

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062023\
 Data File : PL083590.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2023 17:04
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/21/2023
 Supervised By :Ankita Jodhani 06/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 22:43:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061723.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 17 12:34:26 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...	3.452	2.752	107.6E6	119.4E6	48.676	51.266
28)	SA Decachlor...	8.990	7.960	100.1E6	121.9E6	52.527	49.614
Target Compounds							
2)	A alpha-BHC	3.909	3.262	154.5E6	173.3E6	49.616	51.338
3)	MA gamma-BHC...	4.243	3.595	142.9E6	183.1E6	50.139	57.027
4)	MA Heptachlor	4.834	3.942	134.9E6	164.7E6	48.781	53.218
5)	MB Aldrin	5.177	4.225	130.1E6	164.0E6	50.054	54.464
6)	B beta-BHC	4.441	3.897	64606727	77423426	49.937	51.879
7)	B delta-BHC	4.687	4.128	140.2E6	178.7E6	50.849	55.440
8)	B Heptachlo...	5.605	4.732	123.9E6	154.9E6	48.805	53.950m
9)	A Endosulfan I	5.990	5.106	113.2E6	141.7E6	50.802	52.583
10)	B gamma-Chl...	5.862	4.988	122.4E6	156.7E6	50.864	52.961
11)	B alpha-Chl...	5.942	5.052	120.9E6	155.8E6	51.055	52.680
12)	B 4,4'-DDE	6.121	5.249	107.2E6	142.4E6	53.116	55.725
13)	MA Dieldrin	6.267	5.374	117.0E6	154.7E6	52.099	55.156
14)	MA Endrin	6.495	5.650	97003672	132.7E6	54.964	57.499
15)	B Endosulfa...	6.716	5.947	98290280	124.6E6	52.661	52.495
16)	A 4,4'-DDD	6.638	5.808	98290711	131.9E6	57.567	59.831
17)	MA 4,4'-DDT	6.953	6.062	82224581	102.9E6	48.837	49.287
18)	B Endrin al...	6.845	6.129	78585820	98275364	53.013m	51.998
19)	B Endosulfa...	7.083	6.354	103.8E6	130.1E6	54.038	53.713
20)	A Methoxychlor	7.436	6.646	46693568	60067940	51.478	49.842
21)	B Endrin ke...	7.567	6.861	112.4E6	149.0E6	52.472	53.007
22)	Mirex	8.041	7.047	95825134	122.0E6	51.341	50.694

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062023\
Data File : PL083590.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jun 2023 17:04
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

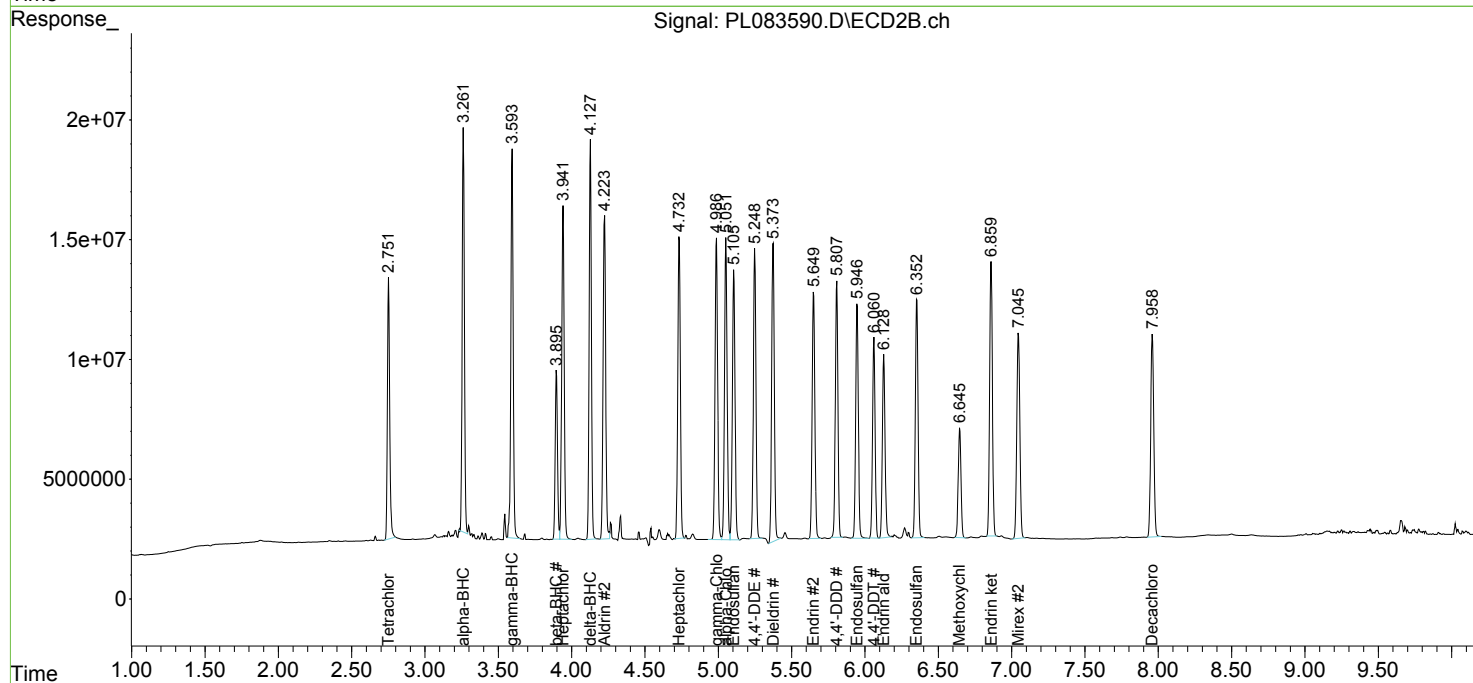
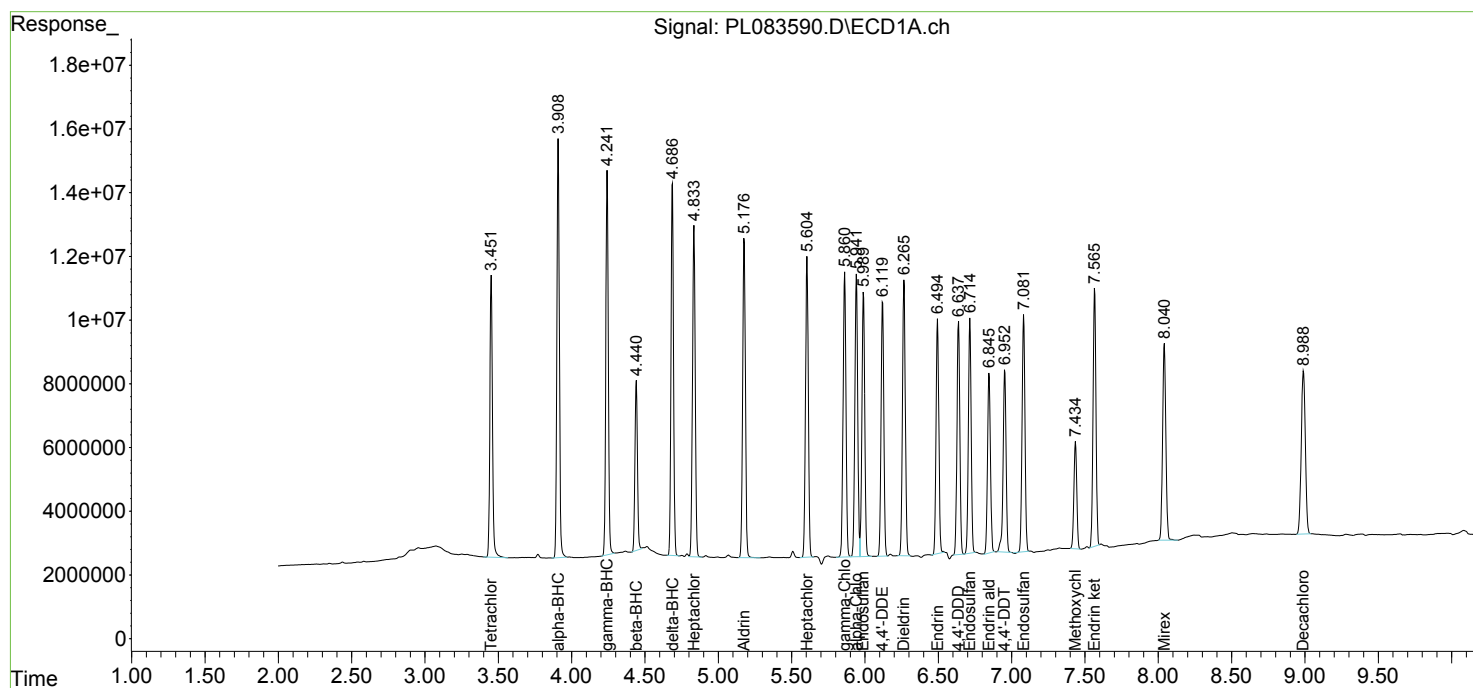
APPROVED

