

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080524\
 Data File : PL090795.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Aug 2024 20:25
 Operator : AR\AJ
 Sample : P3390-08
 Misc : PEST LOQ 5PPB/WATER
 ALS Vial : 25 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/06/2024
 Supervised By :Ankita Jodhani 08/06/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 11:12:28 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...	3.564f	2.786	36419876	32590004	18.810	18.851
28)	SA Decachlor...	9.074	7.925	30028406	34628897	20.900	20.746
Target Compounds							
2)	A alpha-BHC	4.018f	3.288	14413143	10874991	5.218	4.415
3)	MA gamma-BHC...	4.349f	3.617	13690886	10616958	5.205m	4.535m
4)	MA Heptachlor	4.938f	3.959	14302526	11352601	5.783m	4.896
5)	MB Aldrin	5.280f	4.237	13939987	10231146	5.799	4.615m
6)	B beta-BHC	4.545f	3.917	7251118	5769376	5.760m	5.424
7)	B delta-BHC	4.794f	4.145	13502727	9996935	5.394	4.473m
8)	B Heptachlo...	5.705	4.741	13805647	10380183	6.075m	5.092
9)	A Endosulfan I	6.090	5.111	12514826	9956189	5.970m	5.156
10)	B gamma-Chl...	5.960	4.991	13377837	10797463	5.921m	5.056
11)	B alpha-Chl...	6.039	5.055	13199981	10898368	5.894m	5.108
12)	B 4,4'-DDE	6.213f	5.244	11609250	8949140	5.856	4.771
13)	MA Dieldrin	6.365f	5.375	12918164	10133823	5.890	4.908
14)	MA Endrin	6.593	5.650	10809583	9000680	5.902m	4.926
15)	B Endosulfa...	6.813	5.944	12222231	9430004	6.095	5.192
16)	A 4,4'-DDD	6.727	5.798	9701335	7671577	5.885m	4.944
17)	MA 4,4'-DDT	7.043	6.049	10674513	7998329	5.988	4.823
18)	B Endrin al...	6.943	6.123	9282962	7764385	6.164	5.484
19)	B Endosulfa...	7.178f	6.346	11048239	9472543	6.160	5.426
20)	A Methoxychlor	7.517	6.624	5683184	5036300	5.956m	5.456
21)	B Endrin ke...	7.662	6.851	11740624	10112498	5.925	5.102
22)	Mirex	8.136	7.034	9927800	9817230	6.387	5.846

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080524\
Data File : PL090795.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Aug 2024 20:25
Operator : AR\AJ
Sample : P3390-08
Misc : PEST LOQ 5PPB/WATER
ALS Vial : 25 Sample Multiplier: 1

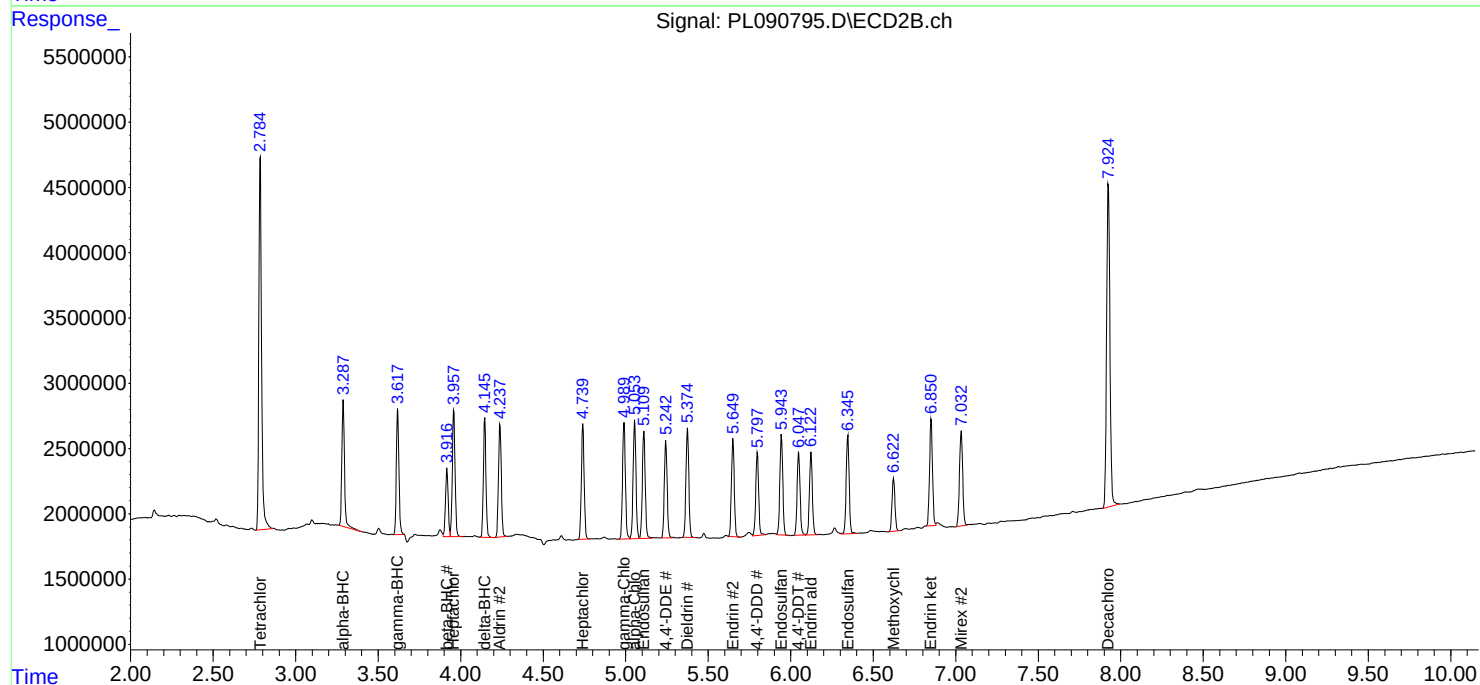
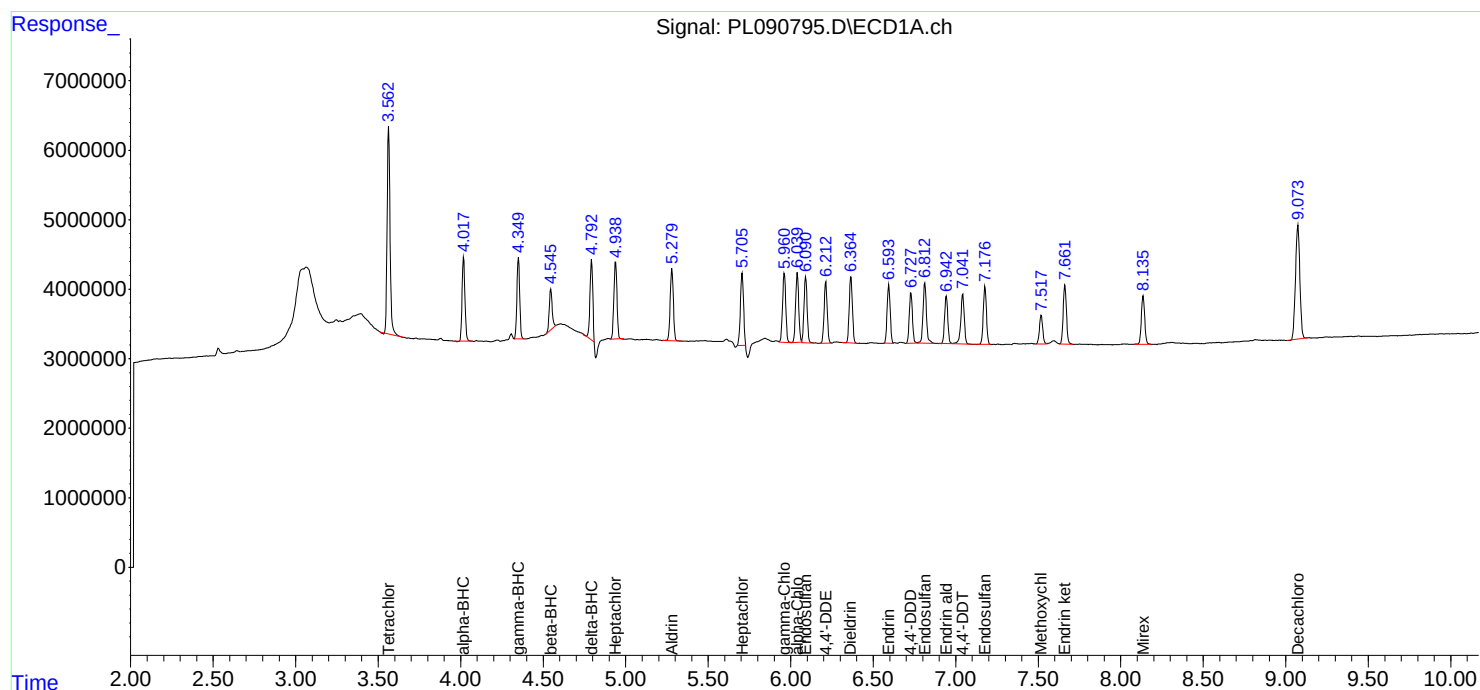
Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT3-2024

