

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL053119\
 Data File : PL049142.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 May 2019 14:47
 Operator : SM\AJ
 Sample : K3104-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RBR-251-688

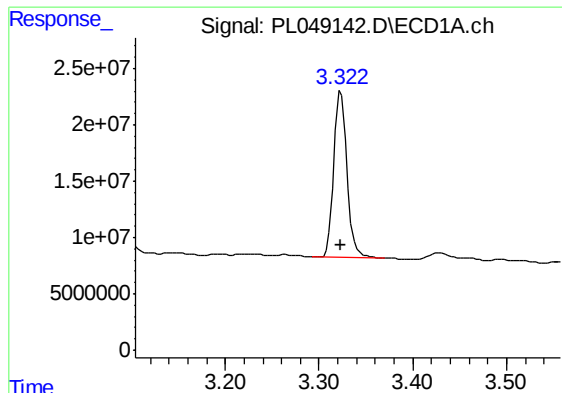
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 31 23:12:05 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL053019.M
 Quant Title : GC Extractables
 QLast Update : Fri May 31 01:35:35 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.324	3.937	144.9E6	42917314	13.152	14.855
28)	SA Decachlor...	7.992	8.973	124.5E6	39132262	9.794	11.717
Target Compounds							
3)	MA gamma-BHC...	0.000	4.607	0	2127639	N.D.	0.568 #
4)	MA Heptachlor	4.326	0.000	161.5E6	0	9.118	N.D. #
5)	MB Aldrin	4.565	5.441f	82218080	23172667	4.815	6.298 #
6)	B beta-BHC	4.280	4.755f	17971175	4912020	2.586	2.852
7)	B delta-BHC	4.480	5.021f	53936659	64751821	3.338	21.111 #
8)	B Heptachlo...	4.983	5.794	2738726	49350583	0.185	15.098 #
9)	A Endosulfan I	5.346f	6.138f	14394553	3820974	0.984	1.186
11)	B alpha-Chl...	5.277	0.000	148.8E6	0	9.527	N.D. #
12)	B 4,4'-DDE	5.433	6.265	5149593	19764779	0.329	6.021 #
13)	MA Dieldrin	5.557	0.000	89408551	0	5.847	N.D. #
14)	MA Endrin	0.000	6.626	0	33444990	N.D.	11.207 #
15)	B Endosulfa...	6.071	0.000	121.1E6	0	9.169	N.D. #
16)	A 4,4'-DDD	0.000	6.759	0	3459298	N.D.	1.315 #
17)	MA 4,4'-DDT	6.175	7.024f	22638820	2500691	1.839	0.892 #
18)	B Endrin al...	6.227f	6.966	15166782	1306692	1.386	0.507 #
19)	B Endosulfa...	6.484f	0.000	66836934	0	5.148	N.D. #
20)	A Methoxychlor	6.704f	0.000	14279807	0	2.226	N.D. #
22)	Mirex	7.139f	0.000	8175166	0	0.776	N.D. #
23)	Chlordane-1	0.000	4.915	0	2987471	N.D.	22.573 #
26)	Chlordane-4	5.277	0.000	148.8E6	0	90.687	N.D. #
27)	Chlordane-5	6.104f	0.000	36026178	0	69.182	N.D. #

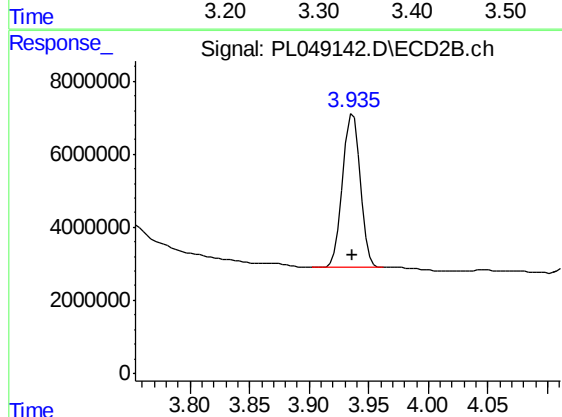
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

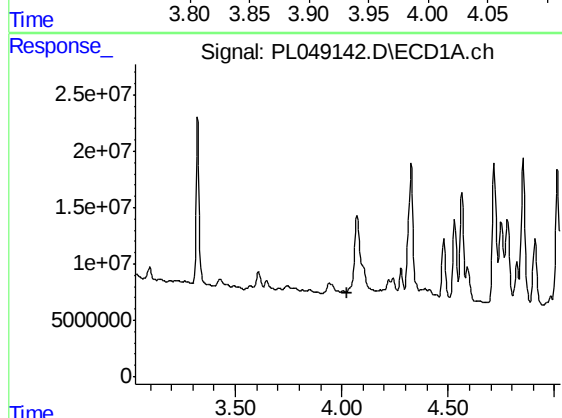
R.T.: 3.324 min
Delta R.T.: 0.000 min
Response: 144919321
Conc: 13.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-251-688



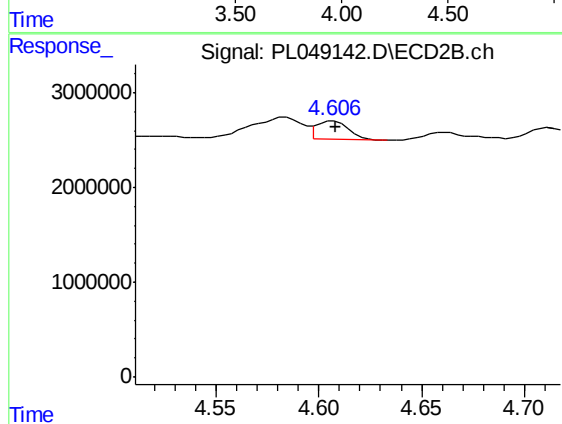
#1 Tetrachloro-m-xylene

R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 42917314
Conc: 14.86 ng/ml



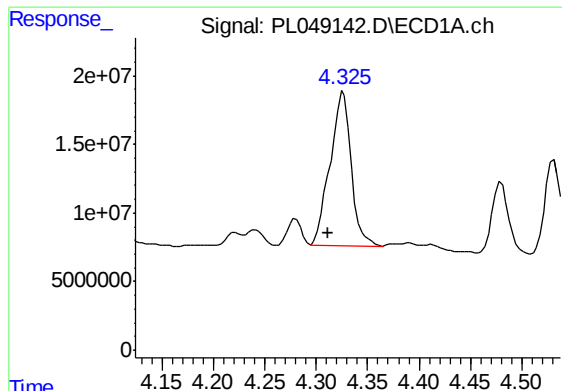
#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T. : 4.028 min
Response: 0
Conc: N.D.



