

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080624\
 Data File : PL090815.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2024 12:46
 Operator : AR\AJ
 Sample : P3390-08
 Misc : PEST LOQ 5PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-WATER-02-QT3-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 02:13:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 06 10:55:36 2024
 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...	3.544	2.786	38530669	33272298	19.900	19.246
28)	SA Decachlor...	9.054	7.926	30693753	33659833	21.363	20.166
Target Compounds							
2)	A alpha-BHC	3.999	3.289	15099939	11182629	5.467	4.539
3)	MA gamma-BHC...	4.331	3.619	14103197	11234389	5.362	4.799
4)	MA Heptachlor	4.920	3.960	17181967	11009563	6.948	4.748 #
5)	MB Aldrin	5.261	4.239	14070210	10371728	5.853	4.678
6)	B beta-BHC	4.528	3.918	7440652	5779850	5.910	5.434
7)	B delta-BHC	4.774	4.147	15009532	9980862	5.995	4.466 #
8)	B Heptachlo...	5.687	4.742	14478405	10284950	6.371	5.046
9)	A Endosulfan I	6.072	5.112	13019457	9790475	6.211	5.070
10)	B gamma-Chl...	5.942	4.992	21289337	10642976	9.422	4.984 #
11)	B alpha-Chl...	6.021	5.056	13971456	10735827	6.238	5.032
12)	B 4,4'-DDE	6.194	5.245	11684490	8872250	5.894	4.730
13)	MA Dieldrin	6.347	5.376	13142591	10006568	5.992	4.846
14)	MA Endrin	6.576	5.651	9643474	8026682	5.266	4.393
15)	B Endosulfa...	6.795	5.945	12422735	9313414	6.195	5.128
16)	A 4,4'-DDD	6.711	5.799	10156095	8023200	6.161	5.171
17)	MA 4,4'-DDT	7.024	6.049	9191834	6791835	5.156	4.096
18)	B Endrin al...	6.925	6.124	9403430	7748191	6.244	5.473
19)	B Endosulfa...	7.159	6.347	11006384	9083284	6.136	5.203
20)	A Methoxychlor	7.499	6.624	4886116	4292406	5.120	4.650
21)	B Endrin ke...	7.643	6.852	12256888	10404409	6.186	5.250
22)	Mirex	8.118	7.034	9813129	9599343	6.313	5.716
23)	Chlordane-1	0.000	3.773	0	36253	N.D.	0.538 #
24)	Chlordane-2	5.261f	4.377	14070210	115442	139.514	1.388 #
25)	Chlordane-3	5.942	4.992	21289337	10642976	64.738	47.528 #
26)	Chlordane-4	6.021	5.056	13971456	10735827	34.864	50.177 #
27)	Chlordane-5	0.000	5.749f	0	613612	N.D.	9.182 #

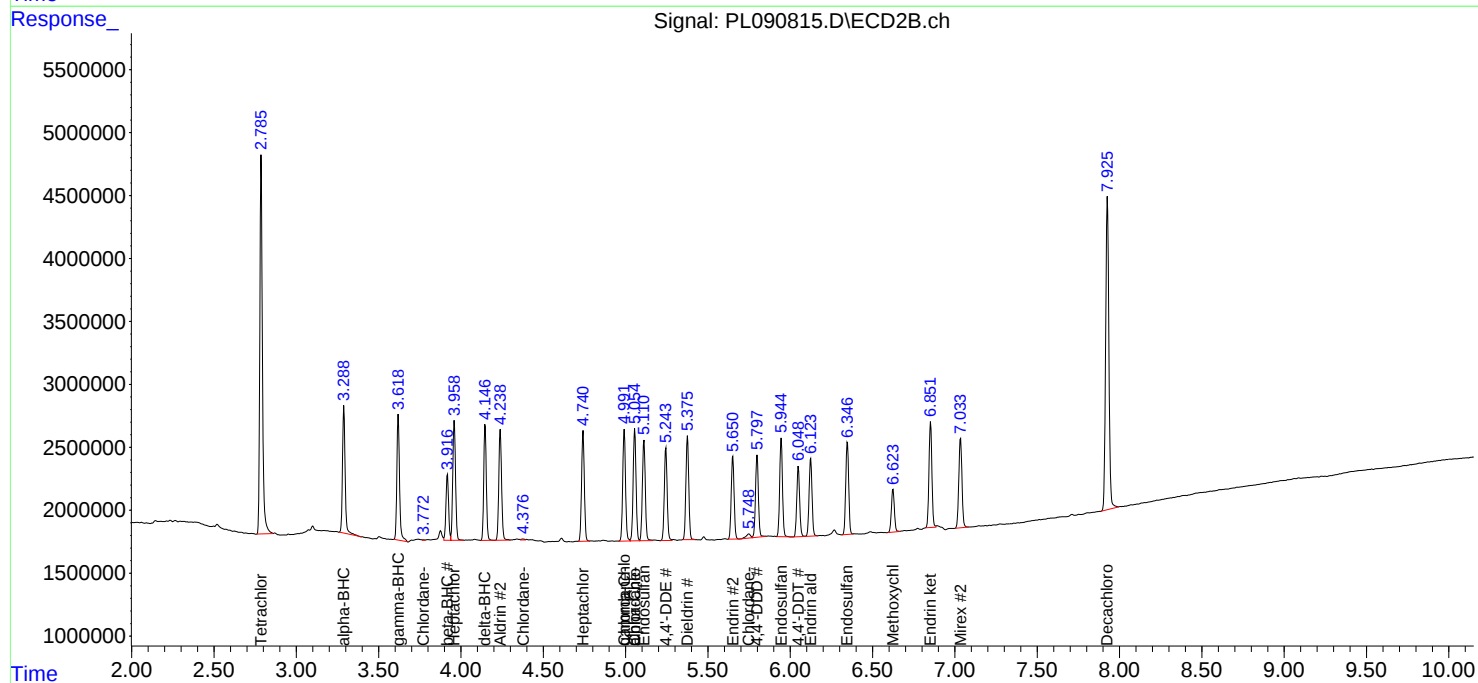
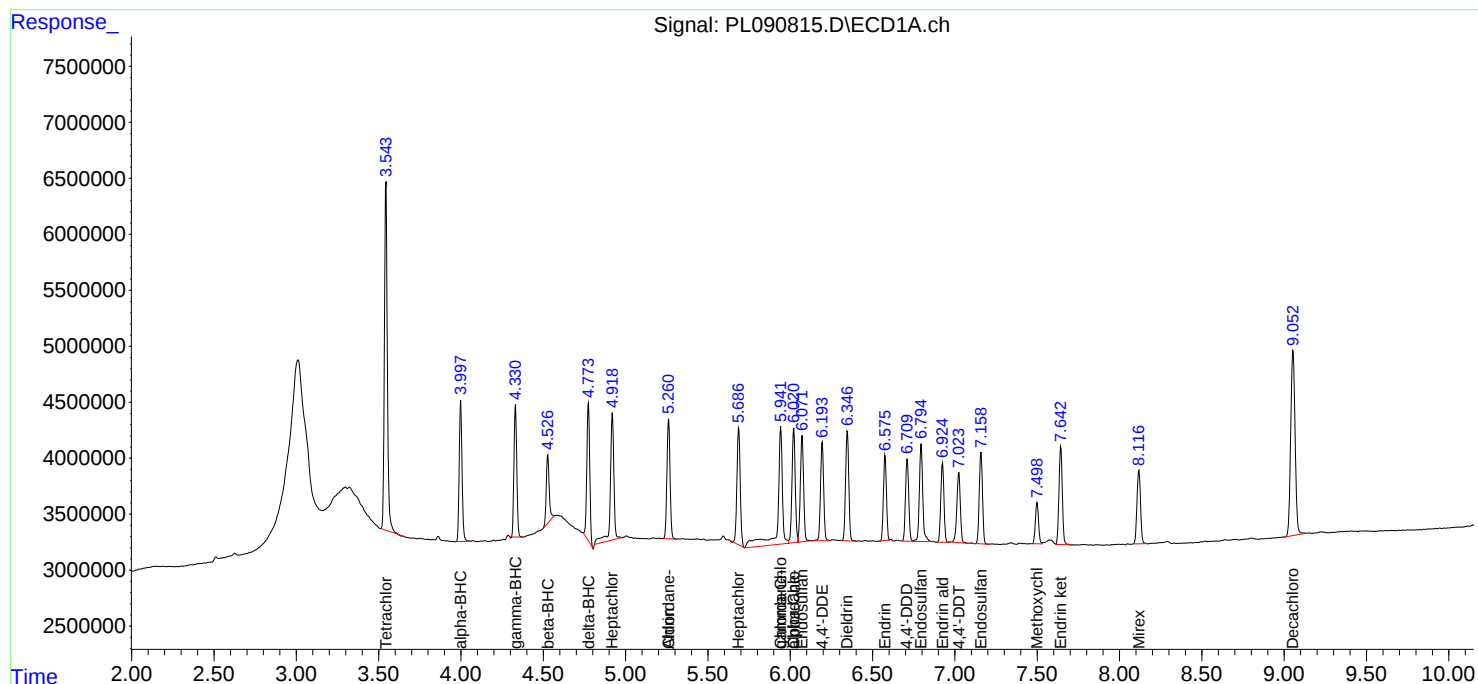
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

