

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012424\
 Data File : PD080860.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jan 2024 22:25
 Operator : AR\AJ
 Sample : P1187-07
 Misc : PEST LOD 2.5PPB
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/25/2024
 Supervised By :Ankita Jodhani 01/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 25 00:59:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 24 20:16:38 2024
 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...	3.565	2.796	32929910	54046969	23.197	22.593
28)	SA Decachlor...	9.109	7.933	48536312	64983942	24.118	24.397
Target Compounds							
2)	A alpha-BHC	4.022	3.296	6199885	8498434	2.496	2.215m
3)	MA gamma-BHC...	4.355	3.625	6129242	8414283	2.504	2.250m
4)	MA Heptachlor	4.948	3.968	6631274	9013758	2.689	2.614
5)	MB Aldrin	5.292	4.248	6103840	9131631	2.487	2.507
6)	B beta-BHC	4.549	3.922	2913623	4272402	2.880	2.734
7)	B delta-BHC	4.799	4.151	5939264	8323447	2.367	2.218m
8)	B Heptachlo...	5.718	4.750	6415423	8562980	2.865	2.557
9)	A Endosulfan I	6.104	5.119	6070730	8004531	2.927	2.613
10)	B gamma-Chl...	5.974	4.999	6294159	8642443	2.875	2.642
11)	B alpha-Chl...	6.053	5.064	6320975	8659456	2.903	2.649
12)	B 4,4'-DDE	6.225	5.252	5479837	7503125	2.693	2.449
13)	MA Dieldrin	6.380	5.384	6163892	8640048	2.789	2.541
14)	MA Endrin	6.610	5.659	5136711	7843643	2.750	2.647
15)	B Endosulfa...	6.827	5.952	6039217	7837953	3.119	2.725
16)	A 4,4'-DDD	6.742	5.805	4435337	6716977	2.699	2.559
17)	MA 4,4'-DDT	7.056	6.057	5296198	6166393	2.974	2.324
18)	B Endrin al...	6.958	6.131	4658994	7124820	3.063	3.160
19)	B Endosulfa...	7.193	6.353	5781851	7900124	3.045	2.832
20)	A Methoxychlor	7.530	6.630	2984877	4210800	2.900	2.690m
21)	B Endrin ke...	7.679	6.859	5889686	8645073	2.816	2.679
22)	Mirex	8.155	7.042	5274279	7681318	3.198	3.048

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012424\
Data File : PD080860.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jan 2024 22:25
Operator : AR\AJ
Sample : P1187-07
Misc : PEST LOD 2.5PPB
ALS Vial : 31 Sample Multiplier: 1

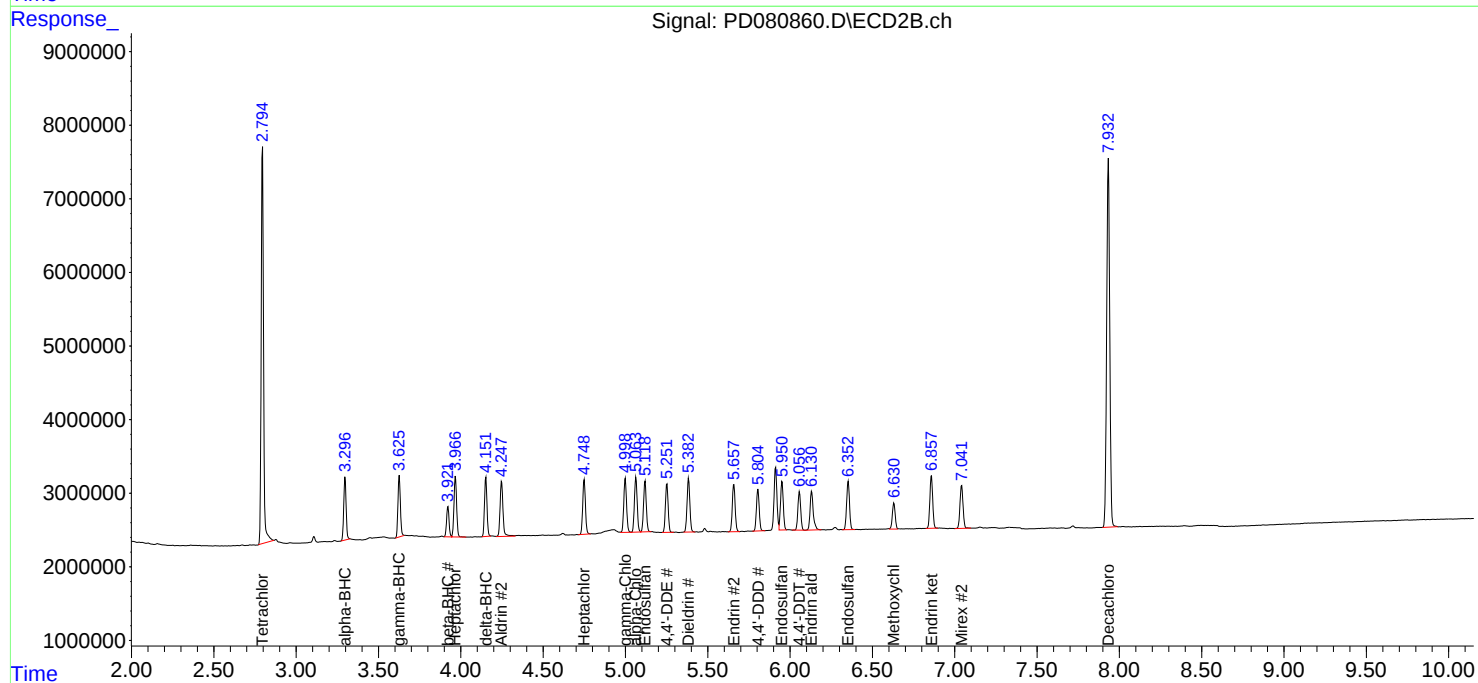
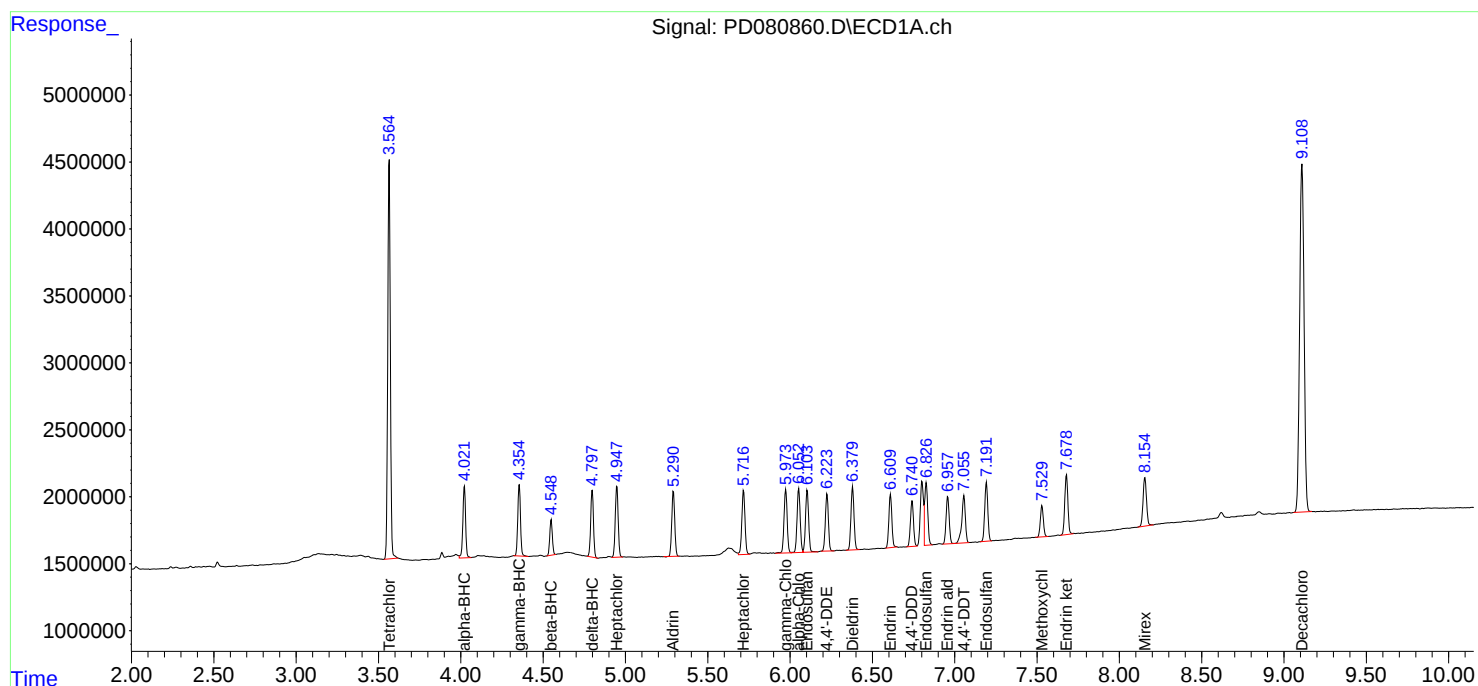
Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

