

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO121523\
 Data File : PO100499.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Dec 2023 10:28
 Operator : YP/AJ
 Sample : HEXANE
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 16 05:21:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO121523.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Dec 16 05:19:37 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...	4.482	3.713	90958	19231	0.058	0.013 #
2)	SA Decachlor...	10.306	8.775	34078	51146	0.030	0.041 #
Target Compounds							
3)	L1 AR-1016-1	5.636	4.796	34120	145468	0.737	4.409 #
4)	L1 AR-1016-2	5.636f	4.823	34120	12295	0.502	0.271 #
5)	L1 AR-1016-3	0.000	5.002	0	44277	N.D.	1.852 #
6)	L1 AR-1016-4	0.000	5.046	0	171277	N.D.	8.382 #
7)	L1 AR-1016-5	0.000	5.244	0	74327	N.D.	2.892 #
8)	L2 AR-1221-1	4.680	3.919	24064	268430	1.369	15.011 #
9)	L2 AR-1221-2	4.754	4.002	96512	56068	7.309	4.287 #
10)	L2 AR-1221-3	4.841	4.079	22818	104884	0.550	2.815 #
11)	L3 AR-1232-1	4.841	4.079	22818	104884	0.706	3.541 #
12)	L3 AR-1232-2	5.425f	4.823	27976	12295	1.649	0.589 #
13)	L3 AR-1232-3	5.636f	5.002	34120	44277	1.150	4.097 #
14)	L3 AR-1232-4	0.000	5.080	0	43656	N.D.	4.233 #
15)	L3 AR-1232-5	5.962	5.244	35665	74327	2.973	6.718 #
16)	L4 AR-1242-1	5.636	4.796	34120	145468	0.922	5.332 #
17)	L4 AR-1242-2	5.636f	4.823	34120	12295	0.632	0.327 #
18)	L4 AR-1242-3	0.000	5.002	0	44277	N.D.	2.219 #
19)	L4 AR-1242-4	0.000	5.080	0	43656	N.D.	2.080 #
20)	L4 AR-1242-5	6.539f	5.622	80584	592307	3.273	25.510 #
21)	L5 AR-1248-1	5.636	4.796	34120	145468	1.268	6.985 #
22)	L5 AR-1248-2	5.962	5.046	35665	171277	0.790	5.850 #
23)	L5 AR-1248-3	0.000	5.080	0	43656	N.D.	1.448 #
24)	L5 AR-1248-4	6.539	5.244	80584	74327	1.848	2.155
25)	L5 AR-1248-5	6.539f	5.653	80584	149298	1.934	5.070 #
26)	L6 AR-1254-1	6.539	5.622	80584	592307	1.470	11.776 #
27)	L6 AR-1254-2	6.738	5.774	28681	938798	0.355	20.409 #
28)	L6 AR-1254-3	7.113	6.185	445418	934955	5.826	12.369 #
29)	L6 AR-1254-4	7.392	6.414	255589	1204340	5.894	28.524 #
30)	L6 AR-1254-5	7.825	6.813	112773	107232	2.035	1.463 #
31)	L7 AR-1260-1	7.267	6.344f	37764	3138567	0.588	52.019 #
32)	L7 AR-1260-2	7.564	6.472	269894	585127	3.820	8.188 #
33)	L7 AR-1260-3	7.901	6.651	32232	529244	0.577	7.541 #
34)	L7 AR-1260-4	8.127	7.106	164259	92539	2.678	1.532 #
35)	L7 AR-1260-5	8.452	7.352	144968	109714	1.277	0.838 #
36)	L8 AR-1262-1	7.825	6.813	112773	107232	2.413	2.782
37)	L8 AR-1262-2	8.452	7.106	144968	92539	1.222	1.189
38)	L8 AR-1262-3	8.779	7.624	15621	16977	0.188	0.296 #
39)	L8 AR-1262-4	8.863	7.710	38385	50580	0.585	0.462
40)	L8 AR-1262-5	9.547	8.230	34470	173046	0.883	3.720 #
41)	L9 AR-1268-1	8.779	7.624	15621	16977	0.102	0.096

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 Misc :
 ALS Vial : 1 Sample Multiplier: 1

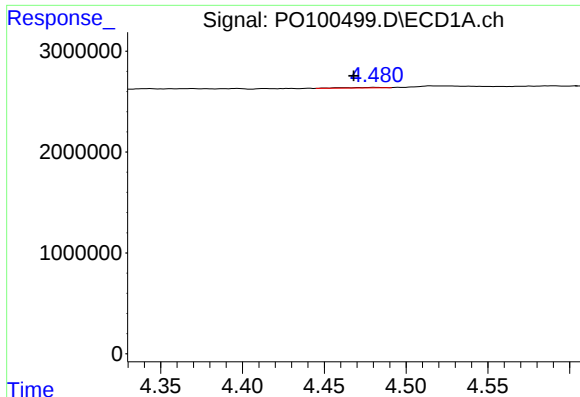
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 16 05:21:19 2023
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 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	8.863	7.710	38385	50580	0.287	0.314
43) L9	AR-1268-3	9.109	7.917	61984	149498	0.495	0.992 #
44) L9	AR-1268-4	9.547	8.230	34470	173046	0.809	3.278 #
45) L9	AR-1268-5	9.982	0.000	38414	0	0.107	N.D. #

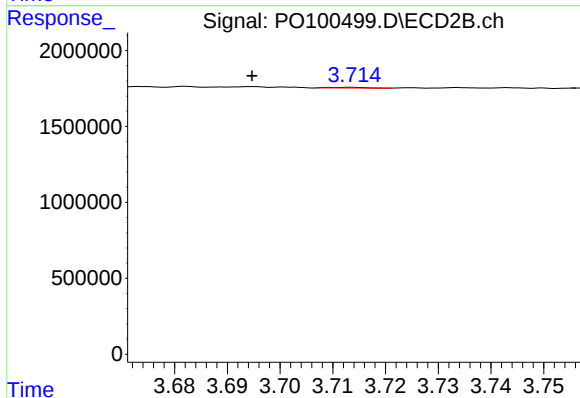
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

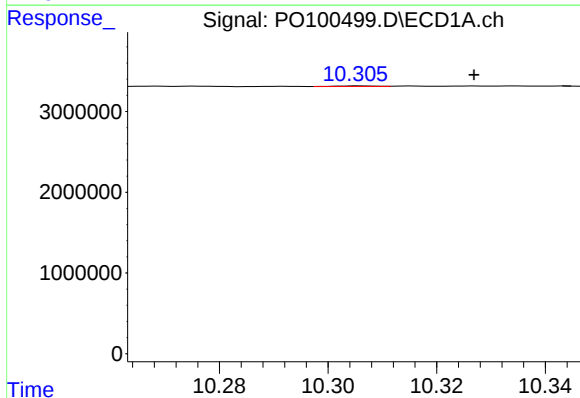
R.T.: 4.482 min
Delta R.T.: 0.014 min
Response: 90958
Conc: 0.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



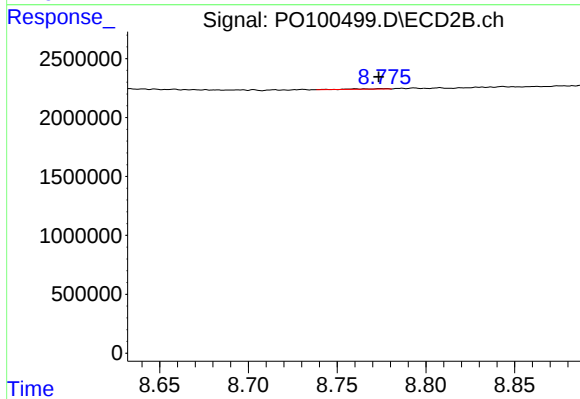
#1 Tetrachloro-m-xylene

R.T.: 3.713 min
Delta R.T.: 0.019 min
Response: 19231
Conc: 0.01 ng/ml



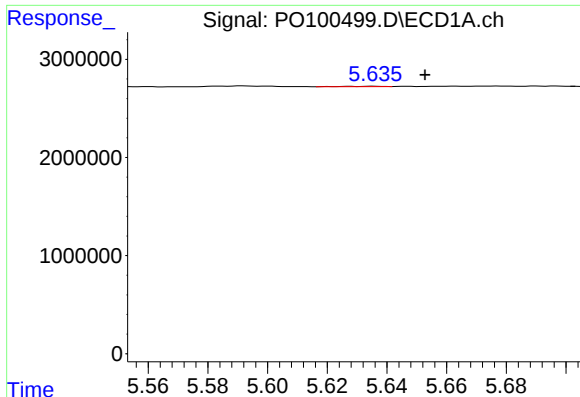
#2 Decachlorobiphenyl

R.T.: 10.306 min
Delta R.T.: -0.021 min
Response: 34078
Conc: 0.03 ng/ml



#2 Decachlorobiphenyl

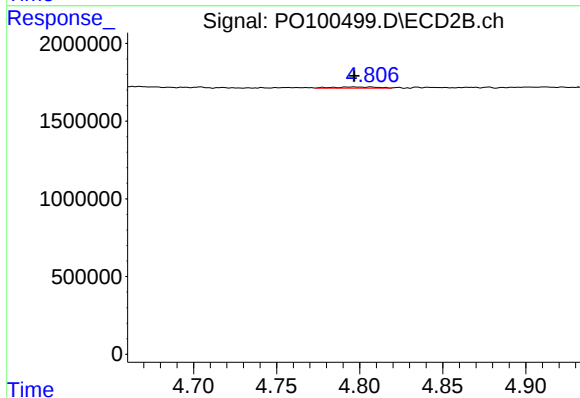
R.T.: 8.775 min
Delta R.T.: 0.002 min
Response: 51146
Conc: 0.04 ng/ml



#3 AR-1016-1

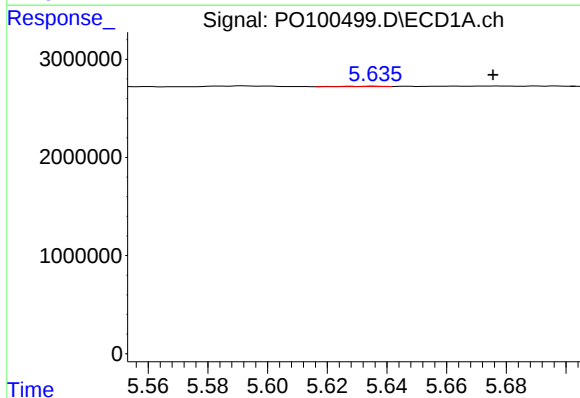
R.T.: 5.636 min
Delta R.T.: -0.017 min
Response: 34120
Conc: 0.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



