

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060223\
 Data File : PL083199.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2023 20:56
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/05/2023
 Supervised By : Ankita Jodhani 06/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 05:34:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.314	2.633	139.7E6	131.9E6	47.521	50.820
28)	SA Decachlor...	8.728	7.736	104.7E6	126.3E6	49.936	50.786
Target Compounds							
2)	A alpha-BHC	3.763	3.129	217.6E6	192.7E6	49.009	51.651
3)	MA gamma-BHC...	4.091	3.455	201.9E6	178.6E6	48.743	53.567m
4)	MA Heptachlor	4.669	3.786	193.0E6	187.4E6	50.493	51.198
5)	MB Aldrin	5.005	4.062	180.4E6	174.2E6	51.263	53.550
6)	B beta-BHC	4.295	3.757	89889132	74827704	47.744	52.324
7)	B delta-BHC	4.534	3.982	200.3E6	176.0E6	58.254m	53.727
8)	B Heptachlo...	5.431	4.563	165.6E6	151.4E6	51.760	51.022
9)	A Endosulfan I	5.812	4.930	156.0E6	135.9E6	51.989	48.622
10)	B gamma-Chl...	5.684	4.812	164.5E6	155.6E6	51.786m	51.797
11)	B alpha-Chl...	5.763	4.874	166.9E6	155.3E6	51.999	51.722
12)	B 4,4'-DDE	5.942	5.063	142.7E6	131.9E6	51.765	54.313m
13)	MA Dieldrin	6.086	5.194	152.9E6	144.1E6	50.844	51.062
14)	MA Endrin	6.313	5.468	135.4E6	130.6E6	50.388	51.494
15)	B Endosulfa...	6.536	5.765	126.3E6	122.9E6	47.539	49.691
16)	A 4,4'-DDD	6.458	5.619	114.7E6	103.3E6	52.794	53.716
17)	MA 4,4'-DDT	6.769	5.867	126.3E6	116.3E6	50.468	52.131
18)	B Endrin al...	6.664	5.944	102.7E6	98871886	51.082m	49.999
19)	B Endosulfa...	6.900	6.167	130.6E6	125.1E6	50.951	51.096
20)	A Methoxychlor	7.250	6.446	67790105	65186978	51.264	51.258
21)	B Endrin ke...	7.380	6.671	131.4E6	136.4E6	51.524	50.458
22)	Mirex	7.843	6.841	103.1E6	114.9E6	49.201	49.091

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060223\
Data File : PL083199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jun 2023 20:56
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

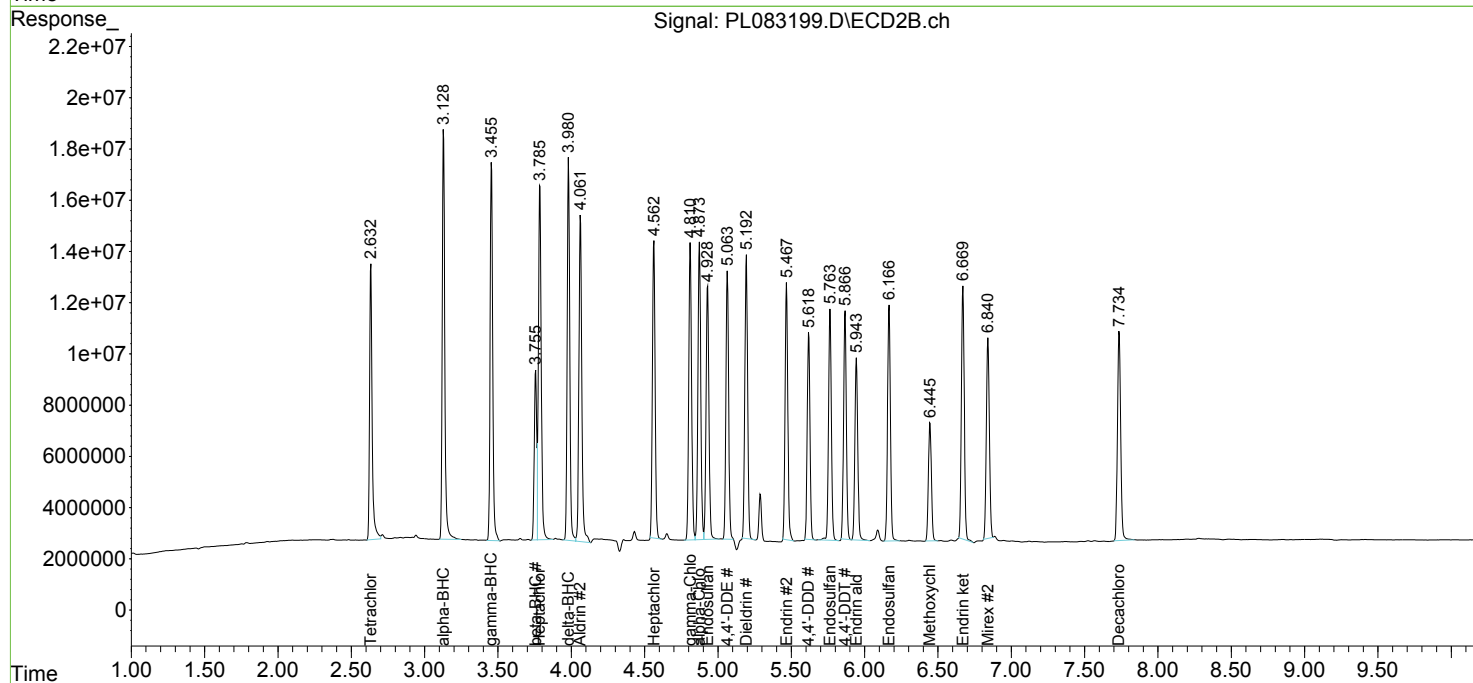
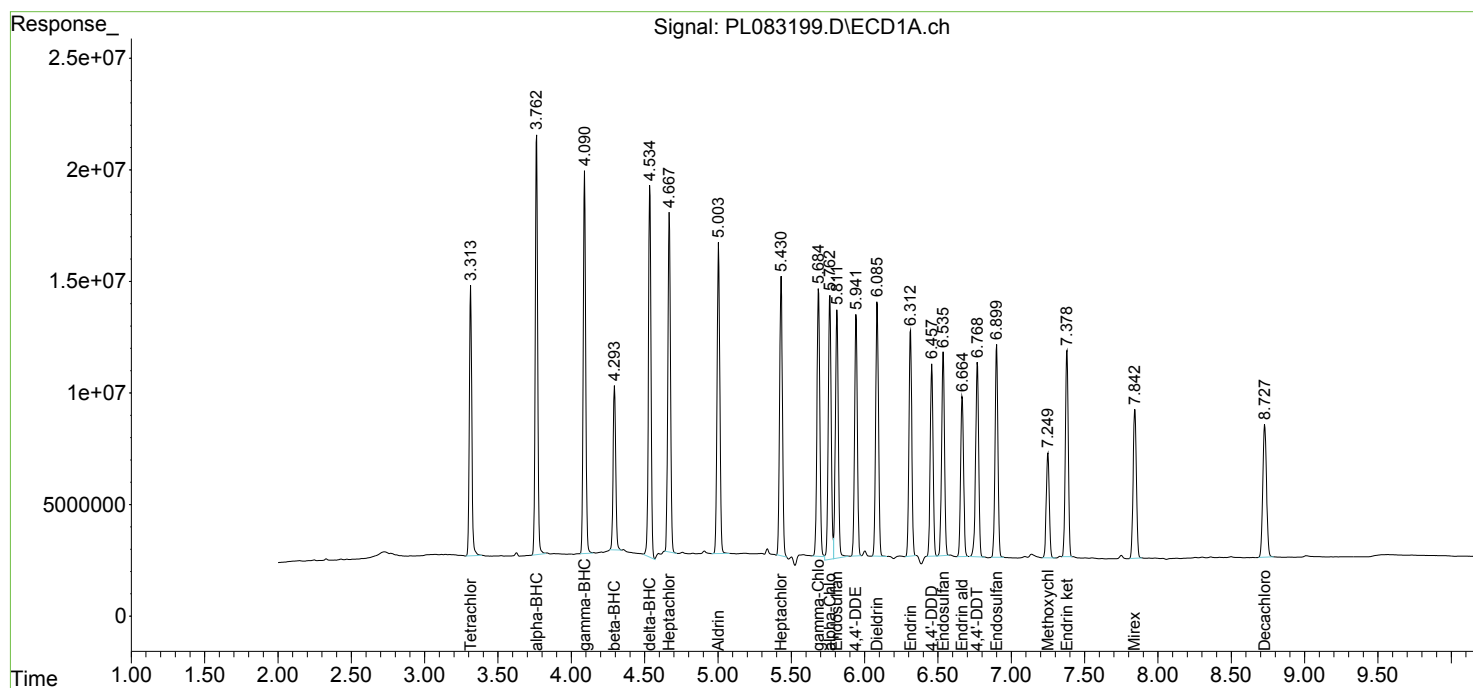
APPROVED

