

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111124\
 Data File : PD086521.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2024 14:55
 Operator : AR\AJ
 Sample : P4368-08
 Misc : PEST LOQ 5PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-WATER-02-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/12/2024
 Supervised By :Ankita Jodhani 11/12/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 01:43:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD103024.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 31 11:38:14 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...	3.561	2.887	26560082	202.4E6	18.183	20.465
28)	SA Decachlor...	9.100	8.096	39221186	241.3E6	20.458	22.527
Target Compounds							
2)	A alpha-BHC	4.011	3.402	11546927	83334203	4.030	5.491 #
3)	MA gamma-BHC...	4.343	3.738	11747548	80021395	4.100	5.473 #
4)	MA Heptachlor	4.944	4.095	12850398	81983725	4.698	5.820
5)	MB Aldrin	5.285	4.380	11636153	80086059	4.235m	5.494m#
6)	B beta-BHC	4.527	4.034	5884898	38966458	5.148	6.111
7)	B delta-BHC	4.776	4.270	13879127	79946902	4.696	5.377m
8)	B Heptachlo...	5.706	4.887	12721982	77673689	5.165	5.892
9)	A Endosulfan I	6.089	5.261	10384975	64739931	4.524m	5.211m
10)	B gamma-Chl...	5.961	5.141	11259737	80036515	4.677m	5.880 #
11)	B alpha-Chl...	6.042	5.204	10416596	77959915	4.304m	5.827m#
12)	B 4,4'-DDE	6.211	5.391	9767633	72792638	4.369m	5.563m#
13)	MA Dieldrin	6.364	5.527	11211151	77089653	4.504	5.655m#
14)	MA Endrin	6.590	5.804	9511215	73511983	4.413m	5.991m#
15)	B Endosulfa...	6.801	6.095	10382759	71629239	4.804m	5.967m
16)	A 4,4'-DDD	6.720	5.947	7950027	61998158	4.400m	5.630 #
17)	MA 4,4'-DDT	7.039	6.201	7747928	65960258	4.232	5.687 #
18)	B Endrin al...	6.931	6.275	8278726	57868399	5.007	6.172
19)	B Endosulfa...	7.166	6.499	9539051	70559042	4.747	6.096 #
20)	A Methoxychlor	7.511	6.774	5325759	38033809	4.925	6.019
21)	B Endrin ke...	7.648	7.007	10827658	75188802	4.772	5.913m
22)	Mirex	8.133	7.206	8390097	61882304	5.068	5.956

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111124\
Data File : PD086521.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Nov 2024 14:55
Operator : AR\AJ
Sample : P4368-08
Misc : PEST LOQ 5PPB
ALS Vial : 12 Sample Multiplier: 1

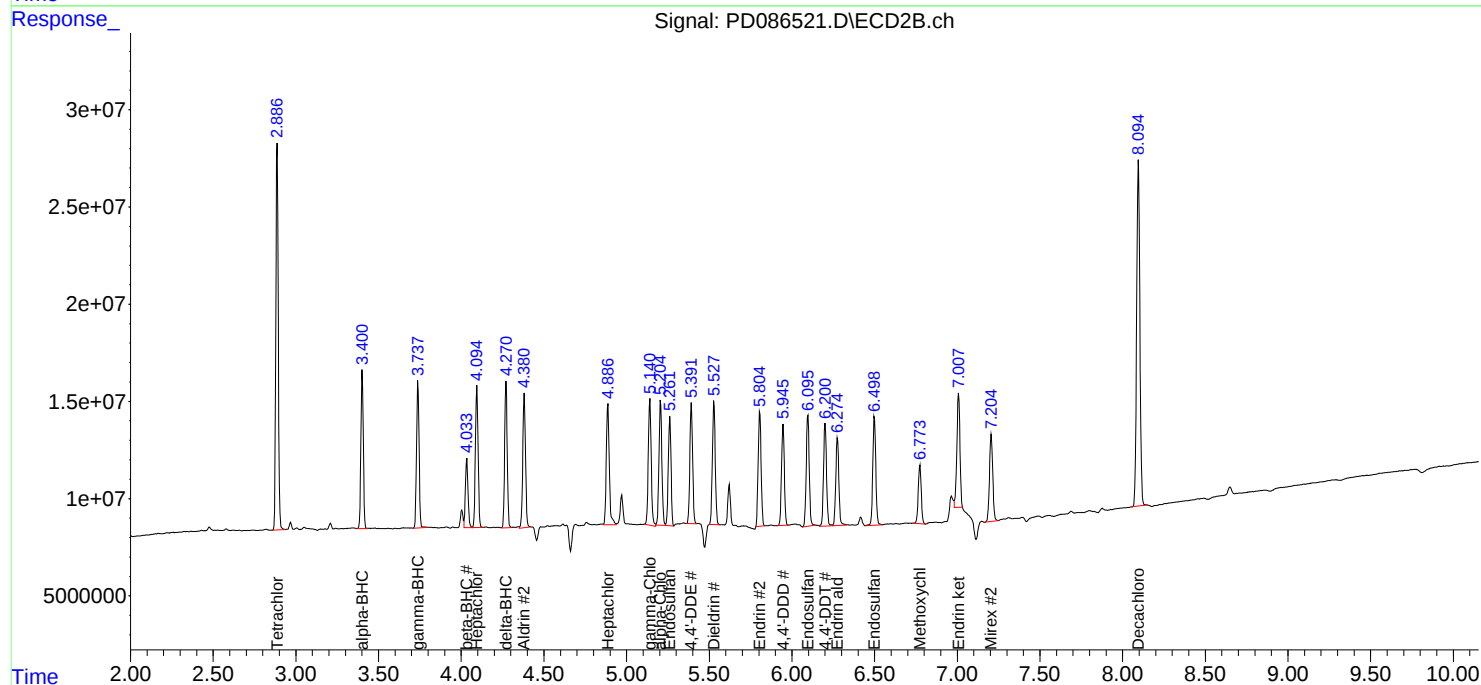
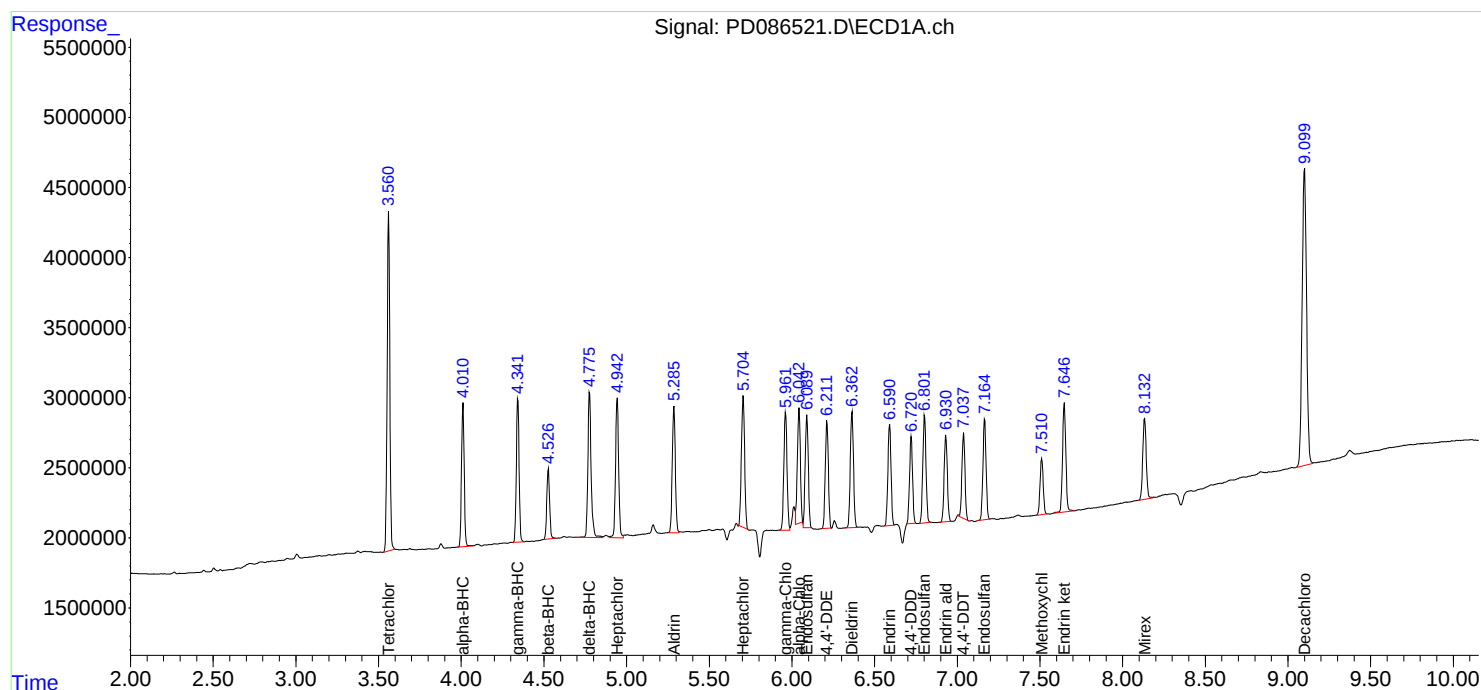
Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2024

