

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121625\
 Data File : PL097891.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Dec 2025 17:53
 Operator : AR\AJ
 Sample : Q3530-08
 Misc : PEST LOQ 5PPB
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/17/2025
 Supervised By :Yogesh Patel 12/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 17 00:49:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120925.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 09 14:16:16 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.497	2.799	111.5E6	159.4E6	22.083	22.824
28)	SA Decachlor...	8.952	7.947	85341197	148.3E6	22.461m	22.553
Target Compounds							
2)	A alpha-BHC	3.943	3.301	39090319	52369520	4.622	4.564
3)	MA gamma-BHC...	4.270	3.631	38012354	50341888	4.742	4.680
4)	MA Heptachlor	4.858	3.976	37297758	45871036	4.684m	4.413m
5)	MB Aldrin	5.198	4.258	35995533	49770673	4.969	5.033
6)	B beta-BHC	4.460	3.926	17187191	23390060	5.133	5.045m
7)	B delta-BHC	4.703	4.159	36416462	49160666	4.702m	4.600
8)	B Heptachlo...	5.616	4.759	35714863	46400829	5.368m	5.153
9)	A Endosulfan I	5.999	5.128	30442716	57528748	5.171	5.647m
10)	B gamma-Chl...	5.872	5.009	33030183	59057040	5.088	5.798m
11)	B alpha-Chl...	5.952	5.073	33746862	47165487	5.197	4.599m
12)	B 4,4'-DDE	6.121	5.263	27411925	42245243	4.667m	4.795
13)	MA Dieldrin	6.270	5.393	30225642	46253932	4.926	4.936
14)	MA Endrin	6.497	5.667	22560611	37493791	4.356	4.487
15)	B Endosulfa...	6.711	5.958	26276167	42262559	5.142m	5.106m
16)	A 4,4'-DDD	6.632	5.815	24789649	39369613	5.352	5.249
17)	MA 4,4'-DDT	6.946	6.067	17981223	24009435	3.754	3.130
18)	B Endrin al...	6.840	6.138	22454652	34166785	5.699	5.351
19)	B Endosulfa...	7.072	6.361	25871656	42299303	5.219m	5.196
20)	A Methoxychlor	7.418	6.639	9893069	14722928	3.931	3.523
21)	B Endrin ke...	7.552	6.864	25978747	48239615	4.999	5.407
22)	Mirex	8.028	7.052	19689869	36512745	5.709	5.656

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121625\
Data File : PL097891.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Dec 2025 17:53
Operator : AR\AJ
Sample : Q3530-08
Misc : PEST LOQ 5PPB
ALS Vial : 21 Sample Multiplier: 1

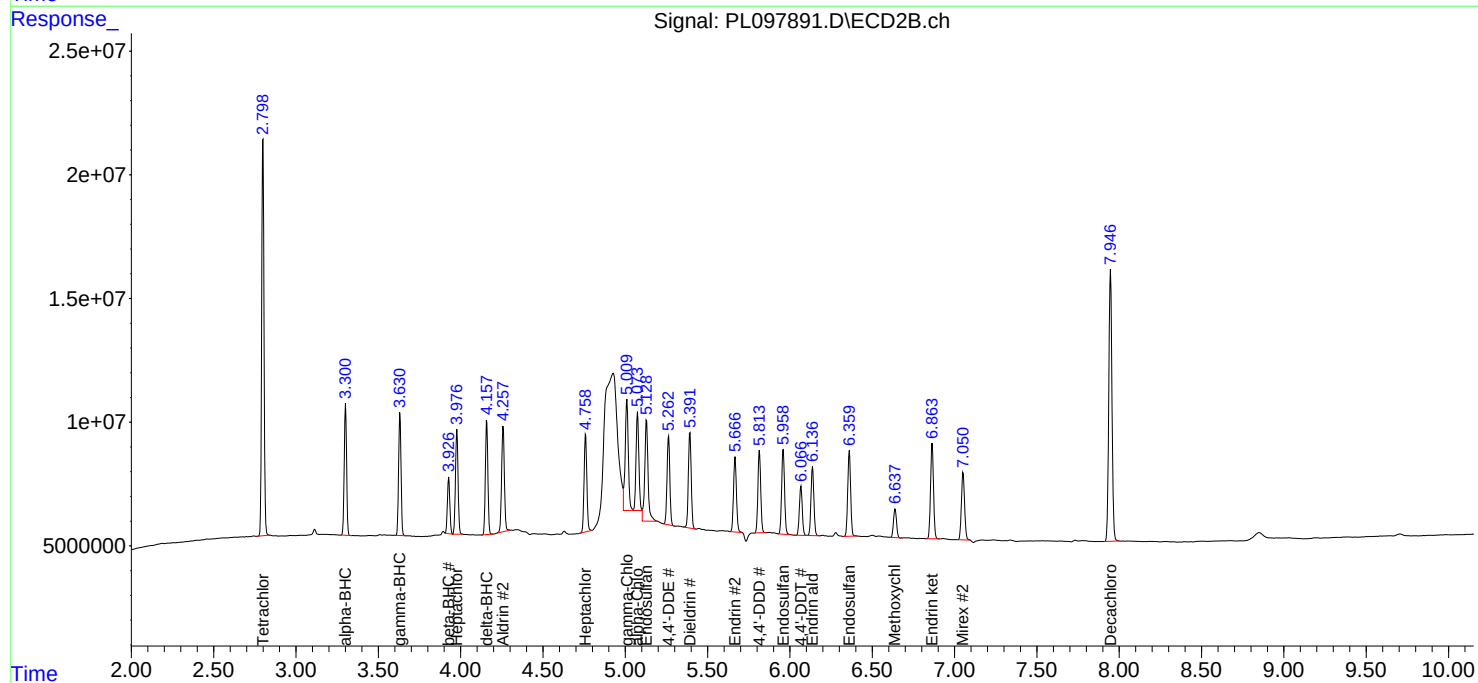
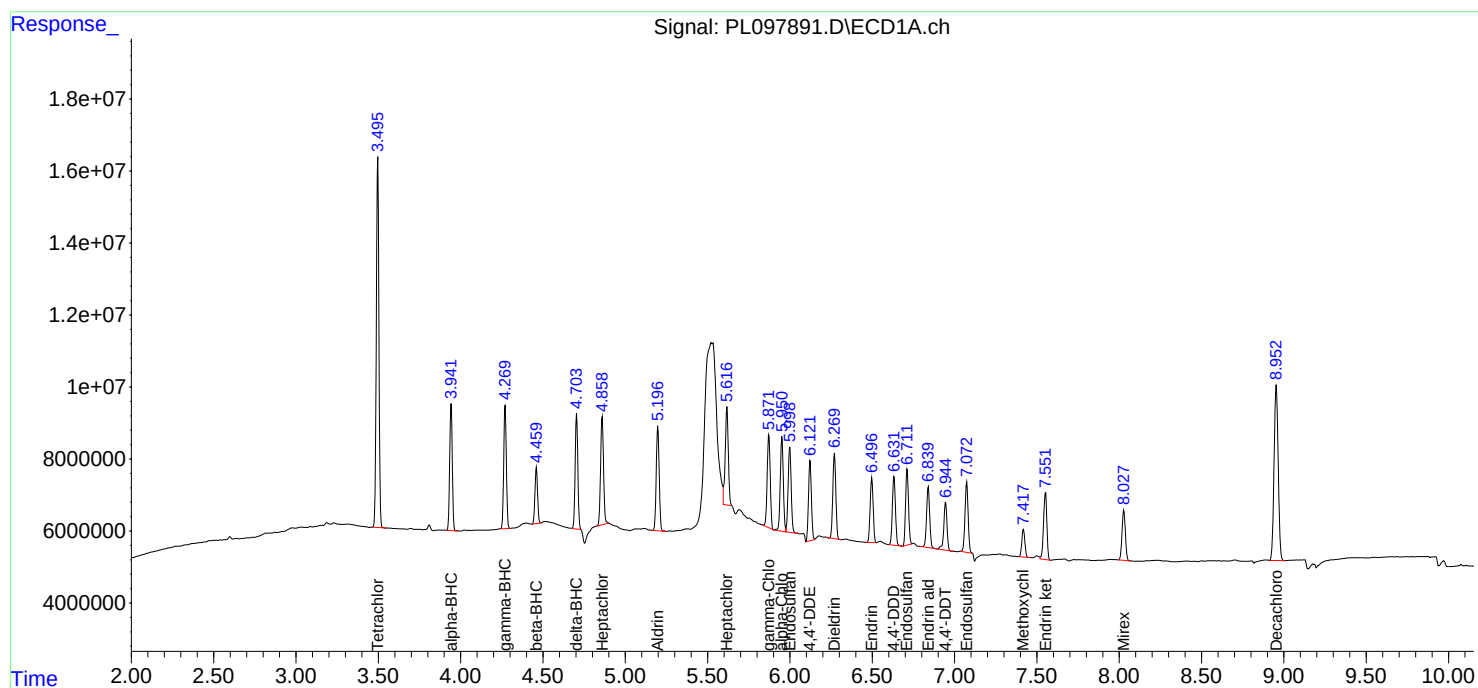
Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2025