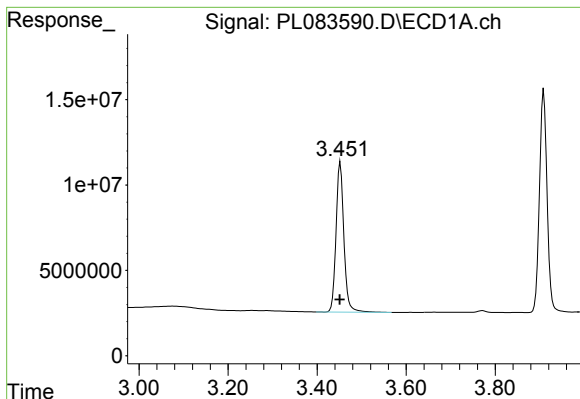
Reviewed By :Abdul Mirza 06/21/2023

Supervised By :Ankita Jodhani 06/21/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 20 22:43:49 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061723.M
Quant Title : GC Extractables
QLast Update : Sat Jun 17 12:34:26 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





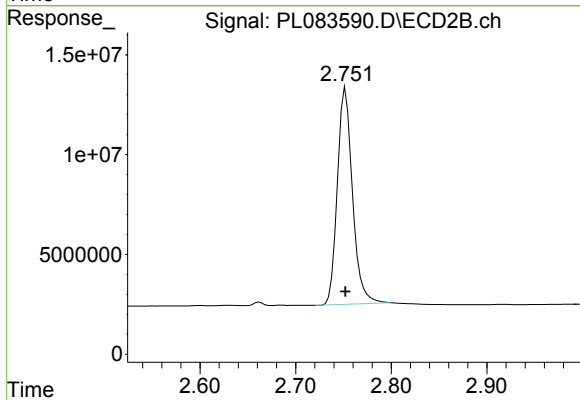
#1 Tetrachloro-m-xylene

R.T.: 3.452 min
Delta R.T.: 0.001 min
Response: 107589675
Conc: 48.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

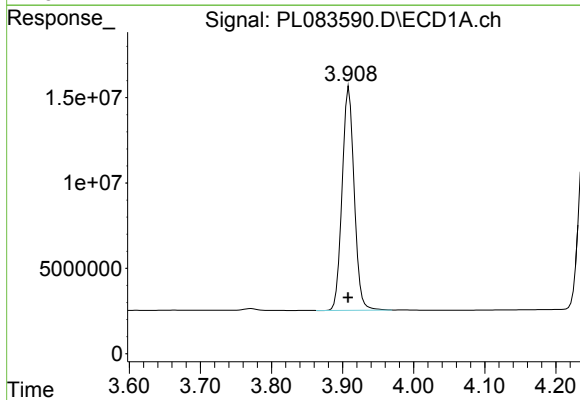
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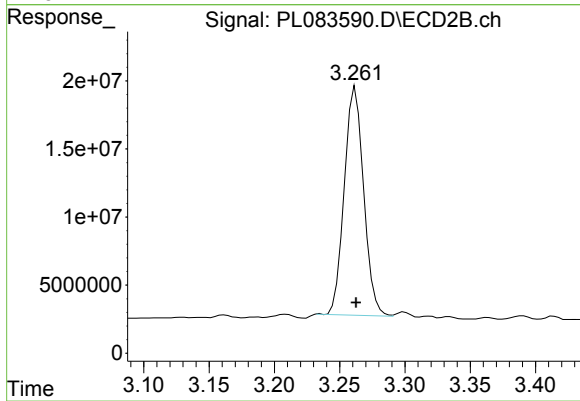
#1 Tetrachloro-m-xylene

