

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102523\
 Data File : PD079148.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Oct 2023 14:54
 Operator : AR\AJ
 Sample : 04699-08
 Misc : PEST LOQ 5PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-WATER-02-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/26/2023
 Supervised By :Ankita Jodhani 10/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 26 01:37:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 20 04:44:01 2023
 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 x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.570	2.806	27330799	40821016	16.927	17.631
28)	SA Decachlor...	9.117	7.955	35389189	45629268	17.641	18.720
Target Compounds							
2)	A alpha-BHC	4.027	3.309	10816980	14539429	4.063	4.193
3)	MA gamma-BHC...	4.360	3.639	10606580	14503392	4.081	4.271
4)	MA Heptachlor	4.953	3.982	12710233	14081997	4.752	4.611
5)	MB Aldrin	5.297	4.264	11643354	14206659	4.519	4.343
6)	B beta-BHC	4.553	3.933	5259537	6514258	4.908	4.623m
7)	B delta-BHC	4.801	4.166	11787987	13930507	4.403m	4.161
8)	B Heptachlo...	5.722	4.765	11426155	13853043	4.875	4.673
9)	A Endosulfan I	6.109	5.136	10908521	12486609	5.032	4.716
10)	B gamma-Chl...	5.978	5.016	11255026	13432913	4.909	4.681
11)	B alpha-Chl...	6.058	5.080	11297979	13438742	4.955	4.683
12)	B 4,4'-DDE	6.229	5.269	9825139	12015629	4.650	4.513
13)	MA Dieldrin	6.385	5.401	10662708	13249184	4.579	4.461
14)	MA Endrin	6.615	5.676	9251153	12118753	4.750	4.736
15)	B Endosulfa...	6.833	5.968	9624372	11427249	4.719	4.577
16)	A 4,4'-DDD	6.744	5.823	7902748	10435380	4.495m	4.568
17)	MA 4,4'-DDT	7.061	6.075	8313655	10301544	4.390	4.500
18)	B Endrin al...	6.961	6.148	7014512	8769059	4.542m	4.716
19)	B Endosulfa...	7.197	6.370	9332509	11556126	4.694	4.949
20)	A Methoxychlor	7.535	6.650	4796249	6644010	4.377	4.894
21)	B Endrin ke...	7.684	6.877	9788901	12903514	4.490	4.615
22)	Mirex	8.161	7.063	8599063	11217753	5.080	5.251

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

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Data File : PD079148.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 14:54
Operator : AR\AJ
Sample : 04699-08
Misc : PEST LOQ 5PPB
ALS Vial : 12 Sample Multiplier: 1

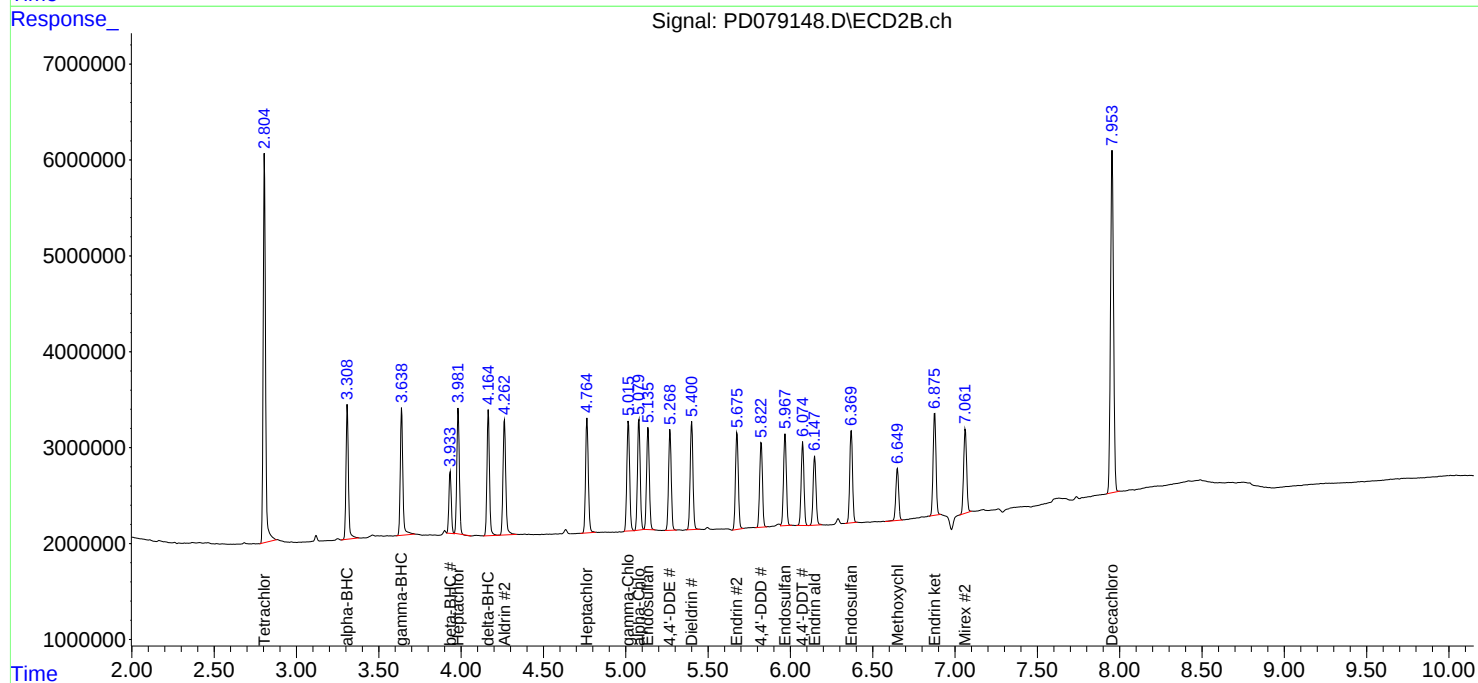
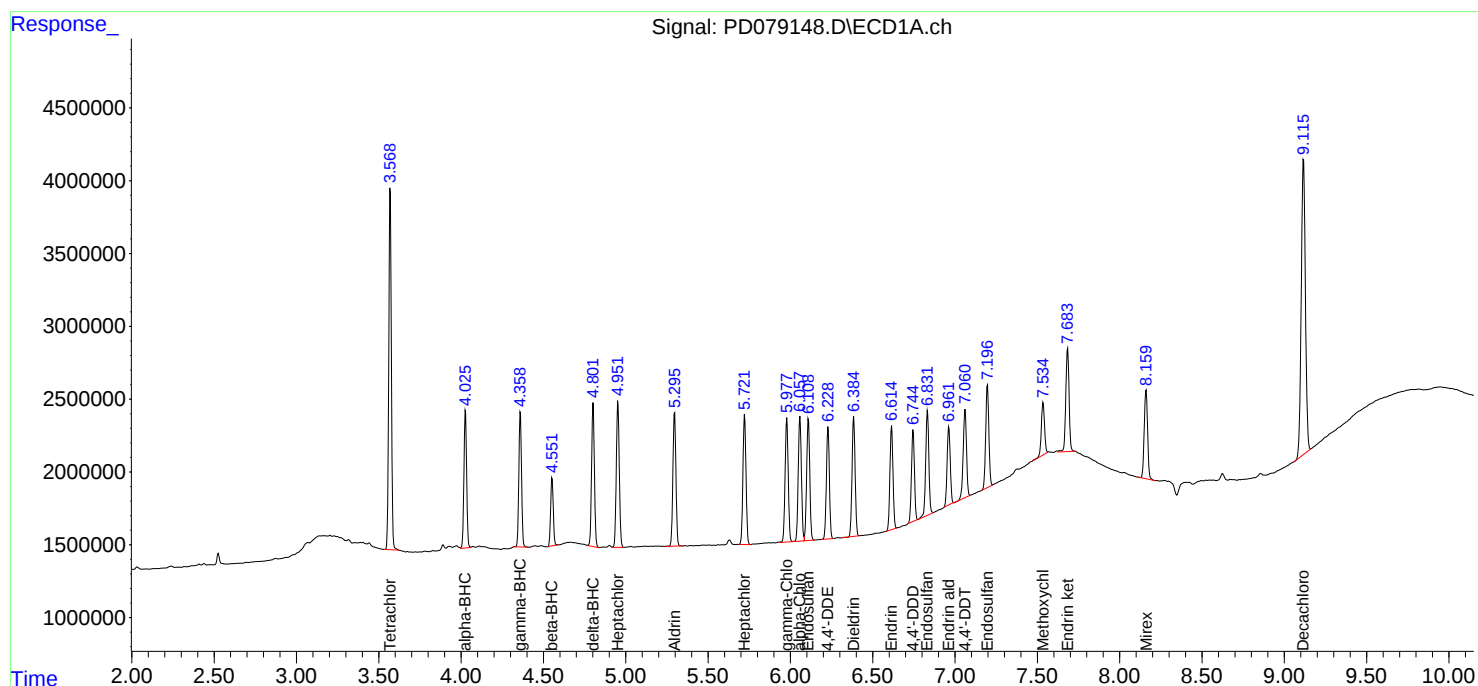
Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2023

