

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020625\
 Data File : PD087759.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2025 14:07
 Operator : AR\AJ
 Sample : Q1168-07
 Misc : PEST LOD 2.5PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025

Manual Integrations
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Reviewed By :Abdul
 Mirza

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 07 04:25:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012325.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 14:33:08 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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 Jodhani

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	02/07/2025

System Monitoring Compounds							
1) SA Tetrachlo...	3.560	2.882	35499830	248.5E6	17.818	20.664	
28) SA Decachlor...	9.091	8.083	57424037	281.9E6	18.828	19.944	
Target Compounds							
2) A alpha-BHC	4.009	3.396	8239868	56185831	2.048	3.006 #	
3) MA gamma-BHC...	4.339	3.733	9186641	53264173	2.308m	3.000 #	
4) MA Heptachlor	4.941	4.088	9184672	52501665	2.464	3.031	
5) MB Aldrin	5.283	4.374	8758073	54991639	2.288	3.147 #	
6) B beta-BHC	4.525	4.029	4098523	24454048	2.596	3.206	
7) B delta-BHC	4.774	4.266	10305741	54560994	2.555	3.015	
8) B Heptachlo...	5.703	4.879	8444742	51089528	2.471	3.235 #	
9) A Endosulfan I	6.087	5.253	7913371	45704991	2.512	3.067m	
10) B gamma-Chl...	5.958	5.131	7863207	50585948	2.379	3.110m#	
11) B alpha-Chl...	6.040	5.197	8251125	52199404	2.477	3.272 #	
12) B 4,4'-DDE	6.208	5.383	6850487	48185710	2.270	3.063 #	
13) MA Dieldrin	6.359	5.520	7882632	50157842	2.334	3.079 #	
14) MA Endrin	6.587	5.796	6279412	44223348	2.167	2.969m#	
15) B Endosulfa...	6.799	6.089	6720233	44423291	2.341	3.112 #	
16) A 4,4'-DDD	6.717	5.938	5997132	42818032	2.492	3.238 #	
17) MA 4,4'-DDT	7.032	6.193	4670313	29073385	1.813m	2.160	
18) B Endrin al...	6.927	6.267	5990652	38587952	2.586	3.310 #	
19) B Endosulfa...	7.162	6.491	6592687	43478057	2.405	3.058 #	
20) A Methoxychlor	7.507	6.764	3188310	18251606	2.172	2.388	
21) B Endrin ke...	7.643	7.000	7792690	47337399	2.534	3.034	
22) Mirex	8.128	7.195	5912265	39255527	2.550	3.100	

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020625\
Data File : PD087759.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Feb 2025 14:07
Operator : AR\AJ
Sample : Q1168-07
Misc : PEST LOD 2.5PPB
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

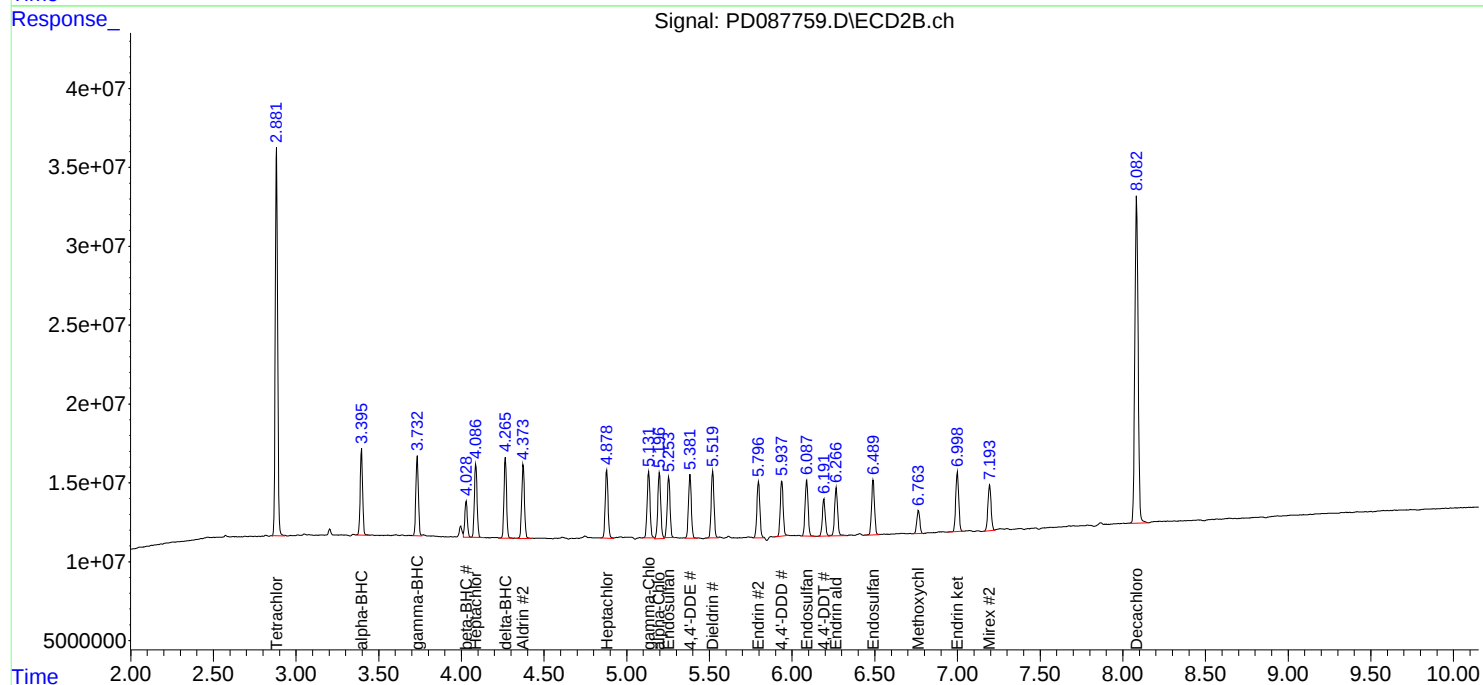
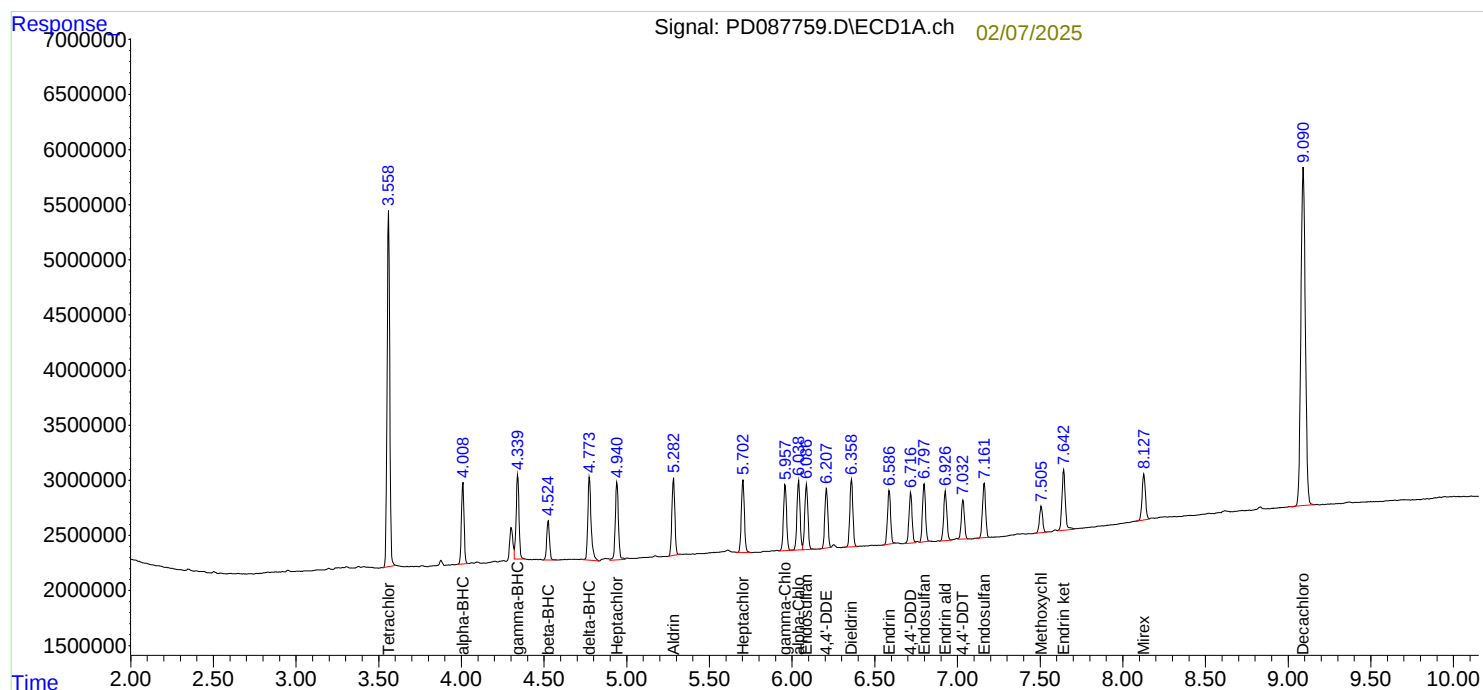
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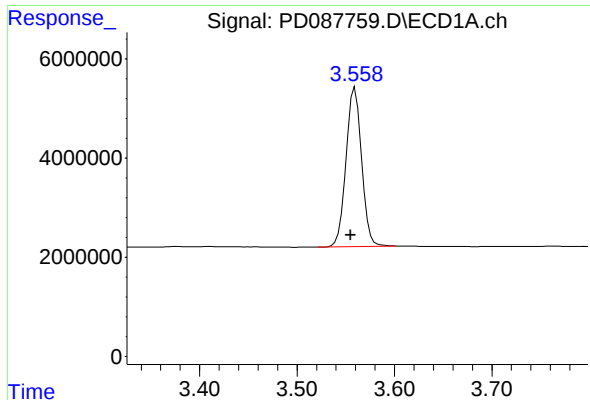
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Mirza

