

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0031923\
 Data File : P0093316.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Mar 2023 10:24
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 20:31:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0031323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 14 05:32:59 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...	4.426	3.631	64296627	22322127	20.532	19.792
2)	SA Decachlor...	10.258	8.659	52007841	22891594	24.030	23.379
Target Compounds							
3)	L1 AR-1016-1	5.628	0.000	511366	0	5.352	N.D. #
4)	L1 AR-1016-2	5.628	0.000	511366	0	3.581	N.D. #
5)	L1 AR-1016-3	5.692	0.000	50162	0	0.553	N.D. #
6)	L1 AR-1016-4	5.779	0.000	62652	0	0.925	N.D. #
7)	L1 AR-1016-5	6.101	0.000	344335	0	4.599	N.D. #
8)	L2 AR-1221-1	4.647	0.000	66114	0	1.636	N.D. #
9)	L2 AR-1221-2	4.733	3.930	912010	307932	30.095	28.197
10)	L2 AR-1221-3	4.801	0.000	78788	0	0.862	N.D. #
11)	L3 AR-1232-1	4.801	0.000	78788	0	1.079	N.D. #
12)	L3 AR-1232-2	5.326	0.000	32527	0	0.905	N.D. #
13)	L3 AR-1232-3	5.628	0.000	511366	0	7.811	N.D. #
14)	L3 AR-1232-4	5.779	0.000	62652	0	2.046	N.D. #
15)	L3 AR-1232-5	5.873	0.000	30553	0	1.101	N.D. #
16)	L4 AR-1242-1	5.628	0.000	511366	0	6.239	N.D. #
17)	L4 AR-1242-2	5.628	0.000	511366	0	4.261	N.D. #
18)	L4 AR-1242-3	5.692	0.000	50162	0	0.654	N.D. #
19)	L4 AR-1242-4	5.779	0.000	62652	0	1.093	N.D. #
20)	L4 AR-1242-5	6.543	0.000	343158	0	5.491	N.D. #
21)	L5 AR-1248-1	5.628	0.000	511366	0	8.226	N.D. #
22)	L5 AR-1248-2	5.873	0.000	30553	0	0.320	N.D. #
23)	L5 AR-1248-3	6.101	0.000	344335	0	3.309	N.D. #
24)	L5 AR-1248-4	6.497	0.000	781366	0	7.673	N.D. #
25)	L5 AR-1248-5	6.543	0.000	343158	0	3.352	N.D. #
26)	L6 AR-1254-1	6.444	0.000	64549	0	0.552	N.D. #
27)	L6 AR-1254-2	6.695	0.000	136879	0	0.801	N.D. #
28)	L6 AR-1254-3	7.055	0.000	1696374	0	10.204	N.D. #
29)	L6 AR-1254-4	7.356	6.375f	246297	360992	2.311	7.894 #
30)	L6 AR-1254-5	7.777	0.000	1245346	0	9.197	N.D. #
31)	L7 AR-1260-1	7.169f	0.000	533585	0	4.119	N.D. #
32)	L7 AR-1260-2	7.483	6.375	4288	360992	0.029	4.993 #
33)	L7 AR-1260-3	7.878	0.000	302696	0	2.691	N.D. #
34)	L7 AR-1260-4	8.093	0.000	563034	0	4.391	N.D. #
35)	L7 AR-1260-5	8.435	0.000	354288	0	1.586	N.D. #
36)	L8 AR-1262-1	7.777	0.000	1245346	0	12.528	N.D. #
37)	L8 AR-1262-2	8.435	0.000	354288	0	1.493	N.D. #
38)	L8 AR-1262-3	8.716	0.000	32932	0	0.195	N.D. #
39)	L8 AR-1262-4	8.814	0.000	230664	0	2.575	N.D. #
40)	L8 AR-1262-5	9.486	8.109	567094	87374	5.938	2.135 #
41)	L9 AR-1268-1	8.716	0.000	32932	0	0.103	N.D. #

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 Acq On : 19 Mar 2023 10:24
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

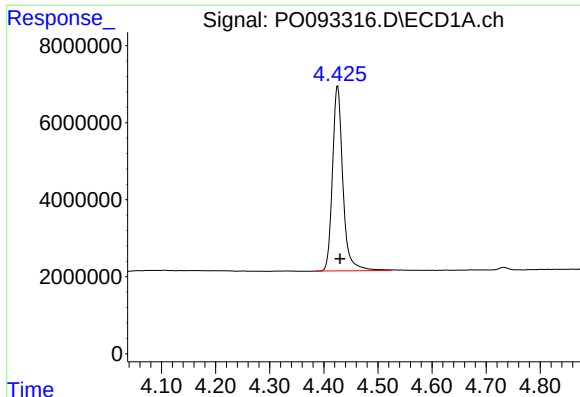
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 20:31:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031323.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	8.814	0.000	230664	0	0.795	N.D. #
43) L9	AR-1268-3	9.052	0.000	212046	0	0.831	N.D. #
44) L9	AR-1268-4	9.486	8.109	567094	87374	5.310	1.772 #
45) L9	AR-1268-5	9.928	0.000	18318	0	0.023	N.D. #

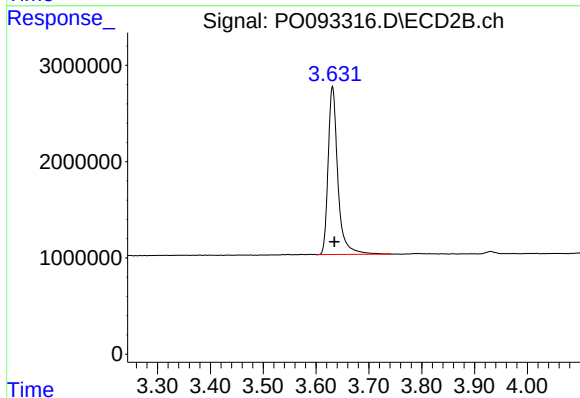
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

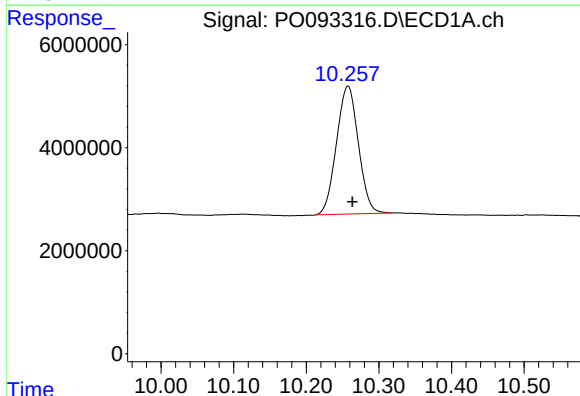
R.T.: 4.426 min
Delta R.T.: -0.004 min
Response: 64296627
Conc: 20.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



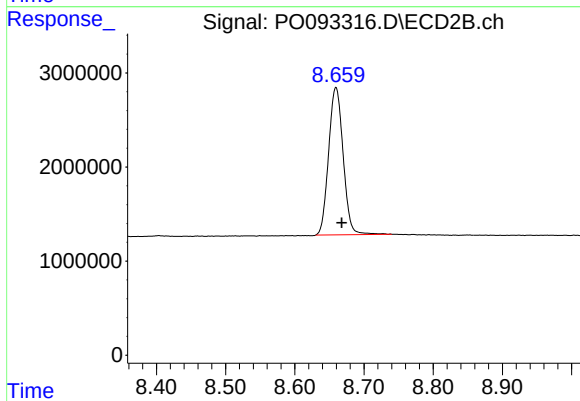
#1 Tetrachloro-m-xylene

R.T.: 3.631 min
Delta R.T.: -0.004 min
Response: 22322127
Conc: 19.79 ng/ml



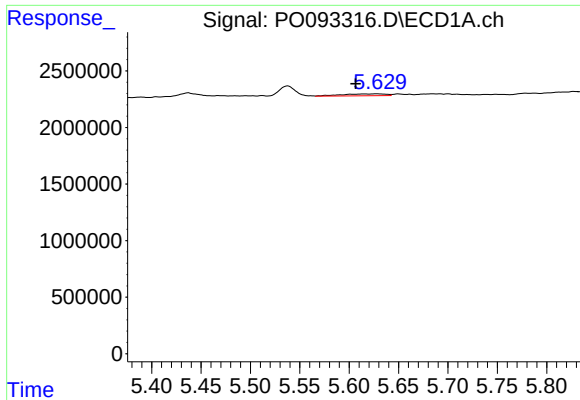
#2 Decachlorobiphenyl

R.T.: 10.258 min
Delta R.T.: -0.006 min
Response: 52007841
Conc: 24.03 ng/ml



#2 Decachlorobiphenyl

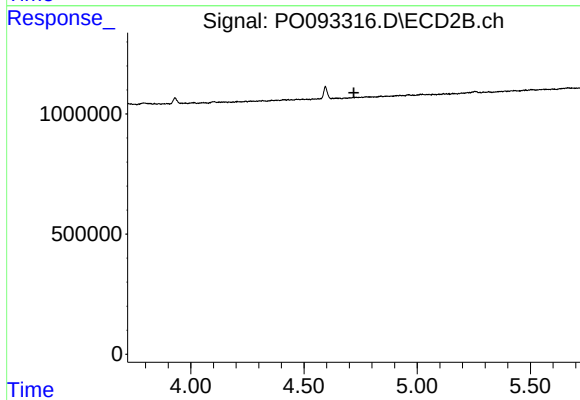
R.T.: 8.659 min
Delta R.T.: -0.009 min
Response: 22891594
Conc: 23.38 ng/ml



#3 AR-1016-1

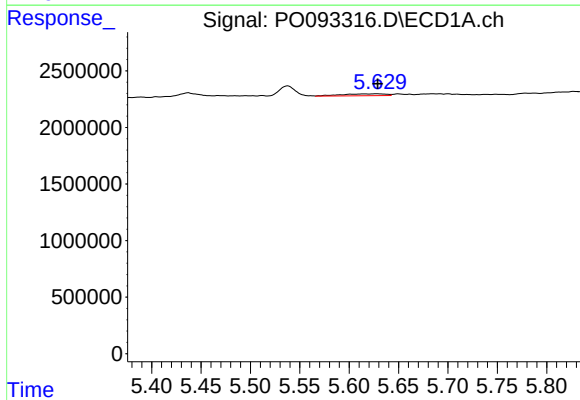
R.T.: 5.628 min
Delta R.T.: 0.021 min
Response: 511366
Conc: 5.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



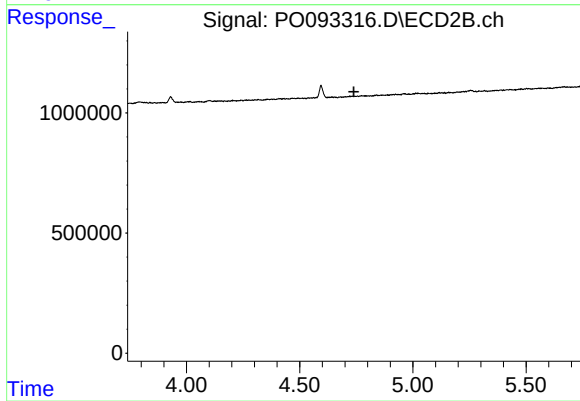
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.721 min
Response: 0
Conc: N.D.



