

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050823\
 Data File : PL082585.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 May 2023 17:49
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/09/2023
 Supervised By : Ankita Jodhani 05/09/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 21:02:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.319	2.642	135.3E6	123.2E6	50.636	53.171
28)	SA Decachlor...	8.738	7.752	98174373	115.6E6	51.425	50.640
Target Compounds							
2)	A alpha-BHC	3.769	3.139	207.6E6	182.7E6	52.169	53.682
3)	MA gamma-BHC...	4.097	3.466	194.4E6	168.6E6	51.997	52.444
4)	MA Heptachlor	4.675	3.798	184.8E6	173.4E6	50.587	50.663
5)	MB Aldrin	5.012	4.075	171.9E6	170.4E6	52.121	54.087
6)	B beta-BHC	4.300	3.766	84574930	69676215	49.590	51.067
7)	B delta-BHC	4.542	3.992	189.7E6	167.5E6	52.729	54.604
8)	B Heptachlo...	5.438	4.575	157.2E6	149.7E6	51.550	51.954
9)	A Endosulfan I	5.819	4.943	146.1E6	140.9E6	52.695	52.779
10)	B gamma-Chl...	5.693	4.824	163.1E6	153.0E6	54.232	52.725
11)	B alpha-Chl...	5.771	4.887	157.3E6	152.1E6	52.706	52.400
12)	B 4,4'-DDE	5.950	5.078	137.4E6	129.9E6	54.044	56.511
13)	MA Dieldrin	6.094	5.207	146.0E6	140.8E6	52.915	52.131
14)	MA Endrin	6.321	5.481	123.7E6	122.1E6	51.001	49.900
15)	B Endosulfa...	6.543	5.778	119.8E6	120.0E6	49.202	53.216
16)	A 4,4'-DDD	6.465	5.633	114.2E6	108.6E6	56.328	58.064
17)	MA 4,4'-DDT	6.777	5.881	112.9E6	108.6E6	49.357	51.384
18)	B Endrin al...	6.673	5.958	97411333	96599802	51.700	51.620
19)	B Endosulfa...	6.907	6.181	125.0E6	124.5E6	52.689	52.896
20)	A Methoxychlor	7.257	6.460	59504263	57075671	48.761	47.099
21)	B Endrin ke...	7.387	6.684	130.4E6	139.6E6	54.444	54.993m
22)	Mirex	7.851	6.855	99736233	117.8E6	50.982	51.104m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050823\
Data File : PL082585.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 May 2023 17:49
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

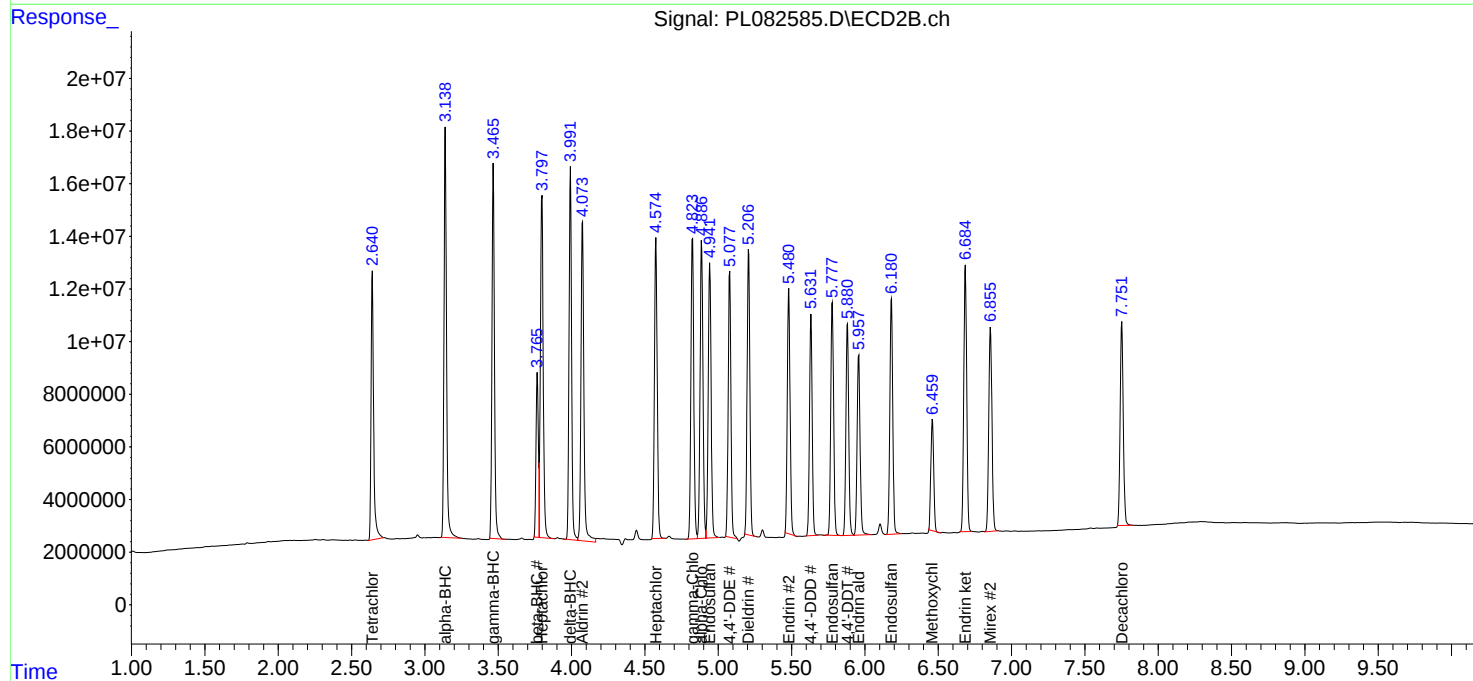
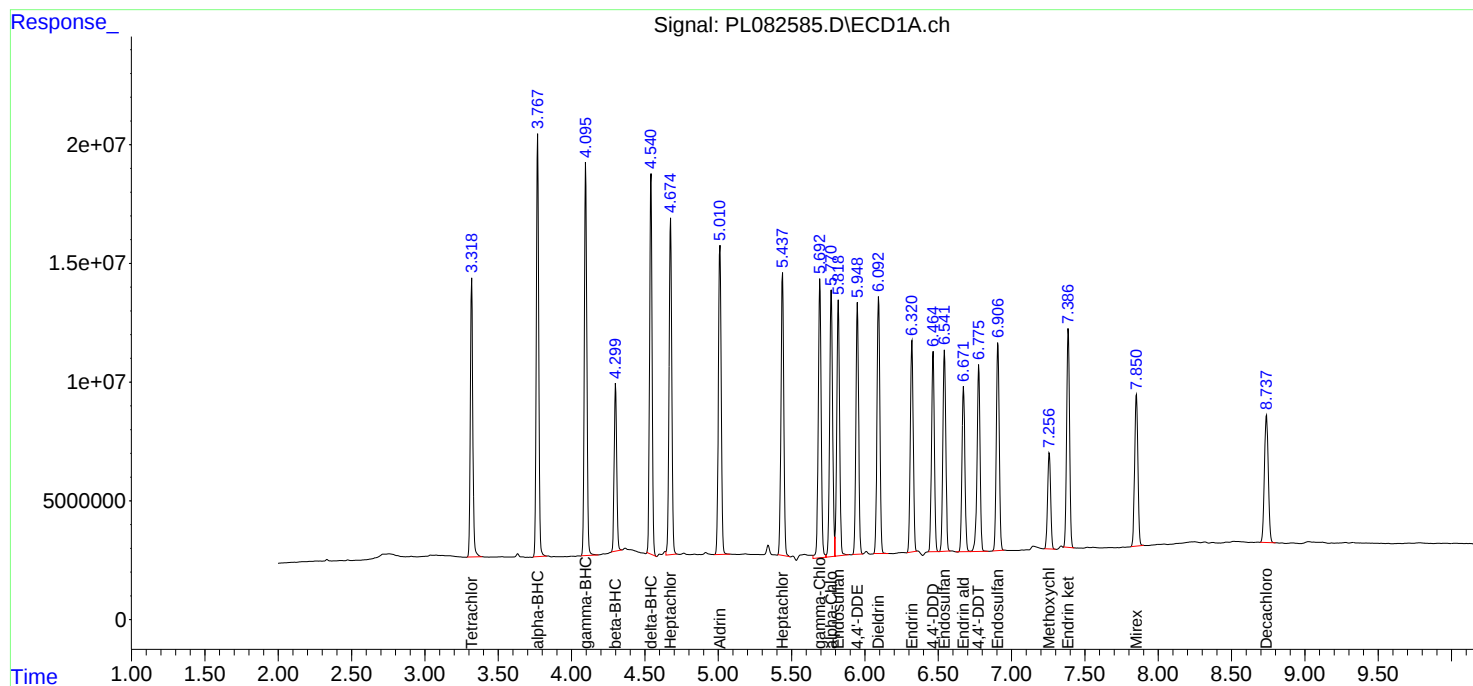
APPROVED