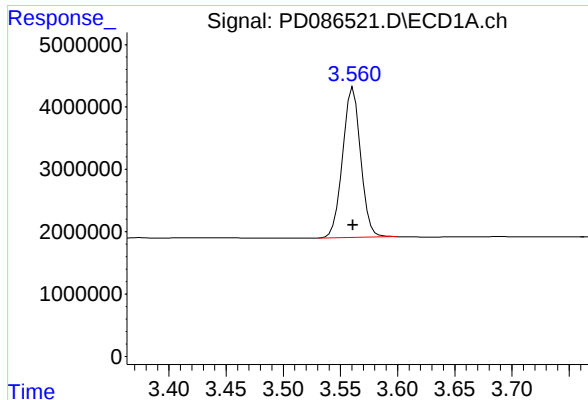
Manual Integrations
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Supervised By : Ankita Jodhani 11/12/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 12 01:43:53 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD103024.M
Quant Title : GC Extractables
QLast Update : Thu Oct 31 11:38:14 2024
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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





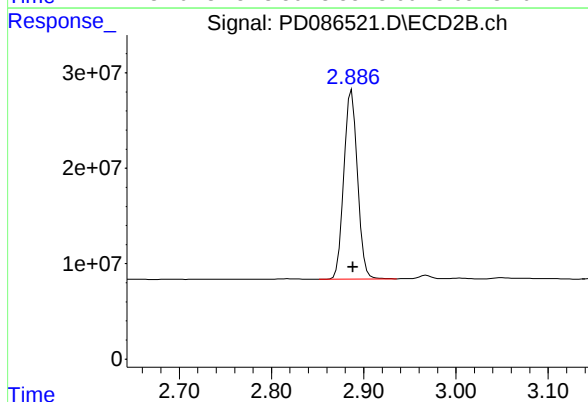
#1 Tetrachloro-m-xylene

R.T.: 3.561 min
Delta R.T.: 0.000 min
Response: 26560082
Conc: 18.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2024

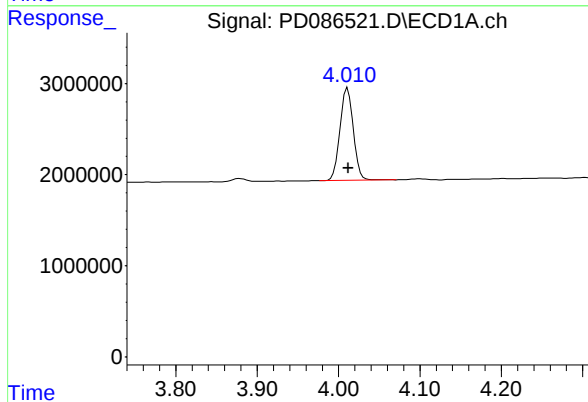
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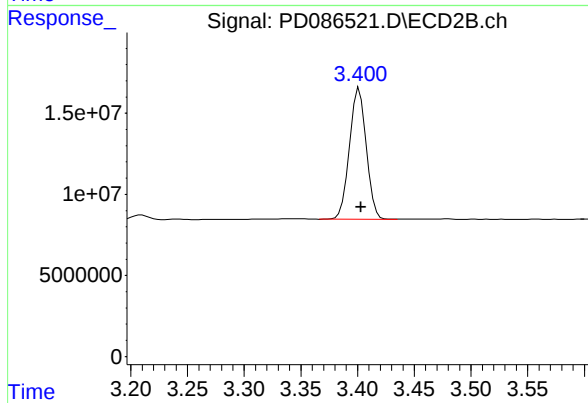
#1 Tetrachloro-m-xylene

