

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0040423\
 Data File : P0093775.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Apr 2023 11:07
 Operator : YP/AJ
 Sample : 02156-06 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 17:46:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0040323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Apr 04 06:20:55 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...	4.423	3.627	7108169	2565920	1.901	2.015
2)	SA Decachlor...	10.251	8.650	5030725	2265964	2.249	2.266
Target Compounds							
3)	L1 AR-1016-1	5.588	0.000	213638	0	2.089	N.D. #
4)	L1 AR-1016-2	5.622	0.000	113960	0	0.731	N.D. #
5)	L1 AR-1016-3	5.677	0.000	59705	0	0.605	N.D. #
6)	L1 AR-1016-4	5.795	0.000	3730	0	0.051	N.D. #
7)	L1 AR-1016-5	6.081	0.000	563692	0	6.658	N.D. #
8)	L2 AR-1221-1	4.643	0.000	33889	0	0.735	N.D. #
9)	L2 AR-1221-2	4.726	0.000	116380	0	3.390	N.D. #
10)	L2 AR-1221-3	4.796	0.000	158666	0	1.515	N.D. #
11)	L3 AR-1232-1	4.796	0.000	158666	0	1.818	N.D. #
12)	L3 AR-1232-2	5.392f	0.000	16420	0	0.384	N.D. #
13)	L3 AR-1232-3	5.622	0.000	113960	0	1.551	N.D. #
14)	L3 AR-1232-4	5.795	0.000	3730	0	0.108	N.D. #
15)	L3 AR-1232-5	5.876	0.000	32375	0	1.019	N.D. #
16)	L4 AR-1242-1	5.588	0.000	213638	0	2.448	N.D. #
17)	L4 AR-1242-2	5.622	0.000	113960	0	0.857	N.D. #
18)	L4 AR-1242-3	5.677	0.000	59705	0	0.703	N.D. #
19)	L4 AR-1242-4	5.795	0.000	3730	0	0.060	N.D. #
20)	L4 AR-1242-5	6.516	5.538	522889	395720	7.766	13.880 #
21)	L5 AR-1248-1	5.588	0.000	213638	0	3.175	N.D. #
22)	L5 AR-1248-2	5.876	0.000	32375	0	0.296	N.D. #
23)	L5 AR-1248-3	6.081	0.000	563692	0	4.669	N.D. #
24)	L5 AR-1248-4	6.486	0.000	338725	0	3.154	N.D. #
25)	L5 AR-1248-5	6.516	5.538	522889	395720	4.507	10.599 #
26)	L6 AR-1254-1	6.463	5.538	1014159	395720	7.478	5.789
27)	L6 AR-1254-2	6.681	0.000	499348	0	2.555	N.D. #
28)	L6 AR-1254-3	7.048	0.000	1062442	0	5.751	N.D. #
29)	L6 AR-1254-4	7.332	0.000	36724	0	0.362	N.D. #
30)	L6 AR-1254-5	7.771	0.000	1491555	0	10.999	N.D. #
31)	L7 AR-1260-1	7.213	0.000	11992	0	0.082	N.D. #
32)	L7 AR-1260-2	7.497	0.000	1115987	0	6.973	N.D. #
33)	L7 AR-1260-3	7.838	0.000	326974	0	2.463	N.D. #
34)	L7 AR-1260-4	8.087	0.000	1615442	0	11.728	N.D. #
35)	L7 AR-1260-5	8.398	0.000	1995352	0	9.162	N.D. #
36)	L8 AR-1262-1	7.838	0.000	326974	0	1.914	N.D. #
37)	L8 AR-1262-2	8.398	0.000	1995352	0	8.584	N.D. #
38)	L8 AR-1262-3	8.678	0.000	740461	0	4.520	N.D. #
39)	L8 AR-1262-4	8.833	7.665f	171732	2508374	1.714	30.246 #
40)	L8 AR-1262-5	9.471	0.000	453692	0	5.637	N.D. #
41)	L9 AR-1268-1	8.678	0.000	740461	0	2.200	N.D. #

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 ALS Vial : 12 Sample Multiplier: 1

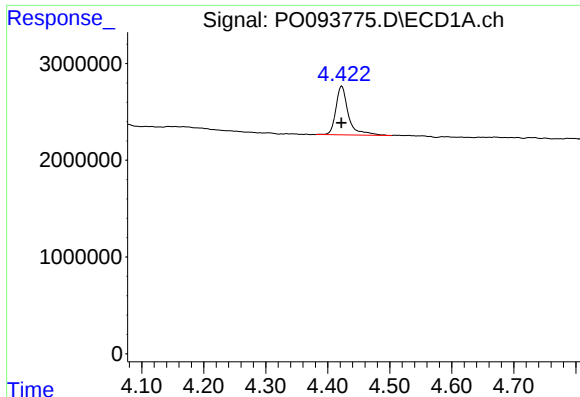
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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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	8.833	7.665f	171732	2508374	0.534	18.463 #
43) L9	AR-1268-3	9.029	0.000	53878	0	0.190	N.D. #
44) L9	AR-1268-4	9.471	0.000	453692	0	4.692	N.D. #
45) L9	AR-1268-5	9.911	0.000	53134	0	0.063	N.D. #

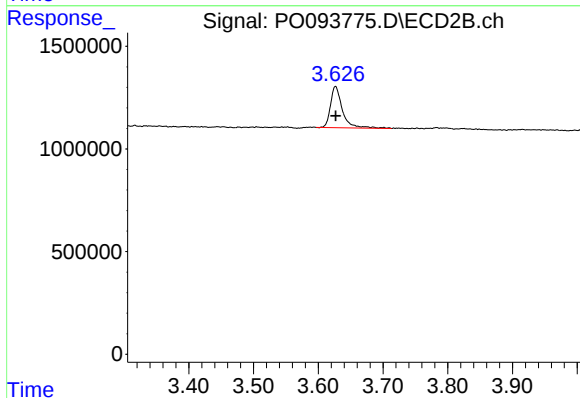
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

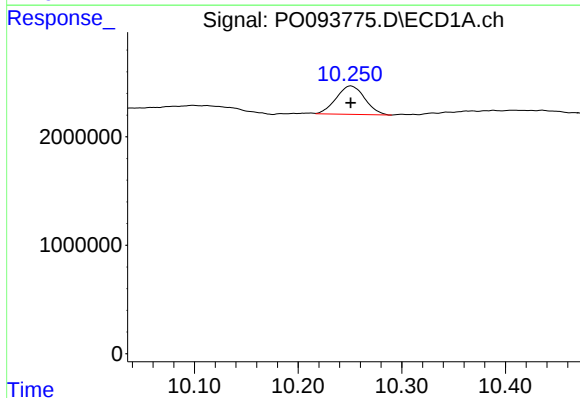
R.T.: 4.423 min
Delta R.T.: 0.000 min
Response: 7108169
Conc: 1.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



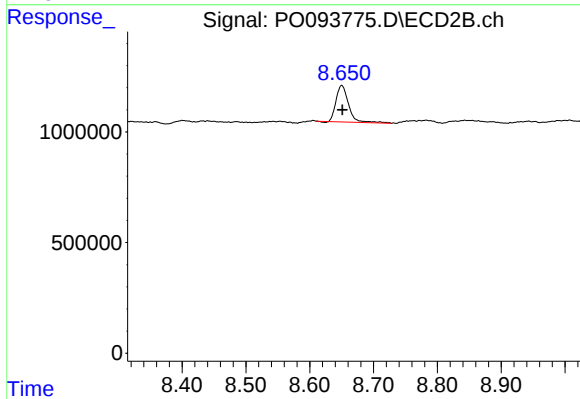
#1 Tetrachloro-m-xylene

R.T.: 3.627 min
Delta R.T.: 0.000 min
Response: 2565920
Conc: 2.01 ng/ml



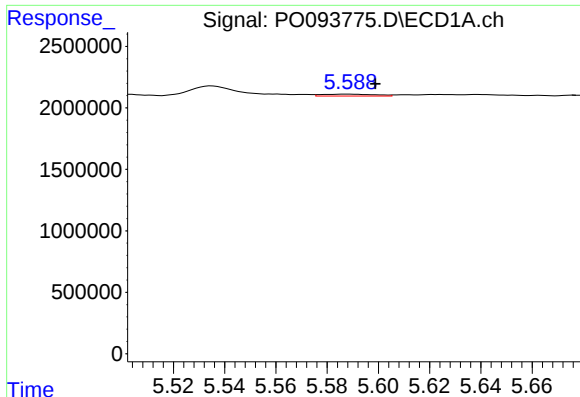
#2 Decachlorobiphenyl

R.T.: 10.251 min
Delta R.T.: 0.000 min
Response: 5030725
Conc: 2.25 ng/ml



#2 Decachlorobiphenyl

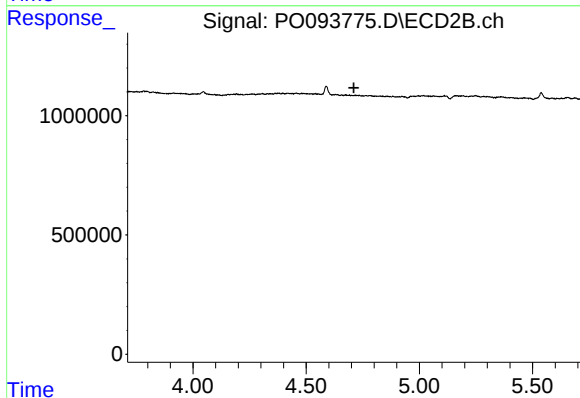
R.T.: 8.650 min
Delta R.T.: -0.001 min
Response: 2265964
Conc: 2.27 ng/ml



#3 AR-1016-1

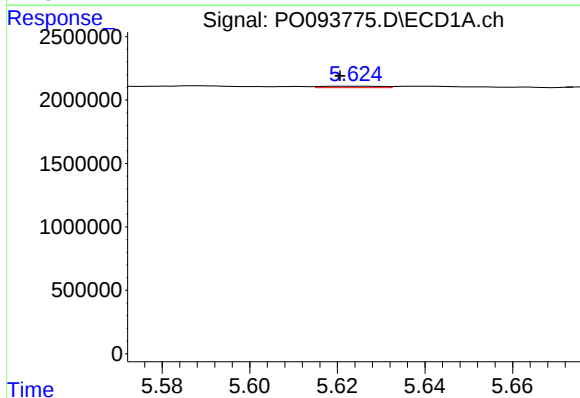
R.T.: 5.588 min
Delta R.T.: -0.011 min
Response: 213638
Conc: 2.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



