

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020224\
 Data File : PD081024.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Feb 2024 10:44
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/05/2024
 Supervised By :Ankita Jodhani 02/05/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 03 01:26:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 11:14:56 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...	3.572	2.794	71227872	133.0E6	50.176	55.616
28)	SA Decachlor...	9.121	7.935	89980997	132.7E6	44.712	49.811
Target Compounds							
2)	A alpha-BHC	4.030	3.296	127.6E6	208.1E6	51.388	54.244
3)	MA gamma-BHC...	4.363	3.625	124.5E6	200.6E6	50.882	53.643
4)	MA Heptachlor	4.956	3.967	121.8E6	180.6E6	49.384	52.391
5)	MB Aldrin	5.299	4.246	122.9E6	185.3E6	50.080	50.879m
6)	B beta-BHC	4.558	3.921	50234622	81739362	49.646	52.310
7)	B delta-BHC	4.807	4.151	127.3E6	203.5E6	50.760	54.210m
8)	B Heptachlo...	5.724	4.749	116.0E6	172.0E6	51.786m	51.346
9)	A Endosulfan I	6.112	5.118	105.2E6	143.6E6	50.710	46.874
10)	B gamma-Chl...	5.981	4.999	111.3E6	169.5E6	50.852m	51.830
11)	B alpha-Chl...	6.061	5.063	112.6E6	167.6E6	51.717	51.256
12)	B 4,4'-DDE	6.232	5.250	101.2E6	162.4E6	49.728	53.009m
13)	MA Dieldrin	6.388	5.383	111.0E6	176.8E6	50.219	52.002
14)	MA Endrin	6.618	5.659	89868678	159.4E6	48.116	53.789
15)	B Endosulfa...	6.836	5.952	93660193	154.0E6	48.368	53.532
16)	A 4,4'-DDD	6.749	5.806	82974076	140.9E6	50.498	53.675
17)	MA 4,4'-DDT	7.065	6.057	80983203	134.1E6	45.474	50.537
18)	B Endrin al...	6.966	6.131	69900575	114.5E6	45.953	50.770
19)	B Endosulfa...	7.201	6.354	89135871	145.6E6	46.945	52.197
20)	A Methoxychlor	7.539	6.632	44597429	73229923	43.329	46.785
21)	B Endrin ke...	7.687	6.859	102.2E6	169.9E6	48.891	52.644m
22)	Mirex	8.163	7.043	76949185	127.2E6	46.653	50.470

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

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Data File : PD081024.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Feb 2024 10:44
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

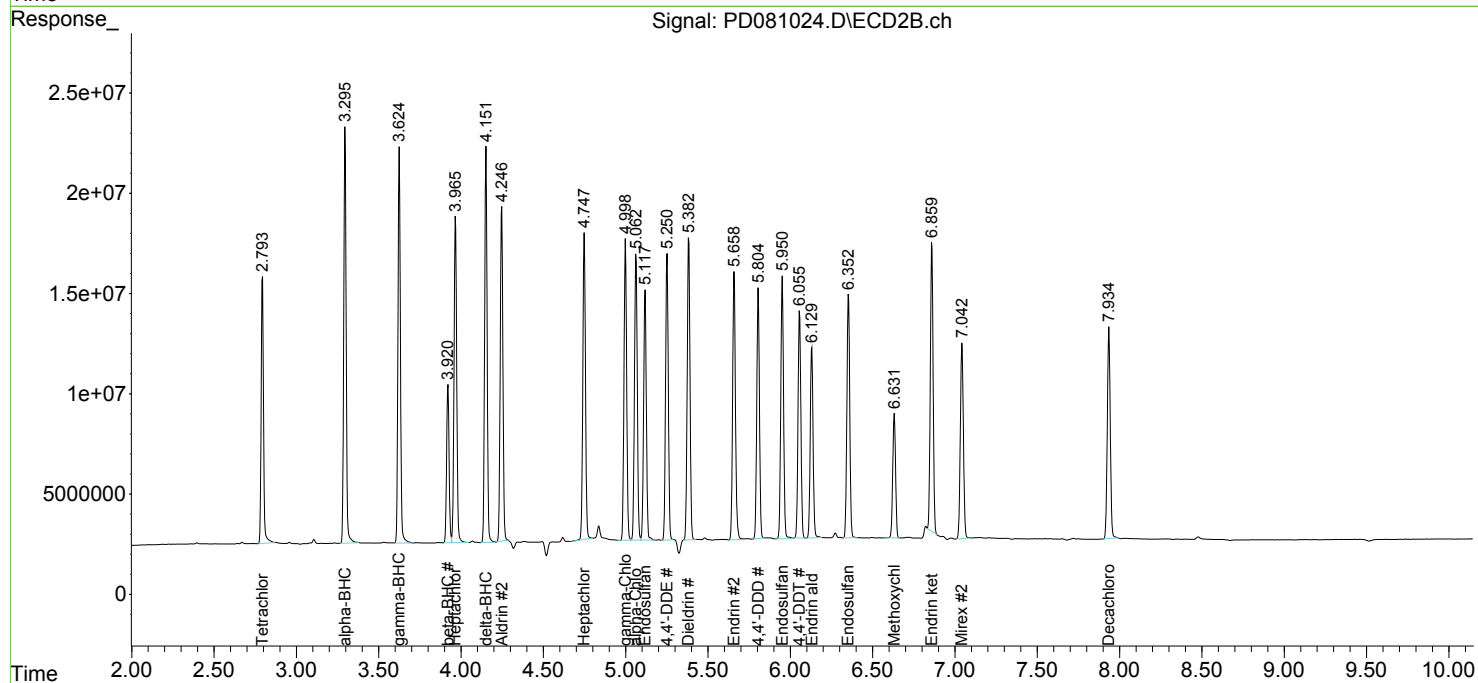
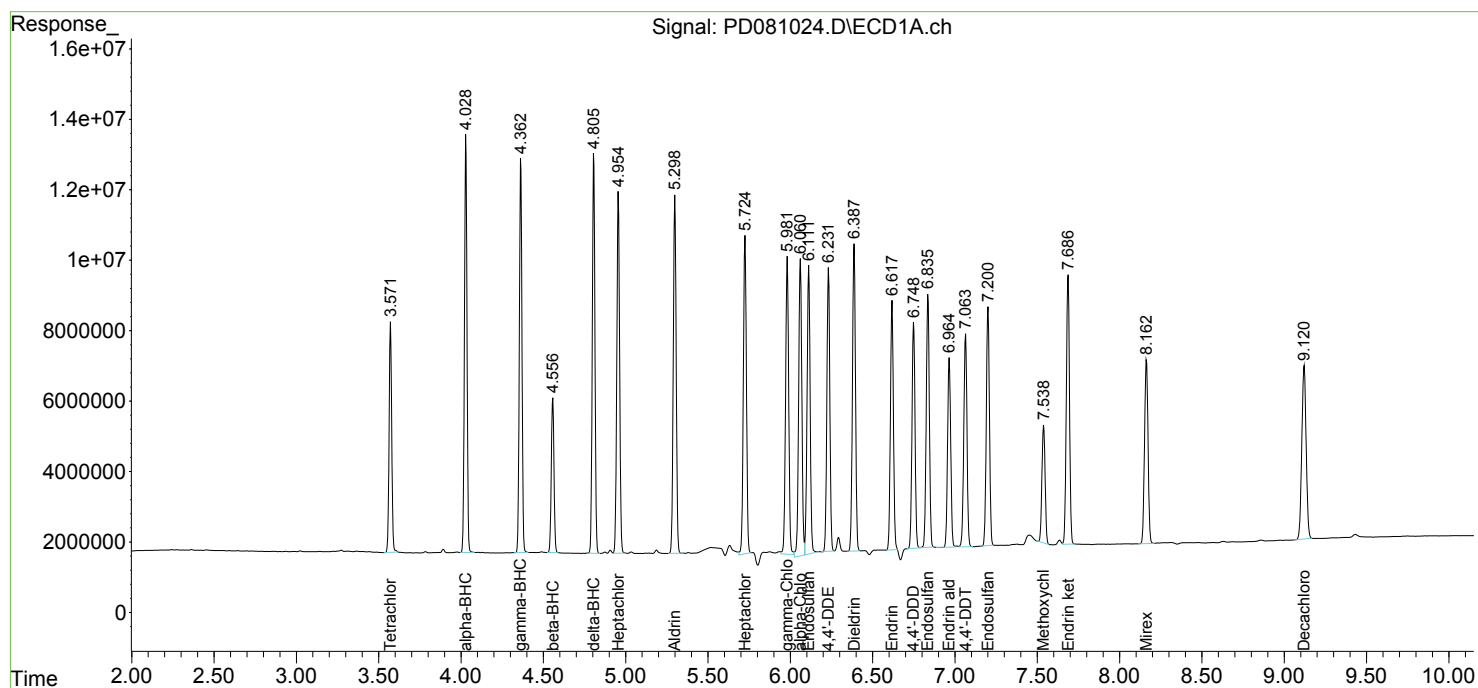
Manual Integrations