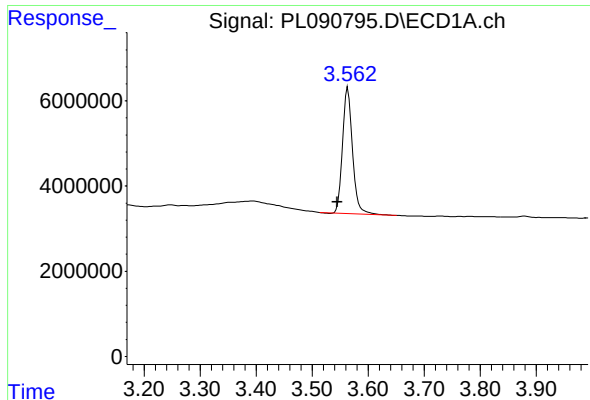
Manual Integrations
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Reviewed By : Abdul Mirza 08/06/2024
Supervised By : Ankita Jodhani 08/06/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 11:12:28 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
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





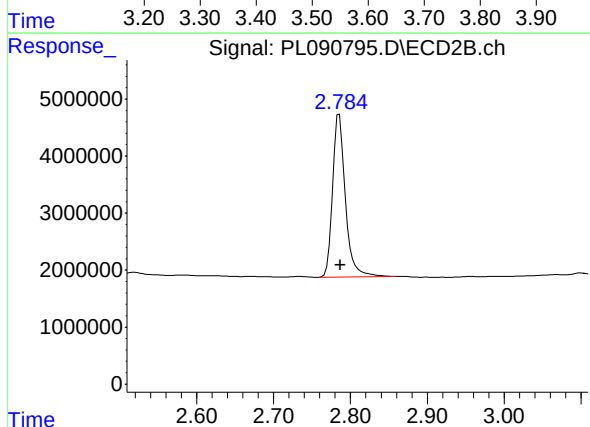
#1 Tetrachloro-m-xylene

R.T.: 3.564 min
Delta R.T.: 0.019 min
Response: 36419876
Conc: 18.81 ng/ml

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

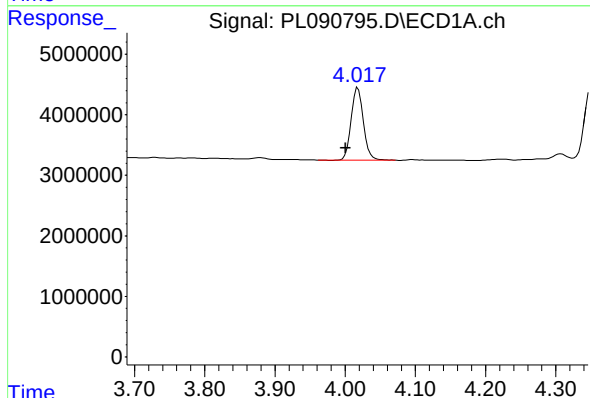
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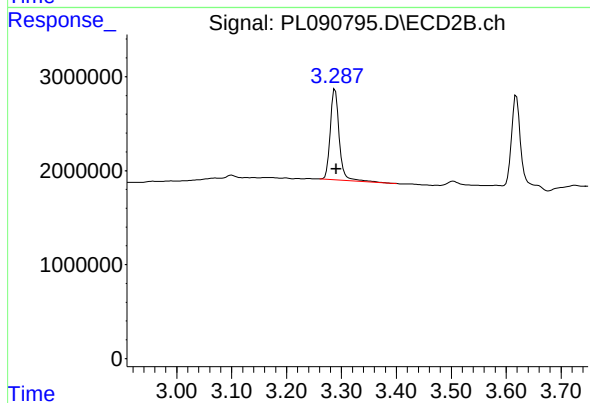
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: -0.001 min
Response: 32590004
Conc: 18.85 ng/ml