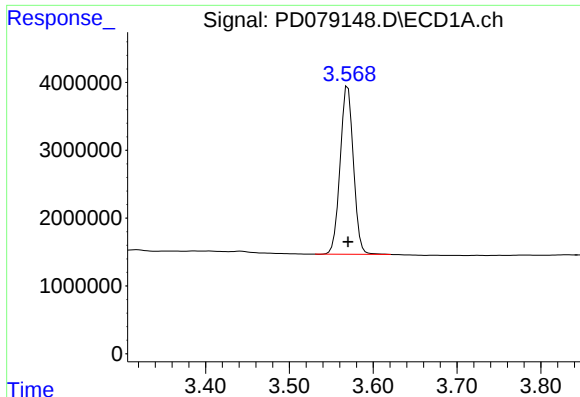
Manual Integrations
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Supervised By : Ankita Jodhani 10/26/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 26 01:37:35 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
Quant Title : GC Extractables
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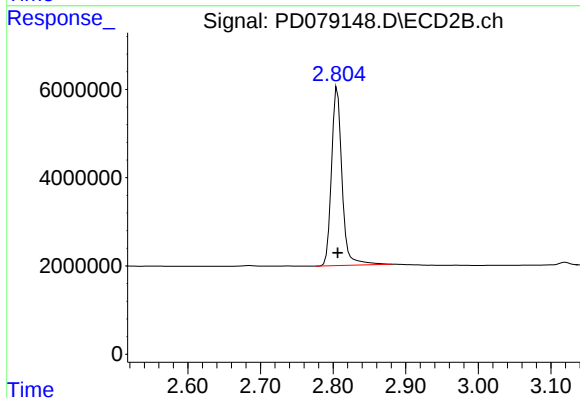
#1 Tetrachloro-m-xylene

R.T.: 3.570 min
Delta R.T.: 0.000 min
Response: 27330799
Conc: 16.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
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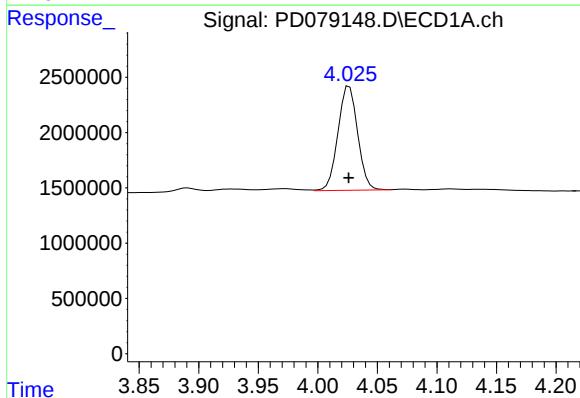
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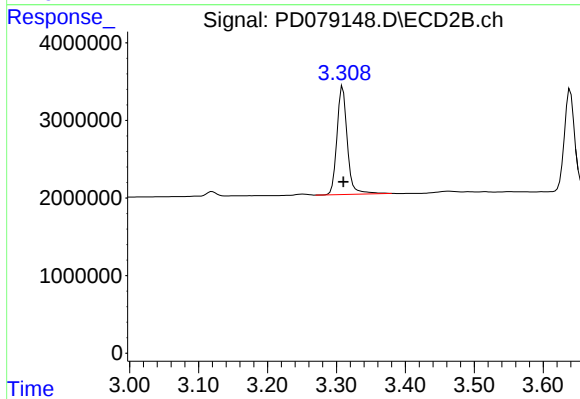
#1 Tetrachloro-m-xylene

