

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0032723\
 Data File : P0093586.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Mar 2023 17:26
 Operator : YP/AJ
 Sample : 02104-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 27 21:20:52 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...	4.425	3.631	63266006	23823364	20.203	21.123
2)	SA Decachlor...	10.253	8.654	39207556	16788836	18.116	17.147
Target Compounds							
3)	L1 AR-1016-1	5.601	0.000	1607825	0	16.827	N.D. #
4)	L1 AR-1016-2	5.623	0.000	2146334	0	15.031	N.D. #
5)	L1 AR-1016-3	5.680	0.000	2482679	0	27.362	N.D. #
7)	L1 AR-1016-5	6.085	0.000	1047113	0	13.985	N.D. #
8)	L2 AR-1221-1	4.631	0.000	261676	0	6.474	N.D. #
9)	L2 AR-1221-2	4.731	3.928	862055	492216	28.446	45.072 #
10)	L2 AR-1221-3	4.797	4.062f	293844	7106315	3.214	208.597 #
11)	L3 AR-1232-1	4.797	4.062f	293844	7106315	4.025	251.603 #
12)	L3 AR-1232-2	5.295f	0.000	2155700	0	59.953	N.D. #
13)	L3 AR-1232-3	5.623	0.000	2146334	0	32.786	N.D. #
15)	L3 AR-1232-5	5.877	0.000	258163	0	9.304	N.D. #
16)	L4 AR-1242-1	5.601	0.000	1607825	0	19.616	N.D. #
17)	L4 AR-1242-2	5.623	0.000	2146334	0	17.883	N.D. #
18)	L4 AR-1242-3	5.680	0.000	2482679	0	32.348	N.D. #
20)	L4 AR-1242-5	6.532	0.000	920133	0	14.724	N.D. #
21)	L5 AR-1248-1	5.601	0.000	1607825	0	25.864	N.D. #
22)	L5 AR-1248-2	5.877	0.000	258163	0	2.703	N.D. #
23)	L5 AR-1248-3	6.085	0.000	1047113	0	10.063	N.D. #
24)	L5 AR-1248-4	6.492	0.000	855706	0	8.403	N.D. #
25)	L5 AR-1248-5	6.532	0.000	920133	0	8.989	N.D. #
26)	L6 AR-1254-1	6.465	0.000	1159831	0	9.925	N.D. #
27)	L6 AR-1254-2	6.683	0.000	1070796	0	6.267	N.D. #
28)	L6 AR-1254-3	7.060	6.088	2327826	1231470	14.003	14.304
29)	L6 AR-1254-4	7.341	0.000	2207912	0	20.712	N.D. #
30)	L6 AR-1254-5	7.784	6.717	5219806	2069658	38.549	28.024 #
31)	L7 AR-1260-1	7.280f	6.208	2250757	626928	17.373	10.312 #
32)	L7 AR-1260-2	7.467	6.392	6657421	616860	45.097	8.532 #
33)	L7 AR-1260-3	7.841	6.550	203923	816276	1.813	12.207 #
34)	L7 AR-1260-4	8.055	0.000	1387732	0	10.822	N.D. #
35)	L7 AR-1260-5	8.394	0.000	599235	0	2.682	N.D. #
36)	L8 AR-1262-1	7.784	6.717	5219806	2069658	52.511	55.385
37)	L8 AR-1262-2	8.394	0.000	599235	0	2.525	N.D. #
38)	L8 AR-1262-3	8.777f	0.000	875291	0	5.183	N.D. #
39)	L8 AR-1262-4	8.816	0.000	504878	0	5.637	N.D. #
40)	L8 AR-1262-5	9.458	0.000	1066333	0	11.165	N.D. #
41)	L9 AR-1268-1	8.777f	0.000	875291	0	2.741	N.D. #
42)	L9 AR-1268-2	8.816	0.000	504878	0	1.739	N.D. #
43)	L9 AR-1268-3	9.047	0.000	208229	0	0.816	N.D. #
44)	L9 AR-1268-4	9.458	0.000	1066333	0	9.985	N.D. #

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Instrument :
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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
45) L9	AR-1268-5	9.902	0.000	75820	0	0.094	N.D. #

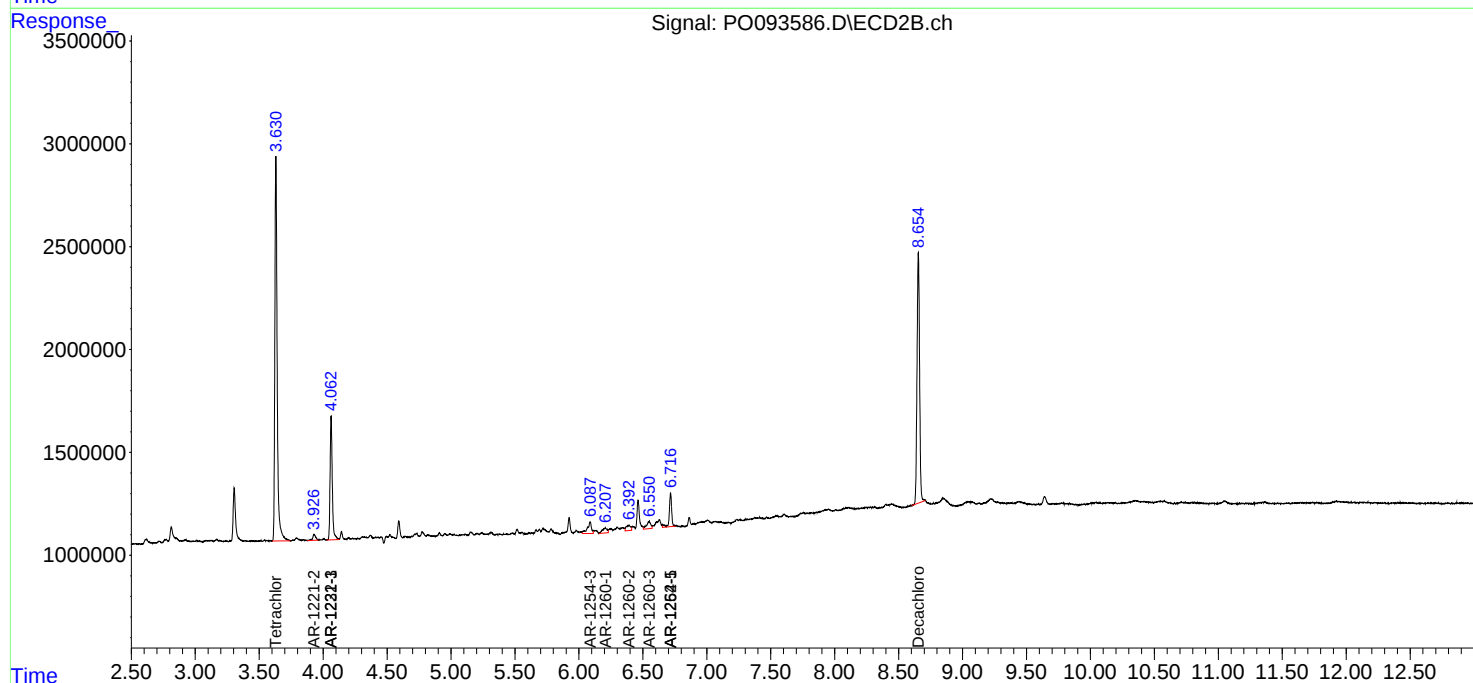
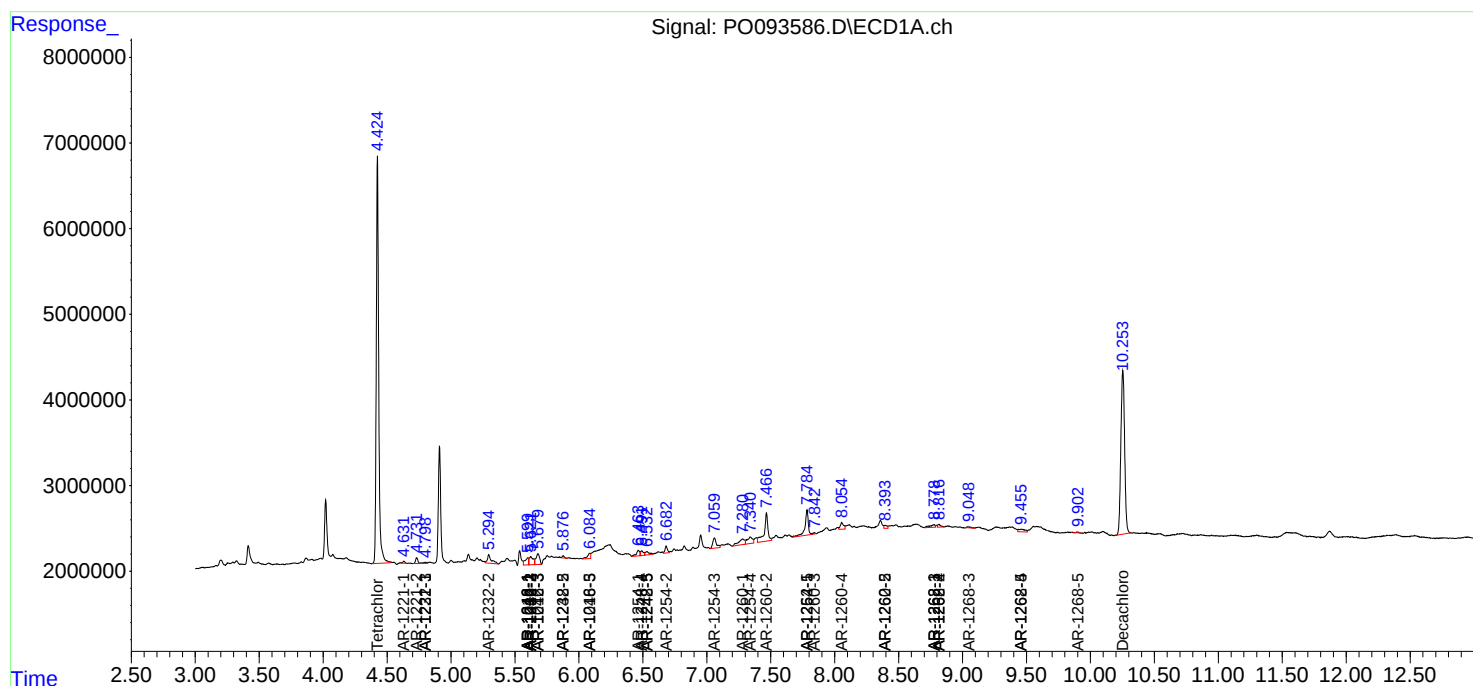
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