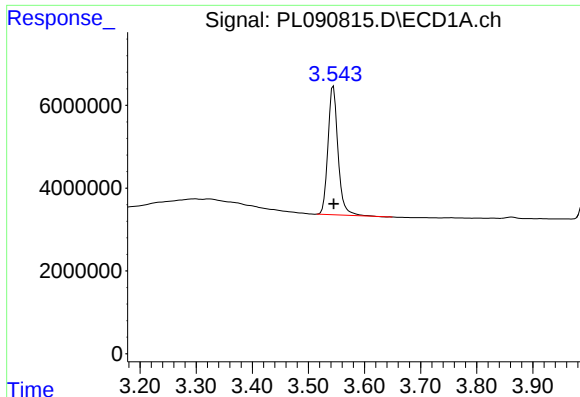
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080624\
Data File : PL090815.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2024 12:46
Operator : AR\AJ
Sample : P3390-08
Misc : PEST LOQ 5PPB
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 02:13:36 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
Quant Title : GC Extractables
QLast Update : Tue Aug 06 10:55:36 2024
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

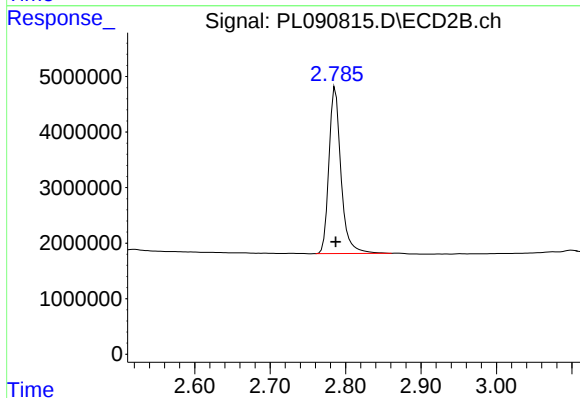




#1 Tetrachloro-m-xylene

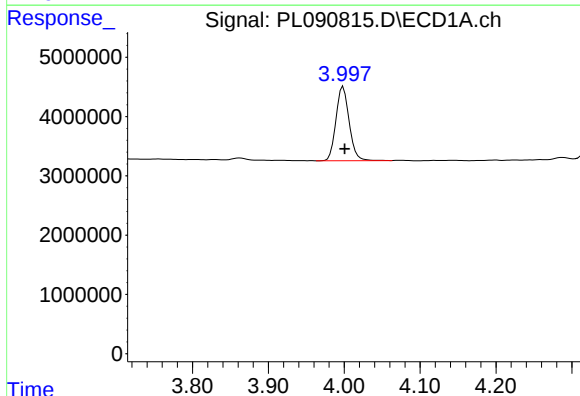
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 38530669
Conc: 19.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024



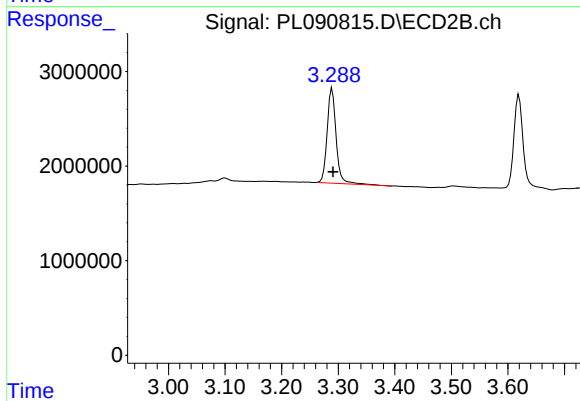
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: 0.000 min
Response: 33272298
Conc: 19.25 ng/ml



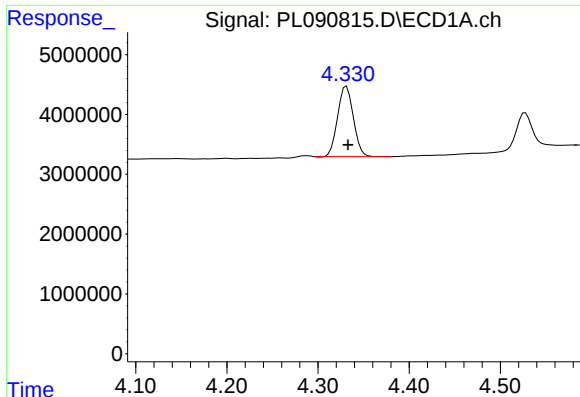
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: -0.002 min
Response: 15099939
Conc: 5.47 ng/ml



#2 alpha-BHC

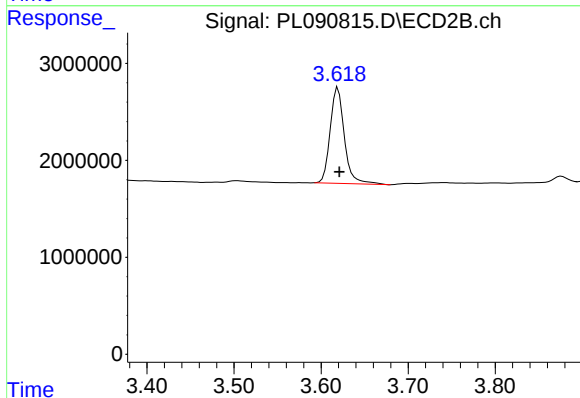
R.T.: 3.289 min
Delta R.T.: -0.002 min
Response: 11182629
Conc: 4.54 ng/ml



#3 gamma-BHC (Lindane)

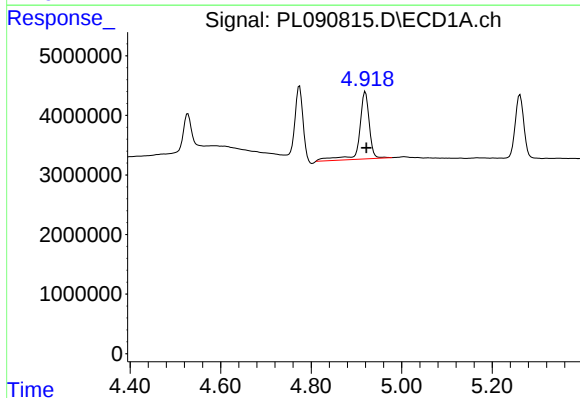
R.T.: 4.331 min
Delta R.T.: -0.002 min
Response: 14103197
Conc: 5.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024