R.T.: 2.887 min
Delta R.T.: -0.001 min
Response: 202387126
Conc: 20.47 ng/ml



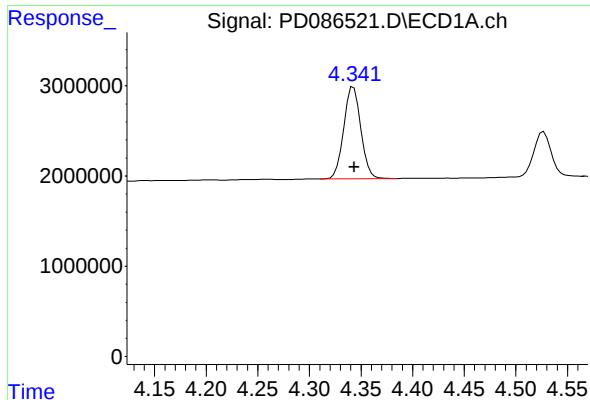
#2 alpha-BHC

R.T.: 4.011 min
Delta R.T.: 0.000 min
Response: 11546927
Conc: 4.03 ng/ml



#2 alpha-BHC

R.T.: 3.402 min
Delta R.T.: -0.001 min
Response: 83334203
Conc: 5.49 ng/ml



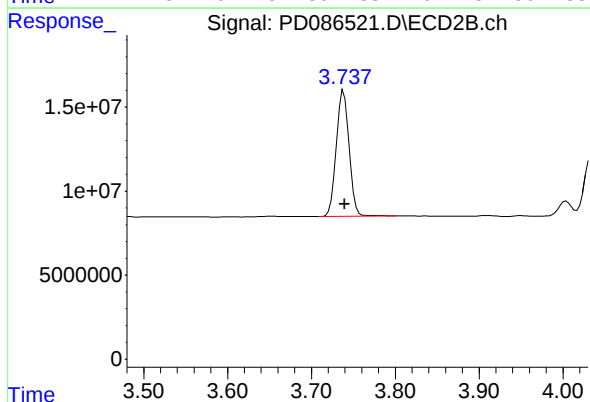
#3 gamma-BHC (Lindane)

R.T.: 4.343 min
Delta R.T.: 0.000 min
Response: 11747548
Conc: 4.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2024

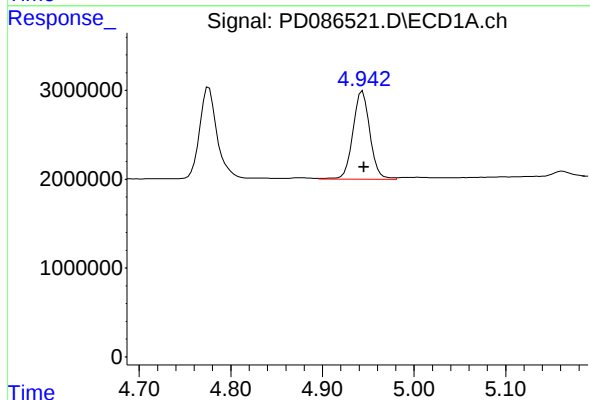
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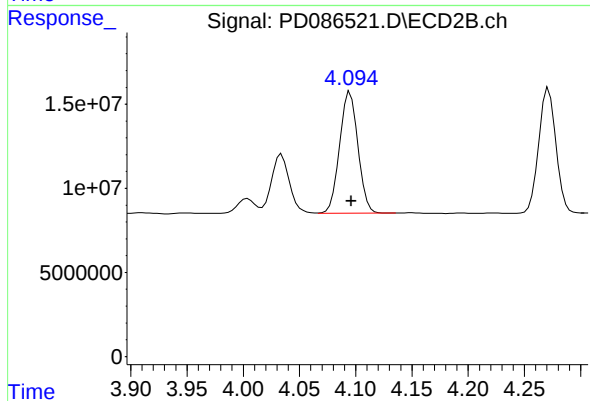
#3 gamma-BHC (Lindane)

R.T.: 3.738 min
Delta R.T.: -0.001 min
Response: 80021395
Conc: 5.47 ng/ml



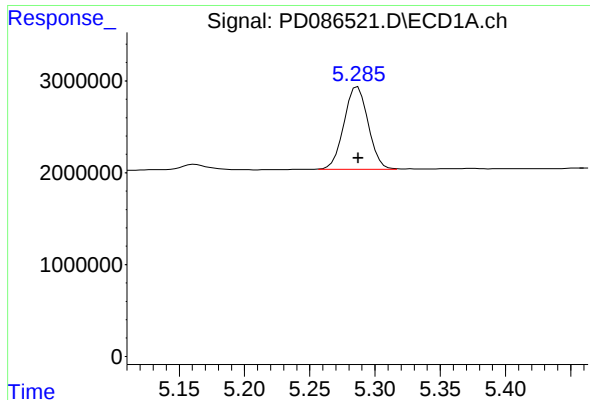
#4 Heptachlor

R.T.: 4.944 min
Delta R.T.: -0.001 min
Response: 12850398
Conc: 4.70 ng/ml



#4 Heptachlor

R.T.: 4.095 min
Delta R.T.: -0.001 min
Response: 81983725
Conc: 5.82 ng/ml



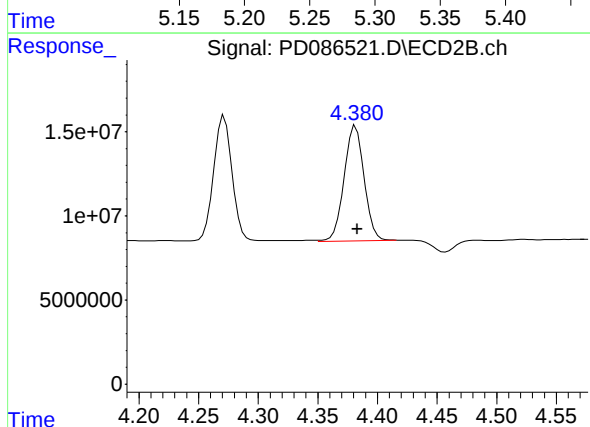
#5 Aldrin

R.T.: 5.285 min
Delta R.T.: -0.002 min
Response: 11636153
Conc: 4.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2024

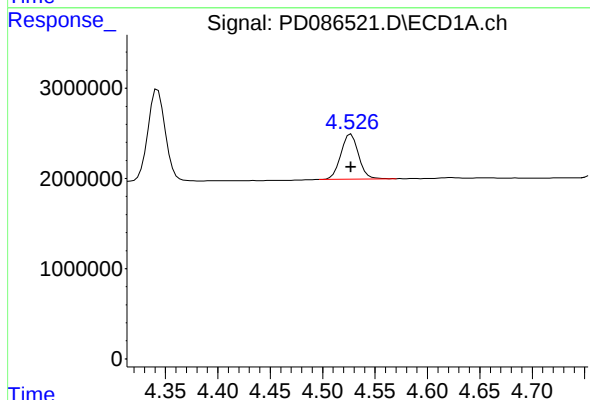
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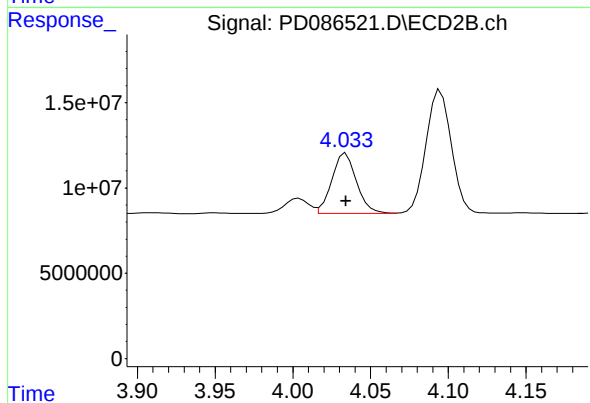
#5 Aldrin