R.T.: 2.752 min
Delta R.T.: 0.000 min
Response: 119416556
Conc: 51.27 ng/ml



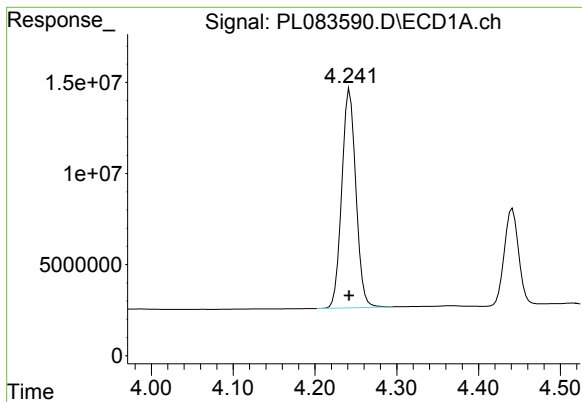
#2 alpha-BHC

R.T.: 3.909 min
Delta R.T.: 0.002 min
Response: 154475140
Conc: 49.62 ng/ml



#2 alpha-BHC

R.T.: 3.262 min
Delta R.T.: 0.000 min
Response: 173297985
Conc: 51.34 ng/ml



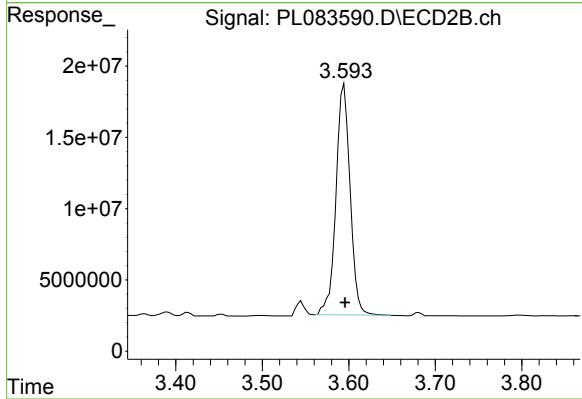
#3 gamma-BHC (Lindane)

R.T.: 4.243 min
Delta R.T.: 0.000 min
Response: 142933562
Conc: 50.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

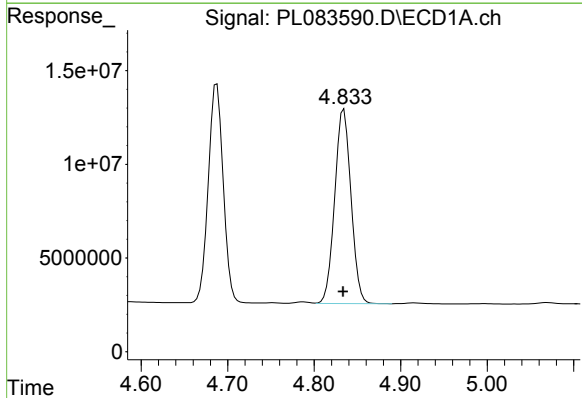
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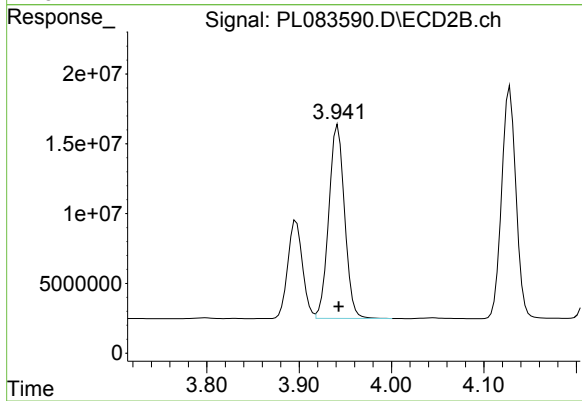
#3 gamma-BHC (Lindane)

R.T.: 3.595 min
Delta R.T.: -0.001 min
Response: 183090890
Conc: 57.03 ng/ml



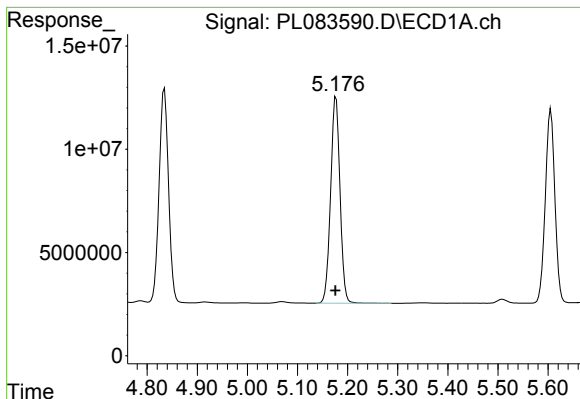
#4 Heptachlor

R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 134873955
Conc: 48.78 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: 0.000 min
Response: 164743647
Conc: 53.22 ng/ml



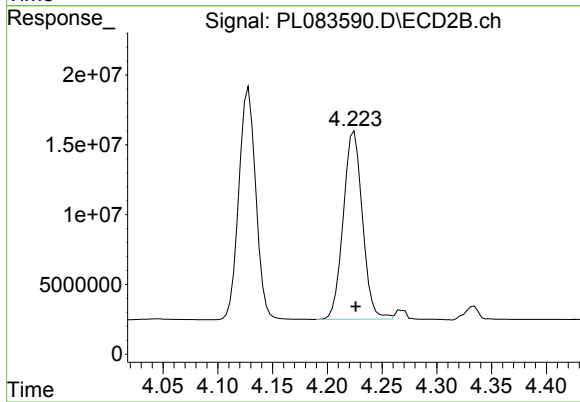
#5 Aldrin

R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 130083544
Conc: 50.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

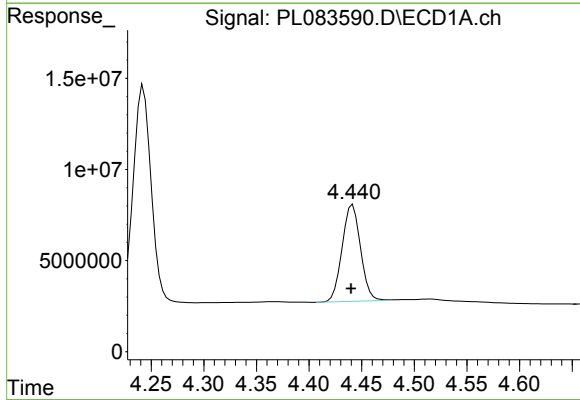
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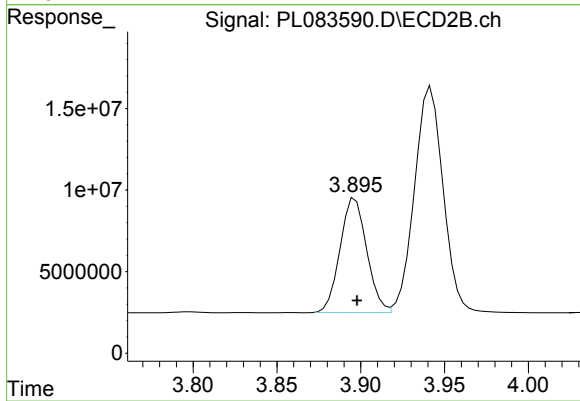
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: -0.001 min
Response: 163970084
Conc: 54.46 ng/ml