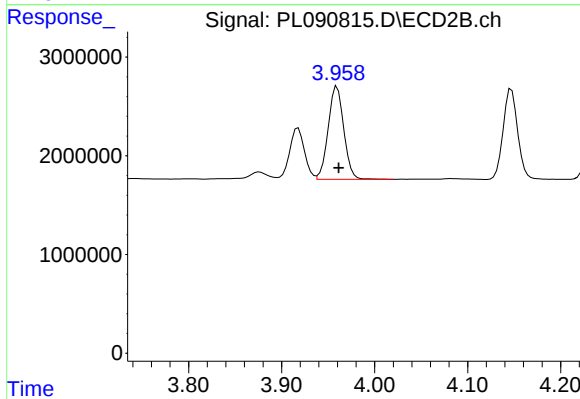
#3 gamma-BHC (Lindane)

R.T.: 3.619 min
Delta R.T.: -0.002 min
Response: 11234389
Conc: 4.80 ng/ml



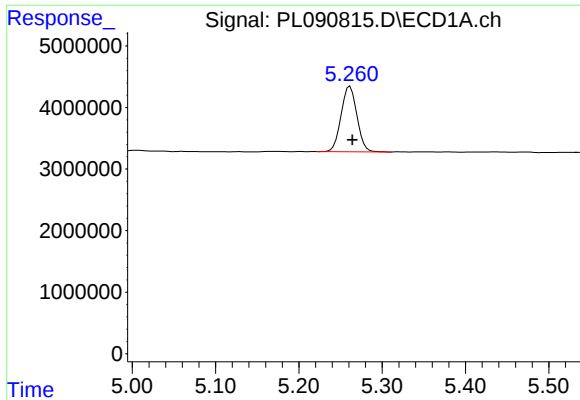
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: -0.003 min
Response: 17181967
Conc: 6.95 ng/ml



#4 Heptachlor

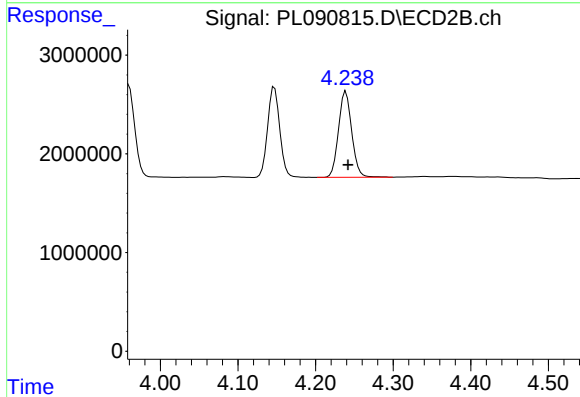
R.T.: 3.960 min
Delta R.T.: -0.002 min
Response: 11009563
Conc: 4.75 ng/ml



#5 Aldrin

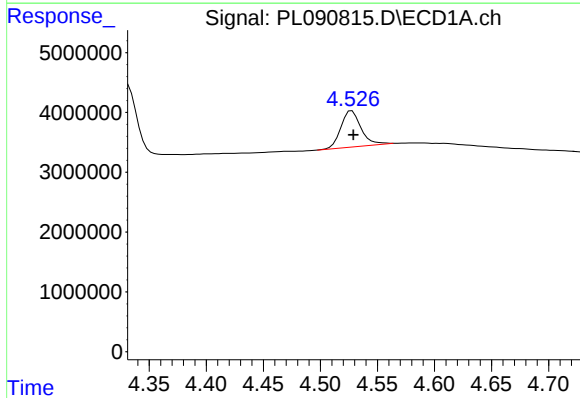
R.T.: 5.261 min
Delta R.T.: -0.003 min
Response: 14070210
Conc: 5.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024



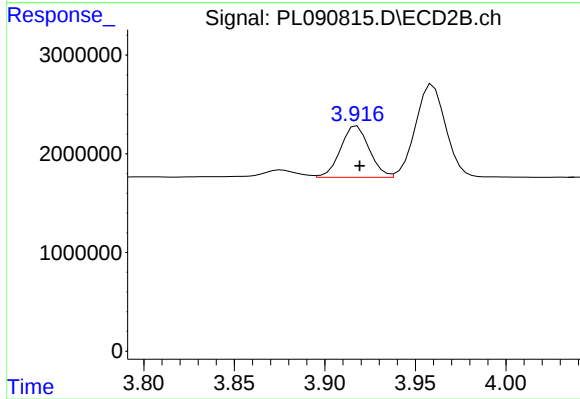
#5 Aldrin

R.T.: 4.239 min
Delta R.T.: -0.003 min
Response: 10371728
Conc: 4.68 ng/ml



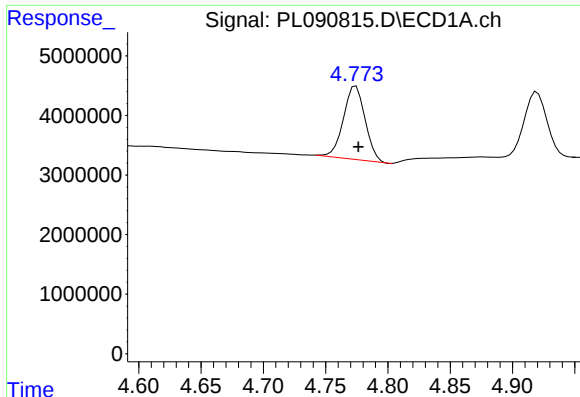
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: -0.001 min
Response: 7440652
Conc: 5.91 ng/ml



#6 beta-BHC

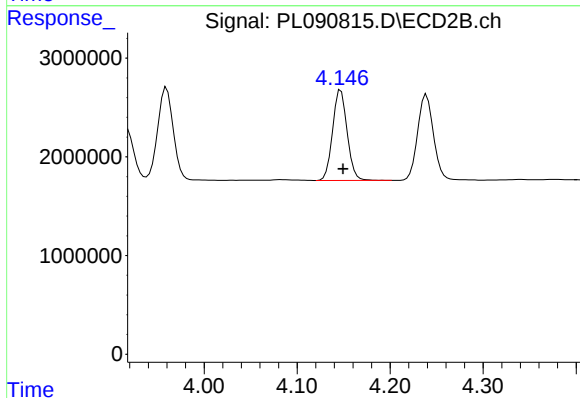
R.T.: 3.918 min
Delta R.T.: -0.001 min
Response: 5779850
Conc: 5.43 ng/ml



#7 delta-BHC

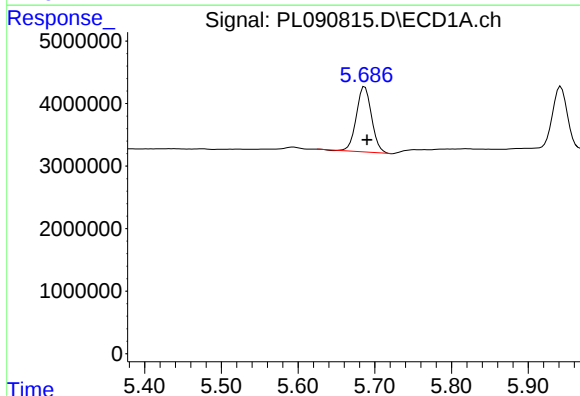
R.T.: 4.774 min
Delta R.T.: -0.002 min
Response: 15009532
Conc: 6.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024