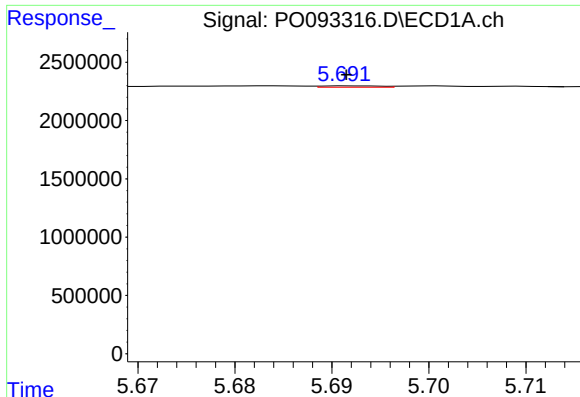
#4 AR-1016-2

R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 511366
Conc: 3.58 ng/ml



#4 AR-1016-2

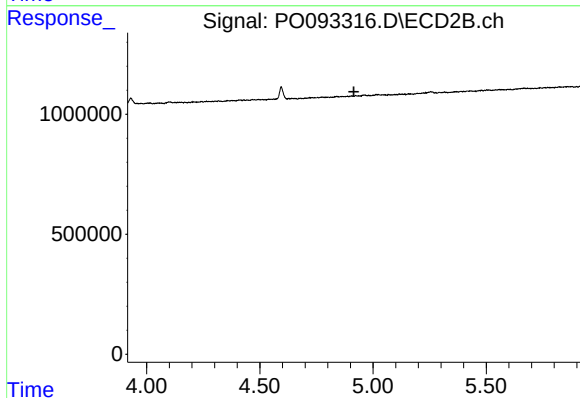
R.T.: 0.000 min
Exp R.T. : 4.739 min
Response: 0
Conc: N.D.



#5 AR-1016-3

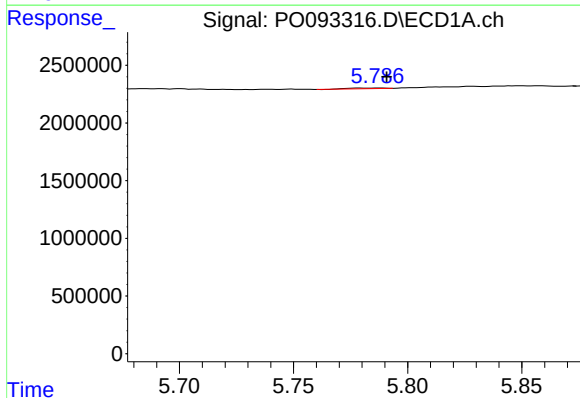
R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 50162
Conc: 0.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



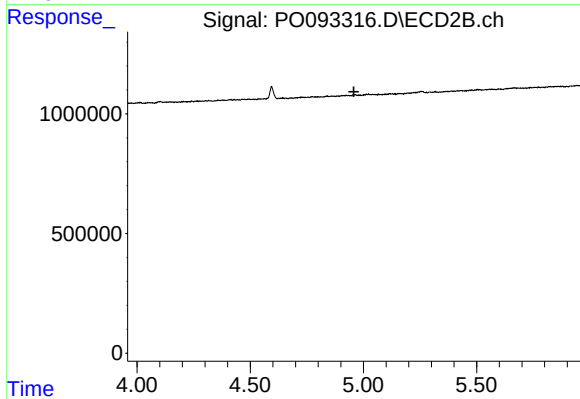
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.916 min
Response: 0
Conc: N.D.



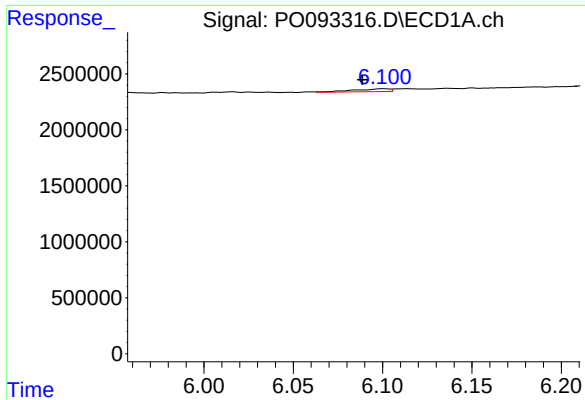
#6 AR-1016-4

R.T.: 5.779 min
Delta R.T.: -0.012 min
Response: 62652
Conc: 0.92 ng/ml



#6 AR-1016-4

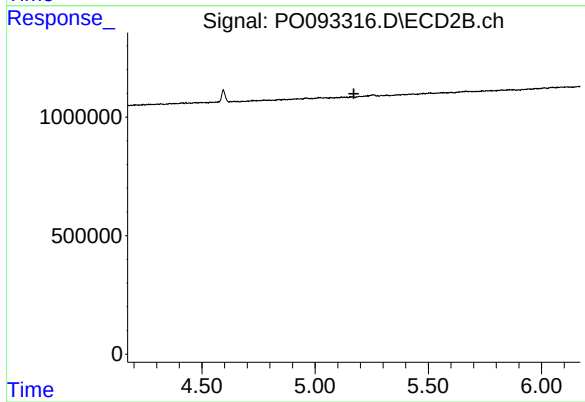
R.T.: 0.000 min
Exp R.T. : 4.958 min
Response: 0
Conc: N.D.



#7 AR-1016-5

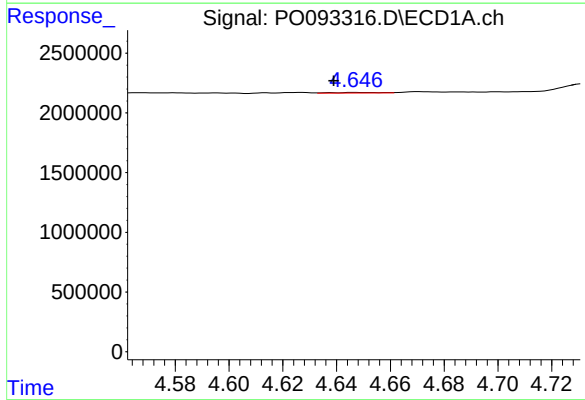
R.T.: 6.101 min
Delta R.T.: 0.012 min
Response: 344335
Conc: 4.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



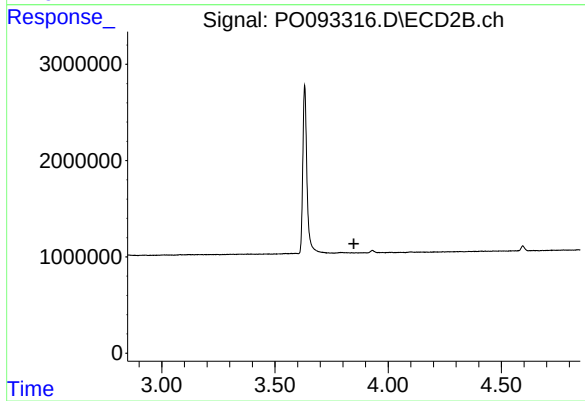
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.171 min
Response: 0
Conc: N.D.



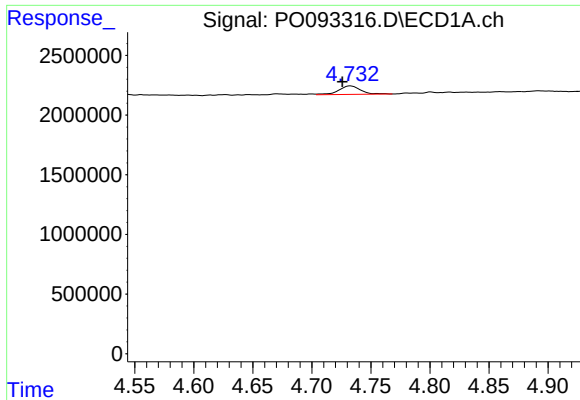
#8 AR-1221-1

R.T.: 4.647 min
Delta R.T.: 0.008 min
Response: 66114
Conc: 1.64 ng/ml



#8 AR-1221-1

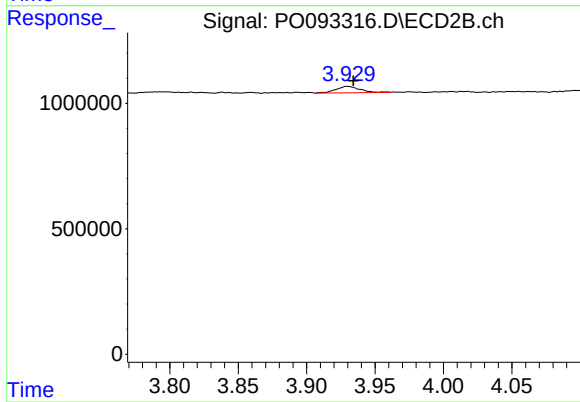
R.T.: 0.000 min
Exp R.T. : 3.849 min
Response: 0
Conc: N.D.