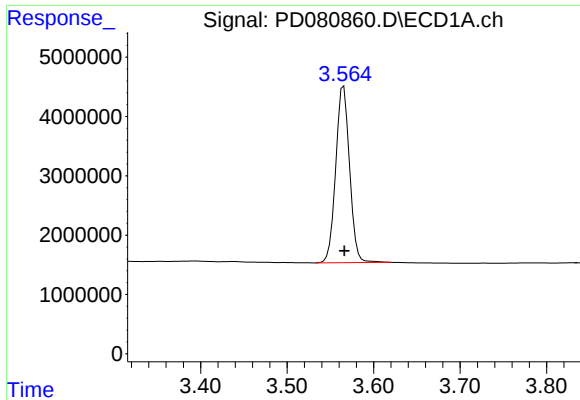
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Supervised By :Ankita Jodhani 01/25/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 25 00:59:34 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
Quant Title : GC Extractables
QLast Update : Wed Jan 24 20:16:38 2024
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





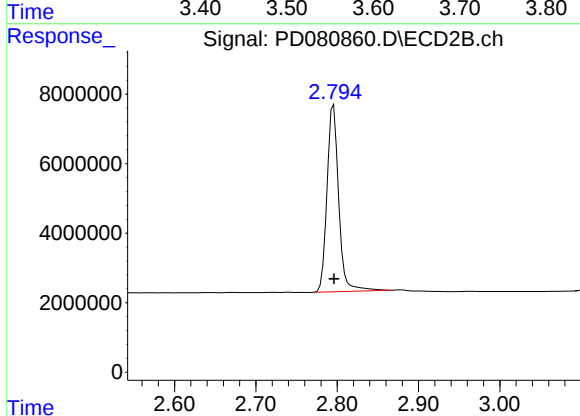
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: 0.000 min
Response: 32929910
Conc: 23.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

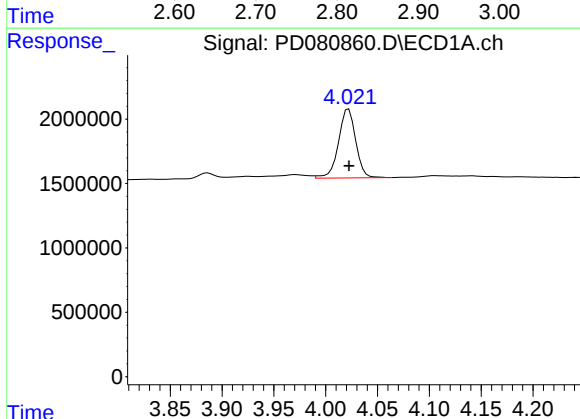
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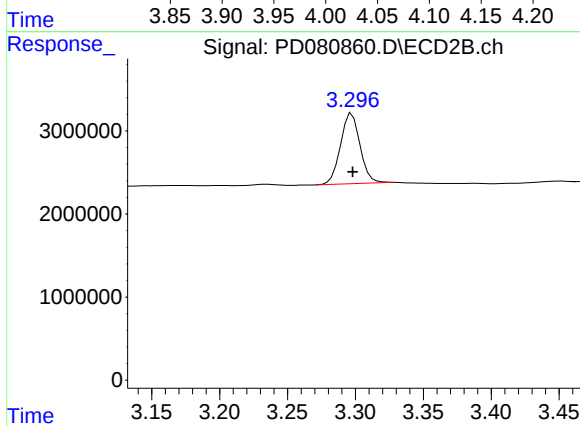
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: 0.000 min
Response: 54046969
Conc: 22.59 ng/ml



