

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP040723\
 Data File : PP056794.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2023 11:45
 Operator : YP\AJ
 Sample : 02213-09
 Misc : AR1268 MDL 25 PPB
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 13:44:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP040623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 07 04:14:17 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...	4.432	3.660	42095238	33726748	19.593	19.392
2)	SA Decachlor...	10.265	8.741	30786963	36619123	23.521	23.290
Target Compounds							
3)	L1 AR-1016-1	5.607	4.765	100680	88613	1.640	1.664
4)	L1 AR-1016-2	5.644	4.783	112633	50402	1.263	0.680 #
5)	L1 AR-1016-3	5.692	4.964	88344	67698	1.558	1.682
6)	L1 AR-1016-4	5.803	5.009	25776	43637	0.576	1.204 #
7)	L1 AR-1016-5	6.090	5.213	35584	65117	0.759	1.387 #
8)	L2 AR-1221-1	4.642	0.000	98829	0	3.747	N.D. #
9)	L2 AR-1221-2	4.741	3.964	563673	492600	29.016	29.982
10)	L2 AR-1221-3	4.813	4.056	29644	68709	0.520	1.401 #
11)	L3 AR-1232-1	4.813	4.056	29644	68709	0.615	1.670 #
12)	L3 AR-1232-2	5.330	4.783	25408	50402	1.017	1.471 #
13)	L3 AR-1232-3	5.644	4.964	112633	67698	2.794	3.679 #
14)	L3 AR-1232-4	5.803	5.050	25776	121243	1.279	6.327 #
15)	L3 AR-1232-5	5.888	5.213	46446	65117	2.642	3.063
16)	L4 AR-1242-1	5.607	4.765	100680	88613	2.002	2.060
17)	L4 AR-1242-2	5.644	4.783	112633	50402	1.547	0.847 #
18)	L4 AR-1242-3	5.692	4.964	88344	67698	1.928	2.098
19)	L4 AR-1242-4	5.803	5.050	25776	121243	0.714	3.328 #
20)	L4 AR-1242-5	6.538	5.599f	87126	356740	2.625	8.947 #
21)	L5 AR-1248-1	5.607	4.765	100680	88613	2.683	2.692
22)	L5 AR-1248-2	5.888	5.009	46446	43637	0.789	0.847
23)	L5 AR-1248-3	6.090	5.050	35584	121243	0.559	2.259 #
24)	L5 AR-1248-4	6.506	5.213	32273	65117	0.556	1.052 #
25)	L5 AR-1248-5	6.538	5.599f	87126	356740	1.542	6.948 #
26)	L6 AR-1254-1	6.468	5.599f	440016	356740	6.206	3.873 #
27)	L6 AR-1254-2	6.689	5.736	34192	357353	0.337	4.446 #
28)	L6 AR-1254-3	7.086f	6.127	222403	227785	2.294	1.843
29)	L6 AR-1254-4	7.344	6.358	85668	70998	1.404	1.117
30)	L6 AR-1254-5	7.755	6.780	51257	267602	0.752	2.545 #
31)	L7 AR-1260-1	7.226	6.265	97483	303241	1.198	3.171 #
33)	L7 AR-1260-3	7.841	6.612	1138123	371628	16.297	3.584 #
34)	L7 AR-1260-4	8.090	7.080	1968597	1898382	25.801	22.227
35)	L7 AR-1260-5	8.394	7.322	513931	503405	4.060	3.181
36)	L8 AR-1262-1	7.841	6.873	1138123	171063	12.921	3.656 #
37)	L8 AR-1262-2	8.394	7.080	513931	1898382	3.969	19.410 #
38)	L8 AR-1262-3	8.712	7.610	5133053	6374920	55.727	95.988 #
39)	L8 AR-1262-4	8.808	7.674	4896656	5589537	107.843	47.424 #
40)	L8 AR-1262-5	9.480	8.173	1320192	1653041	32.863	33.917
41)	L9 AR-1268-1	8.712	7.610	5133053	6374920	27.559	28.757
42)	L9 AR-1268-2	8.808	7.674	4896656	5589537	29.507	28.782

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 Misc : AR1268 MDL 25 PPB
 ALS Vial : 79 Sample Multiplier: 1

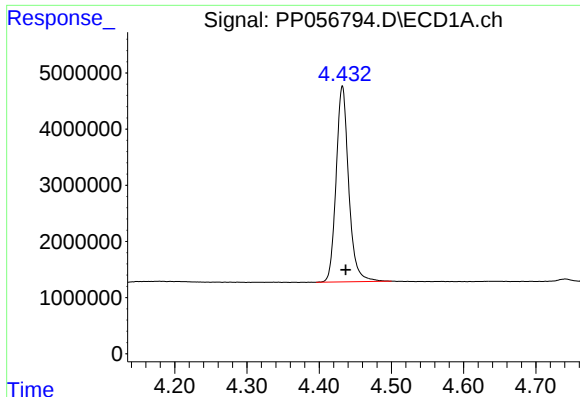
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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
43) L9	AR-1268-3	9.045	7.884	4688480	5770288	29.463	29.110
44) L9	AR-1268-4	9.480	8.173	1320192	1653041	28.434	28.578
45) L9	AR-1268-5	9.911	8.475	11981368	15179759	27.897	29.891

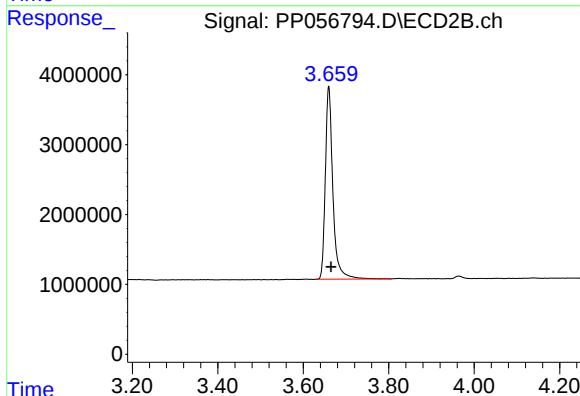
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

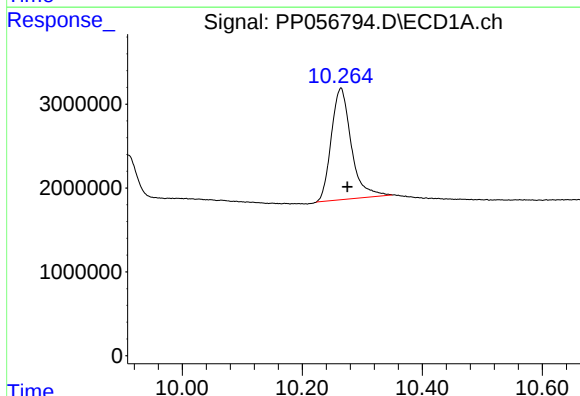
R.T.: 4.432 min
Delta R.T.: -0.005 min
Response: 42095238
Conc: 19.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



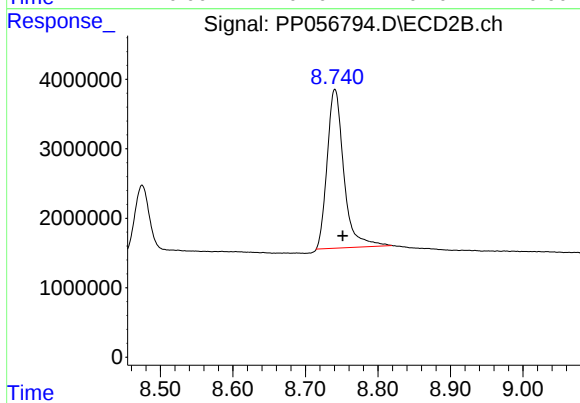
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: -0.005 min
Response: 33726748
Conc: 19.39 ng/ml



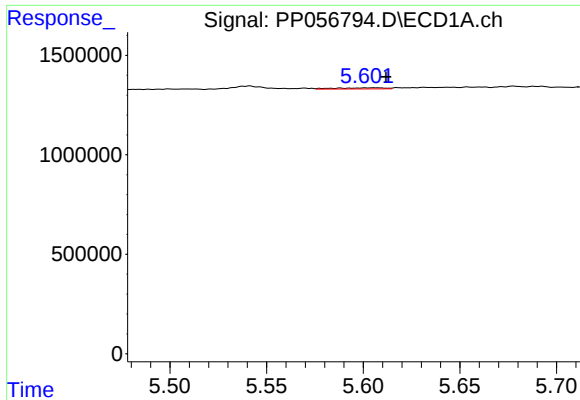
#2 Decachlorobiphenyl

R.T.: 10.265 min
Delta R.T.: -0.010 min
Response: 30786963
Conc: 23.52 ng/ml



#2 Decachlorobiphenyl

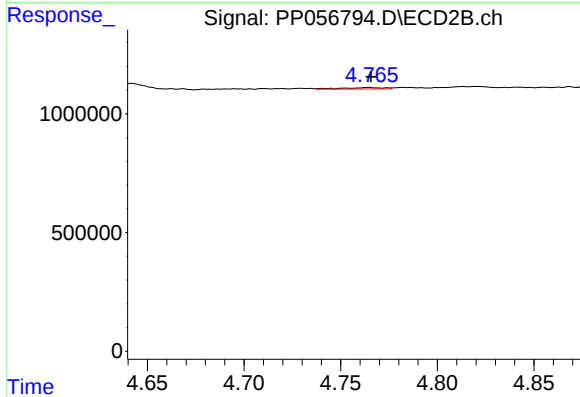
R.T.: 8.741 min
Delta R.T.: -0.011 min
Response: 36619123
Conc: 23.29 ng/ml



#3 AR-1016-1

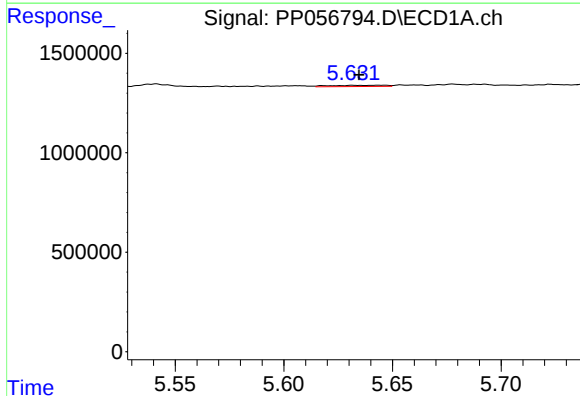
R.T.: 5.607 min
Delta R.T.: -0.005 min
Response: 100680
Conc: 1.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



