

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP011123\
 Data File : PP054467.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jan 2023 21:17
 Operator : YP\AJ
 Sample : 01111-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 12 00:02:56 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...	4.365f	3.627f	28297836	18487498	13.974	11.462
2)	SA Decachlor...	10.103	8.616	22892443	26426742	15.940	18.734
Target Compounds							
3)	L1 AR-1016-1	5.539f	4.671	172198	219999	2.330	4.228 #
4)	L1 AR-1016-2	5.539	4.671f	172198	219999	1.614	3.072 #
5)	L1 AR-1016-3	5.574f	4.883	16223435	10577	237.139	0.270 #
6)	L1 AR-1016-4	5.672f	4.894f	1402870	95855	26.945	2.785 #
7)	L1 AR-1016-5	6.006f	5.117	388383	93152	8.578	2.119 #
8)	L2 AR-1221-1	4.536	0.000	33115760	0	1377.286	N.D. #
9)	L2 AR-1221-2	0.000	3.907f	0	29272411	N.D.	1985.270 #
10)	L2 AR-1221-3	4.709	0.000	294835	0	5.470	N.D. #
11)	L3 AR-1232-1	4.709	0.000	294835	0	6.555	N.D. #
12)	L3 AR-1232-2	5.249	4.671f	3445511	219999	132.041	4.105 #
13)	L3 AR-1232-3	5.539	4.883	172198	10577	3.743	0.637 #
14)	L3 AR-1232-4	5.672f	4.963	1402870	661132	62.649	39.411 #
15)	L3 AR-1232-5	5.773	5.117	222932	93152	12.527	5.159 #
16)	L4 AR-1242-1	5.539f	4.671	172198	219999	2.900	5.211 #
17)	L4 AR-1242-2	5.539	4.671f	172198	219999	2.014	3.779 #
18)	L4 AR-1242-3	5.574f	4.883	16223435	10577	296.927	0.331 #
19)	L4 AR-1242-4	5.672f	4.963	1402870	661132	33.473	18.952 #
20)	L4 AR-1242-5	6.427	5.481	91944	120753	2.801	3.209
21)	L5 AR-1248-1	5.539f	4.671	172198	219999	3.835	6.763 #
22)	L5 AR-1248-2	5.773	4.894f	222932	95855	3.509	1.941 #
23)	L5 AR-1248-3	6.006f	4.963	388383	661132	6.552	12.811 #
24)	L5 AR-1248-4	6.395	5.117	79450	93152	1.372	1.578
25)	L5 AR-1248-5	6.427	5.523	91944	406345	1.657	8.193 #
26)	L6 AR-1254-1	6.360	5.481	68010	120753	1.095	1.408 #
27)	L6 AR-1254-2	6.565f	5.629	149908	423309	1.597	5.698 #
28)	L6 AR-1254-3	6.970	6.024	885415	281026	9.327	2.421 #
29)	L6 AR-1254-4	0.000	6.270	0	84215	N.D.	1.338 #
30)	L6 AR-1254-5	7.684f	6.705f	376815	155162	4.957	1.623 #
31)	L7 AR-1260-1	7.102f	6.159	338935	49141	4.348	0.580 #
32)	L7 AR-1260-2	7.400f	6.340	247564	540769	2.764	5.654 #
33)	L7 AR-1260-3	0.000	6.533f	0	335338	N.D.	3.669 #
34)	L7 AR-1260-4	7.977	6.994	425227	198346	5.337	2.617 #
35)	L7 AR-1260-5	8.295	7.222	173697	314290	1.211	1.984 #
36)	L8 AR-1262-1	0.000	6.770	0	195527	N.D.	4.789 #
37)	L8 AR-1262-2	8.295	6.994	173697	198346	1.227	2.291 #
38)	L8 AR-1262-3	0.000	7.533f	0	580651	N.D.	8.698 #
39)	L8 AR-1262-4	8.712f	7.579	228264	101119	4.509	0.864 #
40)	L8 AR-1262-5	9.319f	8.047f	415389	1584272	7.394	28.759 #
41)	L9 AR-1268-1	0.000	7.533f	0	580651	N.D.	2.859 #

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 12 00:02:56 2023
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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	8.712f	7.579	228264	101119	1.293	0.549 #
44) L9	AR-1268-4	9.319f	8.047f	415389	1584272	6.071	25.075 #
45) L9	AR-1268-5	9.769	8.354	210693	739627	0.413	1.511 #

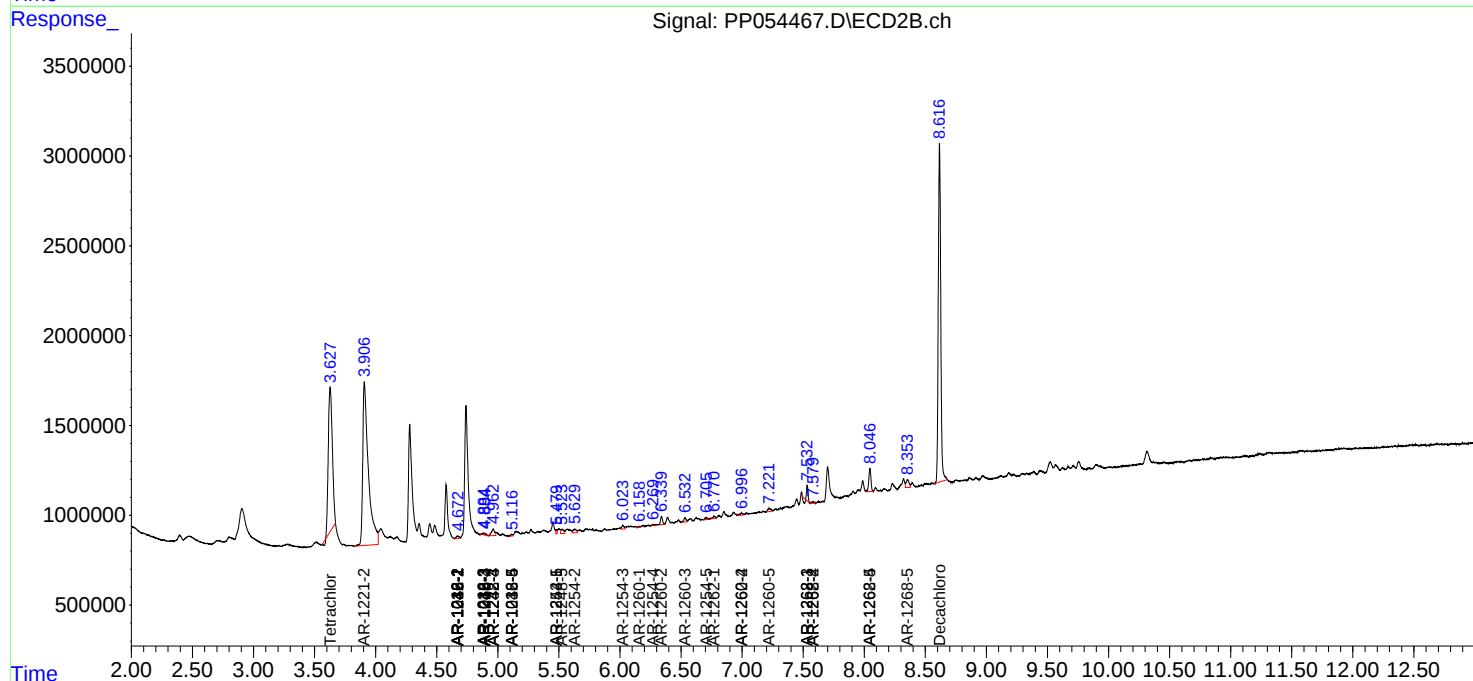
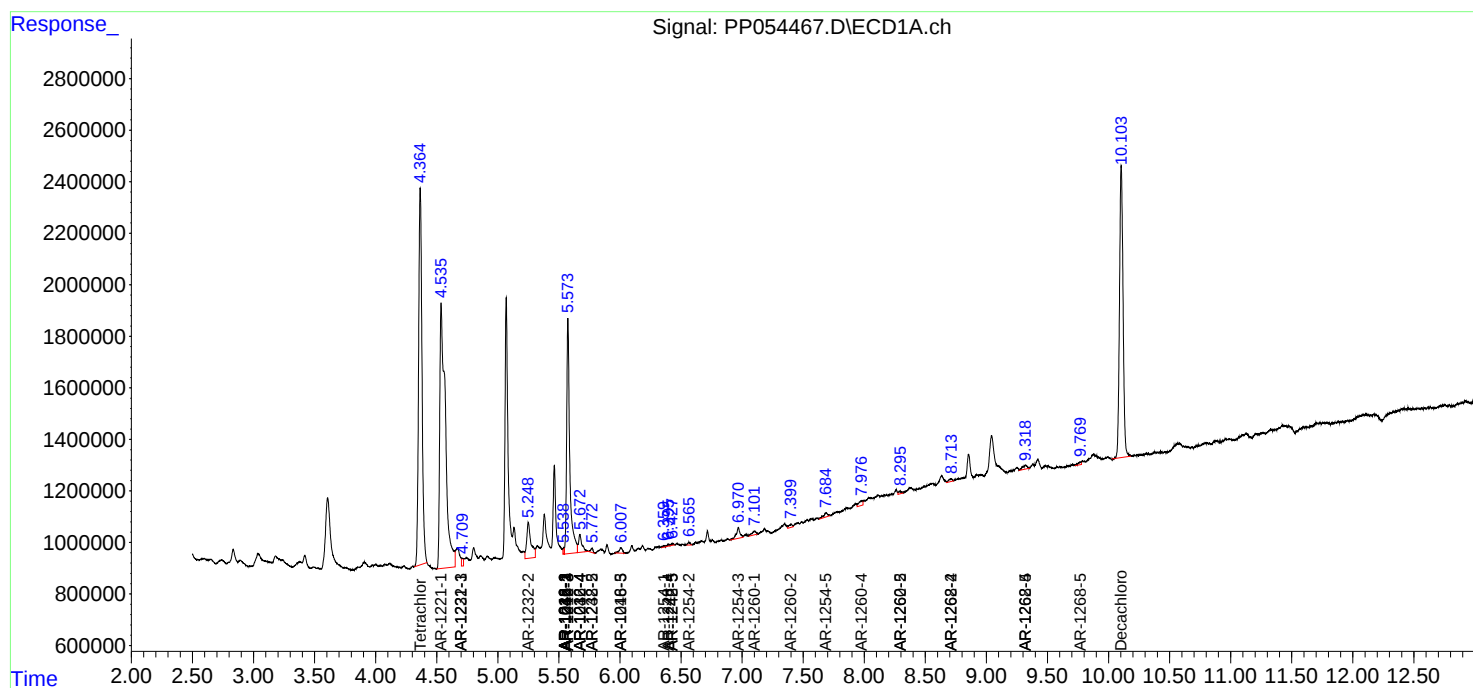
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

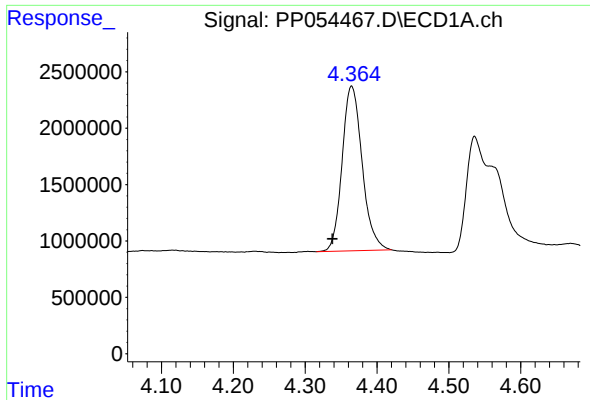
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Data File : PP054467.D
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

