

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

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/10/2024
 Supervised By :Ankita Jodhani 05/13/2024

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
28)	SA Decachlor...	9.069	7.949	29017963	28711345	20.742	21.344
Target Compounds							
2)	A alpha-BHC	4.006	3.300	16585780	9346717	5.816	4.954m
3)	MA gamma-BHC...	4.339	3.631	16383317	9012274	5.885	4.884m
4)	MA Heptachlor	4.927	3.974	14458327	8591406	5.830m	4.903
5)	MB Aldrin	5.271	4.255	15759157	8574736	6.136	4.850
6)	B beta-BHC	4.532	3.928	7810197	4642141	6.191m	5.686m
7)	B delta-BHC	4.781	4.161	15395689	8343893	5.805	4.638
8)	B Heptachlo...	5.695	4.759	14459001	8662191	6.165m	5.358
9)	A Endosulfan I	6.080	5.128	13242310	8154533	6.160m	5.445m
10)	B gamma-Chl...	5.951	5.009	14489311	9171102	6.339m	5.589
11)	B alpha-Chl...	6.030	5.073	14363307	9101693	6.314m	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...	6.803	5.962	12378768	8323325	6.202m	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	7.507	6.644	4942092	3577114	5.026m	4.474
21)	B Endrin ke...	7.653	6.870	12665951	9605291	6.328	6.007m
22)	Mirex	8.127	7.055	9428747	8111993	6.067m	5.946

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

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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

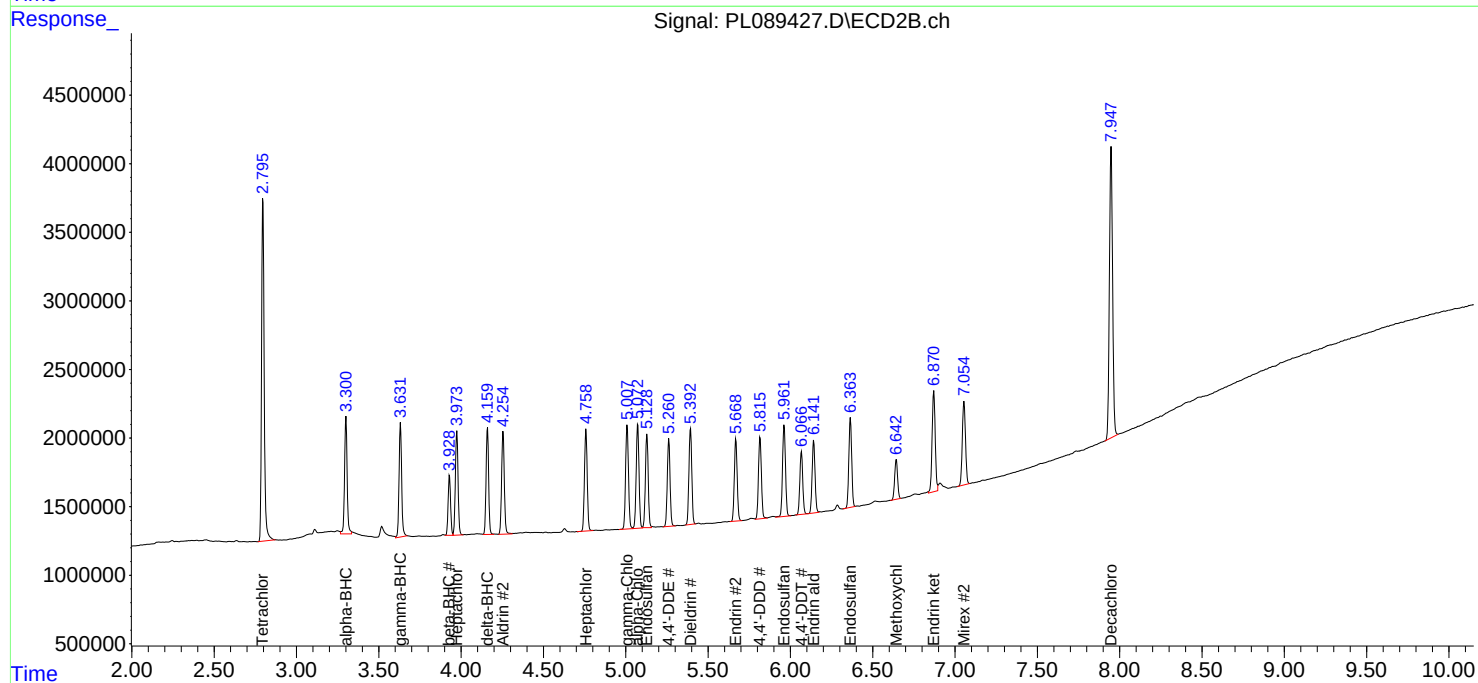
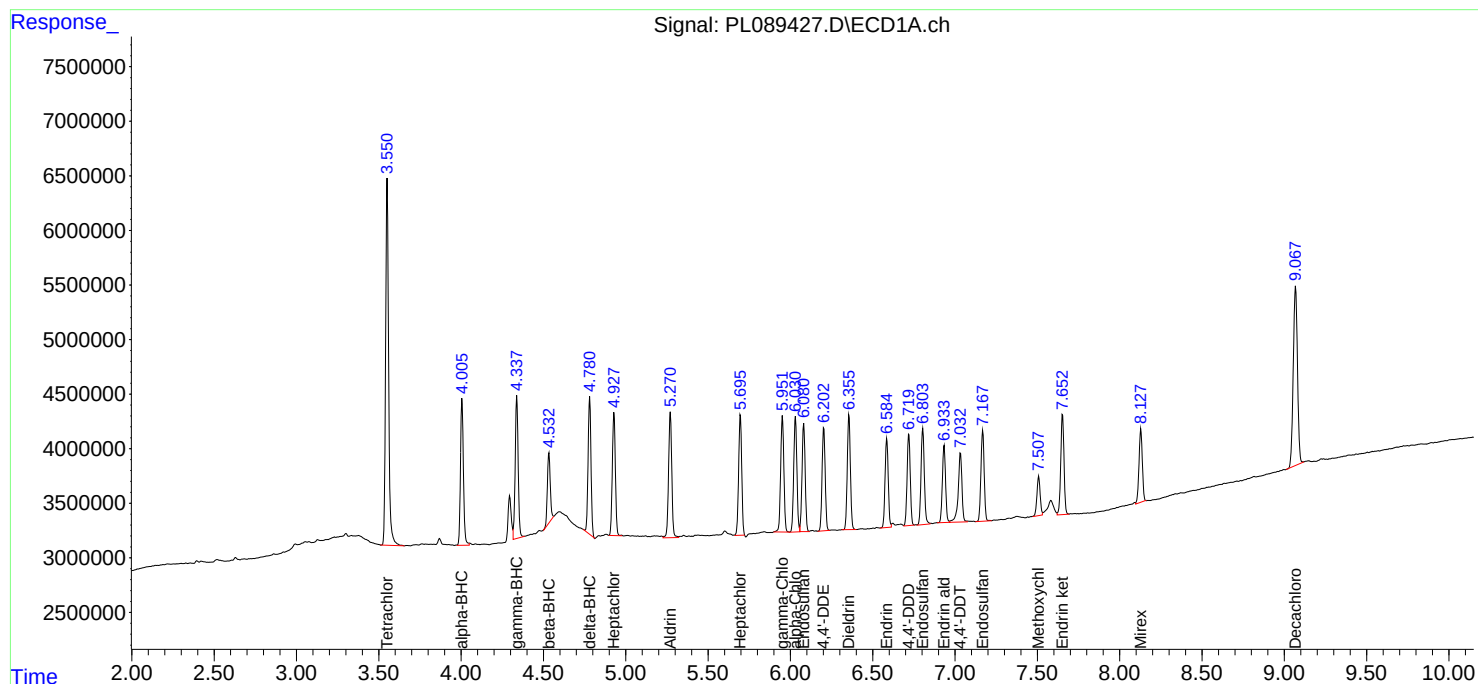
Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT2-2024