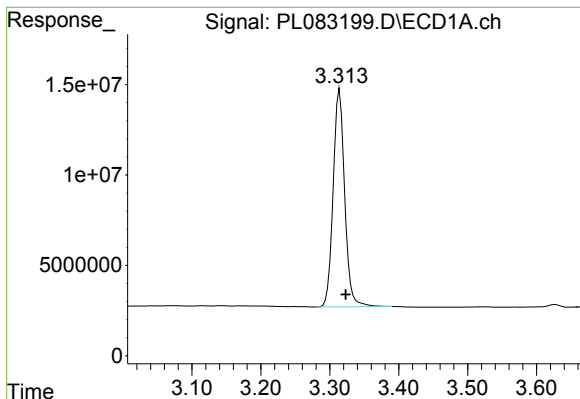
Reviewed By :Abdul Mirza 06/05/2023

Supervised By :Ankita Jodhani 06/05/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 05 05:34:48 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
Quant Title : GC Extractables
QLast Update : Sat May 20 04:58:53 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





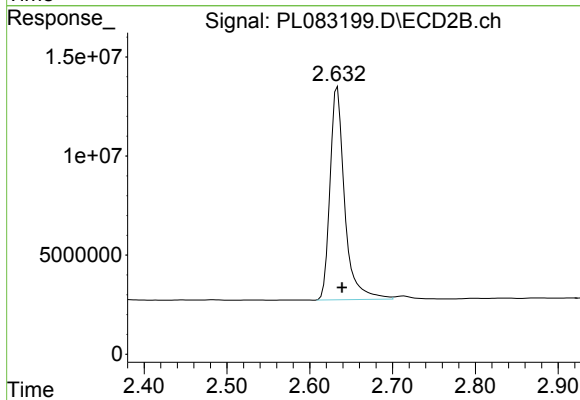
#1 Tetrachloro-m-xylene

R.T.: 3.314 min
Delta R.T.: -0.009 min
Response: 139664241
Conc: 47.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

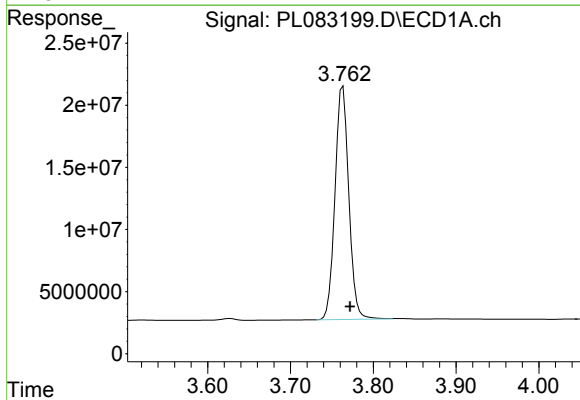
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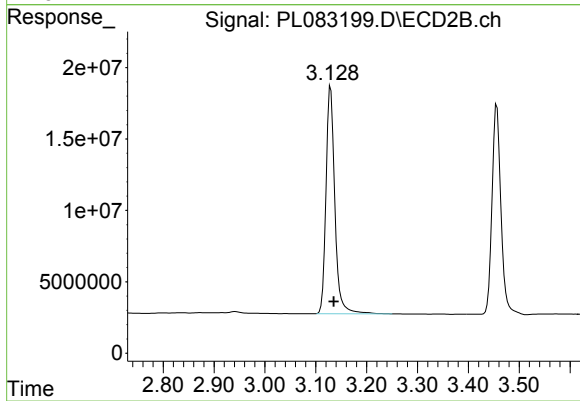
#1 Tetrachloro-m-xylene