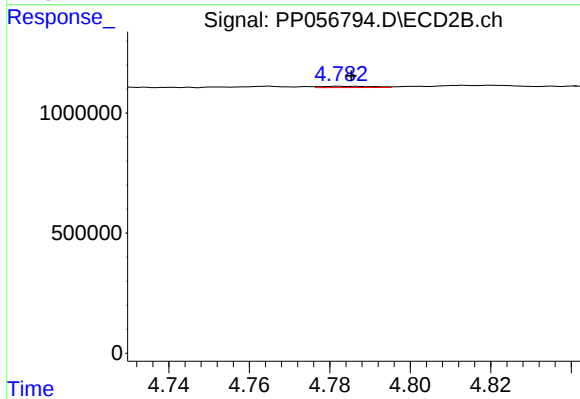
#3 AR-1016-1

R.T.: 4.765 min
Delta R.T.: -0.001 min
Response: 88613
Conc: 1.66 ng/ml



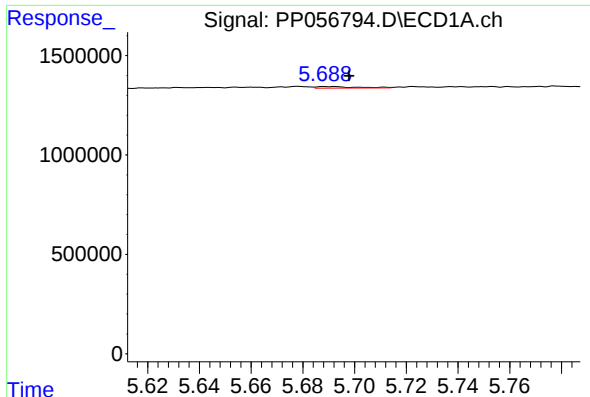
#4 AR-1016-2

R.T.: 5.644 min
Delta R.T.: 0.009 min
Response: 112633
Conc: 1.26 ng/ml



#4 AR-1016-2

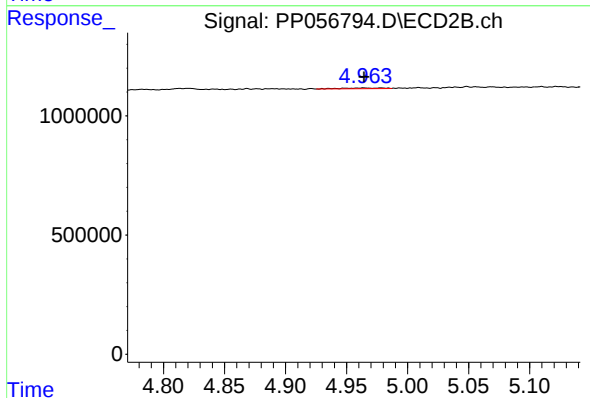
R.T.: 4.783 min
Delta R.T.: -0.003 min
Response: 50402
Conc: 0.68 ng/ml



#5 AR-1016-3

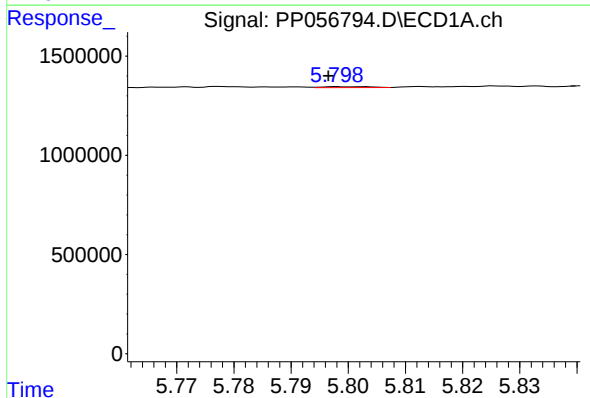
R.T.: 5.692 min
Delta R.T.: -0.006 min
Response: 88344
Conc: 1.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



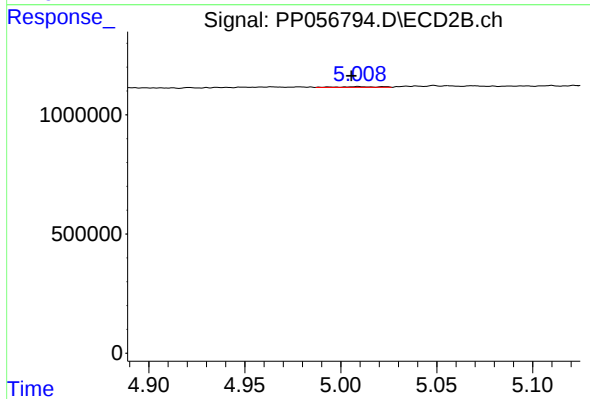
#5 AR-1016-3

R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 67698
Conc: 1.68 ng/ml



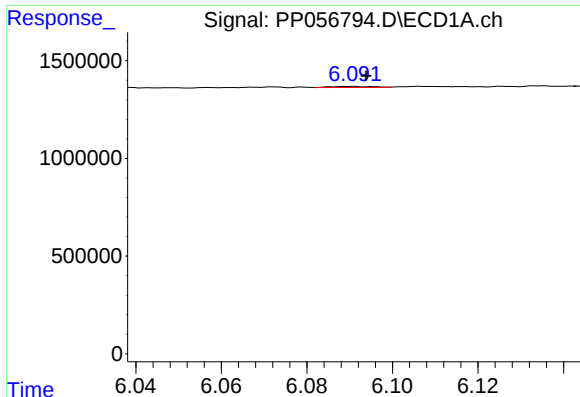
#6 AR-1016-4

R.T.: 5.803 min
Delta R.T.: 0.006 min
Response: 25776
Conc: 0.58 ng/ml



#6 AR-1016-4

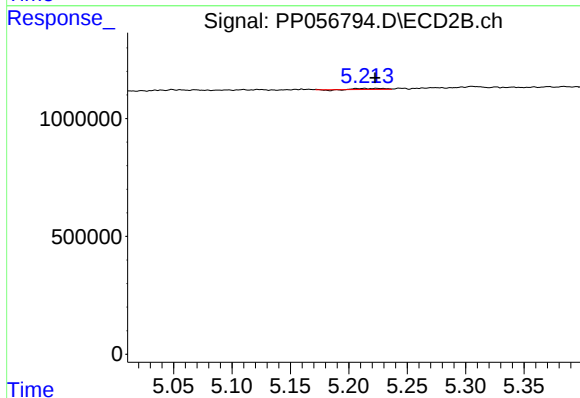
R.T.: 5.009 min
Delta R.T.: 0.003 min
Response: 43637
Conc: 1.20 ng/ml



#7 AR-1016-5

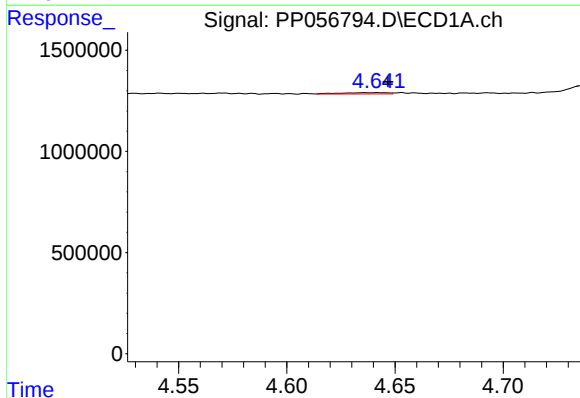
R.T.: 6.090 min
Delta R.T.: -0.004 min
Response: 35584
Conc: 0.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



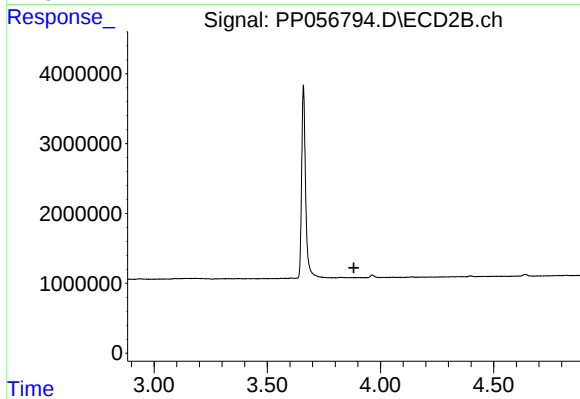
#7 AR-1016-5

R.T.: 5.213 min
Delta R.T.: -0.010 min
Response: 65117
Conc: 1.39 ng/ml



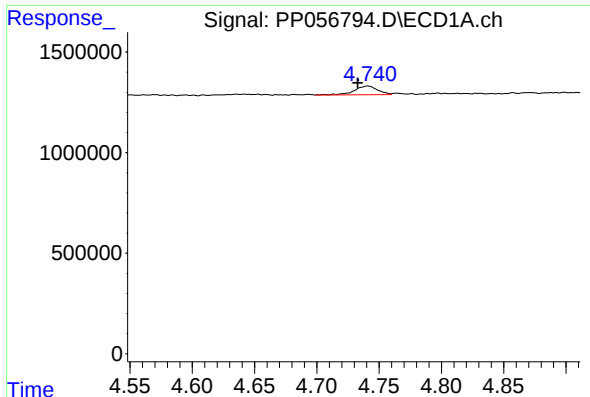
#8 AR-1221-1

R.T.: 4.642 min
Delta R.T.: -0.005 min
Response: 98829
Conc: 3.75 ng/ml



#8 AR-1221-1

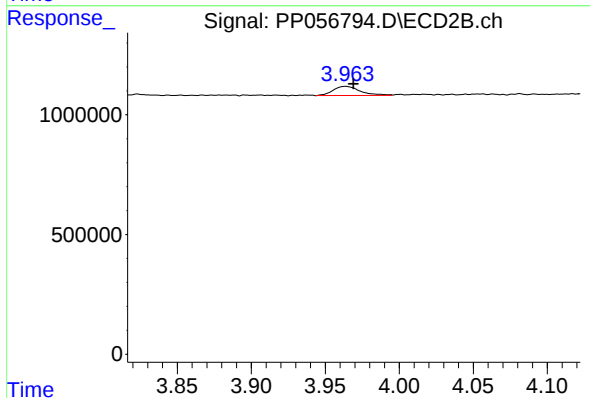
R.T.: 0.000 min
Exp R.T. : 3.882 min
Response: 0
Conc: N.D.