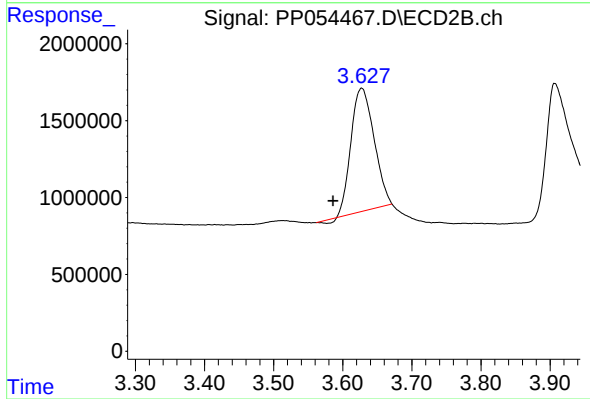




#1 Tetrachloro-m-xylene

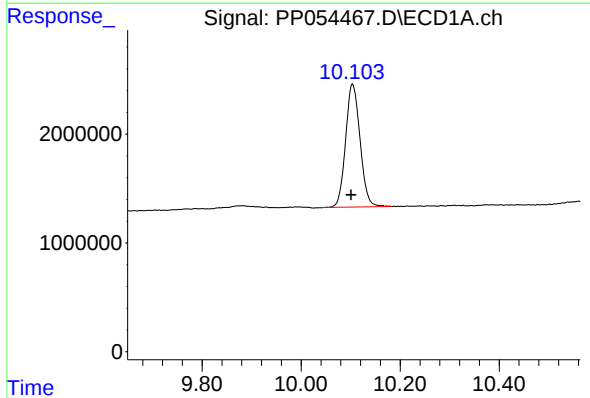
R.T.: 4.365 min
Delta R.T.: 0.027 min
Response: 28297836
Conc: 13.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



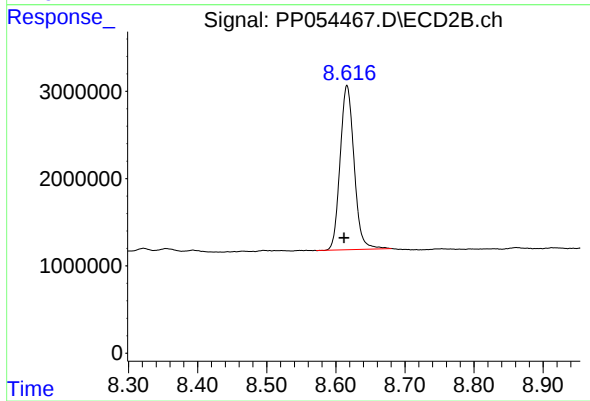
#1 Tetrachloro-m-xylene

R.T.: 3.627 min
Delta R.T.: 0.041 min
Response: 18487498
Conc: 11.46 ng/ml



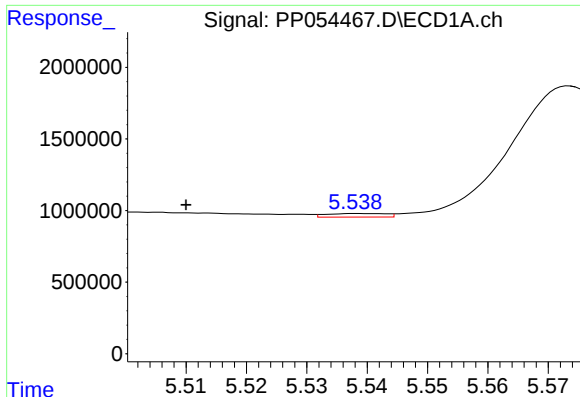
#2 Decachlorobiphenyl

R.T.: 10.103 min
Delta R.T.: 0.002 min
Response: 22892443
Conc: 15.94 ng/ml



#2 Decachlorobiphenyl

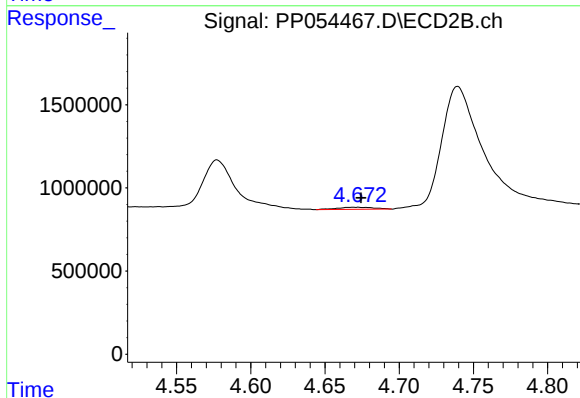
R.T.: 8.616 min
Delta R.T.: 0.004 min
Response: 26426742
Conc: 18.73 ng/ml



#3 AR-1016-1

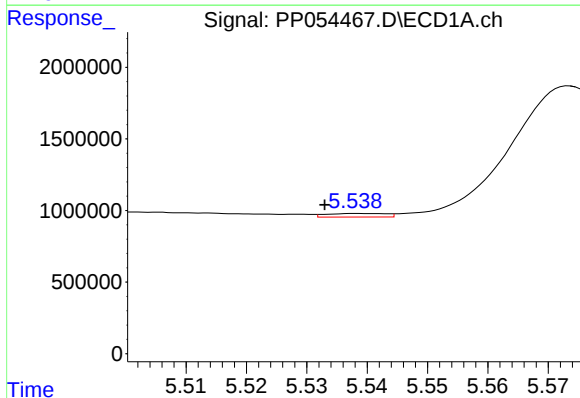
R.T.: 5.539 min
Delta R.T.: 0.029 min
Response: 172198
Conc: 2.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



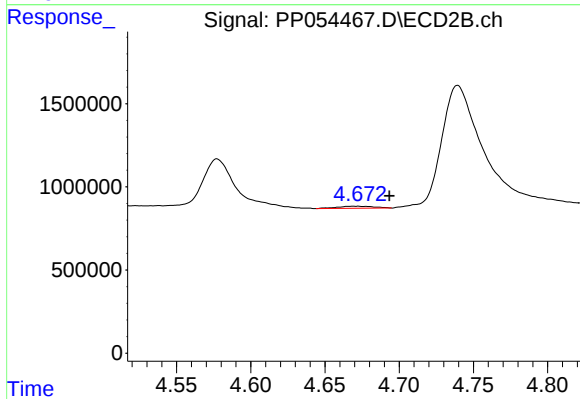
#3 AR-1016-1

R.T.: 4.671 min
Delta R.T.: -0.003 min
Response: 219999
Conc: 4.23 ng/ml



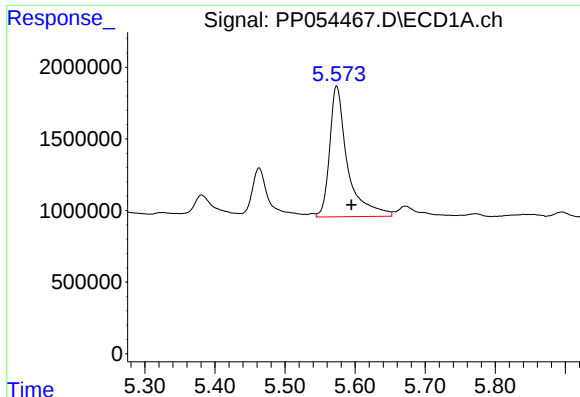
#4 AR-1016-2

R.T.: 5.539 min
Delta R.T.: 0.006 min
Response: 172198
Conc: 1.61 ng/ml



#4 AR-1016-2

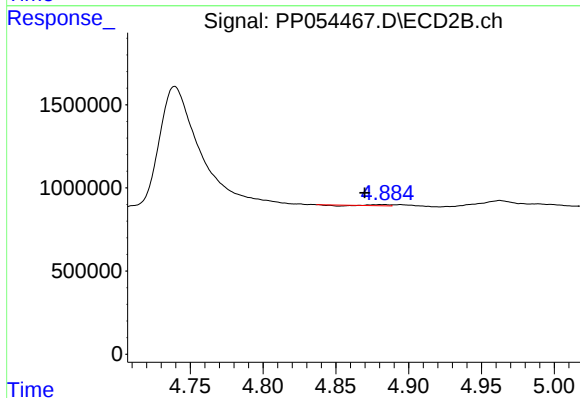
R.T.: 4.671 min
Delta R.T.: -0.022 min
Response: 219999
Conc: 3.07 ng/ml



#5 AR-1016-3

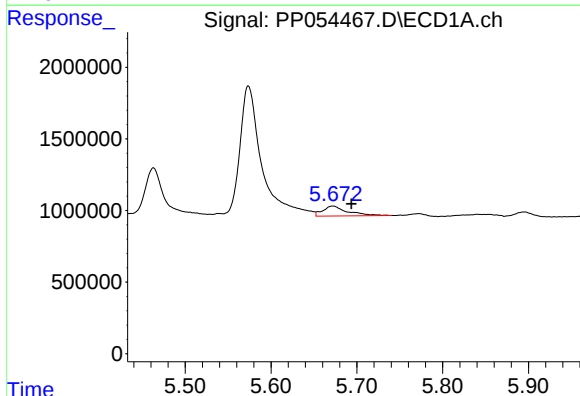
R.T.: 5.574 min
Delta R.T.: -0.021 min
Response: 16223435
Conc: 237.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



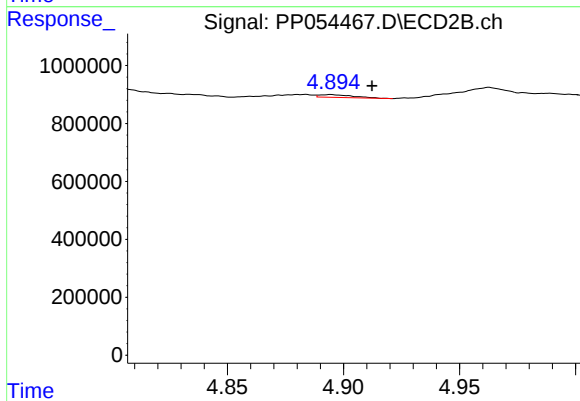
#5 AR-1016-3

R.T.: 4.883 min
Delta R.T.: 0.013 min
Response: 10577
Conc: 0.27 ng/ml



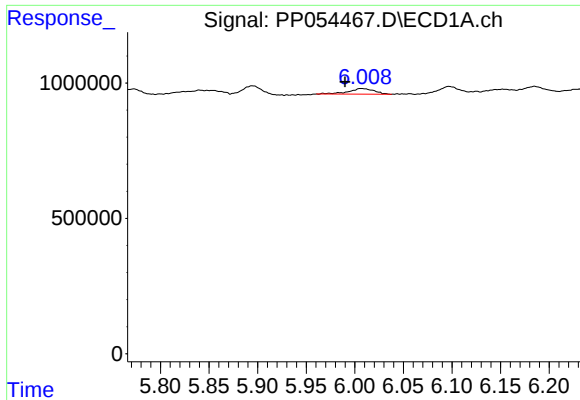
#6 AR-1016-4

R.T.: 5.672 min
Delta R.T.: -0.021 min
Response: 1402870
Conc: 26.94 ng/ml



#6 AR-1016-4

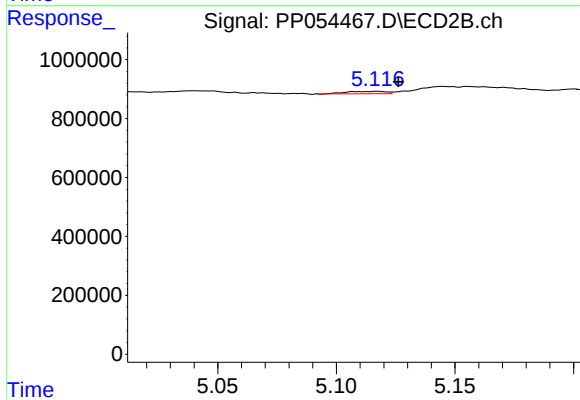
R.T.: 4.894 min
Delta R.T.: -0.018 min
Response: 95855
Conc: 2.79 ng/ml