#9 AR-1221-2

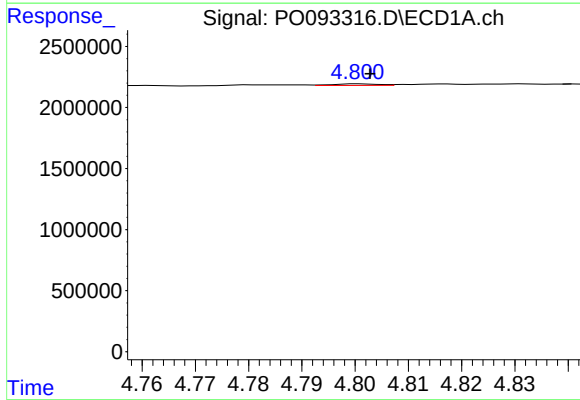
R.T.: 4.733 min
Delta R.T.: 0.007 min
Response: 912010
Conc: 30.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



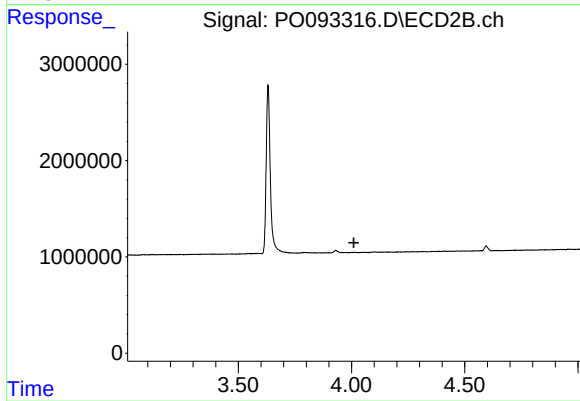
#9 AR-1221-2

R.T.: 3.930 min
Delta R.T.: -0.004 min
Response: 307932
Conc: 28.20 ng/ml



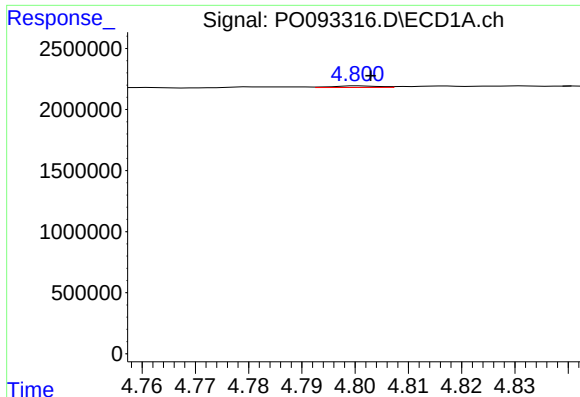
#10 AR-1221-3

R.T.: 4.801 min
Delta R.T.: -0.002 min
Response: 78788
Conc: 0.86 ng/ml



#10 AR-1221-3

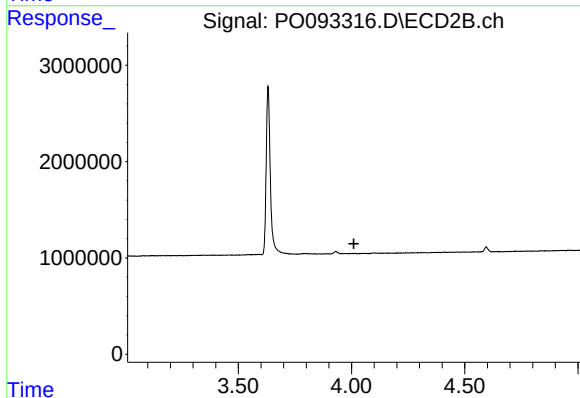
R.T.: 0.000 min
Exp R.T. : 4.010 min
Response: 0
Conc: N.D.



#11 AR-1232-1

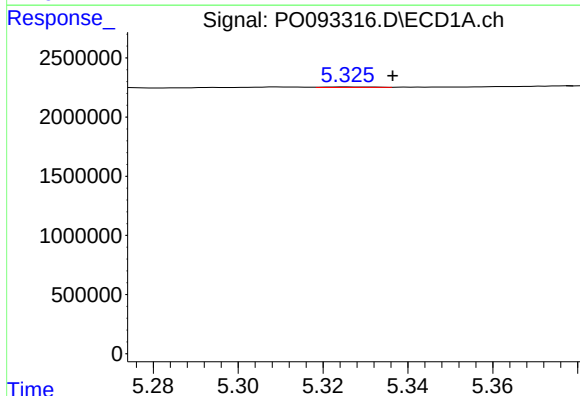
R.T.: 4.801 min
Delta R.T.: -0.002 min
Response: 78788
Conc: 1.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



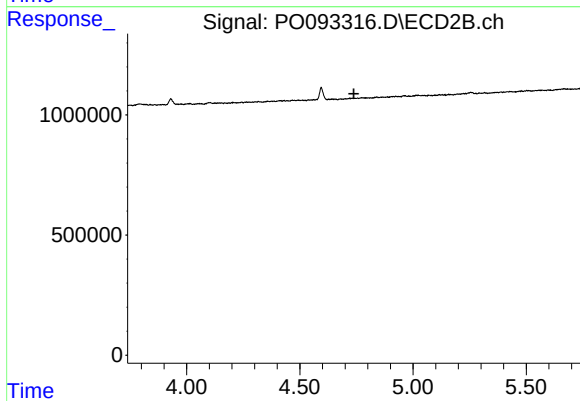
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.010 min
Response: 0
Conc: N.D.



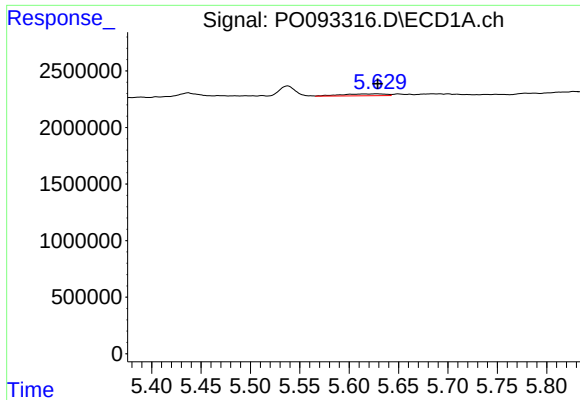
#12 AR-1232-2

R.T.: 5.326 min
Delta R.T.: -0.010 min
Response: 32527
Conc: 0.90 ng/ml



#12 AR-1232-2

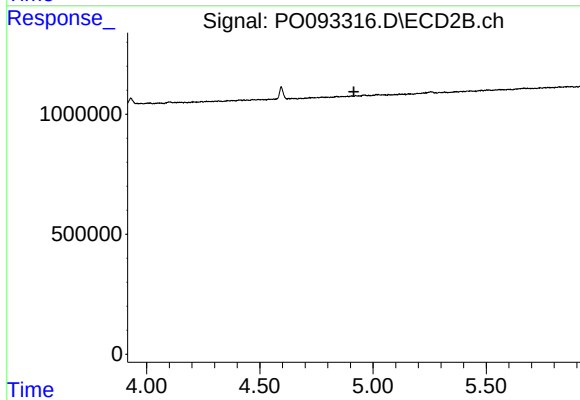
R.T.: 0.000 min
Exp R.T. : 4.739 min
Response: 0
Conc: N.D.



#13 AR-1232-3

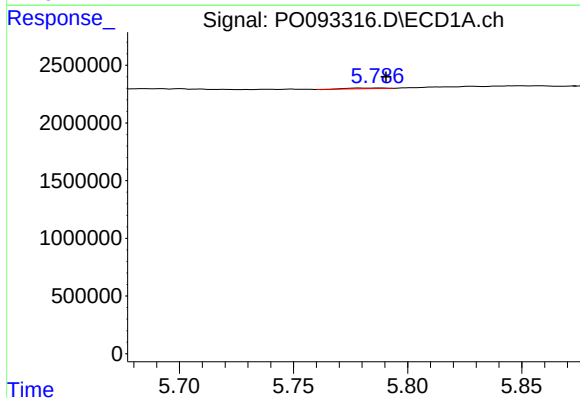
R.T.: 5.628 min
Delta R.T.: -0.001 min
Response: 511366
Conc: 7.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



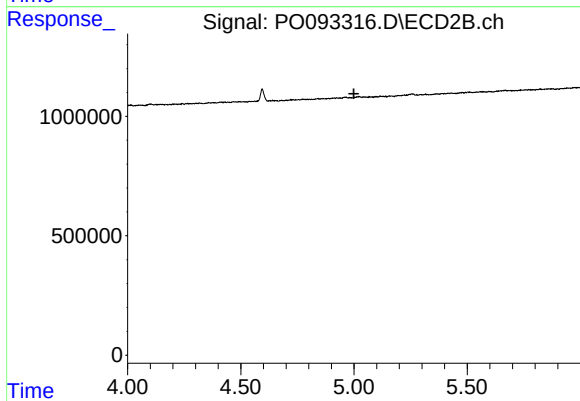
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.915 min
Response: 0
Conc: N.D.



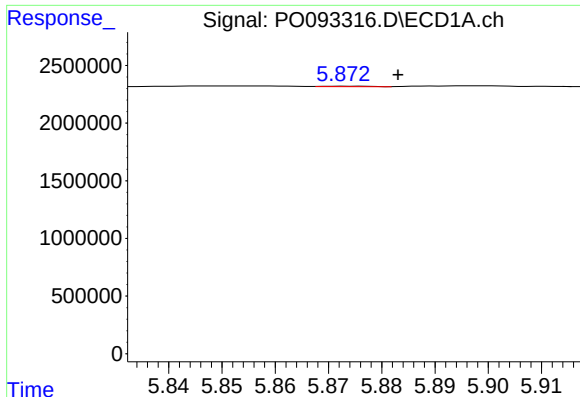
#14 AR-1232-4

R.T.: 5.779 min
Delta R.T.: -0.011 min
Response: 62652
Conc: 2.05 ng/ml



#14 AR-1232-4

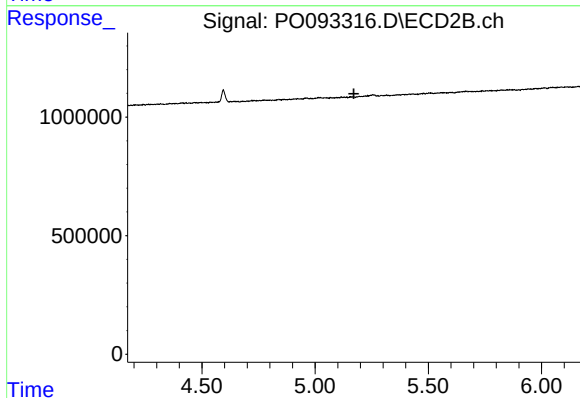
R.T.: 0.000 min
Exp R.T. : 5.000 min
Response: 0
Conc: N.D.



#15 AR-1232-5

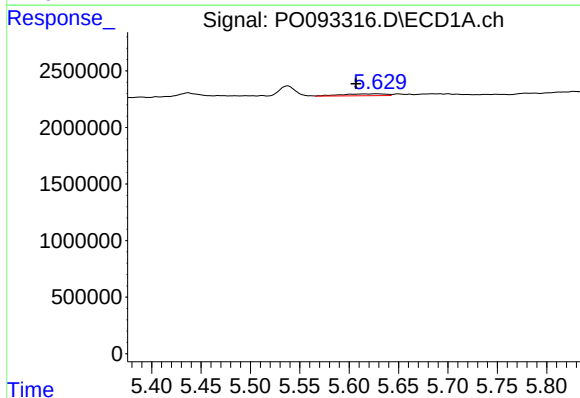
R.T.: 5.873 min
Delta R.T.: -0.010 min
Response: 30553
Conc: 1.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



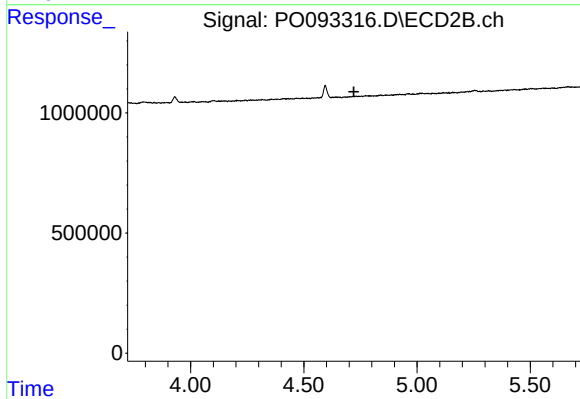
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.171 min
Response: 0
Conc: N.D.



