

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062723\
 Data File : PL083744.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2023 16:35
 Operator : AR\AJ
 Sample : PB153814BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB153814BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/28/2023
 Supervised By :Ankita Jodhani 06/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 28 00:18:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062523.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 26 10:45:09 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...	3.439	2.694	43098106	48869155	17.346	16.831
28)	SA Decachlor...	8.984	7.885	36146351	51751474	21.164	20.931
Target Compounds							
2)	A alpha-BHC	3.896	3.200	185.4E6	209.2E6	49.366	49.926
3)	MA gamma-BHC...	4.230	3.531	170.7E6	194.9E6	48.987	48.776
4)	MA Heptachlor	4.822	3.873	162.9E6	188.0E6	48.144	49.757
5)	MB Aldrin	5.164	4.154	166.7E6	187.9E6	48.459	52.532
6)	B beta-BHC	4.430	3.833	70876272	81115472	47.203	48.275
7)	B delta-BHC	4.676	4.062	168.8E6	187.0E6	49.201	49.207
8)	B Heptachlo...	5.595	4.662	157.4E6	164.3E6	46.555	48.896
9)	A Endosulfan I	5.980	5.033	142.0E6	153.1E6	46.028	49.496
10)	B gamma-Chl...	5.852	4.915	156.5E6	169.2E6	46.478	49.671
11)	B alpha-Chl...	5.932	4.980	153.3E6	167.8E6	46.516	49.540
12)	B 4,4'-DDE	6.113	5.178	135.7E6	144.0E6	47.423	51.512
13)	MA Dieldrin	6.257	5.300	148.7E6	175.1E6	48.065	55.483
14)	MA Endrin	6.485	5.575	123.5E6	138.7E6	46.789m	52.115
15)	B Endosulfa...	6.707	5.873	118.7E6	132.5E6	49.716m	51.716
16)	A 4,4'-DDD	6.632	5.736	112.9E6	119.2E6	52.148	54.954
17)	MA 4,4'-DDT	6.948	5.989	109.3E6	125.6E6	46.551	50.642
18)	B Endrin al...	6.839	6.055	95248986	112.9E6	51.469	55.194
19)	B Endosulfa...	7.075	6.280	117.7E6	135.8E6	48.757	52.169
20)	A Methoxychlor	7.430	6.576	59210291	66266699	51.191m	52.338
21)	B Endrin ke...	7.558	6.786	121.6E6	150.4E6	52.332m	51.895
22)	Mirex	8.035	6.968	90746444	128.0E6	47.652	50.675

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062723\
Data File : PL083744.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jun 2023 16:35
Operator : AR\AJ
Sample : PB153814BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB153814BS

Manual Integrations

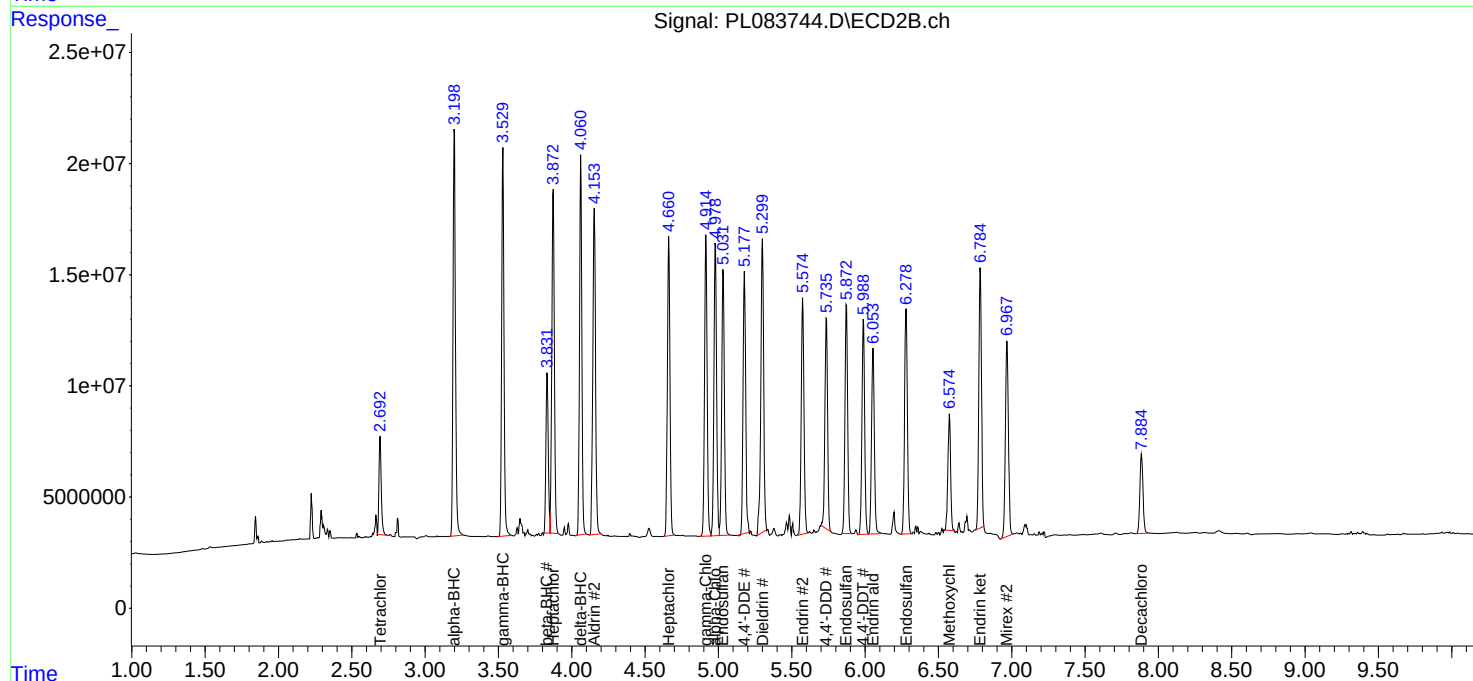
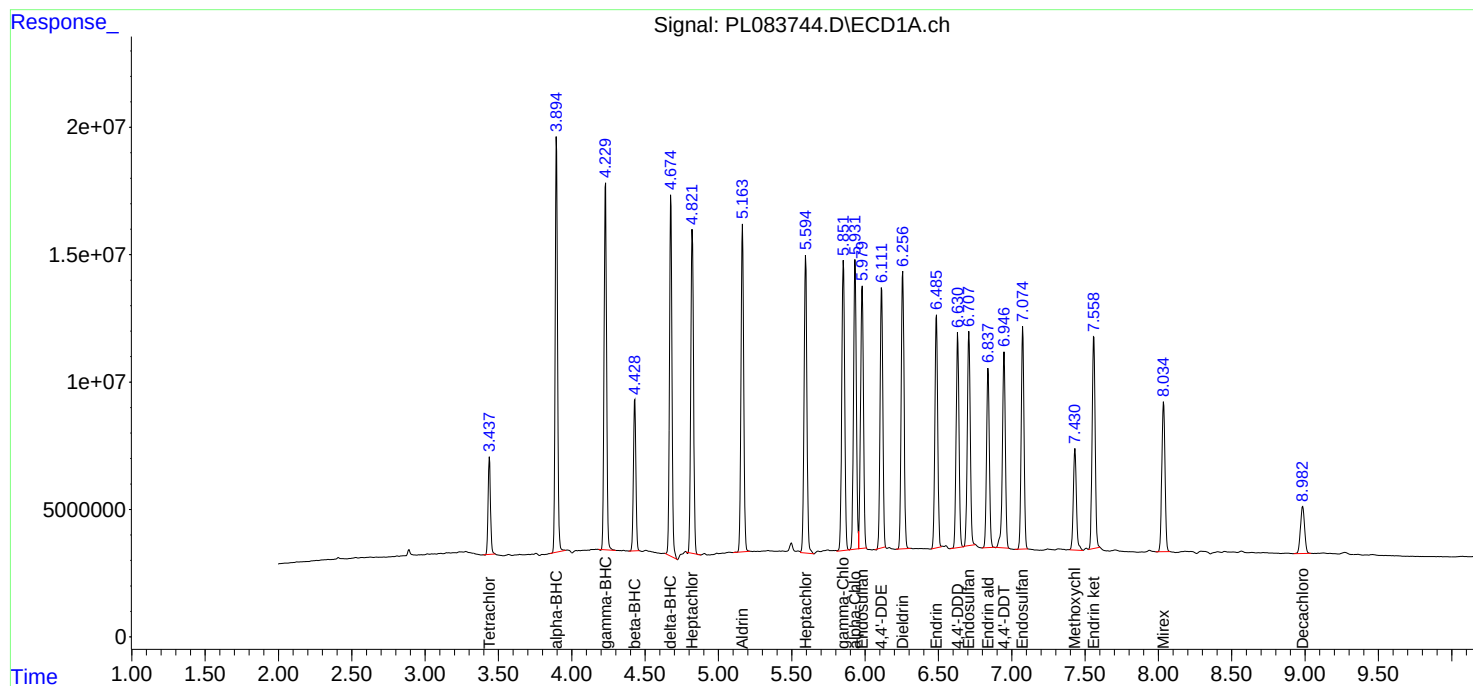
APPROVED

