

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031323\
 Data File : PP056456.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Mar 2023 20:24
 Operator : YP\AJ
 Sample : 01876-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 13 21:55:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP030823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 08 02:03:40 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...	4.316	3.557	32830705	29071383	21.144	20.602
2)	SA Decachlor...	10.059	8.555	41583402	24509062	20.934	21.925
Target Compounds							
3)	L1 AR-1016-1	5.495	4.651	53880	365932	0.931	8.686 #
4)	L1 AR-1016-2	5.514	4.651	288382	365932	3.366	6.038 #
5)	L1 AR-1016-3	5.569	4.833	444556	42920	8.151	1.326 #
6)	L1 AR-1016-4	5.672	4.886	131590	109510	3.031	3.902 #
7)	L1 AR-1016-5	5.966	5.072f	62197	168351	1.357	4.706 #
8)	L2 AR-1221-1	4.523	3.771	3463631	335947	172.909	19.317 #
9)	L2 AR-1221-2	4.623	3.837f	497595	3873447	32.749	299.754 #
10)	L2 AR-1221-3	4.690	3.927	45015	406842	0.968	10.029 #
11)	L3 AR-1232-1	4.690	3.927	45015	406842	1.161	12.363 #
12)	L3 AR-1232-2	0.000	4.651	0	365932	N.D.	13.198 #
13)	L3 AR-1232-3	5.514	4.833	288382	42920	7.403	3.030 #
14)	L3 AR-1232-4	5.672	4.924	131590	172780	6.729	12.165 #
15)	L3 AR-1232-5	5.763	5.072f	170729	168351	10.778	10.977
16)	L4 AR-1242-1	5.495	4.651	53880	365932	1.106	10.348 #
17)	L4 AR-1242-2	5.514	4.651	288382	365932	4.042	7.202 #
18)	L4 AR-1242-3	5.569	4.833	444556	42920	9.765	1.591 #
19)	L4 AR-1242-4	5.672	4.924	131590	172780	3.682	5.897 #
20)	L4 AR-1242-5	6.407	5.437	263806	408443	6.171	12.660 #
21)	L5 AR-1248-1	5.495	4.651	53880	365932	1.513	14.094 #
22)	L5 AR-1248-2	5.763	4.886	170729	109510	3.058	2.815
23)	L5 AR-1248-3	5.966	4.924	62197	172780	1.022	4.237 #
24)	L5 AR-1248-4	6.379	5.072f	362978	168351	5.255	3.595 #
25)	L5 AR-1248-5	6.407	5.479	263806	95501	3.883	2.313 #
26)	L6 AR-1254-1	6.348	5.437	328603	408443	4.353	5.691 #
27)	L6 AR-1254-2	6.564	5.589	1459227	602049	12.576	9.873
28)	L6 AR-1254-3	6.931	5.989	2726161	2356705	22.232	25.457
29)	L6 AR-1254-4	7.217	6.219	3097251	3061787	34.107	56.797 #
30)	L6 AR-1254-5	7.638	6.635	10670089	7697673	103.210	98.494
31)	L7 AR-1260-1	7.096	6.118	1463760	1607298	14.853	23.577 #
32)	L7 AR-1260-2	7.352	6.307	3956524	2150047	34.110	28.106
33)	L7 AR-1260-3	7.720	6.453f	117754	791302	1.376	10.943 #
34)	L7 AR-1260-4	7.932	6.937	3633040	631739	36.747	10.535 #
35)	L7 AR-1260-5	8.256	7.174	1174386	2342458	5.876	18.332 #
36)	L8 AR-1262-1	7.720	0.000	117754	0	0.987	N.D. #
37)	L8 AR-1262-2	8.256	6.937	1174386	631739	5.381	8.862 #
38)	L8 AR-1262-3	8.578	7.462	2534696	407320	16.590	7.480 #
39)	L8 AR-1262-4	8.654	7.524	325703	2590512	4.052	26.794 #
40)	L8 AR-1262-5	9.311	8.024	21007	393789	0.254	8.764 #
41)	L9 AR-1268-1	8.578	7.462	2534696	407320	9.197	2.414 #

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 Acq On : 13 Mar 2023 20:24
 Operator : YP\AJ
 Sample : 01876-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

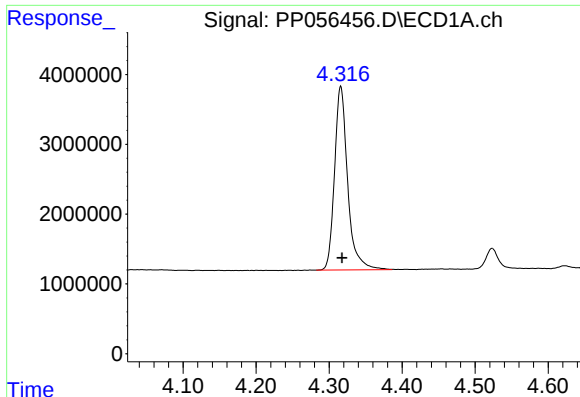
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 13 21:55:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP030823.M
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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	8.663	7.524	297957	2590512	1.155	17.323 #
43) L9	AR-1268-3	8.892	7.734	585323	211396	2.553	1.556 #
44) L9	AR-1268-4	9.311	8.024	21007	393789	0.225	7.716 #
45) L9	AR-1268-5	9.724	8.307	1620472	863662	2.233	2.220

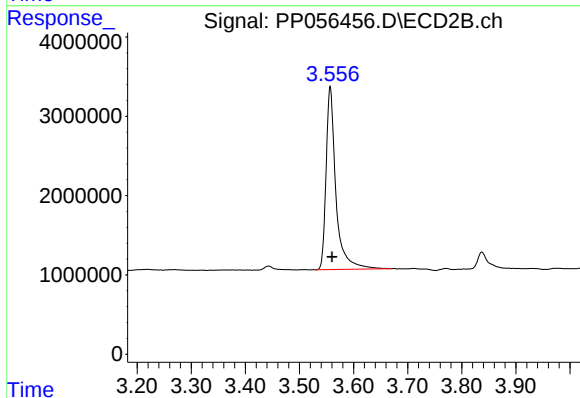
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

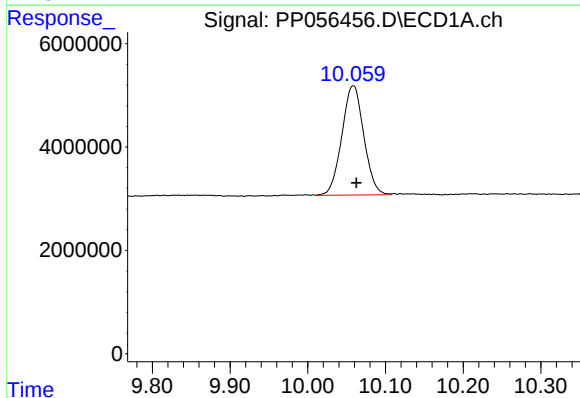
R.T.: 4.316 min
Delta R.T.: -0.002 min
Response: 32830705
Conc: 21.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



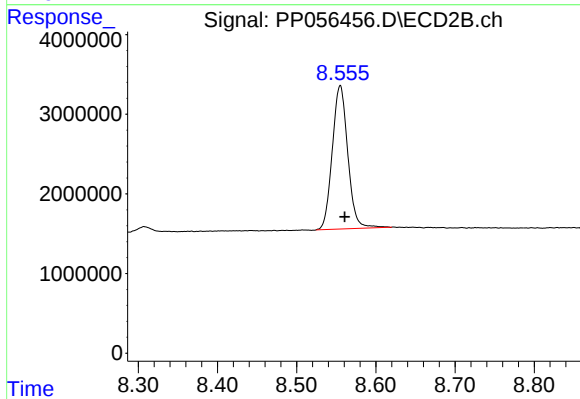
#1 Tetrachloro-m-xylene

R.T.: 3.557 min
Delta R.T.: -0.003 min
Response: 29071383
Conc: 20.60 ng/ml



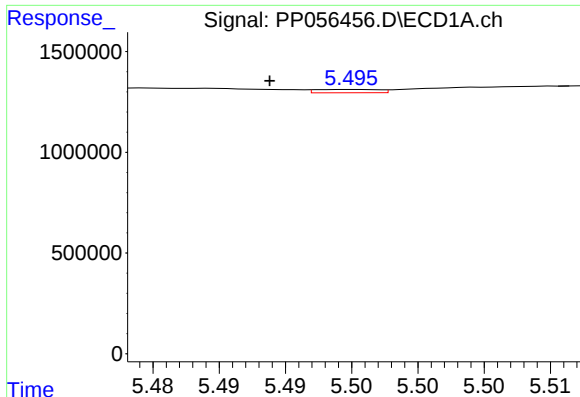
#2 Decachlorobiphenyl

R.T.: 10.059 min
Delta R.T.: -0.004 min
Response: 41583402
Conc: 20.93 ng/ml



#2 Decachlorobiphenyl

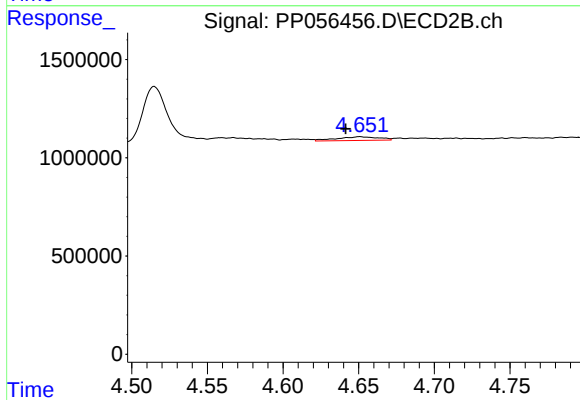
R.T.: 8.555 min
Delta R.T.: -0.005 min
Response: 24509062
Conc: 21.92 ng/ml



#3 AR-1016-1

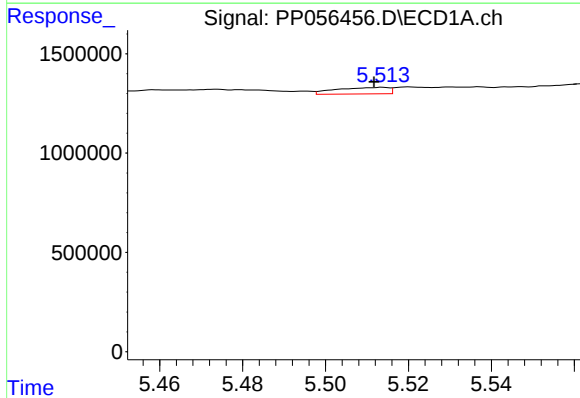
R.T.: 5.495 min
Delta R.T.: 0.006 min
Response: 53880
Conc: 0.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