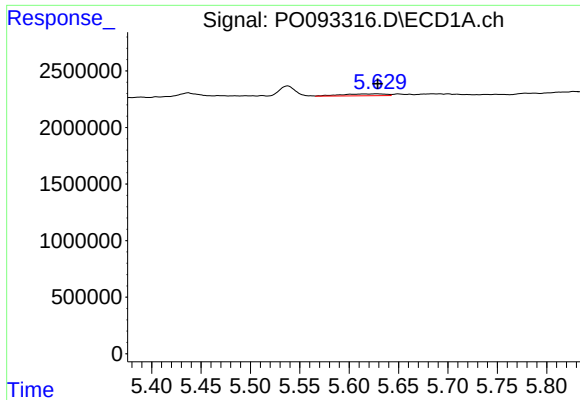
#16 AR-1242-1

R.T.: 5.628 min
Delta R.T.: 0.021 min
Response: 511366
Conc: 6.24 ng/ml



#16 AR-1242-1

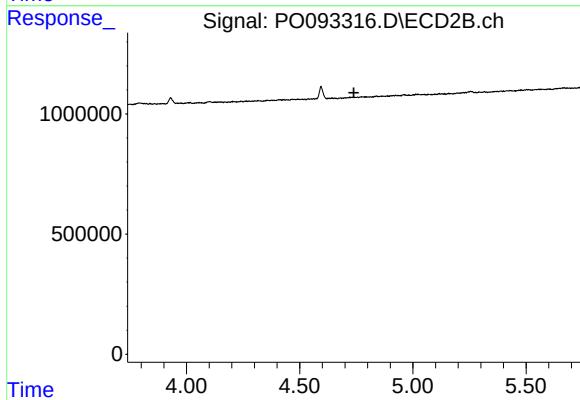
R.T.: 0.000 min
Exp R.T. : 4.721 min
Response: 0
Conc: N.D.



#17 AR-1242-2

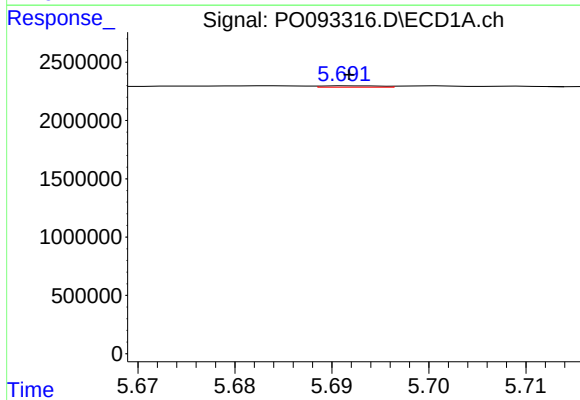
R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 511366
Conc: 4.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



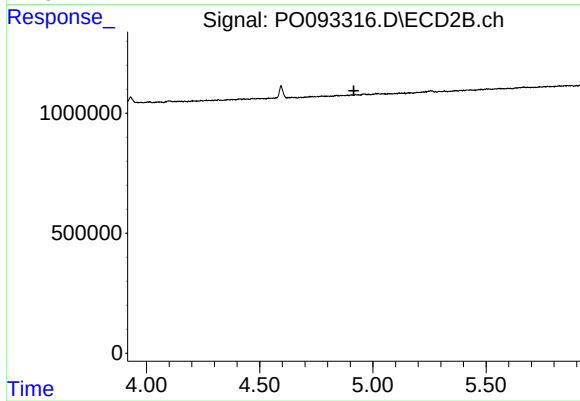
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.739 min
Response: 0
Conc: N.D.



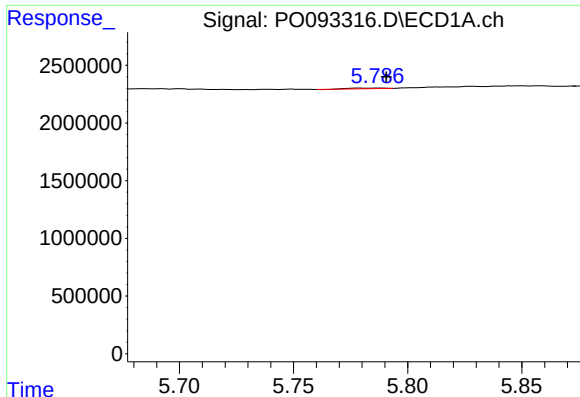
#18 AR-1242-3

R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 50162
Conc: 0.65 ng/ml



#18 AR-1242-3

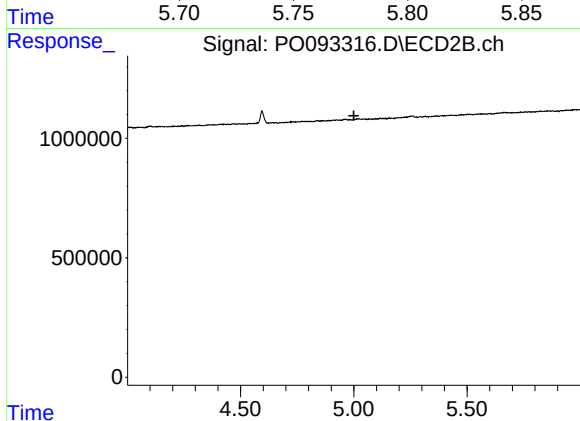
R.T.: 0.000 min
Exp R.T. : 4.916 min
Response: 0
Conc: N.D.



#19 AR-1242-4

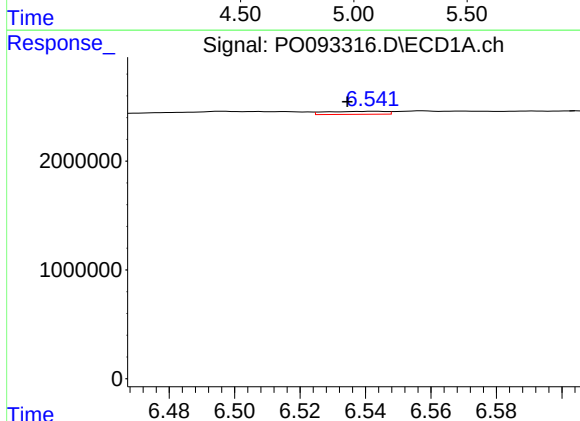
R.T.: 5.779 min
Delta R.T.: -0.012 min
Response: 62652
Conc: 1.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



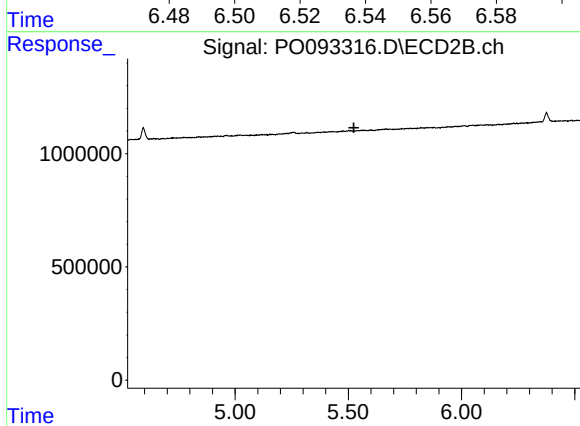
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.000 min
Response: 0
Conc: N.D.



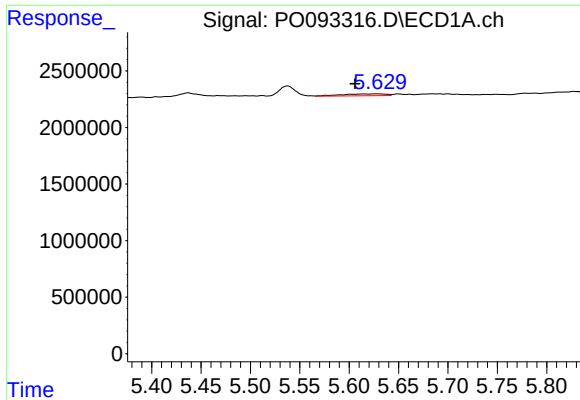
#20 AR-1242-5

R.T.: 6.543 min
Delta R.T.: 0.008 min
Response: 343158
Conc: 5.49 ng/ml



#20 AR-1242-5

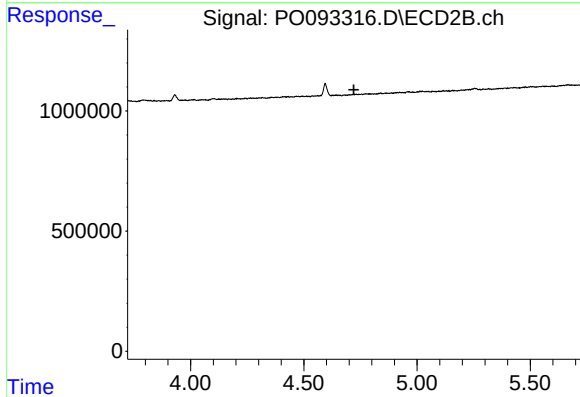
R.T.: 0.000 min
Exp R.T. : 5.524 min
Response: 0
Conc: N.D.



#21 AR-1248-1

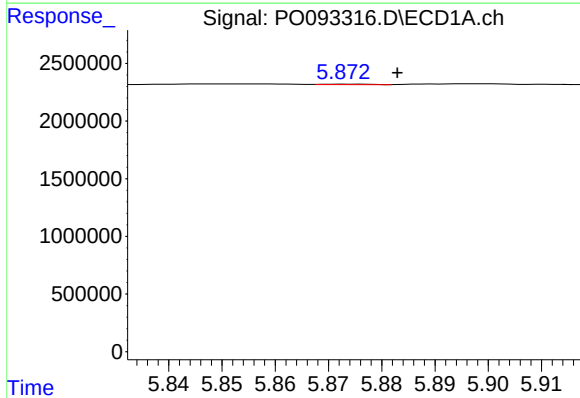
R.T.: 5.628 min
Delta R.T.: 0.022 min
Response: 511366
Conc: 8.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



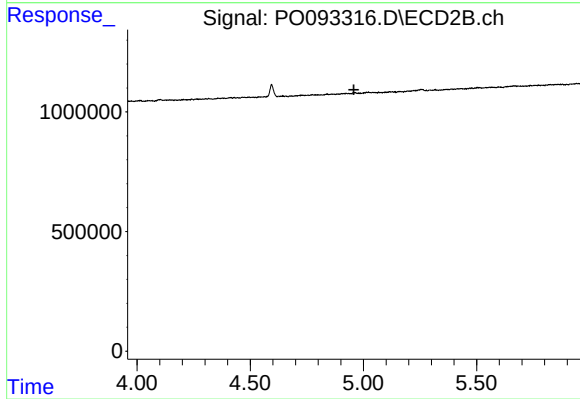
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.721 min
Response: 0
Conc: N.D.