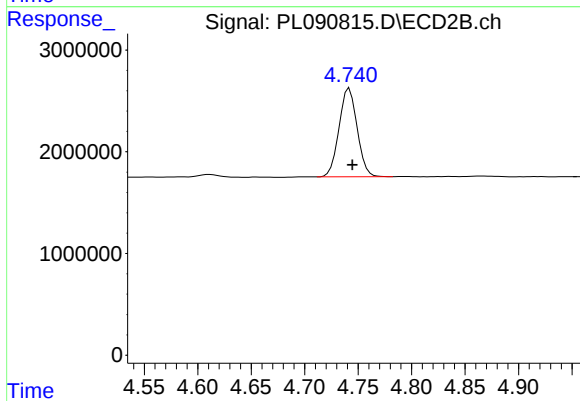
#7 delta-BHC

R.T.: 4.147 min
Delta R.T.: -0.002 min
Response: 9980862
Conc: 4.47 ng/ml



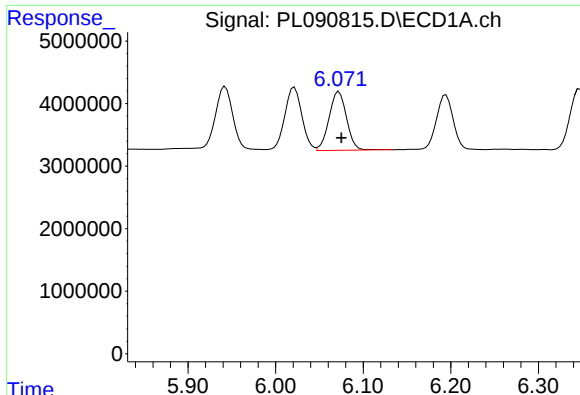
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: -0.003 min
Response: 14478405
Conc: 6.37 ng/ml



#8 Heptachlor epoxide

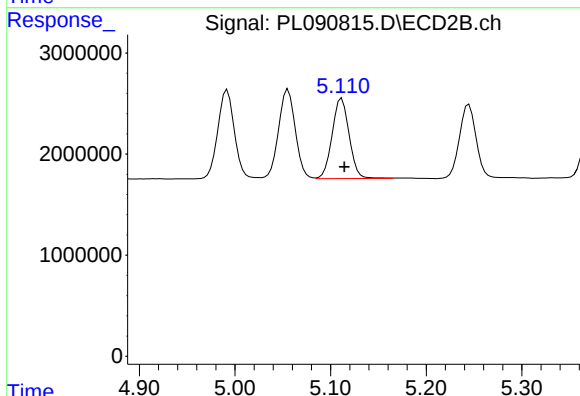
R.T.: 4.742 min
Delta R.T.: -0.003 min
Response: 10284950
Conc: 5.05 ng/ml



#9 Endosulfan I

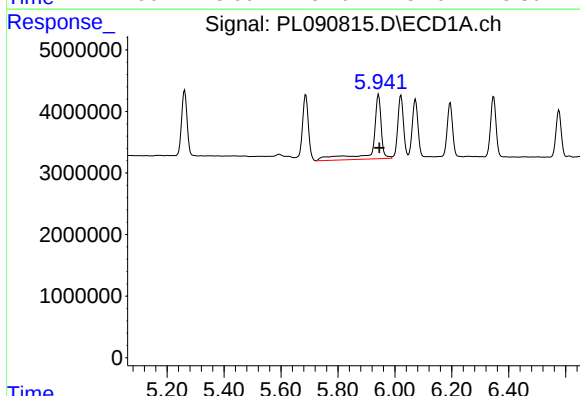
R.T.: 6.072 min
Delta R.T.: -0.003 min
Response: 13019457
Conc: 6.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024



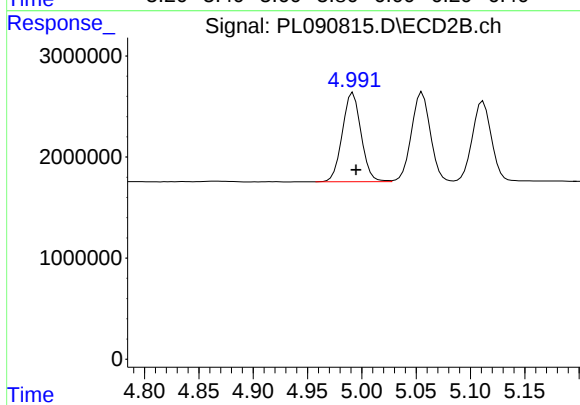
#9 Endosulfan I

R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 9790475
Conc: 5.07 ng/ml



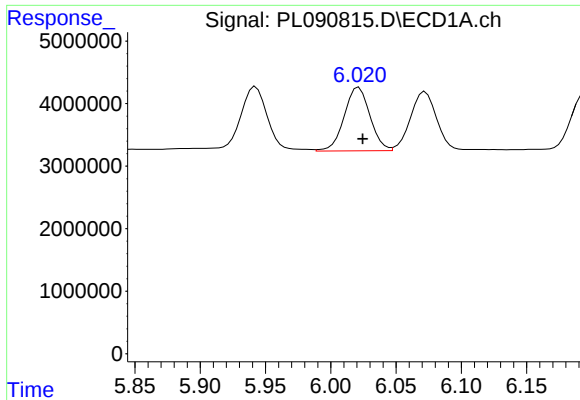
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: -0.003 min
Response: 21289337
Conc: 9.42 ng/ml



#10 gamma-Chlordane

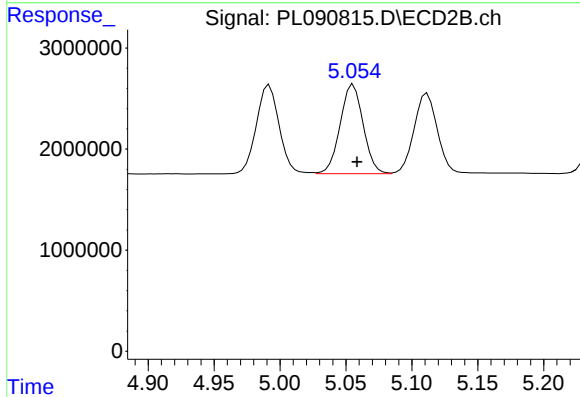
R.T.: 4.992 min
Delta R.T.: -0.003 min
Response: 10642976
Conc: 4.98 ng/ml



#11 alpha-Chlordane

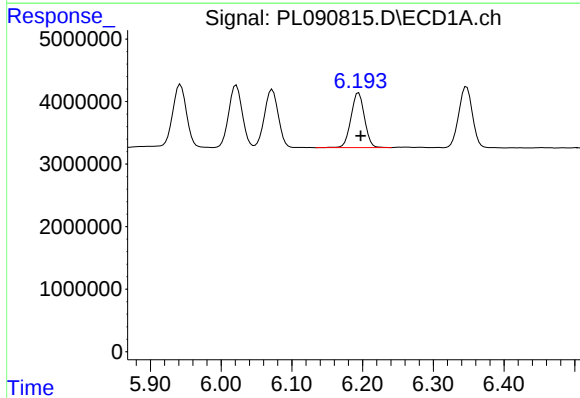
R.T.: 6.021 min
Delta R.T.: -0.003 min
Response: 13971456
Conc: 6.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024