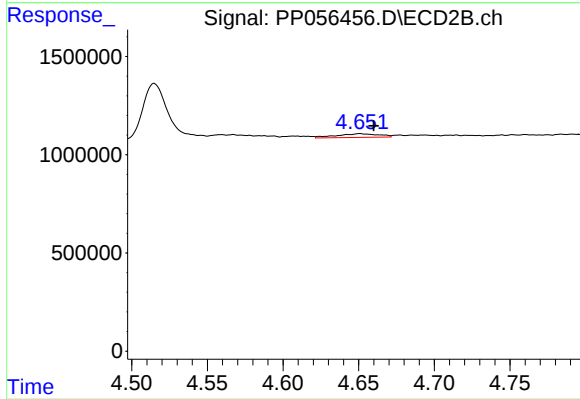
#3 AR-1016-1

R.T.: 4.651 min
Delta R.T.: 0.009 min
Response: 365932
Conc: 8.69 ng/ml



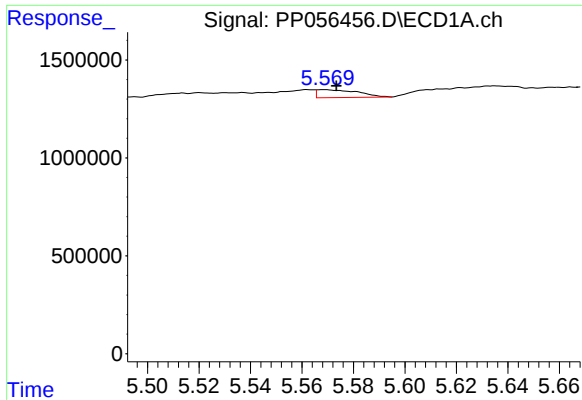
#4 AR-1016-2

R.T.: 5.514 min
Delta R.T.: 0.002 min
Response: 288382
Conc: 3.37 ng/ml



#4 AR-1016-2

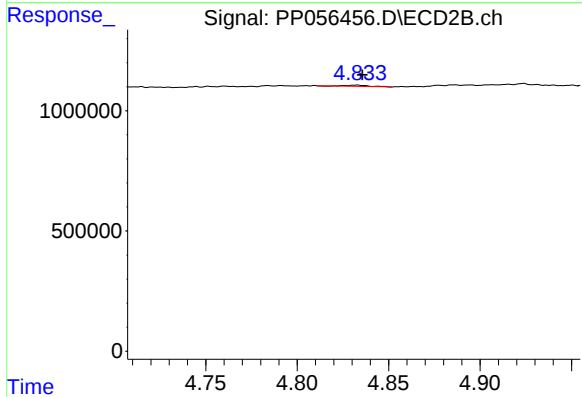
R.T.: 4.651 min
Delta R.T.: -0.009 min
Response: 365932
Conc: 6.04 ng/ml



#5 AR-1016-3

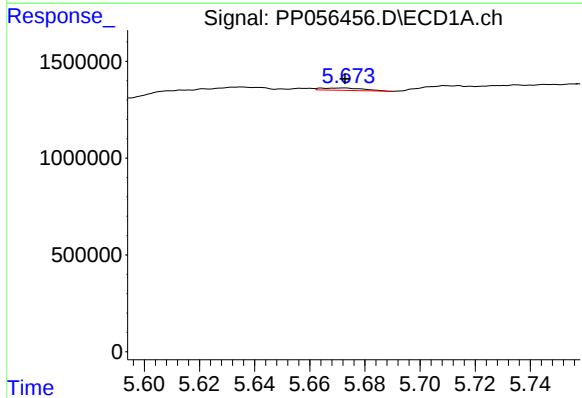
R.T.: 5.569 min
Delta R.T.: -0.004 min
Response: 444556
Conc: 8.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



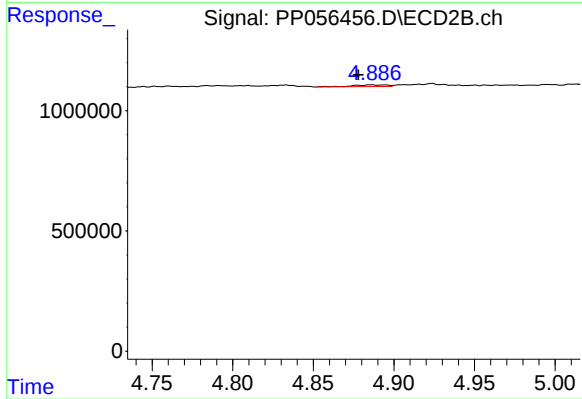
#5 AR-1016-3

R.T.: 4.833 min
Delta R.T.: -0.003 min
Response: 42920
Conc: 1.33 ng/ml



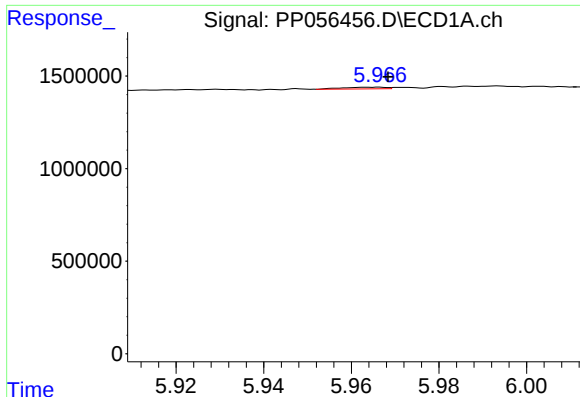
#6 AR-1016-4

R.T.: 5.672 min
Delta R.T.: 0.000 min
Response: 131590
Conc: 3.03 ng/ml



#6 AR-1016-4

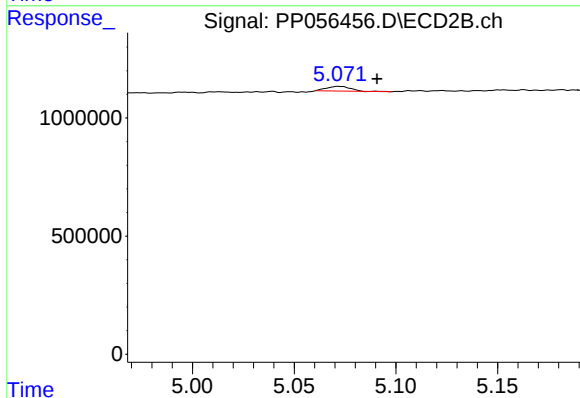
R.T.: 4.886 min
Delta R.T.: 0.008 min
Response: 109510
Conc: 3.90 ng/ml



#7 AR-1016-5

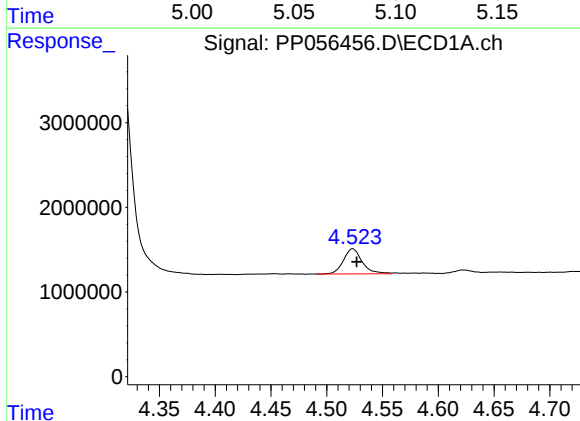
R.T.: 5.966 min
Delta R.T.: -0.002 min
Response: 62197
Conc: 1.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



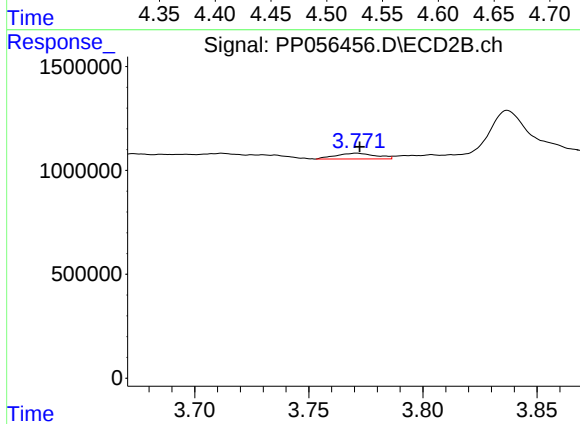
#7 AR-1016-5

R.T.: 5.072 min
Delta R.T.: -0.019 min
Response: 168351
Conc: 4.71 ng/ml



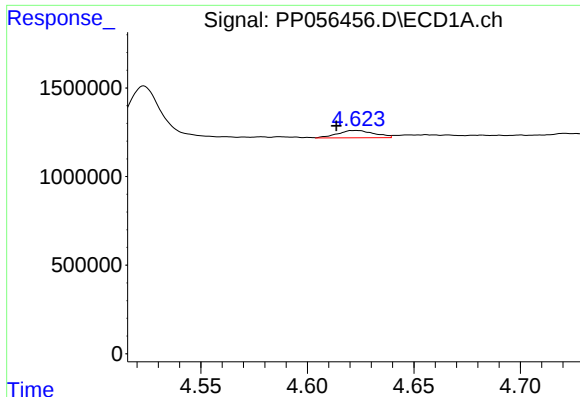
#8 AR-1221-1

R.T.: 4.523 min
Delta R.T.: -0.004 min
Response: 3463631
Conc: 172.91 ng/ml



#8 AR-1221-1

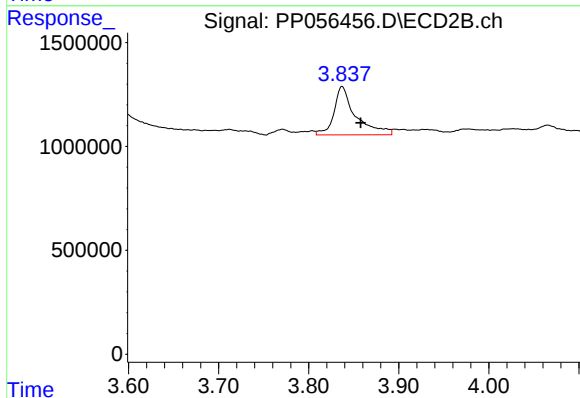
R.T.: 3.771 min
Delta R.T.: -0.001 min
Response: 335947
Conc: 19.32 ng/ml



#9 AR-1221-2

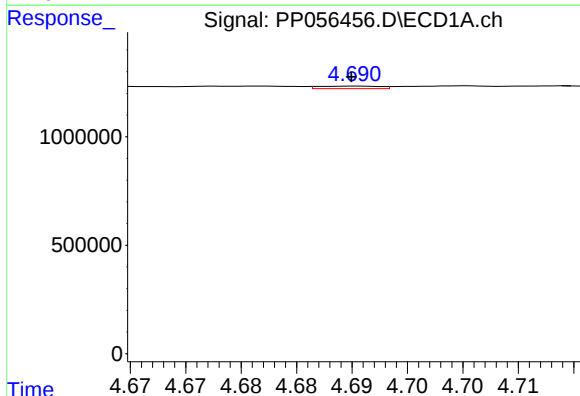
R.T.: 4.623 min
Delta R.T.: 0.010 min
Response: 497595
Conc: 32.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



