

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

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/07/2024
 Supervised By :Ankita Jodhani 08/07/2024

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...	3.543	2.786	38325677	33272298	19.794m	19.246
28)	SA Decachlor...	9.054	7.926	30693753	33659833	21.363	20.166
Target Compounds							
2)	A alpha-BHC	3.999	3.288	15099939	10860494	5.467	4.409m
3)	MA gamma-BHC...	4.330	3.618	14266239	11013021	5.424m	4.704m
4)	MA Heptachlor	4.918	3.960	14116020	11009563	5.708m	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...	5.686	4.742	13765144	10284950	6.057m	5.046
9)	A Endosulfan I	6.071	5.112	12535069	9790475	5.980m	5.070
10)	B gamma-Chl...	5.941	4.992	13428010	10642976	5.943m	4.984
11)	B alpha-Chl...	6.020	5.056	13215692	10735827	5.901m	5.032
12)	B 4,4'-DDE	6.194	5.243	11684490	8979601	5.894	4.787m
13)	MA Dieldrin	6.347	5.376	13142591	10006568	5.992	4.846
14)	MA Endrin	6.575	5.651	9916927	8026682	5.415m	4.393
15)	B Endosulfa...	6.795	5.945	12422735	9313414	6.195	5.128
16)	A 4,4'-DDD	6.711	5.797	10156095	7714834	6.161	4.972m
17)	MA 4,4'-DDT	7.023	6.049	9069708	6791835	5.087m	4.096
18)	B Endrin al...	6.925	6.124	9403430	7748191	6.244	5.473
19)	B Endosulfa...	7.158	6.347	11090414	9083284	6.183m	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

(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

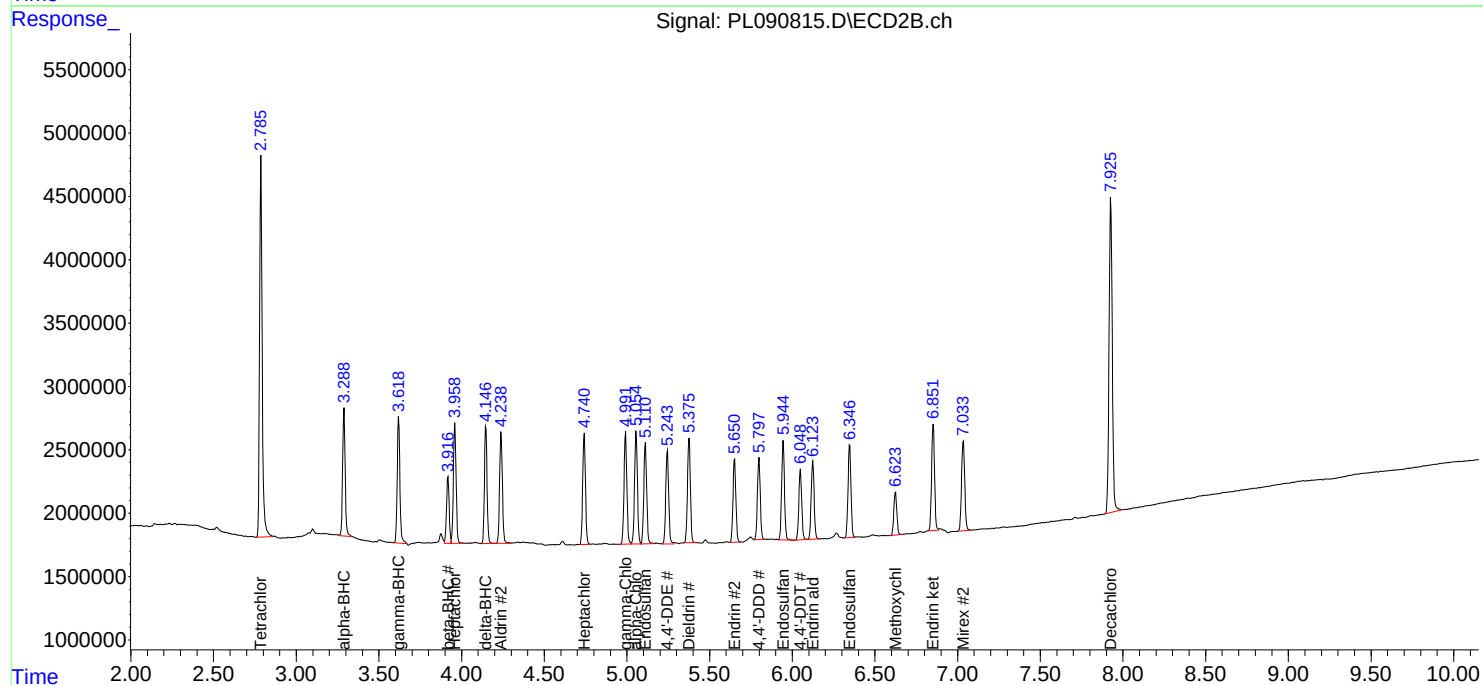
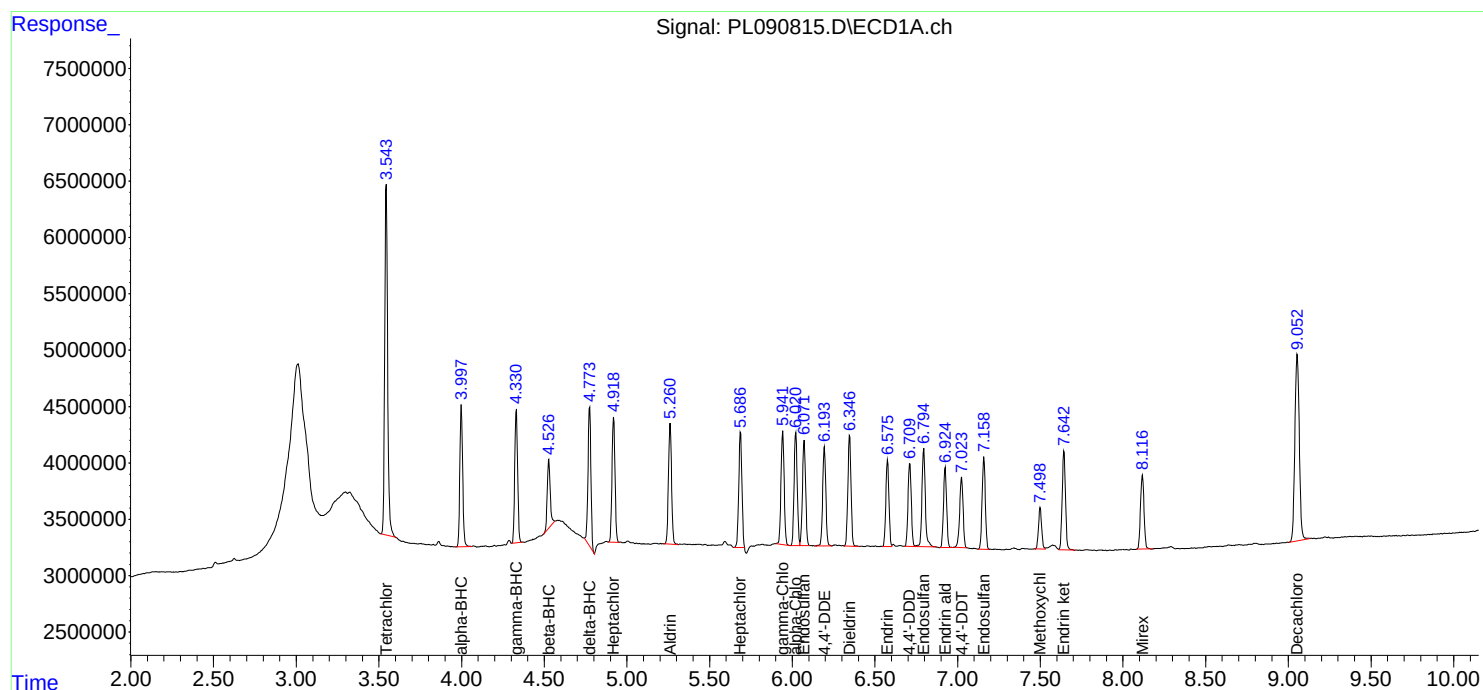
Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024