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 07 04:25:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012325.M
Quant Title : GC Extractables
QLast Update : Wed Jan 22 14:33:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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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





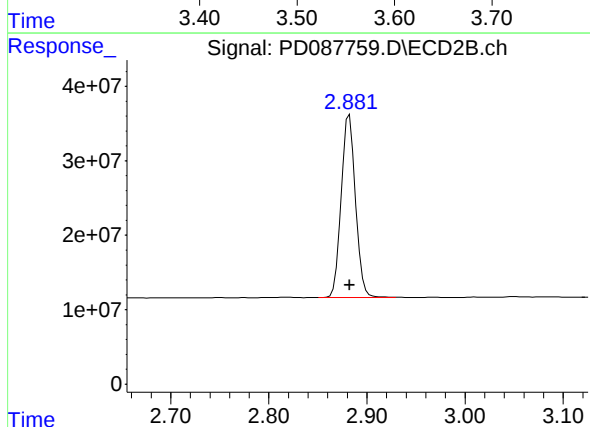
#1 Tetrachloro-m-xylene

R.T.: 3.560 min
Delta R.T.: 0.005 min
Response: 35499830
Conc: 17.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
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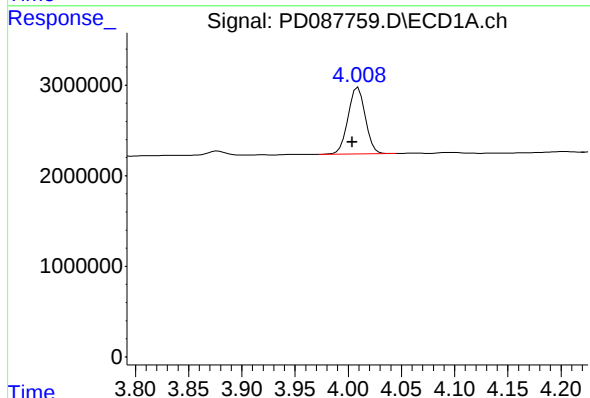


#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 248519111
Conc: 20.66 ng/ml

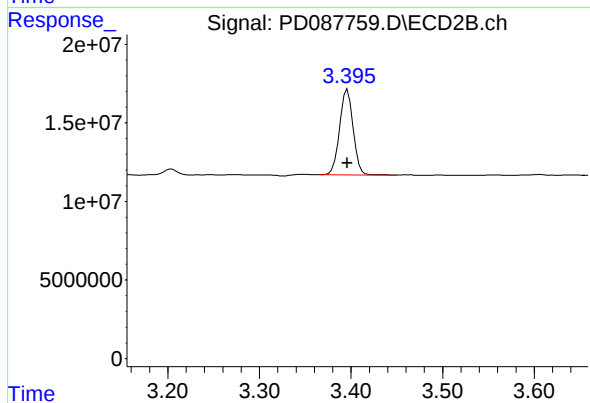
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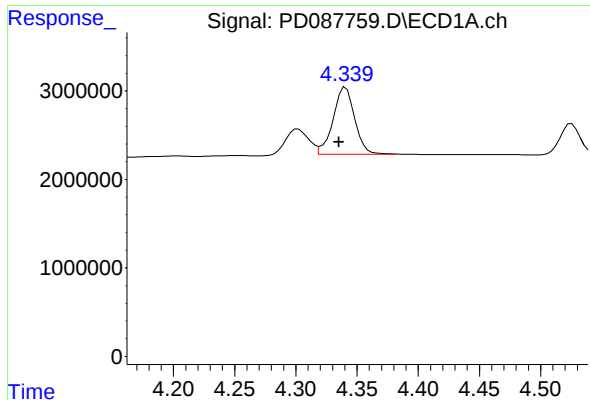
#2 alpha-BHC