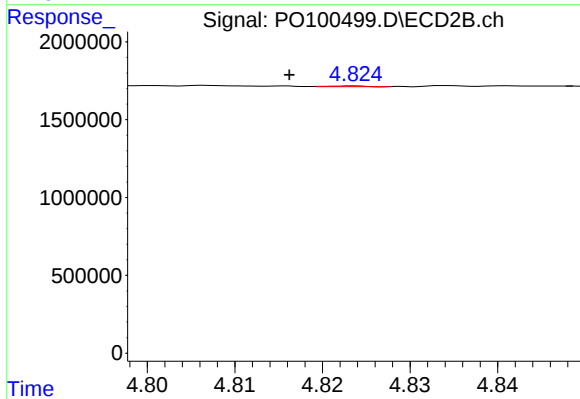
#3 AR-1016-1

R.T.: 4.796 min
Delta R.T.: 0.000 min
Response: 145468
Conc: 4.41 ng/ml



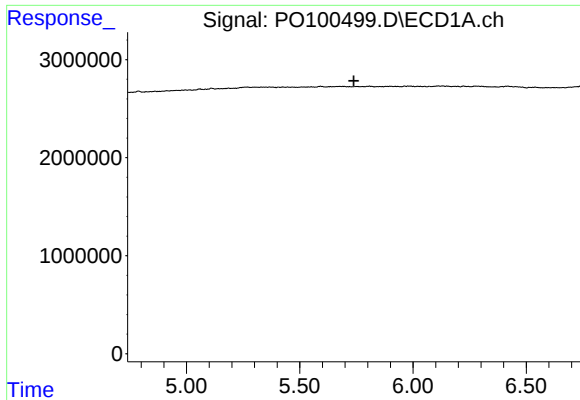
#4 AR-1016-2

R.T.: 5.636 min
Delta R.T.: -0.040 min
Response: 34120
Conc: 0.50 ng/ml



#4 AR-1016-2

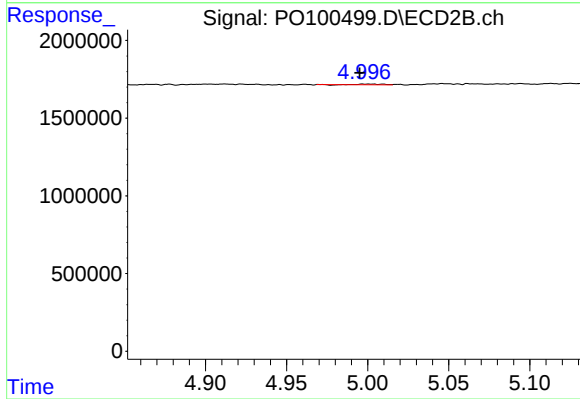
R.T.: 4.823 min
Delta R.T.: 0.007 min
Response: 12295
Conc: 0.27 ng/ml



#5 AR-1016-3

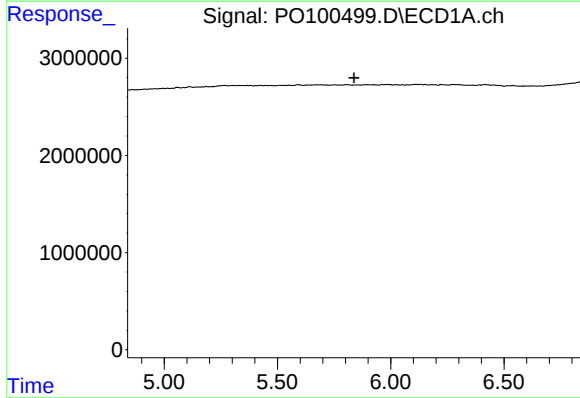
R.T.: 0.000 min
Exp R.T. : 5.739 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



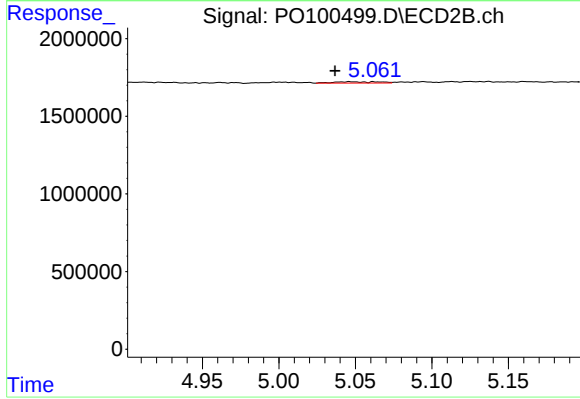
#5 AR-1016-3

R.T.: 5.002 min
Delta R.T.: 0.007 min
Response: 44277
Conc: 1.85 ng/ml



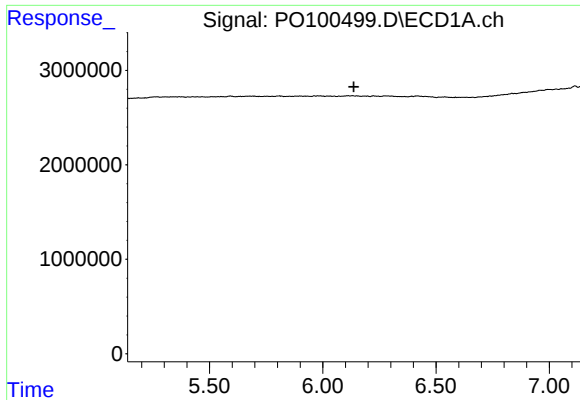
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.838 min
Response: 0
Conc: N.D.



#6 AR-1016-4

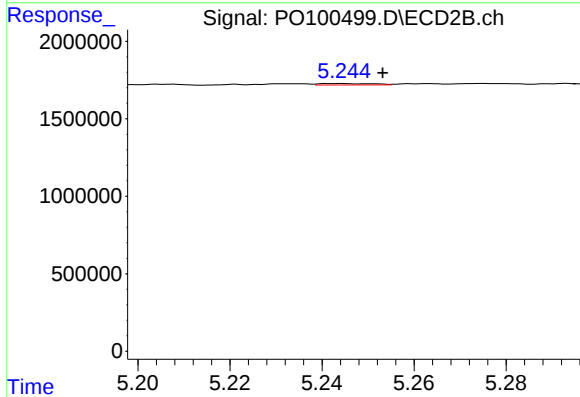
R.T.: 5.046 min
Delta R.T.: 0.009 min
Response: 171277
Conc: 8.38 ng/ml



#7 AR-1016-5

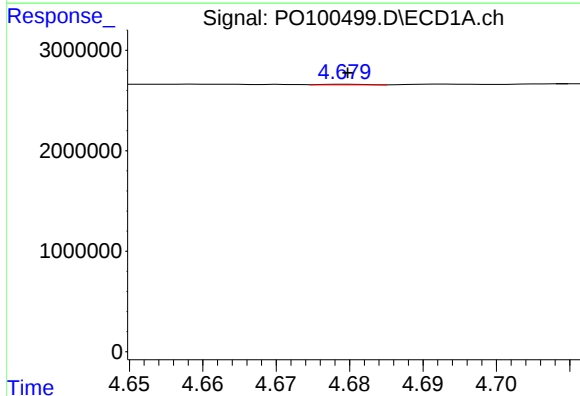
R.T.: 0.000 min
Exp R.T.: 6.137 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



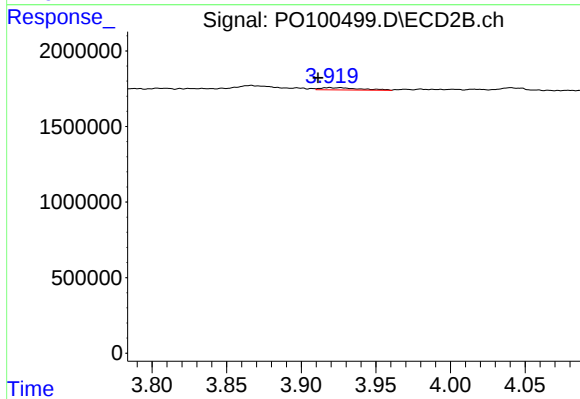
#7 AR-1016-5

R.T.: 5.244 min
Delta R.T.: -0.010 min
Response: 74327
Conc: 2.89 ng/ml



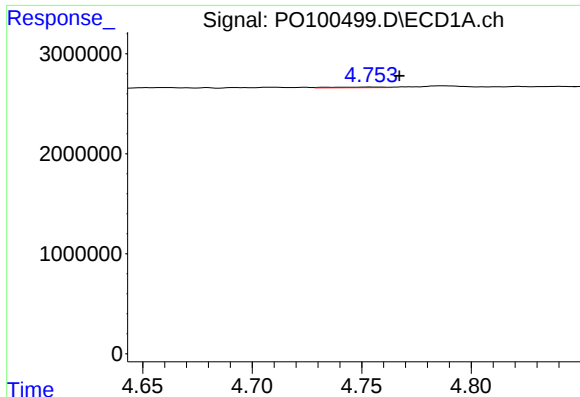
#8 AR-1221-1

R.T.: 4.680 min
Delta R.T.: 0.000 min
Response: 24064
Conc: 1.37 ng/ml



#8 AR-1221-1

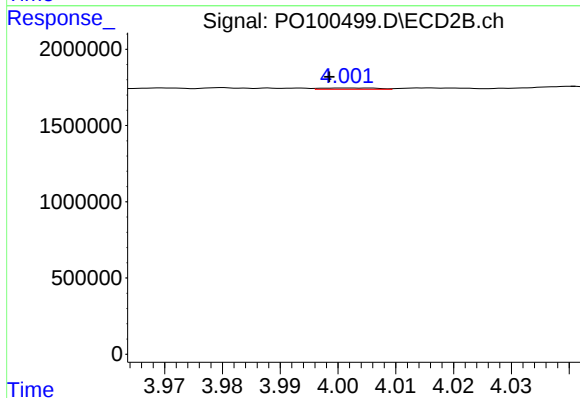
R.T.: 3.919 min
Delta R.T.: 0.008 min
Response: 268430
Conc: 15.01 ng/ml



#9 AR-1221-2

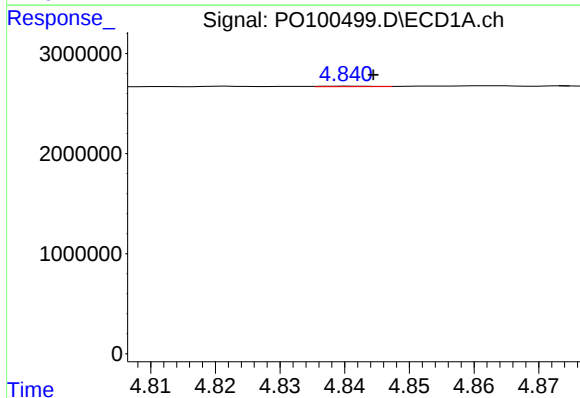
R.T.: 4.754 min
Delta R.T.: -0.013 min
Response: 96512
Conc: 7.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



