

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP011123\
 Data File : PP054488.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jan 2023 03:44
 Operator : YP\AJ
 Sample : 01103-01
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 12 05:07:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 05 03:46:53 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...	4.337	3.587	27528562	20505136	13.594	12.712
2)	SA Decachlor...	10.094	8.605	11176923	10868289	7.782	7.704
Target Compounds							
3)	L1 AR-1016-1	5.526f	4.658f	1209468	976092	16.367	18.759
4)	L1 AR-1016-2	5.526	0.000	1209468	0	11.333	N.D. #
5)	L1 AR-1016-3	5.581	4.877	22314318	304608	326.169	7.765 #
6)	L1 AR-1016-4	0.000	4.911	0	1572848	N.D.	45.704 #
7)	L1 AR-1016-5	6.000	5.110f	1443416	326568	31.880	7.428 #
8)	L2 AR-1221-1	4.542	3.777f	2600257	636897	108.145	33.331 #
9)	L2 AR-1221-2	4.644	3.867f	761565	2282788	42.985	154.820 #
10)	L2 AR-1221-3	4.710	3.968	892108	864387	16.552	19.461
11)	L3 AR-1232-1	4.710	3.968	892108	864387	19.833	23.225
12)	L3 AR-1232-2	5.241	0.000	2923823	0	112.048	N.D. #
13)	L3 AR-1232-3	5.526	4.877	1209468	304608	26.293	18.347 #
14)	L3 AR-1232-4	0.000	4.948	0	389968	N.D.	23.247 #
15)	L3 AR-1232-5	0.000	5.110f	0	326568	N.D.	18.088 #
16)	L4 AR-1242-1	5.526	4.658f	1209468	976092	20.369	23.121
17)	L4 AR-1242-2	5.526	0.000	1209468	0	14.147	N.D. #
18)	L4 AR-1242-3	5.581f	4.877	22314318	304608	408.405	9.525 #
19)	L4 AR-1242-4	0.000	4.948	0	389968	N.D.	11.179 #
20)	L4 AR-1242-5	0.000	5.485	0	706210	N.D.	18.770 #
21)	L5 AR-1248-1	5.526	4.658f	1209468	976092	26.939	30.007
22)	L5 AR-1248-2	0.000	4.911	0	1572848	N.D.	31.849 #
23)	L5 AR-1248-3	6.000	4.948	1443416	389968	24.351	7.557 #
24)	L5 AR-1248-4	6.404	5.110f	97575237	326568	1684.427	5.534 #
25)	L5 AR-1248-5	0.000	5.516	0	602191	N.D.	12.142 #
26)	L6 AR-1254-1	0.000	5.485	0	706210	N.D.	8.235 #
27)	L6 AR-1254-2	6.598	5.627	1109030	1946613	11.818	26.203 #
28)	L6 AR-1254-3	6.958	6.031	79237	145810	0.835	1.256 #
29)	L6 AR-1254-4	7.223f	6.253	97653	177276	1.440	2.816 #
30)	L6 AR-1254-5	7.669	6.668	2183953	60822	28.729	0.636 #
31)	L7 AR-1260-1	7.120	6.160	40390	727179	0.518	8.584 #
32)	L7 AR-1260-2	7.387	6.366	543211	317670	6.065	3.322 #
33)	L7 AR-1260-3	0.000	6.514	0	557440	N.D.	6.099 #
34)	L7 AR-1260-4	7.947f	0.000	27225	0	0.342	N.D. #
35)	L7 AR-1260-5	8.277	7.239f	666430	379054	4.647	2.393 #
36)	L8 AR-1262-1	0.000	6.759f	0	182410	N.D.	4.468 #
37)	L8 AR-1262-2	8.277	0.000	666430	0	4.709	N.D. #
38)	L8 AR-1262-3	8.609	7.517	-26129	50825	N.D.	0.761 #
39)	L8 AR-1262-4	8.703f	7.555f	190174	163080	3.756	1.394 #
40)	L8 AR-1262-5	9.362f	8.076	221926	752653	3.951	13.663 #
41)	L9 AR-1268-1	8.609	7.517	-26129	50825	N.D.	0.250 #

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 Operator : YP\AJ
 Sample : 01103-01
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

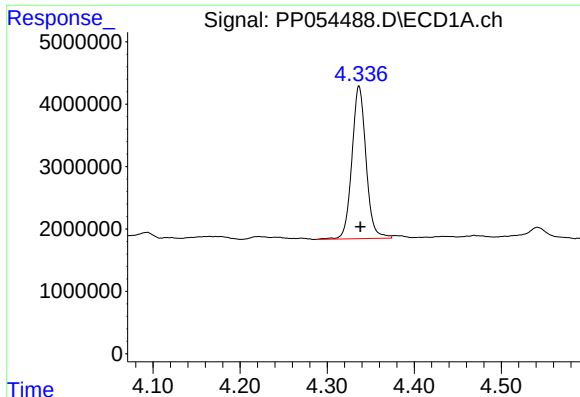
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 12 05:07:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010423.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	8.703	7.555f	190174	163080	1.078	0.885
43) L9	AR-1268-3	8.922	7.777	53864	-24283	0.347	N.D. #
44) L9	AR-1268-4	9.362f	8.076	221926	752653	3.243	11.913 #
45) L9	AR-1268-5	9.756	8.365	347872	32002	0.682	0.065 #

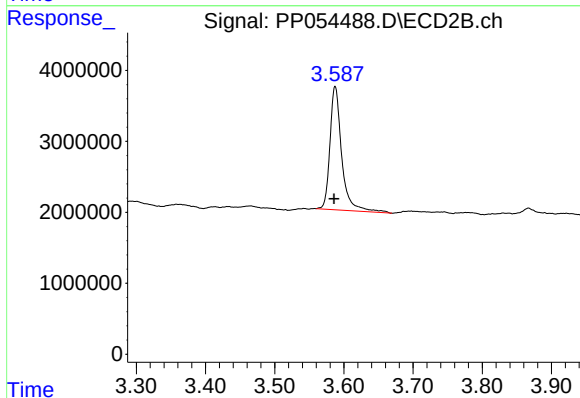
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

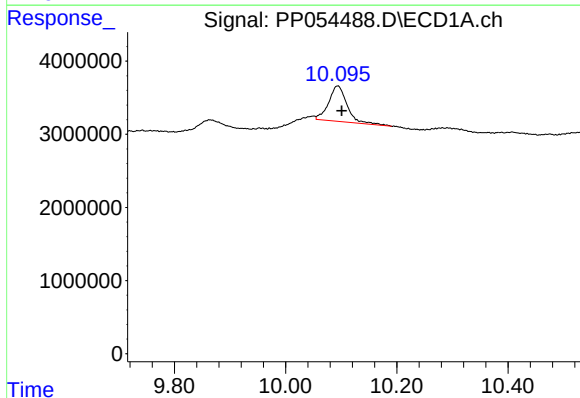
R.T.: 4.337 min
Delta R.T.: -0.001 min
Response: 27528562
Conc: 13.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



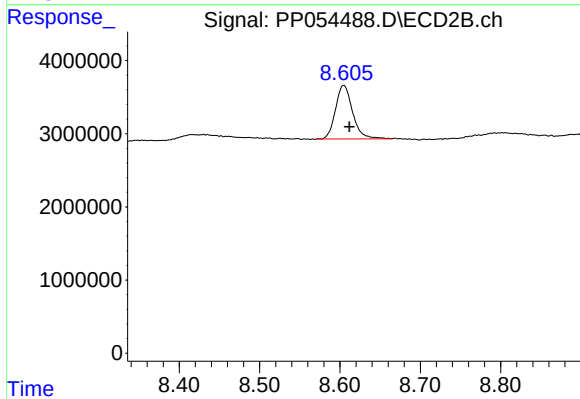
#1 Tetrachloro-m-xylene

R.T.: 3.587 min
Delta R.T.: 0.001 min
Response: 20505136
Conc: 12.71 ng/ml



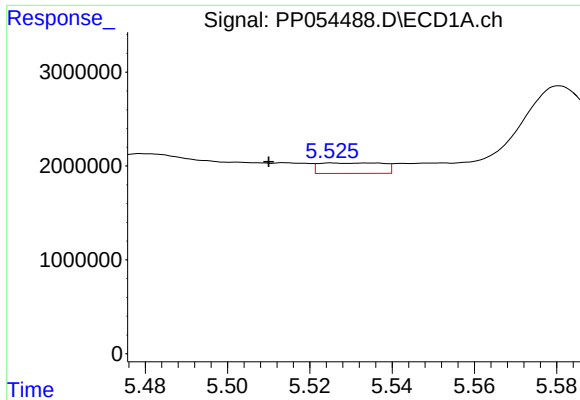
#2 Decachlorobiphenyl

R.T.: 10.094 min
Delta R.T.: -0.007 min
Response: 11176923
Conc: 7.78 ng/ml



#2 Decachlorobiphenyl

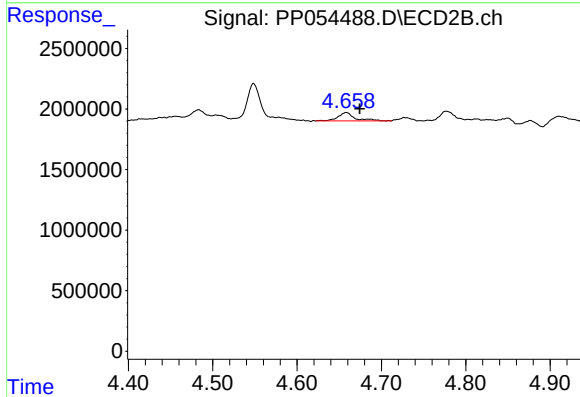
R.T.: 8.605 min
Delta R.T.: -0.007 min
Response: 10868289
Conc: 7.70 ng/ml



#3 AR-1016-1

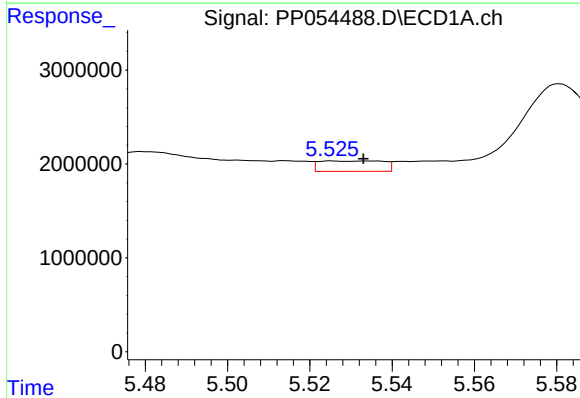
R.T.: 5.526 min
Delta R.T.: 0.016 min
Response: 1209468
Conc: 16.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



