

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120624\
 Data File : PD087071.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Dec 2024 18:11
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/09/2024
 Supervised By :Ankita Jodhani 12/10/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 22:26:00 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...	3.557	2.883	103.2E6	581.8E6	51.601	50.826
28) SA Decachlor...	9.088	8.086	148.7E6	646.3E6	46.762	46.386
Target Compounds						
2) A alpha-BHC	4.007	3.397	215.8E6	911.2E6	53.627	51.710
3) MA gamma-BHC...	4.338	3.734	211.6E6	859.3E6	53.042	51.164
4) MA Heptachlor	4.939	4.089	201.7E6	805.2E6	51.360	49.533
5) MB Aldrin	5.280	4.376	211.8E6	856.4E6	51.974	51.227
6) B beta-BHC	4.521	4.030	80174100	361.0E6	50.833	50.405
7) B delta-BHC	4.770	4.267	215.5E6	875.5E6	52.858	51.495
8) B Heptachlo...	5.700	4.880	185.1E6	754.0E6	51.221	49.659
9) A Endosulfan I	6.084	5.255	169.6E6	710.0E6	50.538	50.009
10) B gamma-Chl...	5.955	5.134	179.5E6	777.9E6	50.794	50.010
11) B alpha-Chl...	6.036	5.199	180.3E6	760.7E6	50.468	49.775
12) B 4,4'-DDE	6.205	5.383	164.2E6	749.0E6	50.451	49.687m
13) MA Dieldrin	6.356	5.522	182.4E6	774.3E6	50.497	49.728
14) MA Endrin	6.584	5.798	148.6E6	677.0E6	49.113	48.395
15) B Endosulfa...	6.795	6.090	151.2E6	669.3E6	50.599	48.629
16) A 4,4'-DDD	6.714	5.939	135.3E6	648.3E6	52.057	51.573
17) MA 4,4'-DDT	7.031	6.194	128.5E6	602.5E6	45.499	45.189
18) B Endrin al...	6.924	6.268	118.4E6	531.0E6	48.446	47.864
19) B Endosulfa...	7.158	6.492	142.9E6	653.9E6	49.107	48.331
20) A Methoxychlor	7.503	6.766	71018710	329.1E6	44.407	45.879
21) B Endrin ke...	7.639	7.001	159.8E6	727.2E6	49.241	48.249
22) Mirex	8.124	7.198	117.8E6	570.1E6	47.195	46.233

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120624\
Data File : PD087071.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Dec 2024 18:11
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

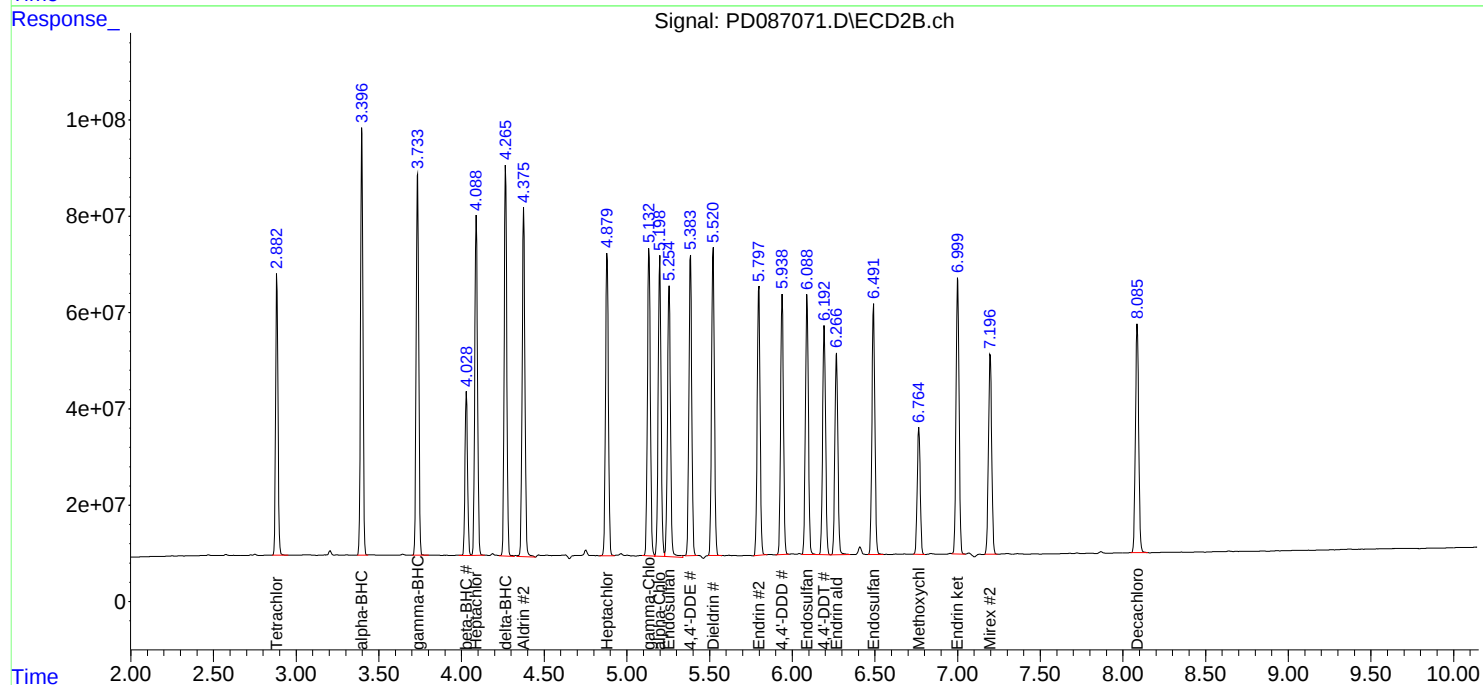
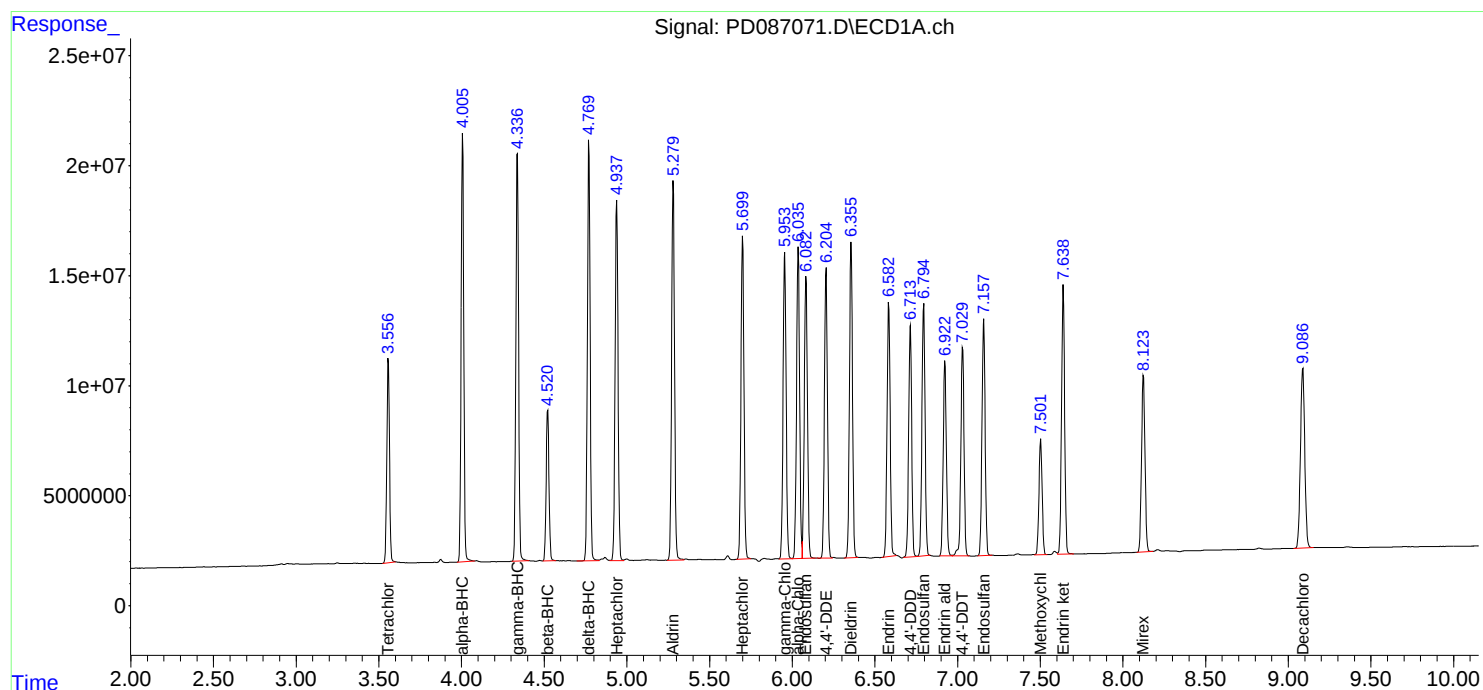
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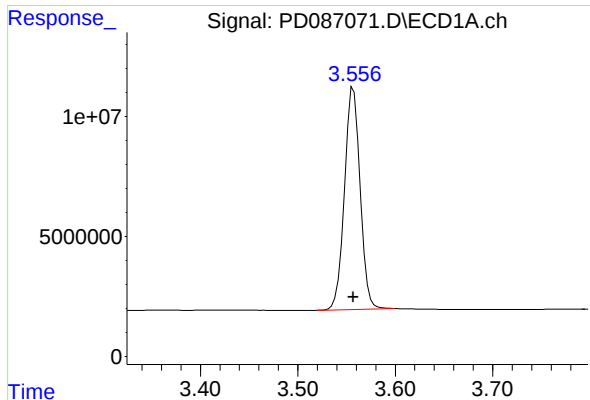
Reviewed By :Abdul Mirza 12/09/2024