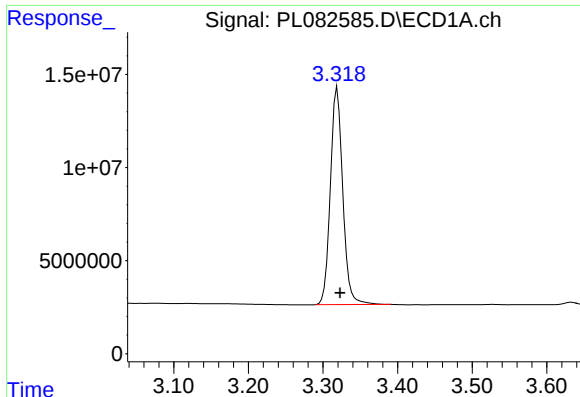
Reviewed By :Abdul Mirza 05/09/2023

Supervised By :Ankita Jodhani 05/09/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 08 21:02:35 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 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





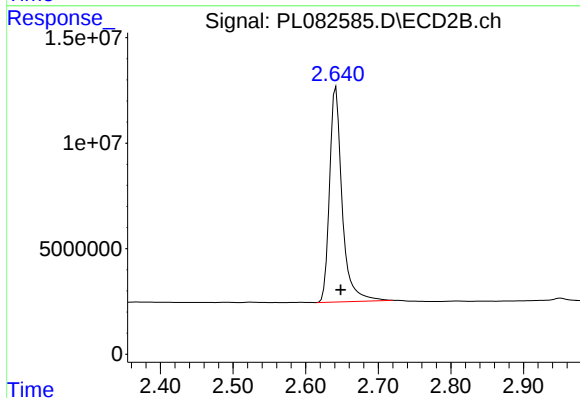
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.004 min
Response: 135260615
Conc: 50.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

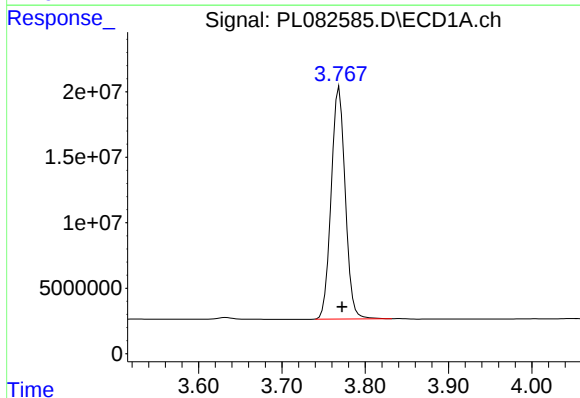
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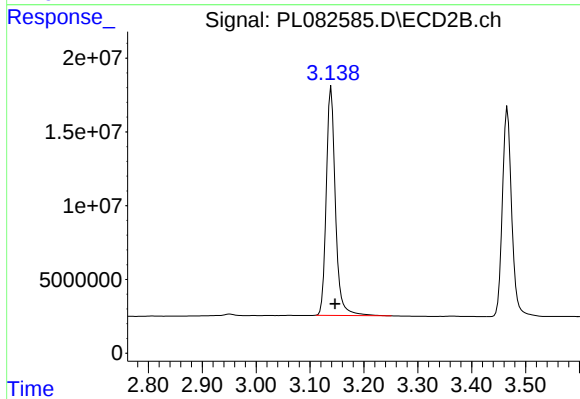
#1 Tetrachloro-m-xylene

