

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120524\
 Data File : PD087028.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Dec 2024 12:01
 Operator : AR\AJ
 Sample : P5072-05MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 MH-738MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/06/2024
 Supervised By :Ankita Jodhani 12/06/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 00:58:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112724.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 27 15:47:26 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...	3.559	2.885	29388824	187.8E6	14.696	16.407
28)	SA Decachlor...	9.095	8.090	42284136	197.5E6	13.293	14.173
Target Compounds							
2)	A alpha-BHC	4.009	3.399	203.9E6	906.4E6	50.669	51.439
3)	MA gamma-BHC...	4.340	3.736	197.5E6	844.5E6	49.526	50.282
4)	MA Heptachlor	4.941	4.091	203.3E6	839.8E6	51.780	51.665
5)	MB Aldrin	5.284	4.378	200.8E6	825.7E6	49.262	49.390
6)	B beta-BHC	4.524	4.031	77464930	369.3E6	49.115	51.563
7)	B delta-BHC	4.773	4.269	198.1E6	833.3E6	48.594	49.009
8)	B Heptachlo...	5.704	4.883	177.3E6	760.4E6	49.053	50.077
9)	A Endosulfan I	6.087	5.258	166.9E6	708.6E6	49.728	49.914
10)	B gamma-Chl...	5.958	5.137	172.7E6	794.2E6	48.870	51.053
11)	B alpha-Chl...	6.040	5.201	178.8E6	769.4E6	50.054	50.349
12)	B 4,4'-DDE	6.209	5.387	162.5E6	763.9E6	49.929	50.676
13)	MA Dieldrin	6.360	5.524	179.8E6	777.4E6	49.770	49.926
14)	MA Endrin	6.587	5.799	148.5E6	714.5E6	49.088	51.080m
15)	B Endosulfa...	6.800	6.093	111.2E6	678.2E6	37.196	49.271 #
16)	A 4,4'-DDD	6.716	5.941	129.4E6	614.2E6	49.762m	48.862m
17)	MA 4,4'-DDT	7.034	6.197	133.5E6	657.0E6	47.274	49.277
18)	B Endrin al...	6.928	6.271	111.8E6	513.9E6	45.730	46.326
19)	B Endosulfa...	7.162	6.495	135.9E6	640.4E6	46.690	47.335
20)	A Methoxychlor	7.507	6.768	72768778	335.9E6	45.501	46.824
21)	B Endrin ke...	7.644	7.004	151.0E6	695.7E6	46.533	46.157
22)	Mirex	8.129	7.201	104.6E6	527.2E6	41.939	42.757

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120524\
Data File : PD087028.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Dec 2024 12:01
Operator : AR\AJ
Sample : P5072-05MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

MH-738MS

Manual Integrations

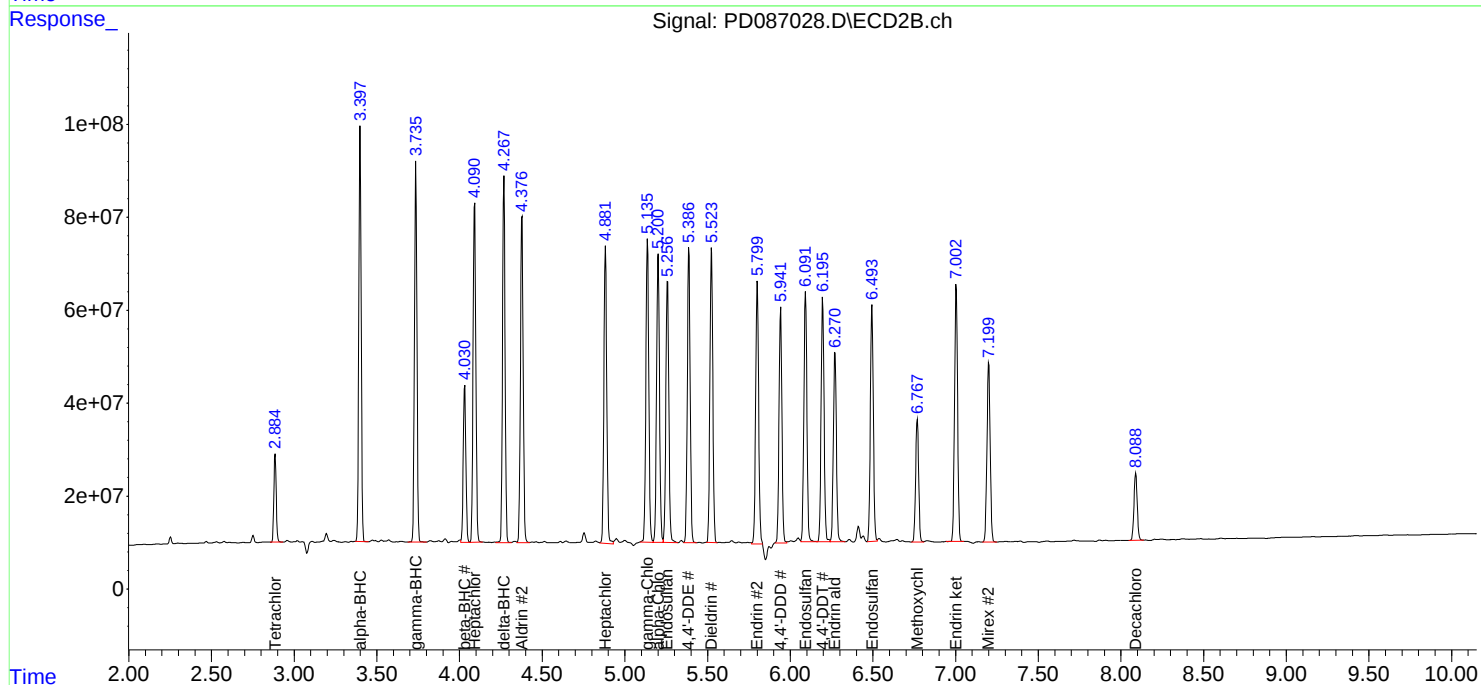
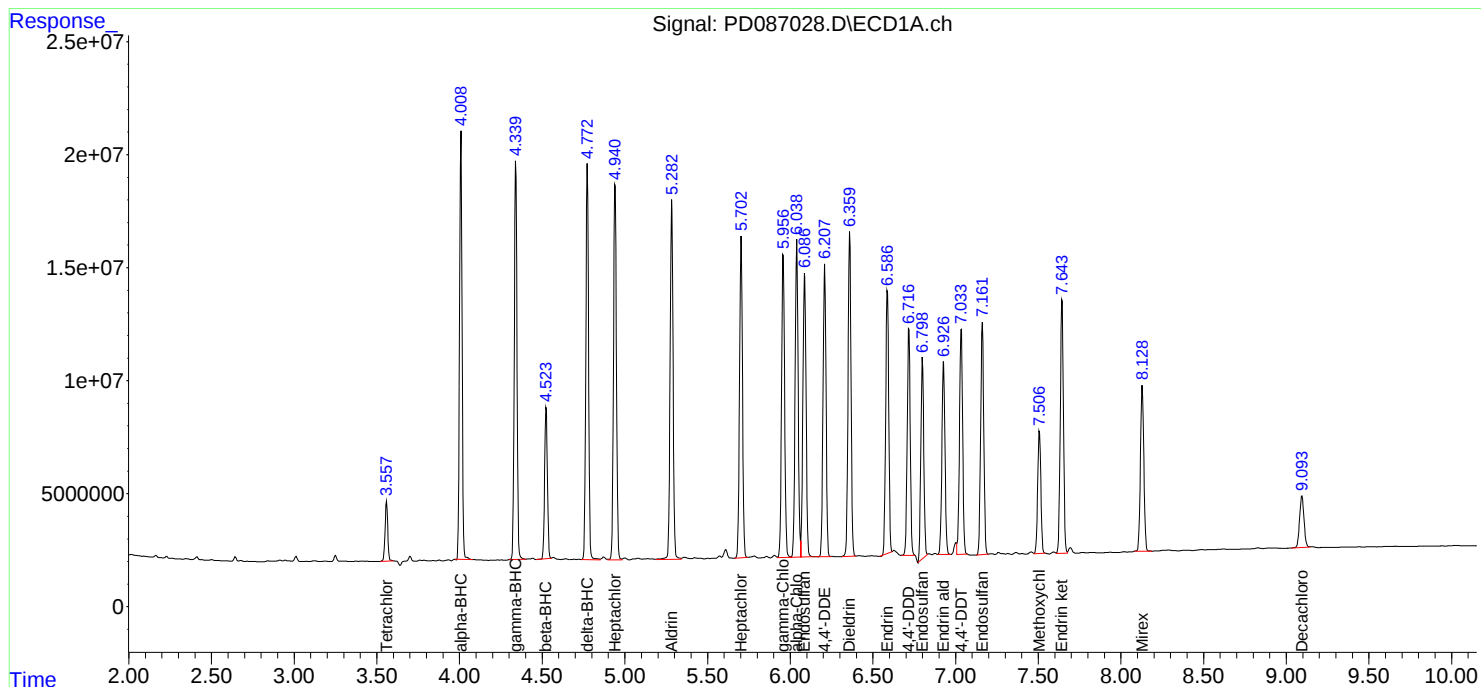
APPROVED