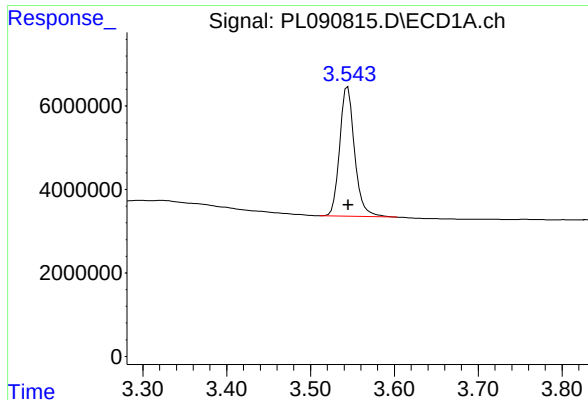
Manual Integrations
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Supervised By :Ankita Jodhani 08/07/2024

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





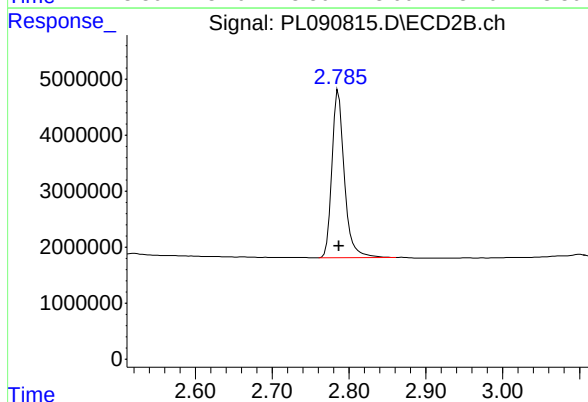
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 38325677
Conc: 19.79 ng/ml

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

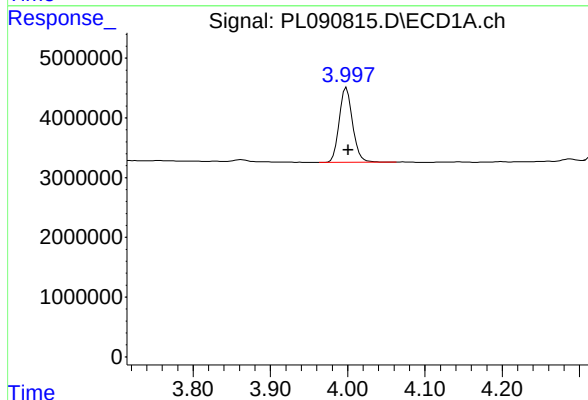
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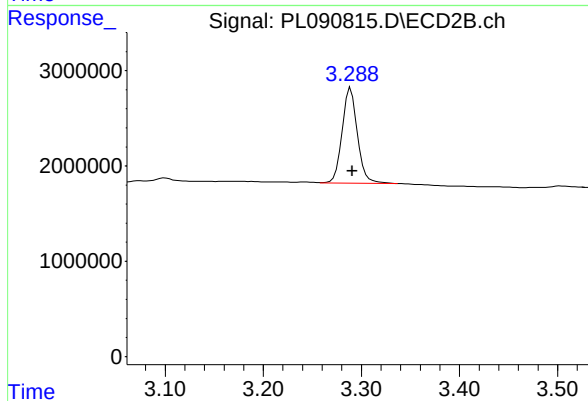
#1 Tetrachloro-m-xylene

