

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021025\
 Data File : PD087802.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2025 11:52
 Operator : AR\AJ
 Sample : Q1168-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/11/2025
 Supervised By :Ankita Jodhani 02/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 11 05:23:27 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

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...	3.558	2.881	33457332	215.3E6	16.793	17.901
28) SA Decachlor...	9.085	8.079	53954828	256.5E6	17.690	18.150
Target Compounds						
2) A alpha-BHC	4.007	3.395	16786083	97122269	4.171	5.196
3) MA gamma-BHC...	4.337	3.731	19327627	92472769	4.857m	5.208
4) MA Heptachlor	4.936	4.086	18572082	88734689	4.982m	5.122
5) MB Aldrin	5.280	4.370	16944978	102.2E6	4.427	5.847m#
6) B beta-BHC	4.523	4.028	7991072	45828318	5.062	6.009
7) B delta-BHC	4.770	4.263	23240393	94199524	5.762m	5.205m
8) B Heptachlo...	5.698	4.875	16458888	87771787	4.816m	5.558m
9) A Endosulfan I	6.082	5.250	15053199	73850354	4.779m	4.955m
10) B gamma-Chl...	5.953	5.128	14890970	87745002	4.505m	5.395m
11) B alpha-Chl...	6.036	5.193	16867814	85902596	5.064	5.384m
12) B 4,4'-DDE	6.204	5.378	12871048	81876612	4.265	5.204m
13) MA Dieldrin	6.356	5.517	15027759	85026391	4.450	5.219
14) MA Endrin	6.583	5.794	11939026	83159396	4.120	5.584 #
15) B Endosulfa...	6.792	6.083	13510162	76472173	4.706m	5.357m
16) A 4,4'-DDD	6.712	5.934	11137675	69560880	4.628m	5.261
17) MA 4,4'-DDT	7.030	6.189	9883062	56604449	3.837	4.205
18) B Endrin al...	6.923	6.263	11178655	66957538	4.825	5.744
19) B Endosulfa...	7.157	6.487	12536497	75214803	4.573	5.290
20) A Methoxychlor	7.502	6.760	6282695	32923850	4.280	4.308
21) B Endrin ke...	7.638	6.996	13879096	84773444	4.514	5.433
22) Mirex	8.123	7.191	11453666	71567378	4.941	5.652

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021025\
Data File : PD087802.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Feb 2025 11:52
Operator : AR\AJ
Sample : Q1168-08
Misc :
ALS Vial : 5 Sample Multiplier: 1

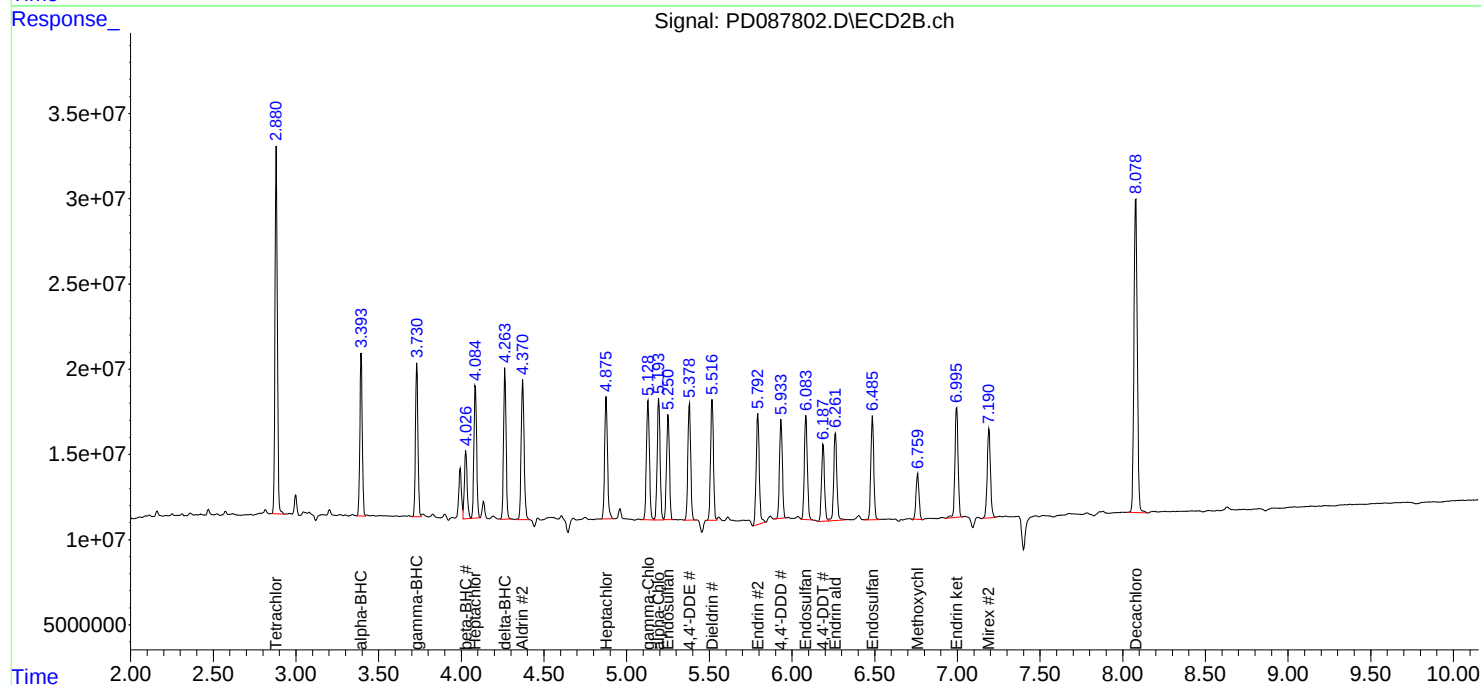
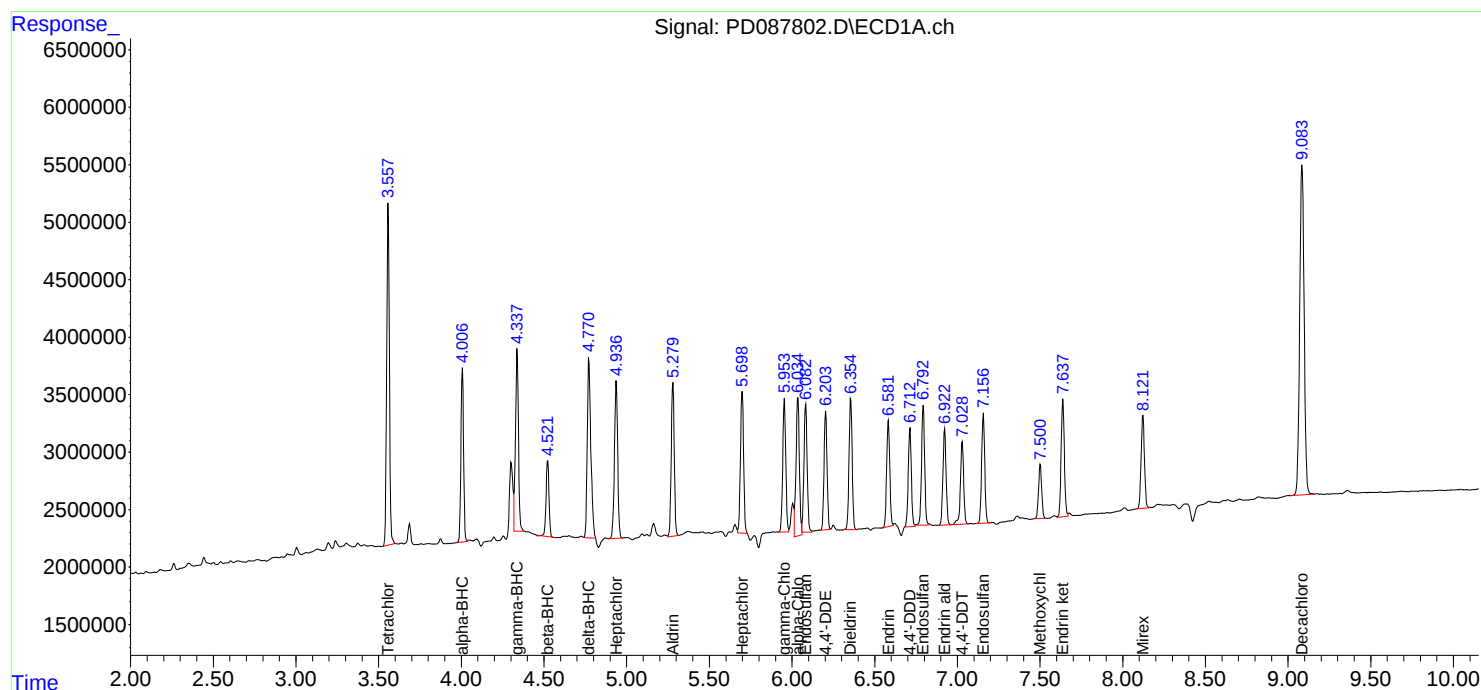
Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025

