

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050924\
 Data File : PL089427.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 May 2024 16:13
 Operator : AR\AJ
 Sample : P2403-08
 Misc : PEST LOQ 5PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-WATER-02-QT2-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 00:58:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 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...	3.551	2.797	43215096	27938215	21.461	21.775
2)	SA Decachlor...	9.069	7.949	29017963	28711345	20.742	21.344
Target Compounds							
2)	A alpha-BHC	4.006	3.301	16585780	9056652	5.816	4.800
3)	MA gamma-BHC...	4.339	3.632	16383317	8973885	5.885	4.863
4)	MA Heptachlor	4.929	3.974	15479392	8591406	6.241	4.903
5)	MB Aldrin	5.271	4.255	15759157	8574736	6.136	4.850
6)	B beta-BHC	4.534	3.930	7389476	4644625	5.857	5.689
7)	B delta-BHC	4.781	4.161	15395689	8343893	5.805	4.638
8)	B Heptachlo...	5.696	4.759	15088528	8662191	6.433	5.358
9)	A Endosulfan I	6.082	5.129	13516407	8219355	6.287	5.488
10)	B gamma-Chl...	5.952	5.009	15754200	9171102	6.892	5.589
11)	B alpha-Chl...	6.031	5.073	14570006	9101693	6.405	5.519
12)	B 4,4'-DDE	6.203	5.262	12396145	7422203	6.127	5.105
13)	MA Dieldrin	6.356	5.394	13849761	8386010	6.187	5.213
14)	MA Endrin	6.586	5.669	10874149	7221636	5.740	5.023
15)	B Endosulfa...	6.804	5.962	12312558	8323325	6.169	5.787
16)	A 4,4'-DDD	6.720	5.816	11137188	7345169	6.602	5.956
17)	MA 4,4'-DDT	7.033	6.067	10156627	5591365	5.523	4.133 #
18)	B Endrin al...	6.934	6.142	9542840	6524676	6.310	5.866
19)	B Endosulfa...	7.169	6.365	11451339	7961079	6.331	5.739
20)	A Methoxychlor	7.508	6.644	5082950	3577114	5.169	4.474
21)	B Endrin ke...	7.653	6.871	12665951	8726721	6.328	5.458
22)	Mirex	8.129	7.055	9473546	8111993	6.096	5.946
23)	Chlordane-1	0.000	3.832f	0	20653	N.D.	0.420 #
24)	Chlordane-2	5.217f	4.362	150291	91660	1.430	1.441
25)	Chlordane-3	5.952	5.009	15754200	9171102	47.703	53.563
26)	Chlordane-4	6.031	5.073	14570006	9101693	35.744	56.587 #
27)	Chlordane-5	0.000	5.763f	0	193389	N.D.	3.779 #

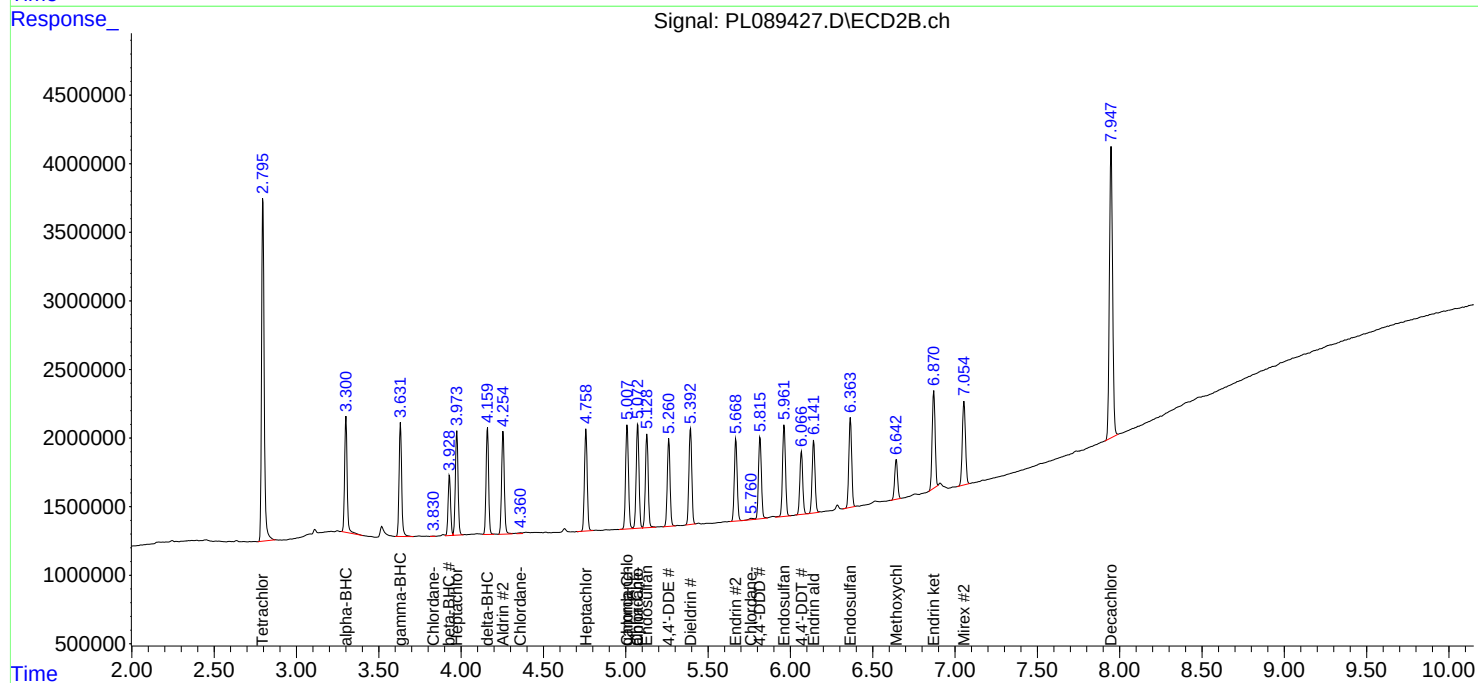
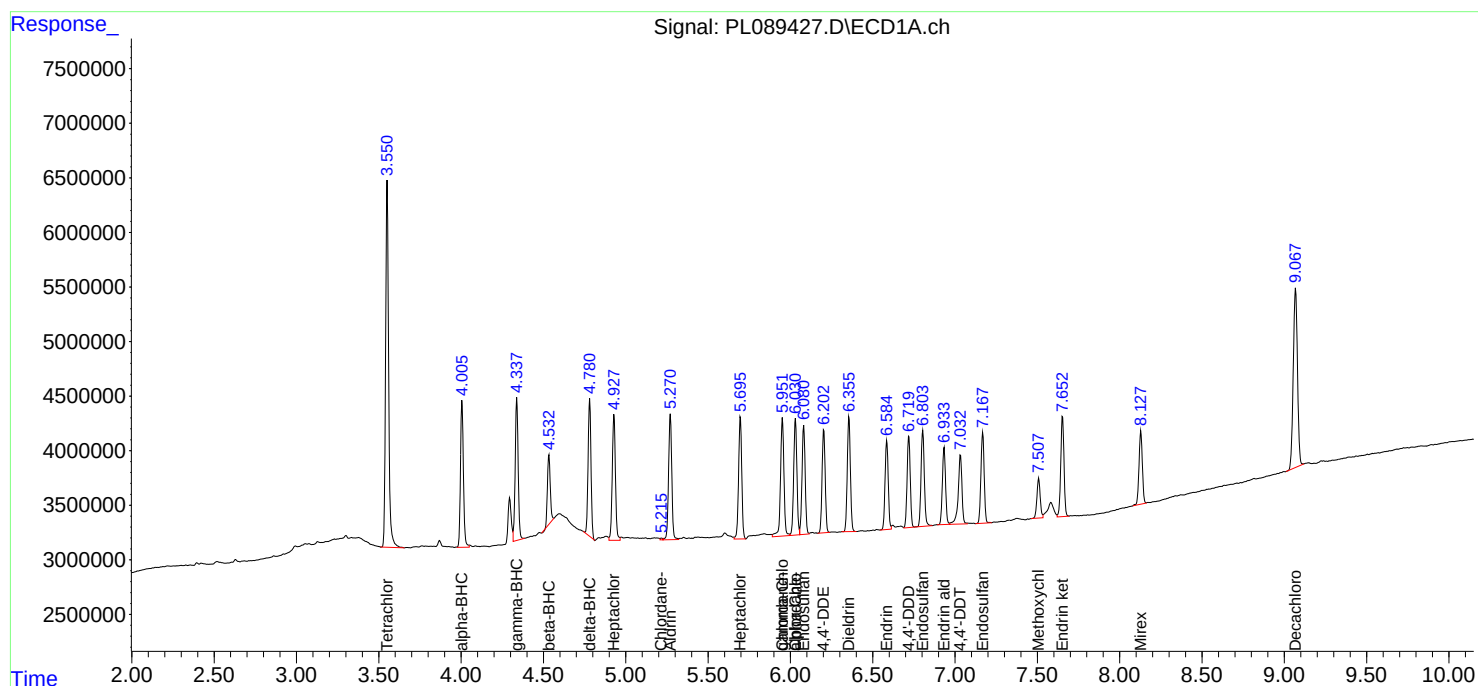
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