R.T.: 4.009 min
Delta R.T.: 0.005 min
Response: 8239868
Conc: 2.05 ng/ml



#2 alpha-BHC

R.T.: 3.396 min
Delta R.T.: 0.000 min
Response: 56185831
Conc: 3.01 ng/ml



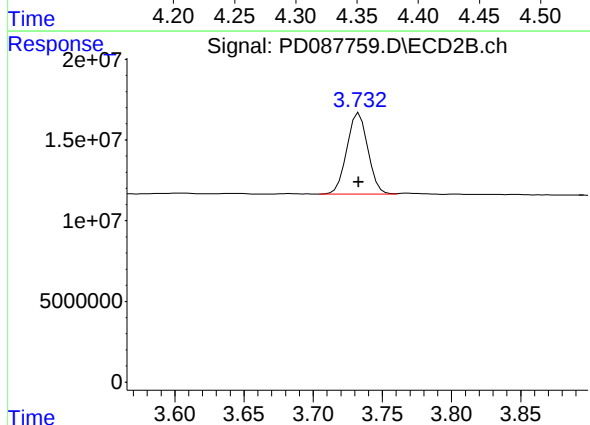
#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.004 min
Response: 9186641
Conc: 2.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
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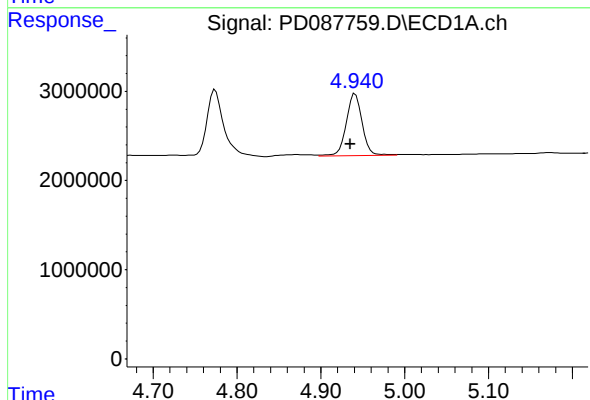


#3 gamma-BHC (Lindane)

R.T.: 3.733 min
Delta R.T.: 0.000 min
Response: 53264173
Conc: 3.00 ng/ml

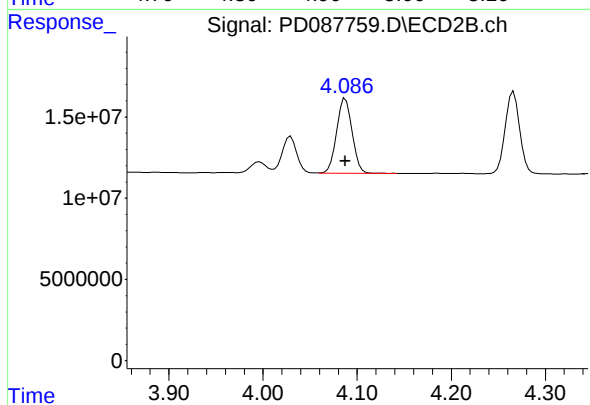
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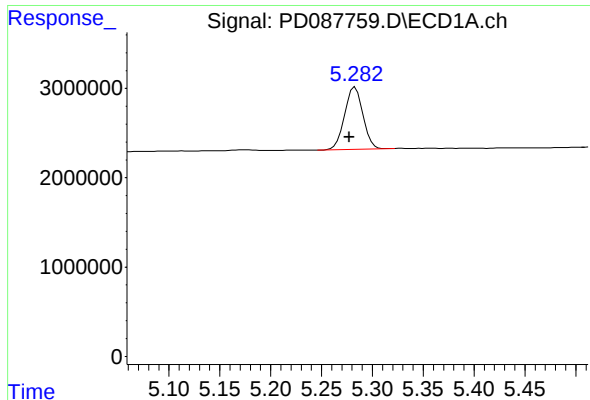
#4 Heptachlor

R.T.: 4.941 min
Delta R.T.: 0.006 min
Response: 9184672
Conc: 2.46 ng/ml



#4 Heptachlor

R.T.: 4.088 min
Delta R.T.: 0.000 min
Response: 52501665
Conc: 3.03 ng/ml



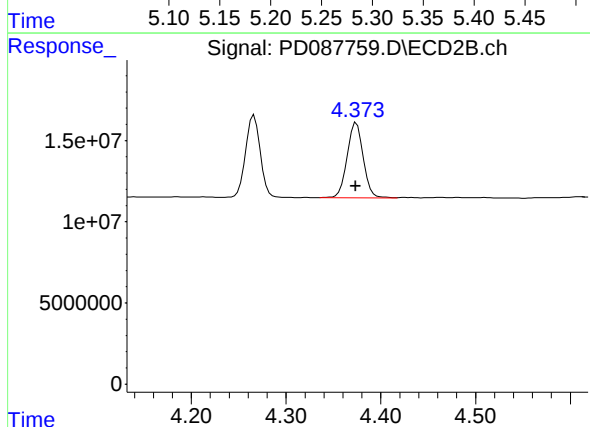
#5 Aldrin

R.T.: 5.283 min
Delta R.T.: 0.006 min
Response: 8758073
Conc: 2.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
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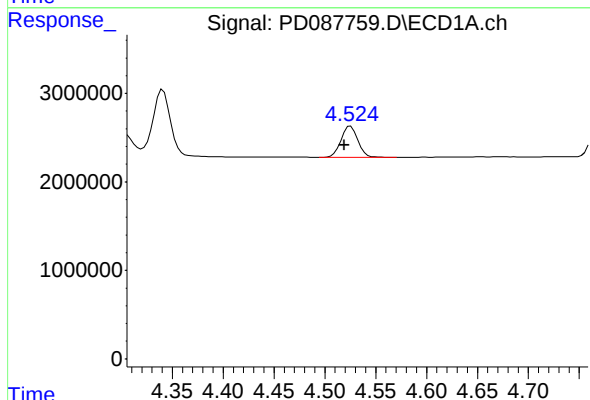