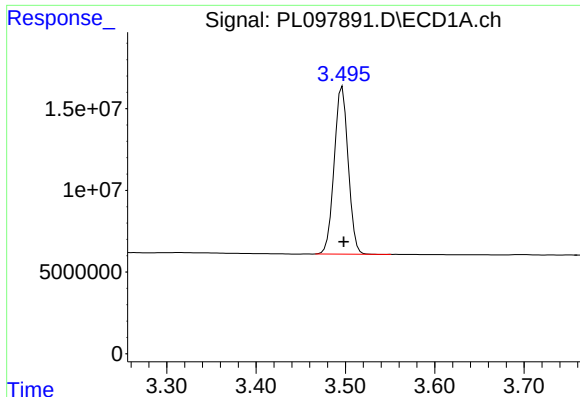
Manual Integrations
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Supervised By :Yogesh Patel 12/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 17 00:49:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120925.M
Quant Title : GC Extractables
QLast Update : Tue Dec 09 14:16:16 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





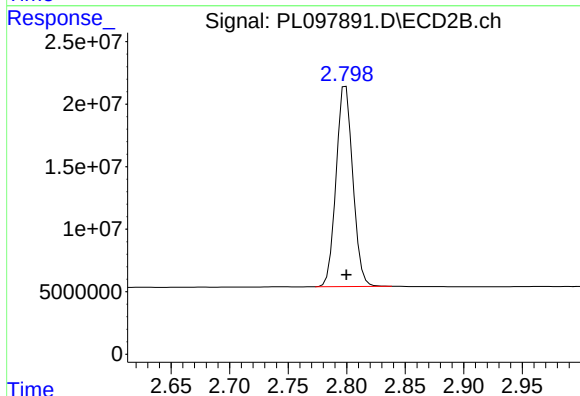
#1 Tetrachloro-m-xylene

R.T.: 3.497 min
Delta R.T.: -0.001 min
Response: 111453354
Conc: 22.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2025

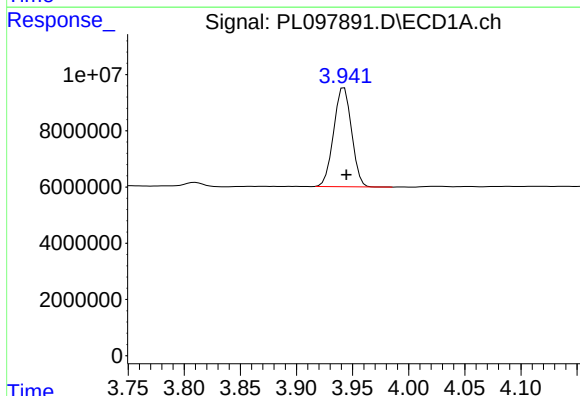
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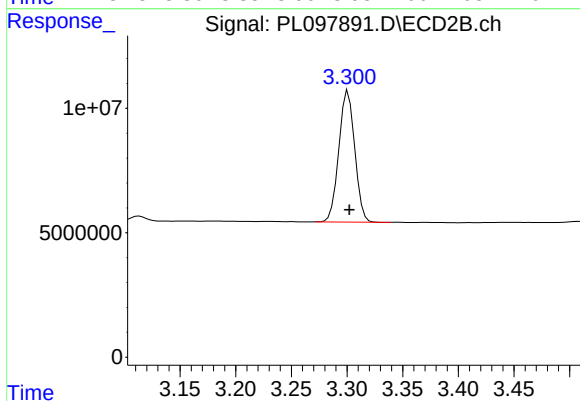
#1 Tetrachloro-m-xylene