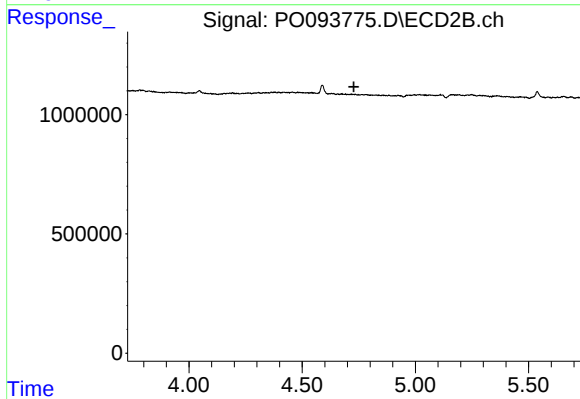
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



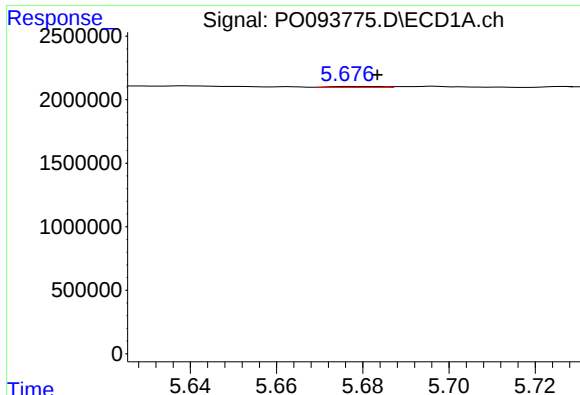
#4 AR-1016-2

R.T.: 5.622 min
Delta R.T.: 0.002 min
Response: 113960
Conc: 0.73 ng/ml



#4 AR-1016-2

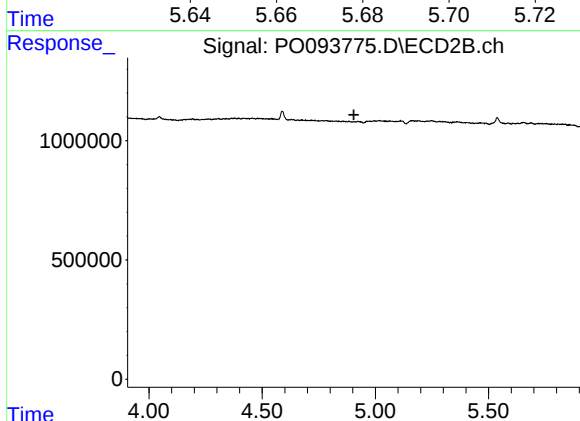
R.T.: 0.000 min
Exp R.T. : 4.729 min
Response: 0
Conc: N.D.



#5 AR-1016-3

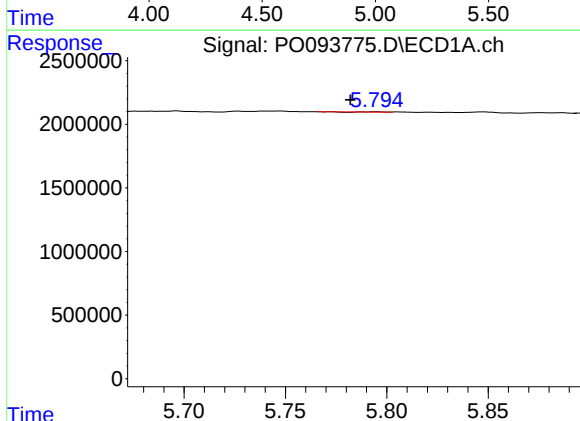
R.T.: 5.677 min
Delta R.T.: -0.006 min
Response: 59705
Conc: 0.61 ng/ml

Instrument :
ECD_O
ClientSampleId :



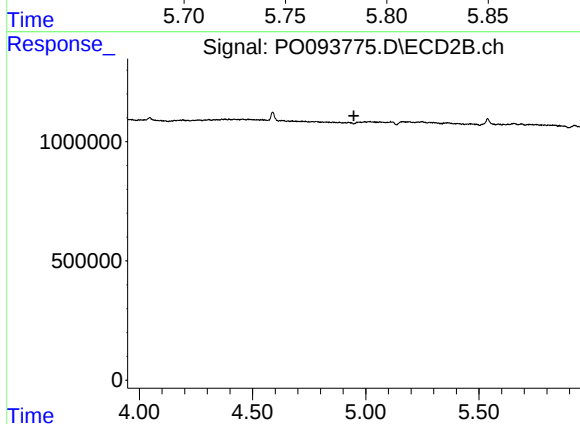
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.905 min
Response: 0
Conc: N.D.



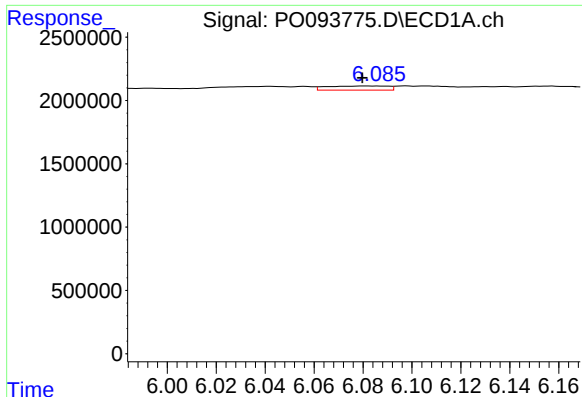
#6 AR-1016-4

R.T.: 5.795 min
Delta R.T.: 0.012 min
Response: 3730
Conc: 0.05 ng/ml



#6 AR-1016-4

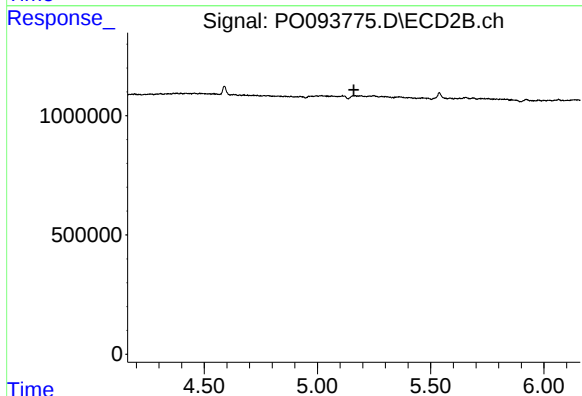
R.T.: 0.000 min
Exp R.T. : 4.948 min
Response: 0
Conc: N.D.



#7 AR-1016-5

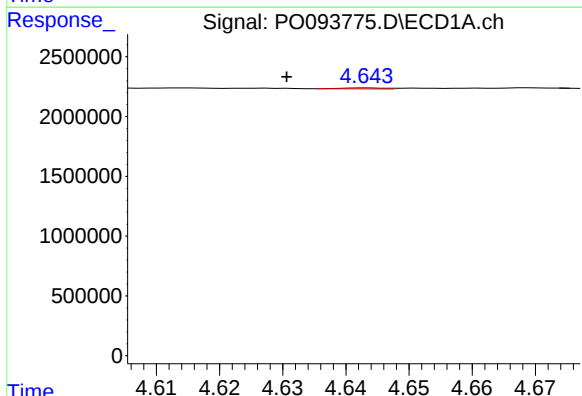
R.T.: 6.081 min
Delta R.T.: 0.001 min
Response: 563692
Conc: 6.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



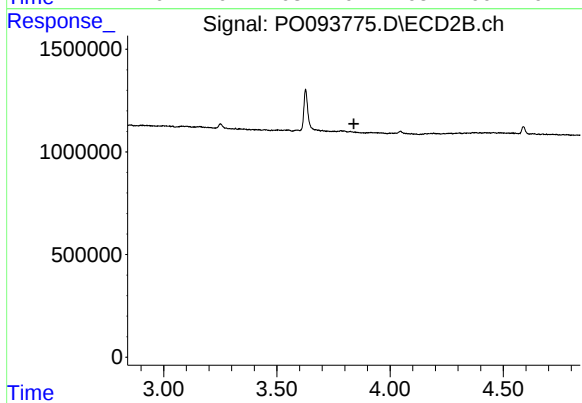
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.161 min
Response: 0
Conc: N.D.



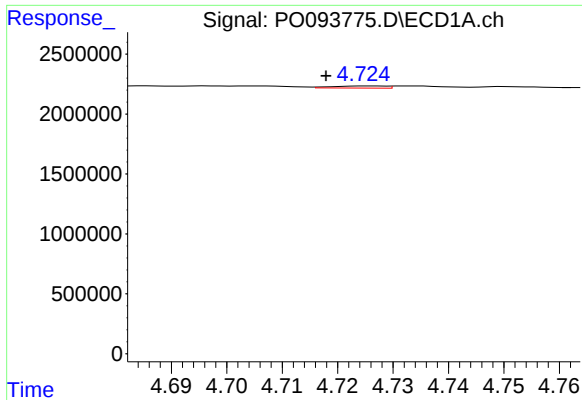
#8 AR-1221-1

R.T.: 4.643 min
Delta R.T.: 0.013 min
Response: 33889
Conc: 0.73 ng/ml



#8 AR-1221-1

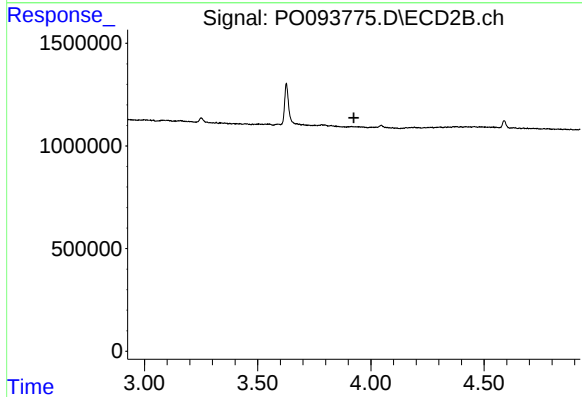
R.T.: 0.000 min
Exp R.T. : 3.840 min
Response: 0
Conc: N.D.



#9 AR-1221-2

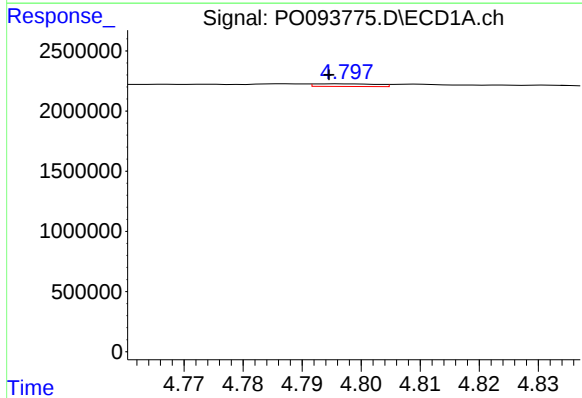
R.T.: 4.726 min
Delta R.T.: 0.008 min
Response: 116380
Conc: 3.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



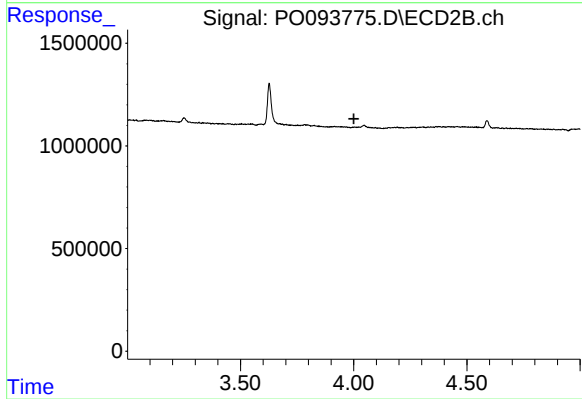
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.925 min
Response: 0
Conc: N.D.