R.T.: 2.806 min
Delta R.T.: 0.000 min
Response: 40821016
Conc: 17.63 ng/ml



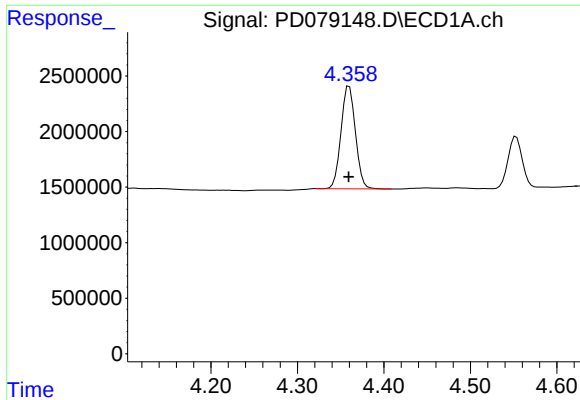
#2 alpha-BHC

R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 10816980
Conc: 4.06 ng/ml



#2 alpha-BHC

R.T.: 3.309 min
Delta R.T.: 0.000 min
Response: 14539429
Conc: 4.19 ng/ml



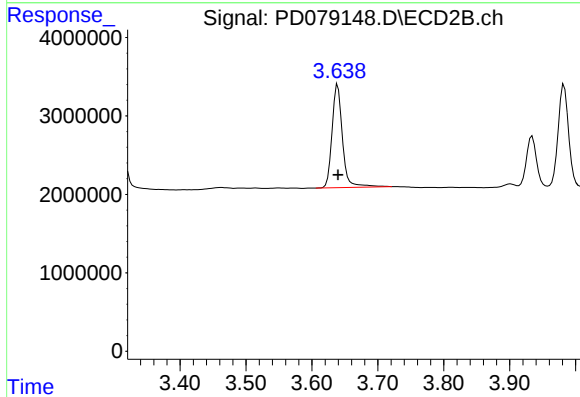
#3 gamma-BHC (Lindane)

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 10606580
Conc: 4.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2023

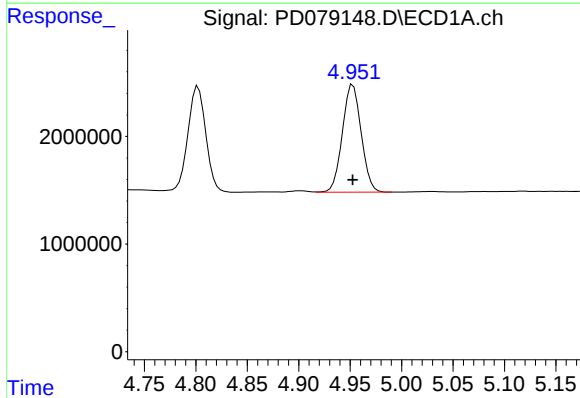
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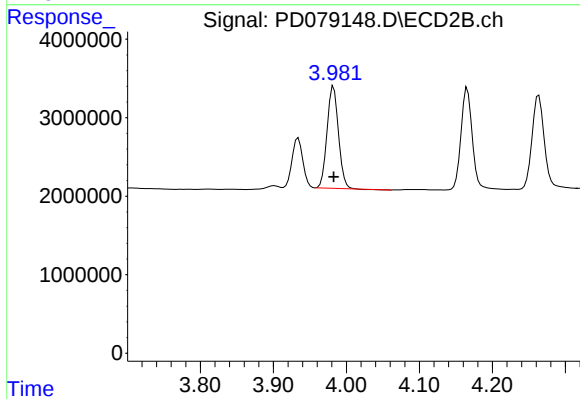
#3 gamma-BHC (Lindane)

R.T.: 3.639 min
Delta R.T.: 0.000 min
Response: 14503392
Conc: 4.27 ng/ml



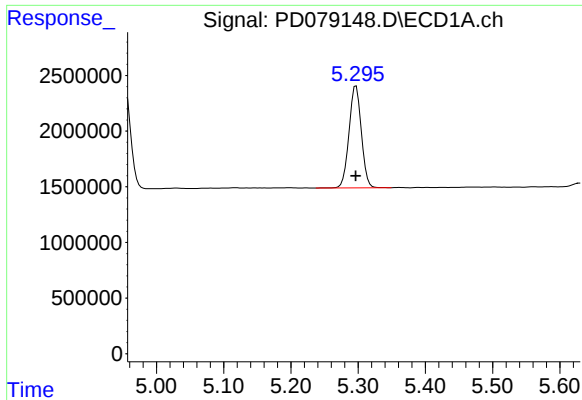
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: 0.000 min
Response: 12710233
Conc: 4.75 ng/ml



#4 Heptachlor

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 14081997
Conc: 4.61 ng/ml



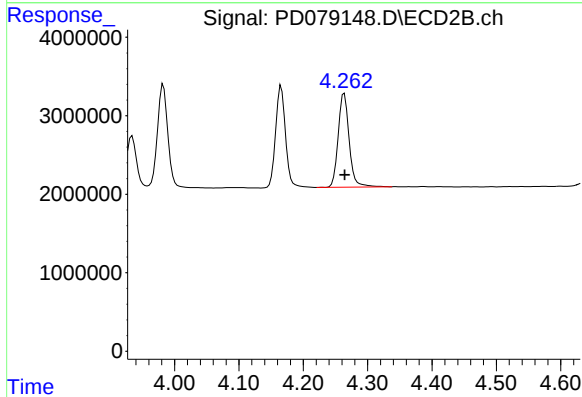
#5 Aldrin

R.T.: 5.297 min
Delta R.T.: 0.000 min
Response: 11643354
Conc: 4.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2023

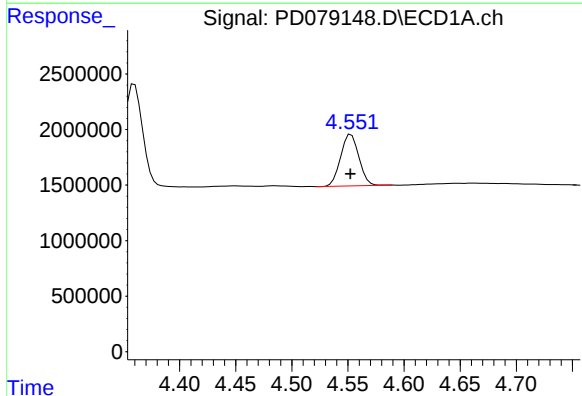
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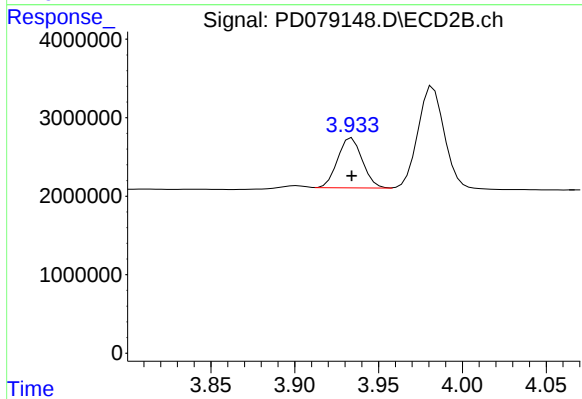
#5 Aldrin