#3 gamma-BHC (Lindane)

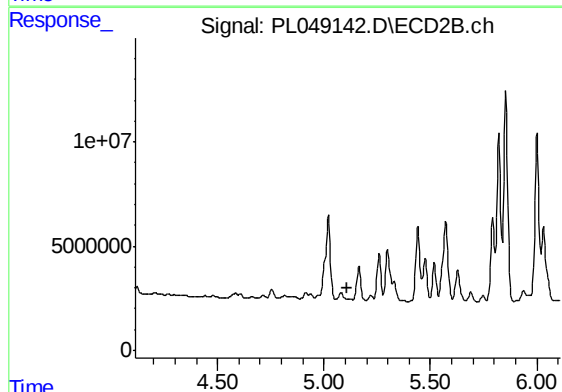
R.T.: 4.607 min
Delta R.T.: 0.000 min
Response: 2127639
Conc: 0.57 ng/ml



#4 Heptachlor

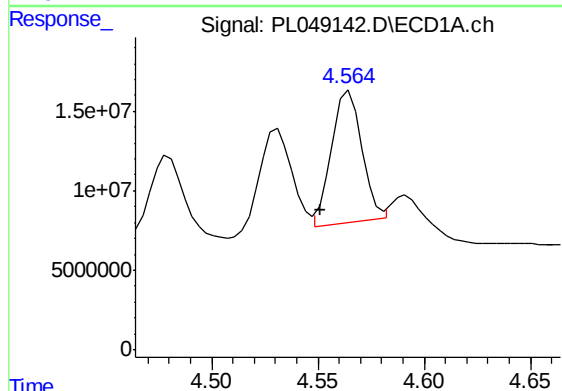
R.T.: 4.326 min
Delta R.T.: 0.014 min
Response: 161470819
Conc: 9.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-251-688



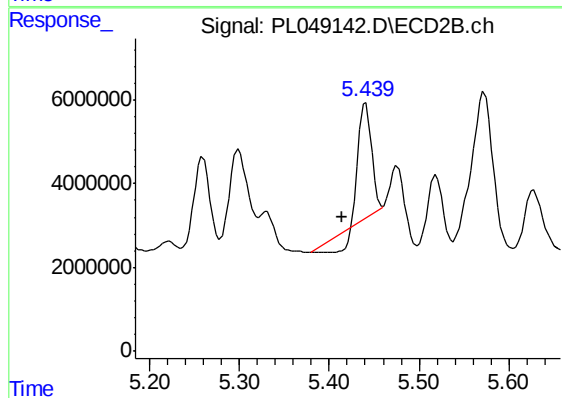
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 5.111 min
Response: 0
Conc: N.D.



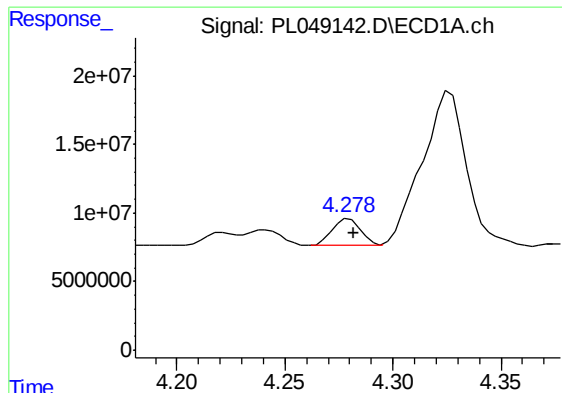
#5 Aldrin

R.T.: 4.565 min
Delta R.T.: 0.014 min
Response: 82218080
Conc: 4.82 ng/ml



#5 Aldrin

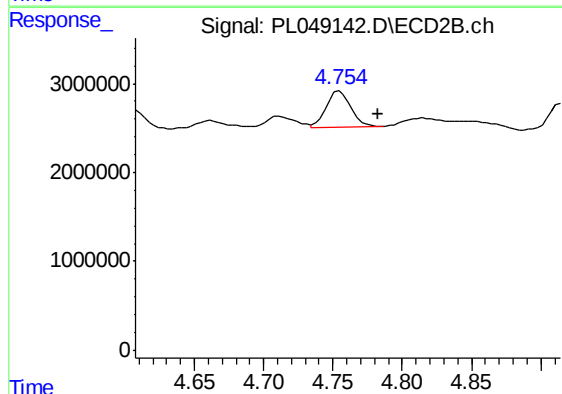
R.T.: 5.441 min
Delta R.T.: 0.027 min
Response: 23172667
Conc: 6.30 ng/ml



#6 beta-BHC

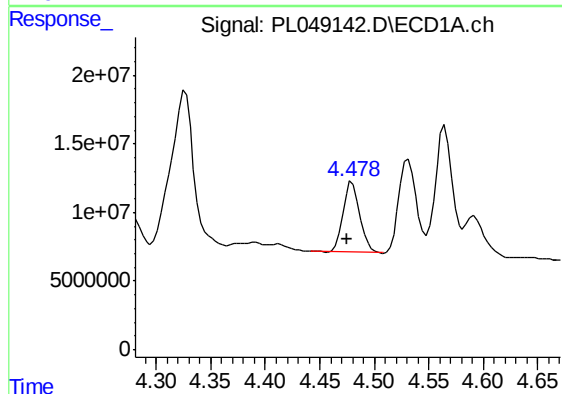
R.T.: 4.280 min
Delta R.T.: -0.002 min
Response: 17971175
Conc: 2.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-251-688