R.T.: 4.380 min
Delta R.T.: -0.003 min
Response: 80086059
Conc: 5.49 ng/ml m



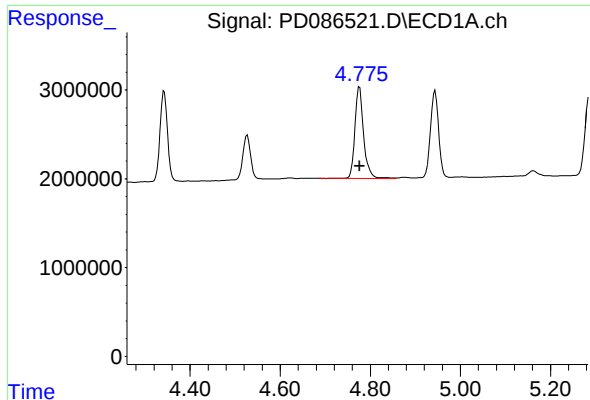
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.000 min
Response: 5884898
Conc: 5.15 ng/ml



#6 beta-BHC

R.T.: 4.034 min
Delta R.T.: 0.000 min
Response: 38966458
Conc: 6.11 ng/ml



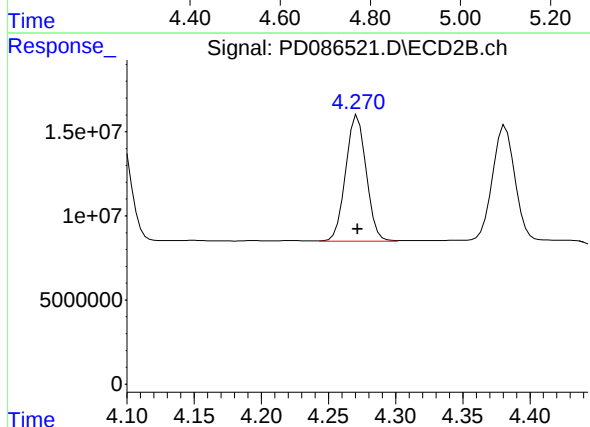
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 13879127
Conc: 4.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2024

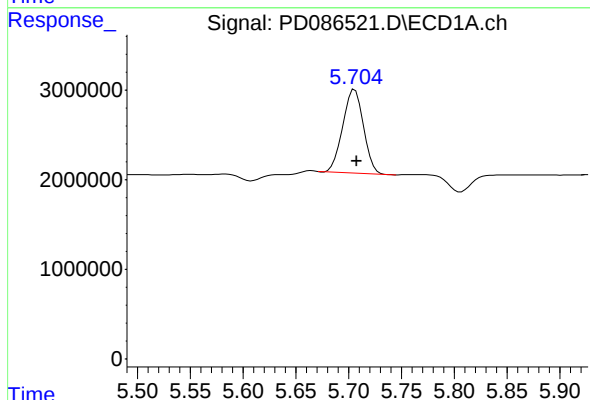
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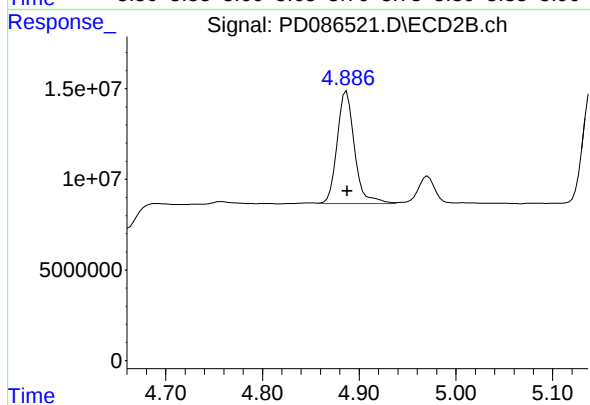
#7 delta-BHC

R.T.: 4.270 min
Delta R.T.: -0.002 min
Response: 79946902
Conc: 5.38 ng/ml m



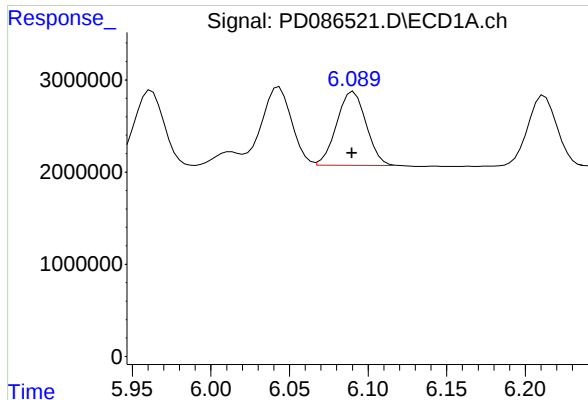
#8 Heptachlor epoxide

R.T.: 5.706 min
Delta R.T.: -0.002 min
Response: 12721982
Conc: 5.17 ng/ml



#8 Heptachlor epoxide

R.T.: 4.887 min
Delta R.T.: 0.000 min
Response: 77673689
Conc: 5.89 ng/ml



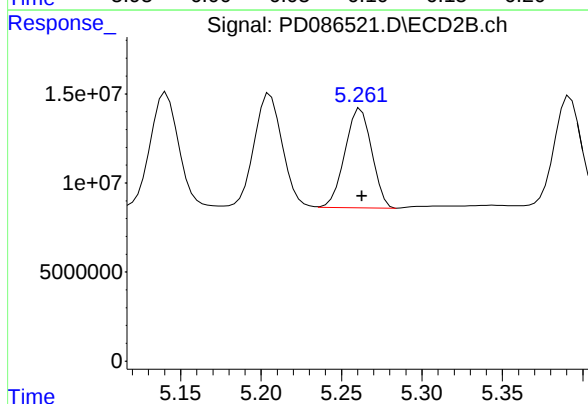
#9 Endosulfan I

R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 10384975
Conc: 4.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2024