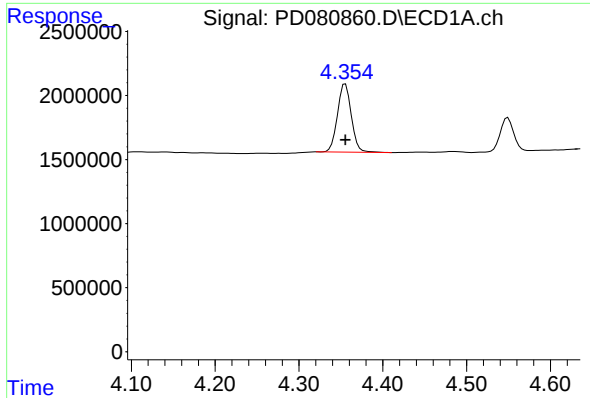
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 6199885
Conc: 2.50 ng/ml



#2 alpha-BHC

R.T.: 3.296 min
Delta R.T.: -0.002 min
Response: 8498434
Conc: 2.21 ng/ml m



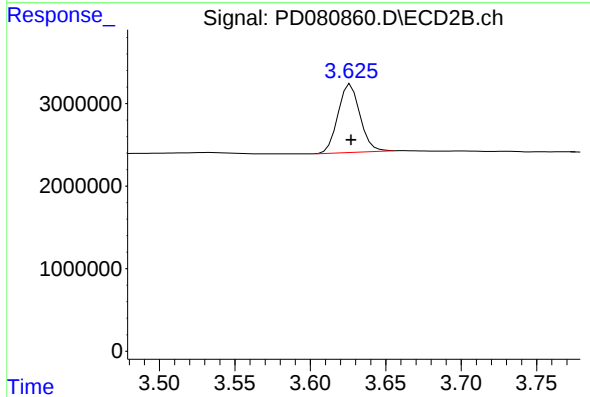
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 6129242
Conc: 2.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
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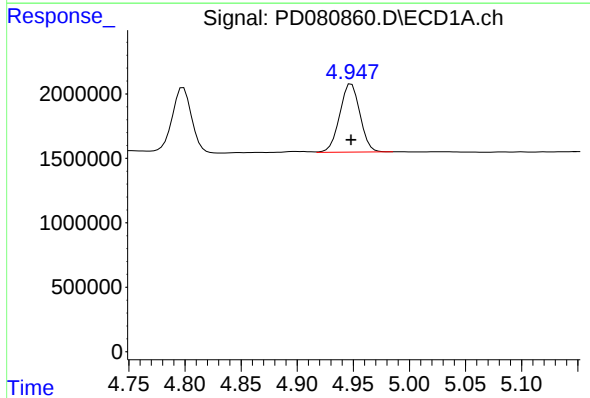
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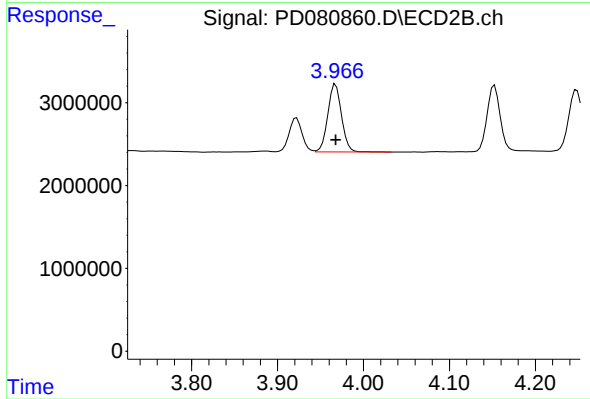
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: -0.002 min
Response: 8414283
Conc: 2.25 ng/ml m



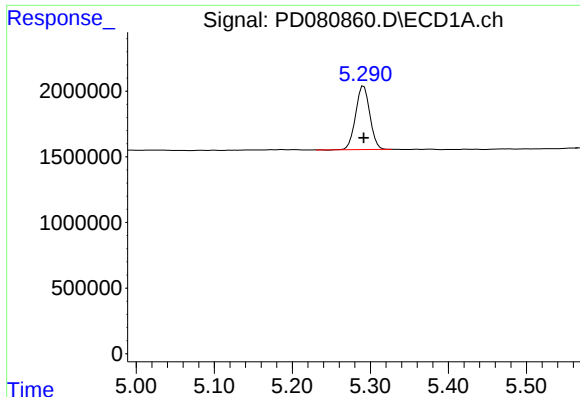
#4 Heptachlor

R.T.: 4.948 min
Delta R.T.: 0.000 min
Response: 6631274
Conc: 2.69 ng/ml



#4 Heptachlor

R.T.: 3.968 min
Delta R.T.: 0.000 min
Response: 9013758
Conc: 2.61 ng/ml



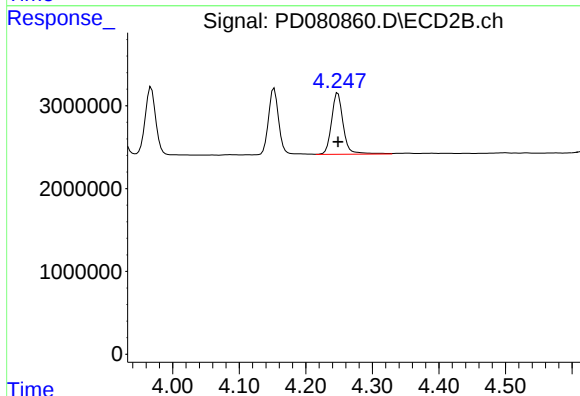
#5 Aldrin

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 6103840
Conc: 2.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
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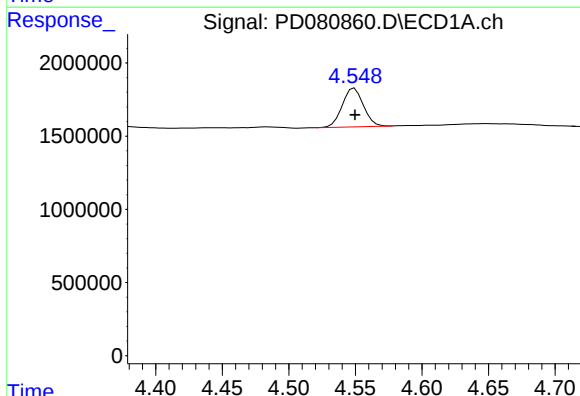
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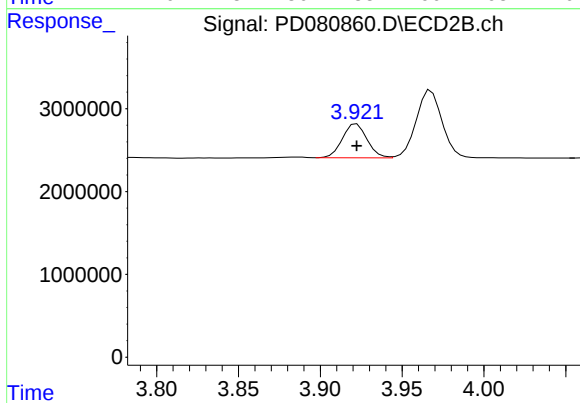
#5 Aldrin