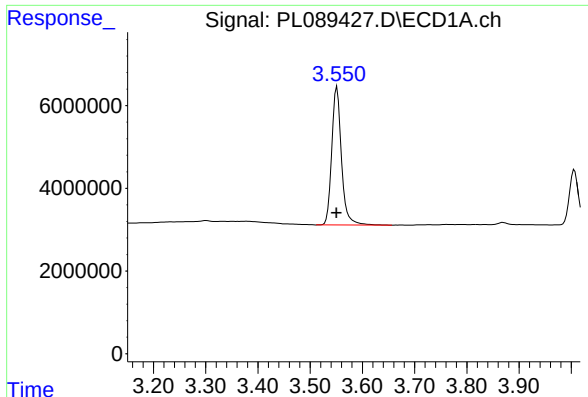
Manual Integrations
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Supervised By : Ankita Jodhani 05/13/2024

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
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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





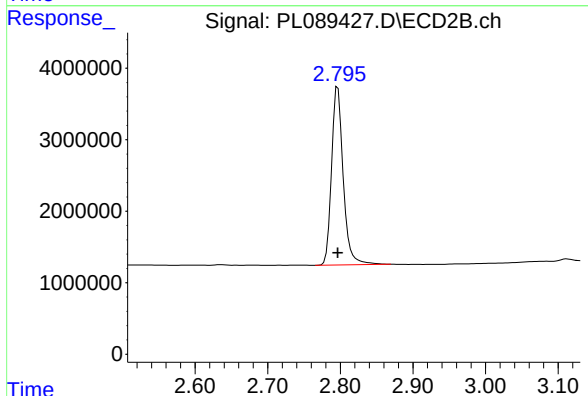
#1 Tetrachloro-m-xylene

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

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

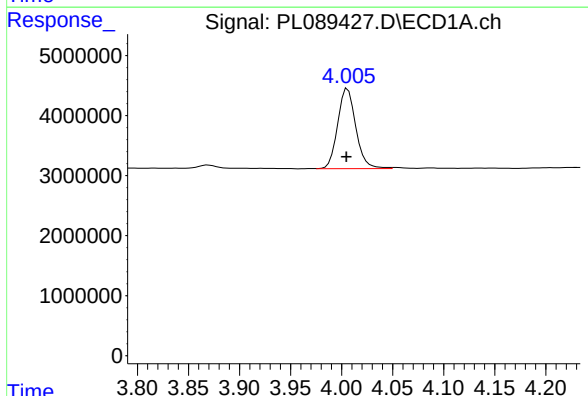
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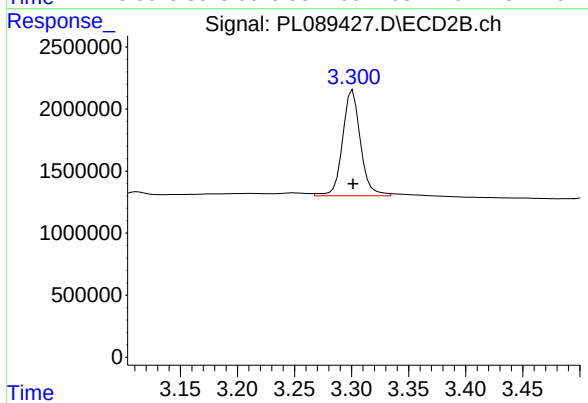
#1 Tetrachloro-m-xylene