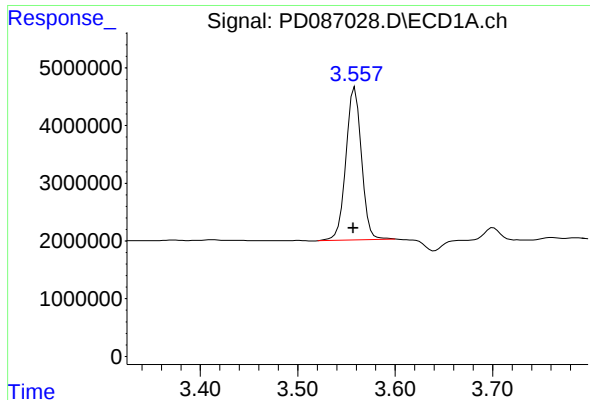
Reviewed By :Abdul Mirza 12/06/2024

Supervised By :Ankita Jodhani 12/06/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 00:58:22 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD112724.M
Quant Title : GC Extractables
QLast Update : Wed Nov 27 15:47:26 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





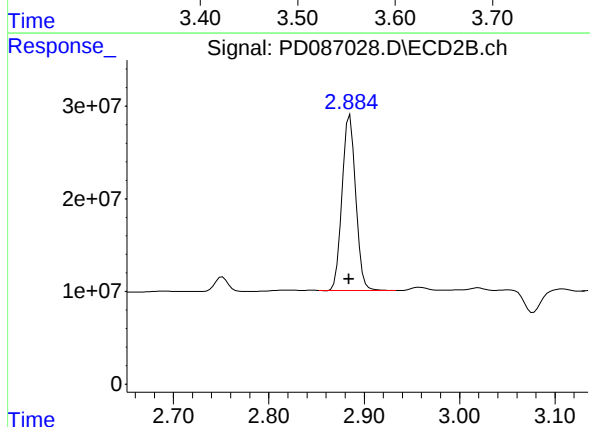
#1 Tetrachloro-m-xylene

R.T.: 3.559 min
Delta R.T.: 0.002 min
Response: 29388824
Conc: 14.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MS

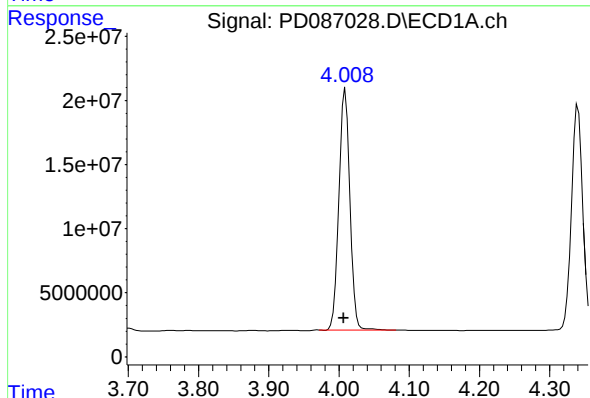
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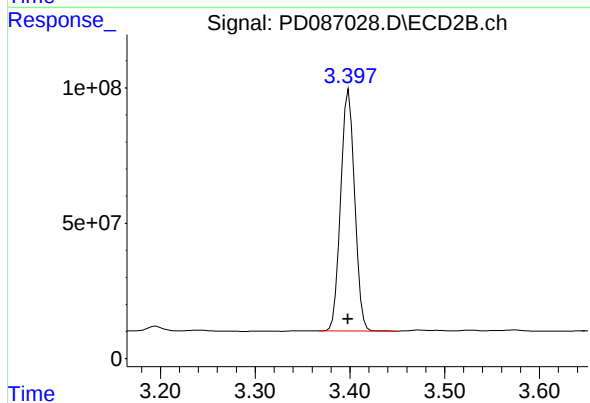
#1 Tetrachloro-m-xylene