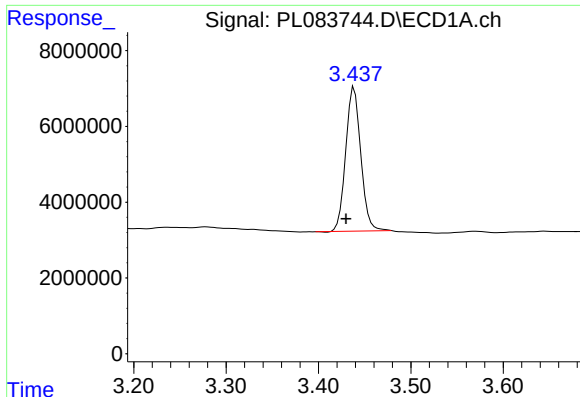
Reviewed By :Abdul Mirza 06/28/2023

Supervised By :Ankita Jodhani 06/28/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 28 00:18:05 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062523.M
Quant Title : GC Extractables
QLast Update : Mon Jun 26 10:45:09 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





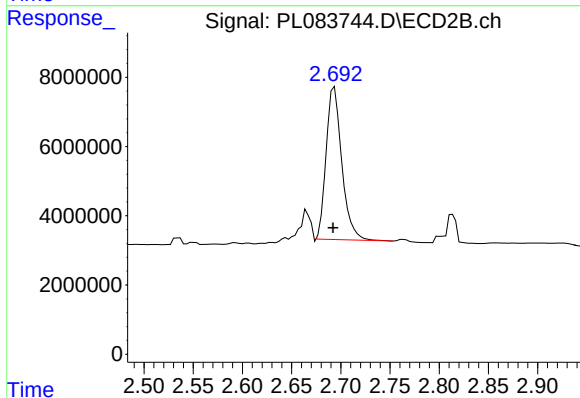
#1 Tetrachloro-m-xylene

R.T.: 3.439 min
Delta R.T.: 0.009 min
Response: 43098106
Conc: 17.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153814BS

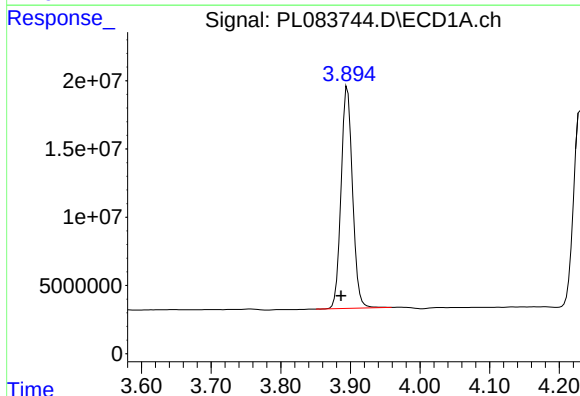
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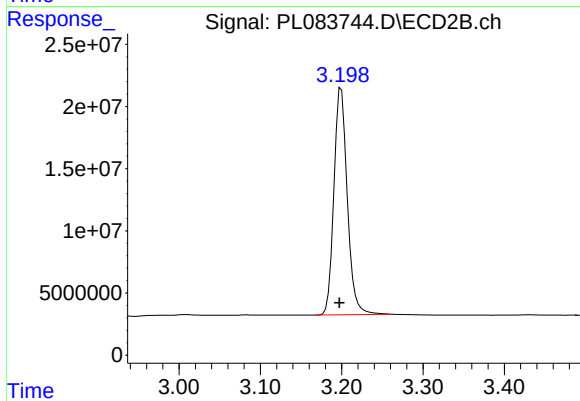
#1 Tetrachloro-m-xylene