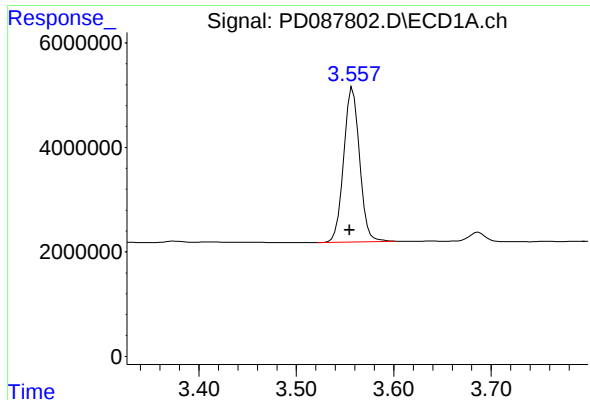
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 02/11/2025
Supervised By : Ankita Jodhani 02/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 11 05:23:27 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
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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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





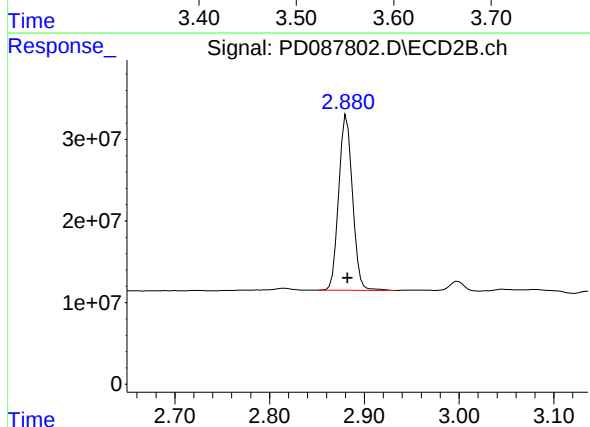
#1 Tetrachloro-m-xylene

R.T.: 3.558 min
Delta R.T.: 0.003 min
Response: 33457332
Conc: 16.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025

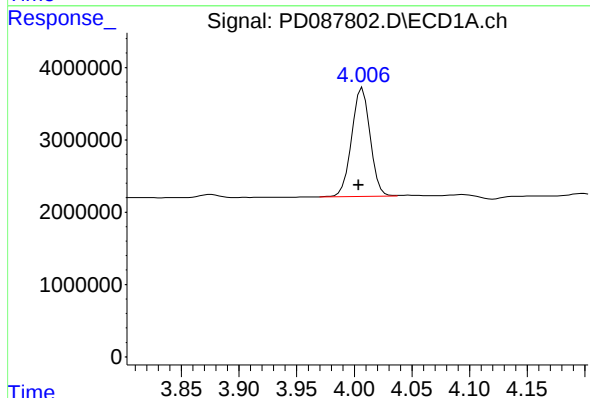
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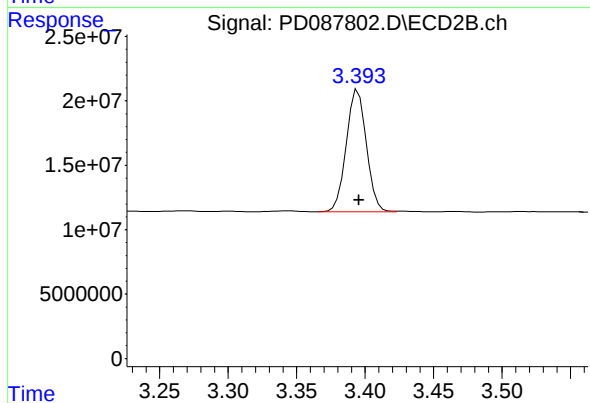
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 215294144
Conc: 17.90 ng/ml



