

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050523\
 Data File : PL082544.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 May 2023 13:11
 Operator : AR\AJ
 Sample : PB152598BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB152598BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/08/2023
 Supervised By : Ankita Jodhani 05/08/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 05 21:14:25 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...	3.321	2.643	56172305	47481223	21.029	20.495
28)	SA Decachlor...	8.742	7.754	49622498	55239402	25.993	24.201
Target Compounds							
2)	A alpha-BHC	3.770	3.141	198.9E6	161.4E6	49.977	47.427
3)	MA gamma-BHC...	4.099	3.468	187.2E6	153.3E6	50.070	47.687
4)	MA Heptachlor	4.676	3.800	183.7E6	162.4E6	50.288m	47.448
5)	MB Aldrin	5.014	4.076	171.5E6	157.4E6	52.015	49.980
6)	B beta-BHC	4.302	3.768	80806020	62351231	47.380	45.699
7)	B delta-BHC	4.543	3.994	182.0E6	151.3E6	50.581	49.327
8)	B Heptachlo...	5.440	4.578	156.9E6	141.9E6	51.430	49.245
9)	A Endosulfan I	5.821	4.945	144.1E6	132.6E6	51.977	49.682
10)	B gamma-Chl...	5.694	4.826	156.7E6	143.5E6	52.103m	49.446
11)	B alpha-Chl...	5.773	4.889	156.3E6	143.6E6	52.376	49.455
12)	B 4,4'-DDE	5.952	5.080	137.3E6	120.9E6	54.029	52.586
13)	MA Dieldrin	6.096	5.209	145.5E6	136.4E6	52.748	50.496
14)	MA Endrin	6.323	5.484	128.1E6	124.0E6	52.819	50.685
15)	B Endosulfa...	6.545	5.780	120.6E6	117.9E6	49.521	52.321
16)	A 4,4'-DDD	6.467	5.635	110.8E6	101.0E6	54.634	54.007
17)	MA 4,4'-DDT	6.779	5.883	116.9E6	112.5E6	51.106	53.260
18)	B Endrin al...	6.676	5.960	98515574	96790602	52.286	51.722
19)	B Endosulfa...	6.910	6.183	123.4E6	121.2E6	52.016	51.468
20)	A Methoxychlor	7.260	6.463	64510326	62932735	52.863	51.932
21)	B Endrin ke...	7.390	6.686	127.7E6	134.0E6	53.336	52.789m
22)	Mirex	7.854	6.860	96767712	108.5E6	49.464	47.108

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050523\
Data File : PL082544.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2023 13:11
Operator : AR\AJ
Sample : PB152598BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB152598BS