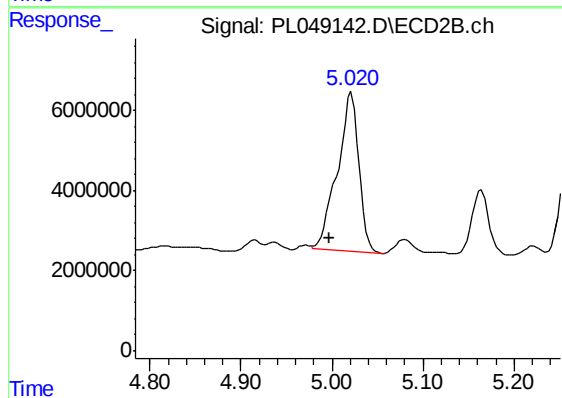
#6 beta-BHC

R.T.: 4.755 min
Delta R.T.: -0.028 min
Response: 4912020
Conc: 2.85 ng/ml



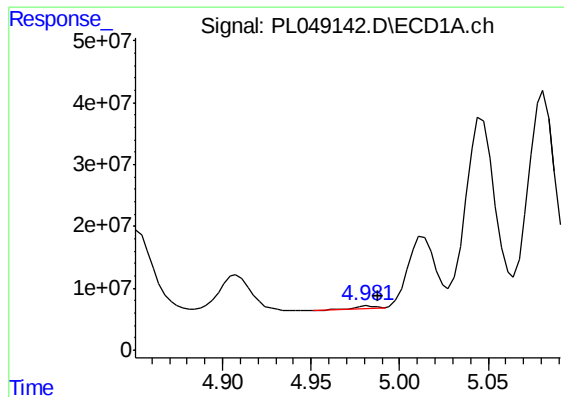
#7 delta-BHC

R.T.: 4.480 min
Delta R.T.: 0.005 min
Response: 53936659
Conc: 3.34 ng/ml



#7 delta-BHC

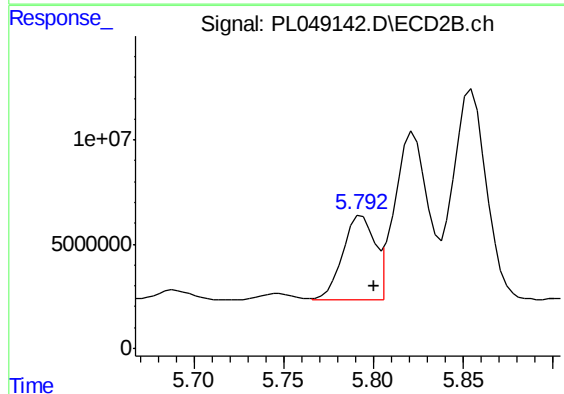
R.T.: 5.021 min
Delta R.T.: 0.025 min
Response: 64751821
Conc: 21.11 ng/ml



#8 Heptachlor epoxide

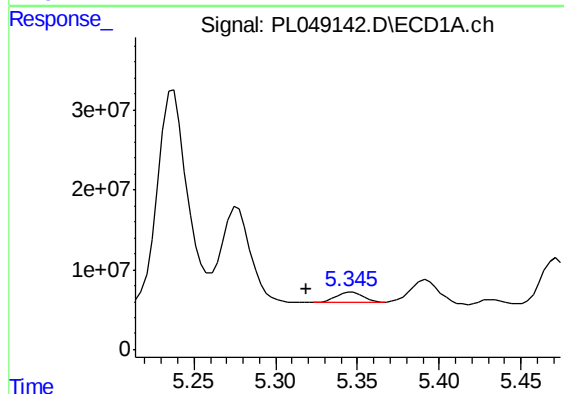
R.T.: 4.983 min
Delta R.T.: -0.005 min
Response: 2738726
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-251-688



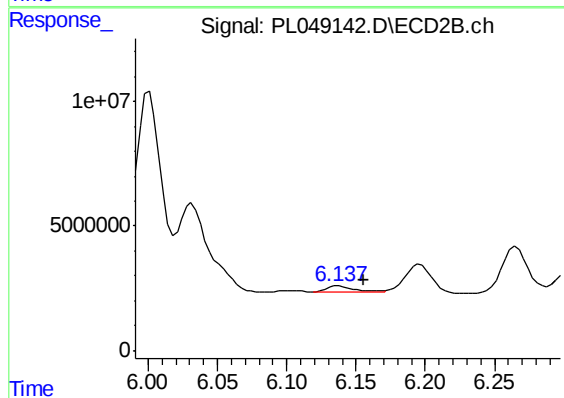
#8 Heptachlor epoxide

R.T.: 5.794 min
Delta R.T.: -0.007 min
Response: 49350583
Conc: 15.10 ng/ml



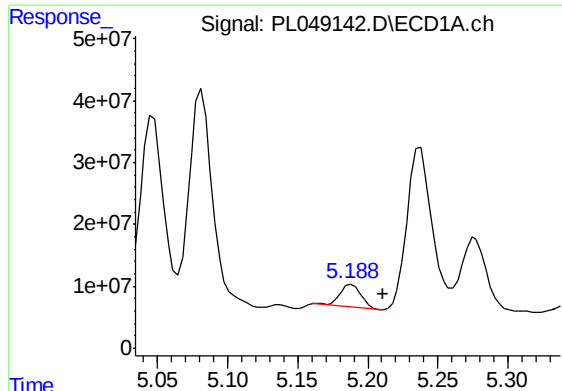
#9 Endosulfan I

R.T.: 5.346 min
Delta R.T.: 0.027 min
Response: 14394553
Conc: 0.98 ng/ml



#9 Endosulfan I

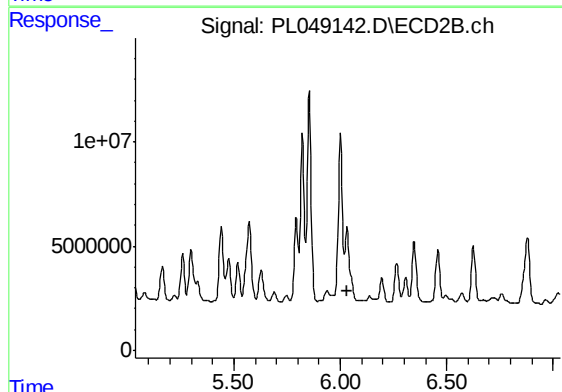
R.T.: 6.138 min
Delta R.T.: -0.018 min
Response: 3820974
Conc: 1.19 ng/ml