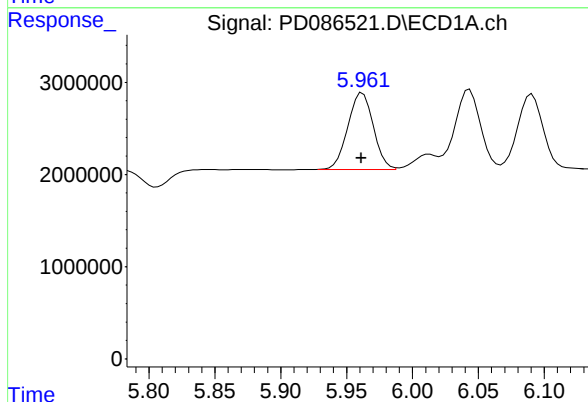
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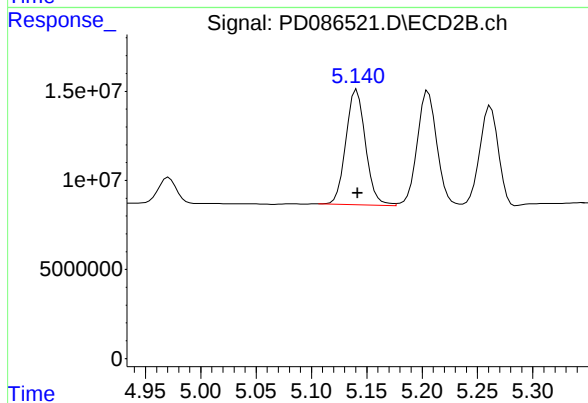
#9 Endosulfan I

R.T.: 5.261 min
Delta R.T.: -0.002 min
Response: 64739931
Conc: 5.21 ng/ml m



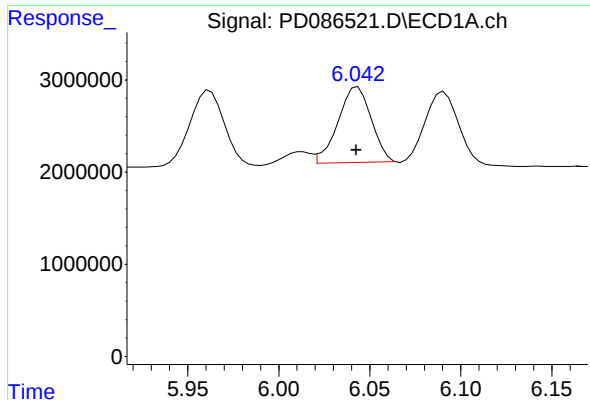
#10 gamma-Chlordane

R.T.: 5.961 min
Delta R.T.: 0.000 min
Response: 11259737
Conc: 4.68 ng/ml m



#10 gamma-Chlordane

R.T.: 5.141 min
Delta R.T.: 0.000 min
Response: 80036515
Conc: 5.88 ng/ml



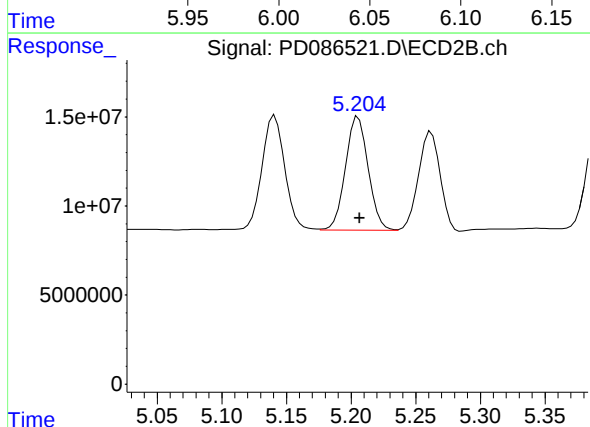
#11 alpha-Chlordane

R.T.: 6.042 min
Delta R.T.: 0.000 min
Response: 10416596
Conc: 4.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2024

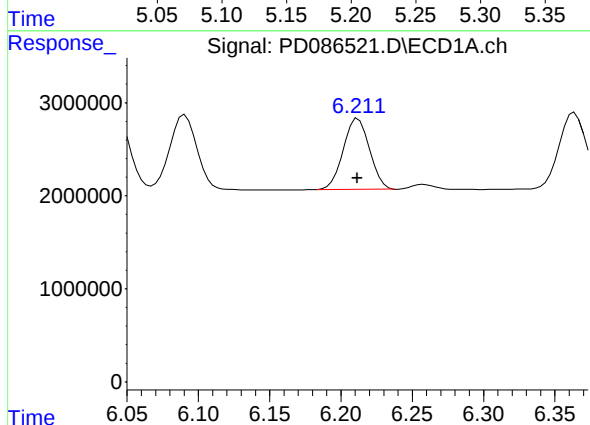
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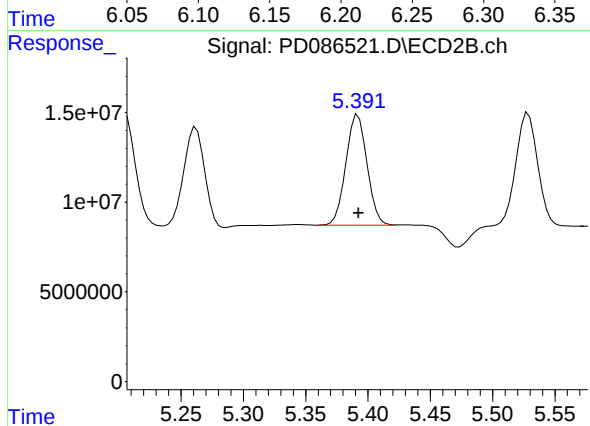
#11 alpha-Chlordane

R.T.: 5.204 min
Delta R.T.: -0.002 min
Response: 77959915
Conc: 5.83 ng/ml m



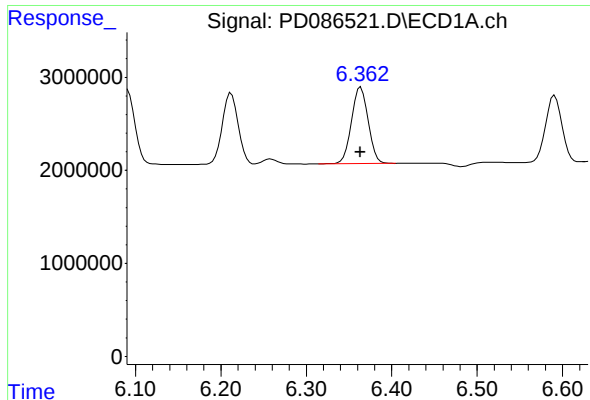
#12 4,4'-DDE

R.T.: 6.211 min
Delta R.T.: 0.000 min
Response: 9767633
Conc: 4.37 ng/ml m



#12 4,4'-DDE

R.T.: 5.391 min
Delta R.T.: -0.002 min
Response: 72792638
Conc: 5.56 ng/ml m



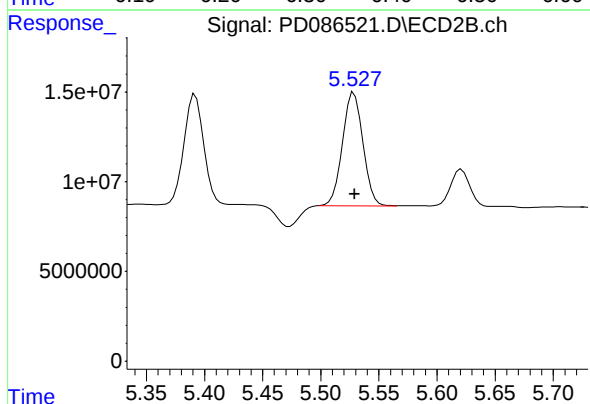
#13 Dieldrin

R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 11211151
Conc: 4.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2024