R.T.: 2.799 min
Delta R.T.: 0.000 min
Response: 159431634
Conc: 22.82 ng/ml



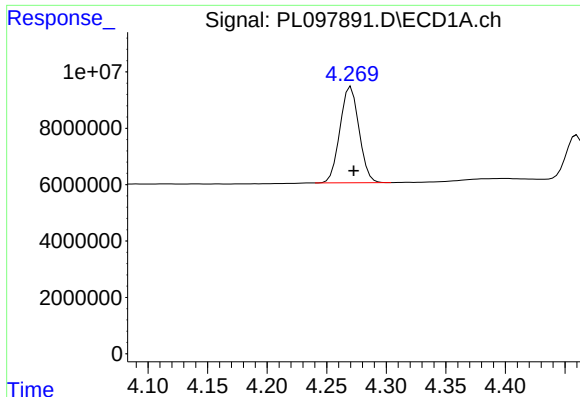
#2 alpha-BHC

R.T.: 3.943 min
Delta R.T.: -0.002 min
Response: 39090319
Conc: 4.62 ng/ml



#2 alpha-BHC

R.T.: 3.301 min
Delta R.T.: -0.001 min
Response: 52369520
Conc: 4.56 ng/ml



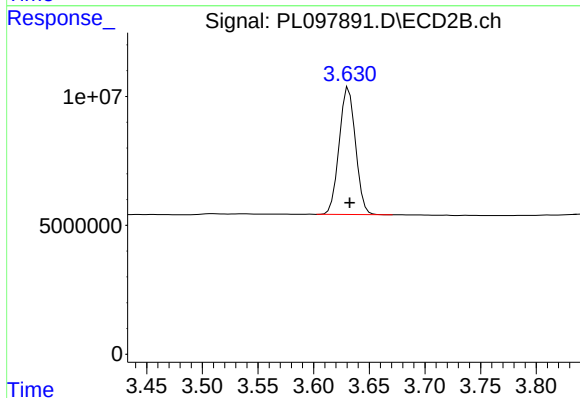
#3 gamma-BHC (Lindane)

R.T.: 4.270 min
Delta R.T.: -0.002 min
Response: 38012354
Conc: 4.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2025

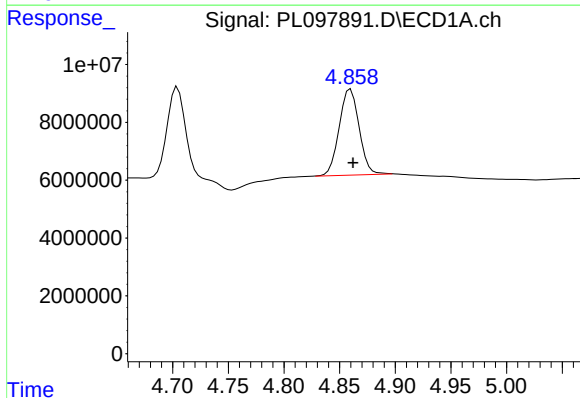
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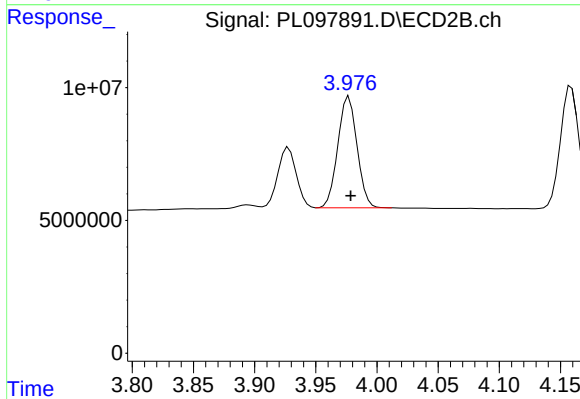
#3 gamma-BHC (Lindane)

R.T.: 3.631 min
Delta R.T.: -0.001 min
Response: 50341888
Conc: 4.68 ng/ml



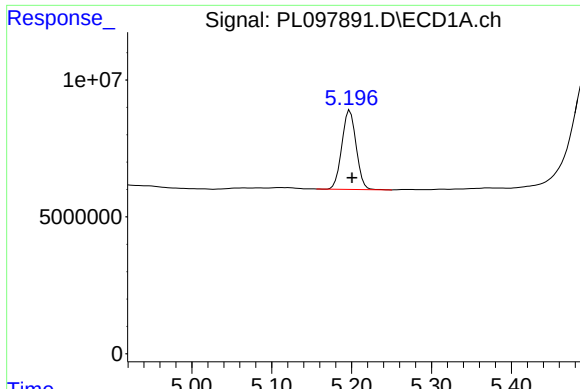
#4 Heptachlor

R.T.: 4.858 min
Delta R.T.: -0.004 min
Response: 37297758
Conc: 4.68 ng/ml m



#4 Heptachlor

R.T.: 3.976 min
Delta R.T.: -0.003 min
Response: 45871036
Conc: 4.41 ng/ml m



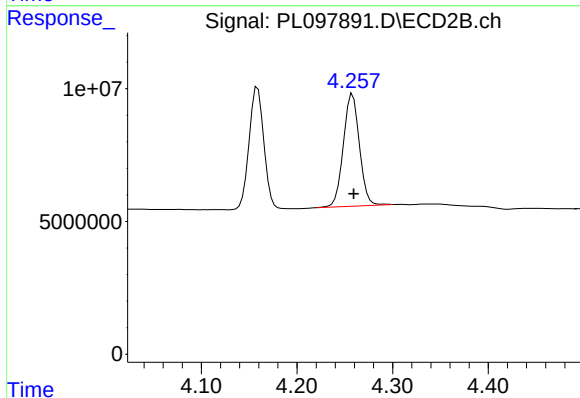
#5 Aldrin

R.T.: 5.198 min
Delta R.T.: -0.003 min
Response: 35995533
Conc: 4.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2025

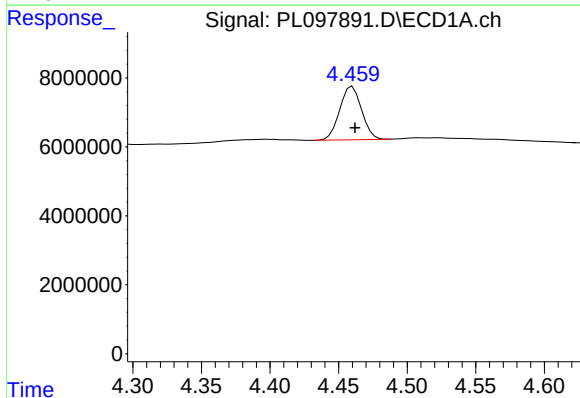
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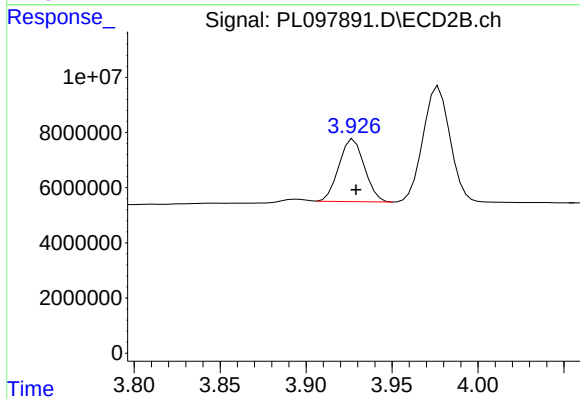
#5 Aldrin