R.T.: 2.885 min
Delta R.T.: 0.001 min
Response: 187798622
Conc: 16.41 ng/ml



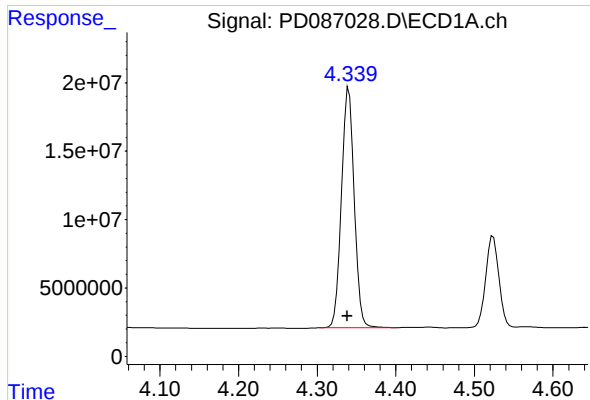
#2 alpha-BHC

R.T.: 4.009 min
Delta R.T.: 0.002 min
Response: 203894336
Conc: 50.67 ng/ml



#2 alpha-BHC

R.T.: 3.399 min
Delta R.T.: 0.000 min
Response: 906403790
Conc: 51.44 ng/ml



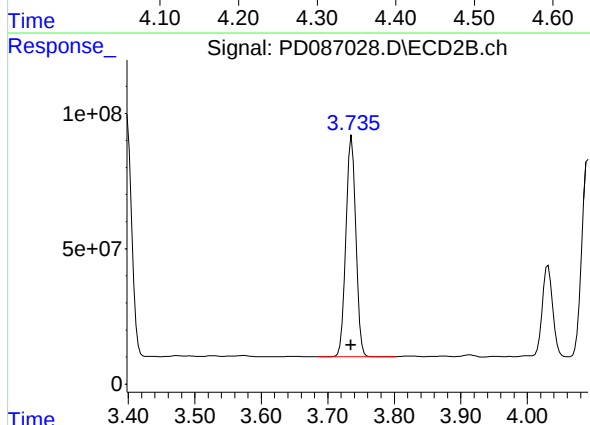
#3 gamma-BHC (Lindane)

R.T.: 4.340 min
Delta R.T.: 0.002 min
Response: 197533805
Conc: 49.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MS

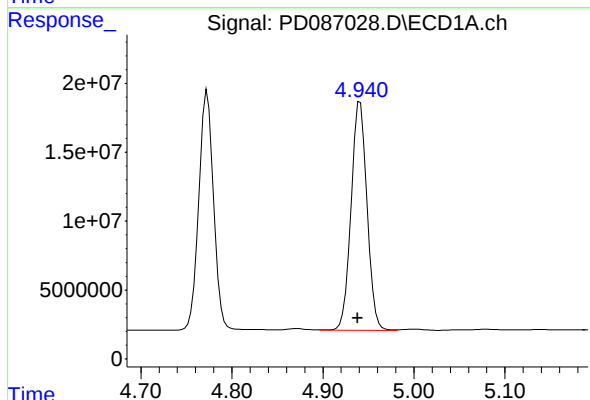
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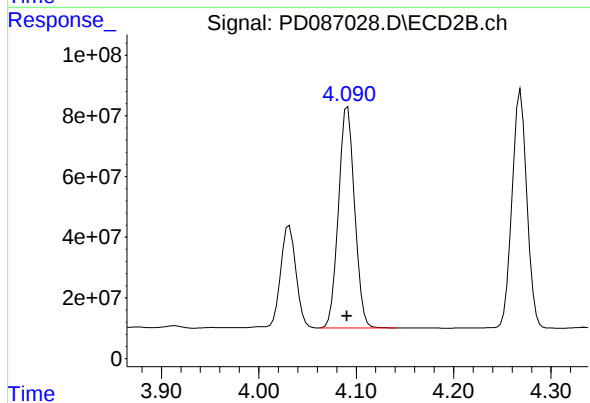
#3 gamma-BHC (Lindane)

R.T.: 3.736 min
Delta R.T.: 0.000 min
Response: 844484084
Conc: 50.28 ng/ml



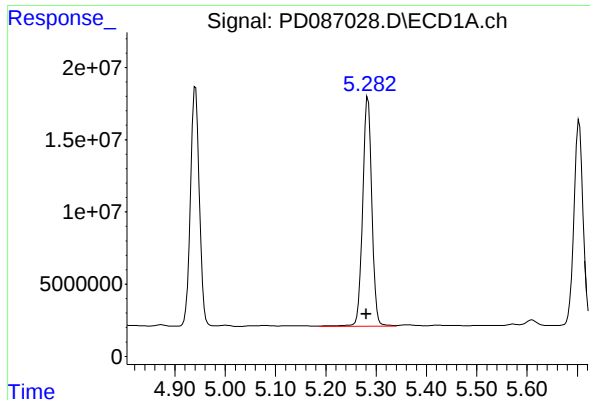
#4 Heptachlor

R.T.: 4.941 min
Delta R.T.: 0.003 min
Response: 203301084
Conc: 51.78 ng/ml



#4 Heptachlor

R.T.: 4.091 min
Delta R.T.: 0.000 min
Response: 839846117
Conc: 51.66 ng/ml



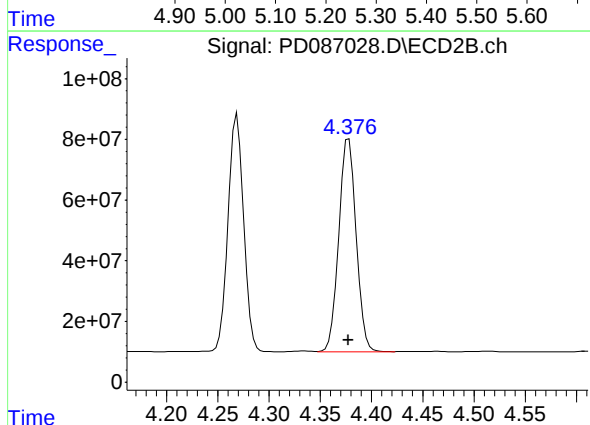
#5 Aldrin

R.T.: 5.284 min
Delta R.T.: 0.003 min
Response: 200784160
Conc: 49.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MS

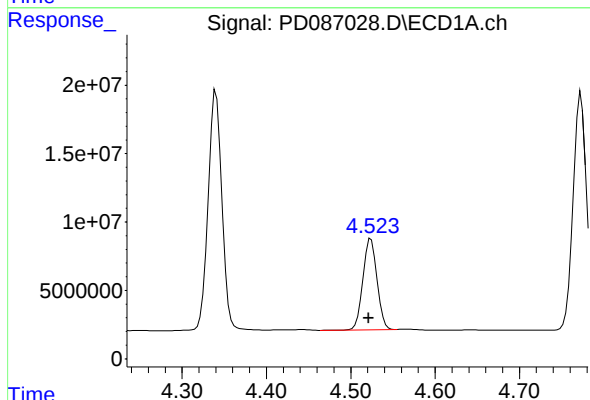
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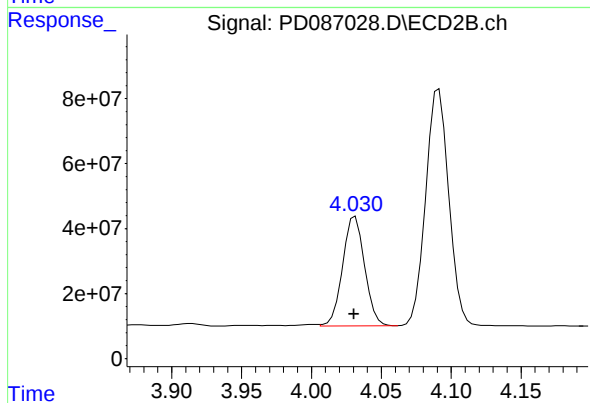
#5 Aldrin