R.T.: 4.248 min
Delta R.T.: 0.000 min
Response: 9131631
Conc: 2.51 ng/ml



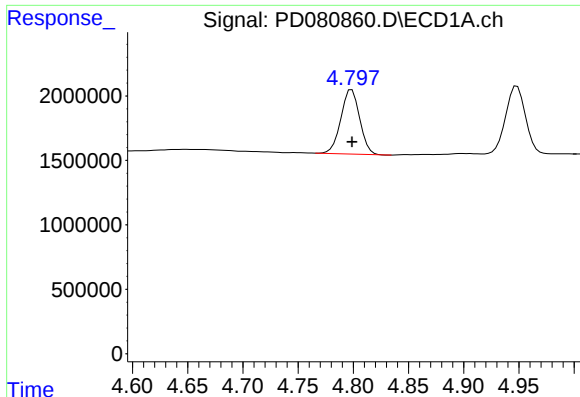
#6 beta-BHC

R.T.: 4.549 min
Delta R.T.: 0.000 min
Response: 2913623
Conc: 2.88 ng/ml



#6 beta-BHC

R.T.: 3.922 min
Delta R.T.: 0.000 min
Response: 4272402
Conc: 2.73 ng/ml



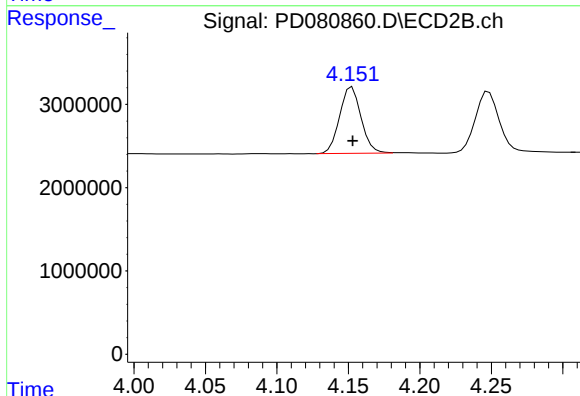
#7 delta-BHC

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 5939264
Conc: 2.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

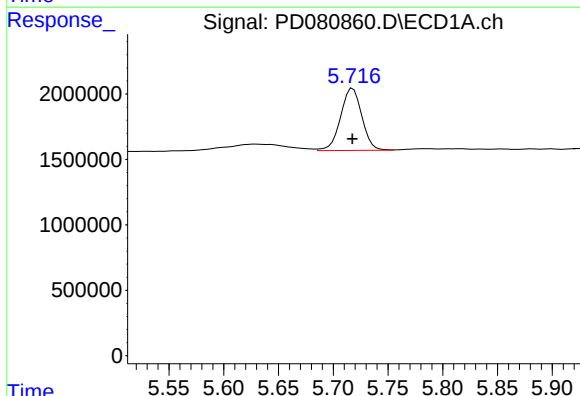
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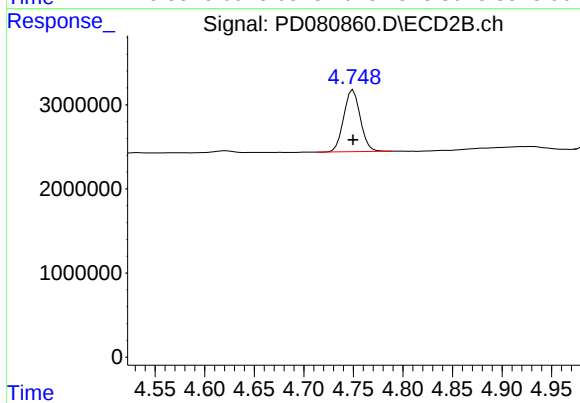
#7 delta-BHC

