

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062623\
 Data File : PL083713.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jun 2023 16:58
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/27/2023
 Supervised By :Ankita Jodhani 06/27/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 21:39:01 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...	3.441	2.693	117.7E6	149.9E6	47.355	51.632
28)	SA Decachlor...	8.985	7.885	89147322	131.4E6	52.197	53.129
Target Compounds							
2)	A alpha-BHC	3.898	3.199	183.5E6	219.2E6	48.881	52.307
3)	MA gamma-BHC...	4.232	3.530	167.5E6	201.5E6	48.086	50.421
4)	MA Heptachlor	4.823	3.873	163.9E6	195.0E6	48.433	51.598
5)	MB Aldrin	5.165	4.154	160.5E6	184.9E6	46.657	51.681
6)	B beta-BHC	4.431	3.832	69794902	84813880	46.483	50.476
7)	B delta-BHC	4.677	4.061	165.1E6	192.1E6	48.105	50.546
8)	B Heptachlo...	5.596	4.662	155.5E6	170.8E6	46.005	50.838
9)	A Endosulfan I	5.981	5.033	139.0E6	158.9E6	45.057	51.373
10)	B gamma-Chl...	5.853	4.915	154.2E6	175.3E6	45.804	51.458
11)	B alpha-Chl...	5.934	4.980	150.3E6	173.9E6	45.592	51.350
12)	B 4,4'-DDE	6.114	5.176	131.8E6	145.0E6	46.044	51.848m
13)	MA Dieldrin	6.258	5.300	146.1E6	161.4E6	47.221	51.122
14)	MA Endrin	6.487	5.575	124.0E6	143.8E6	46.978m	54.028
15)	B Endosulfa...	6.707	5.873	118.2E6	132.5E6	49.500m	51.695
16)	A 4,4'-DDD	6.632	5.736	104.8E6	114.9E6	48.424	52.987
17)	MA 4,4'-DDT	6.948	5.989	112.9E6	127.0E6	48.062	51.194
18)	B Endrin al...	6.840	6.055	91698211	106.2E6	49.551	51.914
19)	B Endosulfa...	7.076	6.280	119.2E6	135.1E6	49.366	51.918
20)	A Methoxychlor	7.431	6.575	58659607	63740454	50.715	50.343
21)	B Endrin ke...	7.559	6.785	131.9E6	145.2E6	56.771m	50.090
22)	Mirex	8.035	6.968	94268176	132.7E6	49.502	52.519

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062623\
Data File : PL083713.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2023 16:58
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

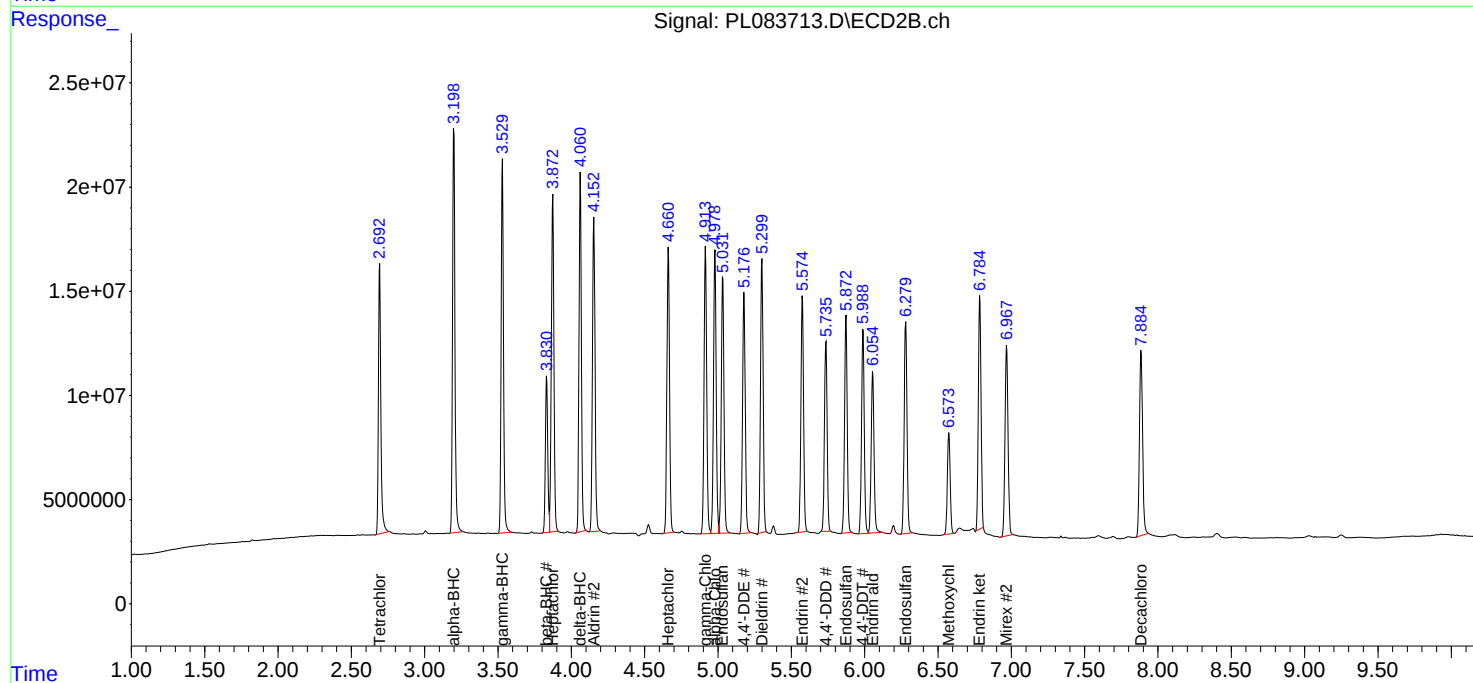
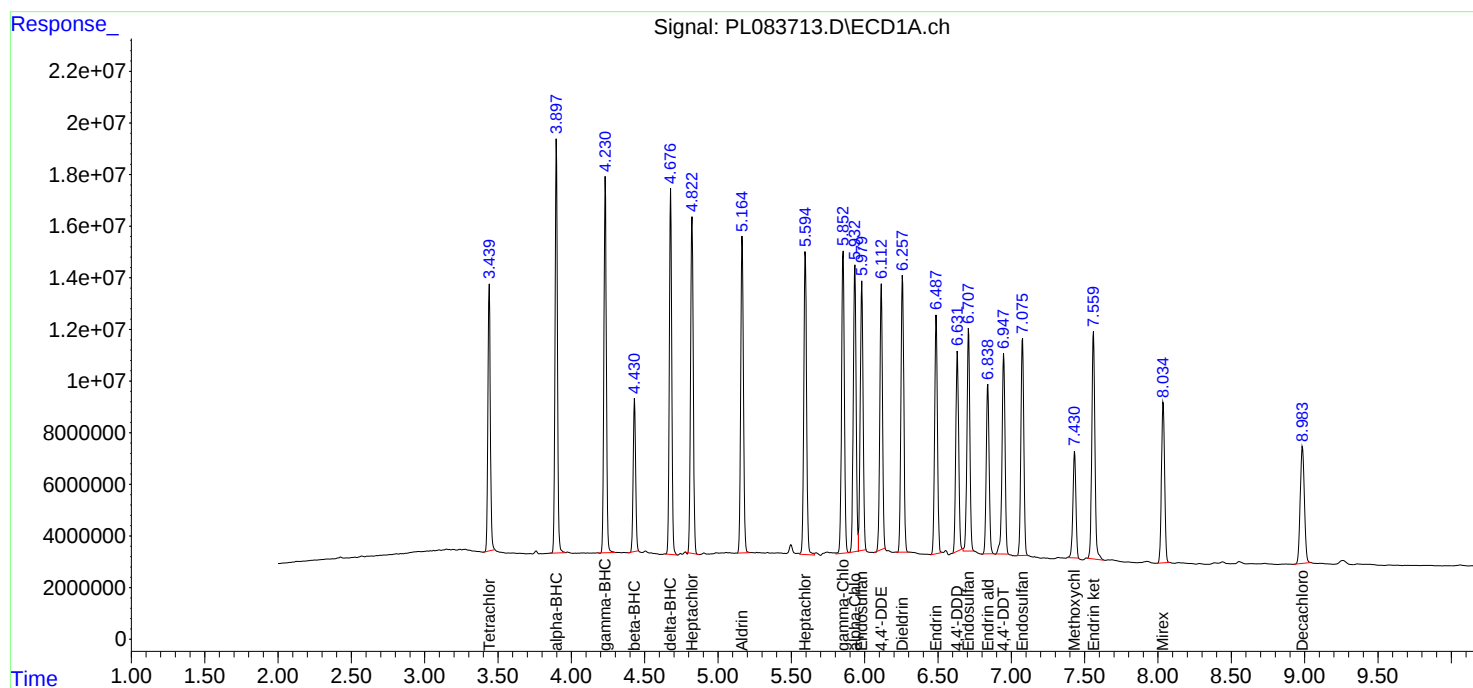
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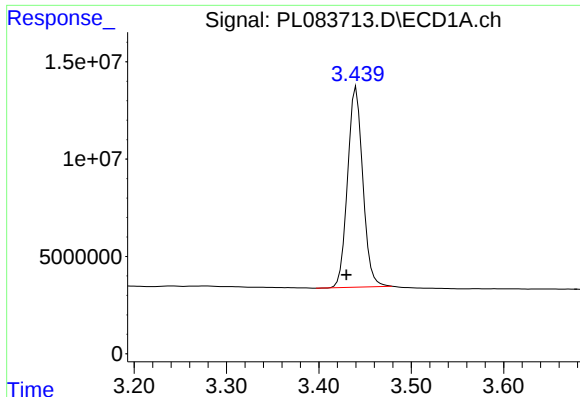
Reviewed By :Abdul Mirza 06/27/2023