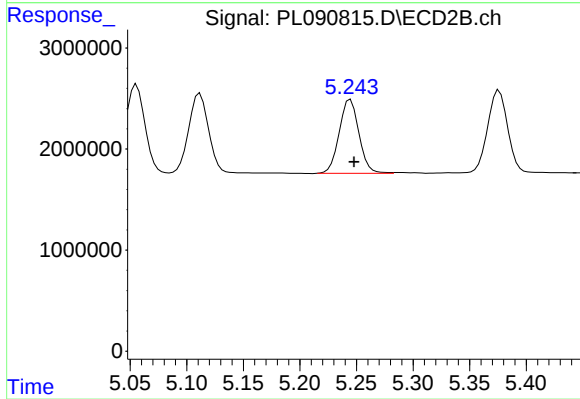
#11 alpha-Chlordane

R.T.: 5.056 min
Delta R.T.: -0.003 min
Response: 10735827
Conc: 5.03 ng/ml



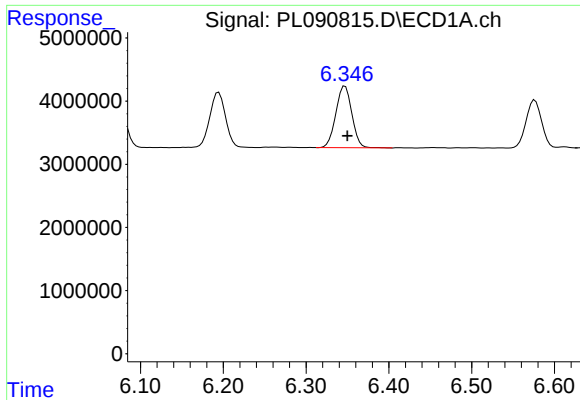
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.003 min
Response: 11684490
Conc: 5.89 ng/ml



#12 4,4'-DDE

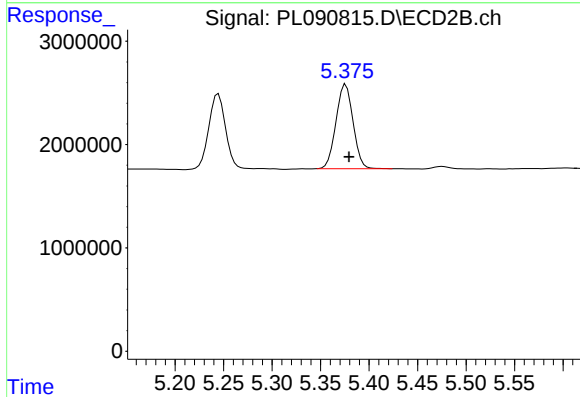
R.T.: 5.245 min
Delta R.T.: -0.003 min
Response: 8872250
Conc: 4.73 ng/ml



#13 Dieldrin

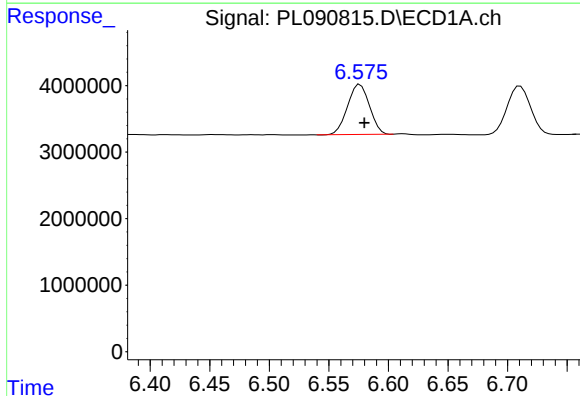
R.T.: 6.347 min
Delta R.T.: -0.003 min
Response: 13142591
Conc: 5.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024



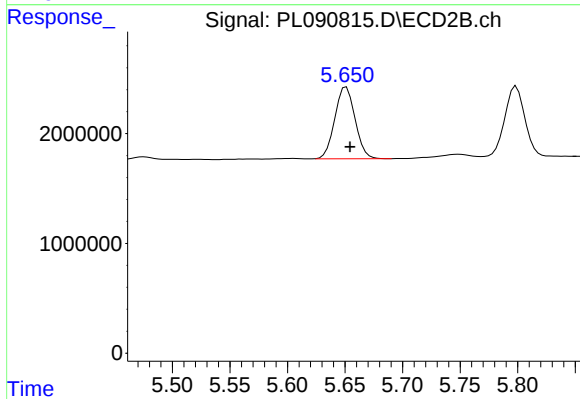
#13 Dieldrin

R.T.: 5.376 min
Delta R.T.: -0.003 min
Response: 10006568
Conc: 4.85 ng/ml



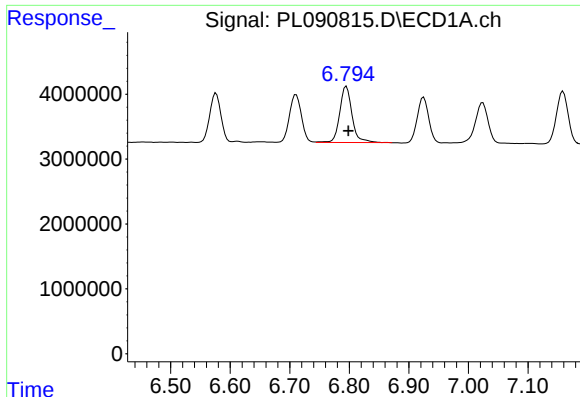
#14 Endrin

R.T.: 6.576 min
Delta R.T.: -0.004 min
Response: 9643474
Conc: 5.27 ng/ml



#14 Endrin

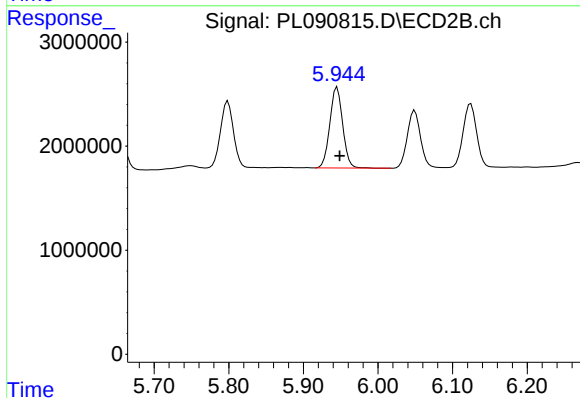
R.T.: 5.651 min
Delta R.T.: -0.003 min
Response: 8026682
Conc: 4.39 ng/ml



#15 Endosulfan II

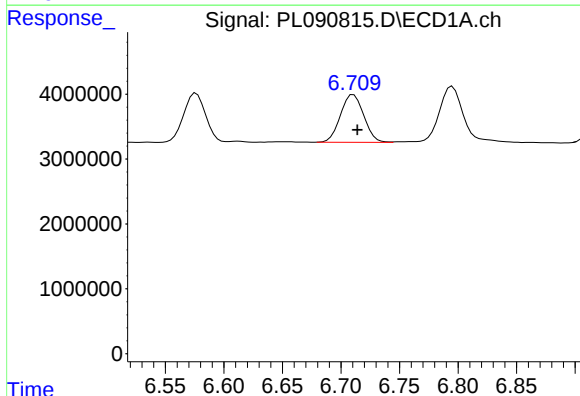
R.T.: 6.795 min
Delta R.T.: -0.003 min
Response: 12422735
Conc: 6.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024