R.T.: 2.633 min
Delta R.T.: -0.006 min
Response: 131934508
Conc: 50.82 ng/ml



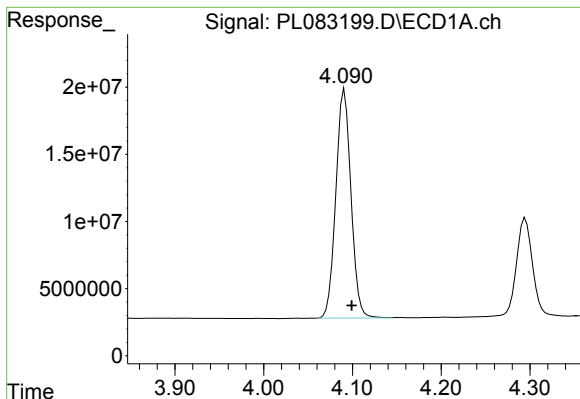
#2 alpha-BHC

R.T.: 3.763 min
Delta R.T.: -0.009 min
Response: 217564720
Conc: 49.01 ng/ml



#2 alpha-BHC

R.T.: 3.129 min
Delta R.T.: -0.006 min
Response: 192733894
Conc: 51.65 ng/ml



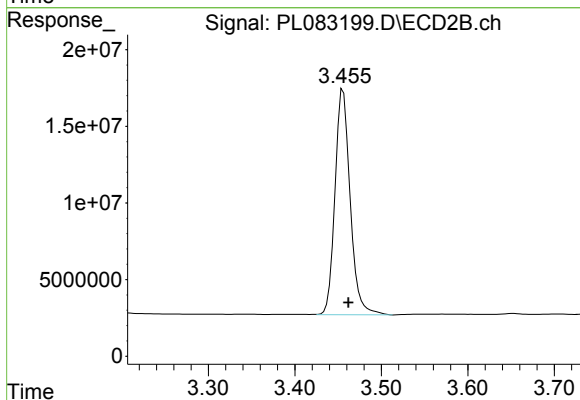
#3 gamma-BHC (Lindane)

R.T.: 4.091 min
Delta R.T.: -0.008 min
Response: 201939991
Conc: 48.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

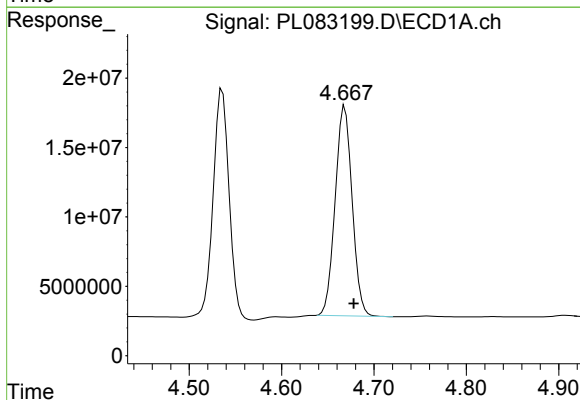
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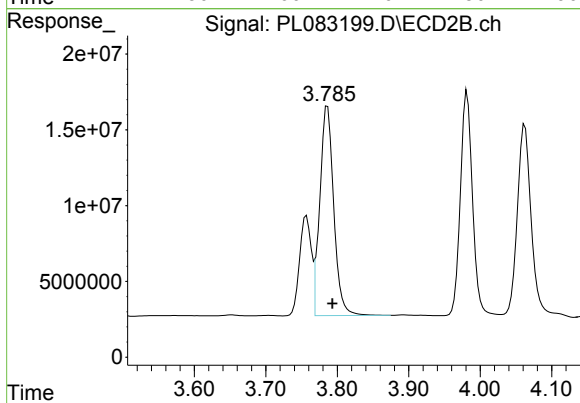
#3 gamma-BHC (Lindane)

R.T.: 3.455 min
Delta R.T.: -0.007 min
Response: 178554717
Conc: 53.57 ng/ml m



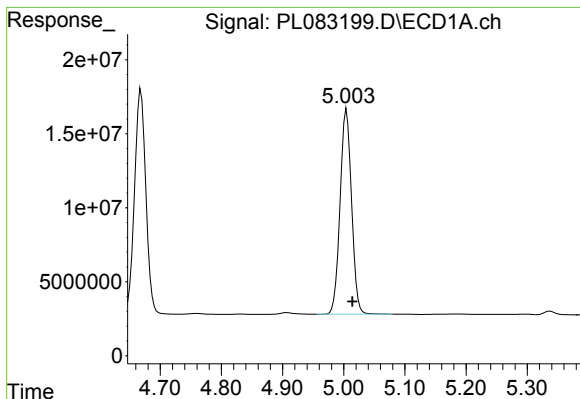
#4 Heptachlor

R.T.: 4.669 min
Delta R.T.: -0.009 min
Response: 193008425
Conc: 50.49 ng/ml



#4 Heptachlor

R.T.: 3.786 min
Delta R.T.: -0.007 min
Response: 187438732
Conc: 51.20 ng/ml



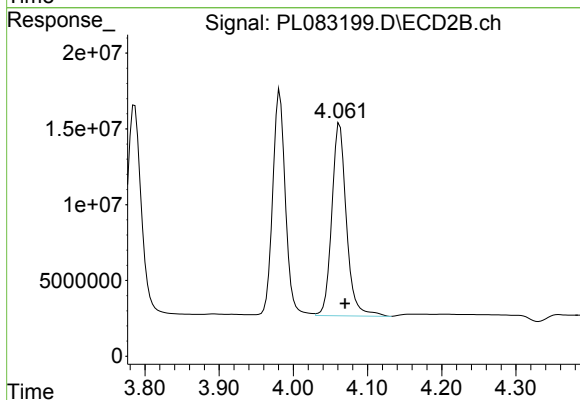
#5 Aldrin

R.T.: 5.005 min
Delta R.T.: -0.009 min
Response: 180350679
Conc: 51.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

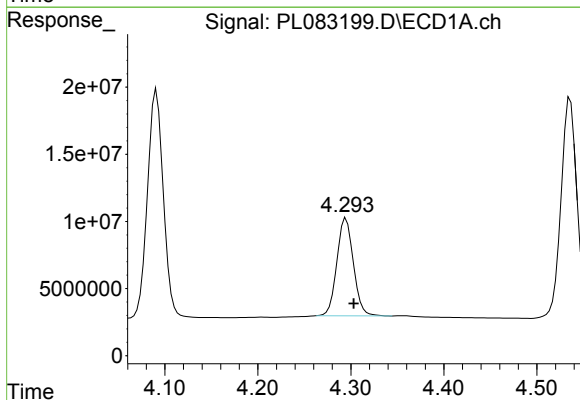
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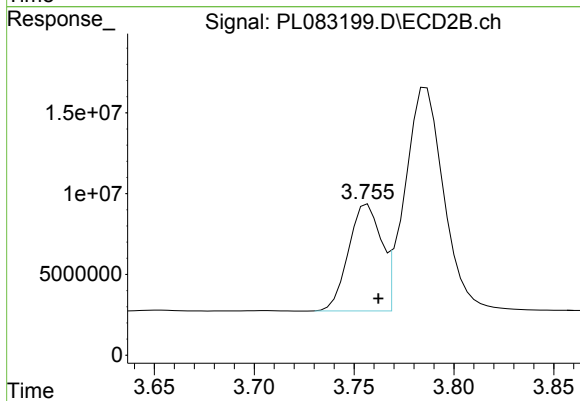
#5 Aldrin