Supervised By :Ankita Jodhani 06/27/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 21:39:01 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





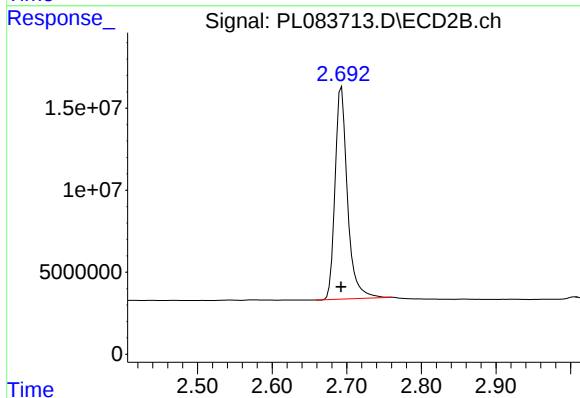
#1 Tetrachloro-m-xylene

R.T.: 3.441 min
Delta R.T.: 0.011 min
Response: 117660146
Conc: 47.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

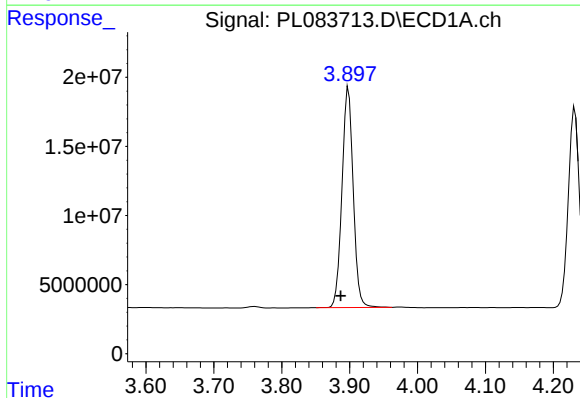
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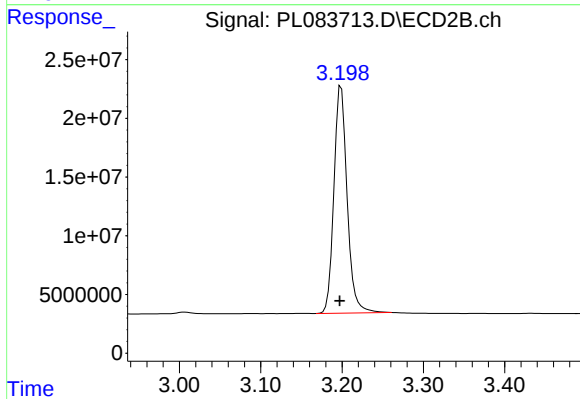
#1 Tetrachloro-m-xylene