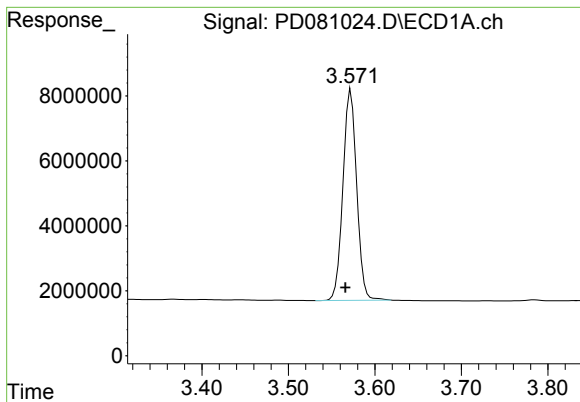
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Supervised By :Ankita Jodhani 02/05/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 03 01:26:53 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 11:14:56 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





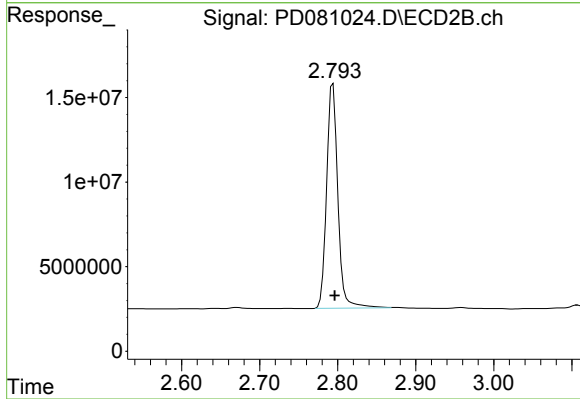
#1 Tetrachloro-m-xylene

R.T.: 3.572 min
Delta R.T.: 0.006 min
Response: 71227872
Conc: 50.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

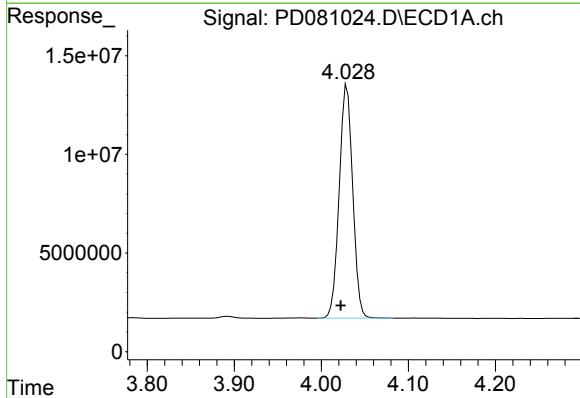
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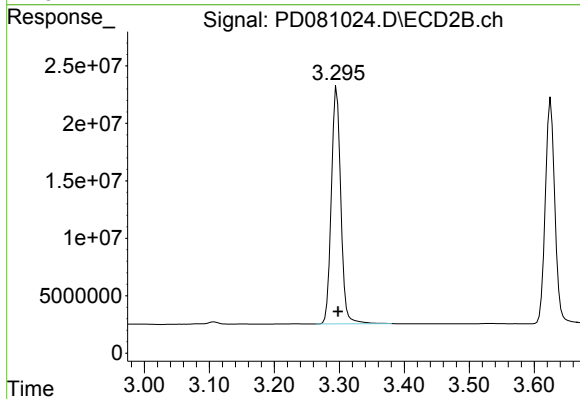
#1 Tetrachloro-m-xylene