R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 14206659
Conc: 4.34 ng/ml



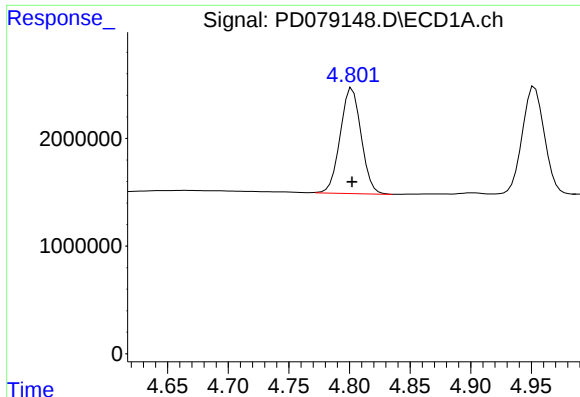
#6 beta-BHC

R.T.: 4.553 min
Delta R.T.: 0.000 min
Response: 5259537
Conc: 4.91 ng/ml



#6 beta-BHC

R.T.: 3.933 min
Delta R.T.: -0.001 min
Response: 6514258
Conc: 4.62 ng/ml m



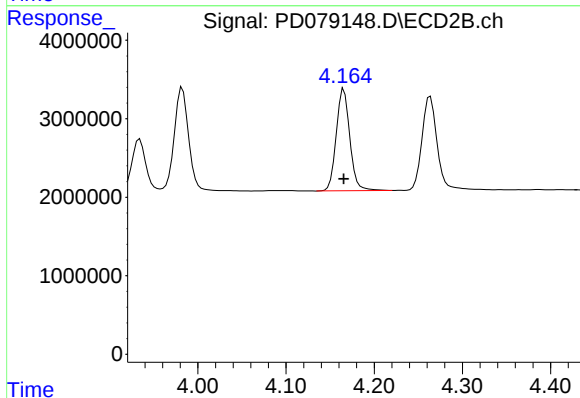
#7 delta-BHC

R.T.: 4.801 min
Delta R.T.: -0.001 min
Response: 11787987
Conc: 4.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2023

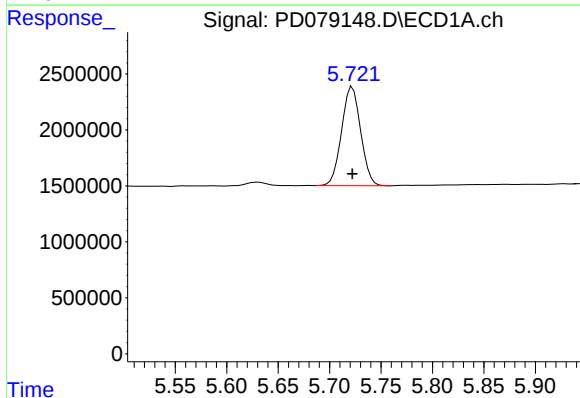
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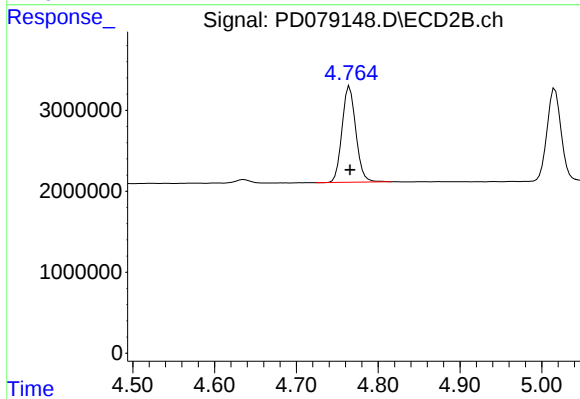
#7 delta-BHC

R.T.: 4.166 min
Delta R.T.: 0.000 min
Response: 13930507
Conc: 4.16 ng/ml



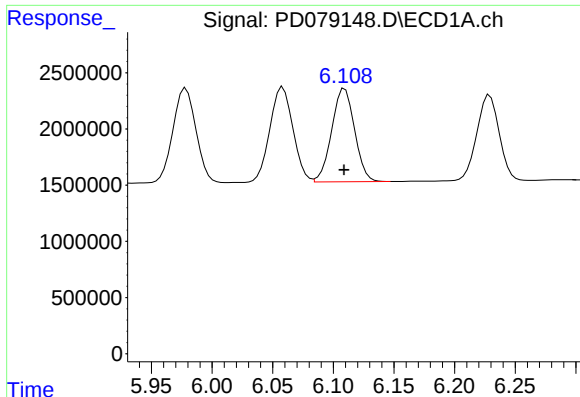
#8 Heptachlor epoxide

R.T.: 5.722 min
Delta R.T.: 0.000 min
Response: 11426155
Conc: 4.88 ng/ml



#8 Heptachlor epoxide

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 13853043
Conc: 4.67 ng/ml



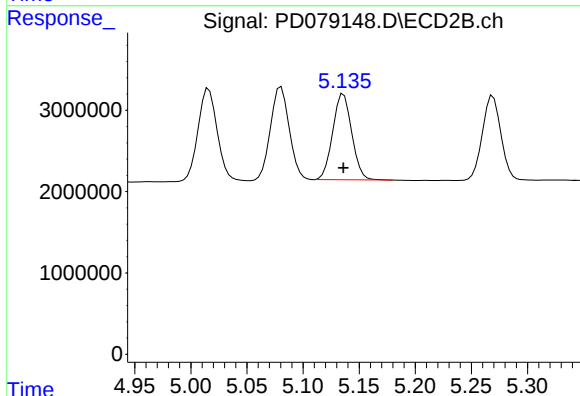
#9 Endosulfan I

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 10908521
Conc: 5.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2023