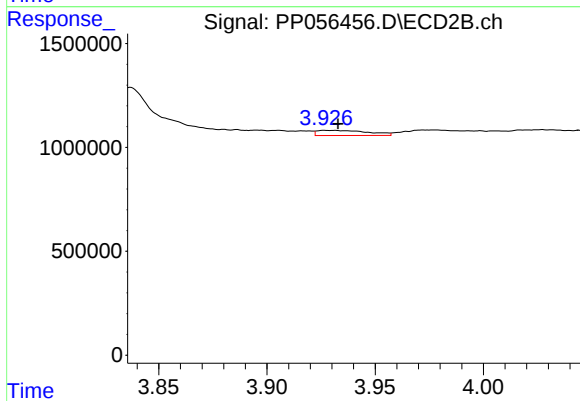
#9 AR-1221-2

R.T.: 3.837 min
Delta R.T.: -0.021 min
Response: 3873447
Conc: 299.75 ng/ml



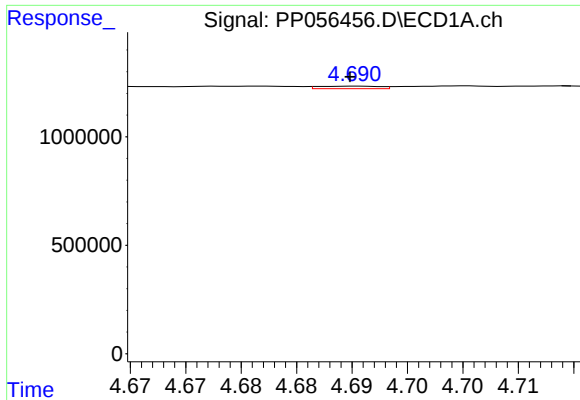
#10 AR-1221-3

R.T.: 4.690 min
Delta R.T.: 0.000 min
Response: 45015
Conc: 0.97 ng/ml



#10 AR-1221-3

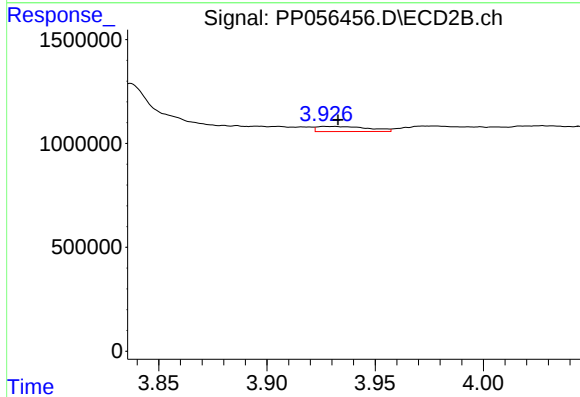
R.T.: 3.927 min
Delta R.T.: -0.006 min
Response: 406842
Conc: 10.03 ng/ml



#11 AR-1232-1

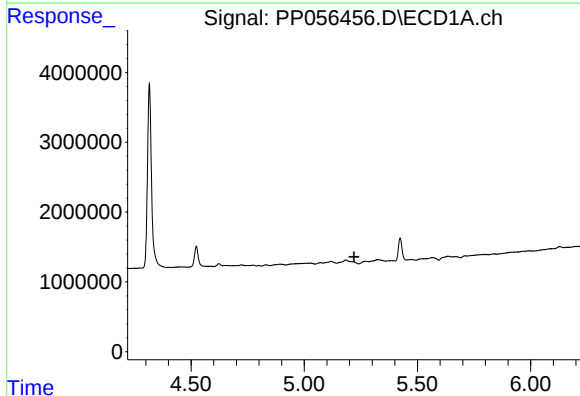
R.T.: 4.690 min
Delta R.T.: 0.000 min
Response: 45015
Conc: 1.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



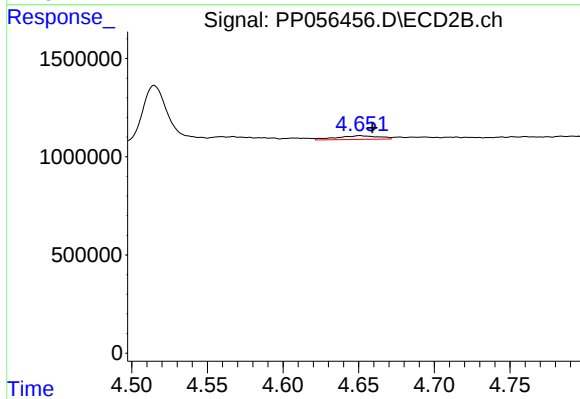
#11 AR-1232-1

R.T.: 3.927 min
Delta R.T.: -0.006 min
Response: 406842
Conc: 12.36 ng/ml



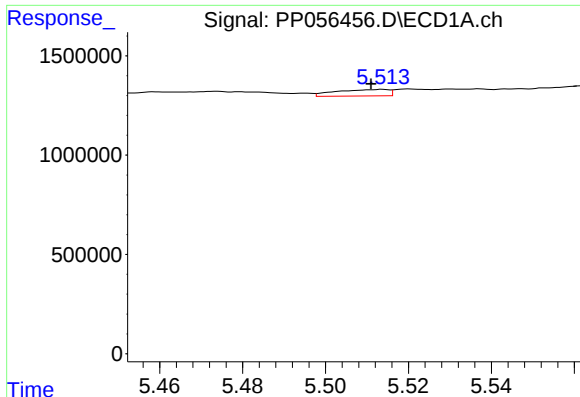
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.220 min
Response: 0
Conc: N.D.



#12 AR-1232-2

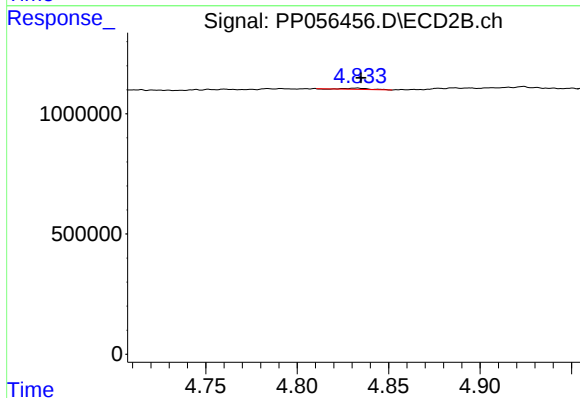
R.T.: 4.651 min
Delta R.T.: -0.008 min
Response: 365932
Conc: 13.20 ng/ml



#13 AR-1232-3

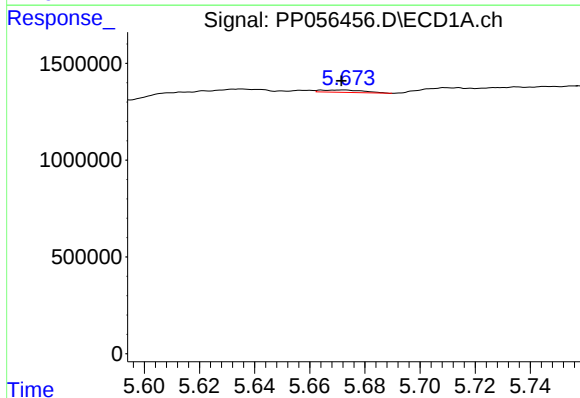
R.T.: 5.514 min
Delta R.T.: 0.003 min
Response: 288382
Conc: 7.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



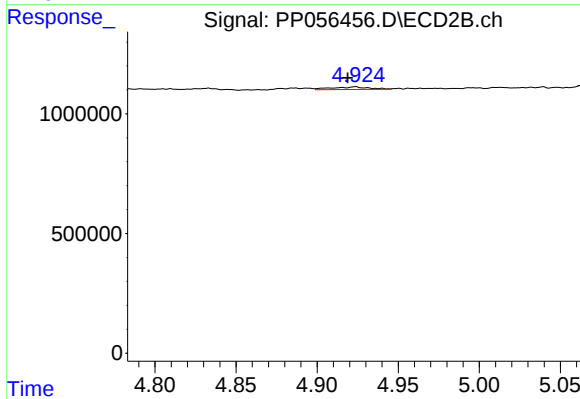
#13 AR-1232-3

R.T.: 4.833 min
Delta R.T.: -0.002 min
Response: 42920
Conc: 3.03 ng/ml



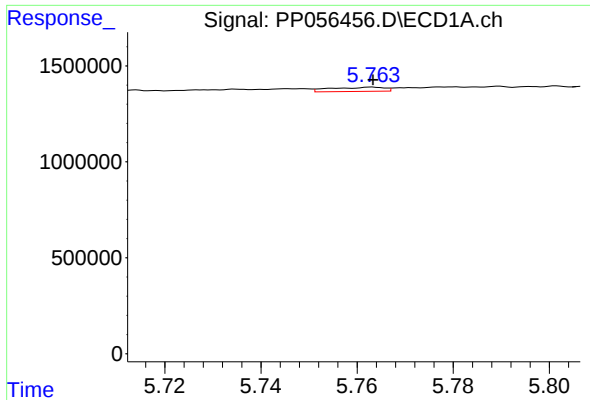
#14 AR-1232-4

R.T.: 5.672 min
Delta R.T.: 0.000 min
Response: 131590
Conc: 6.73 ng/ml



#14 AR-1232-4

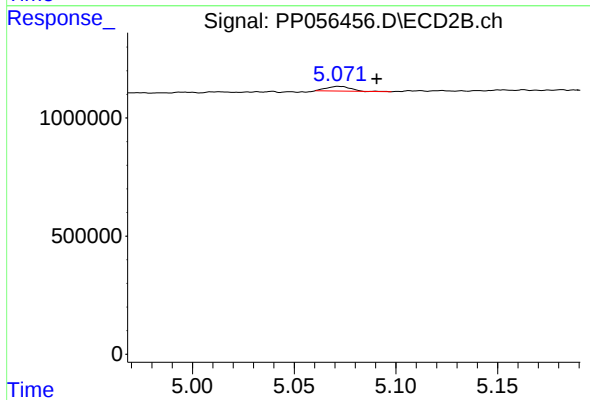
R.T.: 4.924 min
Delta R.T.: 0.005 min
Response: 172780
Conc: 12.17 ng/ml



#15 AR-1232-5

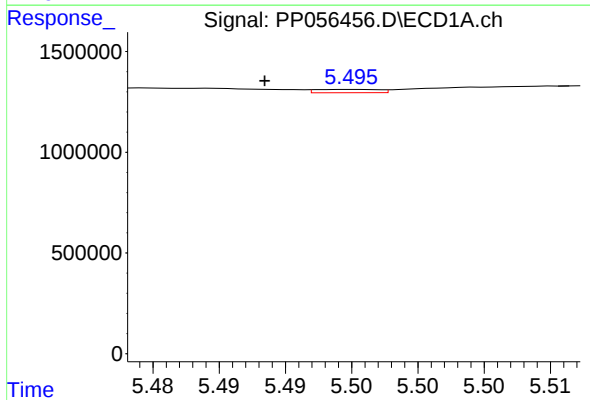
R.T.: 5.763 min
Delta R.T.: 0.000 min
Response: 170729
Conc: 10.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