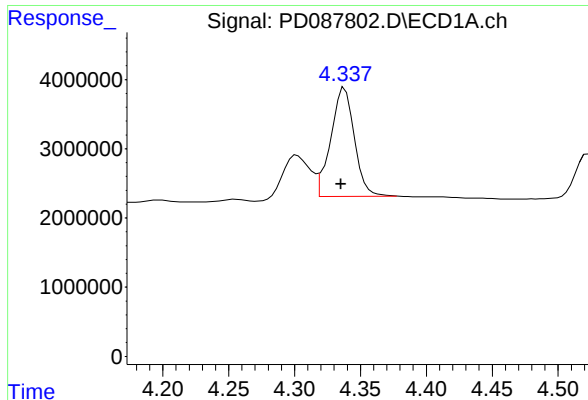
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.003 min
Response: 16786083
Conc: 4.17 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: 0.000 min
Response: 97122269
Conc: 5.20 ng/ml



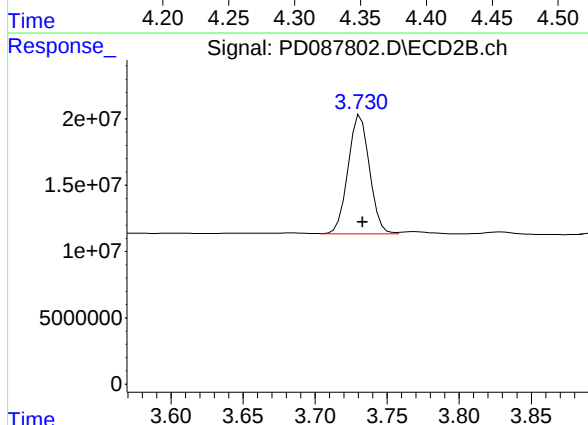
#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: 0.002 min
Response: 19327627
Conc: 4.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025

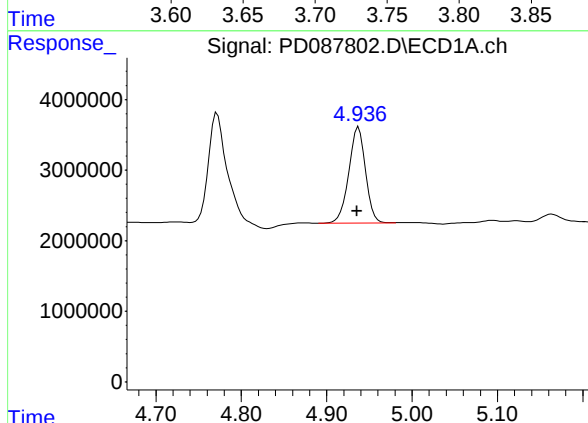
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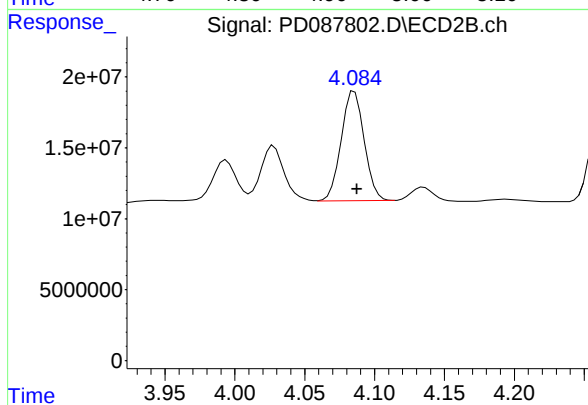
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: -0.002 min
Response: 92472769
Conc: 5.21 ng/ml



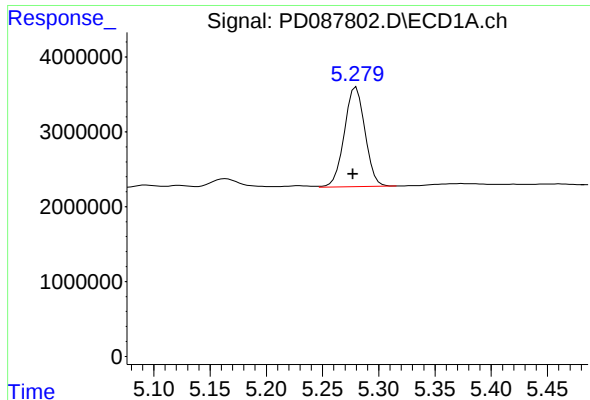
#4 Heptachlor

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 18572082
Conc: 4.98 ng/ml m



#4 Heptachlor

R.T.: 4.086 min
Delta R.T.: -0.002 min
Response: 88734689
Conc: 5.12 ng/ml



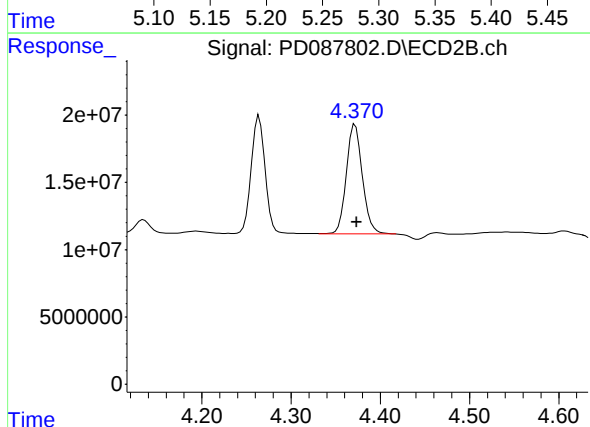
#5 Aldrin

R.T.: 5.280 min
Delta R.T.: 0.003 min
Response: 16944978
Conc: 4.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025

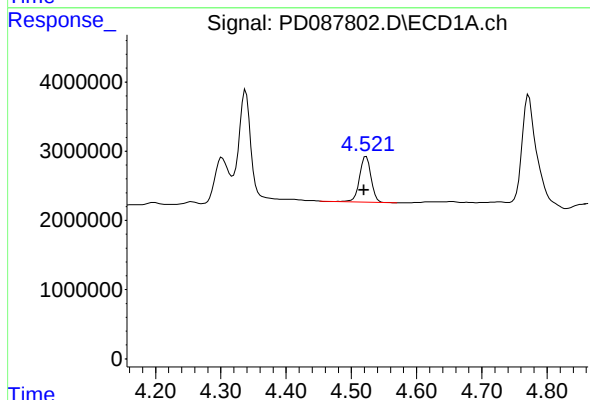
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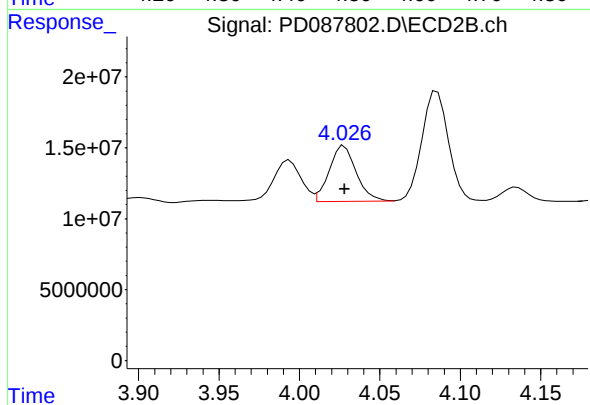
#5 Aldrin