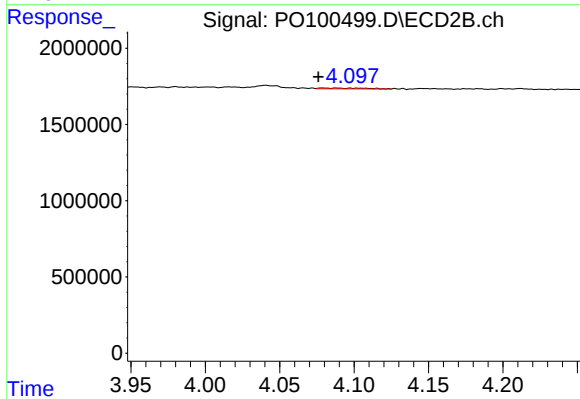
#9 AR-1221-2

R.T.: 4.002 min
Delta R.T.: 0.004 min
Response: 56068
Conc: 4.29 ng/ml



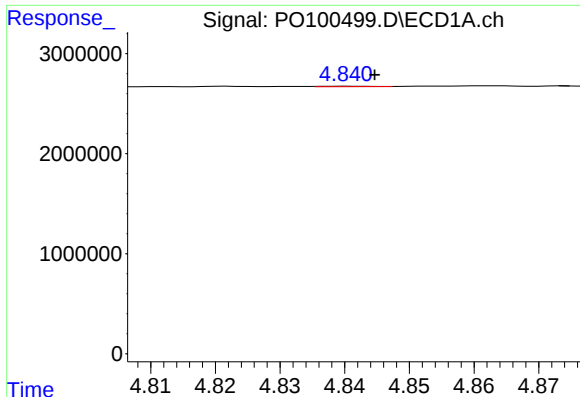
#10 AR-1221-3

R.T.: 4.841 min
Delta R.T.: -0.004 min
Response: 22818
Conc: 0.55 ng/ml



#10 AR-1221-3

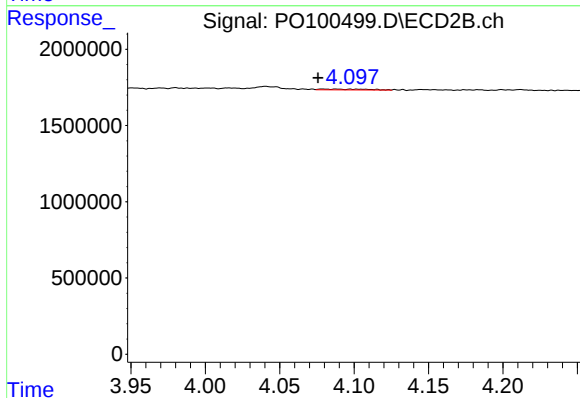
R.T.: 4.079 min
Delta R.T.: 0.003 min
Response: 104884
Conc: 2.81 ng/ml



#11 AR-1232-1

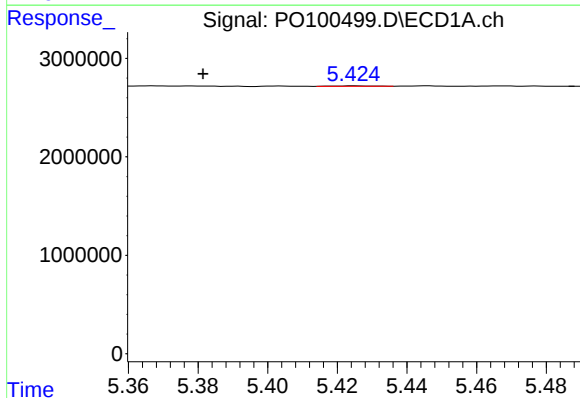
R.T.: 4.841 min
Delta R.T.: -0.004 min
Response: 22818
Conc: 0.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



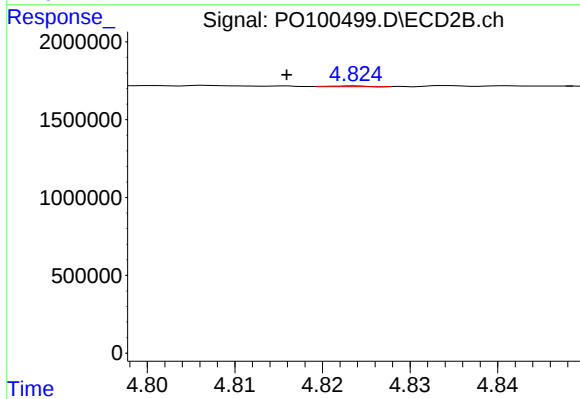
#11 AR-1232-1

R.T.: 4.079 min
Delta R.T.: 0.003 min
Response: 104884
Conc: 3.54 ng/ml



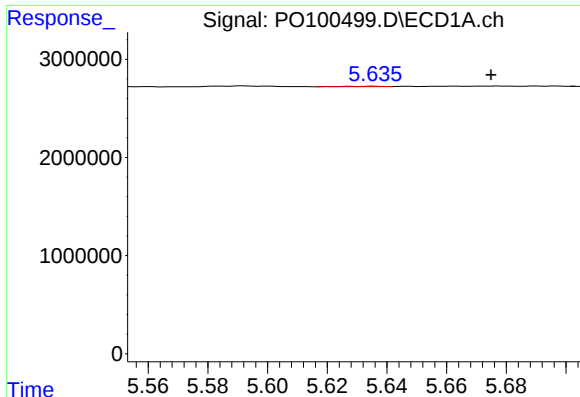
#12 AR-1232-2

R.T.: 5.425 min
Delta R.T.: 0.044 min
Response: 27976
Conc: 1.65 ng/ml



#12 AR-1232-2

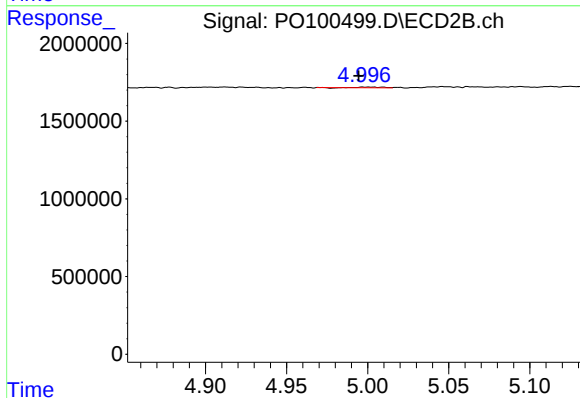
R.T.: 4.823 min
Delta R.T.: 0.007 min
Response: 12295
Conc: 0.59 ng/ml



#13 AR-1232-3

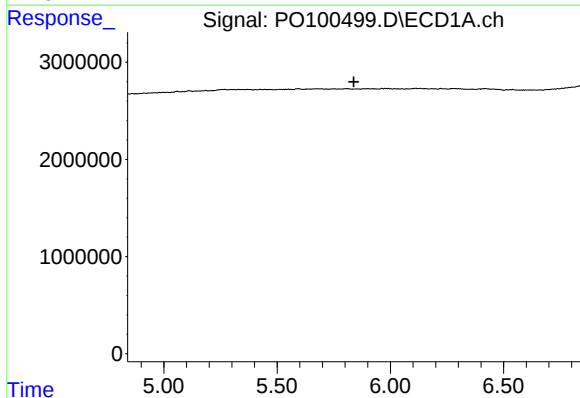
R.T.: 5.636 min
Delta R.T.: -0.039 min
Response: 34120
Conc: 1.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



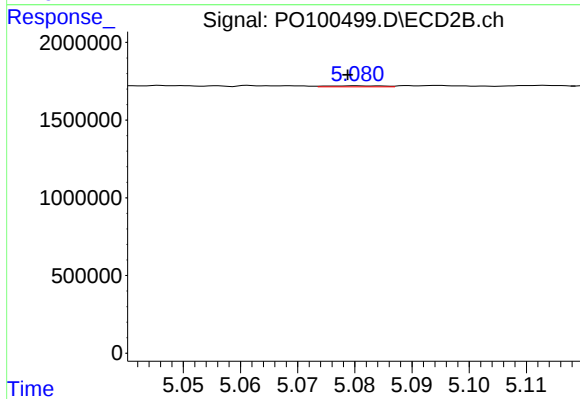
#13 AR-1232-3

R.T.: 5.002 min
Delta R.T.: 0.008 min
Response: 44277
Conc: 4.10 ng/ml



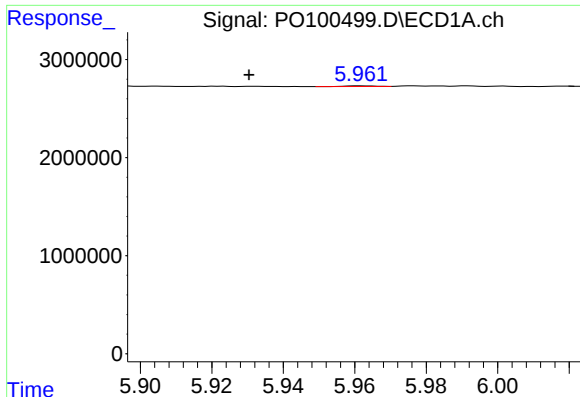
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.838 min
Response: 0
Conc: N.D.



#14 AR-1232-4

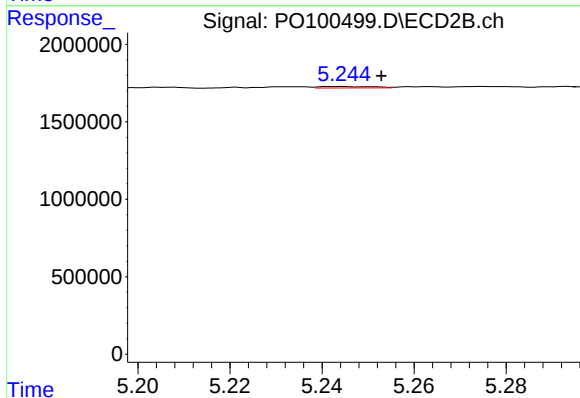
R.T.: 5.080 min
Delta R.T.: 0.002 min
Response: 43656
Conc: 4.23 ng/ml



#15 AR-1232-5

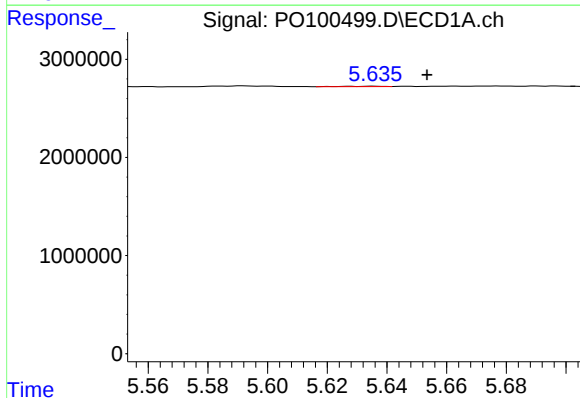
R.T.: 5.962 min
Delta R.T.: 0.031 min
Response: 35665
Conc: 2.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