R.T.: 4.258 min
Delta R.T.: -0.002 min
Response: 49770673
Conc: 5.03 ng/ml



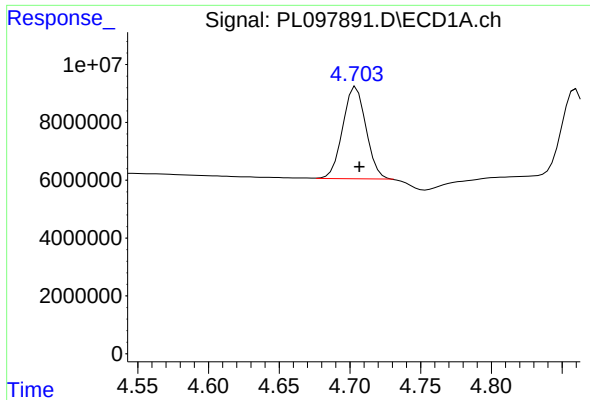
#6 beta-BHC

R.T.: 4.460 min
Delta R.T.: -0.002 min
Response: 17187191
Conc: 5.13 ng/ml



#6 beta-BHC

R.T.: 3.926 min
Delta R.T.: -0.003 min
Response: 23390060
Conc: 5.04 ng/ml m



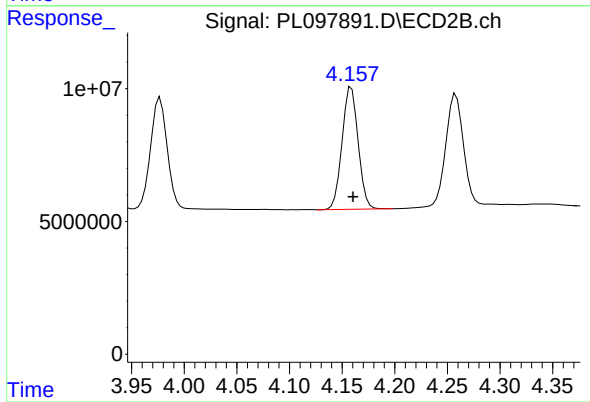
#7 delta-BHC

R.T.: 4.703 min
Delta R.T.: -0.004 min
Response: 36416462
Conc: 4.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2025

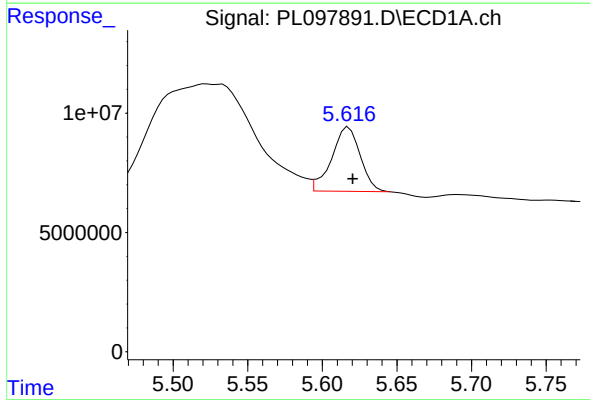
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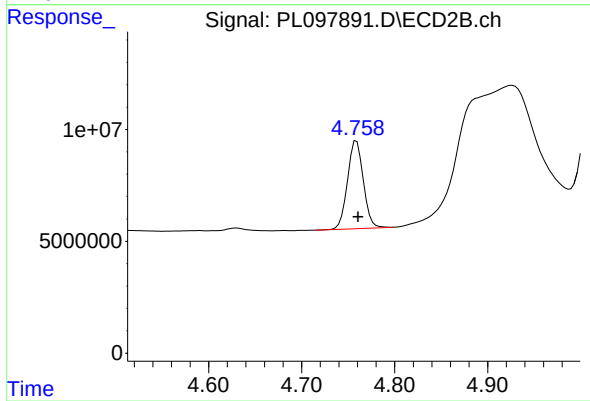
#7 delta-BHC

R.T.: 4.159 min
Delta R.T.: -0.001 min
Response: 49160666
Conc: 4.60 ng/ml



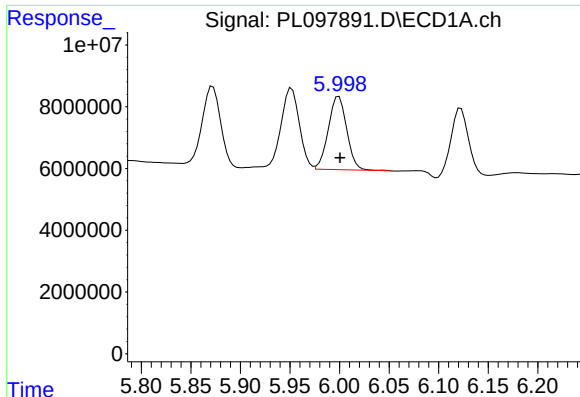
#8 Heptachlor epoxide

R.T.: 5.616 min
Delta R.T.: -0.004 min
Response: 35714863
Conc: 5.37 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.759 min
Delta R.T.: -0.002 min
Response: 46400829
Conc: 5.15 ng/ml



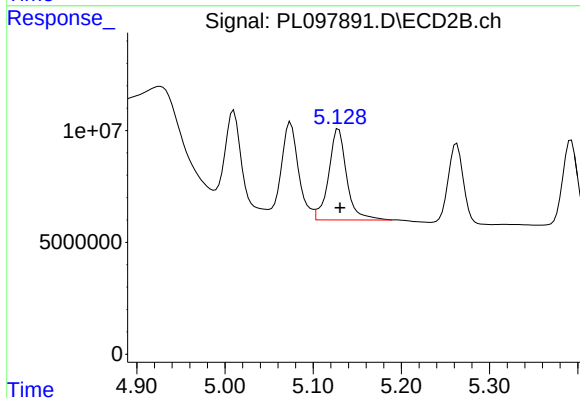
#9 Endosulfan I

R.T.: 5.999 min
Delta R.T.: -0.001 min
Response: 30442716
Conc: 5.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2025