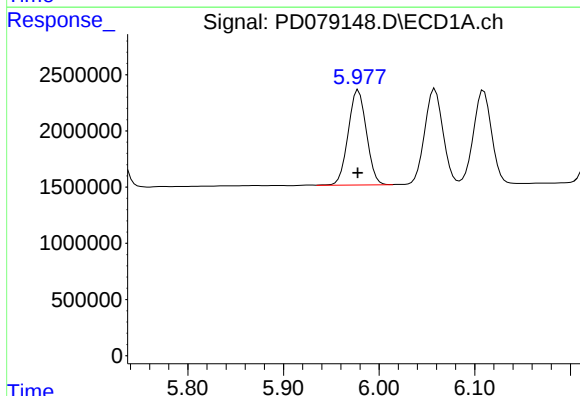
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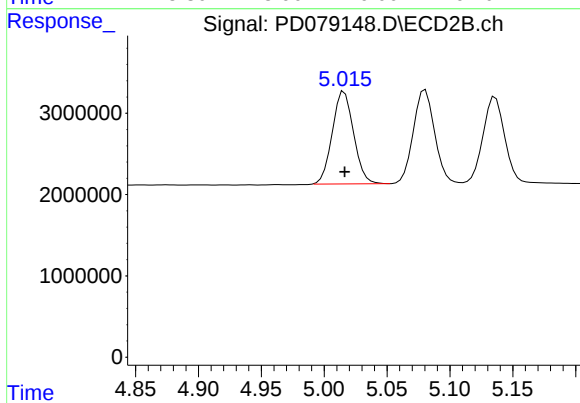
#9 Endosulfan I

R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 12486609
Conc: 4.72 ng/ml



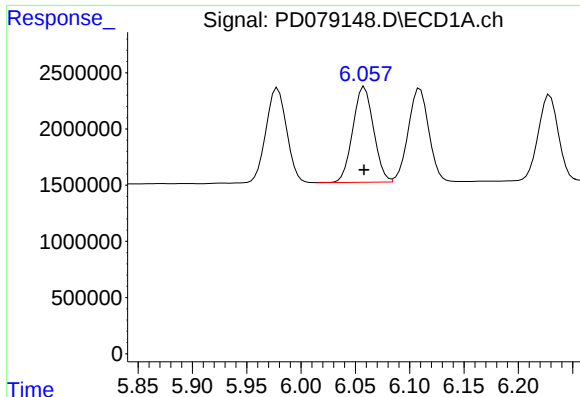
#10 gamma-Chlordane

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 11255026
Conc: 4.91 ng/ml



#10 gamma-Chlordane

R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 13432913
Conc: 4.68 ng/ml



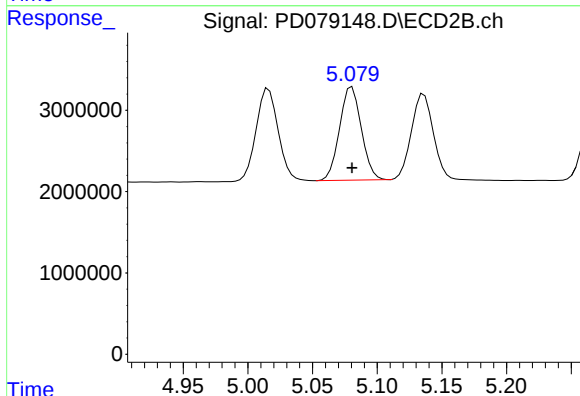
#11 alpha-Chlordane

R.T.: 6.058 min
Delta R.T.: 0.000 min
Response: 11297979
Conc: 4.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2023

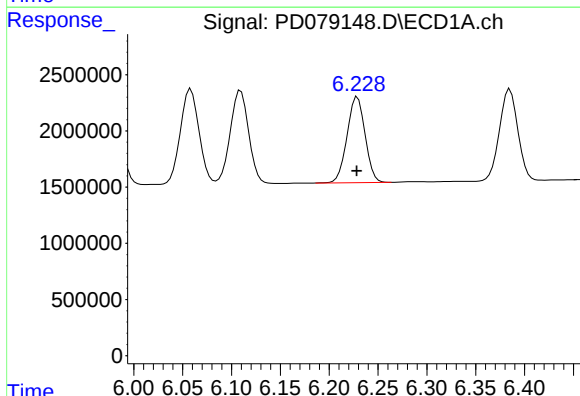
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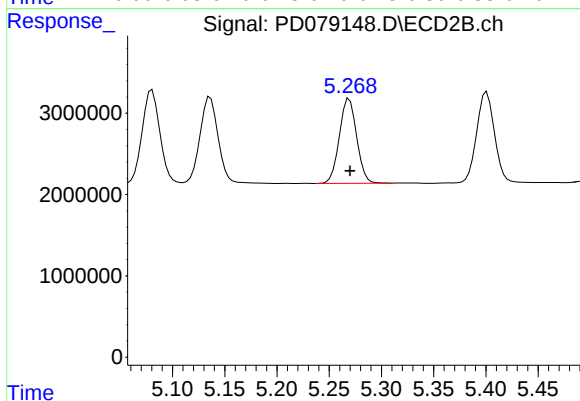
#11 alpha-Chlordane

R.T.: 5.080 min
Delta R.T.: 0.000 min
Response: 13438742
Conc: 4.68 ng/ml



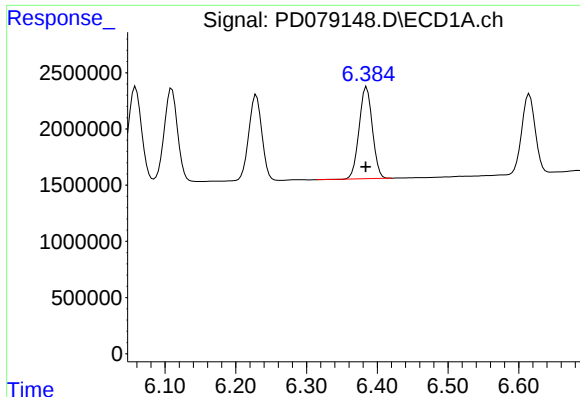
#12 4,4'-DDE

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 9825139
Conc: 4.65 ng/ml



#12 4,4'-DDE

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 12015629
Conc: 4.51 ng/ml



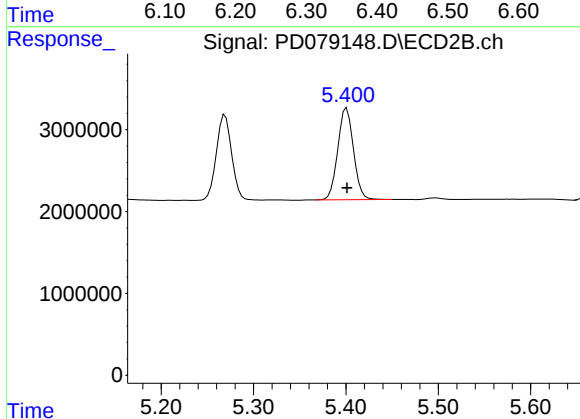
#13 Dieldrin

R.T.: 6.385 min
Delta R.T.: 0.001 min
Response: 10662708
Conc: 4.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2023