#7 AR-1016-5

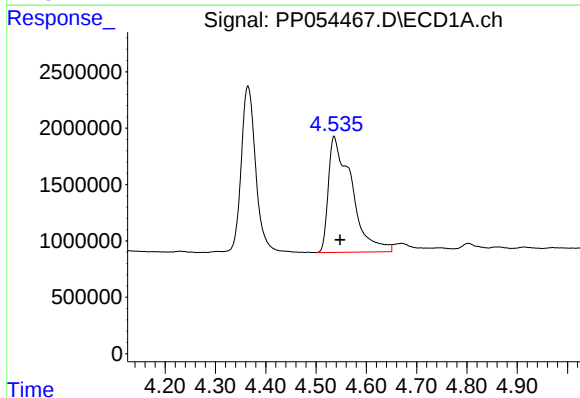
R.T.: 6.006 min
Delta R.T.: 0.017 min
Response: 388383
Conc: 8.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



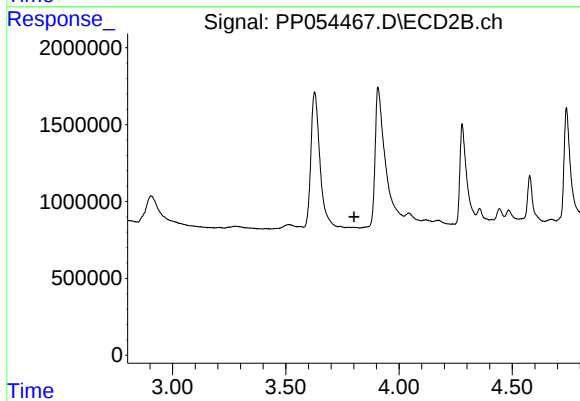
#7 AR-1016-5

R.T.: 5.117 min
Delta R.T.: -0.009 min
Response: 93152
Conc: 2.12 ng/ml



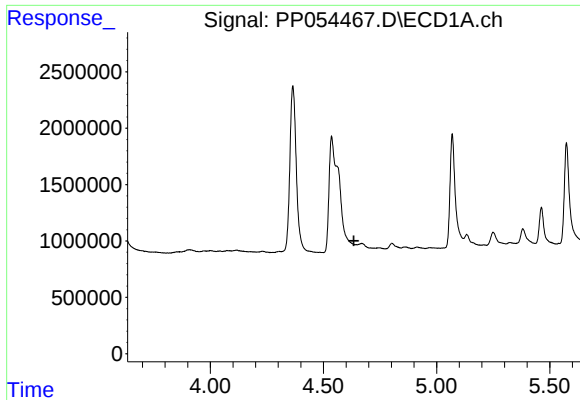
#8 AR-1221-1

R.T.: 4.536 min
Delta R.T.: -0.012 min
Response: 33115760
Conc: 1377.29 ng/ml



#8 AR-1221-1

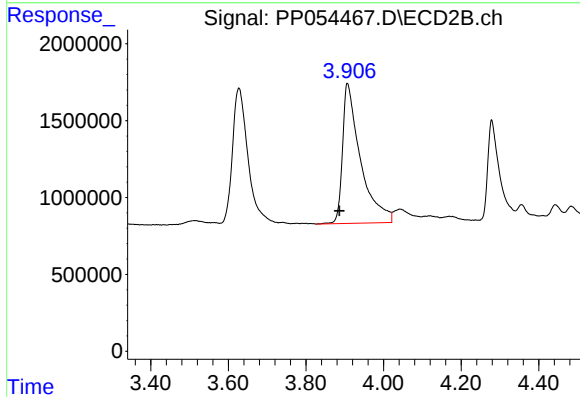
R.T.: 0.000 min
Exp R.T.: 3.801 min
Response: 0
Conc: N.D.



#9 AR-1221-2

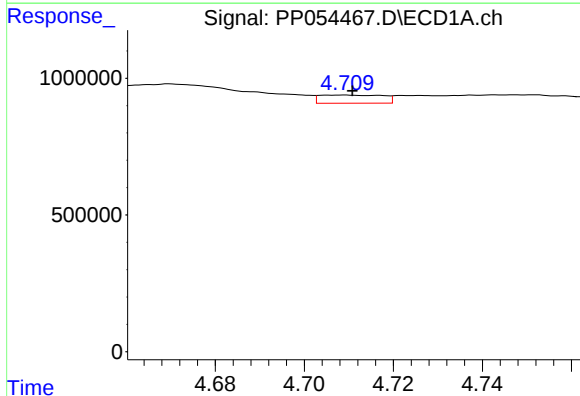
R.T.: 0.000 min
Exp R.T.: 4.634 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



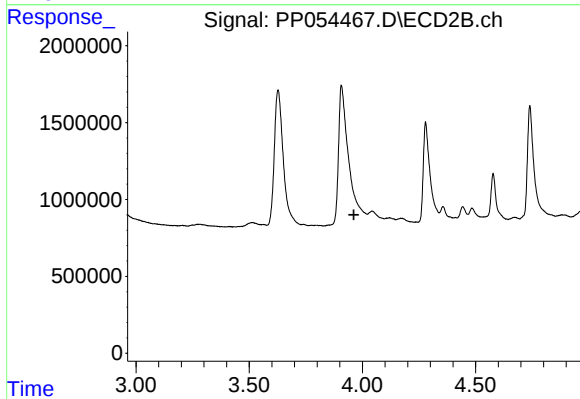
#9 AR-1221-2

R.T.: 3.907 min
Delta R.T.: 0.021 min
Response: 29272411
Conc: 1985.27 ng/ml



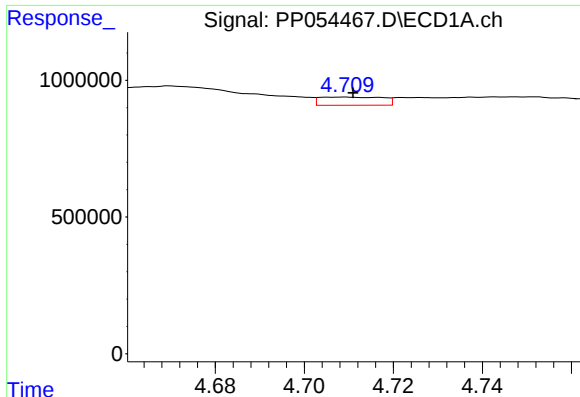
#10 AR-1221-3

R.T.: 4.709 min
Delta R.T.: -0.002 min
Response: 294835
Conc: 5.47 ng/ml



#10 AR-1221-3

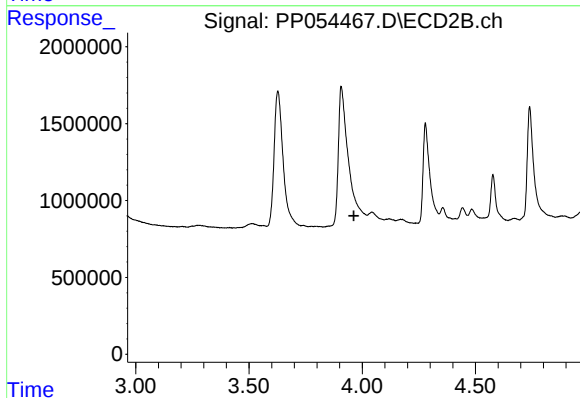
R.T.: 0.000 min
Exp R.T.: 3.963 min
Response: 0
Conc: N.D.



#11 AR-1232-1

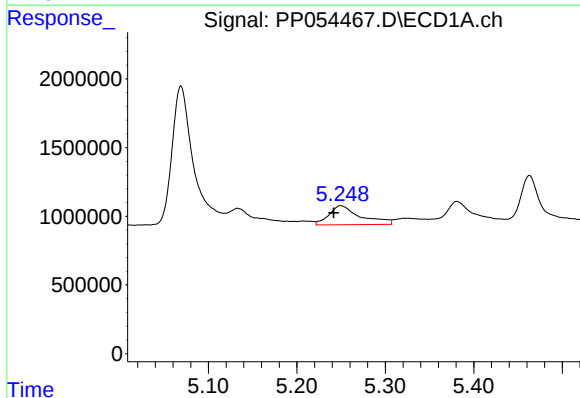
R.T.: 4.709 min
Delta R.T.: -0.002 min
Response: 294835
Conc: 6.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



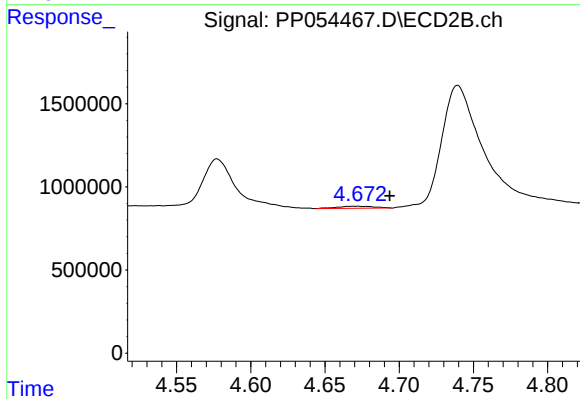
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.963 min
Response: 0
Conc: N.D.