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



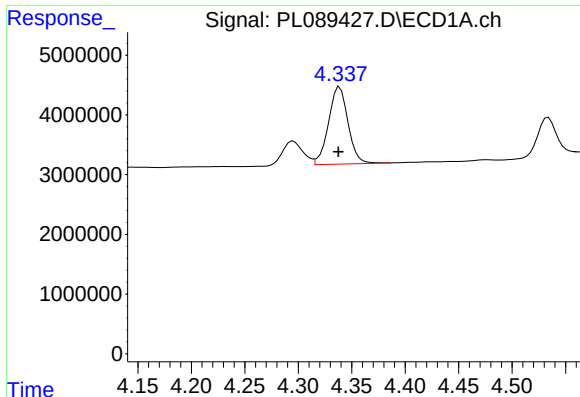
#2 alpha-BHC

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



#2 alpha-BHC

R.T.: 3.300 min
Delta R.T.: -0.002 min
Response: 9346717
Conc: 4.95 ng/ml m



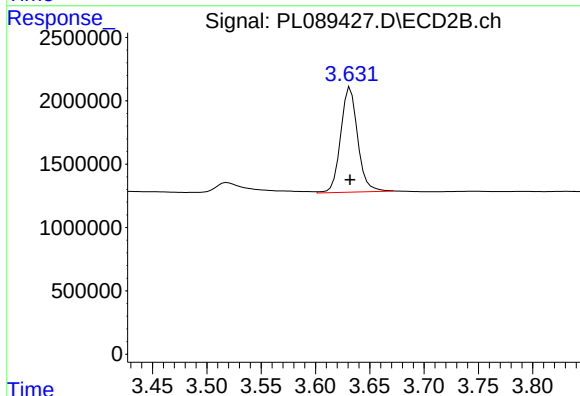
#3 gamma-BHC (Lindane)

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

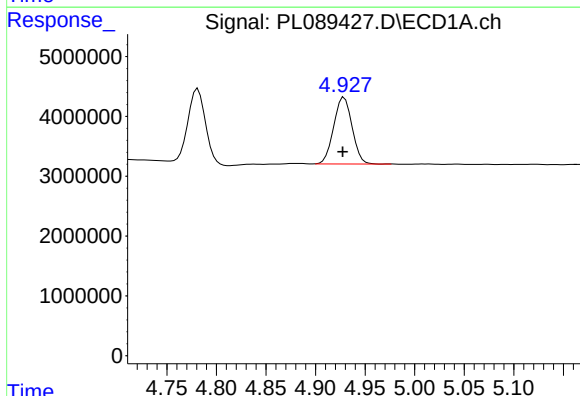
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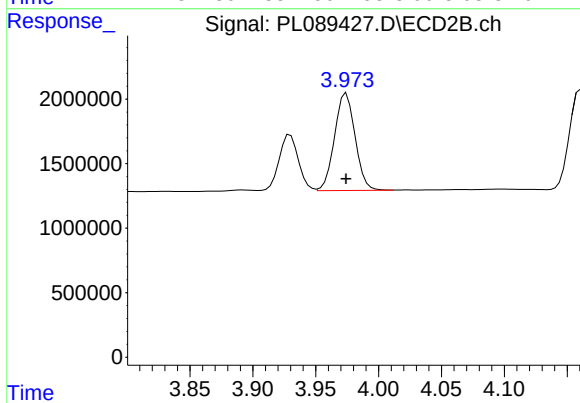
#3 gamma-BHC (Lindane)

R.T.: 3.631 min
Delta R.T.: -0.001 min
Response: 9012274
Conc: 4.88 ng/ml m



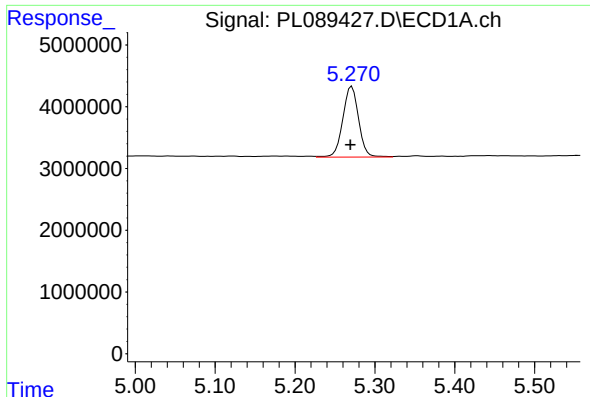
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 14458327
Conc: 5.83 ng/ml m



#4 Heptachlor

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



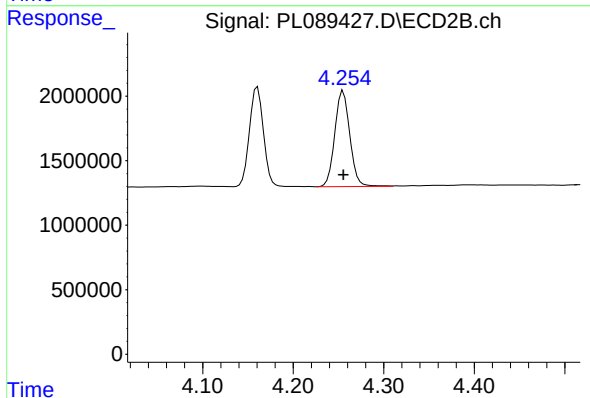
#5 Aldrin

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

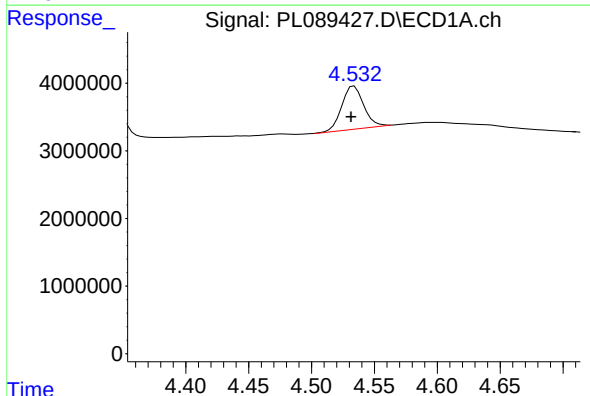
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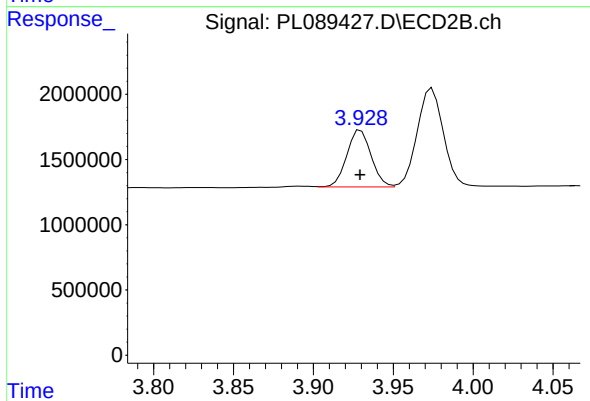
#5 Aldrin