R.T.: 4.378 min
Delta R.T.: 0.000 min
Response: 825676797
Conc: 49.39 ng/ml



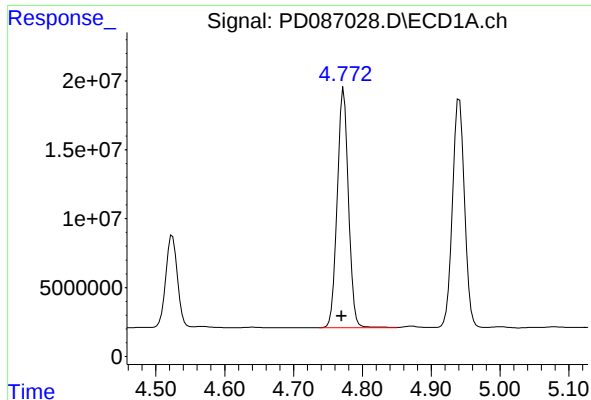
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.003 min
Response: 77464930
Conc: 49.12 ng/ml



#6 beta-BHC

R.T.: 4.031 min
Delta R.T.: 0.001 min
Response: 369289096
Conc: 51.56 ng/ml



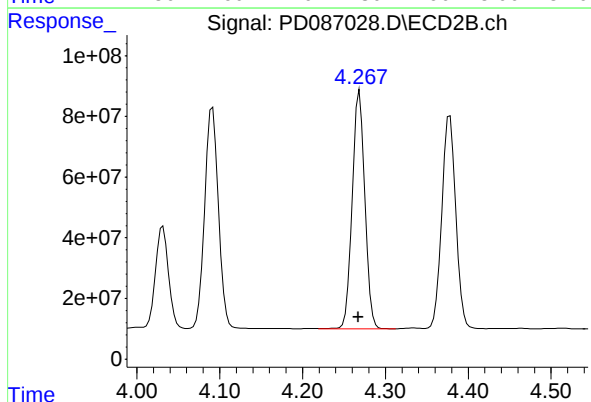
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: 0.003 min
Response: 198075907
Conc: 48.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MS

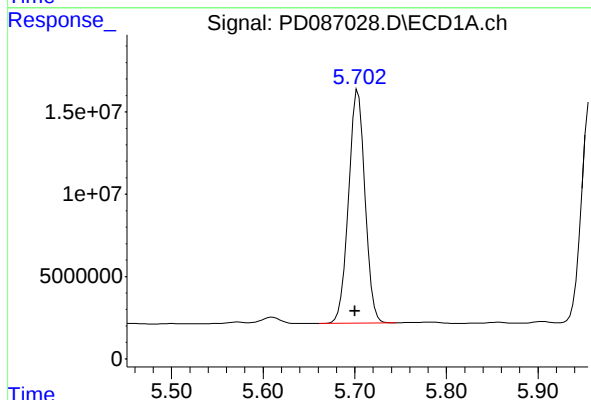
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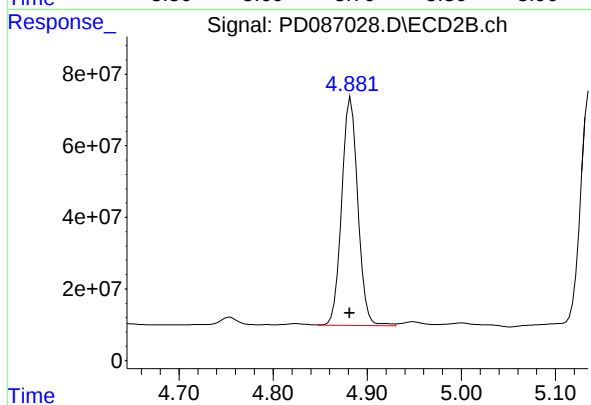
#7 delta-BHC

R.T.: 4.269 min
Delta R.T.: 0.001 min
Response: 833266643
Conc: 49.01 ng/ml



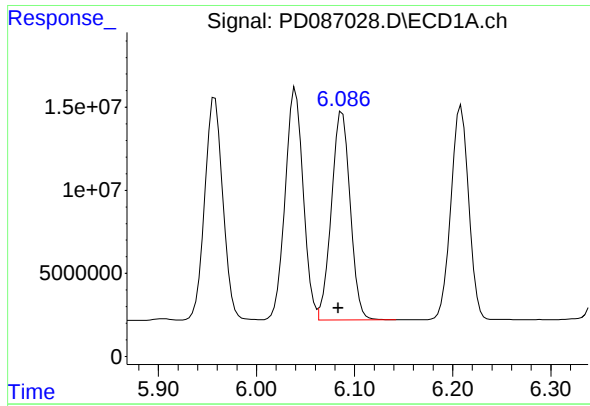
#8 Heptachlor epoxide

R.T.: 5.704 min
Delta R.T.: 0.003 min
Response: 177254808
Conc: 49.05 ng/ml



#8 Heptachlor epoxide

R.T.: 4.883 min
Delta R.T.: 0.002 min
Response: 760358470
Conc: 50.08 ng/ml



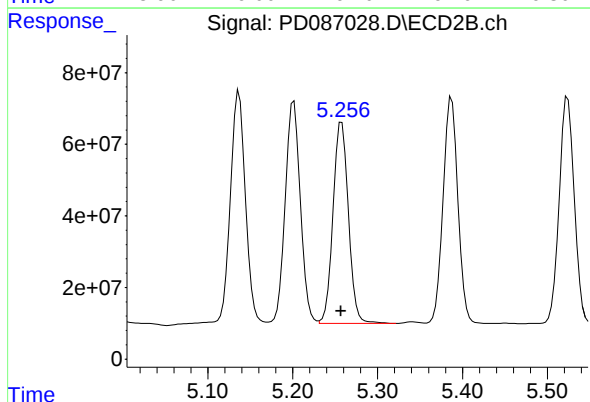
#9 Endosulfan I

R.T.: 6.087 min
Delta R.T.: 0.004 min
Response: 166876472
Conc: 49.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MS