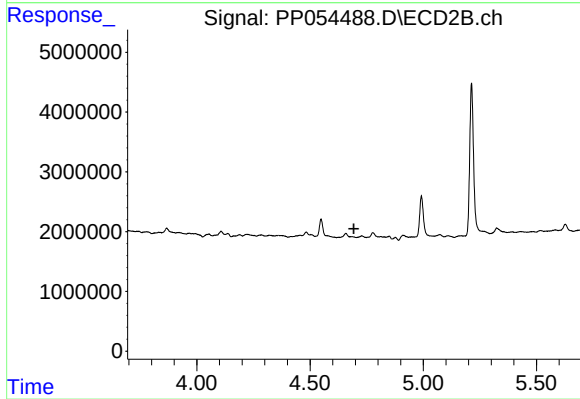
#3 AR-1016-1

R.T.: 4.658 min
Delta R.T.: -0.016 min
Response: 976092
Conc: 18.76 ng/ml



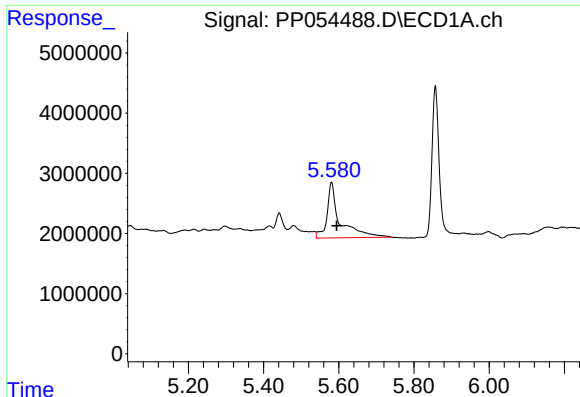
#4 AR-1016-2

R.T.: 5.526 min
Delta R.T.: -0.007 min
Response: 1209468
Conc: 11.33 ng/ml



#4 AR-1016-2

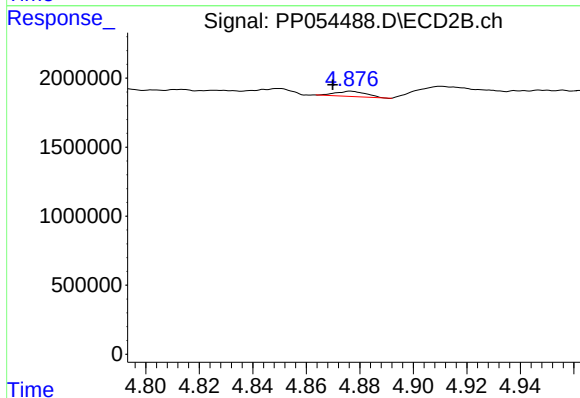
R.T.: 0.000 min
Exp R.T. : 4.693 min
Response: 0
Conc: N.D.



#5 AR-1016-3

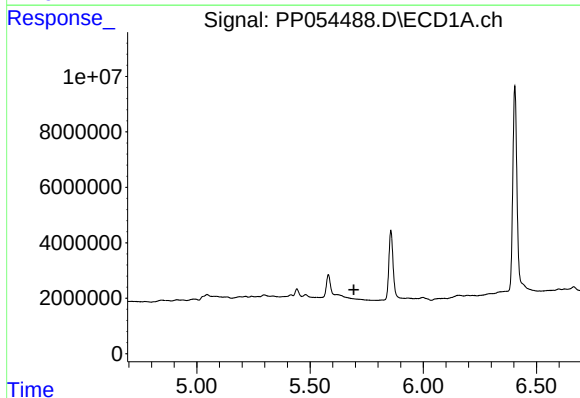
R.T.: 5.581 min
Delta R.T.: -0.014 min
Response: 22314318
Conc: 326.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



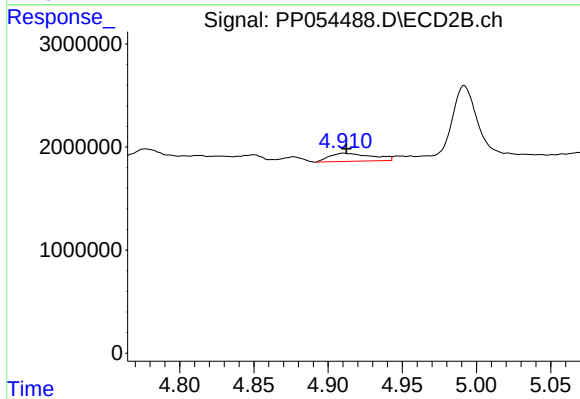
#5 AR-1016-3

R.T.: 4.877 min
Delta R.T.: 0.007 min
Response: 304608
Conc: 7.77 ng/ml



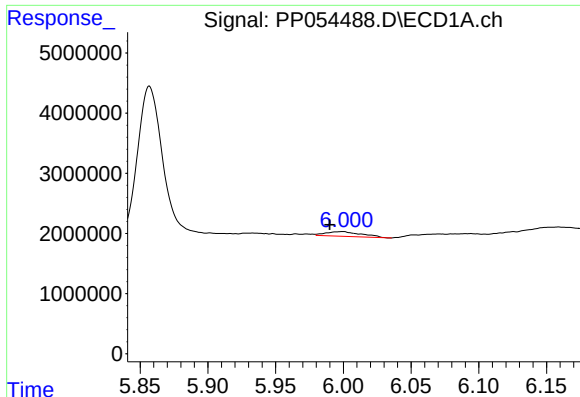
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.694 min
Response: 0
Conc: N.D.



#6 AR-1016-4

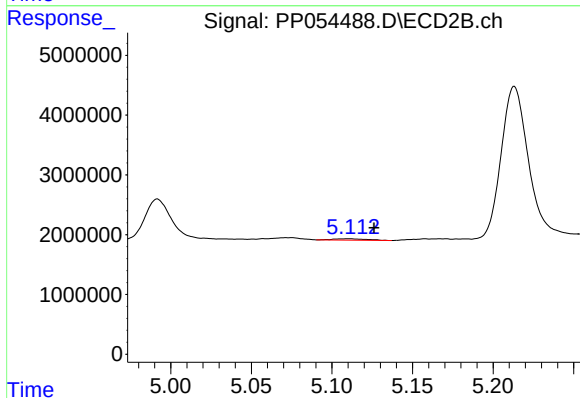
R.T.: 4.911 min
Delta R.T.: -0.002 min
Response: 1572848
Conc: 45.70 ng/ml



#7 AR-1016-5

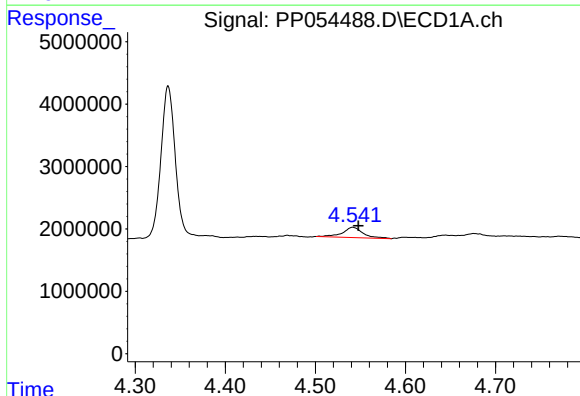
R.T.: 6.000 min
Delta R.T.: 0.010 min
Response: 1443416
Conc: 31.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



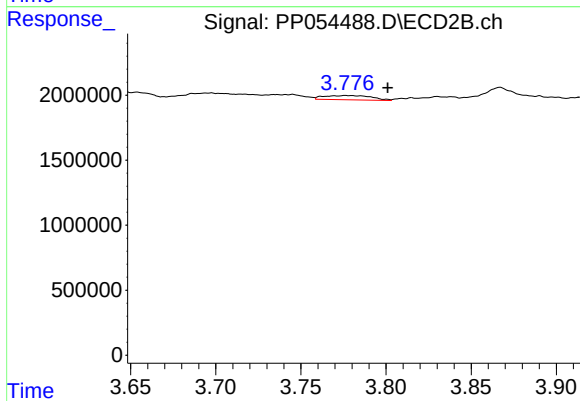
#7 AR-1016-5

R.T.: 5.110 min
Delta R.T.: -0.016 min
Response: 326568
Conc: 7.43 ng/ml



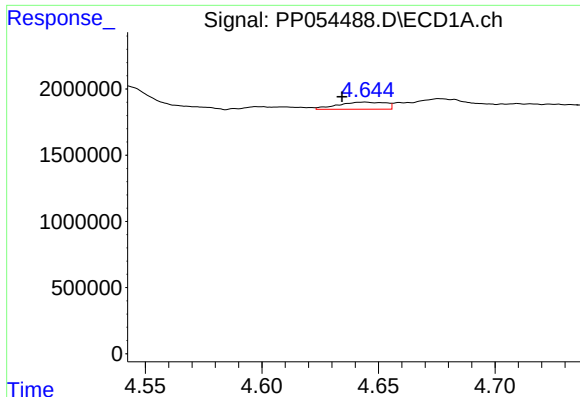
#8 AR-1221-1

R.T.: 4.542 min
Delta R.T.: -0.006 min
Response: 2600257
Conc: 108.14 ng/ml



#8 AR-1221-1

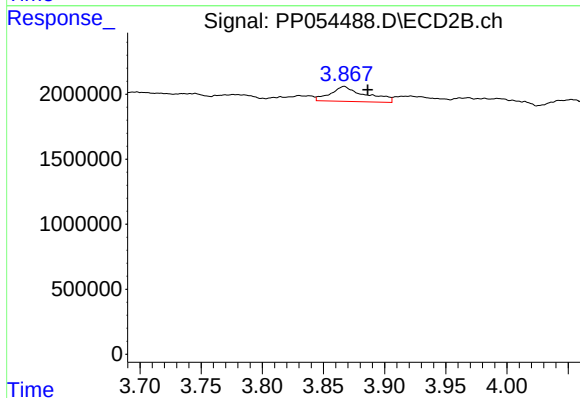
R.T.: 3.777 min
Delta R.T.: -0.024 min
Response: 636897
Conc: 33.33 ng/ml



#9 AR-1221-2

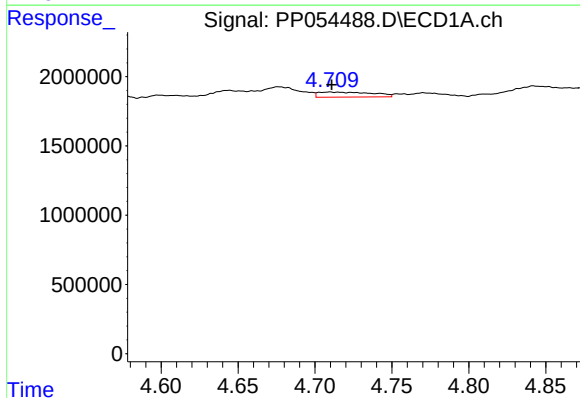
R.T.: 4.644 min
Delta R.T.: 0.010 min
Response: 761565
Conc: 42.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



