

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO102822\
 Data File : PO089989.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2022 09:22
 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: Oct 29 01:37:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO102722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 28 05:05:44 2022
 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...	4.304	3.483	63313624	20484961	19.700	19.275
2)	SA Decachlor...	10.047	8.489	54771981	21334368	22.351	20.714
Target Compounds							
3)	L1 AR-1016-1	5.479	4.584	255017	372732	2.398	9.650 #
4)	L1 AR-1016-2	5.505	4.584	305419	372732	2.005	6.968 #
5)	L1 AR-1016-3	5.554	4.818f	1113337	148969	11.783	5.131 #
6)	L1 AR-1016-4	0.000	4.818	0	148969	N.D.	6.001 #
7)	L1 AR-1016-5	6.006f	0.000	376984	0	4.884	N.D. #
9)	L2 AR-1221-2	4.610	3.783	963993	278621	33.910	27.454
10)	L2 AR-1221-3	4.750f	0.000	217432	0	2.539	N.D. #
11)	L3 AR-1232-1	4.750f	0.000	217432	0	3.320	N.D. #
12)	L3 AR-1232-2	5.187	4.584	428105	372732	11.136	15.554 #
13)	L3 AR-1232-3	5.505	4.818f	305419	148969	4.558	11.731 #
14)	L3 AR-1232-4	0.000	4.818	0	148969	N.D.	12.218 #
15)	L3 AR-1232-5	5.755	0.000	208712	0	7.878	N.D. #
16)	L4 AR-1242-1	5.479	4.584	255017	372732	3.082	12.520 #
17)	L4 AR-1242-2	5.505	4.584	305419	372732	2.586	9.164 #
18)	L4 AR-1242-3	5.554	4.818f	1113337	148969	14.957	6.737 #
19)	L4 AR-1242-4	0.000	4.818	0	148969	N.D.	6.282 #
20)	L4 AR-1242-5	6.403	0.000	58230	0	0.947	N.D. #
21)	L5 AR-1248-1	5.479	4.584	255017	372732	4.032	16.418 #
22)	L5 AR-1248-2	5.755	4.818	208712	148969	2.204	4.582 #
23)	L5 AR-1248-3	6.006f	4.818	376984	148969	3.824	4.419
24)	L5 AR-1248-4	6.360	0.000	358243	0	3.360	N.D. #
25)	L5 AR-1248-5	6.403	0.000	58230	0	0.554	N.D. #
26)	L6 AR-1254-1	6.360	0.000	358243	0	3.091	N.D. #
27)	L6 AR-1254-2	6.561	0.000	121841	0	0.701	N.D. #
28)	L6 AR-1254-3	6.925	5.872f	505219	121934	2.910	1.471 #
29)	L6 AR-1254-4	7.208	0.000	352506	0	2.765	N.D. #
30)	L6 AR-1254-5	7.631	0.000	830929	0	5.899	N.D. #
31)	L7 AR-1260-1	7.090	0.000	130399	0	0.930	N.D. #
32)	L7 AR-1260-2	7.366	6.230	383180	178044	2.369	2.465
33)	L7 AR-1260-3	7.751	0.000	247324	0	2.354	N.D. #
34)	L7 AR-1260-4	7.894f	0.000	466378	0	3.775	N.D. #
35)	L7 AR-1260-5	8.300f	0.000	407387	0	1.790	N.D. #
36)	L8 AR-1262-1	7.751f	0.000	247324	0	1.492	N.D. #
37)	L8 AR-1262-2	8.300f	0.000	407387	0	1.450	N.D. #
38)	L8 AR-1262-3	8.621f	0.000	331059	0	1.686	N.D. #
39)	L8 AR-1262-4	8.621	7.531f	331059	65522	3.402	0.675 #
40)	L8 AR-1262-5	9.371f	7.919f	810070	12939	7.688	0.273 #
41)	L9 AR-1268-1	8.621f	0.000	331059	0	0.950	N.D. #
42)	L9 AR-1268-2	8.621	7.531f	331059	65522	1.061	0.467 #

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 Response via : Initial Calibration
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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
43)	L9 AR-1268-3	8.887	7.634f	6850	70164	0.025	0.585 #
44)	L9 AR-1268-4	9.371f	7.919f	810070	12939	6.952	0.238 #

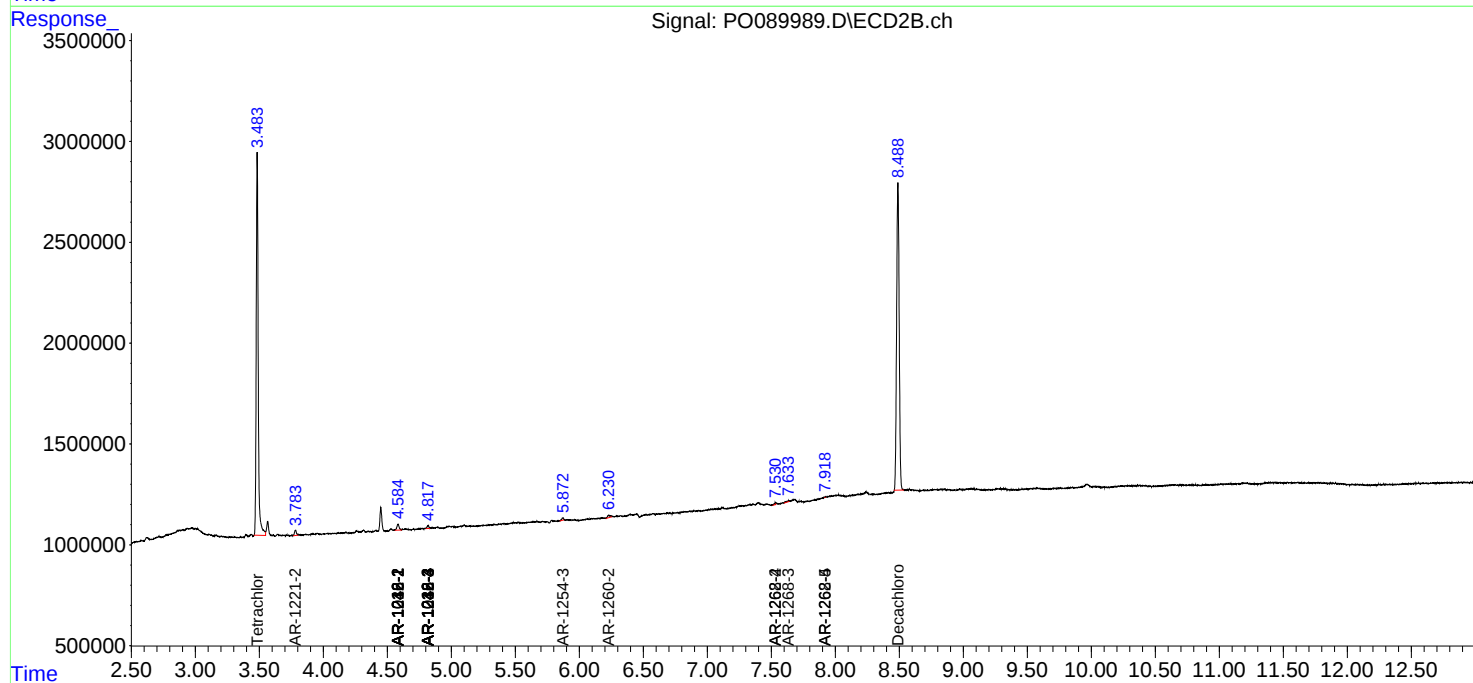
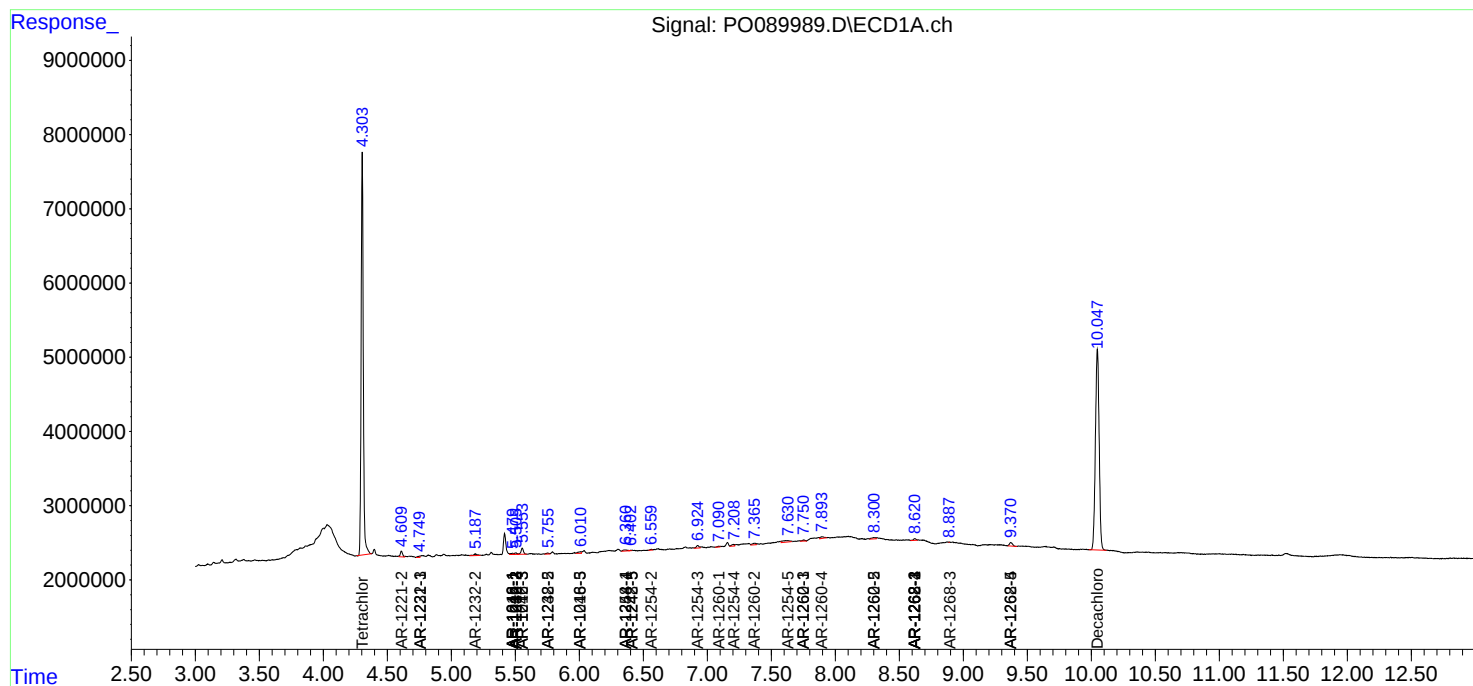
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

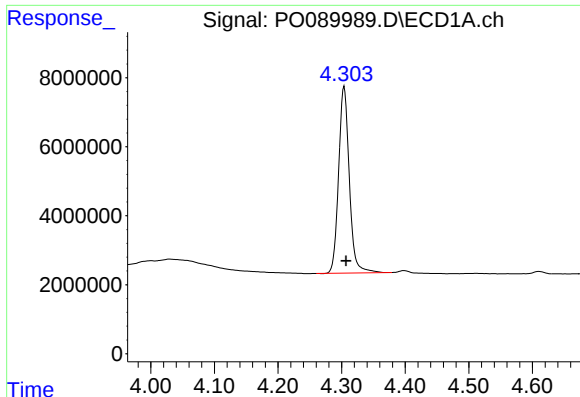
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO102822\
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