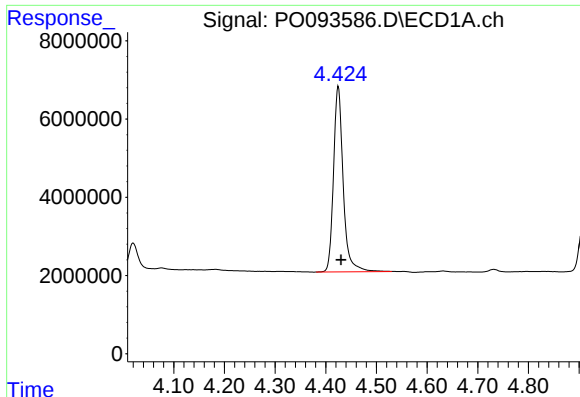
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0032723\
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Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

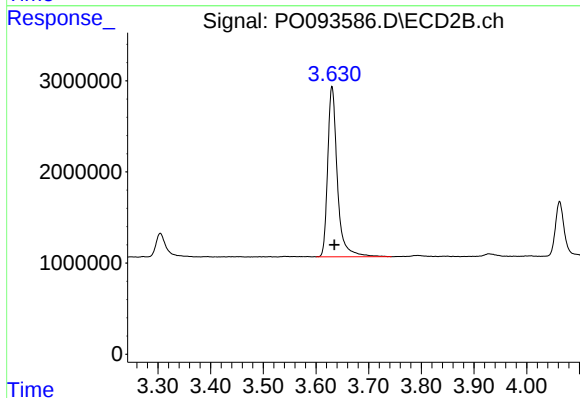




#1 Tetrachloro-m-xylene

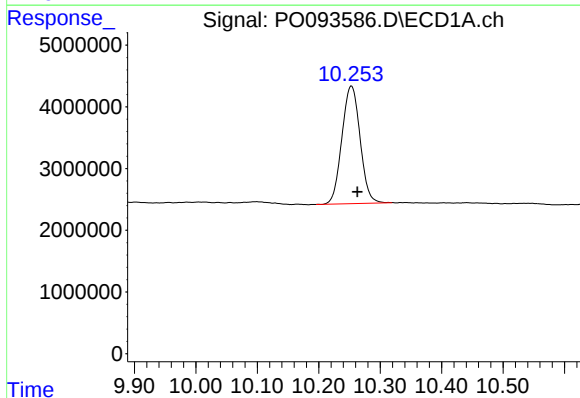
R.T.: 4.425 min
Delta R.T.: -0.005 min
Response: 63266006
Conc: 20.20 ng/ml

Instrument :
ECD_O
ClientSampleId :



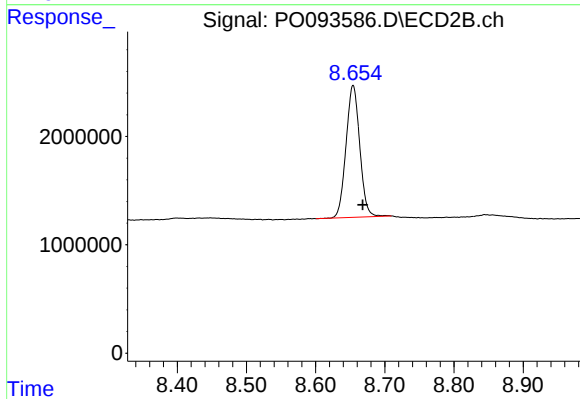
#1 Tetrachloro-m-xylene

R.T.: 3.631 min
Delta R.T.: -0.004 min
Response: 23823364
Conc: 21.12 ng/ml



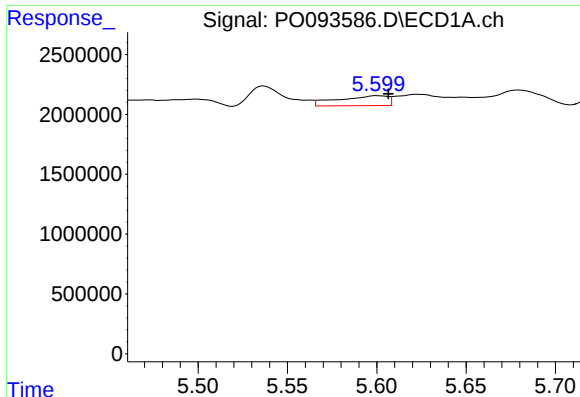
#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.010 min
Response: 39207556
Conc: 18.12 ng/ml



#2 Decachlorobiphenyl

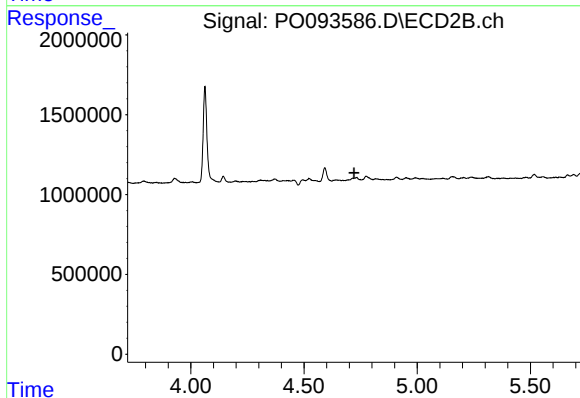
R.T.: 8.654 min
Delta R.T.: -0.014 min
Response: 16788836
Conc: 17.15 ng/ml



#3 AR-1016-1

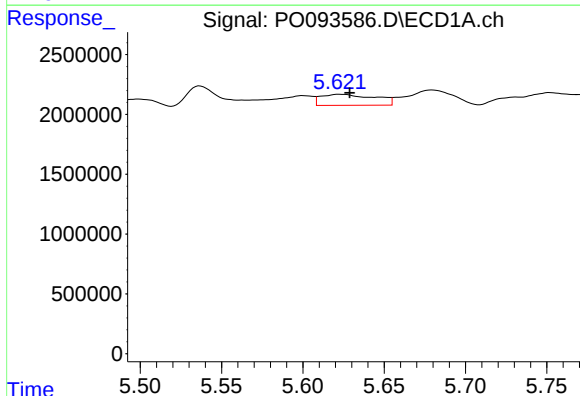
R.T.: 5.601 min
Delta R.T.: -0.006 min
Response: 1607825
Conc: 16.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



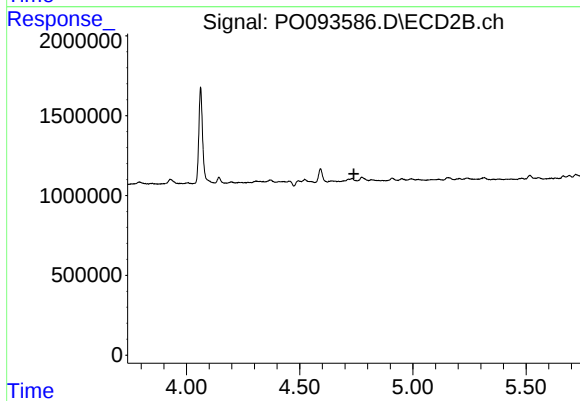
#3 AR-1016-1

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



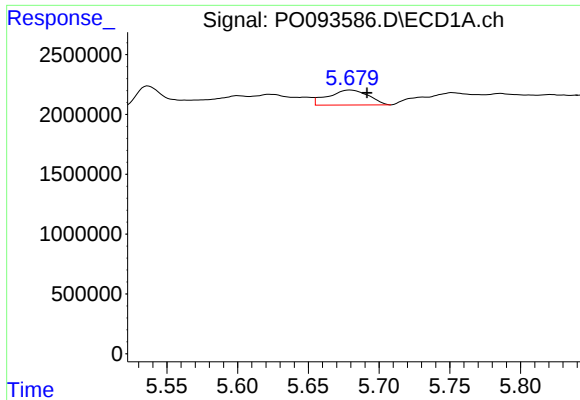
#4 AR-1016-2

R.T.: 5.623 min
Delta R.T.: -0.005 min
Response: 2146334
Conc: 15.03 ng/ml



#4 AR-1016-2

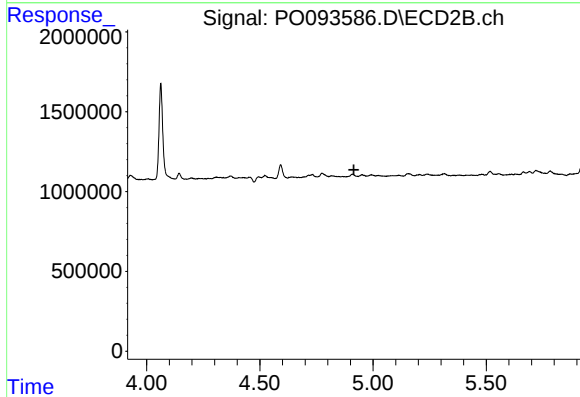
R.T.: 0.000 min
Exp R.T. : 4.739 min
Response: 0
Conc: N.D.



#5 AR-1016-3

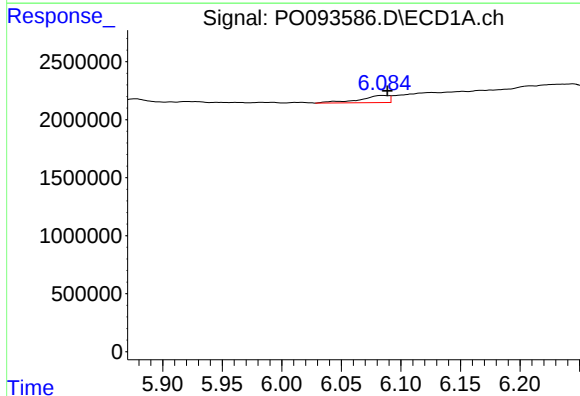
R.T.: 5.680 min
Delta R.T.: -0.012 min
Response: 2482679
Conc: 27.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



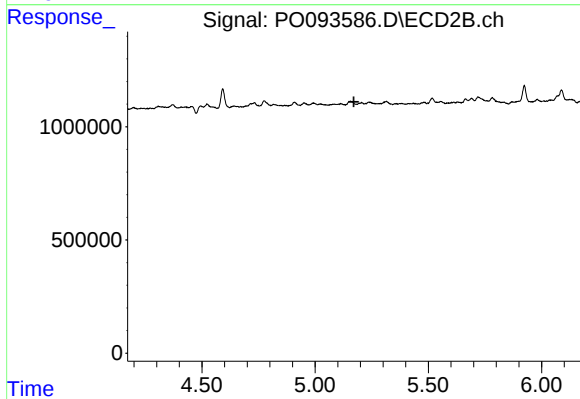
#5 AR-1016-3

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



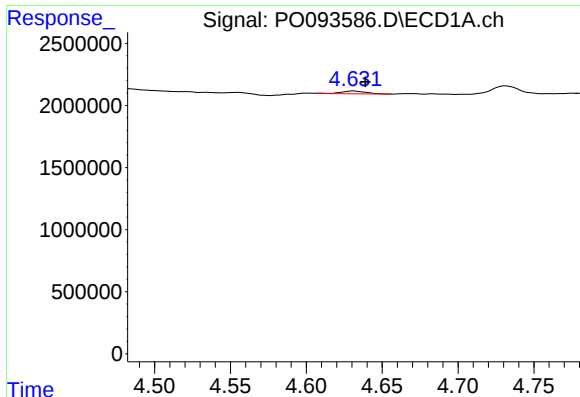
#7 AR-1016-5

R.T.: 6.085 min
Delta R.T.: -0.003 min
Response: 1047113
Conc: 13.99 ng/ml



#7 AR-1016-5

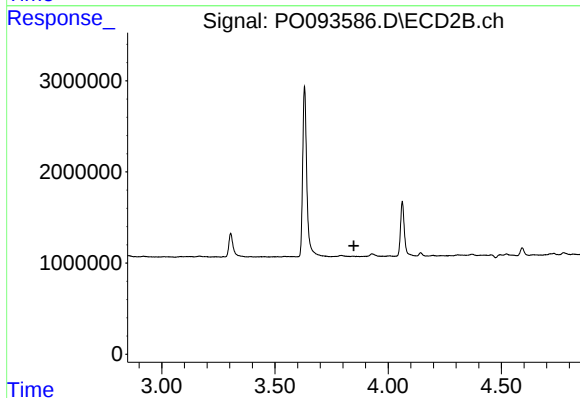
R.T.: 0.000 min
Exp R.T. : 5.171 min
Response: 0
Conc: N.D.