Manual Integrations

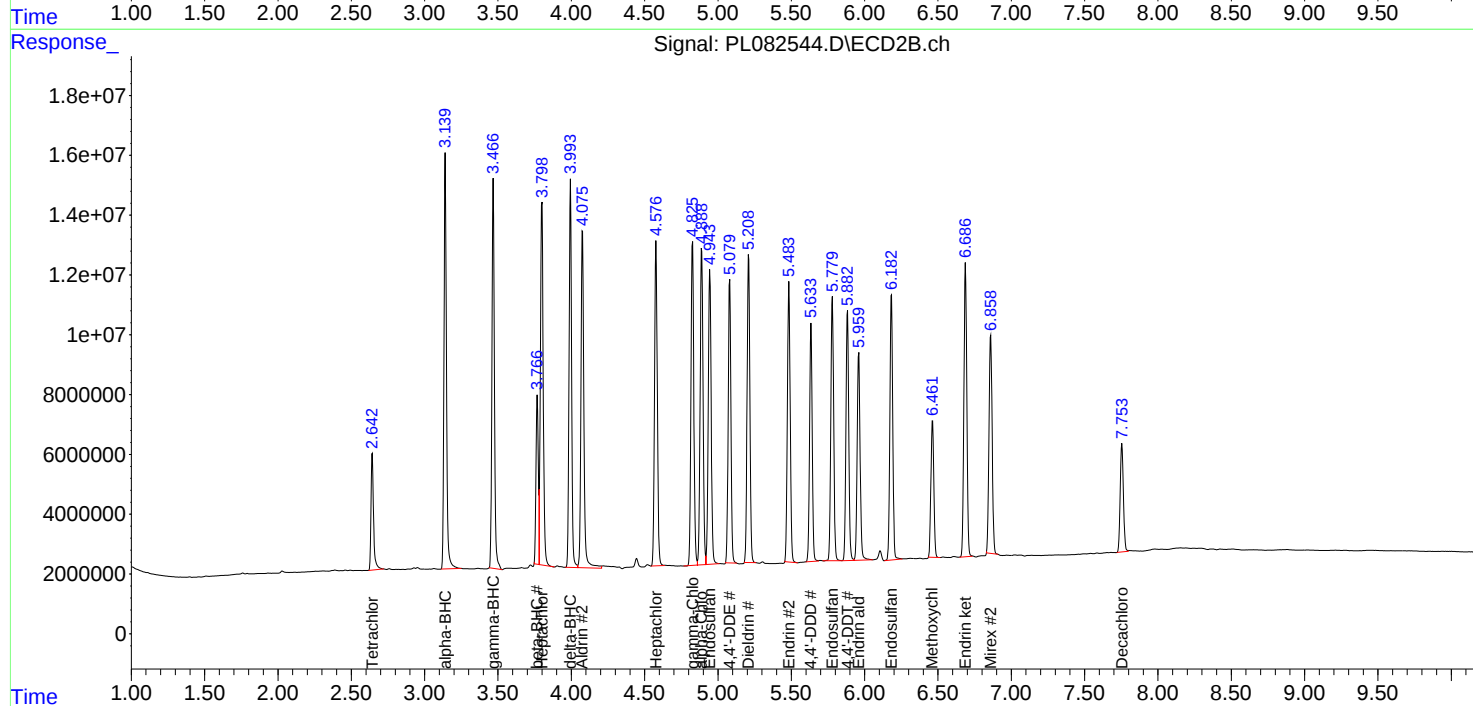
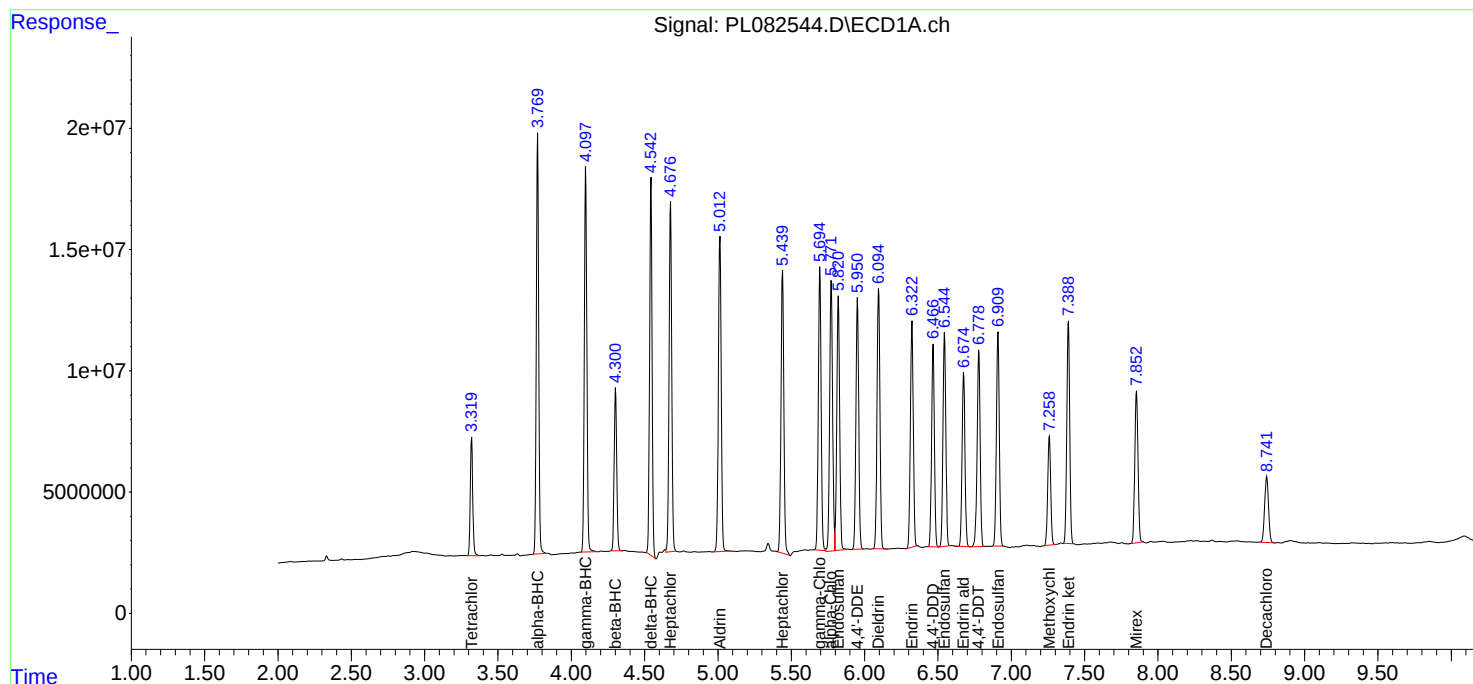
APPROVED

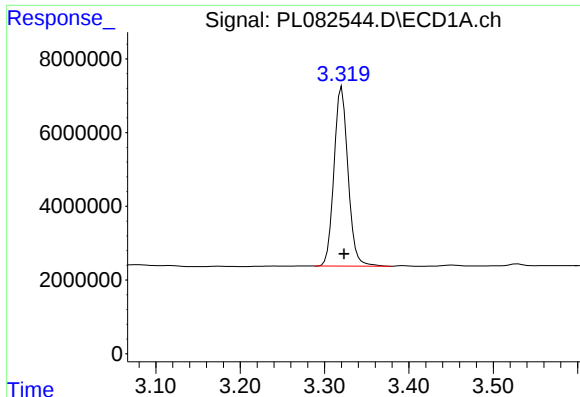
Reviewed By :Abdul Mirza 05/08/2023

Supervised By :Ankita Jodhani 05/08/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 05 21:14:25 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