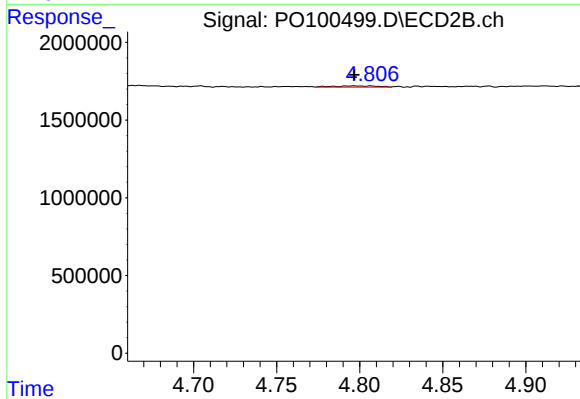
#15 AR-1232-5

R.T.: 5.244 min
Delta R.T.: -0.009 min
Response: 74327
Conc: 6.72 ng/ml



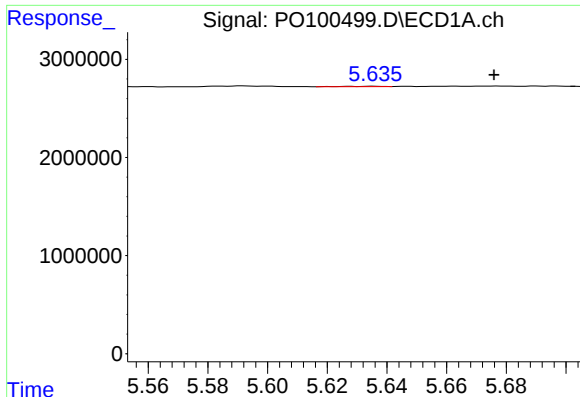
#16 AR-1242-1

R.T.: 5.636 min
Delta R.T.: -0.018 min
Response: 34120
Conc: 0.92 ng/ml



#16 AR-1242-1

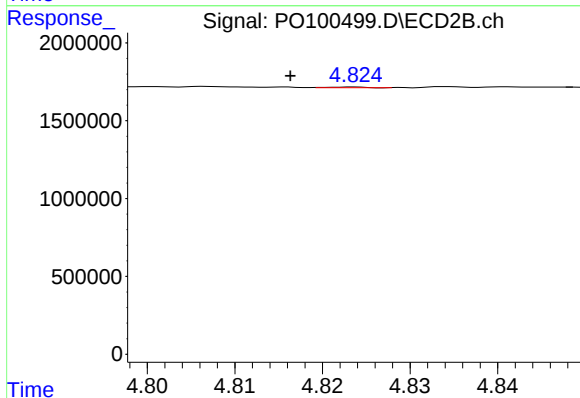
R.T.: 4.796 min
Delta R.T.: 0.000 min
Response: 145468
Conc: 5.33 ng/ml



#17 AR-1242-2

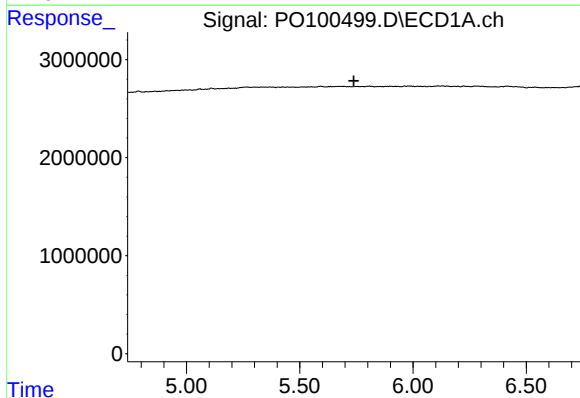
R.T.: 5.636 min
Delta R.T.: -0.040 min
Response: 34120
Conc: 0.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



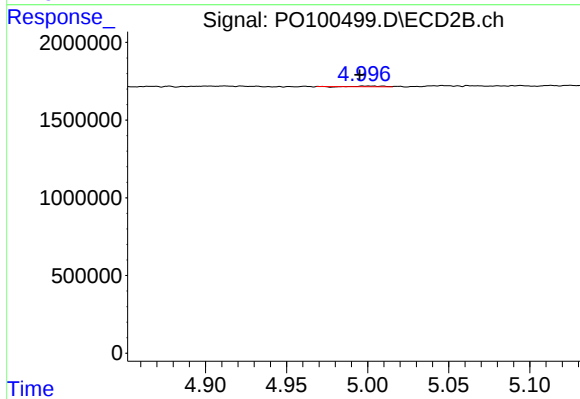
#17 AR-1242-2

R.T.: 4.823 min
Delta R.T.: 0.007 min
Response: 12295
Conc: 0.33 ng/ml



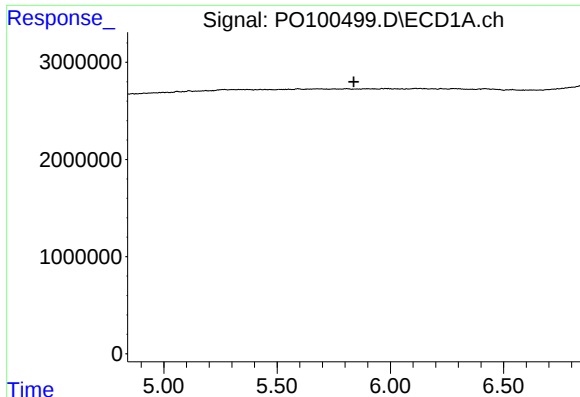
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.739 min
Response: 0
Conc: N.D.



#18 AR-1242-3

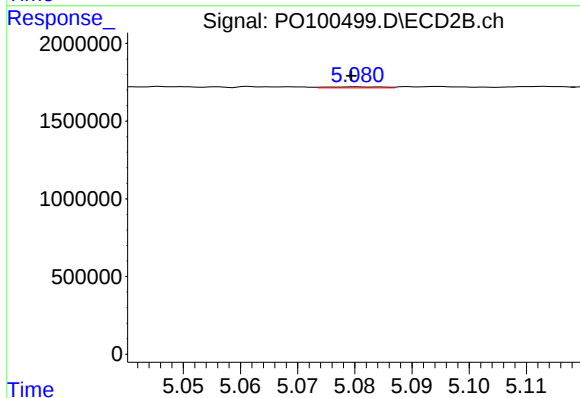
R.T.: 5.002 min
Delta R.T.: 0.007 min
Response: 44277
Conc: 2.22 ng/ml



#19 AR-1242-4

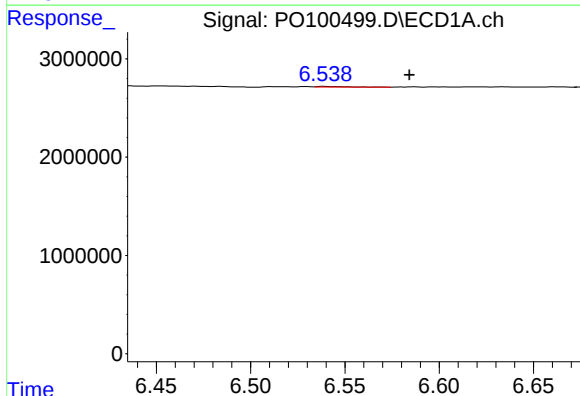
R.T.: 0.000 min
Exp R.T.: 5.839 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



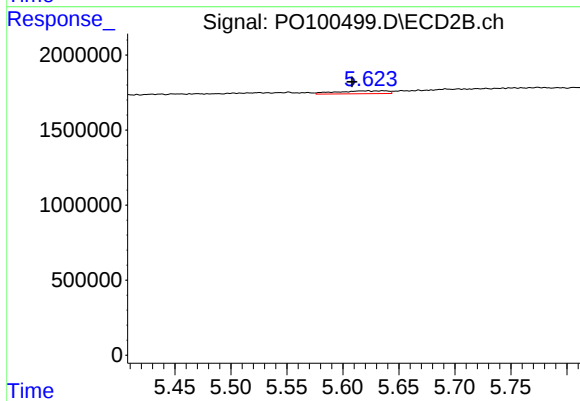
#19 AR-1242-4

R.T.: 5.080 min
Delta R.T.: 0.000 min
Response: 43656
Conc: 2.08 ng/ml



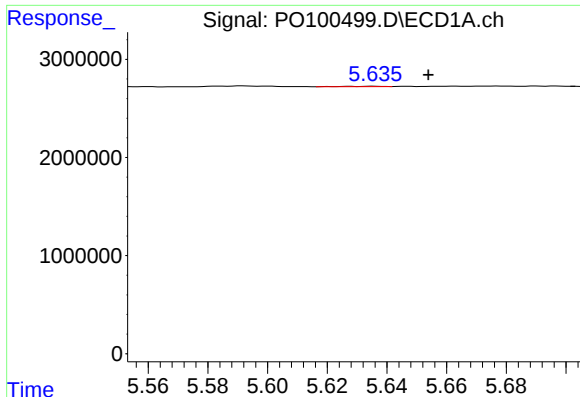
#20 AR-1242-5

R.T.: 6.539 min
Delta R.T.: -0.045 min
Response: 80584
Conc: 3.27 ng/ml



#20 AR-1242-5

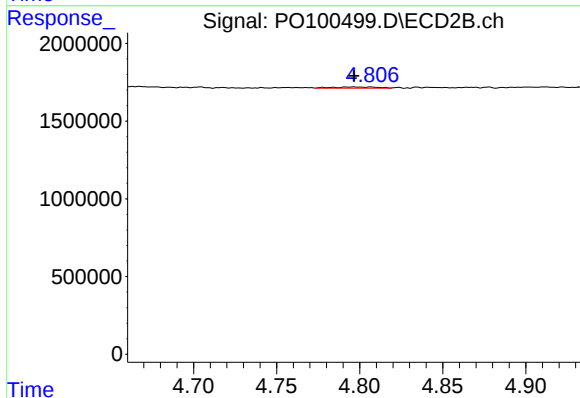
R.T.: 5.622 min
Delta R.T.: 0.014 min
Response: 592307
Conc: 25.51 ng/ml



#21 AR-1248-1

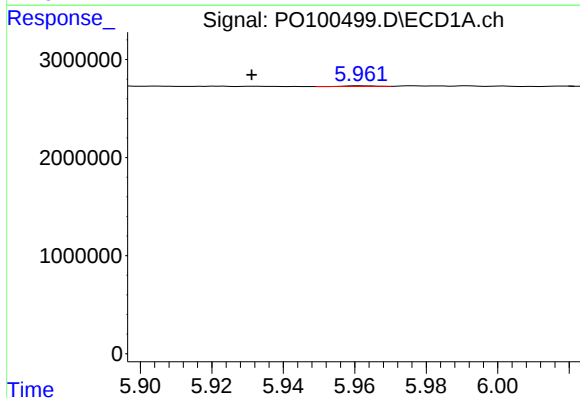
R.T.: 5.636 min
Delta R.T.: -0.018 min
Response: 34120
Conc: 1.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