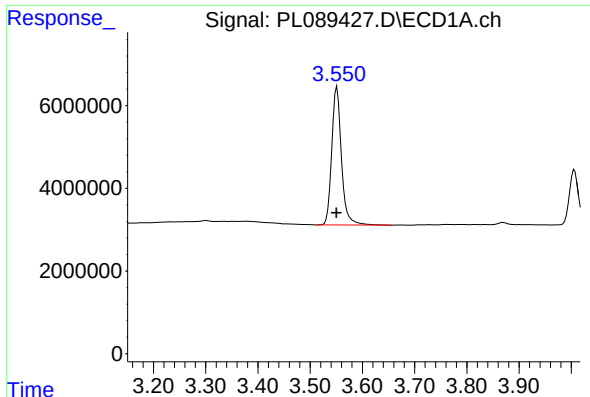
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050924\
Data File : PL089427.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 May 2024 16:13
Operator : AR\AJ
Sample : P2403-08
Misc : PEST LOQ 5PPB
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 10 00:58:10 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
Quant Title : GC Extractables
QLast Update : Fri Apr 26 19:27:30 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

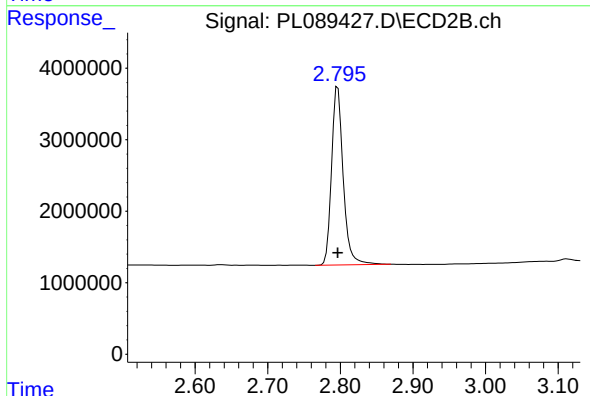




#1 Tetrachloro-m-xylene

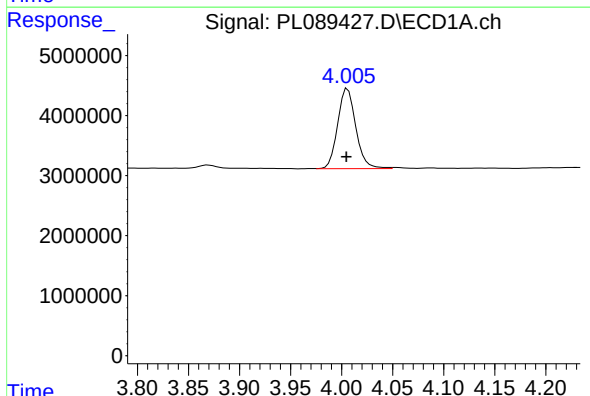
R.T.: 3.551 min
Delta R.T.: 0.001 min
Response: 43215096
Conc: 21.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024



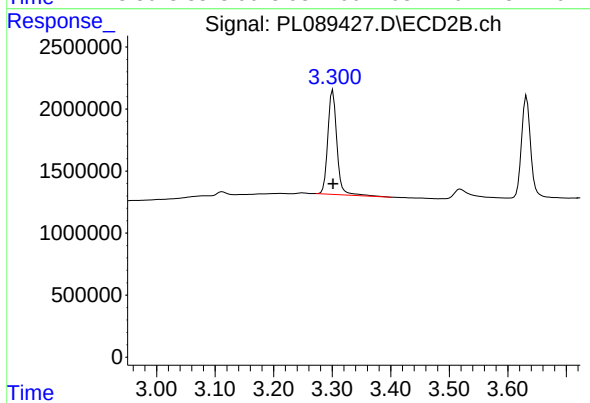
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 27938215
Conc: 21.77 ng/ml



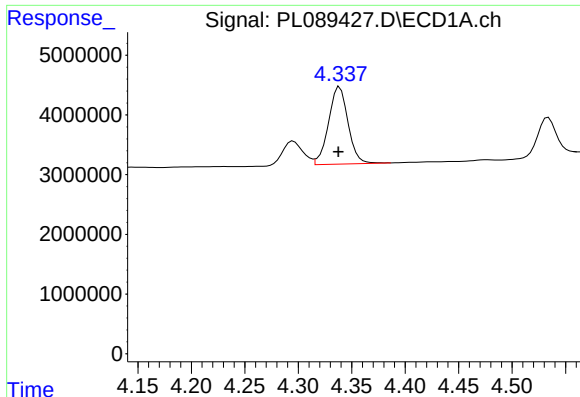
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.001 min
Response: 16585780
Conc: 5.82 ng/ml



#2 alpha-BHC

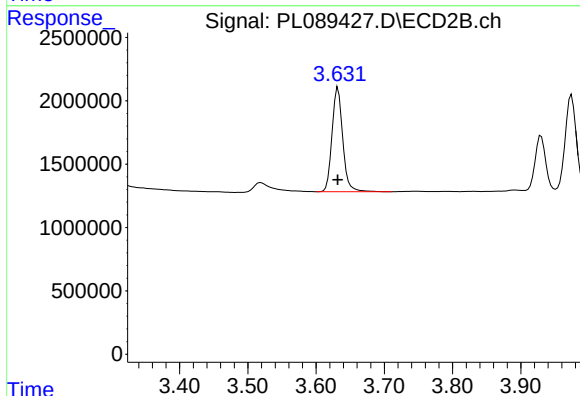
R.T.: 3.301 min
Delta R.T.: 0.000 min
Response: 9056652
Conc: 4.80 ng/ml



#3 gamma-BHC (Lindane)