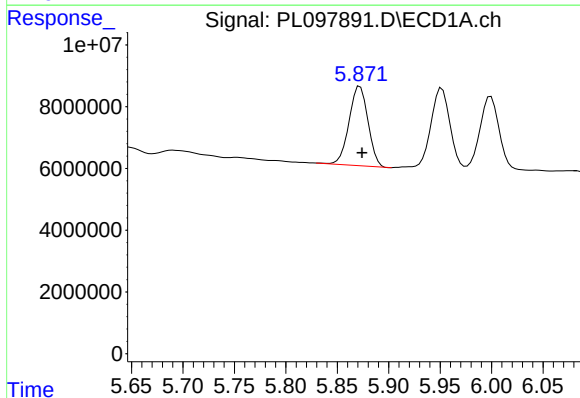
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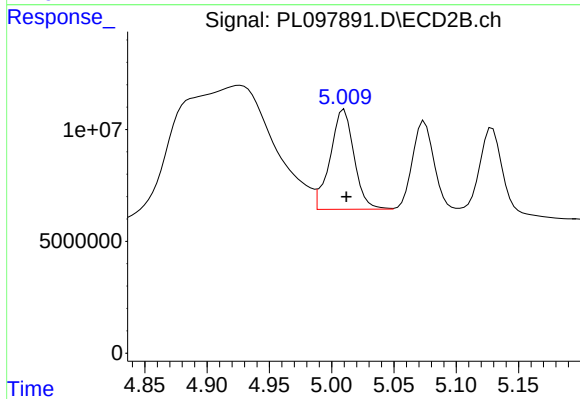
#9 Endosulfan I

R.T.: 5.128 min
Delta R.T.: -0.003 min
Response: 57528748
Conc: 5.65 ng/ml m



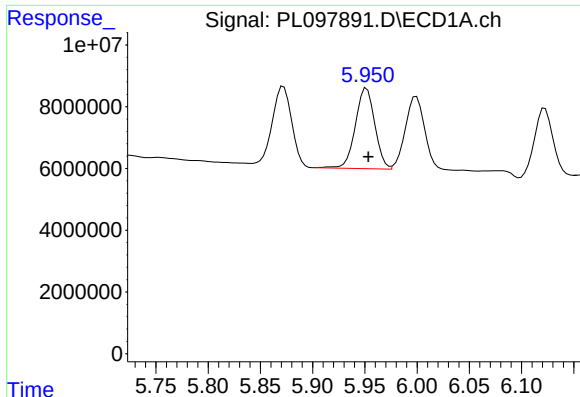
#10 gamma-Chlordane

R.T.: 5.872 min
Delta R.T.: -0.002 min
Response: 33030183
Conc: 5.09 ng/ml



#10 gamma-Chlordane

R.T.: 5.009 min
Delta R.T.: -0.003 min
Response: 59057040
Conc: 5.80 ng/ml m



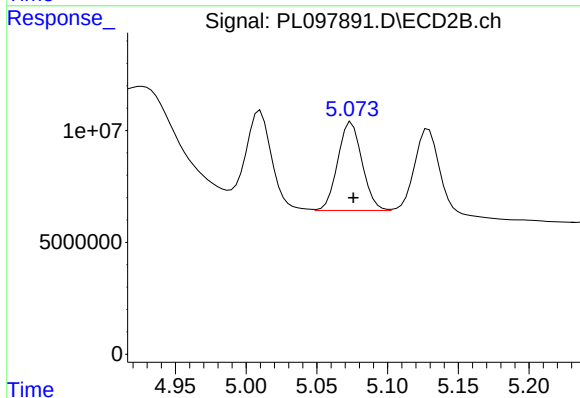
#11 alpha-Chlordane

R.T.: 5.952 min
Delta R.T.: -0.002 min
Response: 33746862
Conc: 5.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2025

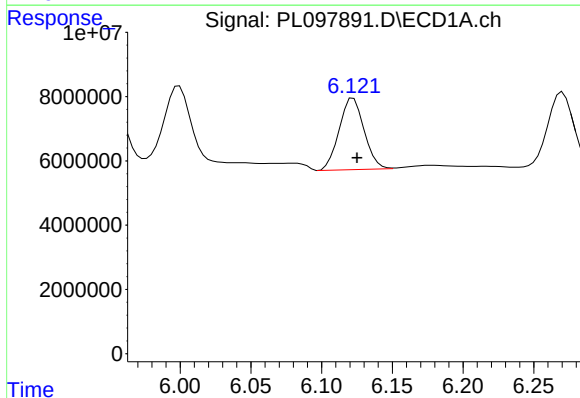
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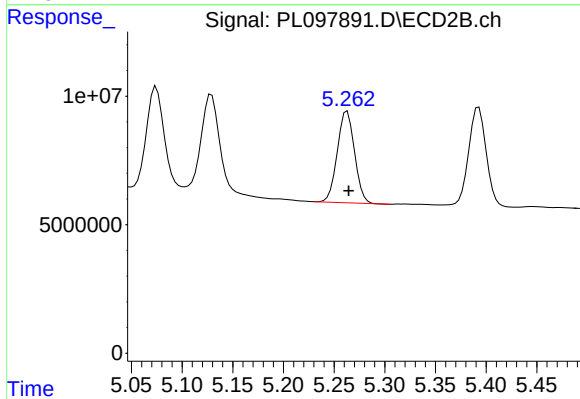
#11 alpha-Chlordane

R.T.: 5.073 min
Delta R.T.: -0.003 min
Response: 47165487
Conc: 4.60 ng/ml m



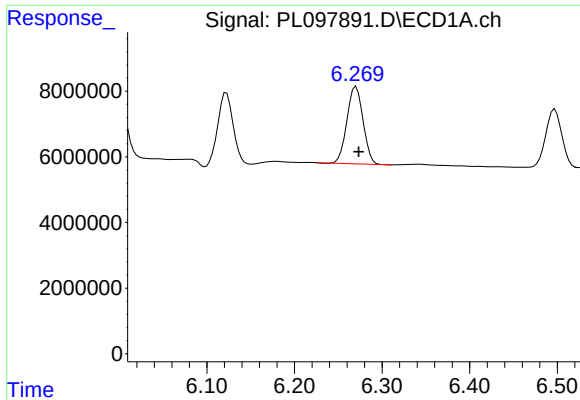
#12 4,4'-DDE

R.T.: 6.121 min
Delta R.T.: -0.004 min
Response: 27411925
Conc: 4.67 ng/ml m



#12 4,4'-DDE

R.T.: 5.263 min
Delta R.T.: -0.001 min
Response: 42245243
Conc: 4.79 ng/ml



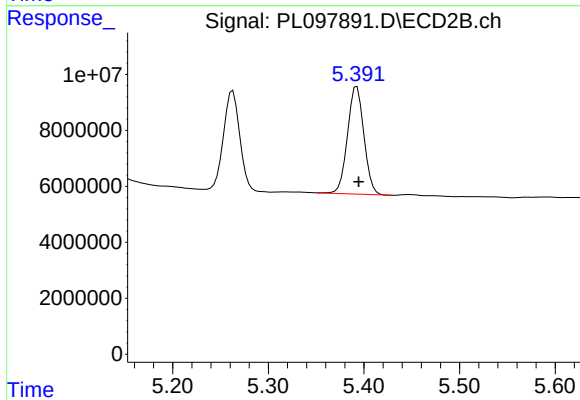
#13 Dieldrin

R.T.: 6.270 min
Delta R.T.: -0.003 min
Response: 30225642
Conc: 4.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2025