R.T.: 4.151 min
Delta R.T.: -0.002 min
Response: 8323447
Conc: 2.22 ng/ml m



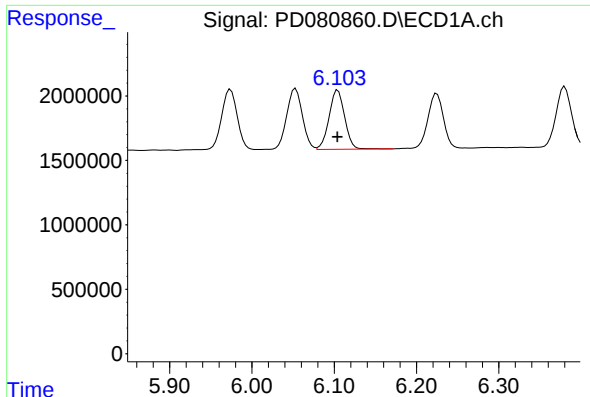
#8 Heptachlor epoxide

R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 6415423
Conc: 2.87 ng/ml



#8 Heptachlor epoxide

R.T.: 4.750 min
Delta R.T.: 0.000 min
Response: 8562980
Conc: 2.56 ng/ml



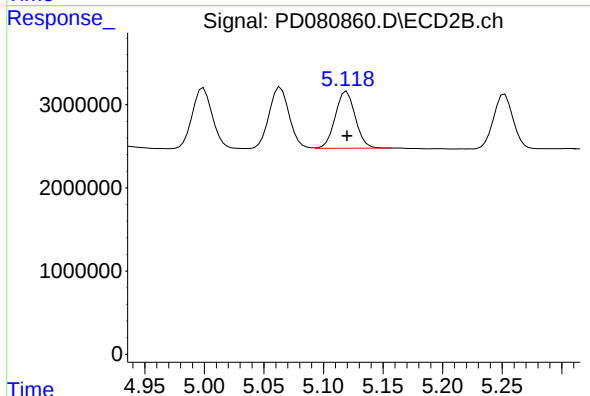
#9 Endosulfan I

R.T.: 6.104 min
Delta R.T.: 0.000 min
Response: 6070730
Conc: 2.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
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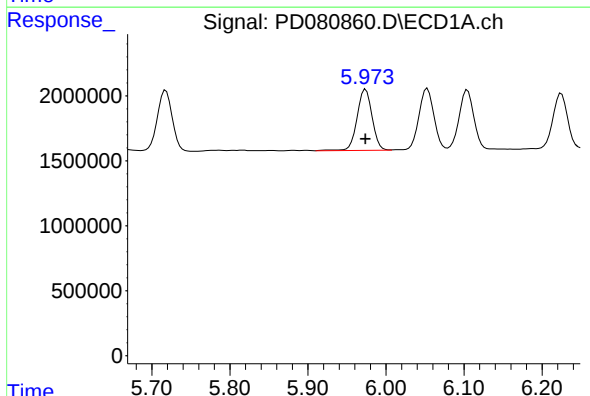
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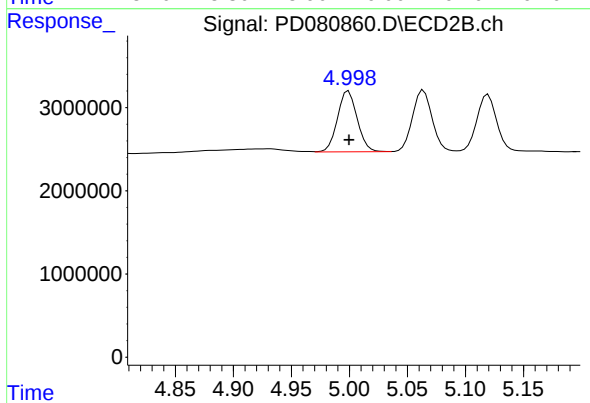
#9 Endosulfan I

R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 8004531
Conc: 2.61 ng/ml



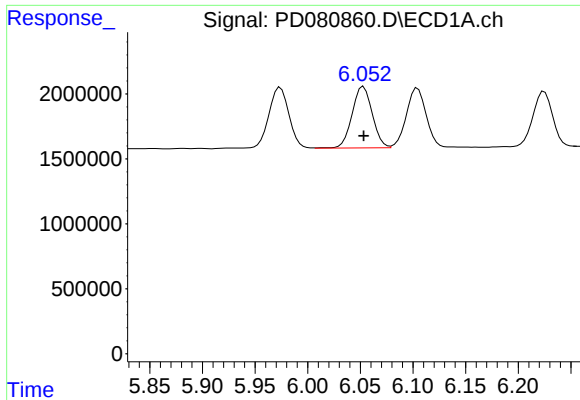
#10 gamma-Chlordane

R.T.: 5.974 min
Delta R.T.: 0.000 min
Response: 6294159
Conc: 2.88 ng/ml



#10 gamma-Chlordane

R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 8642443
Conc: 2.64 ng/ml



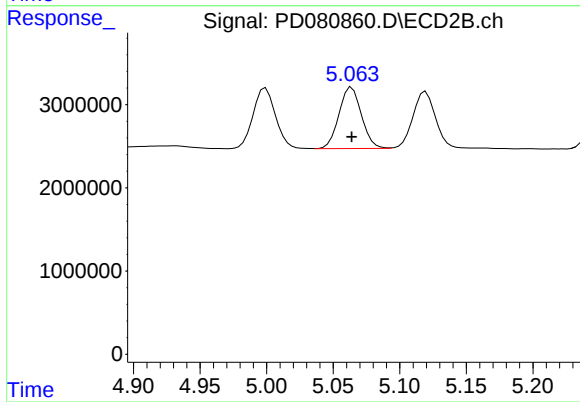
#11 alpha-Chlordane

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 6320975
Conc: 2.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

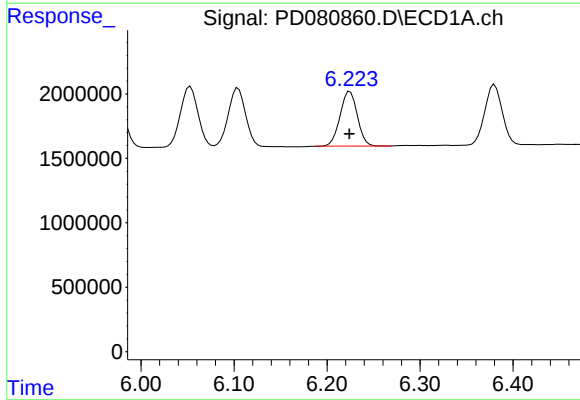
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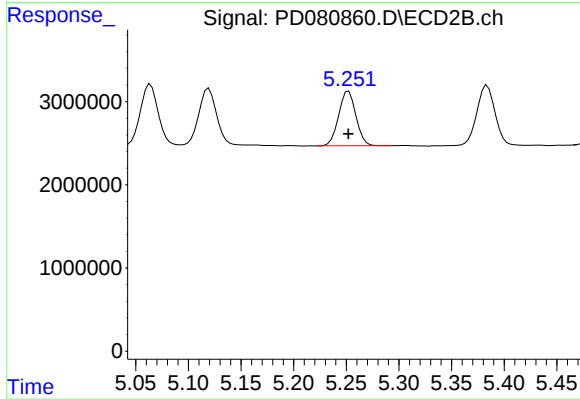
#11 alpha-Chlordane

R.T.: 5.064 min
Delta R.T.: 0.000 min
Response: 8659456
Conc: 2.65 ng/ml



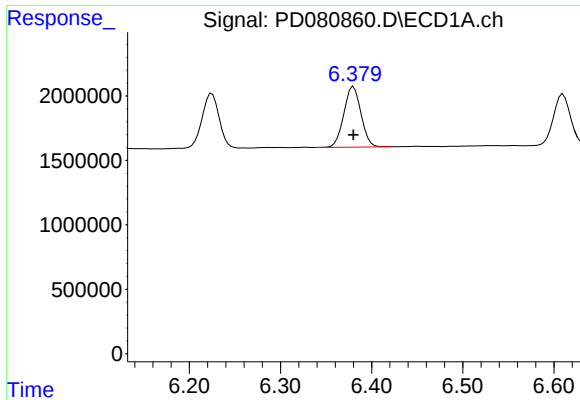
#12 4,4'-DDE

R.T.: 6.225 min
Delta R.T.: 0.000 min
Response: 5479837
Conc: 2.69 ng/ml



#12 4,4'-DDE

R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 7503125
Conc: 2.45 ng/ml



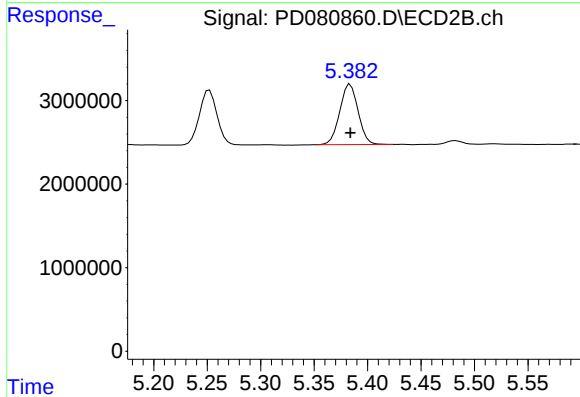
#13 Dieldrin

R.T.: 6.380 min
Delta R.T.: 0.000 min
Response: 6163892
Conc: 2.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