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



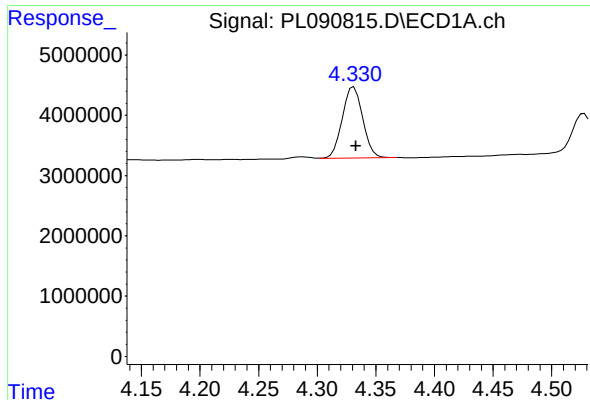
#2 alpha-BHC

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



#2 alpha-BHC

R.T.: 3.288 min
Delta R.T.: -0.003 min
Response: 10860494
Conc: 4.41 ng/ml m



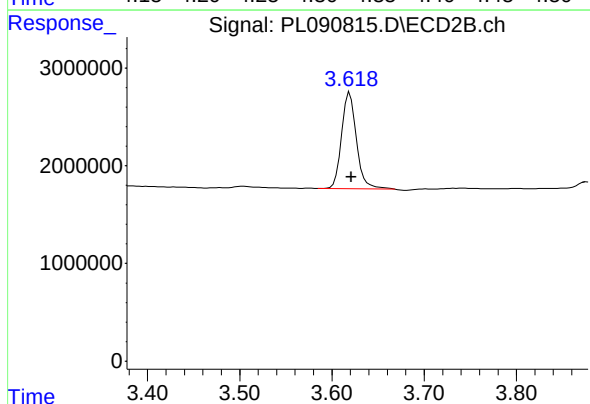
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: -0.003 min
Response: 14266239
Conc: 5.42 ng/ml

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

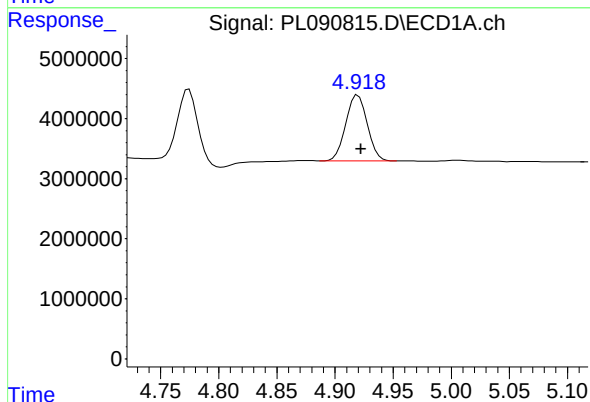
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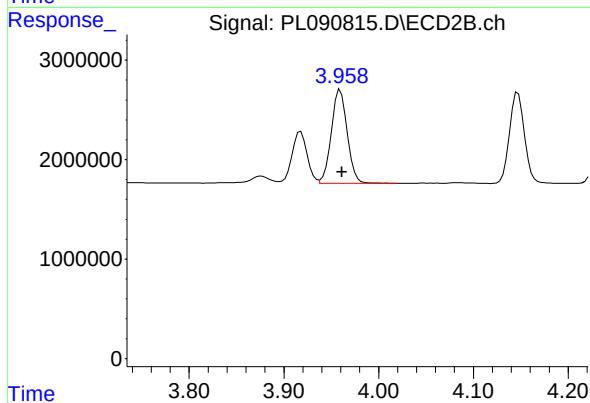
#3 gamma-BHC (Lindane)

R.T.: 3.618 min
Delta R.T.: -0.003 min
Response: 11013021
Conc: 4.70 ng/ml m



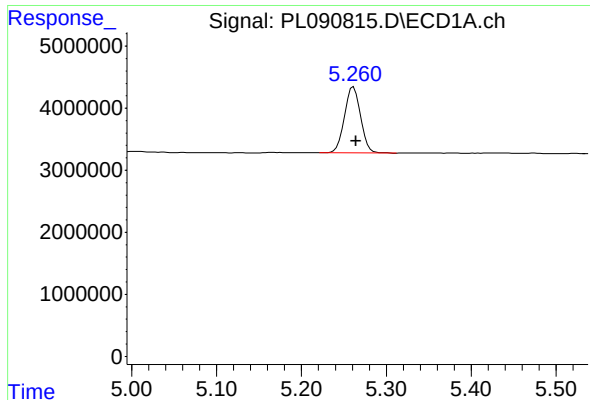
#4 Heptachlor

R.T.: 4.918 min
Delta R.T.: -0.004 min
Response: 14116020
Conc: 5.71 ng/ml m



#4 Heptachlor

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



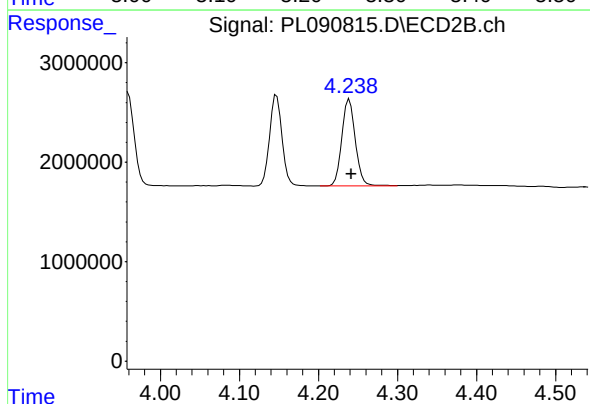
#5 Aldrin

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

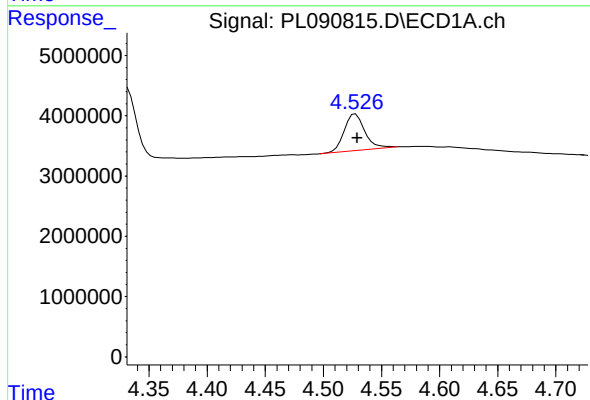
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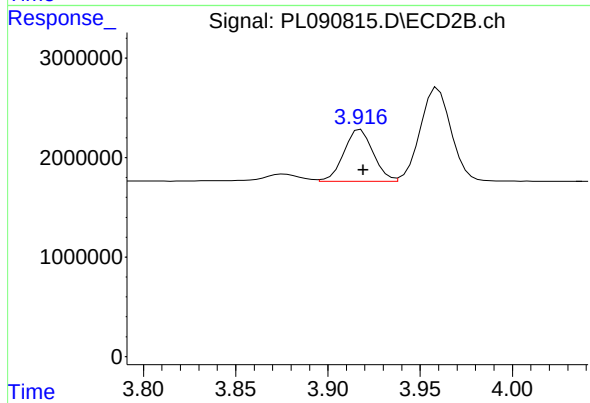
#5 Aldrin