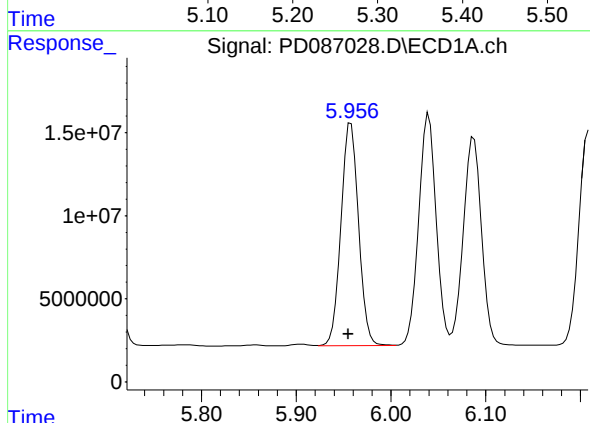
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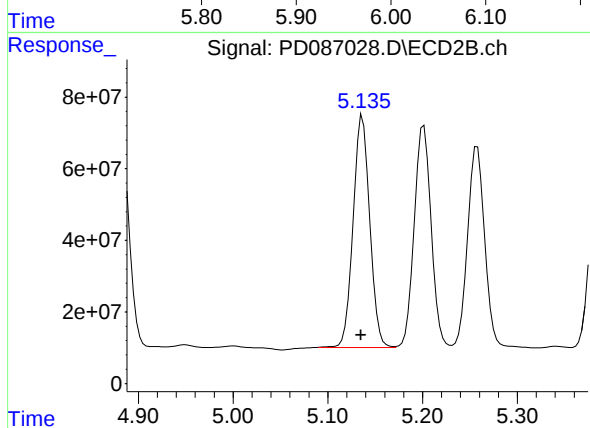
#9 Endosulfan I

R.T.: 5.258 min
Delta R.T.: 0.001 min
Response: 708601473
Conc: 49.91 ng/ml



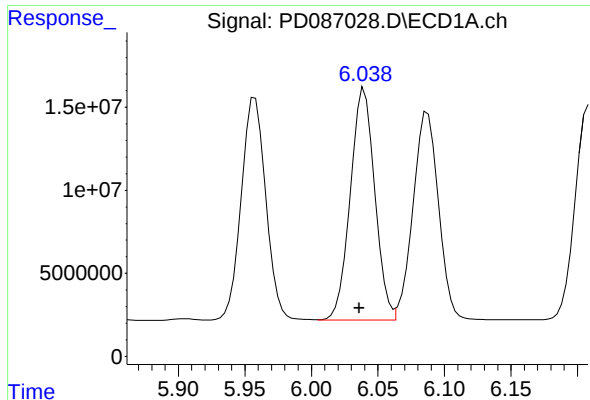
#10 gamma-Chlordane

R.T.: 5.958 min
Delta R.T.: 0.003 min
Response: 172657086
Conc: 48.87 ng/ml



#10 gamma-Chlordane

R.T.: 5.137 min
Delta R.T.: 0.002 min
Response: 794153655
Conc: 51.05 ng/ml



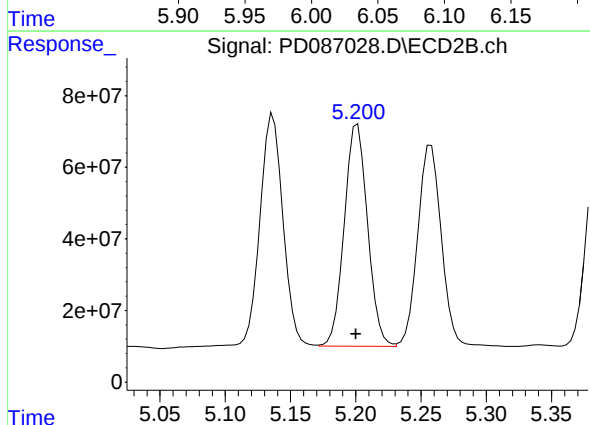
#11 alpha-Chlordane

R.T.: 6.040 min
Delta R.T.: 0.004 min
Response: 178833298
Conc: 50.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MS

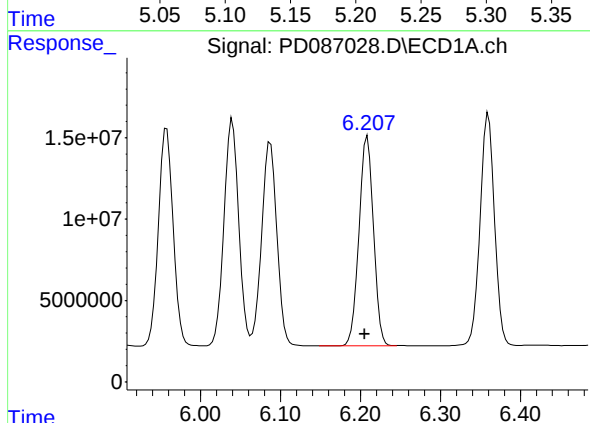
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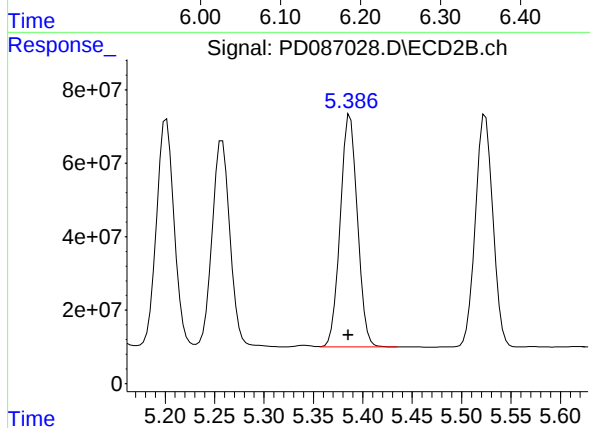
#11 alpha-Chlordane

R.T.: 5.201 min
Delta R.T.: 0.001 min
Response: 769440029
Conc: 50.35 ng/ml



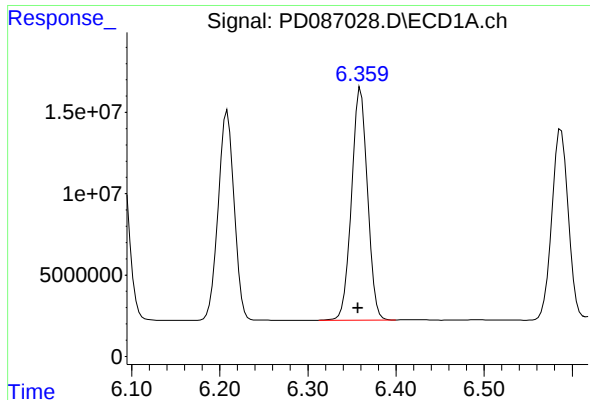
#12 4,4'-DDE

R.T.: 6.209 min
Delta R.T.: 0.004 min
Response: 162452163
Conc: 49.93 ng/ml



#12 4,4'-DDE

R.T.: 5.387 min
Delta R.T.: 0.002 min
Response: 763918715
Conc: 50.68 ng/ml



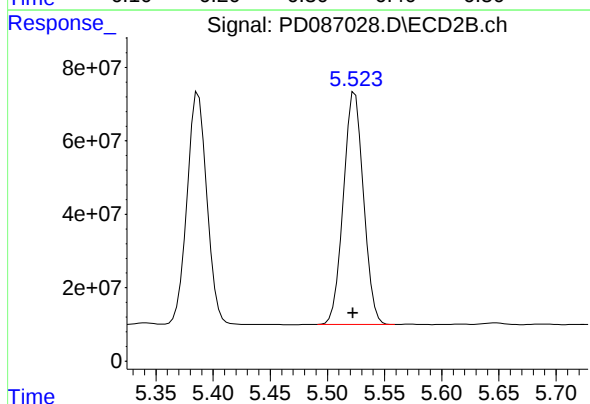
#13 Dieldrin

R.T.: 6.360 min
Delta R.T.: 0.003 min
Response: 179801373
Conc: 49.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MS