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



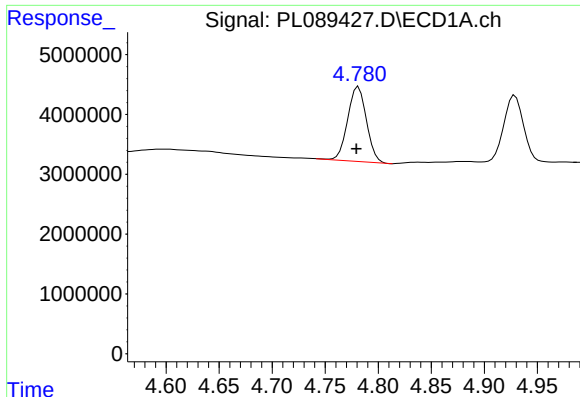
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 7810197
Conc: 6.19 ng/ml m



#6 beta-BHC

R.T.: 3.928 min
Delta R.T.: 0.000 min
Response: 4642141
Conc: 5.69 ng/ml m



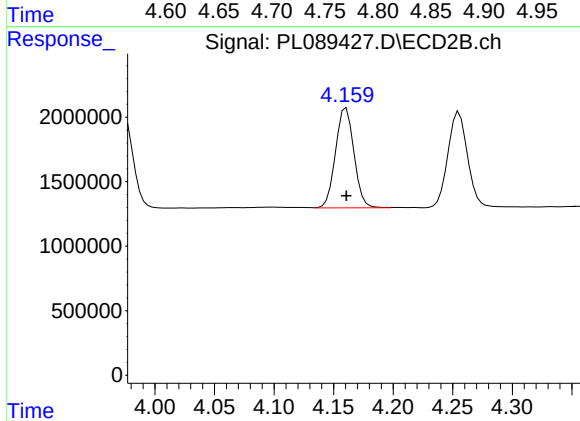
#7 delta-BHC

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

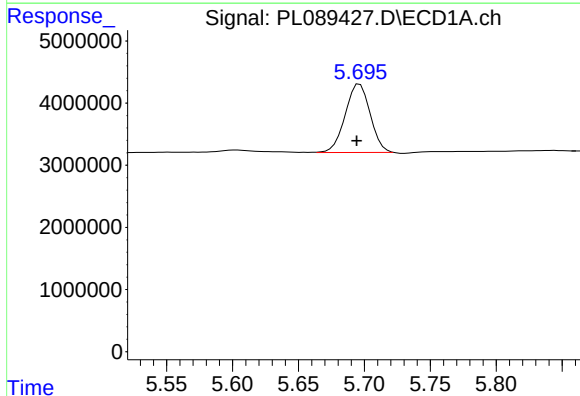
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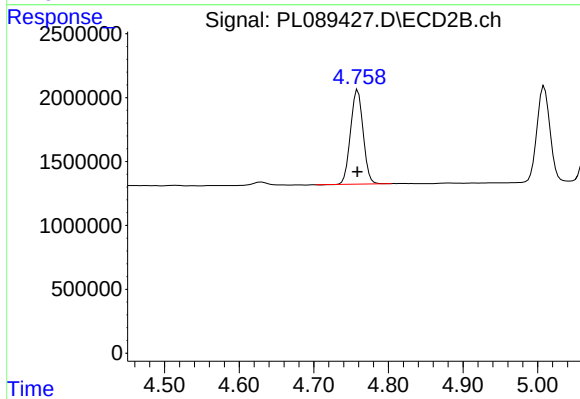
#7 delta-BHC

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



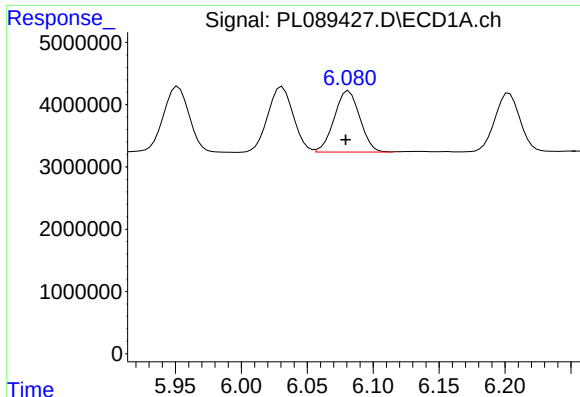
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: 0.001 min
Response: 14459001
Conc: 6.16 ng/ml m