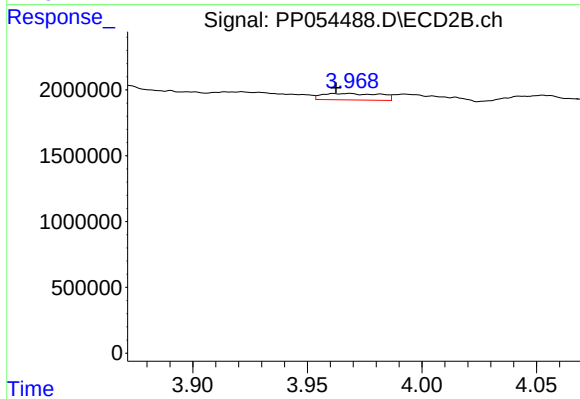
#9 AR-1221-2

R.T.: 3.867 min
Delta R.T.: -0.019 min
Response: 2282788
Conc: 154.82 ng/ml



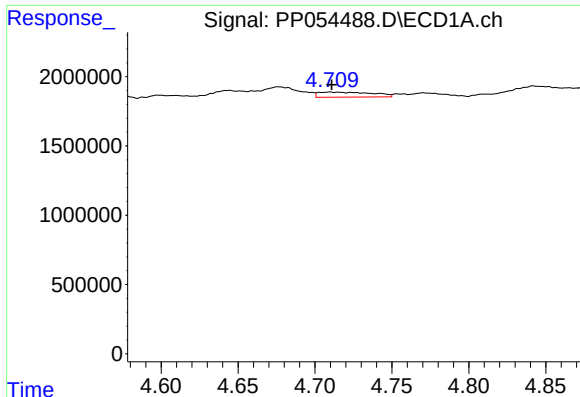
#10 AR-1221-3

R.T.: 4.710 min
Delta R.T.: -0.001 min
Response: 892108
Conc: 16.55 ng/ml



#10 AR-1221-3

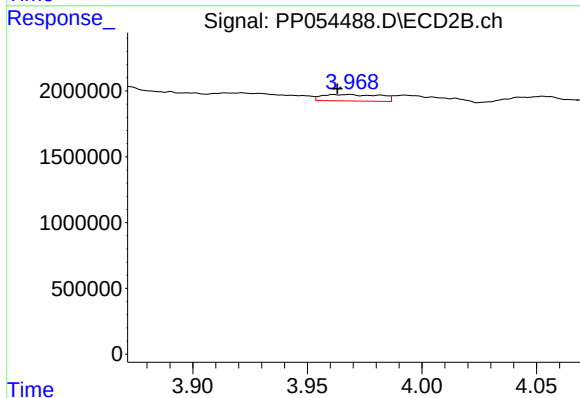
R.T.: 3.968 min
Delta R.T.: 0.006 min
Response: 864387
Conc: 19.46 ng/ml



#11 AR-1232-1

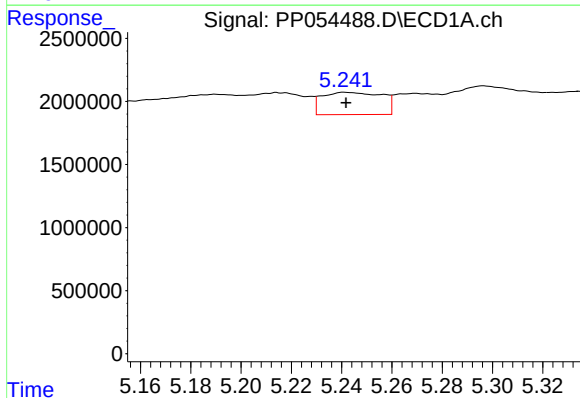
R.T.: 4.710 min
Delta R.T.: -0.001 min
Response: 892108
Conc: 19.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



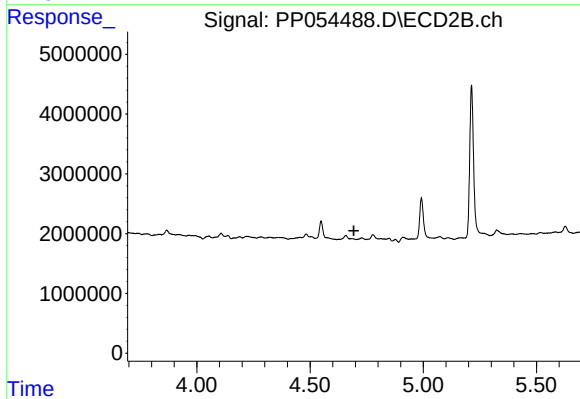
#11 AR-1232-1

R.T.: 3.968 min
Delta R.T.: 0.005 min
Response: 864387
Conc: 23.22 ng/ml



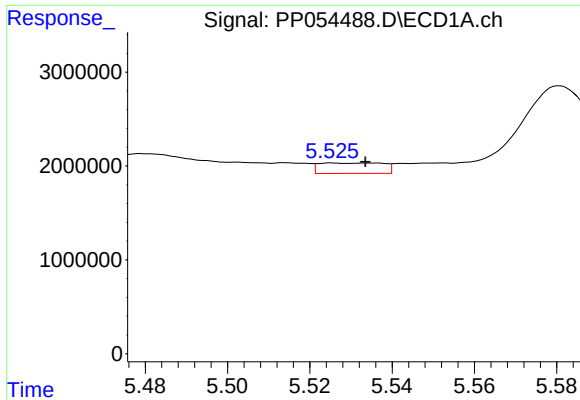
#12 AR-1232-2

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 2923823
Conc: 112.05 ng/ml



#12 AR-1232-2

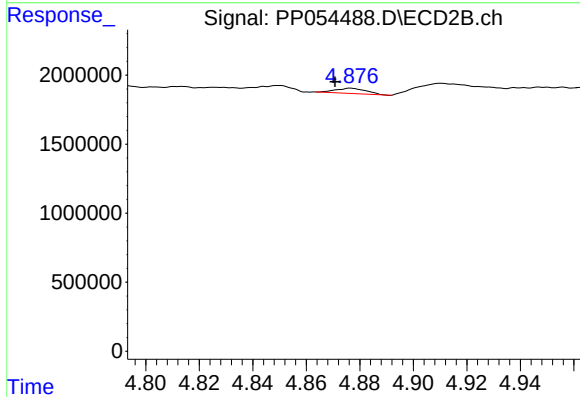
R.T.: 0.000 min
Exp R.T. : 4.694 min
Response: 0
Conc: N.D.



#13 AR-1232-3

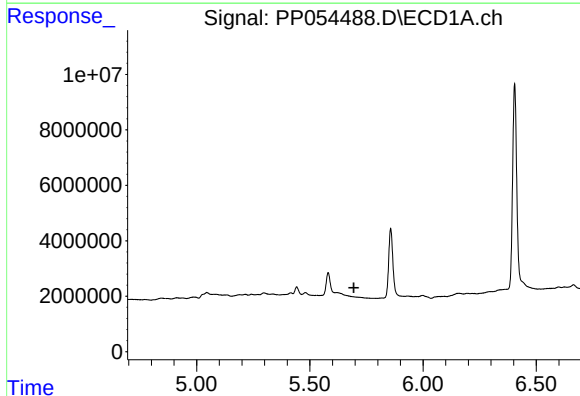
R.T.: 5.526 min
Delta R.T.: -0.008 min
Response: 1209468
Conc: 26.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



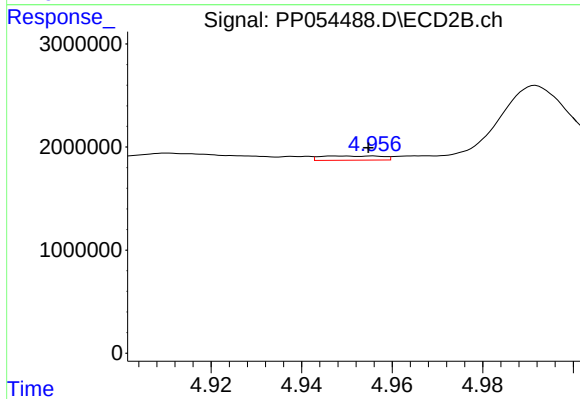
#13 AR-1232-3

R.T.: 4.877 min
Delta R.T.: 0.006 min
Response: 304608
Conc: 18.35 ng/ml



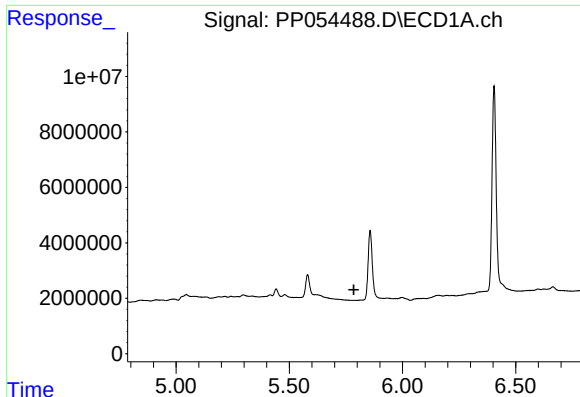
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.694 min
Response: 0
Conc: N.D.



#14 AR-1232-4

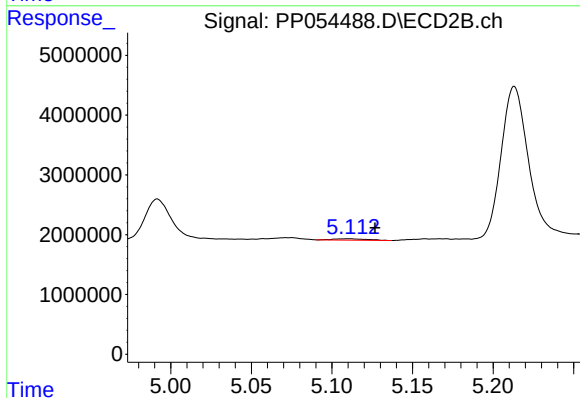
R.T.: 4.948 min
Delta R.T.: -0.007 min
Response: 389968
Conc: 23.25 ng/ml



#15 AR-1232-5

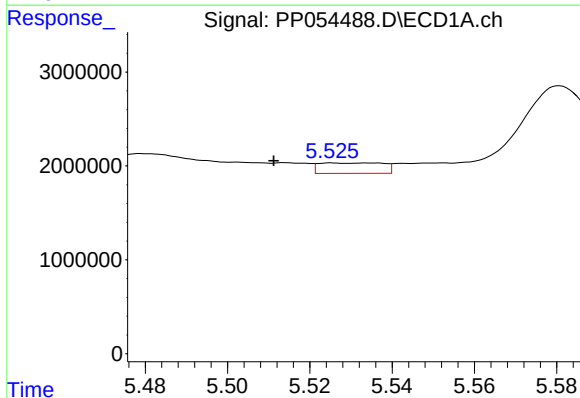
R.T.: 0.000 min
Exp R.T.: 5.786 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