R.T.: 4.062 min
Delta R.T.: -0.007 min
Response: 174231069
Conc: 53.55 ng/ml



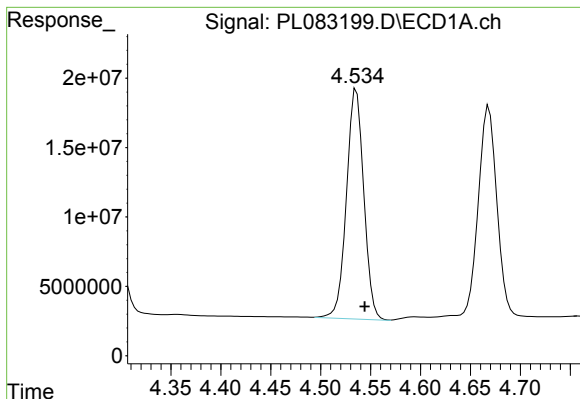
#6 beta-BHC

R.T.: 4.295 min
Delta R.T.: -0.008 min
Response: 89889132
Conc: 47.74 ng/ml



#6 beta-BHC

R.T.: 3.757 min
Delta R.T.: -0.005 min
Response: 74827704
Conc: 52.32 ng/ml



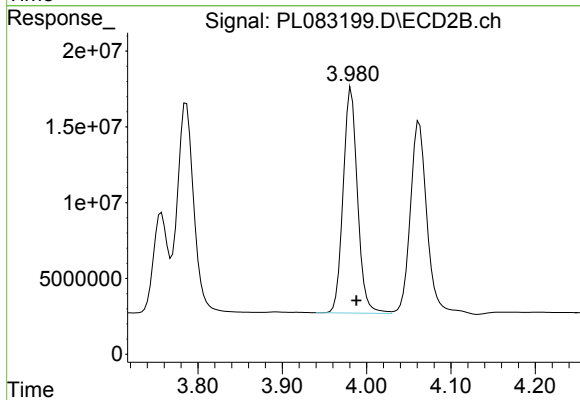
#7 delta-BHC

R.T.: 4.534 min
Delta R.T.: -0.010 min
Response: 200328937
Conc: 58.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

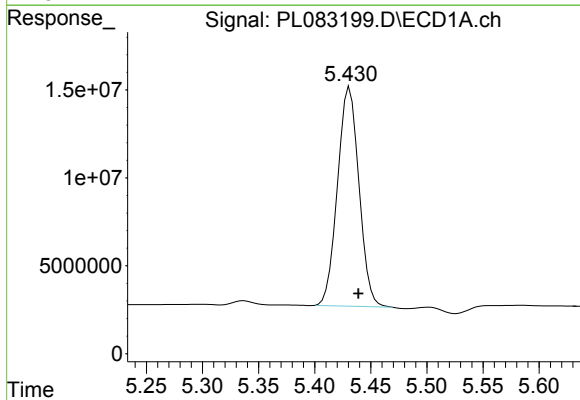
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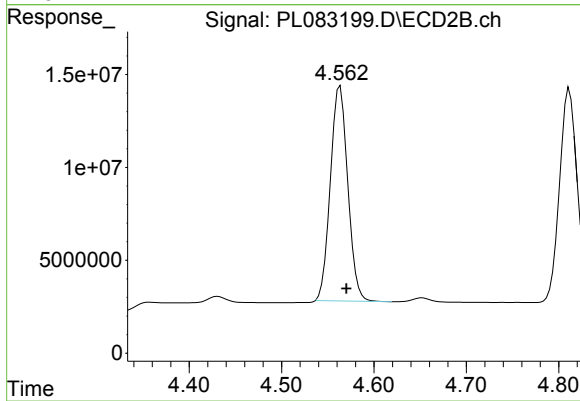
#7 delta-BHC

R.T.: 3.982 min
Delta R.T.: -0.006 min
Response: 176034086
Conc: 53.73 ng/ml



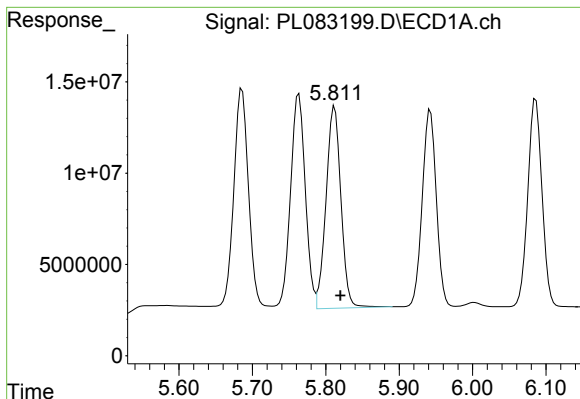
#8 Heptachlor epoxide

R.T.: 5.431 min
Delta R.T.: -0.008 min
Response: 165564768
Conc: 51.76 ng/ml



#8 Heptachlor epoxide

R.T.: 4.563 min
Delta R.T.: -0.007 min
Response: 151426988
Conc: 51.02 ng/ml



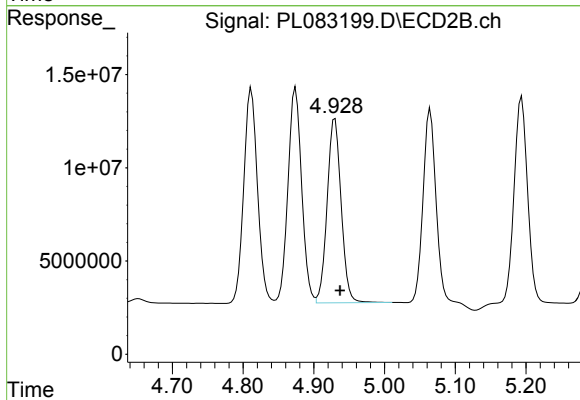
#9 Endosulfan I

R.T.: 5.812 min
Delta R.T.: -0.008 min
Response: 155998335
Conc: 51.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