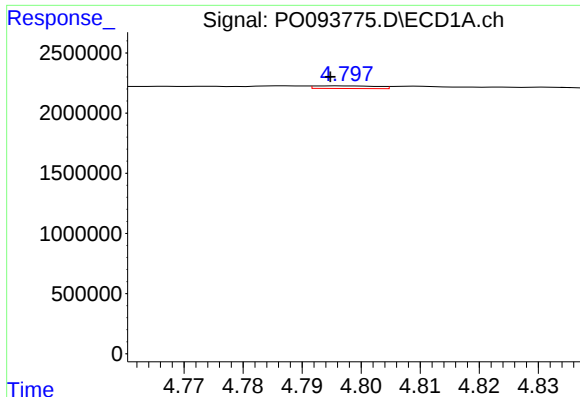
#10 AR-1221-3

R.T.: 4.796 min
Delta R.T.: 0.001 min
Response: 158666
Conc: 1.51 ng/ml



#10 AR-1221-3

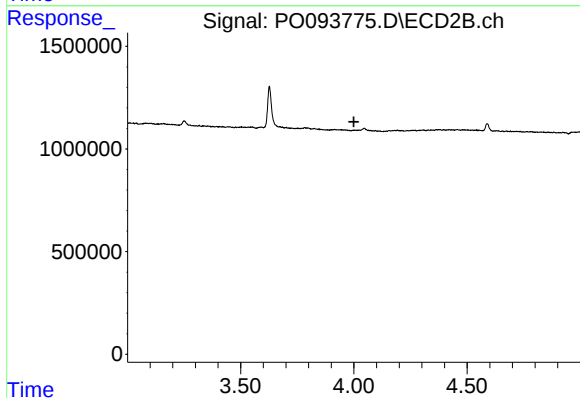
R.T.: 0.000 min
Exp R.T. : 4.000 min
Response: 0
Conc: N.D.



#11 AR-1232-1

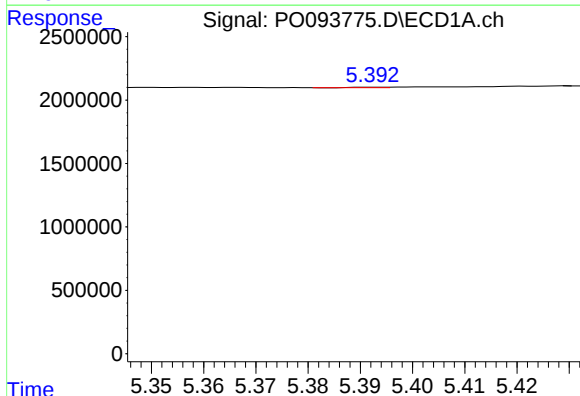
R.T.: 4.796 min
Delta R.T.: 0.000 min
Response: 158666
Conc: 1.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



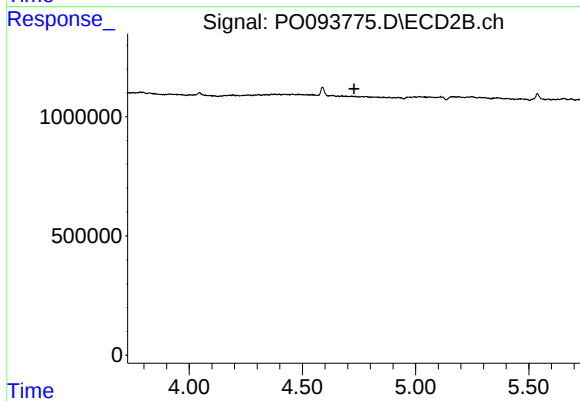
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.000 min
Response: 0
Conc: N.D.



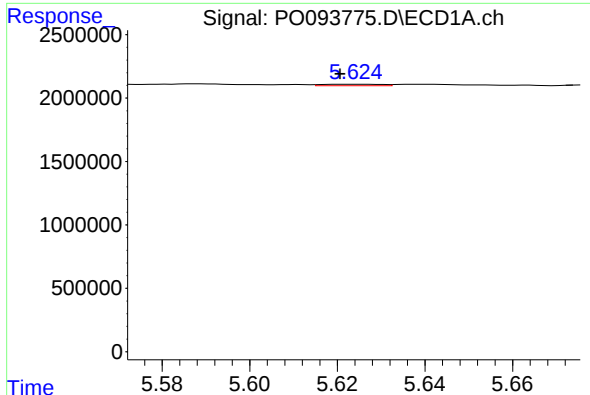
#12 AR-1232-2

R.T.: 5.392 min
Delta R.T.: 0.064 min
Response: 16420
Conc: 0.38 ng/ml



#12 AR-1232-2

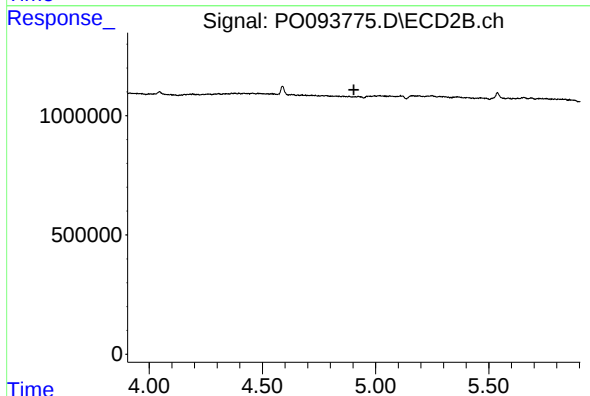
R.T.: 0.000 min
Exp R.T. : 4.728 min
Response: 0
Conc: N.D.



#13 AR-1232-3

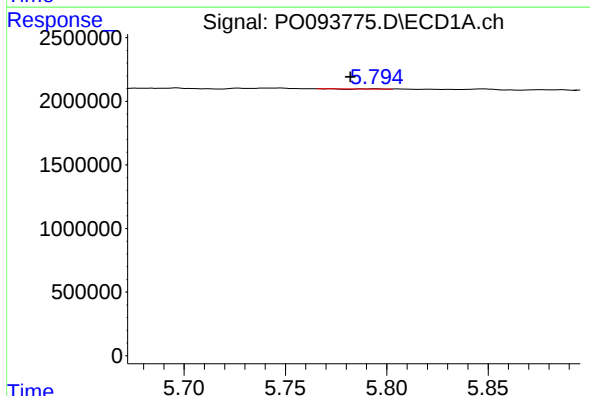
R.T.: 5.622 min
Delta R.T.: 0.002 min
Response: 113960
Conc: 1.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



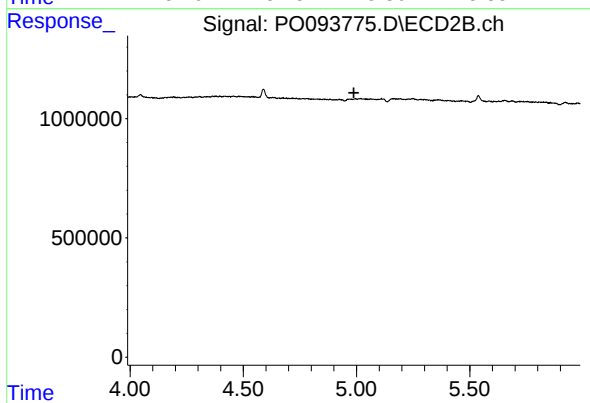
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.904 min
Response: 0
Conc: N.D.



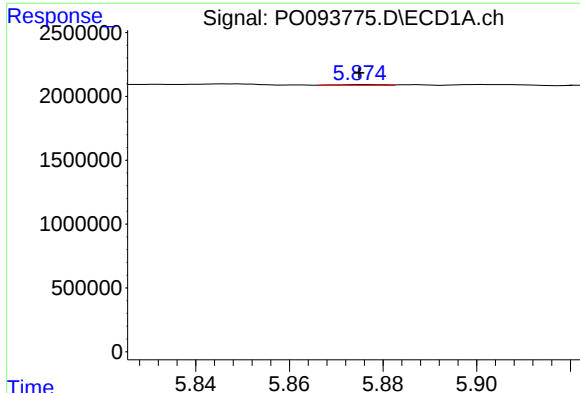
#14 AR-1232-4

R.T.: 5.795 min
Delta R.T.: 0.012 min
Response: 3730
Conc: 0.11 ng/ml



#14 AR-1232-4

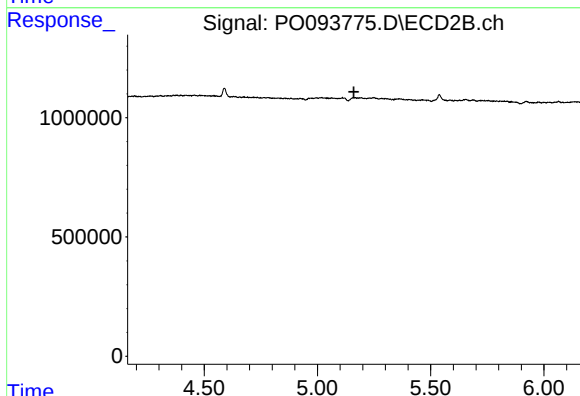
R.T.: 0.000 min
Exp R.T. : 4.988 min
Response: 0
Conc: N.D.