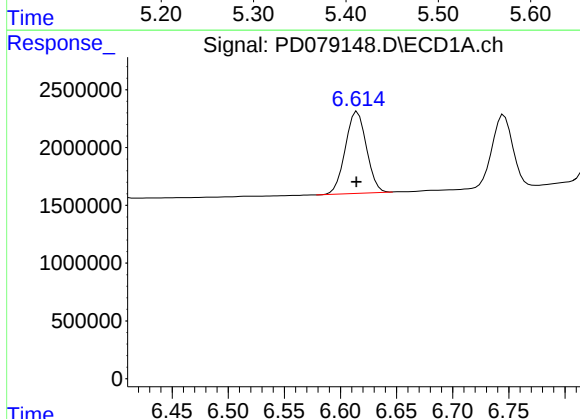
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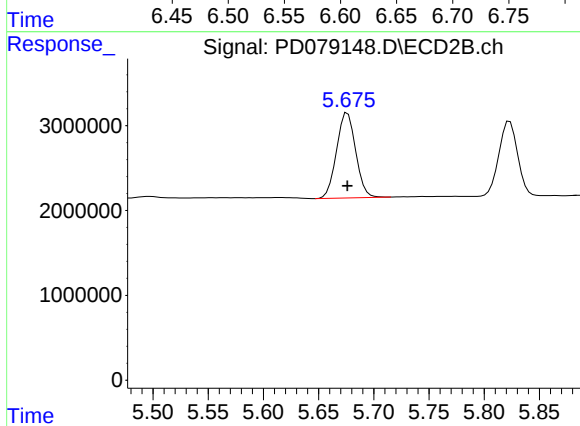
#13 Dieldrin

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 13249184
Conc: 4.46 ng/ml



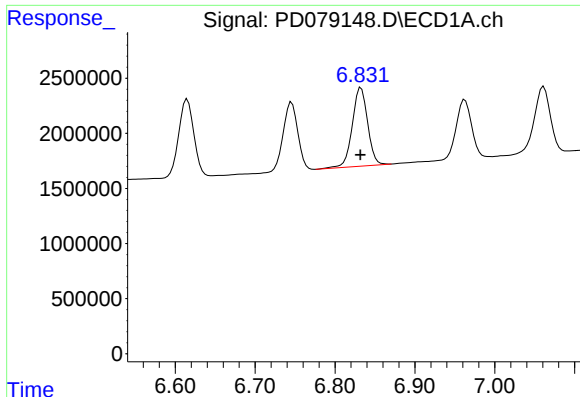
#14 Endrin

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 9251153
Conc: 4.75 ng/ml



#14 Endrin

R.T.: 5.676 min
Delta R.T.: 0.000 min
Response: 12118753
Conc: 4.74 ng/ml



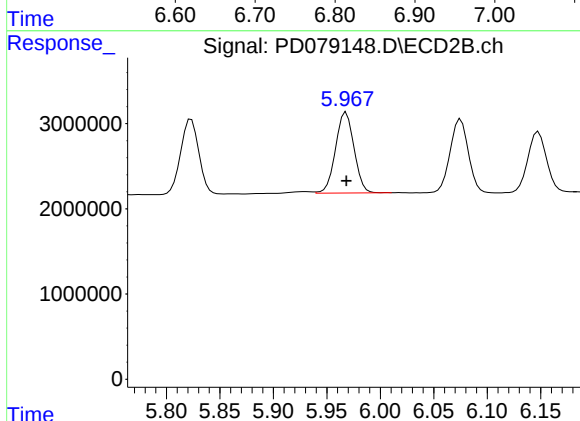
#15 Endosulfan II

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 9624372
Conc: 4.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2023

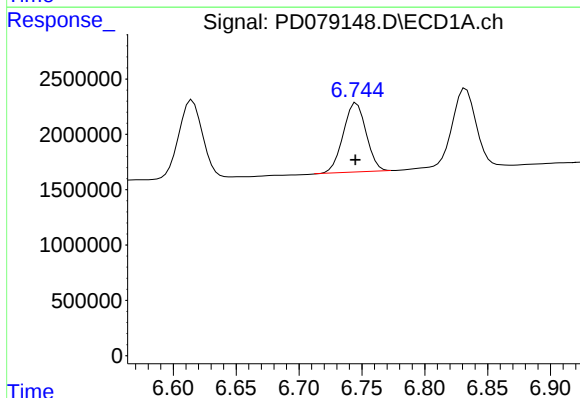
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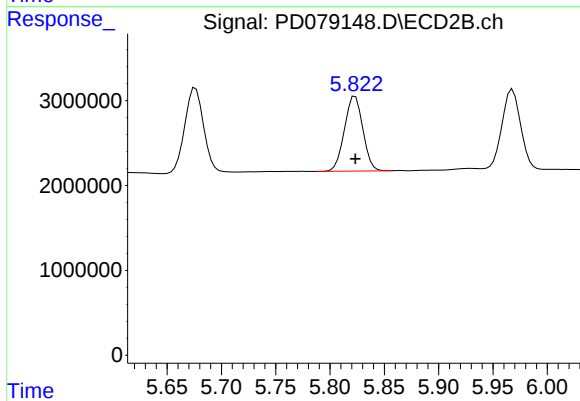
#15 Endosulfan II