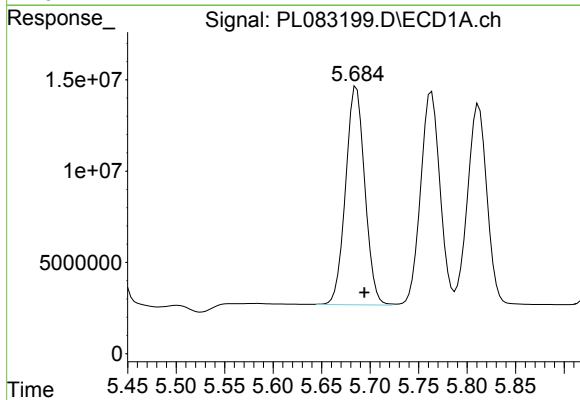
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Supervised By :Ankita Jodhani 06/05/2023



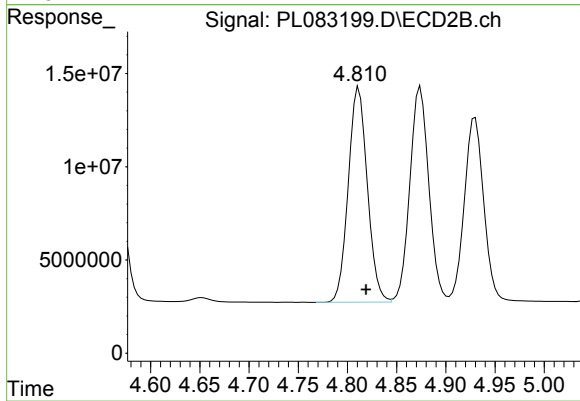
#9 Endosulfan I

R.T.: 4.930 min
Delta R.T.: -0.007 min
Response: 135868720
Conc: 48.62 ng/ml



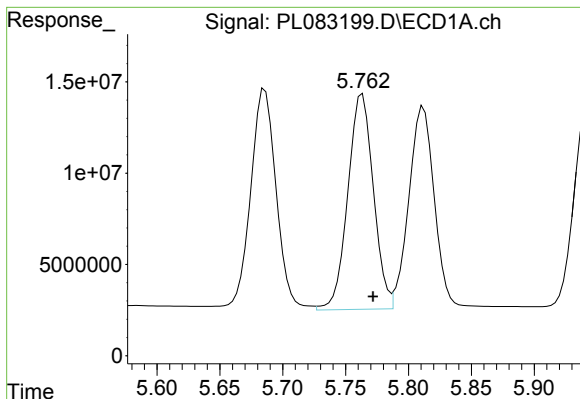
#10 gamma-Chlordane

R.T.: 5.684 min
Delta R.T.: -0.010 min
Response: 164522955
Conc: 51.79 ng/ml m



#10 gamma-Chlordane

R.T.: 4.812 min
Delta R.T.: -0.008 min
Response: 155565577
Conc: 51.80 ng/ml



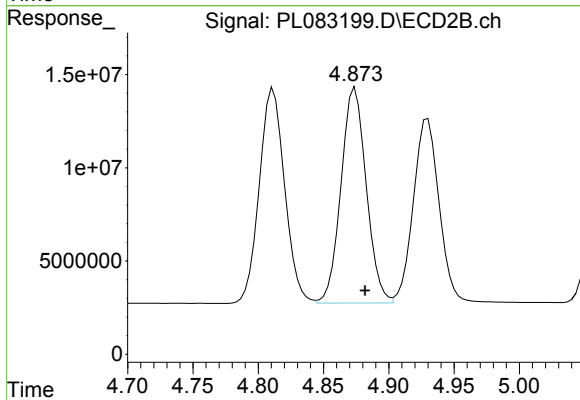
#11 alpha-Chlordane

R.T.: 5.763 min
Delta R.T.: -0.009 min
Response: 166881382
Conc: 52.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

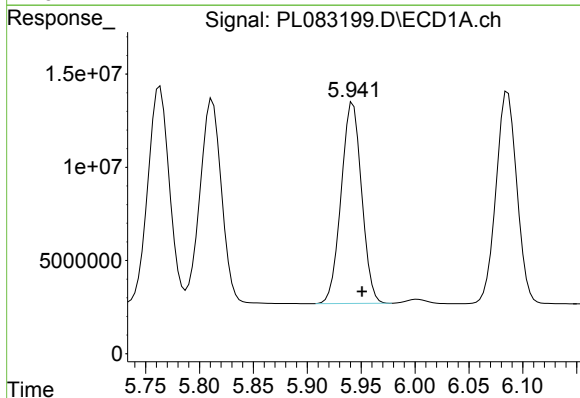
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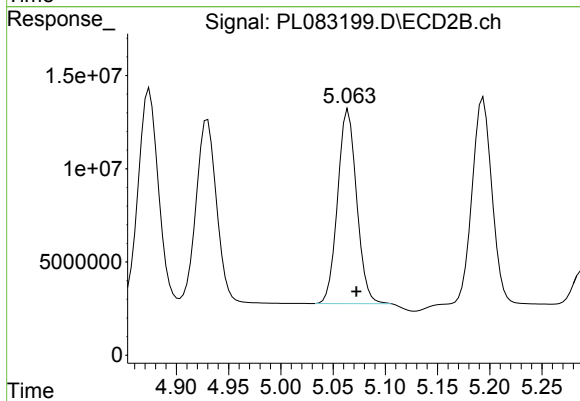
#11 alpha-Chlordane

R.T.: 4.874 min
Delta R.T.: -0.008 min
Response: 155268430
Conc: 51.72 ng/ml



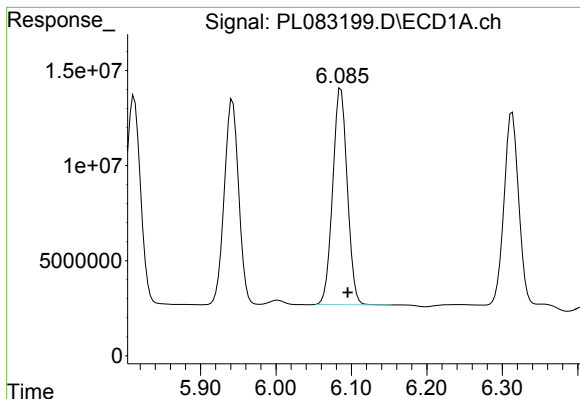
#12 4,4'-DDE

R.T.: 5.942 min
Delta R.T.: -0.009 min
Response: 142689691
Conc: 51.76 ng/ml



#12 4,4'-DDE

R.T.: 5.063 min
Delta R.T.: -0.009 min
Response: 131912791
Conc: 54.31 ng/ml m



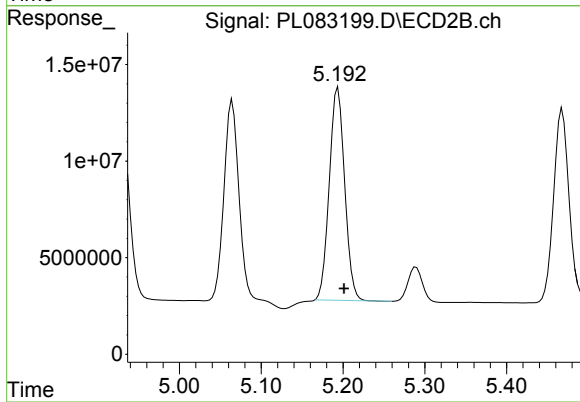
#13 Dieldrin

R.T.: 6.086 min
Delta R.T.: -0.009 min
Response: 152932481
Conc: 50.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