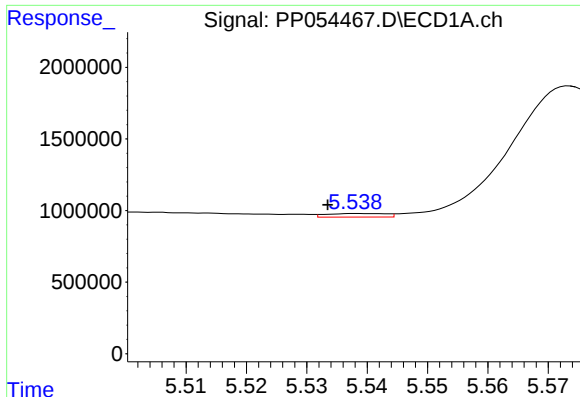
#12 AR-1232-2

R.T.: 5.249 min
Delta R.T.: 0.008 min
Response: 3445511
Conc: 132.04 ng/ml



#12 AR-1232-2

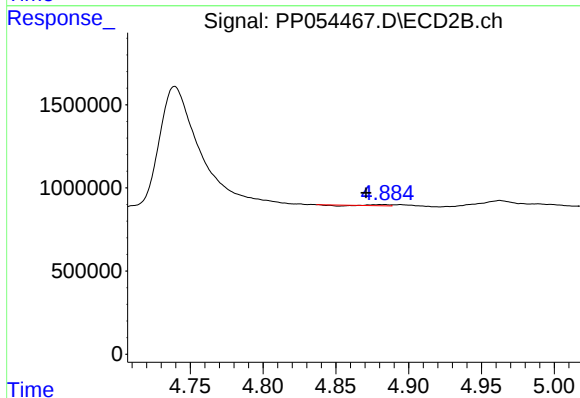
R.T.: 4.671 min
Delta R.T.: -0.022 min
Response: 219999
Conc: 4.10 ng/ml



#13 AR-1232-3

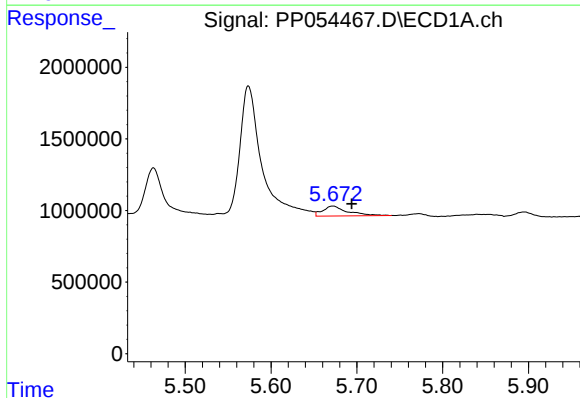
R.T.: 5.539 min
Delta R.T.: 0.005 min
Response: 172198
Conc: 3.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



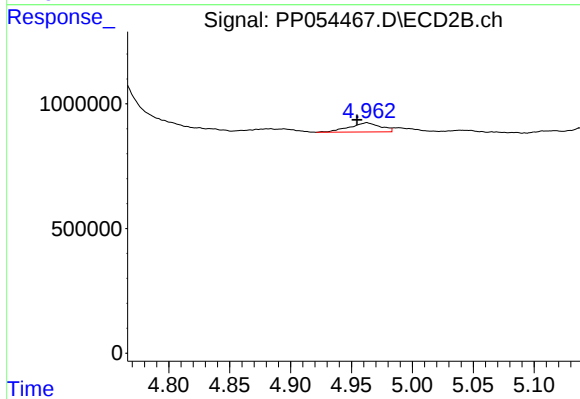
#13 AR-1232-3

R.T.: 4.883 min
Delta R.T.: 0.012 min
Response: 10577
Conc: 0.64 ng/ml



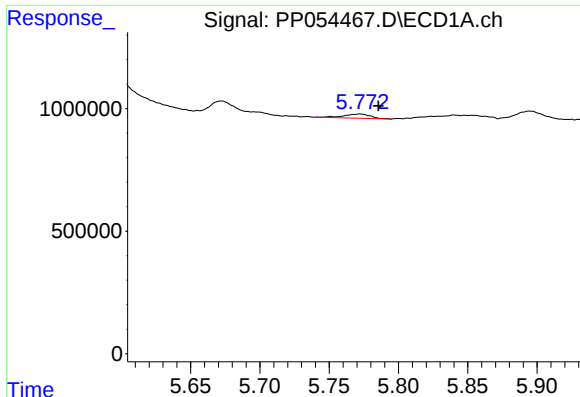
#14 AR-1232-4

R.T.: 5.672 min
Delta R.T.: -0.022 min
Response: 1402870
Conc: 62.65 ng/ml



#14 AR-1232-4

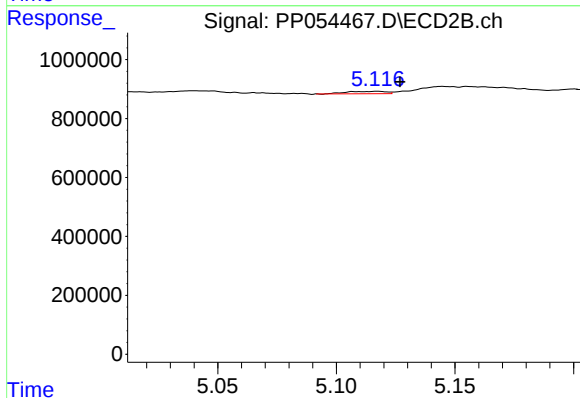
R.T.: 4.963 min
Delta R.T.: 0.008 min
Response: 661132
Conc: 39.41 ng/ml



#15 AR-1232-5

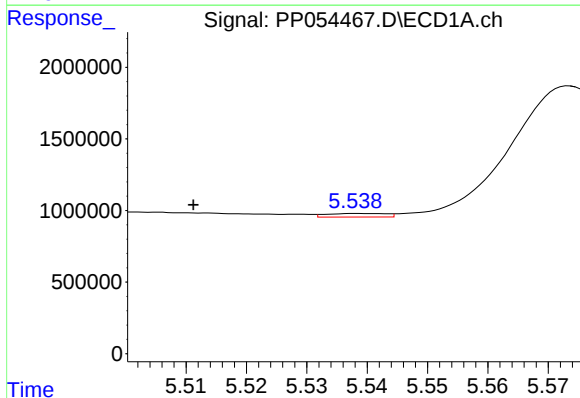
R.T.: 5.773 min
Delta R.T.: -0.013 min
Response: 222932
Conc: 12.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



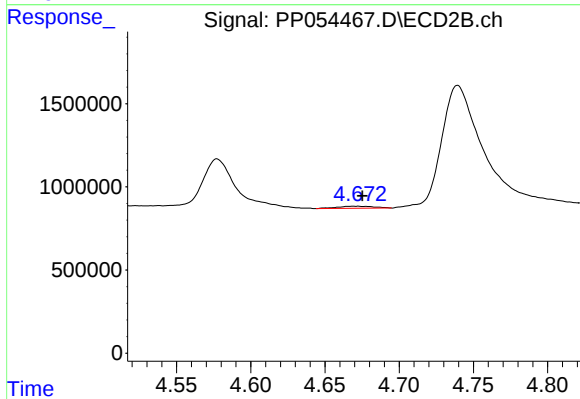
#15 AR-1232-5

R.T.: 5.117 min
Delta R.T.: -0.010 min
Response: 93152
Conc: 5.16 ng/ml



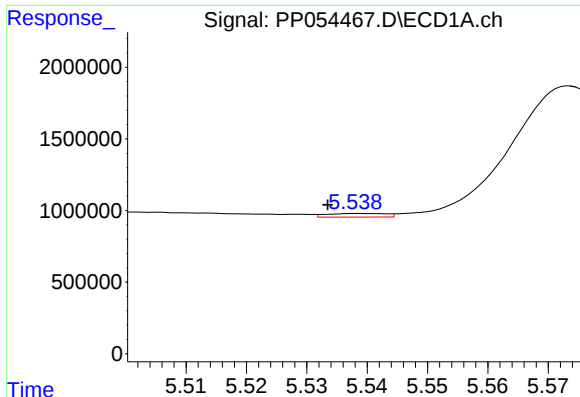
#16 AR-1242-1

R.T.: 5.539 min
Delta R.T.: 0.028 min
Response: 172198
Conc: 2.90 ng/ml



#16 AR-1242-1

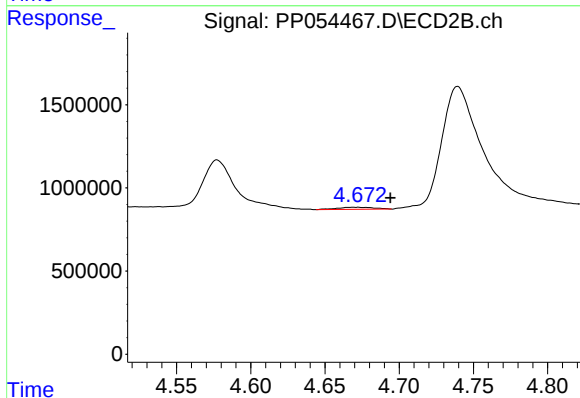
R.T.: 4.671 min
Delta R.T.: -0.004 min
Response: 219999
Conc: 5.21 ng/ml



#17 AR-1242-2

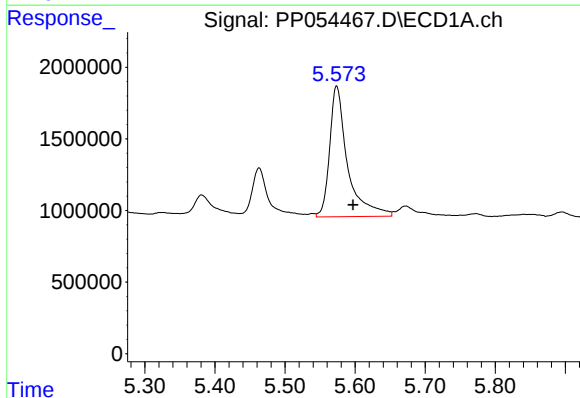
R.T.: 5.539 min
Delta R.T.: 0.005 min
Response: 172198
Conc: 2.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



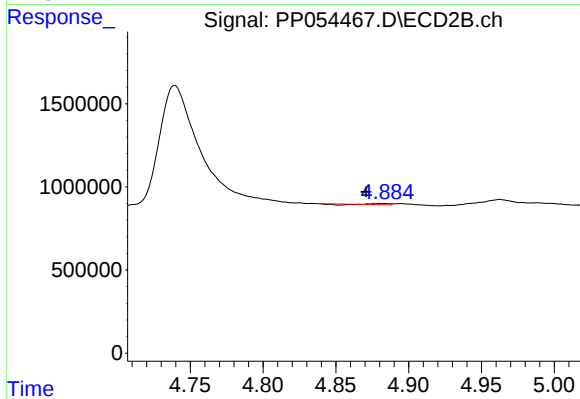
#17 AR-1242-2

R.T.: 4.671 min
Delta R.T.: -0.023 min
Response: 219999
Conc: 3.78 ng/ml



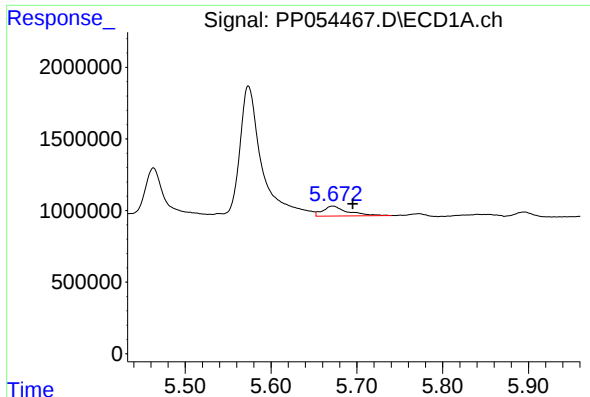
#18 AR-1242-3

R.T.: 5.574 min
Delta R.T.: -0.023 min
Response: 16223435
Conc: 296.93 ng/ml



#18 AR-1242-3

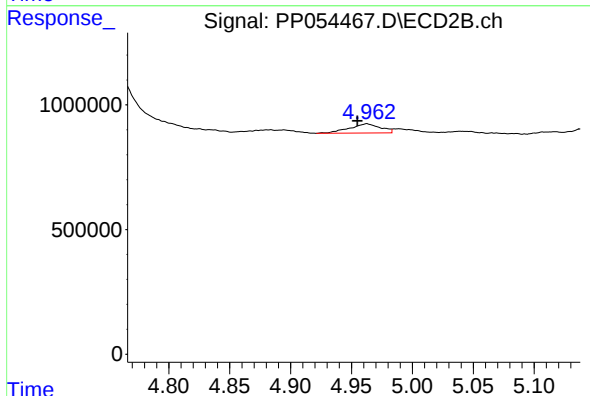
R.T.: 4.883 min
Delta R.T.: 0.012 min
Response: 10577
Conc: 0.33 ng/ml