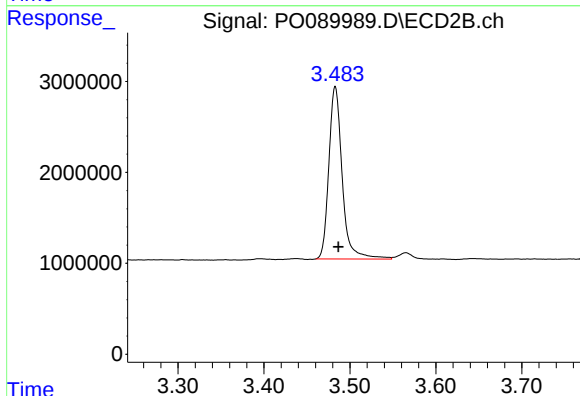




#1 Tetrachloro-m-xylene

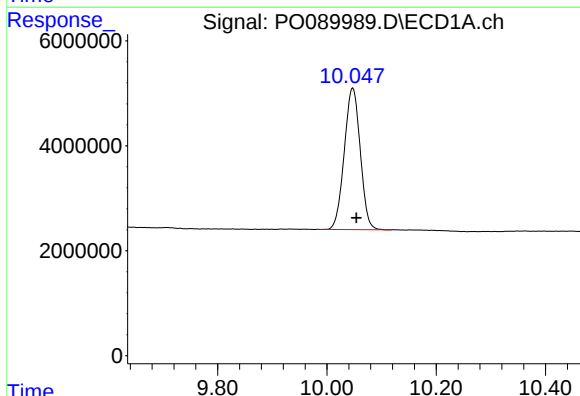
R.T.: 4.304 min
Delta R.T.: -0.003 min
Response: 63313624
Conc: 19.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



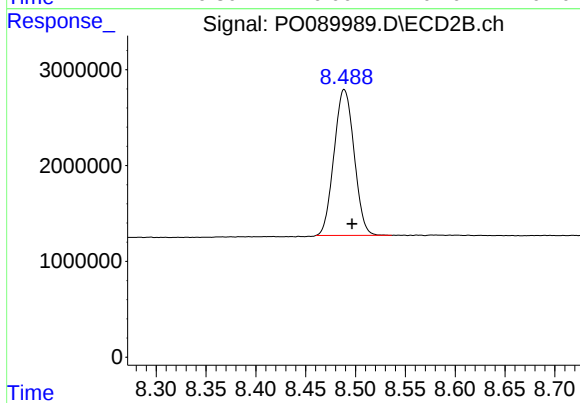
#1 Tetrachloro-m-xylene

R.T.: 3.483 min
Delta R.T.: -0.004 min
Response: 20484961
Conc: 19.27 ng/ml



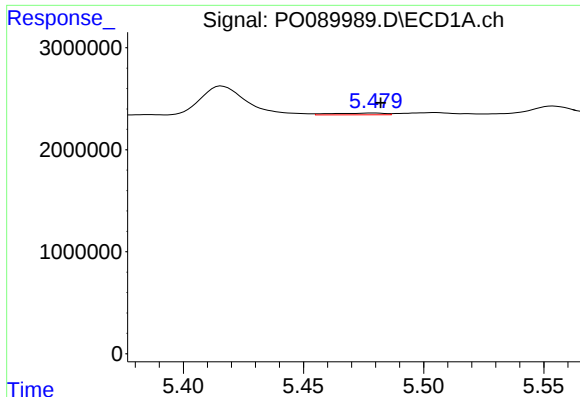
#2 Decachlorobiphenyl

R.T.: 10.047 min
Delta R.T.: -0.007 min
Response: 54771981
Conc: 22.35 ng/ml



#2 Decachlorobiphenyl

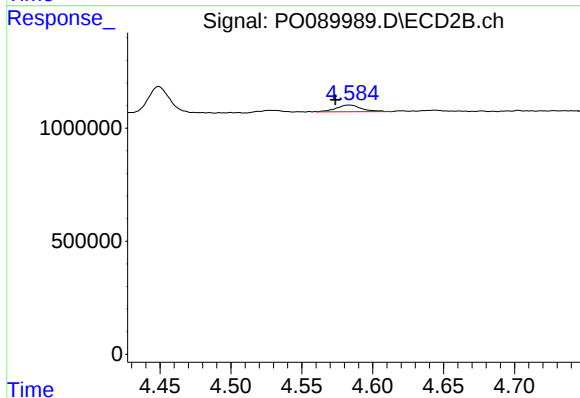
R.T.: 8.489 min
Delta R.T.: -0.008 min
Response: 21334368
Conc: 20.71 ng/ml



#3 AR-1016-1

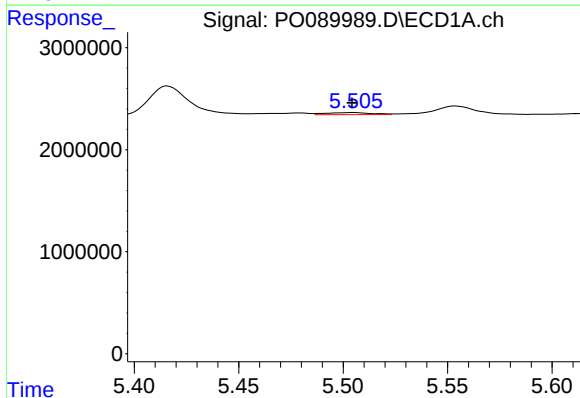
R.T.: 5.479 min
Delta R.T.: -0.003 min
Response: 255017
Conc: 2.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



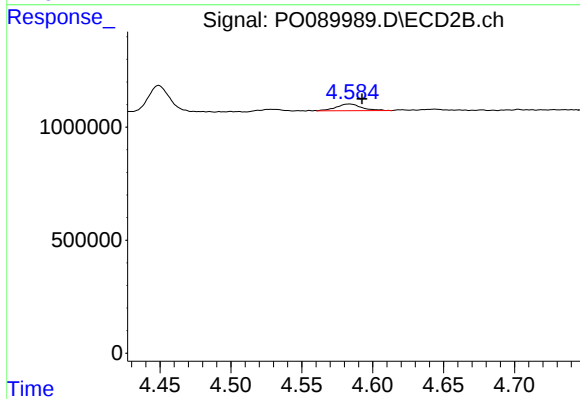
#3 AR-1016-1

R.T.: 4.584 min
Delta R.T.: 0.010 min
Response: 372732
Conc: 9.65 ng/ml



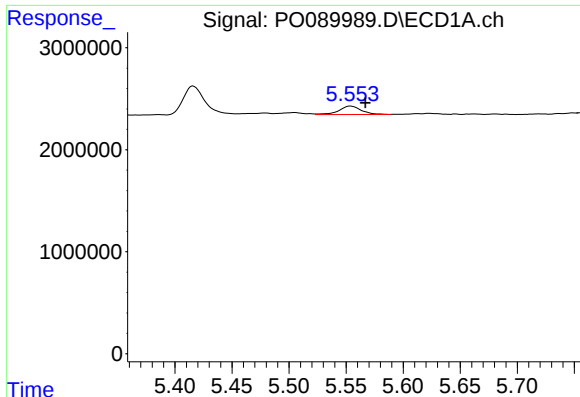
#4 AR-1016-2

R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 305419
Conc: 2.00 ng/ml



#4 AR-1016-2

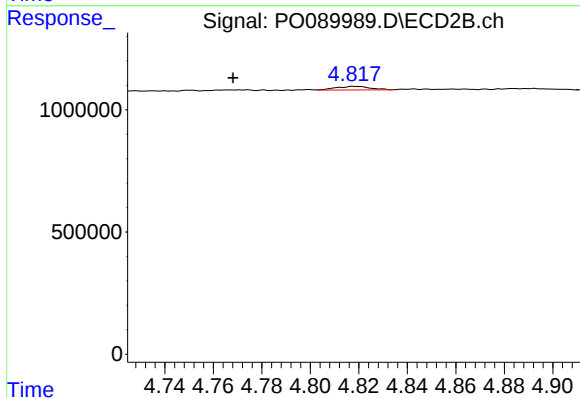
R.T.: 4.584 min
Delta R.T.: -0.009 min
Response: 372732
Conc: 6.97 ng/ml



#5 AR-1016-3

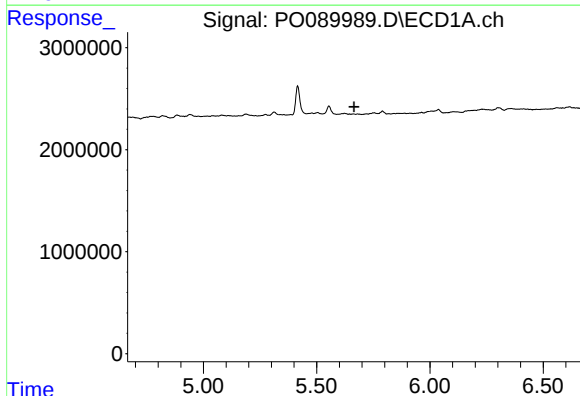
R.T.: 5.554 min
Delta R.T.: -0.013 min
Response: 1113337
Conc: 11.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



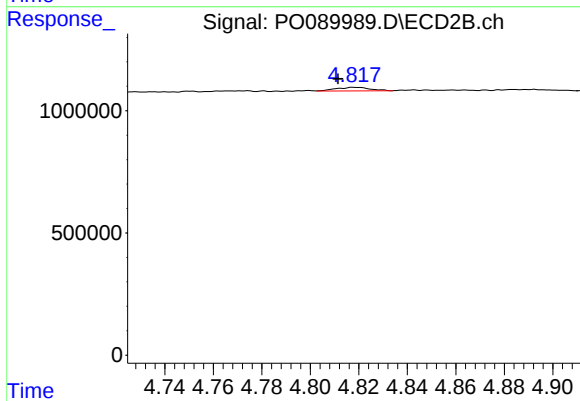
#5 AR-1016-3

R.T.: 4.818 min
Delta R.T.: 0.050 min
Response: 148969
Conc: 5.13 ng/ml



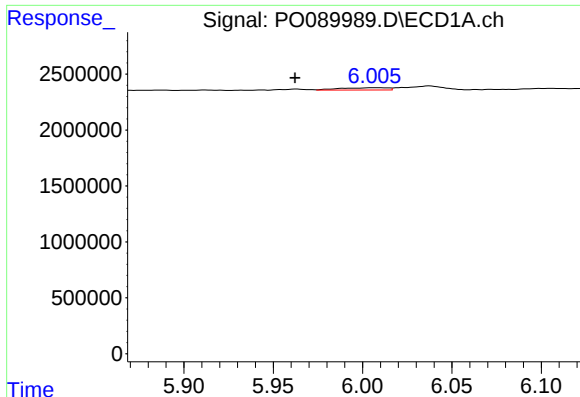
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.665 min
Response: 0
Conc: N.D.