#15 AR-1232-5

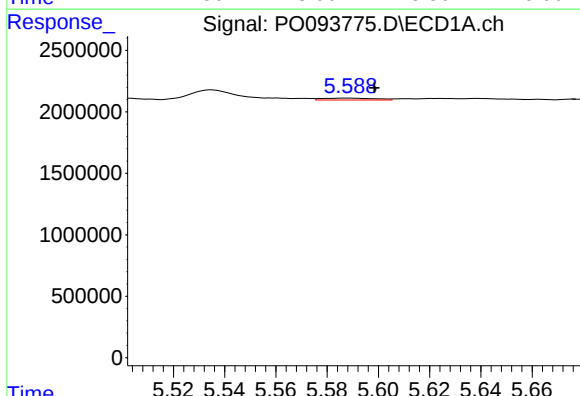
R.T.: 5.876 min
Delta R.T.: 0.001 min
Response: 32375
Conc: 1.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



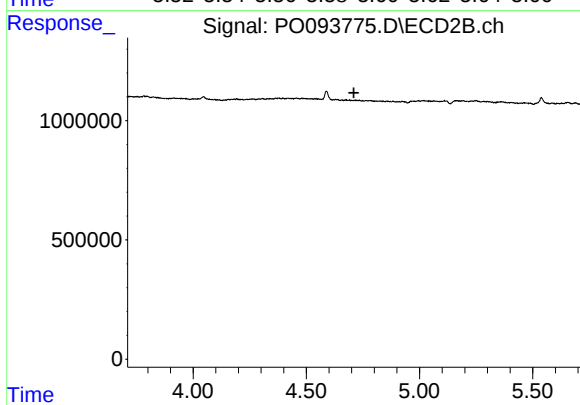
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.161 min
Response: 0
Conc: N.D.



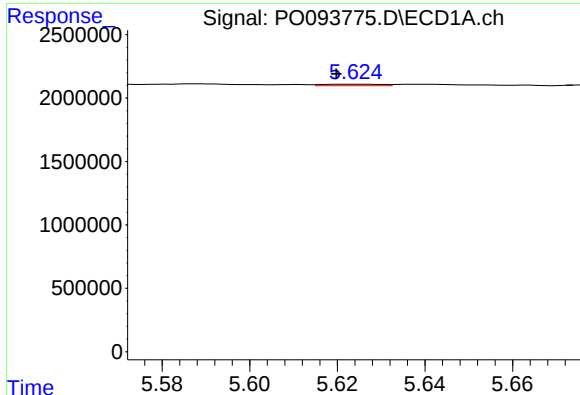
#16 AR-1242-1

R.T.: 5.588 min
Delta R.T.: -0.011 min
Response: 213638
Conc: 2.45 ng/ml



#16 AR-1242-1

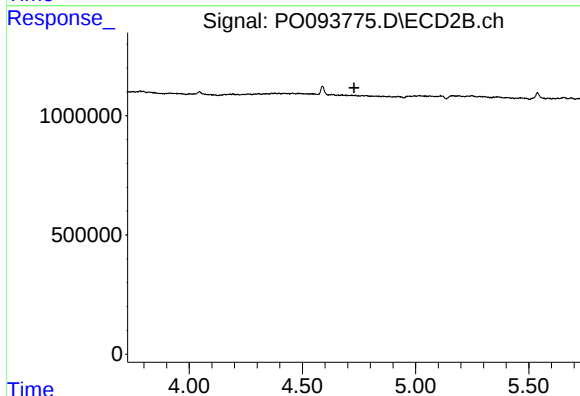
R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



#17 AR-1242-2

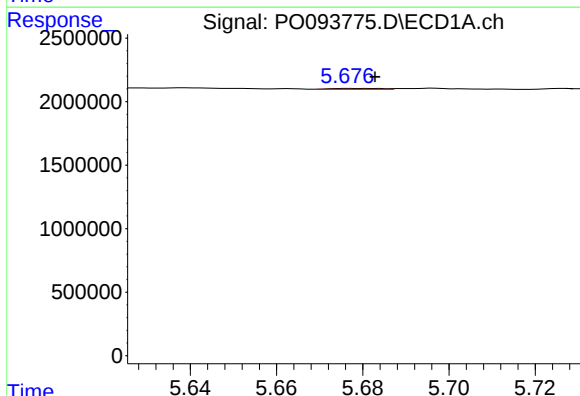
R.T.: 5.622 min
Delta R.T.: 0.002 min
Response: 113960
Conc: 0.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



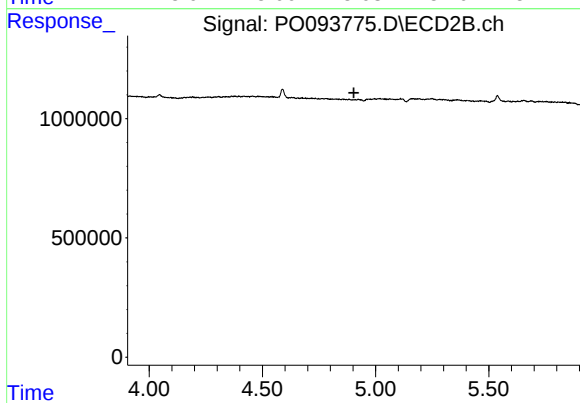
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.728 min
Response: 0
Conc: N.D.



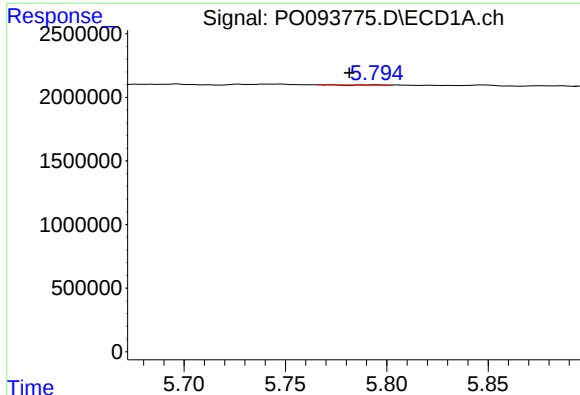
#18 AR-1242-3

R.T.: 5.677 min
Delta R.T.: -0.006 min
Response: 59705
Conc: 0.70 ng/ml



#18 AR-1242-3

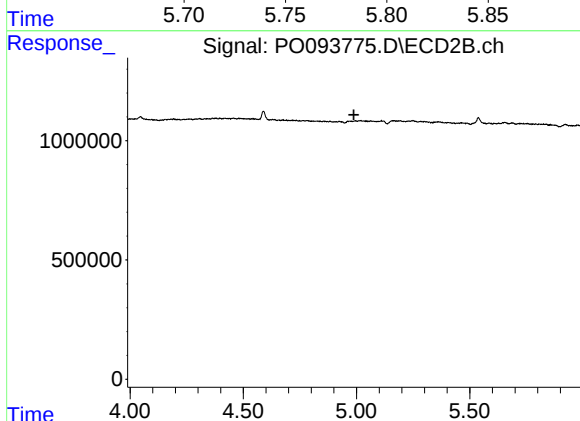
R.T.: 0.000 min
Exp R.T. : 4.904 min
Response: 0
Conc: N.D.



#19 AR-1242-4

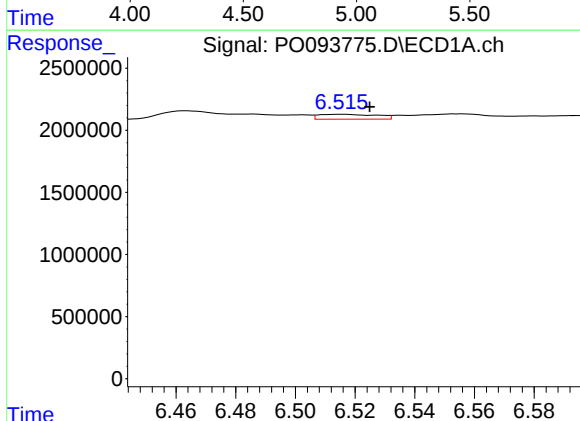
R.T.: 5.795 min
Delta R.T.: 0.013 min
Response: 3730
Conc: 0.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



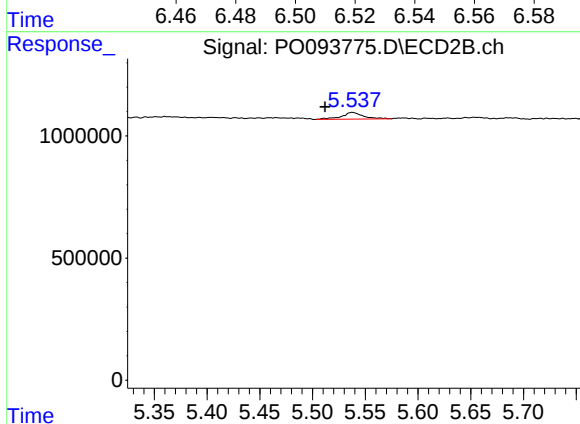
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 4.988 min
Response: 0
Conc: N.D.



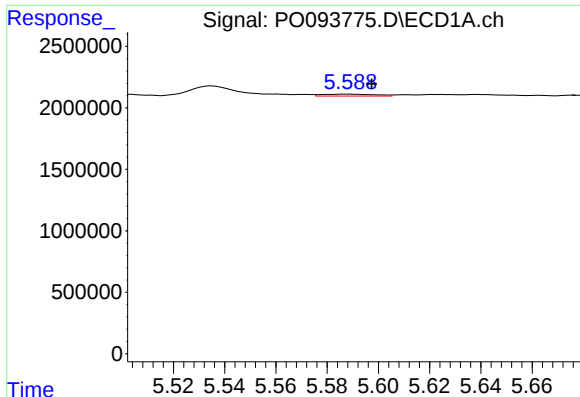
#20 AR-1242-5

R.T.: 6.516 min
Delta R.T.: -0.009 min
Response: 522889
Conc: 7.77 ng/ml



#20 AR-1242-5

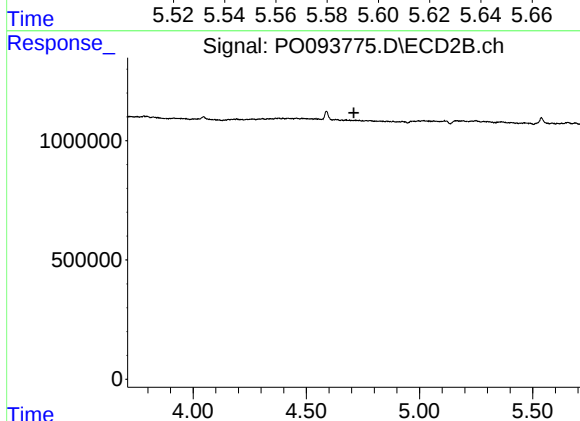
R.T.: 5.538 min
Delta R.T.: 0.026 min
Response: 395720
Conc: 13.88 ng/ml



#21 AR-1248-1

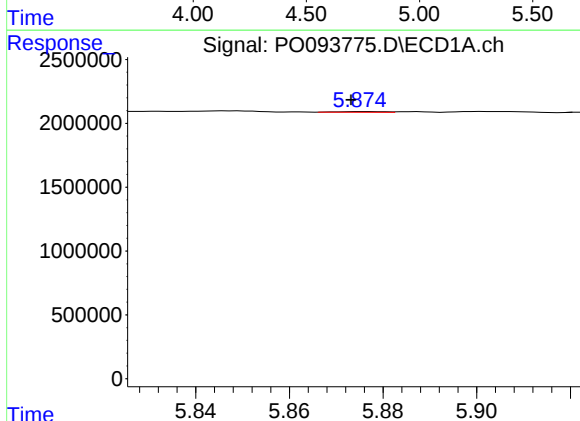
R.T.: 5.588 min
Delta R.T.: -0.009 min
Response: 213638
Conc: 3.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