#19 AR-1242-4

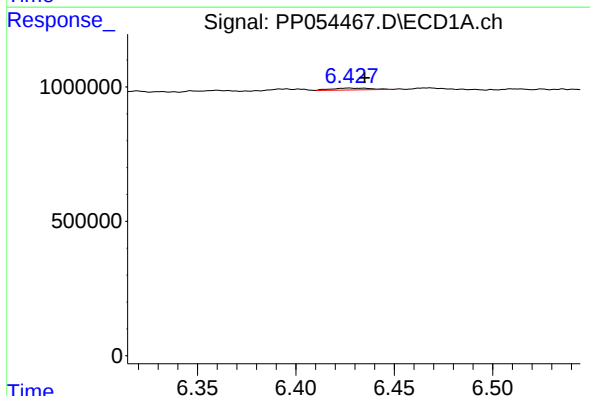
R.T.: 5.672 min
Delta R.T.: -0.023 min
Response: 1402870
Conc: 33.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



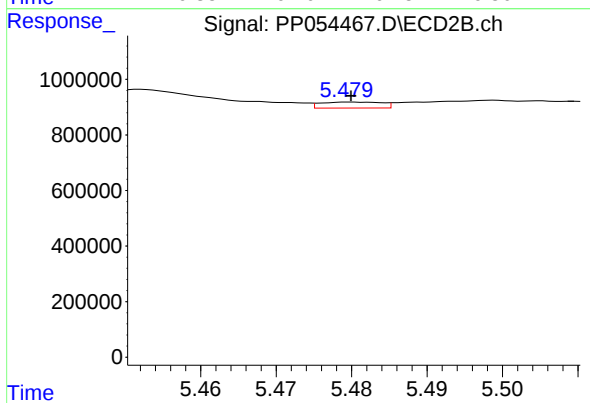
#19 AR-1242-4

R.T.: 4.963 min
Delta R.T.: 0.008 min
Response: 661132
Conc: 18.95 ng/ml



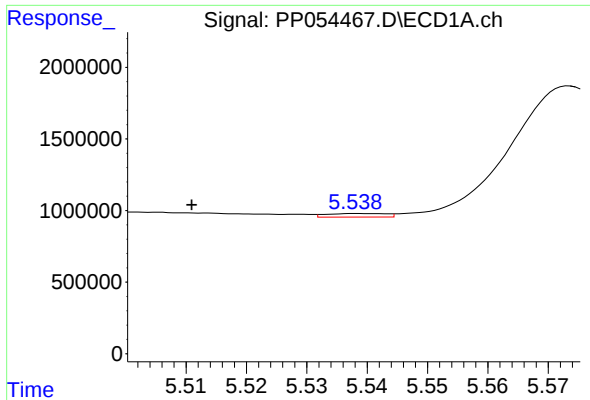
#20 AR-1242-5

R.T.: 6.427 min
Delta R.T.: -0.008 min
Response: 91944
Conc: 2.80 ng/ml



#20 AR-1242-5

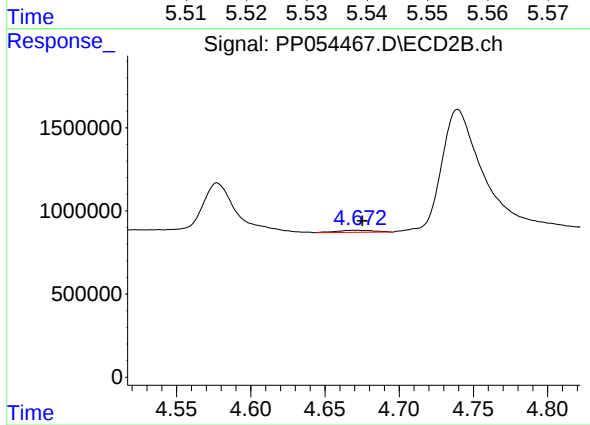
R.T.: 5.481 min
Delta R.T.: 0.000 min
Response: 120753
Conc: 3.21 ng/ml



#21 AR-1248-1

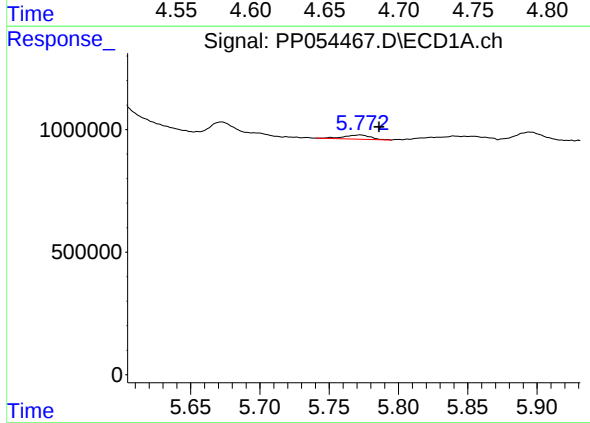
R.T.: 5.539 min
Delta R.T.: 0.028 min
Response: 172198
Conc: 3.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



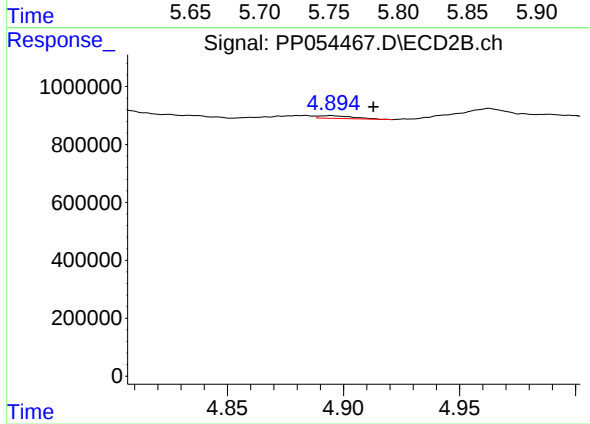
#21 AR-1248-1

R.T.: 4.671 min
Delta R.T.: -0.004 min
Response: 219999
Conc: 6.76 ng/ml



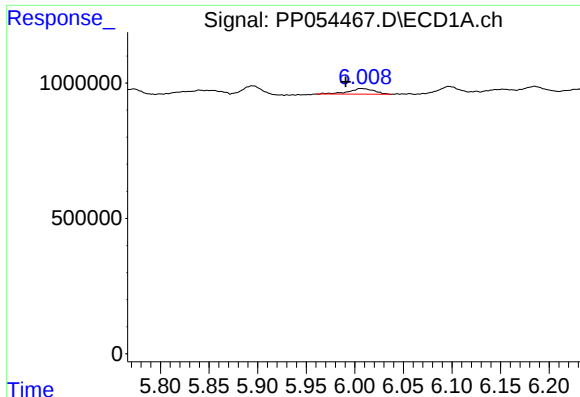
#22 AR-1248-2

R.T.: 5.773 min
Delta R.T.: -0.013 min
Response: 222932
Conc: 3.51 ng/ml



#22 AR-1248-2

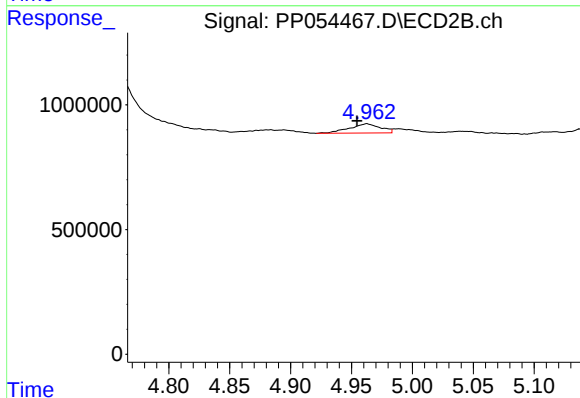
R.T.: 4.894 min
Delta R.T.: -0.018 min
Response: 95855
Conc: 1.94 ng/ml



#23 AR-1248-3

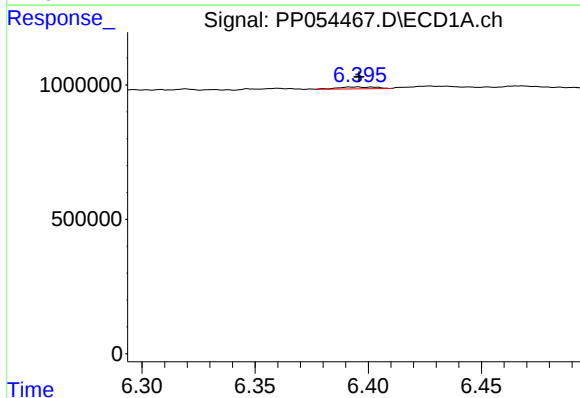
R.T.: 6.006 min
Delta R.T.: 0.016 min
Response: 388383
Conc: 6.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



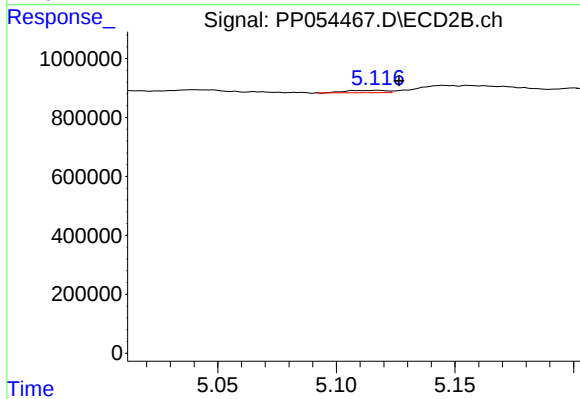
#23 AR-1248-3

R.T.: 4.963 min
Delta R.T.: 0.008 min
Response: 661132
Conc: 12.81 ng/ml



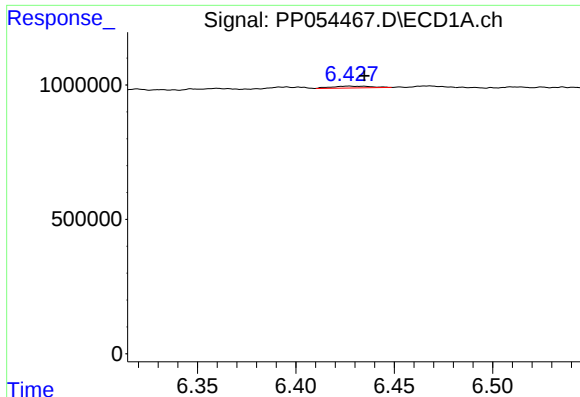
#24 AR-1248-4

R.T.: 6.395 min
Delta R.T.: -0.001 min
Response: 79450
Conc: 1.37 ng/ml



#24 AR-1248-4

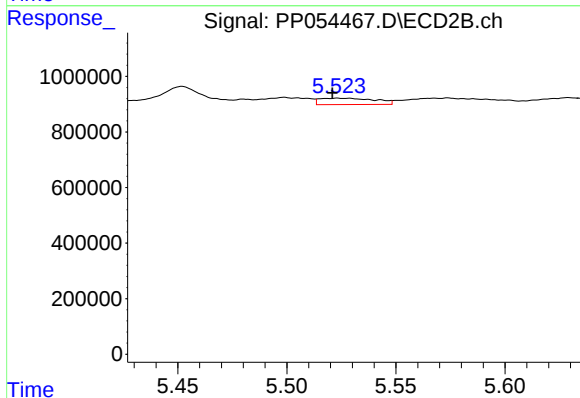
R.T.: 5.117 min
Delta R.T.: -0.009 min
Response: 93152
Conc: 1.58 ng/ml