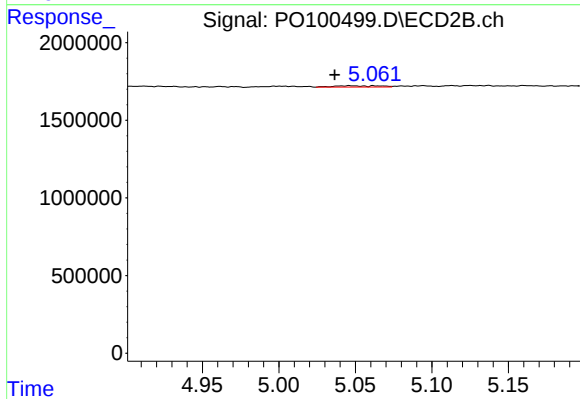
#21 AR-1248-1

R.T.: 4.796 min
Delta R.T.: 0.000 min
Response: 145468
Conc: 6.99 ng/ml



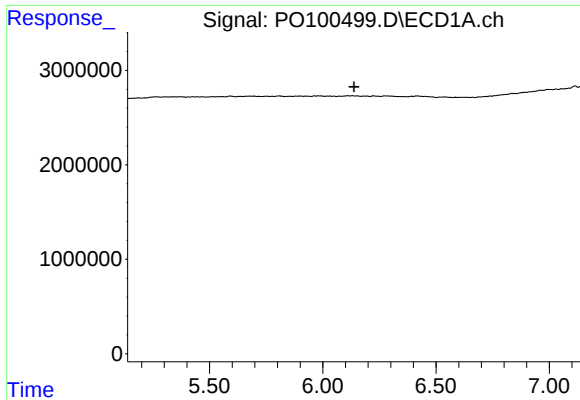
#22 AR-1248-2

R.T.: 5.962 min
Delta R.T.: 0.031 min
Response: 35665
Conc: 0.79 ng/ml



#22 AR-1248-2

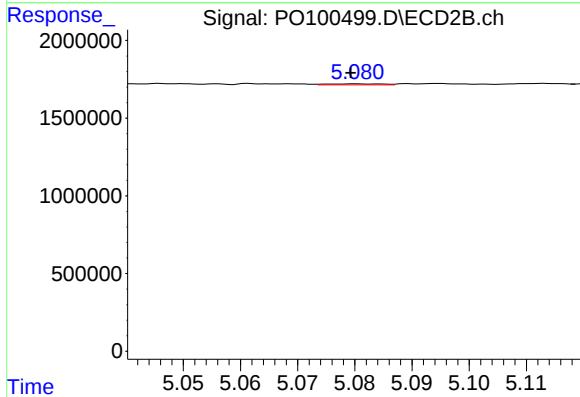
R.T.: 5.046 min
Delta R.T.: 0.010 min
Response: 171277
Conc: 5.85 ng/ml



#23 AR-1248-3

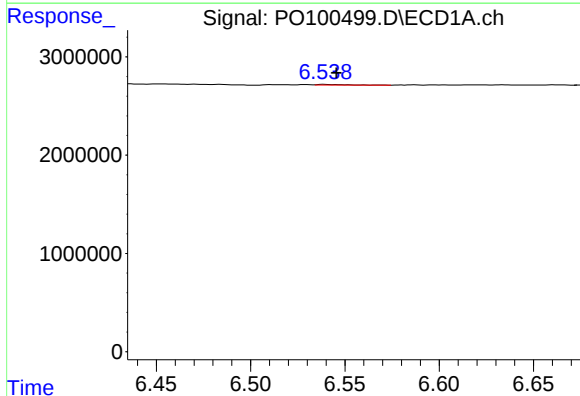
R.T.: 0.000 min
Exp R.T.: 6.138 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



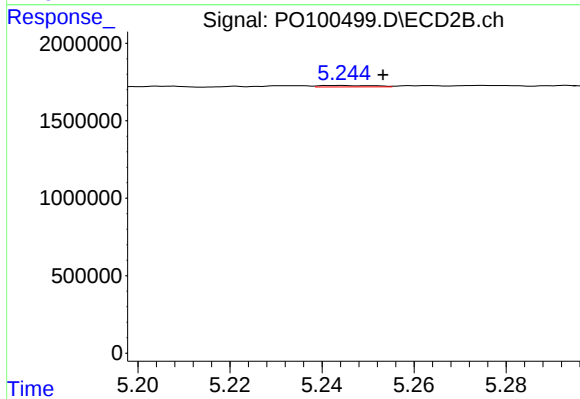
#23 AR-1248-3

R.T.: 5.080 min
Delta R.T.: 0.001 min
Response: 43656
Conc: 1.45 ng/ml



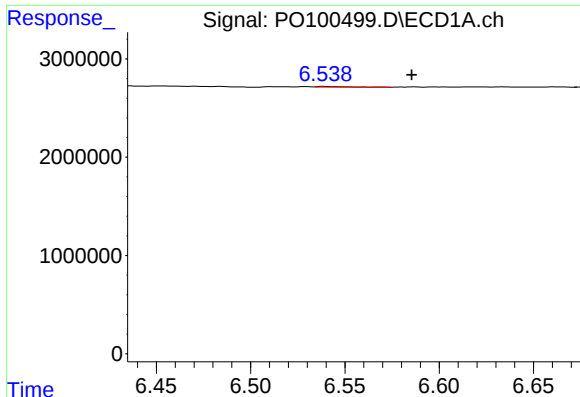
#24 AR-1248-4

R.T.: 6.539 min
Delta R.T.: -0.007 min
Response: 80584
Conc: 1.85 ng/ml



#24 AR-1248-4

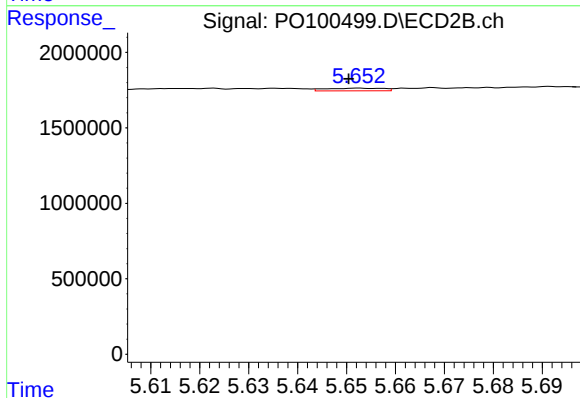
R.T.: 5.244 min
Delta R.T.: -0.010 min
Response: 74327
Conc: 2.15 ng/ml



#25 AR-1248-5

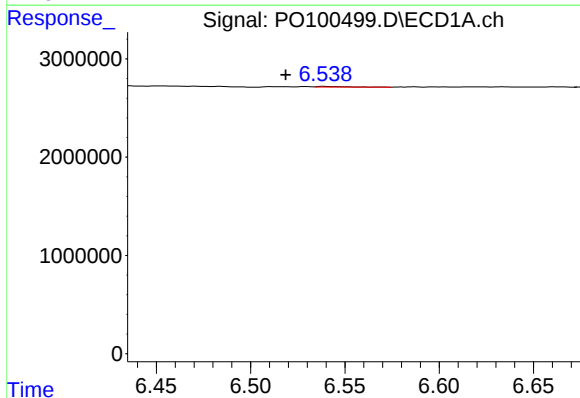
R.T.: 6.539 min
Delta R.T.: -0.046 min
Response: 80584
Conc: 1.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



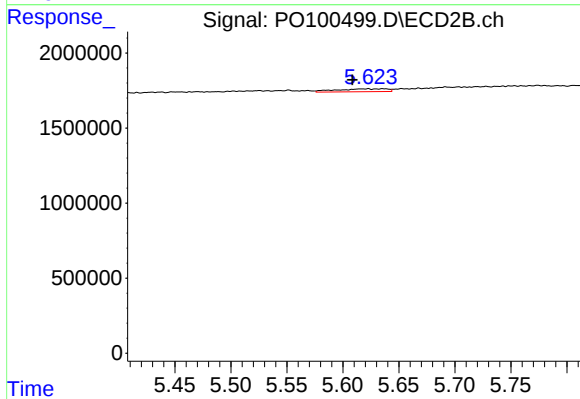
#25 AR-1248-5

R.T.: 5.653 min
Delta R.T.: 0.002 min
Response: 149298
Conc: 5.07 ng/ml



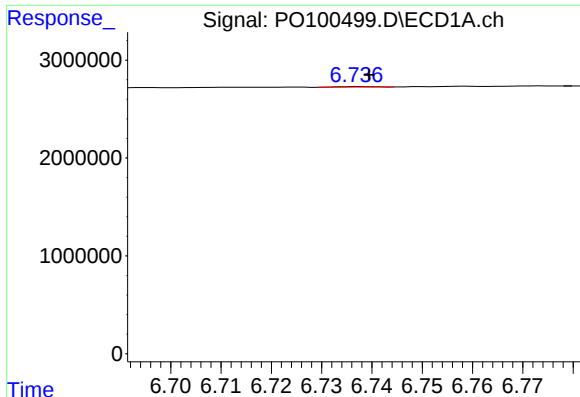
#26 AR-1254-1

R.T.: 6.539 min
Delta R.T.: 0.020 min
Response: 80584
Conc: 1.47 ng/ml



#26 AR-1254-1

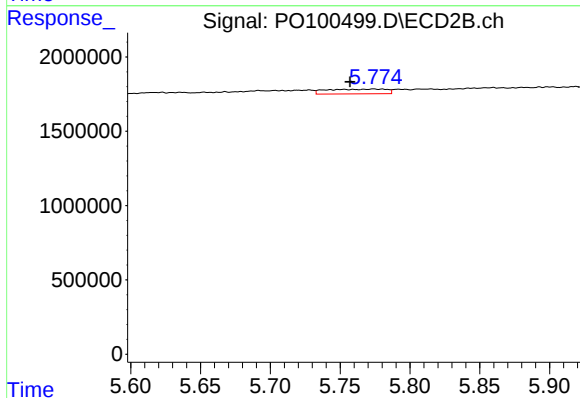
R.T.: 5.622 min
Delta R.T.: 0.014 min
Response: 592307
Conc: 11.78 ng/ml



#27 AR-1254-2

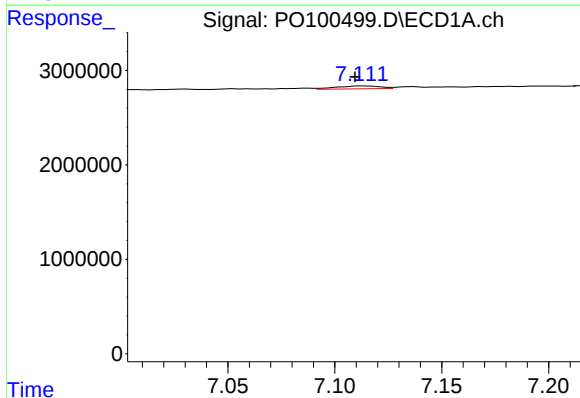
R.T.: 6.738 min
Delta R.T.: -0.002 min
Response: 28681
Conc: 0.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