R.T.: 2.693 min
Delta R.T.: 0.000 min
Response: 149916814
Conc: 51.63 ng/ml



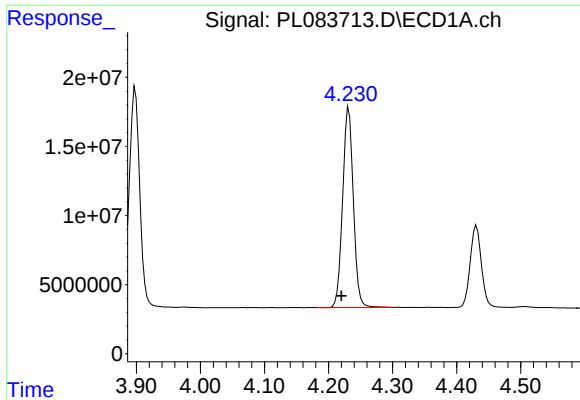
#2 alpha-BHC

R.T.: 3.898 min
Delta R.T.: 0.012 min
Response: 183546171
Conc: 48.88 ng/ml



#2 alpha-BHC

R.T.: 3.199 min
Delta R.T.: 0.002 min
Response: 219188156
Conc: 52.31 ng/ml



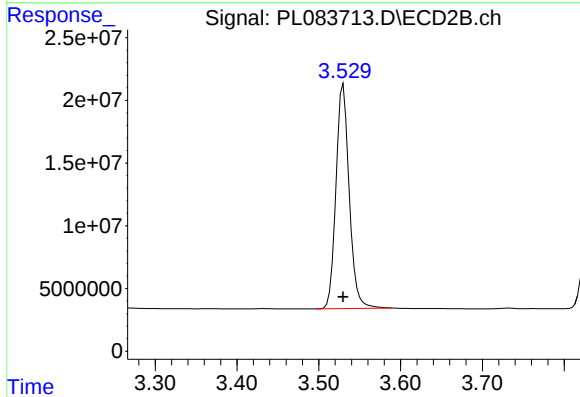
#3 gamma-BHC (Lindane)

R.T.: 4.232 min
Delta R.T.: 0.012 min
Response: 167521866
Conc: 48.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

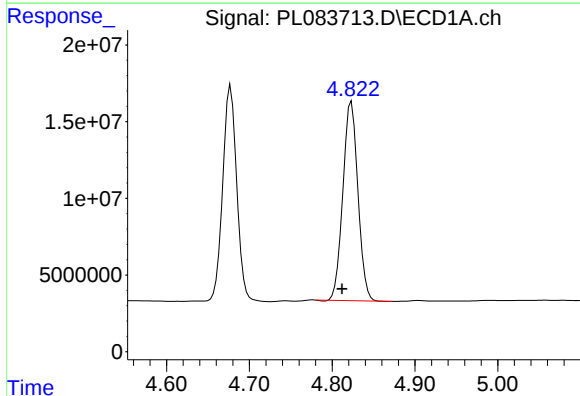
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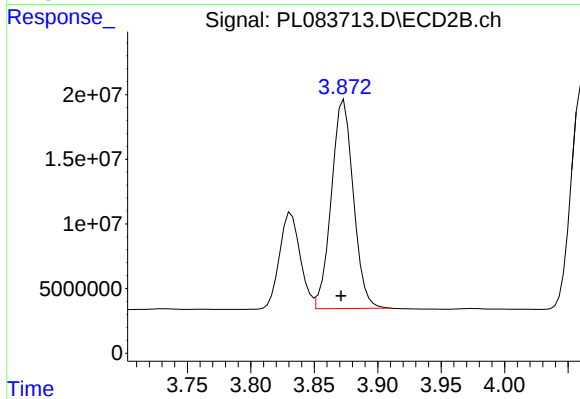
#3 gamma-BHC (Lindane)

R.T.: 3.530 min
Delta R.T.: 0.000 min
Response: 201521591
Conc: 50.42 ng/ml



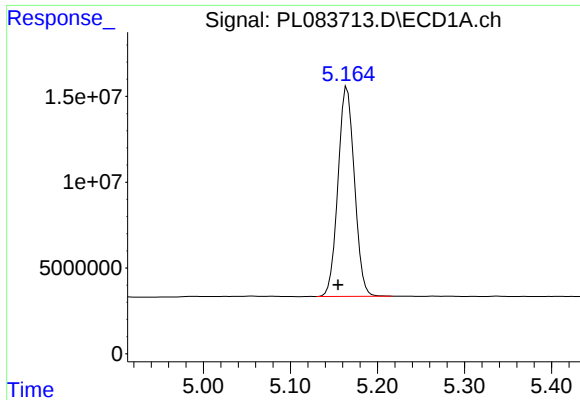
#4 Heptachlor

R.T.: 4.823 min
Delta R.T.: 0.011 min
Response: 163911921
Conc: 48.43 ng/ml



#4 Heptachlor

R.T.: 3.873 min
Delta R.T.: 0.002 min
Response: 194979225
Conc: 51.60 ng/ml



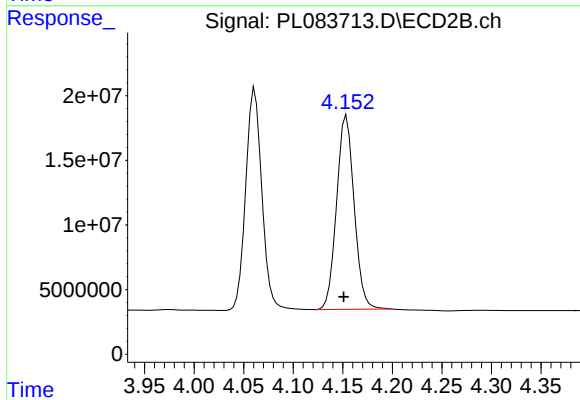
#5 Aldrin

R.T.: 5.165 min
Delta R.T.: 0.011 min
Response: 160454609
Conc: 46.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

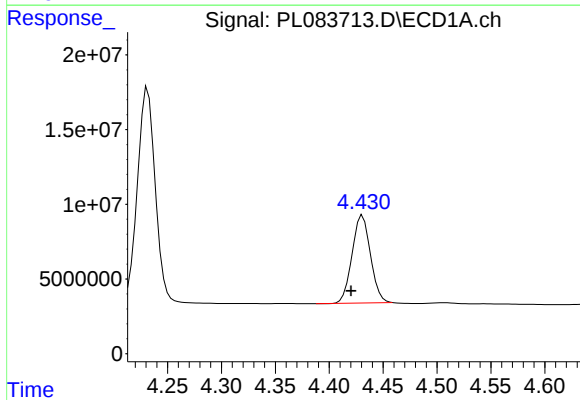
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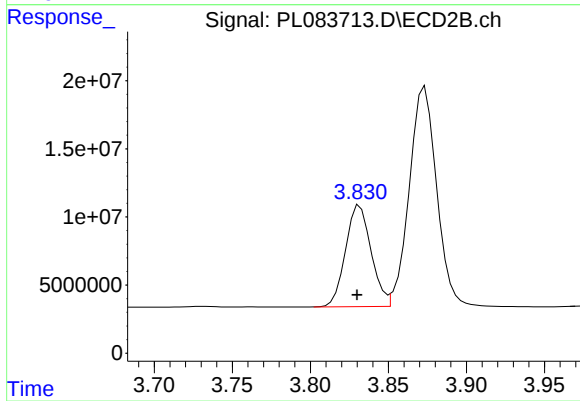
#5 Aldrin