R.T.: 2.694 min
Delta R.T.: 0.001 min
Response: 48869155
Conc: 16.83 ng/ml



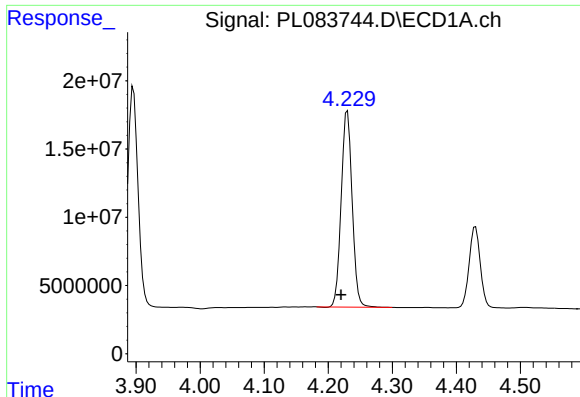
#2 alpha-BHC

R.T.: 3.896 min
Delta R.T.: 0.009 min
Response: 185367578
Conc: 49.37 ng/ml



#2 alpha-BHC

R.T.: 3.200 min
Delta R.T.: 0.002 min
Response: 209211414
Conc: 49.93 ng/ml



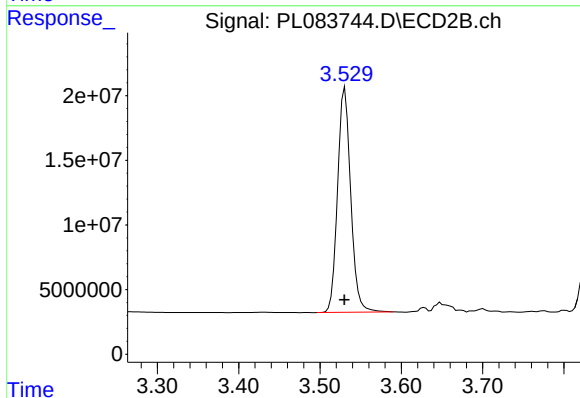
#3 gamma-BHC (Lindane)

R.T.: 4.230 min
Delta R.T.: 0.010 min
Response: 170662251
Conc: 48.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153814BS

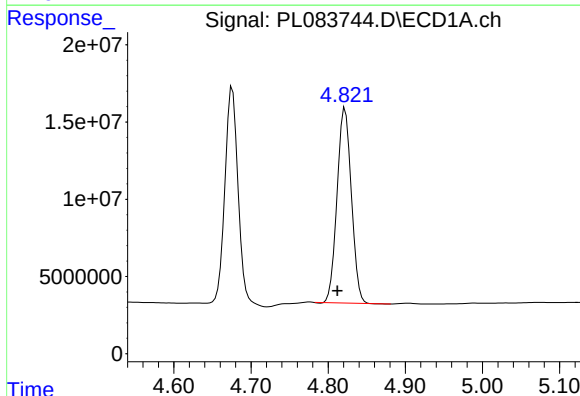
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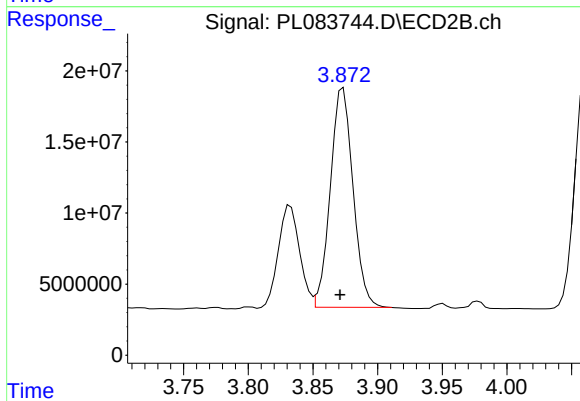
#3 gamma-BHC (Lindane)

R.T.: 3.531 min
Delta R.T.: 0.000 min
Response: 194947087
Conc: 48.78 ng/ml



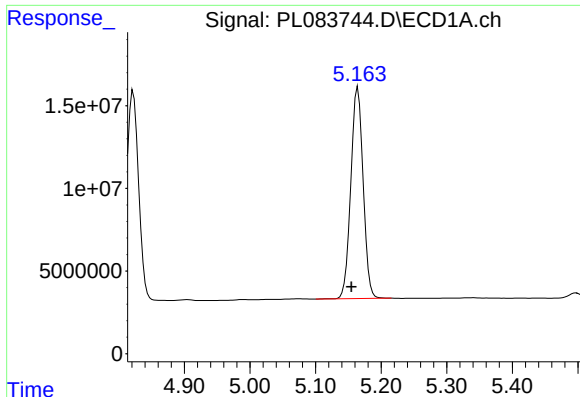
#4 Heptachlor

R.T.: 4.822 min
Delta R.T.: 0.010 min
Response: 162935422
Conc: 48.14 ng/ml



#4 Heptachlor

R.T.: 3.873 min
Delta R.T.: 0.002 min
Response: 188020749
Conc: 49.76 ng/ml



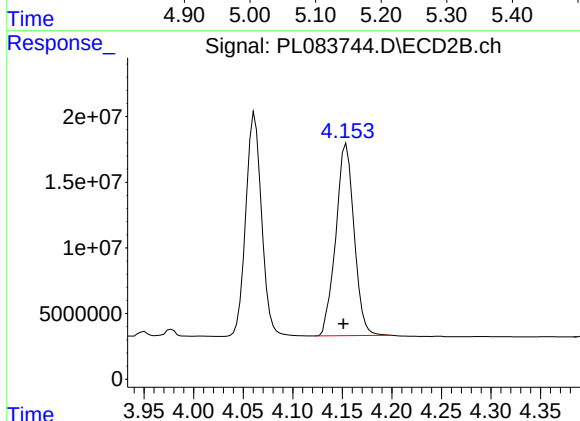
#5 Aldrin

R.T.: 5.164 min
Delta R.T.: 0.010 min
Response: 166654016
Conc: 48.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153814BS

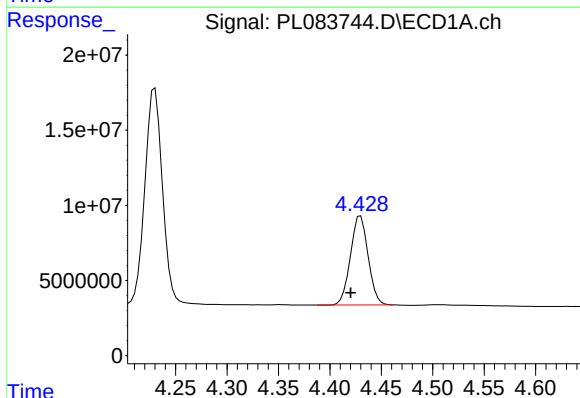
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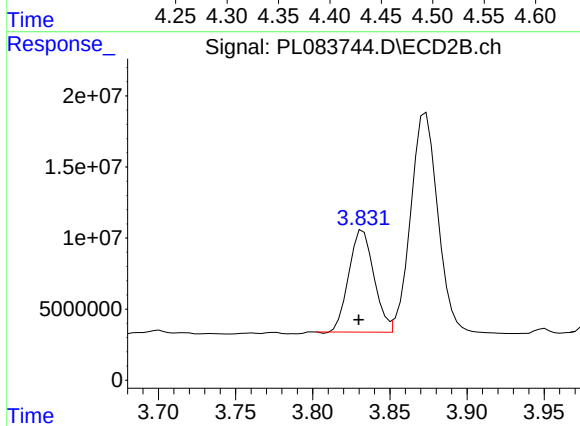
#5 Aldrin