#6 AR-1016-4

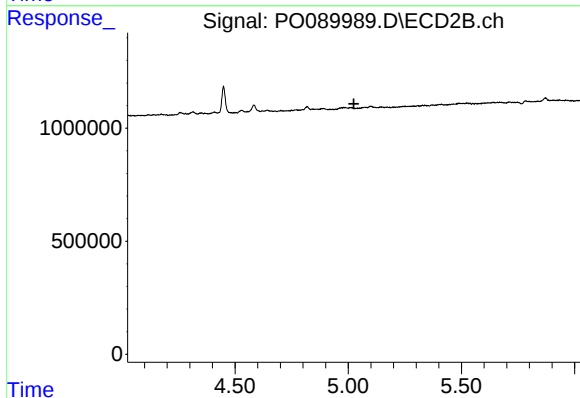
R.T.: 4.818 min
Delta R.T.: 0.006 min
Response: 148969
Conc: 6.00 ng/ml



#7 AR-1016-5

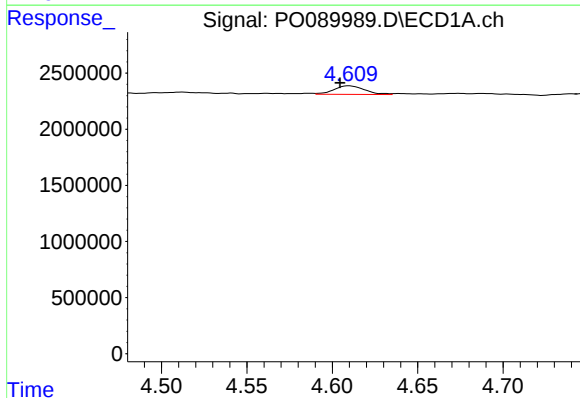
R.T.: 6.006 min
Delta R.T.: 0.044 min
Response: 376984
Conc: 4.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



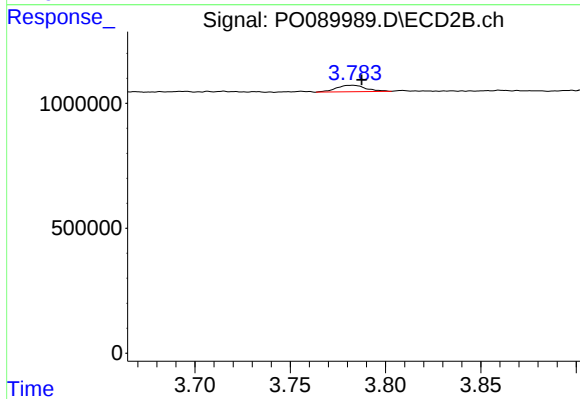
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.025 min
Response: 0
Conc: N.D.



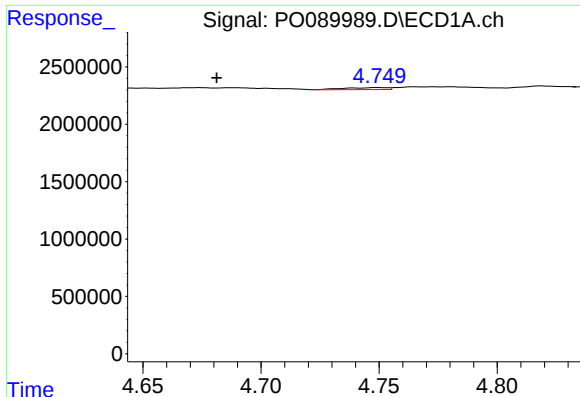
#9 AR-1221-2

R.T.: 4.610 min
Delta R.T.: 0.005 min
Response: 963993
Conc: 33.91 ng/ml



#9 AR-1221-2

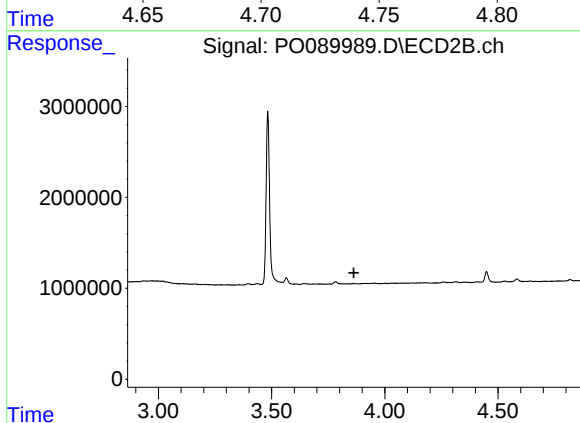
R.T.: 3.783 min
Delta R.T.: -0.005 min
Response: 278621
Conc: 27.45 ng/ml



#10 AR-1221-3

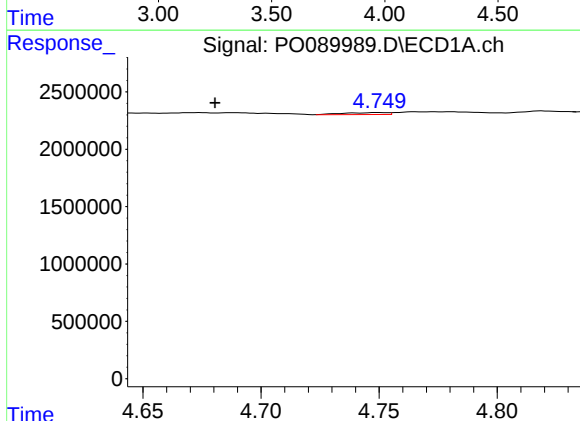
R.T.: 4.750 min
Delta R.T.: 0.068 min
Response: 217432
Conc: 2.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



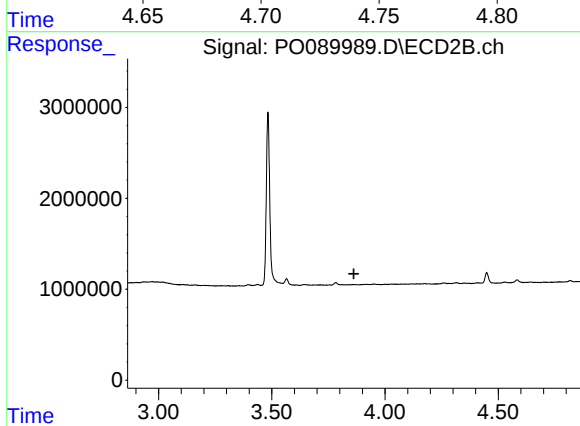
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 3.864 min
Response: 0
Conc: N.D.



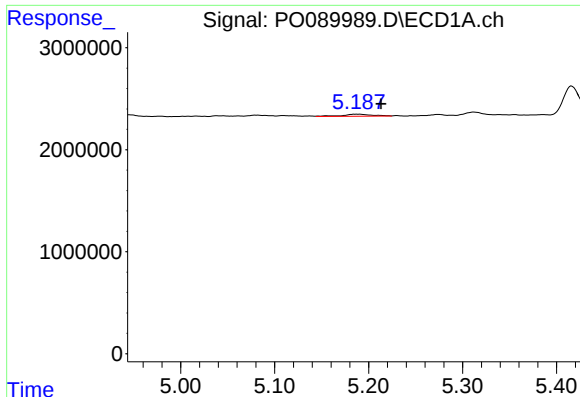
#11 AR-1232-1

R.T.: 4.750 min
Delta R.T.: 0.069 min
Response: 217432
Conc: 3.32 ng/ml



#11 AR-1232-1

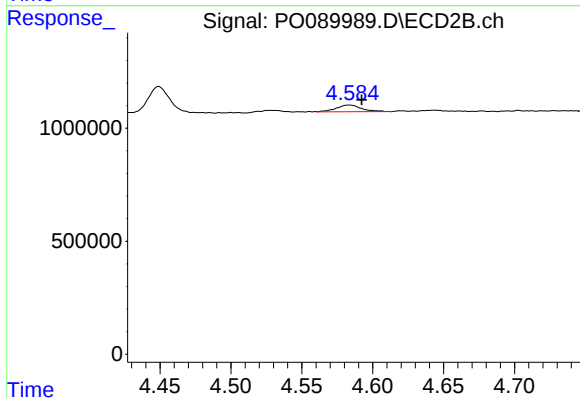
R.T.: 0.000 min
Exp R.T. : 3.863 min
Response: 0
Conc: N.D.



#12 AR-1232-2

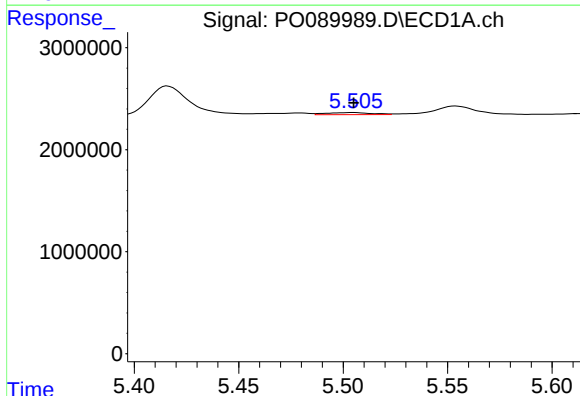
R.T.: 5.187 min
Delta R.T.: -0.026 min
Response: 428105
Conc: 11.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



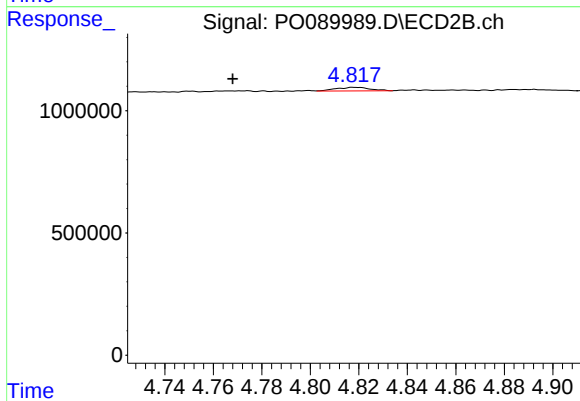
#12 AR-1232-2

R.T.: 4.584 min
Delta R.T.: -0.008 min
Response: 372732
Conc: 15.55 ng/ml



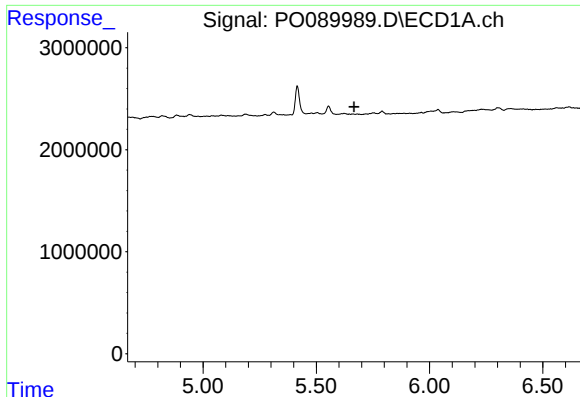
#13 AR-1232-3

R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 305419
Conc: 4.56 ng/ml



#13 AR-1232-3

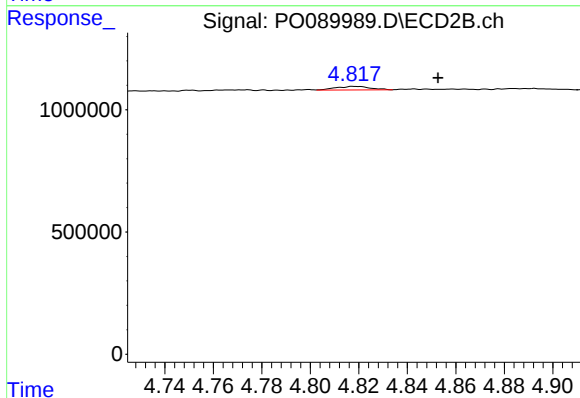
R.T.: 4.818 min
Delta R.T.: 0.050 min
Response: 148969
Conc: 11.73 ng/ml