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



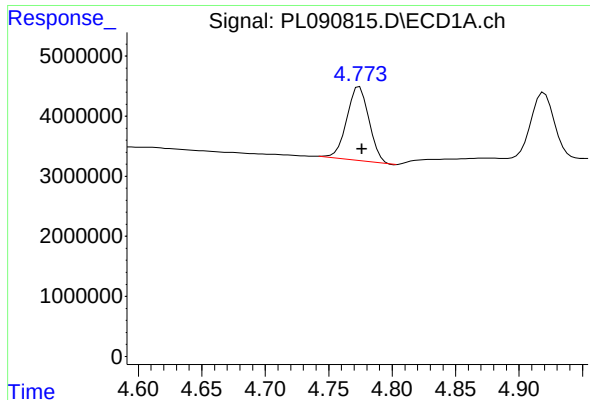
#6 beta-BHC

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



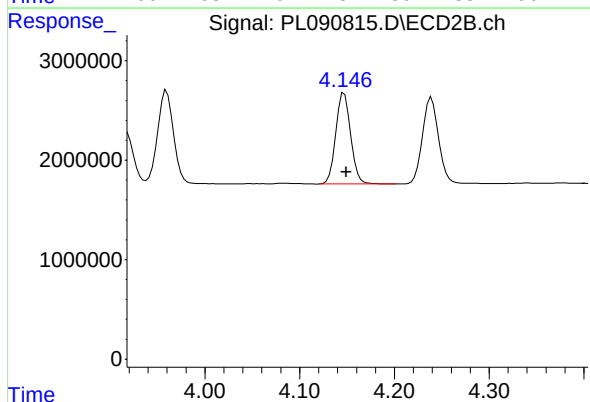
#7 delta-BHC

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

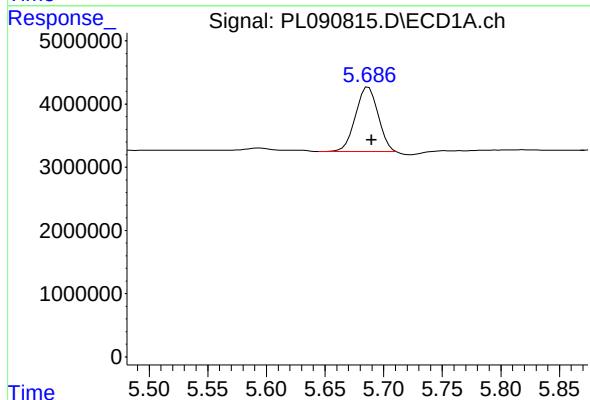
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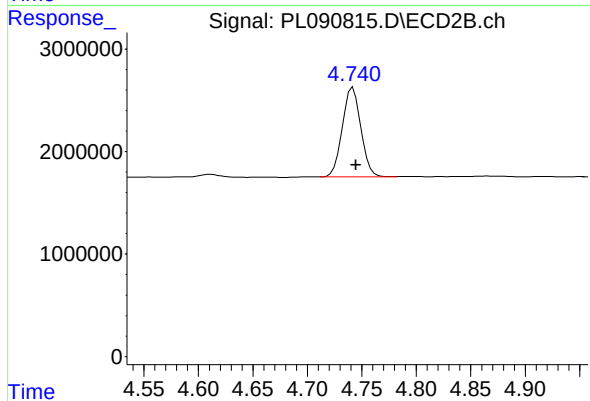
#7 delta-BHC

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



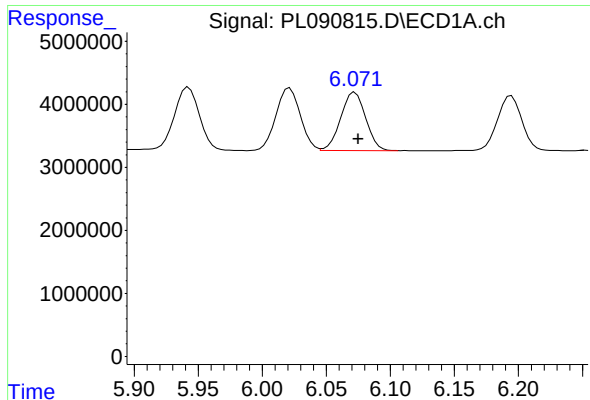
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: -0.004 min
Response: 13765144
Conc: 6.06 ng/ml m