R.T.: 4.154 min
Delta R.T.: 0.003 min
Response: 187903012
Conc: 52.53 ng/ml



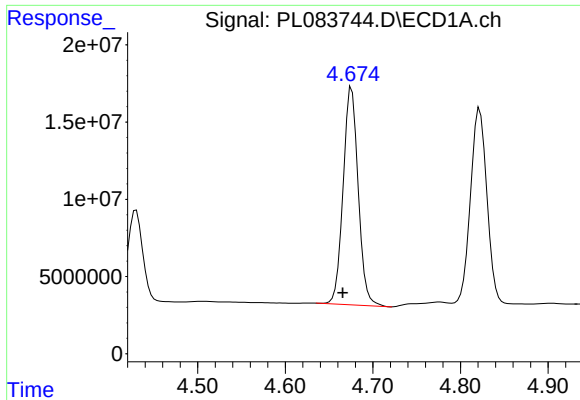
#6 beta-BHC

R.T.: 4.430 min
Delta R.T.: 0.010 min
Response: 70876272
Conc: 47.20 ng/ml



#6 beta-BHC

R.T.: 3.833 min
Delta R.T.: 0.003 min
Response: 81115472
Conc: 48.27 ng/ml



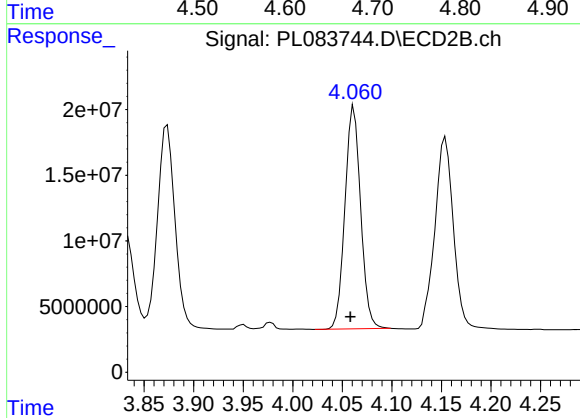
#7 delta-BHC

R.T.: 4.676 min
Delta R.T.: 0.010 min
Response: 168830590
Conc: 49.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153814BS

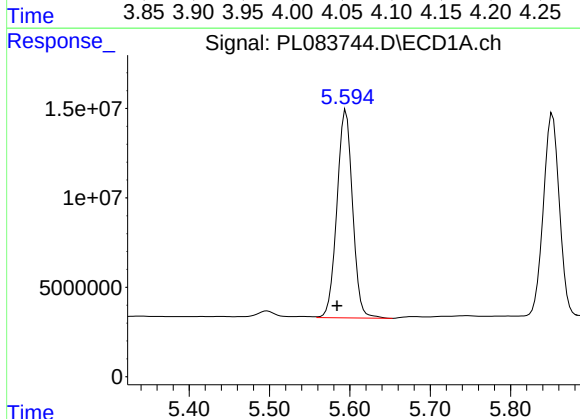
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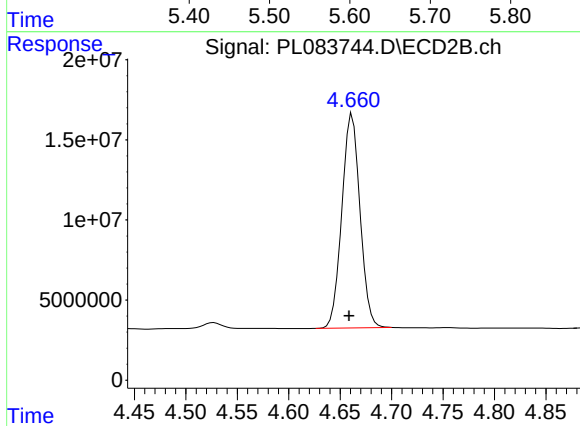
#7 delta-BHC

R.T.: 4.062 min
Delta R.T.: 0.003 min
Response: 186963469
Conc: 49.21 ng/ml



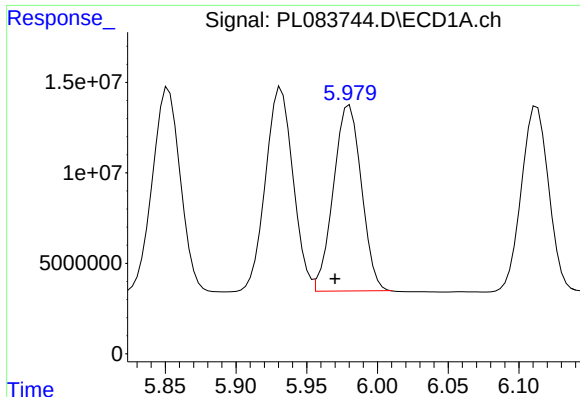
#8 Heptachlor epoxide

R.T.: 5.595 min
Delta R.T.: 0.011 min
Response: 157393754
Conc: 46.55 ng/ml



#8 Heptachlor epoxide

R.T.: 4.662 min
Delta R.T.: 0.003 min
Response: 164313064
Conc: 48.90 ng/ml



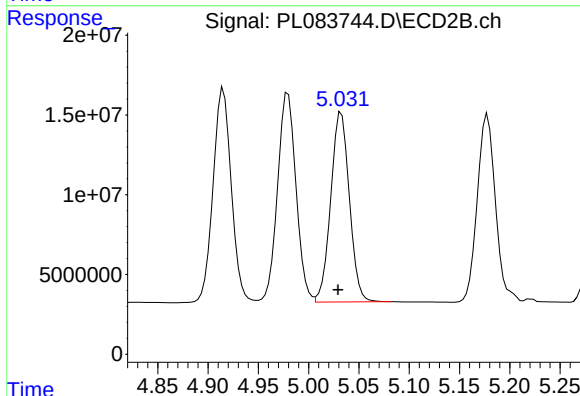
#9 Endosulfan I

R.T.: 5.980 min
Delta R.T.: 0.010 min
Response: 142027501
Conc: 46.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153814BS