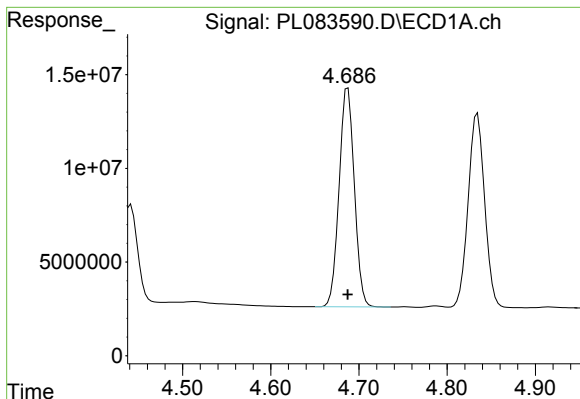
#6 beta-BHC

R.T.: 4.441 min
Delta R.T.: 0.001 min
Response: 64606727
Conc: 49.94 ng/ml



#6 beta-BHC

R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 77423426
Conc: 51.88 ng/ml



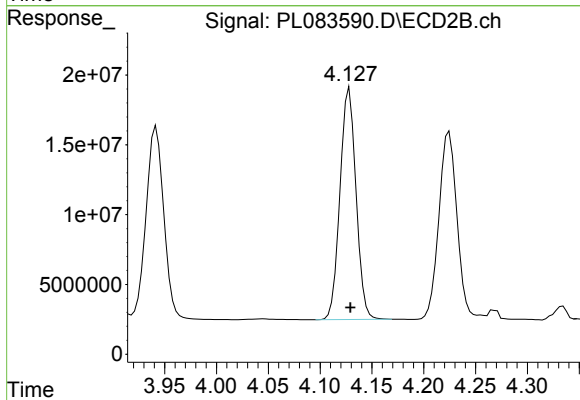
#7 delta-BHC

R.T.: 4.687 min
Delta R.T.: 0.000 min
Response: 140152700
Conc: 50.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

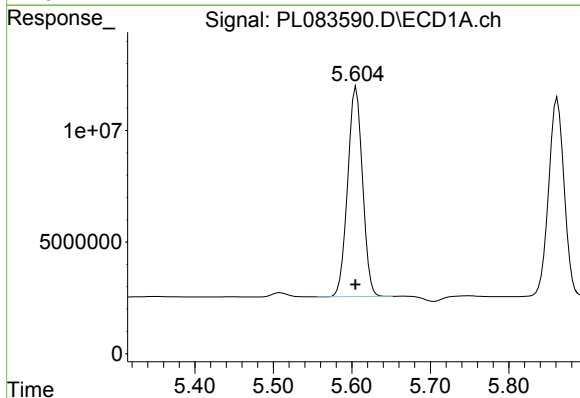
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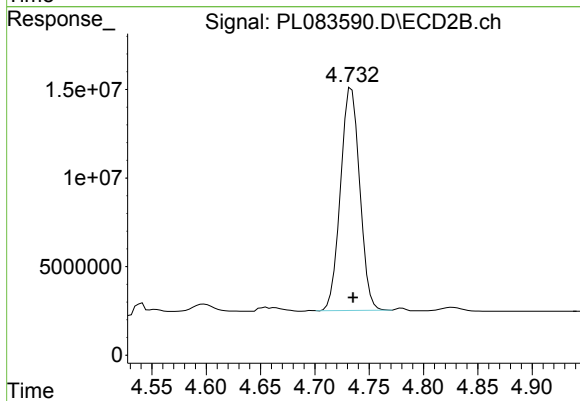
#7 delta-BHC

R.T.: 4.128 min
Delta R.T.: 0.000 min
Response: 178693924
Conc: 55.44 ng/ml



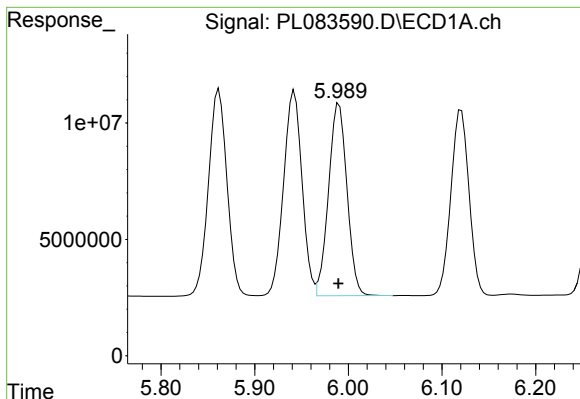
#8 Heptachlor epoxide

R.T.: 5.605 min
Delta R.T.: 0.000 min
Response: 123884464
Conc: 48.81 ng/ml



#8 Heptachlor epoxide

R.T.: 4.732 min
Delta R.T.: -0.003 min
Response: 154862206
Conc: 53.95 ng/ml m



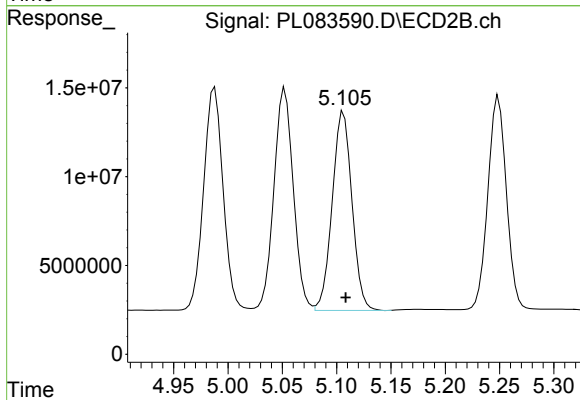
#9 Endosulfan I

R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 113198517
Conc: 50.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