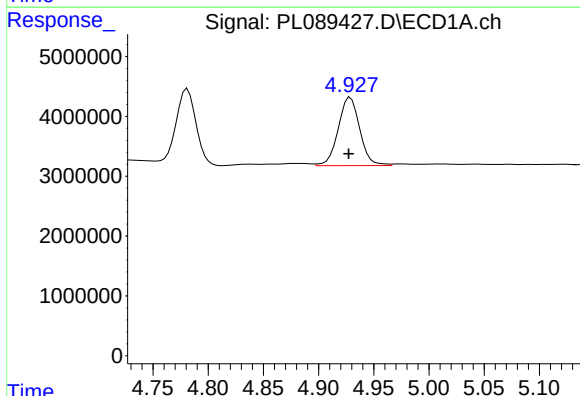
R.T.: 4.339 min
Delta R.T.: 0.001 min
Response: 16383317
Conc: 5.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024



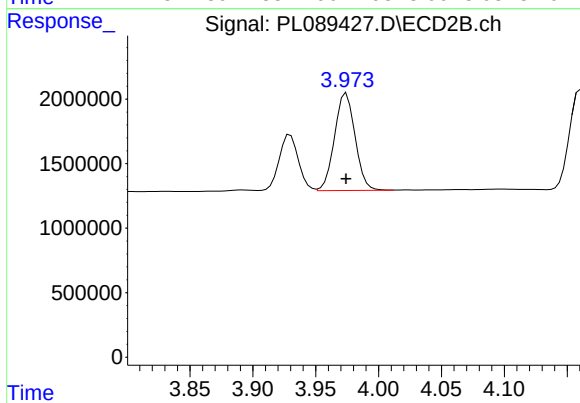
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 8973885
Conc: 4.86 ng/ml



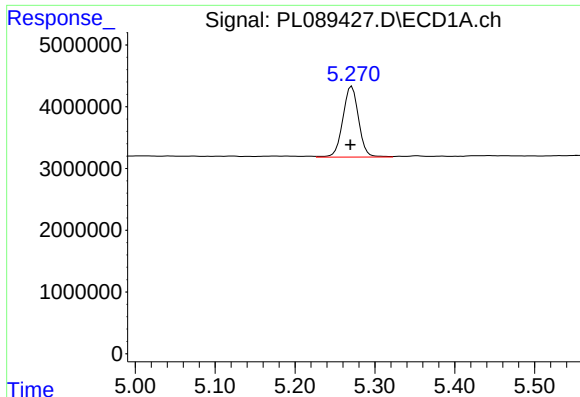
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.001 min
Response: 15479392
Conc: 6.24 ng/ml



#4 Heptachlor

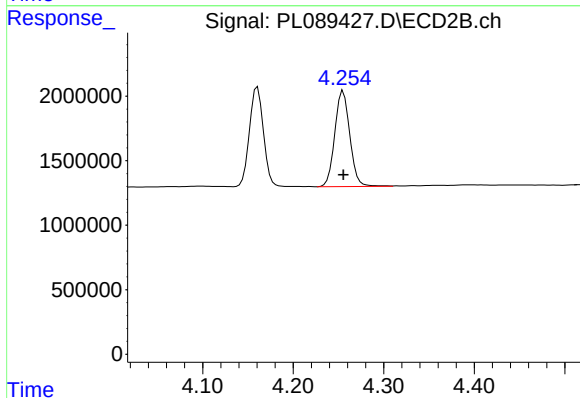
R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 8591406
Conc: 4.90 ng/ml



#5 Aldrin

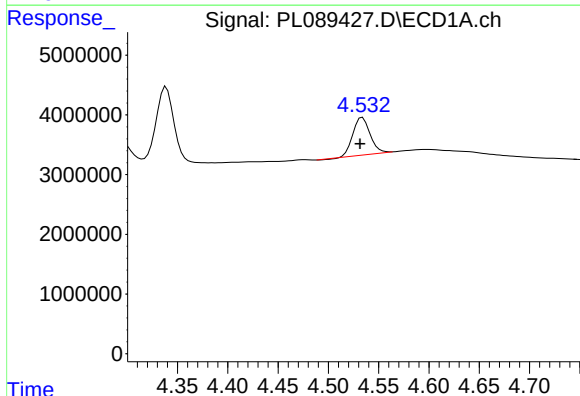
R.T.: 5.271 min
Delta R.T.: 0.002 min
Response: 15759157
Conc: 6.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024



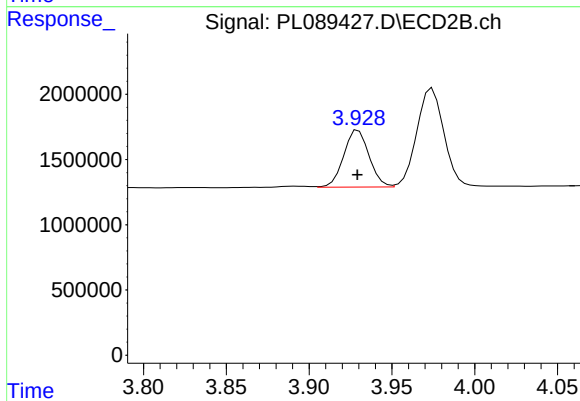
#5 Aldrin

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 8574736
Conc: 4.85 ng/ml



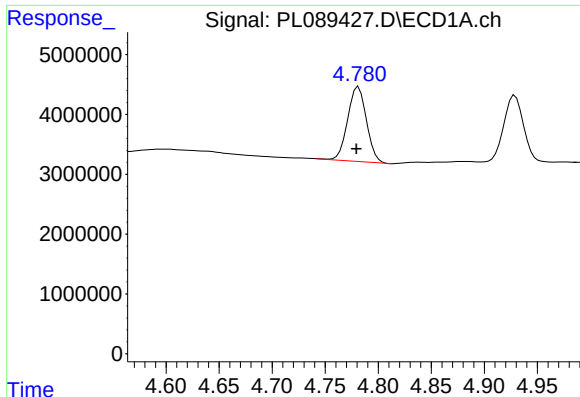
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.002 min
Response: 7389476
Conc: 5.86 ng/ml



#6 beta-BHC

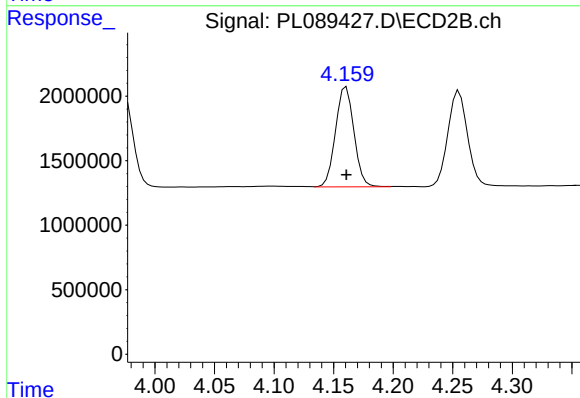
R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 4644625
Conc: 5.69 ng/ml



#7 delta-BHC

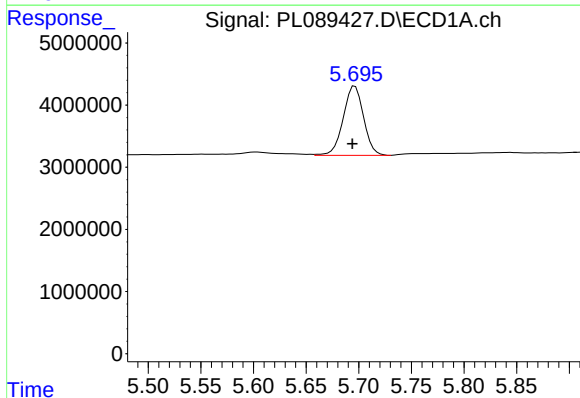
R.T.: 4.781 min
Delta R.T.: 0.002 min
Response: 15395689
Conc: 5.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024