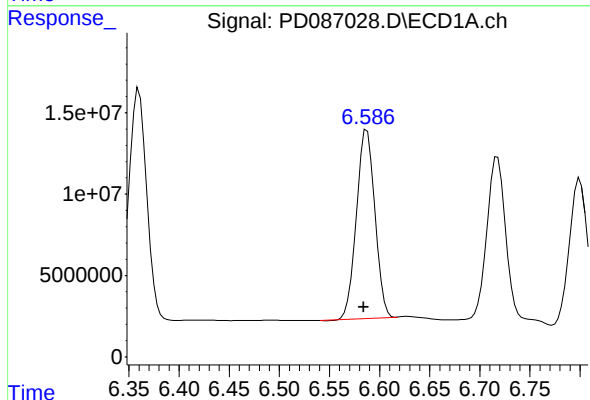
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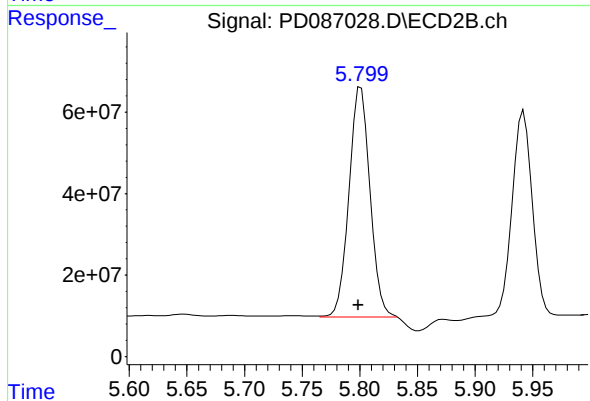
#13 Dieldrin

R.T.: 5.524 min
Delta R.T.: 0.002 min
Response: 777442448
Conc: 49.93 ng/ml



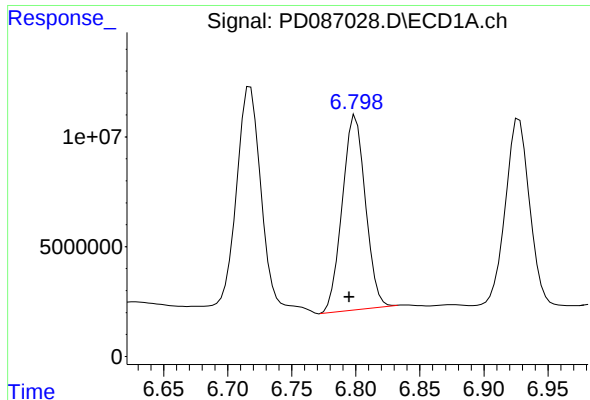
#14 Endrin

R.T.: 6.587 min
Delta R.T.: 0.003 min
Response: 148538463
Conc: 49.09 ng/ml



#14 Endrin

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 714540804
Conc: 51.08 ng/ml m



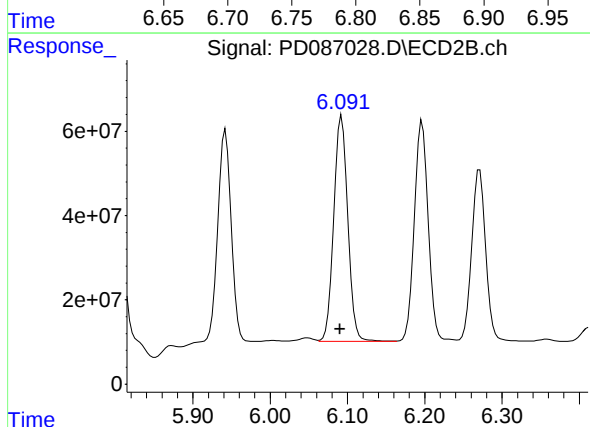
#15 Endosulfan II

R.T.: 6.800 min
Delta R.T.: 0.005 min
Response: 111180527
Conc: 37.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MS

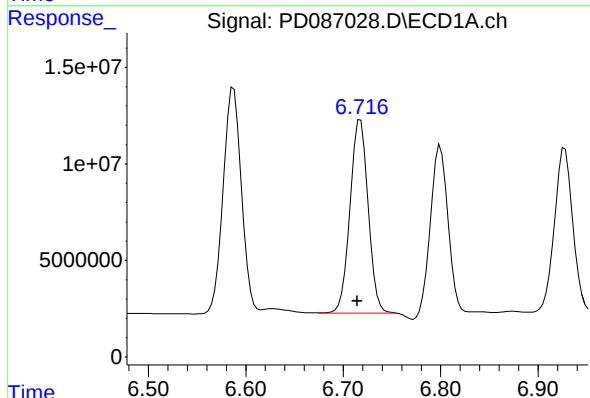
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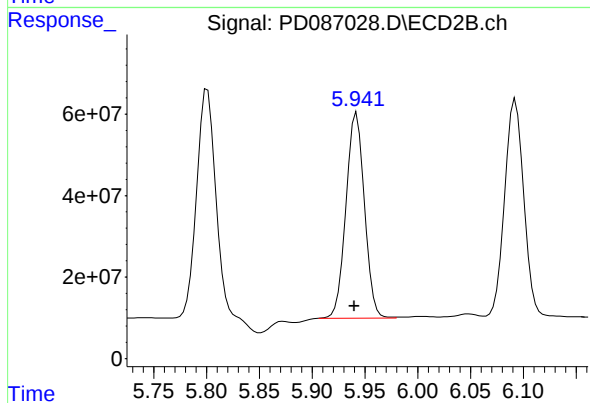
#15 Endosulfan II