R.T.: 4.370 min
Delta R.T.: -0.003 min
Response: 102163971
Conc: 5.85 ng/ml m



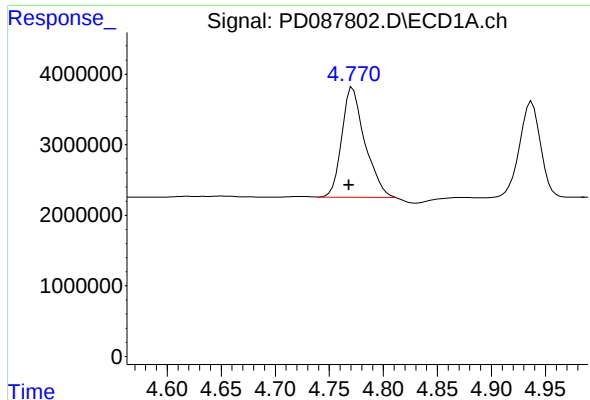
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: 0.003 min
Response: 7991072
Conc: 5.06 ng/ml



#6 beta-BHC

R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 45828318
Conc: 6.01 ng/ml



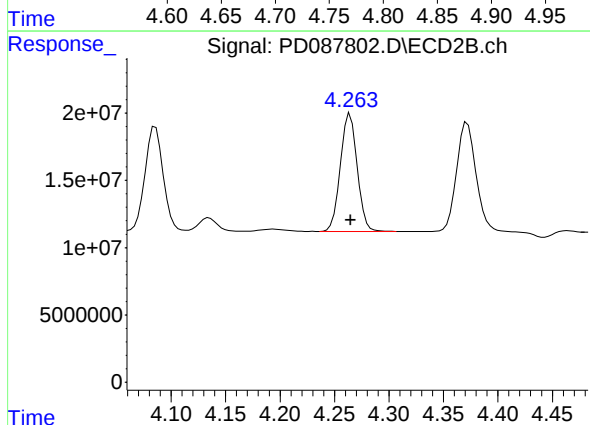
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: 0.002 min
Response: 23240393
Conc: 5.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025

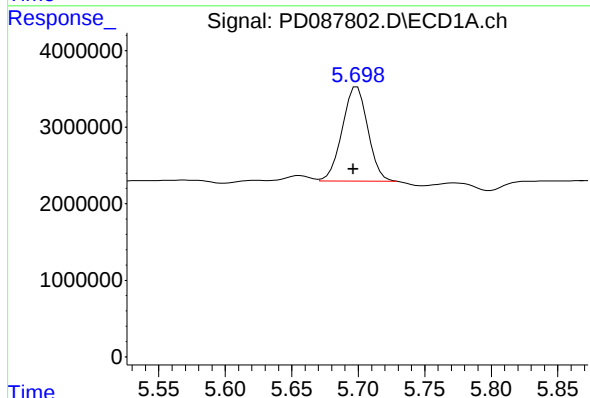
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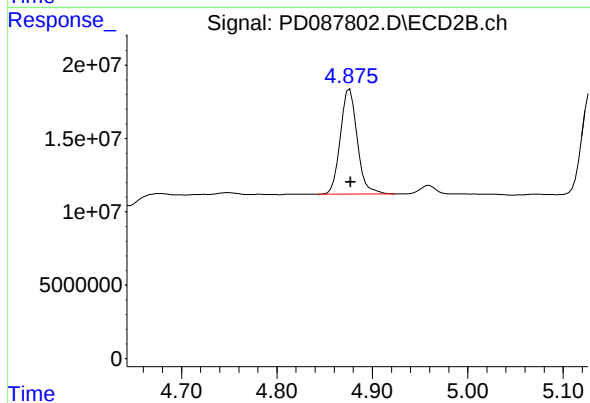
#7 delta-BHC

R.T.: 4.263 min
Delta R.T.: -0.002 min
Response: 94199524
Conc: 5.21 ng/ml m



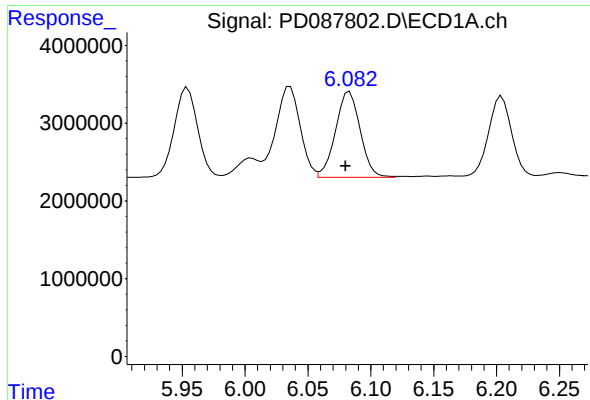
#8 Heptachlor epoxide

R.T.: 5.698 min
Delta R.T.: 0.001 min
Response: 16458888
Conc: 4.82 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.875 min
Delta R.T.: -0.003 min
Response: 87771787
Conc: 5.56 ng/ml m



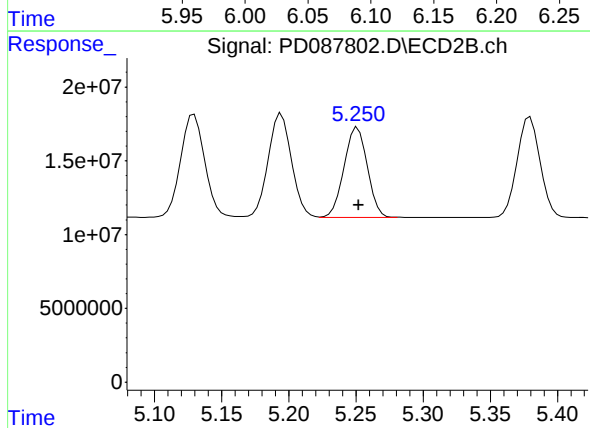
#9 Endosulfan I

R.T.: 6.082 min
Delta R.T.: 0.002 min
Response: 15053199
Conc: 4.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025