R.T.: 2.794 min
Delta R.T.: -0.002 min
Response: 133042520
Conc: 55.62 ng/ml



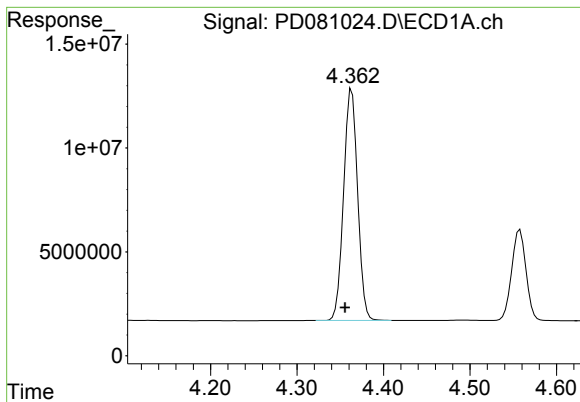
#2 alpha-BHC

R.T.: 4.030 min
Delta R.T.: 0.007 min
Response: 127639493
Conc: 51.39 ng/ml



#2 alpha-BHC

R.T.: 3.296 min
Delta R.T.: -0.002 min
Response: 208139001
Conc: 54.24 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.363 min
Delta R.T.: 0.008 min
Response: 124539242
Conc: 50.88 ng/ml

Instrument :

ECD_D

ClientSampleId :

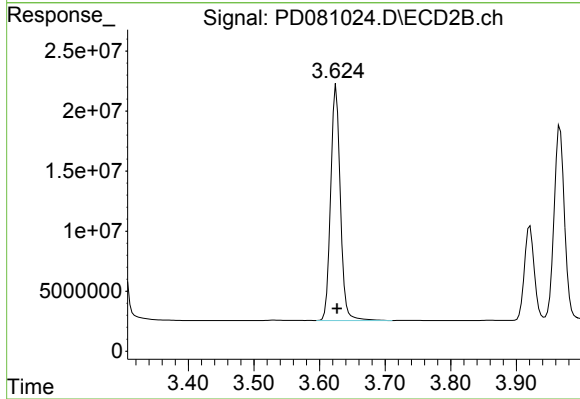
PSTDCCC050

Manual Integrations

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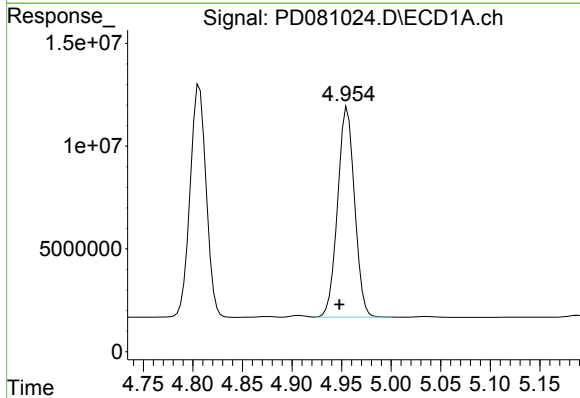
Reviewed By :Abdul Mirza 02/05/2024

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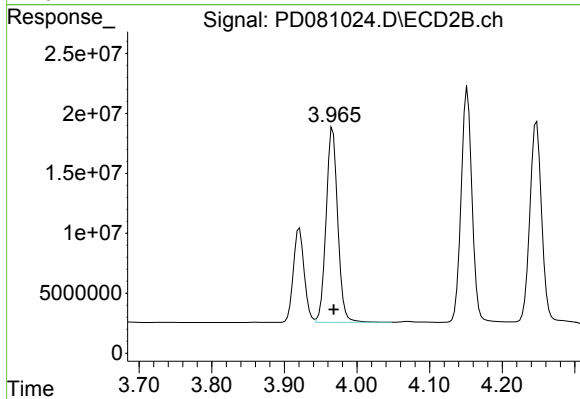
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: -0.002 min
Response: 200569452
Conc: 53.64 ng/ml



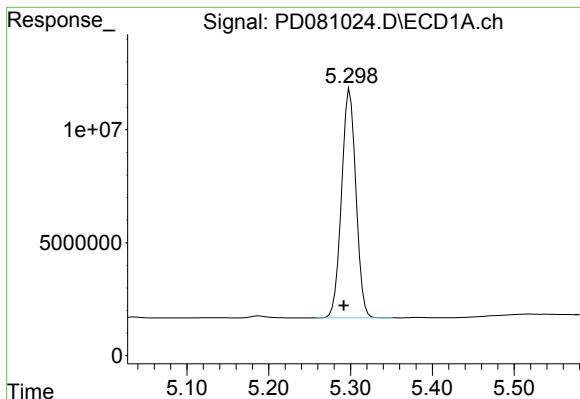
#4 Heptachlor

R.T.: 4.956 min
Delta R.T.: 0.008 min
Response: 121800008
Conc: 49.38 ng/ml



#4 Heptachlor

R.T.: 3.967 min
Delta R.T.: -0.001 min
Response: 180646935
Conc: 52.39 ng/ml



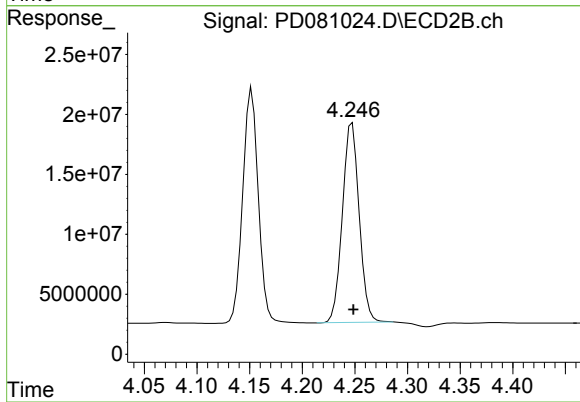
#5 Aldrin

R.T.: 5.299 min
Delta R.T.: 0.007 min
Response: 122928398
Conc: 50.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

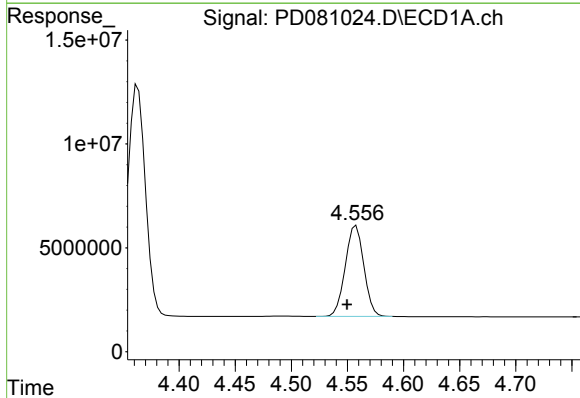
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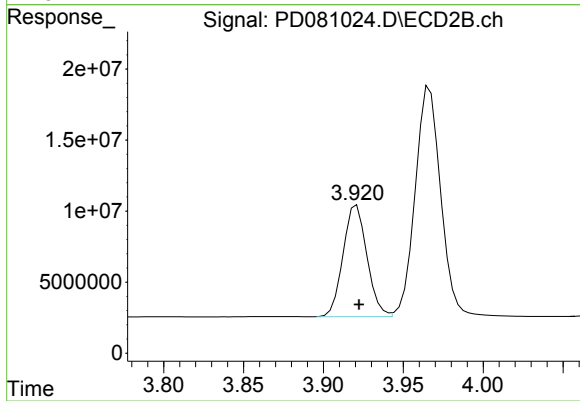
#5 Aldrin

