T.: 8.739 min
Delta R.T.: 0.011 min
Response: 8240378
Conc: 36.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



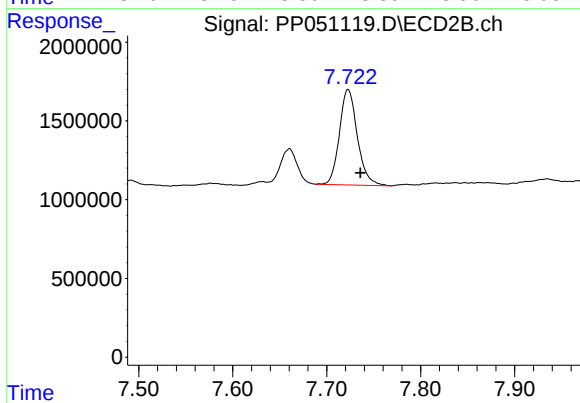
#41 AR-1268-1

R.T.: 7.660 min
Delta R.T.: -0.011 min
Response: 2547288
Conc: 16.01 ng/ml



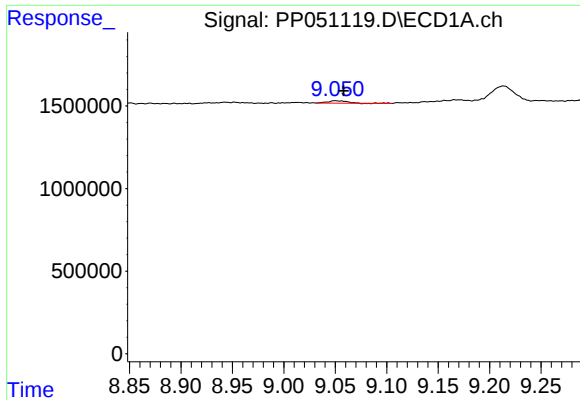
#42 AR-1268-2

R.T.: 8.815 min
Delta R.T.: -0.009 min
Response: 2435386
Conc: 12.08 ng/ml



#42 AR-1268-2

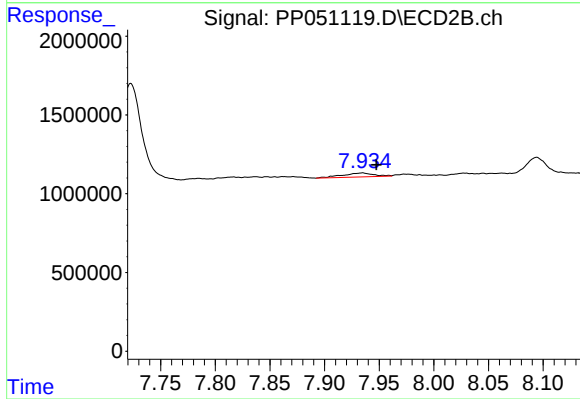
R.T.: 7.723 min
Delta R.T.: -0.013 min
Response: 8055699
Conc: 53.54 ng/ml



#43 AR-1268-3

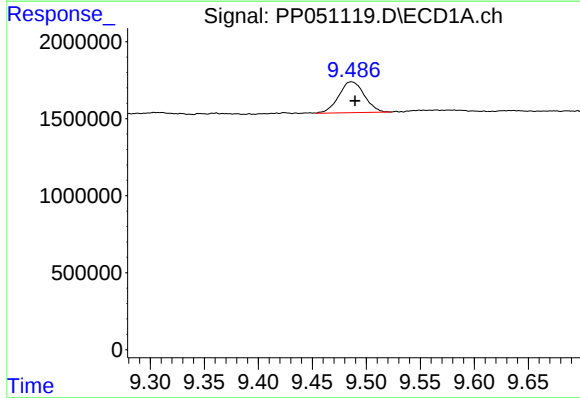
R.T.: 9.050 min
Delta R.T.: -0.008 min
Response: 186879
Conc: 0.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



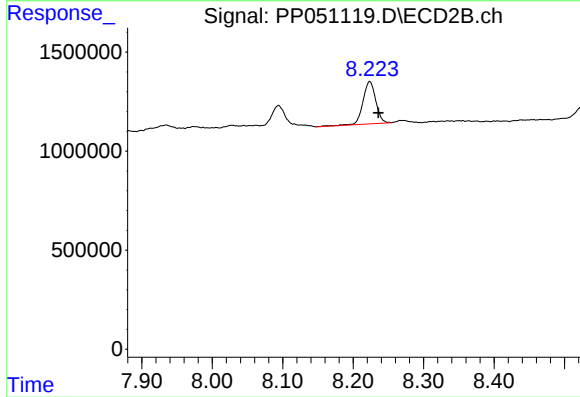
#43 AR-1268-3

R.T.: 7.935 min
Delta R.T.: -0.013 min
Response: 504350
Conc: 3.85 ng/ml



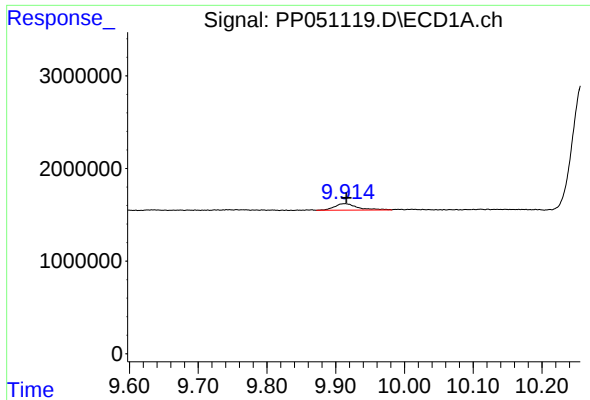
#44 AR-1268-4

R.T.: 9.486 min
Delta R.T.: -0.003 min
Response: 3299947
Conc: 57.88 ng/ml



#44 AR-1268-4

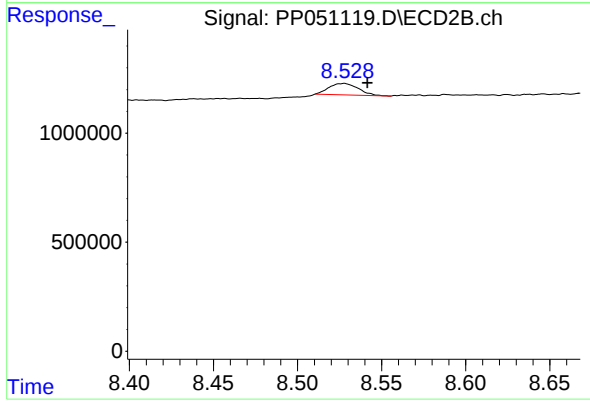
R.T.: 8.224 min
Delta R.T.: -0.013 min
Response: 2706428
Conc: 70.34 ng/ml



#45 AR-1268-5

R.T.: 9.913 min
Delta R.T.: -0.002 min
Response: 1656848
Conc: 3.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.527 min
Delta R.T.: -0.014 min
Response: 638968
Conc: 2.01 ng/ml