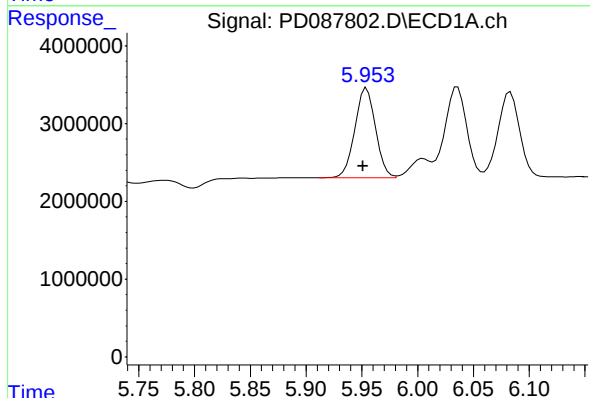
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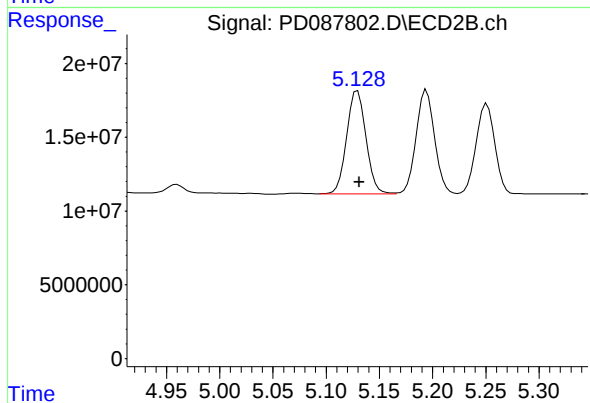
#9 Endosulfan I

R.T.: 5.250 min
Delta R.T.: -0.002 min
Response: 73850354
Conc: 4.96 ng/ml m



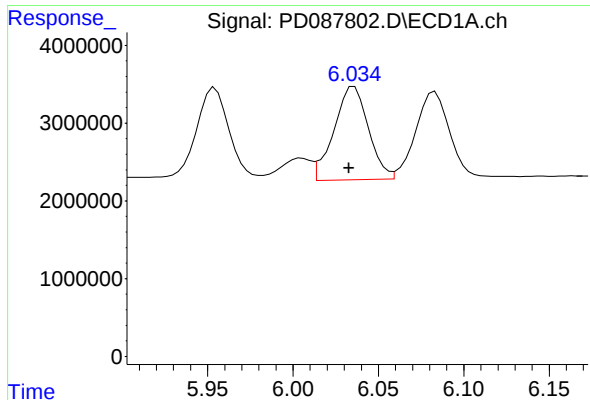
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.002 min
Response: 14890970
Conc: 4.51 ng/ml m



#10 gamma-Chlordane

R.T.: 5.128 min
Delta R.T.: -0.003 min
Response: 87745002
Conc: 5.39 ng/ml m



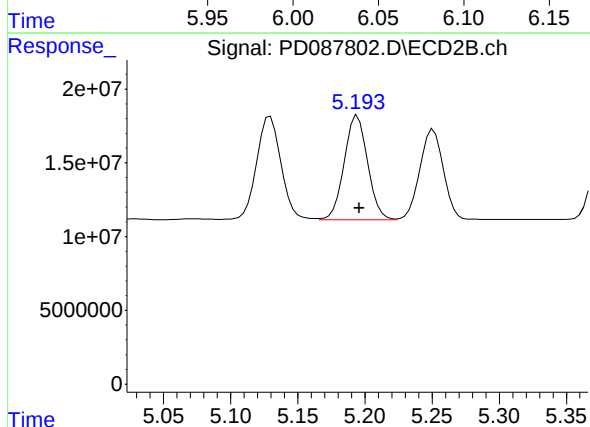
#11 alpha-Chlordane

R.T.: 6.036 min
Delta R.T.: 0.003 min
Response: 16867814
Conc: 5.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025

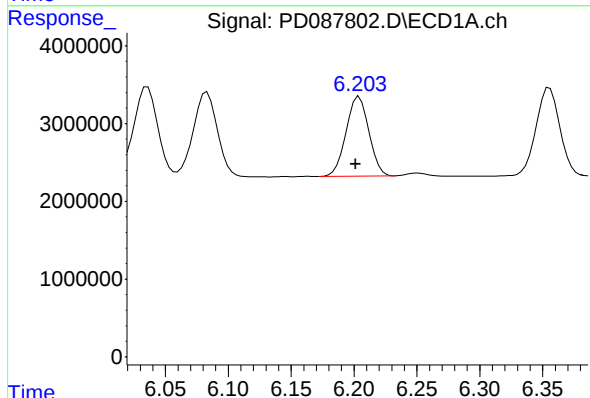
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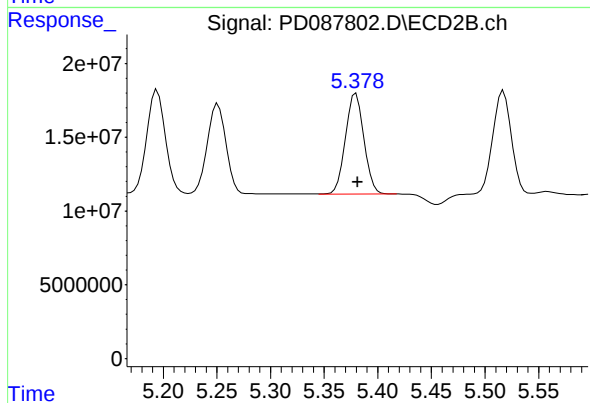
#11 alpha-Chlordane

R.T.: 5.193 min
Delta R.T.: -0.003 min
Response: 85902596
Conc: 5.38 ng/ml m



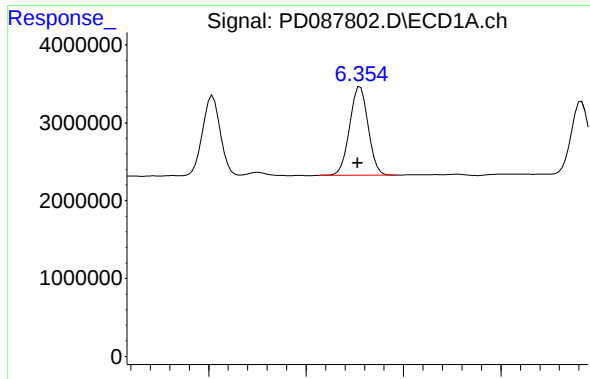
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.003 min
Response: 12871048
Conc: 4.27 ng/ml