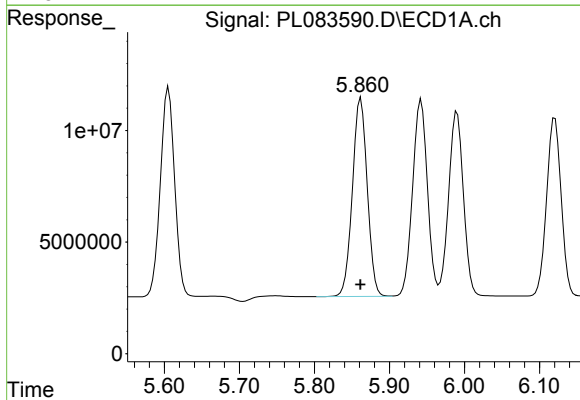
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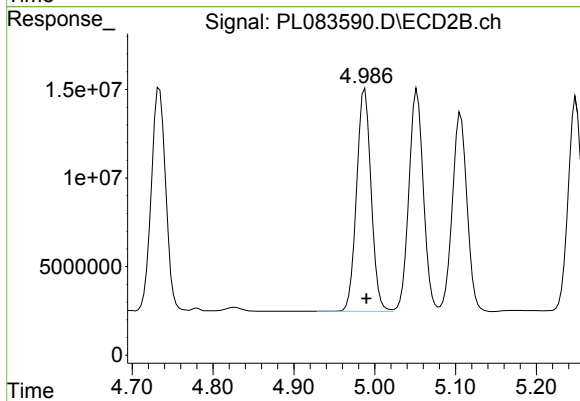
#9 Endosulfan I

R.T.: 5.106 min
Delta R.T.: -0.002 min
Response: 141713371
Conc: 52.58 ng/ml



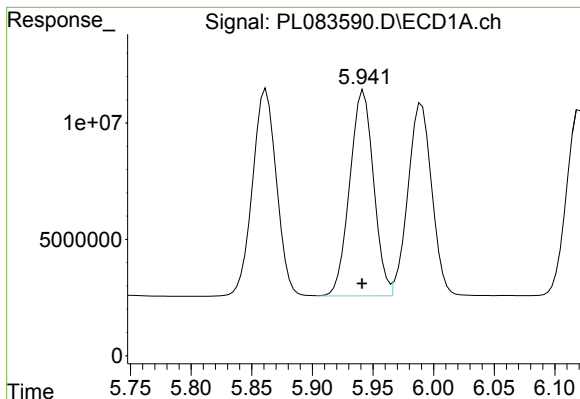
#10 gamma-Chlordane

R.T.: 5.862 min
Delta R.T.: 0.000 min
Response: 122360451
Conc: 50.86 ng/ml



#10 gamma-Chlordane

R.T.: 4.988 min
Delta R.T.: -0.002 min
Response: 156699367
Conc: 52.96 ng/ml



#11 alpha-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.001 min
Response: 120932271
Conc: 51.05 ng/ml

Instrument :

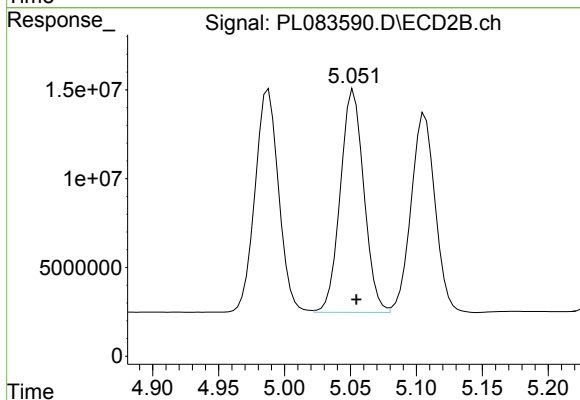
ECD_L

ClientSampleId :

PSTDCCC050

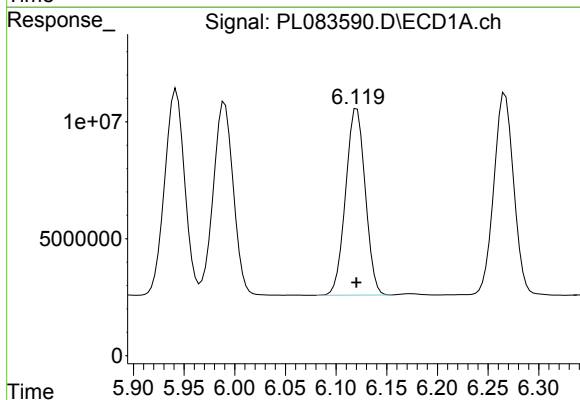
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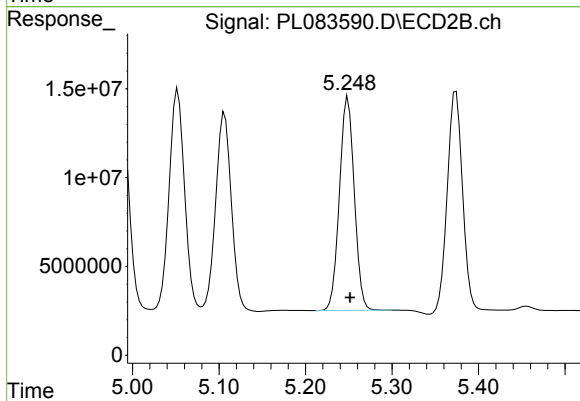
#11 alpha-Chlordane

R.T.: 5.052 min
Delta R.T.: -0.002 min
Response: 155840220
Conc: 52.68 ng/ml



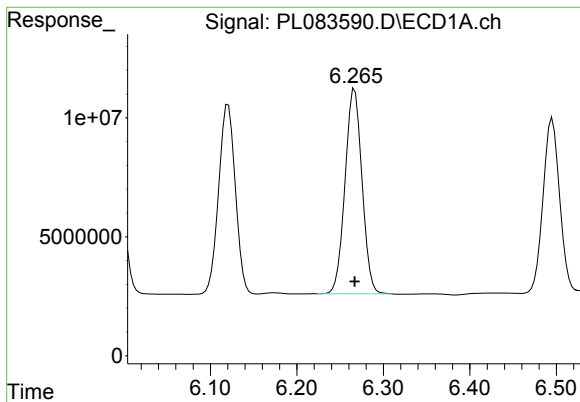
#12 4,4'-DDE

R.T.: 6.121 min
Delta R.T.: 0.000 min
Response: 107225453
Conc: 53.12 ng/ml



#12 4,4'-DDE

R.T.: 5.249 min
Delta R.T.: -0.002 min
Response: 142356975
Conc: 55.73 ng/ml



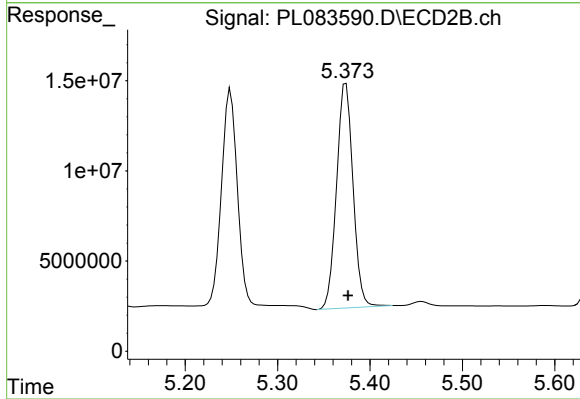
#13 Dieldrin

R.T.: 6.267 min
Delta R.T.: 0.000 min
Response: 116985606
Conc: 52.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