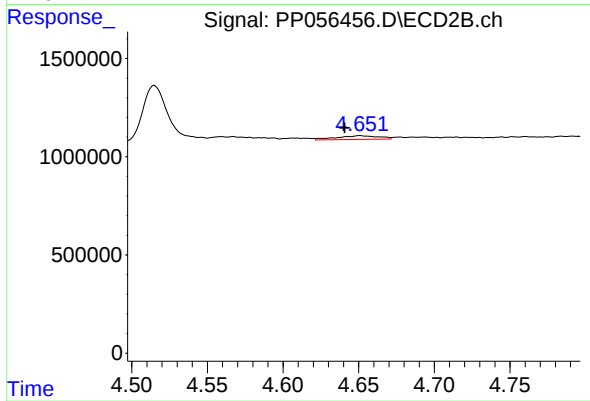
#15 AR-1232-5

R.T.: 5.072 min
Delta R.T.: -0.018 min
Response: 168351
Conc: 10.98 ng/ml



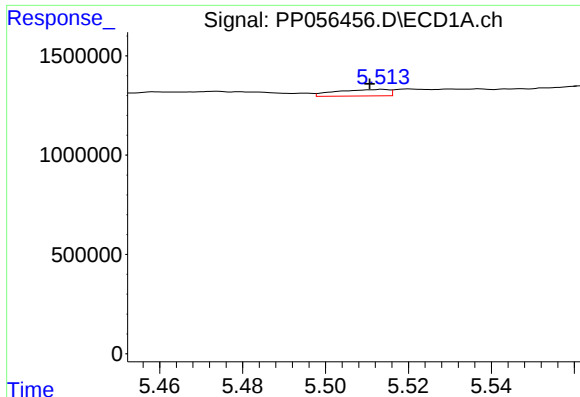
#16 AR-1242-1

R.T.: 5.495 min
Delta R.T.: 0.007 min
Response: 53880
Conc: 1.11 ng/ml



#16 AR-1242-1

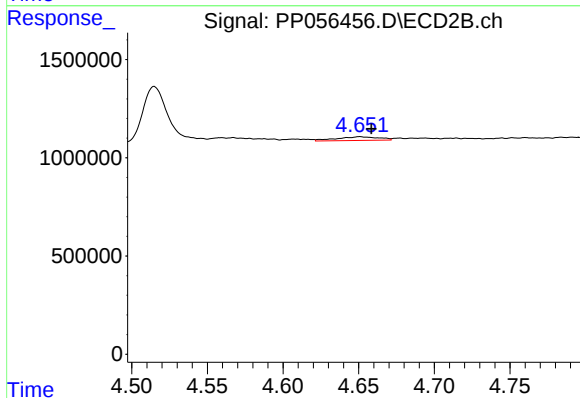
R.T.: 4.651 min
Delta R.T.: 0.010 min
Response: 365932
Conc: 10.35 ng/ml



#17 AR-1242-2

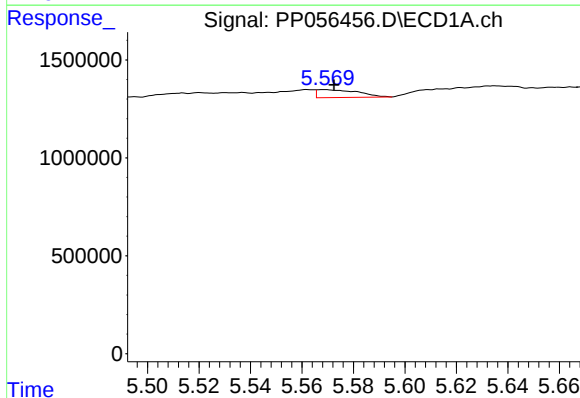
R.T.: 5.514 min
Delta R.T.: 0.003 min
Response: 288382
Conc: 4.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



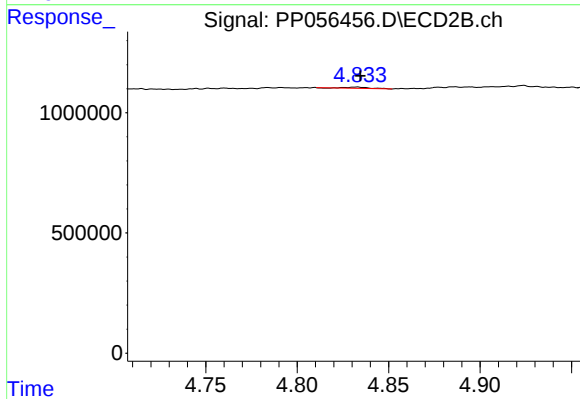
#17 AR-1242-2

R.T.: 4.651 min
Delta R.T.: -0.008 min
Response: 365932
Conc: 7.20 ng/ml



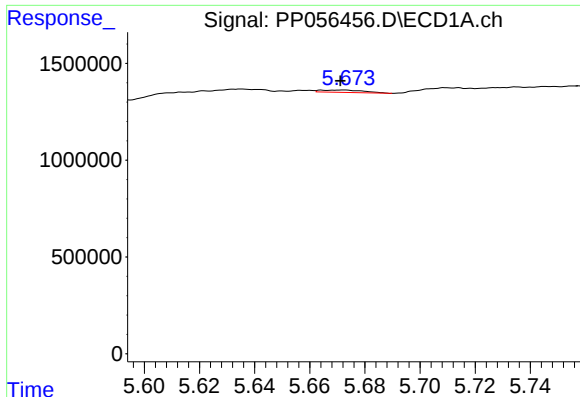
#18 AR-1242-3

R.T.: 5.569 min
Delta R.T.: -0.003 min
Response: 444556
Conc: 9.77 ng/ml



#18 AR-1242-3

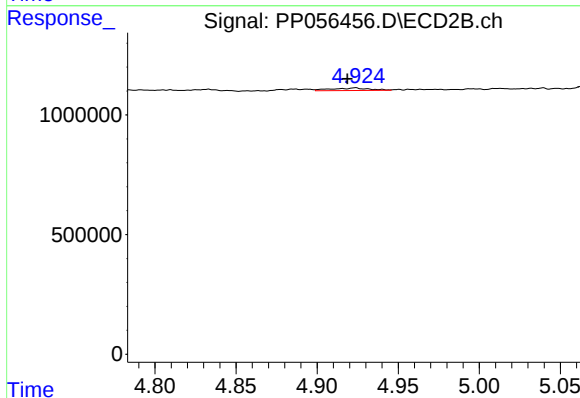
R.T.: 4.833 min
Delta R.T.: -0.002 min
Response: 42920
Conc: 1.59 ng/ml



#19 AR-1242-4

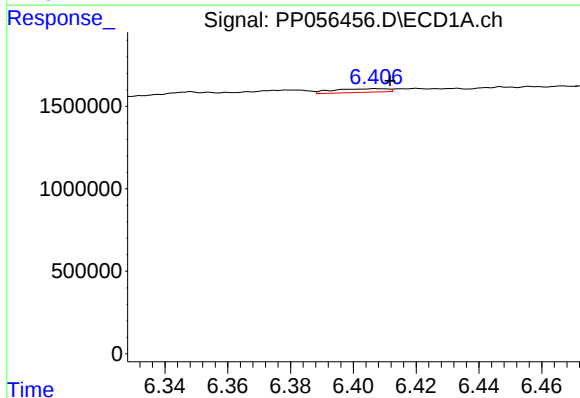
R.T.: 5.672 min
Delta R.T.: 0.001 min
Response: 131590
Conc: 3.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



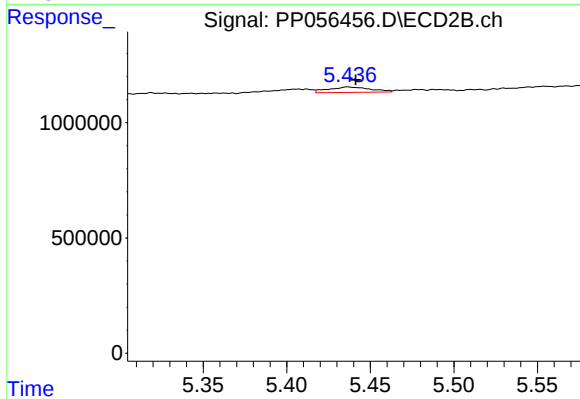
#19 AR-1242-4

R.T.: 4.924 min
Delta R.T.: 0.005 min
Response: 172780
Conc: 5.90 ng/ml



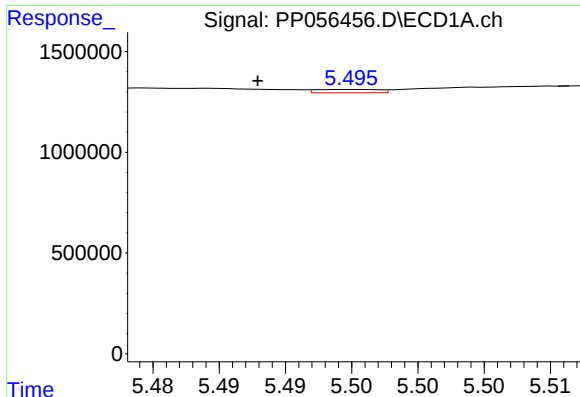
#20 AR-1242-5

R.T.: 6.407 min
Delta R.T.: -0.005 min
Response: 263806
Conc: 6.17 ng/ml



#20 AR-1242-5

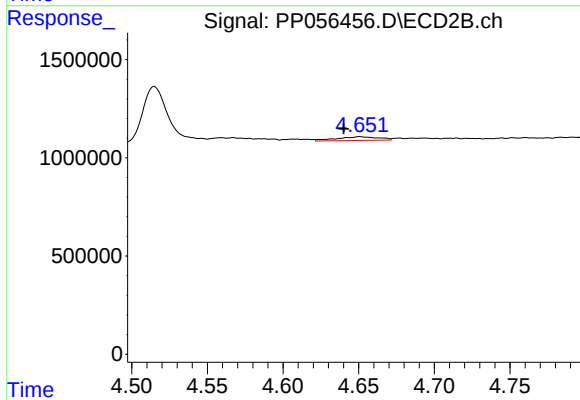
R.T.: 5.437 min
Delta R.T.: -0.005 min
Response: 408443
Conc: 12.66 ng/ml



#21 AR-1248-1

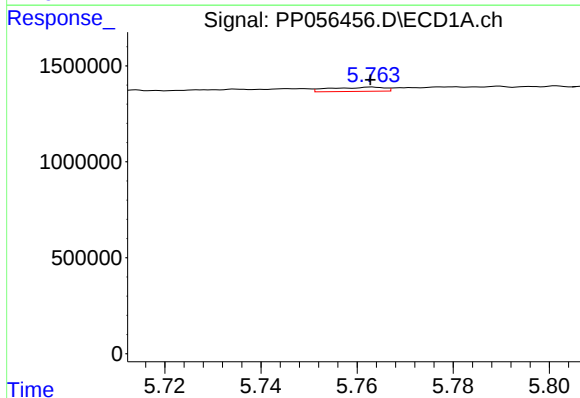
R.T.: 5.495 min
Delta R.T.: 0.007 min
Response: 53880
Conc: 1.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