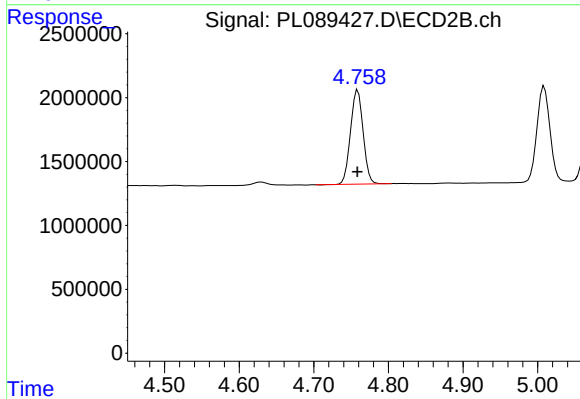
#7 delta-BHC

R.T.: 4.161 min
Delta R.T.: 0.000 min
Response: 8343893
Conc: 4.64 ng/ml



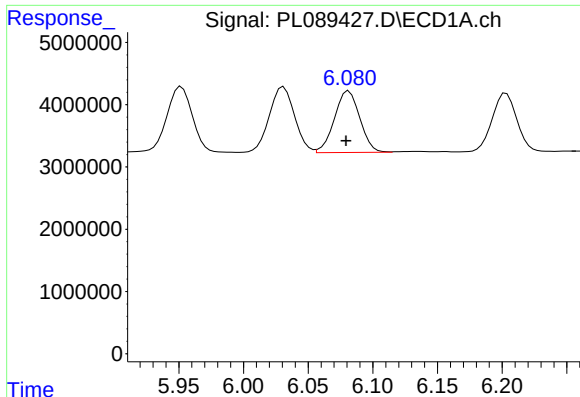
#8 Heptachlor epoxide

R.T.: 5.696 min
Delta R.T.: 0.002 min
Response: 15088528
Conc: 6.43 ng/ml



#8 Heptachlor epoxide

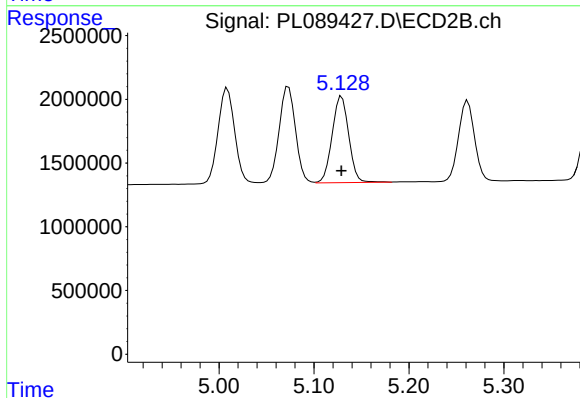
R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 8662191
Conc: 5.36 ng/ml



#9 Endosulfan I

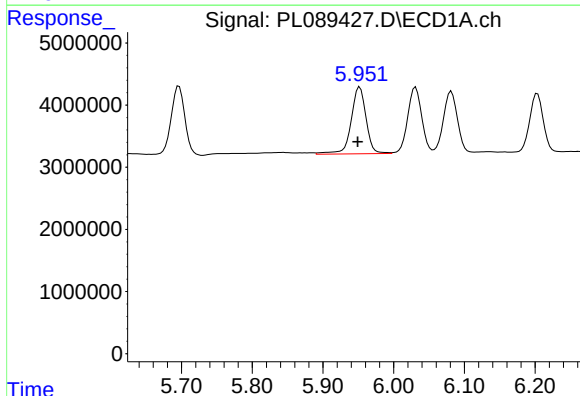
R.T.: 6.082 min
Delta R.T.: 0.002 min
Response: 13516407
Conc: 6.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024



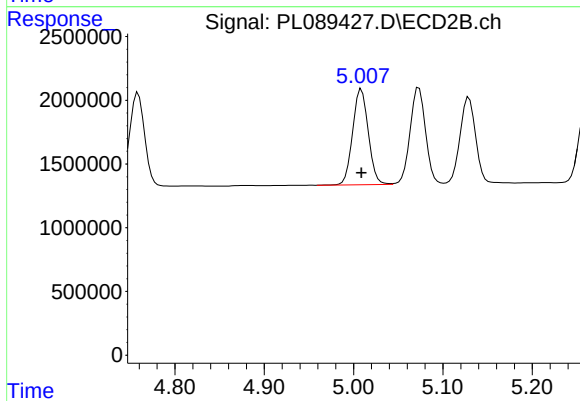
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 8219355
Conc: 5.49 ng/ml



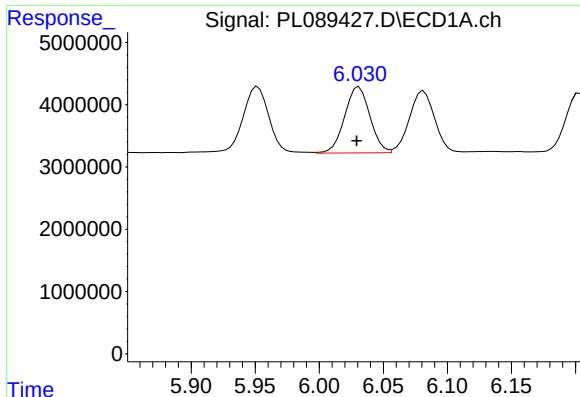
#10 gamma-Chlordane

R.T.: 5.952 min
Delta R.T.: 0.003 min
Response: 15754200
Conc: 6.89 ng/ml



#10 gamma-Chlordane

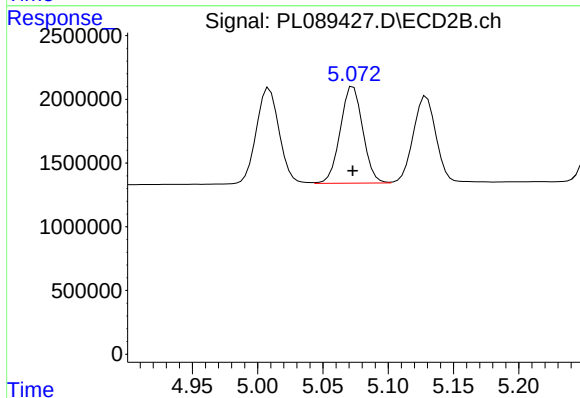
R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 9171102
Conc: 5.59 ng/ml



#11 alpha-Chlordane

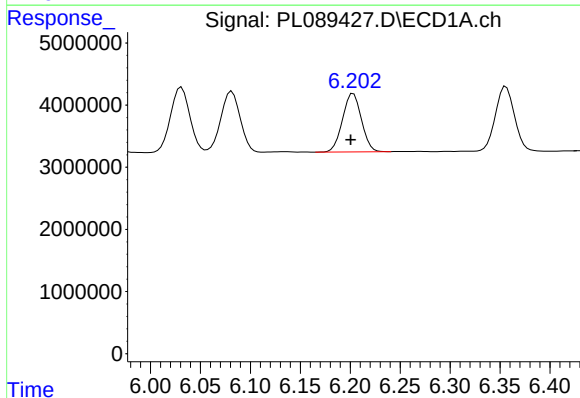
R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 14570006
Conc: 6.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024