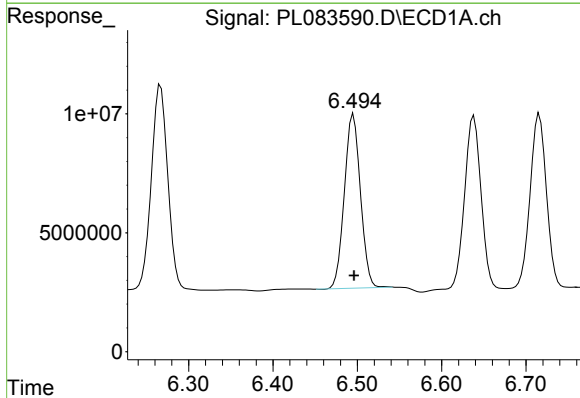
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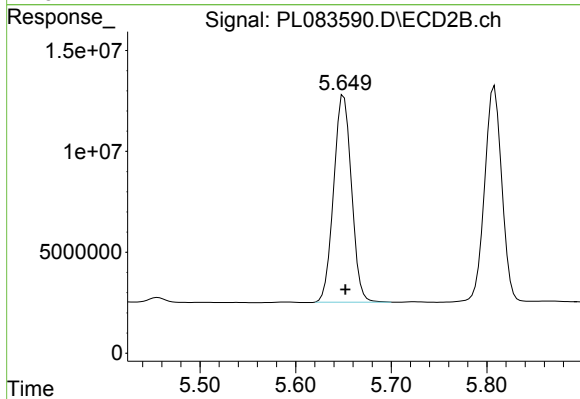
#13 Dieldrin

R.T.: 5.374 min
Delta R.T.: -0.002 min
Response: 154668344
Conc: 55.16 ng/ml



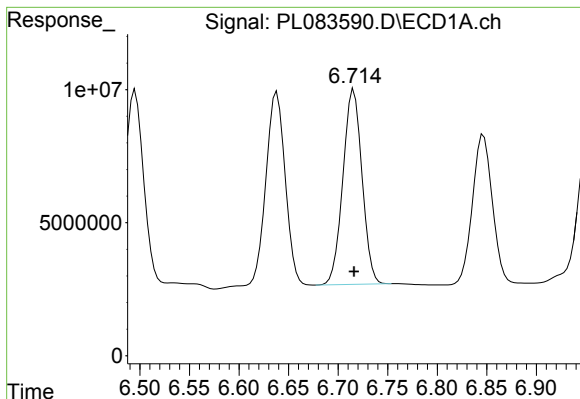
#14 Endrin

R.T.: 6.495 min
Delta R.T.: 0.000 min
Response: 97003672
Conc: 54.96 ng/ml



#14 Endrin

R.T.: 5.650 min
Delta R.T.: -0.002 min
Response: 132713160
Conc: 57.50 ng/ml



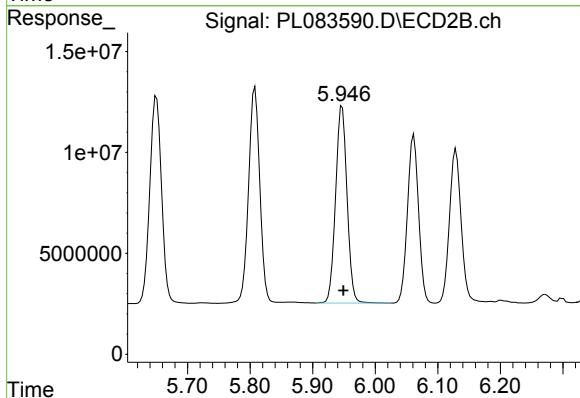
#15 Endosulfan II

R.T.: 6.716 min
Delta R.T.: 0.000 min
Response: 98290280
Conc: 52.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

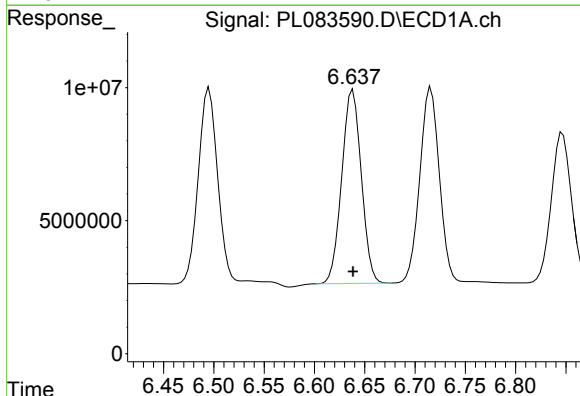
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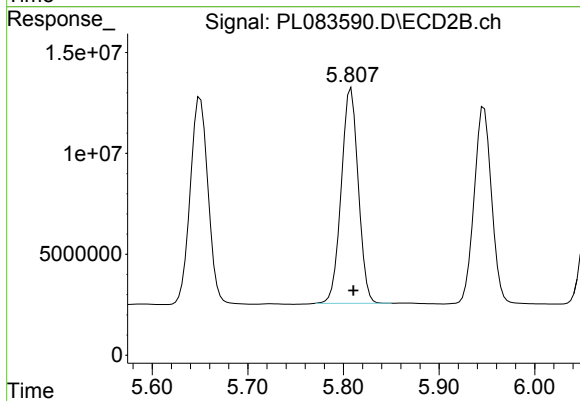
#15 Endosulfan II