R.T.: 4.246 min
Delta R.T.: -0.002 min
Response: 185302022
Conc: 50.88 ng/ml m



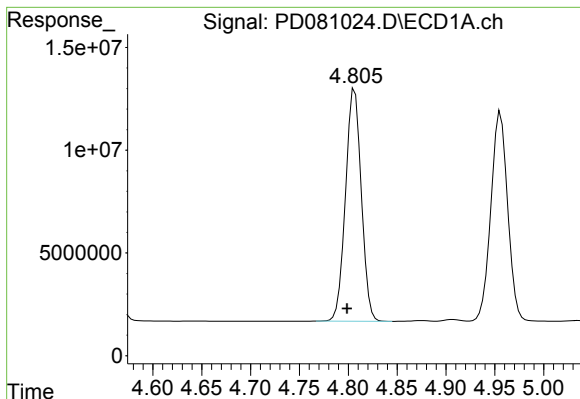
#6 beta-BHC

R.T.: 4.558 min
Delta R.T.: 0.008 min
Response: 50234622
Conc: 49.65 ng/ml



#6 beta-BHC

R.T.: 3.921 min
Delta R.T.: -0.001 min
Response: 81739362
Conc: 52.31 ng/ml



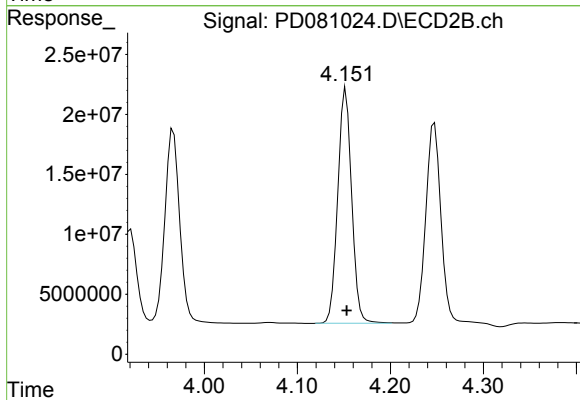
#7 delta-BHC

R.T.: 4.807 min
Delta R.T.: 0.008 min
Response: 127346743
Conc: 50.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

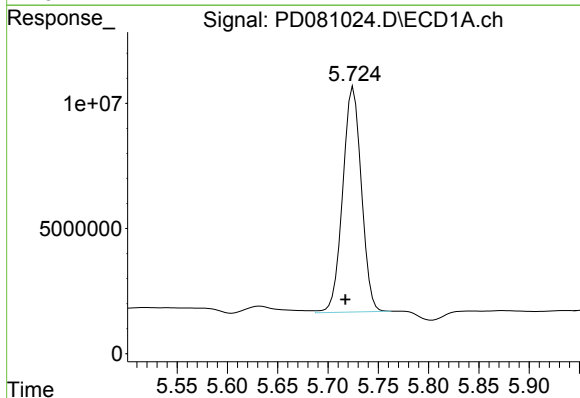
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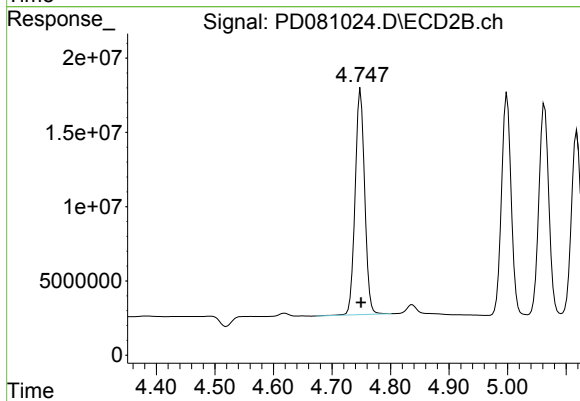
#7 delta-BHC

R.T.: 4.151 min
Delta R.T.: -0.002 min
Response: 203450462
Conc: 54.21 ng/ml m



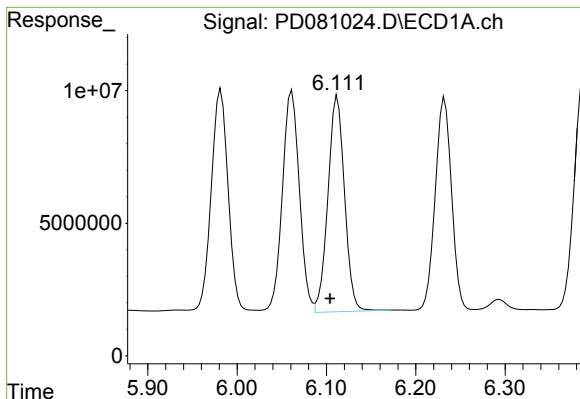
#8 Heptachlor epoxide

R.T.: 5.724 min
Delta R.T.: 0.007 min
Response: 115959905
Conc: 51.79 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.749 min
Delta R.T.: 0.000 min
Response: 171982132
Conc: 51.35 ng/ml



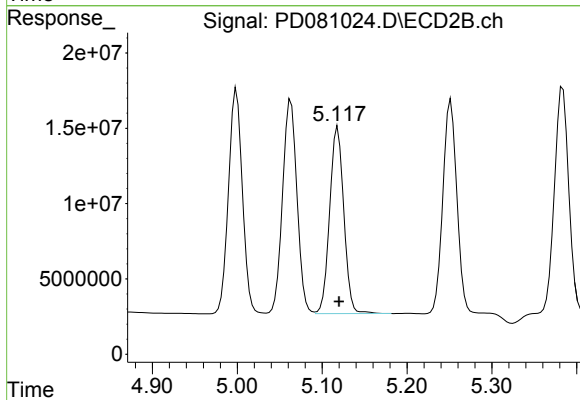
#9 Endosulfan I

R.T.: 6.112 min
Delta R.T.: 0.008 min
Response: 105175822
Conc: 50.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