#8 AR-1221-1

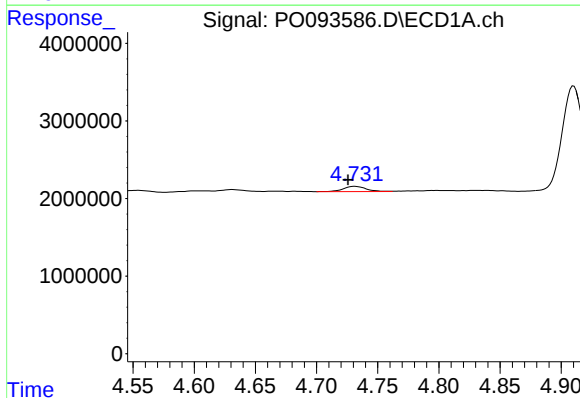
R.T.: 4.631 min
Delta R.T.: -0.008 min
Response: 261676
Conc: 6.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



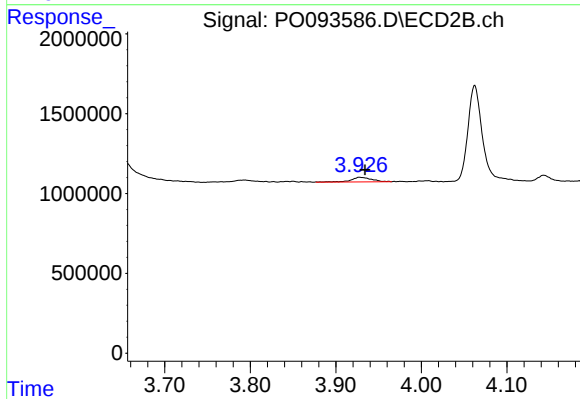
#8 AR-1221-1

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



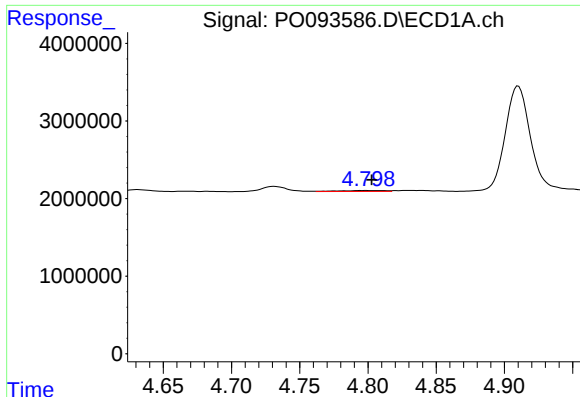
#9 AR-1221-2

R.T.: 4.731 min
Delta R.T.: 0.006 min
Response: 862055
Conc: 28.45 ng/ml



#9 AR-1221-2

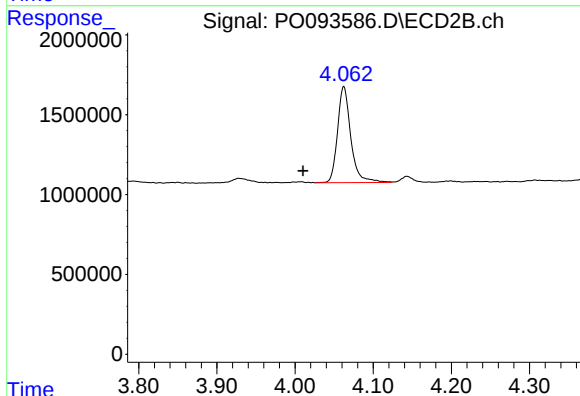
R.T.: 3.928 min
Delta R.T.: -0.006 min
Response: 492216
Conc: 45.07 ng/ml



#10 AR-1221-3

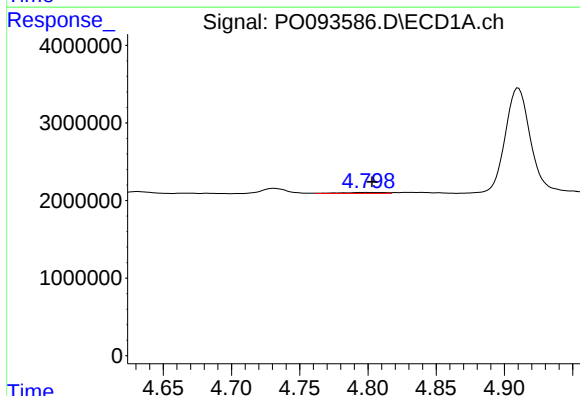
R.T.: 4.797 min
Delta R.T.: -0.006 min
Response: 293844
Conc: 3.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



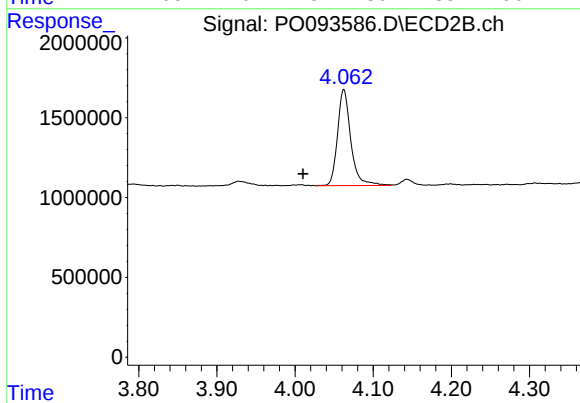
#10 AR-1221-3

R.T.: 4.062 min
Delta R.T.: 0.052 min
Response: 7106315
Conc: 208.60 ng/ml



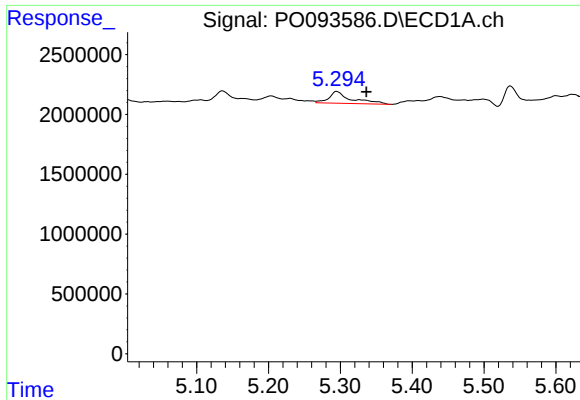
#11 AR-1232-1

R.T.: 4.797 min
Delta R.T.: -0.006 min
Response: 293844
Conc: 4.02 ng/ml



#11 AR-1232-1

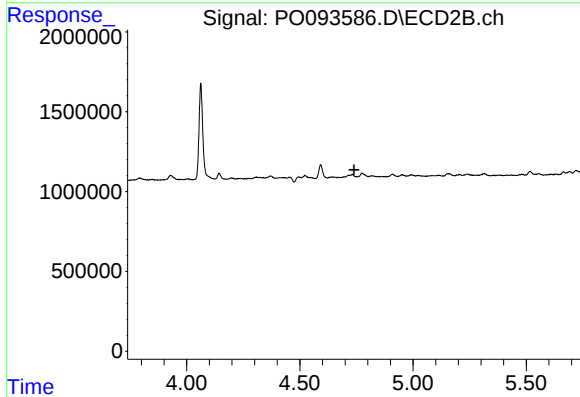
R.T.: 4.062 min
Delta R.T.: 0.052 min
Response: 7106315
Conc: 251.60 ng/ml



#12 AR-1232-2

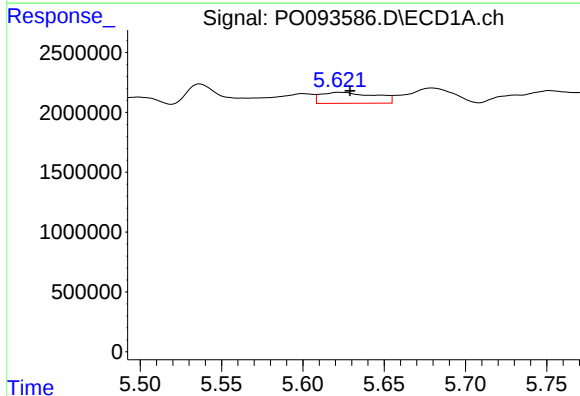
R.T.: 5.295 min
Delta R.T.: -0.041 min
Response: 2155700
Conc: 59.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



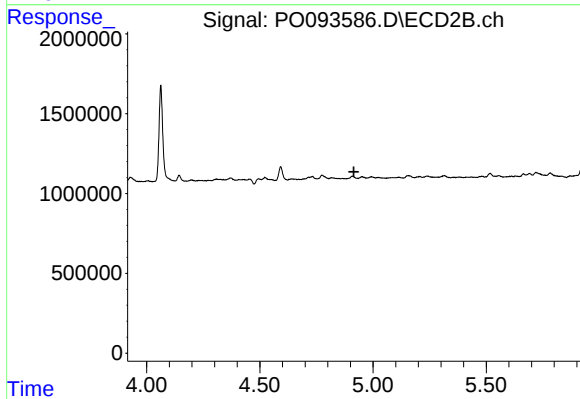
#12 AR-1232-2

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



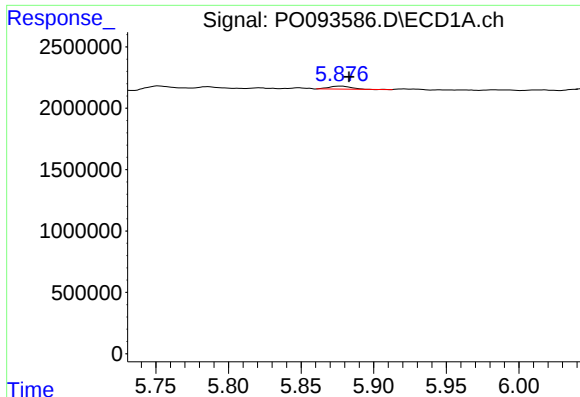
#13 AR-1232-3

R.T.: 5.623 min
Delta R.T.: -0.006 min
Response: 2146334
Conc: 32.79 ng/ml



#13 AR-1232-3

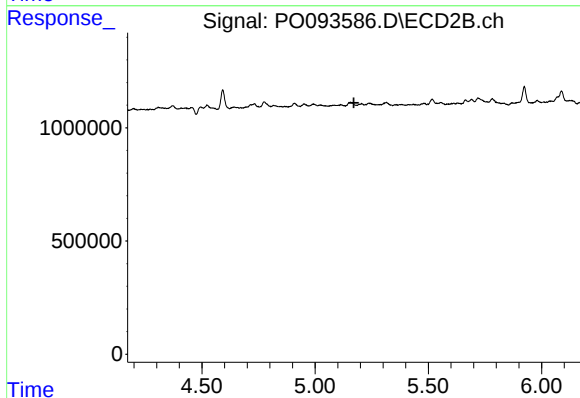
R.T.: 0.000 min
Exp R.T. : 4.915 min
Response: 0
Conc: N.D.