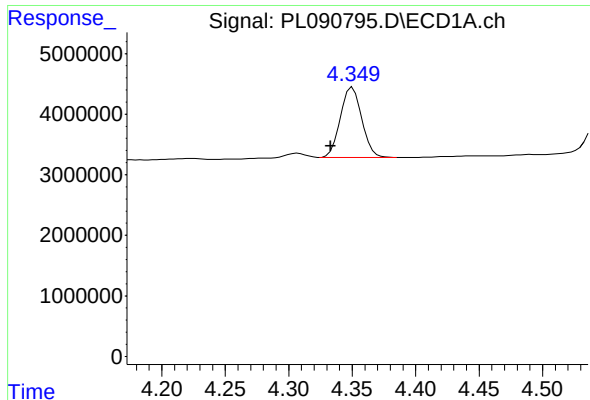
#2 alpha-BHC

R.T.: 4.018 min
Delta R.T.: 0.017 min
Response: 14413143
Conc: 5.22 ng/ml



#2 alpha-BHC

R.T.: 3.288 min
Delta R.T.: -0.002 min
Response: 10874991
Conc: 4.41 ng/ml



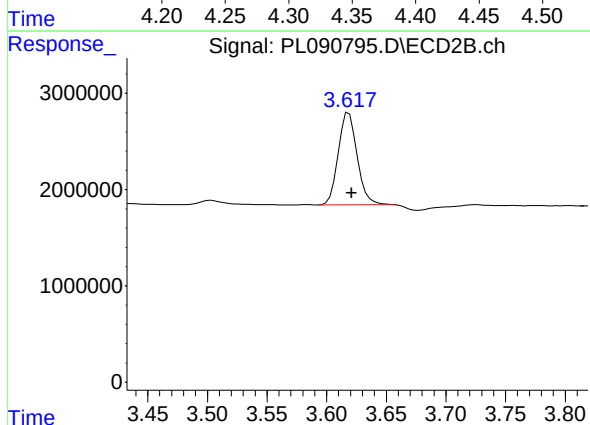
#3 gamma-BHC (Lindane)

R.T.: 4.349 min
Delta R.T.: 0.016 min
Response: 13690886
Conc: 5.21 ng/ml

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

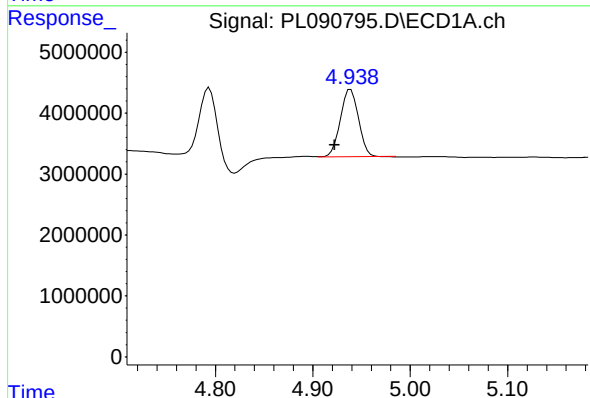
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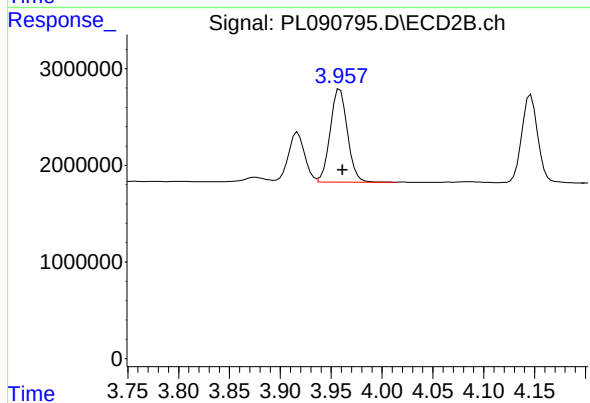
#3 gamma-BHC (Lindane)

R.T.: 3.617 min
Delta R.T.: -0.004 min
Response: 10616958
Conc: 4.53 ng/ml m



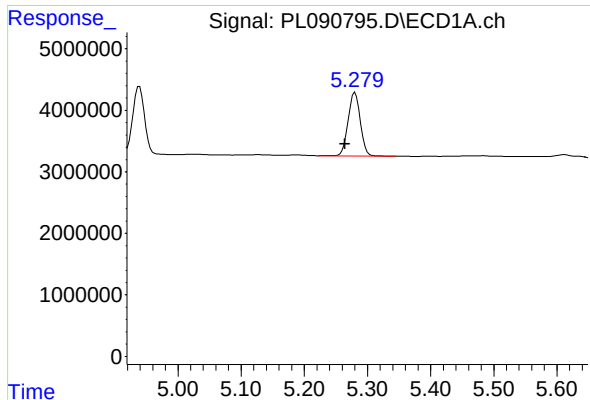
#4 Heptachlor

R.T.: 4.938 min
Delta R.T.: 0.015 min
Response: 14302526
Conc: 5.78 ng/ml m



#4 Heptachlor

R.T.: 3.959 min
Delta R.T.: -0.003 min
Response: 11352601
Conc: 4.90 ng/ml



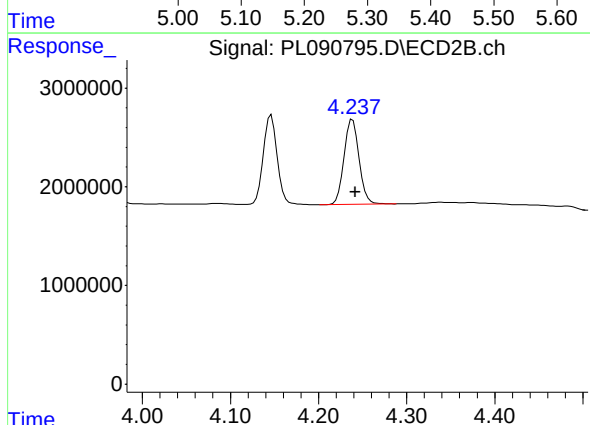
#5 Aldrin

R.T.: 5.280 min
Delta R.T.: 0.016 min
Response: 13939987
Conc: 5.80 ng/ml

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

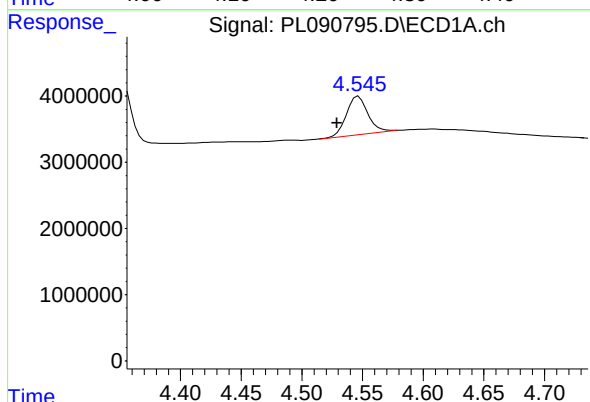
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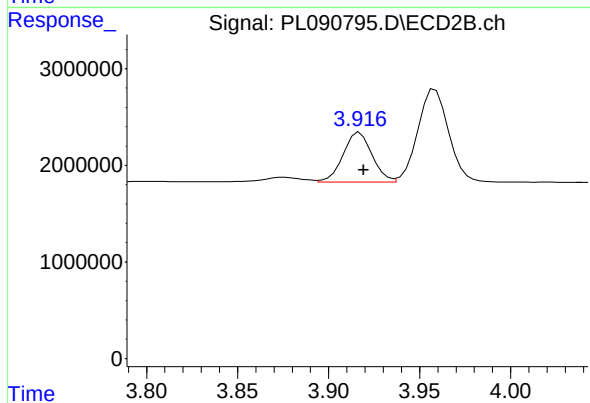
#5 Aldrin