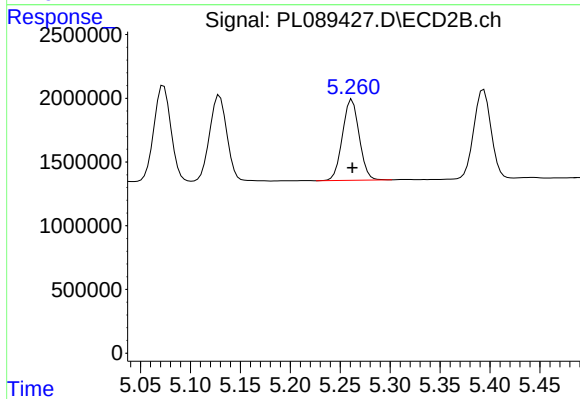
#11 alpha-Chlordane

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 9101693
Conc: 5.52 ng/ml



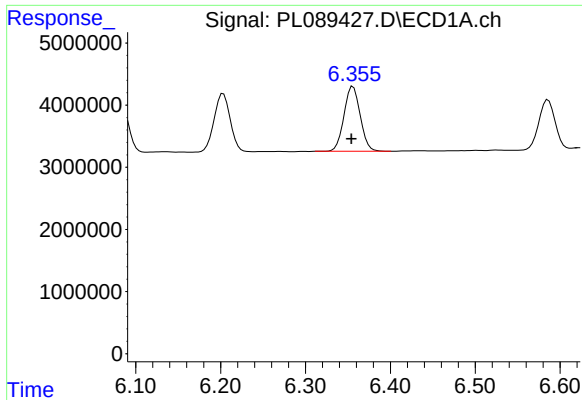
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.003 min
Response: 12396145
Conc: 6.13 ng/ml



#12 4,4'-DDE

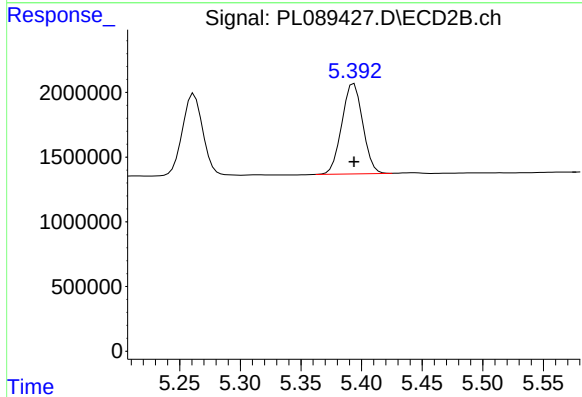
R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 7422203
Conc: 5.10 ng/ml



#13 Dieldrin

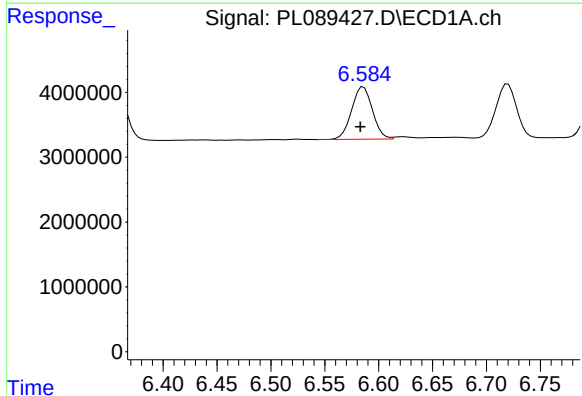
R.T.: 6.356 min
Delta R.T.: 0.002 min
Response: 13849761
Conc: 6.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024



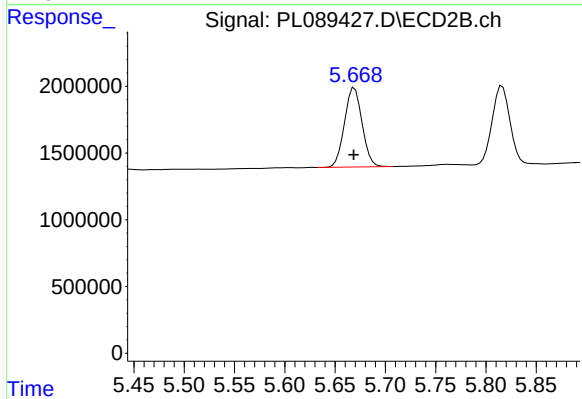
#13 Dieldrin

R.T.: 5.394 min
Delta R.T.: 0.000 min
Response: 8386010
Conc: 5.21 ng/ml



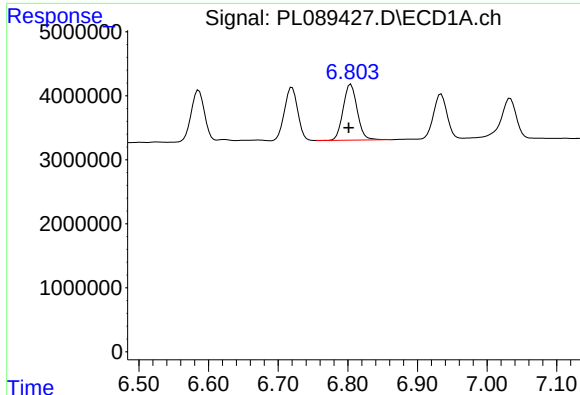
#14 Endrin

R.T.: 6.586 min
Delta R.T.: 0.003 min
Response: 10874149
Conc: 5.74 ng/ml



#14 Endrin

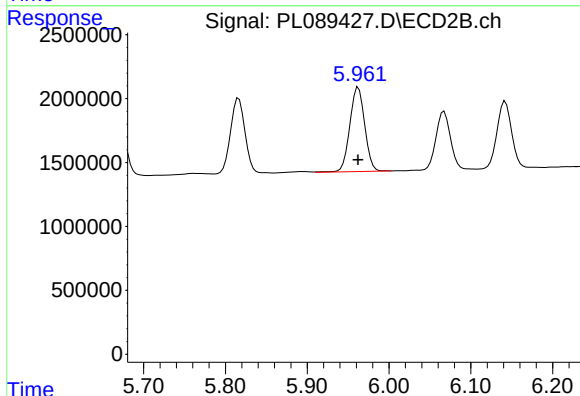
R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 7221636
Conc: 5.02 ng/ml



#15 Endosulfan II

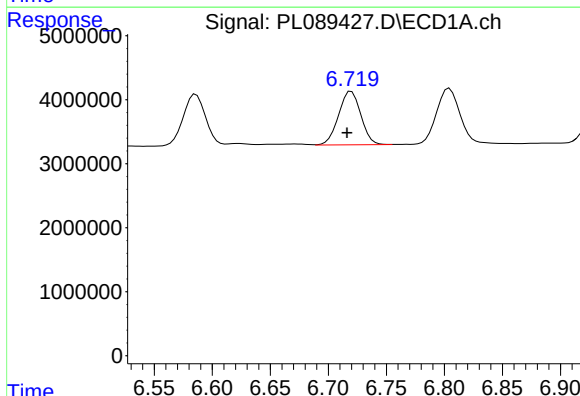
R.T.: 6.804 min
Delta R.T.: 0.003 min
Response: 12312558
Conc: 6.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024