R.T.: 6.093 min
Delta R.T.: 0.002 min
Response: 678174891
Conc: 49.27 ng/ml



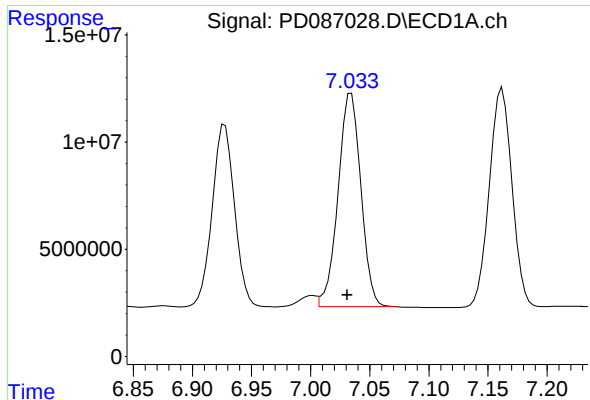
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: 0.002 min
Response: 129362623
Conc: 49.76 ng/ml m



#16 4,4'-DDD

R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 614176076
Conc: 48.86 ng/ml m



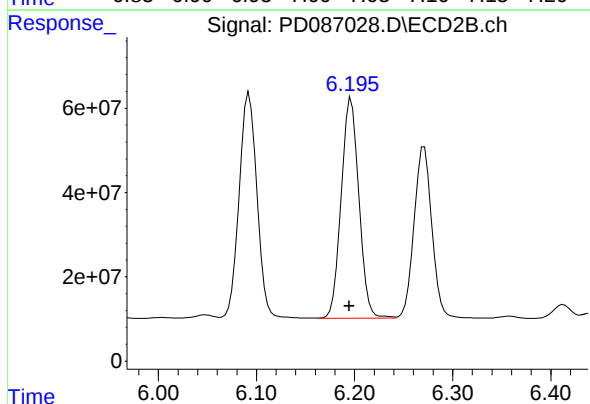
#17 4,4'-DDT

R.T.: 7.034 min
Delta R.T.: 0.003 min
Response: 133545159
Conc: 47.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MS

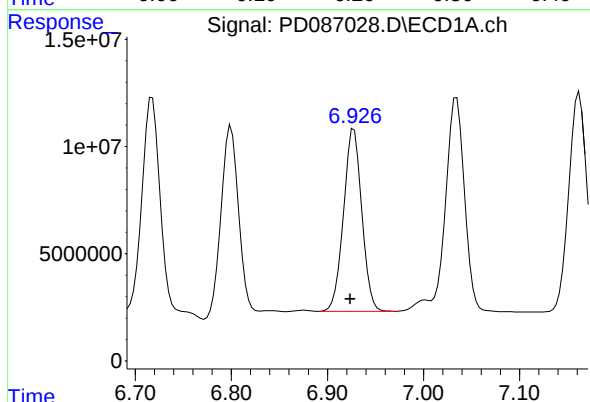
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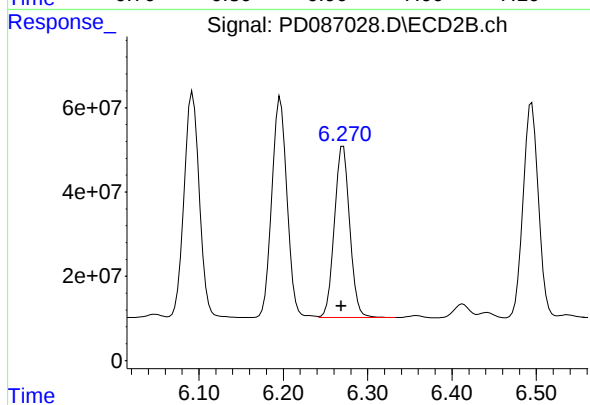
#17 4,4'-DDT

R.T.: 6.197 min
Delta R.T.: 0.002 min
Response: 657046984
Conc: 49.28 ng/ml



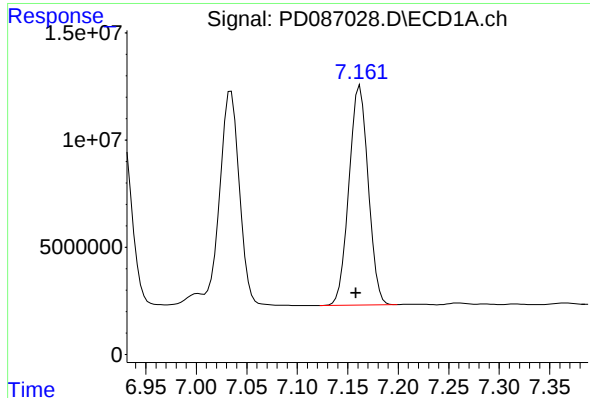
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.004 min
Response: 111794872
Conc: 45.73 ng/ml



#18 Endrin aldehyde

R.T.: 6.271 min
Delta R.T.: 0.002 min
Response: 513936128
Conc: 46.33 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.162 min
Delta R.T.: 0.004 min
Response: 135871642
Conc: 46.69 ng/ml

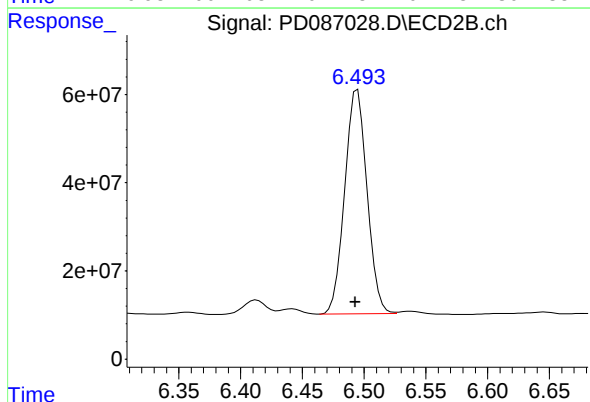
Instrument :

ECD_D

ClientSampleId :
MH-738MS

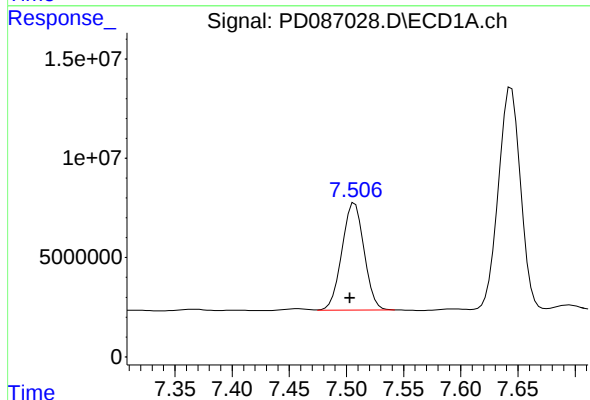
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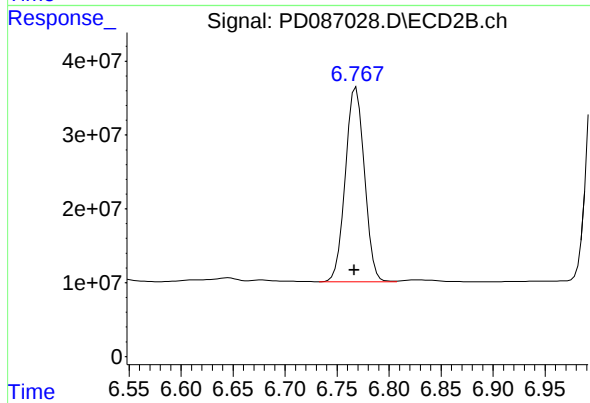
#19 Endosulfan Sulfate