R.T.: 4.154 min
Delta R.T.: 0.003 min
Response: 184857989
Conc: 51.68 ng/ml



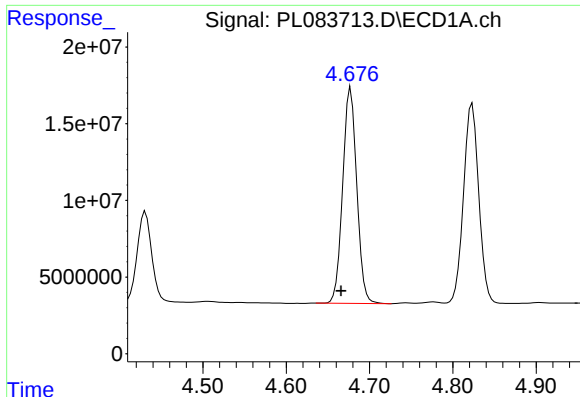
#6 beta-BHC

R.T.: 4.431 min
Delta R.T.: 0.011 min
Response: 69794902
Conc: 46.48 ng/ml



#6 beta-BHC

R.T.: 3.832 min
Delta R.T.: 0.002 min
Response: 84813880
Conc: 50.48 ng/ml



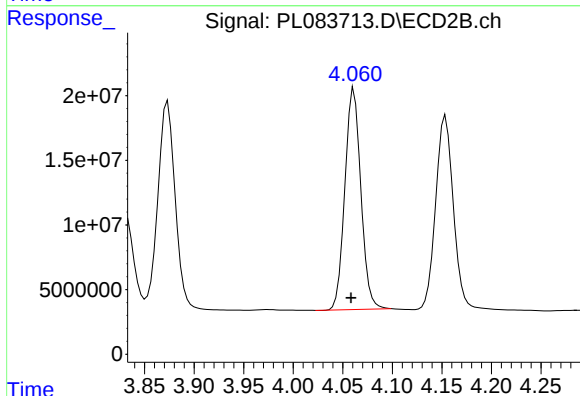
#7 delta-BHC

R.T.: 4.677 min
Delta R.T.: 0.012 min
Response: 165068559
Conc: 48.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

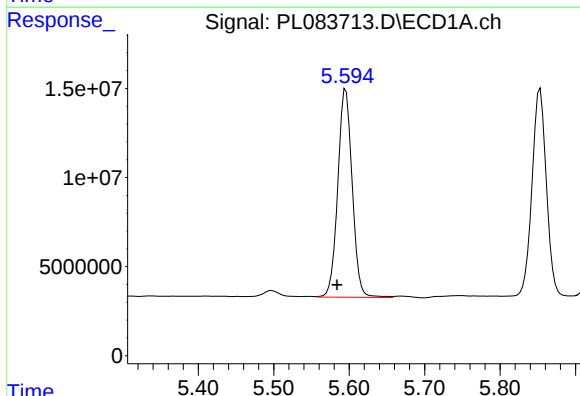
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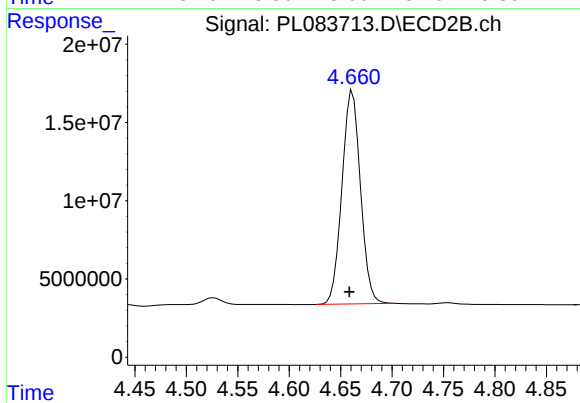
#7 delta-BHC

R.T.: 4.061 min
Delta R.T.: 0.003 min
Response: 192051525
Conc: 50.55 ng/ml



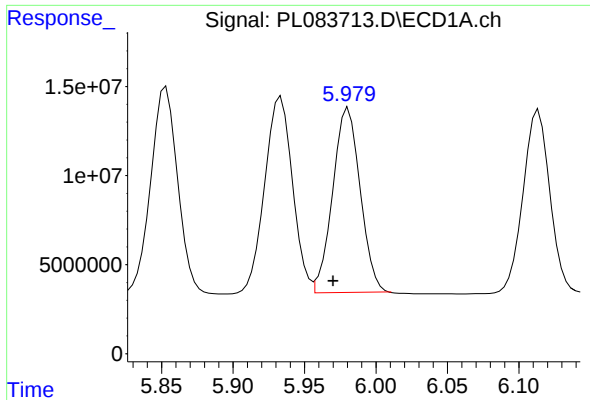
#8 Heptachlor epoxide

R.T.: 5.596 min
Delta R.T.: 0.011 min
Response: 155534074
Conc: 46.00 ng/ml



#8 Heptachlor epoxide

R.T.: 4.662 min
Delta R.T.: 0.003 min
Response: 170840859
Conc: 50.84 ng/ml



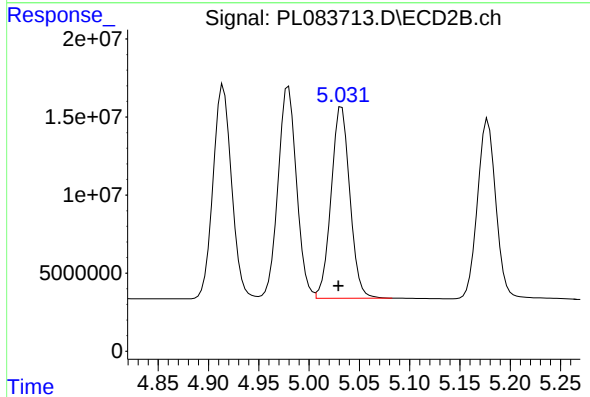
#9 Endosulfan I

R.T.: 5.981 min
Delta R.T.: 0.010 min
Response: 139033914
Conc: 45.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