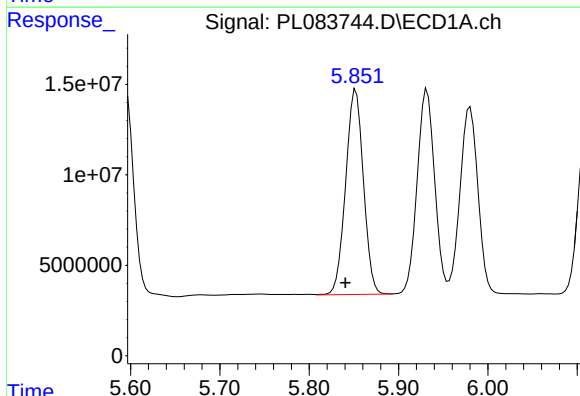
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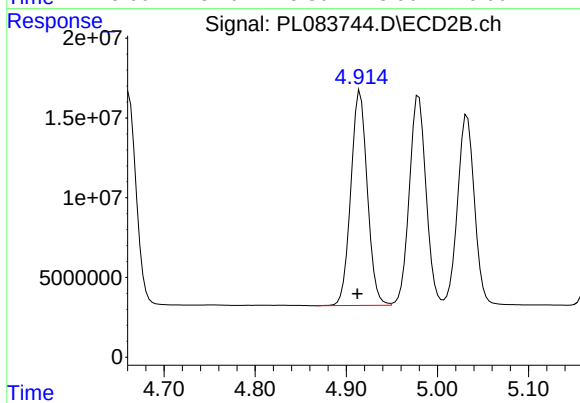
#9 Endosulfan I

R.T.: 5.033 min
Delta R.T.: 0.003 min
Response: 153104041
Conc: 49.50 ng/ml



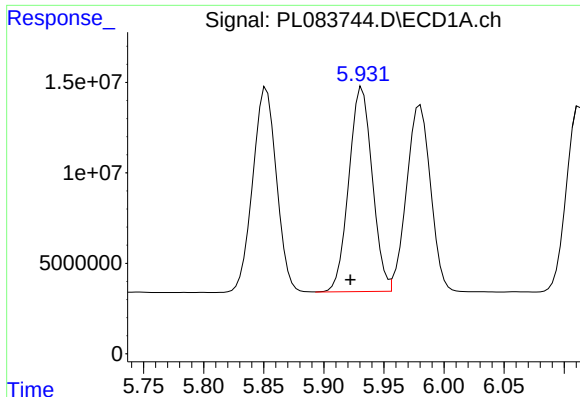
#10 gamma-Chlordane

R.T.: 5.852 min
Delta R.T.: 0.012 min
Response: 156462638
Conc: 46.48 ng/ml



#10 gamma-Chlordane

R.T.: 4.915 min
Delta R.T.: 0.003 min
Response: 169211197
Conc: 49.67 ng/ml



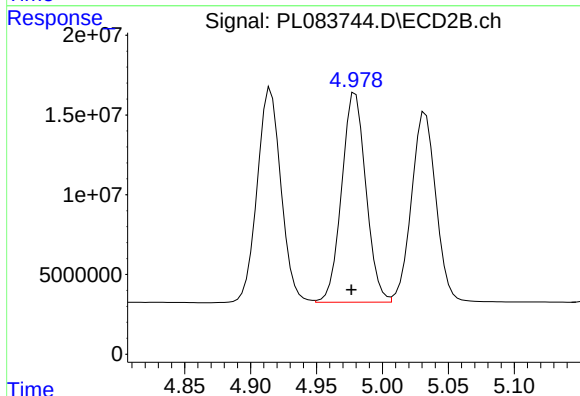
#11 alpha-Chlordane

R.T.: 5.932 min
Delta R.T.: 0.010 min
Response: 153310864
Conc: 46.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153814BS

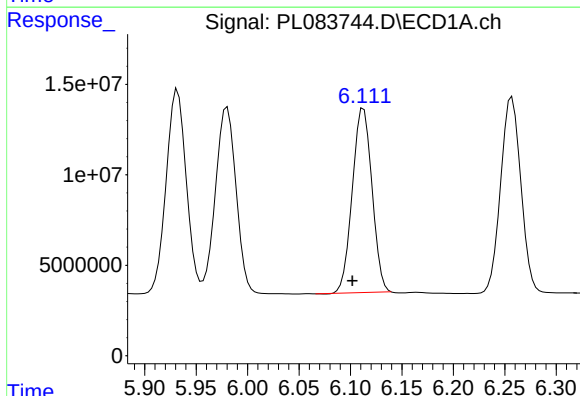
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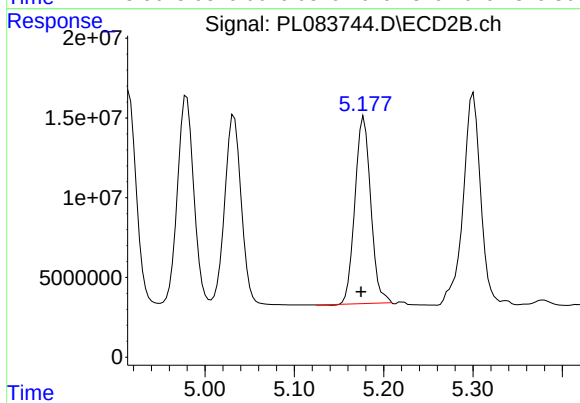
#11 alpha-Chlordane

R.T.: 4.980 min
Delta R.T.: 0.003 min
Response: 167772119
Conc: 49.54 ng/ml



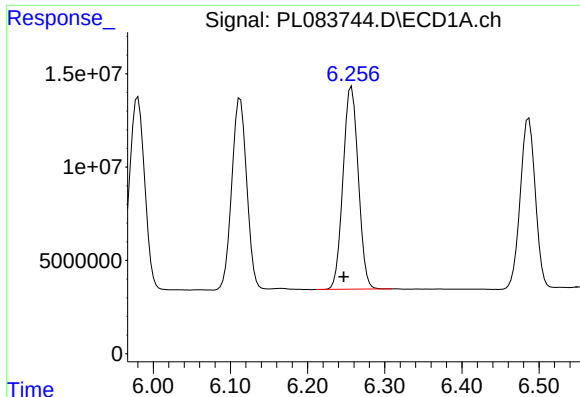
#12 4,4'-DDE

R.T.: 6.113 min
Delta R.T.: 0.011 min
Response: 135727562
Conc: 47.42 ng/ml



#12 4,4'-DDE

R.T.: 5.178 min
Delta R.T.: 0.003 min
Response: 144048734
Conc: 51.51 ng/ml



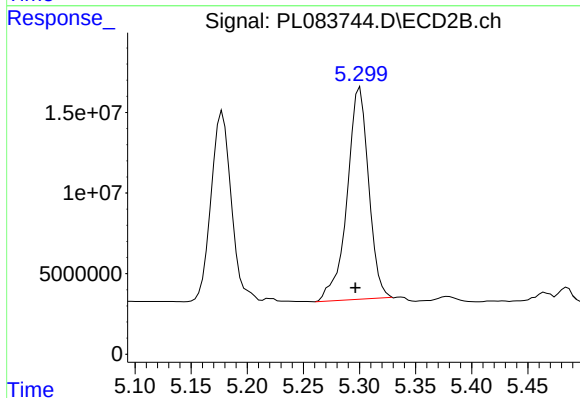
#13 Dieldrin

R.T.: 6.257 min
Delta R.T.: 0.010 min
Response: 148699725
Conc: 48.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153814BS