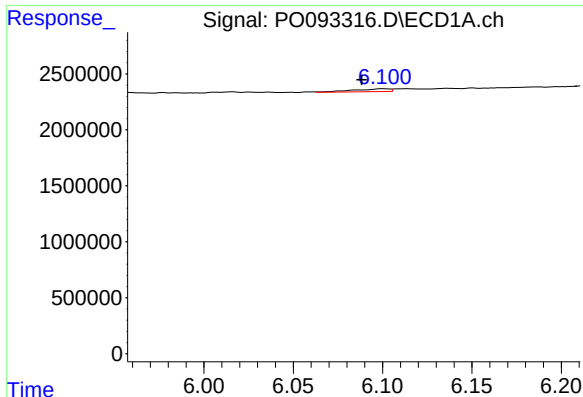
#22 AR-1248-2

R.T.: 5.873 min
Delta R.T.: -0.010 min
Response: 30553
Conc: 0.32 ng/ml



#22 AR-1248-2

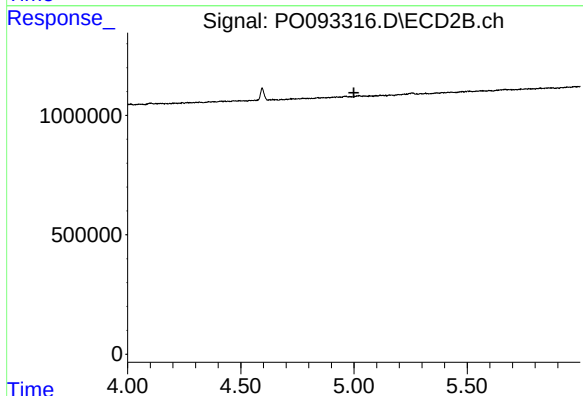
R.T.: 0.000 min
Exp R.T. : 4.958 min
Response: 0
Conc: N.D.



#23 AR-1248-3

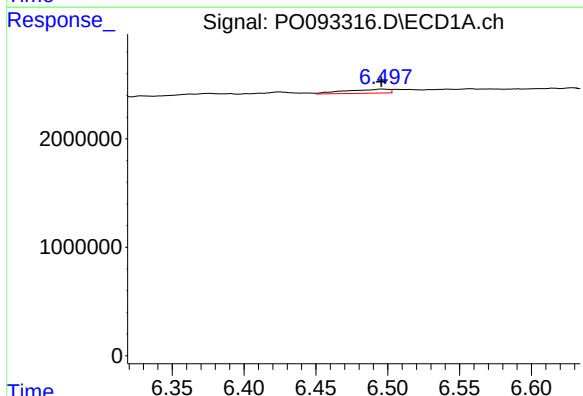
R.T.: 6.101 min
Delta R.T.: 0.012 min
Response: 344335
Conc: 3.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



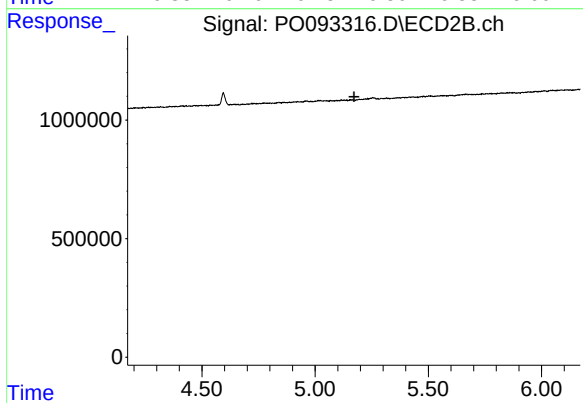
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.000 min
Response: 0
Conc: N.D.



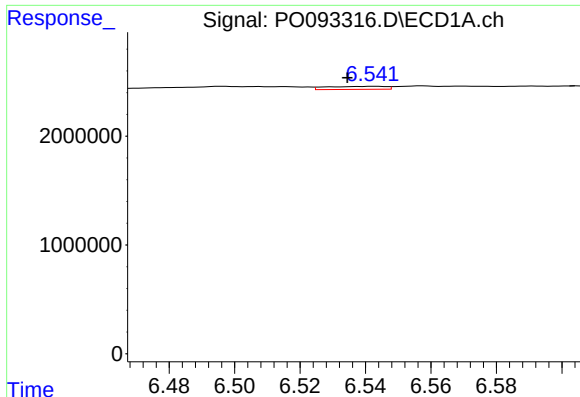
#24 AR-1248-4

R.T.: 6.497 min
Delta R.T.: 0.000 min
Response: 781366
Conc: 7.67 ng/ml



#24 AR-1248-4

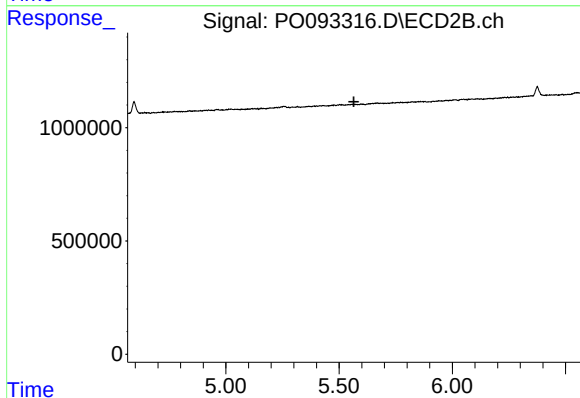
R.T.: 0.000 min
Exp R.T. : 5.172 min
Response: 0
Conc: N.D.



#25 AR-1248-5

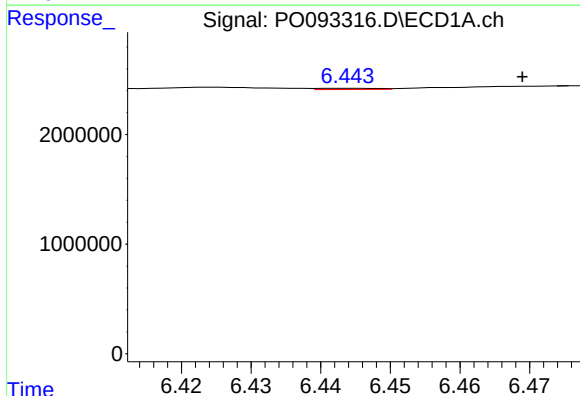
R.T.: 6.543 min
Delta R.T.: 0.008 min
Response: 343158
Conc: 3.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



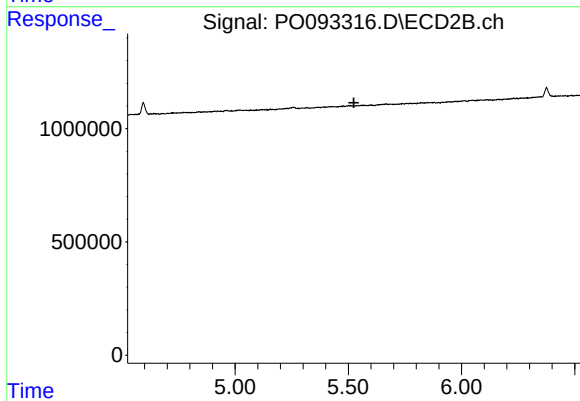
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.565 min
Response: 0
Conc: N.D.



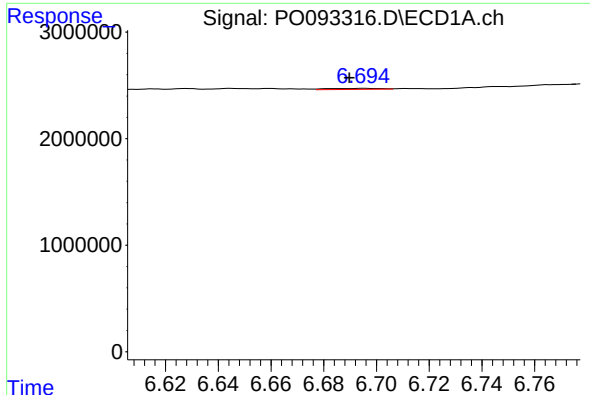
#26 AR-1254-1

R.T.: 6.444 min
Delta R.T.: -0.025 min
Response: 64549
Conc: 0.55 ng/ml



#26 AR-1254-1

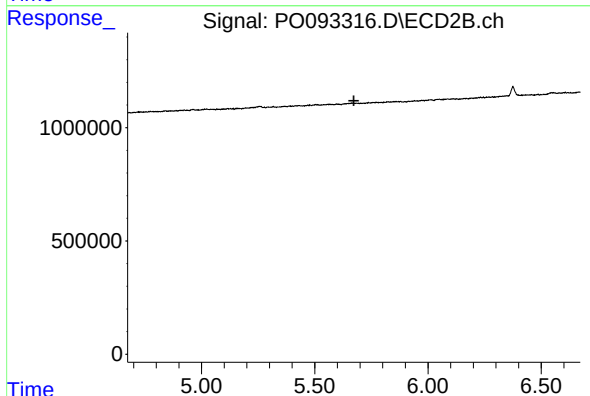
R.T.: 0.000 min
Exp R.T. : 5.524 min
Response: 0
Conc: N.D.