#8 Heptachlor epoxide

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



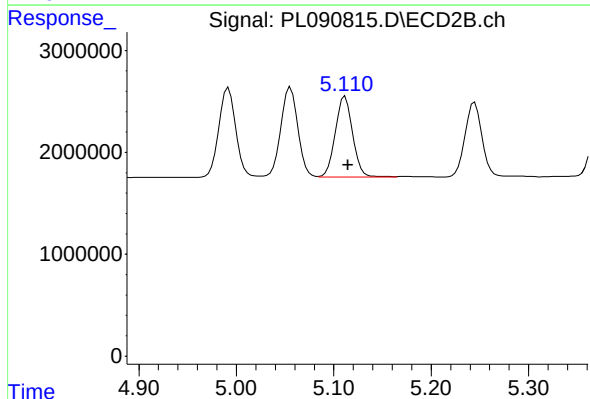
#9 Endosulfan I

R.T.: 6.071 min
Delta R.T.: -0.004 min
Response: 12535069
Conc: 5.98 ng/ml

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

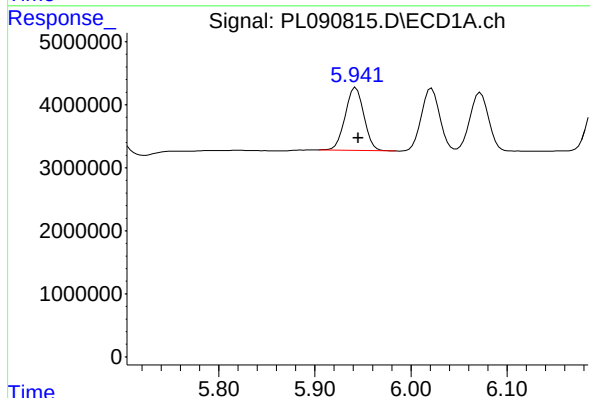
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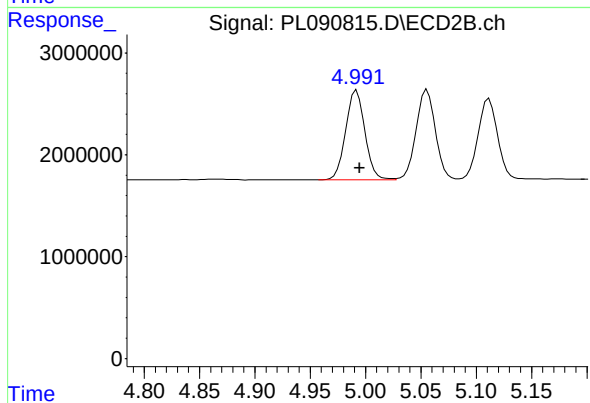
#9 Endosulfan I

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



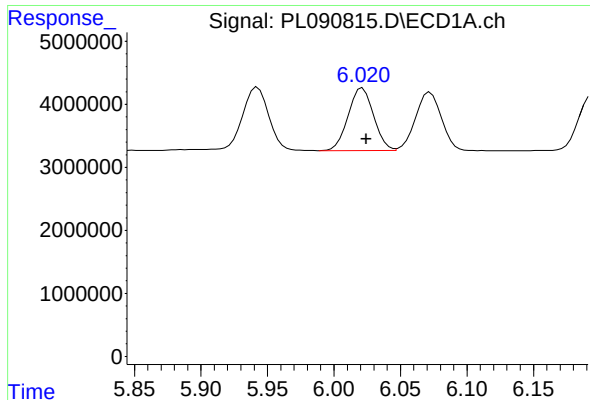
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.004 min
Response: 13428010
Conc: 5.94 ng/ml m



#10 gamma-Chlordane

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



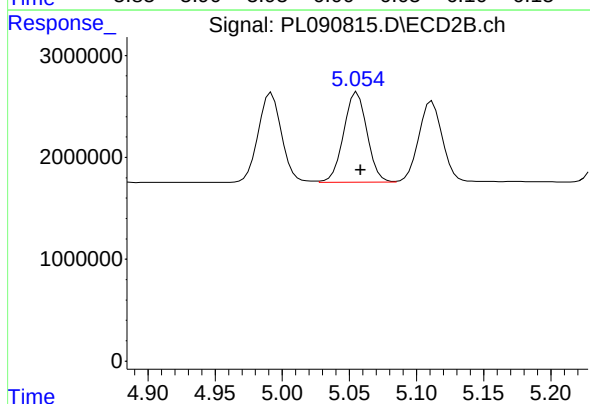
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: -0.004 min
Response: 13215692
Conc: 5.90 ng/ml

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

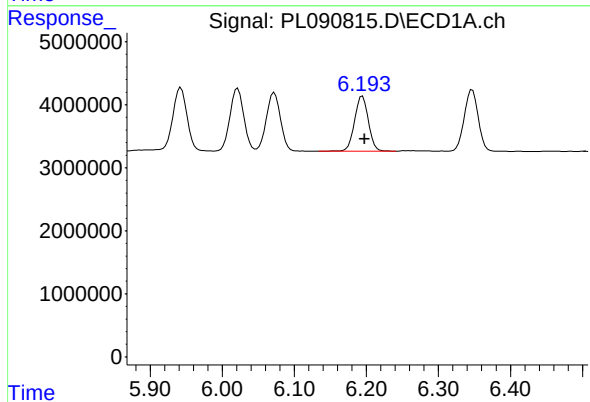
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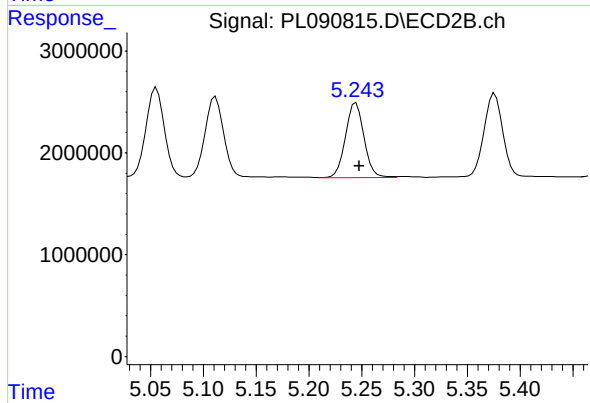
#11 alpha-Chlordane