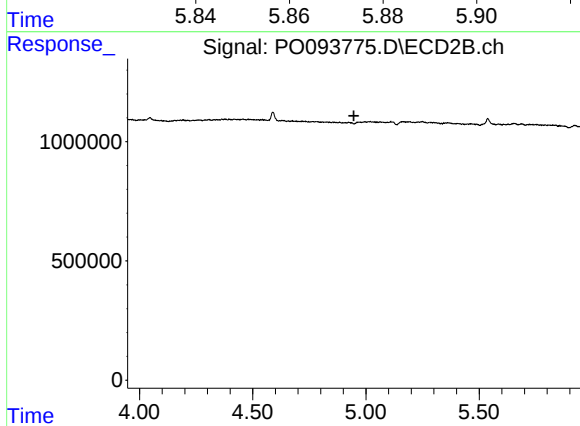
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



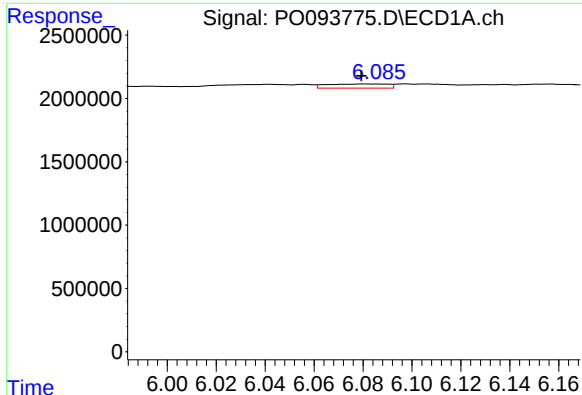
#22 AR-1248-2

R.T.: 5.876 min
Delta R.T.: 0.003 min
Response: 32375
Conc: 0.30 ng/ml



#22 AR-1248-2

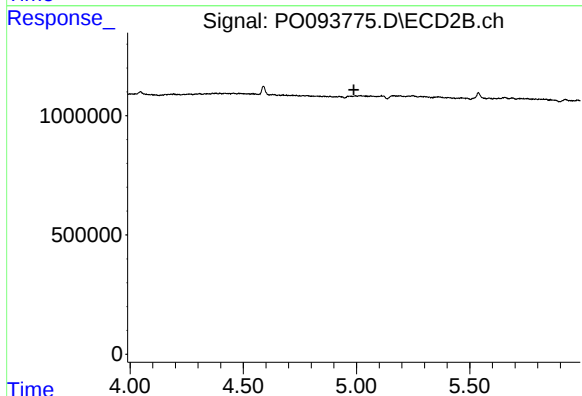
R.T.: 0.000 min
Exp R.T. : 4.947 min
Response: 0
Conc: N.D.



#23 AR-1248-3

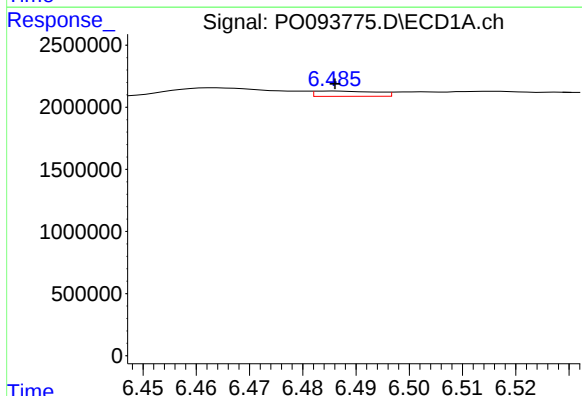
R.T.: 6.081 min
Delta R.T.: 0.002 min
Response: 563692
Conc: 4.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



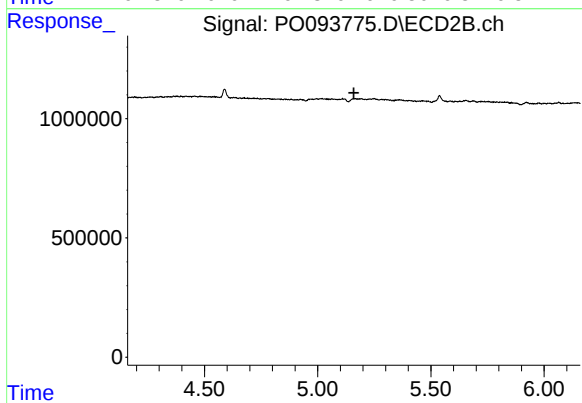
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 4.988 min
Response: 0
Conc: N.D.



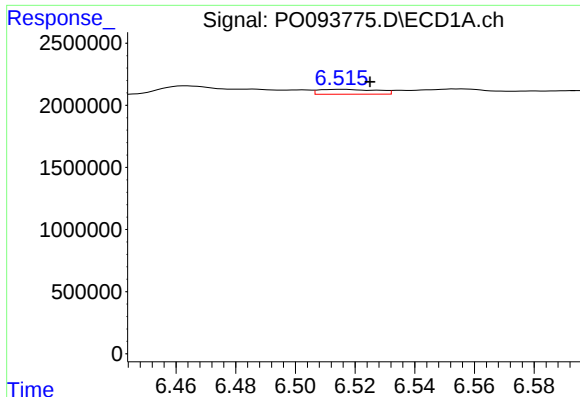
#24 AR-1248-4

R.T.: 6.486 min
Delta R.T.: 0.000 min
Response: 338725
Conc: 3.15 ng/ml



#24 AR-1248-4

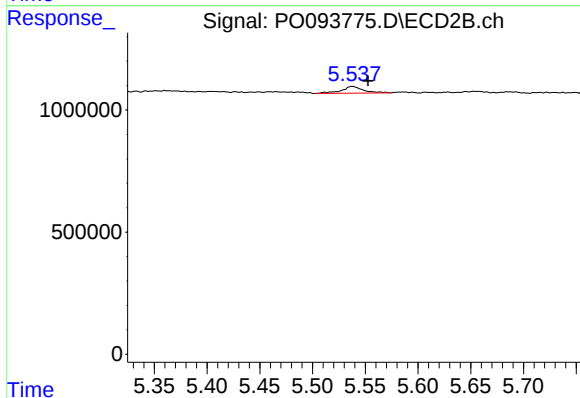
R.T.: 0.000 min
Exp R.T. : 5.160 min
Response: 0
Conc: N.D.



#25 AR-1248-5

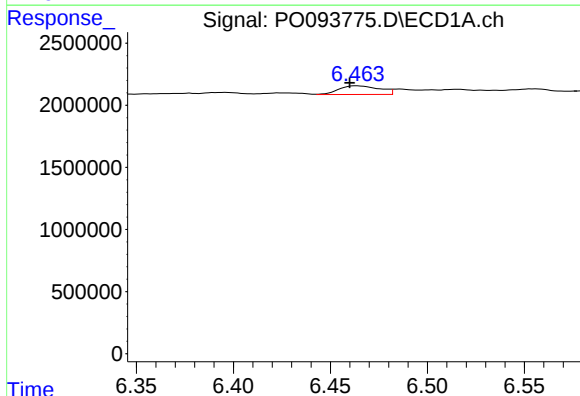
R.T.: 6.516 min
Delta R.T.: -0.009 min
Response: 522889
Conc: 4.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



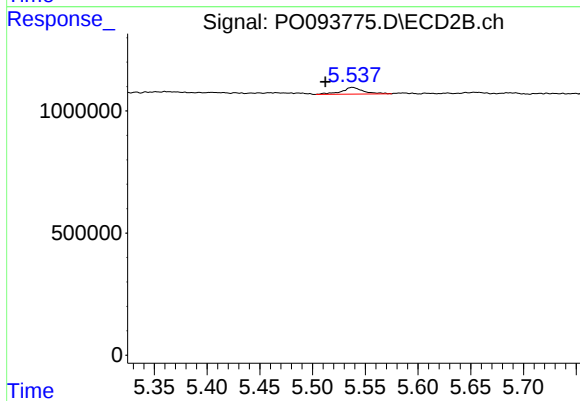
#25 AR-1248-5

R.T.: 5.538 min
Delta R.T.: -0.015 min
Response: 395720
Conc: 10.60 ng/ml



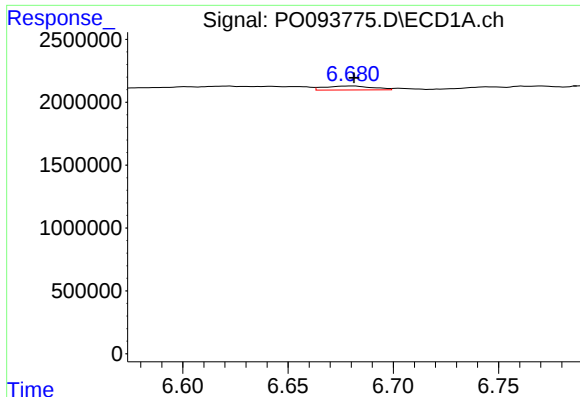
#26 AR-1254-1

R.T.: 6.463 min
Delta R.T.: 0.004 min
Response: 1014159
Conc: 7.48 ng/ml



#26 AR-1254-1

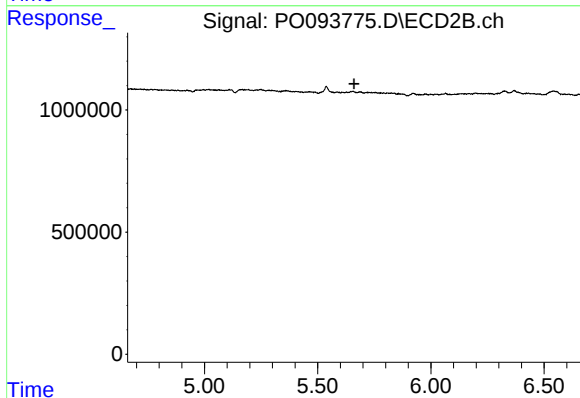
R.T.: 5.538 min
Delta R.T.: 0.026 min
Response: 395720
Conc: 5.79 ng/ml



#27 AR-1254-2

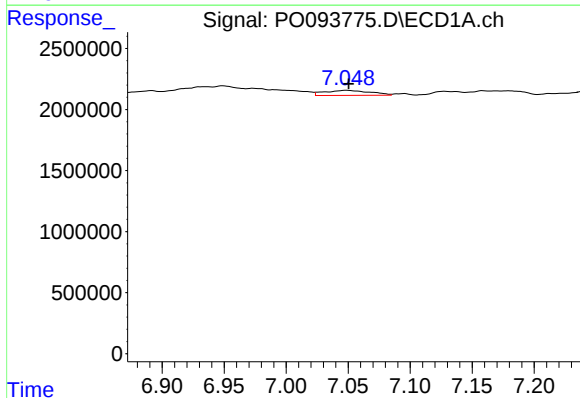
R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 499348
Conc: 2.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



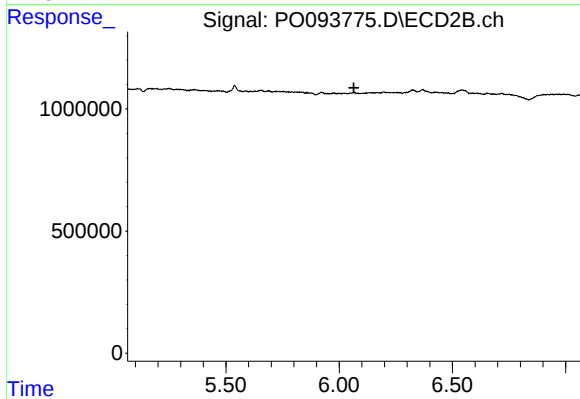
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 5.660 min
Response: 0
Conc: N.D.