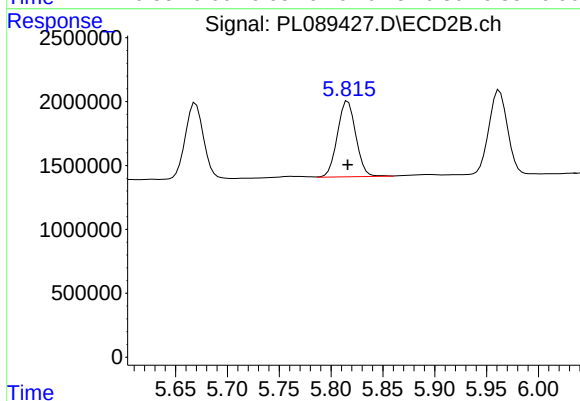
#15 Endosulfan II

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 8323325
Conc: 5.79 ng/ml



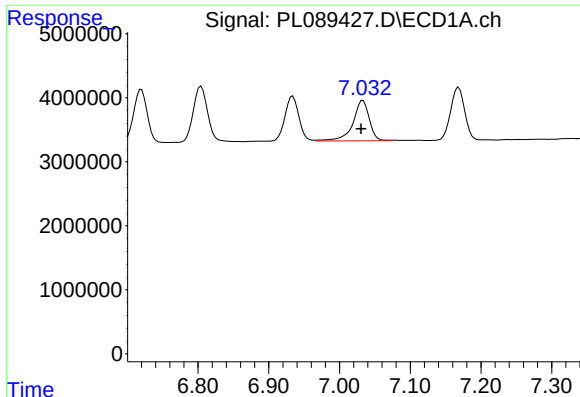
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: 0.004 min
Response: 11137188
Conc: 6.60 ng/ml



#16 4,4'-DDD

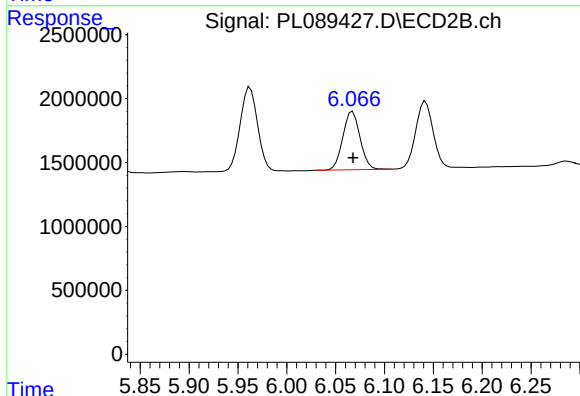
R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 7345169
Conc: 5.96 ng/ml



#17 4,4'-DDT

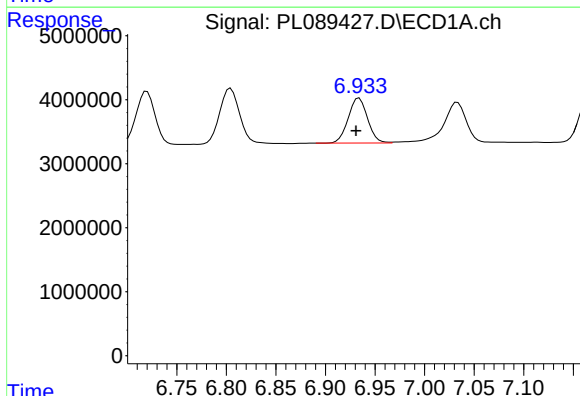
R.T.: 7.033 min
Delta R.T.: 0.003 min
Response: 10156627
Conc: 5.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024



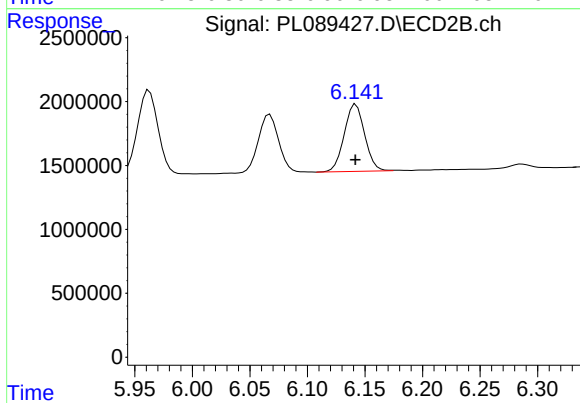
#17 4,4'-DDT

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 5591365
Conc: 4.13 ng/ml



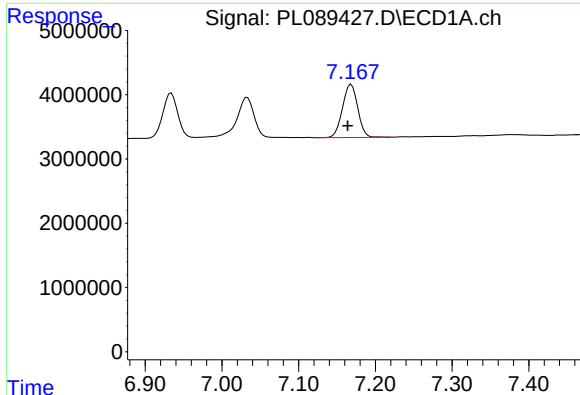
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.003 min
Response: 9542840
Conc: 6.31 ng/ml



#18 Endrin aldehyde

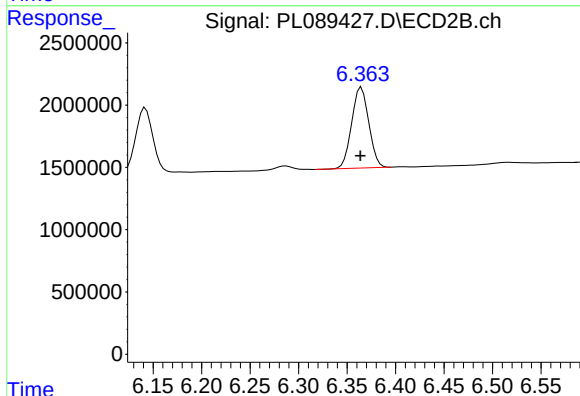
R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 6524676
Conc: 5.87 ng/ml



#19 Endosulfan Sulfate

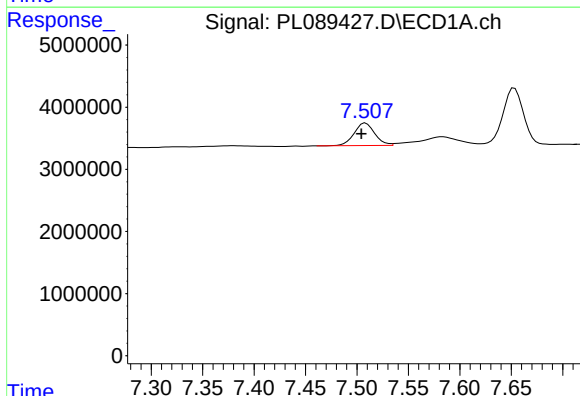
R.T.: 7.169 min
Delta R.T.: 0.004 min
Response: 11451339
Conc: 6.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024