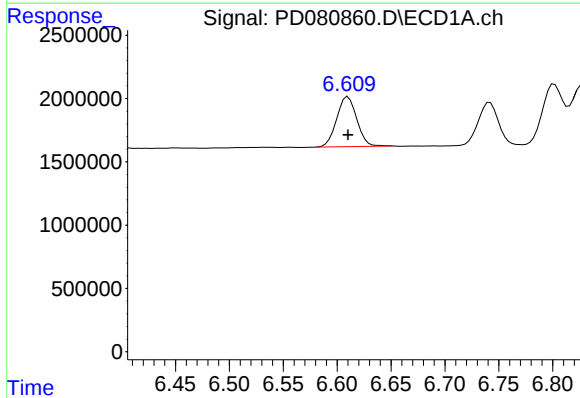
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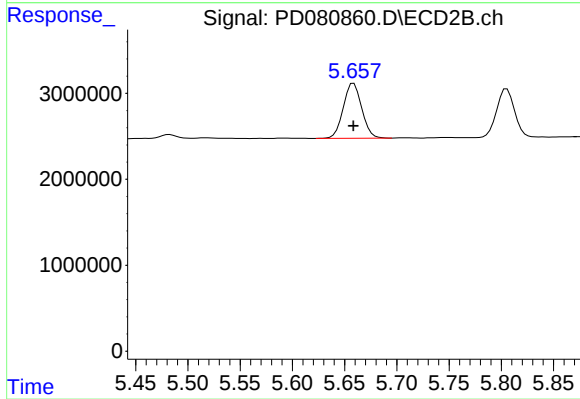
#13 Dieldrin

R.T.: 5.384 min
Delta R.T.: 0.000 min
Response: 8640048
Conc: 2.54 ng/ml



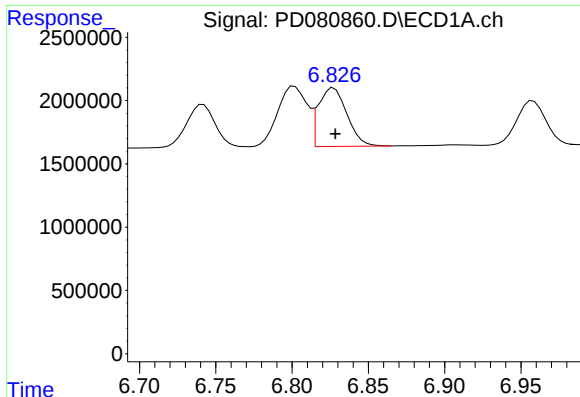
#14 Endrin

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 5136711
Conc: 2.75 ng/ml



#14 Endrin

R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 7843643
Conc: 2.65 ng/ml



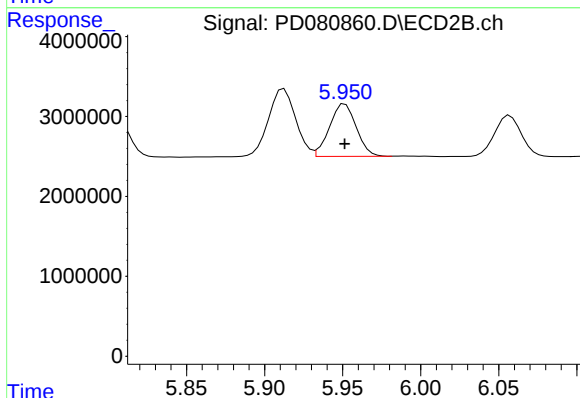
#15 Endosulfan II

R.T.: 6.827 min
Delta R.T.: 0.000 min
Response: 6039217
Conc: 3.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
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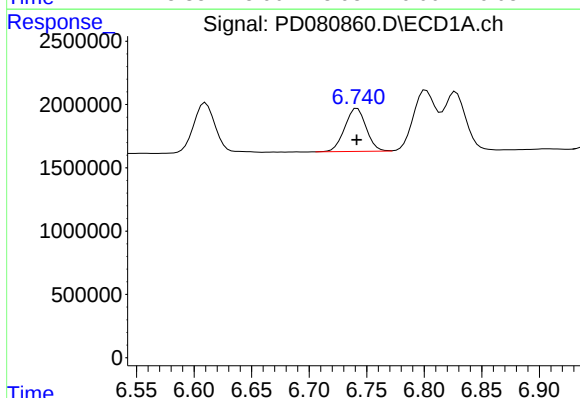
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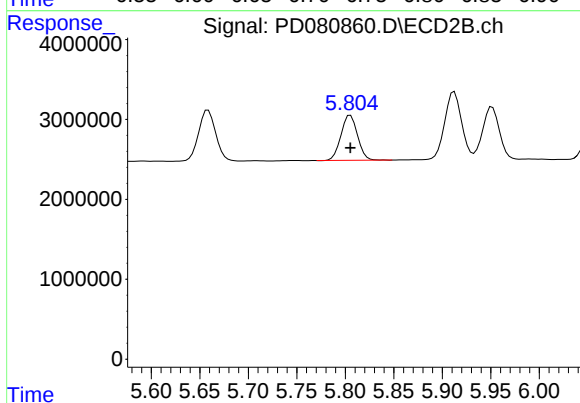
#15 Endosulfan II