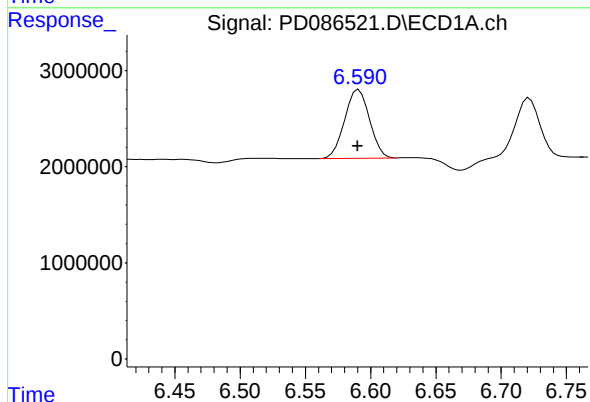
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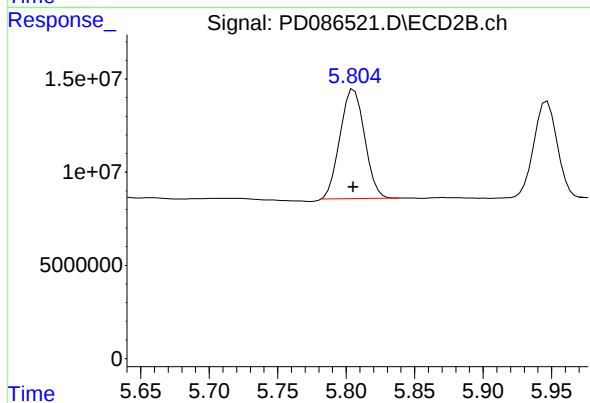
#13 Dieldrin

R.T.: 5.527 min
Delta R.T.: -0.002 min
Response: 77089653
Conc: 5.65 ng/ml m



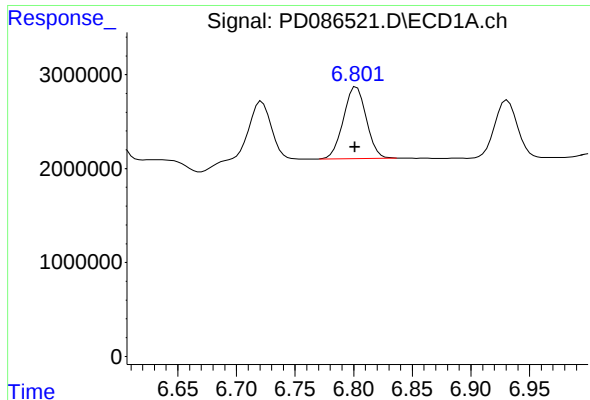
#14 Endrin

R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 9511215
Conc: 4.41 ng/ml m



#14 Endrin

R.T.: 5.804 min
Delta R.T.: 0.000 min
Response: 73511983
Conc: 5.99 ng/ml m



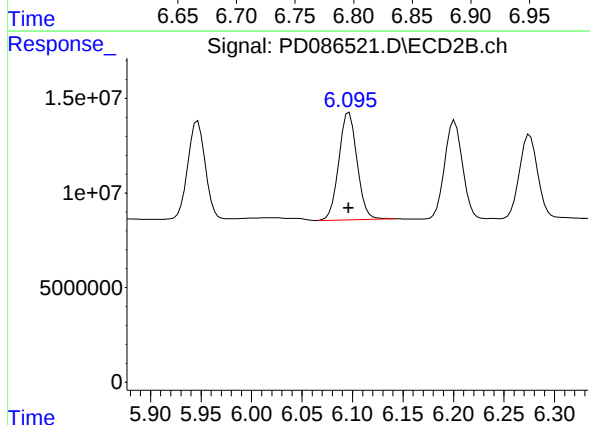
#15 Endosulfan II

R.T.: 6.801 min
Delta R.T.: 0.000 min
Response: 10382759
Conc: 4.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
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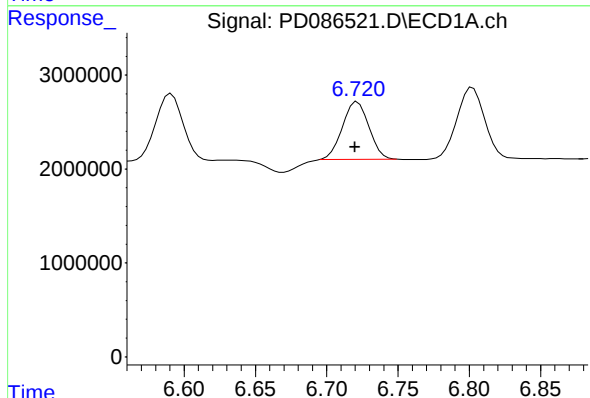
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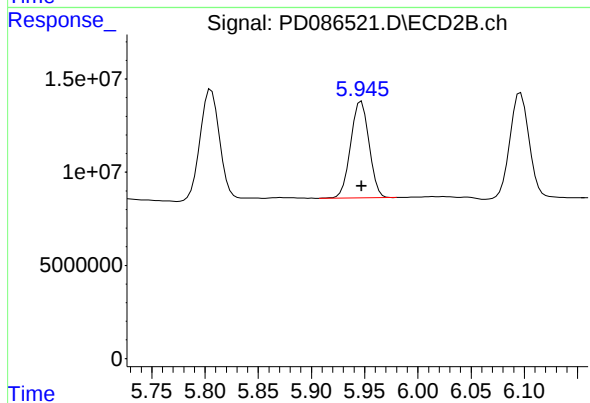
#15 Endosulfan II

R.T.: 6.095 min
Delta R.T.: 0.000 min
Response: 71629239
Conc: 5.97 ng/ml m



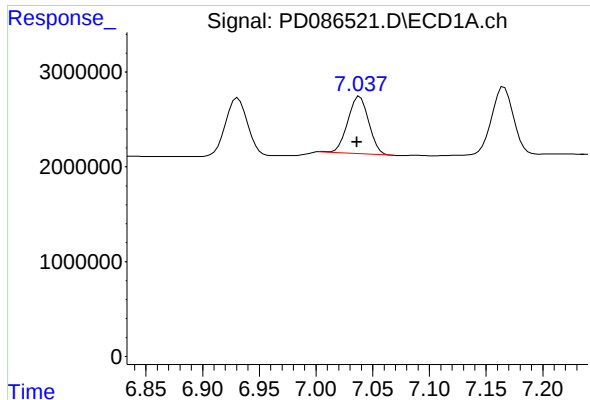
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 7950027
Conc: 4.40 ng/ml m