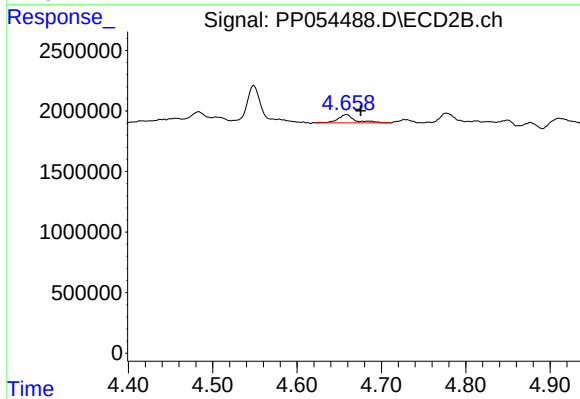
#15 AR-1232-5

R.T.: 5.110 min
Delta R.T.: -0.016 min
Response: 326568
Conc: 18.09 ng/ml



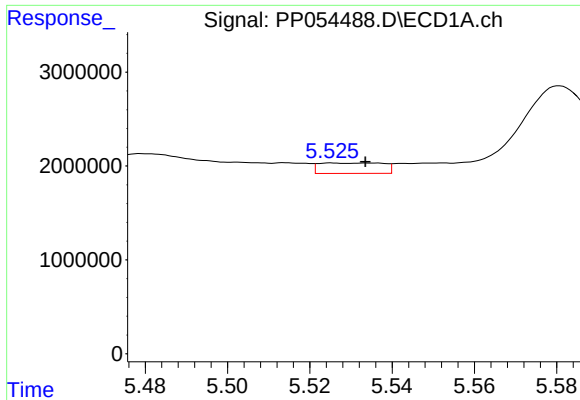
#16 AR-1242-1

R.T.: 5.526 min
Delta R.T.: 0.014 min
Response: 1209468
Conc: 20.37 ng/ml



#16 AR-1242-1

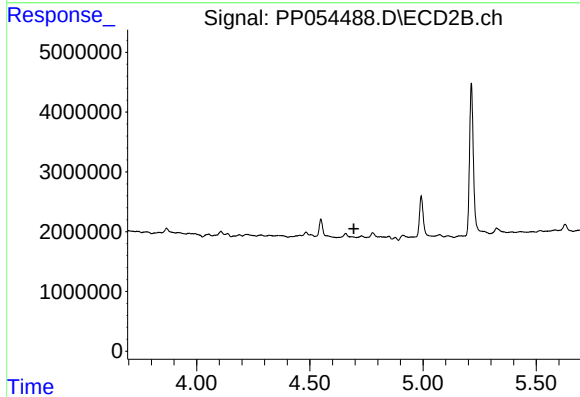
R.T.: 4.658 min
Delta R.T.: -0.017 min
Response: 976092
Conc: 23.12 ng/ml



#17 AR-1242-2

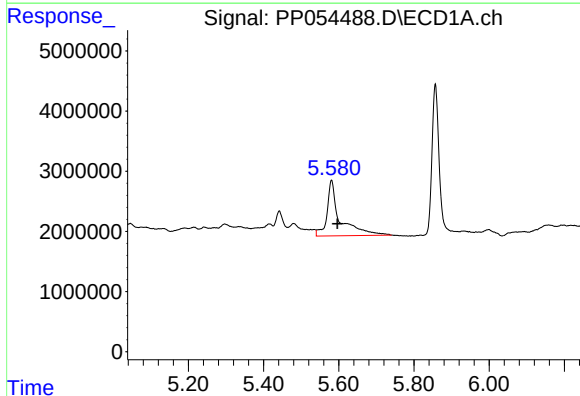
R.T.: 5.526 min
Delta R.T.: -0.008 min
Response: 1209468
Conc: 14.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



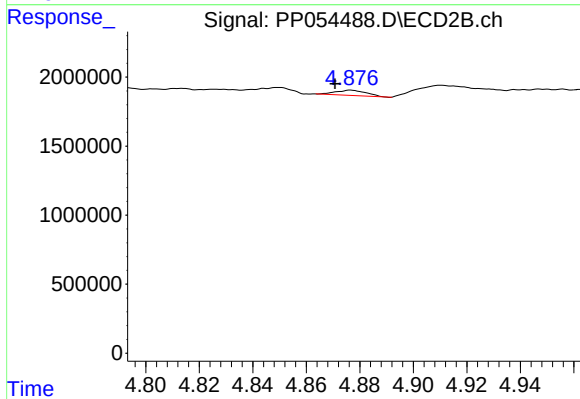
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.694 min
Response: 0
Conc: N.D.



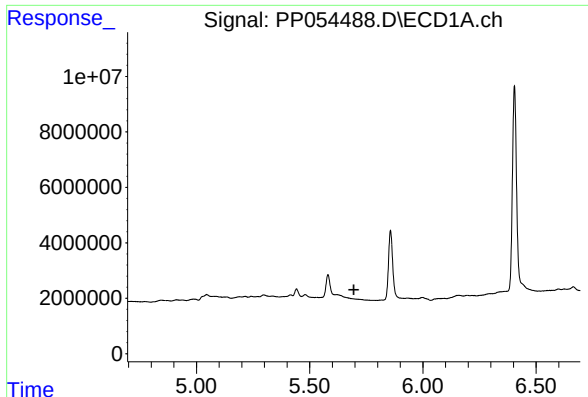
#18 AR-1242-3

R.T.: 5.581 min
Delta R.T.: -0.016 min
Response: 22314318
Conc: 408.40 ng/ml



#18 AR-1242-3

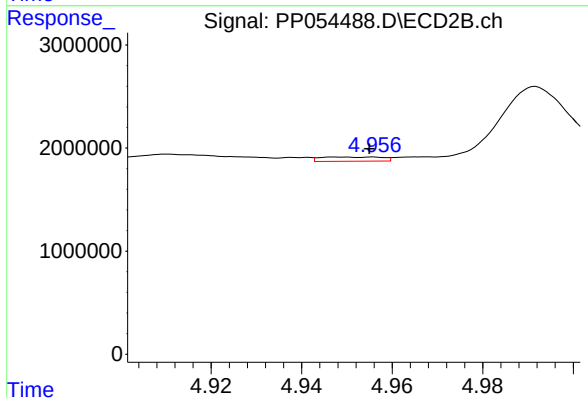
R.T.: 4.877 min
Delta R.T.: 0.006 min
Response: 304608
Conc: 9.52 ng/ml



#19 AR-1242-4

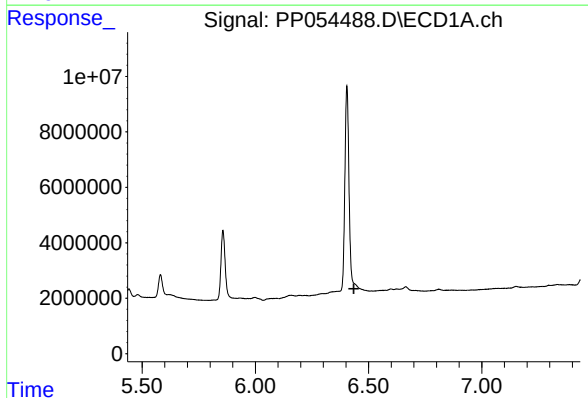
R.T.: 0.000 min
Exp R.T.: 5.695 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



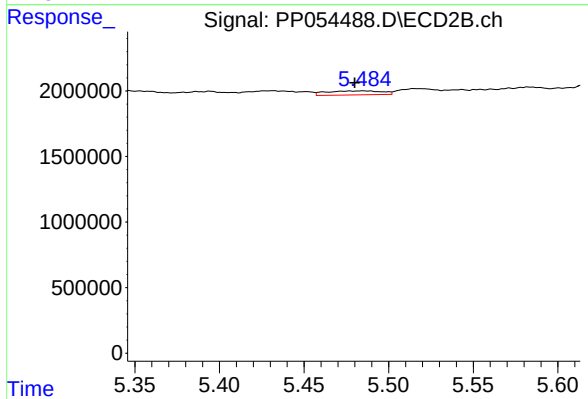
#19 AR-1242-4

R.T.: 4.948 min
Delta R.T.: -0.007 min
Response: 389968
Conc: 11.18 ng/ml



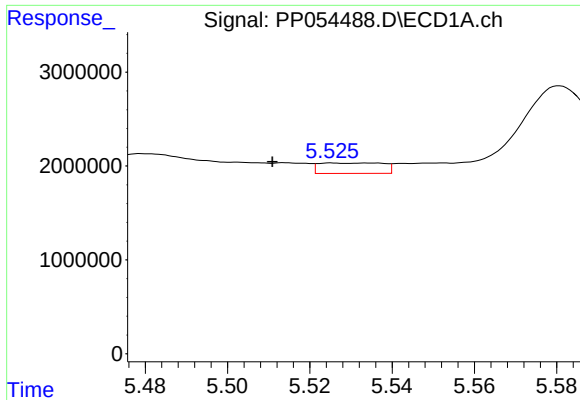
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 6.435 min
Response: 0
Conc: N.D.



#20 AR-1242-5

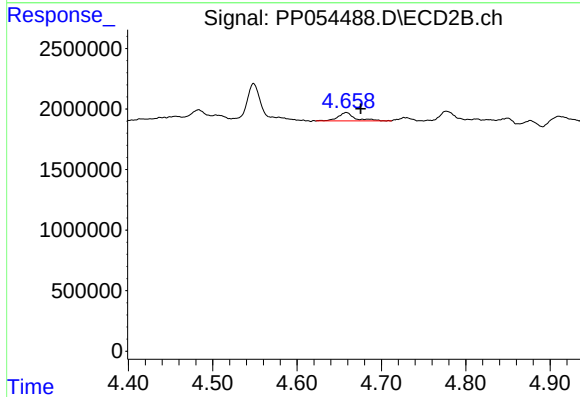
R.T.: 5.485 min
Delta R.T.: 0.005 min
Response: 706210
Conc: 18.77 ng/ml



#21 AR-1248-1

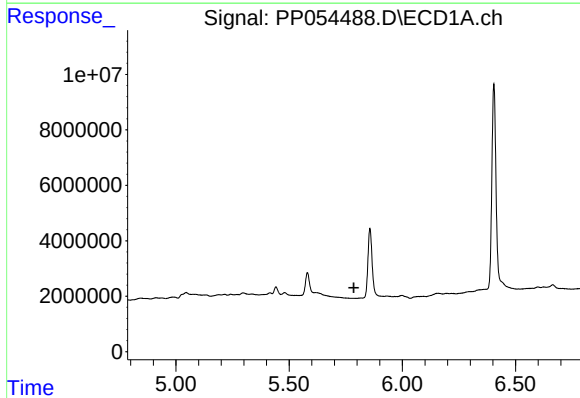
R.T.: 5.526 min
Delta R.T.: 0.015 min
Response: 1209468
Conc: 26.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