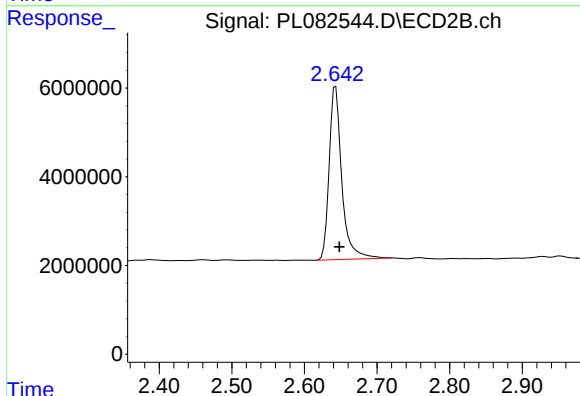
#1 Tetrachloro-m-xylene

R.T.: 3.321 min
Delta R.T.: -0.002 min
Response: 56172305
Conc: 21.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152598BS

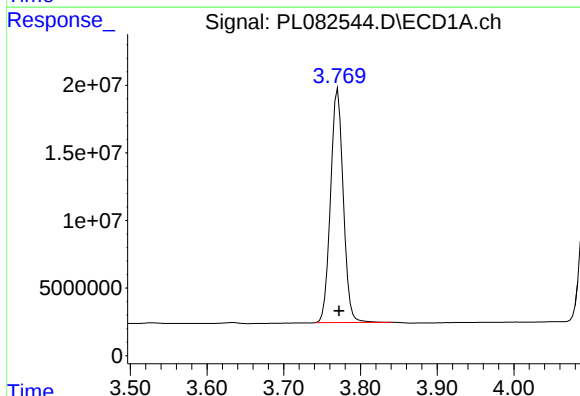
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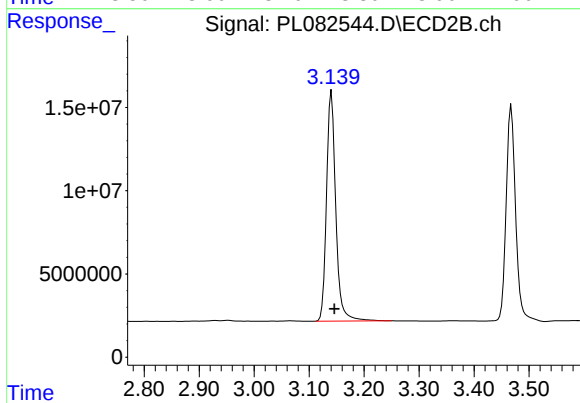
#1 Tetrachloro-m-xylene

R.T.: 2.643 min
Delta R.T.: -0.005 min
Response: 47481223
Conc: 20.49 ng/ml



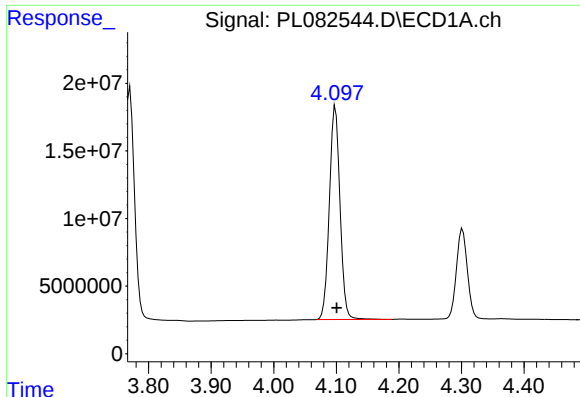
#2 alpha-BHC

R.T.: 3.770 min
Delta R.T.: -0.002 min
Response: 198919128
Conc: 49.98 ng/ml



#2 alpha-BHC

R.T.: 3.141 min
Delta R.T.: -0.006 min
Response: 161416525
Conc: 47.43 ng/ml



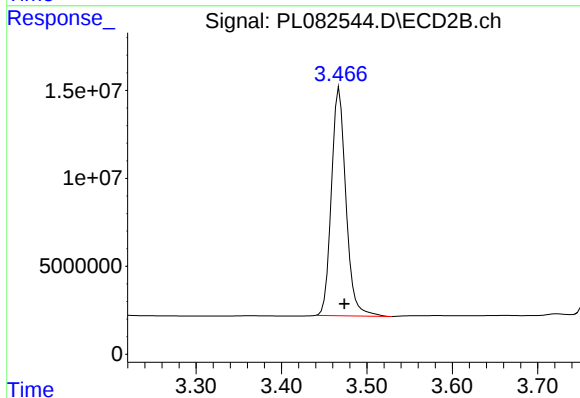
#3 gamma-BHC (Lindane)

R.T.: 4.099 min
Delta R.T.: -0.002 min
Response: 187206591
Conc: 50.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152598BS