Supervised By :Ankita Jodhani 12/10/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 22:26:00 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





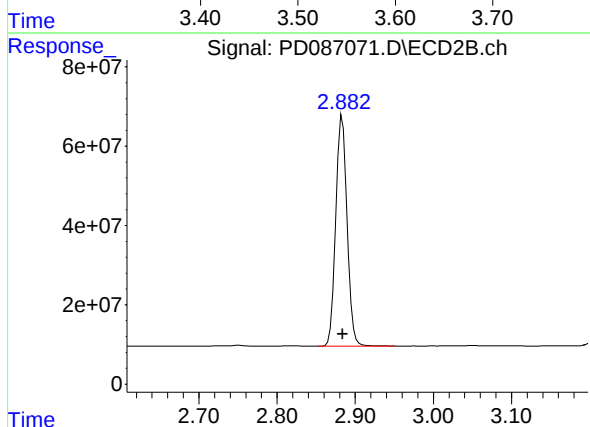
#1 Tetrachloro-m-xylene

R.T.: 3.557 min
Delta R.T.: 0.000 min
Response: 103188961
Conc: 51.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

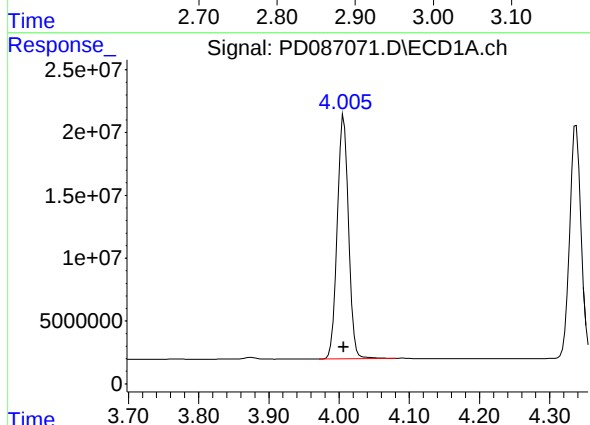
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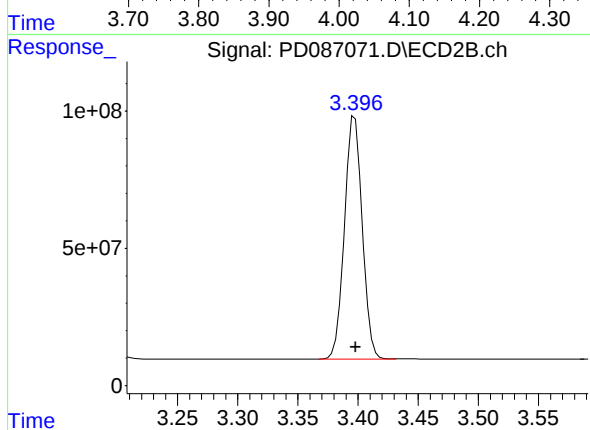
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 581778437
Conc: 50.83 ng/ml



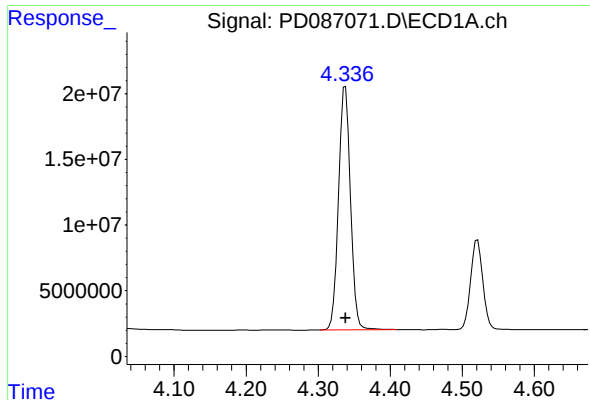
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 215794938
Conc: 53.63 ng/ml