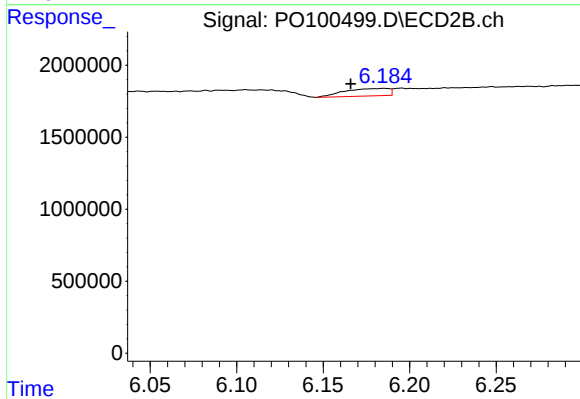
#27 AR-1254-2

R.T.: 5.774 min
Delta R.T.: 0.017 min
Response: 938798
Conc: 20.41 ng/ml



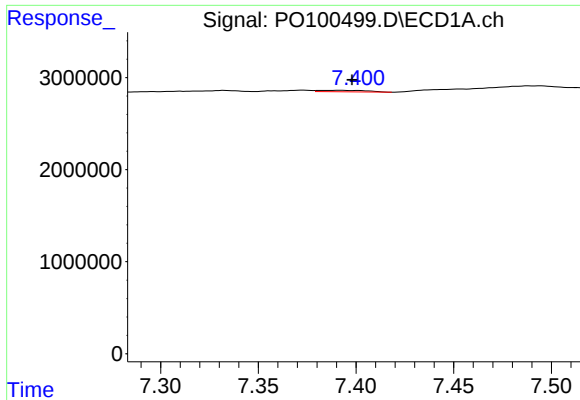
#28 AR-1254-3

R.T.: 7.113 min
Delta R.T.: 0.003 min
Response: 445418
Conc: 5.83 ng/ml



#28 AR-1254-3

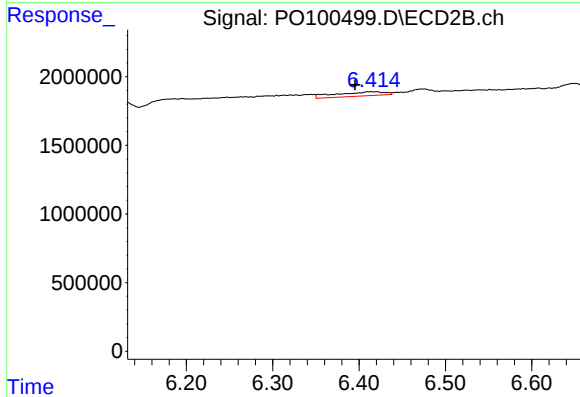
R.T.: 6.185 min
Delta R.T.: 0.019 min
Response: 934955
Conc: 12.37 ng/ml



#29 AR-1254-4

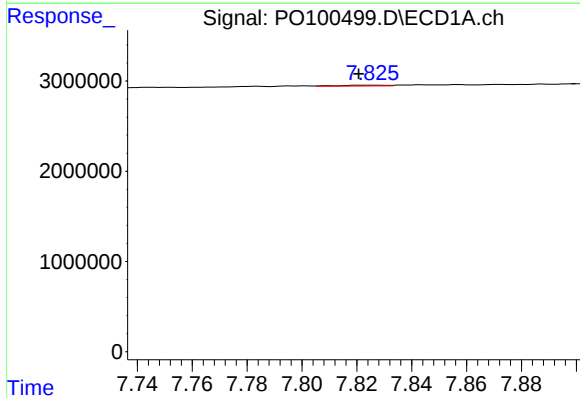
R.T.: 7.392 min
Delta R.T.: -0.006 min
Response: 255589
Conc: 5.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



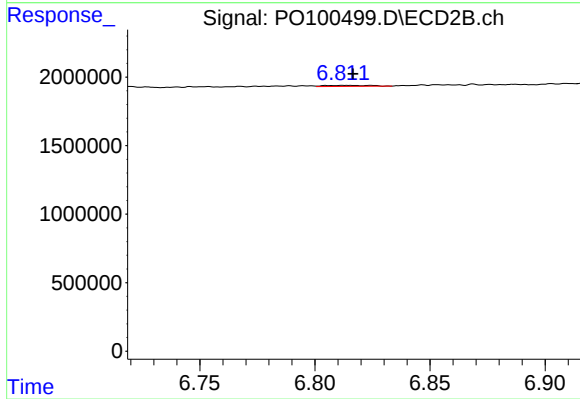
#29 AR-1254-4

R.T.: 6.414 min
Delta R.T.: 0.018 min
Response: 1204340
Conc: 28.52 ng/ml



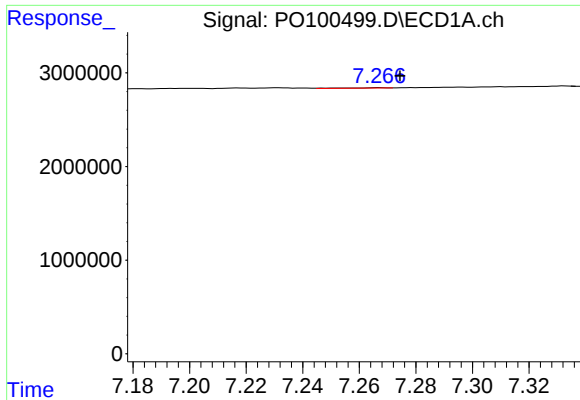
#30 AR-1254-5

R.T.: 7.825 min
Delta R.T.: 0.004 min
Response: 112773
Conc: 2.03 ng/ml



#30 AR-1254-5

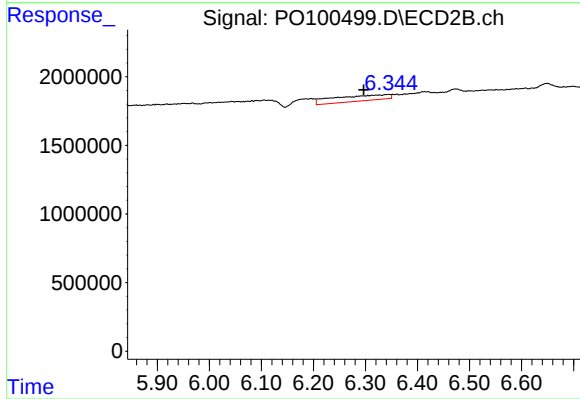
R.T.: 6.813 min
Delta R.T.: -0.003 min
Response: 107232
Conc: 1.46 ng/ml



#31 AR-1260-1

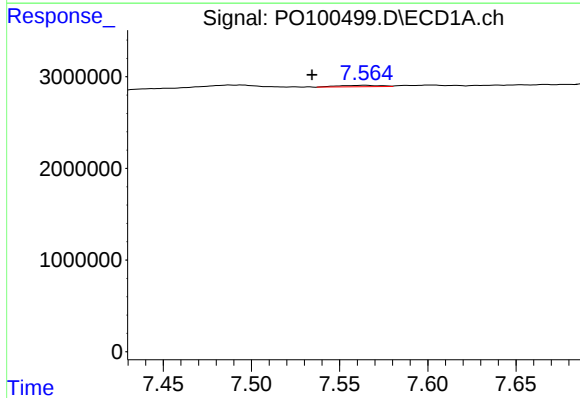
R.T.: 7.267 min
Delta R.T.: -0.008 min
Response: 37764
Conc: 0.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



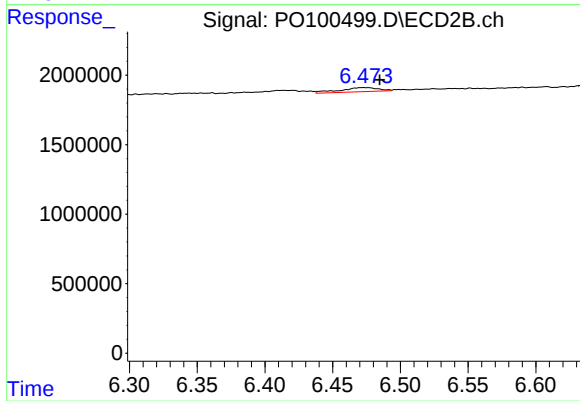
#31 AR-1260-1

R.T.: 6.344 min
Delta R.T.: 0.048 min
Response: 3138567
Conc: 52.02 ng/ml



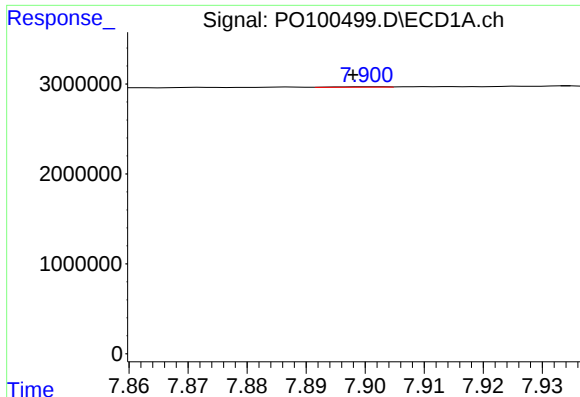
#32 AR-1260-2

R.T.: 7.564 min
Delta R.T.: 0.030 min
Response: 269894
Conc: 3.82 ng/ml



#32 AR-1260-2

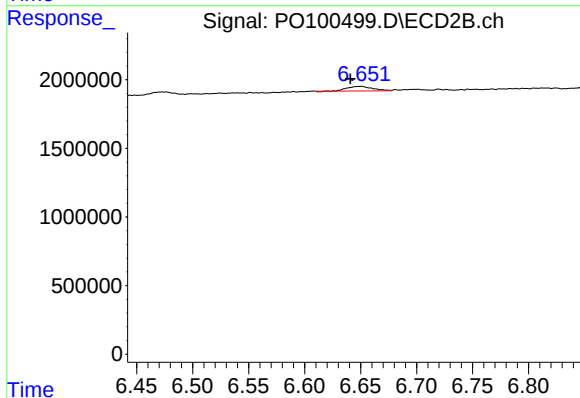
R.T.: 6.472 min
Delta R.T.: -0.012 min
Response: 585127
Conc: 8.19 ng/ml



#33 AR-1260-3

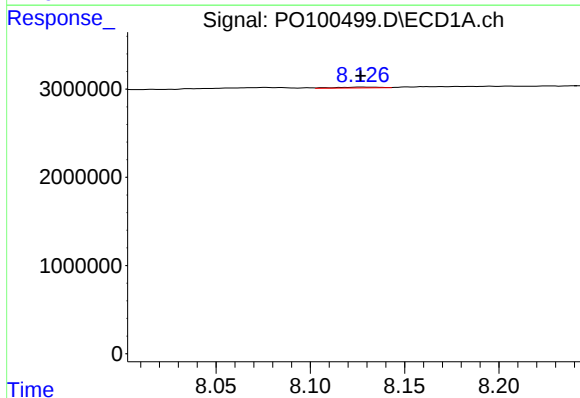
R.T.: 7.901 min
Delta R.T.: 0.003 min
Response: 32232
Conc: 0.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