#10 gamma-Chlordane

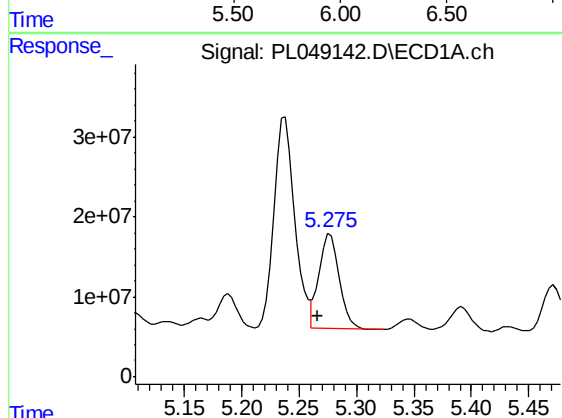
R.T.: 5.188 min
Delta R.T.: -0.022 min
Response: 40149561
Conc: 2.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-251-688



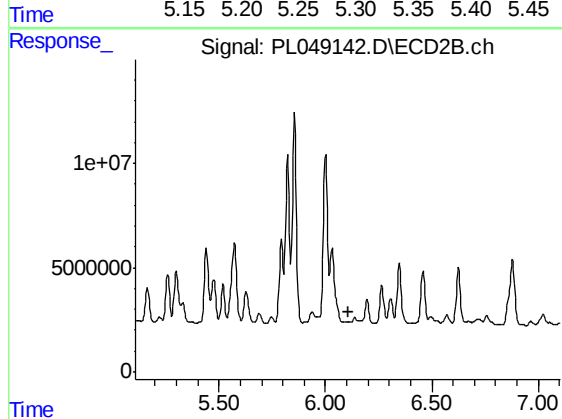
#10 gamma-Chlordane

R.T.: 6.032 min
Delta R.T.: -0.003 min
Response: -71666580
Conc: N.D.



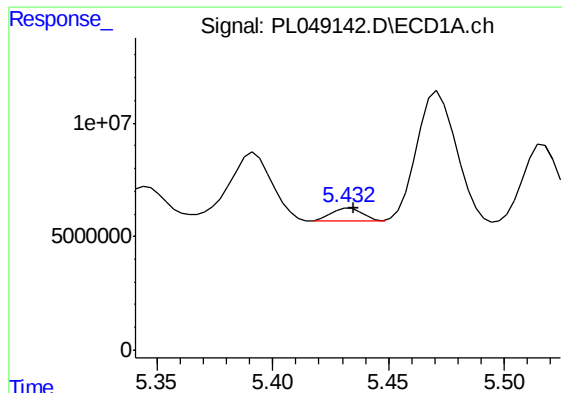
#11 alpha-Chlordane

R.T.: 5.277 min
Delta R.T.: 0.010 min
Response: 148828260
Conc: 9.53 ng/ml



#11 alpha-Chlordane

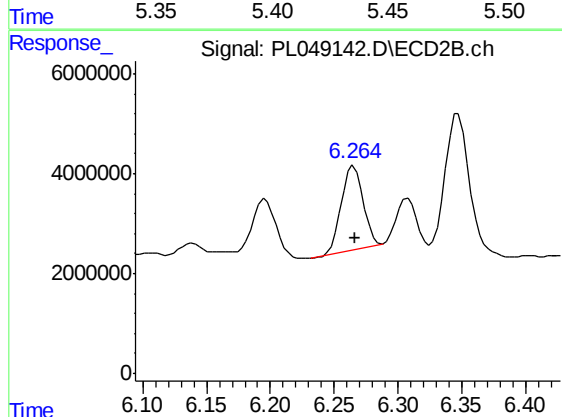
R.T.: 0.000 min
Exp R.T. : 6.107 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

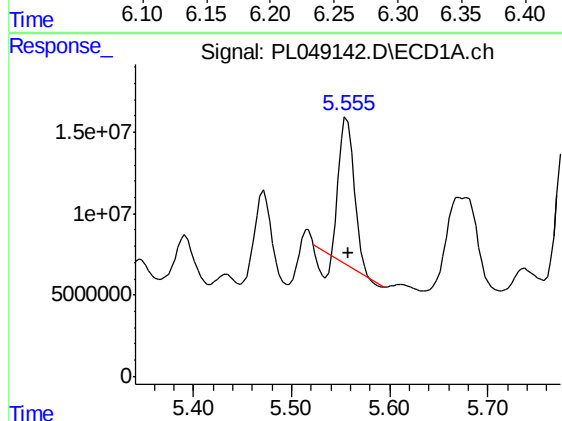
R.T.: 5.433 min
Delta R.T.: -0.001 min
Response: 5149593
Conc: 0.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-251-688