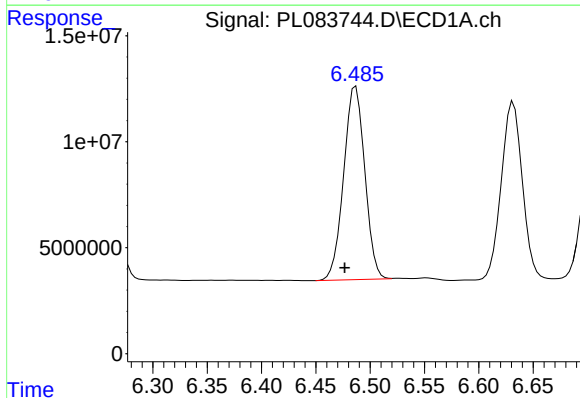
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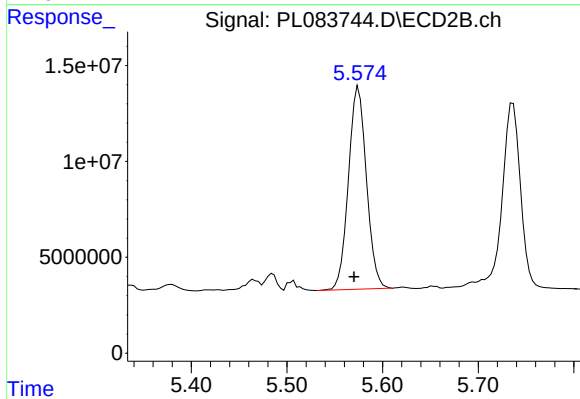
#13 Dieldrin

R.T.: 5.300 min
Delta R.T.: 0.004 min
Response: 175127123
Conc: 55.48 ng/ml



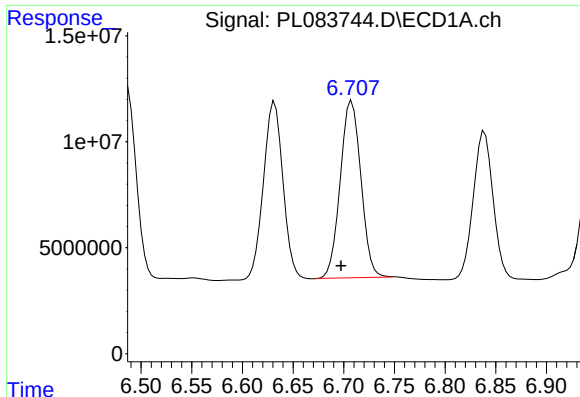
#14 Endrin

R.T.: 6.485 min
Delta R.T.: 0.009 min
Response: 123451591
Conc: 46.79 ng/ml m



#14 Endrin

R.T.: 5.575 min
Delta R.T.: 0.005 min
Response: 138681915
Conc: 52.12 ng/ml



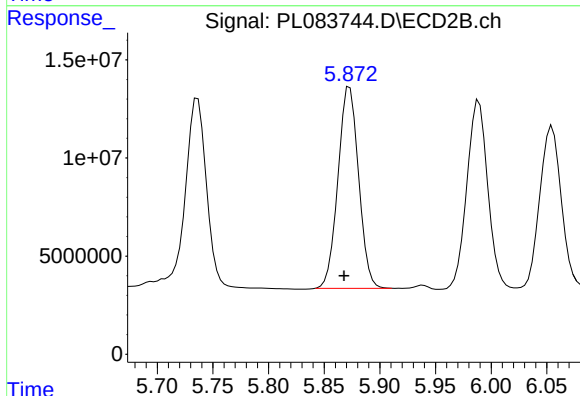
#15 Endosulfan II

R.T.: 6.707 min
Delta R.T.: 0.009 min
Response: 118681435
Conc: 49.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153814BS

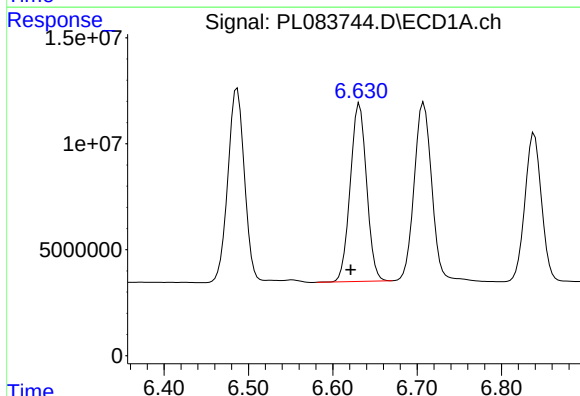
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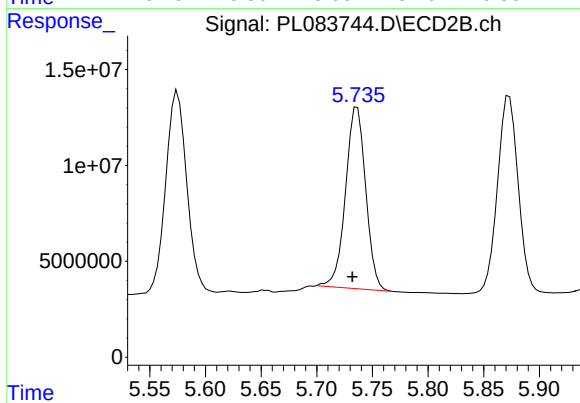
#15 Endosulfan II