#5 Aldrin

R.T.: 4.374 min
Delta R.T.: 0.000 min
Response: 54991639
Conc: 3.15 ng/ml

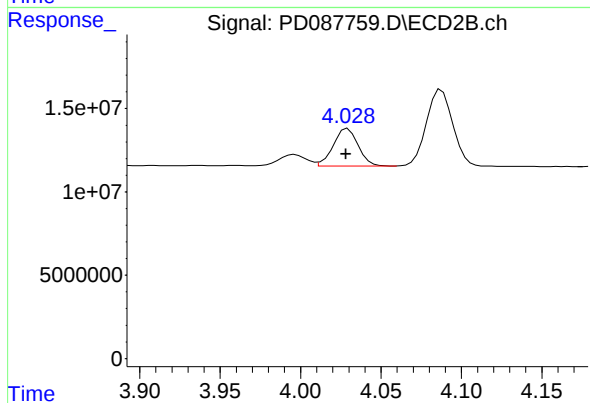
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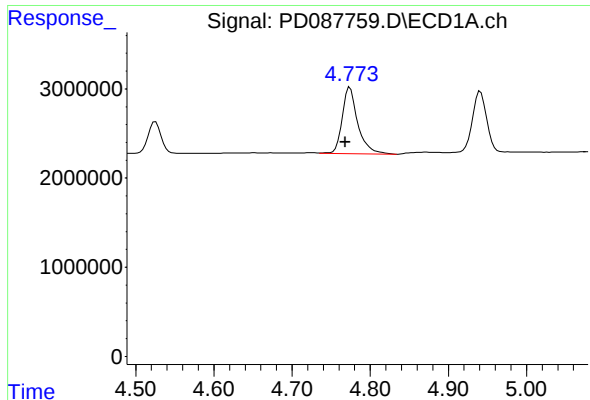
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.006 min
Response: 4098523
Conc: 2.60 ng/ml



#6 beta-BHC

R.T.: 4.029 min
Delta R.T.: 0.001 min
Response: 24454048
Conc: 3.21 ng/ml



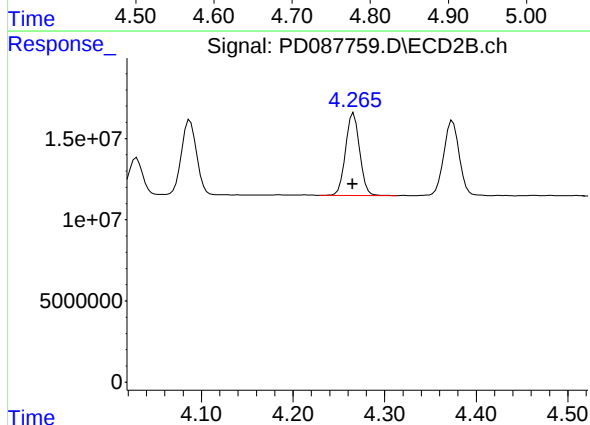
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: 0.006 min
Response: 10305741
Conc: 2.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
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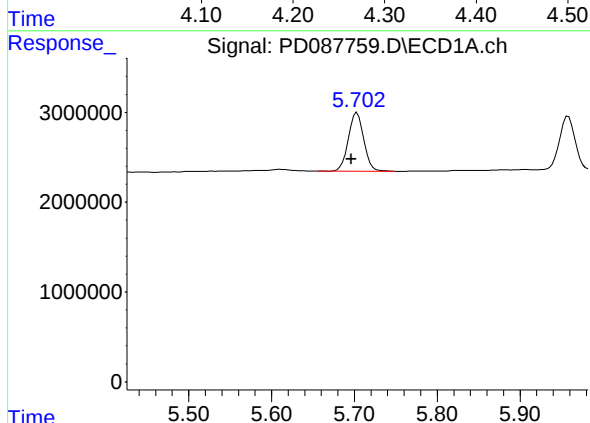


#7 delta-BHC

R.T.: 4.266 min
Delta R.T.: 0.001 min
Response: 54560994
Conc: 3.02 ng/ml

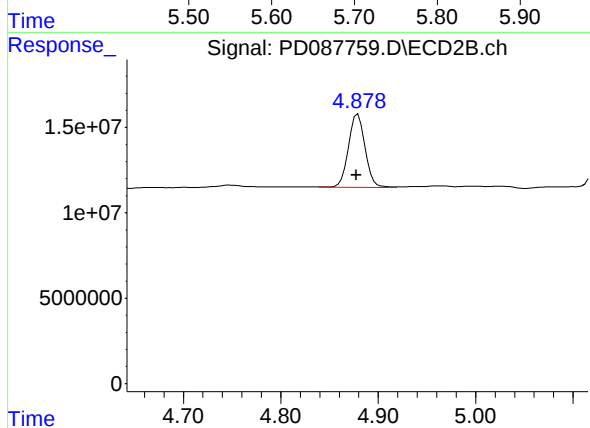
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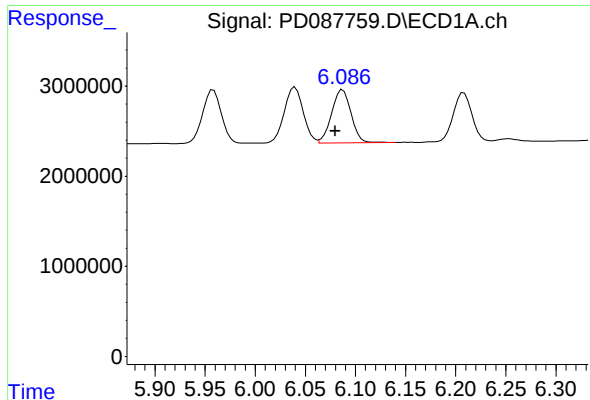
#8 Heptachlor epoxide

R.T.: 5.703 min
Delta R.T.: 0.007 min
Response: 8444742
Conc: 2.47 ng/ml



#8 Heptachlor epoxide

R.T.: 4.879 min
Delta R.T.: 0.002 min
Response: 51089528
Conc: 3.23 ng/ml



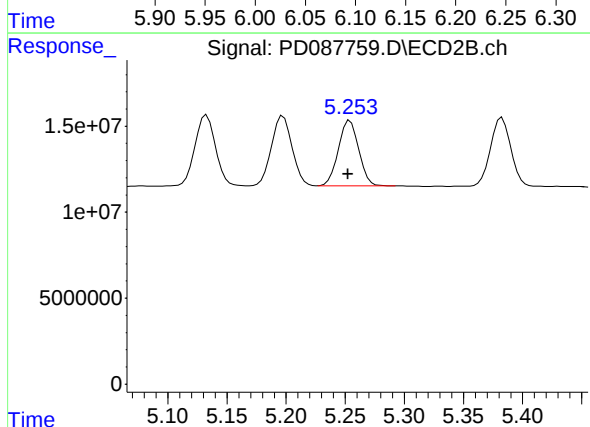
#9 Endosulfan I

R.T.: 6.087 min
Delta R.T.: 0.007 min
Response: 7913371
Conc: 2.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