R.T.: 5.947 min
Delta R.T.: -0.002 min
Response: 124605970
Conc: 52.49 ng/ml



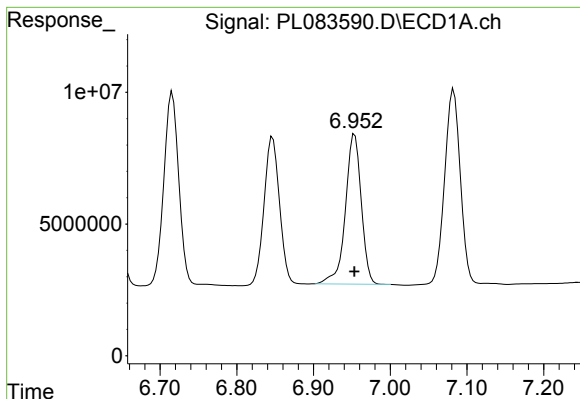
#16 4,4'-DDD

R.T.: 6.638 min
Delta R.T.: 0.000 min
Response: 98290711
Conc: 57.57 ng/ml



#16 4,4'-DDD

R.T.: 5.808 min
Delta R.T.: -0.003 min
Response: 131937241
Conc: 59.83 ng/ml



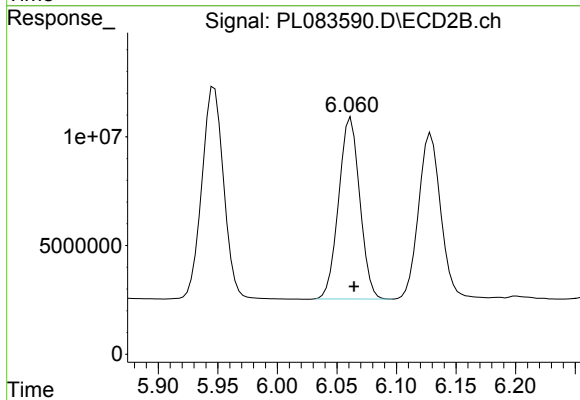
#17 4,4'-DDT

R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 82224581
Conc: 48.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

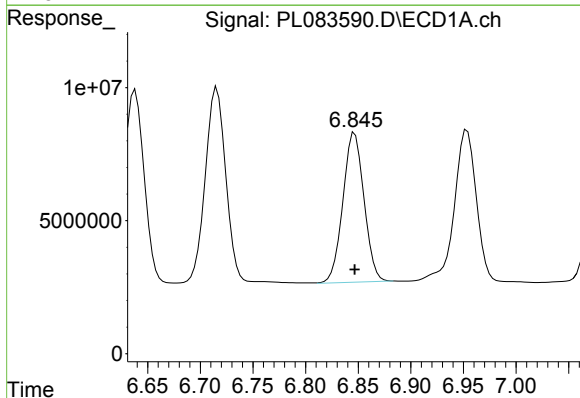
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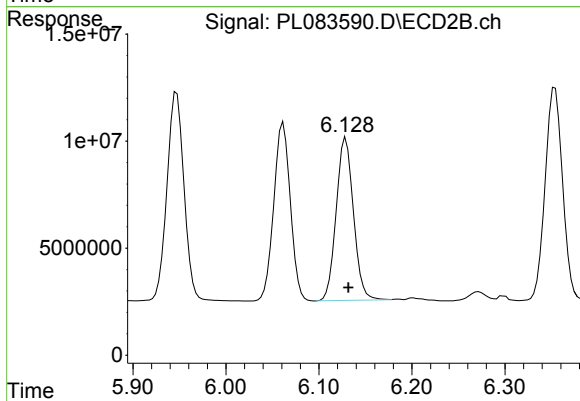
#17 4,4'-DDT

R.T.: 6.062 min
Delta R.T.: -0.003 min
Response: 102902877
Conc: 49.29 ng/ml



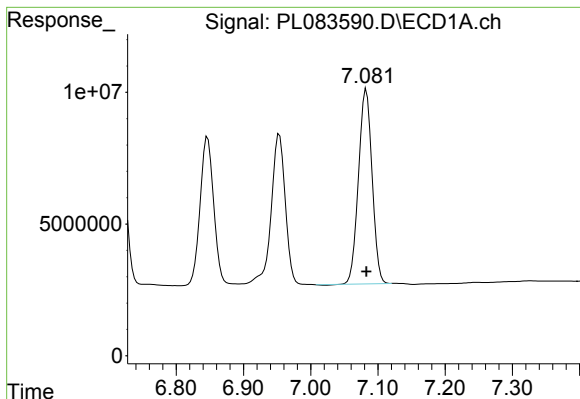
#18 Endrin aldehyde

R.T.: 6.845 min
Delta R.T.: -0.001 min
Response: 78585820
Conc: 53.01 ng/ml m



#18 Endrin aldehyde

R.T.: 6.129 min
Delta R.T.: -0.003 min
Response: 98275364
Conc: 52.00 ng/ml



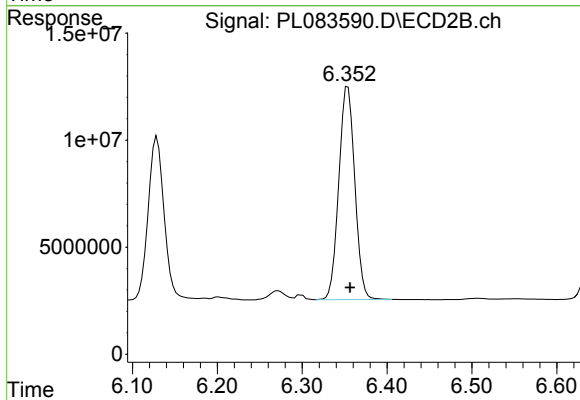
#19 Endosulfan Sulfate

R.T.: 7.083 min
Delta R.T.: 0.000 min
Response: 103776182
Conc: 54.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

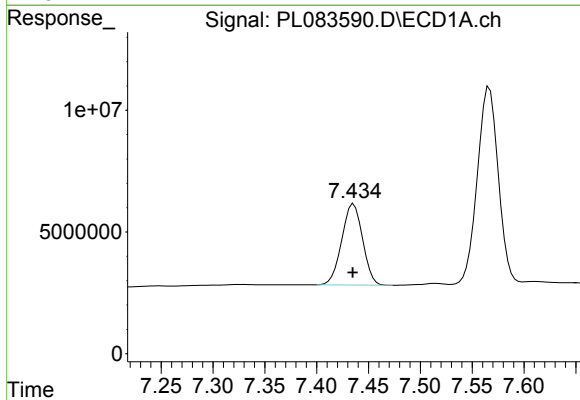
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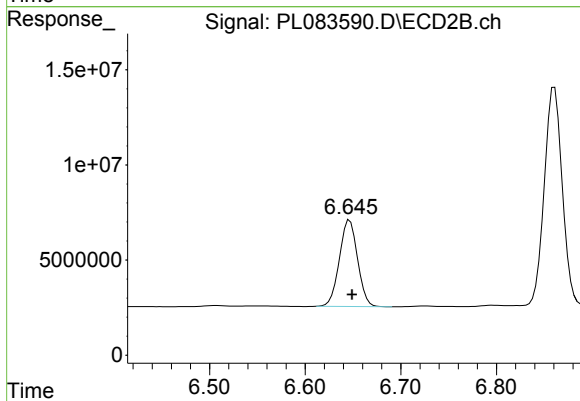
#19 Endosulfan Sulfate