R.T.: 5.873 min
Delta R.T.: 0.005 min
Response: 132532292
Conc: 51.72 ng/ml



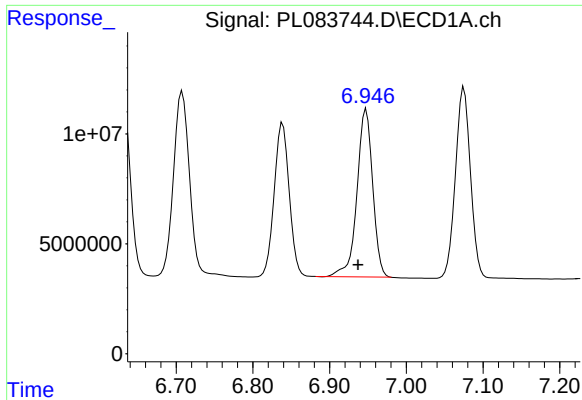
#16 4,4'-DDD

R.T.: 6.632 min
Delta R.T.: 0.010 min
Response: 112887897
Conc: 52.15 ng/ml



#16 4,4'-DDD

R.T.: 5.736 min
Delta R.T.: 0.004 min
Response: 119158871
Conc: 54.95 ng/ml



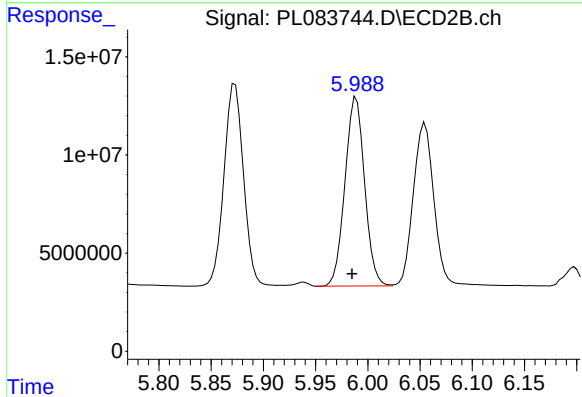
#17 4,4'-DDT

R.T.: 6.948 min
Delta R.T.: 0.010 min
Response: 109334306
Conc: 46.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153814BS

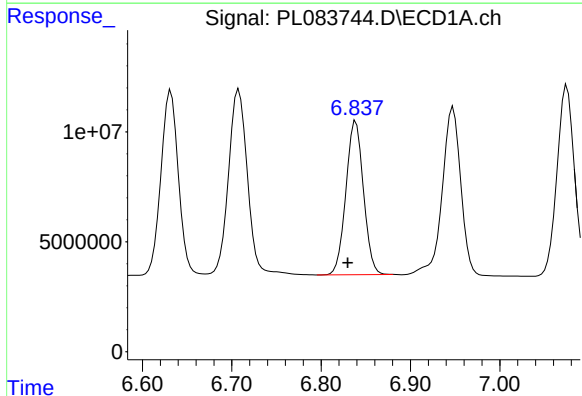
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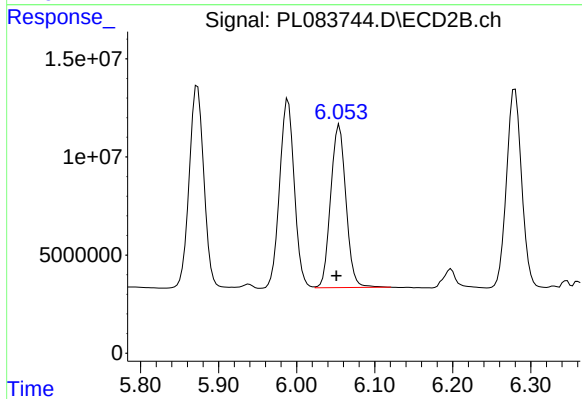
#17 4,4'-DDT

R.T.: 5.989 min
Delta R.T.: 0.004 min
Response: 125606537
Conc: 50.64 ng/ml



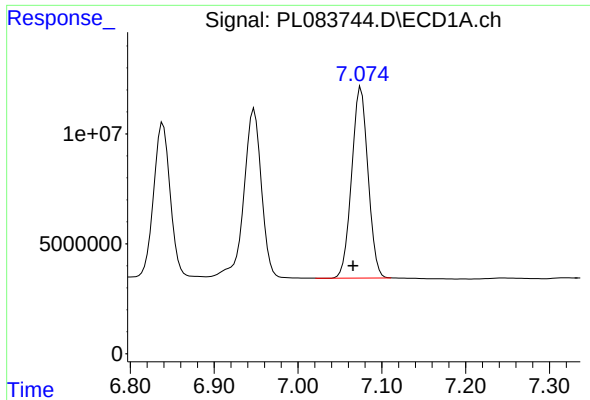
#18 Endrin aldehyde

R.T.: 6.839 min
Delta R.T.: 0.009 min
Response: 95248986
Conc: 51.47 ng/ml



#18 Endrin aldehyde

R.T.: 6.055 min
Delta R.T.: 0.004 min
Response: 112871196
Conc: 55.19 ng/ml



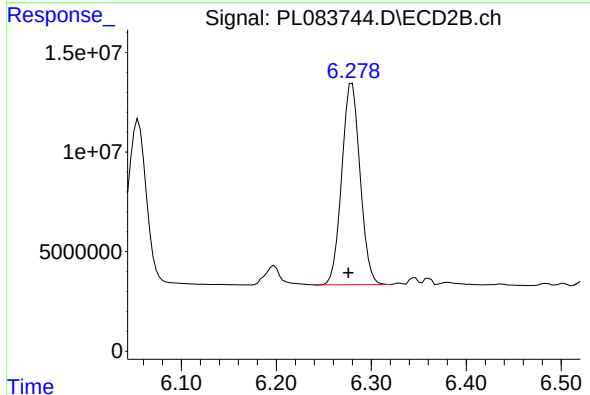
#19 Endosulfan Sulfate

R.T.: 7.075 min
Delta R.T.: 0.010 min
Response: 117740453
Conc: 48.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153814BS

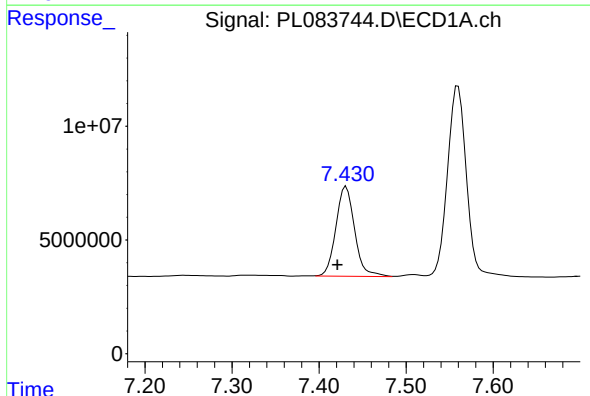
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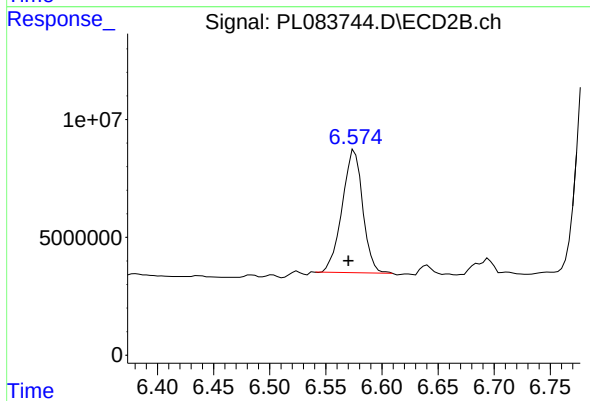
#19 Endosulfan Sulfate