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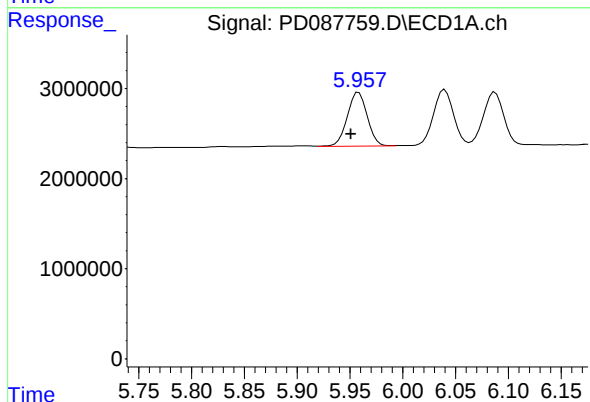


#9 Endosulfan I

R.T.: 5.253 min
Delta R.T.: 0.000 min
Response: 45704991
Conc: 3.07 ng/ml m

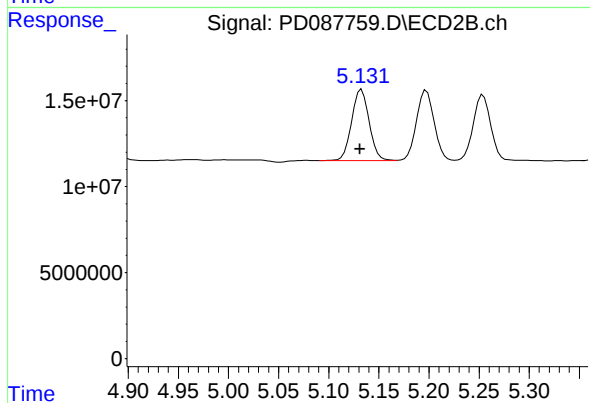
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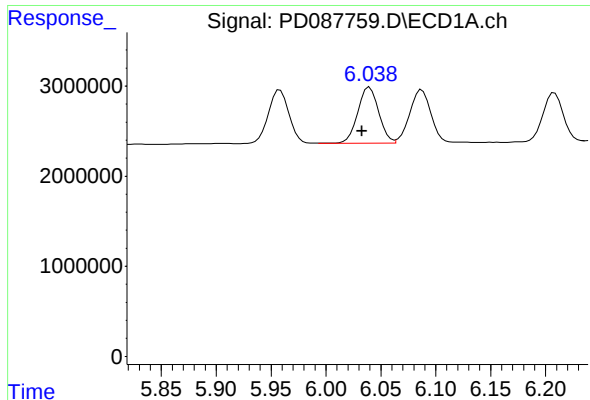
#10 gamma-Chlordane

R.T.: 5.958 min
Delta R.T.: 0.007 min
Response: 7863207
Conc: 2.38 ng/ml



#10 gamma-Chlordane

R.T.: 5.131 min
Delta R.T.: 0.000 min
Response: 50585948
Conc: 3.11 ng/ml m



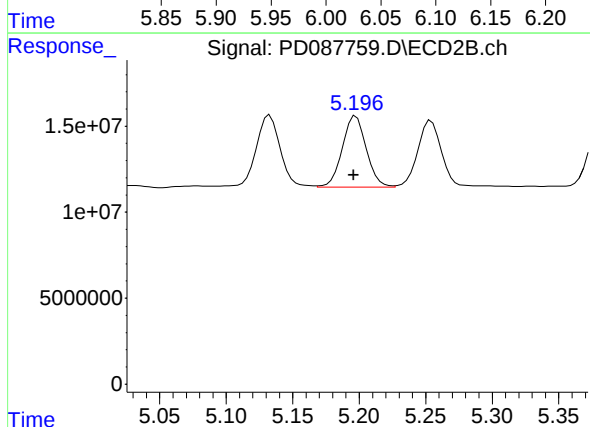
#11 alpha-Chlordane

R.T.: 6.040 min
Delta R.T.: 0.007 min
Response: 8251125
Conc: 2.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

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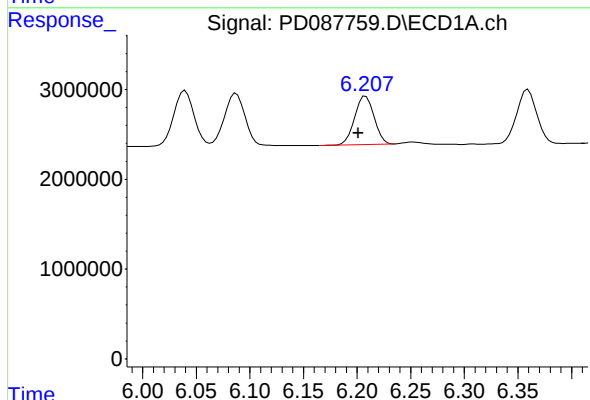


#11 alpha-Chlordane

R.T.: 5.197 min
Delta R.T.: 0.002 min
Response: 52199404
Conc: 3.27 ng/ml

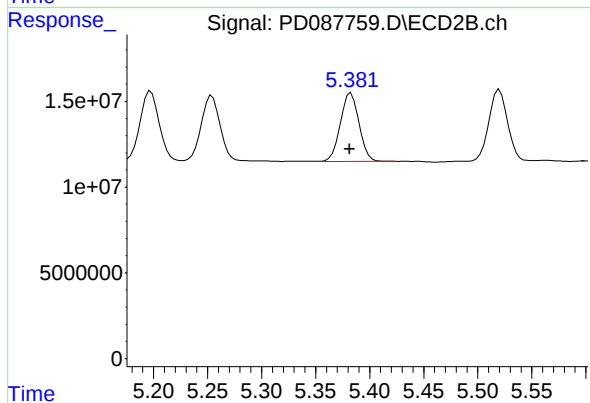
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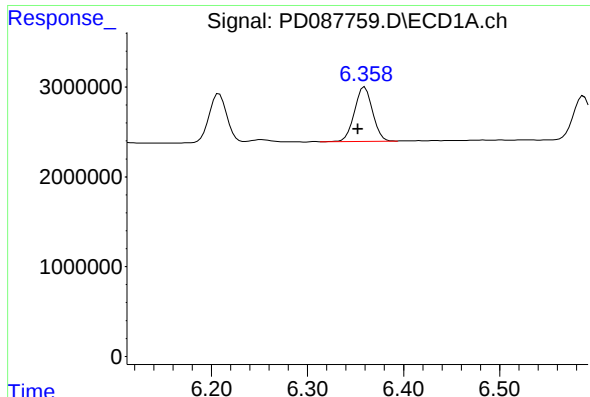
#12 4,4'-DDE