#27 AR-1254-2

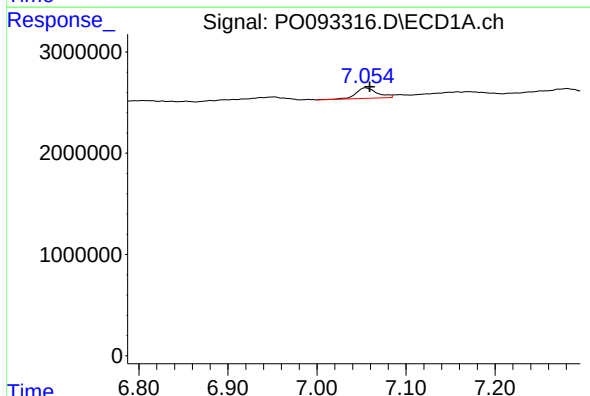
R.T.: 6.695 min
Delta R.T.: 0.006 min
Response: 136879
Conc: 0.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



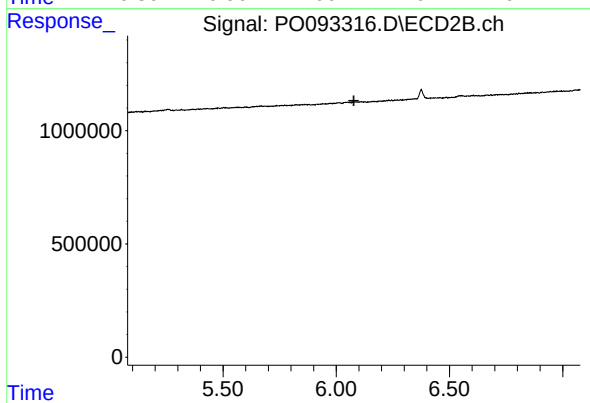
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.673 min
Response: 0
Conc: N.D.



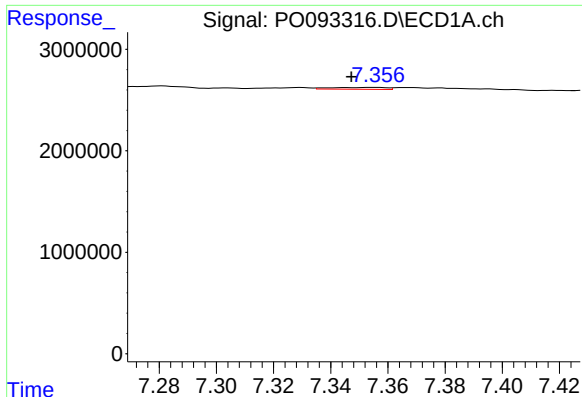
#28 AR-1254-3

R.T.: 7.055 min
Delta R.T.: -0.005 min
Response: 1696374
Conc: 10.20 ng/ml



#28 AR-1254-3

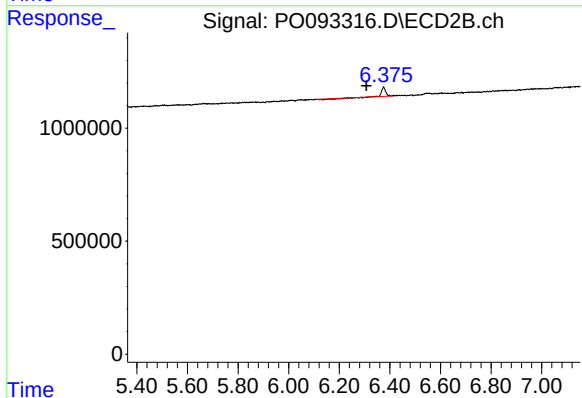
R.T.: 0.000 min
Exp R.T. : 6.078 min
Response: 0
Conc: N.D.



#29 AR-1254-4

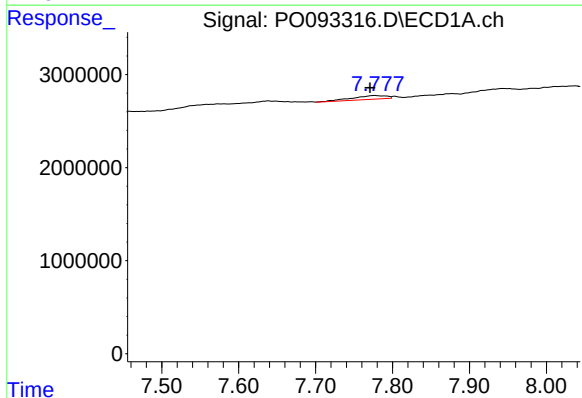
R.T.: 7.356 min
Delta R.T.: 0.008 min
Response: 246297
Conc: 2.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



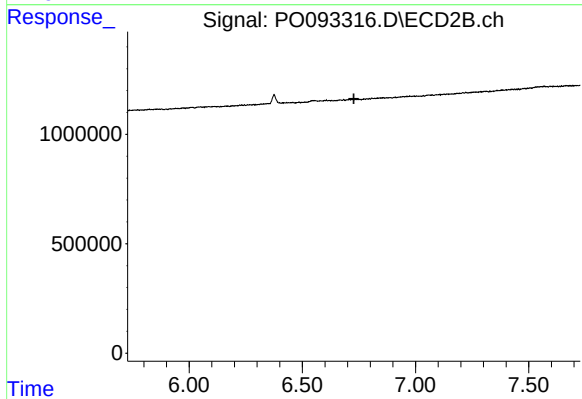
#29 AR-1254-4

R.T.: 6.375 min
Delta R.T.: 0.068 min
Response: 360992
Conc: 7.89 ng/ml



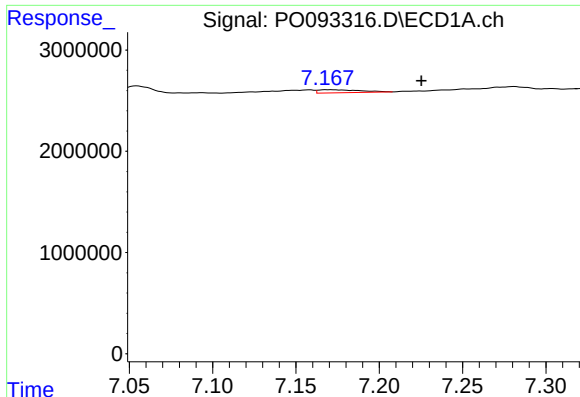
#30 AR-1254-5

R.T.: 7.777 min
Delta R.T.: 0.006 min
Response: 1245346
Conc: 9.20 ng/ml



#30 AR-1254-5

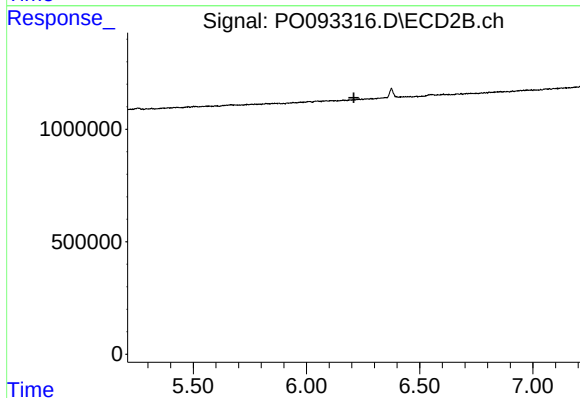
R.T.: 0.000 min
Exp R.T.: 6.728 min
Response: 0
Conc: N.D.



#31 AR-1260-1

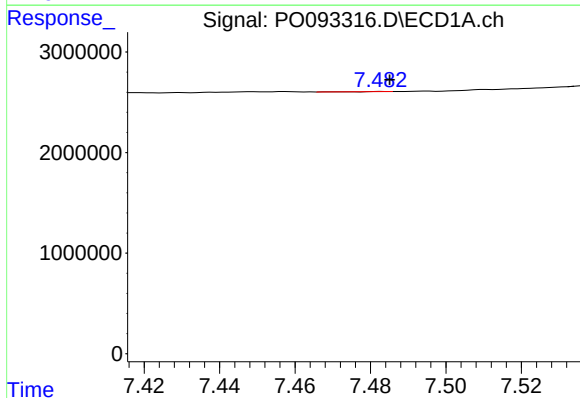
R.T.: 7.169 min
Delta R.T.: -0.056 min
Response: 533585
Conc: 4.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



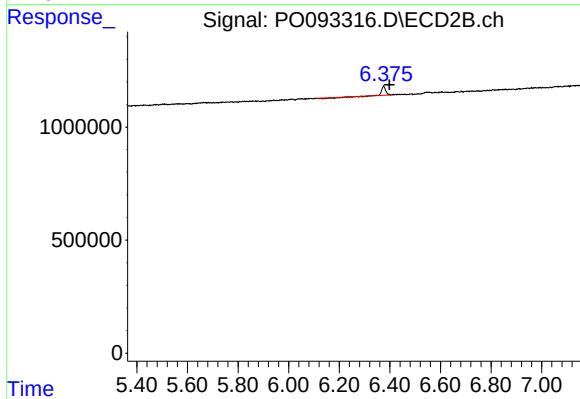
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.210 min
Response: 0
Conc: N.D.



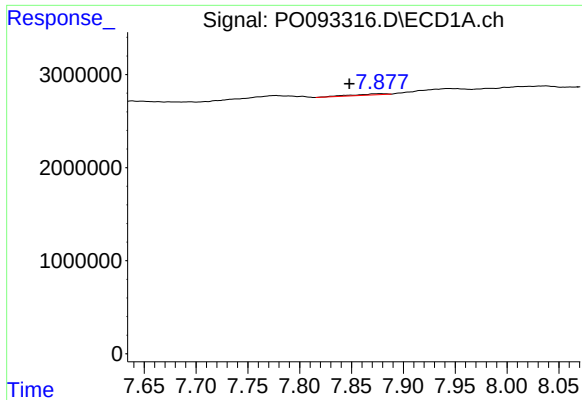
#32 AR-1260-2

R.T.: 7.483 min
Delta R.T.: -0.002 min
Response: 4288
Conc: 0.03 ng/ml



#32 AR-1260-2

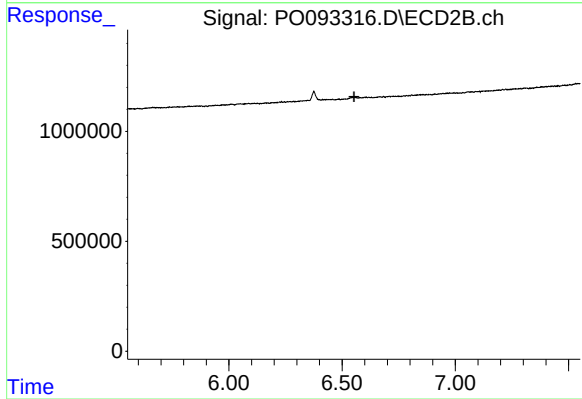
R.T.: 6.375 min
Delta R.T.: -0.023 min
Response: 360992
Conc: 4.99 ng/ml



#33 AR-1260-3

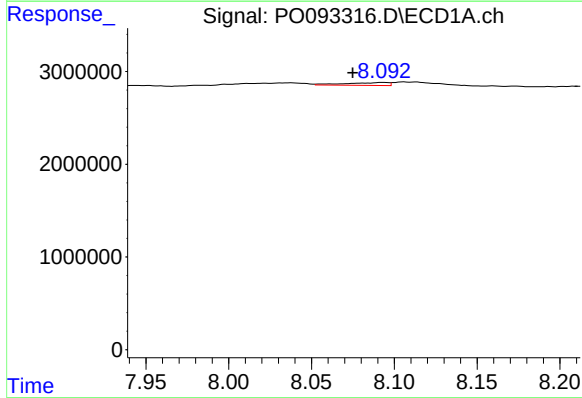
R.T.: 7.878 min
Delta R.T.: 0.029 min
Response: 302696
Conc: 2.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



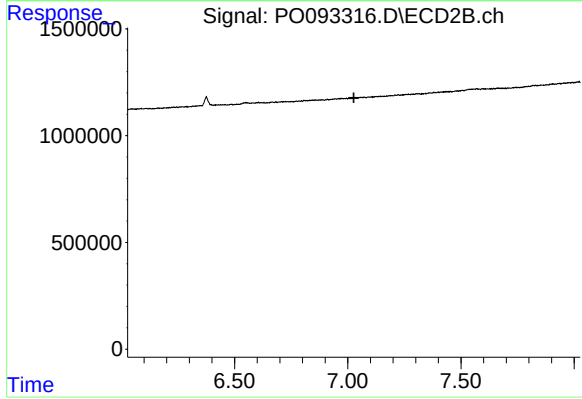
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.552 min
Response: 0
Conc: N.D.