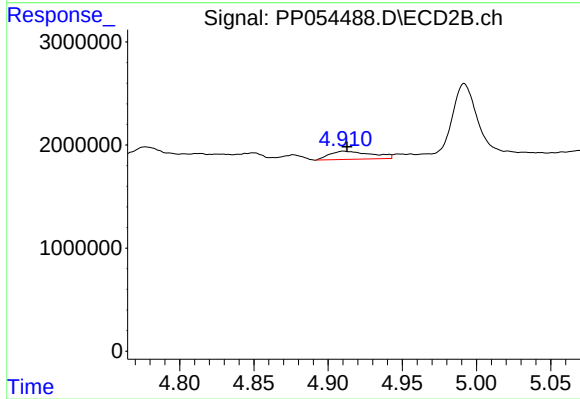
#21 AR-1248-1

R.T.: 4.658 min
Delta R.T.: -0.017 min
Response: 976092
Conc: 30.01 ng/ml



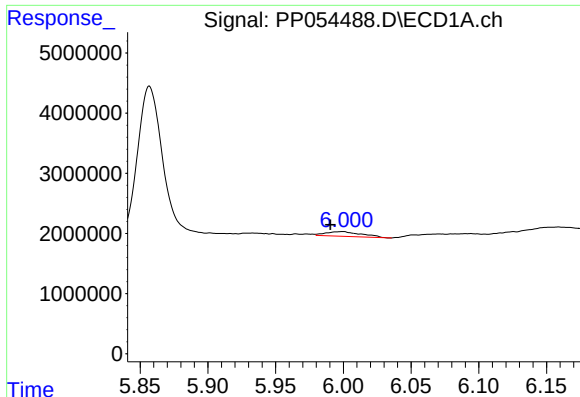
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.786 min
Response: 0
Conc: N.D.



#22 AR-1248-2

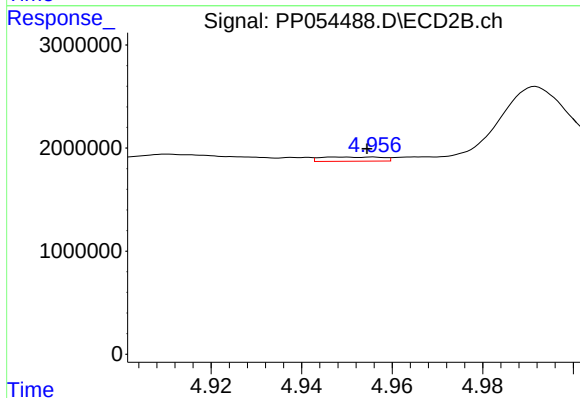
R.T.: 4.911 min
Delta R.T.: -0.002 min
Response: 1572848
Conc: 31.85 ng/ml



#23 AR-1248-3

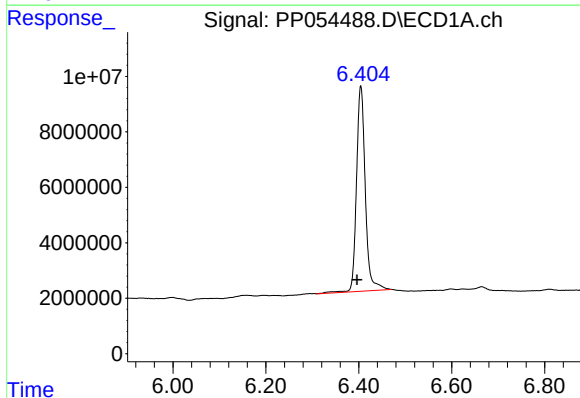
R.T.: 6.000 min
Delta R.T.: 0.009 min
Response: 1443416
Conc: 24.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



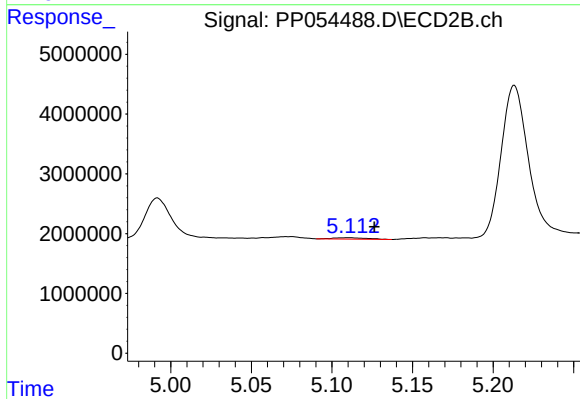
#23 AR-1248-3

R.T.: 4.948 min
Delta R.T.: -0.006 min
Response: 389968
Conc: 7.56 ng/ml



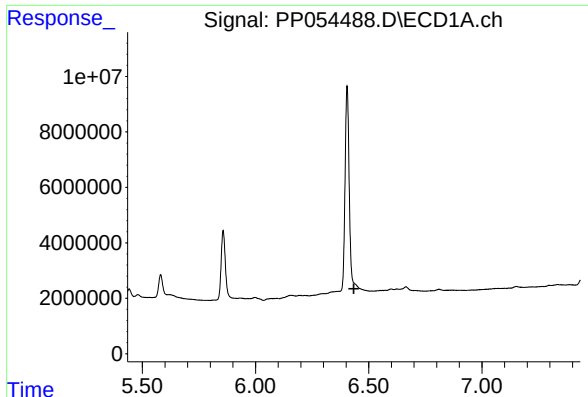
#24 AR-1248-4

R.T.: 6.404 min
Delta R.T.: 0.008 min
Response: 97575237
Conc: 1684.43 ng/ml



#24 AR-1248-4

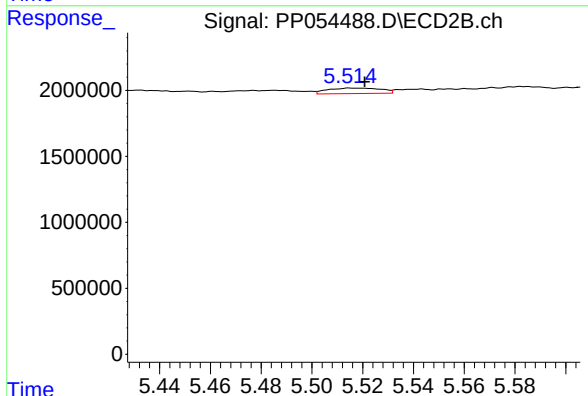
R.T.: 5.110 min
Delta R.T.: -0.016 min
Response: 326568
Conc: 5.53 ng/ml



#25 AR-1248-5

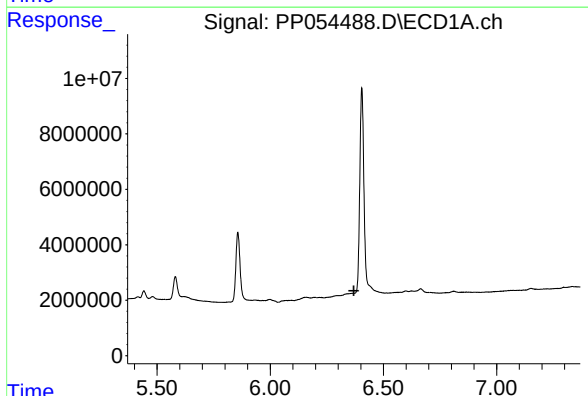
R.T.: 0.000 min
Exp R.T.: 6.435 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



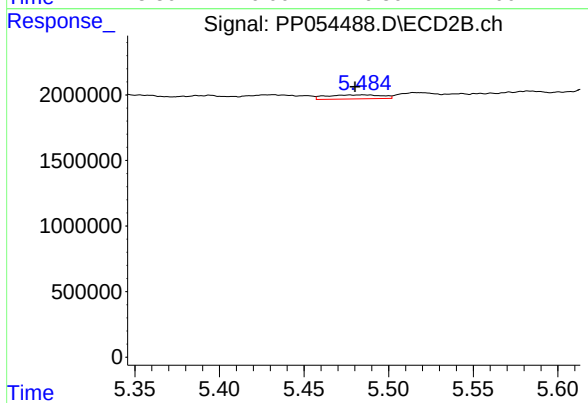
#25 AR-1248-5

R.T.: 5.516 min
Delta R.T.: -0.005 min
Response: 602191
Conc: 12.14 ng/ml



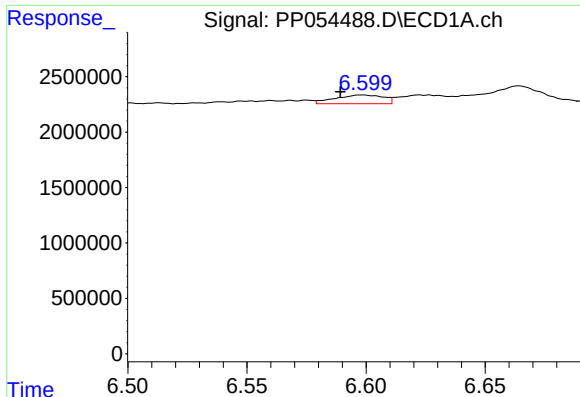
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 6.369 min
Response: 0
Conc: N.D.



#26 AR-1254-1

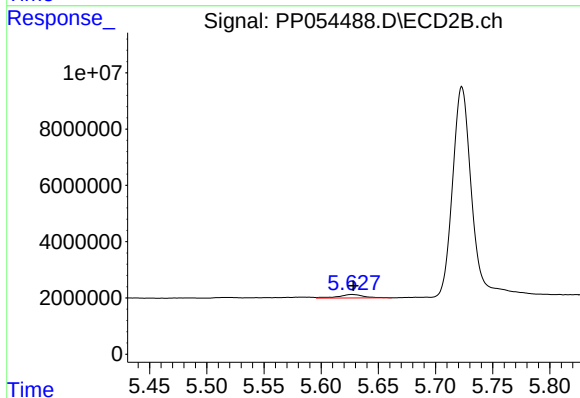
R.T.: 5.485 min
Delta R.T.: 0.005 min
Response: 706210
Conc: 8.24 ng/ml



#27 AR-1254-2

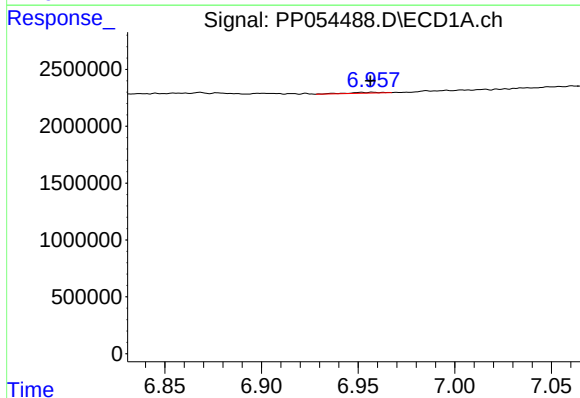
R.T.: 6.598 min
Delta R.T.: 0.009 min
Response: 1109030
Conc: 11.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