R.T.: 4.237 min
Delta R.T.: -0.004 min
Response: 10231146
Conc: 4.61 ng/ml m



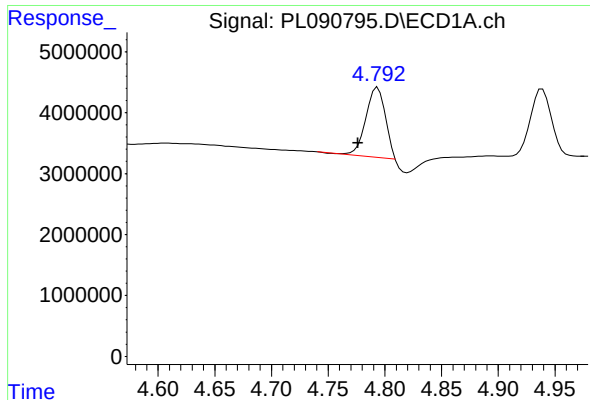
#6 beta-BHC

R.T.: 4.545 min
Delta R.T.: 0.016 min
Response: 7251118
Conc: 5.76 ng/ml m



#6 beta-BHC

R.T.: 3.917 min
Delta R.T.: -0.002 min
Response: 5769376
Conc: 5.42 ng/ml



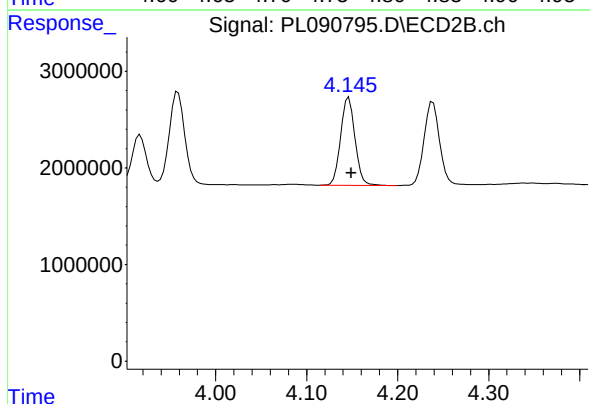
#7 delta-BHC

R.T.: 4.794 min
Delta R.T.: 0.017 min
Response: 13502727
Conc: 5.39 ng/ml

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

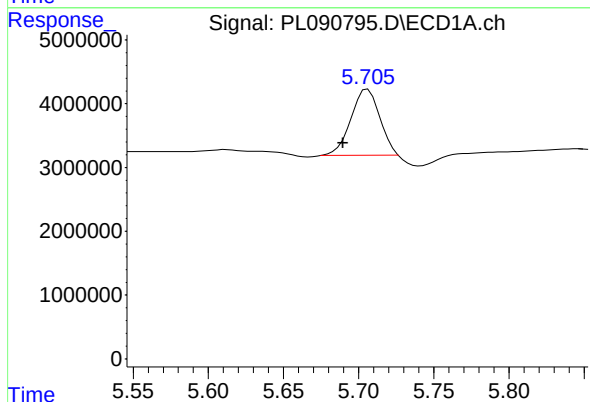
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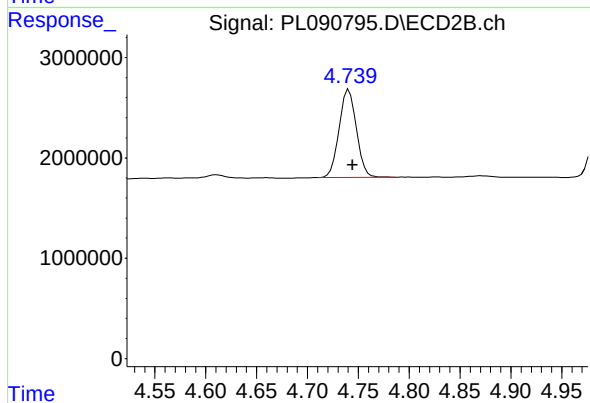
#7 delta-BHC

R.T.: 4.145 min
Delta R.T.: -0.004 min
Response: 9996935
Conc: 4.47 ng/ml m



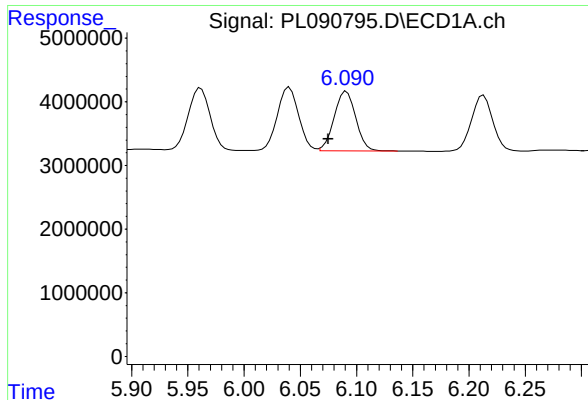
#8 Heptachlor epoxide

R.T.: 5.705 min
Delta R.T.: 0.015 min
Response: 13805647
Conc: 6.08 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.741 min
Delta R.T.: -0.004 min
Response: 10380183
Conc: 5.09 ng/ml