#12 4,4'-DDE

R.T.: 5.378 min
Delta R.T.: -0.003 min
Response: 81876612
Conc: 5.20 ng/ml m



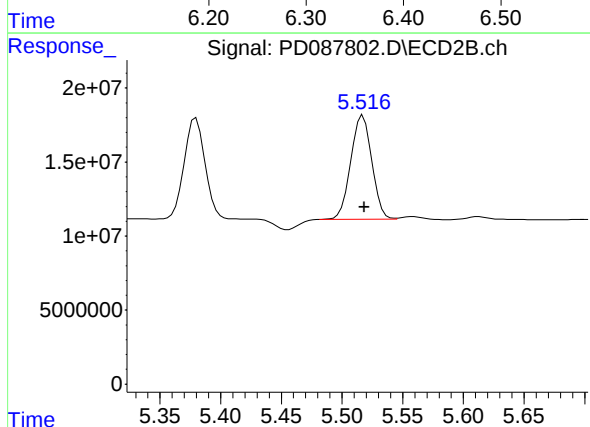
#13 Dieldrin

R.T.: 6.356 min
Delta R.T.: 0.003 min
Response: 15027759
Conc: 4.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025

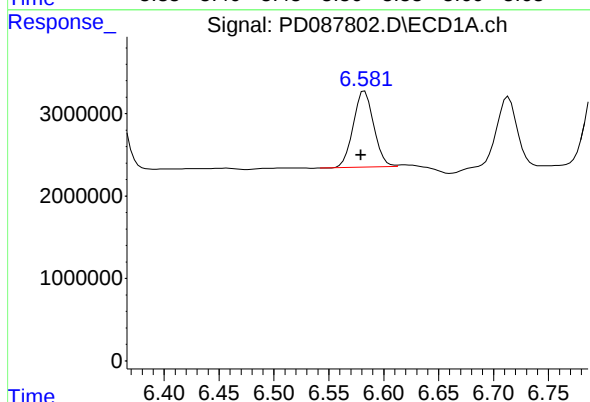
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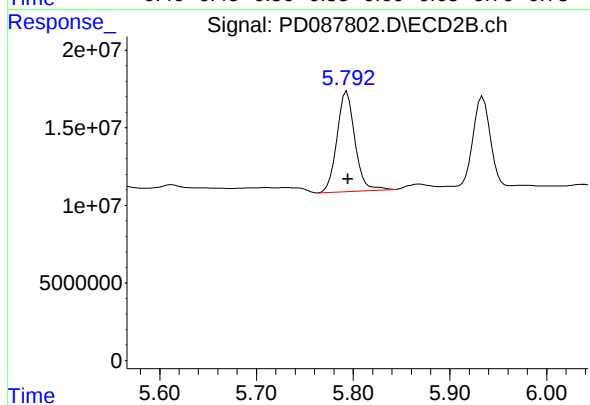
#13 Dieldrin

R.T.: 5.517 min
Delta R.T.: -0.001 min
Response: 85026391
Conc: 5.22 ng/ml



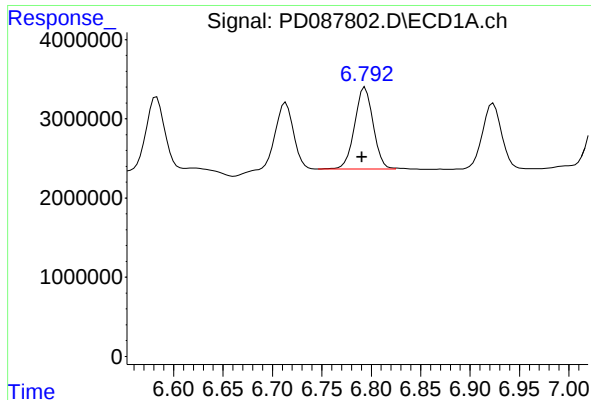
#14 Endrin

R.T.: 6.583 min
Delta R.T.: 0.003 min
Response: 11939026
Conc: 4.12 ng/ml



#14 Endrin

R.T.: 5.794 min
Delta R.T.: 0.000 min
Response: 83159396
Conc: 5.58 ng/ml



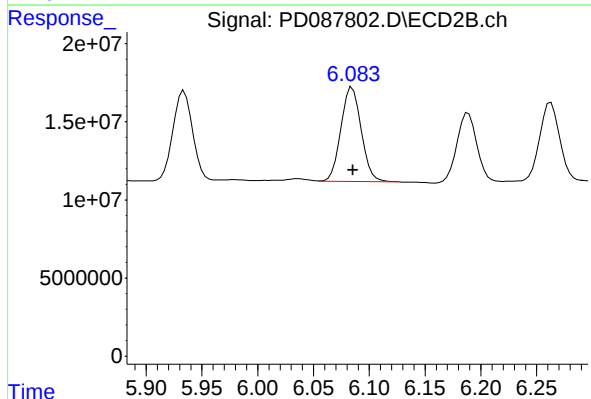
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: 0.002 min
Response: 13510162
Conc: 4.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025

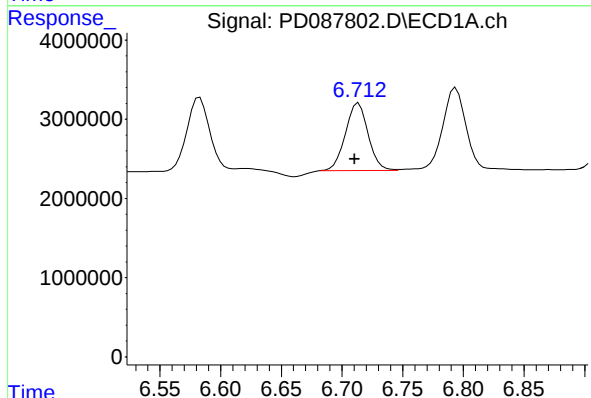
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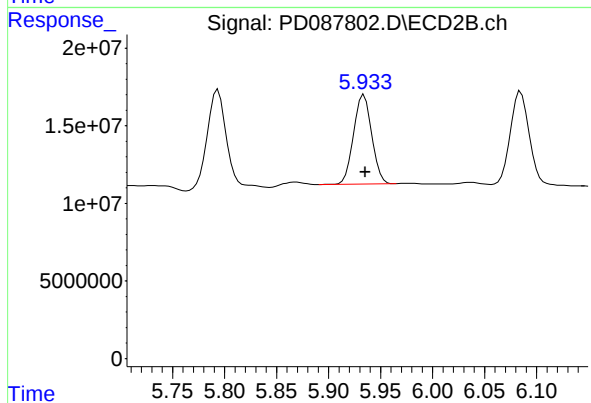
#15 Endosulfan II