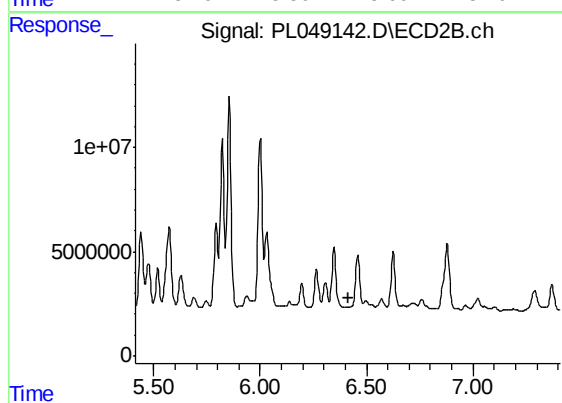
#12 4,4'-DDE

R.T.: 6.265 min
Delta R.T.: -0.001 min
Response: 19764779
Conc: 6.02 ng/ml



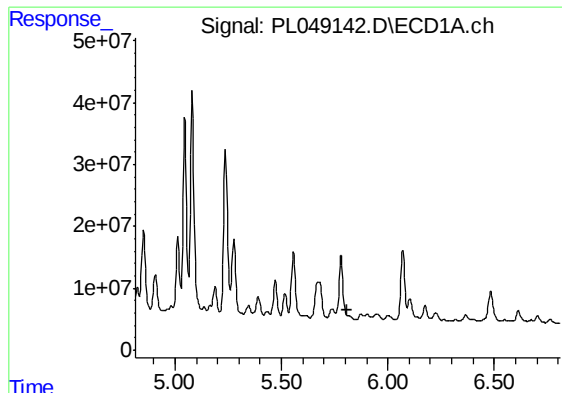
#13 Dieldrin

R.T.: 5.557 min
Delta R.T.: -0.001 min
Response: 89408551
Conc: 5.85 ng/ml



#13 Dieldrin

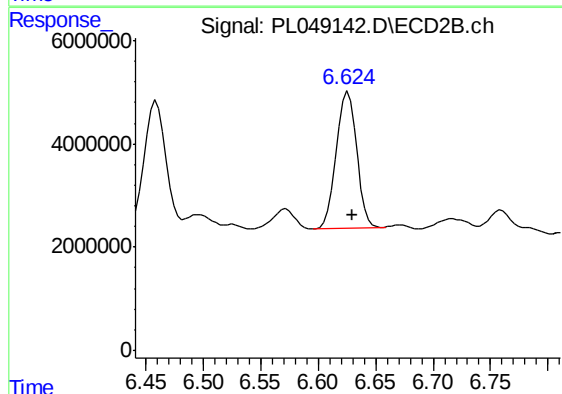
R.T.: 0.000 min
Exp R.T. : 6.413 min
Response: 0
Conc: N.D.



#14 Endrin

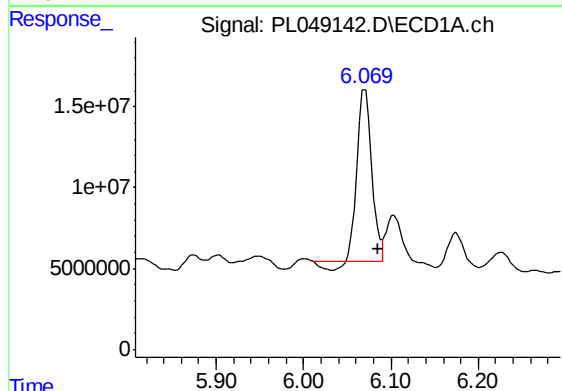
R.T.: 0.000 min
Exp R.T. : 5.811 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
RBR-251-688



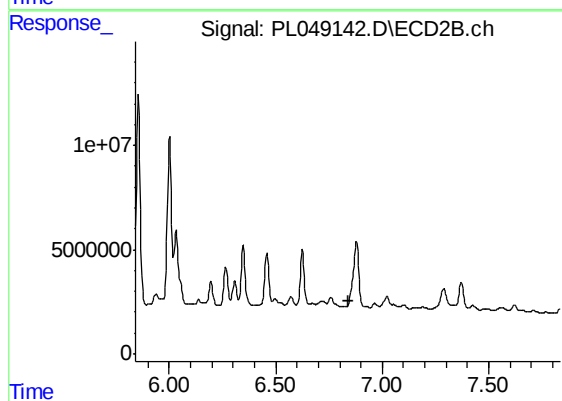
#14 Endrin

R.T.: 6.626 min
Delta R.T.: -0.004 min
Response: 33444990
Conc: 11.21 ng/ml



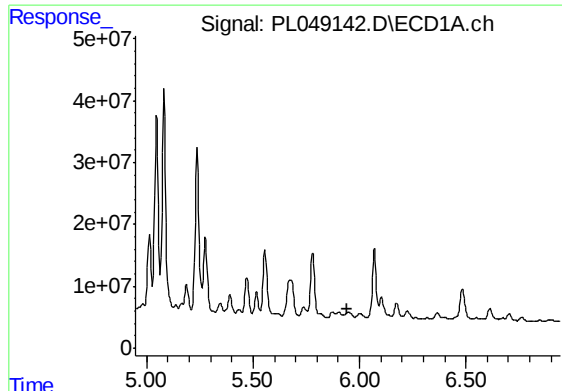
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: -0.015 min
Response: 121080330
Conc: 9.17 ng/ml



#15 Endosulfan II

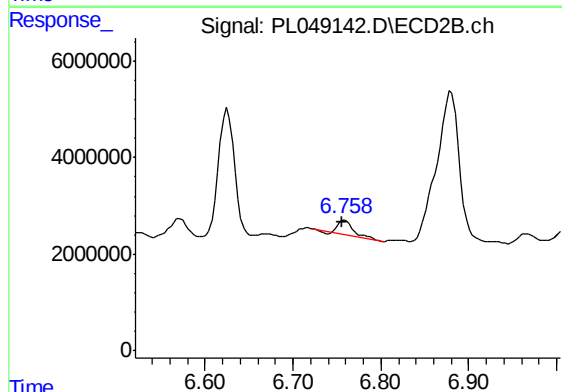
R.T.: 0.000 min
Exp R.T. : 6.841 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