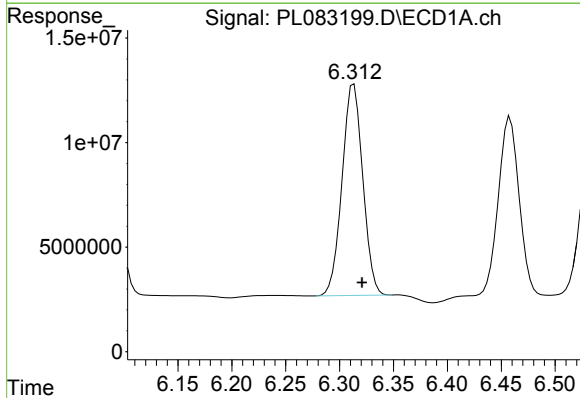
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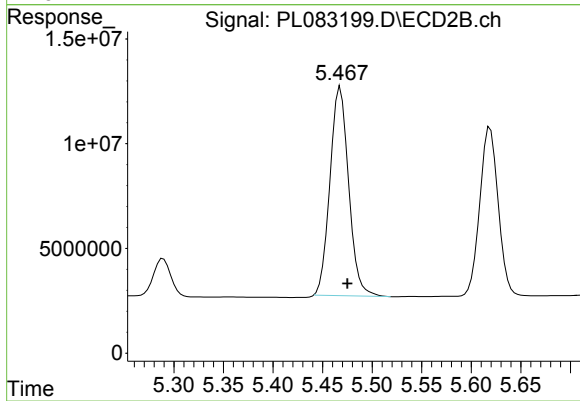
#13 Dieldrin

R.T.: 5.194 min
Delta R.T.: -0.007 min
Response: 144143200
Conc: 51.06 ng/ml



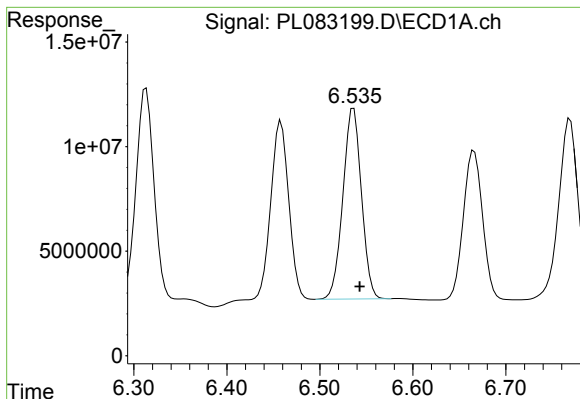
#14 Endrin

R.T.: 6.313 min
Delta R.T.: -0.008 min
Response: 135406046
Conc: 50.39 ng/ml



#14 Endrin

R.T.: 5.468 min
Delta R.T.: -0.007 min
Response: 130637547
Conc: 51.49 ng/ml



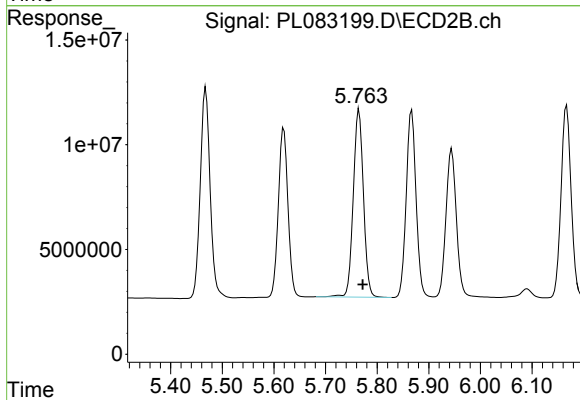
#15 Endosulfan II

R.T.: 6.536 min
Delta R.T.: -0.007 min
Response: 126266812
Conc: 47.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

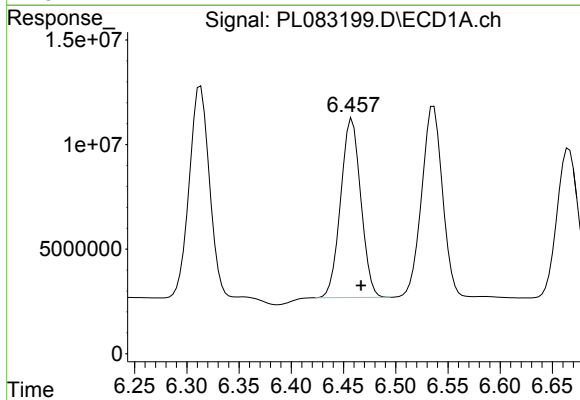
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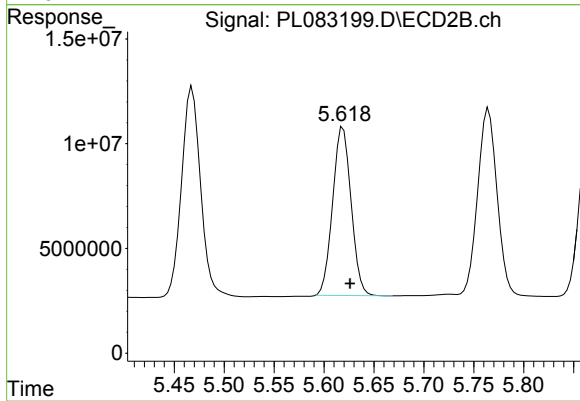
#15 Endosulfan II