#16 4,4'-DDD

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 61998158
Conc: 5.63 ng/ml



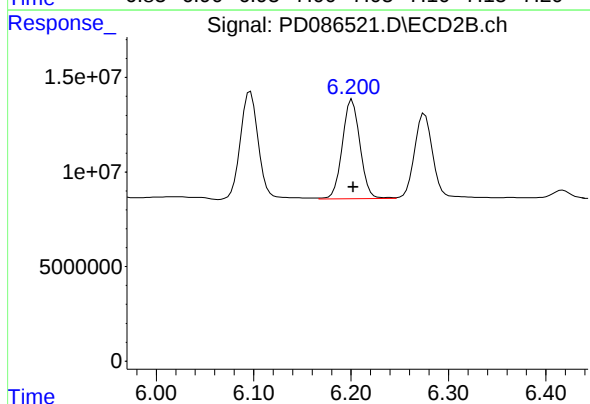
#17 4,4'-DDT

R.T.: 7.039 min
Delta R.T.: 0.003 min
Response: 7747928
Conc: 4.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2024

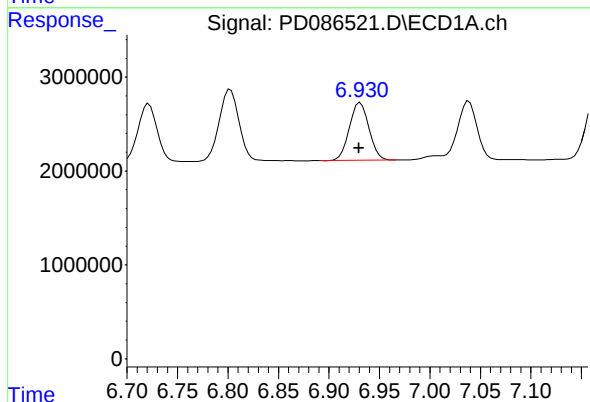
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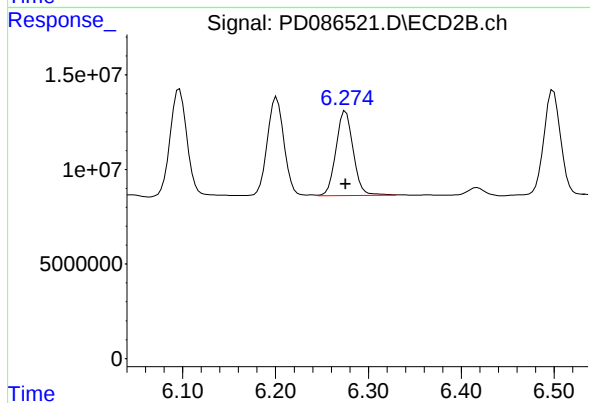
#17 4,4'-DDT

R.T.: 6.201 min
Delta R.T.: -0.001 min
Response: 65960258
Conc: 5.69 ng/ml



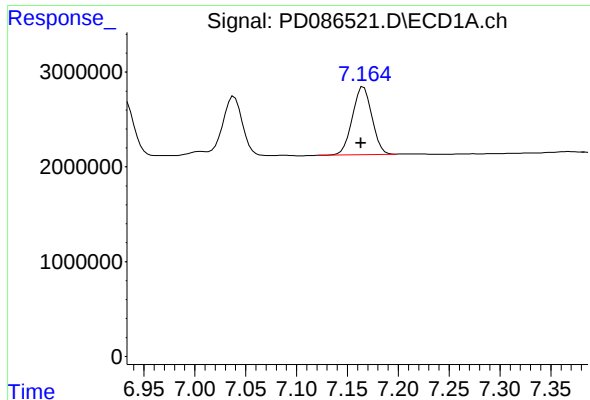
#18 Endrin aldehyde

R.T.: 6.931 min
Delta R.T.: 0.001 min
Response: 8278726
Conc: 5.01 ng/ml



#18 Endrin aldehyde

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 57868399
Conc: 6.17 ng/ml



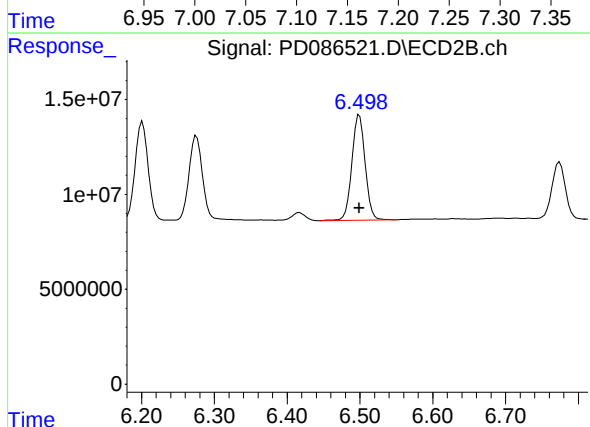
#19 Endosulfan Sulfate

R.T.: 7.166 min
Delta R.T.: 0.003 min
Response: 9539051
Conc: 4.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2024

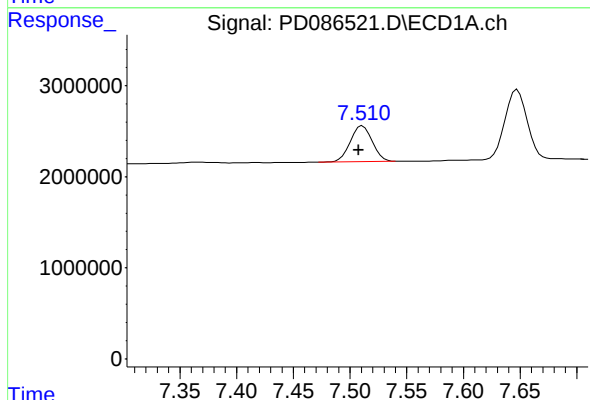
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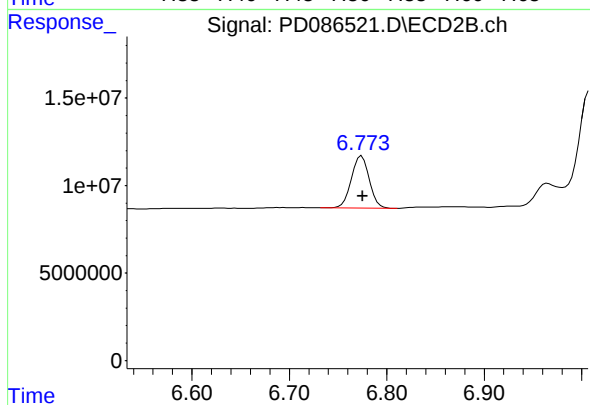
#19 Endosulfan Sulfate