#2 alpha-BHC

R.T.: 3.397 min
Delta R.T.: 0.000 min
Response: 911180876
Conc: 51.71 ng/ml



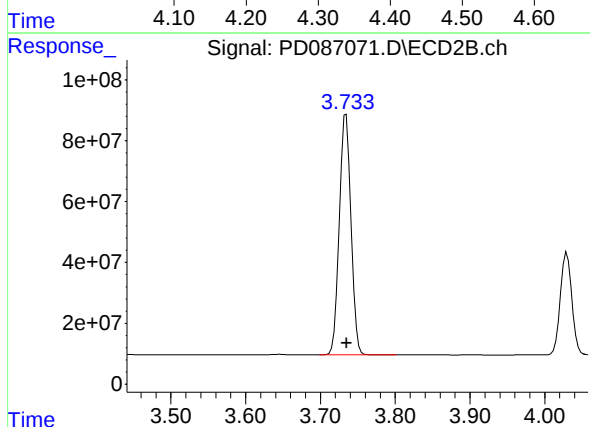
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 211554156
Conc: 53.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

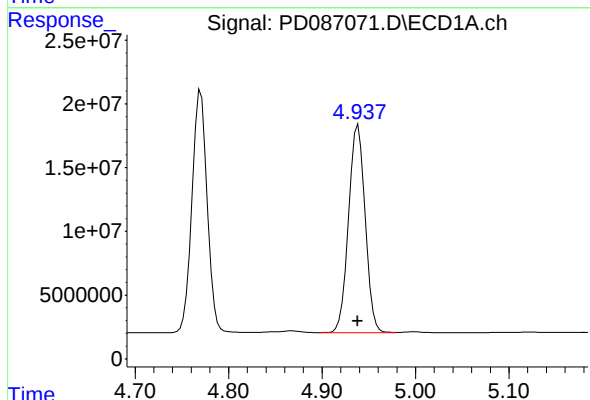
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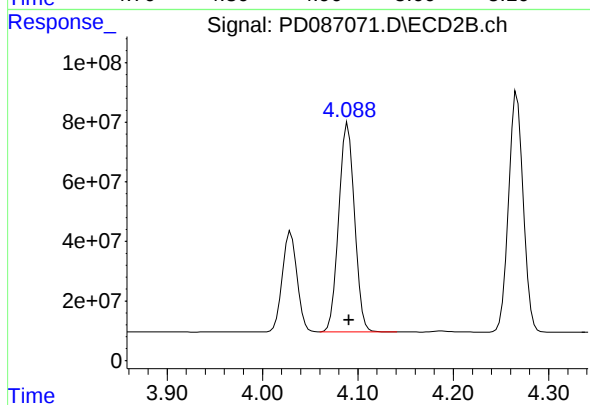
#3 gamma-BHC (Lindane)

R.T.: 3.734 min
Delta R.T.: 0.000 min
Response: 859284399
Conc: 51.16 ng/ml



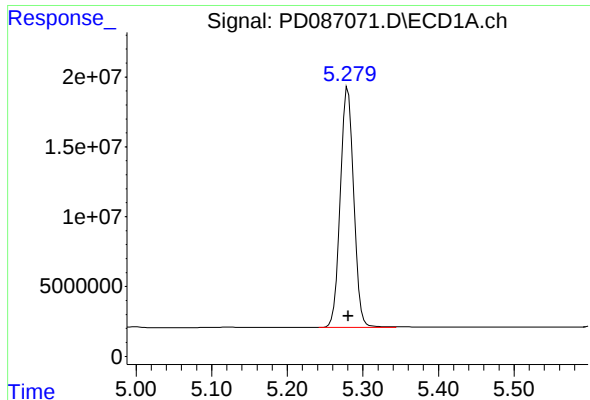
#4 Heptachlor

R.T.: 4.939 min
Delta R.T.: 0.000 min
Response: 201651620
Conc: 51.36 ng/ml



#4 Heptachlor

R.T.: 4.089 min
Delta R.T.: -0.001 min
Response: 805195014
Conc: 49.53 ng/ml



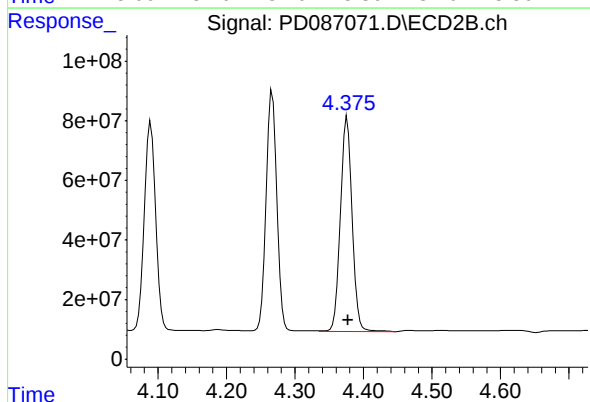
#5 Aldrin

R.T.: 5.280 min
Delta R.T.: 0.000 min
Response: 211838221
Conc: 51.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

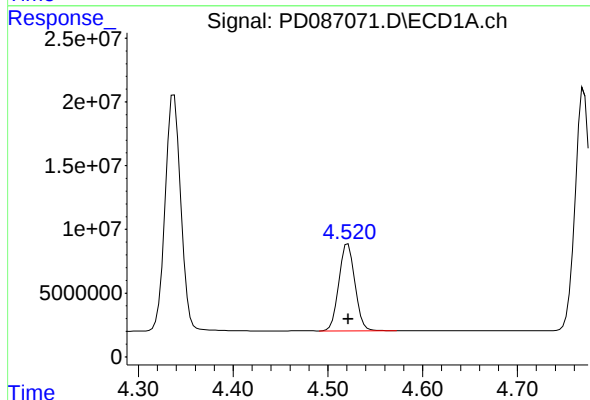
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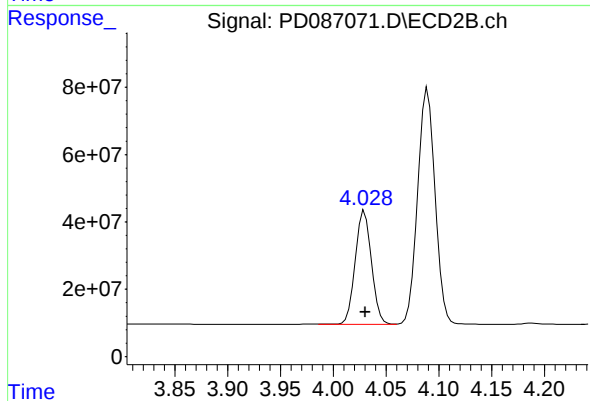
#5 Aldrin