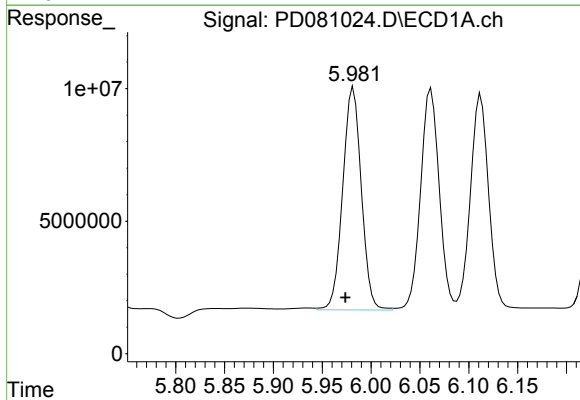
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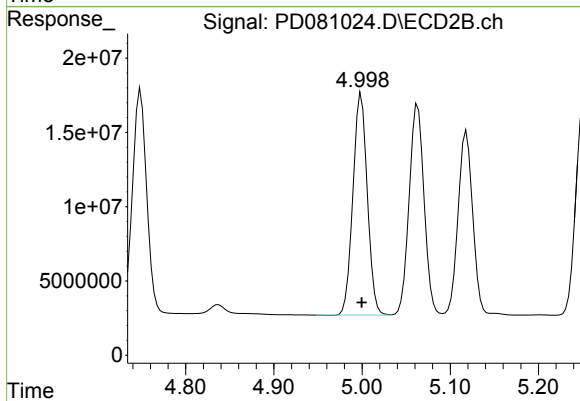
#9 Endosulfan I

R.T.: 5.118 min
Delta R.T.: -0.002 min
Response: 143562928
Conc: 46.87 ng/ml



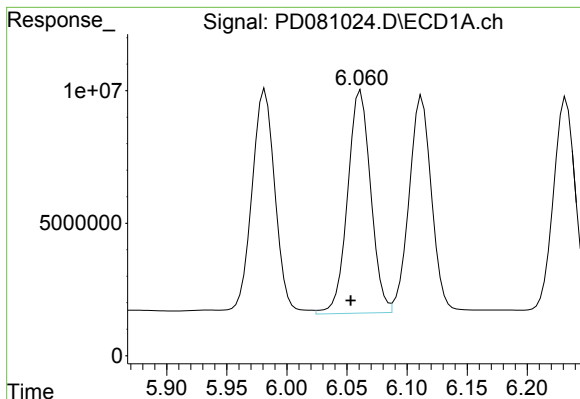
#10 gamma-Chlordane

R.T.: 5.981 min
Delta R.T.: 0.007 min
Response: 111321706
Conc: 50.85 ng/ml m



#10 gamma-Chlordane

R.T.: 4.999 min
Delta R.T.: 0.000 min
Response: 169536530
Conc: 51.83 ng/ml



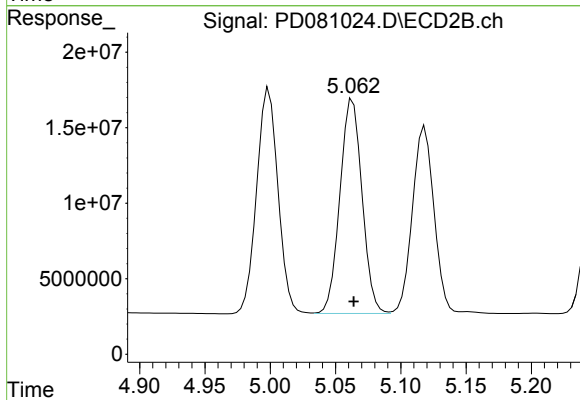
#11 alpha-Chlordane

R.T.: 6.061 min
Delta R.T.: 0.008 min
Response: 112609469
Conc: 51.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

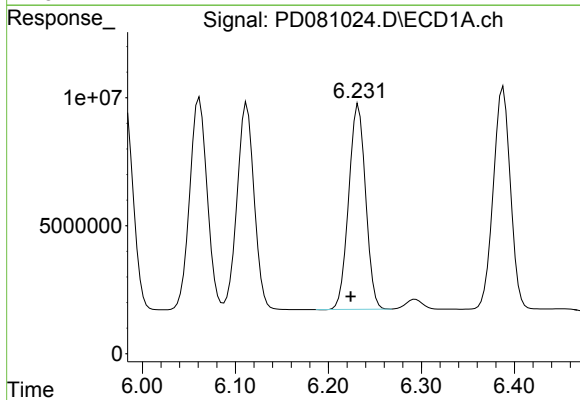
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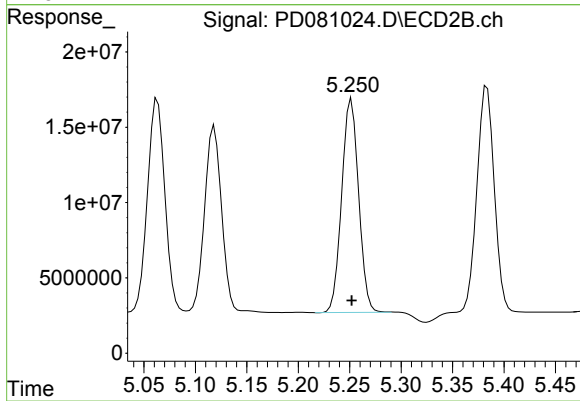
#11 alpha-Chlordane

R.T.: 5.063 min
Delta R.T.: 0.000 min
Response: 167582113
Conc: 51.26 ng/ml



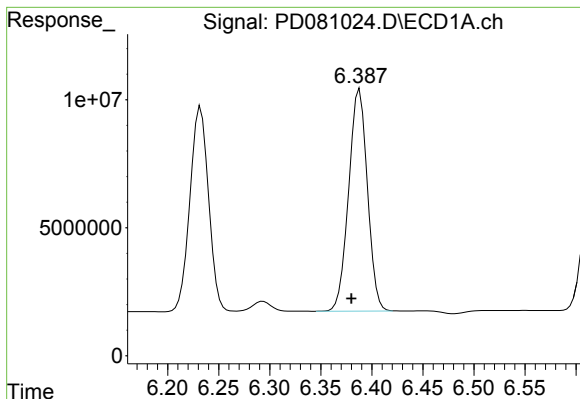
#12 4,4'-DDE

R.T.: 6.232 min
Delta R.T.: 0.008 min
Response: 101189980
Conc: 49.73 ng/ml



#12 4,4'-DDE

R.T.: 5.250 min
Delta R.T.: -0.002 min
Response: 162380490
Conc: 53.01 ng/ml m



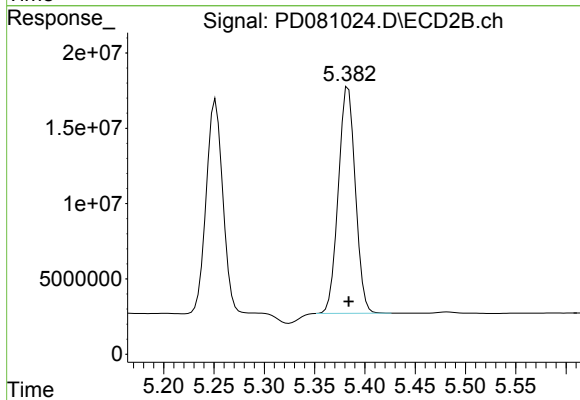
#13 Dieldrin

R.T.: 6.388 min
Delta R.T.: 0.008 min
Response: 110968568
Conc: 50.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