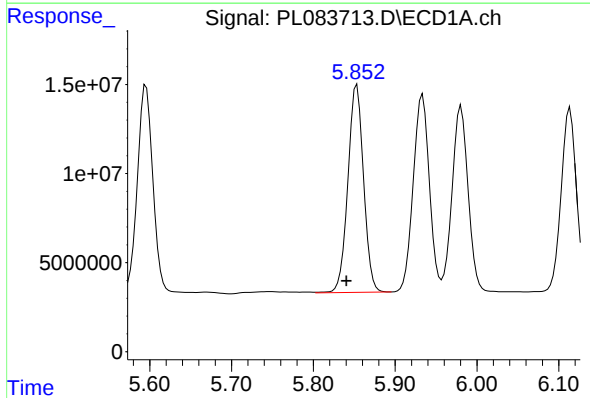
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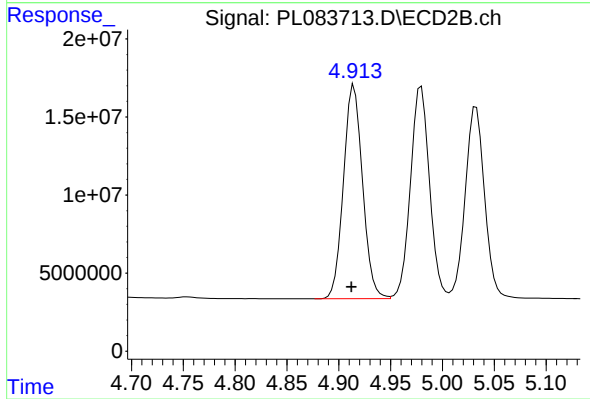
#9 Endosulfan I

R.T.: 5.033 min
Delta R.T.: 0.003 min
Response: 158908446
Conc: 51.37 ng/ml



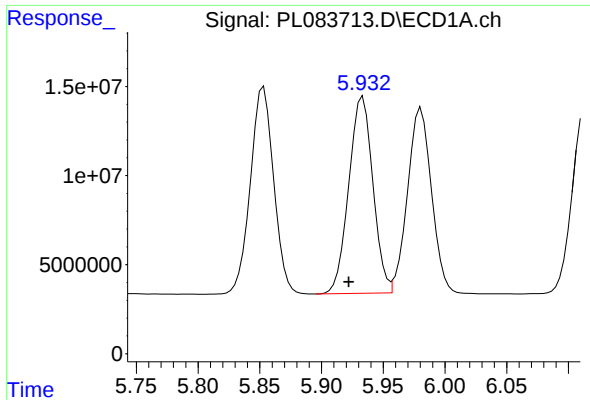
#10 gamma-Chlordane

R.T.: 5.853 min
Delta R.T.: 0.013 min
Response: 154192779
Conc: 45.80 ng/ml



#10 gamma-Chlordane

R.T.: 4.915 min
Delta R.T.: 0.003 min
Response: 175296862
Conc: 51.46 ng/ml



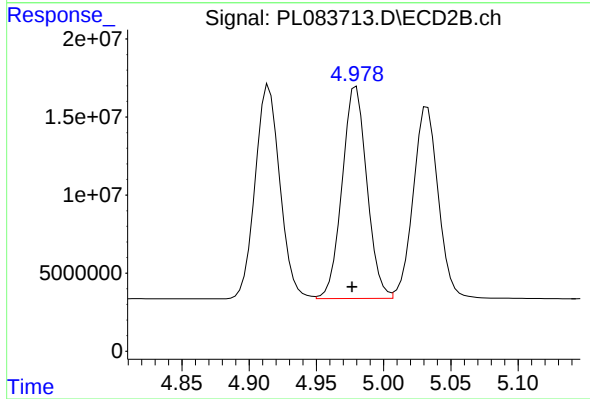
#11 alpha-Chlordane

R.T.: 5.934 min
Delta R.T.: 0.011 min
Response: 150267452
Conc: 45.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

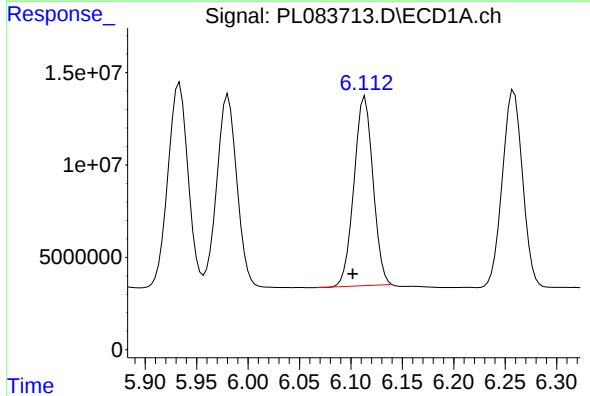
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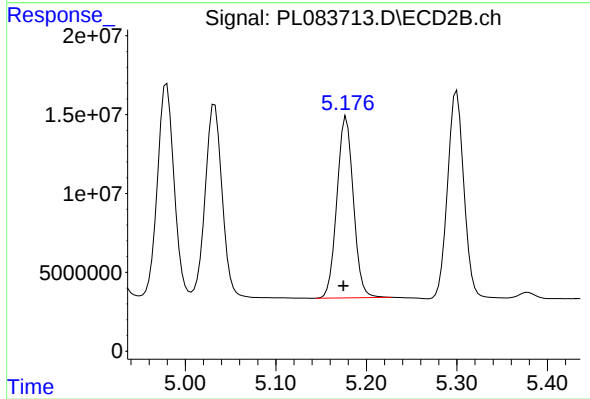
#11 alpha-Chlordane

R.T.: 4.980 min
Delta R.T.: 0.003 min
Response: 173901387
Conc: 51.35 ng/ml



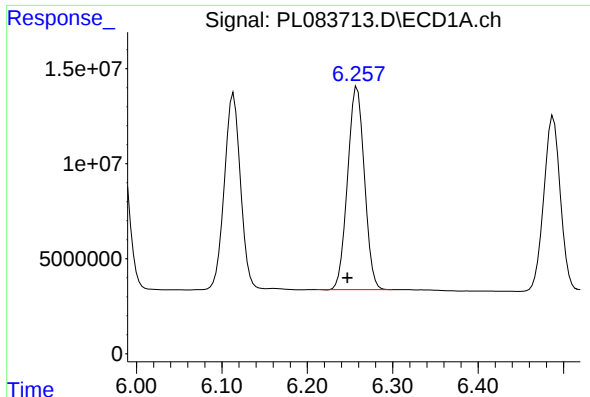
#12 4,4'-DDE

R.T.: 6.114 min
Delta R.T.: 0.012 min
Response: 131781880
Conc: 46.04 ng/ml



#12 4,4'-DDE

R.T.: 5.176 min
Delta R.T.: 0.002 min
Response: 144986951
Conc: 51.85 ng/ml m



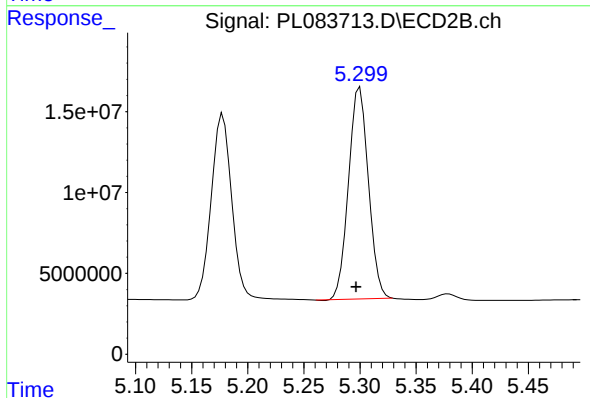
#13 Dieldrin

R.T.: 6.258 min
Delta R.T.: 0.011 min
Response: 146087956
Conc: 47.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