R.T.: 6.083 min
Delta R.T.: -0.002 min
Response: 76472173
Conc: 5.36 ng/ml m



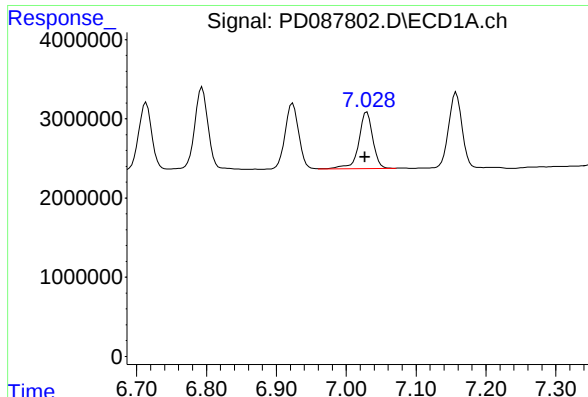
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.002 min
Response: 11137675
Conc: 4.63 ng/ml m



#16 4,4'-DDD

R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 69560880
Conc: 5.26 ng/ml



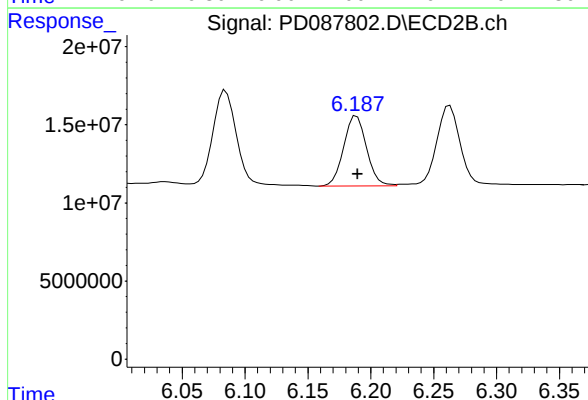
#17 4,4'-DDT

R.T.: 7.030 min
Delta R.T.: 0.003 min
Response: 9883062
Conc: 3.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025

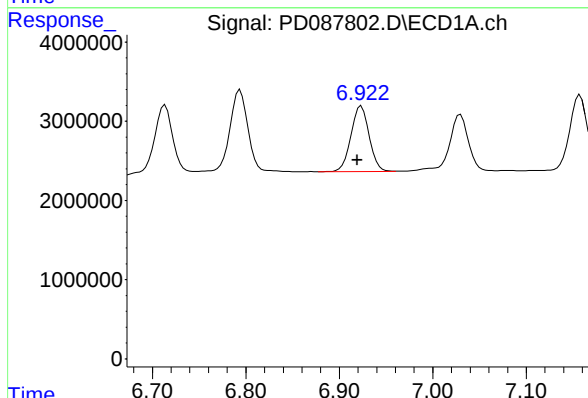
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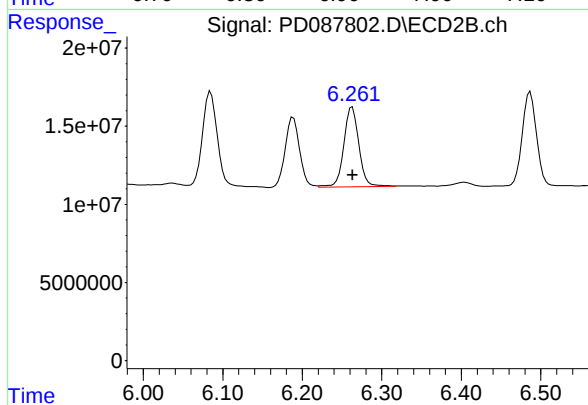
#17 4,4'-DDT

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 56604449
Conc: 4.21 ng/ml



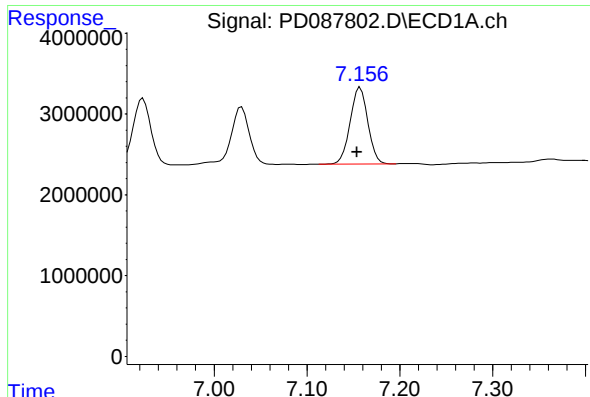
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.004 min
Response: 11178655
Conc: 4.83 ng/ml



#18 Endrin aldehyde

R.T.: 6.263 min
Delta R.T.: 0.000 min
Response: 66957538
Conc: 5.74 ng/ml



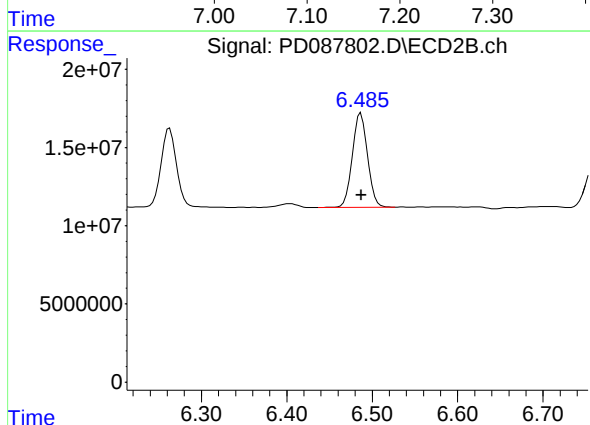
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.004 min
Response: 12536497
Conc: 4.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025

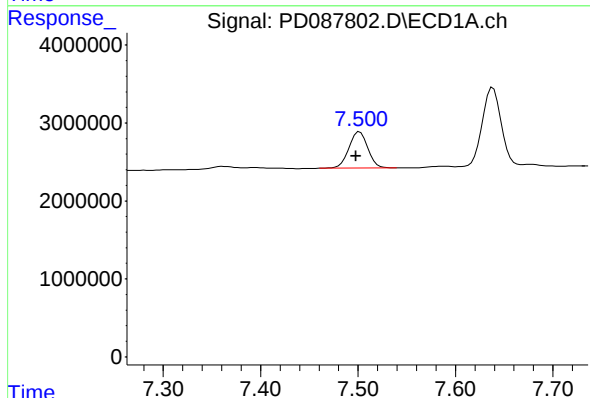
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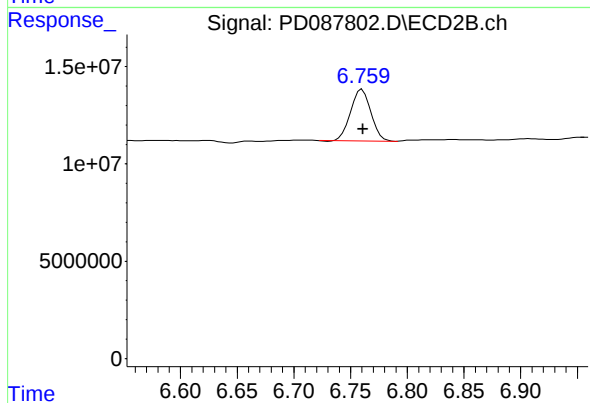
#19 Endosulfan Sulfate