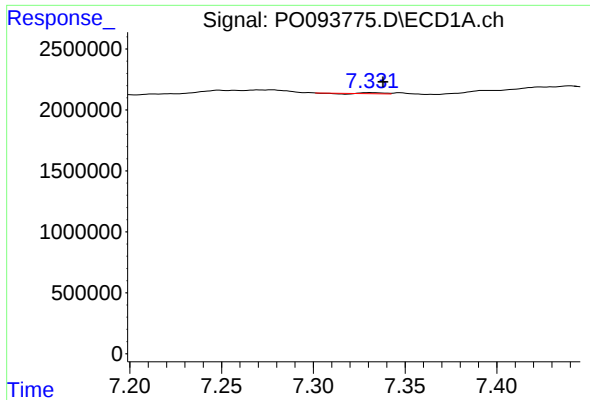
#28 AR-1254-3

R.T.: 7.048 min
Delta R.T.: -0.002 min
Response: 1062442
Conc: 5.75 ng/ml



#28 AR-1254-3

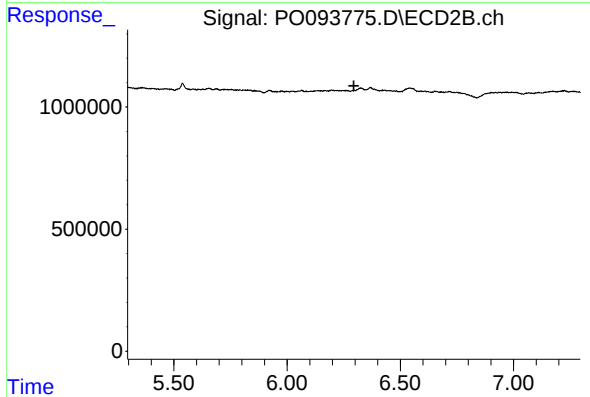
R.T.: 0.000 min
Exp R.T. : 6.065 min
Response: 0
Conc: N.D.



#29 AR-1254-4

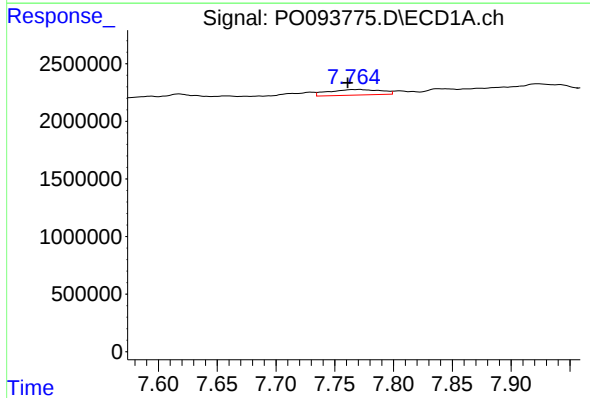
R.T.: 7.332 min
Delta R.T.: -0.006 min
Response: 36724
Conc: 0.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



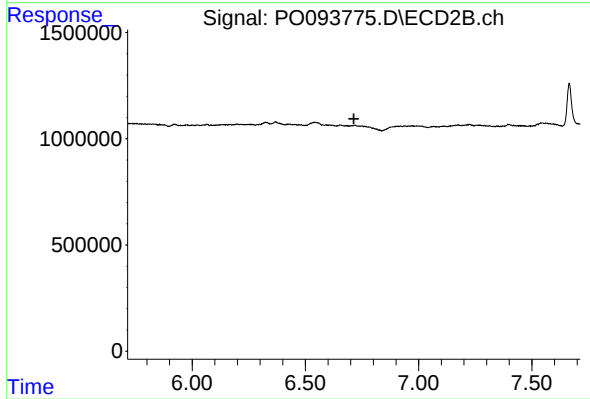
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.295 min
Response: 0
Conc: N.D.



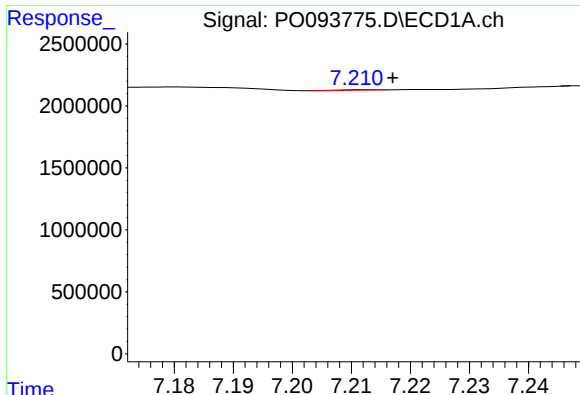
#30 AR-1254-5

R.T.: 7.771 min
Delta R.T.: 0.010 min
Response: 1491555
Conc: 11.00 ng/ml



#30 AR-1254-5

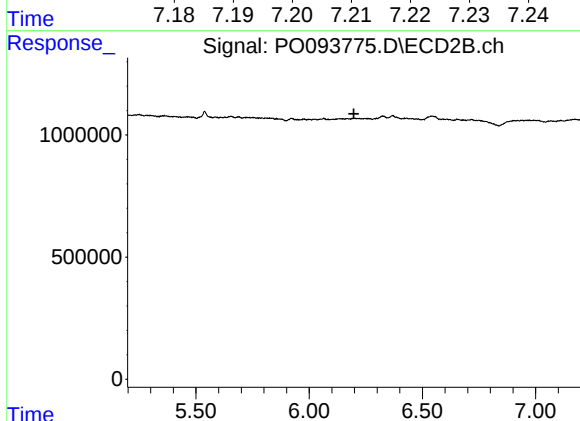
R.T.: 0.000 min
Exp R.T. : 6.714 min
Response: 0
Conc: N.D.



#31 AR-1260-1

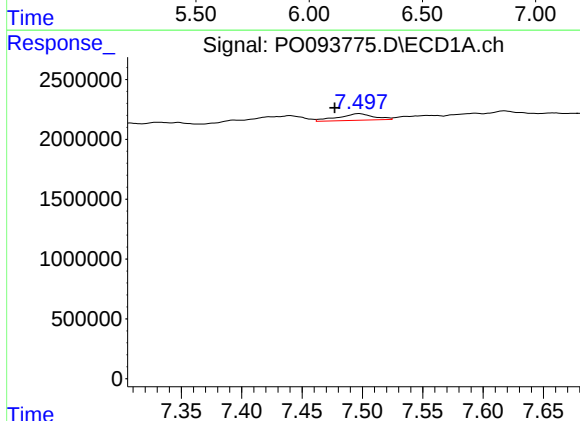
R.T.: 7.213 min
Delta R.T.: -0.004 min
Response: 11992
Conc: 0.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



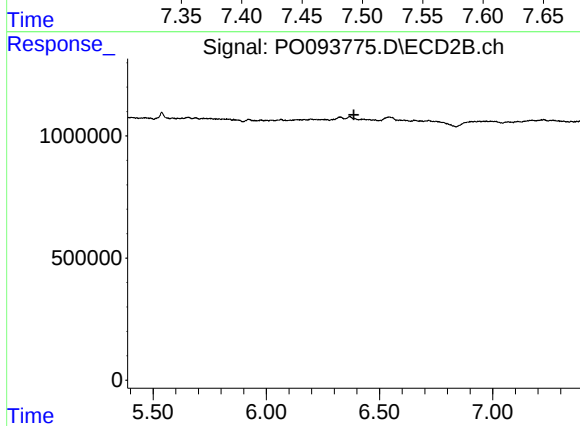
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.197 min
Response: 0
Conc: N.D.



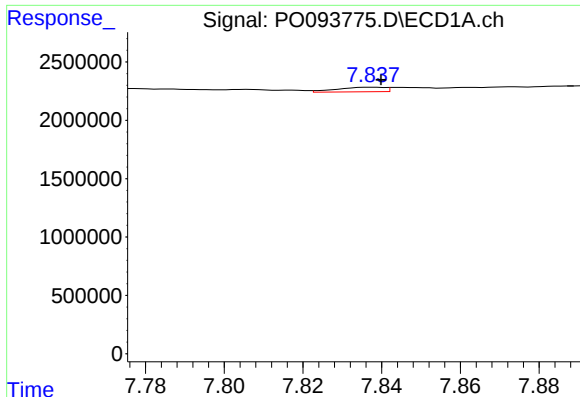
#32 AR-1260-2

R.T.: 7.497 min
Delta R.T.: 0.020 min
Response: 1115987
Conc: 6.97 ng/ml



#32 AR-1260-2

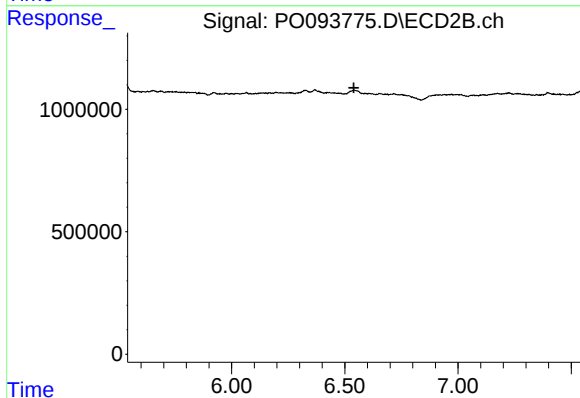
R.T.: 0.000 min
Exp R.T. : 6.387 min
Response: 0
Conc: N.D.