R.T.: 4.376 min
Delta R.T.: -0.001 min
Response: 856381367
Conc: 51.23 ng/ml



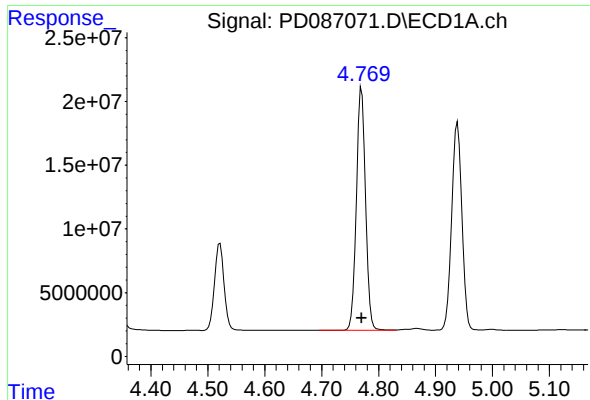
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: 0.000 min
Response: 80174100
Conc: 50.83 ng/ml



#6 beta-BHC

R.T.: 4.030 min
Delta R.T.: 0.000 min
Response: 360993028
Conc: 50.40 ng/ml



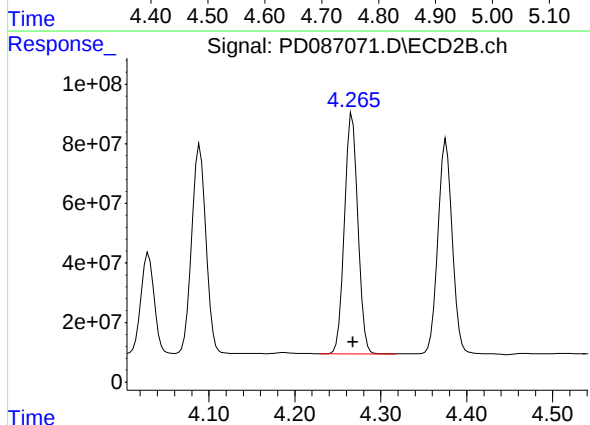
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 215455809
Conc: 52.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

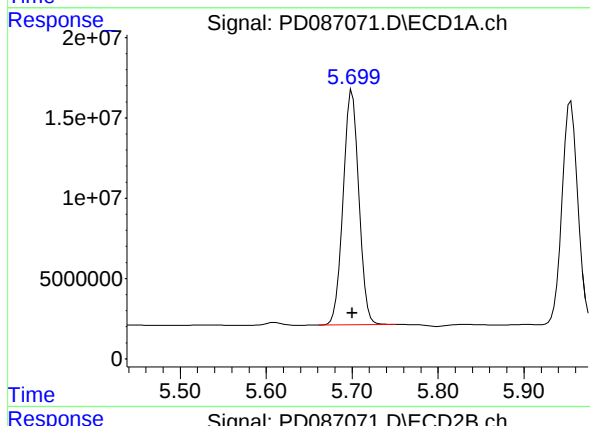
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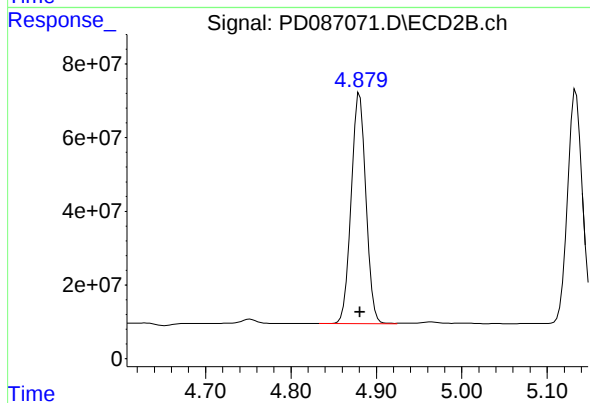
#7 delta-BHC

R.T.: 4.267 min
Delta R.T.: 0.000 min
Response: 875523629
Conc: 51.49 ng/ml



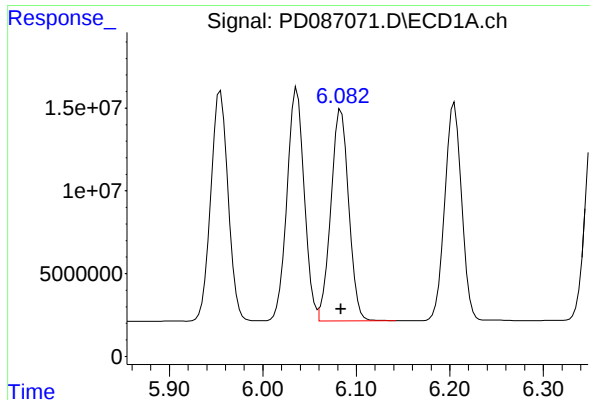
#8 Heptachlor epoxide

R.T.: 5.700 min
Delta R.T.: 0.000 min
Response: 185088831
Conc: 51.22 ng/ml



#8 Heptachlor epoxide

R.T.: 4.880 min
Delta R.T.: 0.000 min
Response: 754022378
Conc: 49.66 ng/ml



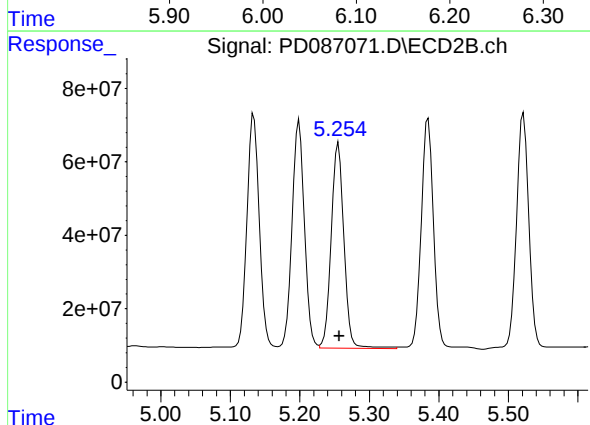
#9 Endosulfan I

R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 169595434
Conc: 50.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