#14 AR-1232-4

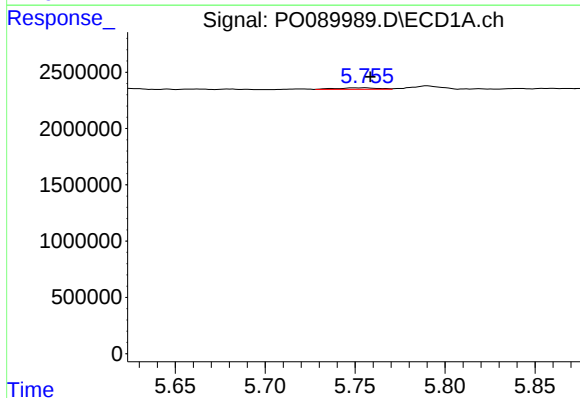
R.T.: 0.000 min
Exp R.T.: 5.666 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



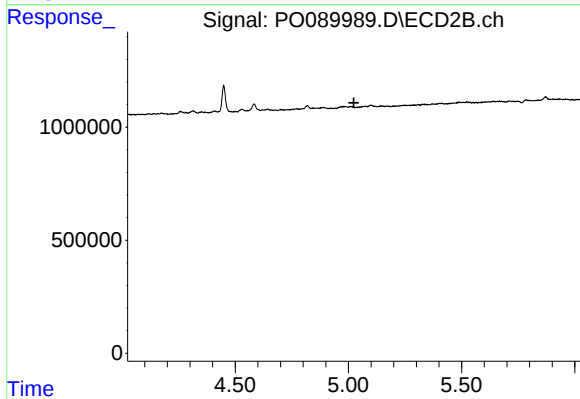
#14 AR-1232-4

R.T.: 4.818 min
Delta R.T.: -0.035 min
Response: 148969
Conc: 12.22 ng/ml



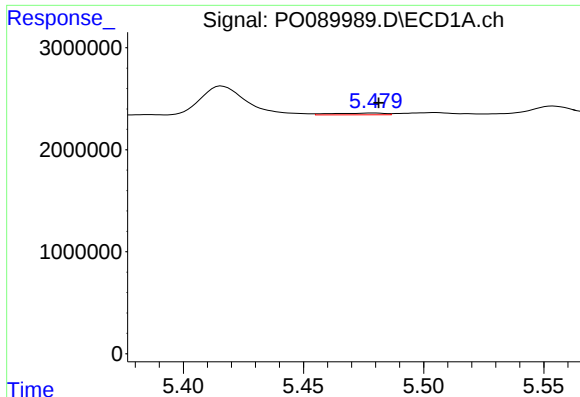
#15 AR-1232-5

R.T.: 5.755 min
Delta R.T.: -0.003 min
Response: 208712
Conc: 7.88 ng/ml



#15 AR-1232-5

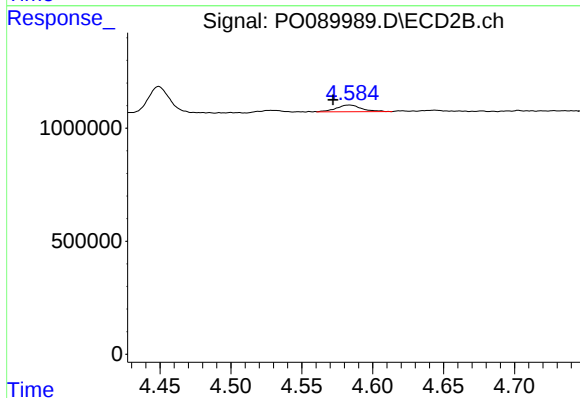
R.T.: 0.000 min
Exp R.T.: 5.024 min
Response: 0
Conc: N.D.



#16 AR-1242-1

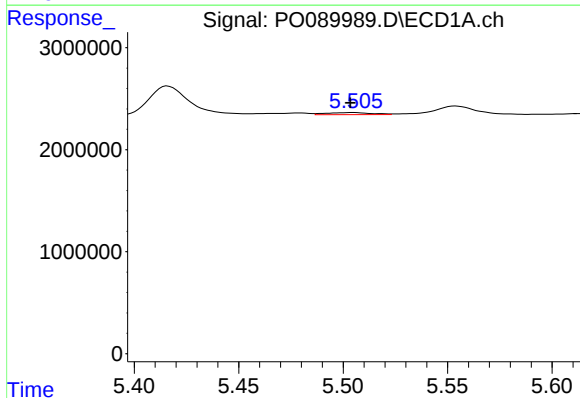
R.T.: 5.479 min
Delta R.T.: -0.002 min
Response: 255017
Conc: 3.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



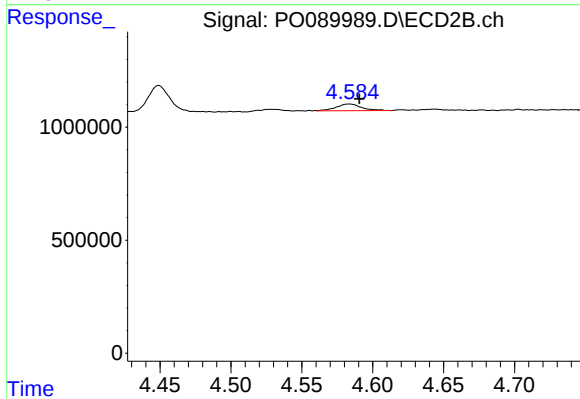
#16 AR-1242-1

R.T.: 4.584 min
Delta R.T.: 0.012 min
Response: 372732
Conc: 12.52 ng/ml



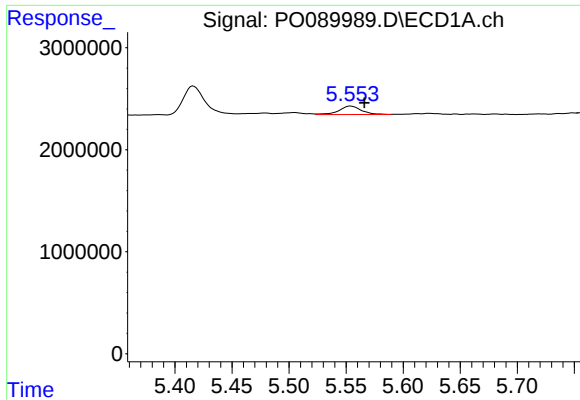
#17 AR-1242-2

R.T.: 5.505 min
Delta R.T.: 0.002 min
Response: 305419
Conc: 2.59 ng/ml



#17 AR-1242-2

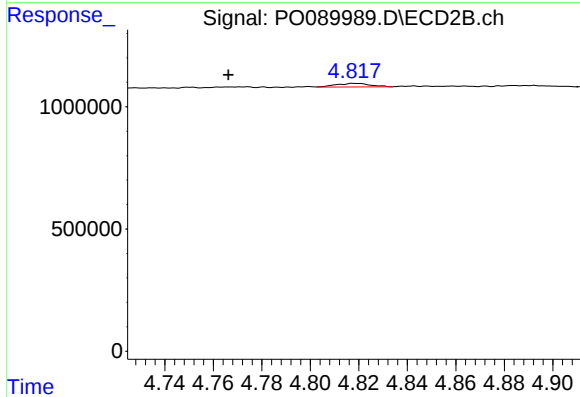
R.T.: 4.584 min
Delta R.T.: -0.007 min
Response: 372732
Conc: 9.16 ng/ml



#18 AR-1242-3

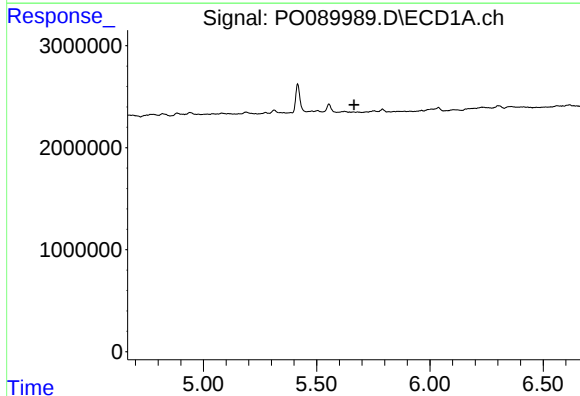
R.T.: 5.554 min
Delta R.T.: -0.012 min
Response: 1113337
Conc: 14.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



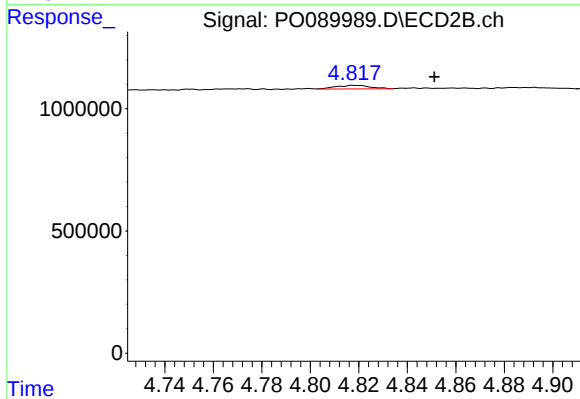
#18 AR-1242-3

R.T.: 4.818 min
Delta R.T.: 0.052 min
Response: 148969
Conc: 6.74 ng/ml



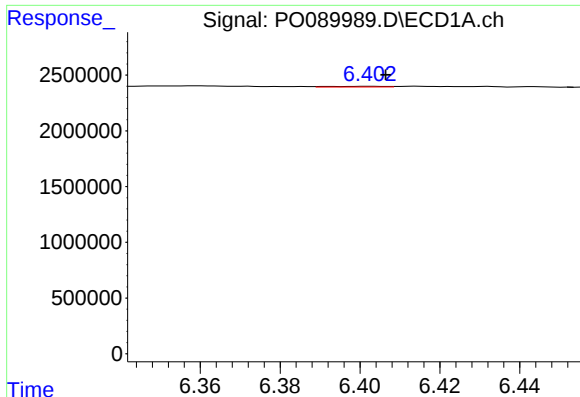
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.665 min
Response: 0
Conc: N.D.