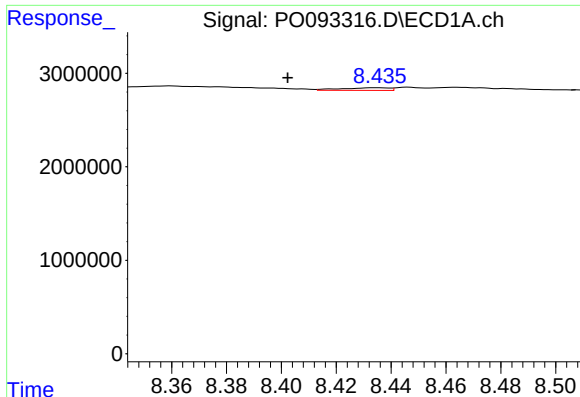
#34 AR-1260-4

R.T.: 8.093 min
Delta R.T.: 0.018 min
Response: 563034
Conc: 4.39 ng/ml



#34 AR-1260-4

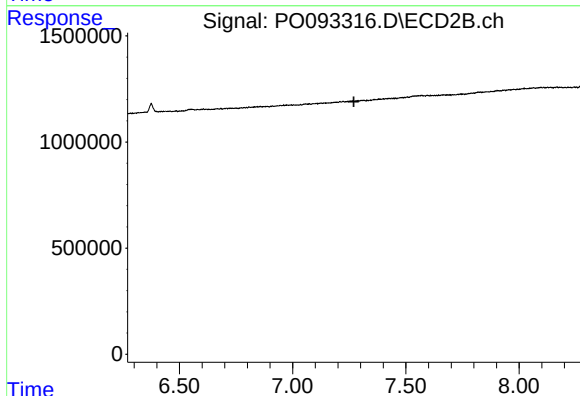
R.T.: 0.000 min
Exp R.T. : 7.027 min
Response: 0
Conc: N.D.



#35 AR-1260-5

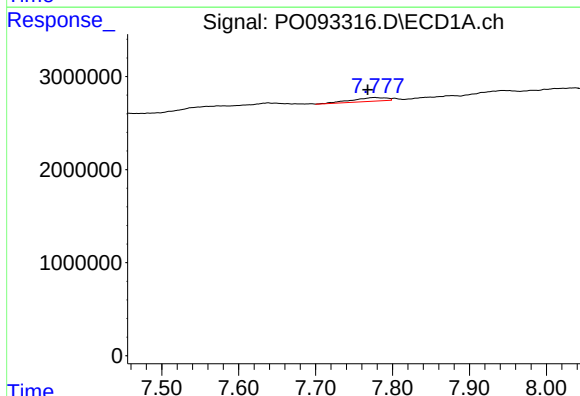
R.T.: 8.435 min
Delta R.T.: 0.032 min
Response: 354288
Conc: 1.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



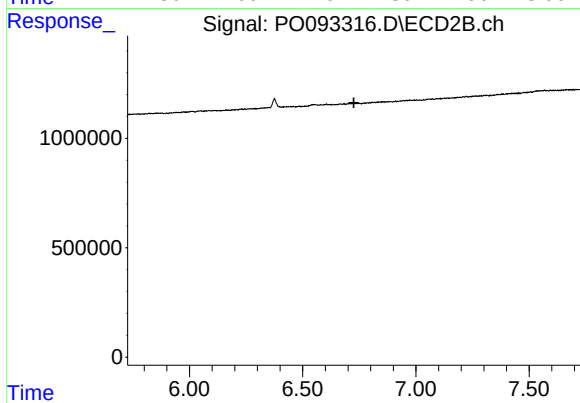
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.270 min
Response: 0
Conc: N.D.



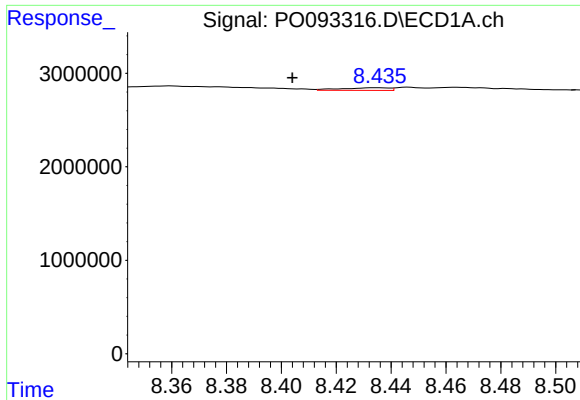
#36 AR-1262-1

R.T.: 7.777 min
Delta R.T.: 0.009 min
Response: 1245346
Conc: 12.53 ng/ml



#36 AR-1262-1

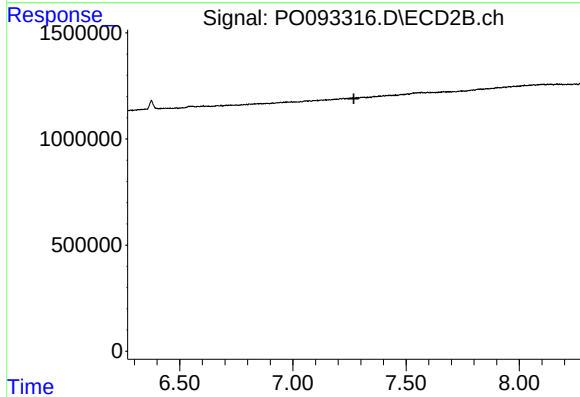
R.T.: 0.000 min
Exp R.T. : 6.726 min
Response: 0
Conc: N.D.



#37 AR-1262-2

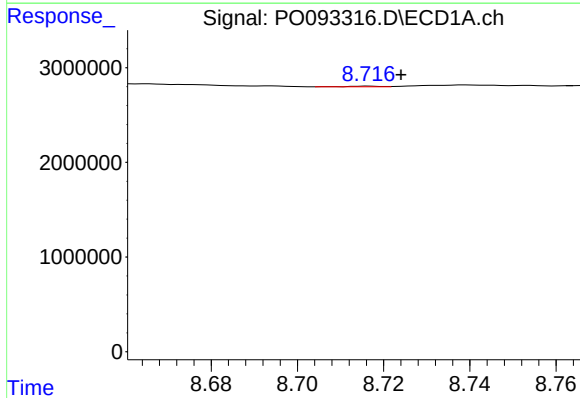
R.T.: 8.435 min
Delta R.T.: 0.031 min
Response: 354288
Conc: 1.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



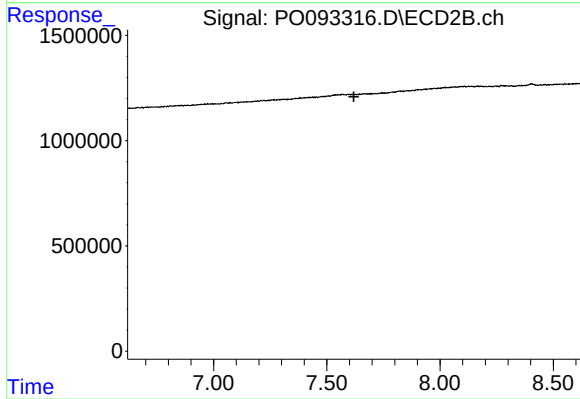
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.270 min
Response: 0
Conc: N.D.



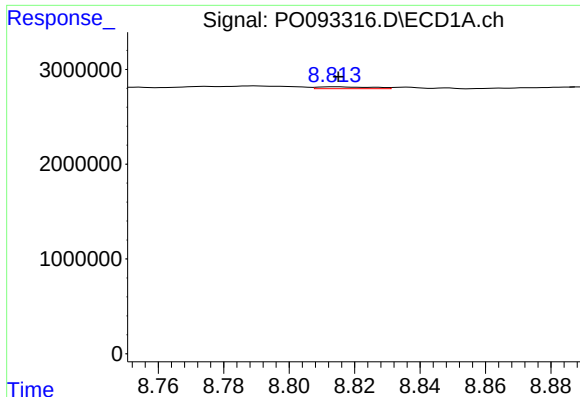
#38 AR-1262-3

R.T.: 8.716 min
Delta R.T.: -0.008 min
Response: 32932
Conc: 0.20 ng/ml



#38 AR-1262-3

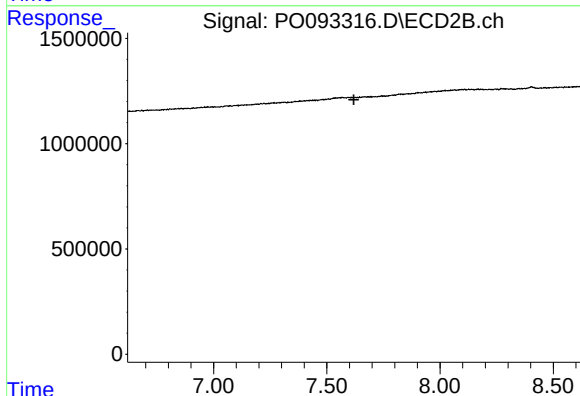
R.T.: 0.000 min
Exp R.T. : 7.620 min
Response: 0
Conc: N.D.