#9 AR-1221-2

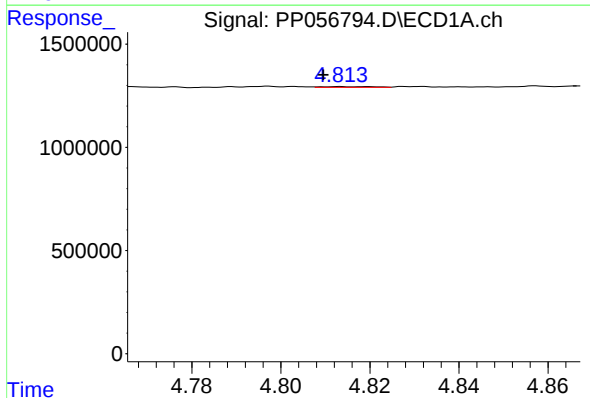
R.T.: 4.741 min
Delta R.T.: 0.008 min
Response: 563673
Conc: 29.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



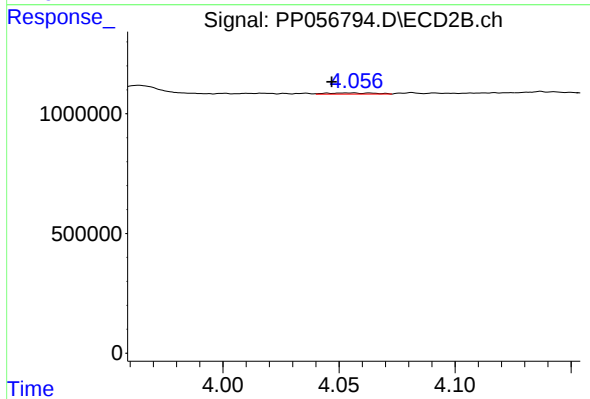
#9 AR-1221-2

R.T.: 3.964 min
Delta R.T.: -0.005 min
Response: 492600
Conc: 29.98 ng/ml



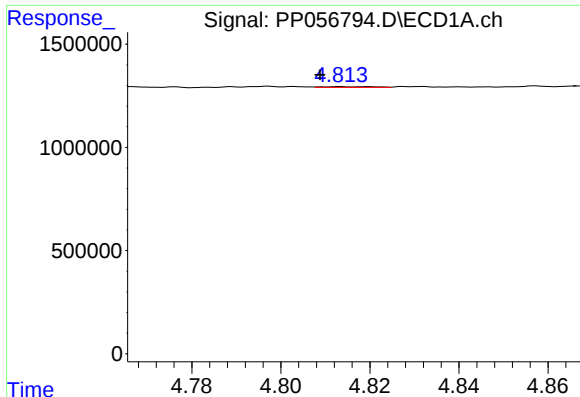
#10 AR-1221-3

R.T.: 4.813 min
Delta R.T.: 0.004 min
Response: 29644
Conc: 0.52 ng/ml



#10 AR-1221-3

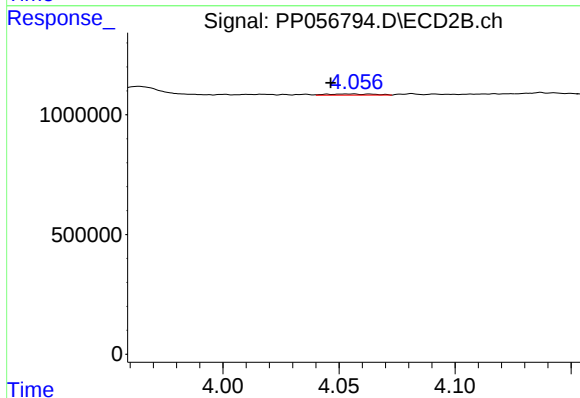
R.T.: 4.056 min
Delta R.T.: 0.009 min
Response: 68709
Conc: 1.40 ng/ml



#11 AR-1232-1

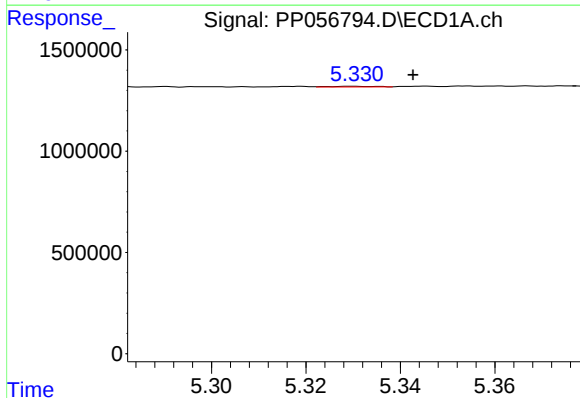
R.T.: 4.813 min
Delta R.T.: 0.004 min
Response: 29644
Conc: 0.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



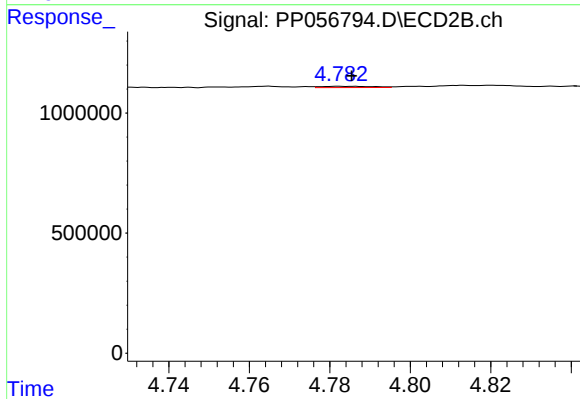
#11 AR-1232-1

R.T.: 4.056 min
Delta R.T.: 0.009 min
Response: 68709
Conc: 1.67 ng/ml



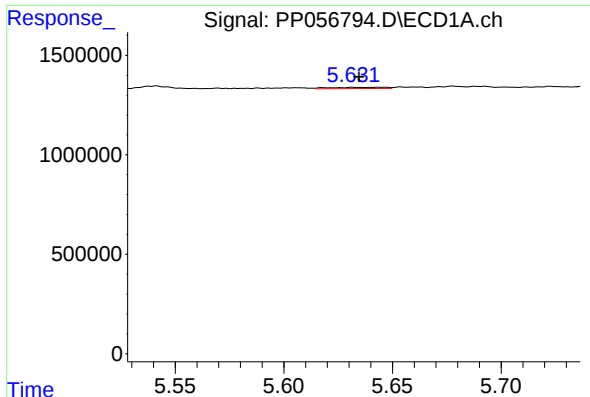
#12 AR-1232-2

R.T.: 5.330 min
Delta R.T.: -0.013 min
Response: 25408
Conc: 1.02 ng/ml



#12 AR-1232-2

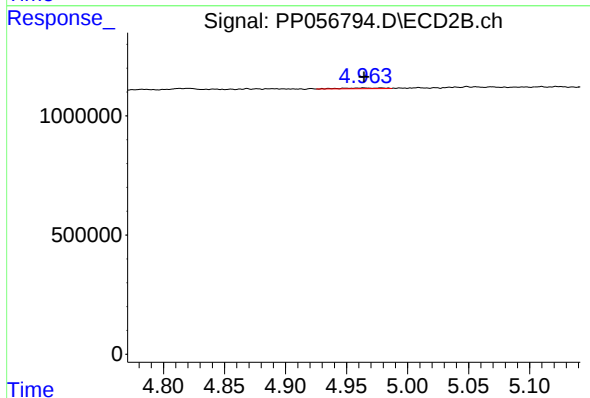
R.T.: 4.783 min
Delta R.T.: -0.003 min
Response: 50402
Conc: 1.47 ng/ml



#13 AR-1232-3

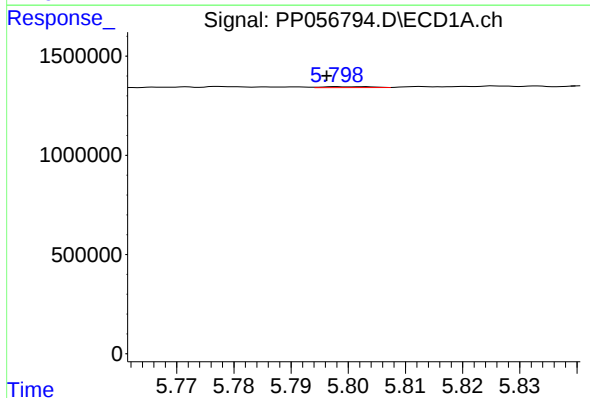
R.T.: 5.644 min
Delta R.T.: 0.009 min
Response: 112633
Conc: 2.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



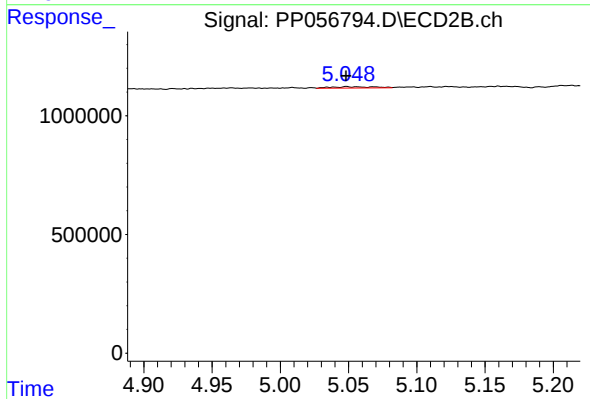
#13 AR-1232-3

R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 67698
Conc: 3.68 ng/ml



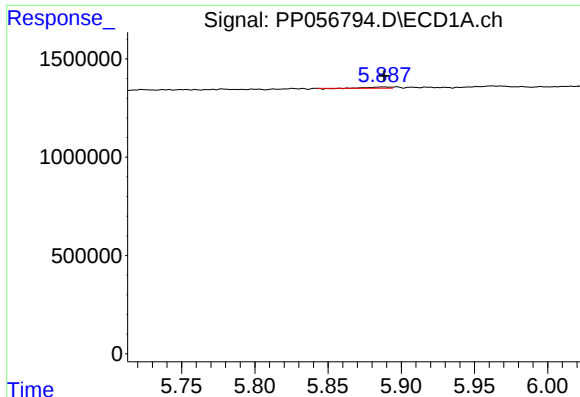
#14 AR-1232-4

R.T.: 5.803 min
Delta R.T.: 0.006 min
Response: 25776
Conc: 1.28 ng/ml



#14 AR-1232-4

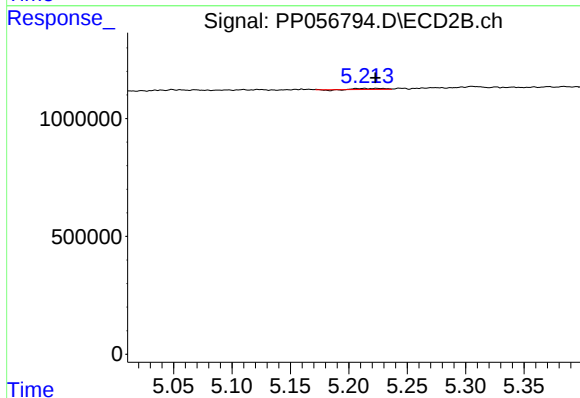
R.T.: 5.050 min
Delta R.T.: 0.001 min
Response: 121243
Conc: 6.33 ng/ml