#19 AR-1242-4

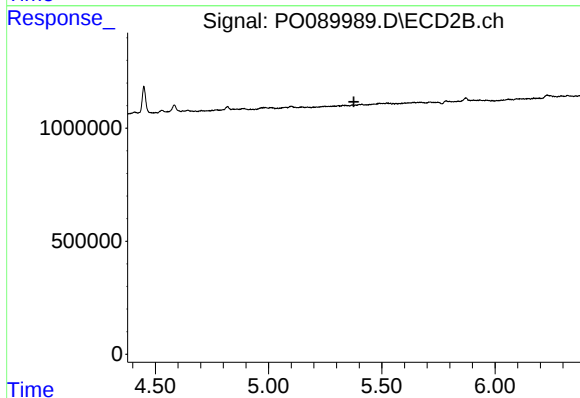
R.T.: 4.818 min
Delta R.T.: -0.033 min
Response: 148969
Conc: 6.28 ng/ml



#20 AR-1242-5

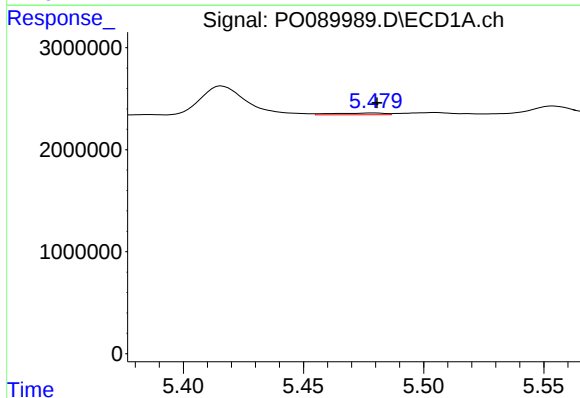
R.T.: 6.403 min
Delta R.T.: -0.004 min
Response: 58230
Conc: 0.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



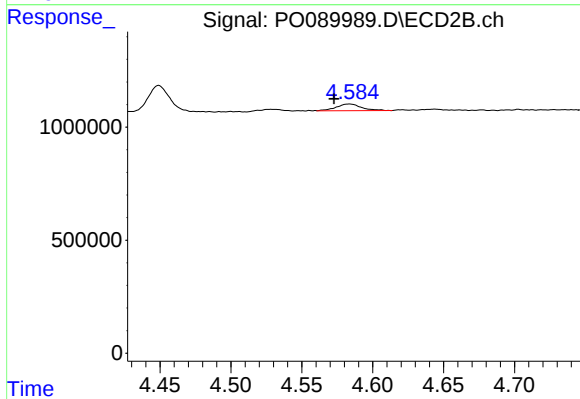
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 5.377 min
Response: 0
Conc: N.D.



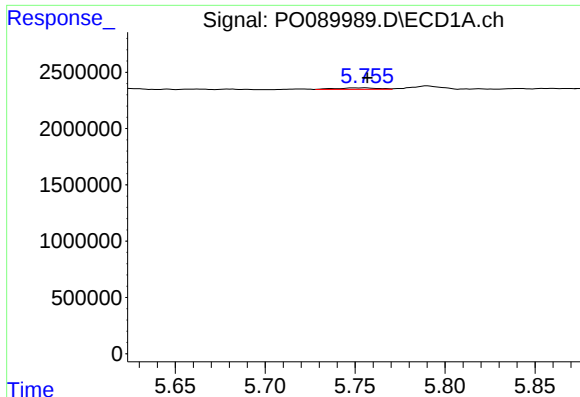
#21 AR-1248-1

R.T.: 5.479 min
Delta R.T.: -0.001 min
Response: 255017
Conc: 4.03 ng/ml



#21 AR-1248-1

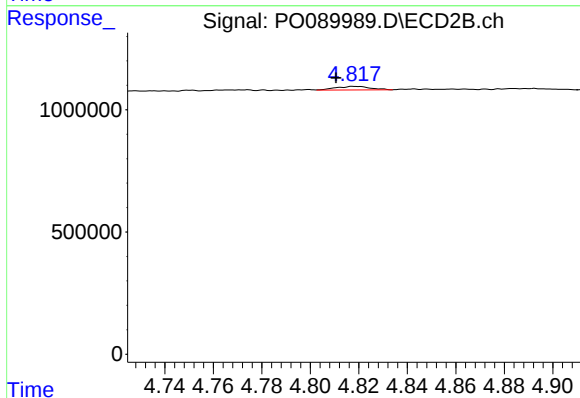
R.T.: 4.584 min
Delta R.T.: 0.011 min
Response: 372732
Conc: 16.42 ng/ml



#22 AR-1248-2

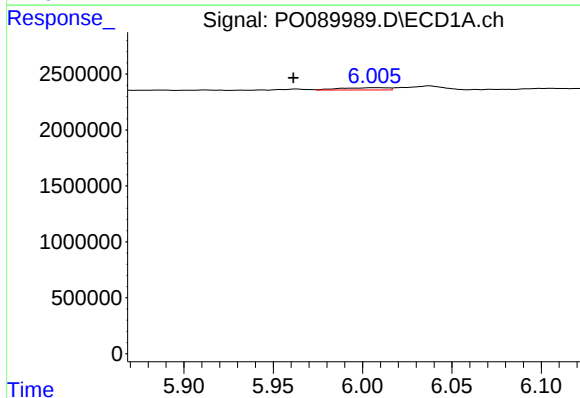
R.T.: 5.755 min
Delta R.T.: -0.001 min
Response: 208712
Conc: 2.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



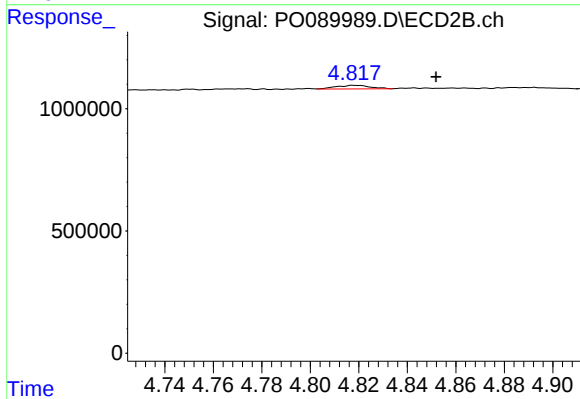
#22 AR-1248-2

R.T.: 4.818 min
Delta R.T.: 0.007 min
Response: 148969
Conc: 4.58 ng/ml



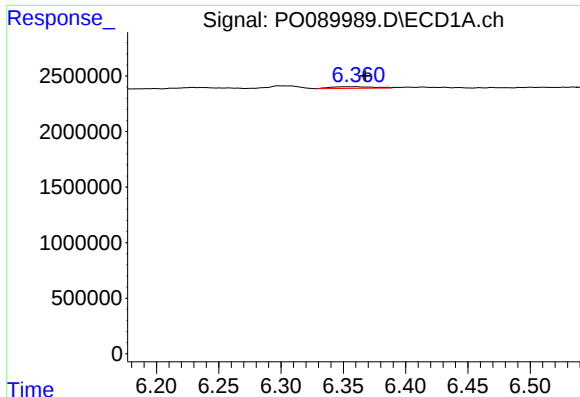
#23 AR-1248-3

R.T.: 6.006 min
Delta R.T.: 0.045 min
Response: 376984
Conc: 3.82 ng/ml



#23 AR-1248-3

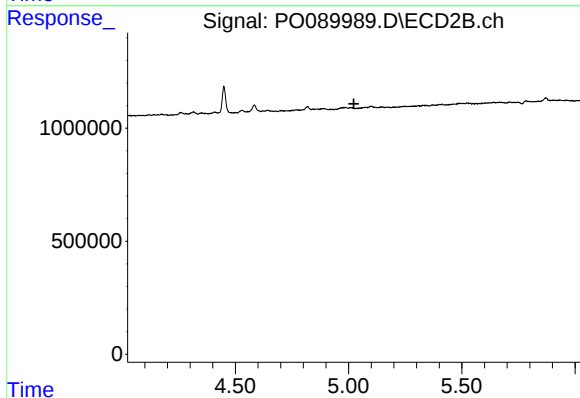
R.T.: 4.818 min
Delta R.T.: -0.034 min
Response: 148969
Conc: 4.42 ng/ml



#24 AR-1248-4

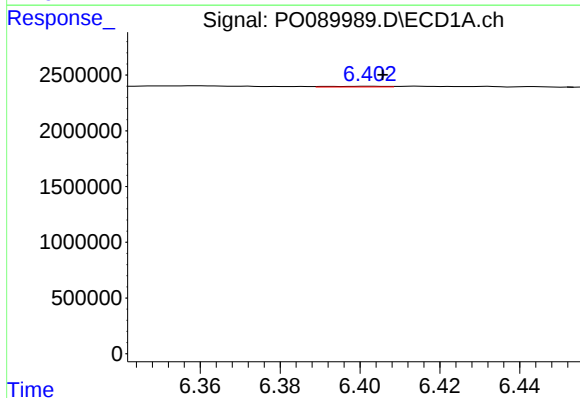
R.T.: 6.360 min
Delta R.T.: -0.007 min
Response: 358243
Conc: 3.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



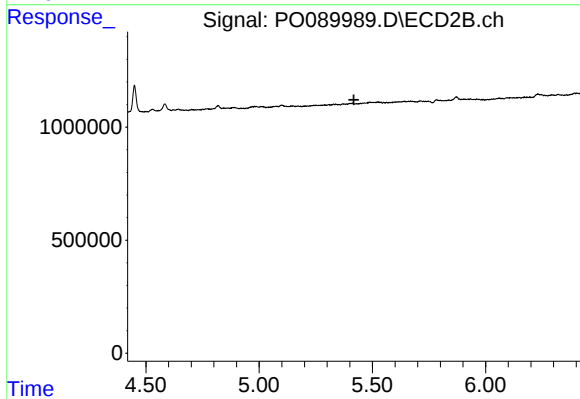
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.023 min
Response: 0
Conc: N.D.



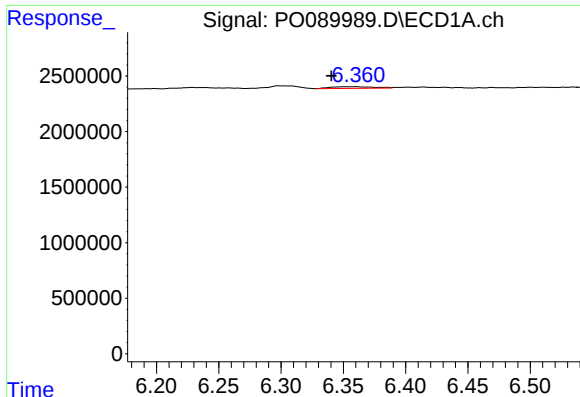
#25 AR-1248-5

R.T.: 6.403 min
Delta R.T.: -0.003 min
Response: 58230
Conc: 0.55 ng/ml



#25 AR-1248-5

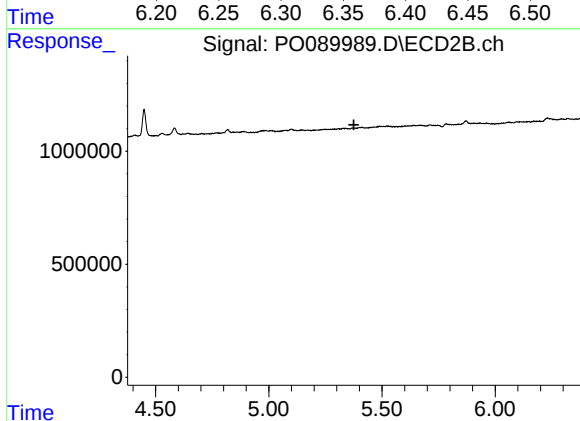
R.T.: 0.000 min
Exp R.T. : 5.418 min
Response: 0
Conc: N.D.