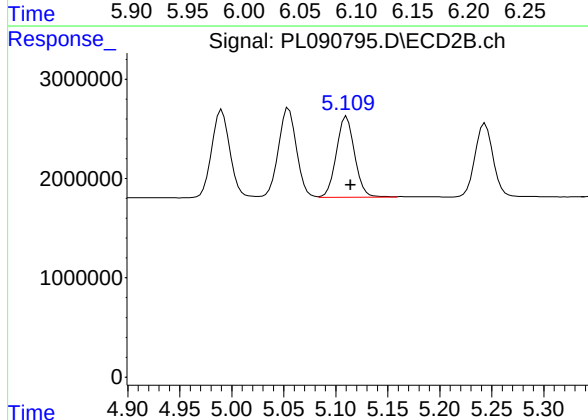
#9 Endosulfan I

R.T.: 6.090 min
Delta R.T.: 0.014 min
Response: 12514826
Conc: 5.97 ng/ml

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

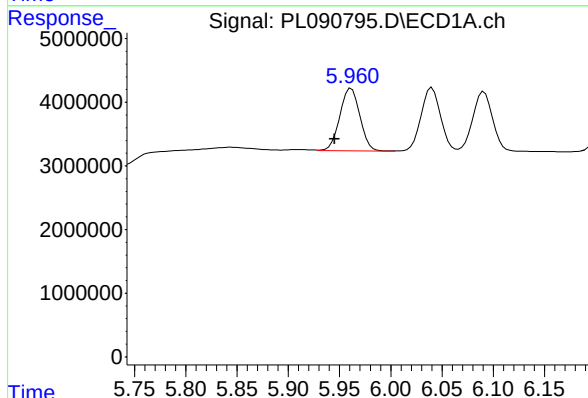
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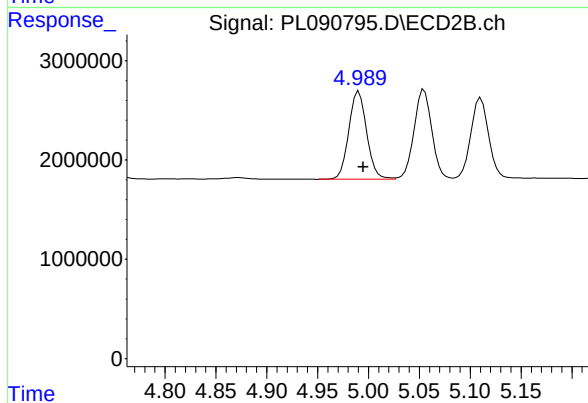
#9 Endosulfan I

R.T.: 5.111 min
Delta R.T.: -0.004 min
Response: 9956189
Conc: 5.16 ng/ml



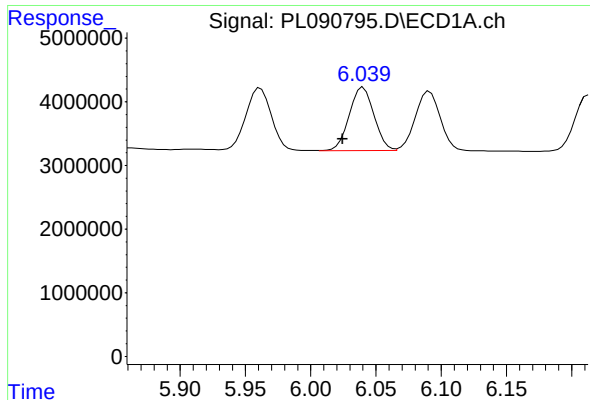
#10 gamma-Chlordane

R.T.: 5.960 min
Delta R.T.: 0.015 min
Response: 13377837
Conc: 5.92 ng/ml m



#10 gamma-Chlordane

R.T.: 4.991 min
Delta R.T.: -0.004 min
Response: 10797463
Conc: 5.06 ng/ml



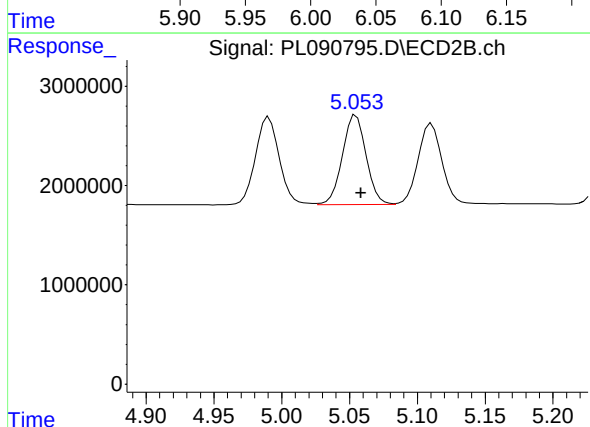
#11 alpha-Chlordane

R.T.: 6.039 min
Delta R.T.: 0.014 min
Response: 13199981
Conc: 5.89 ng/ml

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

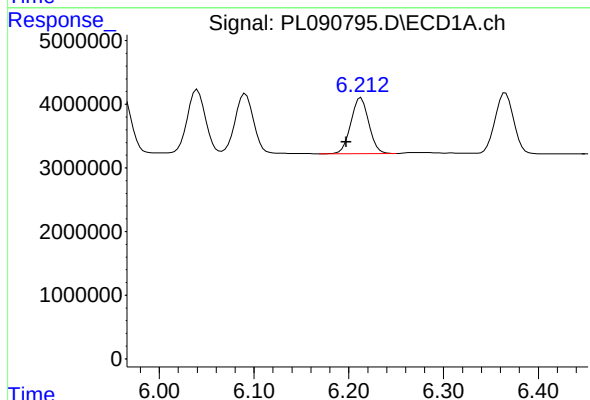
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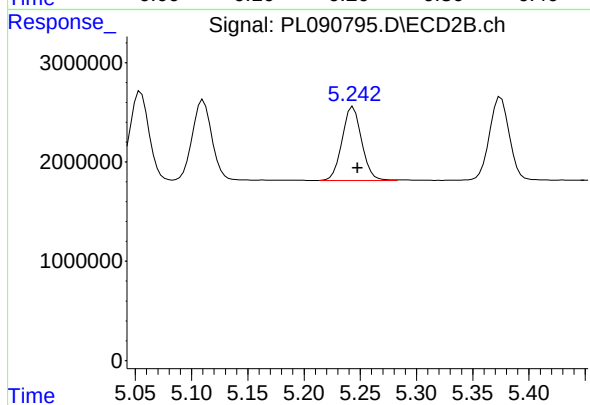
#11 alpha-Chlordane