R.T.: 6.495 min
Delta R.T.: 0.002 min
Response: 640437579
Conc: 47.34 ng/ml



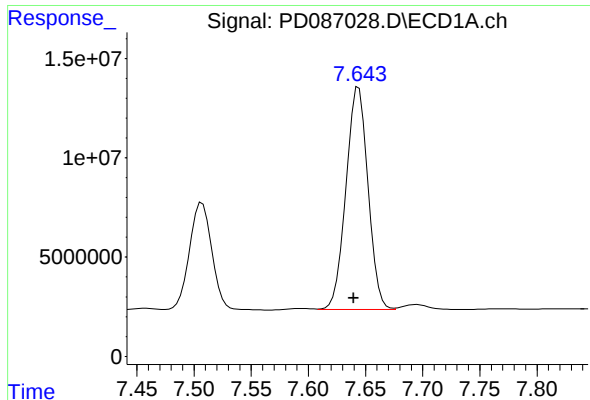
#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: 0.004 min
Response: 72768778
Conc: 45.50 ng/ml



#20 Methoxychlor

R.T.: 6.768 min
Delta R.T.: 0.002 min
Response: 335882394
Conc: 46.82 ng/ml



#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.004 min
Response: 151011777
Conc: 46.53 ng/ml

Instrument :

ECD_D

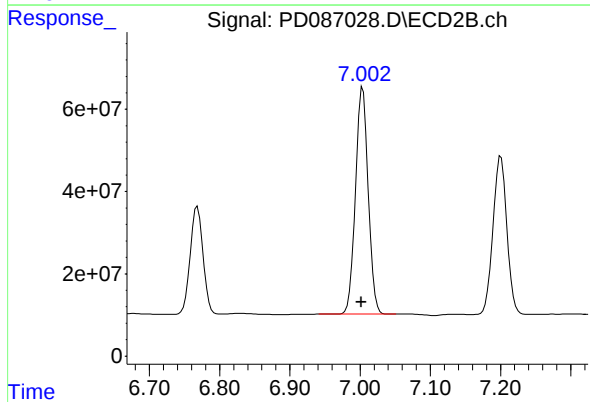
ClientSampleId :

MH-738MS

Manual Integrations

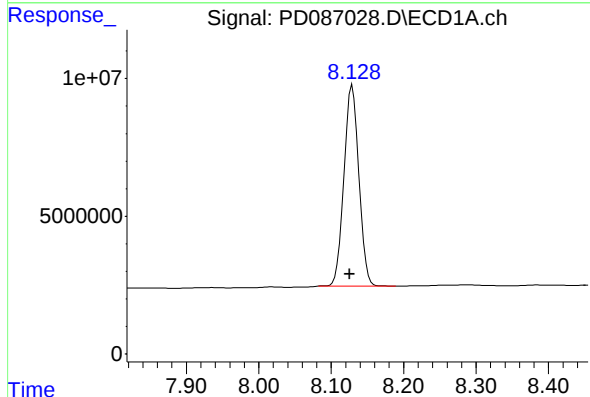
APPROVED

Reviewed By :Abdul Mirza 12/06/2024
Supervised By :Ankita Jodhani 12/06/2024



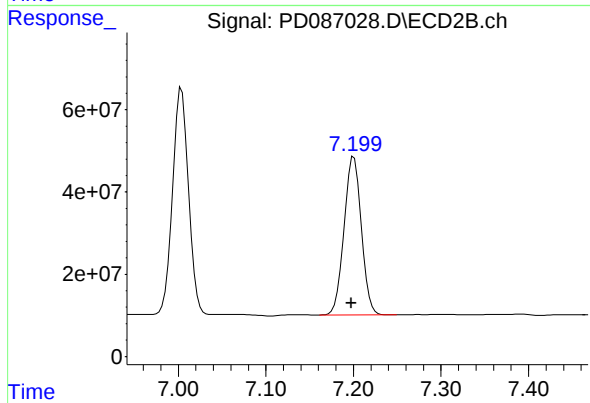
#21 Endrin ketone

R.T.: 7.004 min
Delta R.T.: 0.002 min
Response: 695659812
Conc: 46.16 ng/ml



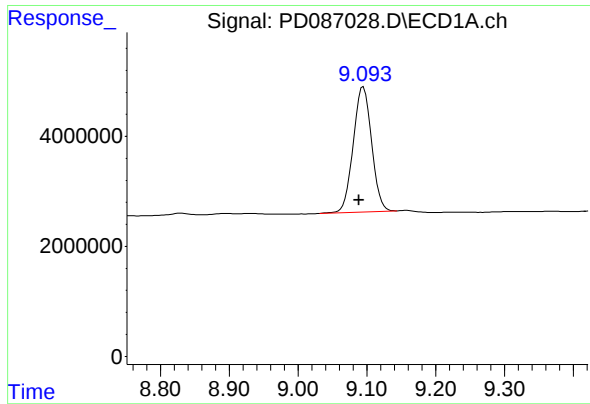
#22 Mirex

R.T.: 8.129 min
Delta R.T.: 0.004 min
Response: 104637515
Conc: 41.94 ng/ml



#22 Mirex

R.T.: 7.201 min
Delta R.T.: 0.003 min
Response: 527216563
Conc: 42.76 ng/ml



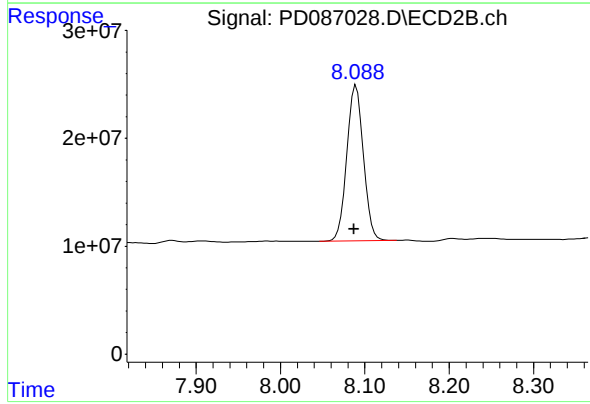
#28 Decachlorobiphenyl

R.T.: 9.095 min
Delta R.T.: 0.006 min
Response: 42284136
Conc: 13.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
MH-738MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.090 min
Delta R.T.: 0.002 min
Response: 197468396
Conc: 14.17 ng/ml