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 11427249
Conc: 4.58 ng/ml



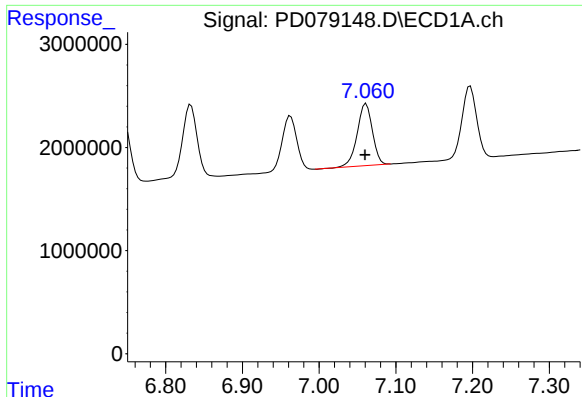
#16 4,4'-DDD

R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 7902748
Conc: 4.50 ng/ml m



#16 4,4'-DDD

R.T.: 5.823 min
Delta R.T.: 0.000 min
Response: 10435380
Conc: 4.57 ng/ml



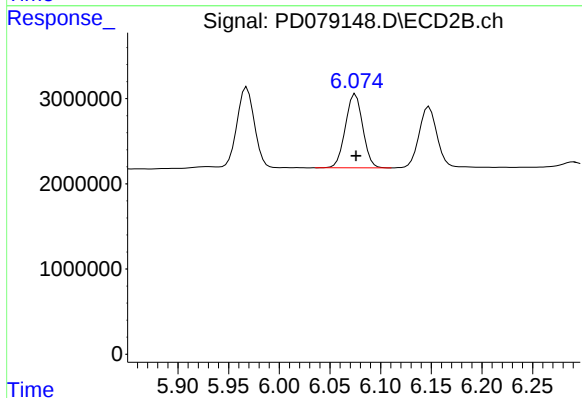
#17 4,4'-DDT

R.T.: 7.061 min
Delta R.T.: 0.001 min
Response: 8313655
Conc: 4.39 ng/ml

Instrument :
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ClientSampleId :
LOQ-WATER-02-QT4-2023

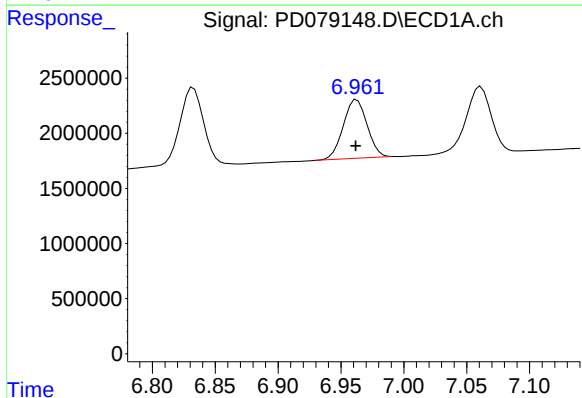
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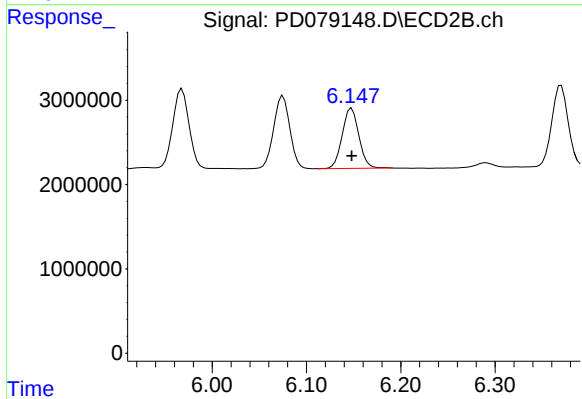
#17 4,4'-DDT

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 10301544
Conc: 4.50 ng/ml



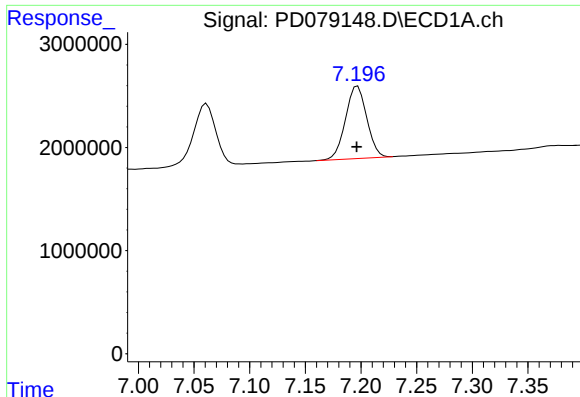
#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: 0.000 min
Response: 7014512
Conc: 4.54 ng/ml m



#18 Endrin aldehyde

R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 8769059
Conc: 4.72 ng/ml



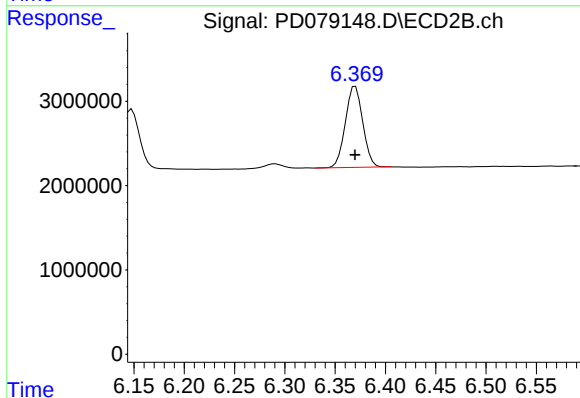
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: 0.000 min
Response: 9332509
Conc: 4.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2023

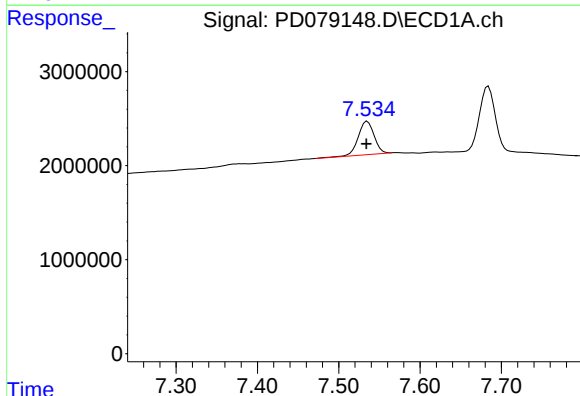
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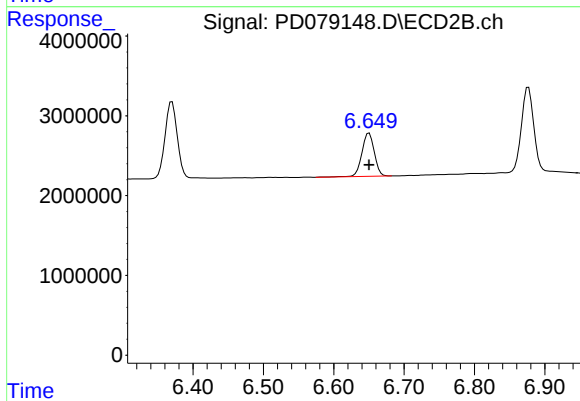
#19 Endosulfan Sulfate