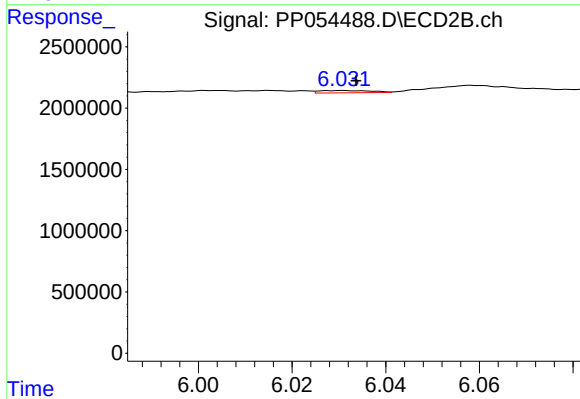
#27 AR-1254-2

R.T.: 5.627 min
Delta R.T.: -0.001 min
Response: 1946613
Conc: 26.20 ng/ml



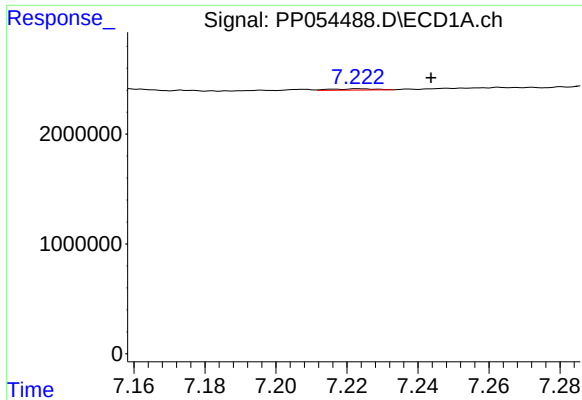
#28 AR-1254-3

R.T.: 6.958 min
Delta R.T.: 0.001 min
Response: 79237
Conc: 0.83 ng/ml



#28 AR-1254-3

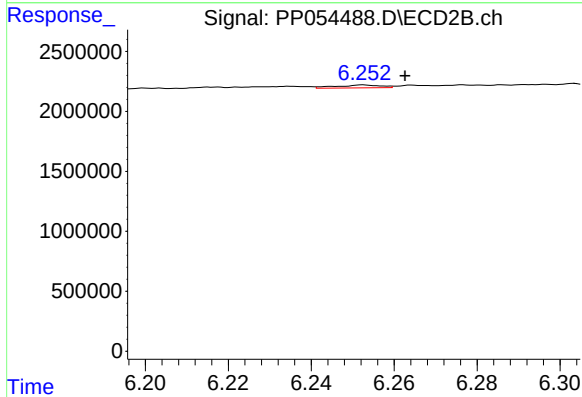
R.T.: 6.031 min
Delta R.T.: -0.003 min
Response: 145810
Conc: 1.26 ng/ml



#29 AR-1254-4

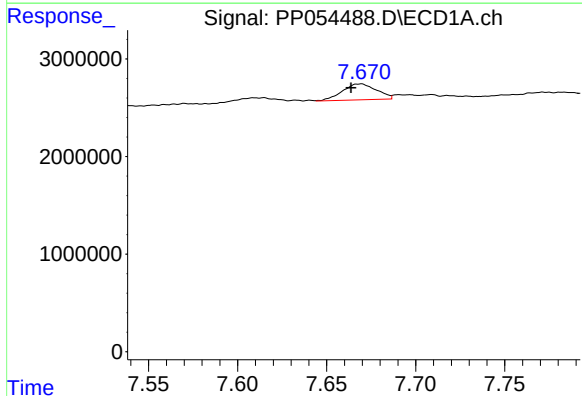
R.T.: 7.223 min
Delta R.T.: -0.020 min
Response: 97653
Conc: 1.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



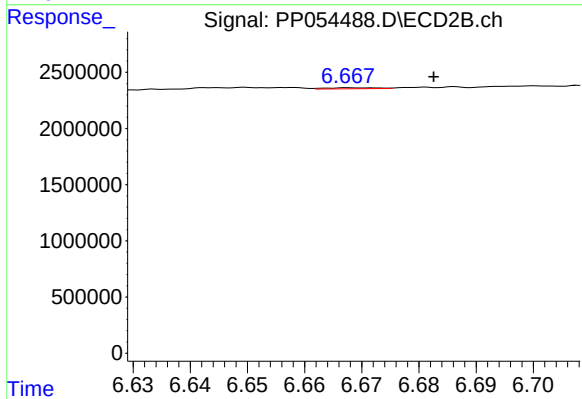
#29 AR-1254-4

R.T.: 6.253 min
Delta R.T.: -0.010 min
Response: 177276
Conc: 2.82 ng/ml



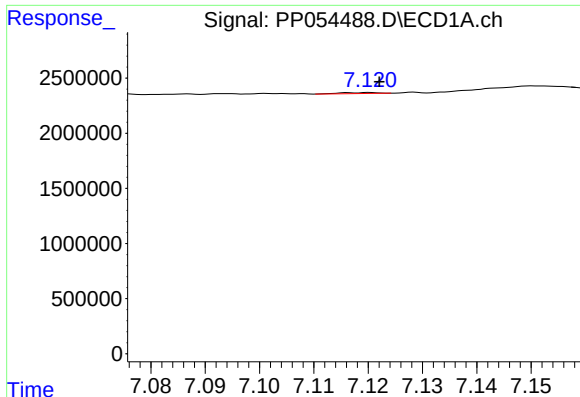
#30 AR-1254-5

R.T.: 7.669 min
Delta R.T.: 0.005 min
Response: 2183953
Conc: 28.73 ng/ml



#30 AR-1254-5

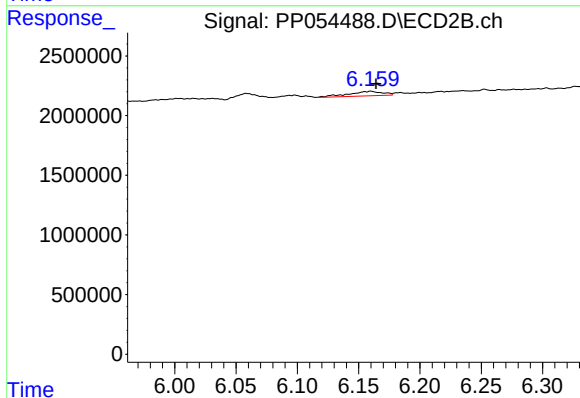
R.T.: 6.668 min
Delta R.T.: -0.014 min
Response: 60822
Conc: 0.64 ng/ml



#31 AR-1260-1

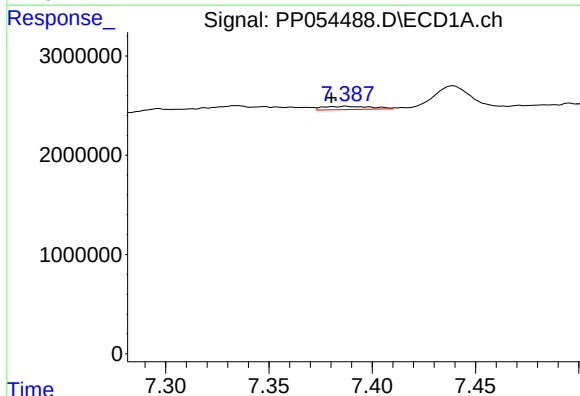
R.T.: 7.120 min
Delta R.T.: -0.002 min
Response: 40390
Conc: 0.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



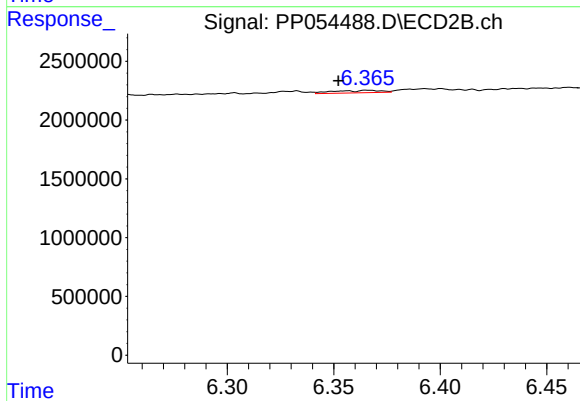
#31 AR-1260-1

R.T.: 6.160 min
Delta R.T.: -0.004 min
Response: 727179
Conc: 8.58 ng/ml



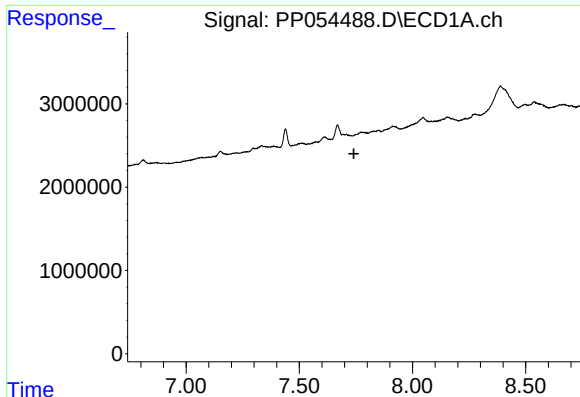
#32 AR-1260-2

R.T.: 7.387 min
Delta R.T.: 0.007 min
Response: 543211
Conc: 6.06 ng/ml



#32 AR-1260-2

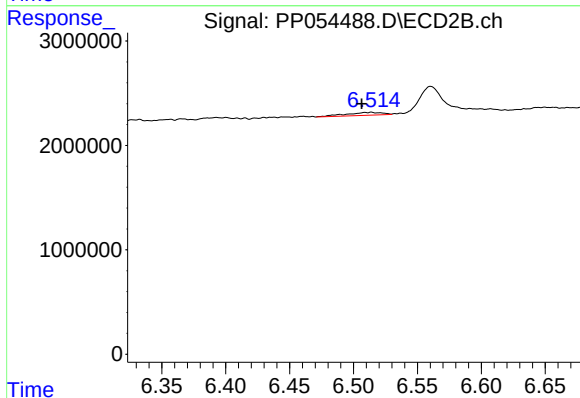
R.T.: 6.366 min
Delta R.T.: 0.014 min
Response: 317670
Conc: 3.32 ng/ml



#33 AR-1260-3

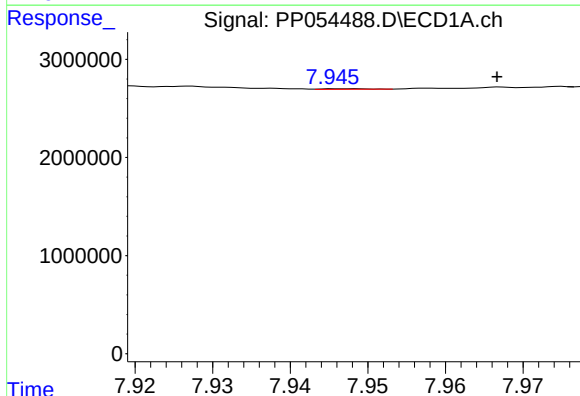
R.T.: 0.000 min
Exp R.T.: 7.741 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