#15 AR-1232-5

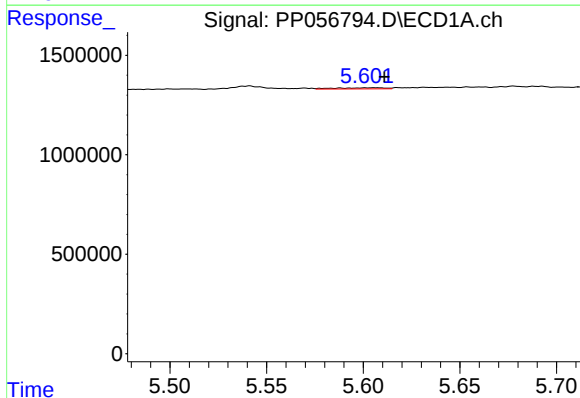
R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 46446
Conc: 2.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



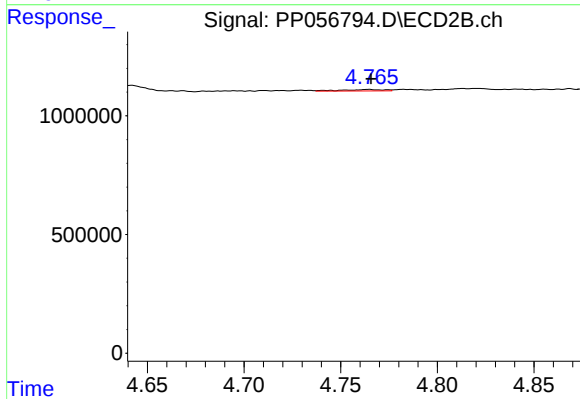
#15 AR-1232-5

R.T.: 5.213 min
Delta R.T.: -0.010 min
Response: 65117
Conc: 3.06 ng/ml



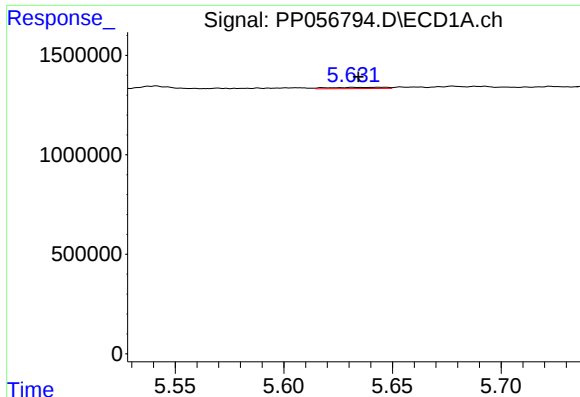
#16 AR-1242-1

R.T.: 5.607 min
Delta R.T.: -0.004 min
Response: 100680
Conc: 2.00 ng/ml



#16 AR-1242-1

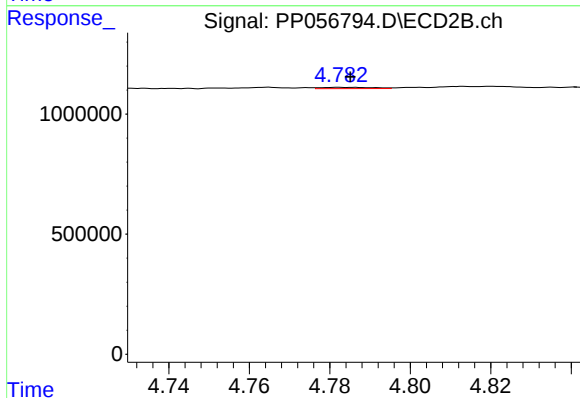
R.T.: 4.765 min
Delta R.T.: -0.001 min
Response: 88613
Conc: 2.06 ng/ml



#17 AR-1242-2

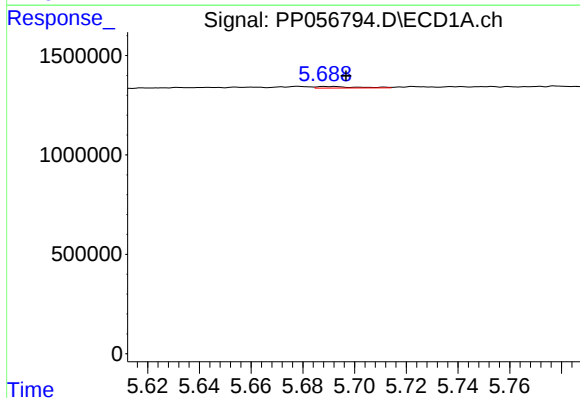
R.T.: 5.644 min
Delta R.T.: 0.009 min
Response: 112633
Conc: 1.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



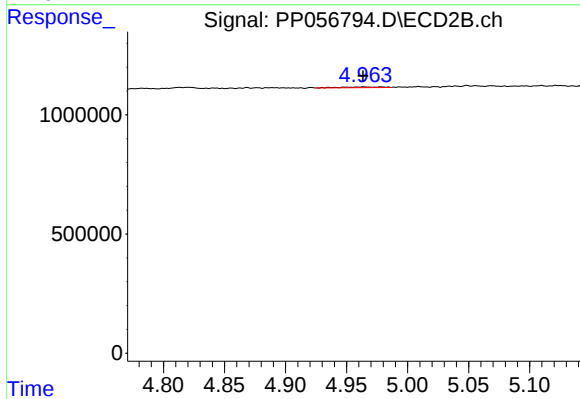
#17 AR-1242-2

R.T.: 4.783 min
Delta R.T.: -0.002 min
Response: 50402
Conc: 0.85 ng/ml



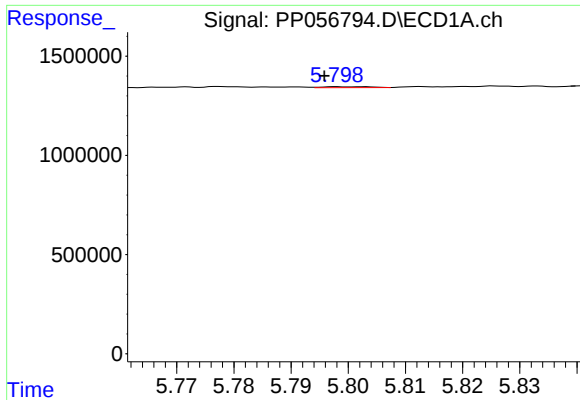
#18 AR-1242-3

R.T.: 5.692 min
Delta R.T.: -0.005 min
Response: 88344
Conc: 1.93 ng/ml



#18 AR-1242-3

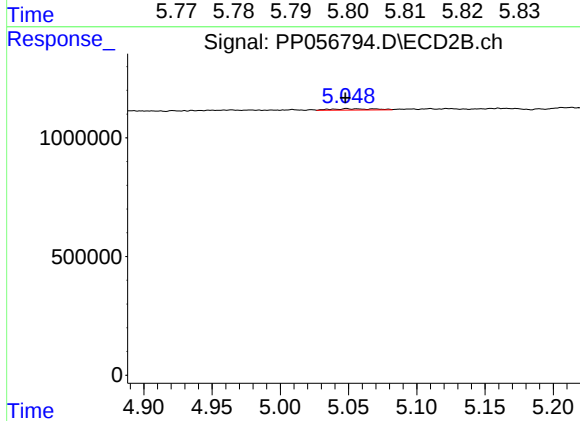
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 67698
Conc: 2.10 ng/ml



#19 AR-1242-4

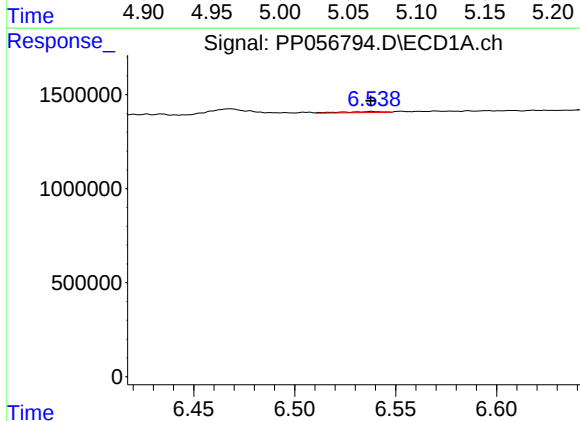
R.T.: 5.803 min
Delta R.T.: 0.007 min
Response: 25776
Conc: 0.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



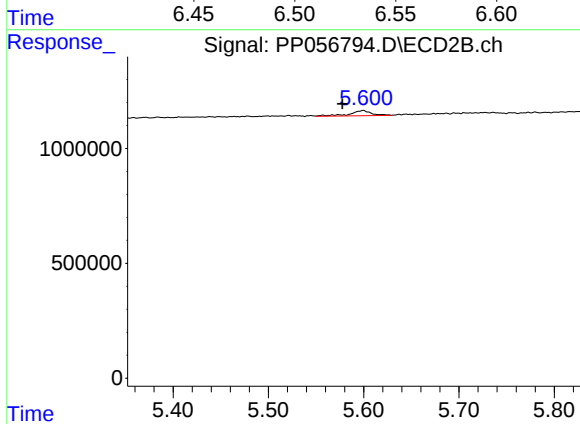
#19 AR-1242-4

R.T.: 5.050 min
Delta R.T.: 0.002 min
Response: 121243
Conc: 3.33 ng/ml



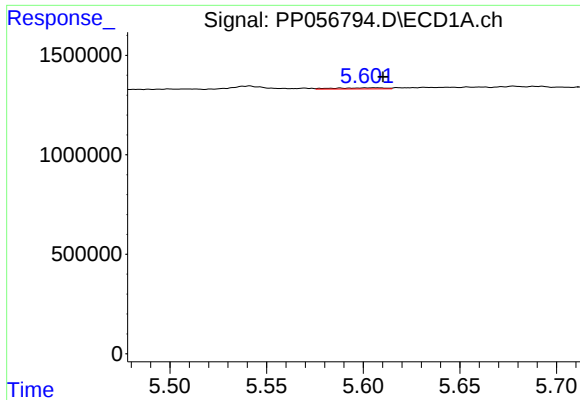
#20 AR-1242-5

R.T.: 6.538 min
Delta R.T.: 0.000 min
Response: 87126
Conc: 2.62 ng/ml



#20 AR-1242-5

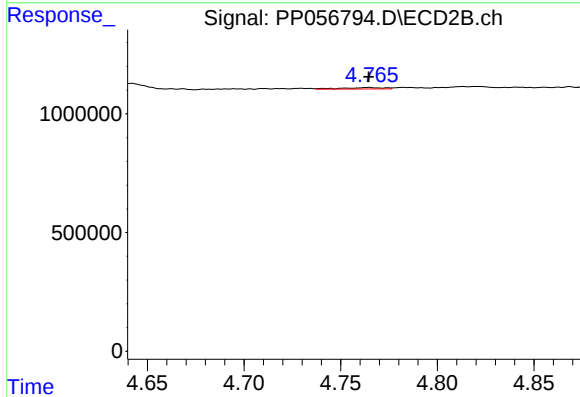
R.T.: 5.599 min
Delta R.T.: 0.021 min
Response: 356740
Conc: 8.95 ng/ml