#26 AR-1254-1

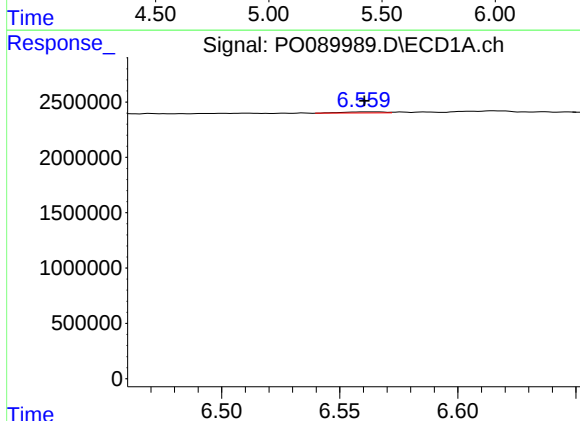
R.T.: 6.360 min
Delta R.T.: 0.020 min
Response: 358243
Conc: 3.09 ng/ml

Instrument :
ECD_O
ClientSampleId :



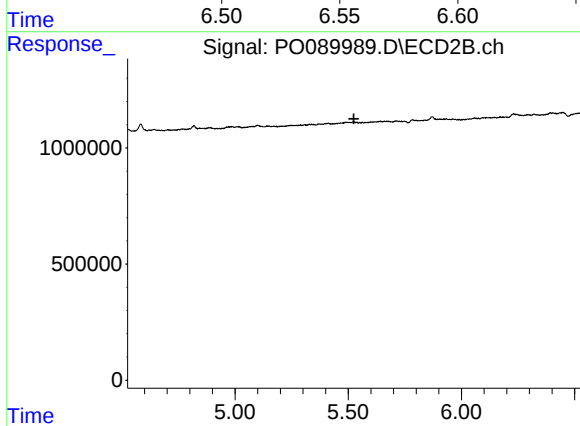
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 5.376 min
Response: 0
Conc: N.D.



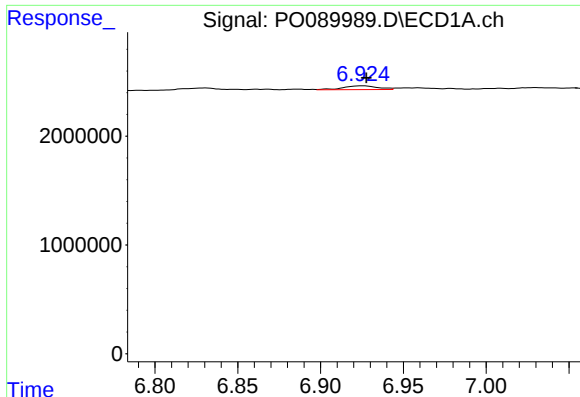
#27 AR-1254-2

R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 121841
Conc: 0.70 ng/ml



#27 AR-1254-2

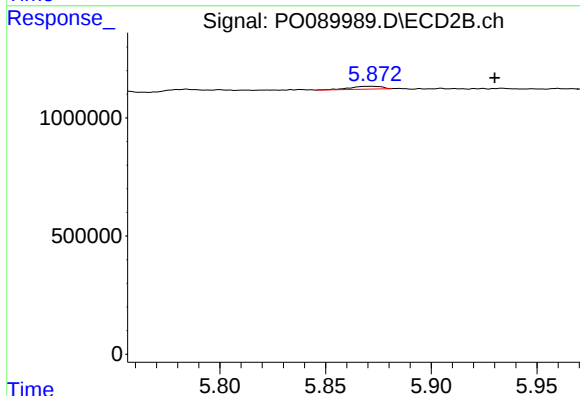
R.T.: 0.000 min
Exp R.T. : 5.525 min
Response: 0
Conc: N.D.



#28 AR-1254-3

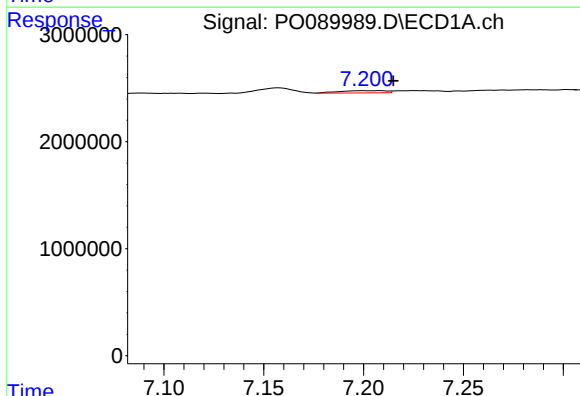
R.T.: 6.925 min
Delta R.T.: -0.003 min
Response: 505219
Conc: 2.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



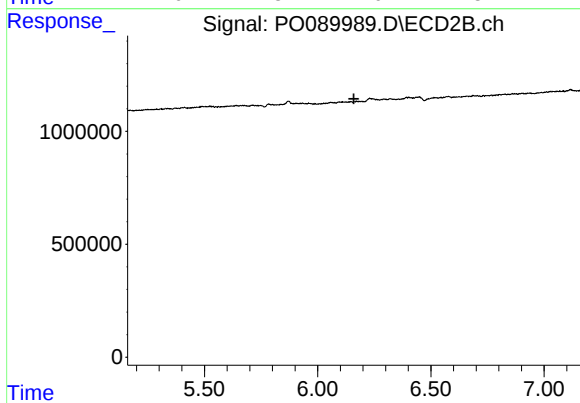
#28 AR-1254-3

R.T.: 5.872 min
Delta R.T.: -0.058 min
Response: 121934
Conc: 1.47 ng/ml



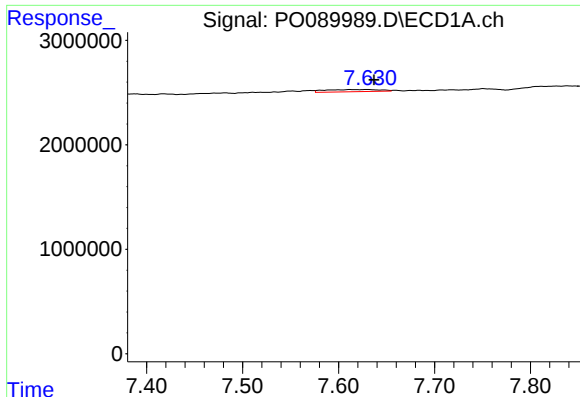
#29 AR-1254-4

R.T.: 7.208 min
Delta R.T.: -0.006 min
Response: 352506
Conc: 2.77 ng/ml



#29 AR-1254-4

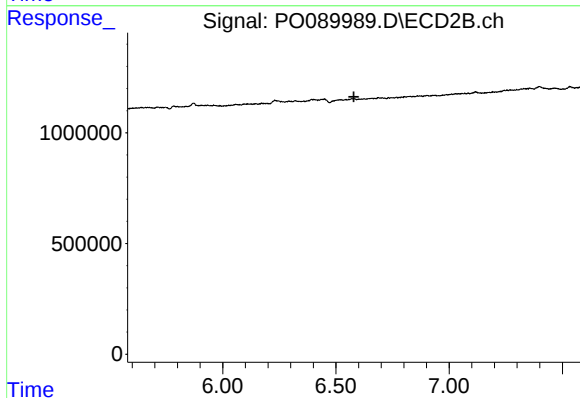
R.T.: 0.000 min
Exp R.T. : 6.160 min
Response: 0
Conc: N.D.



#30 AR-1254-5

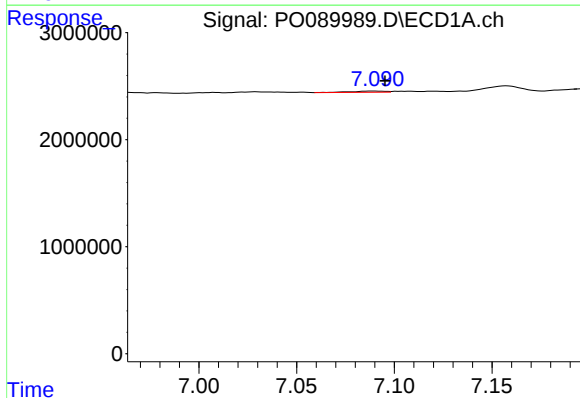
R.T.: 7.631 min
Delta R.T.: -0.006 min
Response: 830929
Conc: 5.90 ng/ml

Instrument :
ECD_O
ClientSampleId :



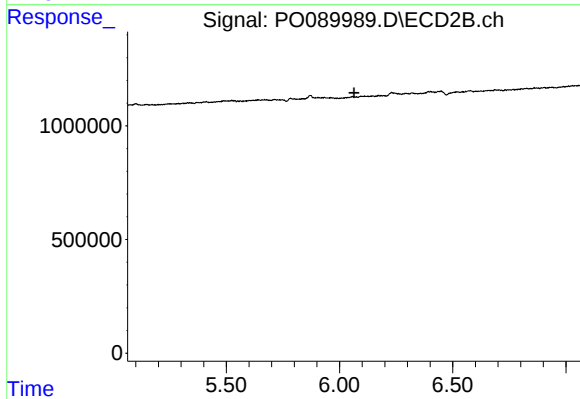
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 6.579 min
Response: 0
Conc: N.D.



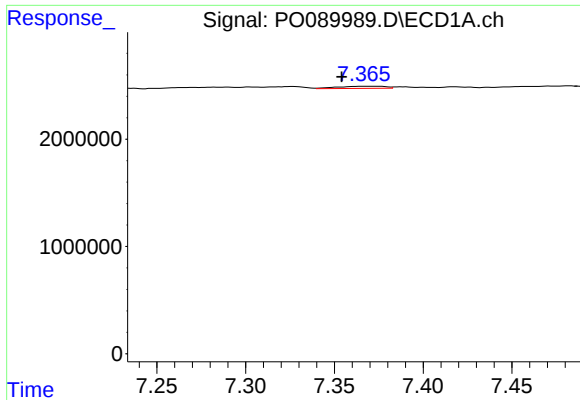
#31 AR-1260-1

R.T.: 7.090 min
Delta R.T.: -0.005 min
Response: 130399
Conc: 0.93 ng/ml



#31 AR-1260-1

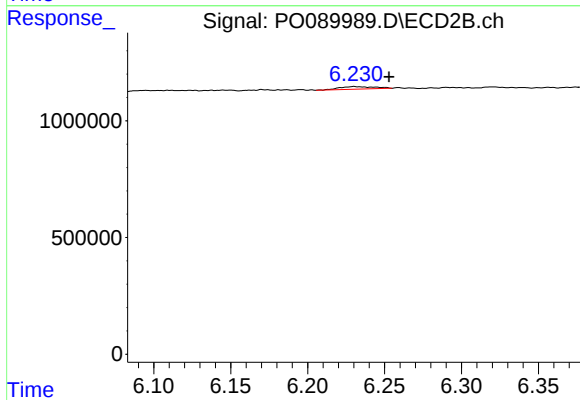
R.T.: 0.000 min
Exp R.T. : 6.064 min
Response: 0
Conc: N.D.