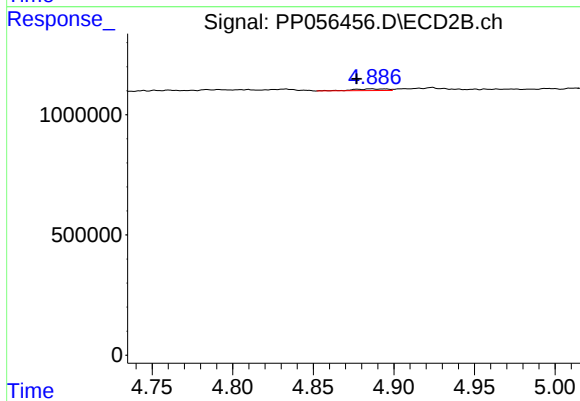
#21 AR-1248-1

R.T.: 4.651 min
Delta R.T.: 0.011 min
Response: 365932
Conc: 14.09 ng/ml



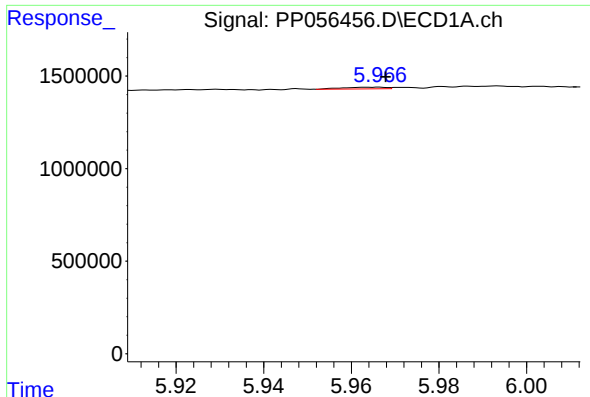
#22 AR-1248-2

R.T.: 5.763 min
Delta R.T.: 0.000 min
Response: 170729
Conc: 3.06 ng/ml



#22 AR-1248-2

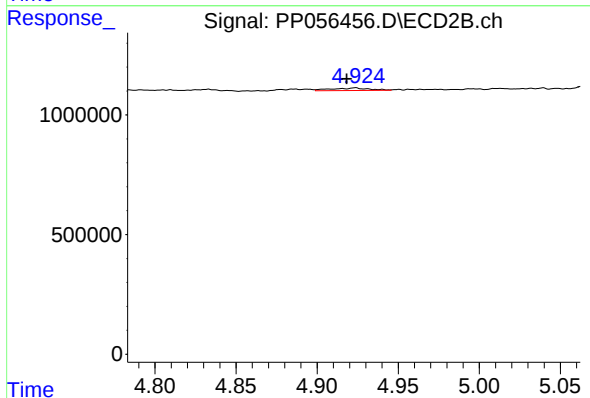
R.T.: 4.886 min
Delta R.T.: 0.009 min
Response: 109510
Conc: 2.82 ng/ml



#23 AR-1248-3

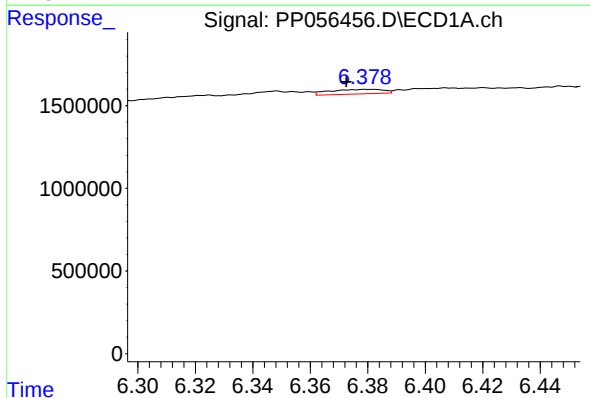
R.T.: 5.966 min
Delta R.T.: -0.002 min
Response: 62197
Conc: 1.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



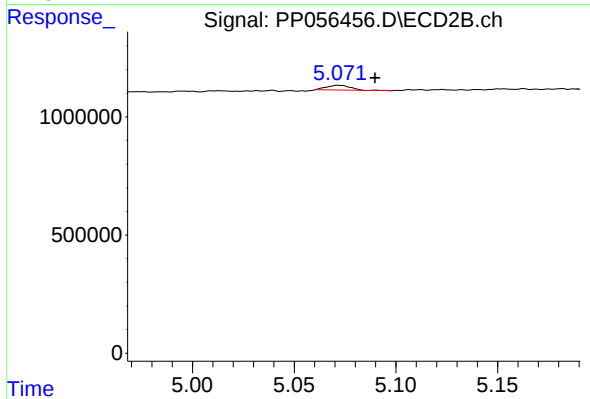
#23 AR-1248-3

R.T.: 4.924 min
Delta R.T.: 0.005 min
Response: 172780
Conc: 4.24 ng/ml



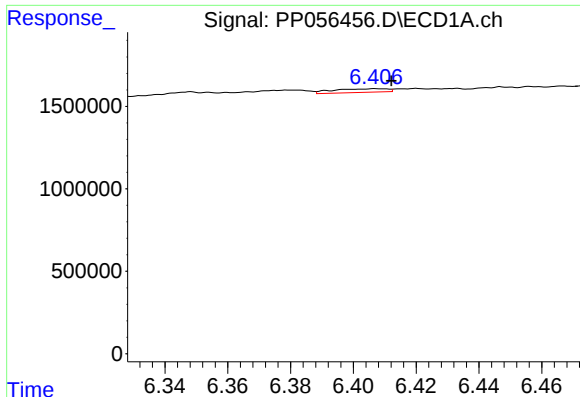
#24 AR-1248-4

R.T.: 6.379 min
Delta R.T.: 0.006 min
Response: 362978
Conc: 5.25 ng/ml



#24 AR-1248-4

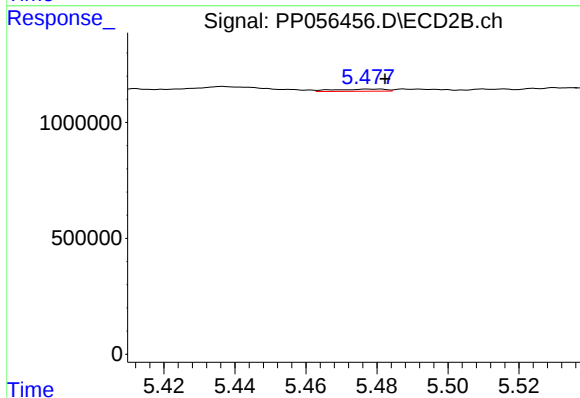
R.T.: 5.072 min
Delta R.T.: -0.018 min
Response: 168351
Conc: 3.59 ng/ml



#25 AR-1248-5

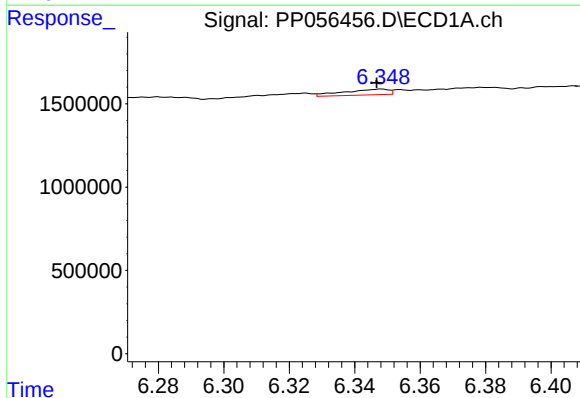
R.T.: 6.407 min
Delta R.T.: -0.005 min
Response: 263806
Conc: 3.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



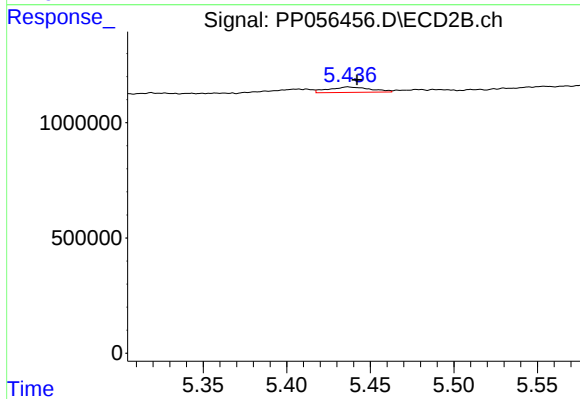
#25 AR-1248-5

R.T.: 5.479 min
Delta R.T.: -0.003 min
Response: 95501
Conc: 2.31 ng/ml



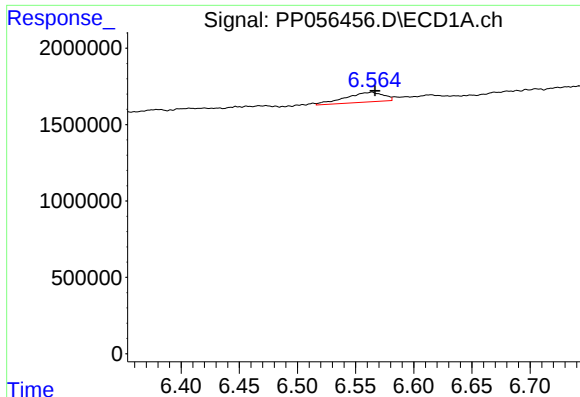
#26 AR-1254-1

R.T.: 6.348 min
Delta R.T.: 0.002 min
Response: 328603
Conc: 4.35 ng/ml



#26 AR-1254-1

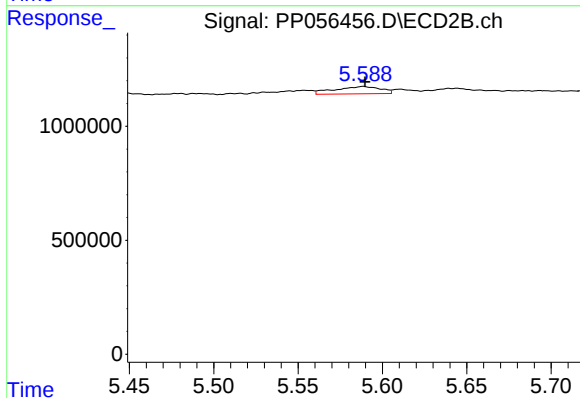
R.T.: 5.437 min
Delta R.T.: -0.005 min
Response: 408443
Conc: 5.69 ng/ml



#27 AR-1254-2

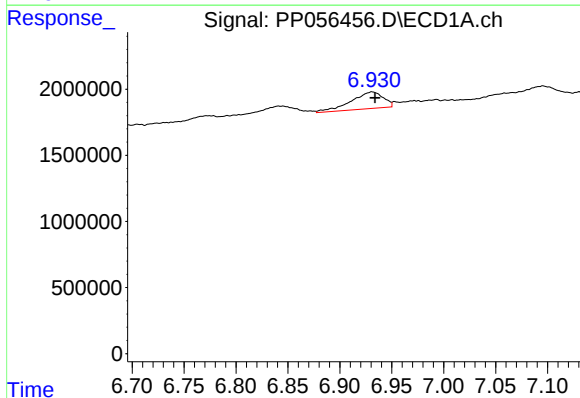
R.T.: 6.564 min
Delta R.T.: -0.003 min
Response: 1459227
Conc: 12.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