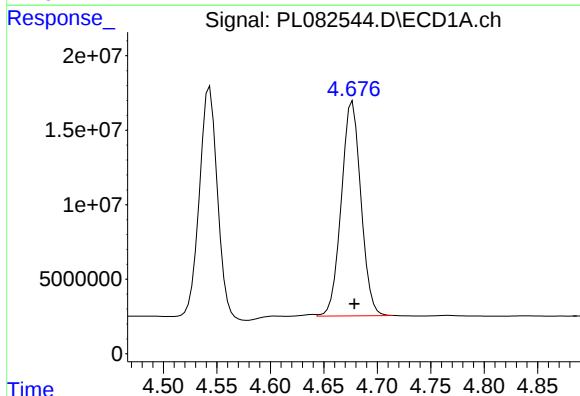
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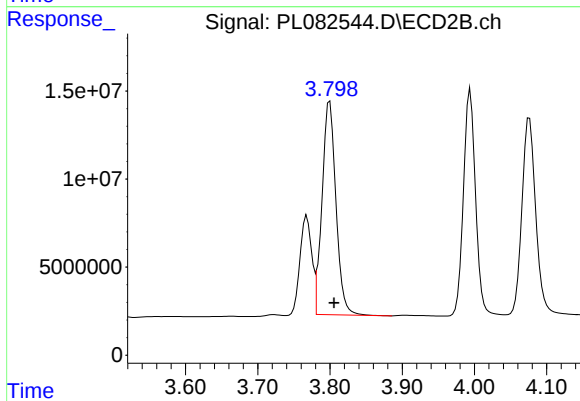
#3 gamma-BHC (Lindane)

R.T.: 3.468 min
Delta R.T.: -0.006 min
Response: 153325661
Conc: 47.69 ng/ml



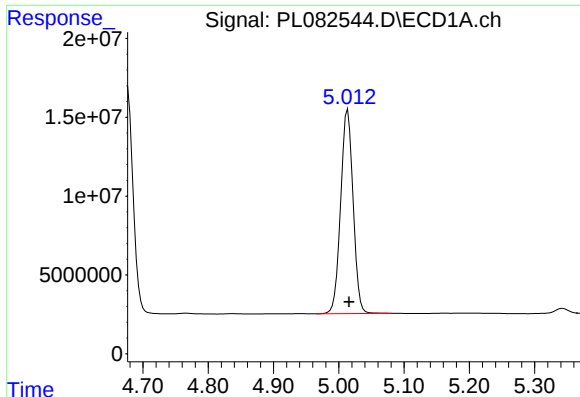
#4 Heptachlor

R.T.: 4.676 min
Delta R.T.: -0.003 min
Response: 183748533
Conc: 50.29 ng/ml m



#4 Heptachlor

R.T.: 3.800 min
Delta R.T.: -0.006 min
Response: 162425891
Conc: 47.45 ng/ml



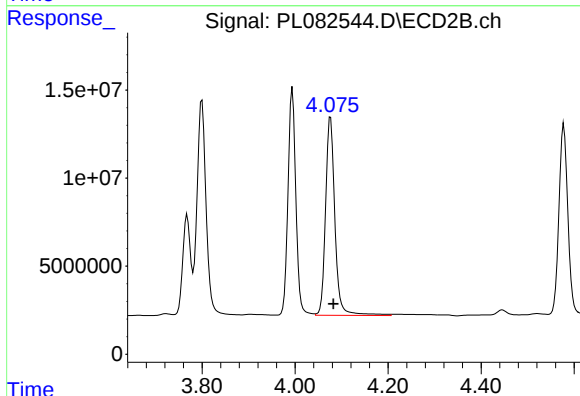
#5 Aldrin

R.T.: 5.014 min
Delta R.T.: -0.002 min
Response: 171525215
Conc: 52.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152598BS

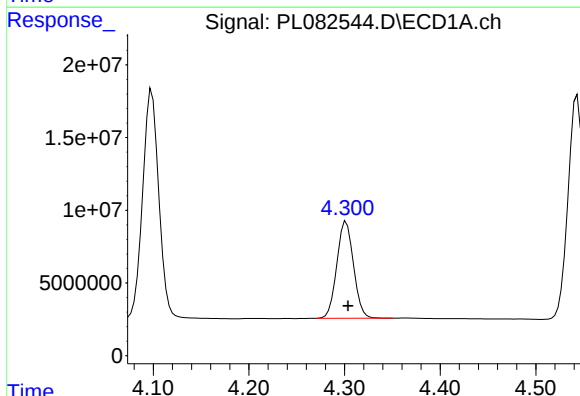
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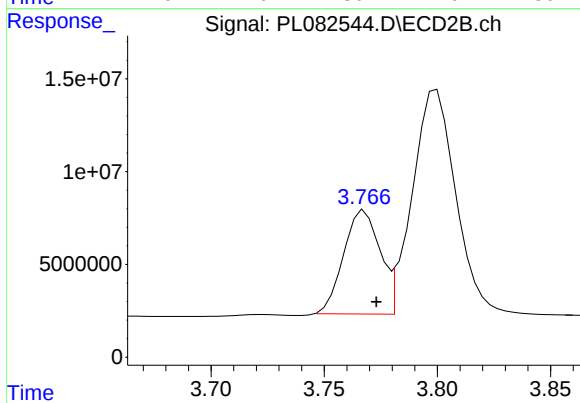
#5 Aldrin