R.T.: 5.055 min
Delta R.T.: -0.004 min
Response: 10898368
Conc: 5.11 ng/ml



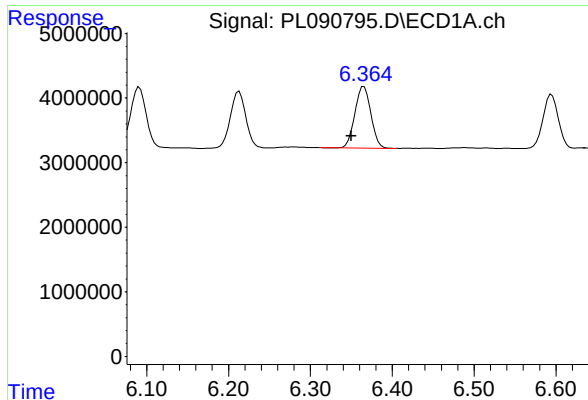
#12 4,4'-DDE

R.T.: 6.213 min
Delta R.T.: 0.016 min
Response: 11609250
Conc: 5.86 ng/ml



#12 4,4'-DDE

R.T.: 5.244 min
Delta R.T.: -0.004 min
Response: 8949140
Conc: 4.77 ng/ml



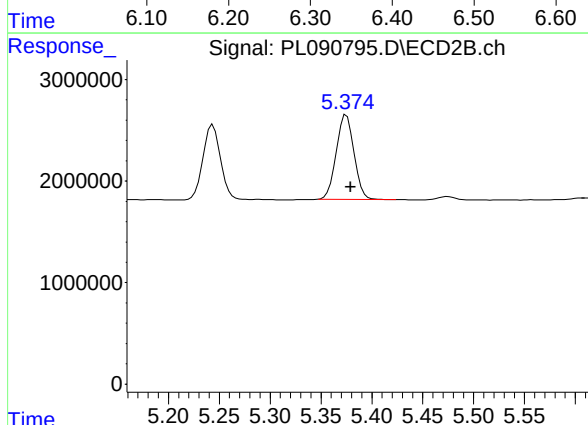
#13 Dieldrin

R.T.: 6.365 min
Delta R.T.: 0.015 min
Response: 12918164
Conc: 5.89 ng/ml

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

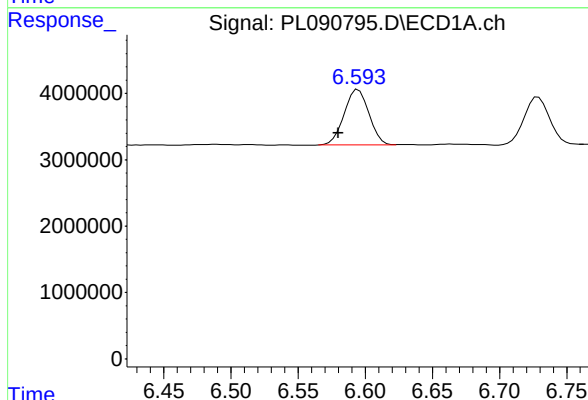
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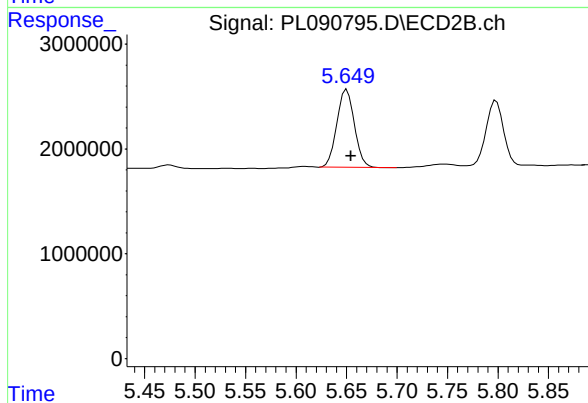
#13 Dieldrin

R.T.: 5.375 min
Delta R.T.: -0.004 min
Response: 10133823
Conc: 4.91 ng/ml



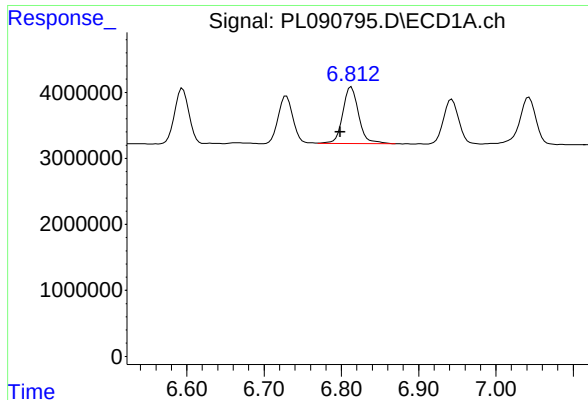
#14 Endrin

R.T.: 6.593 min
Delta R.T.: 0.013 min
Response: 10809583
Conc: 5.90 ng/ml m



#14 Endrin

R.T.: 5.650 min
Delta R.T.: -0.004 min
Response: 9000680
Conc: 4.93 ng/ml



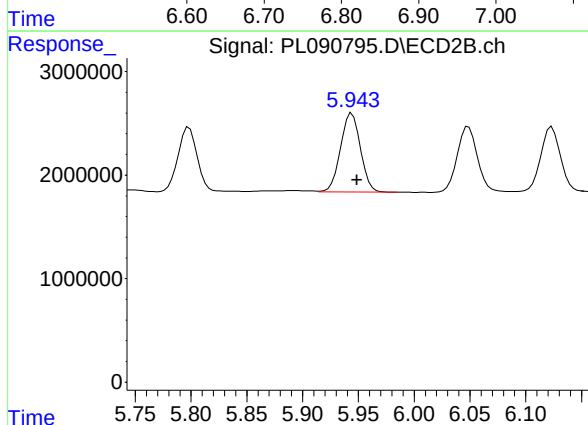
#15 Endosulfan II

R.T.: 6.813 min
Delta R.T.: 0.014 min
Response: 1222231
Conc: 6.09 ng/ml

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

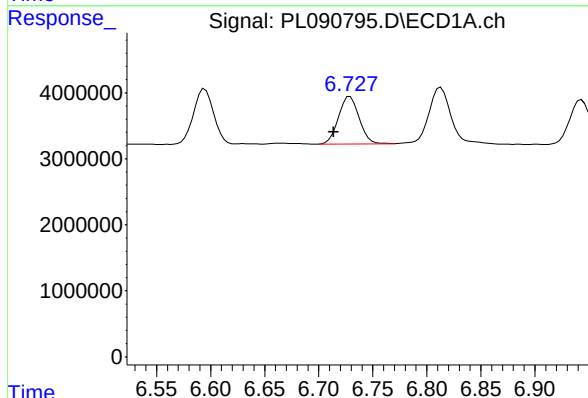
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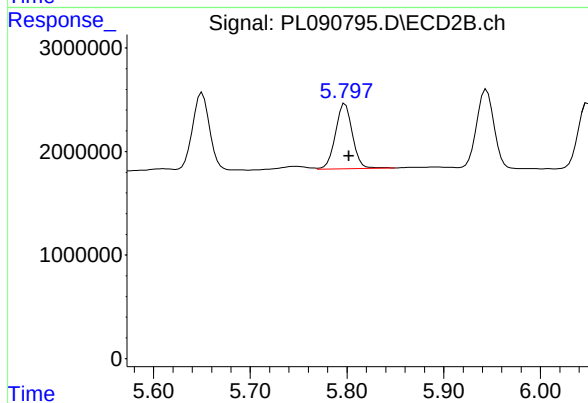
#15 Endosulfan II