R.T.: 6.499 min
Delta R.T.: 0.000 min
Response: 70559042
Conc: 6.10 ng/ml



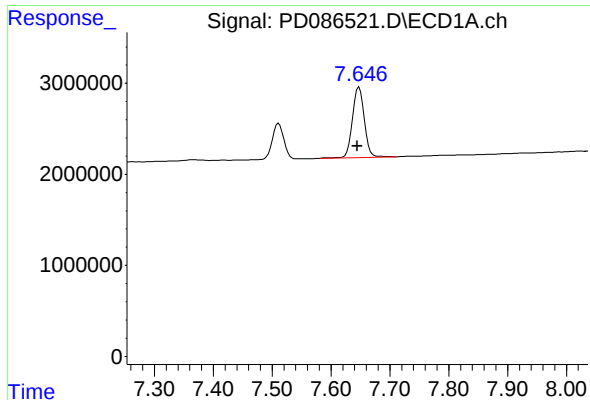
#20 Methoxychlor

R.T.: 7.511 min
Delta R.T.: 0.003 min
Response: 5325759
Conc: 4.92 ng/ml



#20 Methoxychlor

R.T.: 6.774 min
Delta R.T.: -0.001 min
Response: 38033809
Conc: 6.02 ng/ml



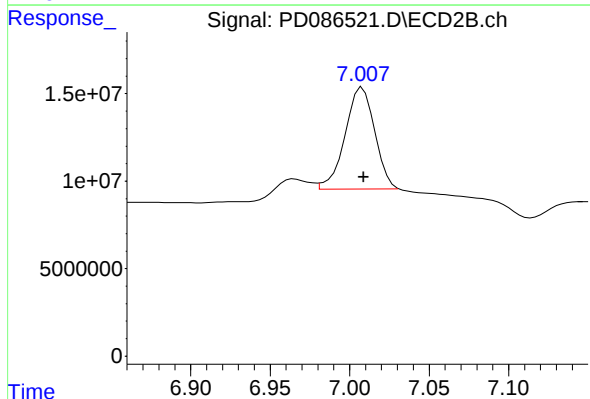
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.003 min
Response: 10827658
Conc: 4.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2024

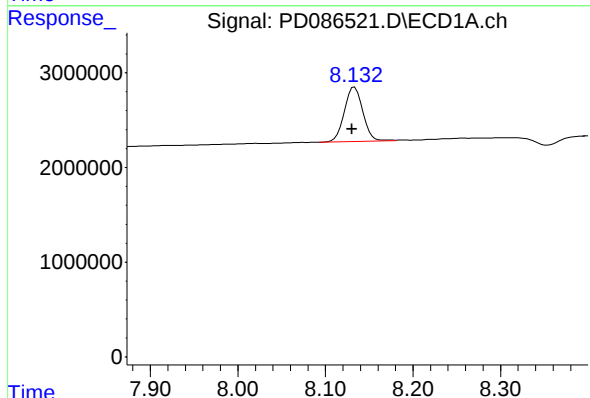
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/12/2024
Supervised By :Ankita Jodhani 11/12/2024



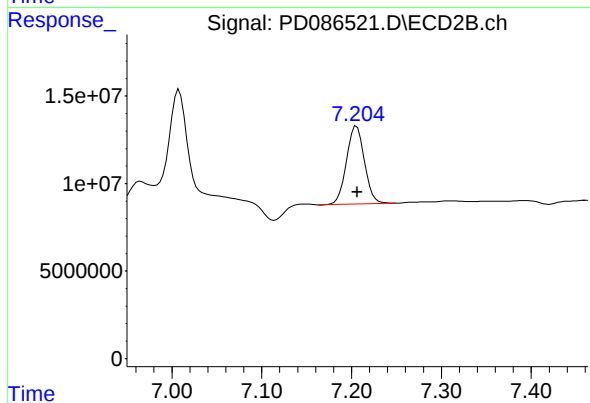
#21 Endrin ketone

R.T.: 7.007 min
Delta R.T.: -0.002 min
Response: 75188802
Conc: 5.91 ng/ml m



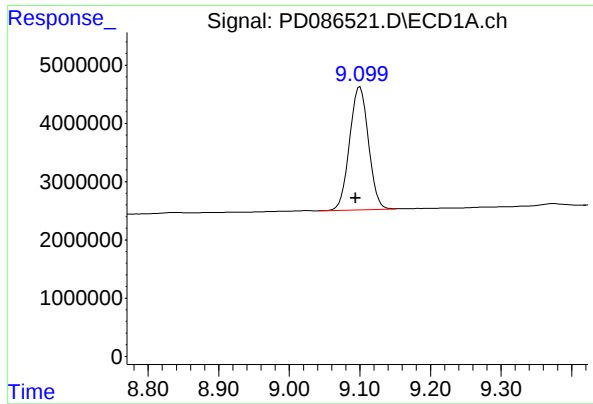
#22 Mirex

R.T.: 8.133 min
Delta R.T.: 0.003 min
Response: 8390097
Conc: 5.07 ng/ml



#22 Mirex

R.T.: 7.206 min
Delta R.T.: -0.001 min
Response: 61882304
Conc: 5.96 ng/ml



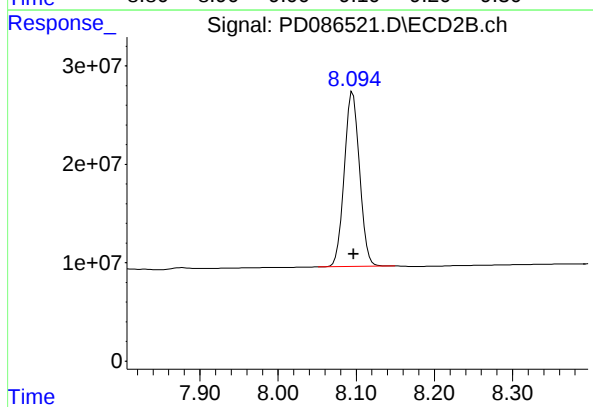
#28 Decachlorobiphenyl

R.T.: 9.100 min
Delta R.T.: 0.006 min
Response: 39221186
Conc: 20.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-WATER-02-QT4-2024

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/12/2024
Supervised By :Ankita Jodhani 11/12/2024



#28 Decachlorobiphenyl

R.T.: 8.096 min
Delta R.T.: 0.000 min
Response: 241304398
Conc: 22.53 ng/ml