R.T.: 4.076 min
Delta R.T.: -0.006 min
Response: 157430683
Conc: 49.98 ng/ml



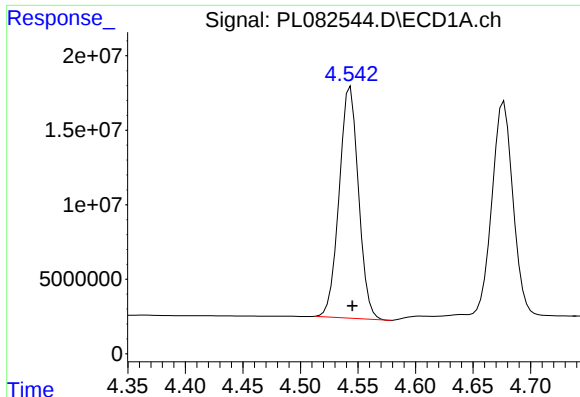
#6 beta-BHC

R.T.: 4.302 min
Delta R.T.: -0.002 min
Response: 80806020
Conc: 47.38 ng/ml



#6 beta-BHC

R.T.: 3.768 min
Delta R.T.: -0.005 min
Response: 62351231
Conc: 45.70 ng/ml



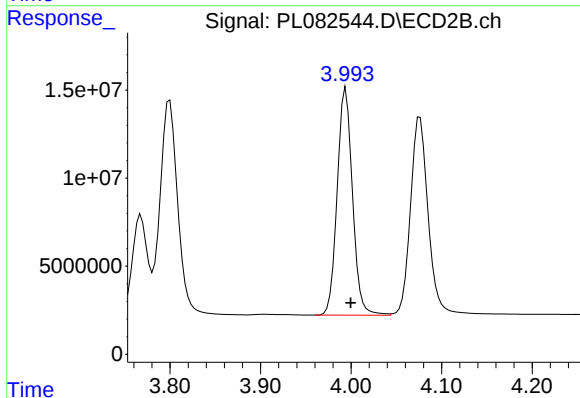
#7 delta-BHC

R.T.: 4.543 min
Delta R.T.: -0.002 min
Response: 181980680
Conc: 50.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152598BS

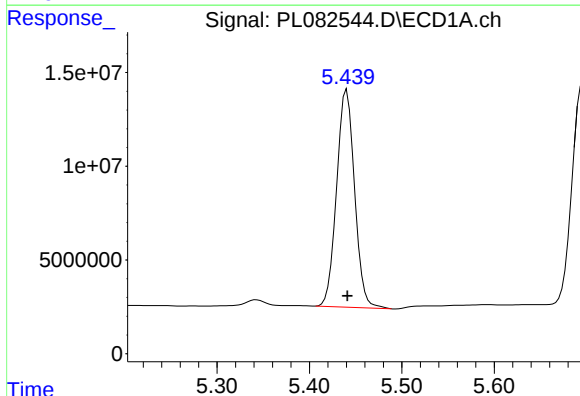
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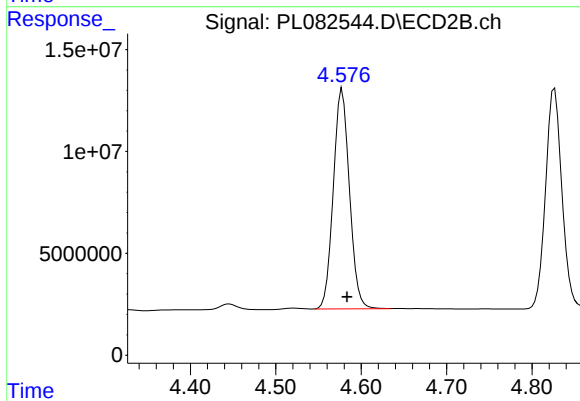
#7 delta-BHC