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 7837953
Conc: 2.73 ng/ml



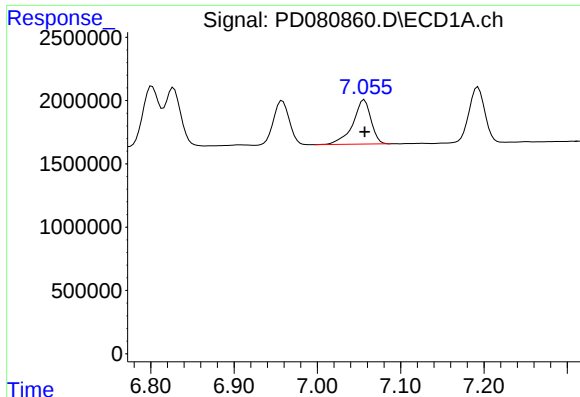
#16 4,4'-DDD

R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 4435337
Conc: 2.70 ng/ml



#16 4,4'-DDD

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 6716977
Conc: 2.56 ng/ml



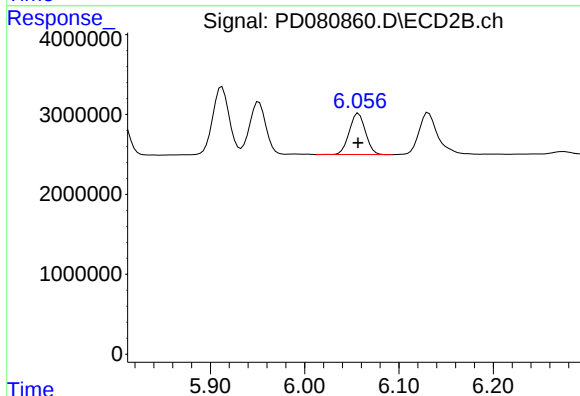
#17 4,4'-DDT

R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 5296198
Conc: 2.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

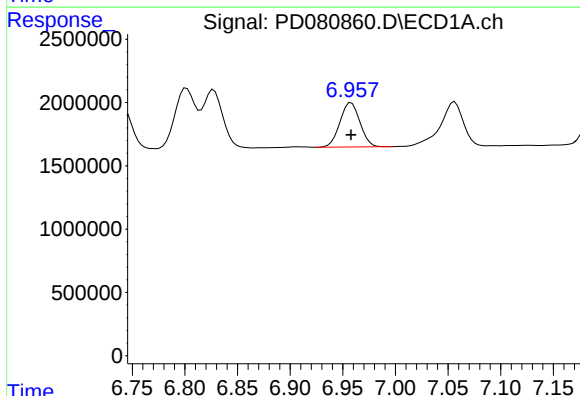
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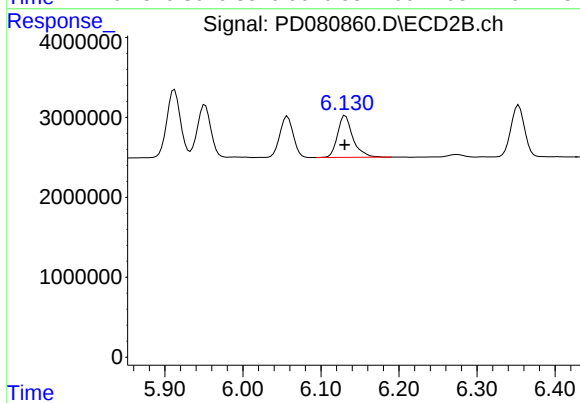
#17 4,4'-DDT

R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 6166393
Conc: 2.32 ng/ml



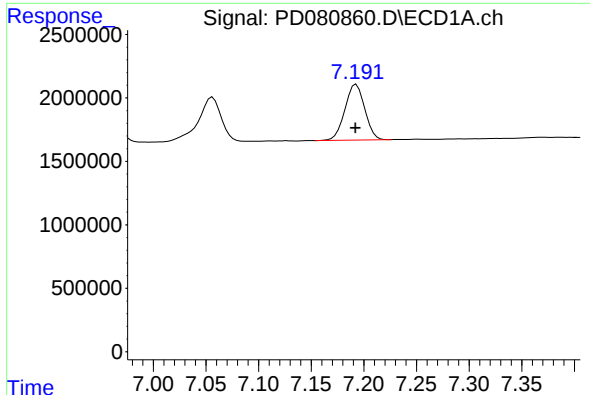
#18 Endrin aldehyde

R.T.: 6.958 min
Delta R.T.: 0.000 min
Response: 4658994
Conc: 3.06 ng/ml



#18 Endrin aldehyde

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 7124820
Conc: 3.16 ng/ml



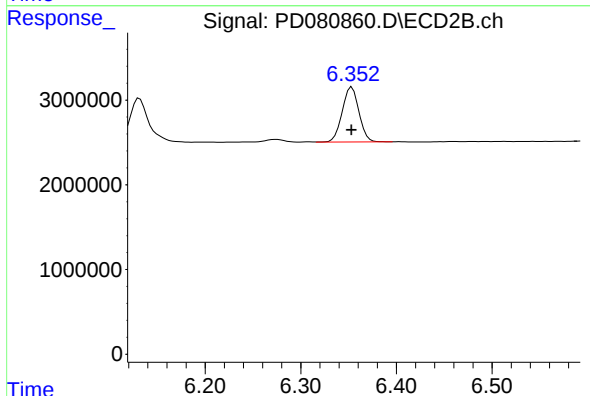
#19 Endosulfan Sulfate

R.T.: 7.193 min
Delta R.T.: 0.000 min
Response: 5781851
Conc: 3.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

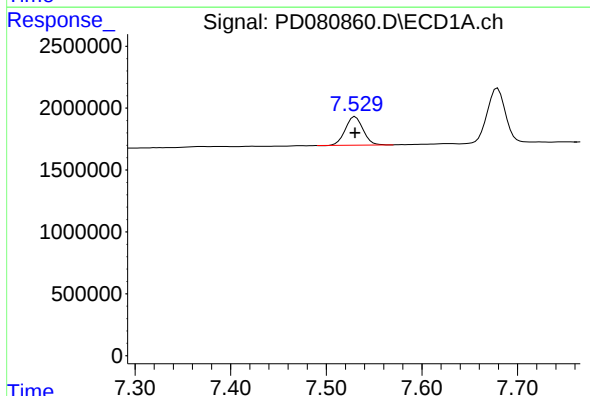
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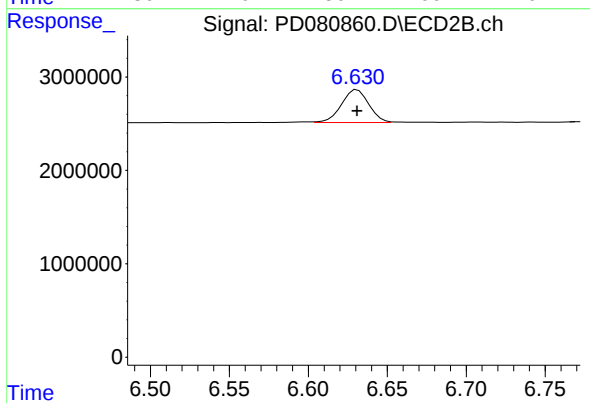
#19 Endosulfan Sulfate