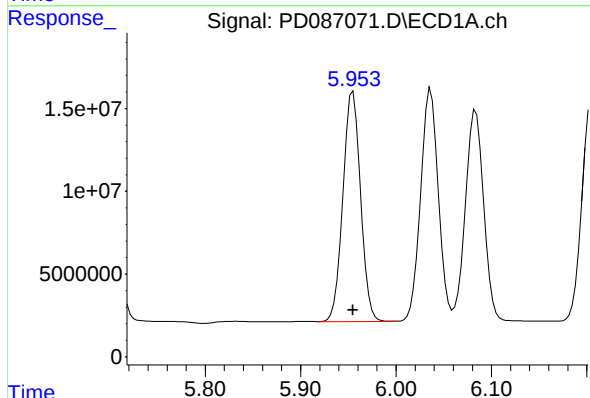
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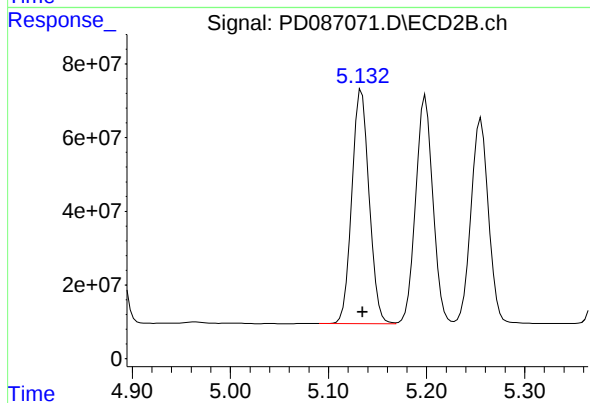
#9 Endosulfan I

R.T.: 5.255 min
Delta R.T.: -0.001 min
Response: 709953297
Conc: 50.01 ng/ml



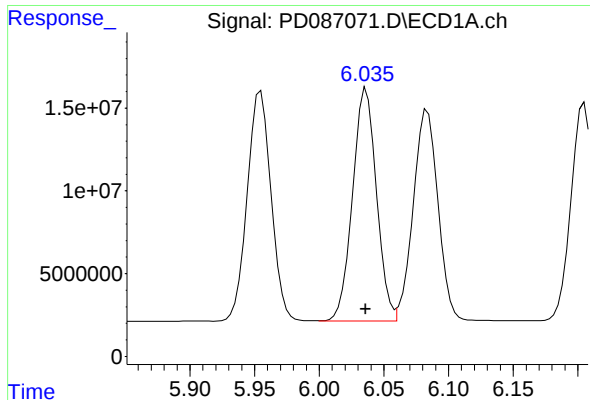
#10 gamma-Chlordane

R.T.: 5.955 min
Delta R.T.: 0.000 min
Response: 179452989
Conc: 50.79 ng/ml



#10 gamma-Chlordane

R.T.: 5.134 min
Delta R.T.: -0.001 min
Response: 777936368
Conc: 50.01 ng/ml



#11 alpha-Chlordane

R.T.: 6.036 min
Delta R.T.: 0.000 min
Response: 180315027
Conc: 50.47 ng/ml

Instrument :

ECD_D

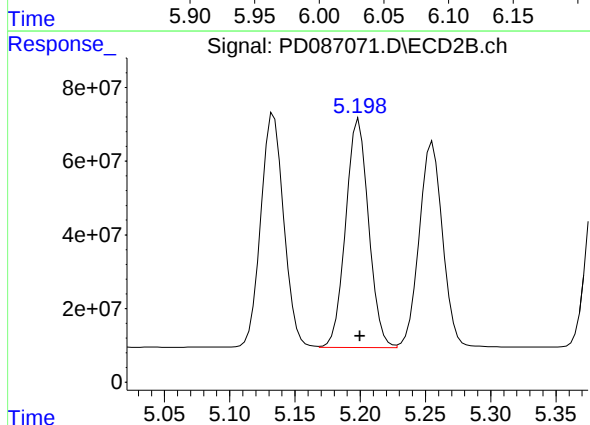
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PSTDCCC050

Manual Integrations

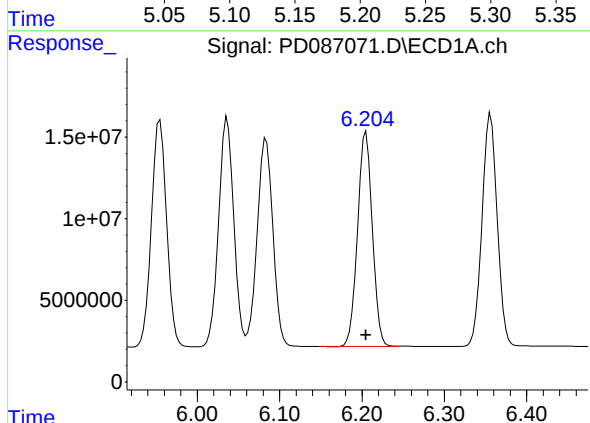
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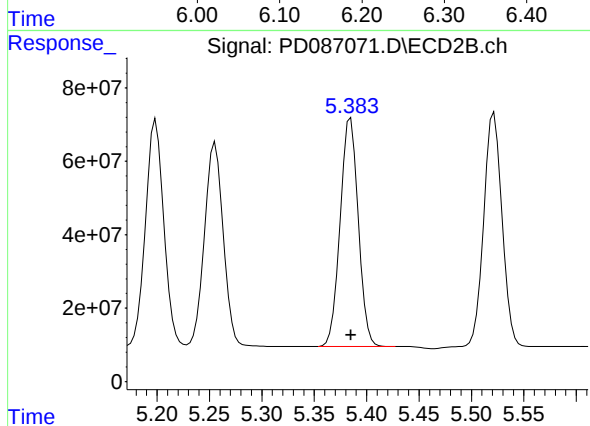
#11 alpha-Chlordane

R.T.: 5.199 min
Delta R.T.: -0.001 min
Response: 760671564
Conc: 49.78 ng/ml



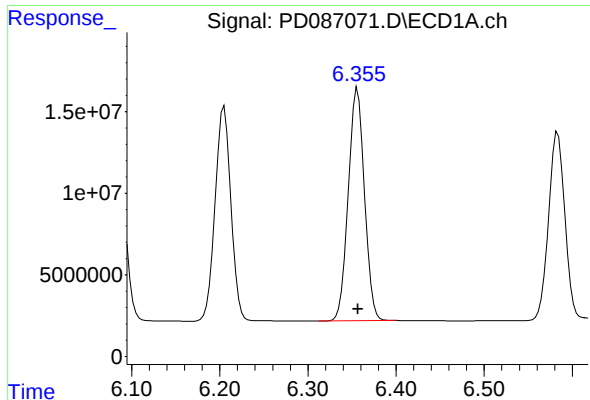
#12 4,4'-DDE

R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 164150984
Conc: 50.45 ng/ml