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



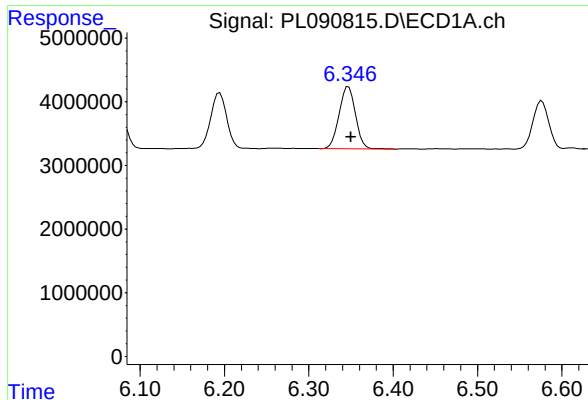
#12 4,4'-DDE

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



#12 4,4'-DDE

R.T.: 5.243 min
Delta R.T.: -0.005 min
Response: 8979601
Conc: 4.79 ng/ml m



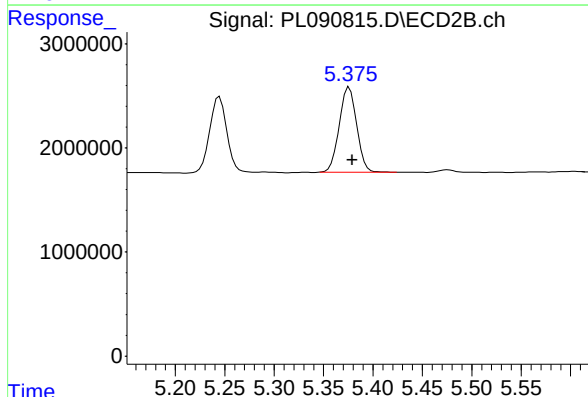
#13 Dieldrin

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

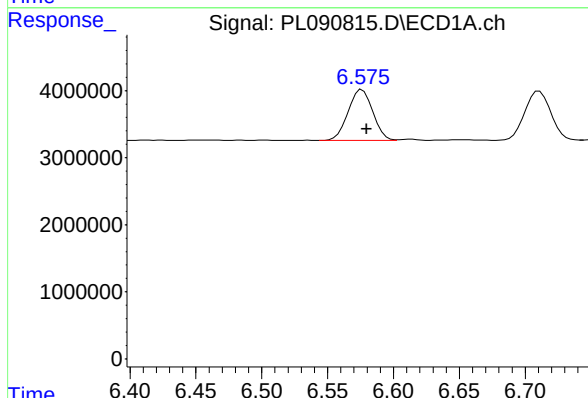
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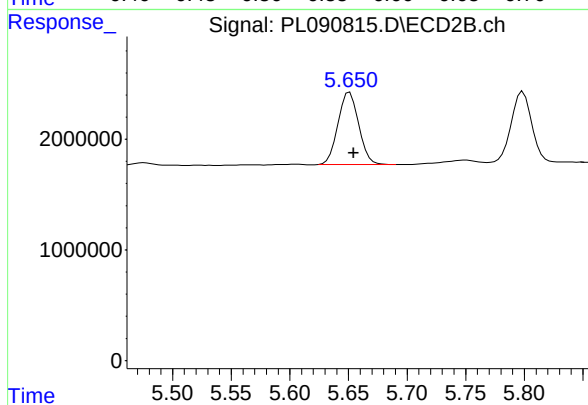
#13 Dieldrin

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



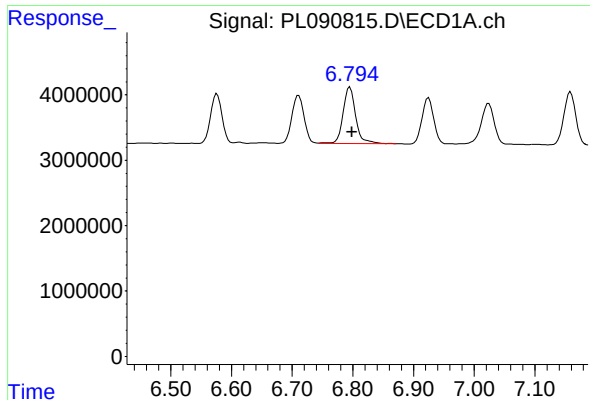
#14 Endrin

R.T.: 6.575 min
Delta R.T.: -0.005 min
Response: 9916927
Conc: 5.41 ng/ml m



#14 Endrin

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



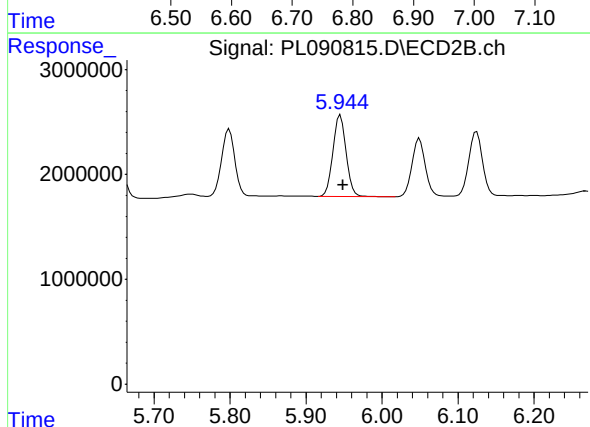
#15 Endosulfan II

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

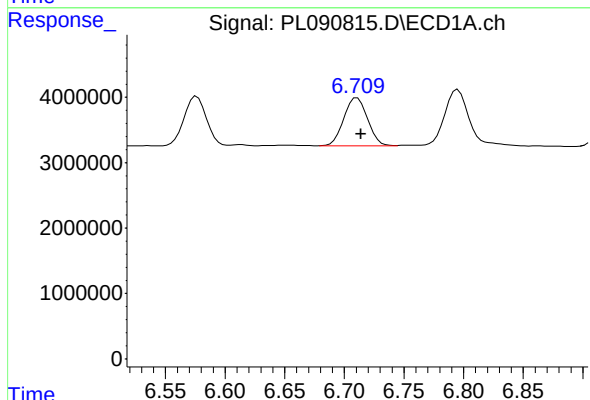
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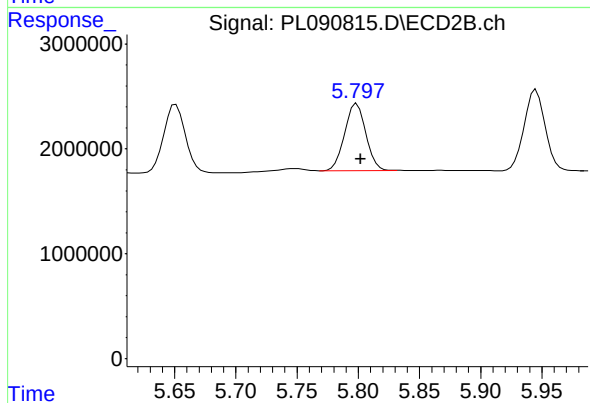
#15 Endosulfan II