#8 Heptachlor epoxide

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



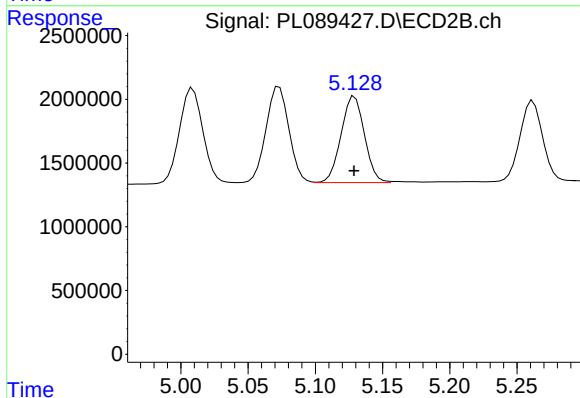
#9 Endosulfan I

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 13242310
Conc: 6.16 ng/ml

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

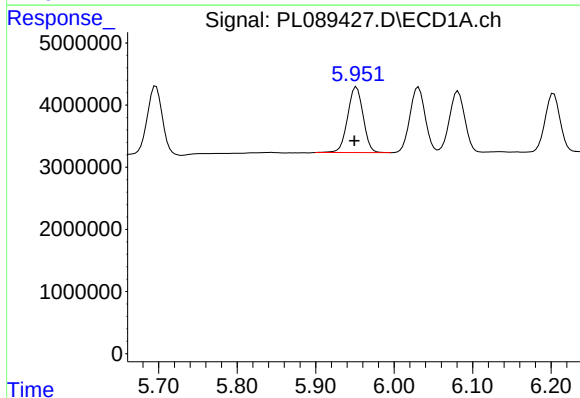
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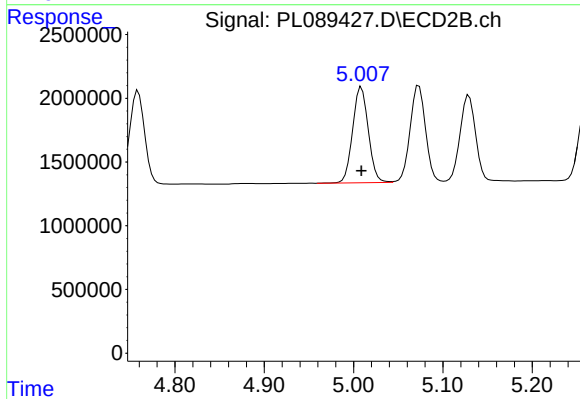
#9 Endosulfan I

R.T.: 5.128 min
Delta R.T.: -0.001 min
Response: 8154533
Conc: 5.44 ng/ml m



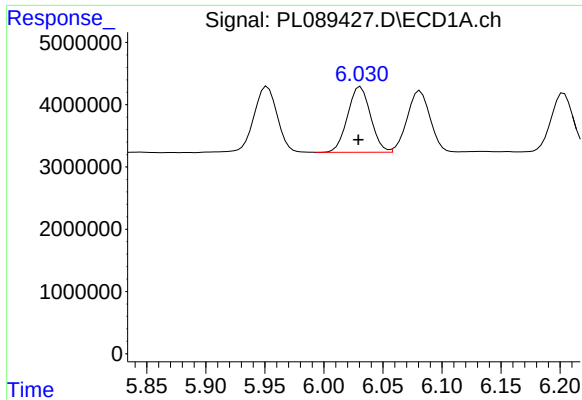
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: 0.001 min
Response: 14489311
Conc: 6.34 ng/ml m



#10 gamma-Chlordane

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



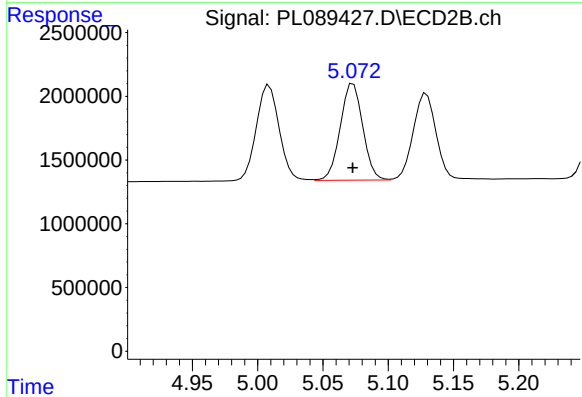
#11 alpha-Chlordane

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 14363307
Conc: 6.31 ng/ml

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

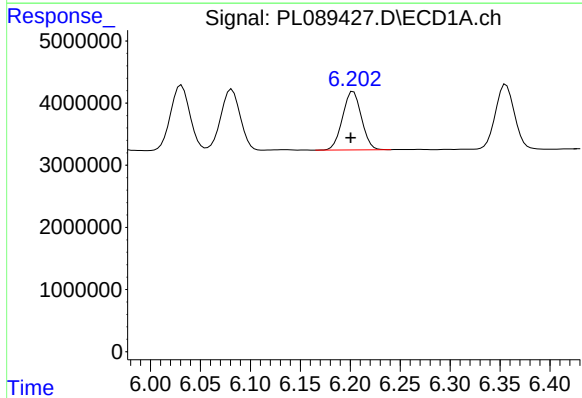
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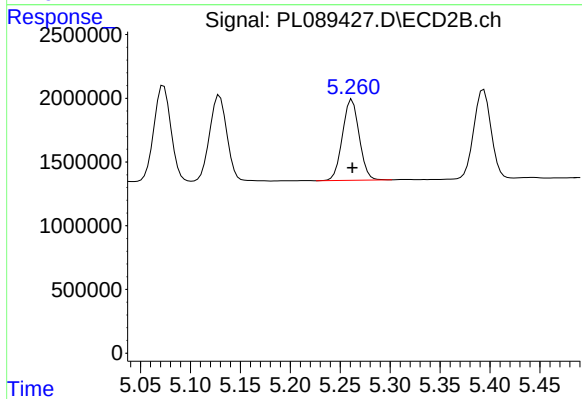
#11 alpha-Chlordane