#33 AR-1260-3

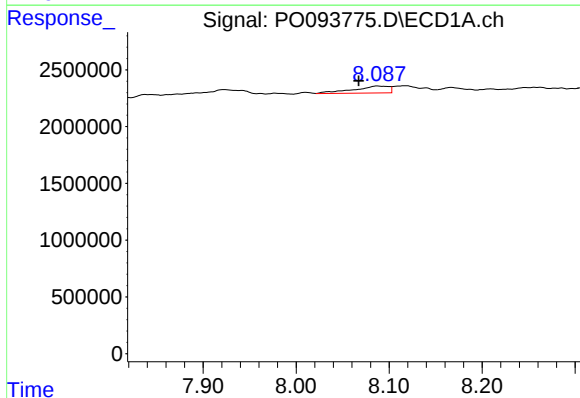
R.T.: 7.838 min
Delta R.T.: -0.002 min
Response: 326974
Conc: 2.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



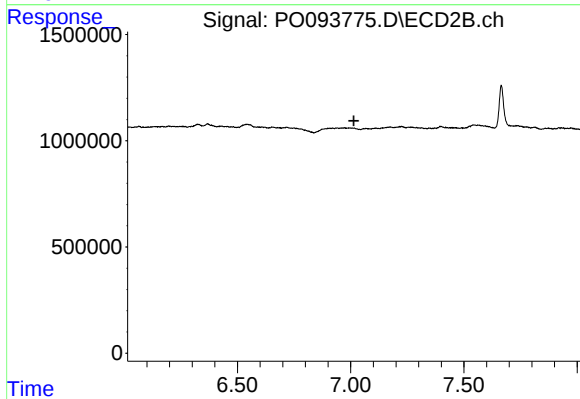
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 6.540 min
Response: 0
Conc: N.D.



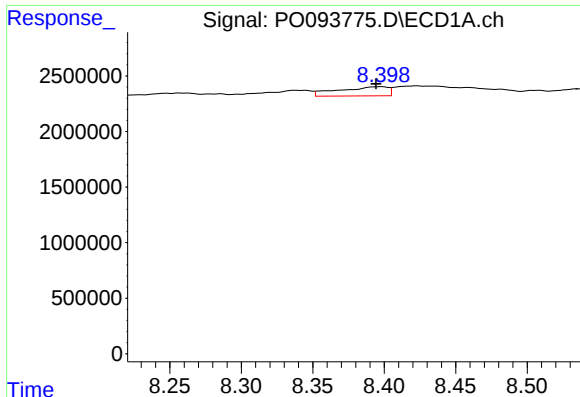
#34 AR-1260-4

R.T.: 8.087 min
Delta R.T.: 0.020 min
Response: 1615442
Conc: 11.73 ng/ml



#34 AR-1260-4

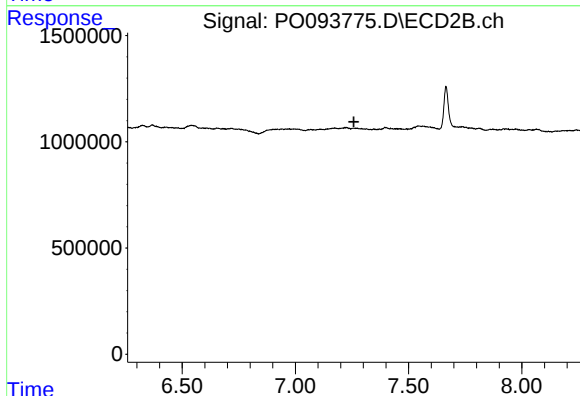
R.T.: 0.000 min
Exp R.T. : 7.014 min
Response: 0
Conc: N.D.



#35 AR-1260-5

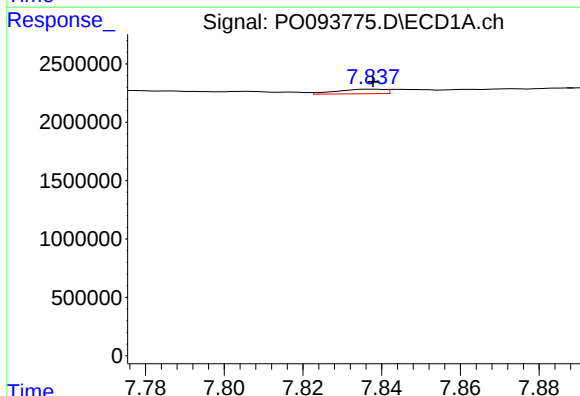
R.T.: 8.398 min
Delta R.T.: 0.004 min
Response: 1995352
Conc: 9.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



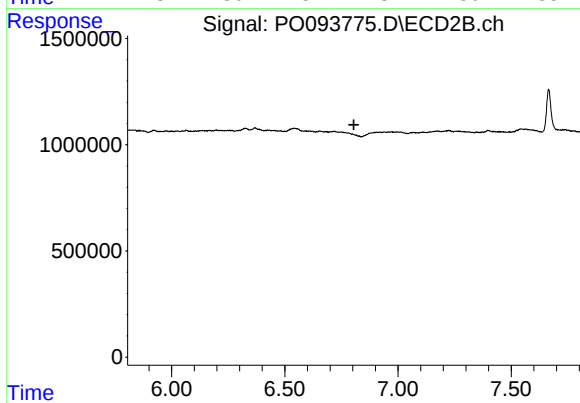
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.258 min
Response: 0
Conc: N.D.



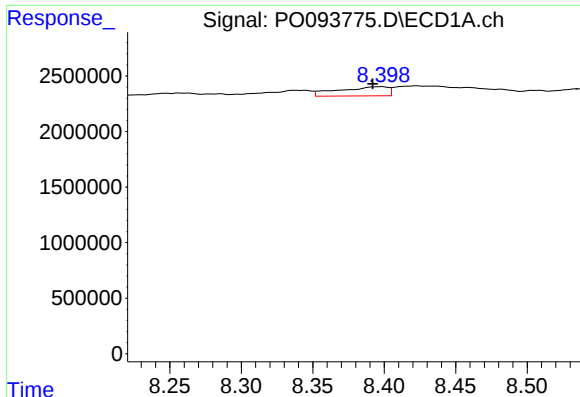
#36 AR-1262-1

R.T.: 7.838 min
Delta R.T.: 0.000 min
Response: 326974
Conc: 1.91 ng/ml



#36 AR-1262-1

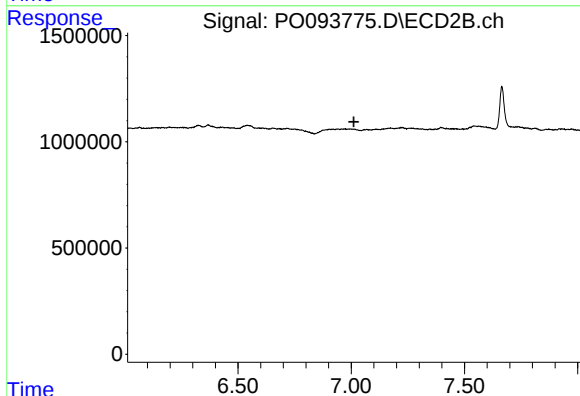
R.T.: 0.000 min
Exp R.T. : 6.805 min
Response: 0
Conc: N.D.



#37 AR-1262-2

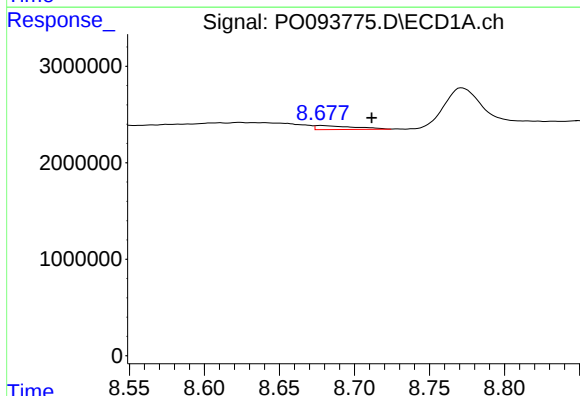
R.T.: 8.398 min
Delta R.T.: 0.006 min
Response: 1995352
Conc: 8.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



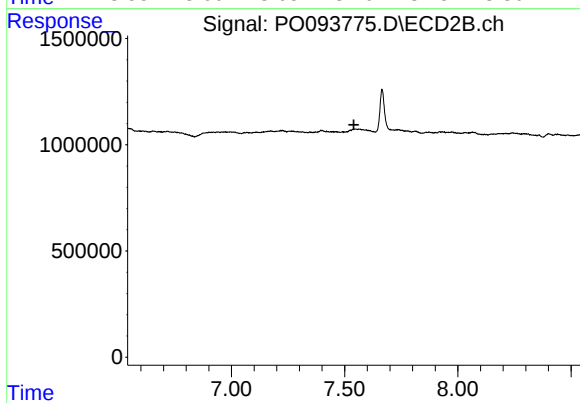
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 7.012 min
Response: 0
Conc: N.D.



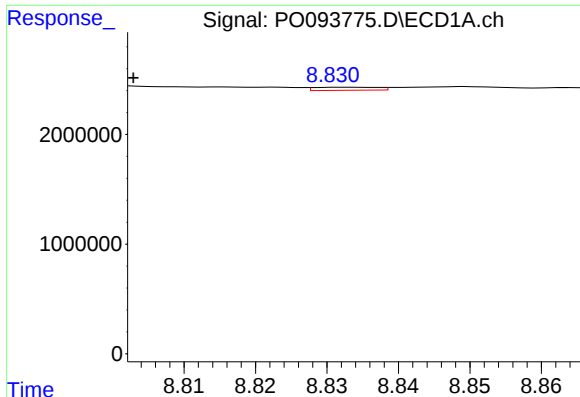
#38 AR-1262-3

R.T.: 8.678 min
Delta R.T.: -0.034 min
Response: 740461
Conc: 4.52 ng/ml



#38 AR-1262-3

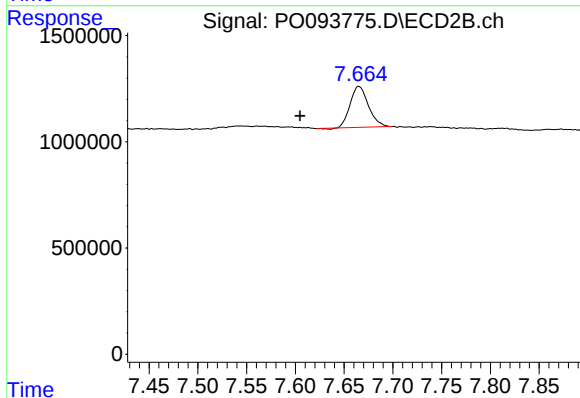
R.T.: 0.000 min
Exp R.T. : 7.541 min
Response: 0
Conc: N.D.