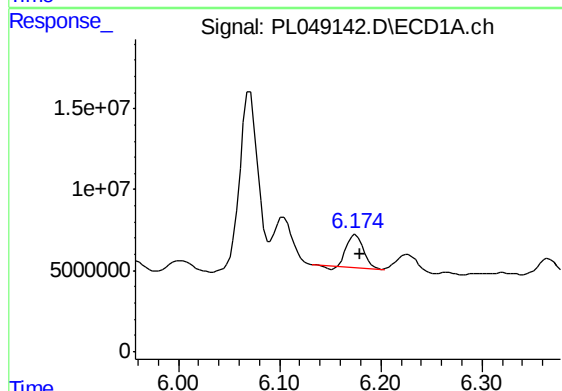
R.T.: 0.000 min
Exp R.T.: 5.945 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
RBR-251-688



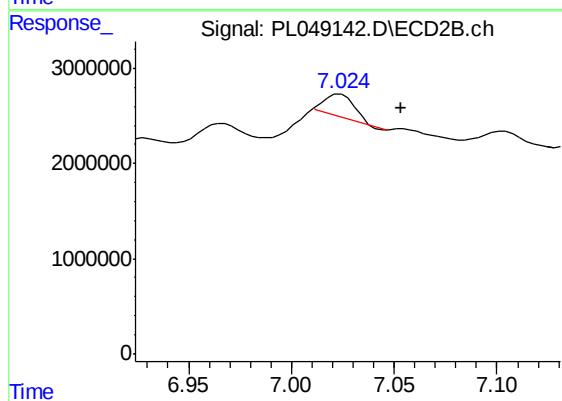
#16 4,4'-DDD

R.T.: 6.759 min
Delta R.T.: 0.003 min
Response: 3459298
Conc: 1.32 ng/ml



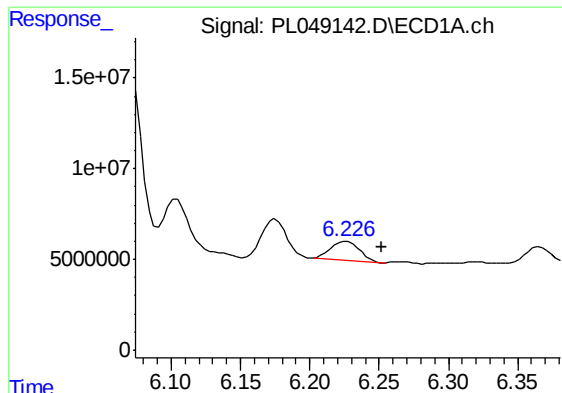
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: -0.005 min
Response: 22638820
Conc: 1.84 ng/ml



#17 4,4'-DDT

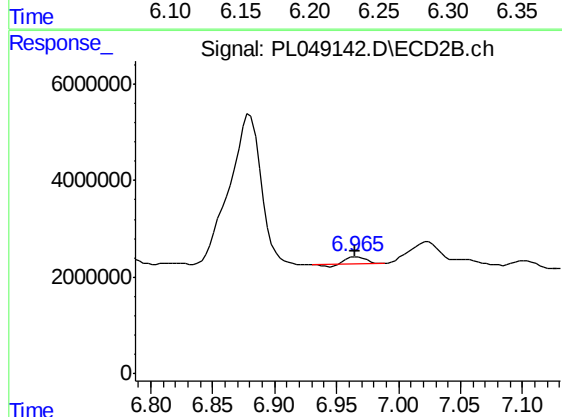
R.T.: 7.024 min
Delta R.T.: -0.030 min
Response: 2500691
Conc: 0.89 ng/ml



#18 Endrin aldehyde

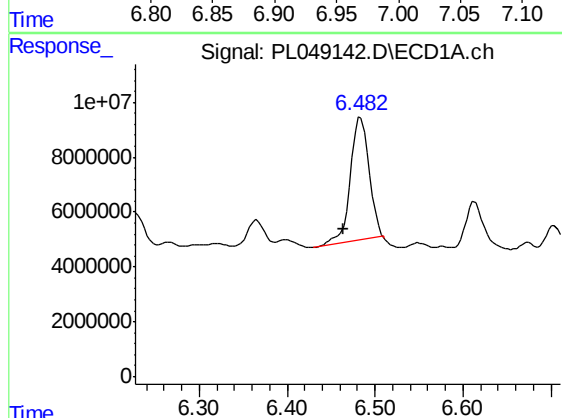
R.T.: 6.227 min
Delta R.T.: -0.025 min
Response: 15166782
Conc: 1.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-251-688