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



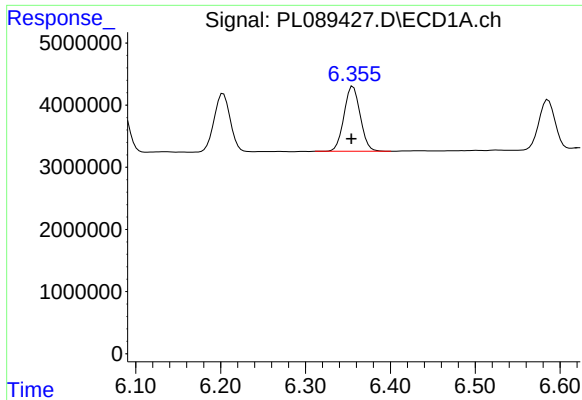
#12 4,4'-DDE

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



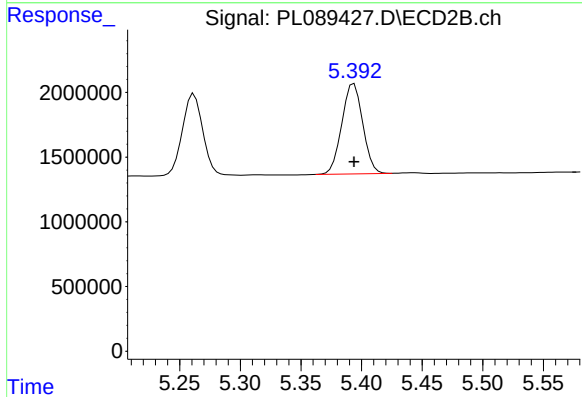
#13 Dieldrin

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

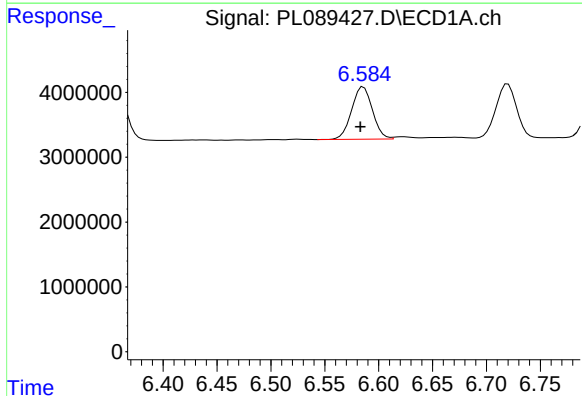
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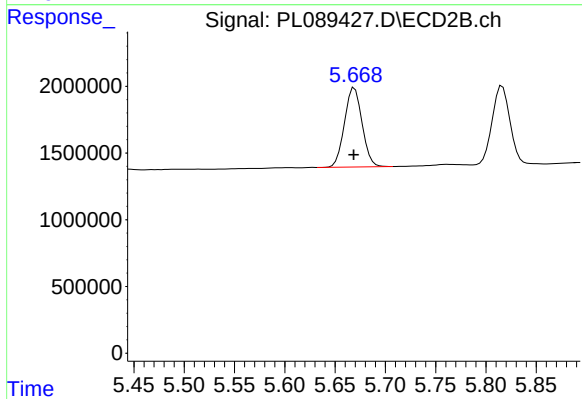
#13 Dieldrin

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



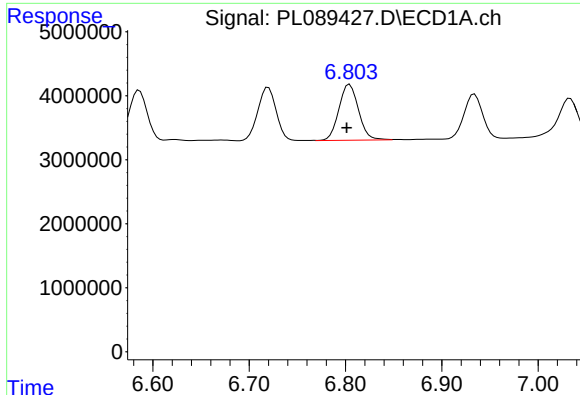
#14 Endrin

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



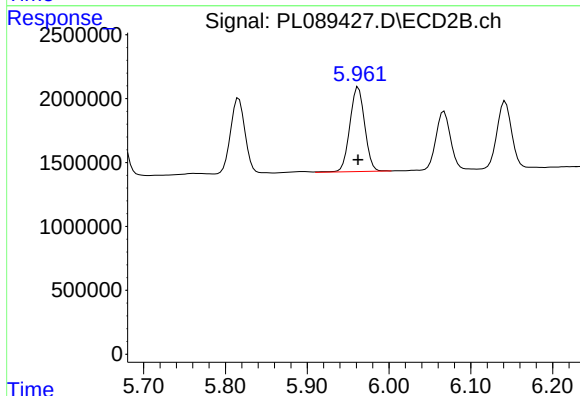
#15 Endosulfan II

R.T.: 6.803 min
Delta R.T.: 0.002 min
Response: 12378768
Conc: 6.20 ng/ml

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

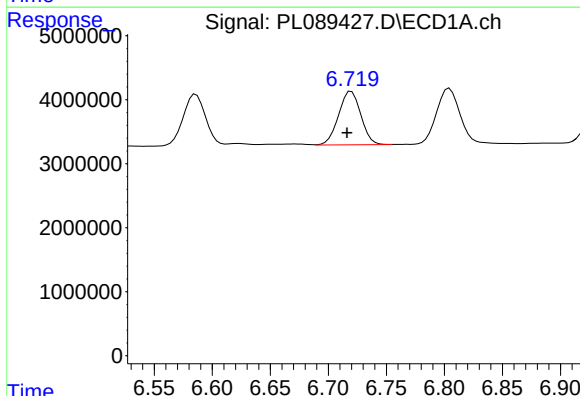
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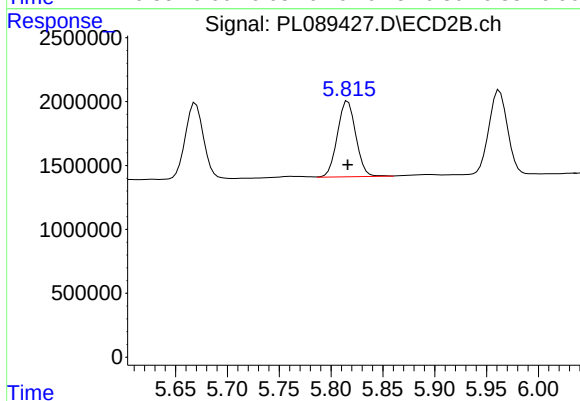
#15 Endosulfan II