R.T.: 5.765 min
Delta R.T.: -0.007 min
Response: 122946123
Conc: 49.69 ng/ml



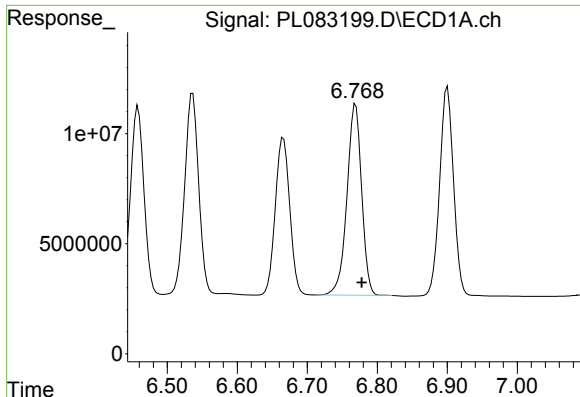
#16 4,4'-DDD

R.T.: 6.458 min
Delta R.T.: -0.009 min
Response: 114725038
Conc: 52.79 ng/ml



#16 4,4'-DDD

R.T.: 5.619 min
Delta R.T.: -0.007 min
Response: 103308580
Conc: 53.72 ng/ml



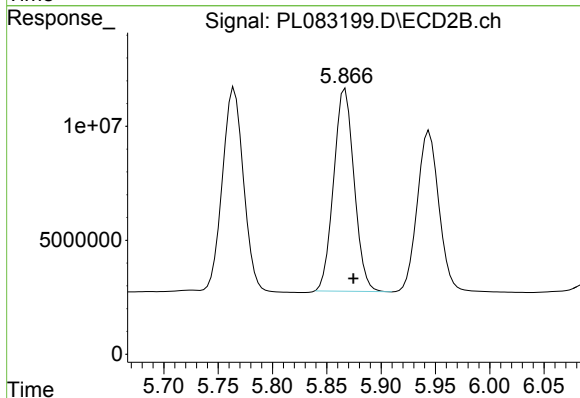
#17 4,4'-DDT

R.T.: 6.769 min
Delta R.T.: -0.009 min
Response: 126330720
Conc: 50.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

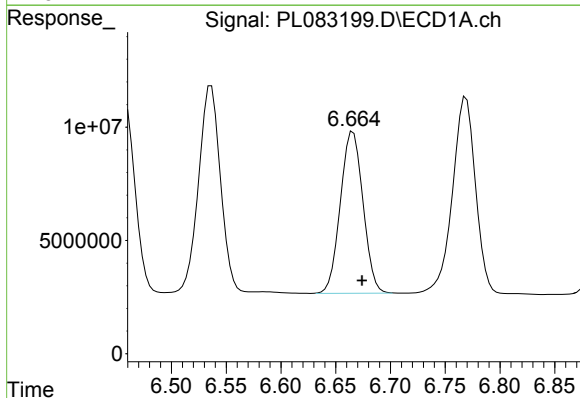
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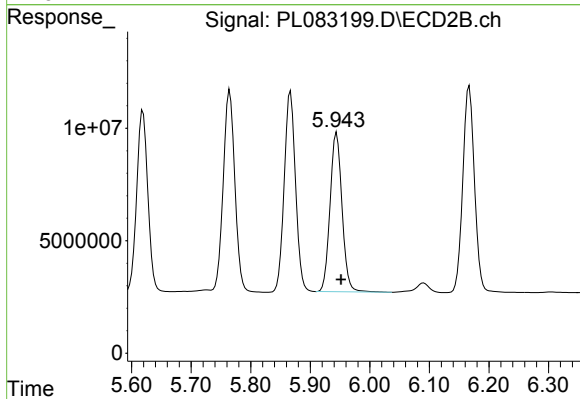
#17 4,4'-DDT

R.T.: 5.867 min
Delta R.T.: -0.008 min
Response: 116305189
Conc: 52.13 ng/ml



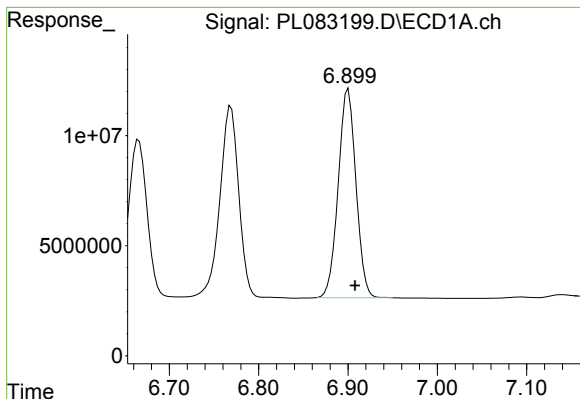
#18 Endrin aldehyde

R.T.: 6.664 min
Delta R.T.: -0.010 min
Response: 102708815
Conc: 51.08 ng/ml m



#18 Endrin aldehyde

R.T.: 5.944 min
Delta R.T.: -0.007 min
Response: 98871886
Conc: 50.00 ng/ml



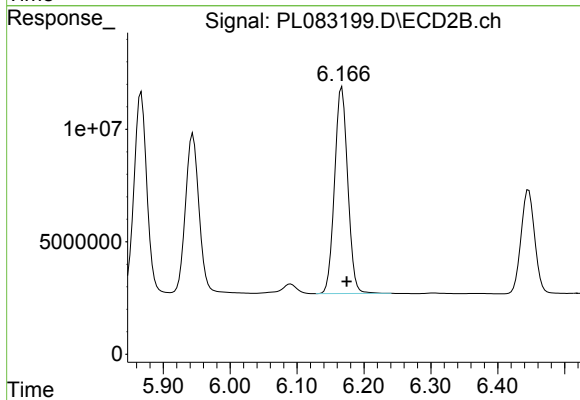
#19 Endosulfan Sulfate

R.T.: 6.900 min
Delta R.T.: -0.008 min
Response: 130623695
Conc: 50.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

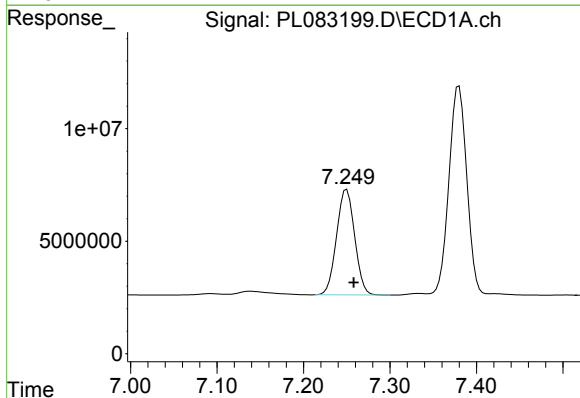
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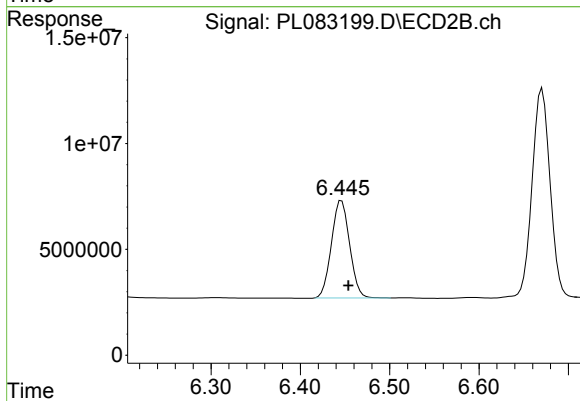
#19 Endosulfan Sulfate