#12 4,4'-DDE

R.T.: 5.383 min
Delta R.T.: -0.002 min
Response: 749014832
Conc: 49.69 ng/ml m



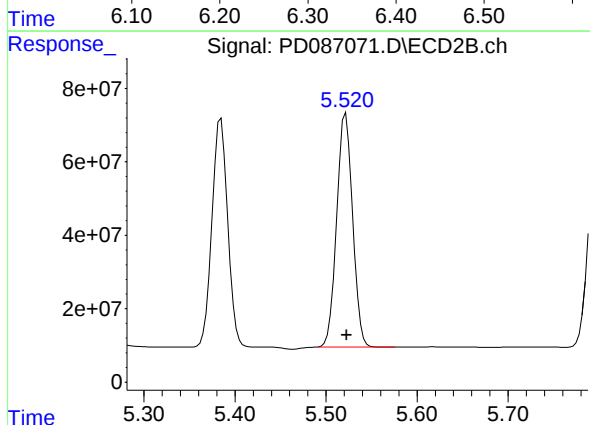
#13 Dieldrin

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 182427683
Conc: 50.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

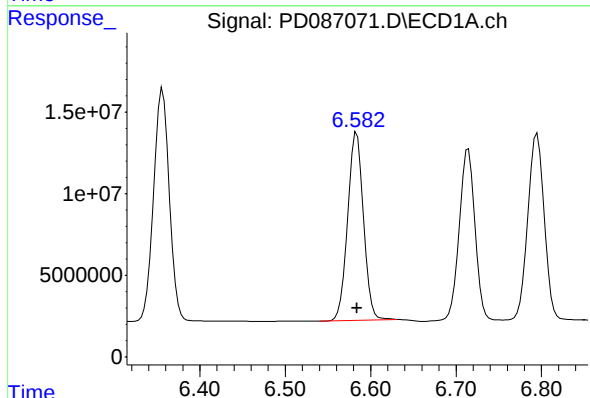
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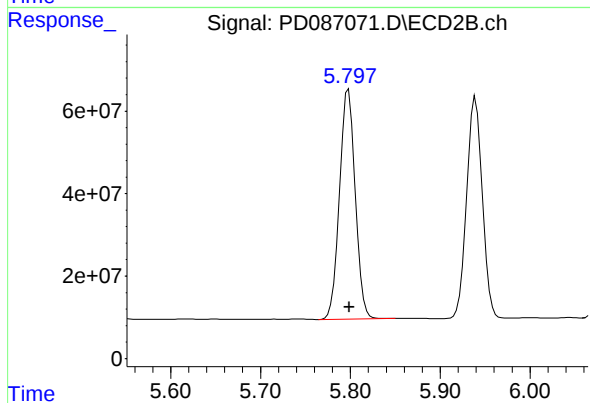
#13 Dieldrin

R.T.: 5.522 min
Delta R.T.: 0.000 min
Response: 774346475
Conc: 49.73 ng/ml



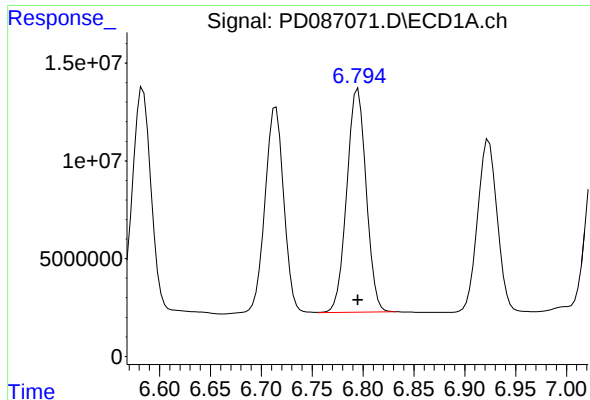
#14 Endrin

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 148613028
Conc: 49.11 ng/ml



#14 Endrin

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 676983862
Conc: 48.40 ng/ml



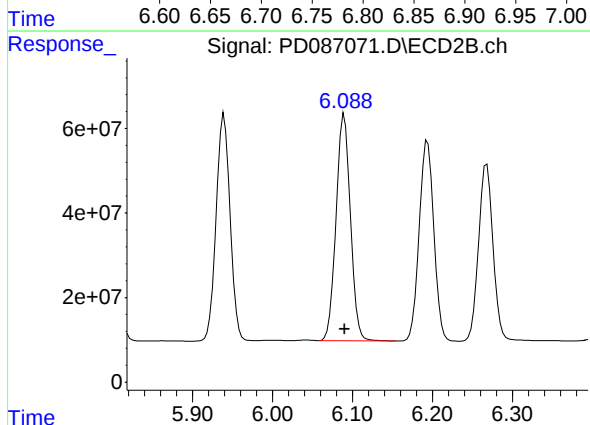
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: 0.000 min
Response: 151239905
Conc: 50.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

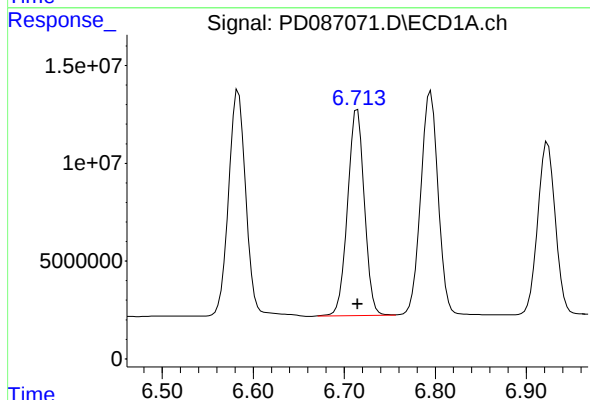
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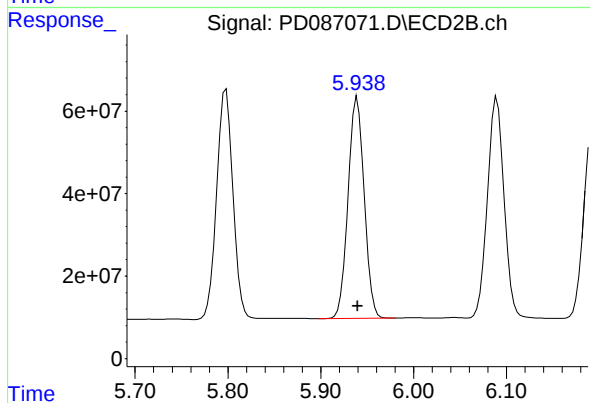
#15 Endosulfan II

R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 669329020
Conc: 48.63 ng/ml