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



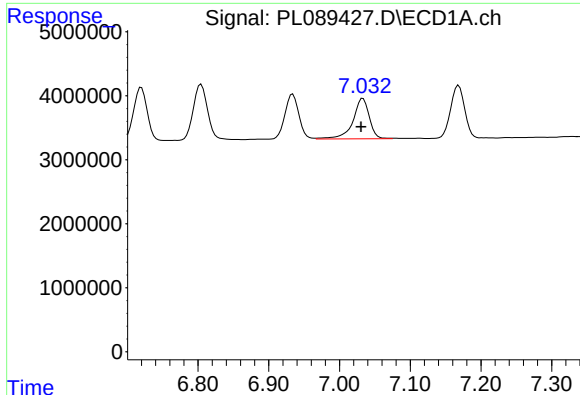
#16 4,4'-DDD

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



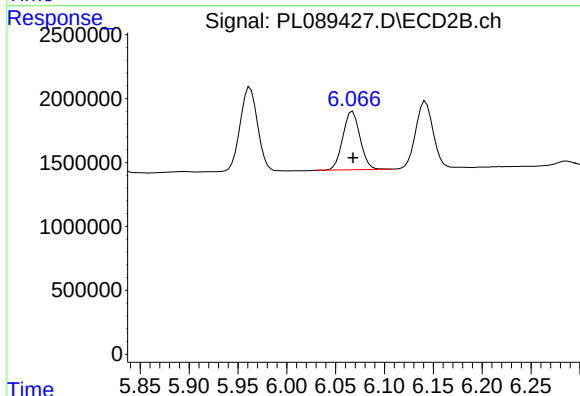
#17 4,4'-DDT

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

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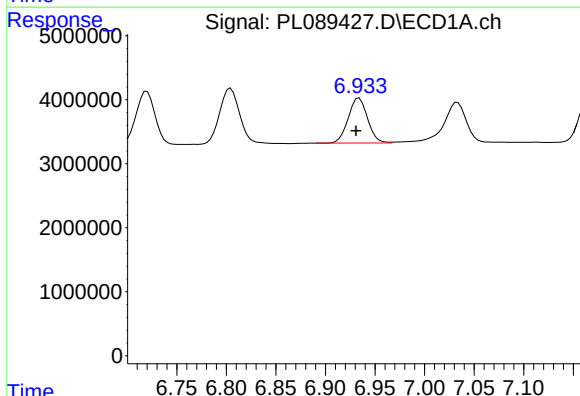
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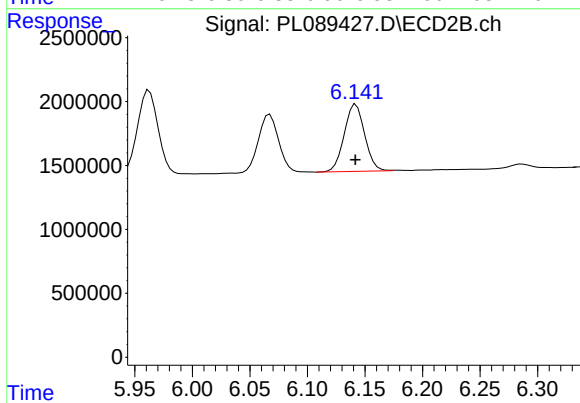
#17 4,4'-DDT

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



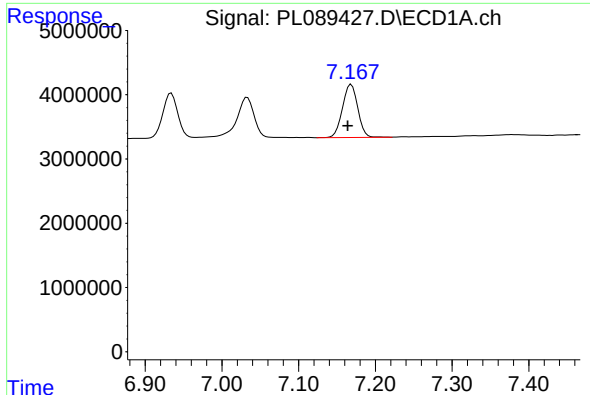
#18 Endrin aldehyde

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



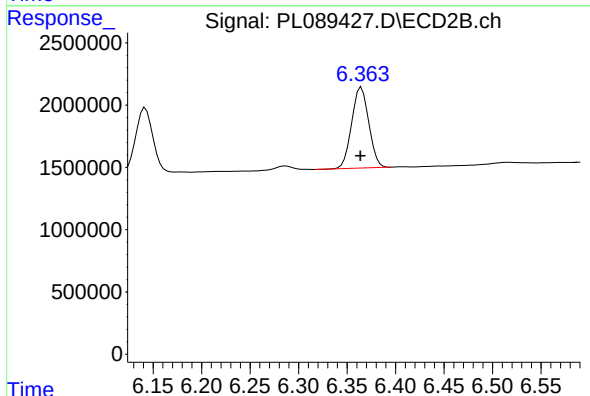
#19 Endosulfan Sulfate

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

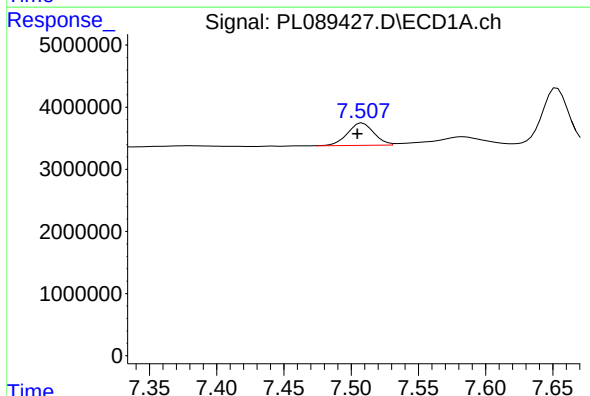
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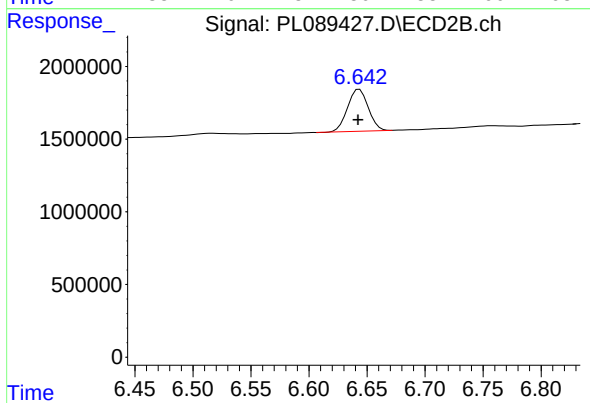
#19 Endosulfan Sulfate