#39 AR-1262-4

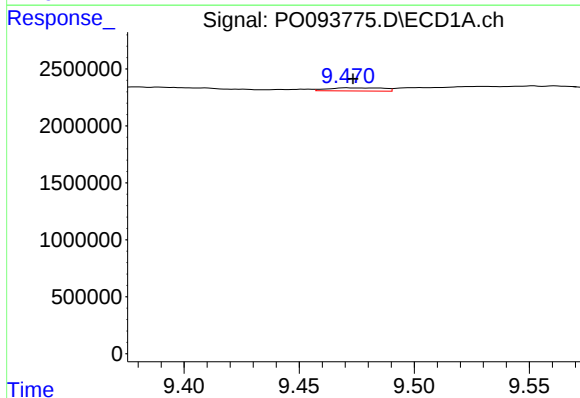
R.T.: 8.833 min
Delta R.T.: 0.030 min
Response: 171732
Conc: 1.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



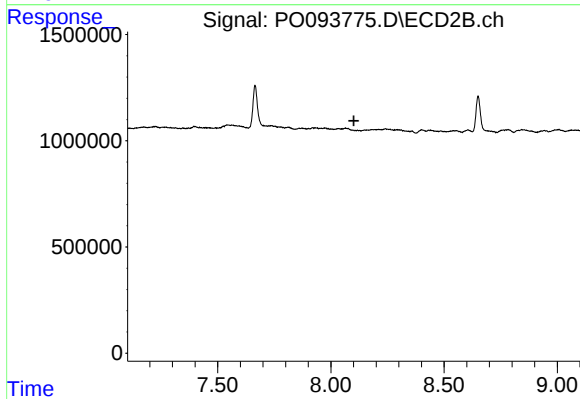
#39 AR-1262-4

R.T.: 7.665 min
Delta R.T.: 0.060 min
Response: 2508374
Conc: 30.25 ng/ml



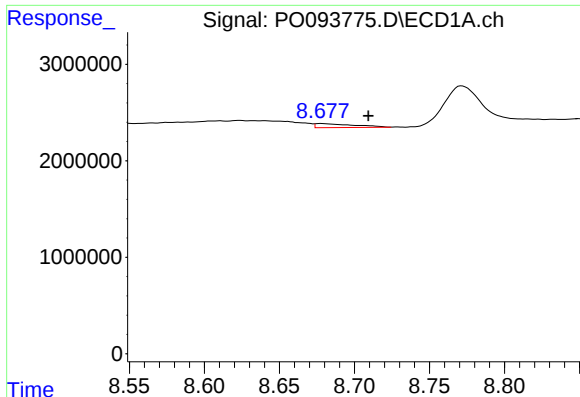
#40 AR-1262-5

R.T.: 9.471 min
Delta R.T.: -0.003 min
Response: 453692
Conc: 5.64 ng/ml



#40 AR-1262-5

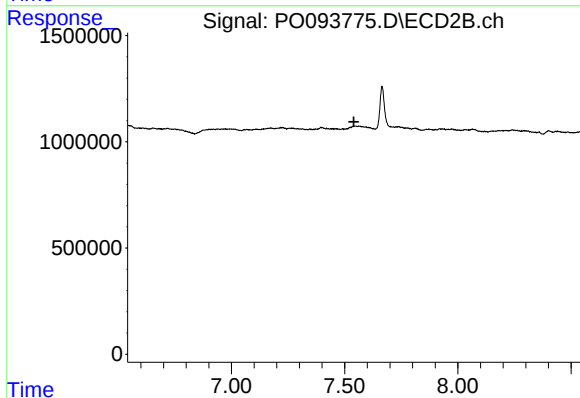
R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#41 AR-1268-1

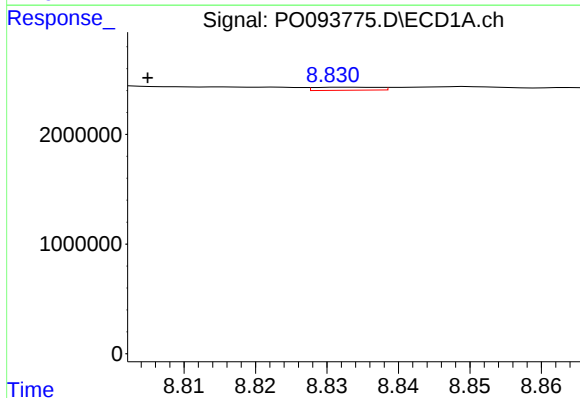
R.T.: 8.678 min
Delta R.T.: -0.032 min
Response: 740461
Conc: 2.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



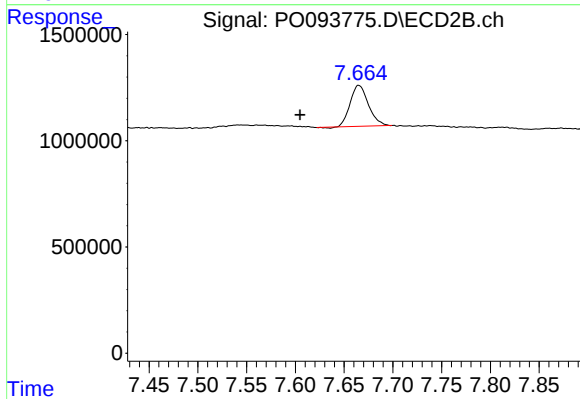
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.540 min
Response: 0
Conc: N.D.



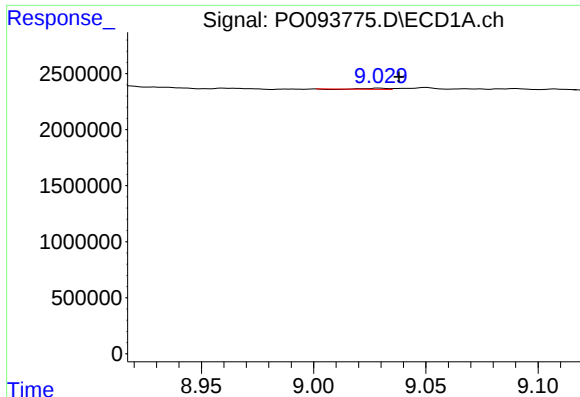
#42 AR-1268-2

R.T.: 8.833 min
Delta R.T.: 0.028 min
Response: 171732
Conc: 0.53 ng/ml



#42 AR-1268-2

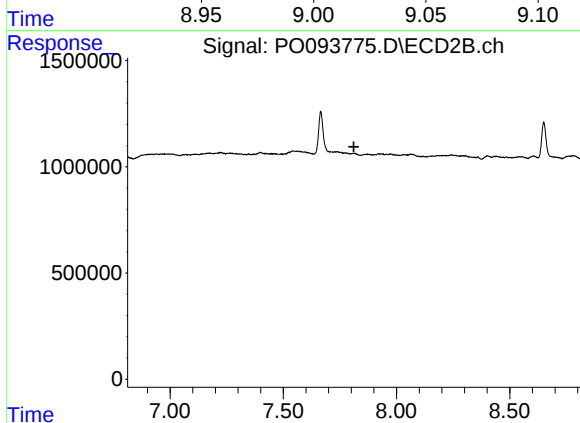
R.T.: 7.665 min
Delta R.T.: 0.060 min
Response: 2508374
Conc: 18.46 ng/ml



#43 AR-1268-3

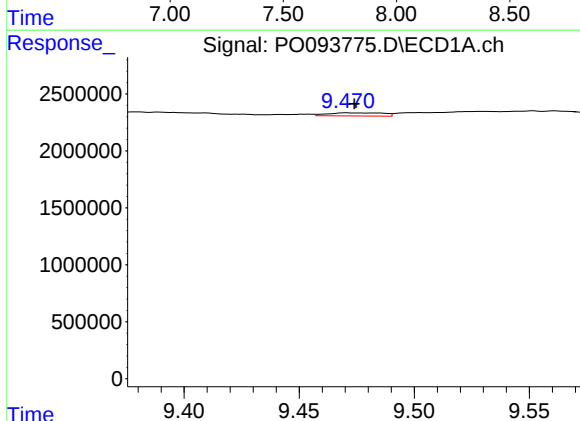
R.T.: 9.029 min
Delta R.T.: -0.009 min
Response: 53878
Conc: 0.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



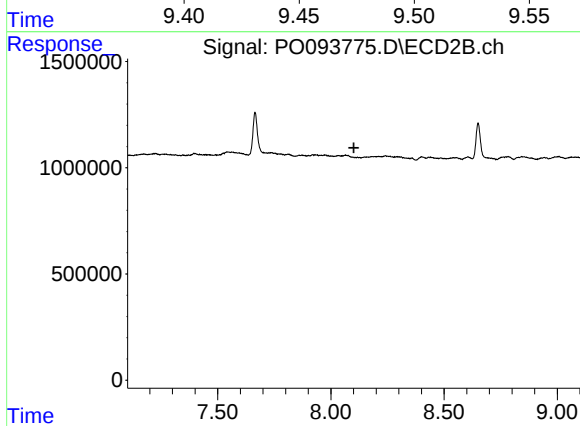
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.812 min
Response: 0
Conc: N.D.



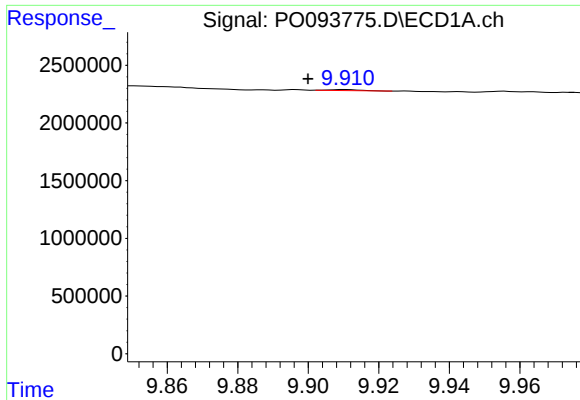
#44 AR-1268-4

R.T.: 9.471 min
Delta R.T.: -0.003 min
Response: 453692
Conc: 4.69 ng/ml



#44 AR-1268-4

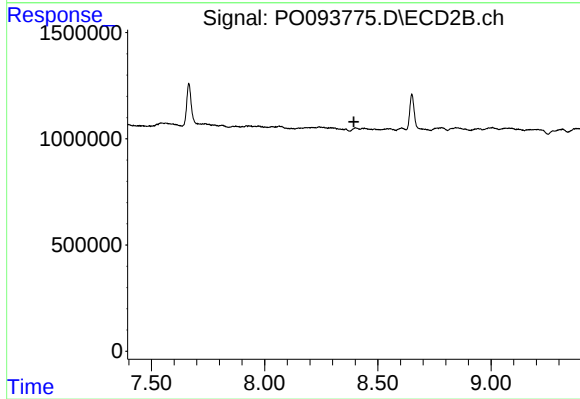
R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.911 min
Delta R.T.: 0.011 min
Response: 53134
Conc: 0.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.394 min
Response: 0
Conc: N.D.