R.T.: 6.167 min
Delta R.T.: -0.007 min
Response: 125132327
Conc: 51.10 ng/ml



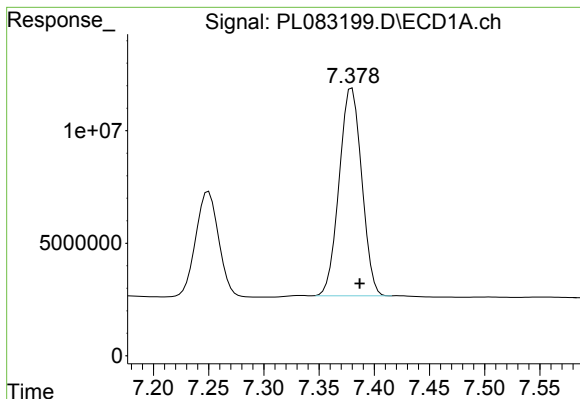
#20 Methoxychlor

R.T.: 7.250 min
Delta R.T.: -0.008 min
Response: 67790105
Conc: 51.26 ng/ml



#20 Methoxychlor

R.T.: 6.446 min
Delta R.T.: -0.008 min
Response: 65186978
Conc: 51.26 ng/ml



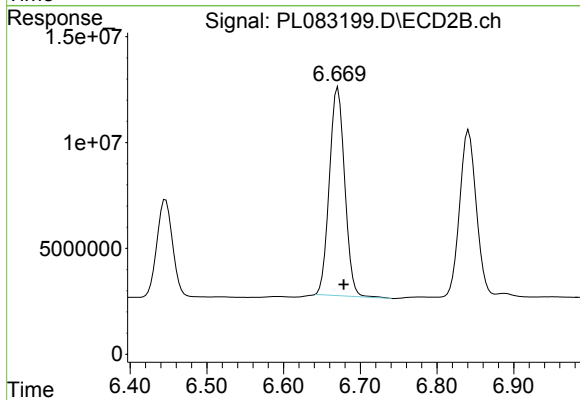
#21 Endrin ketone

R.T.: 7.380 min
Delta R.T.: -0.007 min
Response: 131426249
Conc: 51.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

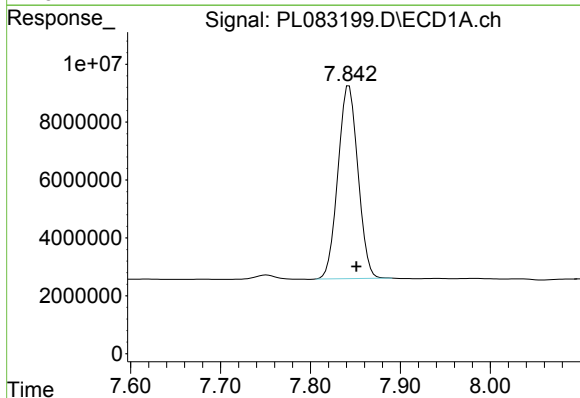
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/05/2023
Supervised By :Ankita Jodhani 06/05/2023



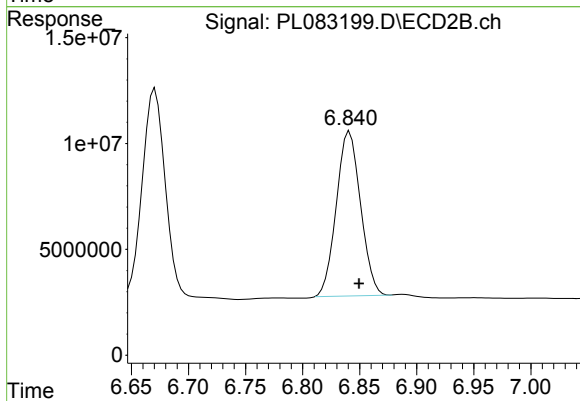
#21 Endrin ketone

R.T.: 6.671 min
Delta R.T.: -0.007 min
Response: 136431768
Conc: 50.46 ng/ml



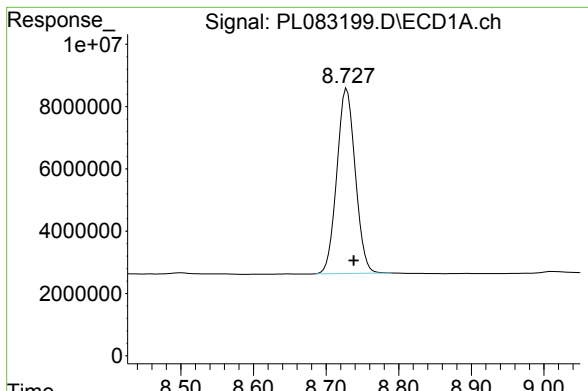
#22 Mirex

R.T.: 7.843 min
Delta R.T.: -0.008 min
Response: 103127075
Conc: 49.20 ng/ml



#22 Mirex

R.T.: 6.841 min
Delta R.T.: -0.008 min
Response: 114865091
Conc: 49.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: -0.010 min
Response: 104731883
Conc: 49.94 ng/ml

Instrument :

ECD_L

ClientSampleId :

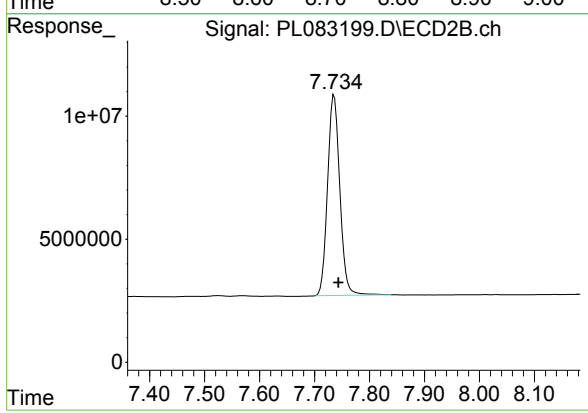
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.736 min
Delta R.T.: -0.008 min
Response: 126280944
Conc: 50.79 ng/ml