R.T.: 6.280 min
Delta R.T.: 0.004 min
Response: 135767313
Conc: 52.17 ng/ml



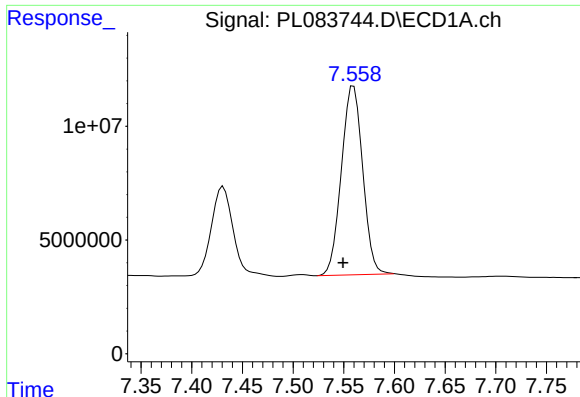
#20 Methoxychlor

R.T.: 7.430 min
Delta R.T.: 0.009 min
Response: 59210291
Conc: 51.19 ng/ml m



#20 Methoxychlor

R.T.: 6.576 min
Delta R.T.: 0.005 min
Response: 66266699
Conc: 52.34 ng/ml



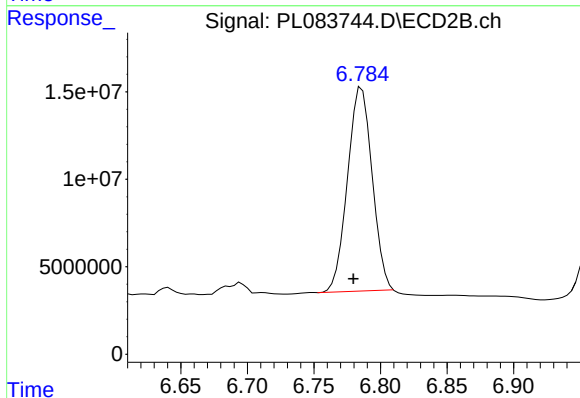
#21 Endrin ketone

R.T.: 7.558 min
Delta R.T.: 0.009 min
Response: 121565230
Conc: 52.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153814BS

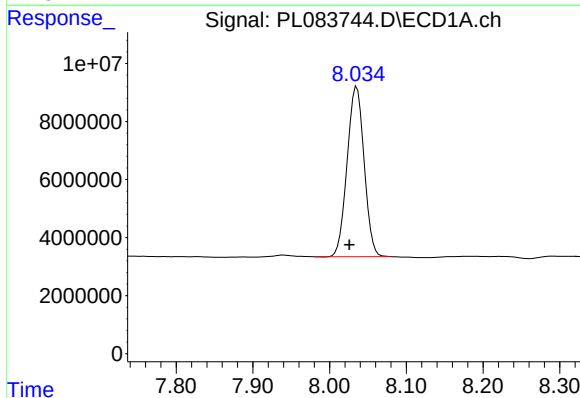
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/28/2023
Supervised By :Ankita Jodhani 06/28/2023



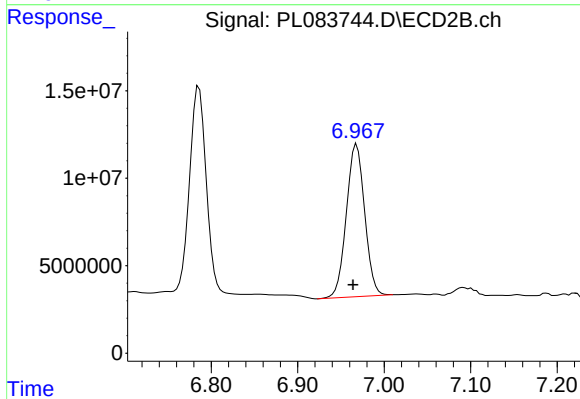
#21 Endrin ketone

R.T.: 6.786 min
Delta R.T.: 0.006 min
Response: 150421942
Conc: 51.89 ng/ml



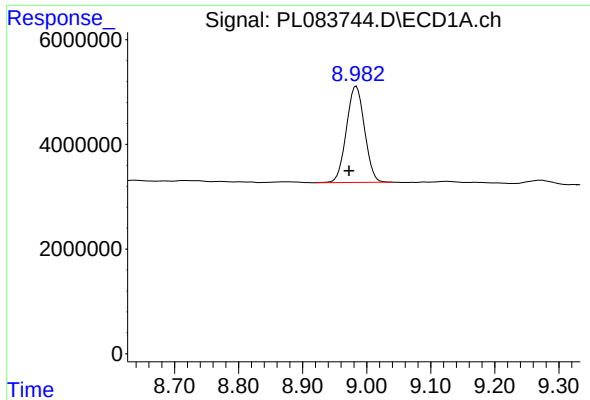
#22 Mirex

R.T.: 8.035 min
Delta R.T.: 0.010 min
Response: 90746444
Conc: 47.65 ng/ml



#22 Mirex

R.T.: 6.968 min
Delta R.T.: 0.004 min
Response: 128042468
Conc: 50.67 ng/ml



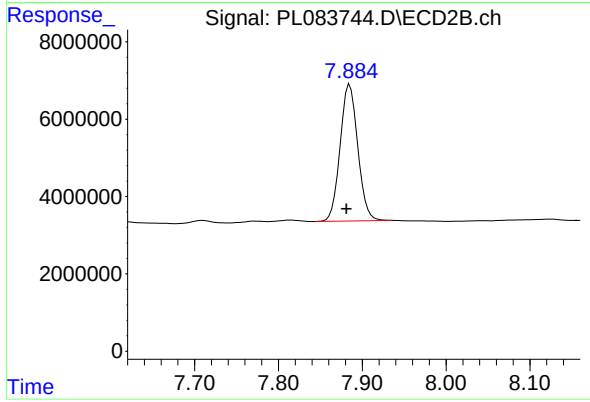
#28 Decachlorobiphenyl

R.T.: 8.984 min
Delta R.T.: 0.011 min
Response: 36146351
Conc: 21.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB153814BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.885 min
Delta R.T.: 0.004 min
Response: 51751474
Conc: 20.93 ng/ml