R.T.: 3.994 min
Delta R.T.: -0.005 min
Response: 151304825
Conc: 49.33 ng/ml



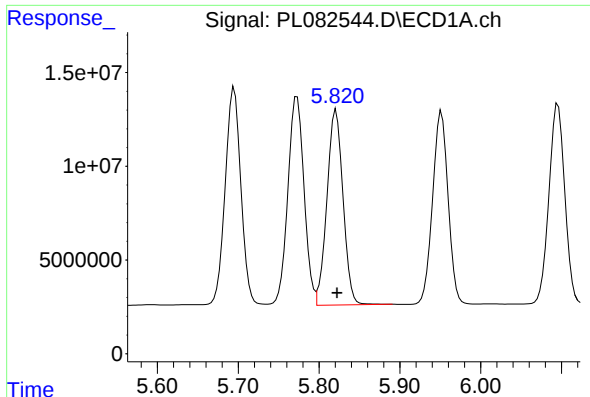
#8 Heptachlor epoxide

R.T.: 5.440 min
Delta R.T.: 0.000 min
Response: 156879143
Conc: 51.43 ng/ml



#8 Heptachlor epoxide

R.T.: 4.578 min
Delta R.T.: -0.006 min
Response: 141869386
Conc: 49.25 ng/ml



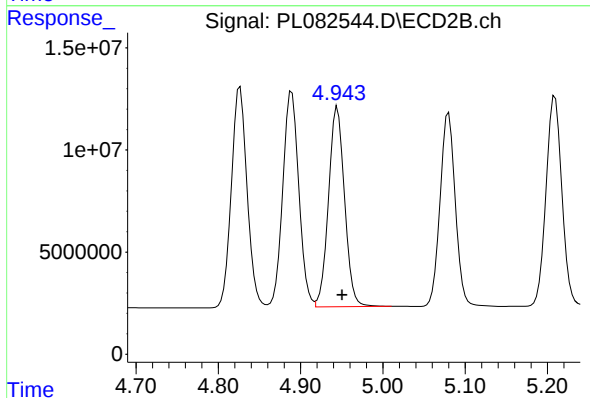
#9 Endosulfan I

R.T.: 5.821 min
Delta R.T.: -0.001 min
Response: 144117561
Conc: 51.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152598BS

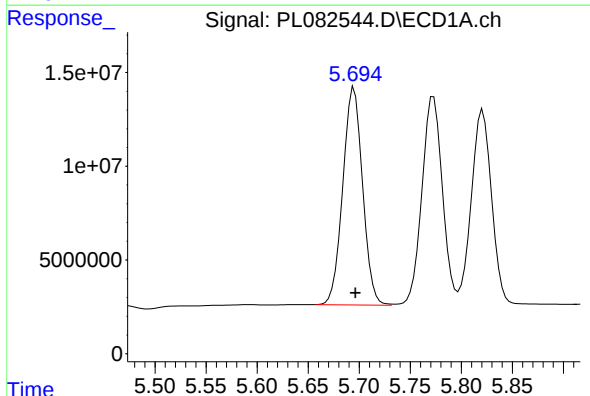
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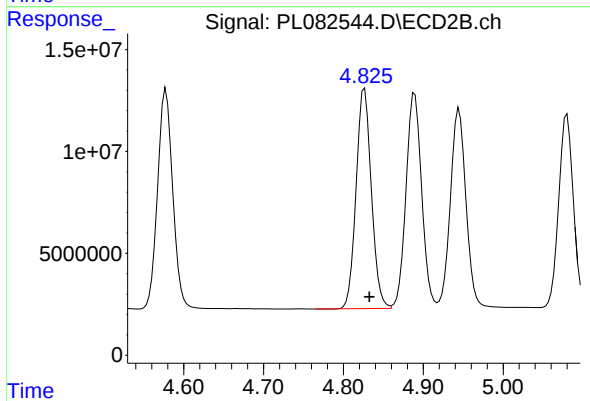
#9 Endosulfan I

R.T.: 4.945 min
Delta R.T.: -0.006 min
Response: 132623295
Conc: 49.68 ng/ml



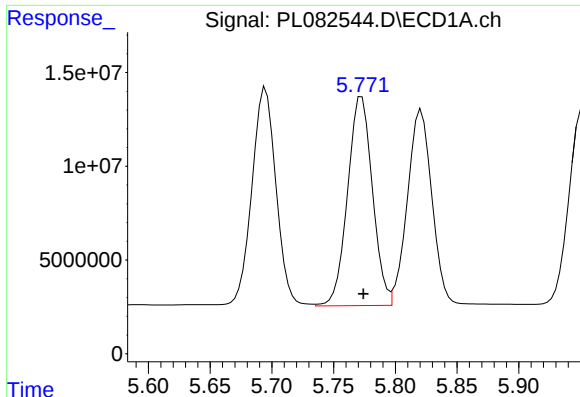
#10 gamma-Chlordane

R.T.: 5.694 min
Delta R.T.: -0.002 min
Response: 156666320
Conc: 52.10 ng/ml m



#10 gamma-Chlordane

R.T.: 4.826 min
Delta R.T.: -0.006 min
Response: 143486105
Conc: 49.45 ng/ml



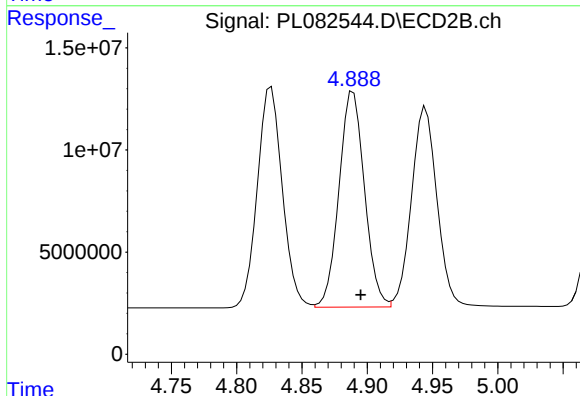
#11 alpha-Chlordane

R.T.: 5.773 min
Delta R.T.: -0.001 min
Response: 156322443
Conc: 52.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152598BS