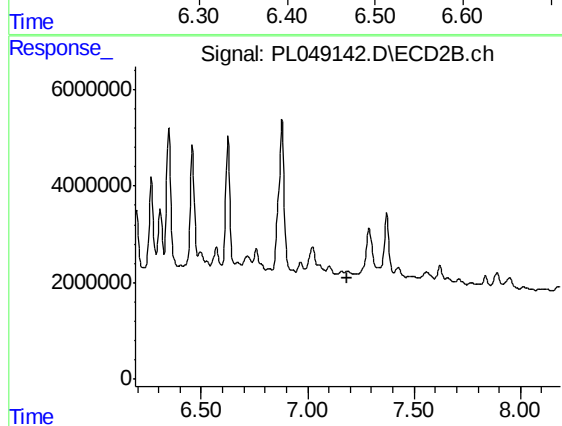
#18 Endrin aldehyde

R.T.: 6.966 min
Delta R.T.: 0.001 min
Response: 1306692
Conc: 0.51 ng/ml



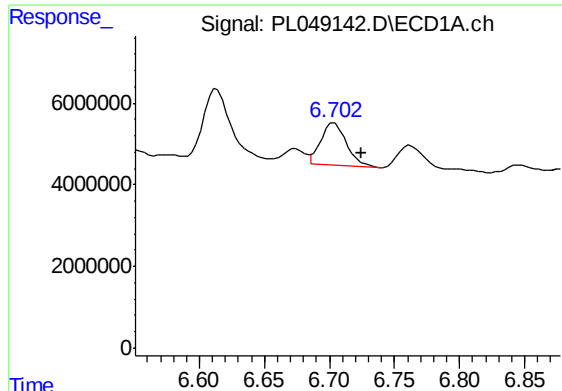
#19 Endosulfan Sulfate

R.T.: 6.484 min
Delta R.T.: 0.020 min
Response: 66836934
Conc: 5.15 ng/ml



#19 Endosulfan Sulfate

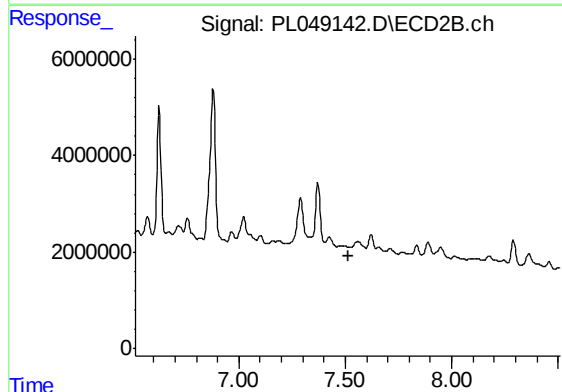
R.T.: 0.000 min
Exp R.T. : 7.188 min
Response: 0
Conc: N.D.



#20 Methoxychlor

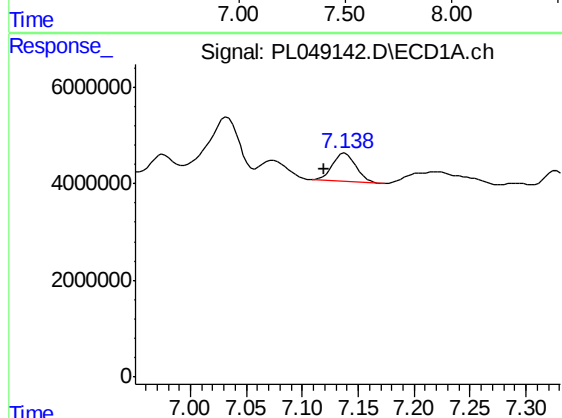
R.T.: 6.704 min
Delta R.T.: -0.021 min
Response: 14279807
Conc: 2.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-251-688



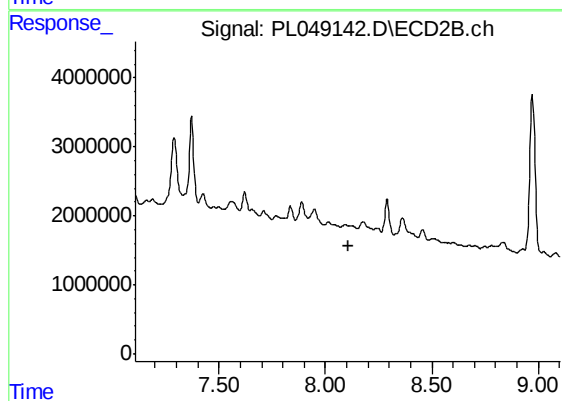
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.514 min
Response: 0
Conc: N.D.



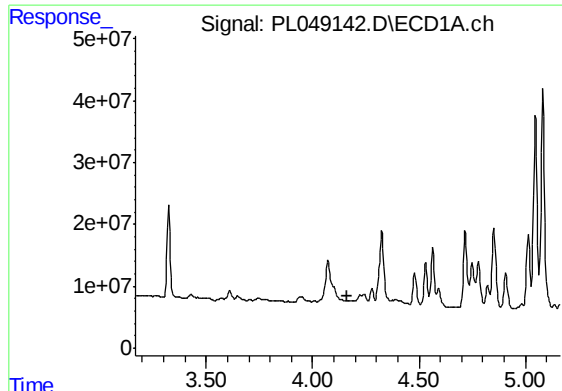
#22 Mirex

R.T.: 7.139 min
Delta R.T.: 0.019 min
Response: 8175166
Conc: 0.78 ng/ml



#22 Mirex

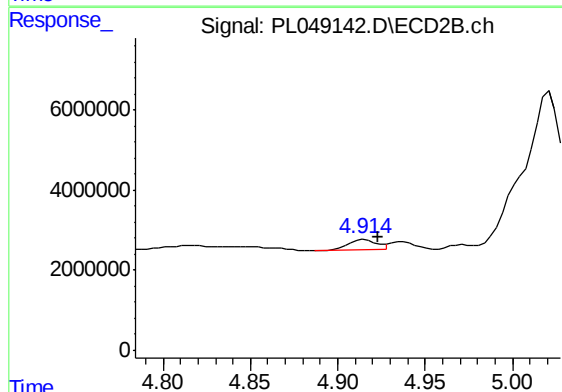
R.T.: 0.000 min
Exp R.T. : 8.107 min
Response: 0
Conc: N.D.



#23 Chlordane-1

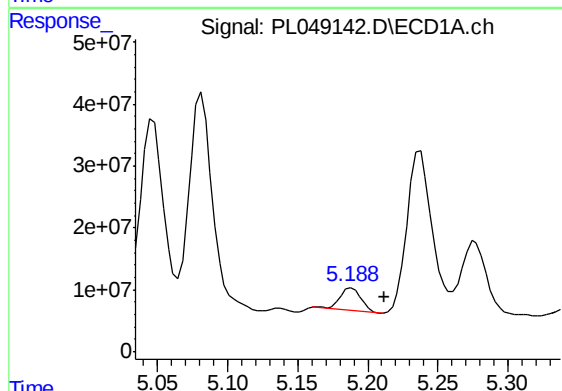
R.T.: 0.000 min
Exp R.T.: 4.165 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
RBR-251-688