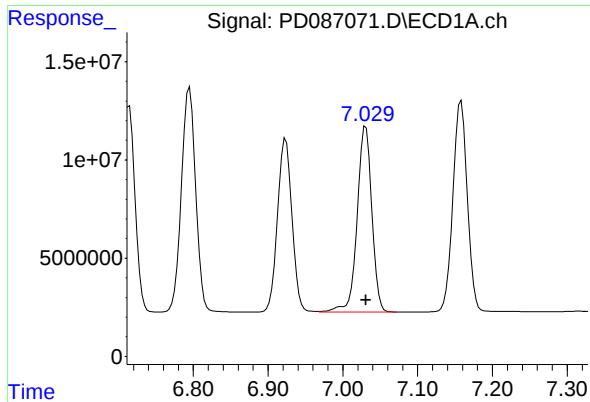
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 135328008
Conc: 52.06 ng/ml



#16 4,4'-DDD

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 648250097
Conc: 51.57 ng/ml



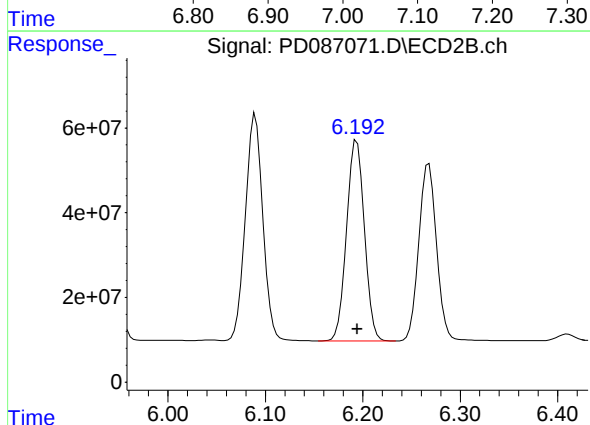
#17 4,4'-DDT

R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 128530048
Conc: 45.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

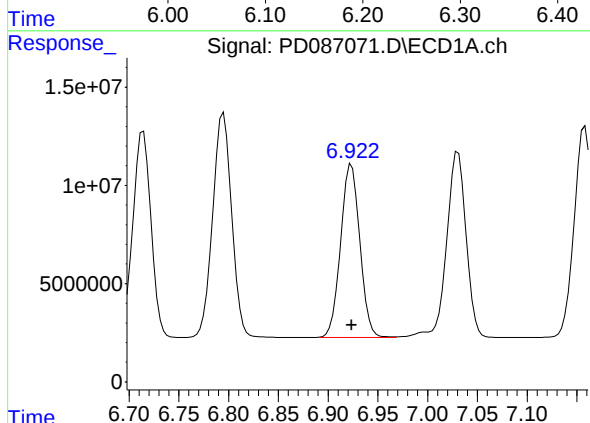
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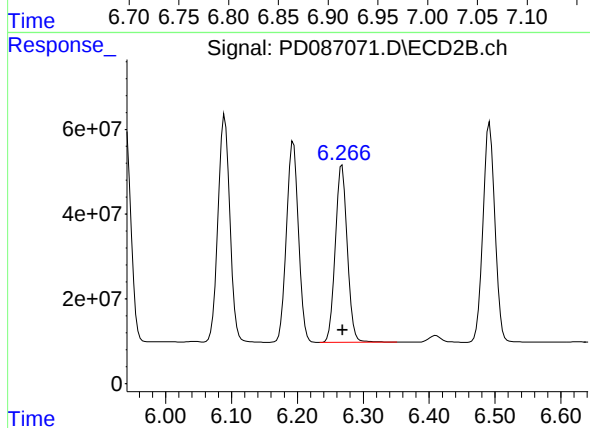
#17 4,4'-DDT

R.T.: 6.194 min
Delta R.T.: 0.000 min
Response: 602546379
Conc: 45.19 ng/ml



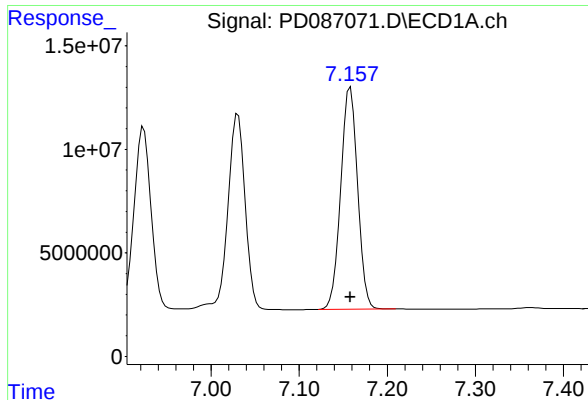
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 118435485
Conc: 48.45 ng/ml



#18 Endrin aldehyde

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 531001258
Conc: 47.86 ng/ml



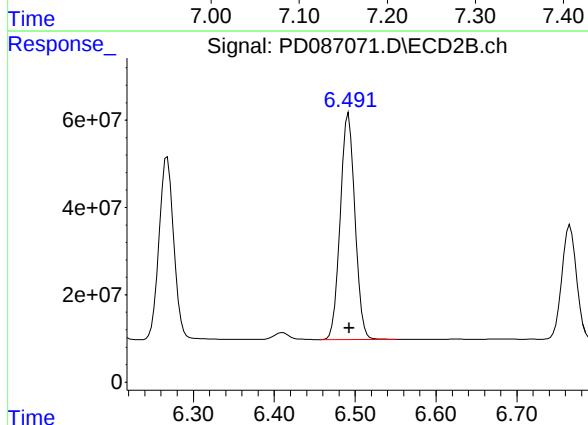
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 142905975
Conc: 49.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

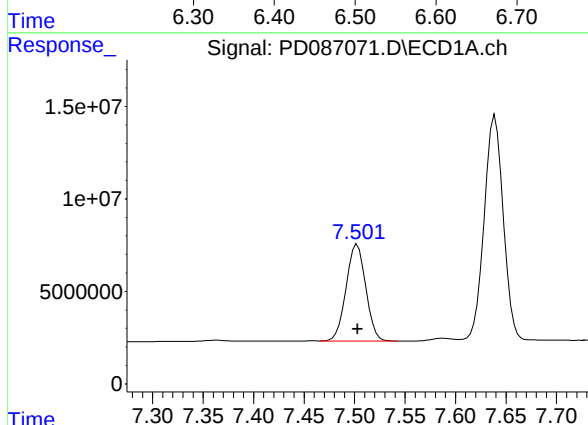
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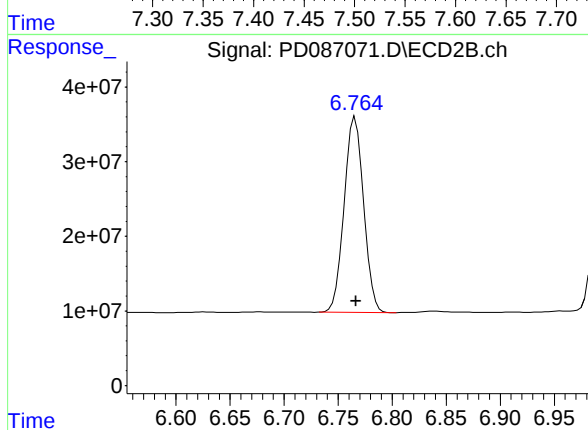
#19 Endosulfan Sulfate