#15 AR-1232-5

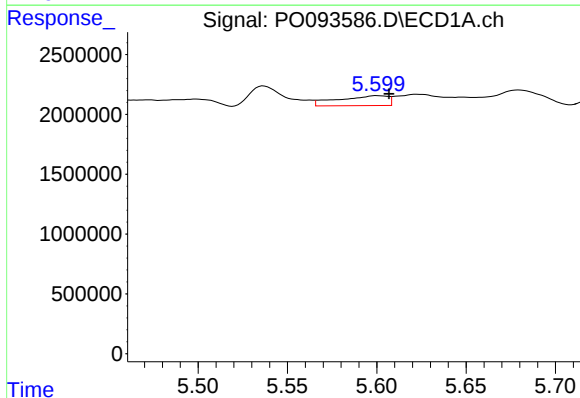
R.T.: 5.877 min
Delta R.T.: -0.006 min
Response: 258163
Conc: 9.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



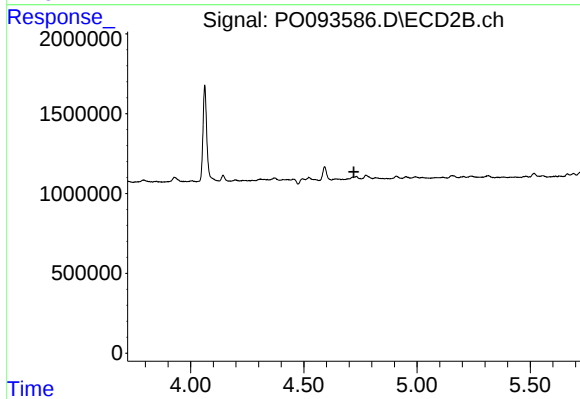
#15 AR-1232-5

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



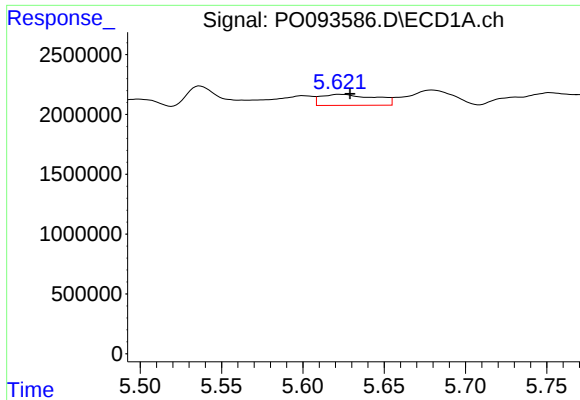
#16 AR-1242-1

R.T.: 5.601 min
Delta R.T.: -0.006 min
Response: 1607825
Conc: 19.62 ng/ml



#16 AR-1242-1

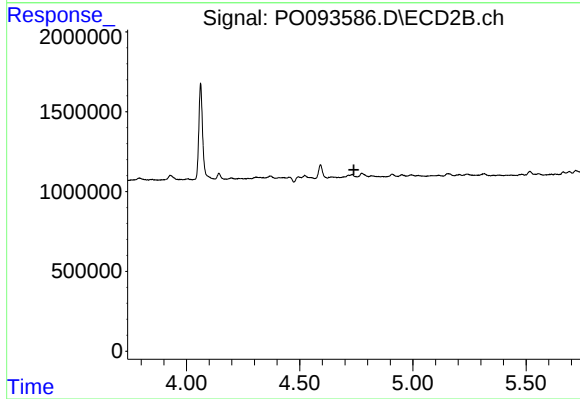
R.T.: 0.000 min
Exp R.T. : 4.721 min
Response: 0
Conc: N.D.



#17 AR-1242-2

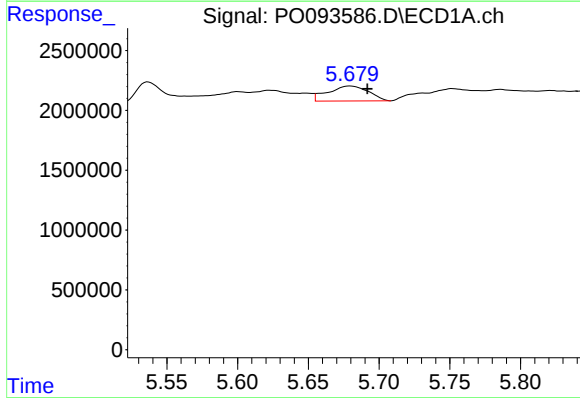
R.T.: 5.623 min
Delta R.T.: -0.006 min
Response: 2146334
Conc: 17.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



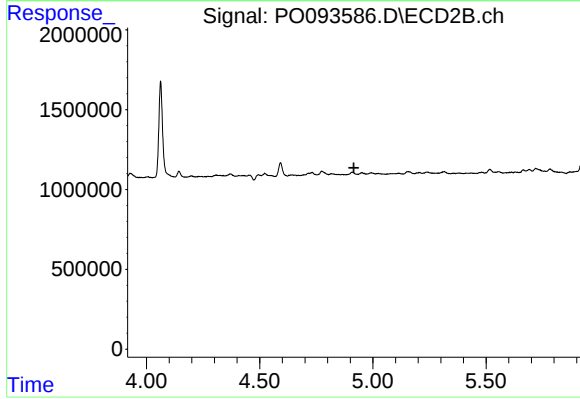
#17 AR-1242-2

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



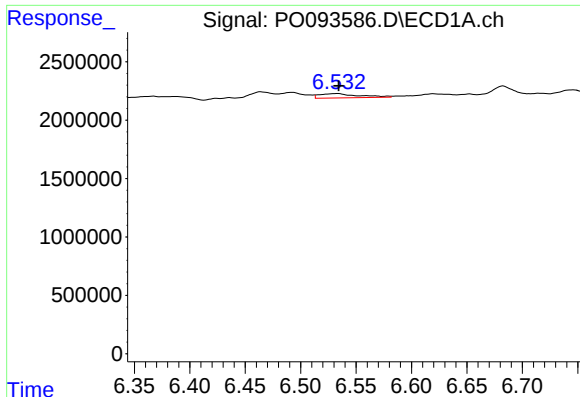
#18 AR-1242-3

R.T.: 5.680 min
Delta R.T.: -0.012 min
Response: 2482679
Conc: 32.35 ng/ml



#18 AR-1242-3

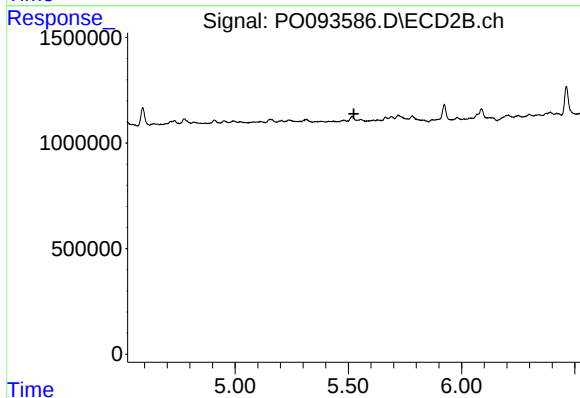
R.T.: 0.000 min
Exp R.T. : 4.916 min
Response: 0
Conc: N.D.



#20 AR-1242-5

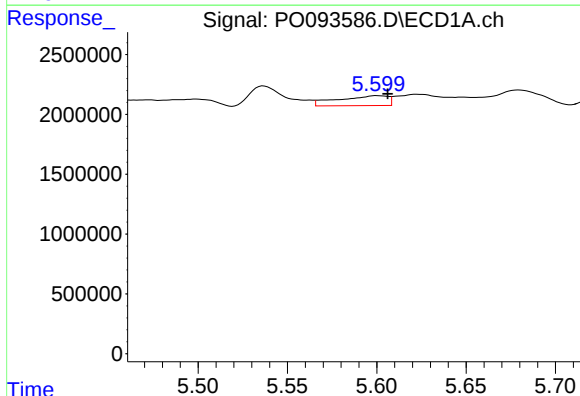
R.T.: 6.532 min
Delta R.T.: -0.002 min
Response: 920133
Conc: 14.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



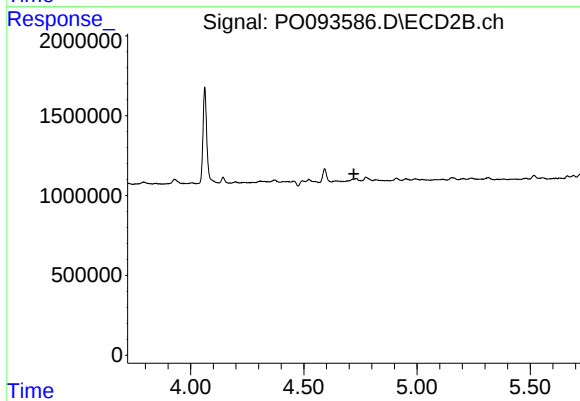
#20 AR-1242-5

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



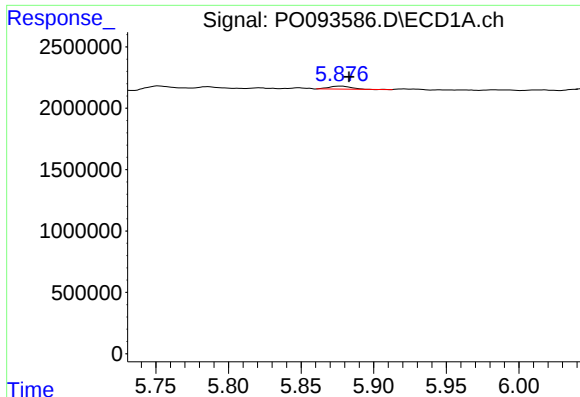
#21 AR-1248-1

R.T.: 5.601 min
Delta R.T.: -0.005 min
Response: 1607825
Conc: 25.86 ng/ml



#21 AR-1248-1

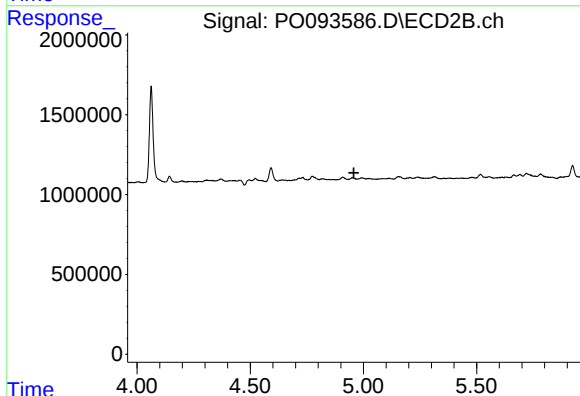
R.T.: 0.000 min
Exp R.T. : 4.721 min
Response: 0
Conc: N.D.