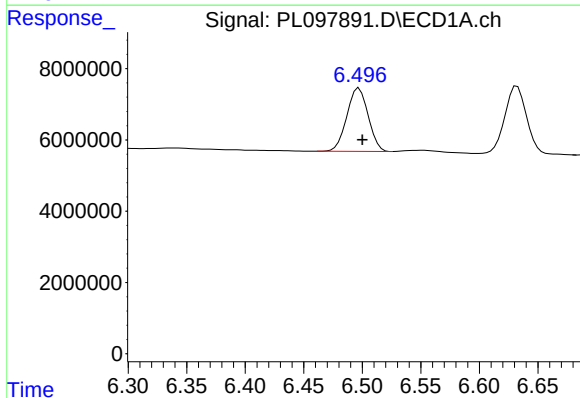
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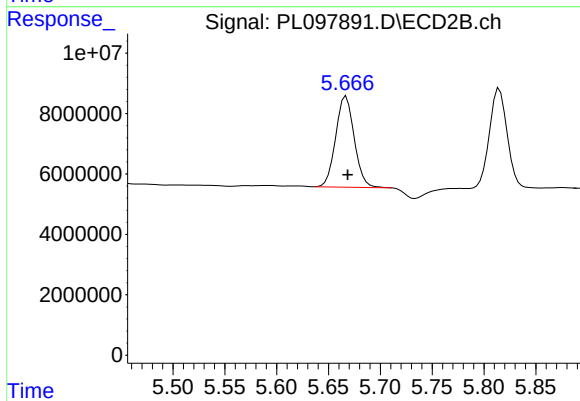
#13 Dieldrin

R.T.: 5.393 min
Delta R.T.: -0.002 min
Response: 46253932
Conc: 4.94 ng/ml



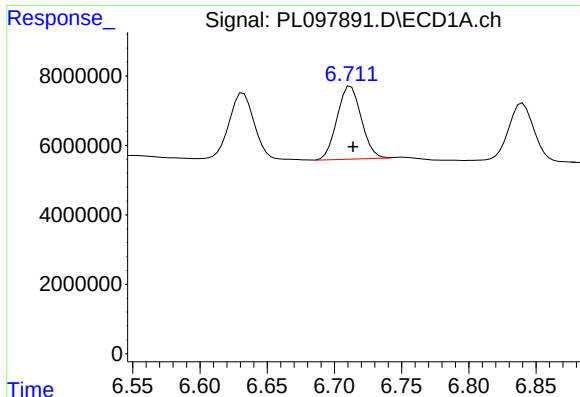
#14 Endrin

R.T.: 6.497 min
Delta R.T.: -0.003 min
Response: 22560611
Conc: 4.36 ng/ml



#14 Endrin

R.T.: 5.667 min
Delta R.T.: -0.001 min
Response: 37493791
Conc: 4.49 ng/ml



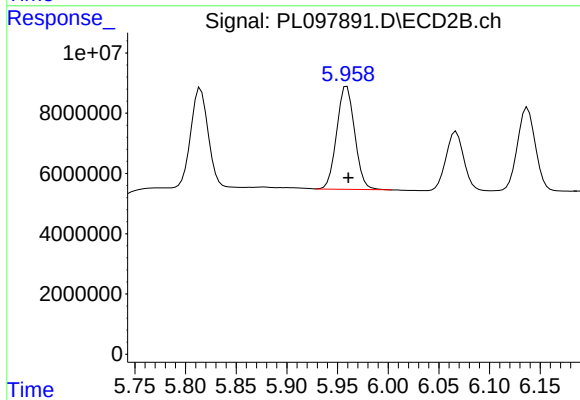
#15 Endosulfan II

R.T.: 6.711 min
Delta R.T.: -0.003 min
Response: 26276167
Conc: 5.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2025

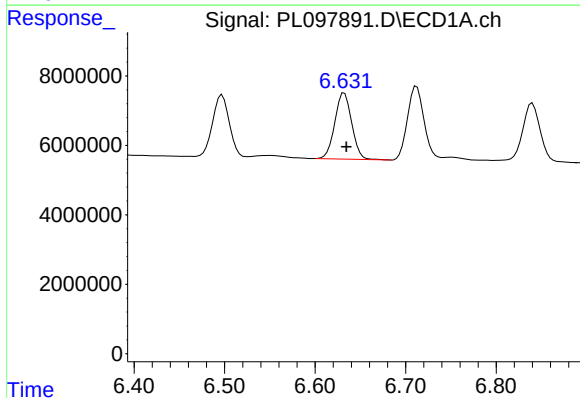
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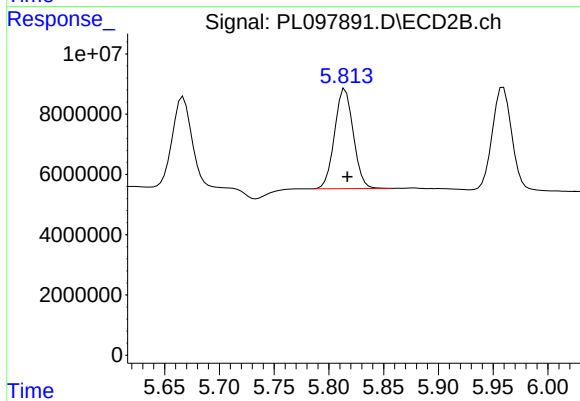
#15 Endosulfan II