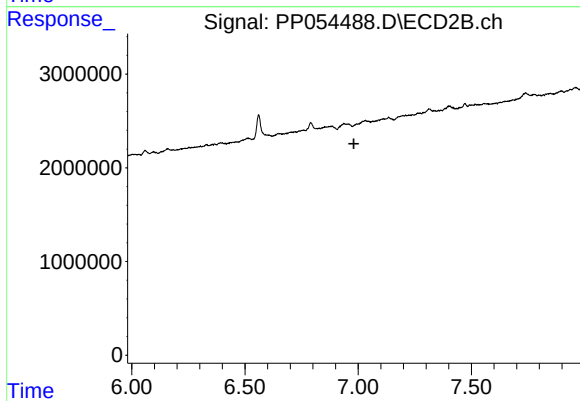
#33 AR-1260-3

R.T.: 6.514 min
Delta R.T.: 0.007 min
Response: 557440
Conc: 6.10 ng/ml



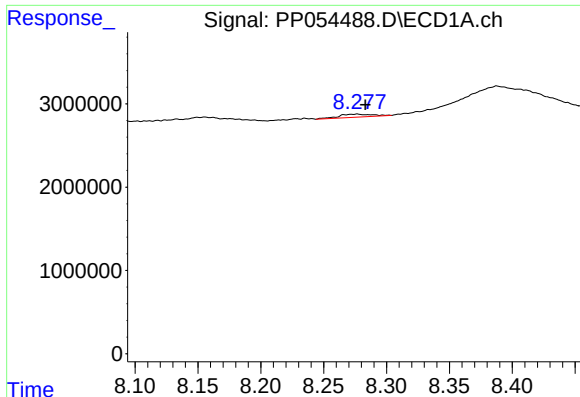
#34 AR-1260-4

R.T.: 7.947 min
Delta R.T.: -0.019 min
Response: 27225
Conc: 0.34 ng/ml



#34 AR-1260-4

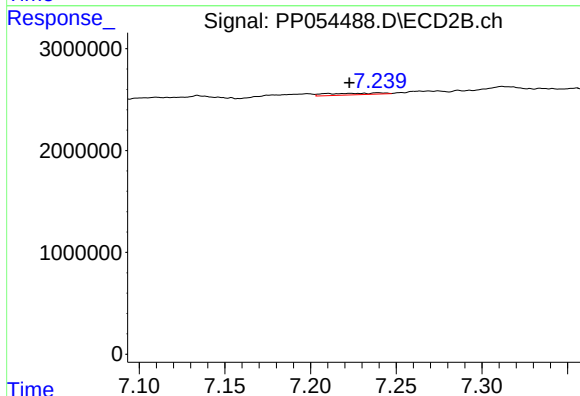
R.T.: 0.000 min
Exp R.T.: 6.981 min
Response: 0
Conc: N.D.



#35 AR-1260-5

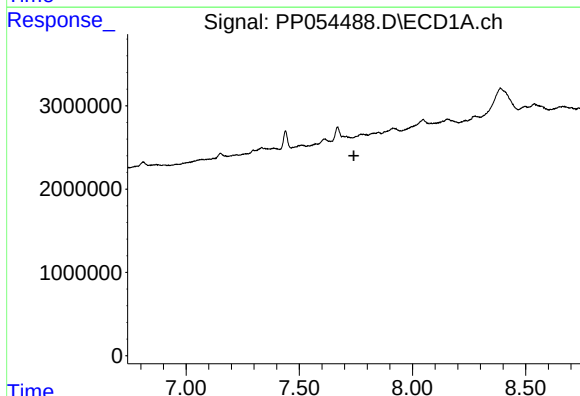
R.T.: 8.277 min
Delta R.T.: -0.006 min
Response: 666430
Conc: 4.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



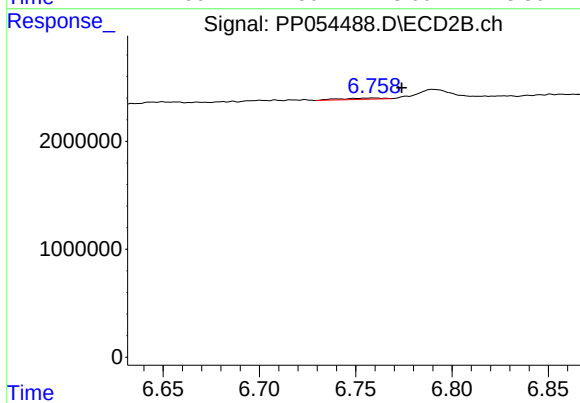
#35 AR-1260-5

R.T.: 7.239 min
Delta R.T.: 0.017 min
Response: 379054
Conc: 2.39 ng/ml



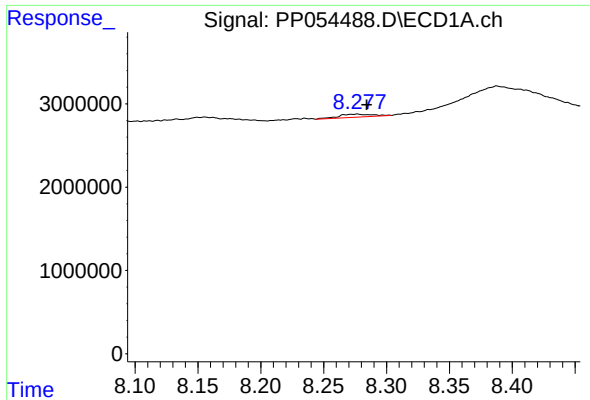
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.741 min
Response: 0
Conc: N.D.



#36 AR-1262-1

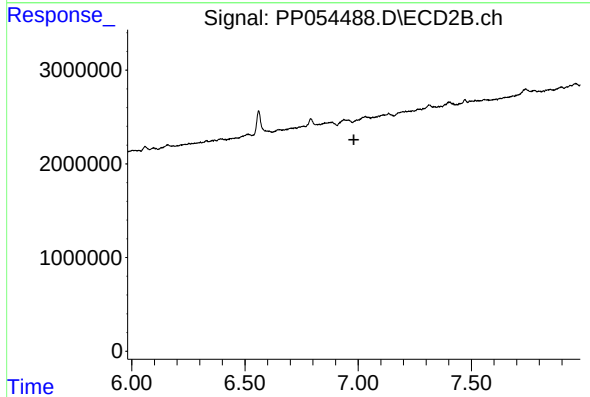
R.T.: 6.759 min
Delta R.T.: -0.015 min
Response: 182410
Conc: 4.47 ng/ml



#37 AR-1262-2

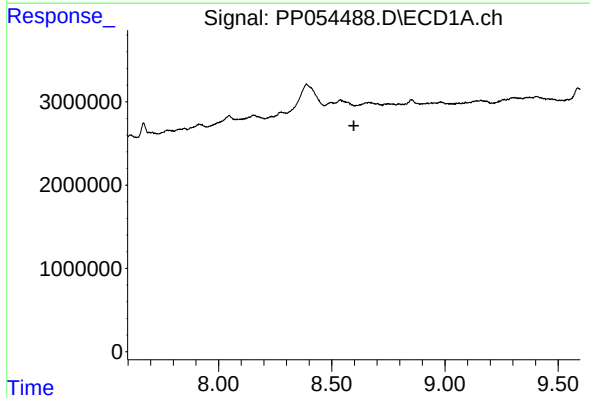
R.T.: 8.277 min
Delta R.T.: -0.007 min
Response: 666430
Conc: 4.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



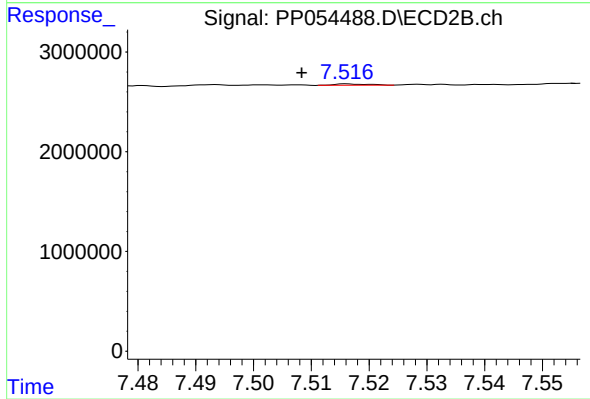
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 6.981 min
Response: 0
Conc: N.D.



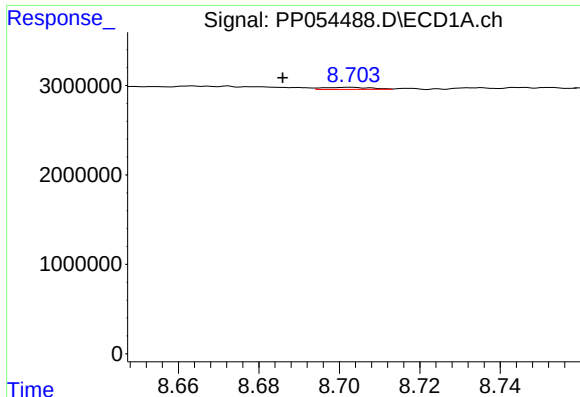
#38 AR-1262-3

R.T.: 8.609 min
Delta R.T.: 0.011 min
Response: -26129
Conc: N.D.