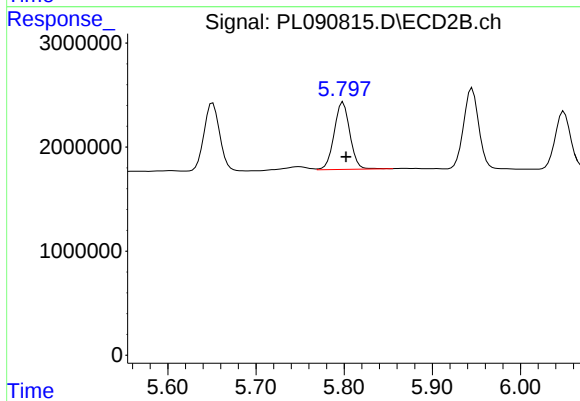
#15 Endosulfan II

R.T.: 5.945 min
Delta R.T.: -0.003 min
Response: 9313414
Conc: 5.13 ng/ml



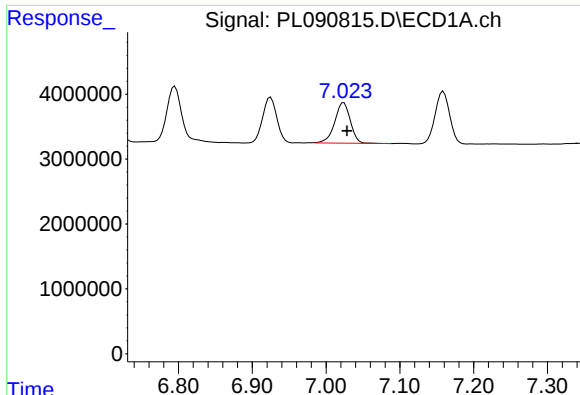
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: -0.003 min
Response: 10156095
Conc: 6.16 ng/ml



#16 4,4'-DDD

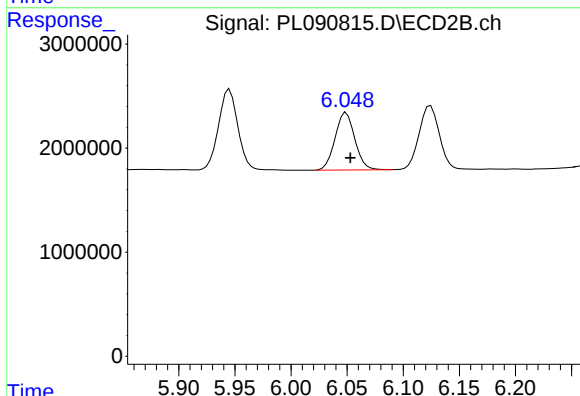
R.T.: 5.799 min
Delta R.T.: -0.003 min
Response: 8023200
Conc: 5.17 ng/ml



#17 4,4'-DDT

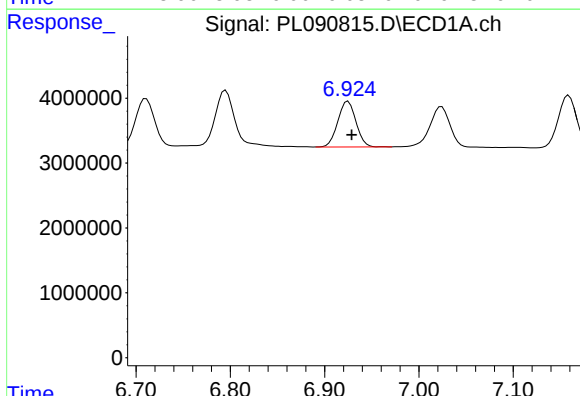
R.T.: 7.024 min
Delta R.T.: -0.004 min
Response: 9191834
Conc: 5.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024



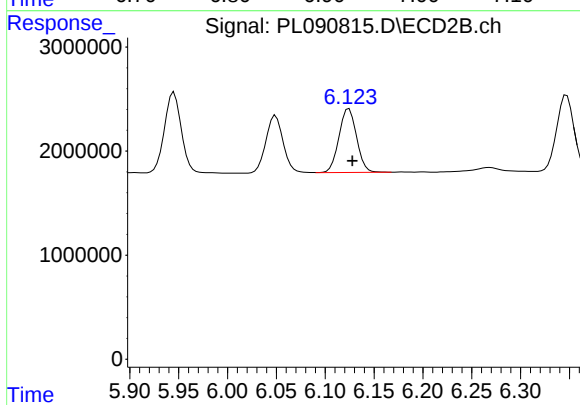
#17 4,4'-DDT

R.T.: 6.049 min
Delta R.T.: -0.003 min
Response: 6791835
Conc: 4.10 ng/ml



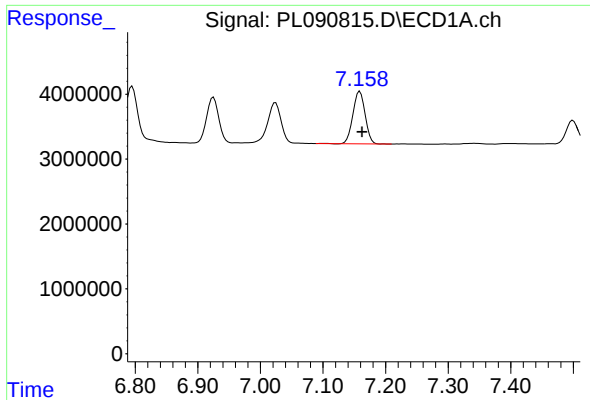
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: -0.004 min
Response: 9403430
Conc: 6.24 ng/ml



#18 Endrin aldehyde

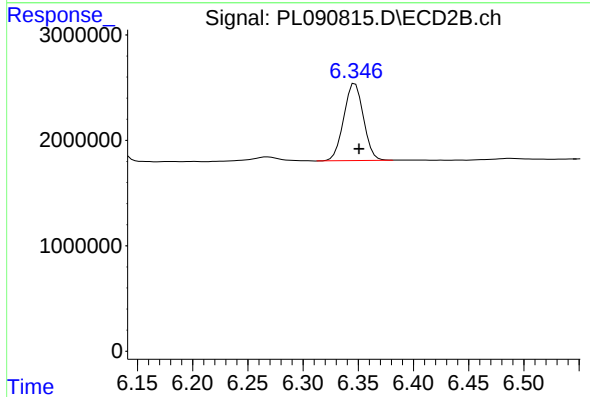
R.T.: 6.124 min
Delta R.T.: -0.003 min
Response: 7748191
Conc: 5.47 ng/ml



#19 Endosulfan Sulfate

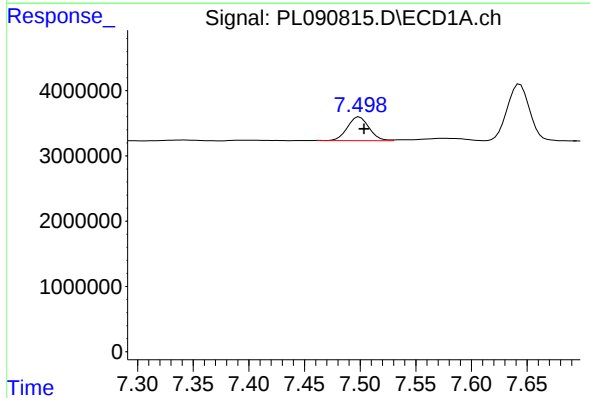
R.T.: 7.159 min
Delta R.T.: -0.004 min
Response: 11006384
Conc: 6.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024