R.T.: 5.944 min
Delta R.T.: -0.004 min
Response: 9430004
Conc: 5.19 ng/ml



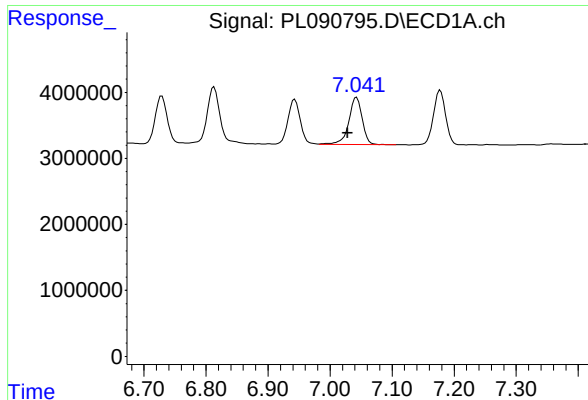
#16 4,4'-DDD

R.T.: 6.727 min
Delta R.T.: 0.013 min
Response: 9701335
Conc: 5.88 ng/ml m



#16 4,4'-DDD

R.T.: 5.798 min
Delta R.T.: -0.004 min
Response: 7671577
Conc: 4.94 ng/ml



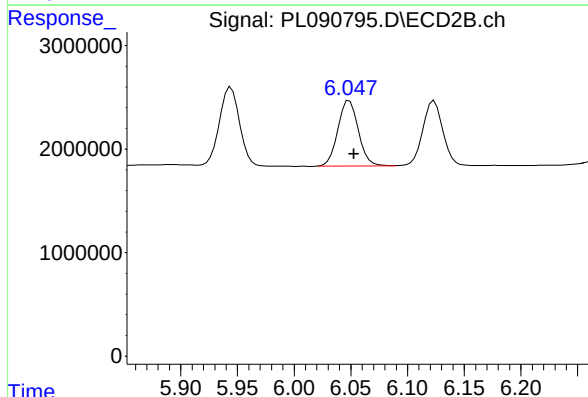
#17 4,4'-DDT

R.T.: 7.043 min
Delta R.T.: 0.014 min
Response: 10674513
Conc: 5.99 ng/ml

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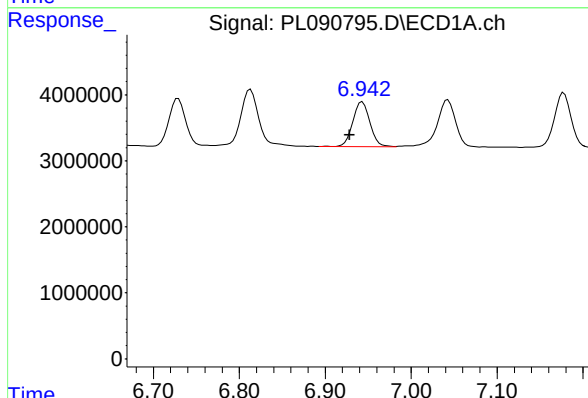
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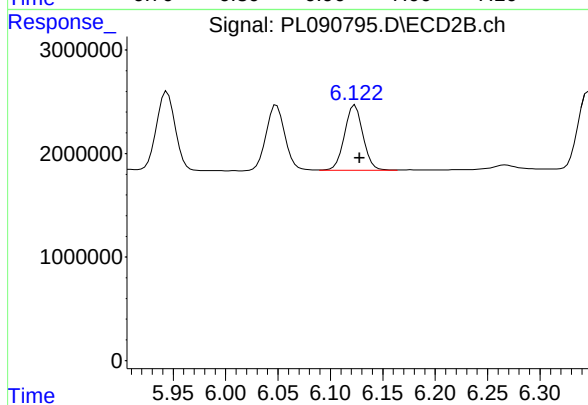
#17 4,4'-DDT

R.T.: 6.049 min
Delta R.T.: -0.004 min
Response: 7998329
Conc: 4.82 ng/ml



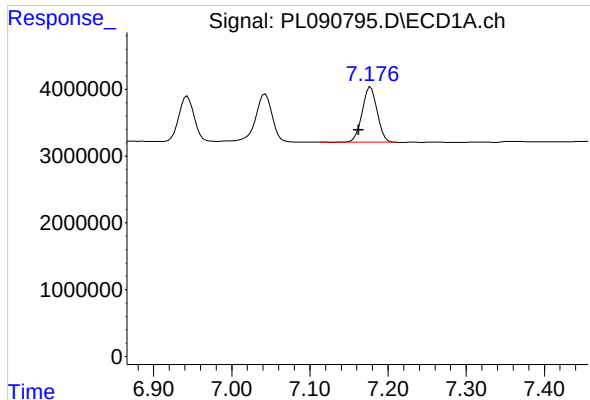
#18 Endrin aldehyde

R.T.: 6.943 min
Delta R.T.: 0.015 min
Response: 9282962
Conc: 6.16 ng/ml



#18 Endrin aldehyde

R.T.: 6.123 min
Delta R.T.: -0.004 min
Response: 7764385
Conc: 5.48 ng/ml



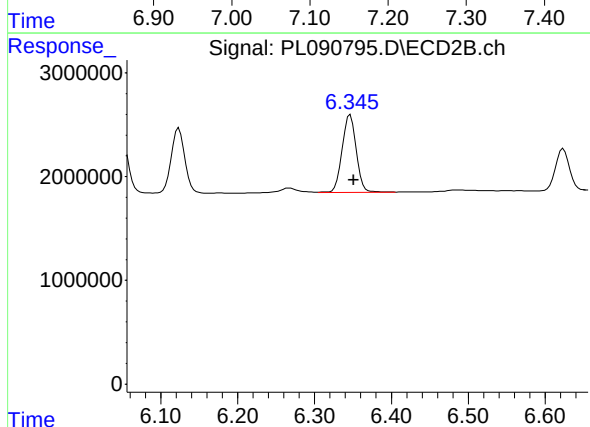
#19 Endosulfan Sulfate

R.T.: 7.178 min
Delta R.T.: 0.015 min
Response: 11048239
Conc: 6.16 ng/ml

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

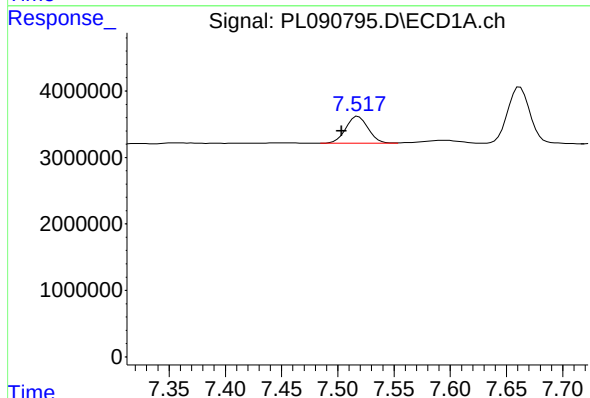
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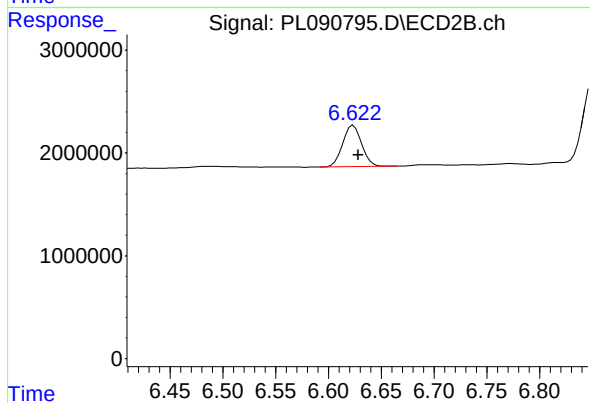
#19 Endosulfan Sulfate