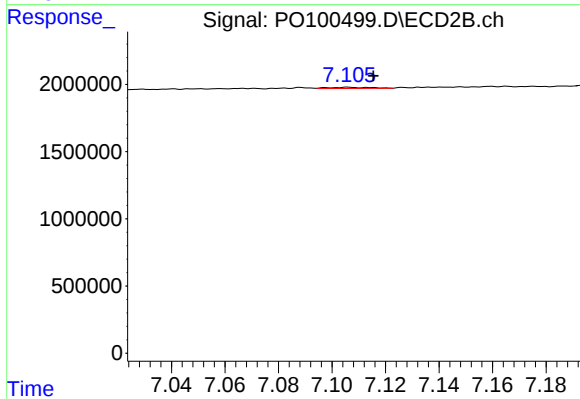
#33 AR-1260-3

R.T.: 6.651 min
Delta R.T.: 0.010 min
Response: 529244
Conc: 7.54 ng/ml



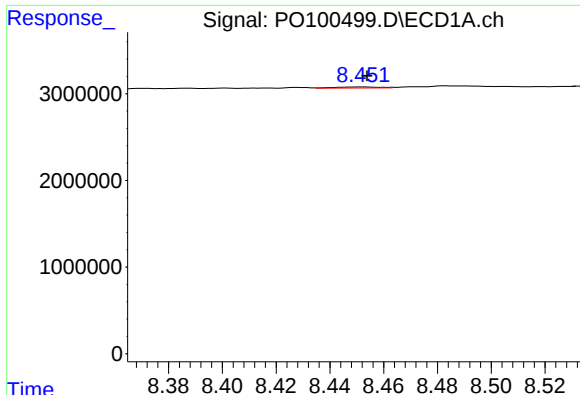
#34 AR-1260-4

R.T.: 8.127 min
Delta R.T.: 0.000 min
Response: 164259
Conc: 2.68 ng/ml



#34 AR-1260-4

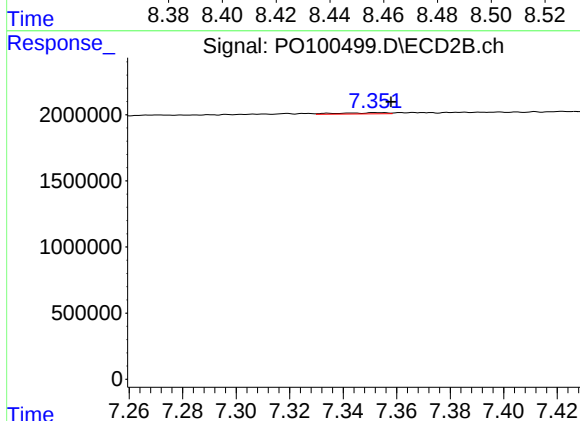
R.T.: 7.106 min
Delta R.T.: -0.009 min
Response: 92539
Conc: 1.53 ng/ml



#35 AR-1260-5

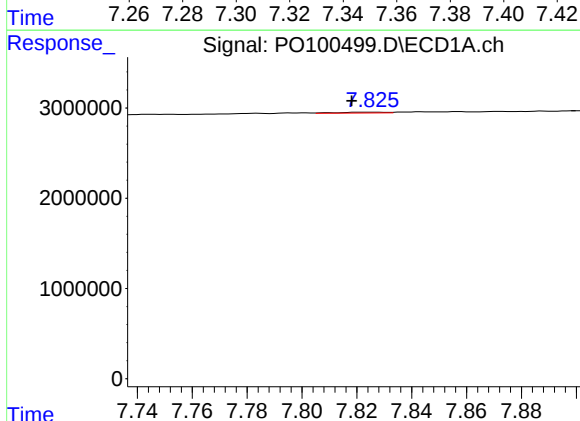
R.T.: 8.452 min
Delta R.T.: -0.002 min
Response: 144968
Conc: 1.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



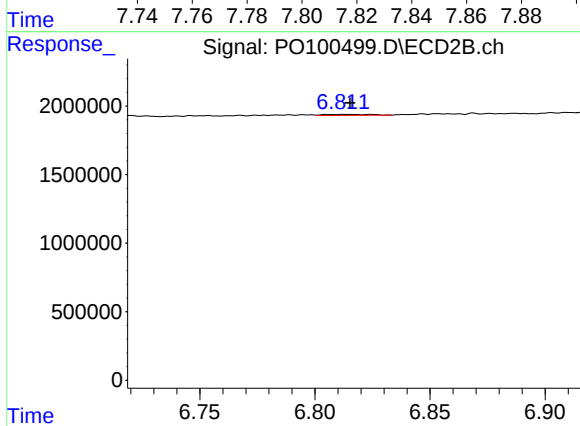
#35 AR-1260-5

R.T.: 7.352 min
Delta R.T.: -0.006 min
Response: 109714
Conc: 0.84 ng/ml



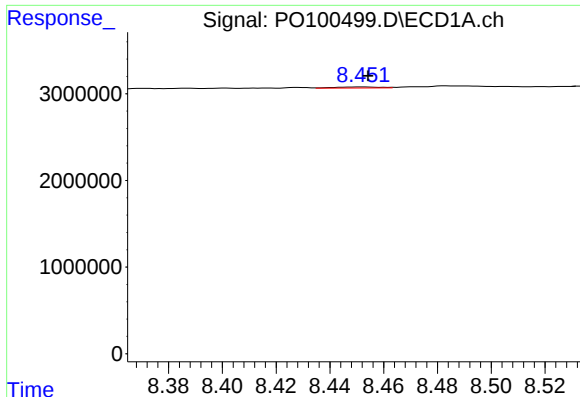
#36 AR-1262-1

R.T.: 7.825 min
Delta R.T.: 0.006 min
Response: 112773
Conc: 2.41 ng/ml



#36 AR-1262-1

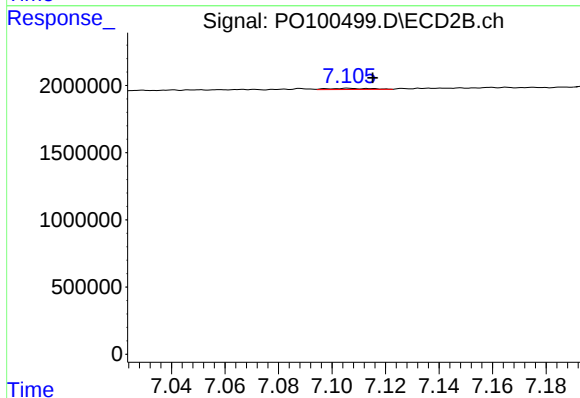
R.T.: 6.813 min
Delta R.T.: -0.002 min
Response: 107232
Conc: 2.78 ng/ml



#37 AR-1262-2

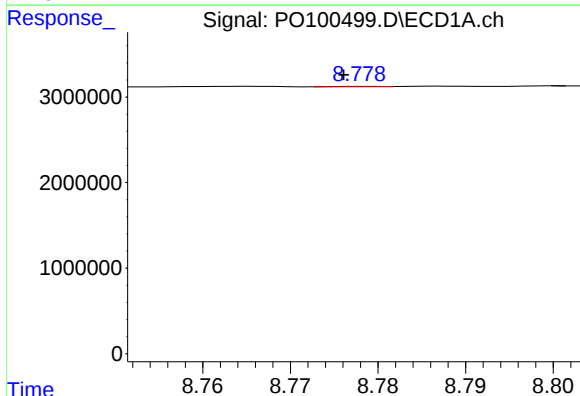
R.T.: 8.452 min
Delta R.T.: -0.002 min
Response: 144968
Conc: 1.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



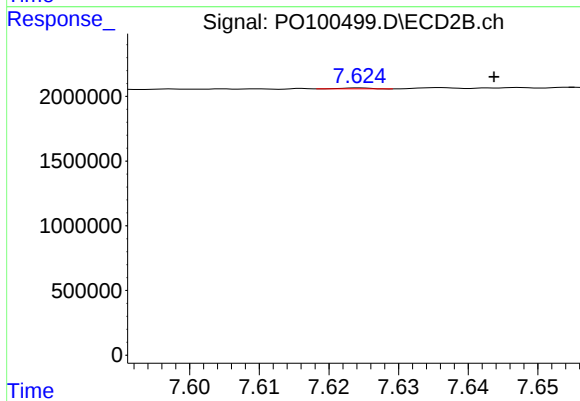
#37 AR-1262-2

R.T.: 7.106 min
Delta R.T.: -0.009 min
Response: 92539
Conc: 1.19 ng/ml



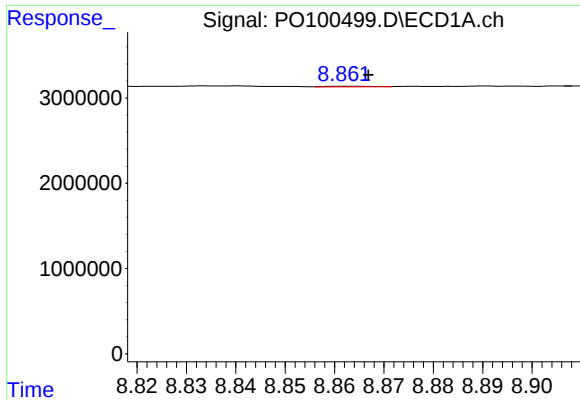
#38 AR-1262-3

R.T.: 8.779 min
Delta R.T.: 0.002 min
Response: 15621
Conc: 0.19 ng/ml



#38 AR-1262-3

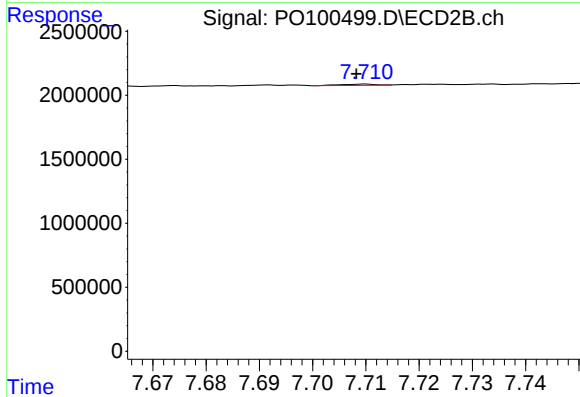
R.T.: 7.624 min
Delta R.T.: -0.019 min
Response: 16977
Conc: 0.30 ng/ml