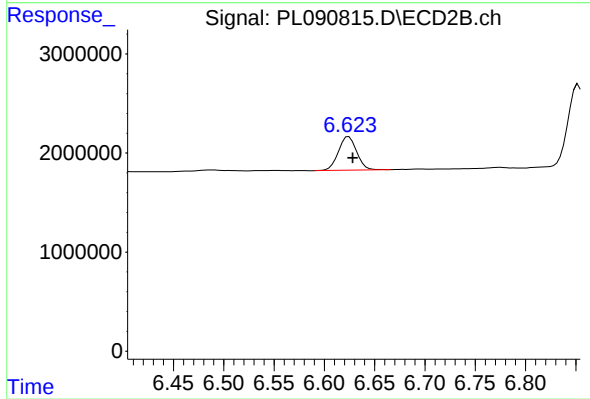
#19 Endosulfan Sulfate

R.T.: 6.347 min
Delta R.T.: -0.004 min
Response: 9083284
Conc: 5.20 ng/ml



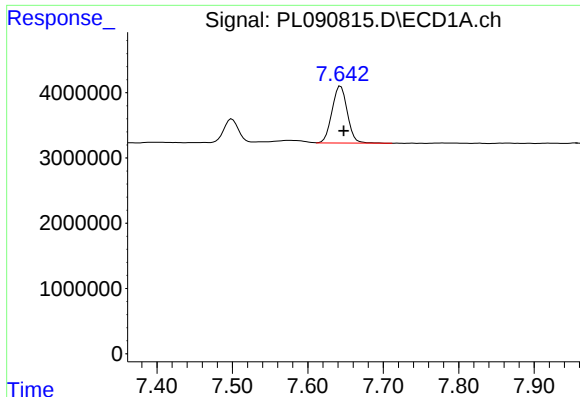
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: -0.004 min
Response: 4886116
Conc: 5.12 ng/ml



#20 Methoxychlor

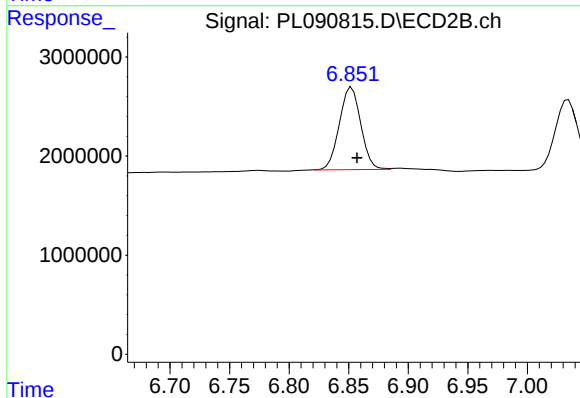
R.T.: 6.624 min
Delta R.T.: -0.004 min
Response: 4292406
Conc: 4.65 ng/ml



#21 Endrin ketone

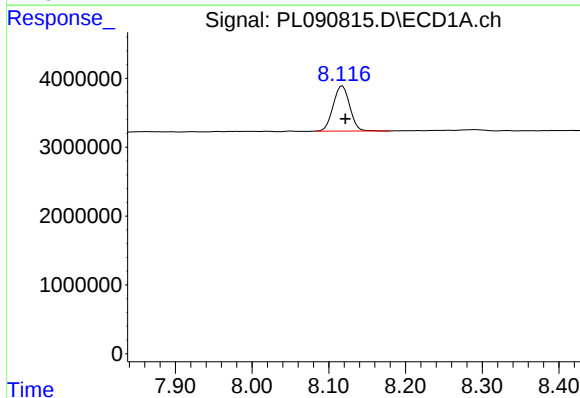
R.T.: 7.643 min
Delta R.T.: -0.004 min
Response: 12256888
Conc: 6.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024



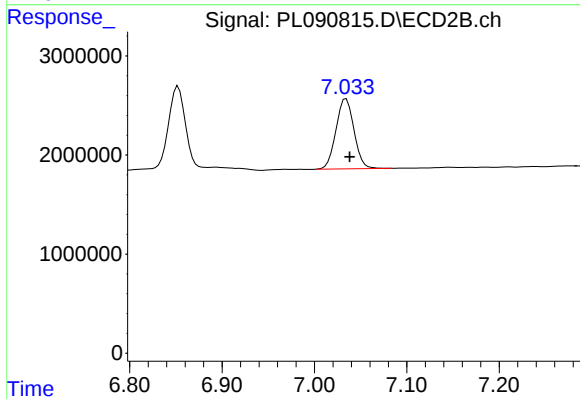
#21 Endrin ketone

R.T.: 6.852 min
Delta R.T.: -0.005 min
Response: 10404409
Conc: 5.25 ng/ml



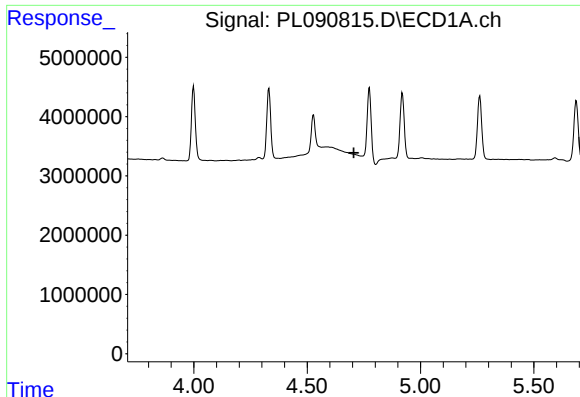
#22 Mirex

R.T.: 8.118 min
Delta R.T.: -0.004 min
Response: 9813129
Conc: 6.31 ng/ml



#22 Mirex

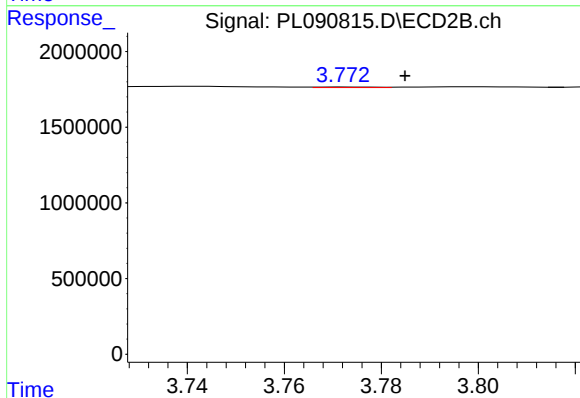
R.T.: 7.034 min
Delta R.T.: -0.004 min
Response: 9599343
Conc: 5.72 ng/ml



#23 Chlordane-1

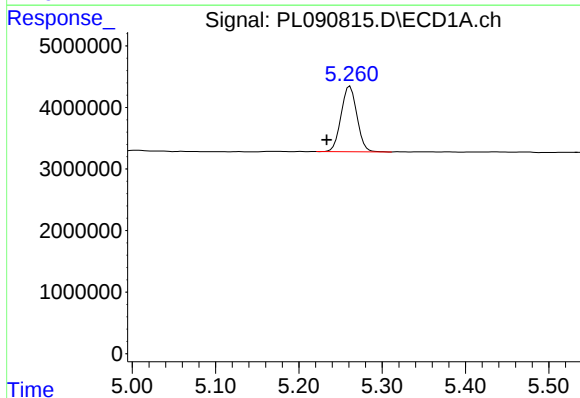
R.T.: 0.000 min
Exp R.T.: 4.705 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024