#22 AR-1248-2

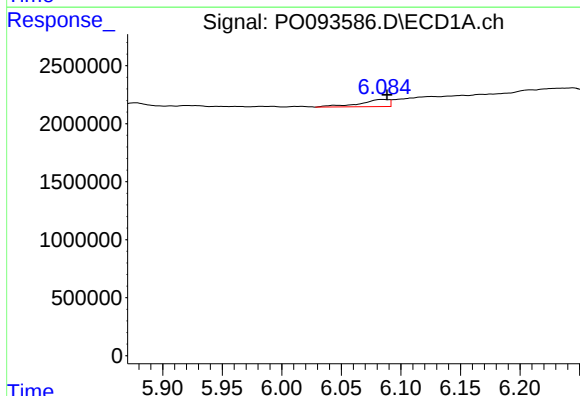
R.T.: 5.877 min
Delta R.T.: -0.006 min
Response: 258163
Conc: 2.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



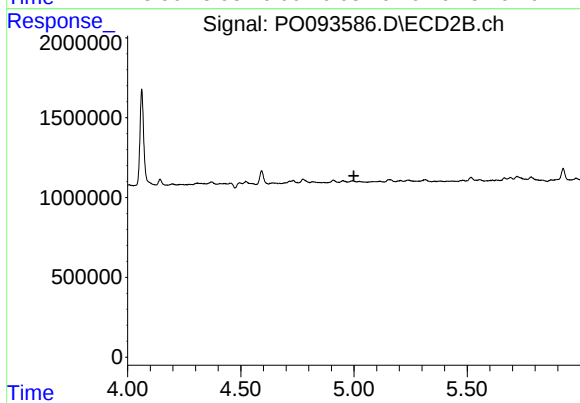
#22 AR-1248-2

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



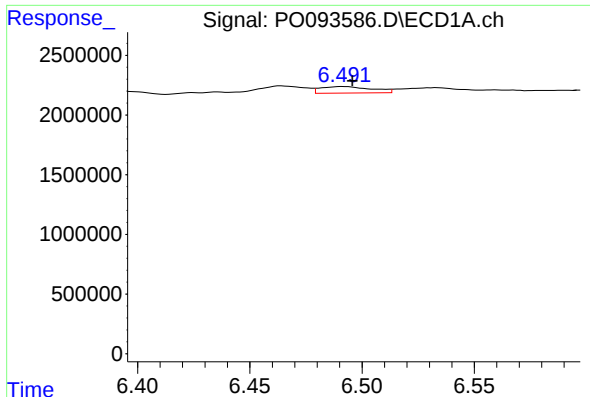
#23 AR-1248-3

R.T.: 6.085 min
Delta R.T.: -0.003 min
Response: 1047113
Conc: 10.06 ng/ml



#23 AR-1248-3

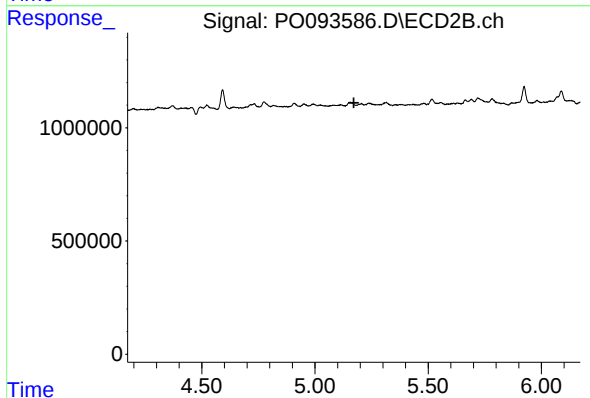
R.T.: 0.000 min
Exp R.T. : 5.000 min
Response: 0
Conc: N.D.



#24 AR-1248-4

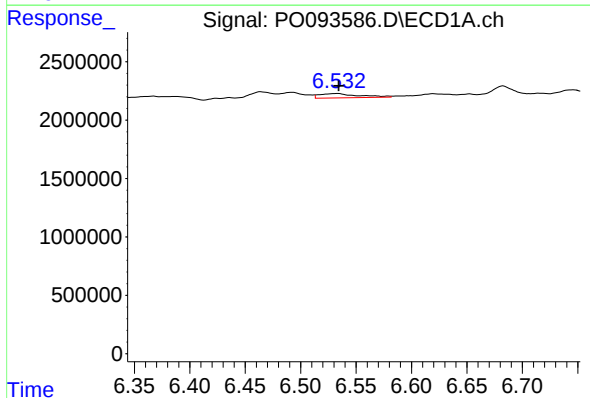
R.T.: 6.492 min
Delta R.T.: -0.004 min
Response: 855706
Conc: 8.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



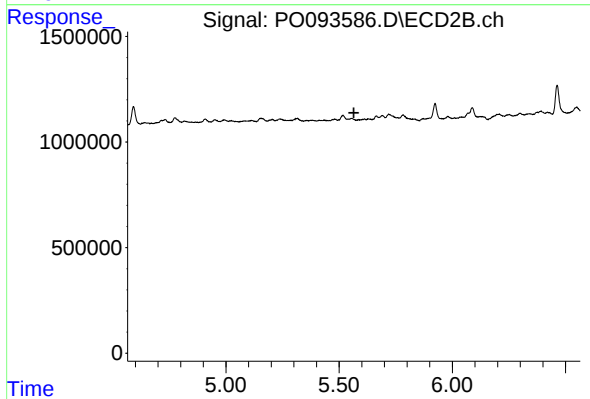
#24 AR-1248-4

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



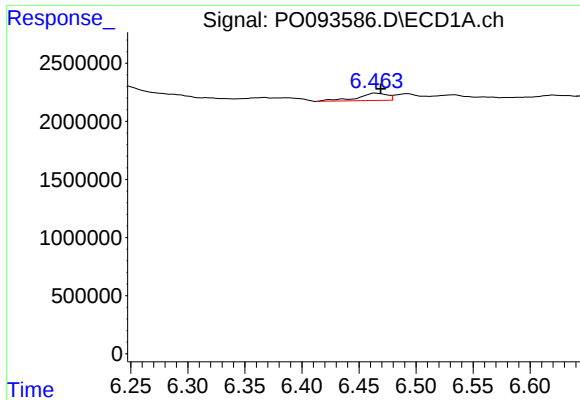
#25 AR-1248-5

R.T.: 6.532 min
Delta R.T.: -0.002 min
Response: 920133
Conc: 8.99 ng/ml



#25 AR-1248-5

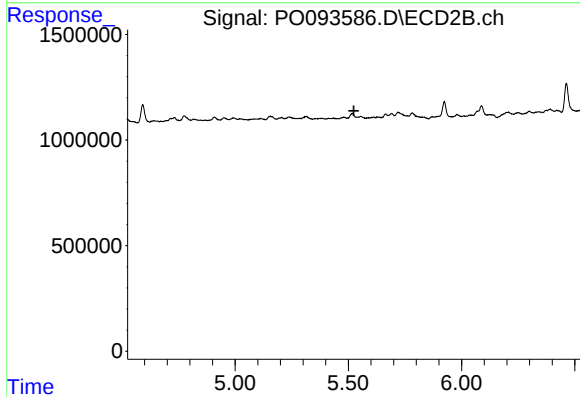
R.T.: 0.000 min
Exp R.T. : 5.565 min
Response: 0
Conc: N.D.



#26 AR-1254-1

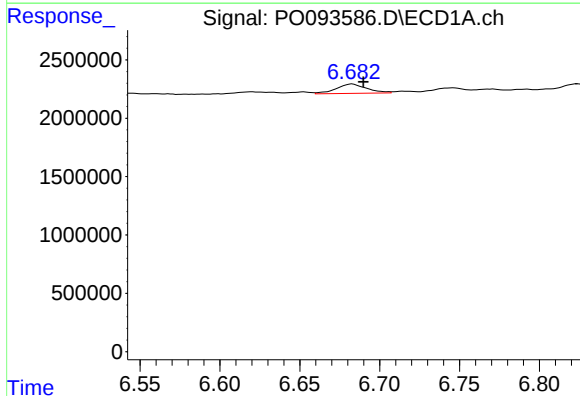
R.T.: 6.465 min
Delta R.T.: -0.004 min
Response: 1159831
Conc: 9.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



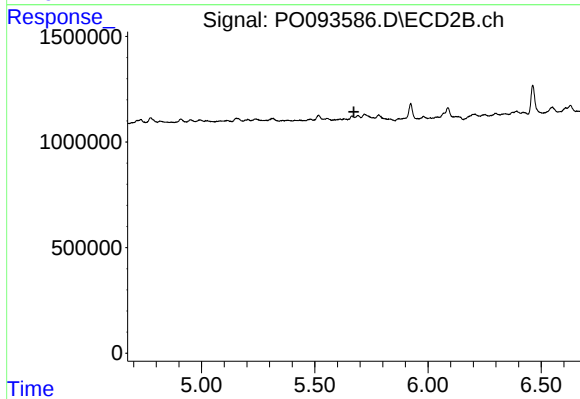
#26 AR-1254-1

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



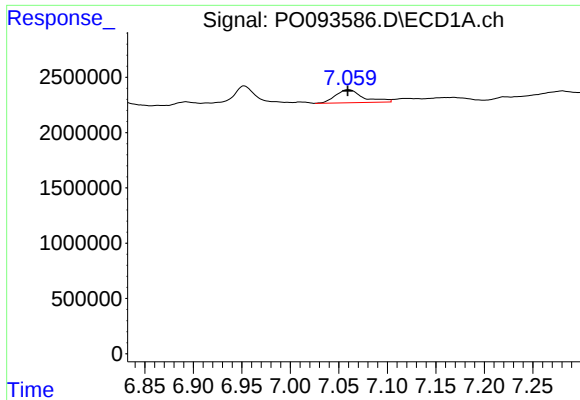
#27 AR-1254-2

R.T.: 6.683 min
Delta R.T.: -0.007 min
Response: 1070796
Conc: 6.27 ng/ml



#27 AR-1254-2

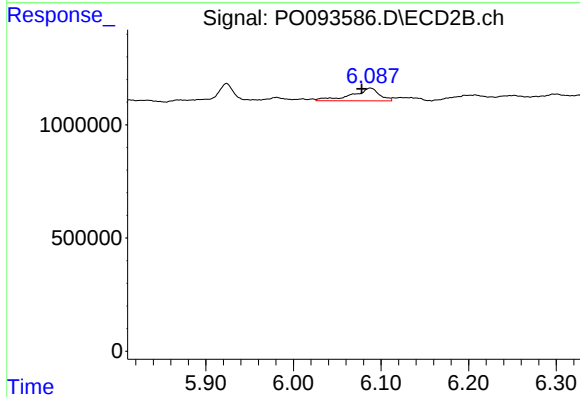
R.T.: 0.000 min
Exp R.T. : 5.673 min
Response: 0
Conc: N.D.