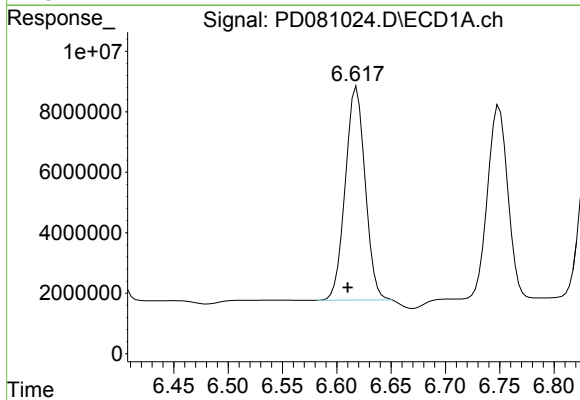
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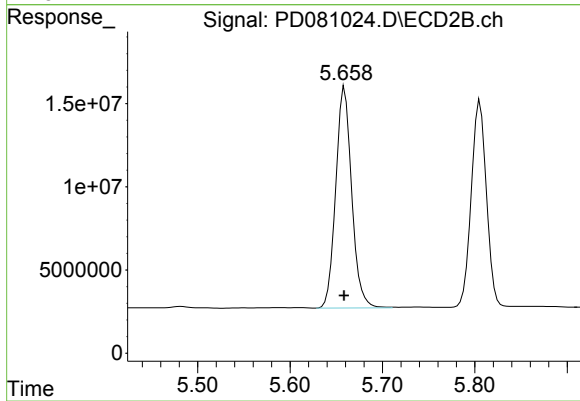
#13 Dieldrin

R.T.: 5.383 min
Delta R.T.: 0.000 min
Response: 176847679
Conc: 52.00 ng/ml



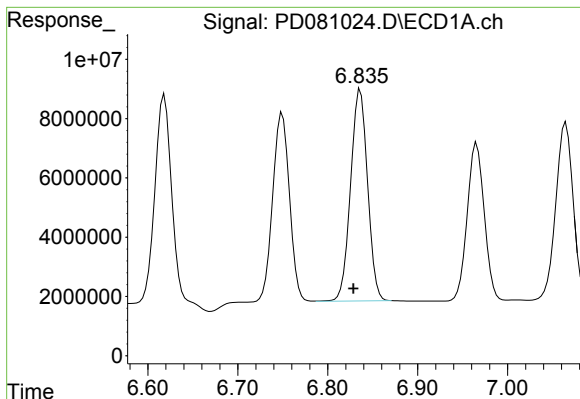
#14 Endrin

R.T.: 6.618 min
Delta R.T.: 0.008 min
Response: 89868678
Conc: 48.12 ng/ml



#14 Endrin

R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 159398487
Conc: 53.79 ng/ml



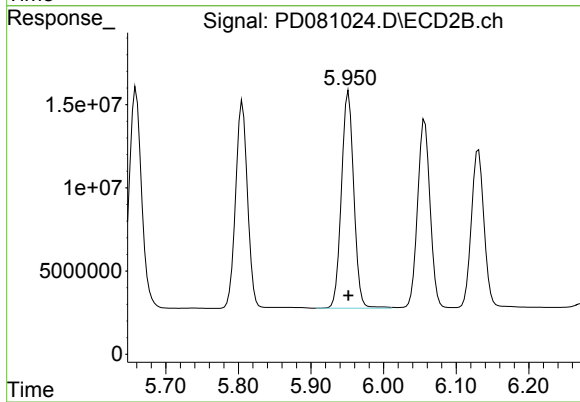
#15 Endosulfan II

R.T.: 6.836 min
Delta R.T.: 0.008 min
Response: 93660193
Conc: 48.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

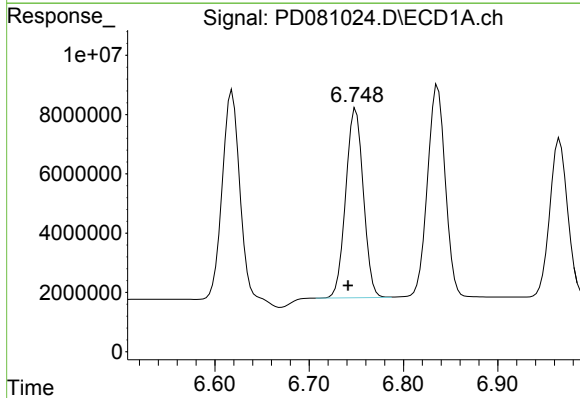
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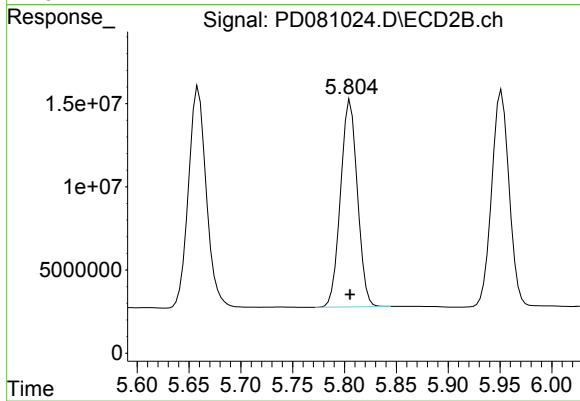
#15 Endosulfan II

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 153953067
Conc: 53.53 ng/ml