R.T.: 2.642 min
Delta R.T.: -0.006 min
Response: 123183657
Conc: 53.17 ng/ml



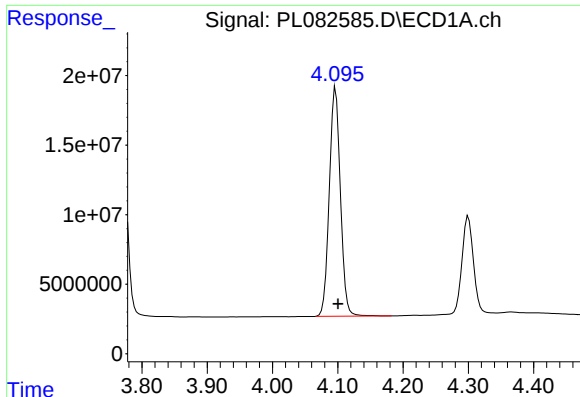
#2 alpha-BHC

R.T.: 3.769 min
Delta R.T.: -0.003 min
Response: 207645729
Conc: 52.17 ng/ml



#2 alpha-BHC

R.T.: 3.139 min
Delta R.T.: -0.007 min
Response: 182704547
Conc: 53.68 ng/ml



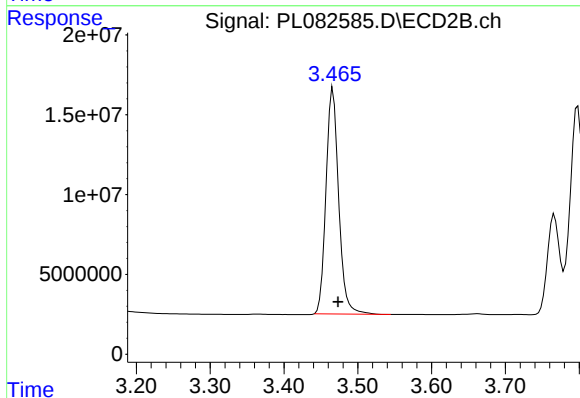
#3 gamma-BHC (Lindane)

R.T.: 4.097 min
Delta R.T.: -0.004 min
Response: 194412626
Conc: 52.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

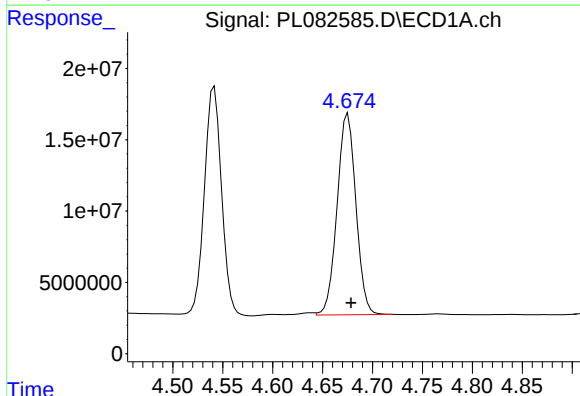
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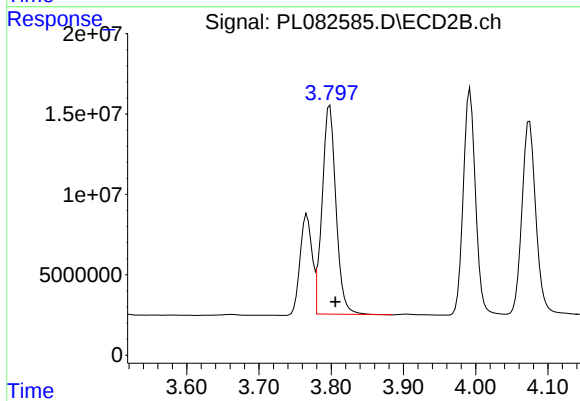
#3 gamma-BHC (Lindane)

R.T.: 3.466 min
Delta R.T.: -0.007 min
Response: 168621338
Conc: 52.44 ng/ml



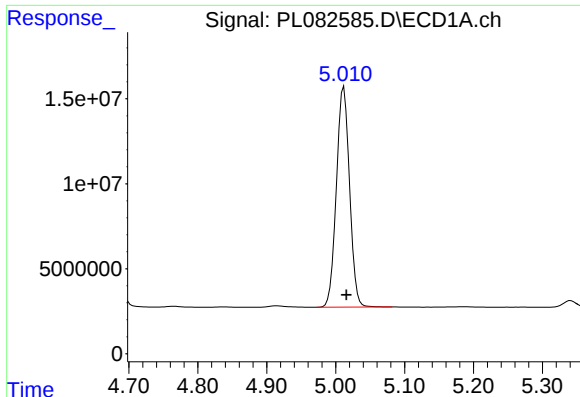
#4 Heptachlor

R.T.: 4.675 min
Delta R.T.: -0.003 min
Response: 184839763
Conc: 50.59 ng/ml



#4 Heptachlor

R.T.: 3.798 min
Delta R.T.: -0.008 min
Response: 173432947
Conc: 50.66 ng/ml



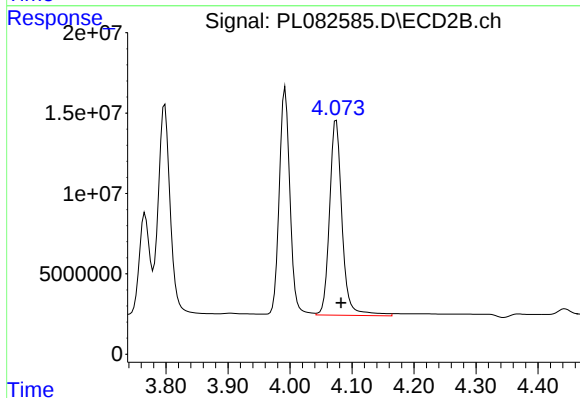
#5 Aldrin

R.T.: 5.012 min
Delta R.T.: -0.004 min
Response: 171873469
Conc: 52.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

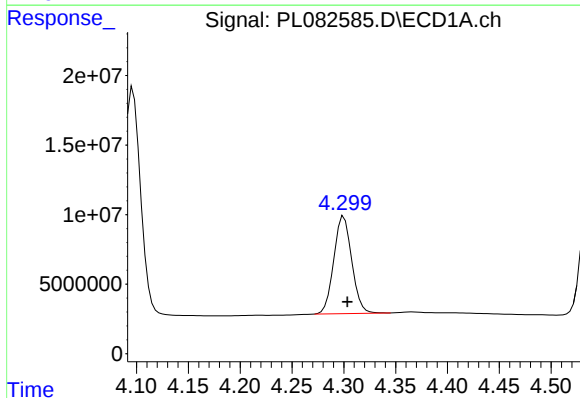
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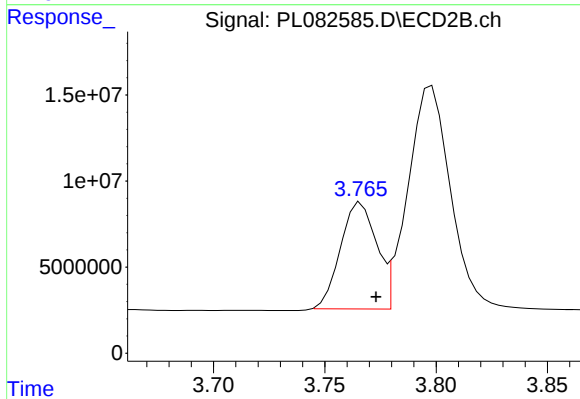
#5 Aldrin