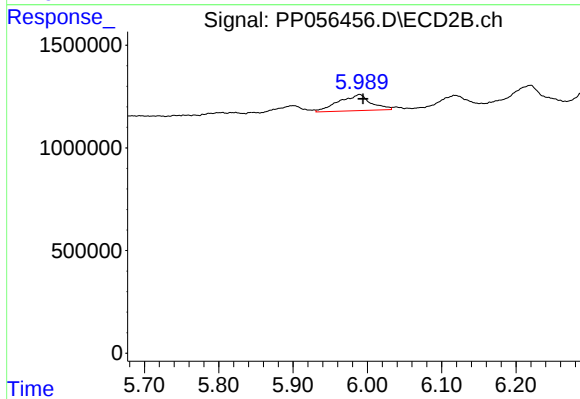
#27 AR-1254-2

R.T.: 5.589 min
Delta R.T.: -0.001 min
Response: 602049
Conc: 9.87 ng/ml



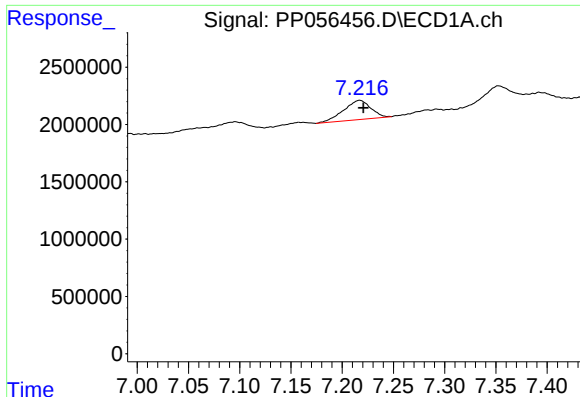
#28 AR-1254-3

R.T.: 6.931 min
Delta R.T.: -0.003 min
Response: 2726161
Conc: 22.23 ng/ml



#28 AR-1254-3

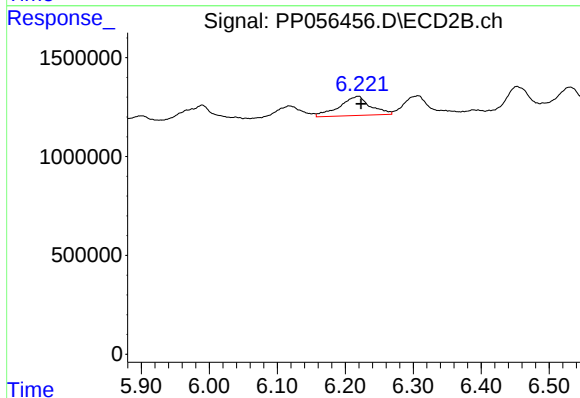
R.T.: 5.989 min
Delta R.T.: -0.005 min
Response: 2356705
Conc: 25.46 ng/ml



#29 AR-1254-4

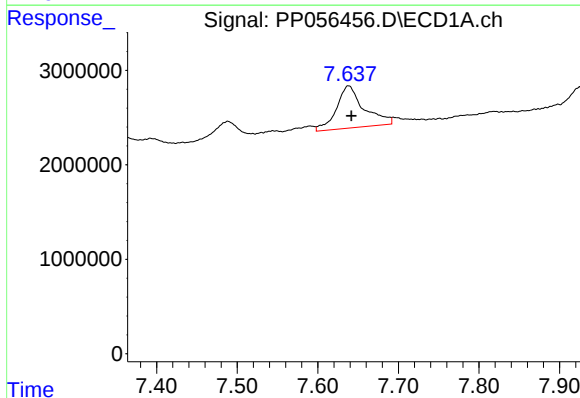
R.T.: 7.217 min
Delta R.T.: -0.004 min
Response: 3097251
Conc: 34.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



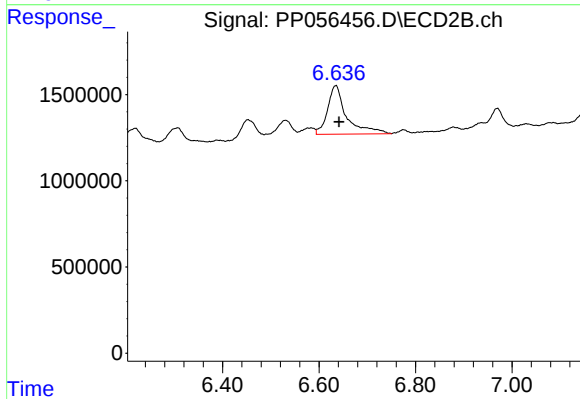
#29 AR-1254-4

R.T.: 6.219 min
Delta R.T.: -0.004 min
Response: 3061787
Conc: 56.80 ng/ml



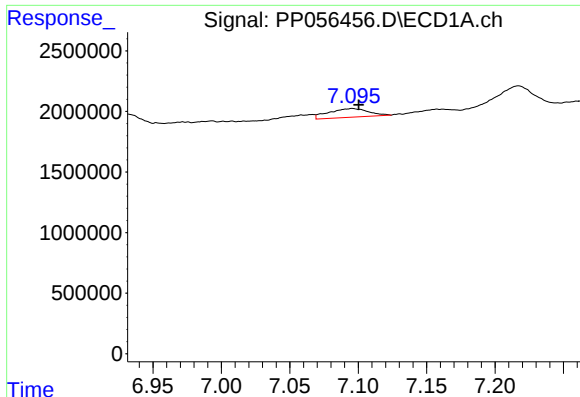
#30 AR-1254-5

R.T.: 7.638 min
Delta R.T.: -0.004 min
Response: 10670089
Conc: 103.21 ng/ml



#30 AR-1254-5

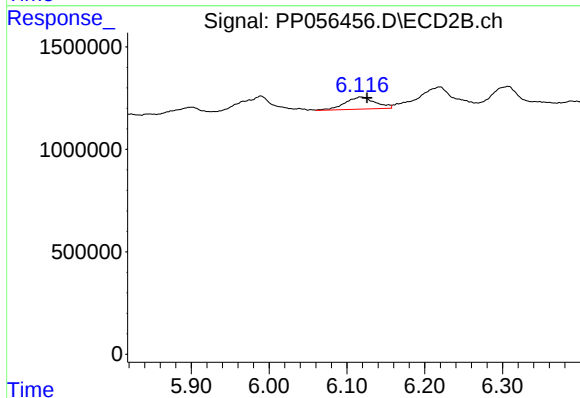
R.T.: 6.635 min
Delta R.T.: -0.007 min
Response: 7697673
Conc: 98.49 ng/ml



#31 AR-1260-1

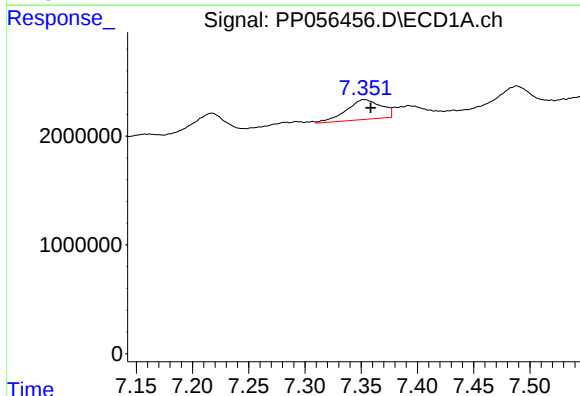
R.T.: 7.096 min
Delta R.T.: -0.005 min
Response: 1463760
Conc: 14.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



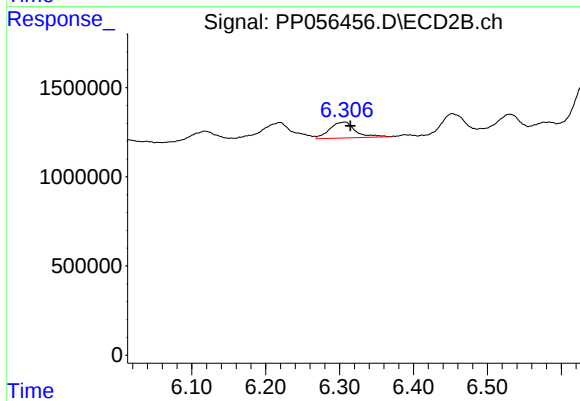
#31 AR-1260-1

R.T.: 6.118 min
Delta R.T.: -0.008 min
Response: 1607298
Conc: 23.58 ng/ml



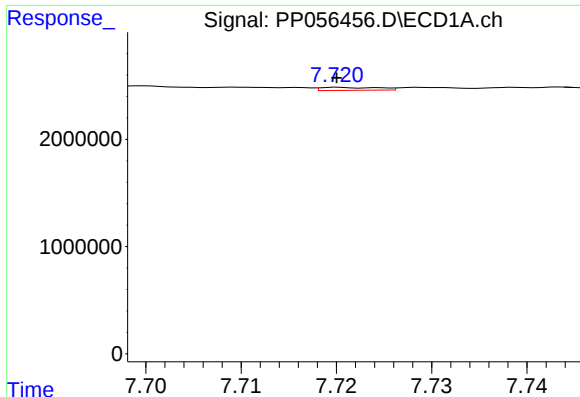
#32 AR-1260-2

R.T.: 7.352 min
Delta R.T.: -0.006 min
Response: 3956524
Conc: 34.11 ng/ml



#32 AR-1260-2

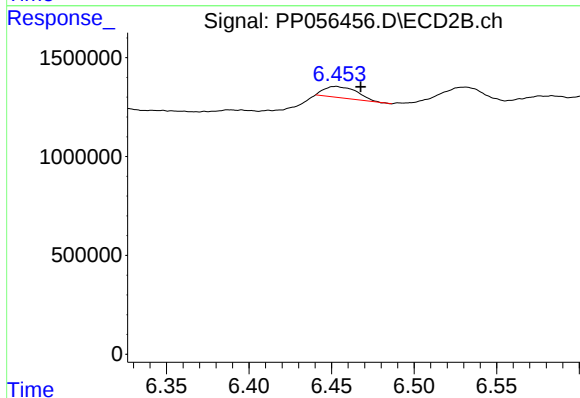
R.T.: 6.307 min
Delta R.T.: -0.008 min
Response: 2150047
Conc: 28.11 ng/ml



#33 AR-1260-3

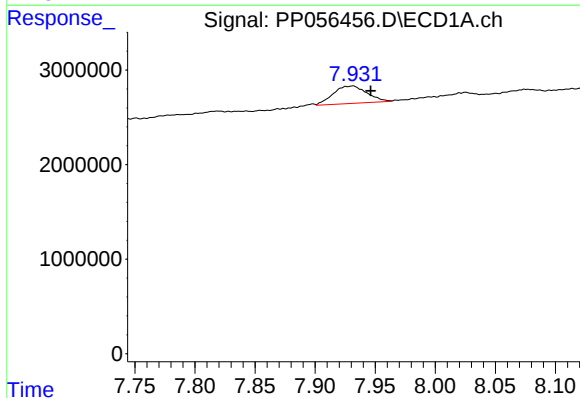
R.T.: 7.720 min
Delta R.T.: 0.000 min
Response: 117754
Conc: 1.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