R.T.: 5.958 min
Delta R.T.: -0.003 min
Response: 42262559
Conc: 5.11 ng/ml m



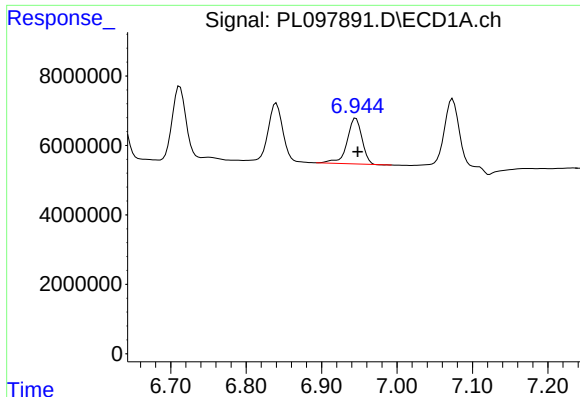
#16 4,4'-DDD

R.T.: 6.632 min
Delta R.T.: -0.002 min
Response: 24789649
Conc: 5.35 ng/ml



#16 4,4'-DDD

R.T.: 5.815 min
Delta R.T.: -0.002 min
Response: 39369613
Conc: 5.25 ng/ml



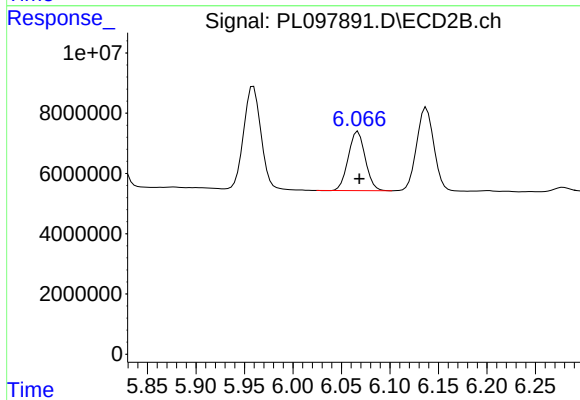
#17 4,4'-DDT

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 17981223
Conc: 3.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2025

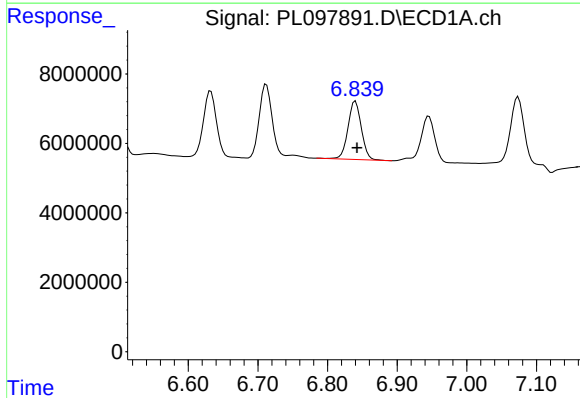
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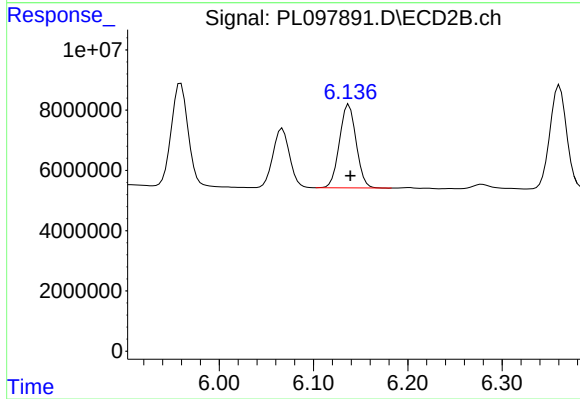
#17 4,4'-DDT

R.T.: 6.067 min
Delta R.T.: -0.002 min
Response: 24009435
Conc: 3.13 ng/ml



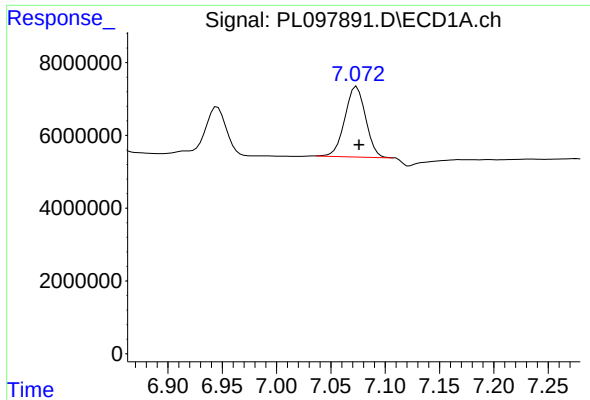
#18 Endrin aldehyde

R.T.: 6.840 min
Delta R.T.: -0.003 min
Response: 22454652
Conc: 5.70 ng/ml



#18 Endrin aldehyde

R.T.: 6.138 min
Delta R.T.: -0.001 min
Response: 34166785
Conc: 5.35 ng/ml



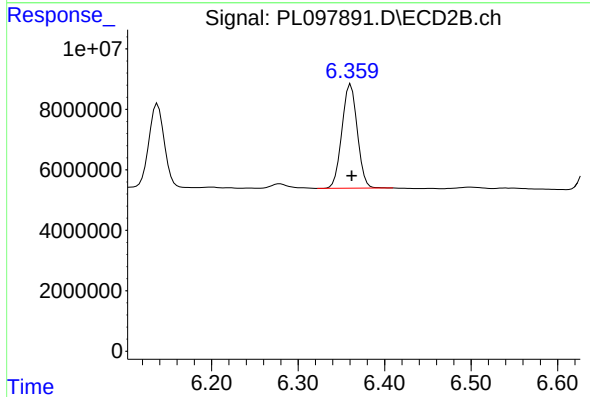
#19 Endosulfan Sulfate

R.T.: 7.072 min
Delta R.T.: -0.003 min
Response: 25871656
Conc: 5.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2025

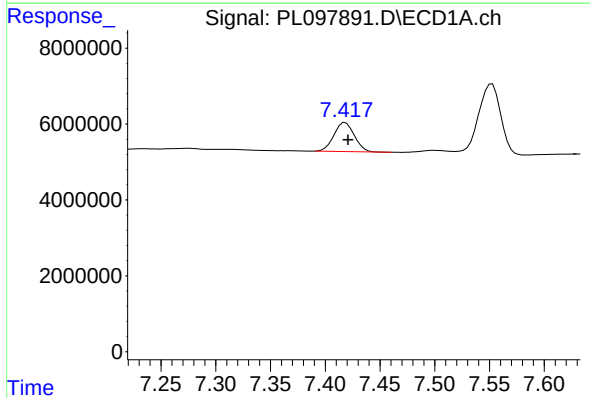
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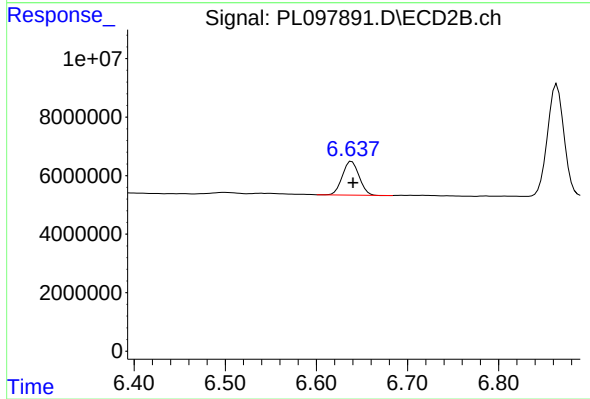
#19 Endosulfan Sulfate