R.T.: 4.075 min
Delta R.T.: -0.008 min
Response: 170365887
Conc: 54.09 ng/ml



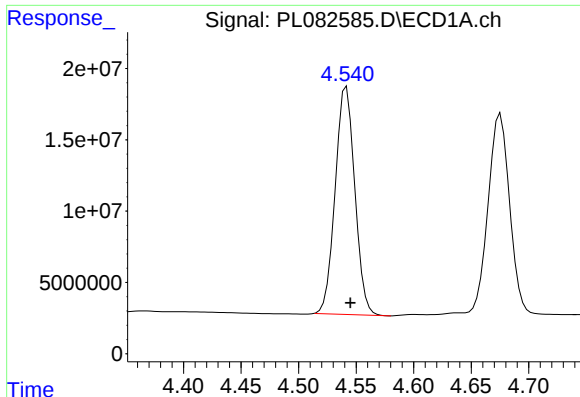
#6 beta-BHC

R.T.: 4.300 min
Delta R.T.: -0.004 min
Response: 84574930
Conc: 49.59 ng/ml



#6 beta-BHC

R.T.: 3.766 min
Delta R.T.: -0.007 min
Response: 69676215
Conc: 51.07 ng/ml



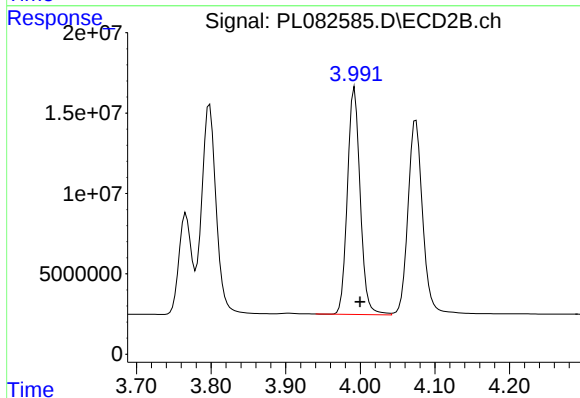
#7 delta-BHC

R.T.: 4.542 min
Delta R.T.: -0.004 min
Response: 189706915
Conc: 52.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

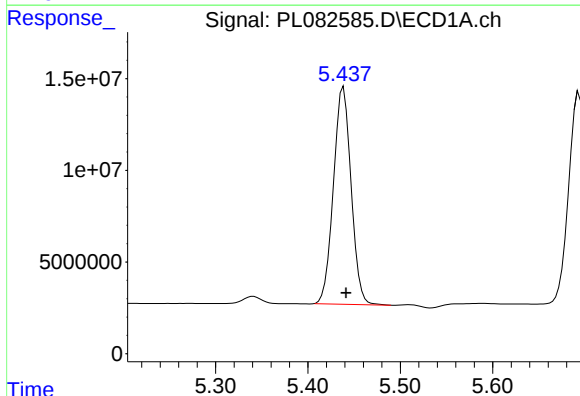
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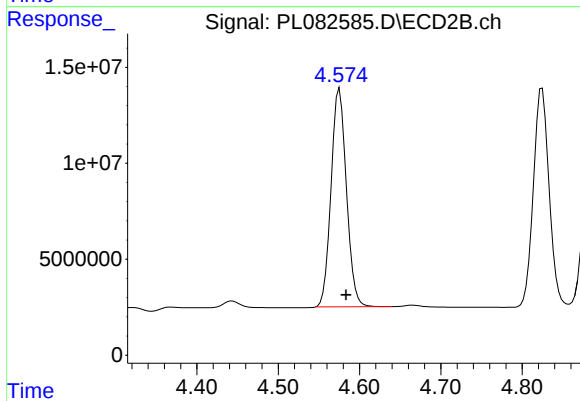
#7 delta-BHC

R.T.: 3.992 min
Delta R.T.: -0.007 min
Response: 167490514
Conc: 54.60 ng/ml



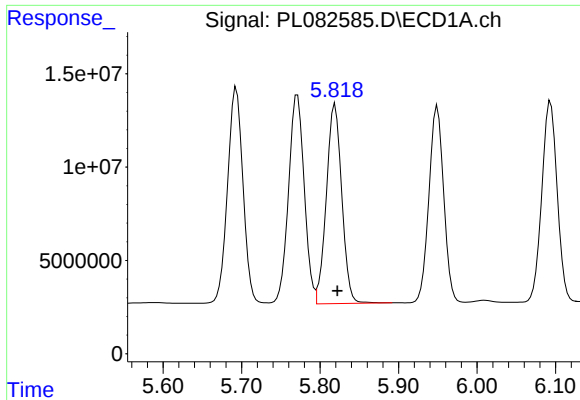
#8 Heptachlor epoxide

R.T.: 5.438 min
Delta R.T.: -0.003 min
Response: 157244124
Conc: 51.55 ng/ml



#8 Heptachlor epoxide

R.T.: 4.575 min
Delta R.T.: -0.008 min
Response: 149672891
Conc: 51.95 ng/ml



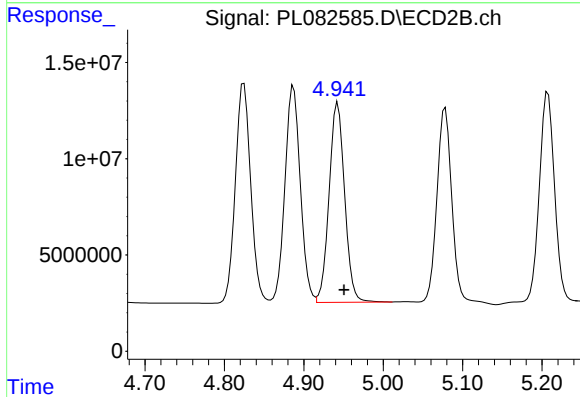
#9 Endosulfan I

R.T.: 5.819 min
Delta R.T.: -0.003 min
Response: 146109789
Conc: 52.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