#32 AR-1260-2

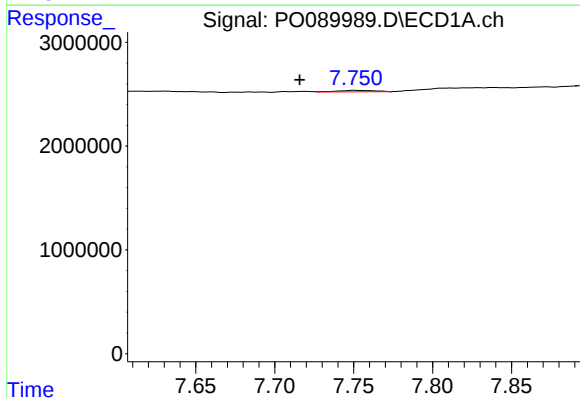
R.T.: 7.366 min
Delta R.T.: 0.012 min
Response: 383180
Conc: 2.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



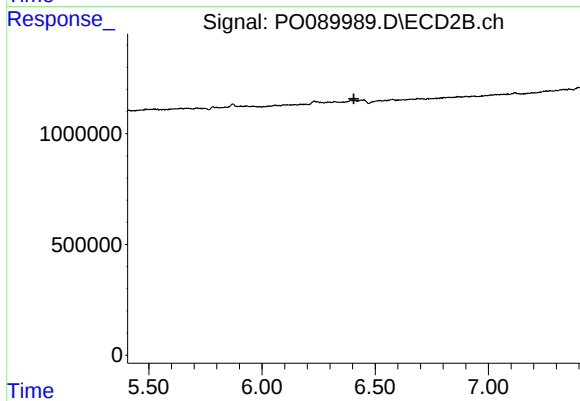
#32 AR-1260-2

R.T.: 6.230 min
Delta R.T.: -0.023 min
Response: 178044
Conc: 2.46 ng/ml



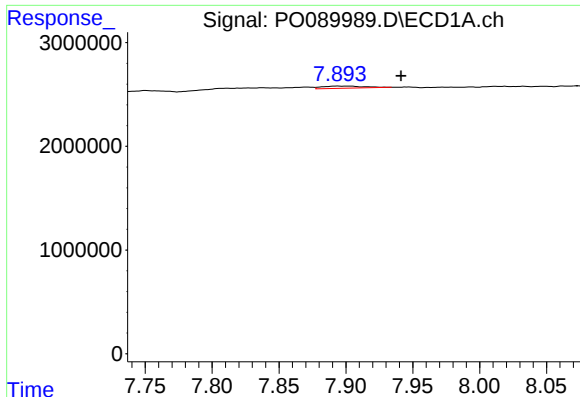
#33 AR-1260-3

R.T.: 7.751 min
Delta R.T.: 0.035 min
Response: 247324
Conc: 2.35 ng/ml



#33 AR-1260-3

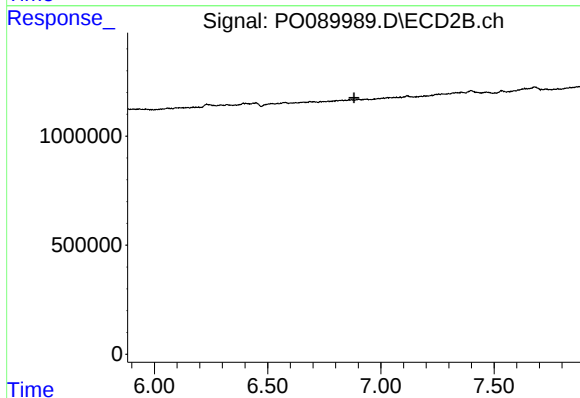
R.T.: 0.000 min
Exp R.T.: 6.406 min
Response: 0
Conc: N.D.



#34 AR-1260-4

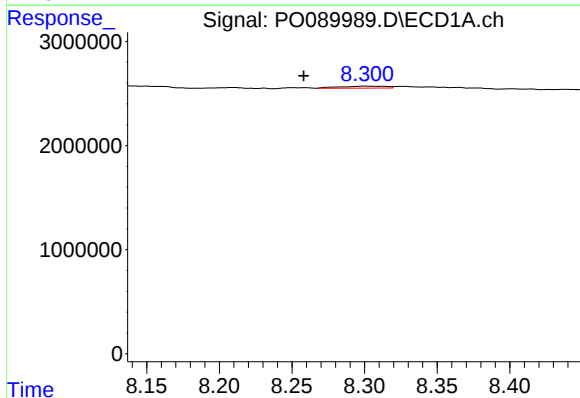
R.T.: 7.894 min
Delta R.T.: -0.047 min
Response: 466378
Conc: 3.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



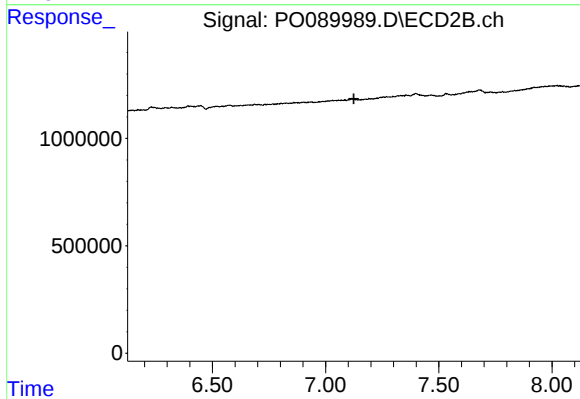
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 6.881 min
Response: 0
Conc: N.D.



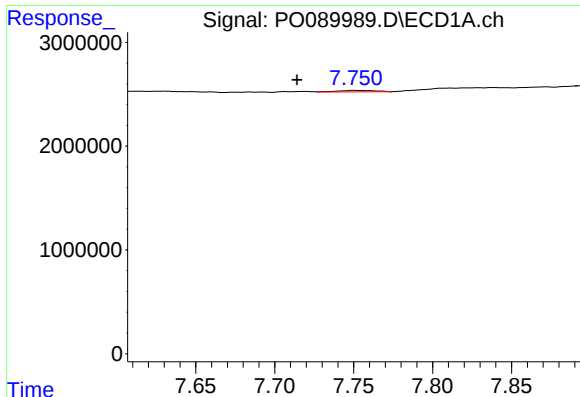
#35 AR-1260-5

R.T.: 8.300 min
Delta R.T.: 0.042 min
Response: 407387
Conc: 1.79 ng/ml



#35 AR-1260-5

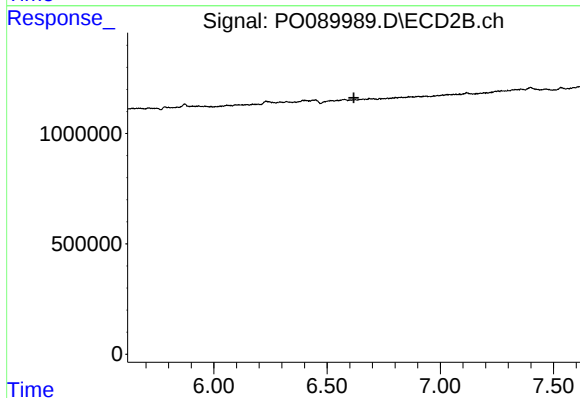
R.T.: 0.000 min
Exp R.T. : 7.125 min
Response: 0
Conc: N.D.



#36 AR-1262-1

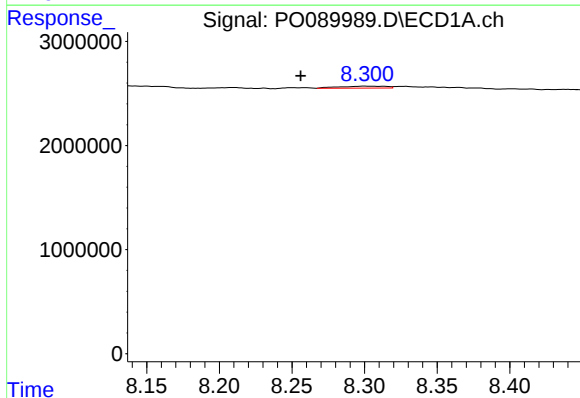
R.T.: 7.751 min
Delta R.T.: 0.036 min
Response: 247324
Conc: 1.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



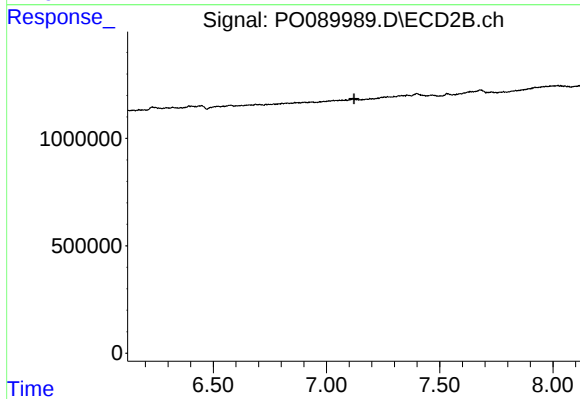
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 6.618 min
Response: 0
Conc: N.D.



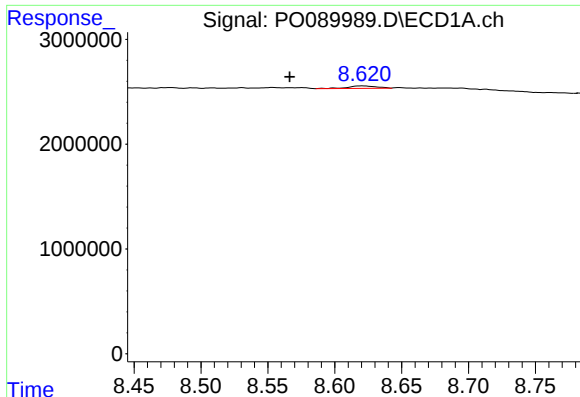
#37 AR-1262-2

R.T.: 8.300 min
Delta R.T.: 0.044 min
Response: 407387
Conc: 1.45 ng/ml



#37 AR-1262-2

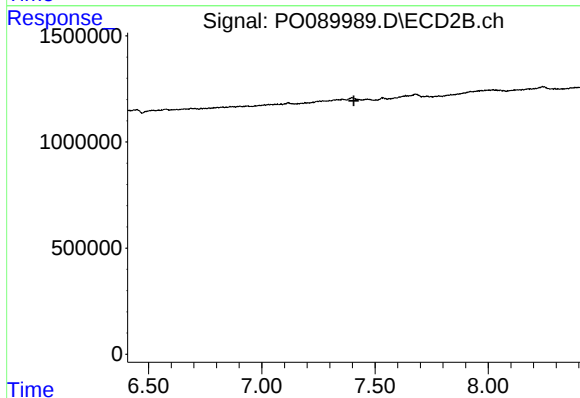
R.T.: 0.000 min
Exp R.T. : 7.121 min
Response: 0
Conc: N.D.