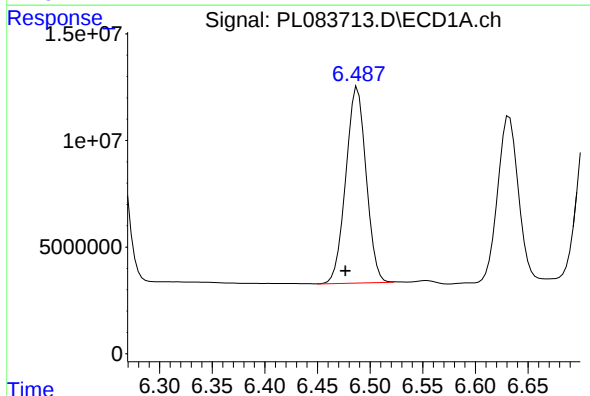
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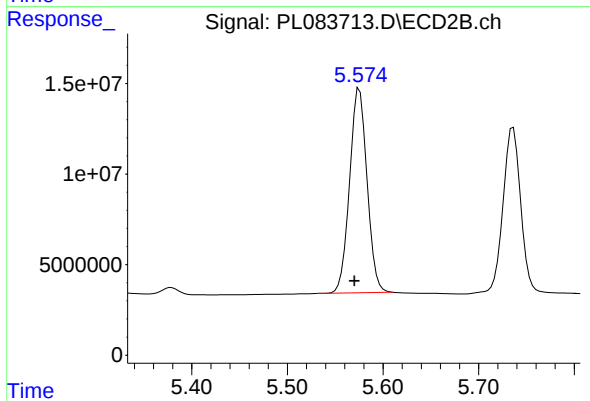
#13 Dieldrin

R.T.: 5.300 min
Delta R.T.: 0.003 min
Response: 161363910
Conc: 51.12 ng/ml



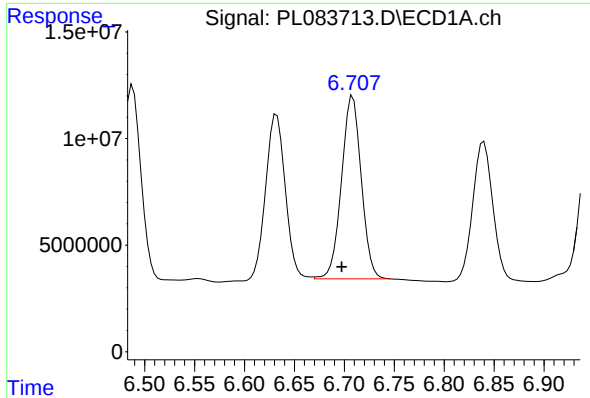
#14 Endrin

R.T.: 6.487 min
Delta R.T.: 0.010 min
Response: 123951111
Conc: 46.98 ng/ml m



#14 Endrin

R.T.: 5.575 min
Delta R.T.: 0.005 min
Response: 143771080
Conc: 54.03 ng/ml



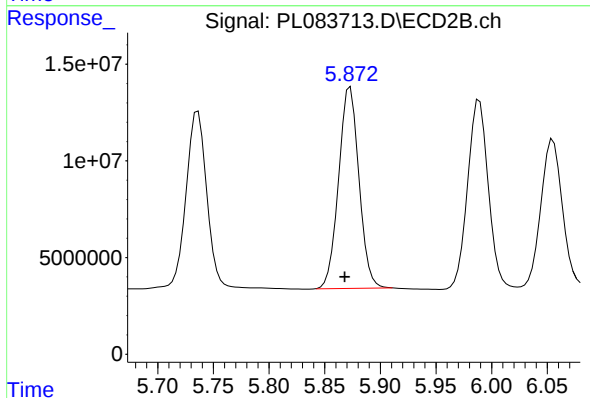
#15 Endosulfan II

R.T.: 6.707 min
Delta R.T.: 0.010 min
Response: 118165796
Conc: 49.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

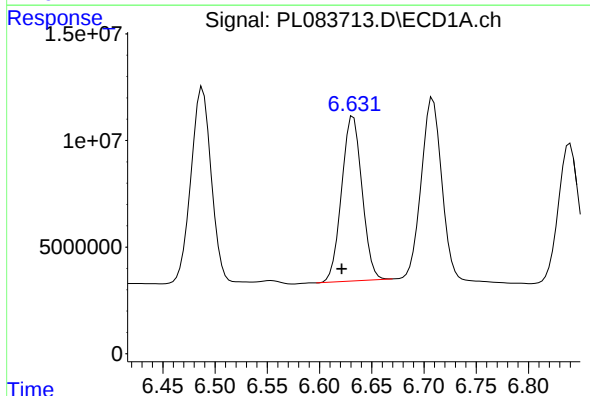
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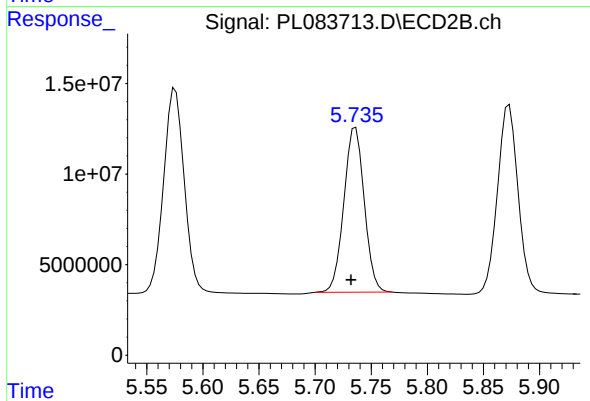
#15 Endosulfan II