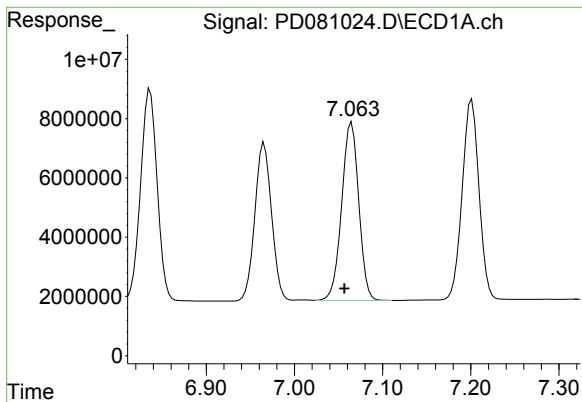
#16 4,4'-DDD

R.T.: 6.749 min
Delta R.T.: 0.008 min
Response: 82974076
Conc: 50.50 ng/ml



#16 4,4'-DDD

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 140911397
Conc: 53.68 ng/ml



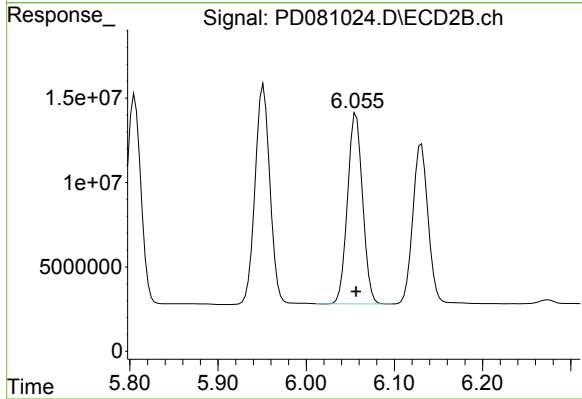
#17 4,4'-DDT

R.T.: 7.065 min
Delta R.T.: 0.008 min
Response: 80983203
Conc: 45.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

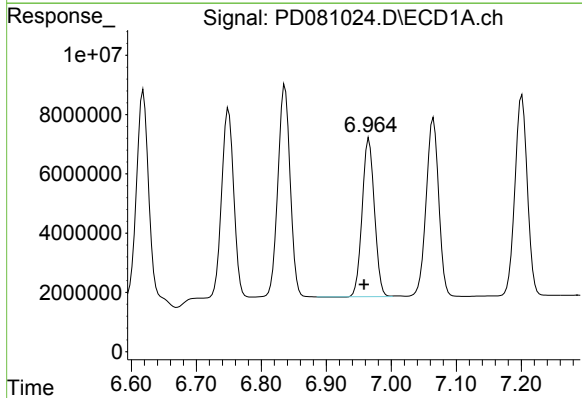
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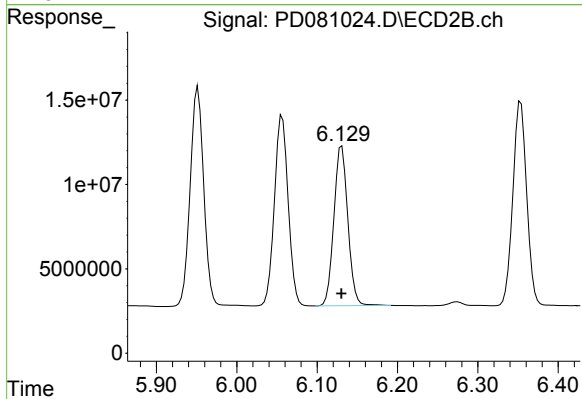
#17 4,4'-DDT

R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 134078147
Conc: 50.54 ng/ml



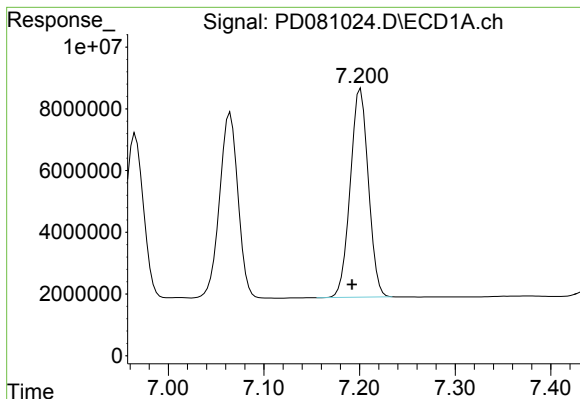
#18 Endrin aldehyde

R.T.: 6.966 min
Delta R.T.: 0.008 min
Response: 69900575
Conc: 45.95 ng/ml



#18 Endrin aldehyde

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 114469094
Conc: 50.77 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.201 min
Delta R.T.: 0.009 min
Response: 89135871
Conc: 46.94 ng/ml

Instrument :

ECD_D

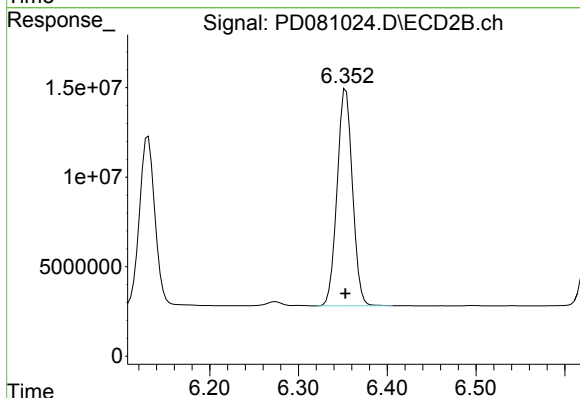
ClientSampleId :

PSTDCCC050

Manual Integrations

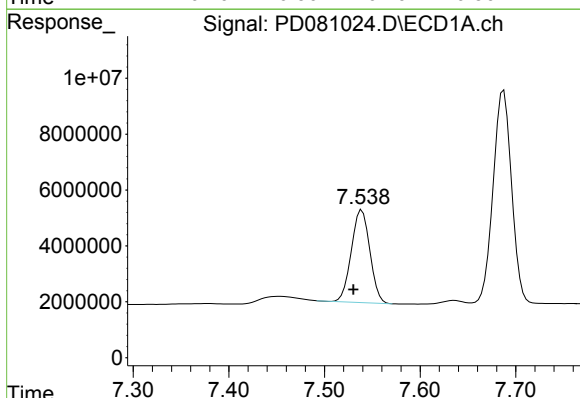
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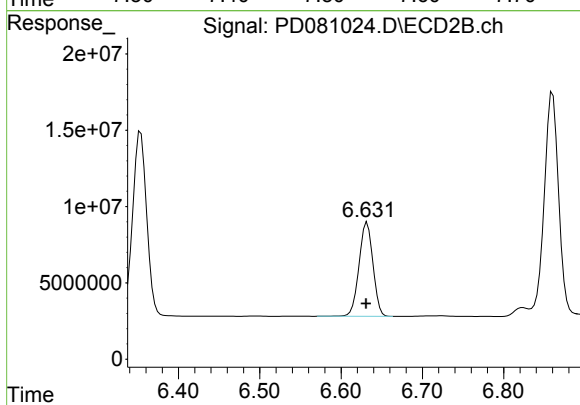
#19 Endosulfan Sulfate