#38 AR-1262-3

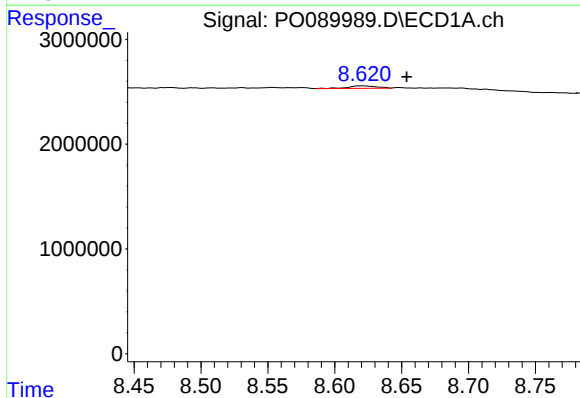
R.T.: 8.621 min
Delta R.T.: 0.055 min
Response: 331059
Conc: 1.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



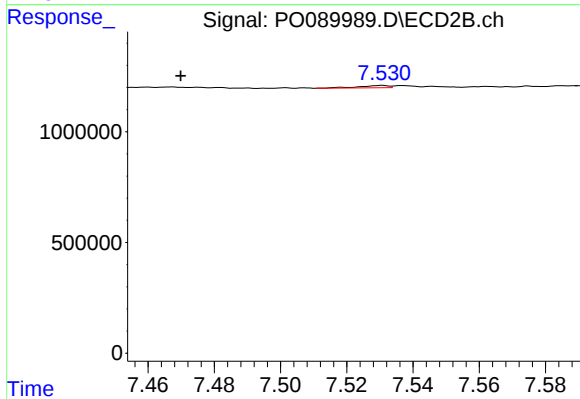
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 7.407 min
Response: 0
Conc: N.D.



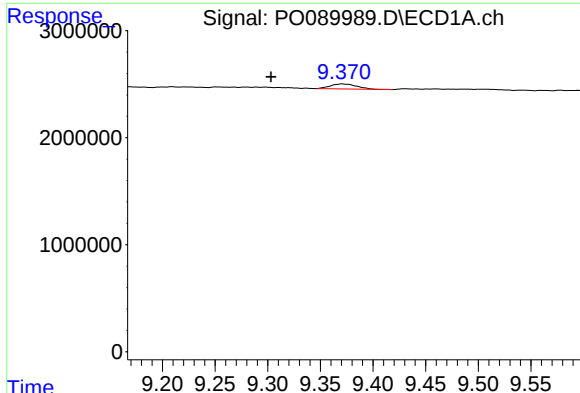
#39 AR-1262-4

R.T.: 8.621 min
Delta R.T.: -0.033 min
Response: 331059
Conc: 3.40 ng/ml



#39 AR-1262-4

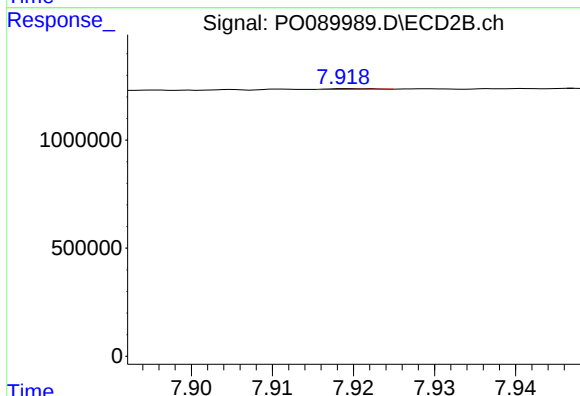
R.T.: 7.531 min
Delta R.T.: 0.061 min
Response: 65522
Conc: 0.67 ng/ml



#40 AR-1262-5

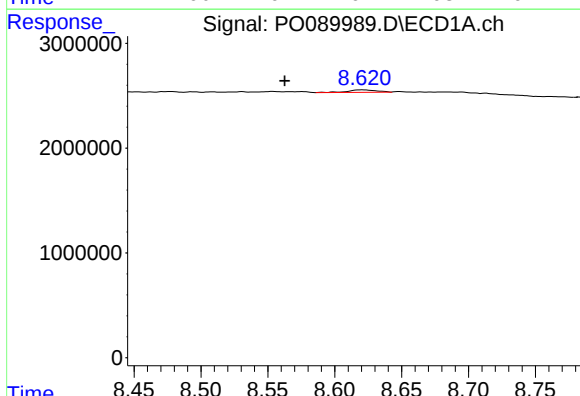
R.T.: 9.371 min
Delta R.T.: 0.067 min
Response: 810070
Conc: 7.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



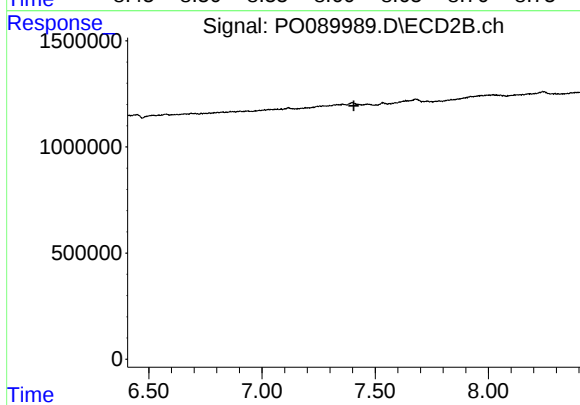
#40 AR-1262-5

R.T.: 7.919 min
Delta R.T.: -0.047 min
Response: 12939
Conc: 0.27 ng/ml



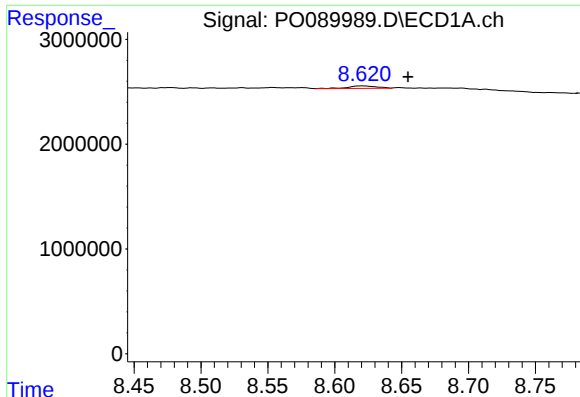
#41 AR-1268-1

R.T.: 8.621 min
Delta R.T.: 0.058 min
Response: 331059
Conc: 0.95 ng/ml



#41 AR-1268-1

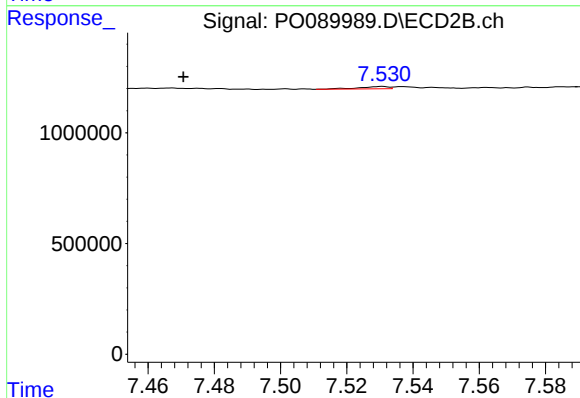
R.T.: 0.000 min
Exp R.T.: 7.406 min
Response: 0
Conc: N.D.



#42 AR-1268-2

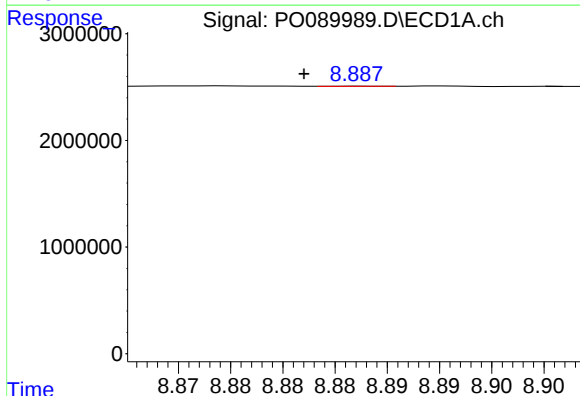
R.T.: 8.621 min
Delta R.T.: -0.034 min
Response: 331059
Conc: 1.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



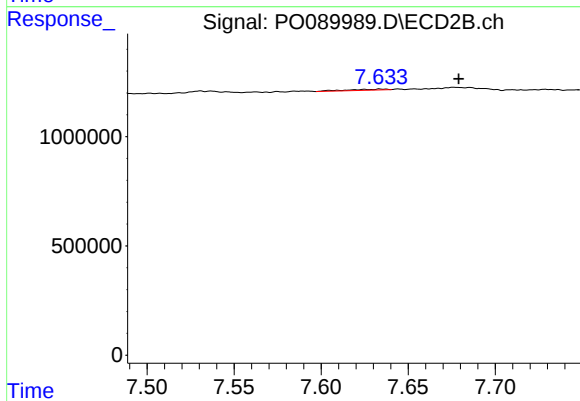
#42 AR-1268-2

R.T.: 7.531 min
Delta R.T.: 0.060 min
Response: 65522
Conc: 0.47 ng/ml



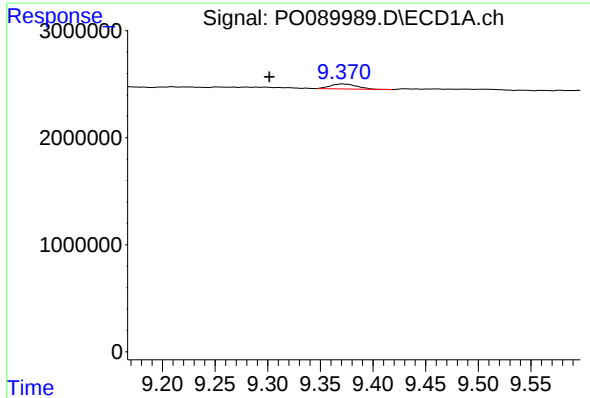
#43 AR-1268-3

R.T.: 8.887 min
Delta R.T.: 0.005 min
Response: 6850
Conc: 0.03 ng/ml



#43 AR-1268-3

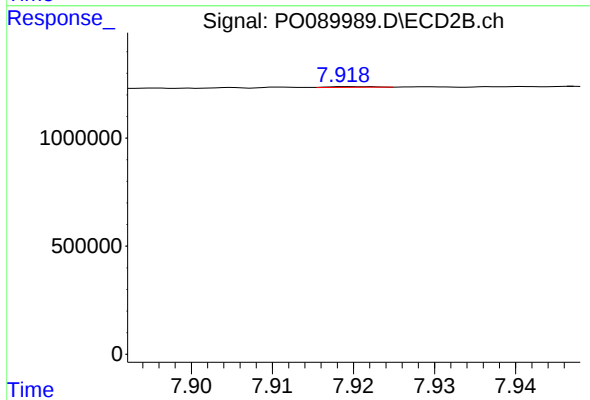
R.T.: 7.634 min
Delta R.T.: -0.045 min
Response: 70164
Conc: 0.58 ng/ml



#44 AR-1268-4

R.T.: 9.371 min
Delta R.T.: 0.069 min
Response: 810070
Conc: 6.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



#44 AR-1268-4

R.T.: 7.919 min
Delta R.T.: -0.047 min
Response: 12939
Conc: 0.24 ng/ml