#28 AR-1254-3

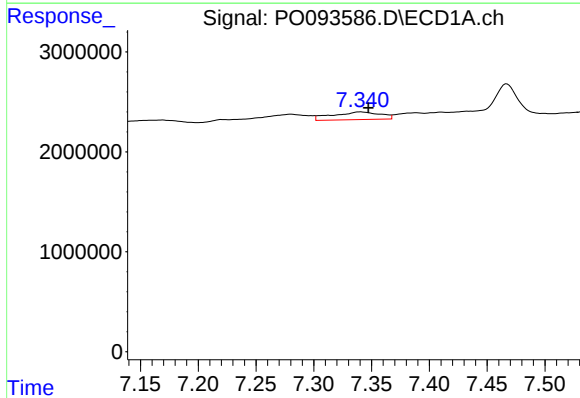
R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 2327826
Conc: 14.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



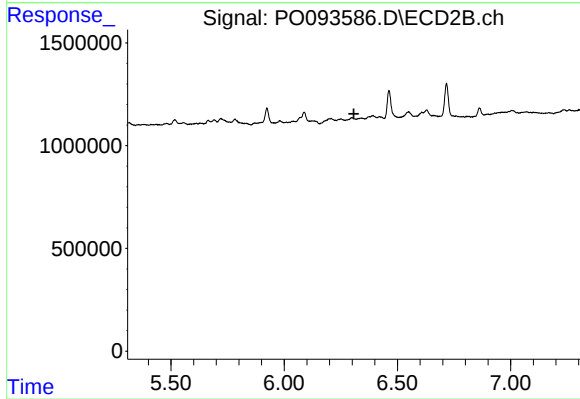
#28 AR-1254-3

R.T.: 6.088 min
Delta R.T.: 0.010 min
Response: 1231470
Conc: 14.30 ng/ml



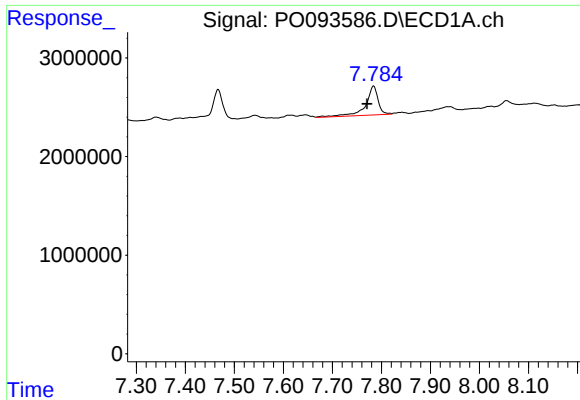
#29 AR-1254-4

R.T.: 7.341 min
Delta R.T.: -0.007 min
Response: 2207912
Conc: 20.71 ng/ml



#29 AR-1254-4

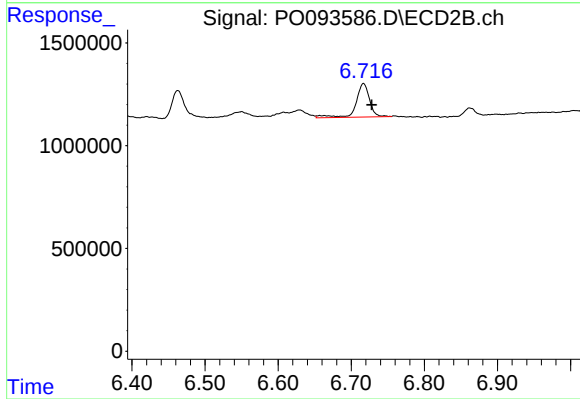
R.T.: 0.000 min
Exp R.T.: 6.308 min
Response: 0
Conc: N.D.



#30 AR-1254-5

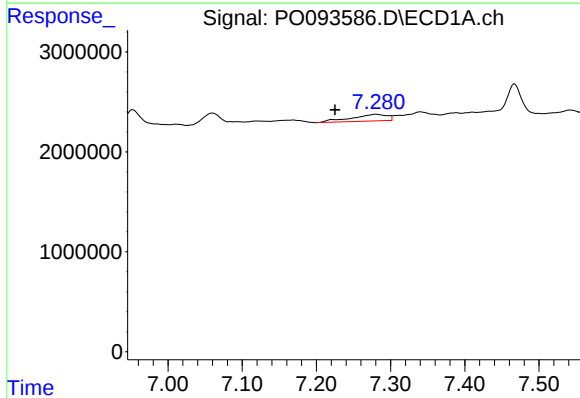
R.T.: 7.784 min
Delta R.T.: 0.013 min
Response: 5219806
Conc: 38.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



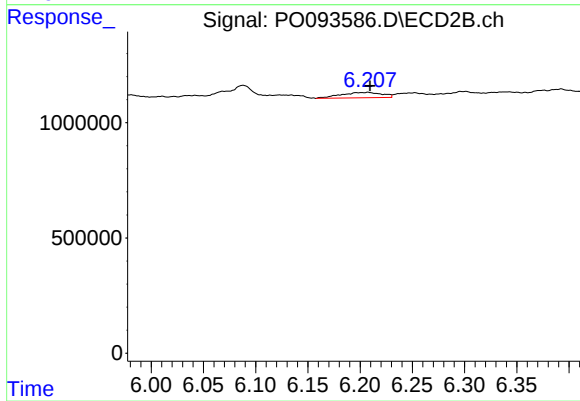
#30 AR-1254-5

R.T.: 6.717 min
Delta R.T.: -0.011 min
Response: 2069658
Conc: 28.02 ng/ml



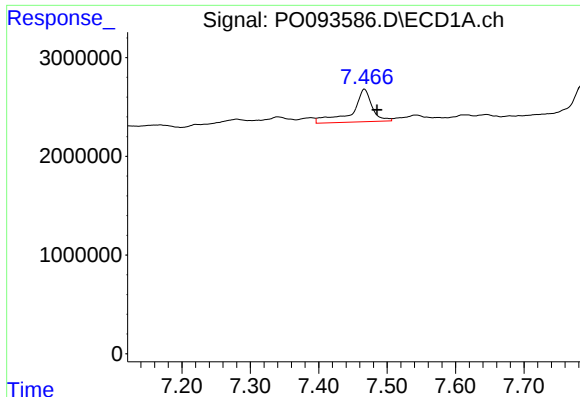
#31 AR-1260-1

R.T.: 7.280 min
Delta R.T.: 0.055 min
Response: 2250757
Conc: 17.37 ng/ml



#31 AR-1260-1

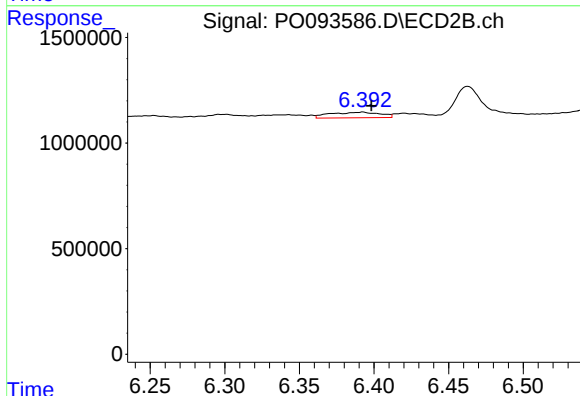
R.T.: 6.208 min
Delta R.T.: -0.002 min
Response: 626928
Conc: 10.31 ng/ml



#32 AR-1260-2

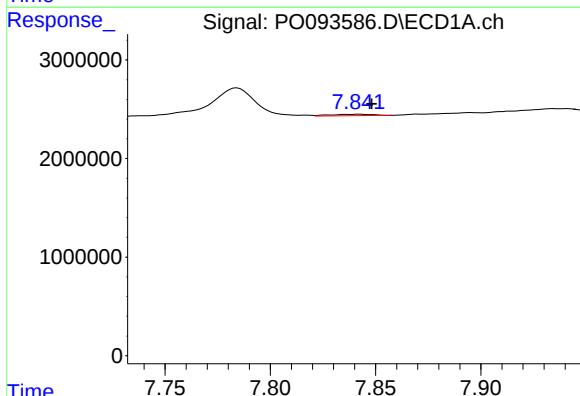
R.T.: 7.467 min
Delta R.T.: -0.018 min
Response: 6657421
Conc: 45.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