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 145596928
Conc: 52.20 ng/ml



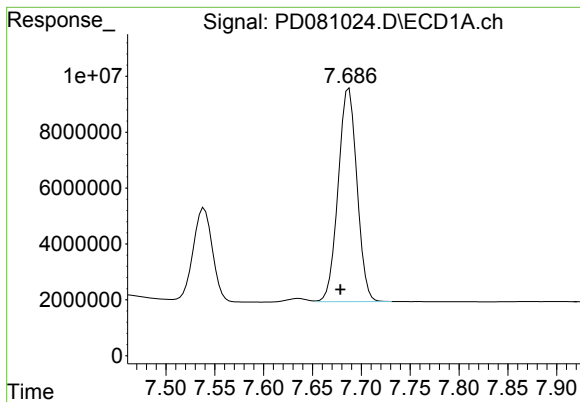
#20 Methoxychlor

R.T.: 7.539 min
Delta R.T.: 0.009 min
Response: 44597429
Conc: 43.33 ng/ml



#20 Methoxychlor

R.T.: 6.632 min
Delta R.T.: 0.001 min
Response: 73229923
Conc: 46.78 ng/ml



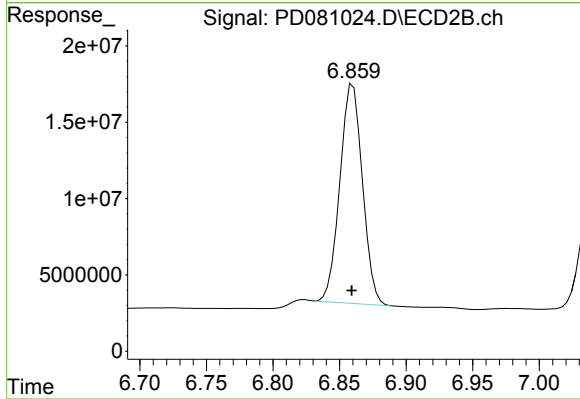
#21 Endrin ketone

R.T.: 7.687 min
Delta R.T.: 0.009 min
Response: 102242799
Conc: 48.89 ng/ml

Instrument :
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ClientSampleId :
PSTDCCC050

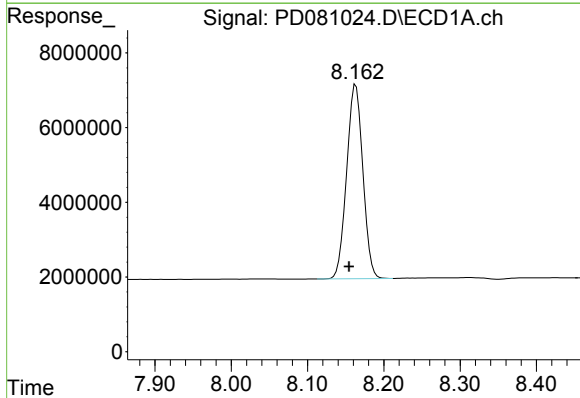
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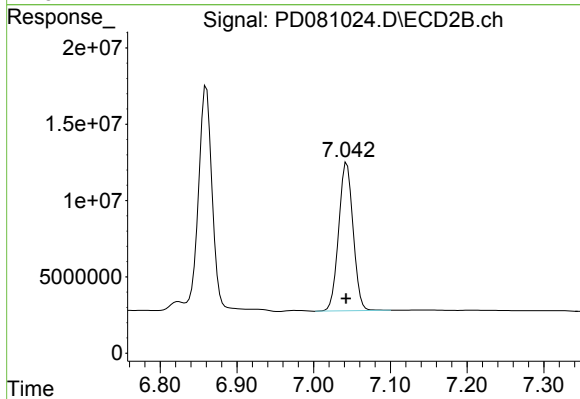
#21 Endrin ketone

R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 169882302
Conc: 52.64 ng/ml m



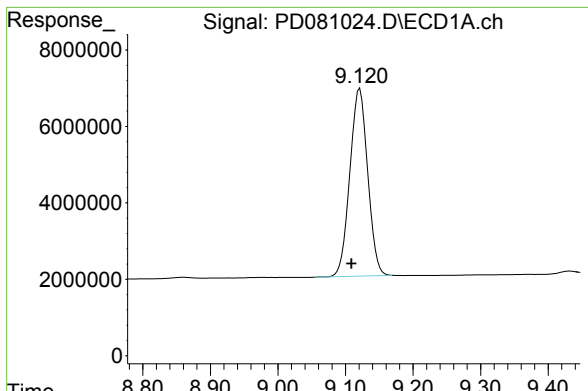
#22 Mirex

R.T.: 8.163 min
Delta R.T.: 0.009 min
Response: 76949185
Conc: 46.65 ng/ml



#22 Mirex

R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 127183909
Conc: 50.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.121 min
Delta R.T.: 0.012 min
Response: 89980997
Conc: 44.71 ng/ml

Instrument :

ECD_D

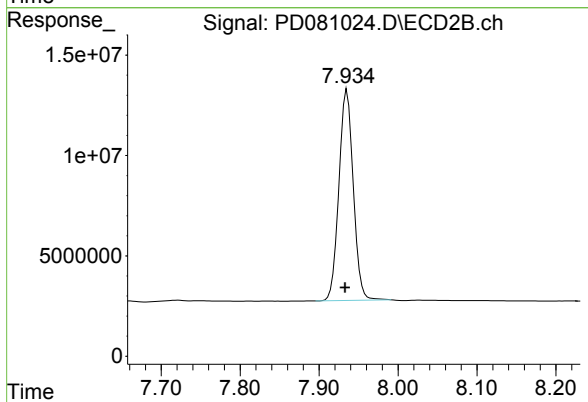
ClientSampleId :

PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 02/05/2024
Supervised By :Ankita Jodhani 02/05/2024



#28 Decachlorobiphenyl

R.T.: 7.935 min
Delta R.T.: 0.002 min
Response: 132677130
Conc: 49.81 ng/ml