#39 AR-1262-4

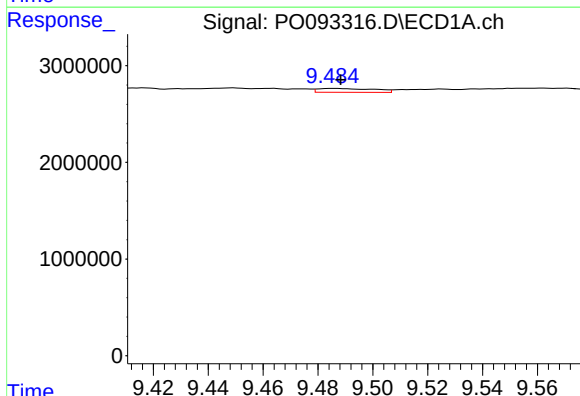
R.T.: 8.814 min
Delta R.T.: 0.000 min
Response: 230664
Conc: 2.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



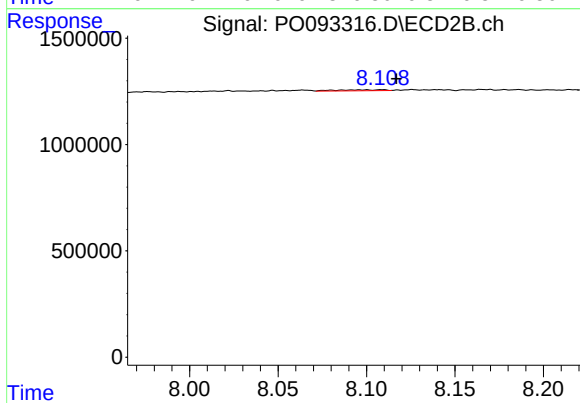
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 7.620 min
Response: 0
Conc: N.D.



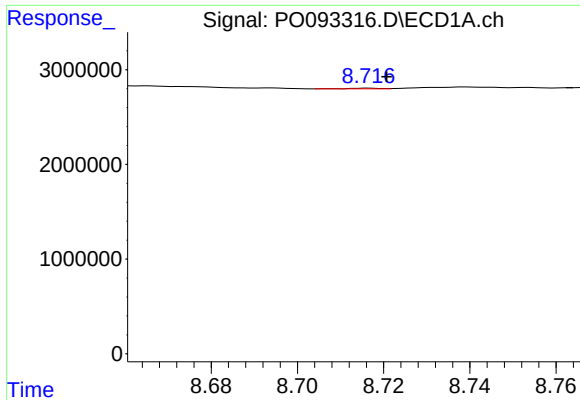
#40 AR-1262-5

R.T.: 9.486 min
Delta R.T.: -0.002 min
Response: 567094
Conc: 5.94 ng/ml



#40 AR-1262-5

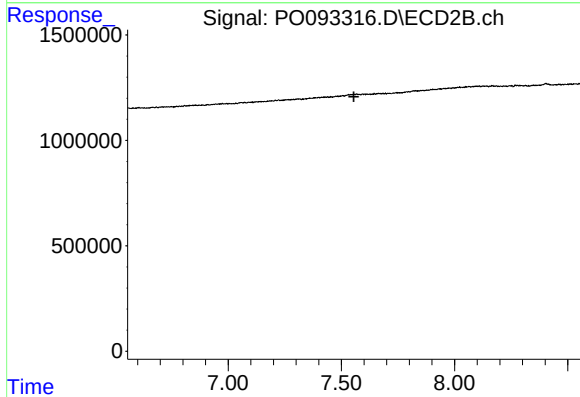
R.T.: 8.109 min
Delta R.T.: -0.008 min
Response: 87374
Conc: 2.13 ng/ml



#41 AR-1268-1

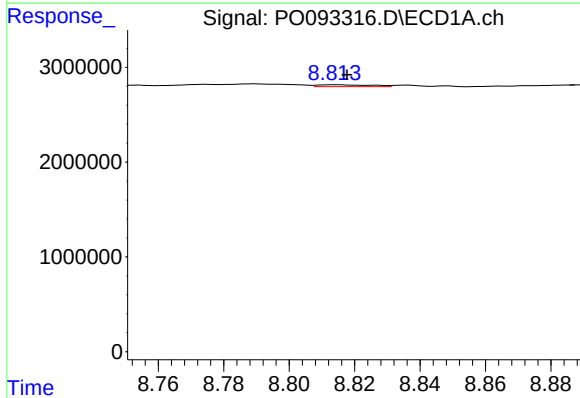
R.T.: 8.716 min
Delta R.T.: -0.004 min
Response: 32932
Conc: 0.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



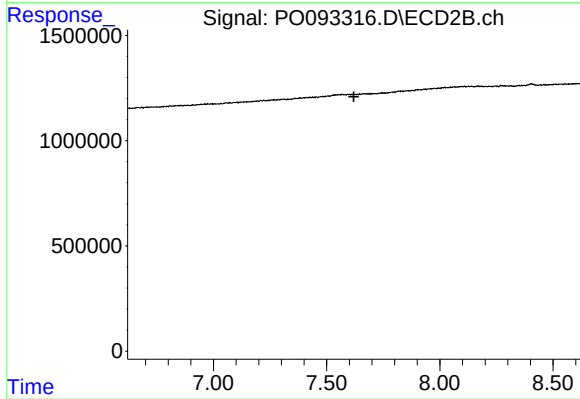
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.555 min
Response: 0
Conc: N.D.



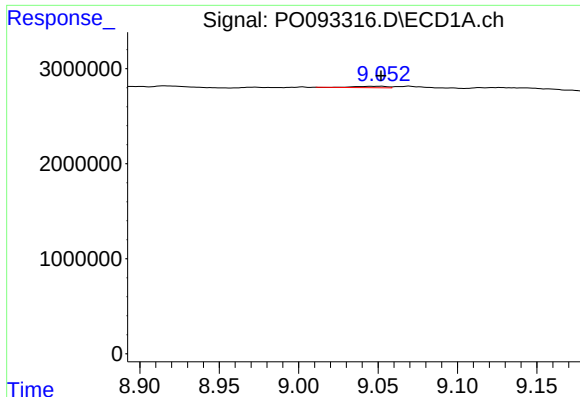
#42 AR-1268-2

R.T.: 8.814 min
Delta R.T.: -0.004 min
Response: 230664
Conc: 0.79 ng/ml



#42 AR-1268-2

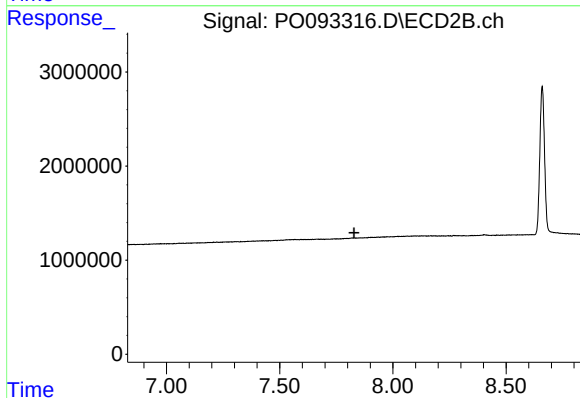
R.T.: 0.000 min
Exp R.T. : 7.620 min
Response: 0
Conc: N.D.



#43 AR-1268-3

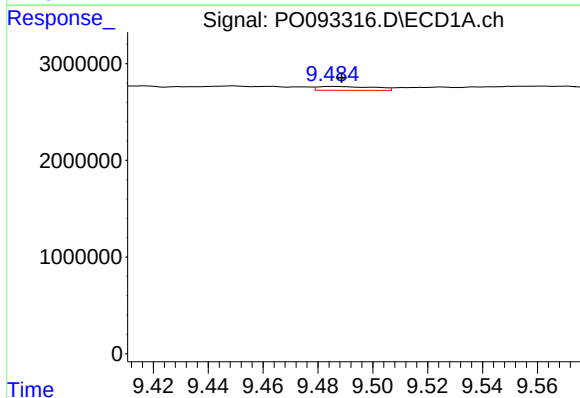
R.T.: 9.052 min
Delta R.T.: 0.000 min
Response: 212046
Conc: 0.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



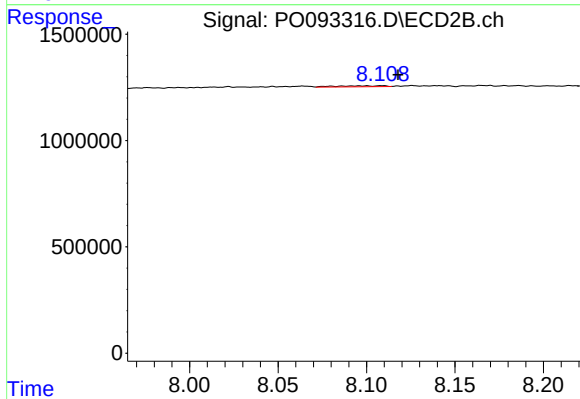
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.828 min
Response: 0
Conc: N.D.



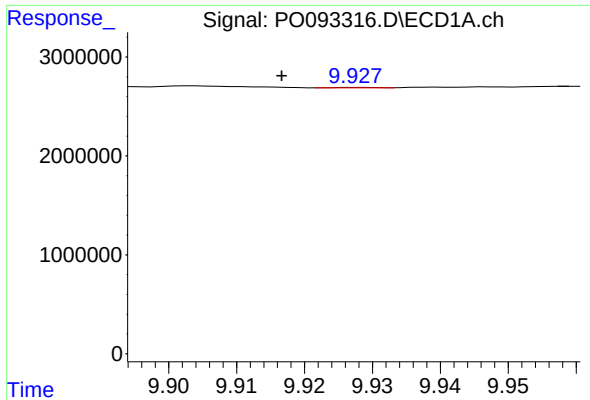
#44 AR-1268-4

R.T.: 9.486 min
Delta R.T.: -0.003 min
Response: 567094
Conc: 5.31 ng/ml



#44 AR-1268-4

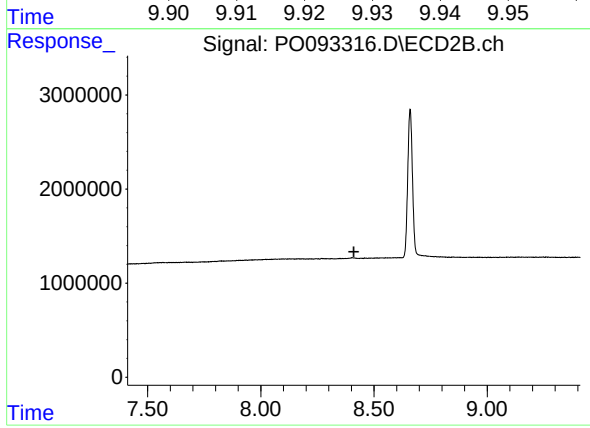
R.T.: 8.109 min
Delta R.T.: -0.009 min
Response: 87374
Conc: 1.77 ng/ml



#45 AR-1268-5

R.T.: 9.928 min
Delta R.T.: 0.012 min
Response: 18318
Conc: 0.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.411 min
Response: 0
Conc: N.D.