#21 AR-1248-1

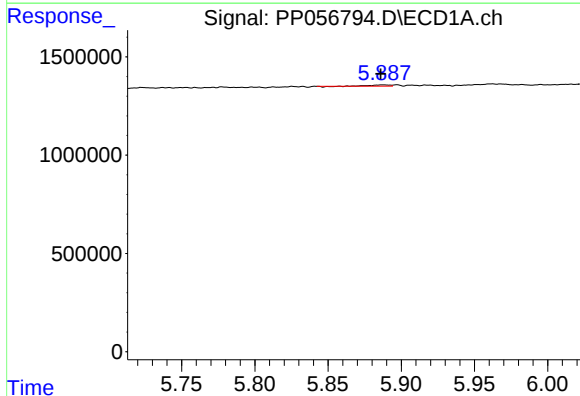
R.T.: 5.607 min
Delta R.T.: -0.004 min
Response: 100680
Conc: 2.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



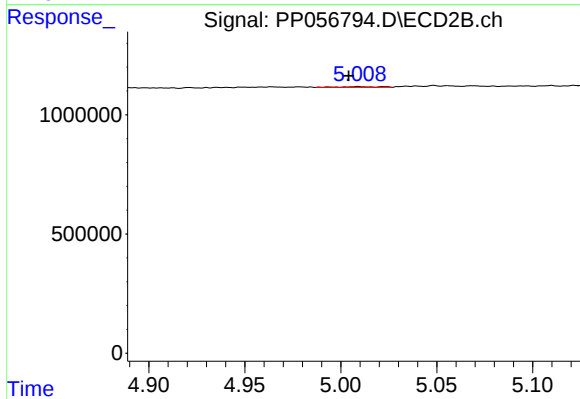
#21 AR-1248-1

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 88613
Conc: 2.69 ng/ml



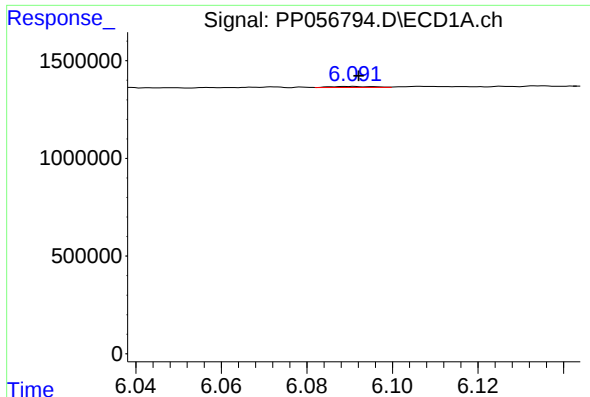
#22 AR-1248-2

R.T.: 5.888 min
Delta R.T.: 0.002 min
Response: 46446
Conc: 0.79 ng/ml



#22 AR-1248-2

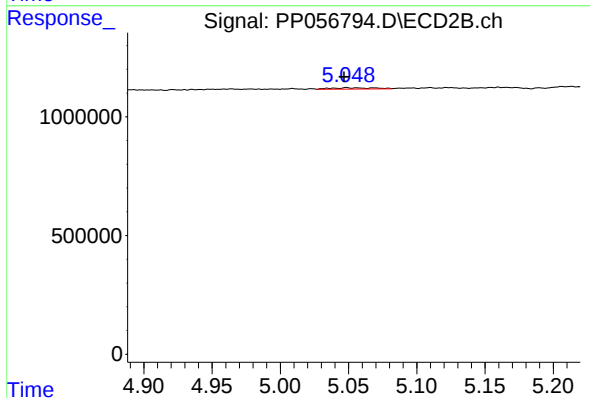
R.T.: 5.009 min
Delta R.T.: 0.005 min
Response: 43637
Conc: 0.85 ng/ml



#23 AR-1248-3

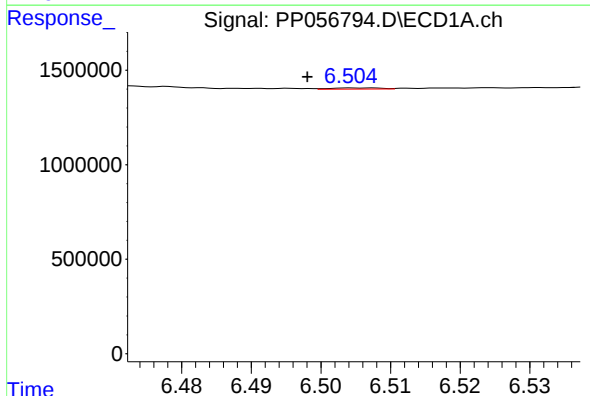
R.T.: 6.090 min
Delta R.T.: -0.002 min
Response: 35584
Conc: 0.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



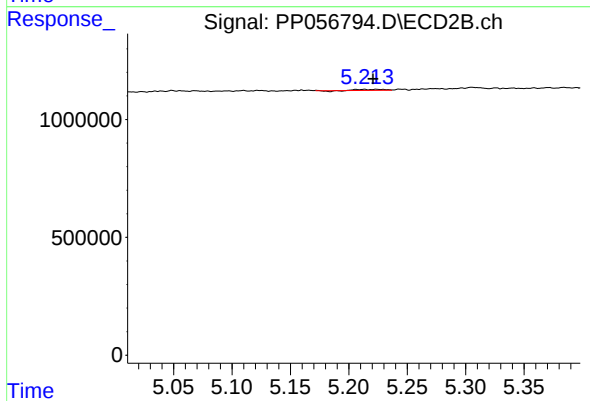
#23 AR-1248-3

R.T.: 5.050 min
Delta R.T.: 0.003 min
Response: 121243
Conc: 2.26 ng/ml



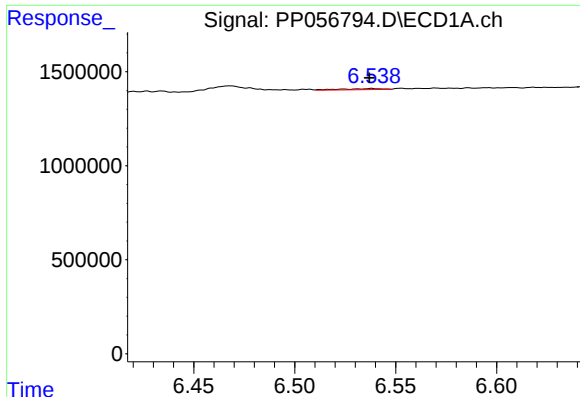
#24 AR-1248-4

R.T.: 6.506 min
Delta R.T.: 0.008 min
Response: 32273
Conc: 0.56 ng/ml



#24 AR-1248-4

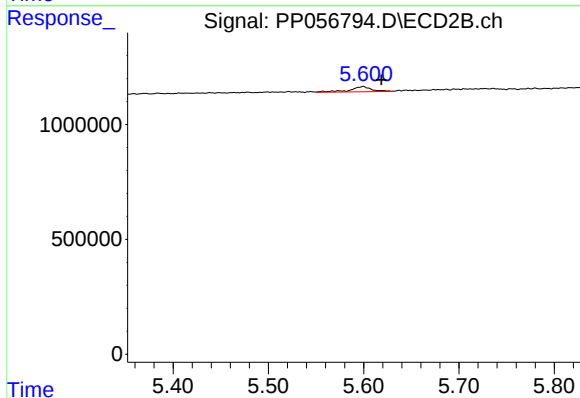
R.T.: 5.213 min
Delta R.T.: -0.008 min
Response: 65117
Conc: 1.05 ng/ml



#25 AR-1248-5

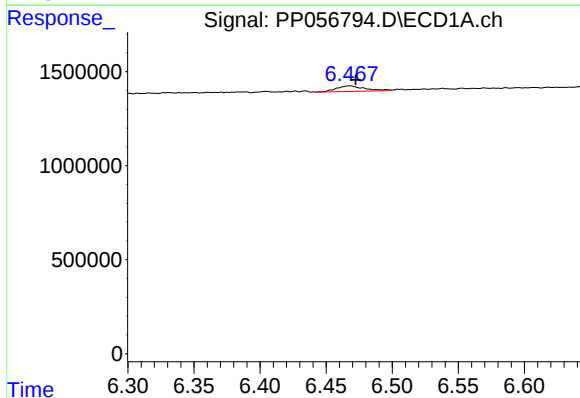
R.T.: 6.538 min
Delta R.T.: 0.001 min
Response: 87126
Conc: 1.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



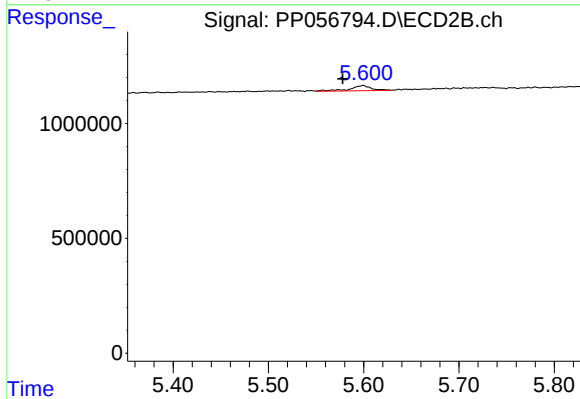
#25 AR-1248-5

R.T.: 5.599 min
Delta R.T.: -0.020 min
Response: 356740
Conc: 6.95 ng/ml



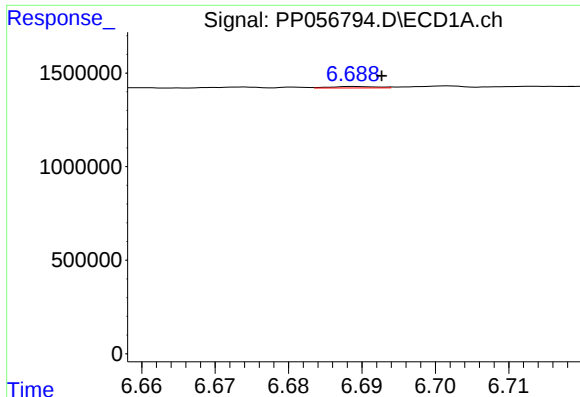
#26 AR-1254-1

R.T.: 6.468 min
Delta R.T.: -0.005 min
Response: 440016
Conc: 6.21 ng/ml



#26 AR-1254-1

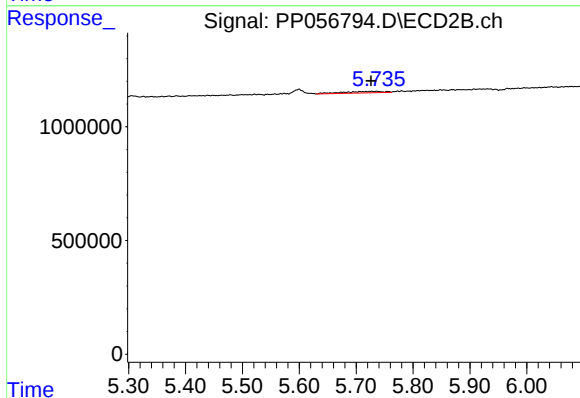
R.T.: 5.599 min
Delta R.T.: 0.021 min
Response: 356740
Conc: 3.87 ng/ml