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



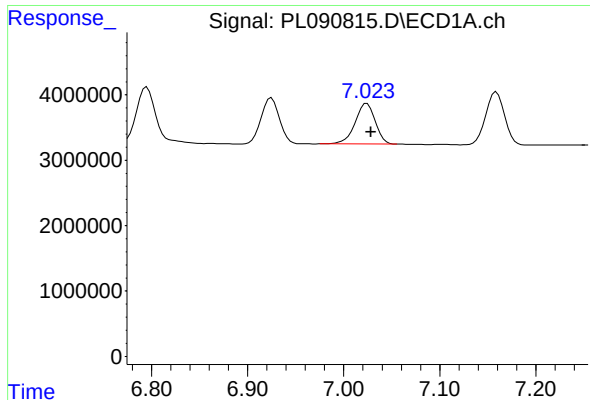
#16 4,4'-DDD

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



#16 4,4'-DDD

R.T.: 5.797 min
Delta R.T.: -0.005 min
Response: 7714834
Conc: 4.97 ng/ml m



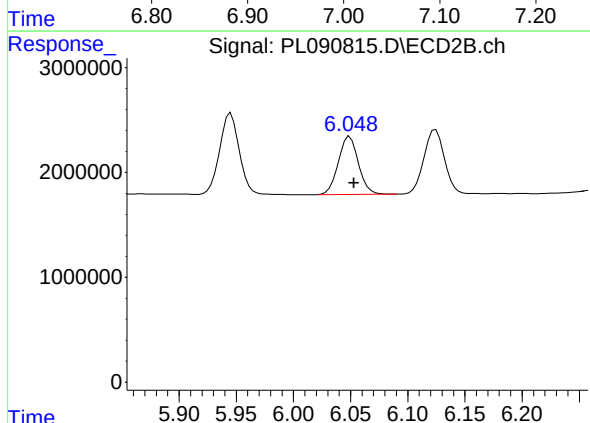
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: -0.006 min
Response: 9069708
Conc: 5.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
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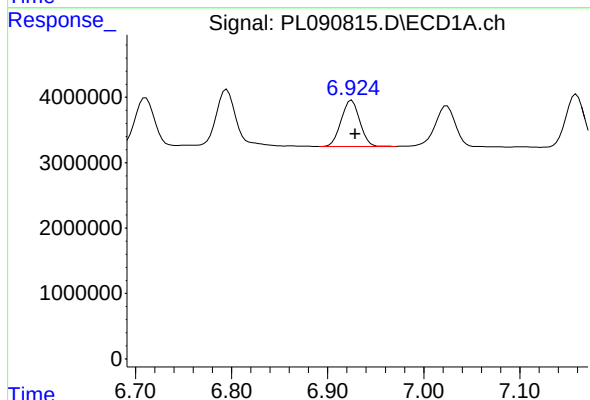
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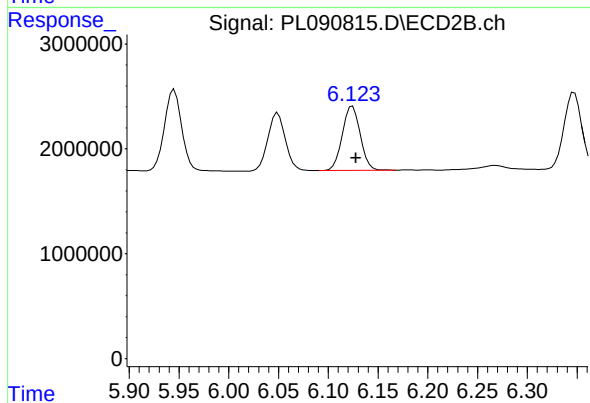
#17 4,4'-DDT

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



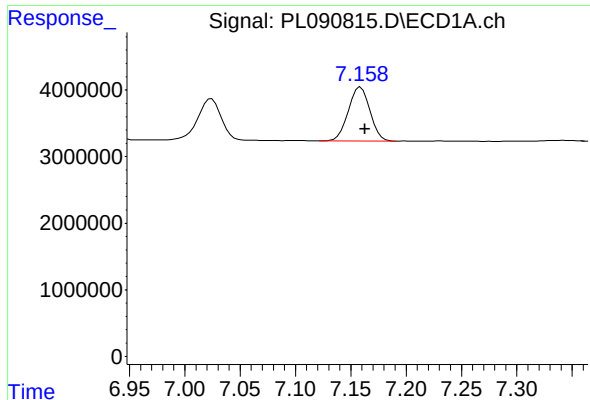
#18 Endrin aldehyde

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



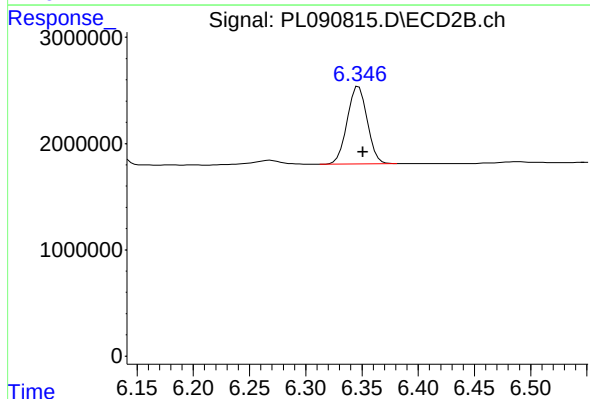
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: -0.005 min
Response: 11090414
Conc: 6.18 ng/ml

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

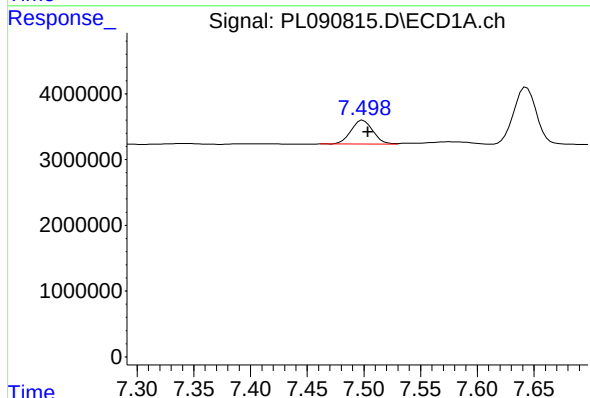
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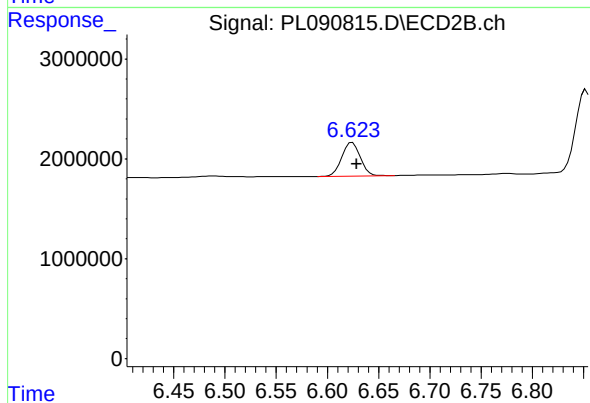
#19 Endosulfan Sulfate