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 7900124
Conc: 2.83 ng/ml



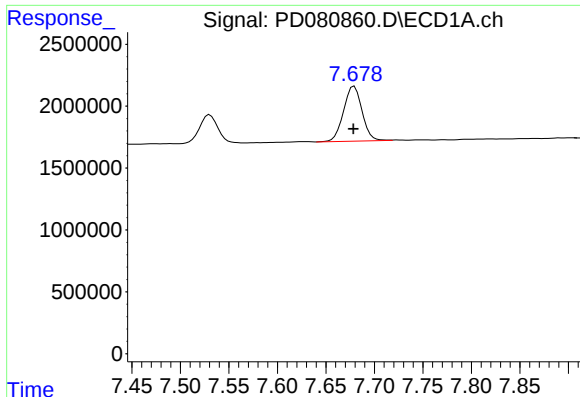
#20 Methoxychlor

R.T.: 7.530 min
Delta R.T.: 0.000 min
Response: 2984877
Conc: 2.90 ng/ml



#20 Methoxychlor

R.T.: 6.630 min
Delta R.T.: -0.001 min
Response: 4210800
Conc: 2.69 ng/ml m



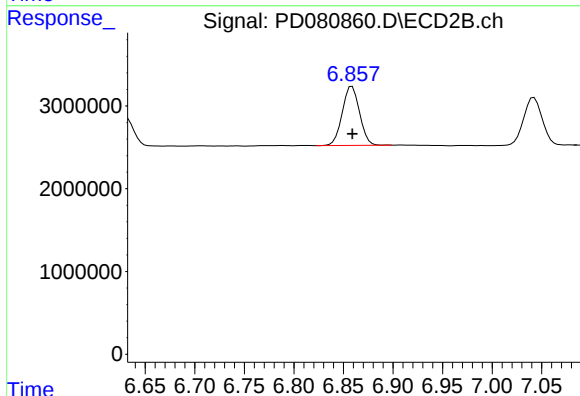
#21 Endrin ketone

R.T.: 7.679 min
Delta R.T.: 0.000 min
Response: 5889686
Conc: 2.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2024

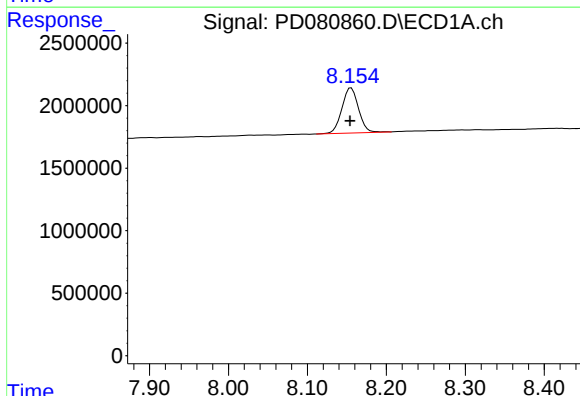
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/25/2024
Supervised By :Ankita Jodhani 01/25/2024



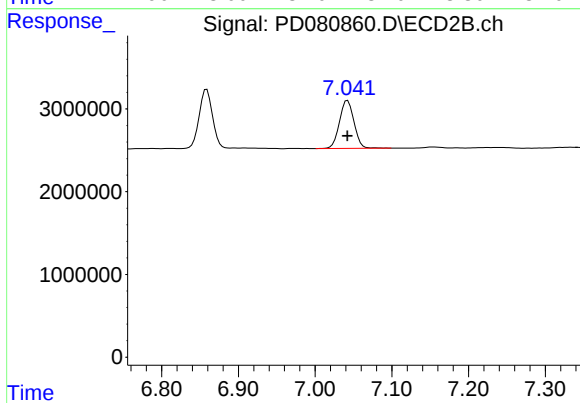
#21 Endrin ketone

R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 8645073
Conc: 2.68 ng/ml



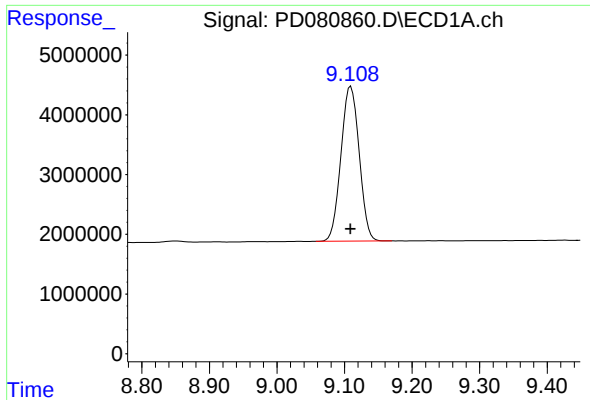
#22 Mirex

R.T.: 8.155 min
Delta R.T.: 0.001 min
Response: 5274279
Conc: 3.20 ng/ml



#22 Mirex

R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 7681318
Conc: 3.05 ng/ml



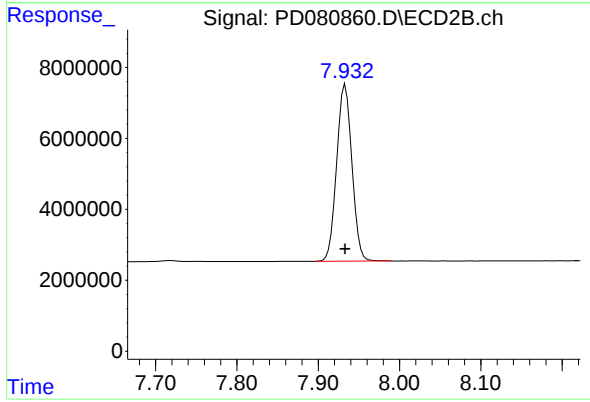
#28 Decachlorobiphenyl

R.T.: 9.109 min
Delta R.T.: 0.000 min
Response: 48536312
Conc: 24.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 64983942
Conc: 24.40 ng/ml