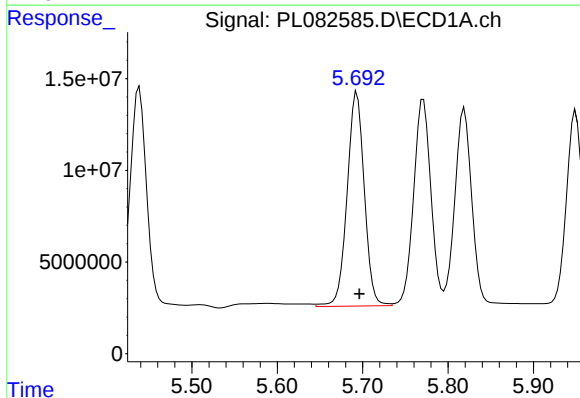
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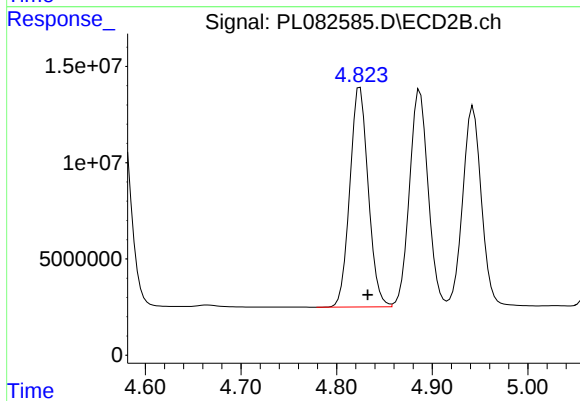
#9 Endosulfan I

R.T.: 4.943 min
Delta R.T.: -0.008 min
Response: 140891478
Conc: 52.78 ng/ml



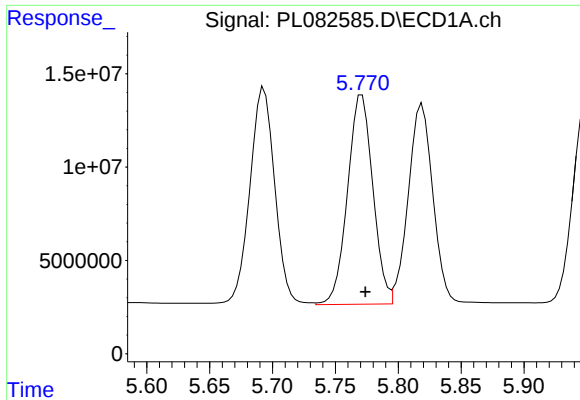
#10 gamma-Chlordane

R.T.: 5.693 min
Delta R.T.: -0.003 min
Response: 163068592
Conc: 54.23 ng/ml



#10 gamma-Chlordane

R.T.: 4.824 min
Delta R.T.: -0.008 min
Response: 153000795
Conc: 52.73 ng/ml



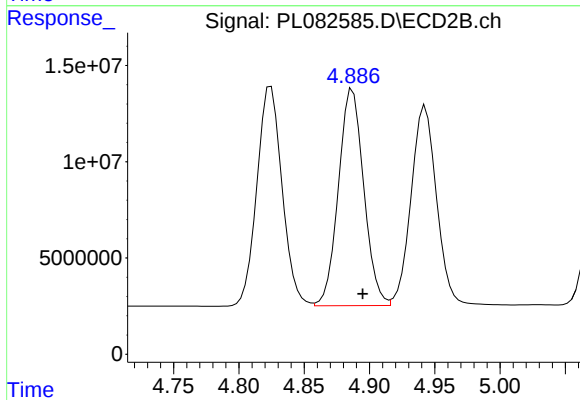
#11 alpha-Chlordane

R.T.: 5.771 min
Delta R.T.: -0.003 min
Response: 157305302
Conc: 52.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

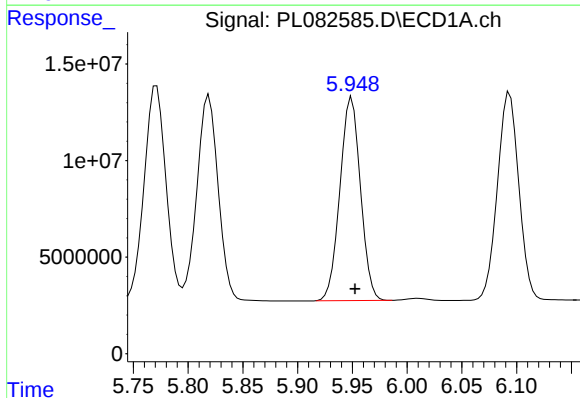
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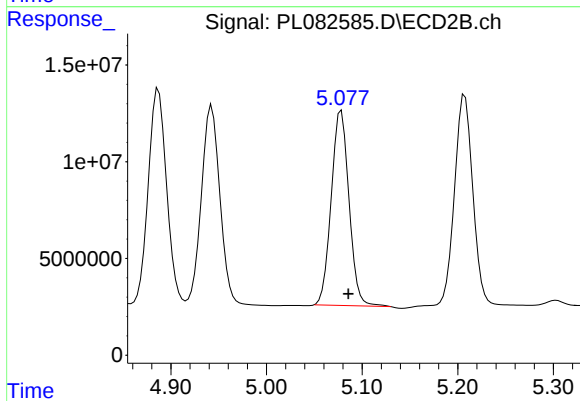
#11 alpha-Chlordane

R.T.: 4.887 min
Delta R.T.: -0.008 min
Response: 152108178
Conc: 52.40 ng/ml



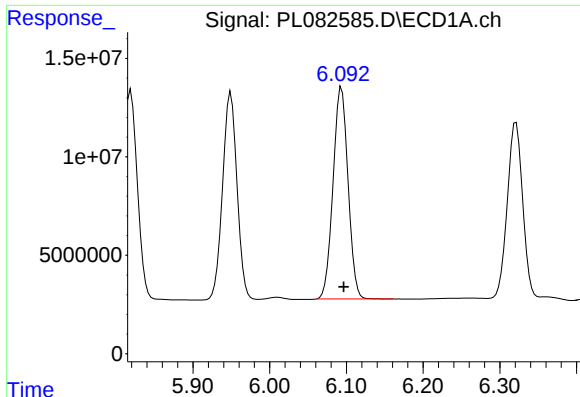
#12 4,4'-DDE

R.T.: 5.950 min
Delta R.T.: -0.003 min
Response: 137380919
Conc: 54.04 ng/ml



#12 4,4'-DDE

R.T.: 5.078 min
Delta R.T.: -0.007 min
Response: 129915585
Conc: 56.51 ng/ml



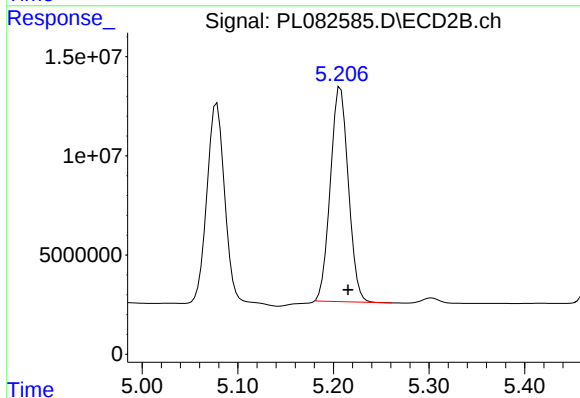
#13 Dieldrin

R.T.: 6.094 min
Delta R.T.: -0.003 min
Response: 145998842
Conc: 52.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