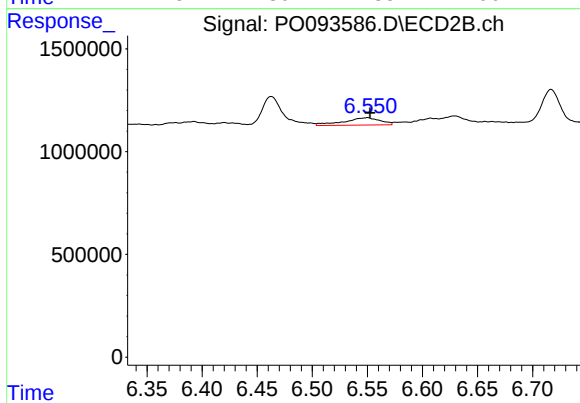
#32 AR-1260-2

R.T.: 6.392 min
Delta R.T.: -0.006 min
Response: 616860
Conc: 8.53 ng/ml



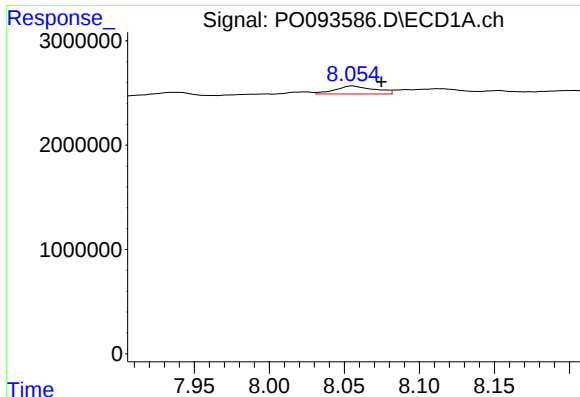
#33 AR-1260-3

R.T.: 7.841 min
Delta R.T.: -0.007 min
Response: 203923
Conc: 1.81 ng/ml



#33 AR-1260-3

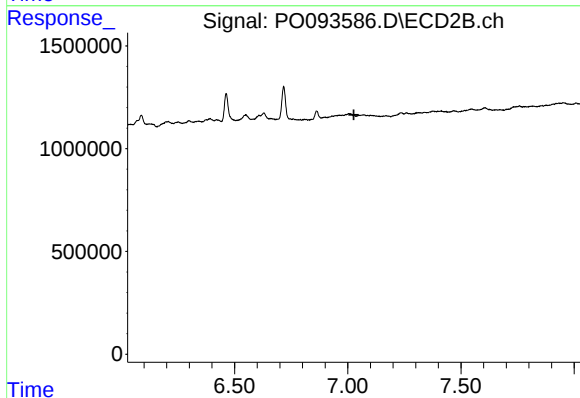
R.T.: 6.550 min
Delta R.T.: -0.002 min
Response: 816276
Conc: 12.21 ng/ml



#34 AR-1260-4

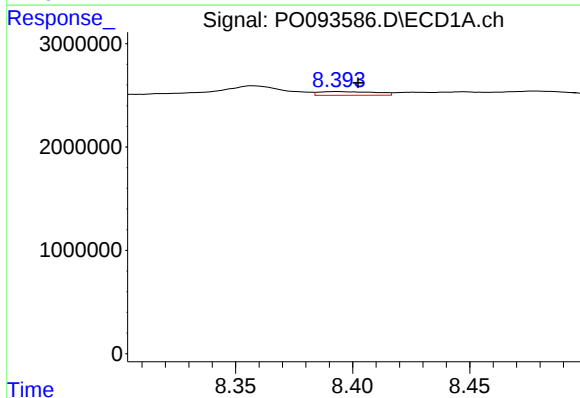
R.T.: 8.055 min
Delta R.T.: -0.019 min
Response: 1387732
Conc: 10.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



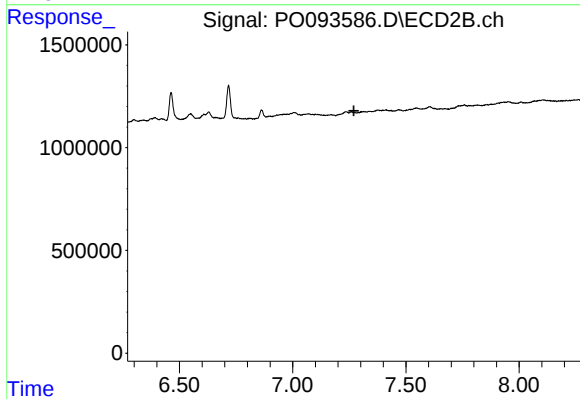
#34 AR-1260-4

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



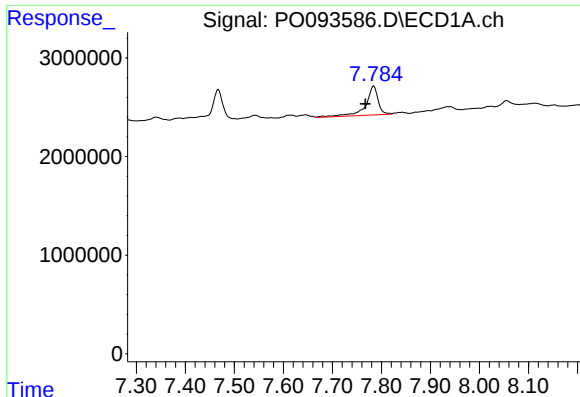
#35 AR-1260-5

R.T.: 8.394 min
Delta R.T.: -0.009 min
Response: 599235
Conc: 2.68 ng/ml



#35 AR-1260-5

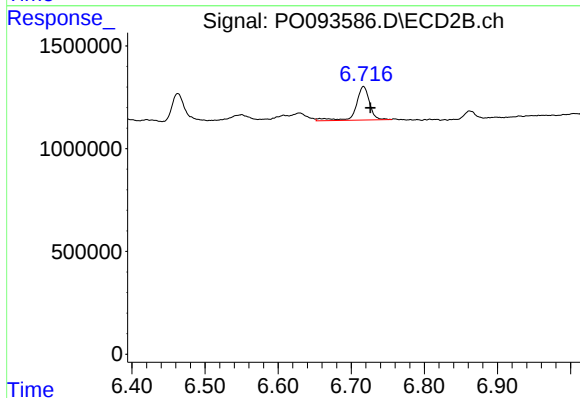
R.T.: 0.000 min
Exp R.T. : 7.270 min
Response: 0
Conc: N.D.



#36 AR-1262-1

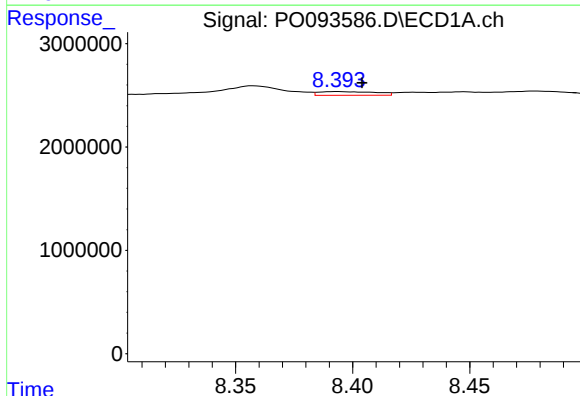
R.T.: 7.784 min
Delta R.T.: 0.016 min
Response: 5219806
Conc: 52.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



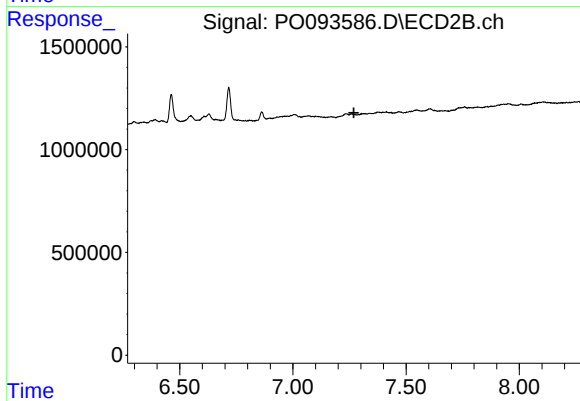
#36 AR-1262-1

R.T.: 6.717 min
Delta R.T.: -0.010 min
Response: 2069658
Conc: 55.39 ng/ml



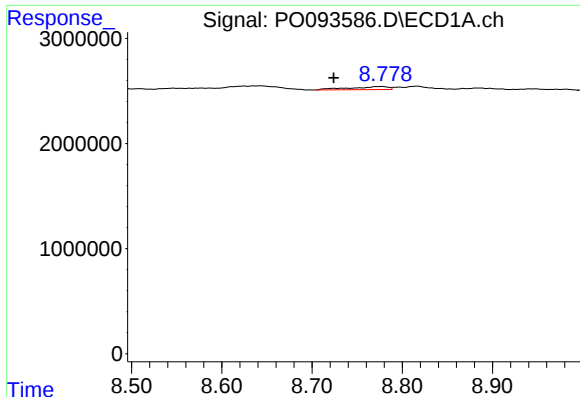
#37 AR-1262-2

R.T.: 8.394 min
Delta R.T.: -0.010 min
Response: 599235
Conc: 2.52 ng/ml



#37 AR-1262-2

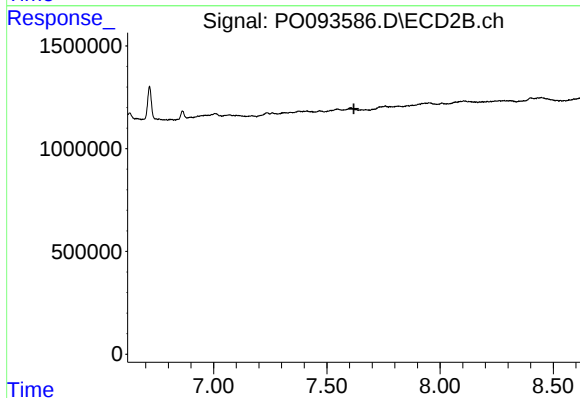
R.T.: 0.000 min
Exp R.T.: 7.270 min
Response: 0
Conc: N.D.



#38 AR-1262-3

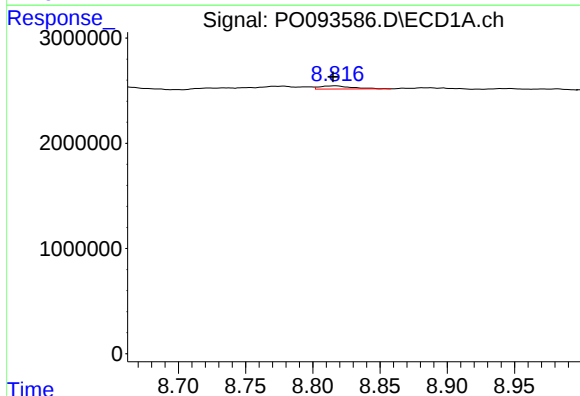
R.T.: 8.777 min
Delta R.T.: 0.053 min
Response: 875291
Conc: 5.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