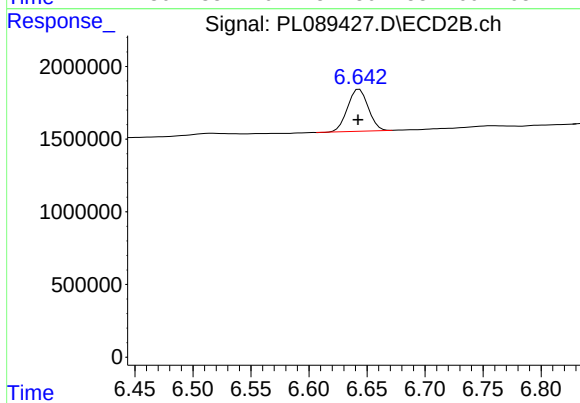
#19 Endosulfan Sulfate

R.T.: 6.365 min
Delta R.T.: 0.000 min
Response: 7961079
Conc: 5.74 ng/ml



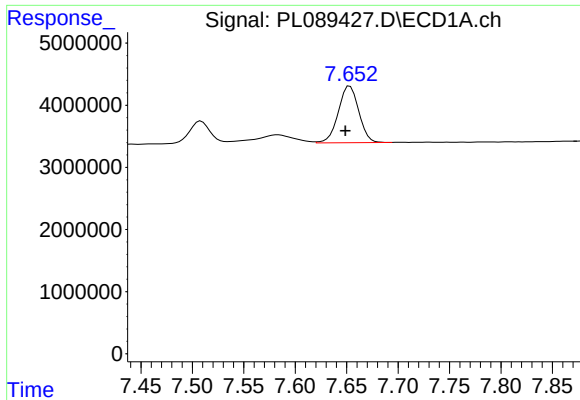
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.004 min
Response: 5082950
Conc: 5.17 ng/ml



#20 Methoxychlor

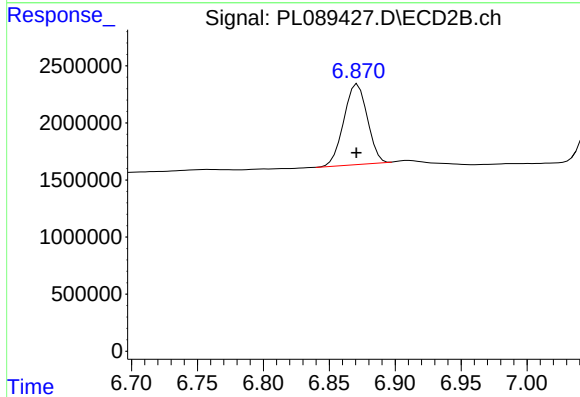
R.T.: 6.644 min
Delta R.T.: 0.001 min
Response: 3577114
Conc: 4.47 ng/ml



#21 Endrin ketone

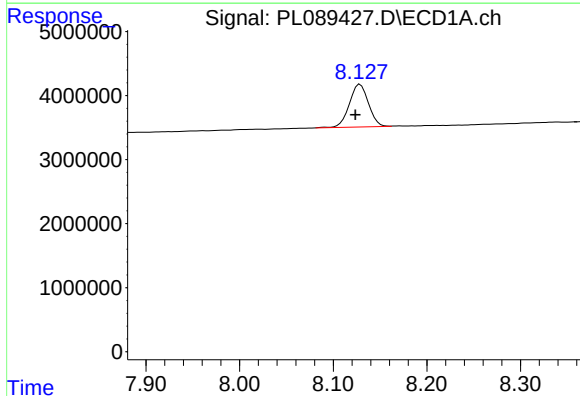
R.T.: 7.653 min
Delta R.T.: 0.004 min
Response: 12665951
Conc: 6.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024



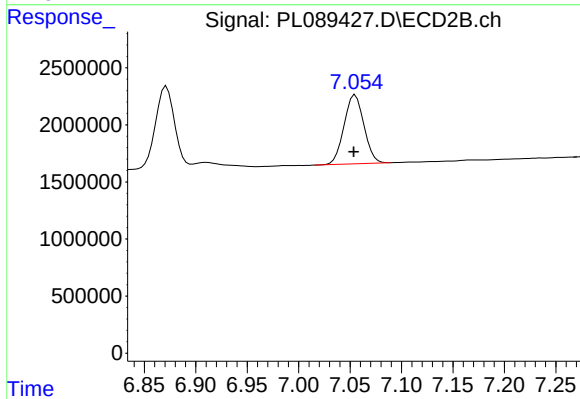
#21 Endrin ketone

R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 8726721
Conc: 5.46 ng/ml



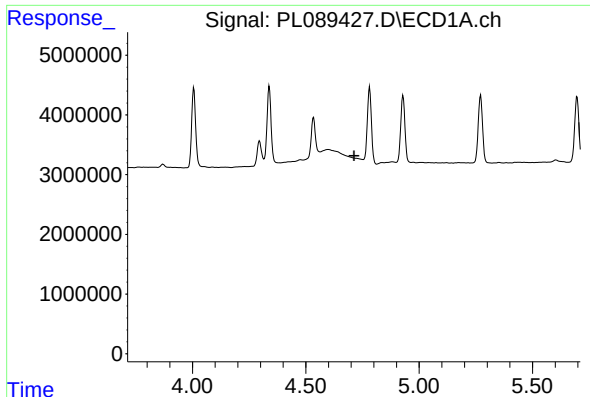
#22 Mirex

R.T.: 8.129 min
Delta R.T.: 0.005 min
Response: 9473546
Conc: 6.10 ng/ml



#22 Mirex

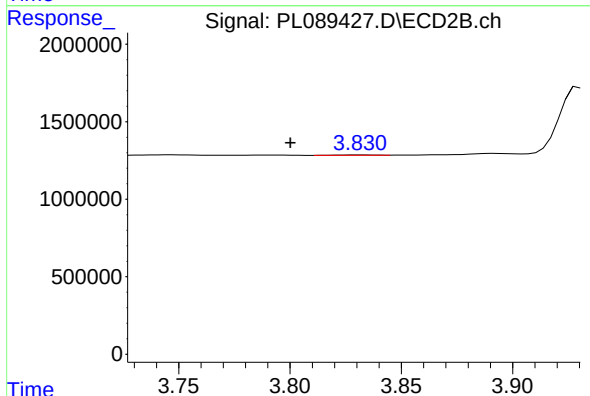
R.T.: 7.055 min
Delta R.T.: 0.001 min
Response: 8111993
Conc: 5.95 ng/ml



#23 Chlordane-1

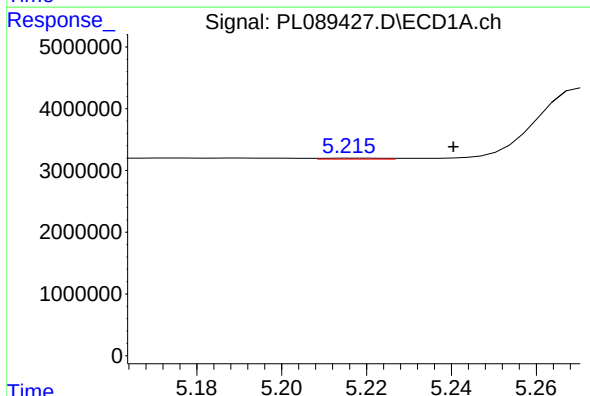
R.T.: 0.000 min
Exp R.T.: 4.713 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024