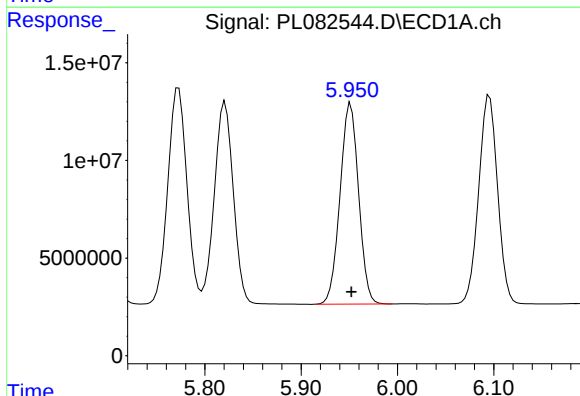
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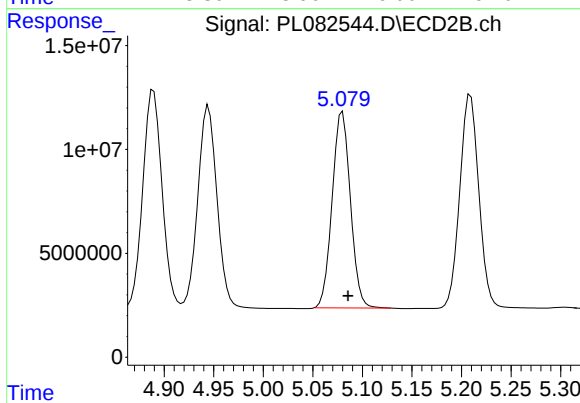
#11 alpha-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.006 min
Response: 143560450
Conc: 49.46 ng/ml



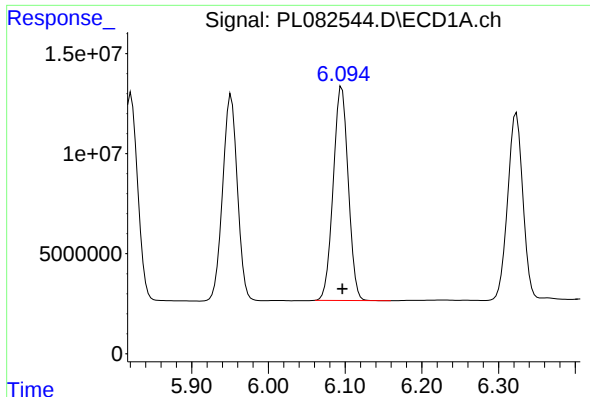
#12 4,4'-DDE

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 137343065
Conc: 54.03 ng/ml



#12 4,4'-DDE

R.T.: 5.080 min
Delta R.T.: -0.006 min
Response: 120892212
Conc: 52.59 ng/ml



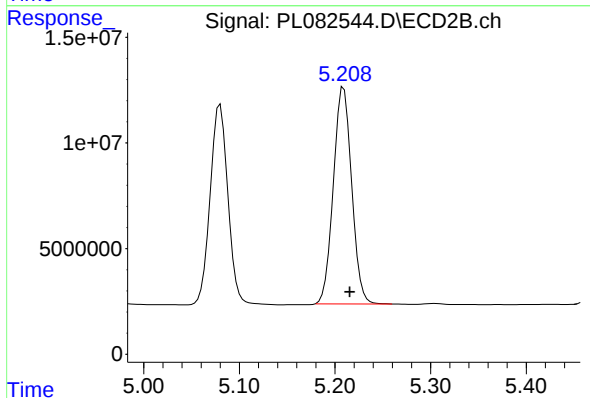
#13 Dieldrin

R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 145538917
Conc: 52.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152598BS

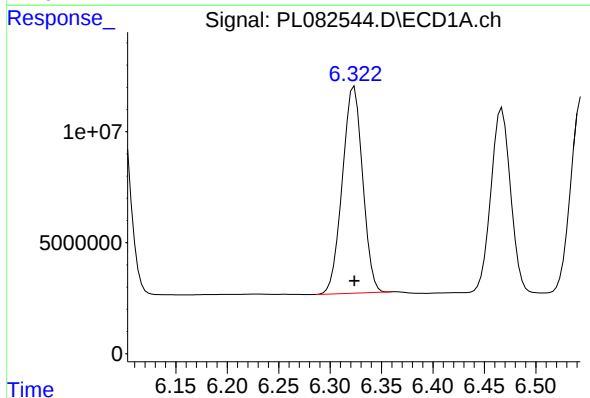
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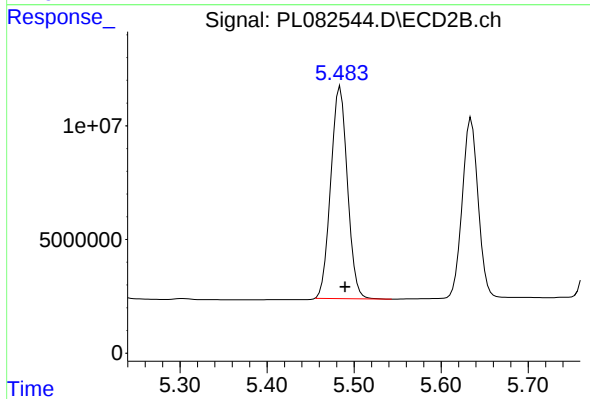
#13 Dieldrin