R.T.: 5.873 min
Delta R.T.: 0.005 min
Response: 132476869
Conc: 51.69 ng/ml



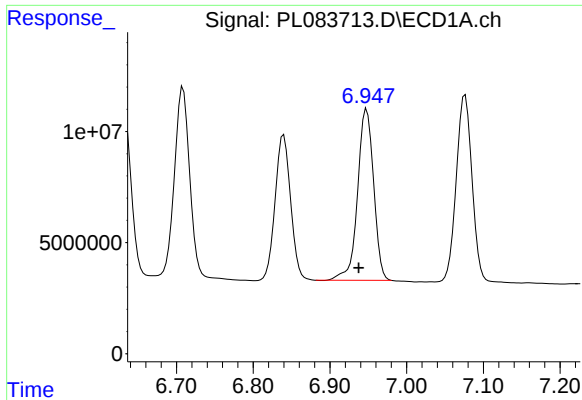
#16 4,4'-DDD

R.T.: 6.632 min
Delta R.T.: 0.011 min
Response: 104826131
Conc: 48.42 ng/ml



#16 4,4'-DDD

R.T.: 5.736 min
Delta R.T.: 0.004 min
Response: 114894198
Conc: 52.99 ng/ml



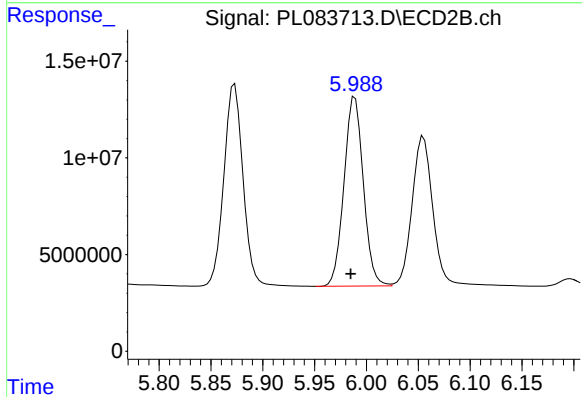
#17 4,4'-DDT

R.T.: 6.948 min
Delta R.T.: 0.011 min
Response: 112883143
Conc: 48.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

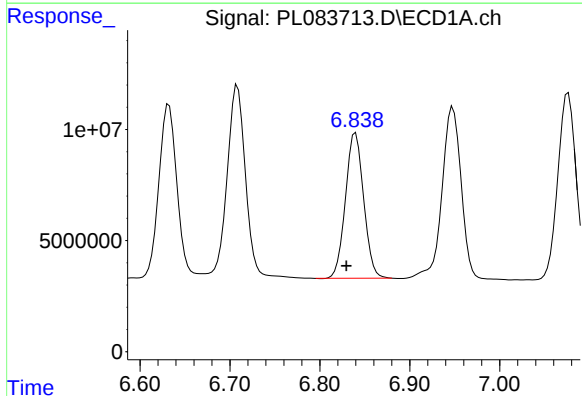
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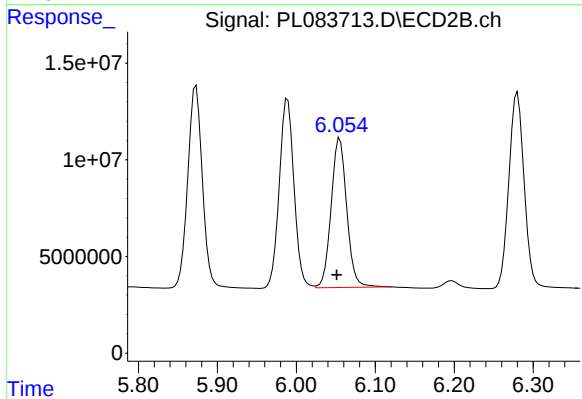
#17 4,4'-DDT

R.T.: 5.989 min
Delta R.T.: 0.004 min
Response: 126976773
Conc: 51.19 ng/ml



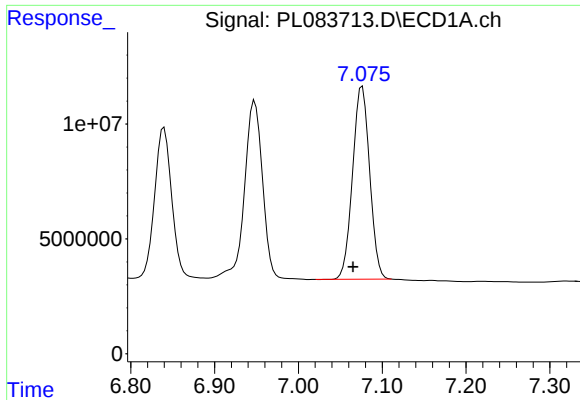
#18 Endrin aldehyde

R.T.: 6.840 min
Delta R.T.: 0.010 min
Response: 91698211
Conc: 49.55 ng/ml



#18 Endrin aldehyde

R.T.: 6.055 min
Delta R.T.: 0.004 min
Response: 106164351
Conc: 51.91 ng/ml



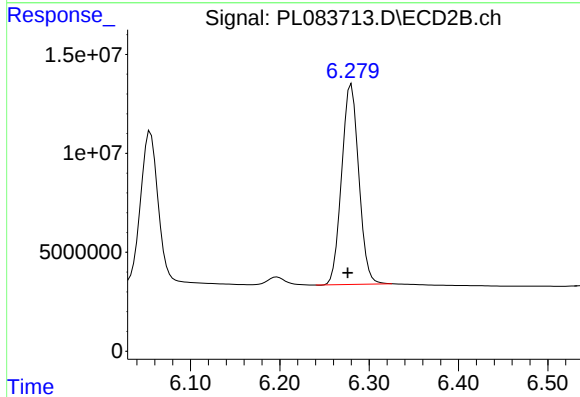
#19 Endosulfan Sulfate

R.T.: 7.076 min
Delta R.T.: 0.011 min
Response: 119210351
Conc: 49.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

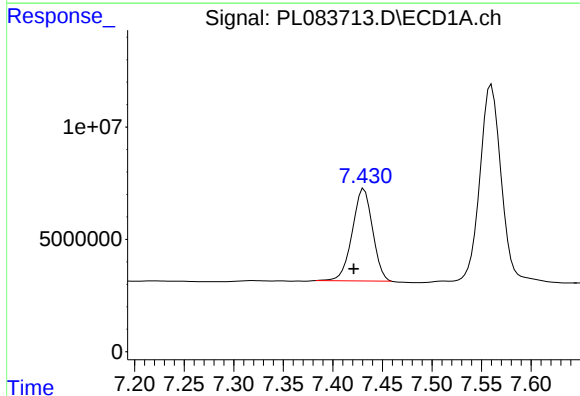
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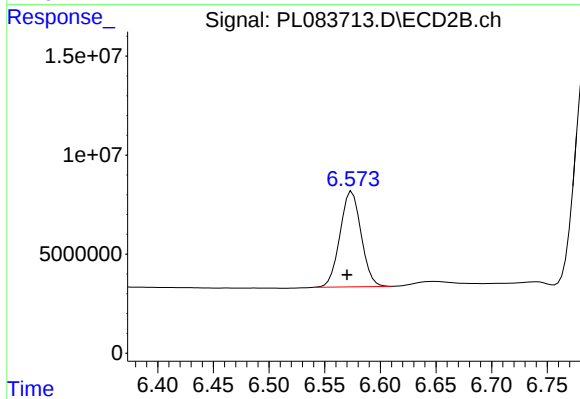
#19 Endosulfan Sulfate