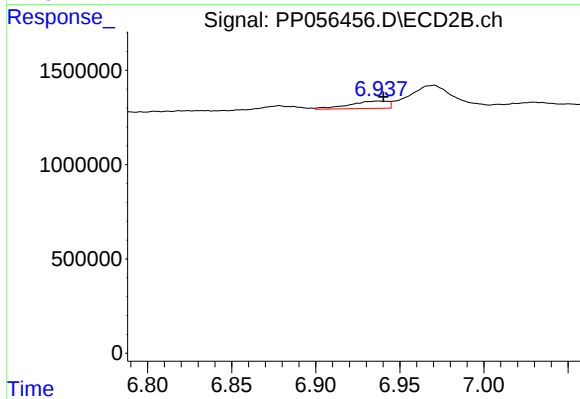
#33 AR-1260-3

R.T.: 6.453 min
Delta R.T.: -0.015 min
Response: 791302
Conc: 10.94 ng/ml



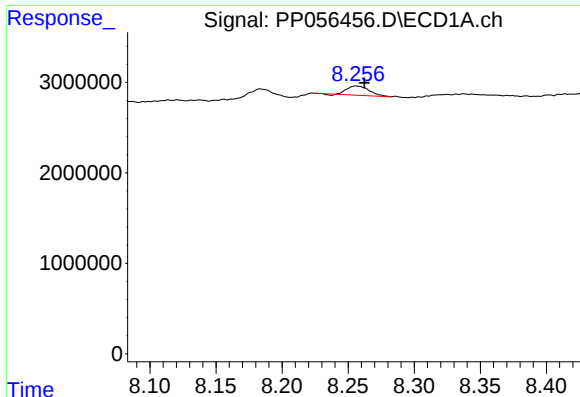
#34 AR-1260-4

R.T.: 7.932 min
Delta R.T.: -0.015 min
Response: 3633040
Conc: 36.75 ng/ml



#34 AR-1260-4

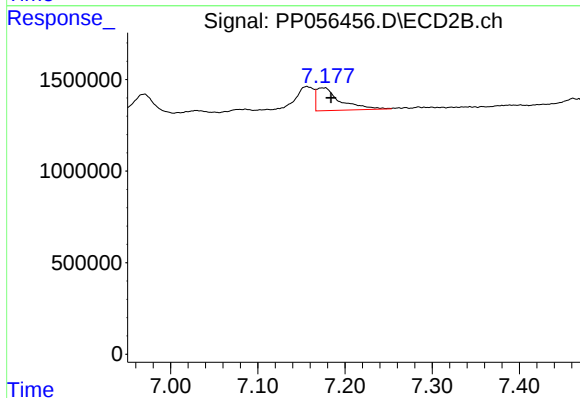
R.T.: 6.937 min
Delta R.T.: -0.003 min
Response: 631739
Conc: 10.53 ng/ml



#35 AR-1260-5

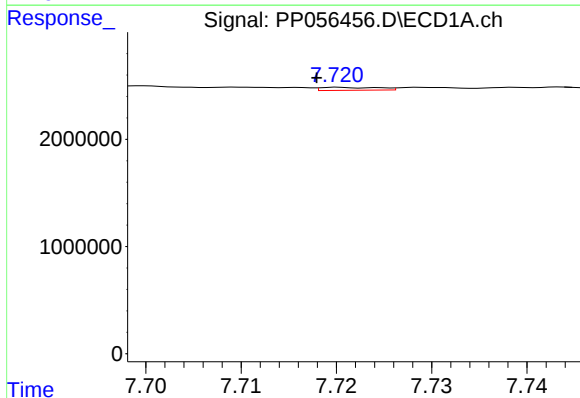
R.T.: 8.256 min
Delta R.T.: -0.006 min
Response: 1174386
Conc: 5.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



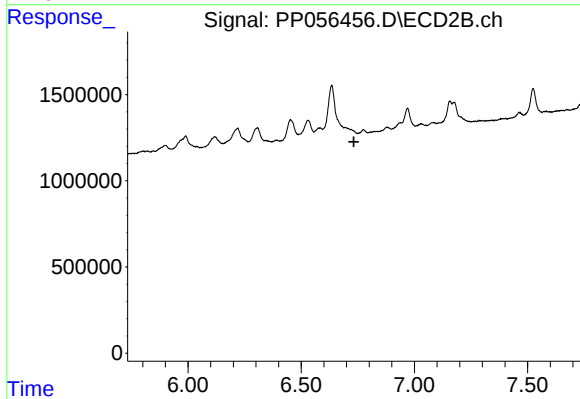
#35 AR-1260-5

R.T.: 7.174 min
Delta R.T.: -0.010 min
Response: 2342458
Conc: 18.33 ng/ml



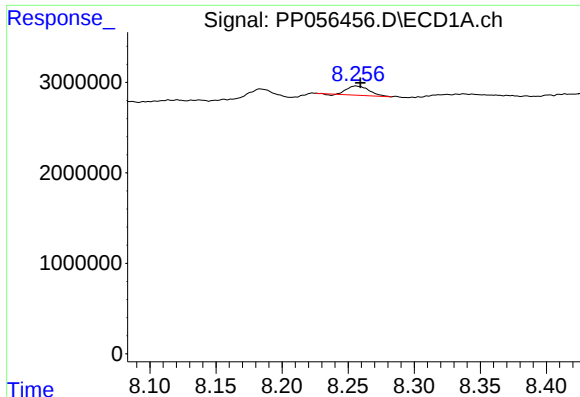
#36 AR-1262-1

R.T.: 7.720 min
Delta R.T.: 0.002 min
Response: 117754
Conc: 0.99 ng/ml



#36 AR-1262-1

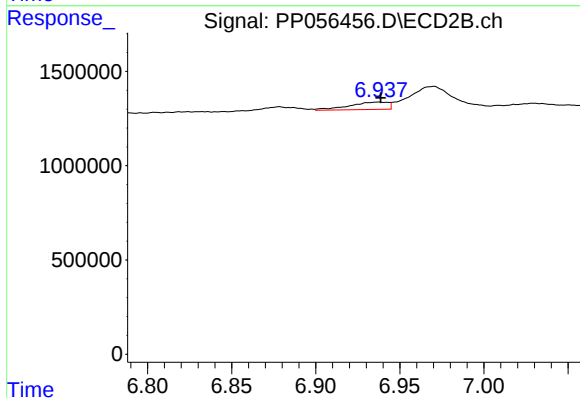
R.T.: 0.000 min
Exp R.T. : 6.733 min
Response: 0
Conc: N.D.



#37 AR-1262-2

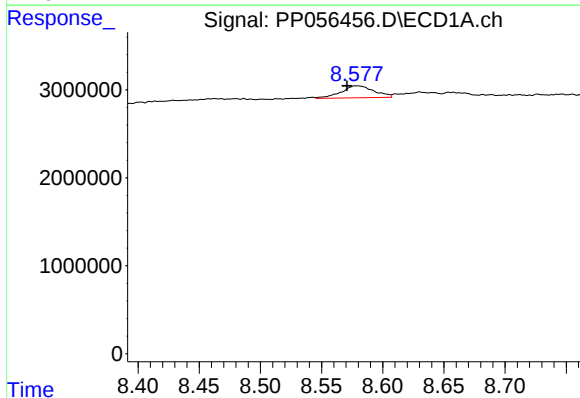
R.T.: 8.256 min
Delta R.T.: -0.004 min
Response: 1174386
Conc: 5.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



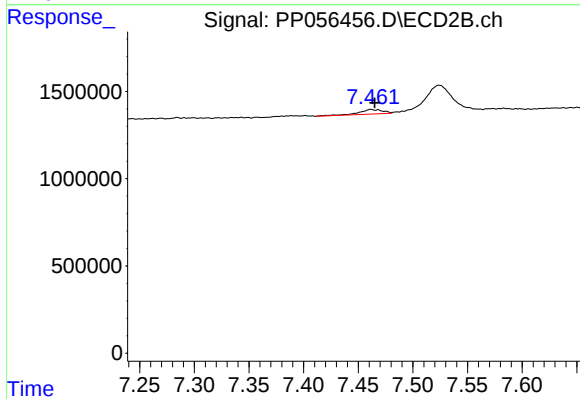
#37 AR-1262-2

R.T.: 6.937 min
Delta R.T.: -0.001 min
Response: 631739
Conc: 8.86 ng/ml



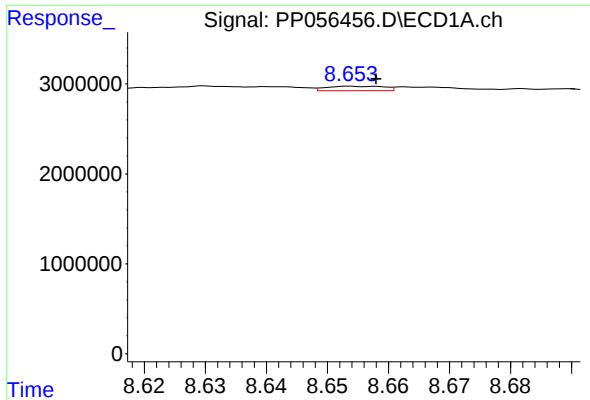
#38 AR-1262-3

R.T.: 8.578 min
Delta R.T.: 0.007 min
Response: 2534696
Conc: 16.59 ng/ml



#38 AR-1262-3

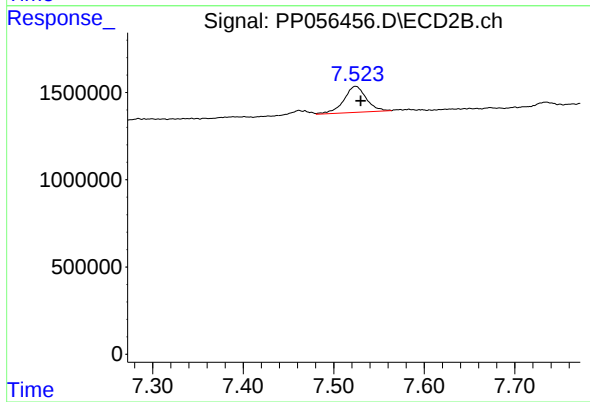
R.T.: 7.462 min
Delta R.T.: -0.004 min
Response: 407320
Conc: 7.48 ng/ml