R.T.: 6.492 min
Delta R.T.: 0.000 min
Response: 653911327
Conc: 48.33 ng/ml



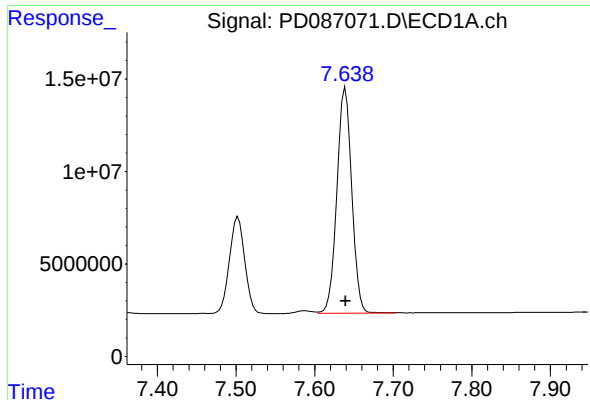
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 71018710
Conc: 44.41 ng/ml



#20 Methoxychlor

R.T.: 6.766 min
Delta R.T.: 0.000 min
Response: 329098545
Conc: 45.88 ng/ml



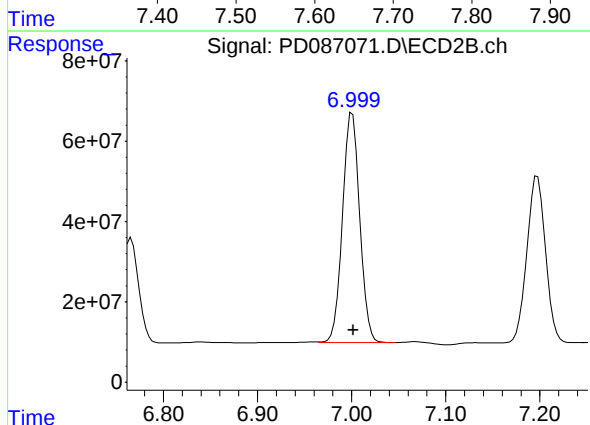
#21 Endrin ketone

R.T.: 7.639 min
Delta R.T.: 0.000 min
Response: 159798909
Conc: 49.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

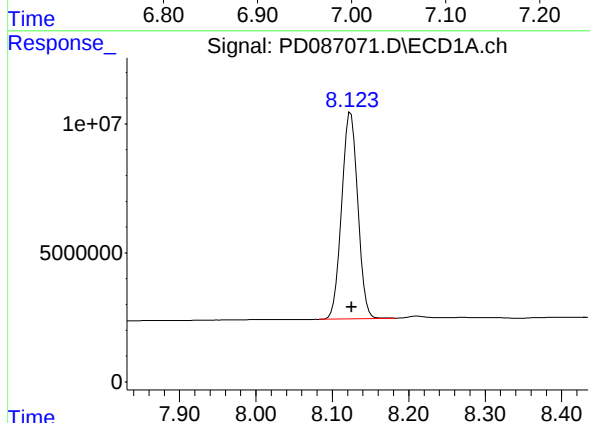
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/09/2024
Supervised By :Ankita Jodhani 12/10/2024



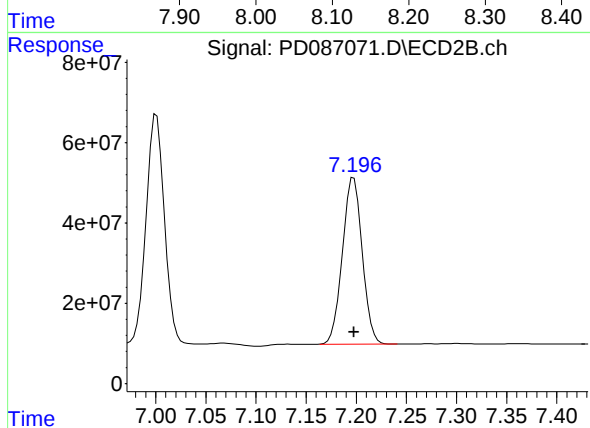
#21 Endrin ketone

R.T.: 7.001 min
Delta R.T.: -0.001 min
Response: 727192834
Conc: 48.25 ng/ml



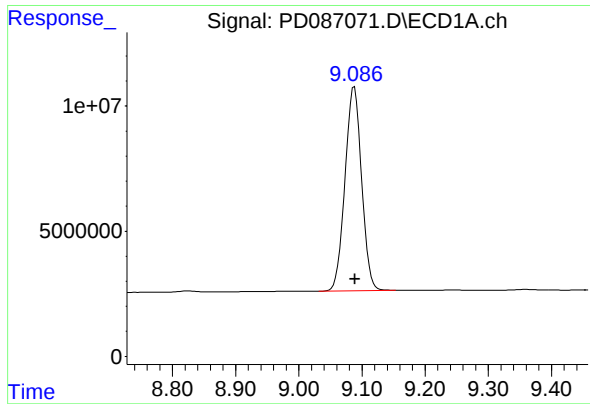
#22 Mirex

R.T.: 8.124 min
Delta R.T.: -0.001 min
Response: 117751893
Conc: 47.19 ng/ml



#22 Mirex

R.T.: 7.198 min
Delta R.T.: 0.000 min
Response: 570083053
Conc: 46.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.088 min
Delta R.T.: 0.000 min
Response: 148749364
Conc: 46.76 ng/ml

Instrument :

ECD_D

ClientSampleId :

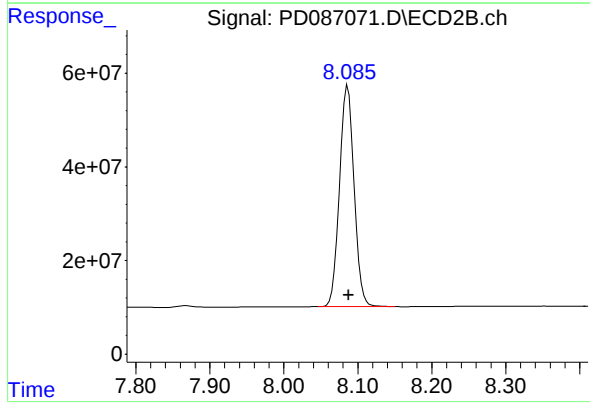
PSTDCCC050

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.086 min
Delta R.T.: 0.000 min
Response: 646291785
Conc: 46.39 ng/ml