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



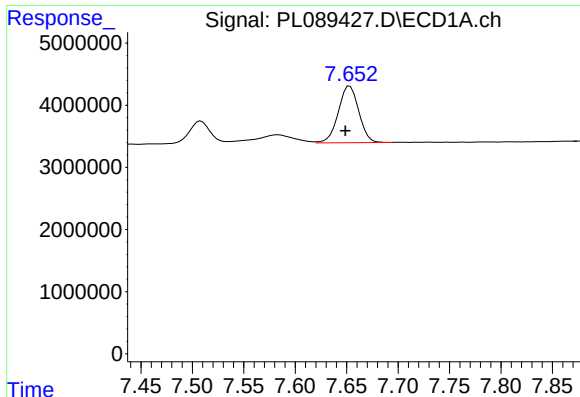
#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: 0.003 min
Response: 4942092
Conc: 5.03 ng/ml m



#20 Methoxychlor

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



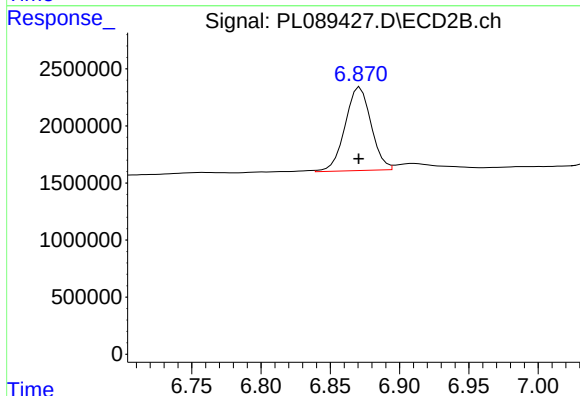
#21 Endrin ketone

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

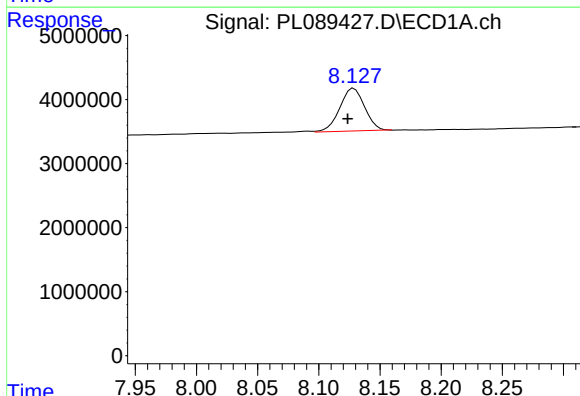
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/10/2024
Supervised By :Ankita Jodhani 05/13/2024



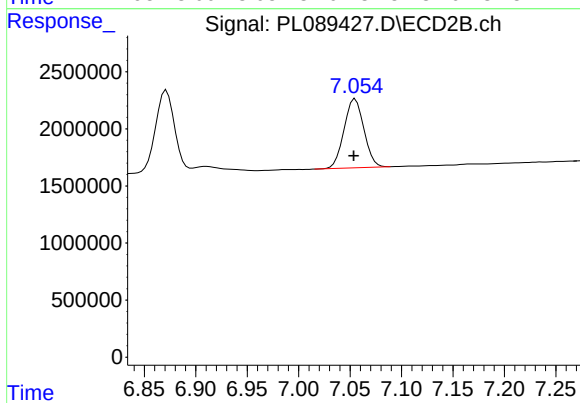
#21 Endrin ketone

R.T.: 6.870 min
Delta R.T.: 0.000 min
Response: 9605291
Conc: 6.01 ng/ml m



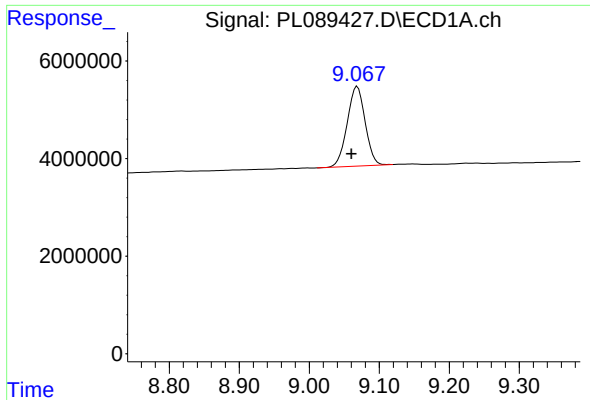
#22 Mirex

R.T.: 8.127 min
Delta R.T.: 0.004 min
Response: 9428747
Conc: 6.07 ng/ml m



#22 Mirex

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



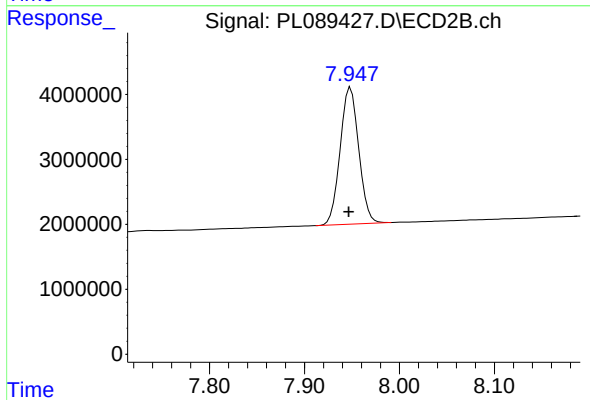
#28 Decachlorobiphenyl

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

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

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#28 Decachlorobiphenyl

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