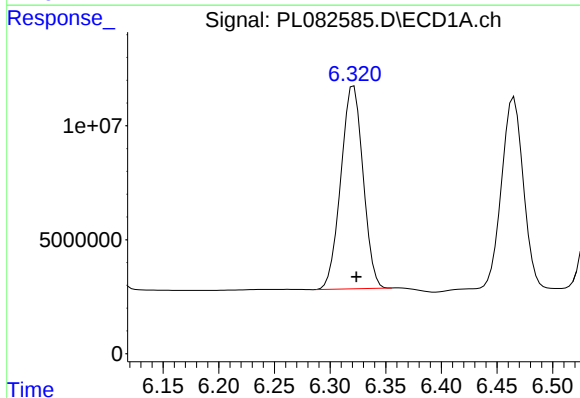
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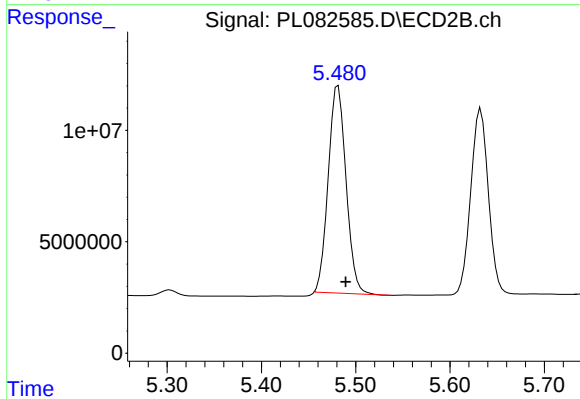
#13 Dieldrin

R.T.: 5.207 min
Delta R.T.: -0.008 min
Response: 140774370
Conc: 52.13 ng/ml



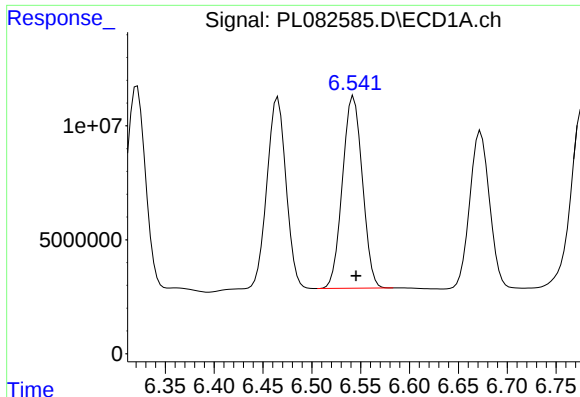
#14 Endrin

R.T.: 6.321 min
Delta R.T.: -0.002 min
Response: 123653664
Conc: 51.00 ng/ml



#14 Endrin

R.T.: 5.481 min
Delta R.T.: -0.008 min
Response: 122053341
Conc: 49.90 ng/ml



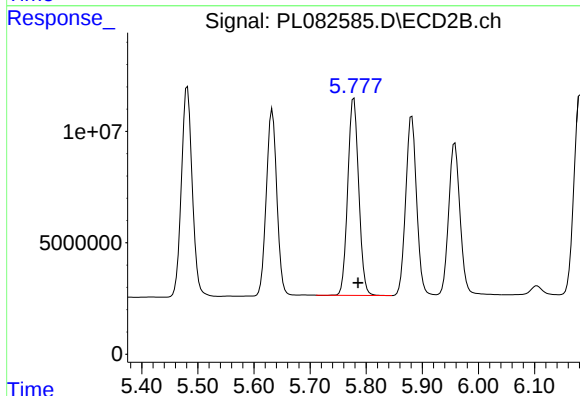
#15 Endosulfan II

R.T.: 6.543 min
Delta R.T.: -0.003 min
Response: 119784367
Conc: 49.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

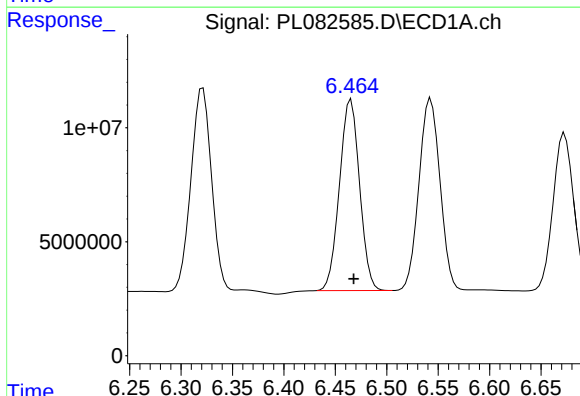
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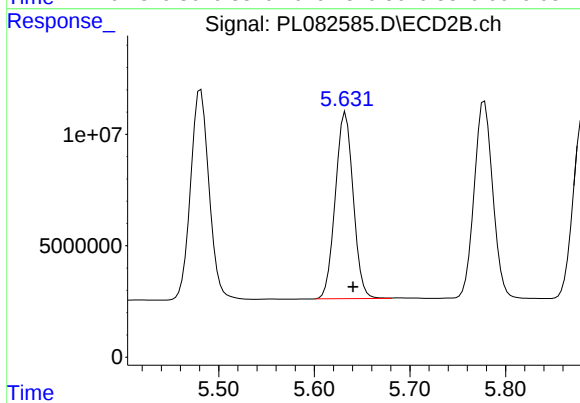
#15 Endosulfan II