#25 AR-1248-5

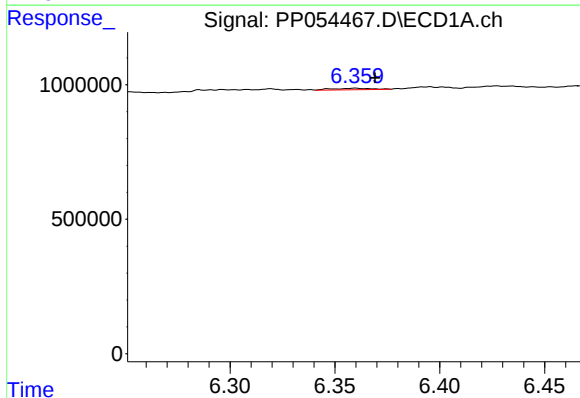
R.T.: 6.427 min
Delta R.T.: -0.008 min
Response: 91944
Conc: 1.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



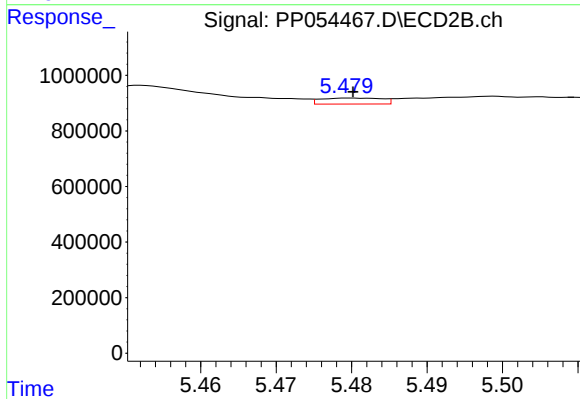
#25 AR-1248-5

R.T.: 5.523 min
Delta R.T.: 0.003 min
Response: 406345
Conc: 8.19 ng/ml



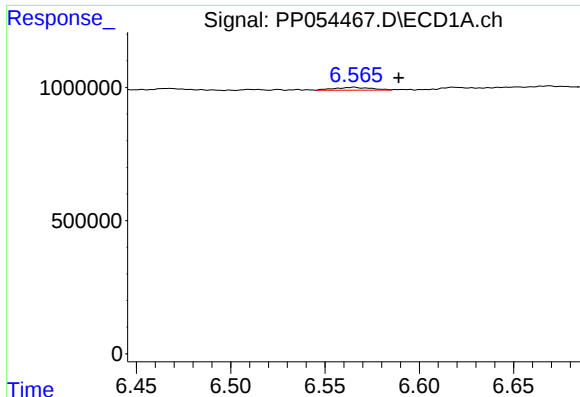
#26 AR-1254-1

R.T.: 6.360 min
Delta R.T.: -0.009 min
Response: 68010
Conc: 1.09 ng/ml



#26 AR-1254-1

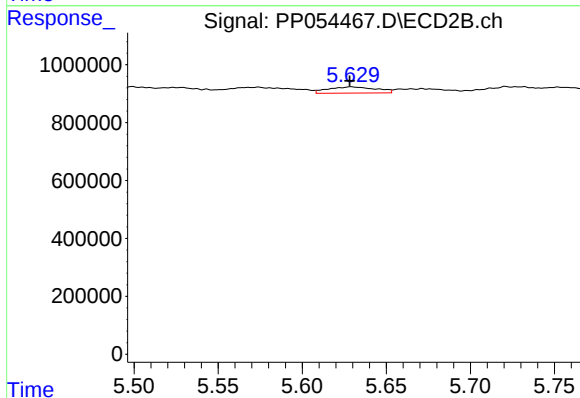
R.T.: 5.481 min
Delta R.T.: 0.000 min
Response: 120753
Conc: 1.41 ng/ml



#27 AR-1254-2

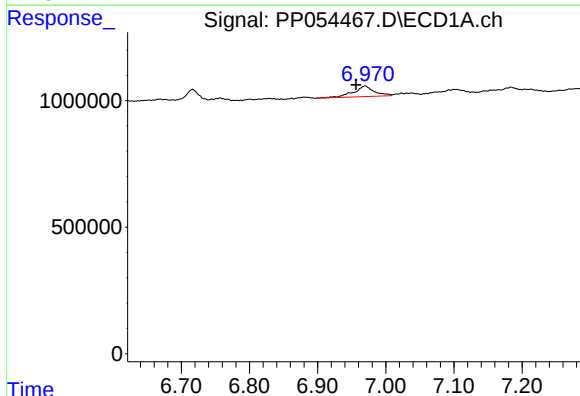
R.T.: 6.565 min
Delta R.T.: -0.024 min
Response: 149908
Conc: 1.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



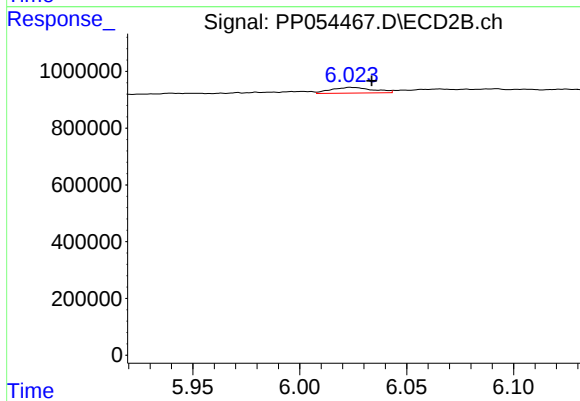
#27 AR-1254-2

R.T.: 5.629 min
Delta R.T.: 0.000 min
Response: 423309
Conc: 5.70 ng/ml



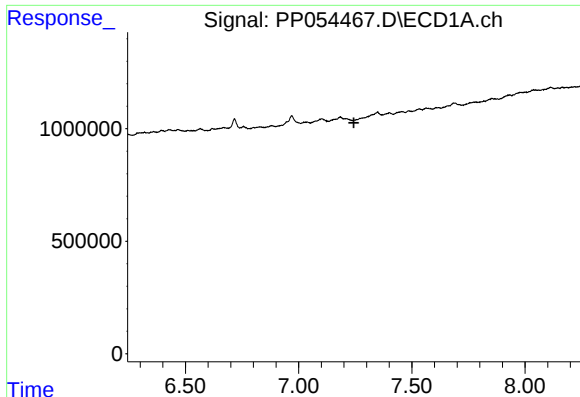
#28 AR-1254-3

R.T.: 6.970 min
Delta R.T.: 0.014 min
Response: 885415
Conc: 9.33 ng/ml



#28 AR-1254-3

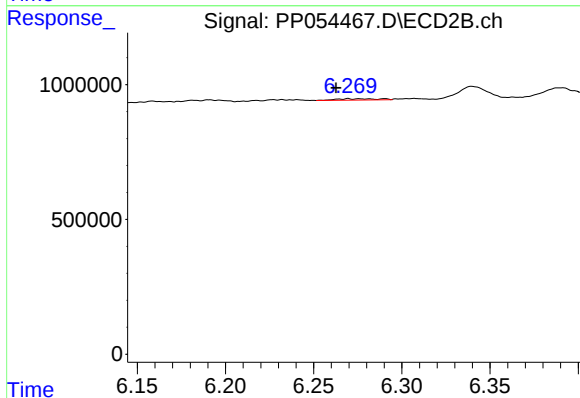
R.T.: 6.024 min
Delta R.T.: -0.010 min
Response: 281026
Conc: 2.42 ng/ml



#29 AR-1254-4

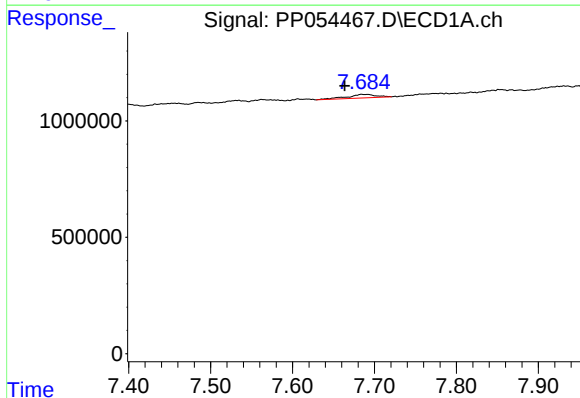
R.T.: 0.000 min
Exp R.T.: 7.244 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



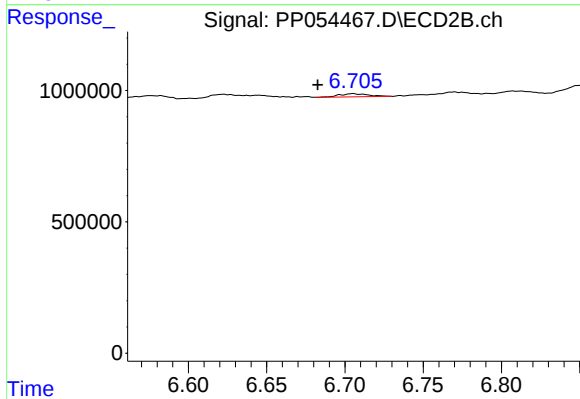
#29 AR-1254-4

R.T.: 6.270 min
Delta R.T.: 0.007 min
Response: 84215
Conc: 1.34 ng/ml



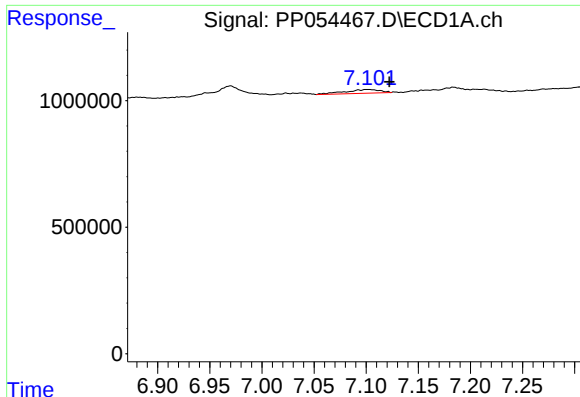
#30 AR-1254-5

R.T.: 7.684 min
Delta R.T.: 0.021 min
Response: 376815
Conc: 4.96 ng/ml



#30 AR-1254-5

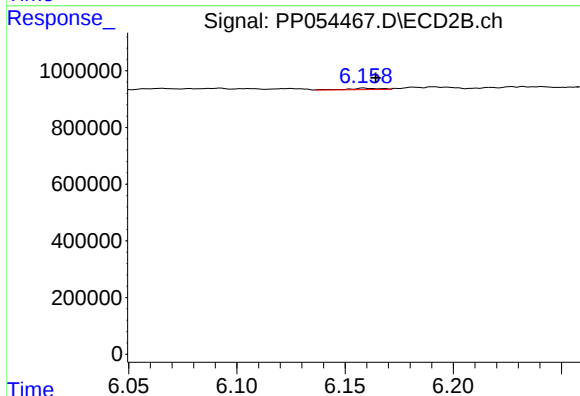
R.T.: 6.705 min
Delta R.T.: 0.022 min
Response: 155162
Conc: 1.62 ng/ml