R.T.: 6.354 min
Delta R.T.: -0.003 min
Response: 130075670
Conc: 53.71 ng/ml



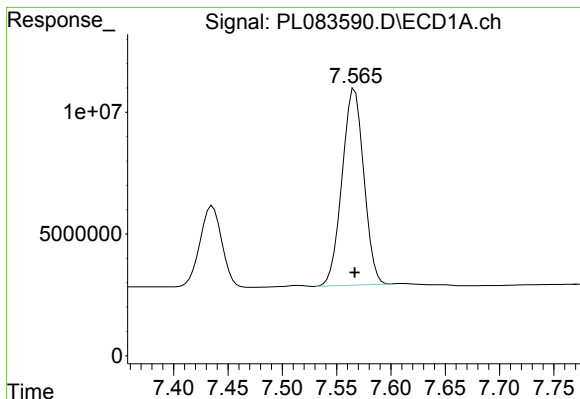
#20 Methoxychlor

R.T.: 7.436 min
Delta R.T.: 0.000 min
Response: 46693568
Conc: 51.48 ng/ml



#20 Methoxychlor

R.T.: 6.646 min
Delta R.T.: -0.003 min
Response: 60067940
Conc: 49.84 ng/ml



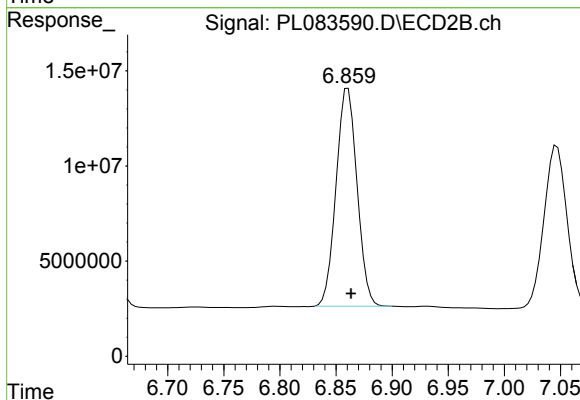
#21 Endrin ketone

R.T.: 7.567 min
Delta R.T.: 0.000 min
Response: 112425406
Conc: 52.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

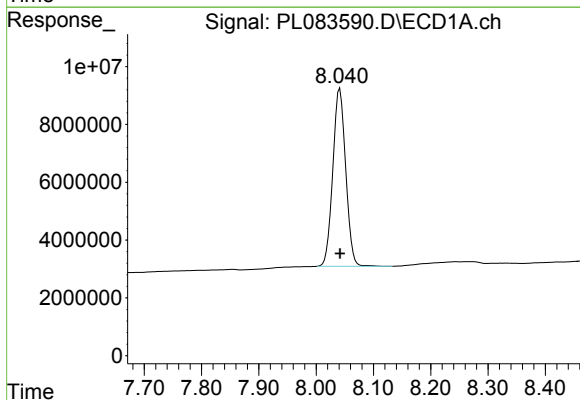
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Reviewed By :Abdul Mirza 06/21/2023
Supervised By :Ankita Jodhani 06/21/2023



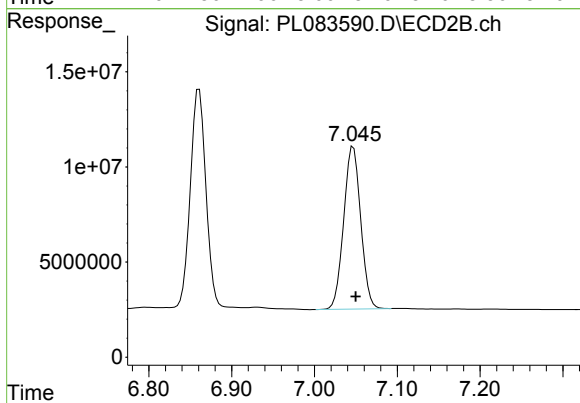
#21 Endrin ketone

R.T.: 6.861 min
Delta R.T.: -0.003 min
Response: 149023902
Conc: 53.01 ng/ml



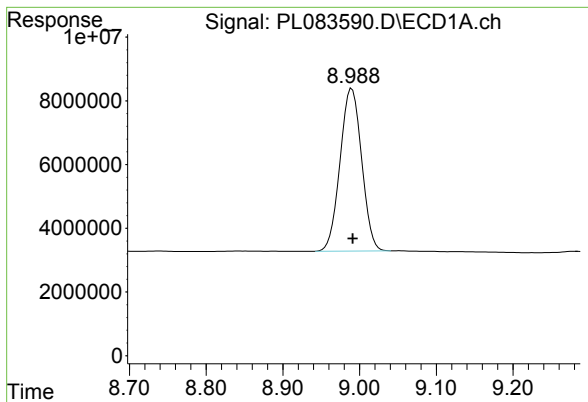
#22 Mirex

R.T.: 8.041 min
Delta R.T.: 0.000 min
Response: 95825134
Conc: 51.34 ng/ml



#22 Mirex

R.T.: 7.047 min
Delta R.T.: -0.003 min
Response: 121996847
Conc: 50.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.990 min
Delta R.T.: 0.000 min
Response: 100092080
Conc: 52.53 ng/ml

Instrument :

ECD_L

ClientSampleId :

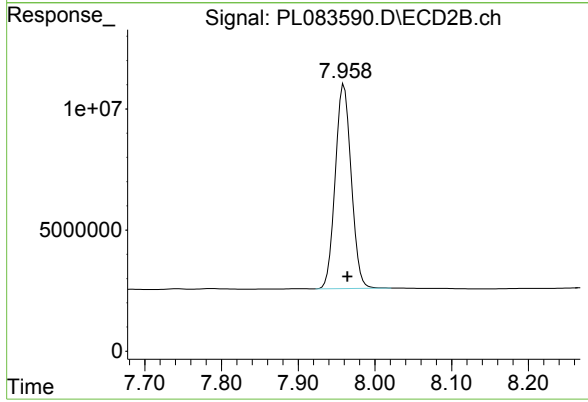
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 06/21/2023

Supervised By :Ankita Jodhani 06/21/2023



#28 Decachlorobiphenyl

R.T.: 7.960 min
Delta R.T.: -0.004 min
Response: 121857300
Conc: 49.61 ng/ml