R.T.: 5.778 min
Delta R.T.: -0.008 min
Response: 119954836
Conc: 53.22 ng/ml



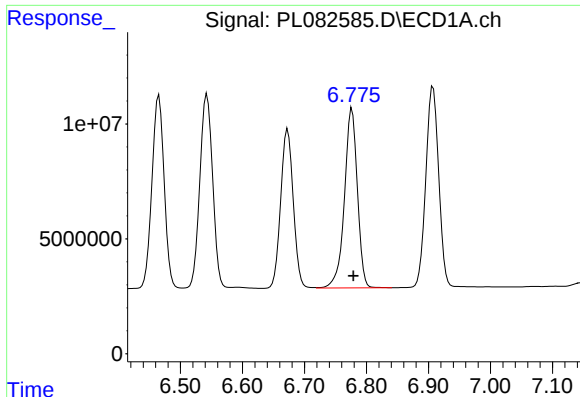
#16 4,4'-DDD

R.T.: 6.465 min
Delta R.T.: -0.003 min
Response: 114187438
Conc: 56.33 ng/ml



#16 4,4'-DDD

R.T.: 5.633 min
Delta R.T.: -0.008 min
Response: 108602989
Conc: 58.06 ng/ml



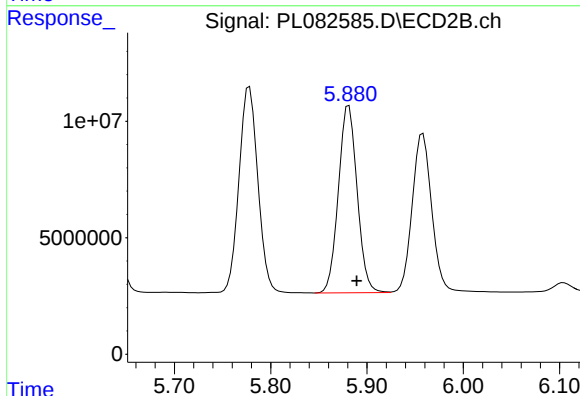
#17 4,4'-DDT

R.T.: 6.777 min
Delta R.T.: -0.002 min
Response: 112915117
Conc: 49.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

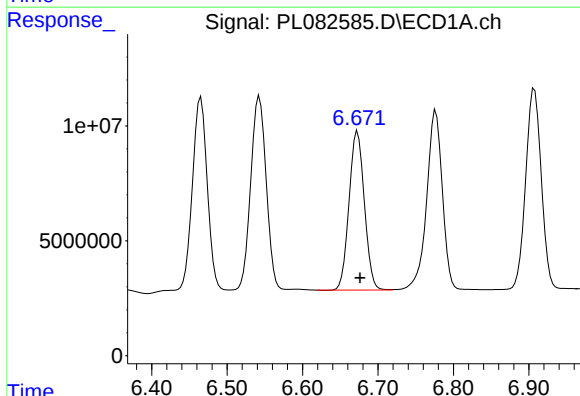
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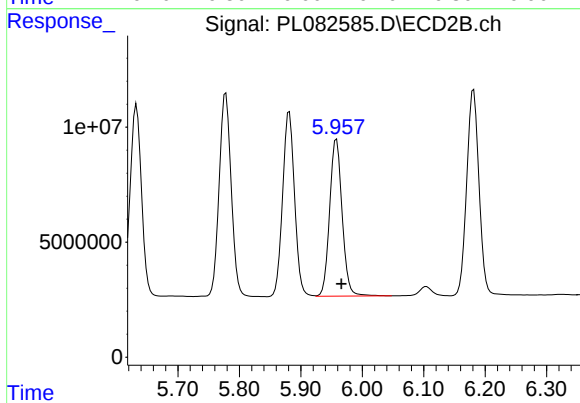
#17 4,4'-DDT

R.T.: 5.881 min
Delta R.T.: -0.008 min
Response: 108552733
Conc: 51.38 ng/ml



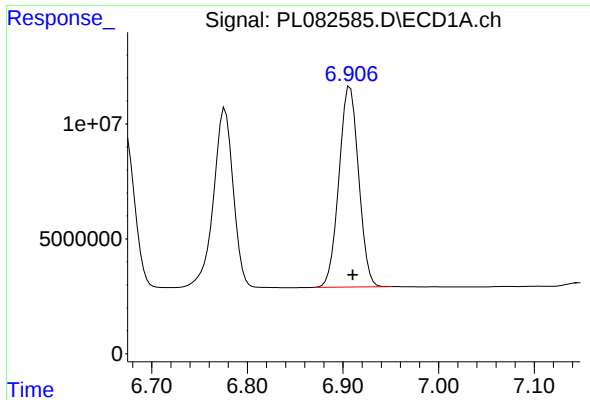
#18 Endrin aldehyde

R.T.: 6.673 min
Delta R.T.: -0.003 min
Response: 97411333
Conc: 51.70 ng/ml



#18 Endrin aldehyde

R.T.: 5.958 min
Delta R.T.: -0.008 min
Response: 96599802
Conc: 51.62 ng/ml



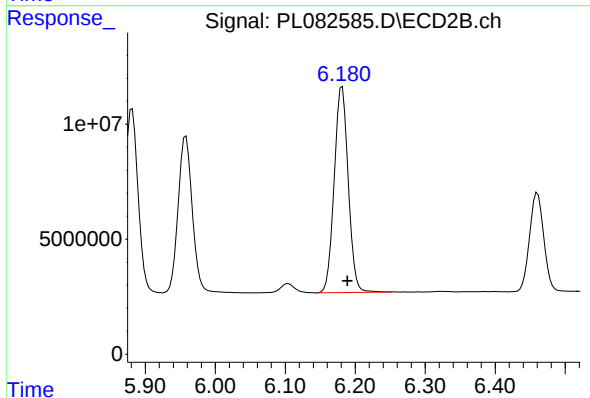
#19 Endosulfan Sulfate

R.T.: 6.907 min
Delta R.T.: -0.003 min
Response: 124953163
Conc: 52.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

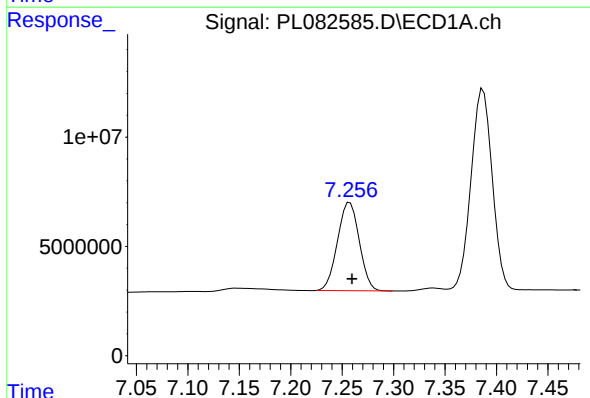
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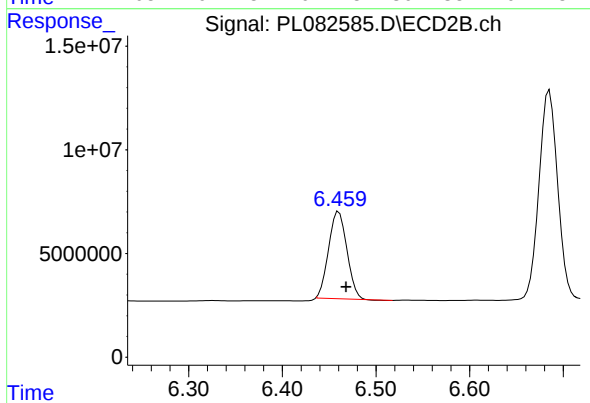
#19 Endosulfan Sulfate