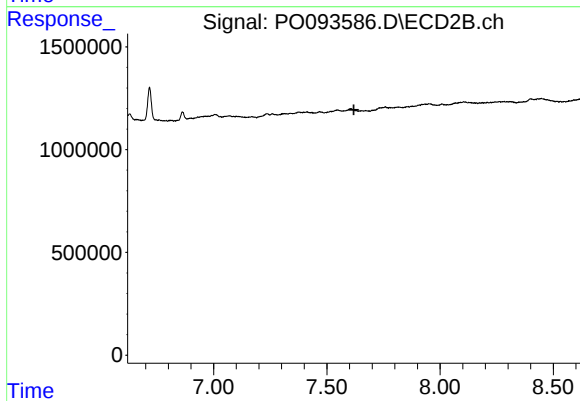
#38 AR-1262-3

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



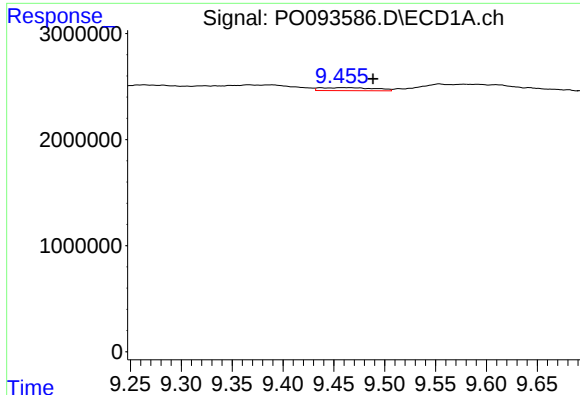
#39 AR-1262-4

R.T.: 8.816 min
Delta R.T.: 0.001 min
Response: 504878
Conc: 5.64 ng/ml



#39 AR-1262-4

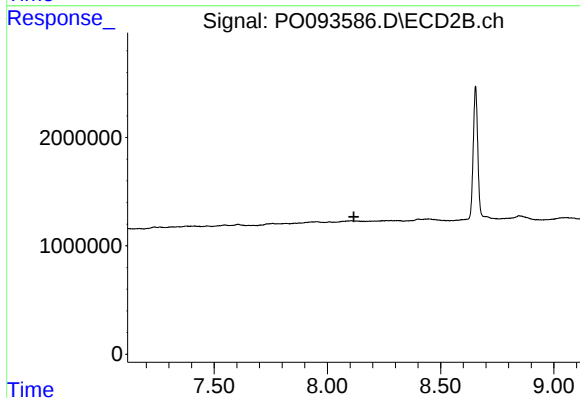
R.T.: 0.000 min
Exp R.T. : 7.620 min
Response: 0
Conc: N.D.



#40 AR-1262-5

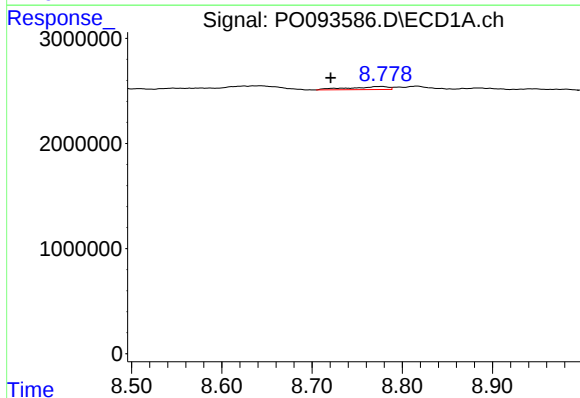
R.T.: 9.458 min
Delta R.T.: -0.030 min
Response: 1066333
Conc: 11.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



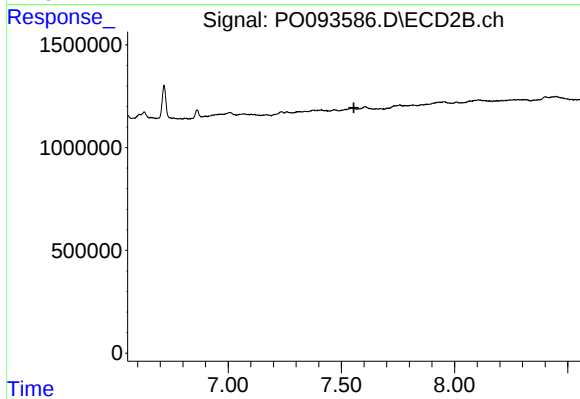
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 8.117 min
Response: 0
Conc: N.D.



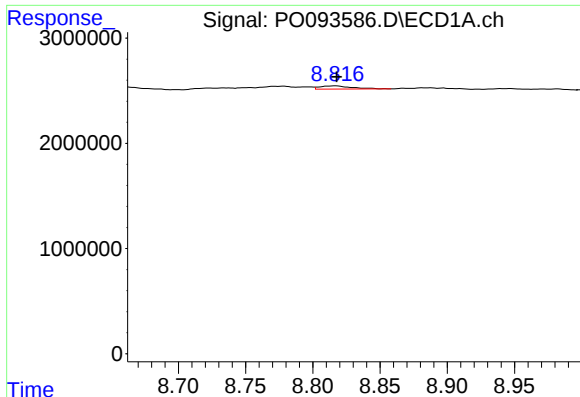
#41 AR-1268-1

R.T.: 8.777 min
Delta R.T.: 0.056 min
Response: 875291
Conc: 2.74 ng/ml



#41 AR-1268-1

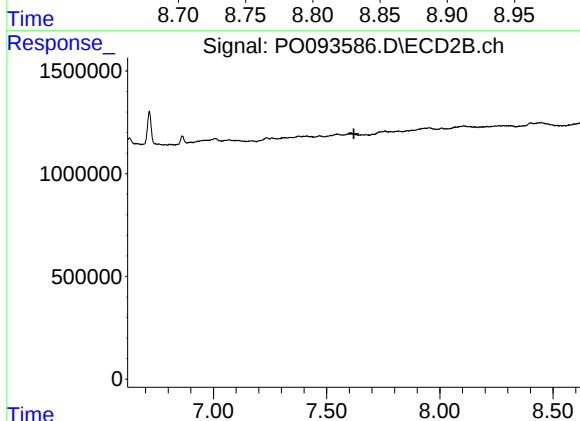
R.T.: 0.000 min
Exp R.T. : 7.555 min
Response: 0
Conc: N.D.



#42 AR-1268-2

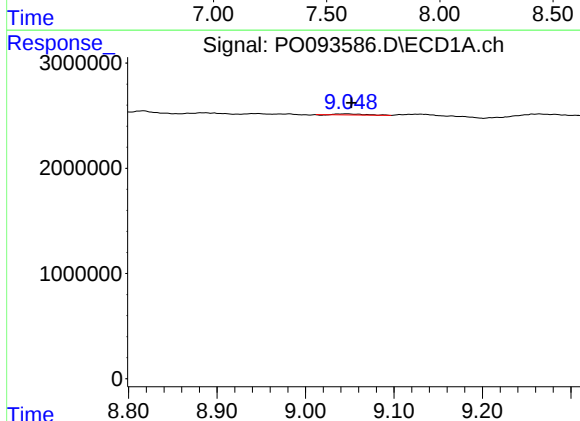
R.T.: 8.816 min
Delta R.T.: -0.001 min
Response: 504878
Conc: 1.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



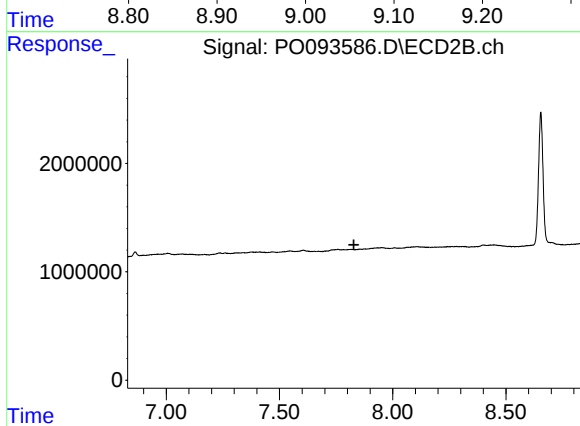
#42 AR-1268-2

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



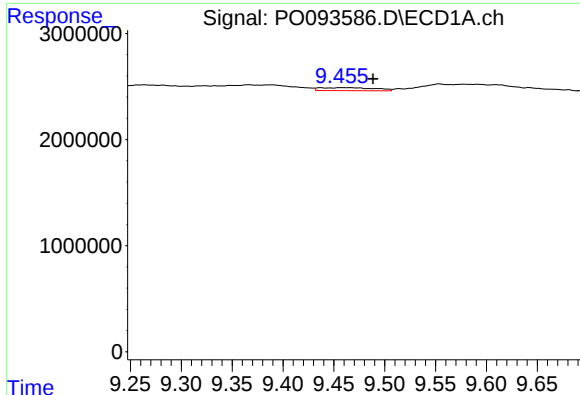
#43 AR-1268-3

R.T.: 9.047 min
Delta R.T.: -0.005 min
Response: 208229
Conc: 0.82 ng/ml



#43 AR-1268-3

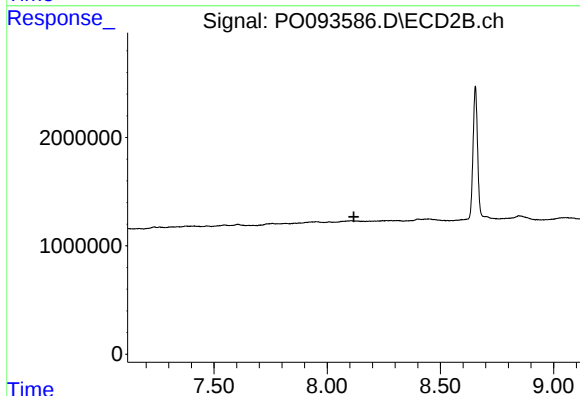
R.T.: 0.000 min
Exp R.T. : 7.828 min
Response: 0
Conc: N.D.



#44 AR-1268-4

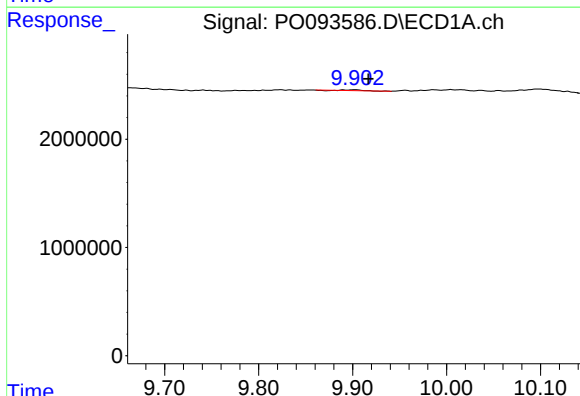
R.T.: 9.458 min
Delta R.T.: -0.031 min
Response: 1066333
Conc: 9.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



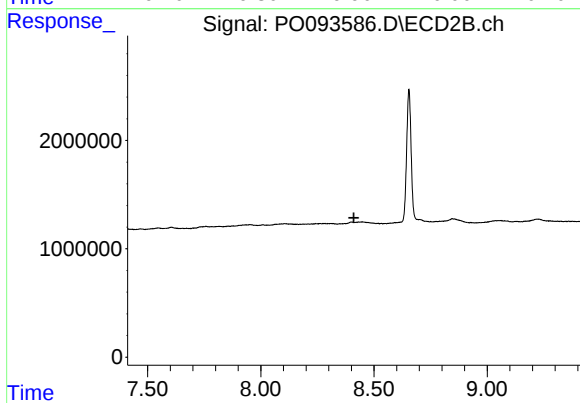
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.118 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.902 min
Delta R.T.: -0.014 min
Response: 75820
Conc: 0.09 ng/ml



#45 AR-1268-5

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