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 11556126
Conc: 4.95 ng/ml



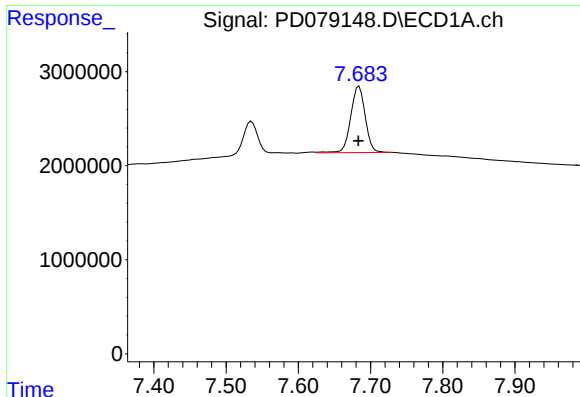
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.001 min
Response: 4796249
Conc: 4.38 ng/ml



#20 Methoxychlor

R.T.: 6.650 min
Delta R.T.: 0.000 min
Response: 6644010
Conc: 4.89 ng/ml



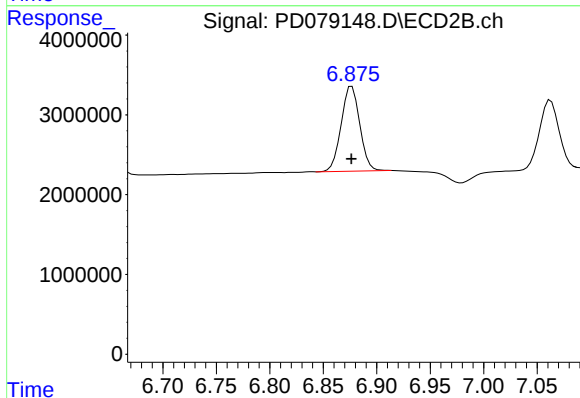
#21 Endrin ketone

R.T.: 7.684 min
Delta R.T.: 0.000 min
Response: 9788901
Conc: 4.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2023

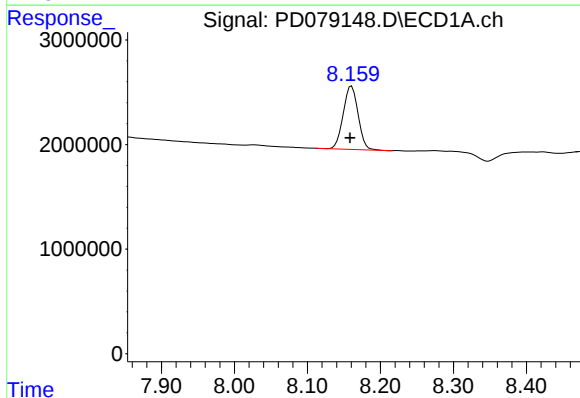
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/26/2023
Supervised By :Ankita Jodhani 10/26/2023



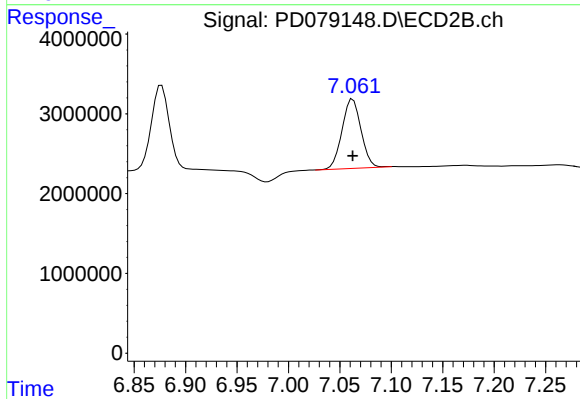
#21 Endrin ketone

R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 12903514
Conc: 4.62 ng/ml



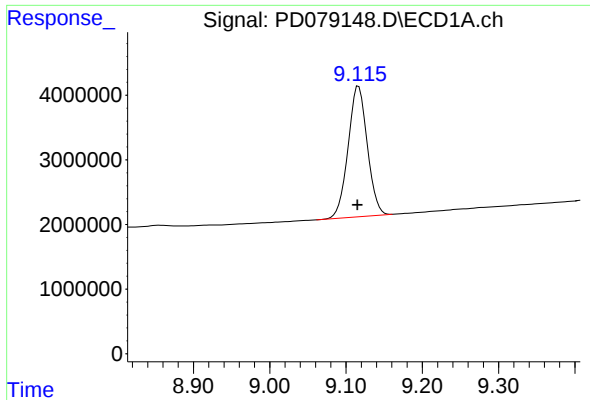
#22 Mirex

R.T.: 8.161 min
Delta R.T.: 0.002 min
Response: 8599063
Conc: 5.08 ng/ml



#22 Mirex

R.T.: 7.063 min
Delta R.T.: 0.000 min
Response: 11217753
Conc: 5.25 ng/ml



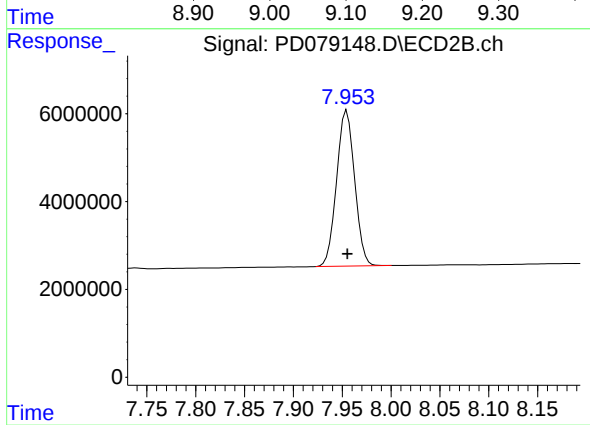
#28 Decachlorobiphenyl

R.T.: 9.117 min
Delta R.T.: 0.002 min
Response: 35389189
Conc: 17.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.955 min
Delta R.T.: 0.000 min
Response: 45629268
Conc: 18.72 ng/ml