R.T.: 6.487 min
Delta R.T.: 0.000 min
Response: 75214803
Conc: 5.29 ng/ml



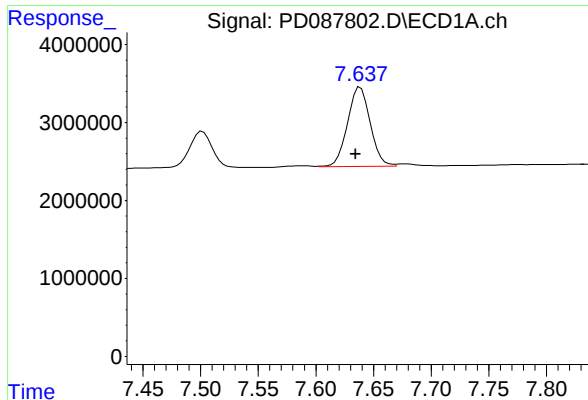
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.004 min
Response: 6282695
Conc: 4.28 ng/ml



#20 Methoxychlor

R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 32923850
Conc: 4.31 ng/ml



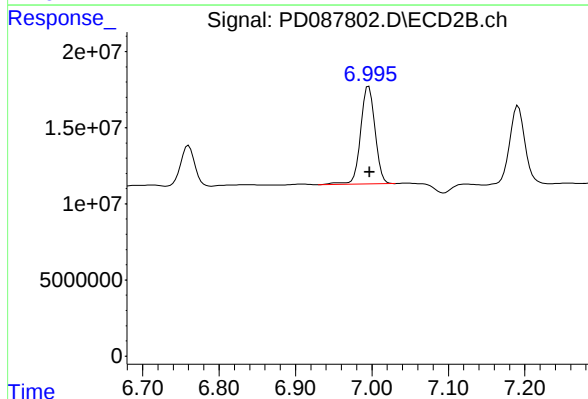
#21 Endrin ketone

R.T.: 7.638 min
Delta R.T.: 0.004 min
Response: 13879096
Conc: 4.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT1-2025

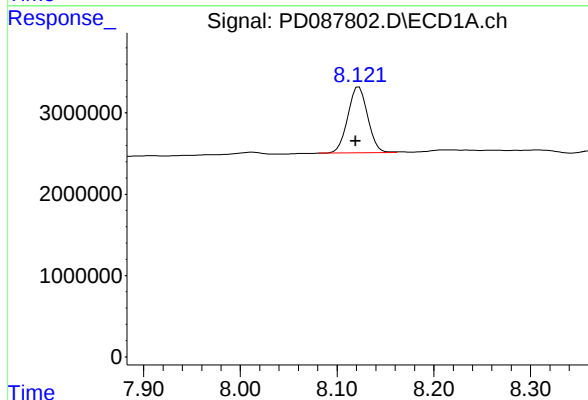
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/11/2025
Supervised By :Ankita Jodhani 02/12/2025



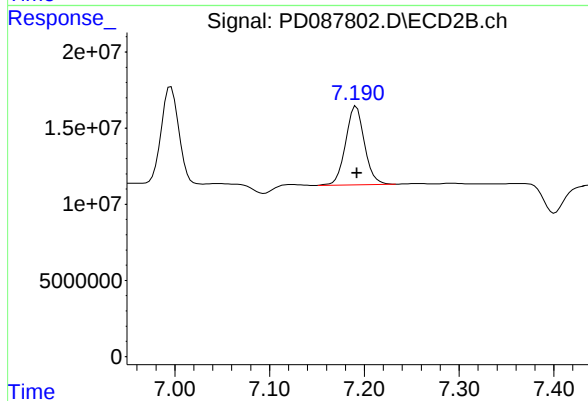
#21 Endrin ketone

R.T.: 6.996 min
Delta R.T.: 0.000 min
Response: 84773444
Conc: 5.43 ng/ml



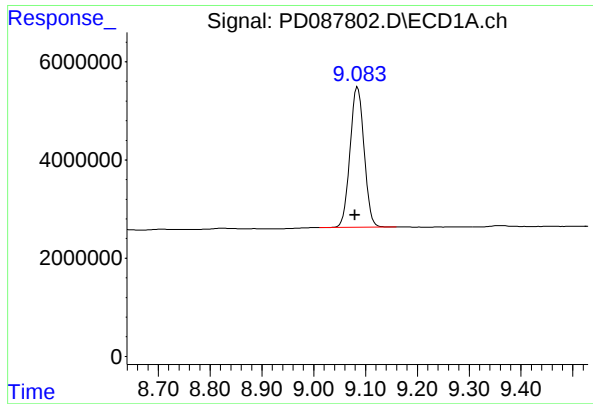
#22 Mirex

R.T.: 8.123 min
Delta R.T.: 0.003 min
Response: 11453666
Conc: 4.94 ng/ml



#22 Mirex

R.T.: 7.191 min
Delta R.T.: 0.000 min
Response: 71567378
Conc: 5.65 ng/ml



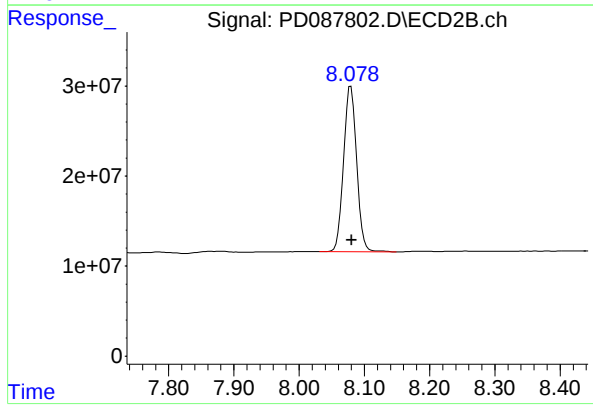
#28 Decachlorobiphenyl

R.T.: 9.085 min
Delta R.T.: 0.005 min
Response: 53954828
Conc: 17.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
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Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.079 min
Delta R.T.: -0.001 min
Response: 256505973
Conc: 18.15 ng/ml