R.T.: 6.208 min
Delta R.T.: 0.007 min
Response: 6850487
Conc: 2.27 ng/ml



#12 4,4'-DDE

R.T.: 5.383 min
Delta R.T.: 0.001 min
Response: 48185710
Conc: 3.06 ng/ml



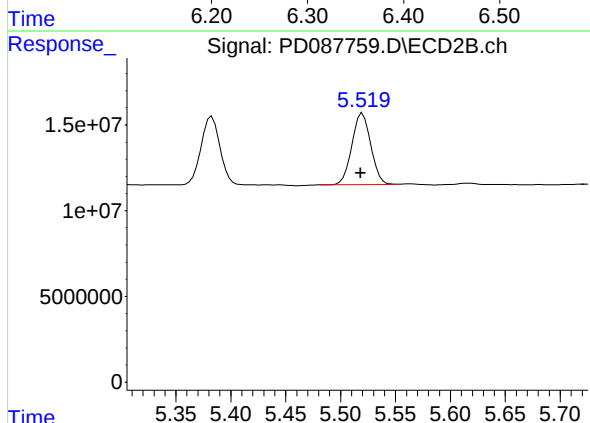
#13 Dieldrin

R.T.: 6.359 min
Delta R.T.: 0.007 min
Response: 7882632
Conc: 2.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
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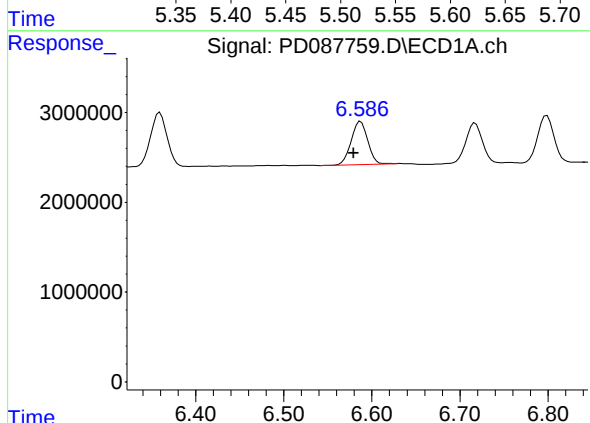


#13 Dieldrin

R.T.: 5.520 min
Delta R.T.: 0.002 min
Response: 50157842
Conc: 3.08 ng/ml

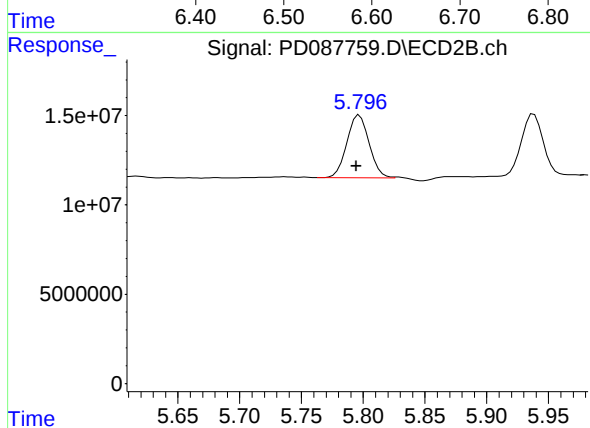
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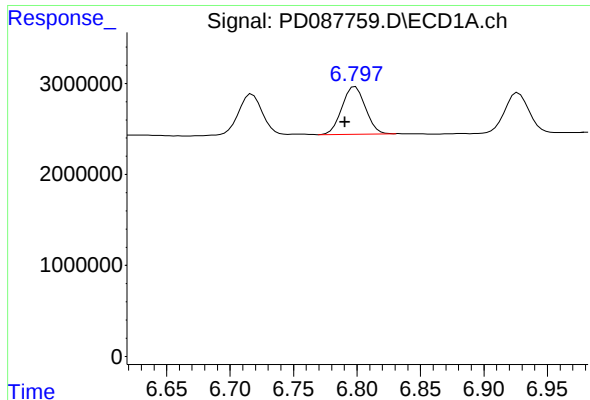
#14 Endrin

R.T.: 6.587 min
Delta R.T.: 0.008 min
Response: 6279412
Conc: 2.17 ng/ml



#14 Endrin

R.T.: 5.796 min
Delta R.T.: 0.001 min
Response: 44223348
Conc: 2.97 ng/ml m



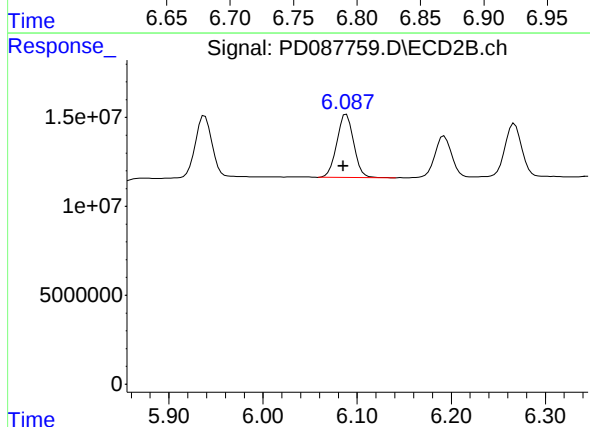
#15 Endosulfan II

R.T.: 6.799 min
Delta R.T.: 0.008 min
Response: 6720233
Conc: 2.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
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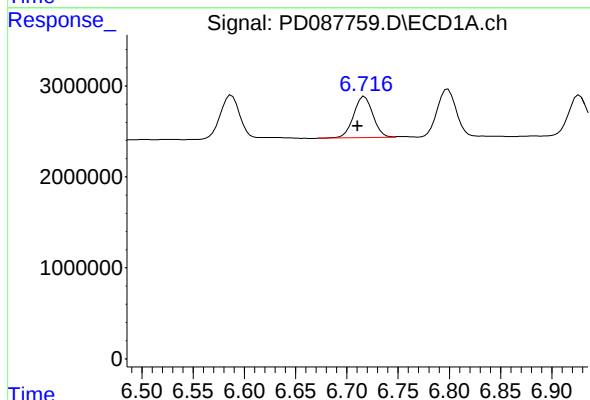


#15 Endosulfan II

R.T.: 6.089 min
Delta R.T.: 0.003 min
Response: 44423291
Conc: 3.11 ng/ml

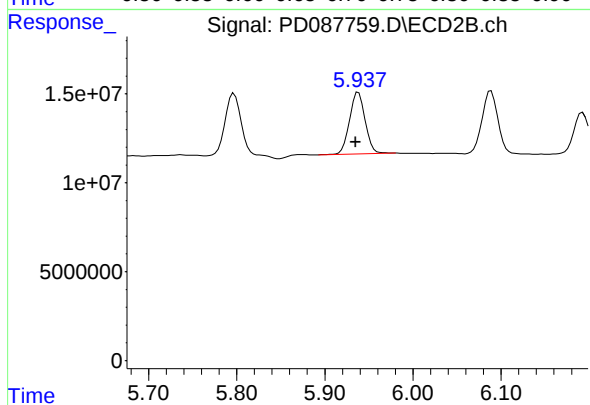
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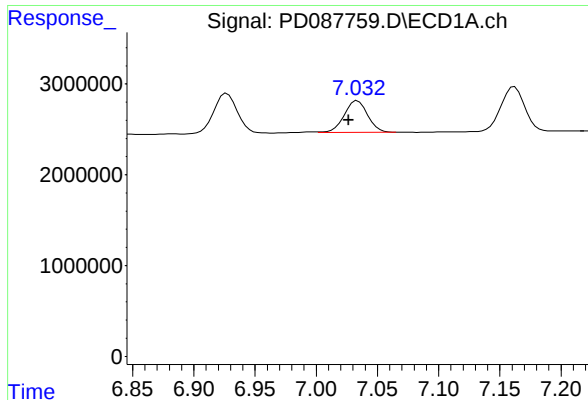
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: 0.007 min
Response: 5997132
Conc: 2.49 ng/ml