#31 AR-1260-1

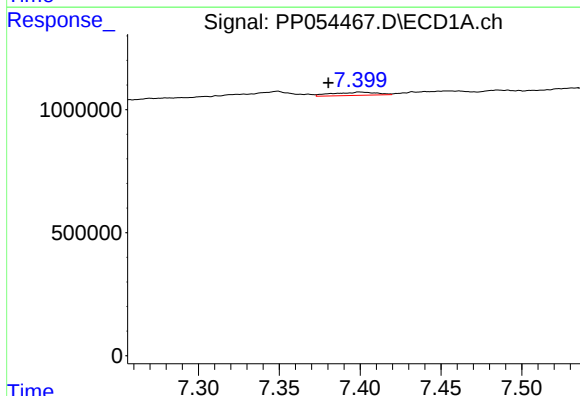
R.T.: 7.102 min
Delta R.T.: -0.020 min
Response: 338935
Conc: 4.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



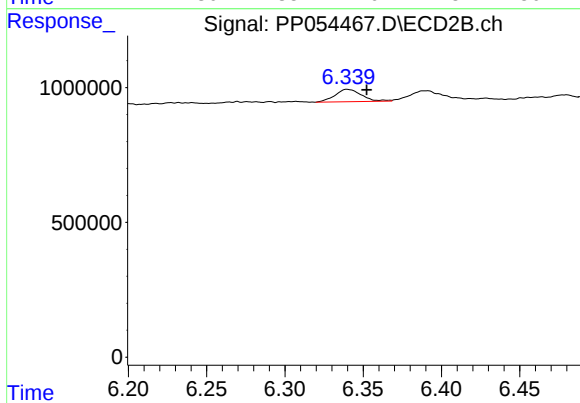
#31 AR-1260-1

R.T.: 6.159 min
Delta R.T.: -0.005 min
Response: 49141
Conc: 0.58 ng/ml



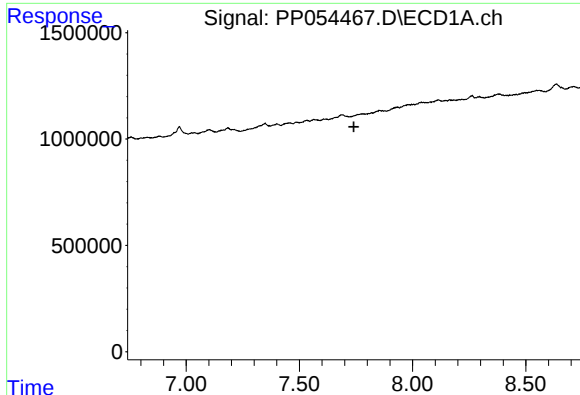
#32 AR-1260-2

R.T.: 7.400 min
Delta R.T.: 0.020 min
Response: 247564
Conc: 2.76 ng/ml



#32 AR-1260-2

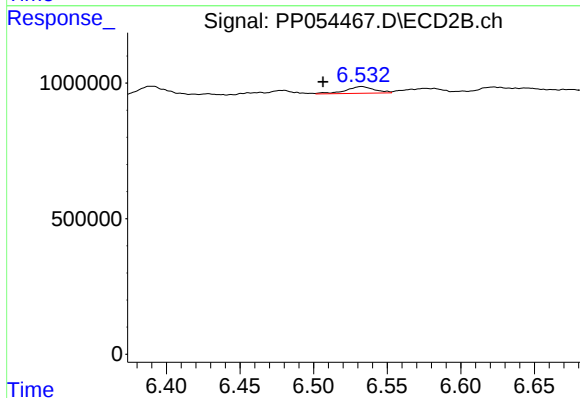
R.T.: 6.340 min
Delta R.T.: -0.012 min
Response: 540769
Conc: 5.65 ng/ml



#33 AR-1260-3

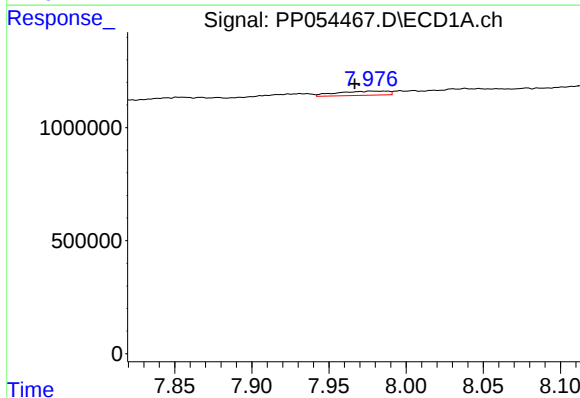
R.T.: 0.000 min
Exp R.T.: 7.741 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



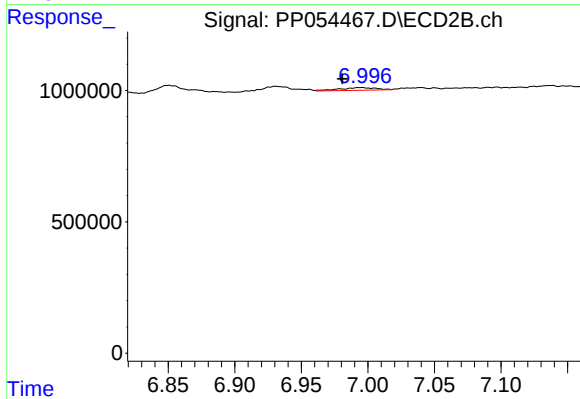
#33 AR-1260-3

R.T.: 6.533 min
Delta R.T.: 0.026 min
Response: 335338
Conc: 3.67 ng/ml



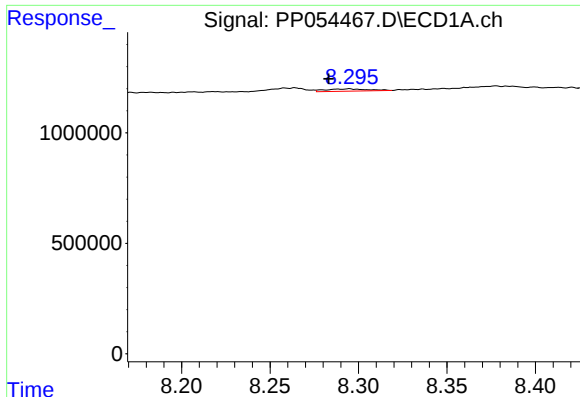
#34 AR-1260-4

R.T.: 7.977 min
Delta R.T.: 0.011 min
Response: 425227
Conc: 5.34 ng/ml



#34 AR-1260-4

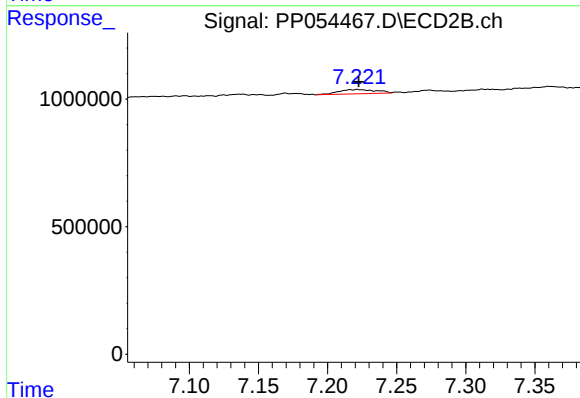
R.T.: 6.994 min
Delta R.T.: 0.014 min
Response: 198346
Conc: 2.62 ng/ml



#35 AR-1260-5

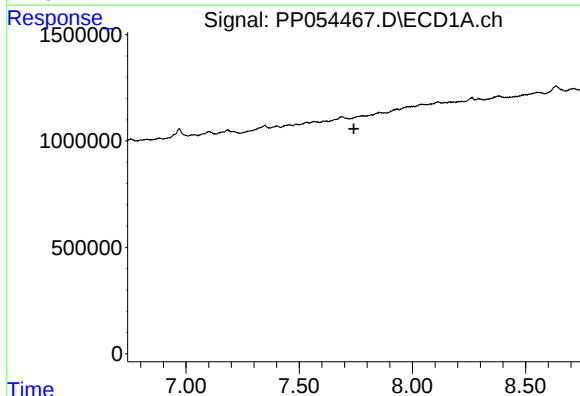
R.T.: 8.295 min
Delta R.T.: 0.012 min
Response: 173697
Conc: 1.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



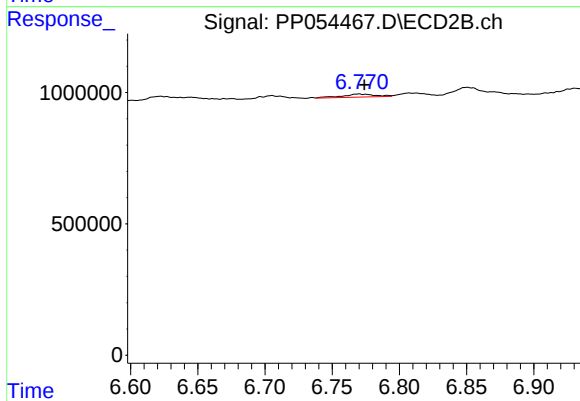
#35 AR-1260-5

R.T.: 7.222 min
Delta R.T.: 0.000 min
Response: 314290
Conc: 1.98 ng/ml



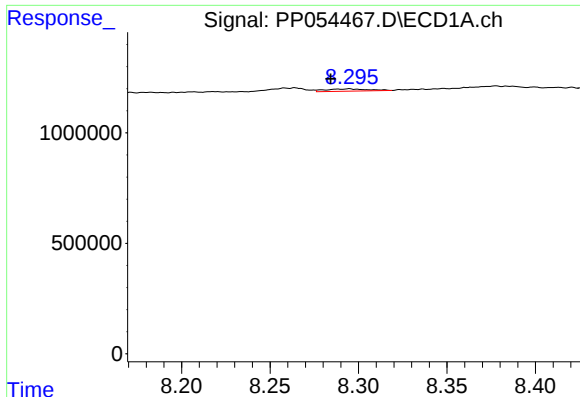
#36 AR-1262-1

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



#36 AR-1262-1

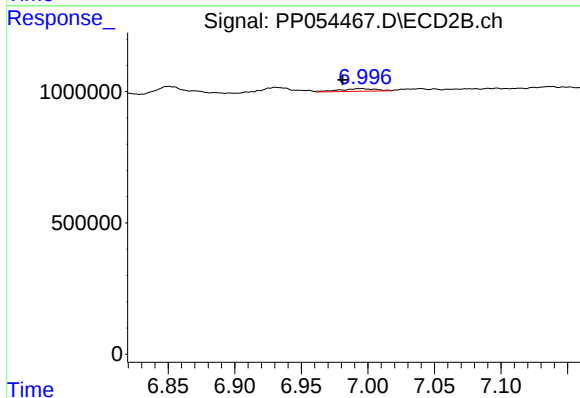
R.T.: 6.770 min
Delta R.T.: -0.004 min
Response: 195527
Conc: 4.79 ng/ml