R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 42299303
Conc: 5.20 ng/ml



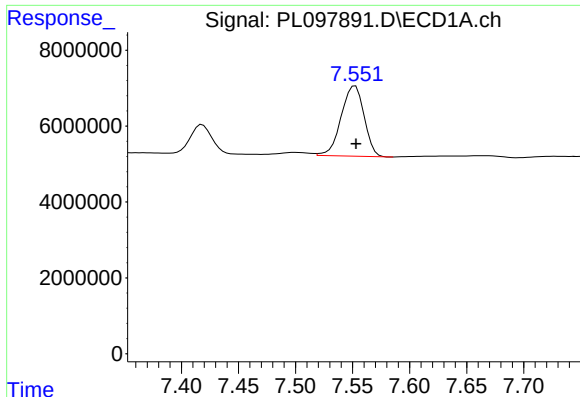
#20 Methoxychlor

R.T.: 7.418 min
Delta R.T.: -0.002 min
Response: 9893069
Conc: 3.93 ng/ml



#20 Methoxychlor

R.T.: 6.639 min
Delta R.T.: -0.001 min
Response: 14722928
Conc: 3.52 ng/ml



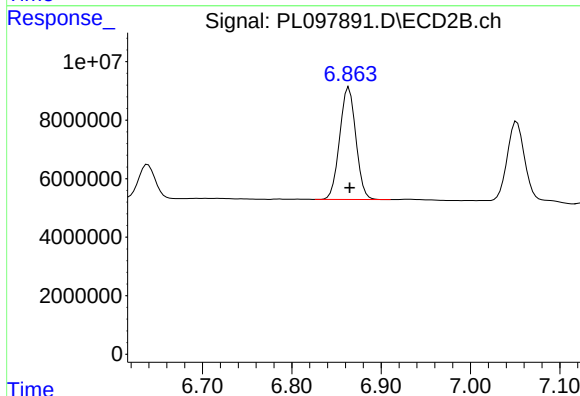
#21 Endrin ketone

R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 25978747
Conc: 5.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2025

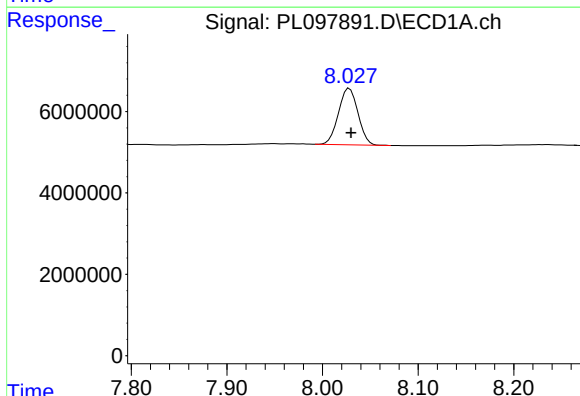
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/17/2025
Supervised By :Yogesh Patel 12/17/2025



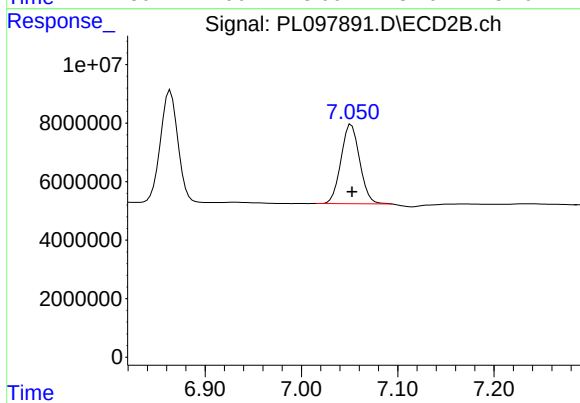
#21 Endrin ketone

R.T.: 6.864 min
Delta R.T.: 0.000 min
Response: 48239615
Conc: 5.41 ng/ml



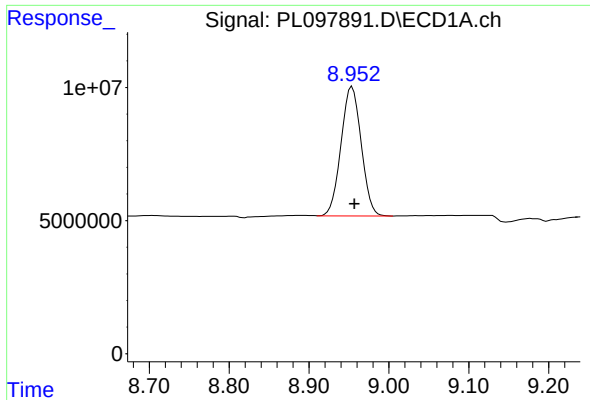
#22 Mirex

R.T.: 8.028 min
Delta R.T.: -0.002 min
Response: 19689869
Conc: 5.71 ng/ml



#22 Mirex

R.T.: 7.052 min
Delta R.T.: 0.000 min
Response: 36512745
Conc: 5.66 ng/ml



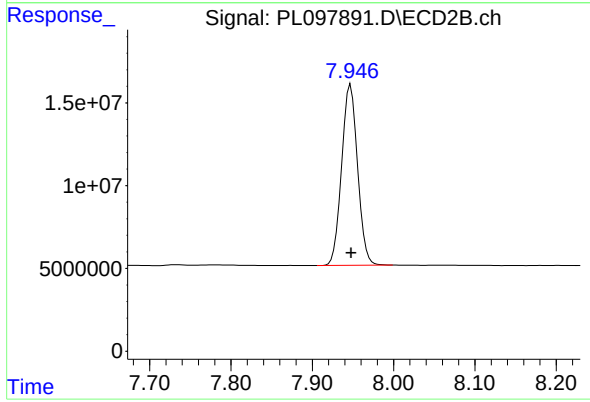
#28 Decachlorobiphenyl

R.T.: 8.952 min
Delta R.T.: -0.004 min
Response: 85341197
Conc: 22.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2025

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.947 min
Delta R.T.: 0.000 min
Response: 148308628
Conc: 22.55 ng/ml