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



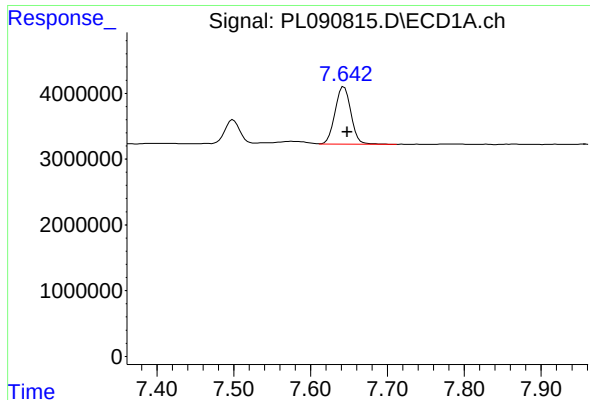
#20 Methoxychlor

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



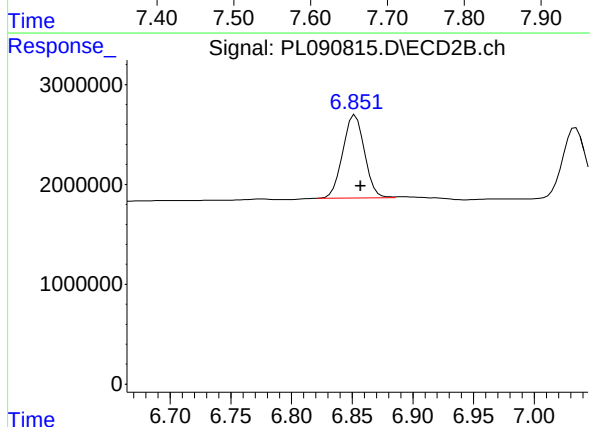
#21 Endrin ketone

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

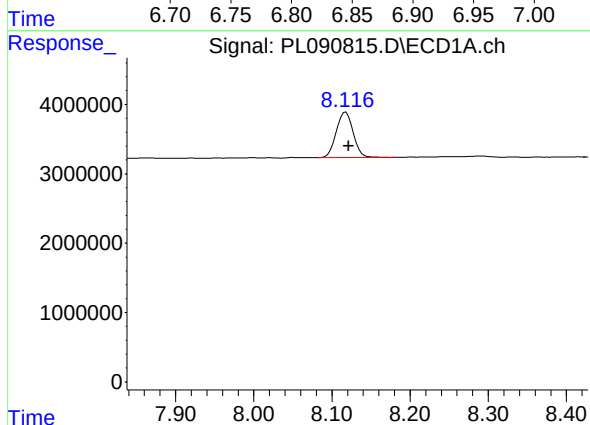
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/07/2024
Supervised By :Ankita Jodhani 08/07/2024



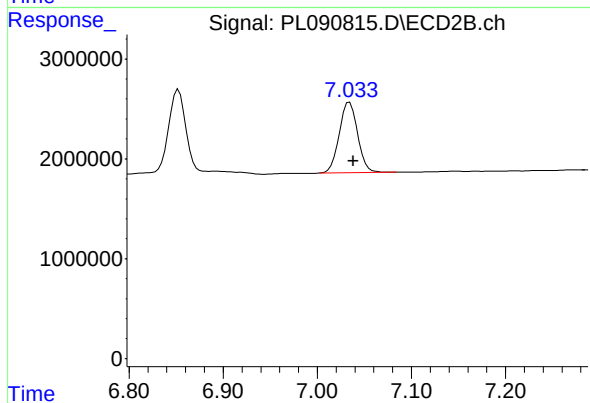
#21 Endrin ketone

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



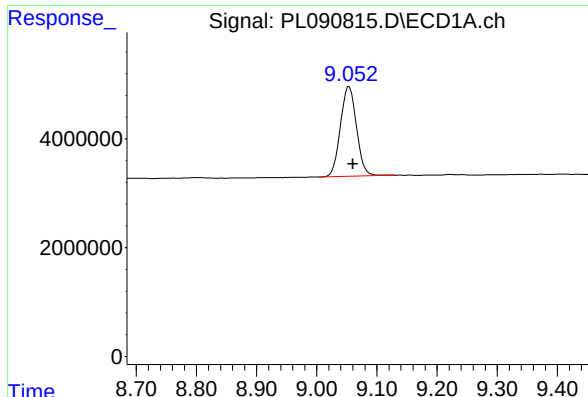
#22 Mirex

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



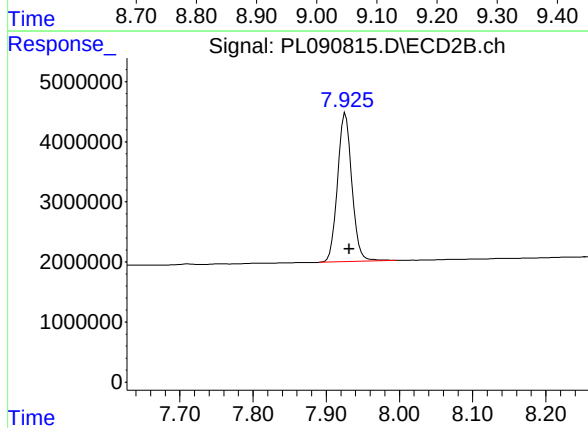
#28 Decachlorobiphenyl

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

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

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#28 Decachlorobiphenyl

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