#27 AR-1254-2

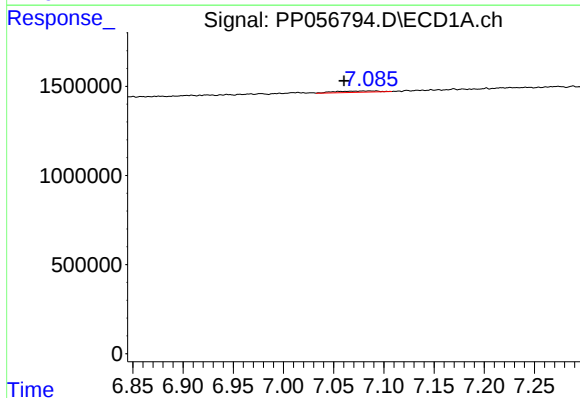
R.T.: 6.689 min
Delta R.T.: -0.004 min
Response: 34192
Conc: 0.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



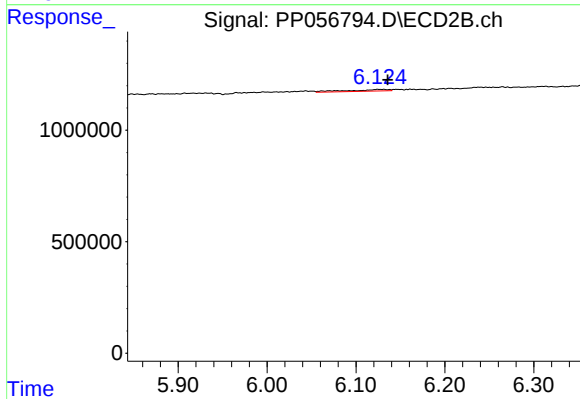
#27 AR-1254-2

R.T.: 5.736 min
Delta R.T.: 0.009 min
Response: 357353
Conc: 4.45 ng/ml



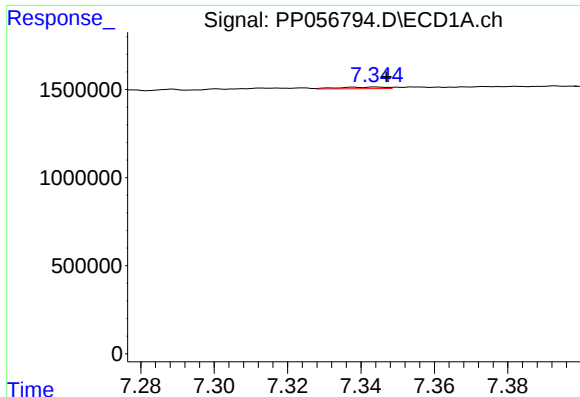
#28 AR-1254-3

R.T.: 7.086 min
Delta R.T.: 0.025 min
Response: 222403
Conc: 2.29 ng/ml



#28 AR-1254-3

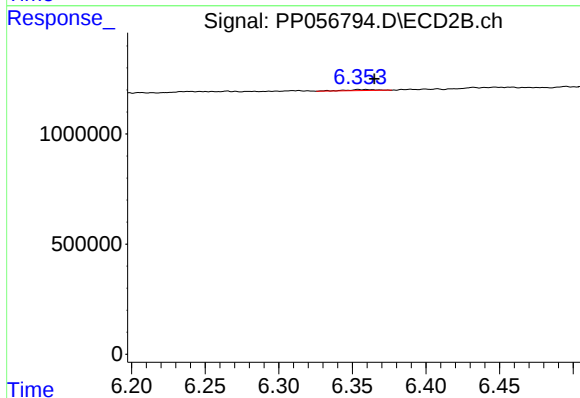
R.T.: 6.127 min
Delta R.T.: -0.008 min
Response: 227785
Conc: 1.84 ng/ml



#29 AR-1254-4

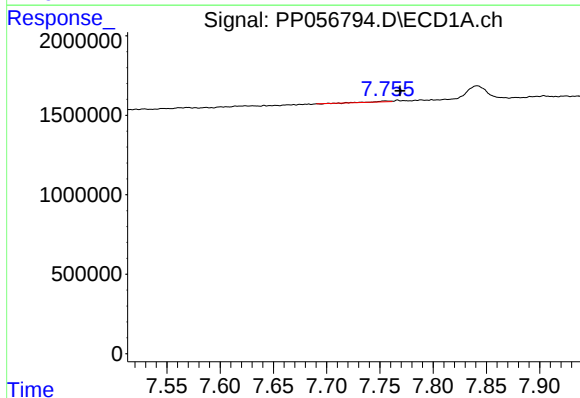
R.T.: 7.344 min
Delta R.T.: -0.003 min
Response: 85668
Conc: 1.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



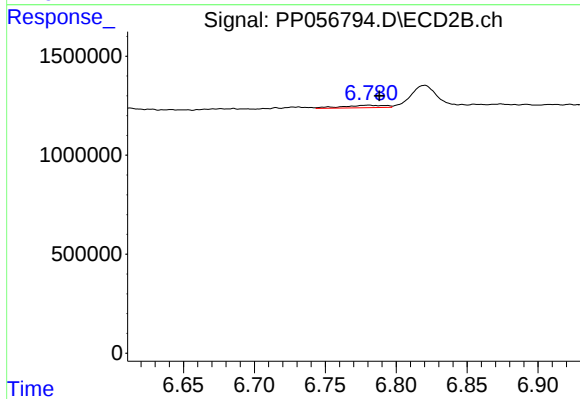
#29 AR-1254-4

R.T.: 6.358 min
Delta R.T.: -0.007 min
Response: 70998
Conc: 1.12 ng/ml



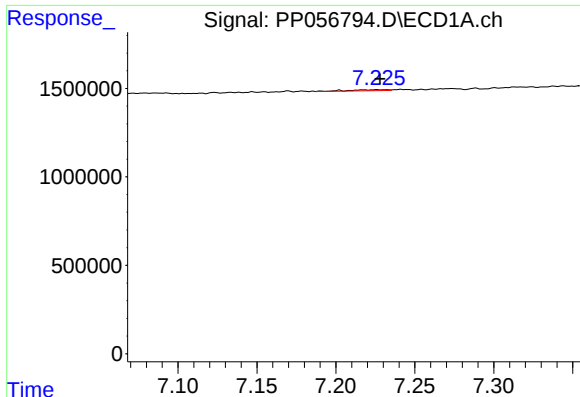
#30 AR-1254-5

R.T.: 7.755 min
Delta R.T.: -0.014 min
Response: 51257
Conc: 0.75 ng/ml



#30 AR-1254-5

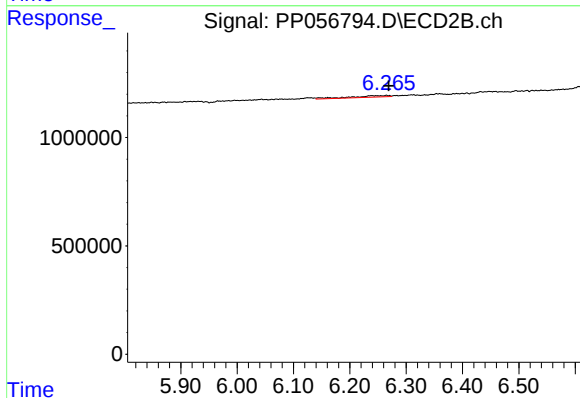
R.T.: 6.780 min
Delta R.T.: -0.008 min
Response: 267602
Conc: 2.55 ng/ml



#31 AR-1260-1

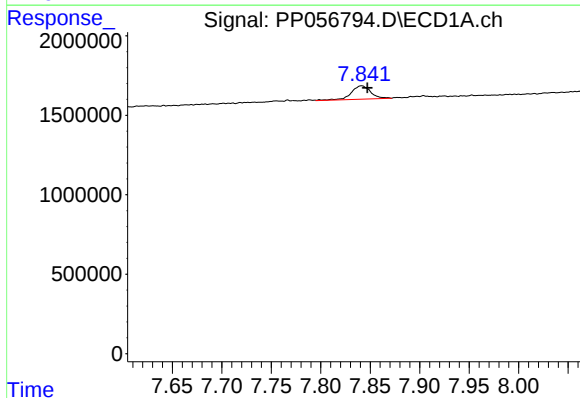
R.T.: 7.226 min
Delta R.T.: -0.002 min
Response: 97483
Conc: 1.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



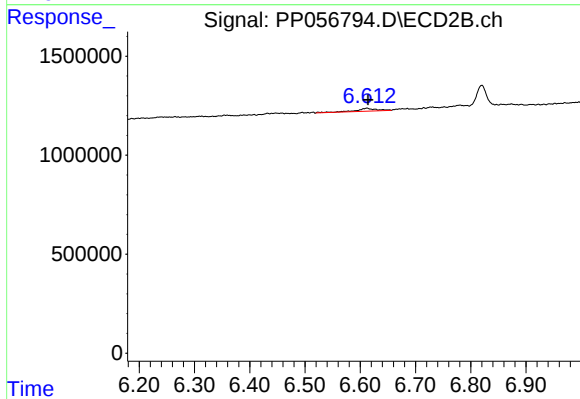
#31 AR-1260-1

R.T.: 6.265 min
Delta R.T.: -0.004 min
Response: 303241
Conc: 3.17 ng/ml



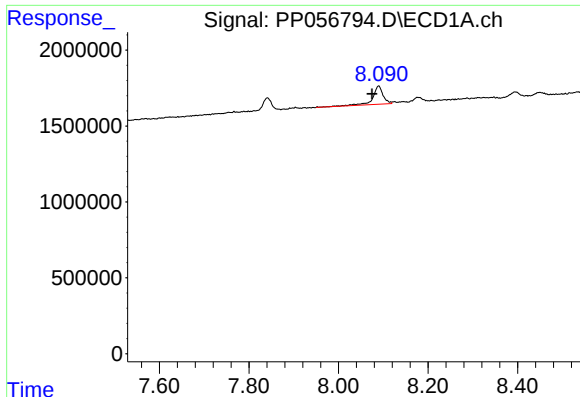
#33 AR-1260-3

R.T.: 7.841 min
Delta R.T.: -0.006 min
Response: 1138123
Conc: 16.30 ng/ml



#33 AR-1260-3

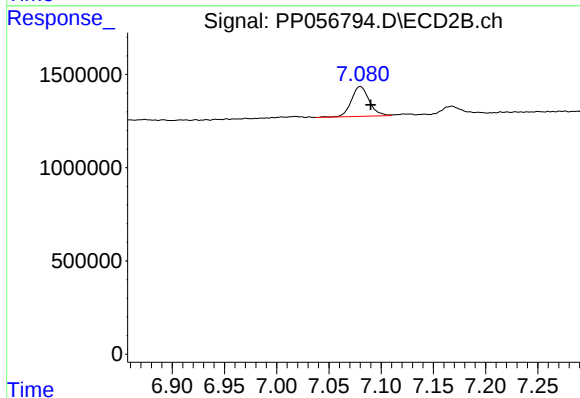
R.T.: 6.612 min
Delta R.T.: -0.002 min
Response: 371628
Conc: 3.58 ng/ml