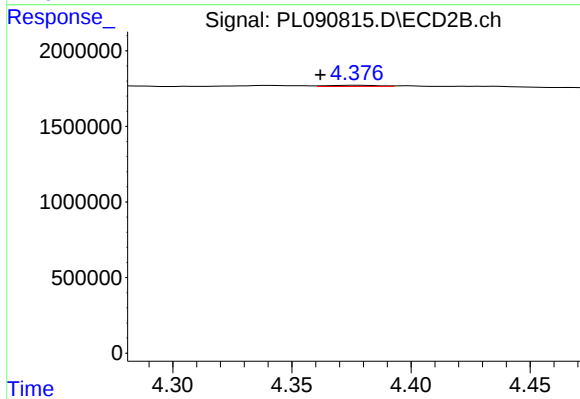
#23 Chlordane-1

R.T.: 3.773 min
Delta R.T.: -0.012 min
Response: 36253
Conc: 0.54 ng/ml



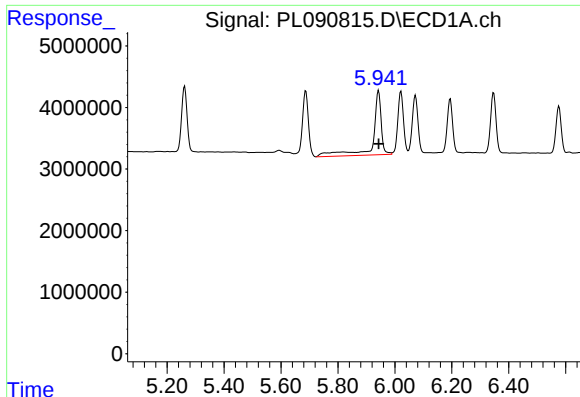
#24 Chlordane-2

R.T.: 5.261 min
Delta R.T.: 0.028 min
Response: 14070210
Conc: 139.51 ng/ml



#24 Chlordane-2

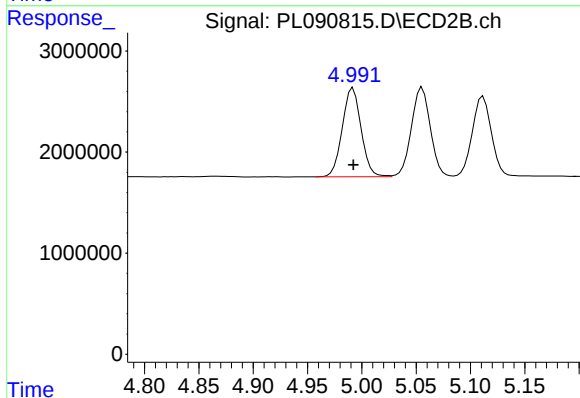
R.T.: 4.377 min
Delta R.T.: 0.015 min
Response: 115442
Conc: 1.39 ng/ml



#25 Chlordane-3

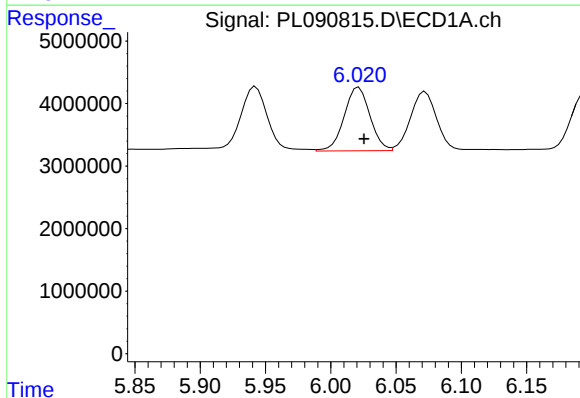
R.T.: 5.942 min
Delta R.T.: 0.000 min
Response: 21289337
Conc: 64.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024



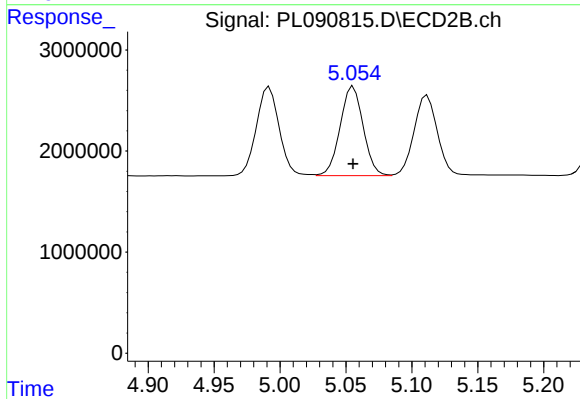
#25 Chlordane-3

R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 10642976
Conc: 47.53 ng/ml



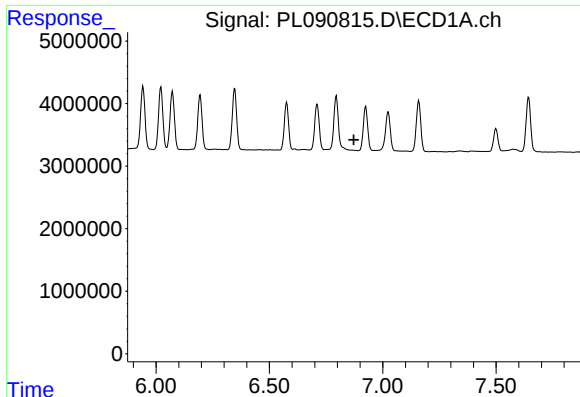
#26 Chlordane-4

R.T.: 6.021 min
Delta R.T.: -0.004 min
Response: 13971456
Conc: 34.86 ng/ml



#26 Chlordane-4

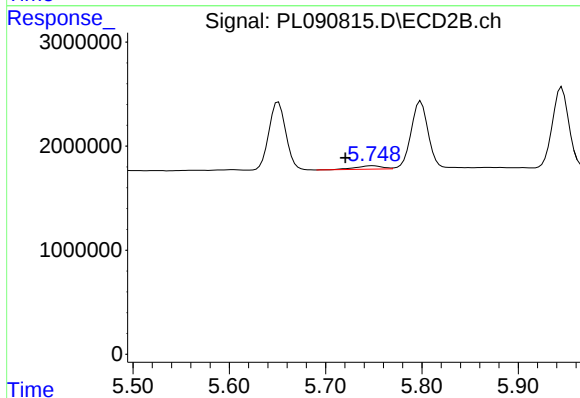
R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 10735827
Conc: 50.18 ng/ml



#27 Chlordane-5

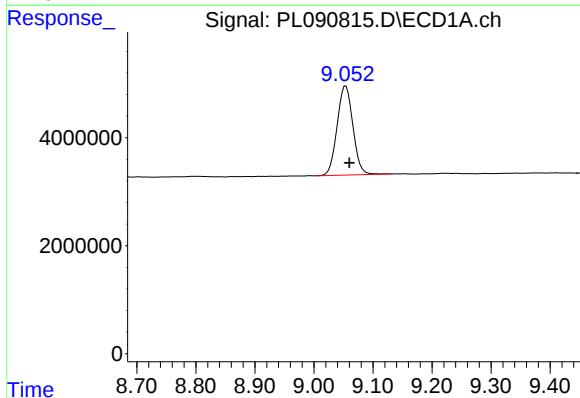
R.T.: 0.000 min
Exp R.T.: 6.873 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024



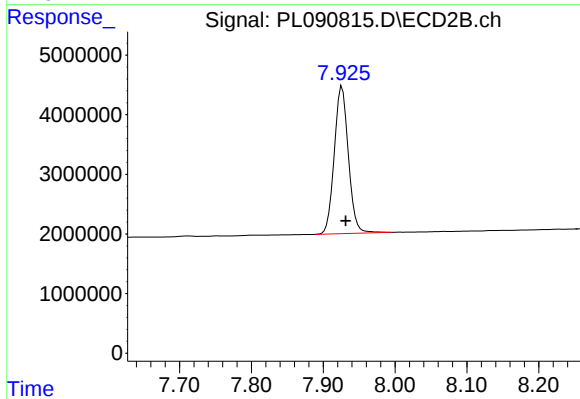
#27 Chlordane-5

R.T.: 5.749 min
Delta R.T.: 0.029 min
Response: 613612
Conc: 9.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: -0.006 min
Response: 30693753
Conc: 21.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.926 min
Delta R.T.: -0.005 min
Response: 33659833
Conc: 20.17 ng/ml