#16 4,4'-DDD

R.T.: 5.938 min
Delta R.T.: 0.003 min
Response: 42818032
Conc: 3.24 ng/ml



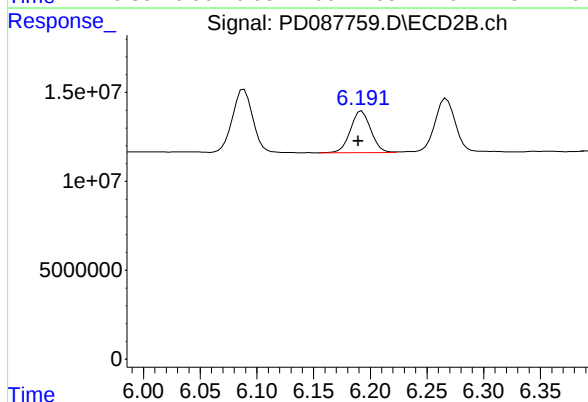
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.006 min
Response: 4670313
Conc: 1.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

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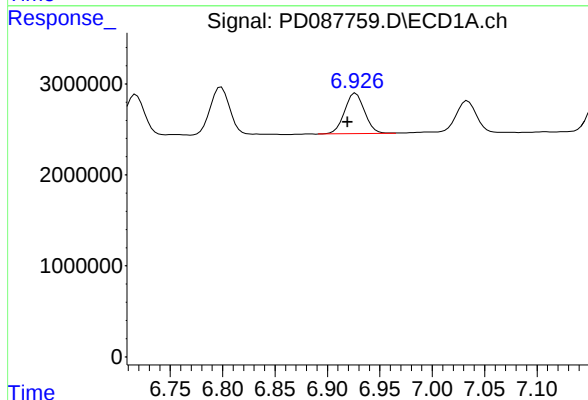


#17 4,4'-DDT

R.T.: 6.193 min
Delta R.T.: 0.003 min
Response: 29073385
Conc: 2.16 ng/ml

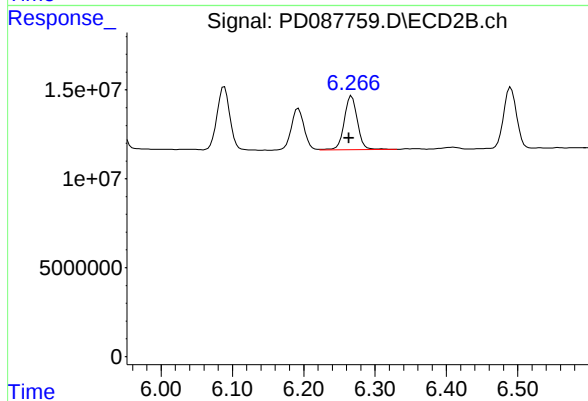
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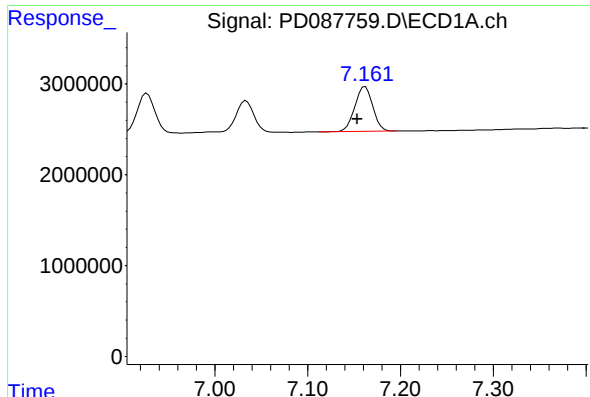
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: 0.008 min
Response: 5990652
Conc: 2.59 ng/ml



#18 Endrin aldehyde

R.T.: 6.267 min
Delta R.T.: 0.004 min
Response: 38587952
Conc: 3.31 ng/ml



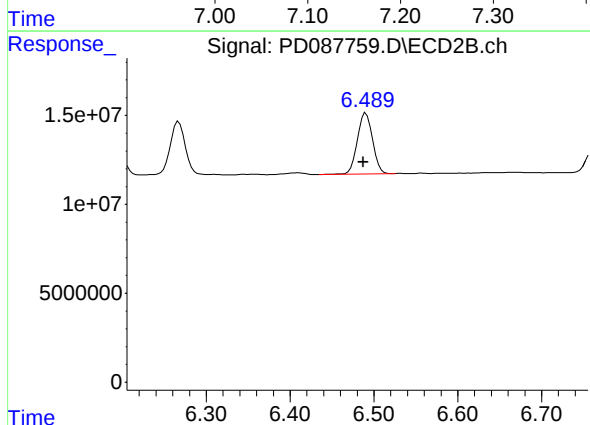
#19 Endosulfan Sulfate

R.T.: 7.162 min
Delta R.T.: 0.008 min
Response: 6592687
Conc: 2.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
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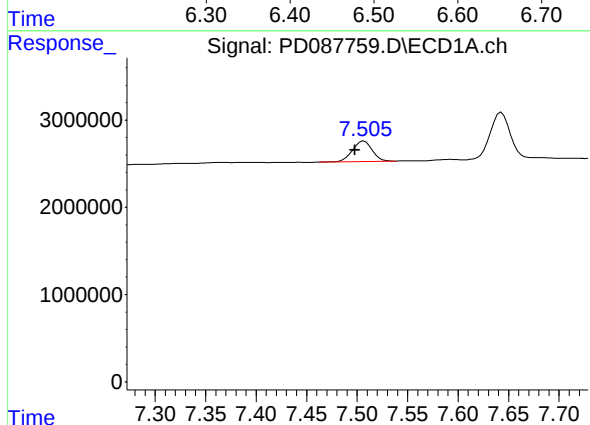