#39 AR-1262-4

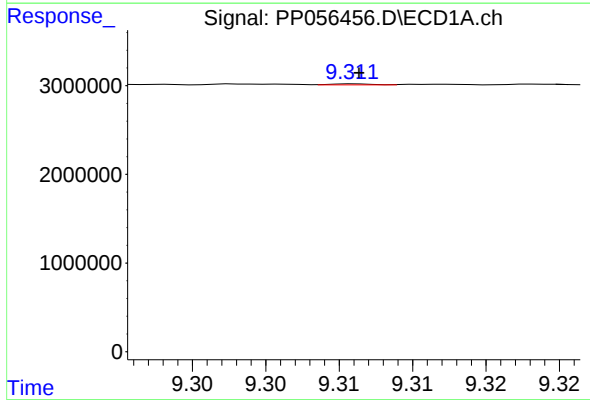
R.T.: 8.654 min
Delta R.T.: -0.004 min
Response: 325703
Conc: 4.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



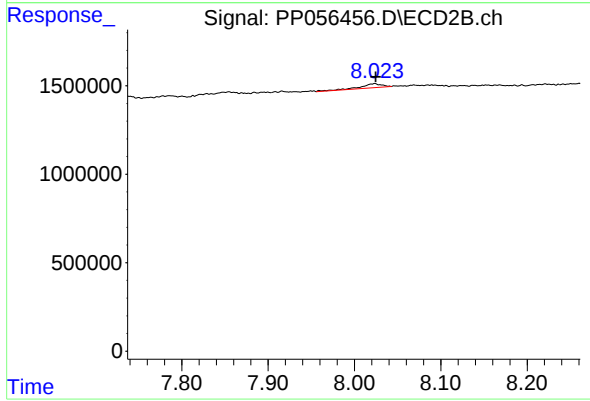
#39 AR-1262-4

R.T.: 7.524 min
Delta R.T.: -0.006 min
Response: 2590512
Conc: 26.79 ng/ml



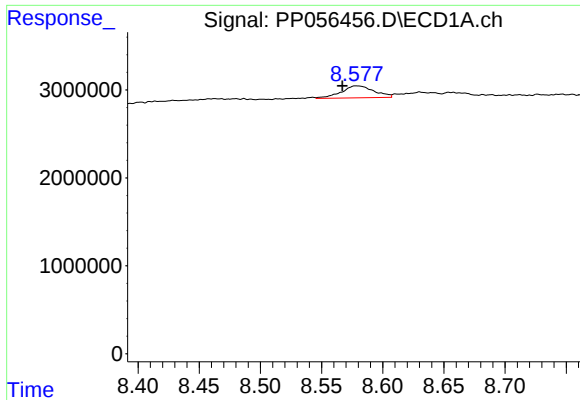
#40 AR-1262-5

R.T.: 9.311 min
Delta R.T.: 0.000 min
Response: 21007
Conc: 0.25 ng/ml



#40 AR-1262-5

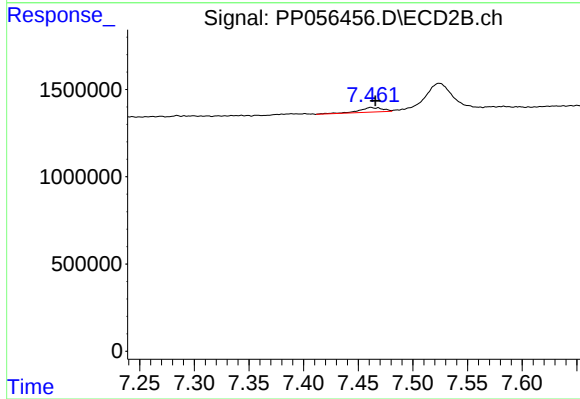
R.T.: 8.024 min
Delta R.T.: -0.001 min
Response: 393789
Conc: 8.76 ng/ml



#41 AR-1268-1

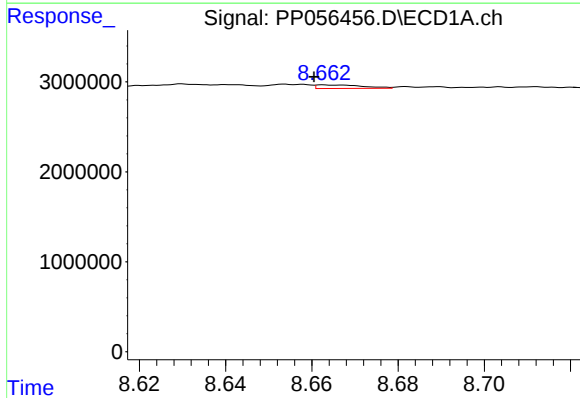
R.T.: 8.578 min
Delta R.T.: 0.011 min
Response: 2534696
Conc: 9.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



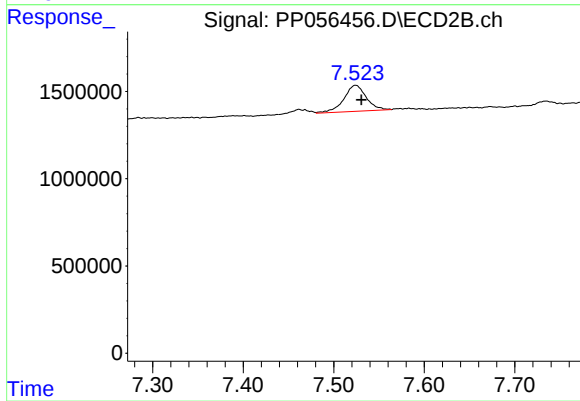
#41 AR-1268-1

R.T.: 7.462 min
Delta R.T.: -0.004 min
Response: 407320
Conc: 2.41 ng/ml



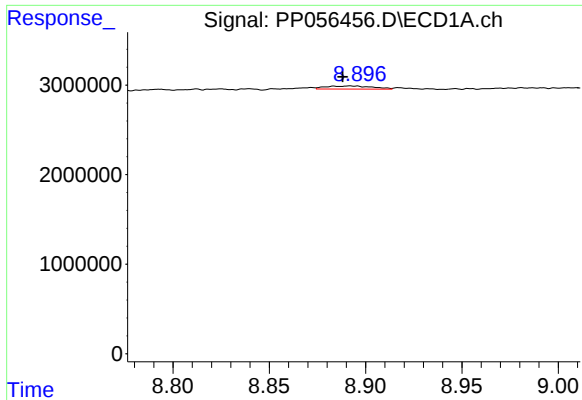
#42 AR-1268-2

R.T.: 8.663 min
Delta R.T.: 0.002 min
Response: 297957
Conc: 1.16 ng/ml



#42 AR-1268-2

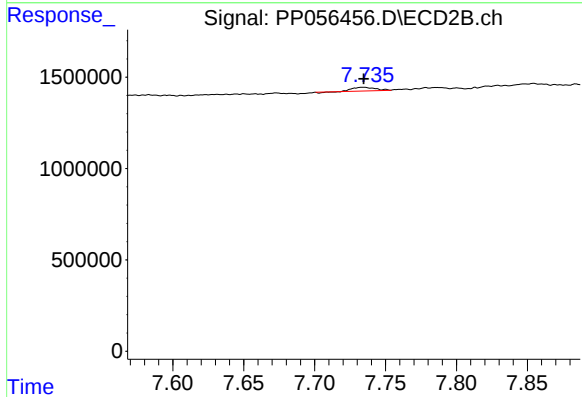
R.T.: 7.524 min
Delta R.T.: -0.006 min
Response: 2590512
Conc: 17.32 ng/ml



#43 AR-1268-3

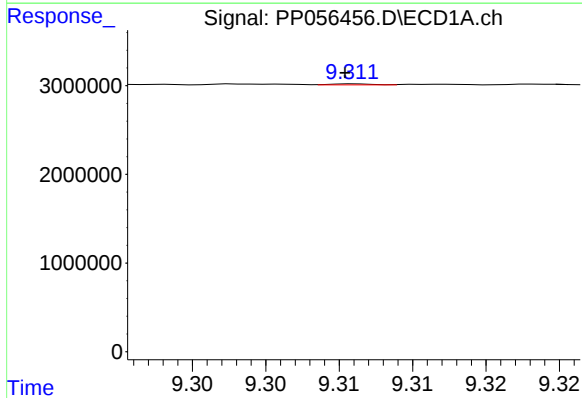
R.T.: 8.892 min
Delta R.T.: 0.004 min
Response: 585323
Conc: 2.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



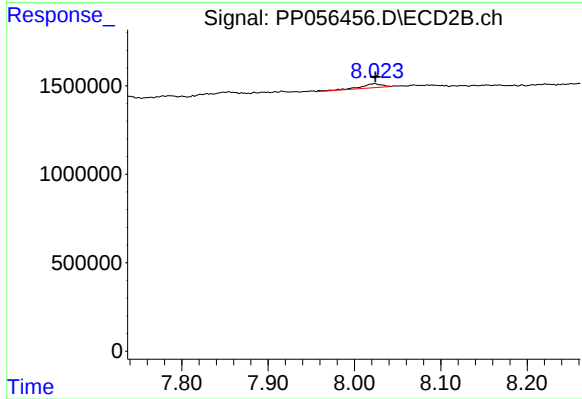
#43 AR-1268-3

R.T.: 7.734 min
Delta R.T.: 0.000 min
Response: 211396
Conc: 1.56 ng/ml



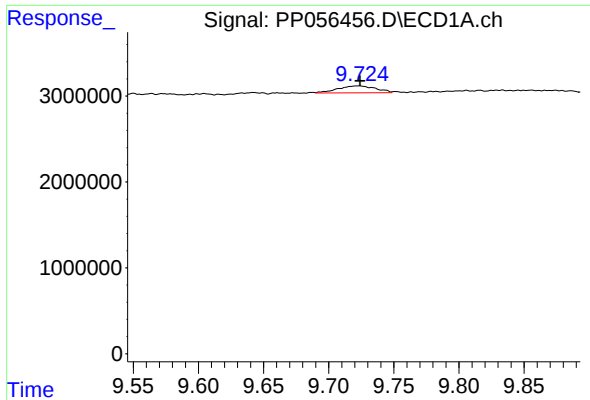
#44 AR-1268-4

R.T.: 9.311 min
Delta R.T.: 0.000 min
Response: 21007
Conc: 0.22 ng/ml



#44 AR-1268-4

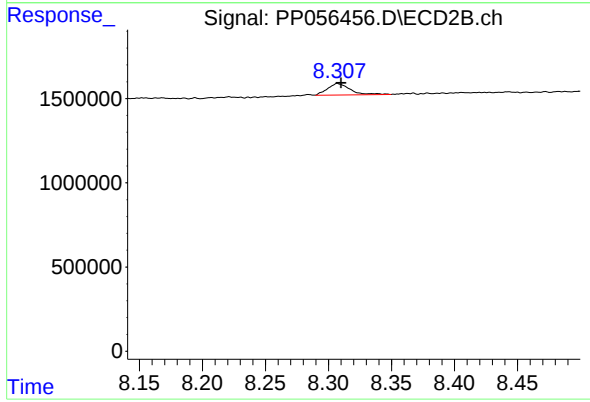
R.T.: 8.024 min
Delta R.T.: 0.000 min
Response: 393789
Conc: 7.72 ng/ml



#45 AR-1268-5

R.T.: 9.724 min
Delta R.T.: 0.000 min
Response: 1620472
Conc: 2.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.307 min
Delta R.T.: -0.003 min
Response: 863662
Conc: 2.22 ng/ml