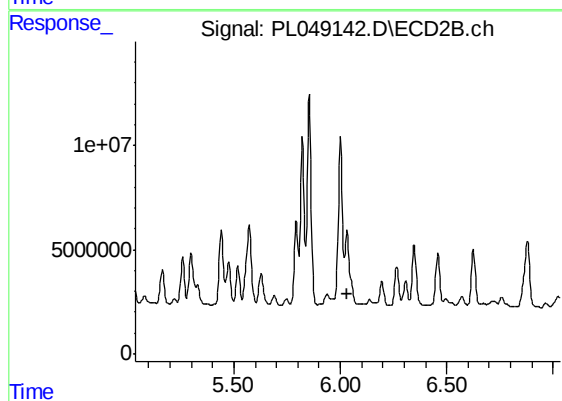
#23 Chlordane-1

R.T.: 4.915 min
Delta R.T.: -0.008 min
Response: 2987471
Conc: 22.57 ng/ml



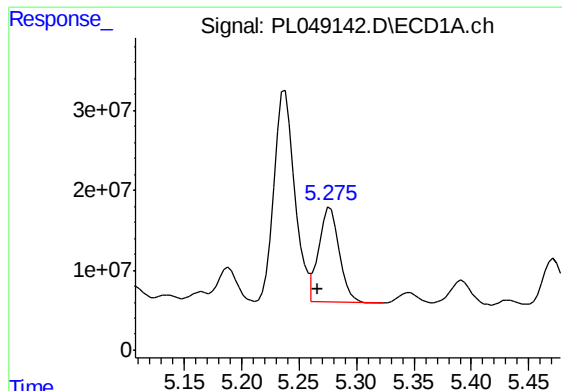
#25 Chlordane-3

R.T.: 5.188 min
Delta R.T.: -0.023 min
Response: 40149561
Conc: 22.50 ng/ml



#25 Chlordane-3

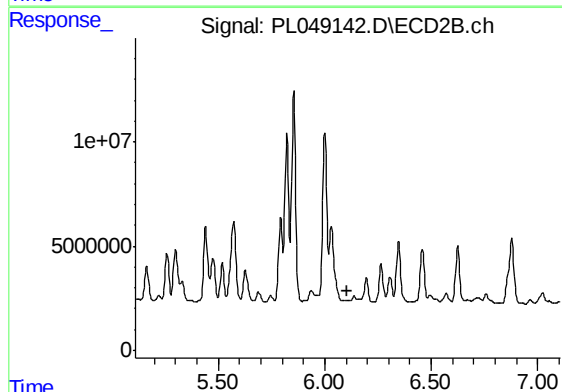
R.T.: 6.032 min
Delta R.T.: -0.003 min
Response: -71666580
Conc: N.D.



#26 Chlordane-4

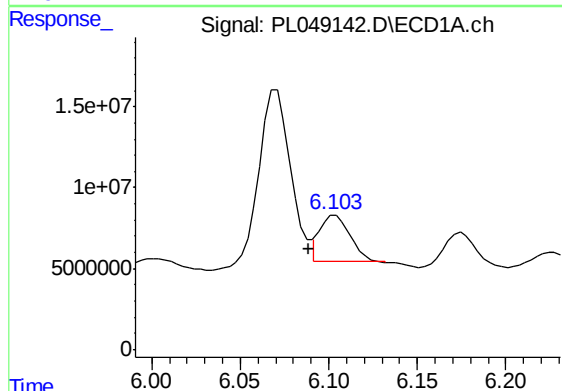
R.T.: 5.277 min
Delta R.T.: 0.010 min
Response: 148828260
Conc: 90.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-251-688



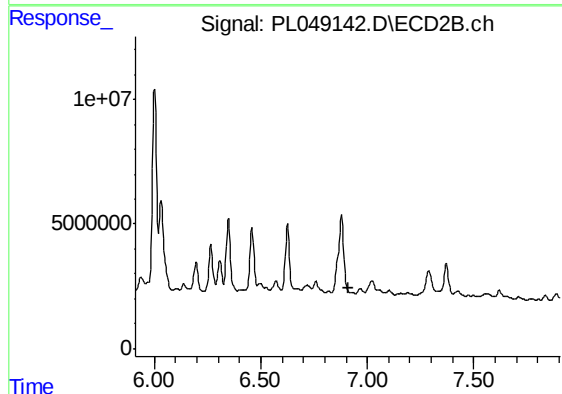
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 6.108 min
Response: 0
Conc: N.D.



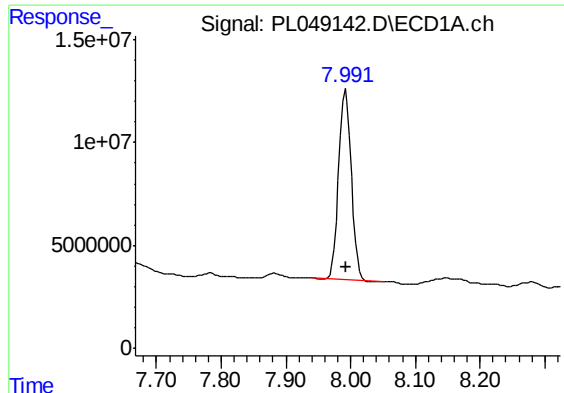
#27 Chlordane-5

R.T.: 6.104 min
Delta R.T.: 0.015 min
Response: 36026178
Conc: 69.18 ng/ml



#27 Chlordane-5

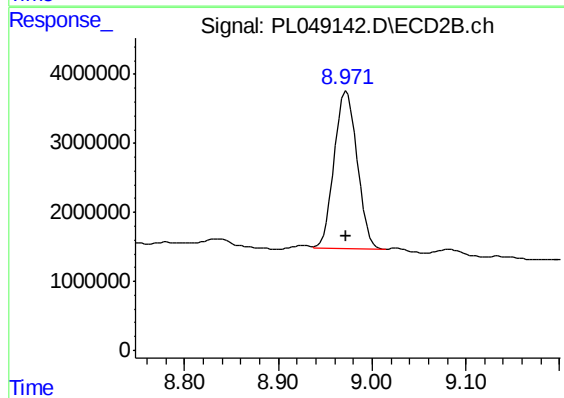
R.T.: 0.000 min
Exp R.T. : 6.911 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 124533594
Conc: 9.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-251-688



#28 Decachlorobiphenyl

R.T.: 8.973 min
Delta R.T.: 0.000 min
Response: 39132262
Conc: 11.72 ng/ml