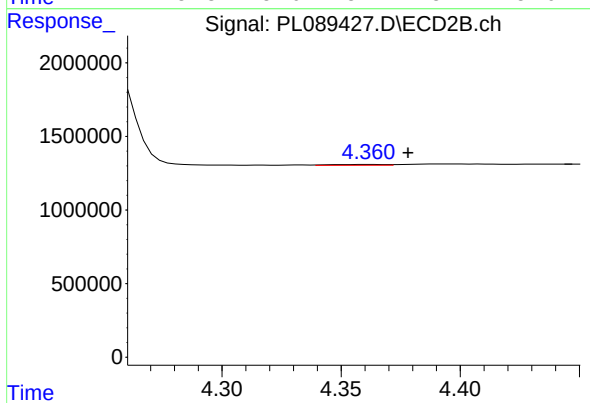
#23 Chlordane-1

R.T.: 3.832 min
Delta R.T.: 0.031 min
Response: 20653
Conc: 0.42 ng/ml



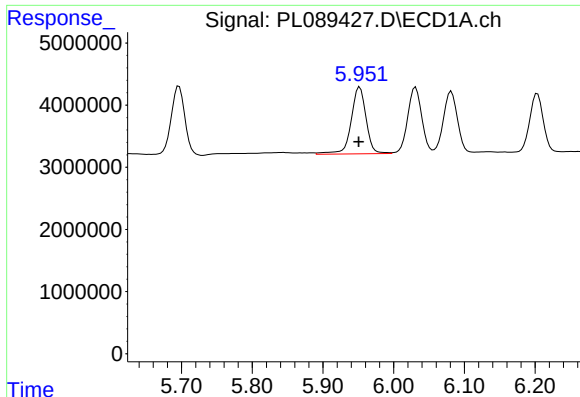
#24 Chlordane-2

R.T.: 5.217 min
Delta R.T.: -0.023 min
Response: 150291
Conc: 1.43 ng/ml



#24 Chlordane-2

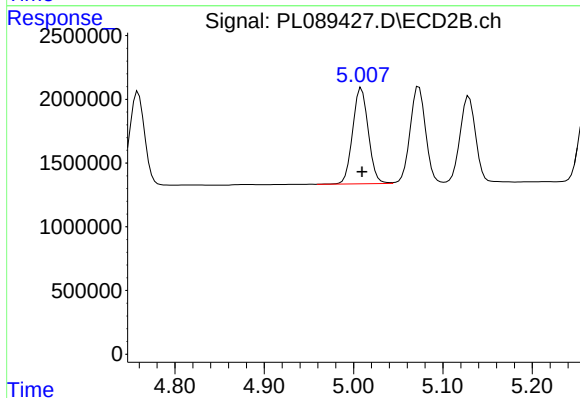
R.T.: 4.362 min
Delta R.T.: -0.016 min
Response: 91660
Conc: 1.44 ng/ml



#25 Chlordane-3

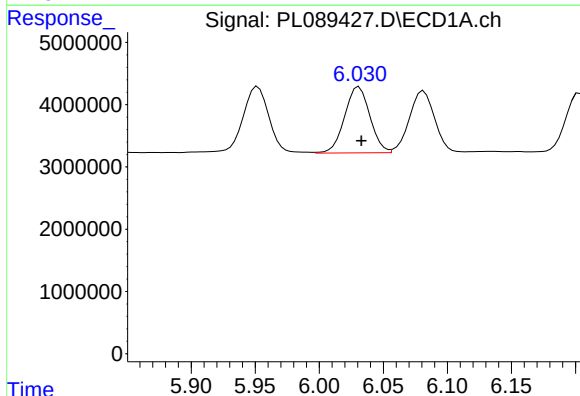
R.T.: 5.952 min
Delta R.T.: 0.001 min
Response: 15754200
Conc: 47.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024



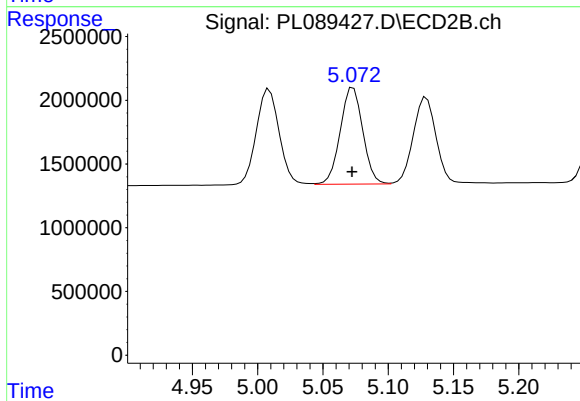
#25 Chlordane-3

R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 9171102
Conc: 53.56 ng/ml



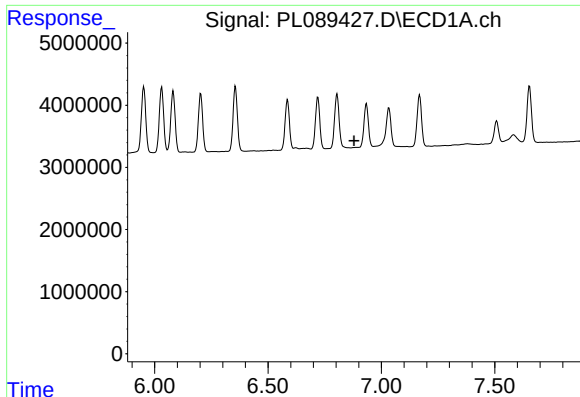
#26 Chlordane-4

R.T.: 6.031 min
Delta R.T.: -0.002 min
Response: 14570006
Conc: 35.74 ng/ml



#26 Chlordane-4

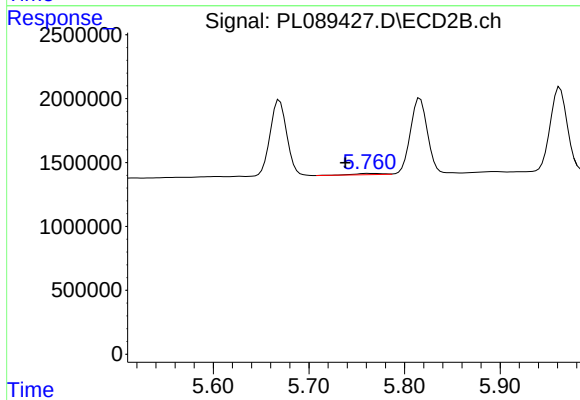
R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 9101693
Conc: 56.59 ng/ml



#27 Chlordane-5

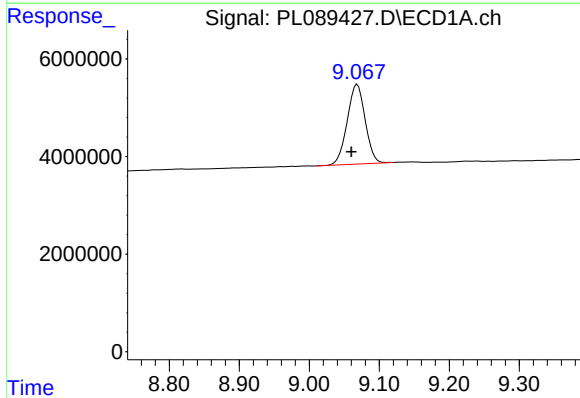
R.T.: 0.000 min
Exp R.T.: 6.880 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024



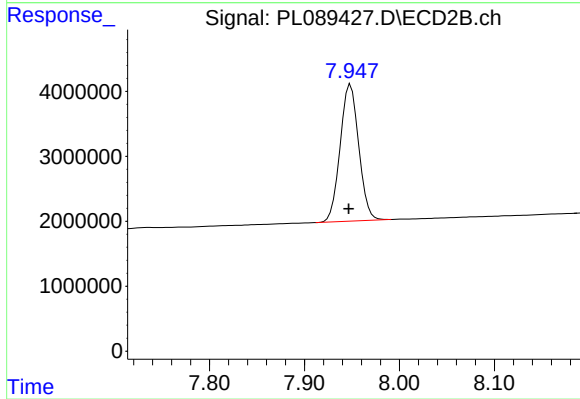
#27 Chlordane-5

R.T.: 5.763 min
Delta R.T.: 0.024 min
Response: 193389
Conc: 3.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: 0.008 min
Response: 29017963
Conc: 20.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.002 min
Response: 28711345
Conc: 21.34 ng/ml