#39 AR-1262-4

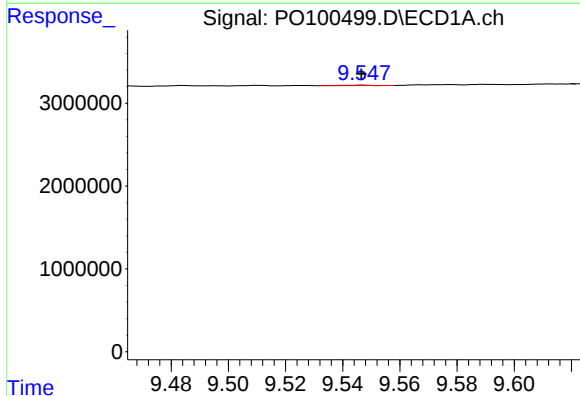
R.T.: 8.863 min
Delta R.T.: -0.004 min
Response: 38385
Conc: 0.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



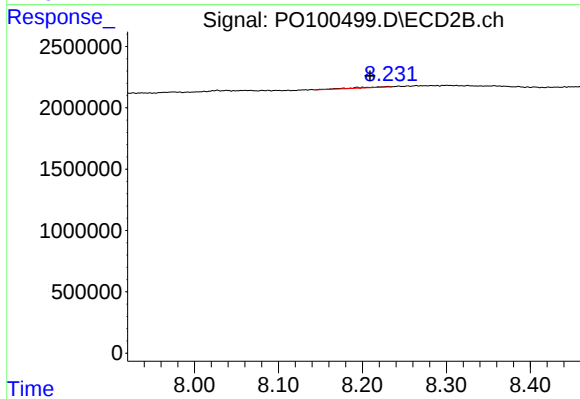
#39 AR-1262-4

R.T.: 7.710 min
Delta R.T.: 0.002 min
Response: 50580
Conc: 0.46 ng/ml



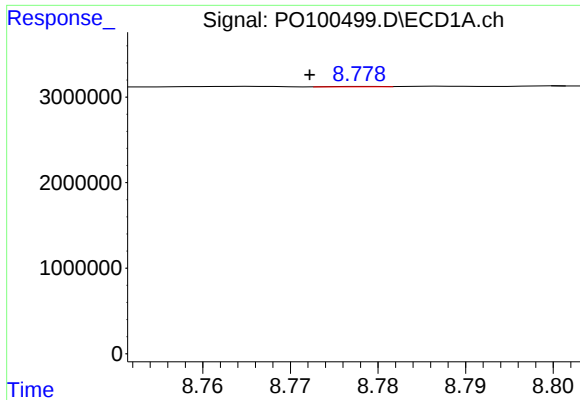
#40 AR-1262-5

R.T.: 9.547 min
Delta R.T.: 0.000 min
Response: 34470
Conc: 0.88 ng/ml



#40 AR-1262-5

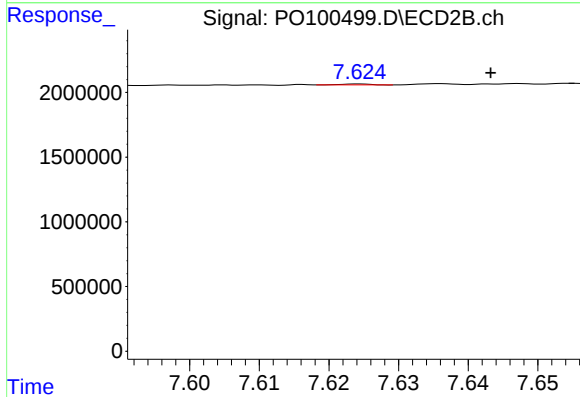
R.T.: 8.230 min
Delta R.T.: 0.021 min
Response: 173046
Conc: 3.72 ng/ml



#41 AR-1268-1

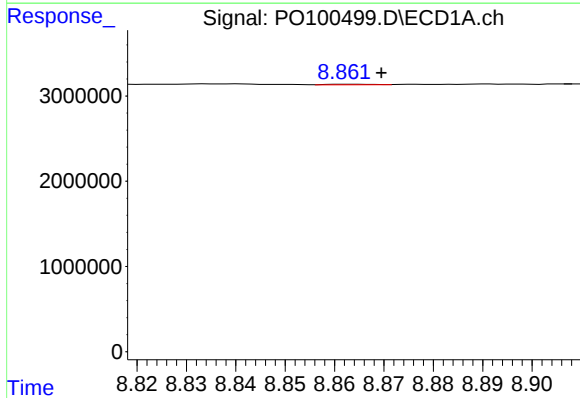
R.T.: 8.779 min
Delta R.T.: 0.006 min
Response: 15621
Conc: 0.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



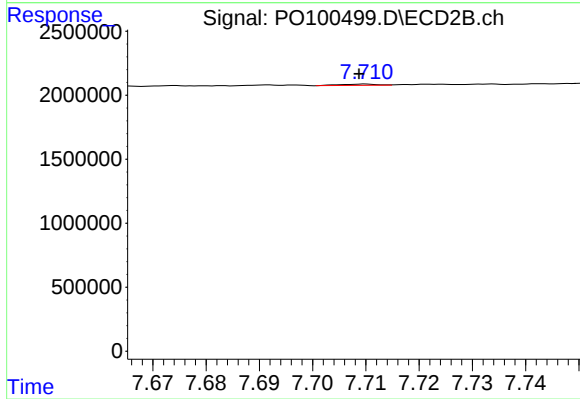
#41 AR-1268-1

R.T.: 7.624 min
Delta R.T.: -0.019 min
Response: 16977
Conc: 0.10 ng/ml



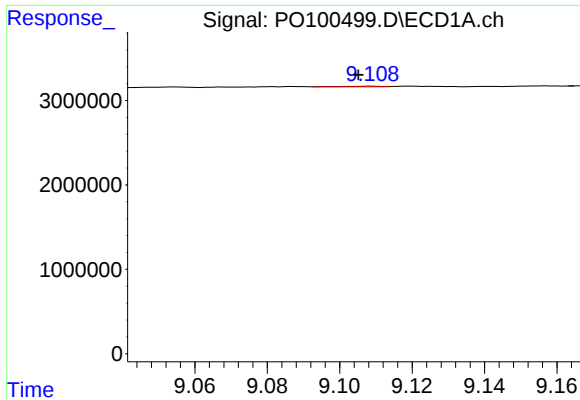
#42 AR-1268-2

R.T.: 8.863 min
Delta R.T.: -0.007 min
Response: 38385
Conc: 0.29 ng/ml



#42 AR-1268-2

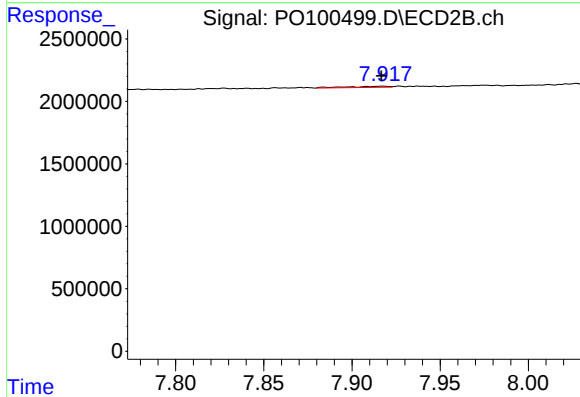
R.T.: 7.710 min
Delta R.T.: 0.000 min
Response: 50580
Conc: 0.31 ng/ml



#43 AR-1268-3

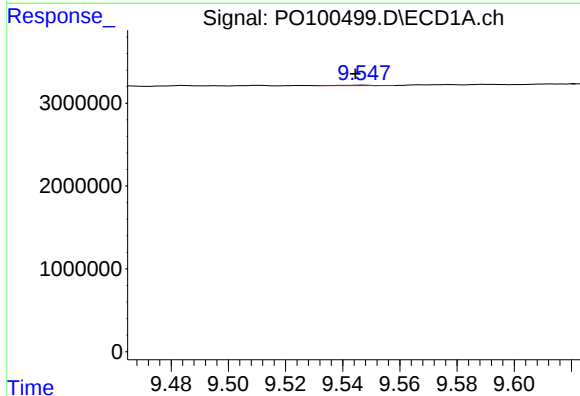
R.T.: 9.109 min
Delta R.T.: 0.004 min
Response: 61984
Conc: 0.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



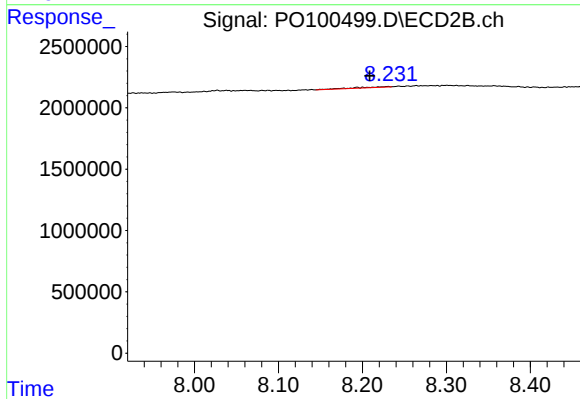
#43 AR-1268-3

R.T.: 7.917 min
Delta R.T.: 0.000 min
Response: 149498
Conc: 0.99 ng/ml



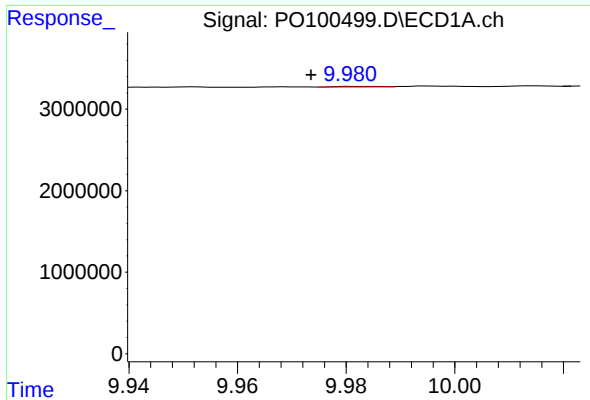
#44 AR-1268-4

R.T.: 9.547 min
Delta R.T.: 0.003 min
Response: 34470
Conc: 0.81 ng/ml



#44 AR-1268-4

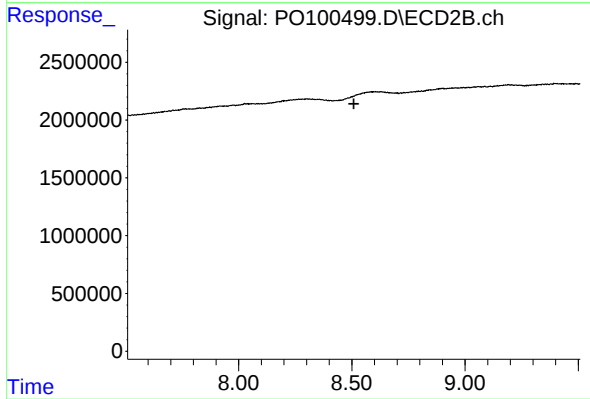
R.T.: 8.230 min
Delta R.T.: 0.022 min
Response: 173046
Conc: 3.28 ng/ml



#45 AR-1268-5

R.T.: 9.982 min
Delta R.T.: 0.009 min
Response: 38414
Conc: 0.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.509 min
Response: 0
Conc: N.D.