#34 AR-1260-4

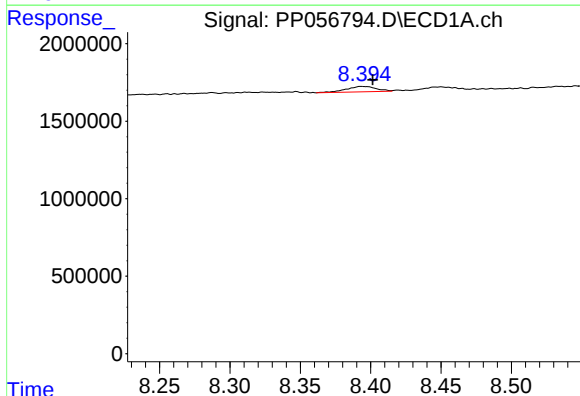
R.T.: 8.090 min
Delta R.T.: 0.015 min
Response: 1968597
Conc: 25.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



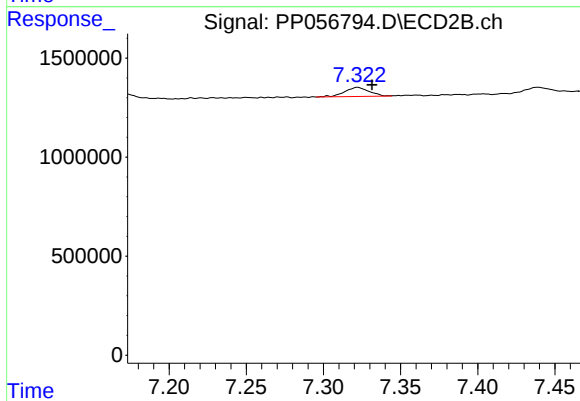
#34 AR-1260-4

R.T.: 7.080 min
Delta R.T.: -0.010 min
Response: 1898382
Conc: 22.23 ng/ml



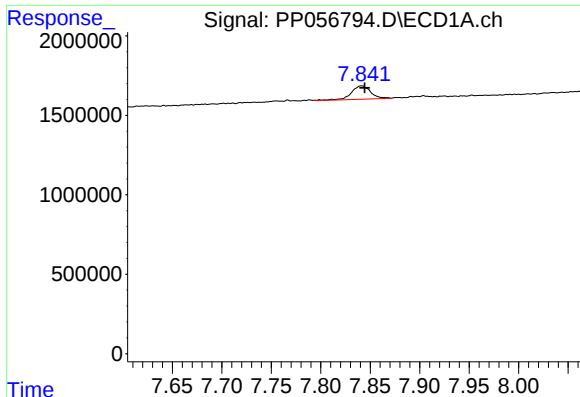
#35 AR-1260-5

R.T.: 8.394 min
Delta R.T.: -0.007 min
Response: 513931
Conc: 4.06 ng/ml



#35 AR-1260-5

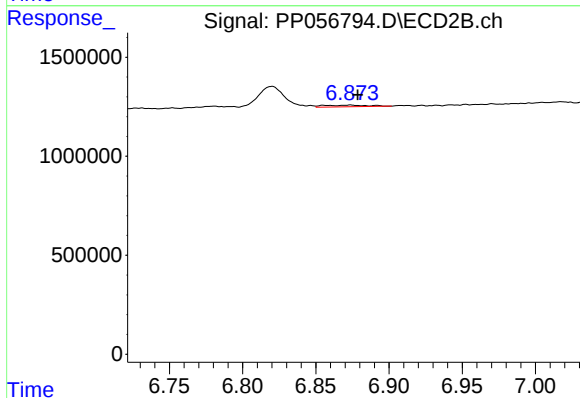
R.T.: 7.322 min
Delta R.T.: -0.009 min
Response: 503405
Conc: 3.18 ng/ml



#36 AR-1262-1

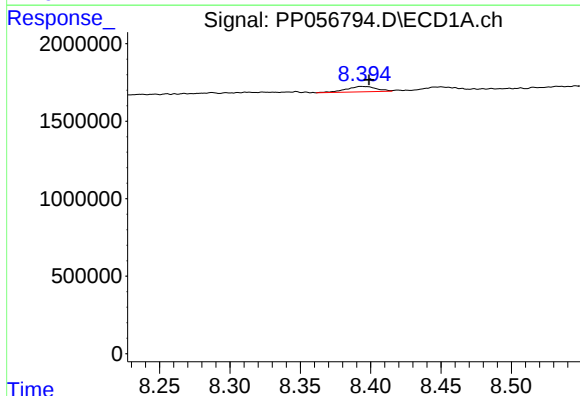
R.T.: 7.841 min
Delta R.T.: -0.003 min
Response: 1138123
Conc: 12.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



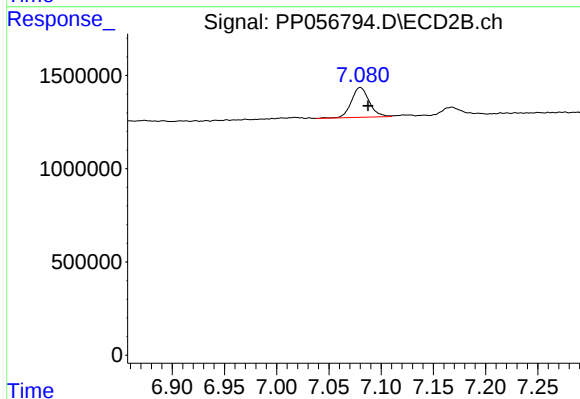
#36 AR-1262-1

R.T.: 6.873 min
Delta R.T.: -0.005 min
Response: 171063
Conc: 3.66 ng/ml



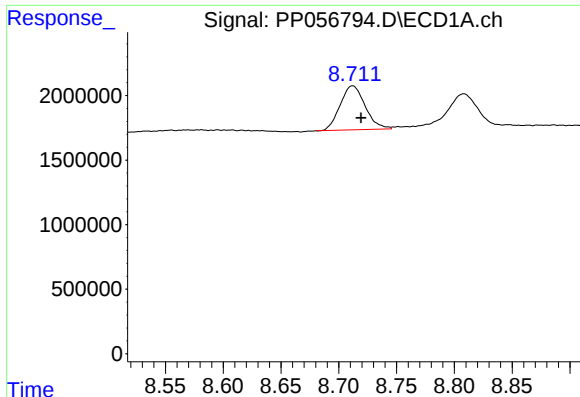
#37 AR-1262-2

R.T.: 8.394 min
Delta R.T.: -0.005 min
Response: 513931
Conc: 3.97 ng/ml



#37 AR-1262-2

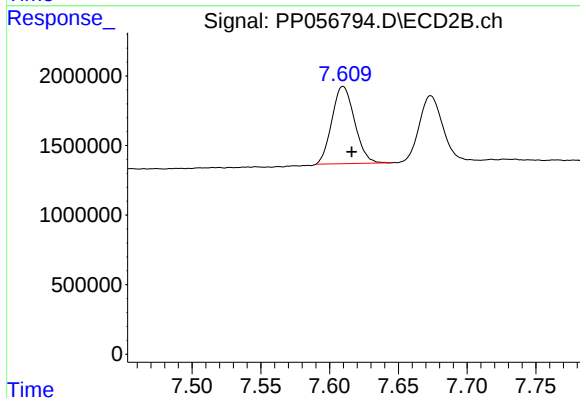
R.T.: 7.080 min
Delta R.T.: -0.007 min
Response: 1898382
Conc: 19.41 ng/ml



#38 AR-1262-3

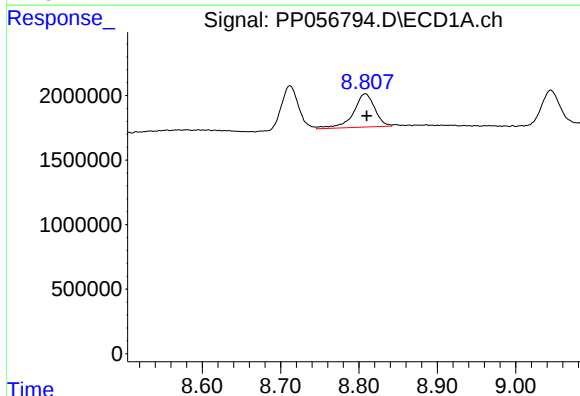
R.T.: 8.712 min
Delta R.T.: -0.007 min
Response: 5133053
Conc: 55.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



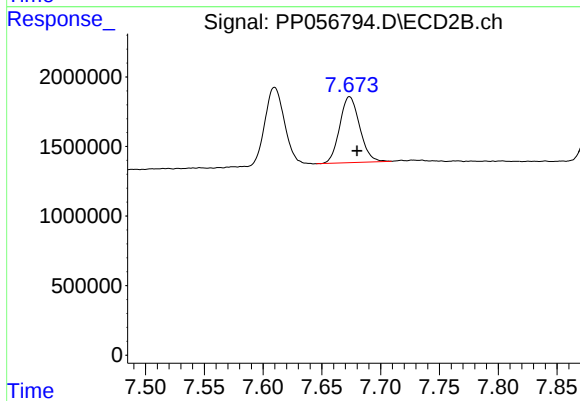
#38 AR-1262-3

R.T.: 7.610 min
Delta R.T.: -0.006 min
Response: 6374920
Conc: 95.99 ng/ml



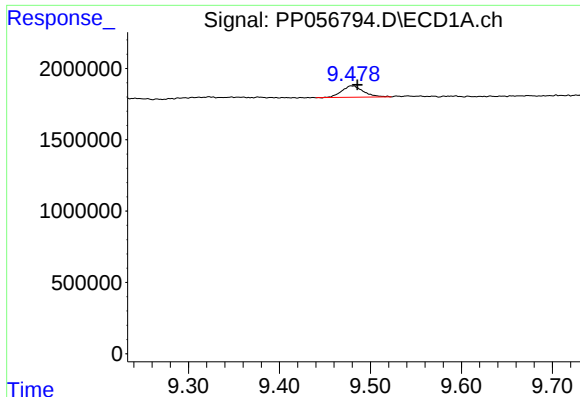
#39 AR-1262-4

R.T.: 8.808 min
Delta R.T.: -0.002 min
Response: 4896656
Conc: 107.84 ng/ml



#39 AR-1262-4

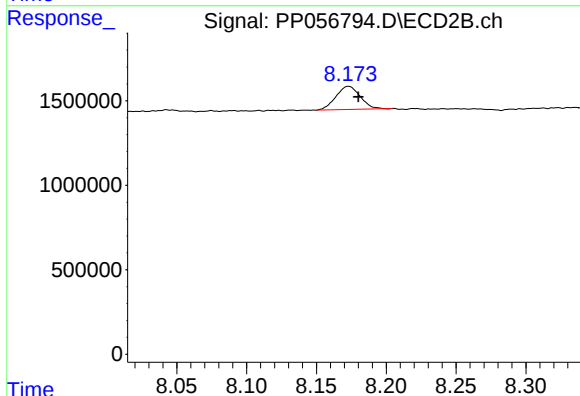
R.T.: 7.674 min
Delta R.T.: -0.006 min
Response: 5589537
Conc: 47.42 ng/ml