R.T.: 6.181 min
Delta R.T.: -0.007 min
Response: 124530935
Conc: 52.90 ng/ml



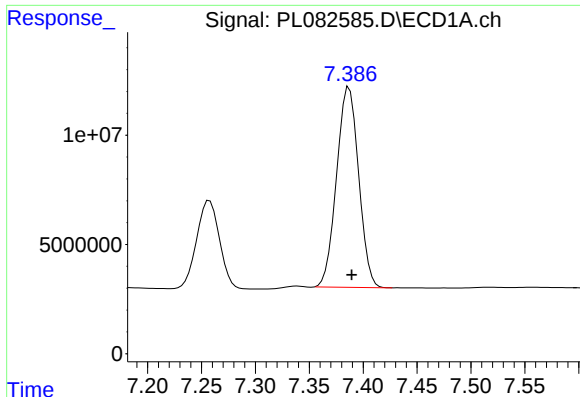
#20 Methoxychlor

R.T.: 7.257 min
Delta R.T.: -0.002 min
Response: 59504263
Conc: 48.76 ng/ml



#20 Methoxychlor

R.T.: 6.460 min
Delta R.T.: -0.008 min
Response: 57075671
Conc: 47.10 ng/ml



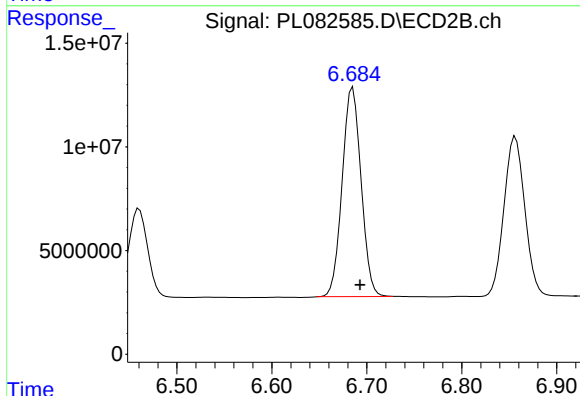
#21 Endrin ketone

R.T.: 7.387 min
Delta R.T.: -0.002 min
Response: 130361454
Conc: 54.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

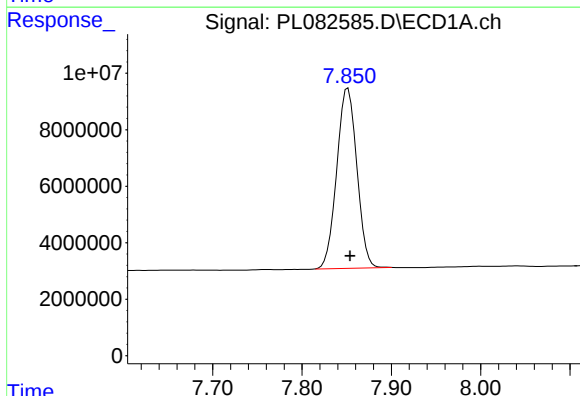
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/09/2023
Supervised By :Ankita Jodhani 05/09/2023



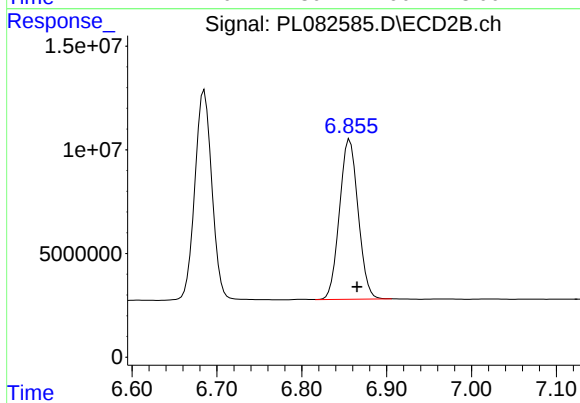
#21 Endrin ketone

R.T.: 6.684 min
Delta R.T.: -0.009 min
Response: 139583217
Conc: 54.99 ng/ml m



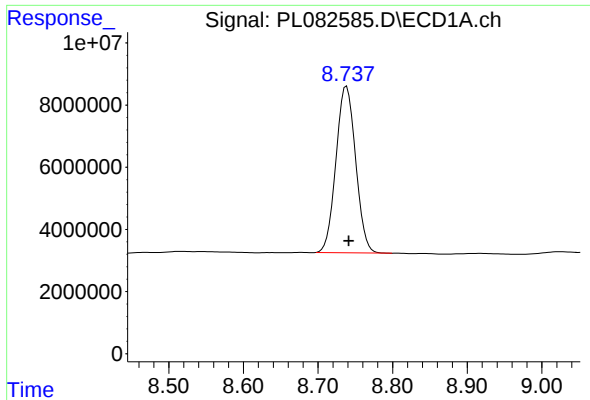
#22 Mirex

R.T.: 7.851 min
Delta R.T.: -0.002 min
Response: 99736233
Conc: 50.98 ng/ml



#22 Mirex

R.T.: 6.855 min
Delta R.T.: -0.010 min
Response: 117756833
Conc: 51.10 ng/ml m



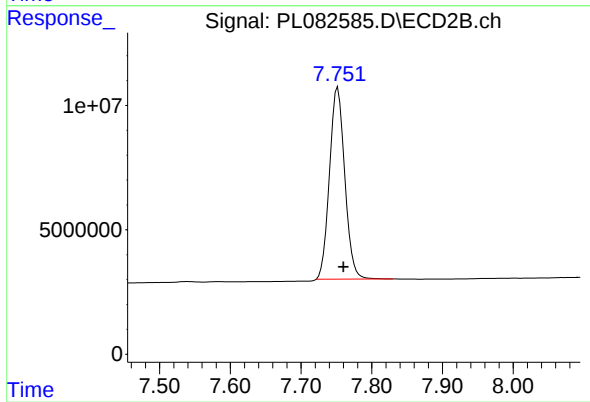
#28 Decachlorobiphenyl

R.T.: 8.738 min
Delta R.T.: -0.003 min
Response: 98174373
Conc: 51.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/09/2023
Supervised By :Ankita Jodhani 05/09/2023



#28 Decachlorobiphenyl

R.T.: 7.752 min
Delta R.T.: -0.008 min
Response: 115584486
Conc: 50.64 ng/ml