#19 Endosulfan Sulfate

R.T.: 6.491 min
Delta R.T.: 0.003 min
Response: 43478057
Conc: 3.06 ng/ml

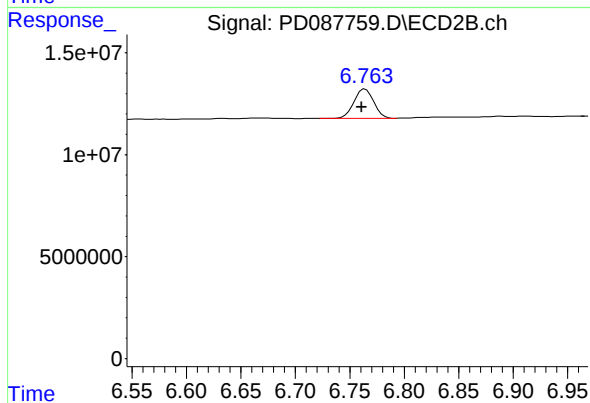
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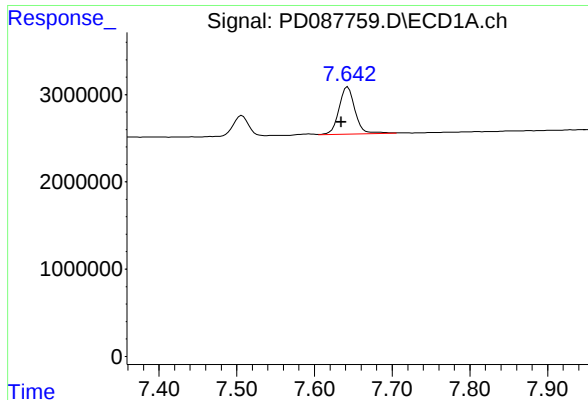
#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: 0.009 min
Response: 3188310
Conc: 2.17 ng/ml



#20 Methoxychlor

R.T.: 6.764 min
Delta R.T.: 0.003 min
Response: 18251606
Conc: 2.39 ng/ml



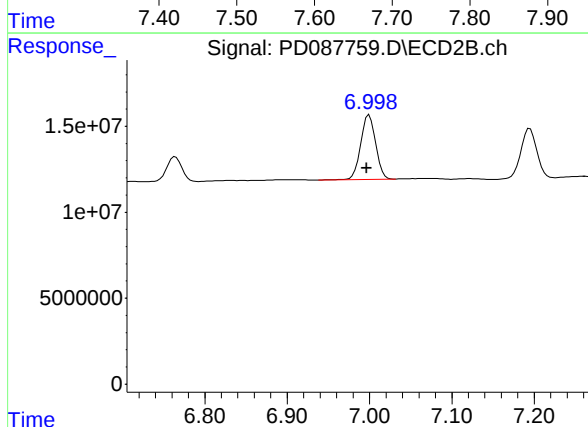
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.008 min
Response: 7792690
Conc: 2.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

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Mirza

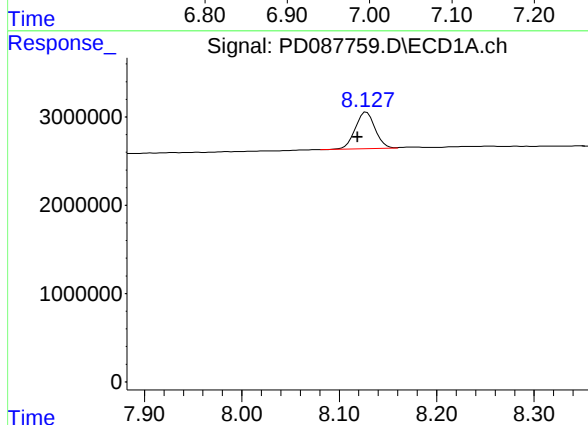


#21 Endrin ketone

R.T.: 7.000 min
Delta R.T.: 0.003 min
Response: 47337399
Conc: 3.03 ng/ml

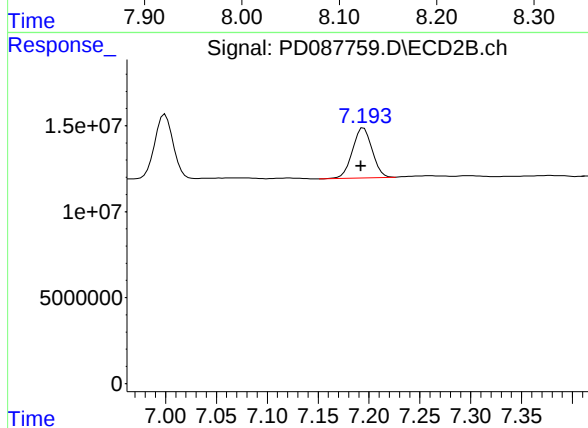
02/07/2025
Supervised By :Ankita
Jodhani

02/07/2025



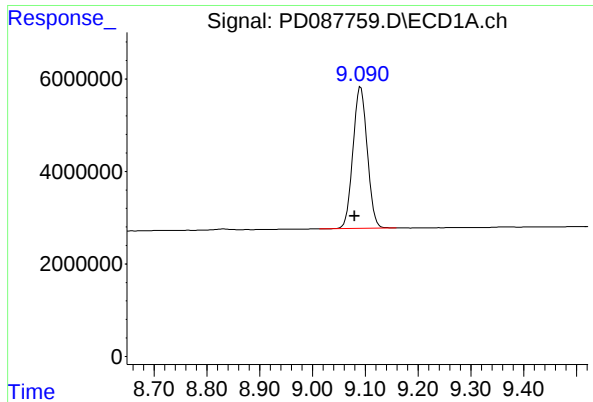
#22 Mirex

R.T.: 8.128 min
Delta R.T.: 0.009 min
Response: 5912265
Conc: 2.55 ng/ml



#22 Mirex

R.T.: 7.195 min
Delta R.T.: 0.003 min
Response: 39255527
Conc: 3.10 ng/ml



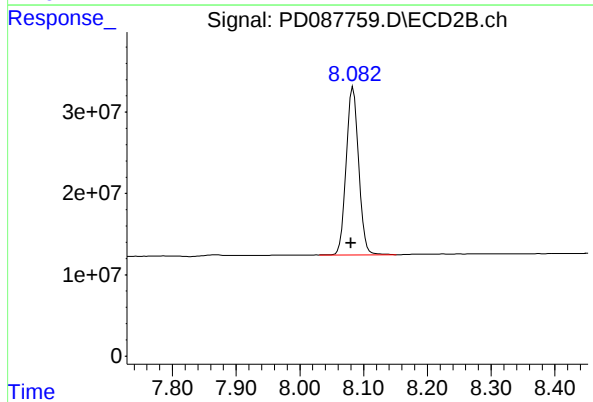
#28 Decachlorobiphenyl

R.T.: 9.091 min
Delta R.T.: 0.012 min
Response: 57424037
Conc: 18.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Manual Integrations
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Mirza



#28 Decachlorobiphenyl

R.T.: 8.083 min
Delta R.T.: 0.003 min
Response: 281850076
Conc: 19.94 ng/ml

02/07/2025
Supervised By :Ankita
Jodhani

02/07/2025