#40 AR-1262-5

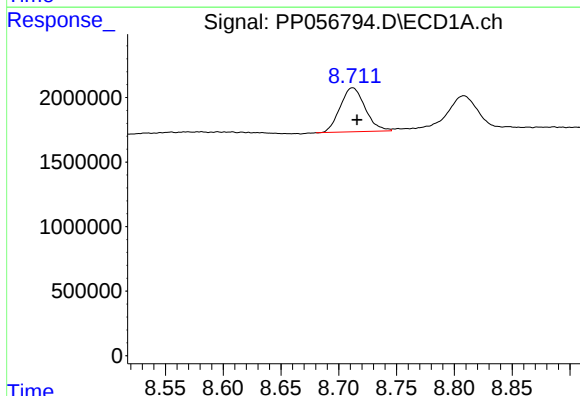
R.T.: 9.480 min
Delta R.T.: -0.006 min
Response: 1320192
Conc: 32.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



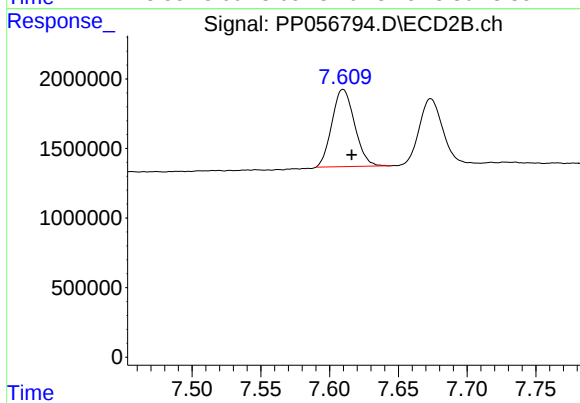
#40 AR-1262-5

R.T.: 8.173 min
Delta R.T.: -0.007 min
Response: 1653041
Conc: 33.92 ng/ml



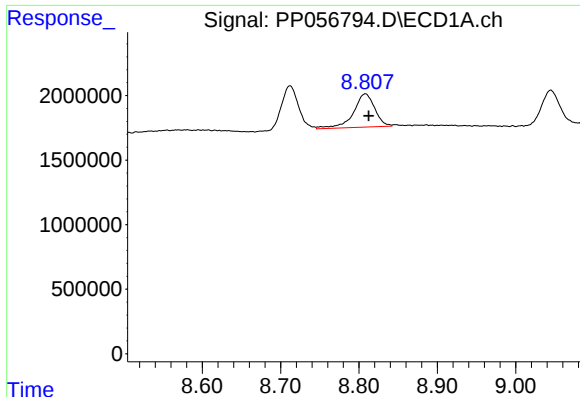
#41 AR-1268-1

R.T.: 8.712 min
Delta R.T.: -0.004 min
Response: 5133053
Conc: 27.56 ng/ml



#41 AR-1268-1

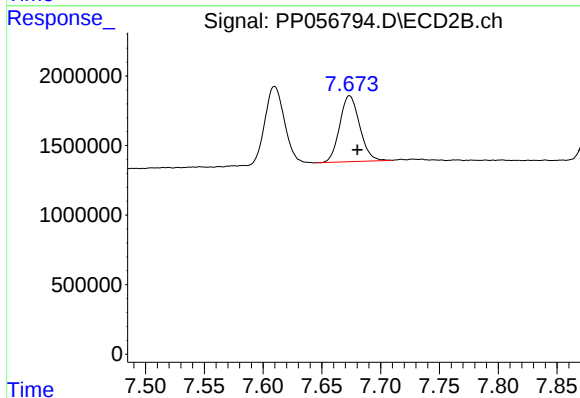
R.T.: 7.610 min
Delta R.T.: -0.006 min
Response: 6374920
Conc: 28.76 ng/ml



#42 AR-1268-2

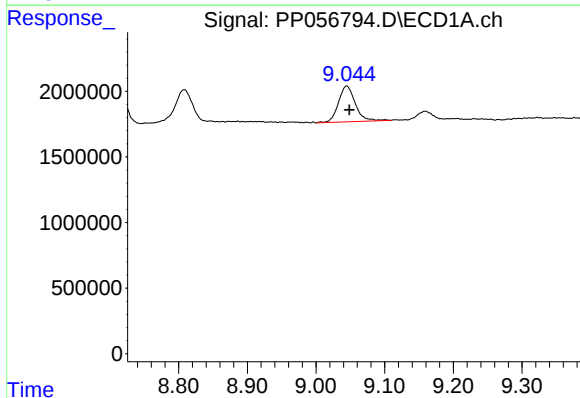
R.T.: 8.808 min
Delta R.T.: -0.004 min
Response: 4896656
Conc: 29.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



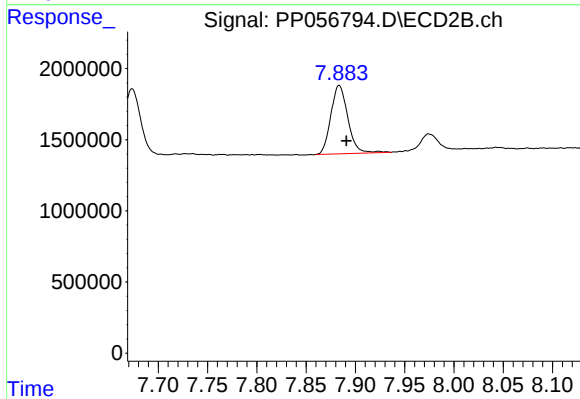
#42 AR-1268-2

R.T.: 7.674 min
Delta R.T.: -0.007 min
Response: 5589537
Conc: 28.78 ng/ml



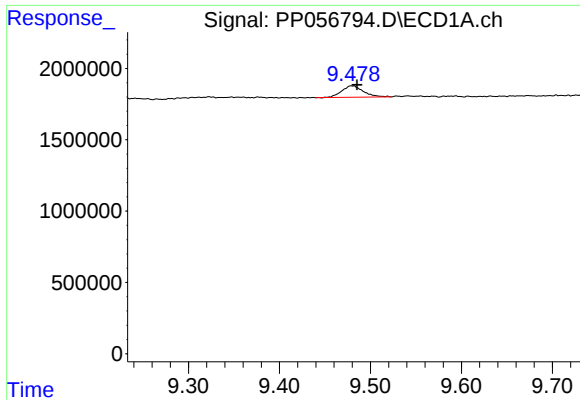
#43 AR-1268-3

R.T.: 9.045 min
Delta R.T.: -0.004 min
Response: 4688480
Conc: 29.46 ng/ml



#43 AR-1268-3

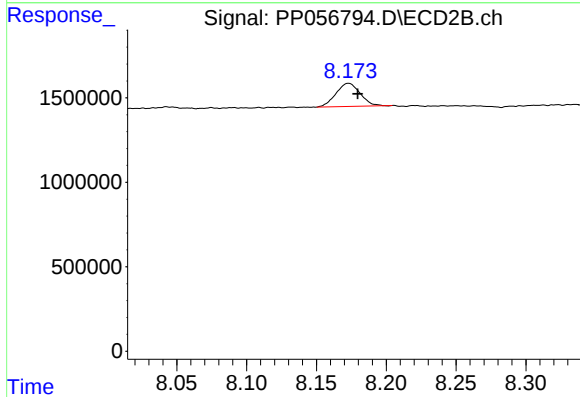
R.T.: 7.884 min
Delta R.T.: -0.007 min
Response: 5770288
Conc: 29.11 ng/ml



#44 AR-1268-4

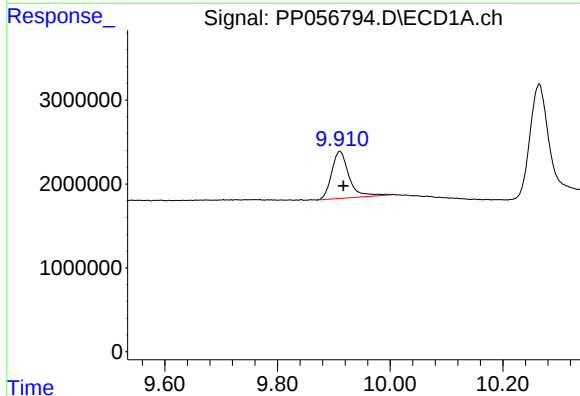
R.T.: 9.480 min
Delta R.T.: -0.006 min
Response: 1320192
Conc: 28.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



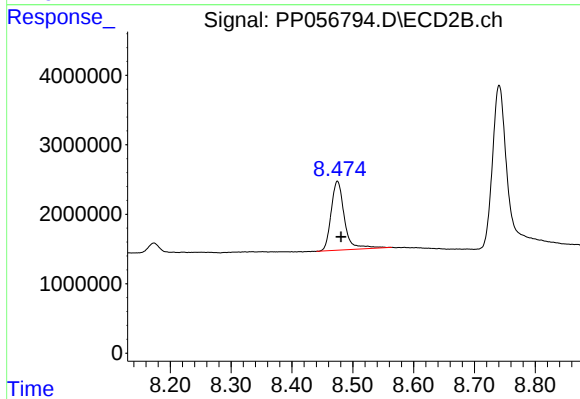
#44 AR-1268-4

R.T.: 8.173 min
Delta R.T.: -0.007 min
Response: 1653041
Conc: 28.58 ng/ml



#45 AR-1268-5

R.T.: 9.911 min
Delta R.T.: -0.006 min
Response: 11981368
Conc: 27.90 ng/ml



#45 AR-1268-5

R.T.: 8.475 min
Delta R.T.: -0.006 min
Response: 15179759
Conc: 29.89 ng/ml