#38 AR-1262-3

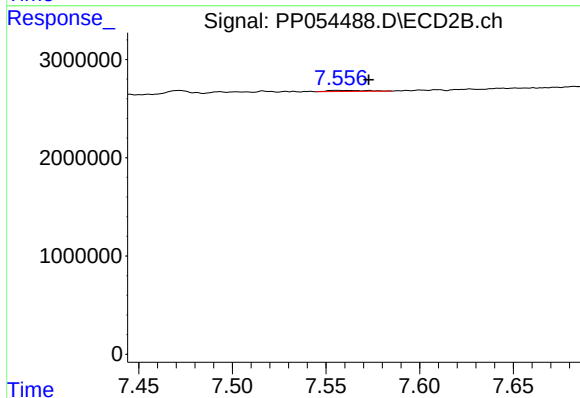
R.T.: 7.517 min
Delta R.T.: 0.008 min
Response: 50825
Conc: 0.76 ng/ml



#39 AR-1262-4

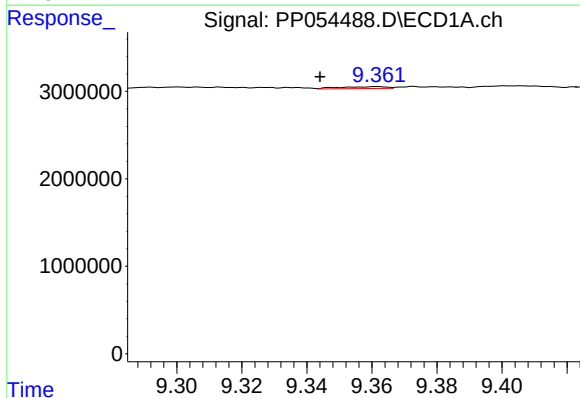
R.T.: 8.703 min
Delta R.T.: 0.017 min
Response: 190174
Conc: 3.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



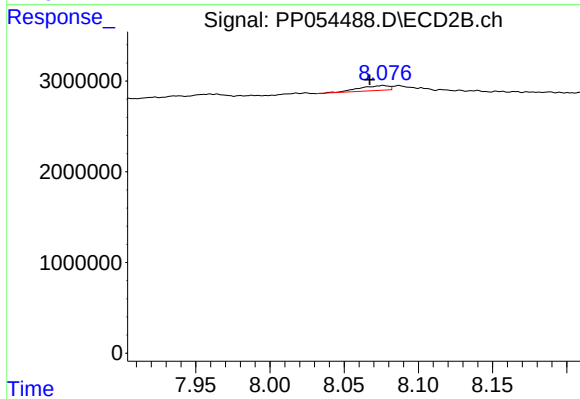
#39 AR-1262-4

R.T.: 7.555 min
Delta R.T.: -0.017 min
Response: 163080
Conc: 1.39 ng/ml



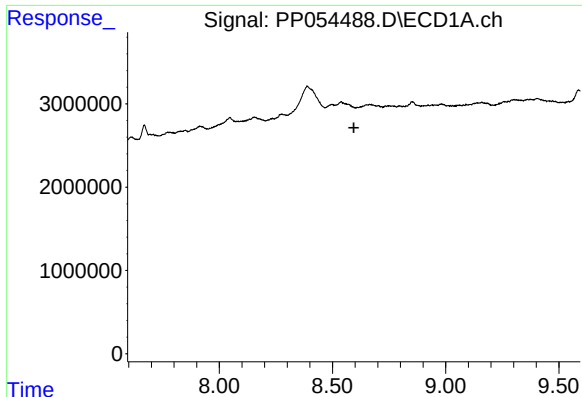
#40 AR-1262-5

R.T.: 9.362 min
Delta R.T.: 0.018 min
Response: 221926
Conc: 3.95 ng/ml



#40 AR-1262-5

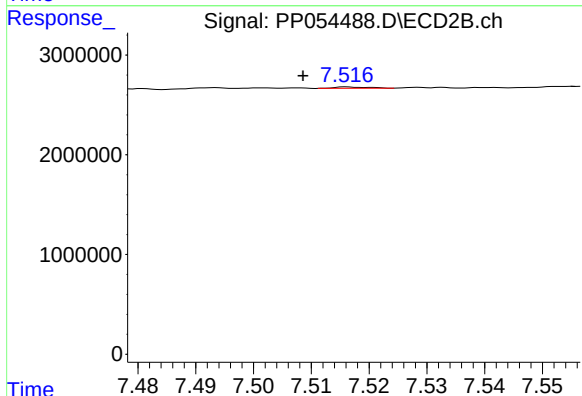
R.T.: 8.076 min
Delta R.T.: 0.009 min
Response: 752653
Conc: 13.66 ng/ml



#41 AR-1268-1

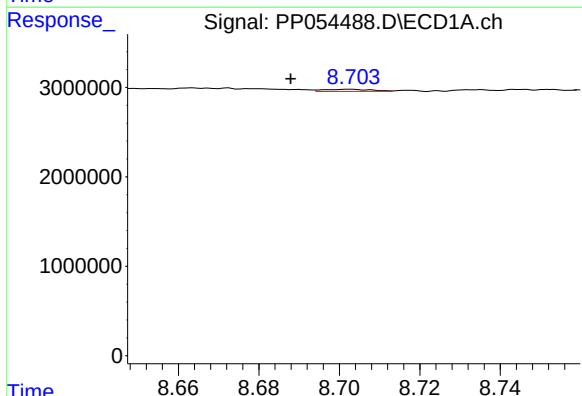
R.T.: 8.609 min
Delta R.T.: 0.015 min
Response: -26129
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



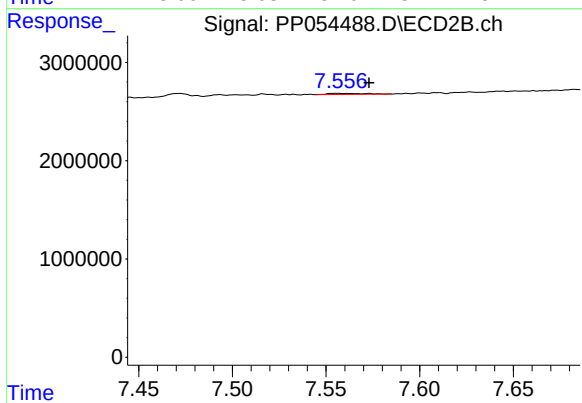
#41 AR-1268-1

R.T.: 7.517 min
Delta R.T.: 0.008 min
Response: 50825
Conc: 0.25 ng/ml



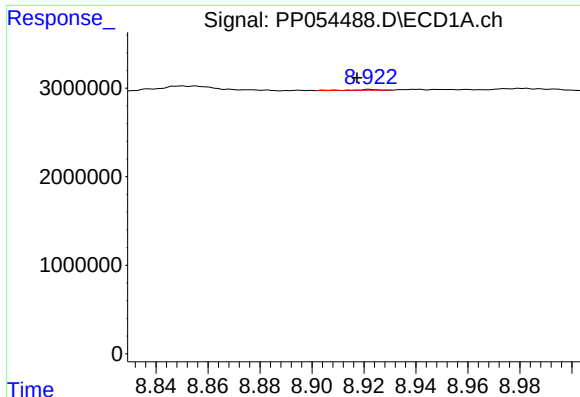
#42 AR-1268-2

R.T.: 8.703 min
Delta R.T.: 0.015 min
Response: 190174
Conc: 1.08 ng/ml



#42 AR-1268-2

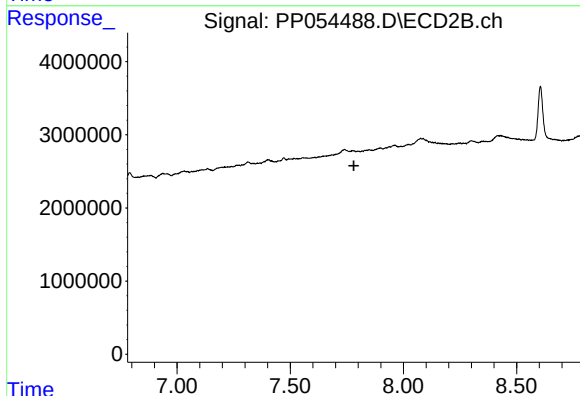
R.T.: 7.555 min
Delta R.T.: -0.018 min
Response: 163080
Conc: 0.89 ng/ml



#43 AR-1268-3

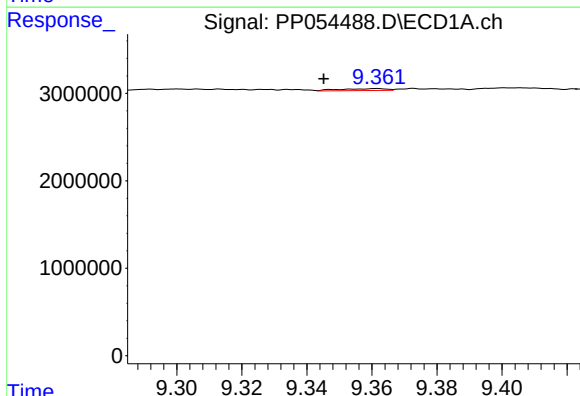
R.T.: 8.922 min
Delta R.T.: 0.005 min
Response: 53864
Conc: 0.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



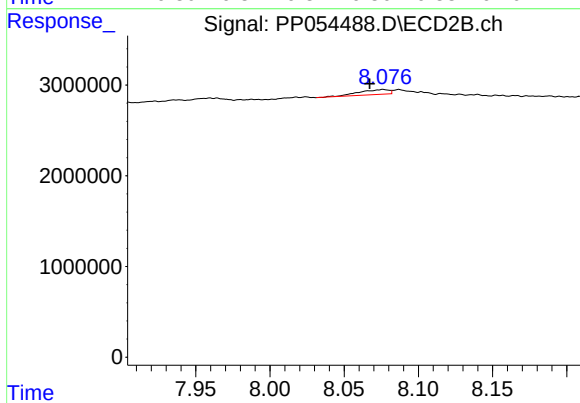
#43 AR-1268-3

R.T.: 7.777 min
Delta R.T.: -0.004 min
Response: -24283
Conc: N.D.



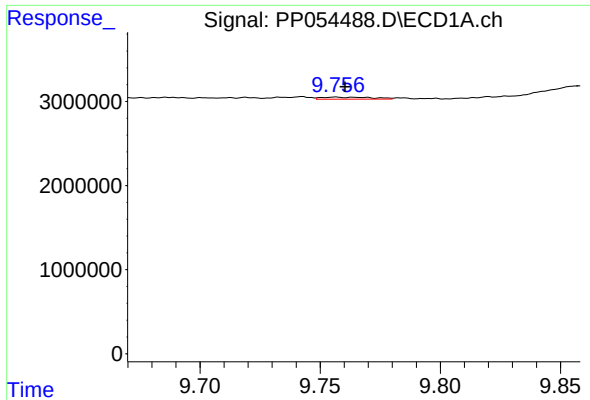
#44 AR-1268-4

R.T.: 9.362 min
Delta R.T.: 0.016 min
Response: 221926
Conc: 3.24 ng/ml



#44 AR-1268-4

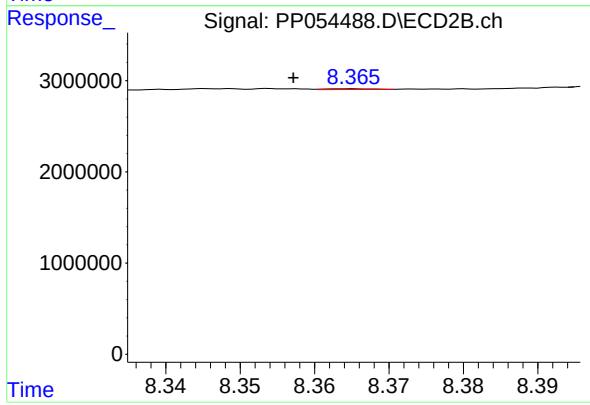
R.T.: 8.076 min
Delta R.T.: 0.009 min
Response: 752653
Conc: 11.91 ng/ml



#45 AR-1268-5

R.T.: 9.756 min
Delta R.T.: -0.004 min
Response: 347872
Conc: 0.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.365 min
Delta R.T.: 0.007 min
Response: 32002
Conc: 0.07 ng/ml