R.T.: 6.280 min
Delta R.T.: 0.004 min
Response: 135113256
Conc: 51.92 ng/ml



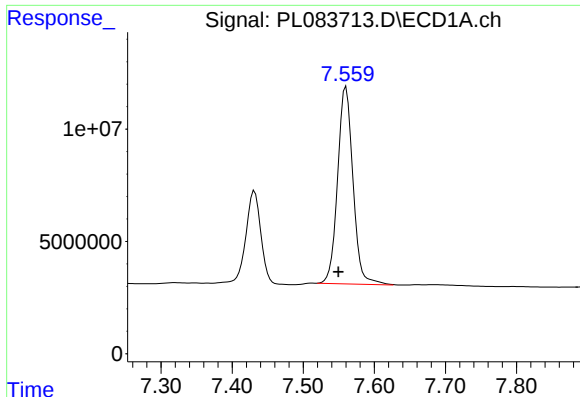
#20 Methoxychlor

R.T.: 7.431 min
Delta R.T.: 0.010 min
Response: 58659607
Conc: 50.71 ng/ml



#20 Methoxychlor

R.T.: 6.575 min
Delta R.T.: 0.004 min
Response: 63740454
Conc: 50.34 ng/ml



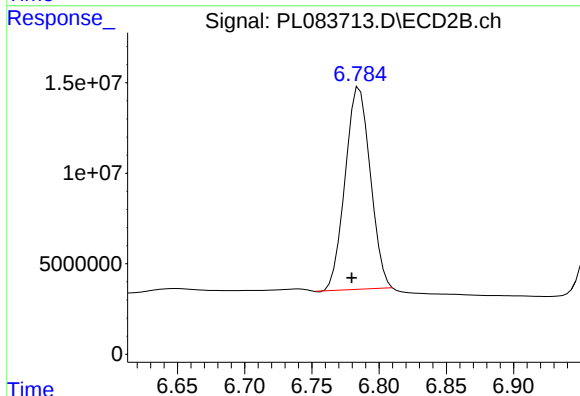
#21 Endrin ketone

R.T.: 7.559 min
Delta R.T.: 0.009 min
Response: 131877842
Conc: 56.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

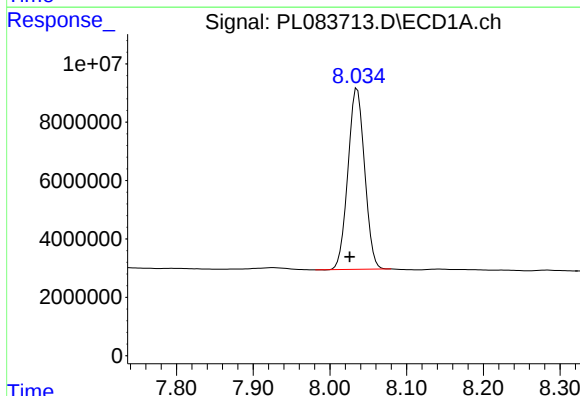
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/27/2023
Supervised By :Ankita Jodhani 06/27/2023



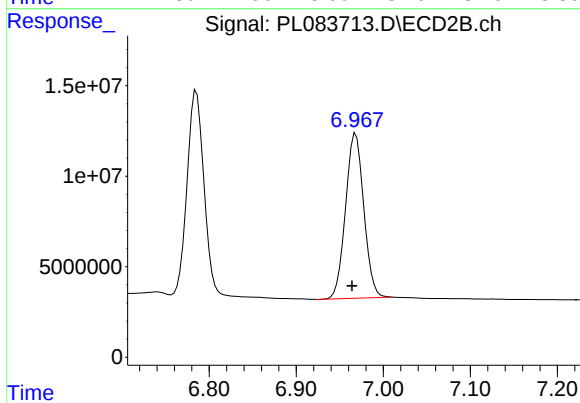
#21 Endrin ketone

R.T.: 6.785 min
Delta R.T.: 0.006 min
Response: 145189614
Conc: 50.09 ng/ml



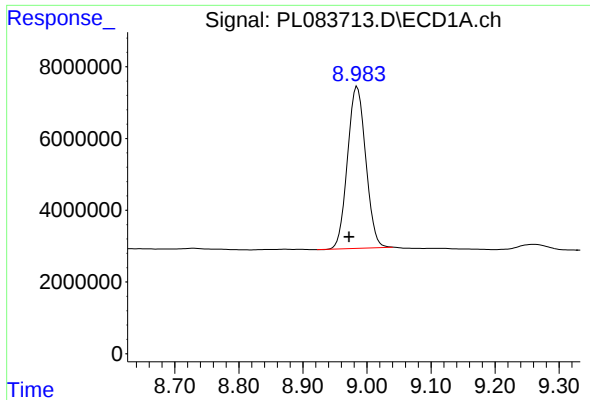
#22 Mirex

R.T.: 8.035 min
Delta R.T.: 0.010 min
Response: 94268176
Conc: 49.50 ng/ml



#22 Mirex

R.T.: 6.968 min
Delta R.T.: 0.004 min
Response: 132702537
Conc: 52.52 ng/ml



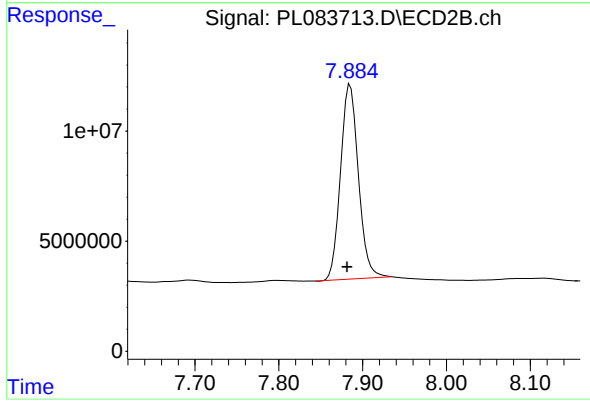
#28 Decachlorobiphenyl

R.T.: 8.985 min
Delta R.T.: 0.012 min
Response: 89147322
Conc: 52.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.885 min
Delta R.T.: 0.004 min
Response: 131363680
Conc: 53.13 ng/ml