R.T.: 6.346 min
Delta R.T.: -0.005 min
Response: 9472543
Conc: 5.43 ng/ml



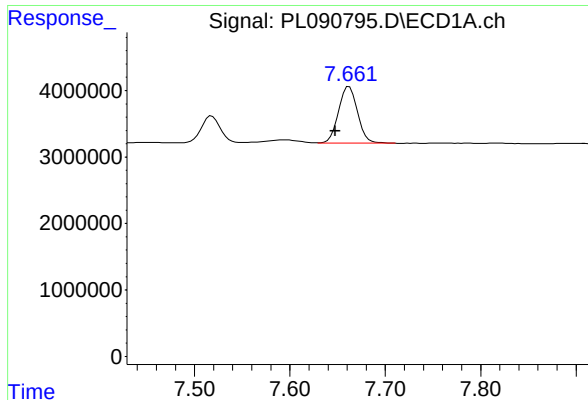
#20 Methoxychlor

R.T.: 7.517 min
Delta R.T.: 0.013 min
Response: 5683184
Conc: 5.96 ng/ml m



#20 Methoxychlor

R.T.: 6.624 min
Delta R.T.: -0.005 min
Response: 5036300
Conc: 5.46 ng/ml



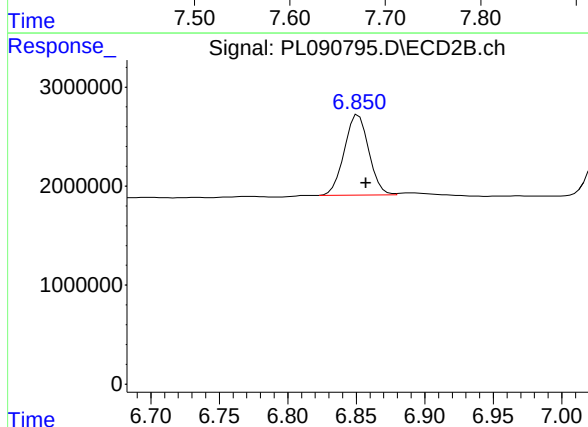
#21 Endrin ketone

R.T.: 7.662 min
Delta R.T.: 0.014 min
Response: 11740624
Conc: 5.93 ng/ml

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

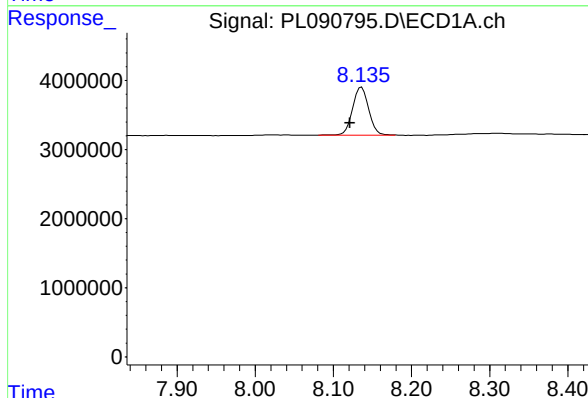
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/06/2024
Supervised By :Ankita Jodhani 08/06/2024



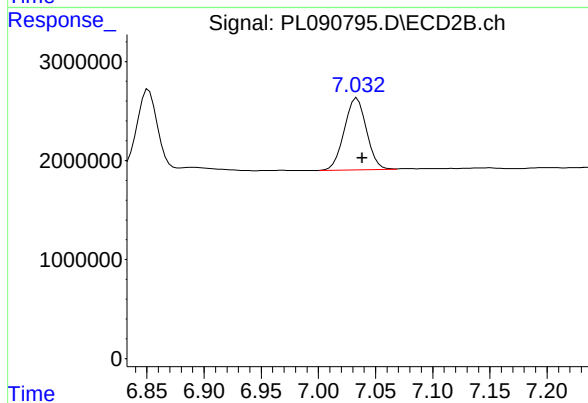
#21 Endrin ketone

R.T.: 6.851 min
Delta R.T.: -0.006 min
Response: 10112498
Conc: 5.10 ng/ml



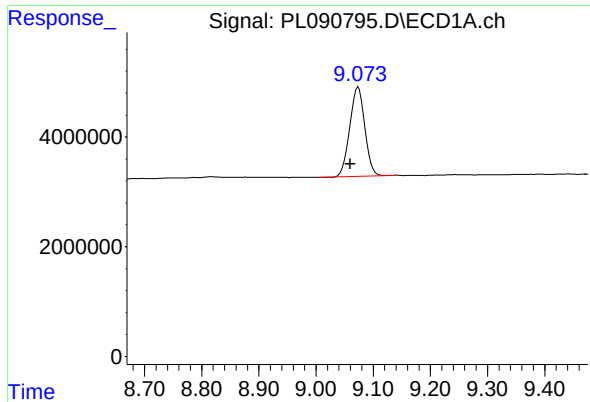
#22 Mirex

R.T.: 8.136 min
Delta R.T.: 0.015 min
Response: 9927800
Conc: 6.39 ng/ml



#22 Mirex

R.T.: 7.034 min
Delta R.T.: -0.005 min
Response: 9817230
Conc: 5.85 ng/ml



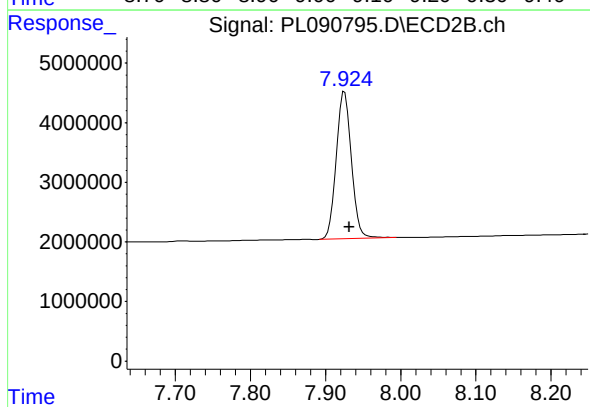
#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: 0.014 min
Response: 30028406
Conc: 20.90 ng/ml

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

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#28 Decachlorobiphenyl

R.T.: 7.925 min
Delta R.T.: -0.006 min
Response: 34628897
Conc: 20.75 ng/ml