#37 AR-1262-2

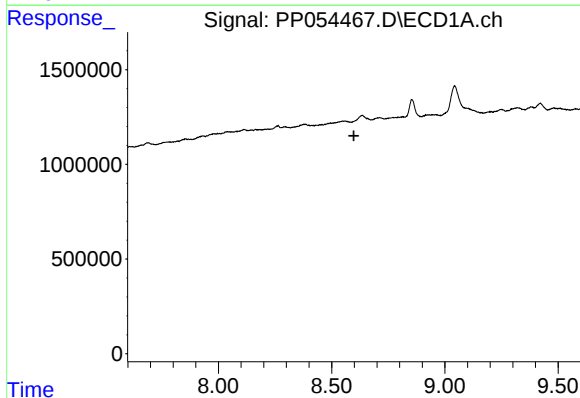
R.T.: 8.295 min
Delta R.T.: 0.011 min
Response: 173697
Conc: 1.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



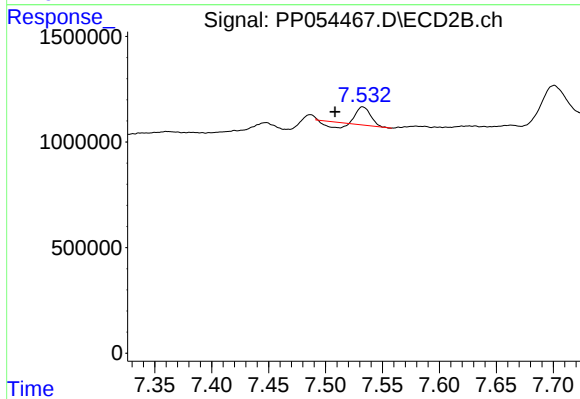
#37 AR-1262-2

R.T.: 6.994 min
Delta R.T.: 0.013 min
Response: 198346
Conc: 2.29 ng/ml



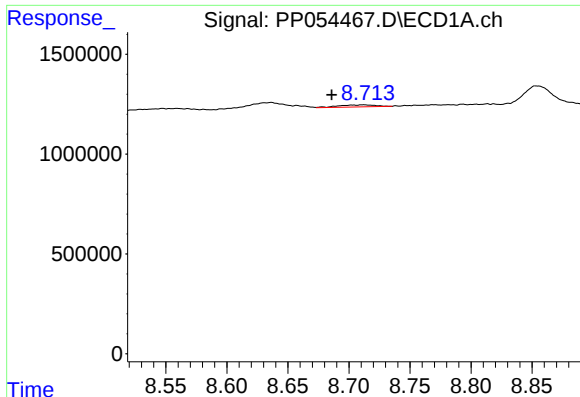
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.598 min
Response: 0
Conc: N.D.



#38 AR-1262-3

R.T.: 7.533 min
Delta R.T.: 0.024 min
Response: 580651
Conc: 8.70 ng/ml



#39 AR-1262-4

R.T.: 8.712 min
Delta R.T.: 0.026 min
Response: 228264
Conc: 4.51 ng/ml

Instrument :
ECD_P
ClientSampleId :

#39 AR-1262-4

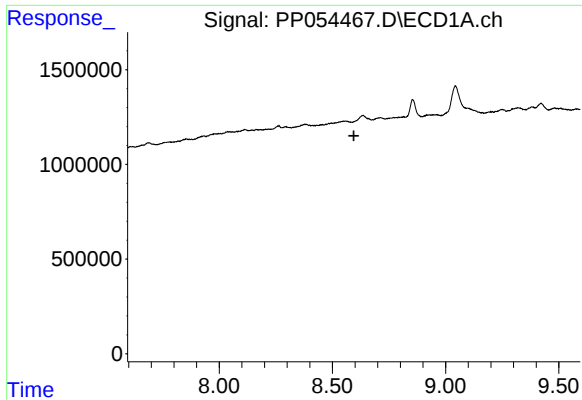
R.T.: 7.579 min
Delta R.T.: 0.007 min
Response: 101119
Conc: 0.86 ng/ml

#40 AR-1262-5

R.T.: 9.319 min
Delta R.T.: -0.025 min
Response: 415389
Conc: 7.39 ng/ml

#40 AR-1262-5

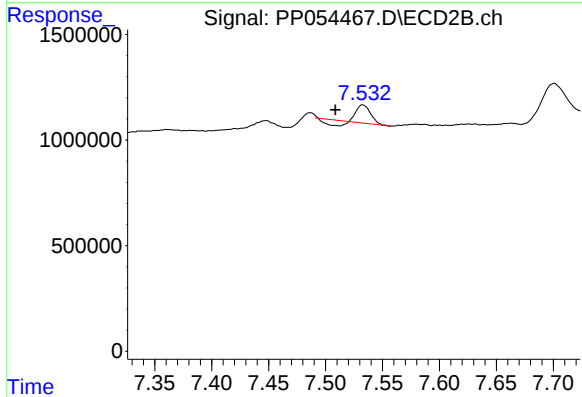
R.T.: 8.047 min
Delta R.T.: -0.021 min
Response: 1584272
Conc: 28.76 ng/ml



#41 AR-1268-1

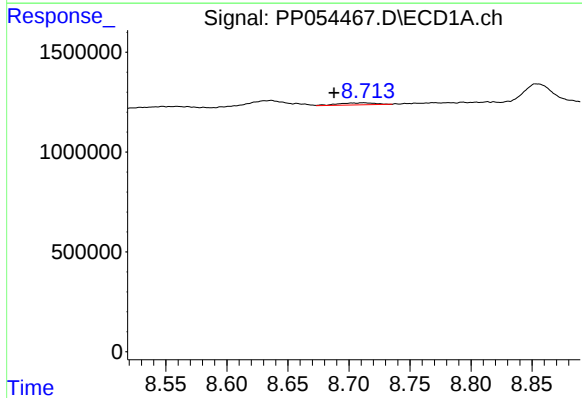
R.T.: 0.000 min
Exp R.T.: 8.595 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



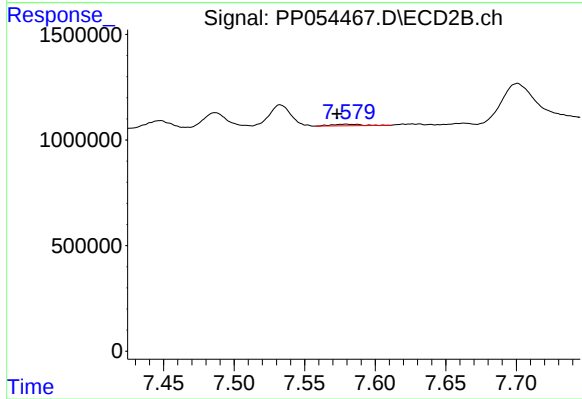
#41 AR-1268-1

R.T.: 7.533 min
Delta R.T.: 0.024 min
Response: 580651
Conc: 2.86 ng/ml



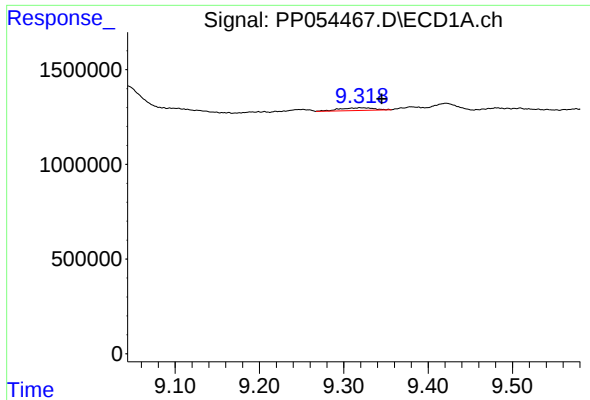
#42 AR-1268-2

R.T.: 8.712 min
Delta R.T.: 0.024 min
Response: 228264
Conc: 1.29 ng/ml



#42 AR-1268-2

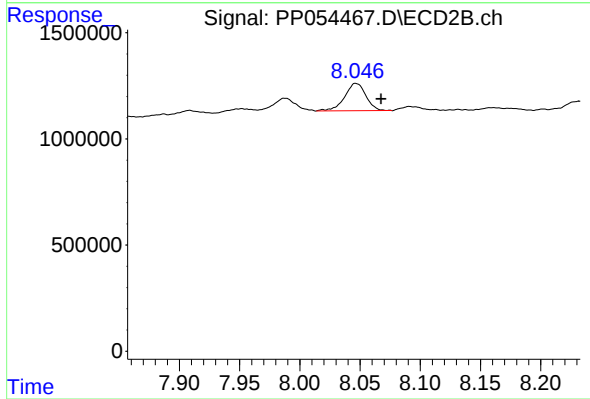
R.T.: 7.579 min
Delta R.T.: 0.006 min
Response: 101119
Conc: 0.55 ng/ml



#44 AR-1268-4

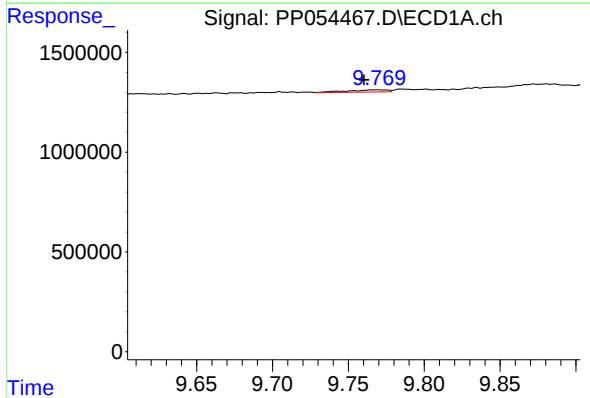
R.T.: 9.319 min
Delta R.T.: -0.026 min
Response: 415389
Conc: 6.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



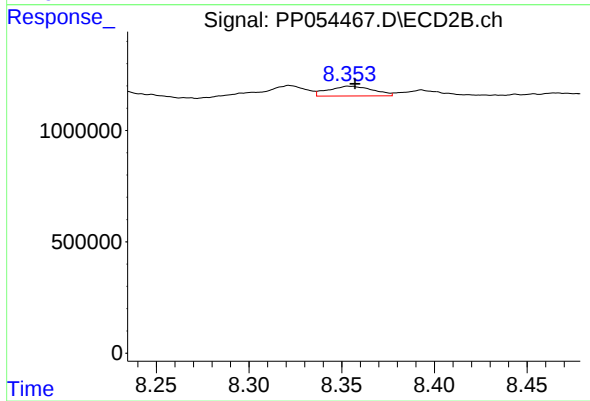
#44 AR-1268-4

R.T.: 8.047 min
Delta R.T.: -0.021 min
Response: 1584272
Conc: 25.07 ng/ml



#45 AR-1268-5

R.T.: 9.769 min
Delta R.T.: 0.009 min
Response: 210693
Conc: 0.41 ng/ml



#45 AR-1268-5

R.T.: 8.354 min
Delta R.T.: -0.003 min
Response: 739627
Conc: 1.51 ng/ml