R.T.: 5.209 min
Delta R.T.: -0.006 min
Response: 136358397
Conc: 50.50 ng/ml



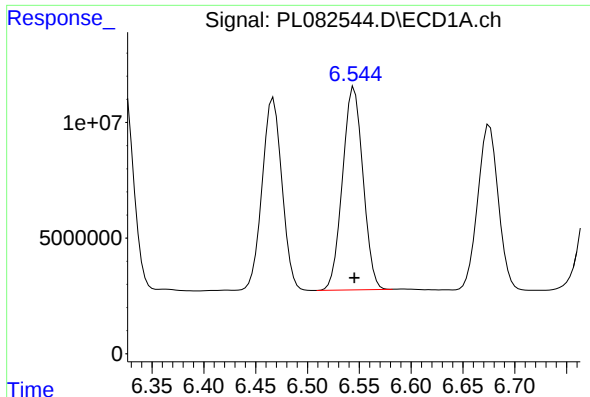
#14 Endrin

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 128061832
Conc: 52.82 ng/ml



#14 Endrin

R.T.: 5.484 min
Delta R.T.: -0.005 min
Response: 123972571
Conc: 50.68 ng/ml



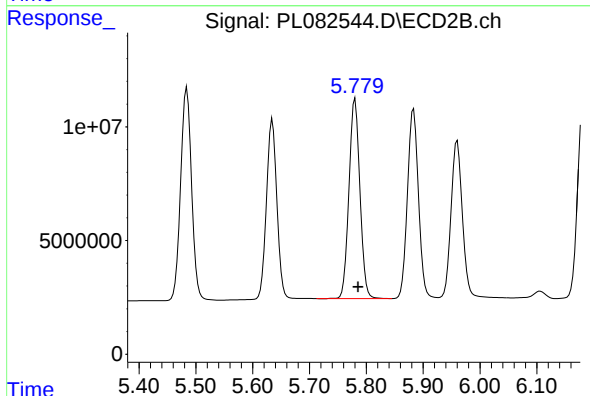
#15 Endosulfan II

R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 120562674
Conc: 49.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152598BS

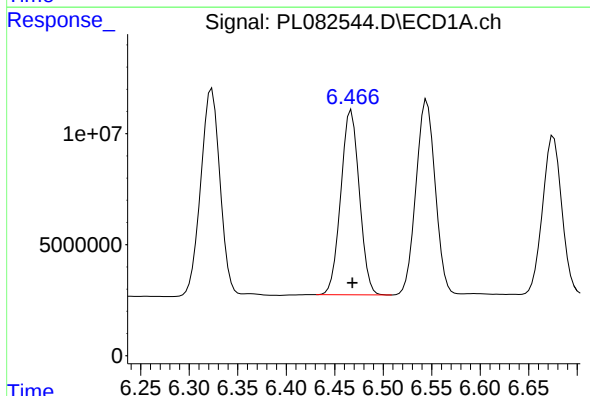
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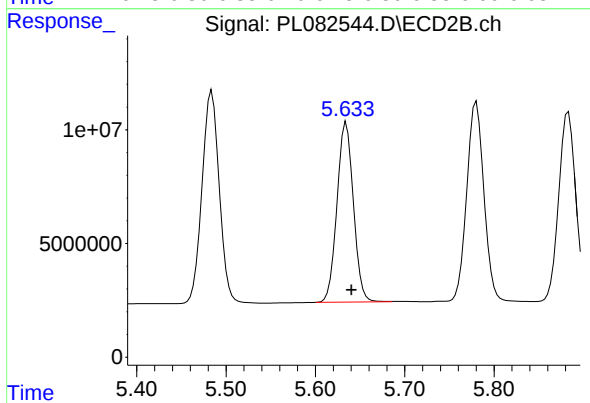
#15 Endosulfan II

R.T.: 5.780 min
Delta R.T.: -0.005 min
Response: 117938106
Conc: 52.32 ng/ml



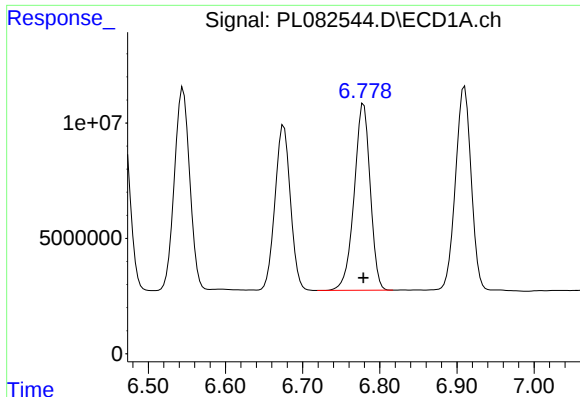
#16 4,4'-DDD

R.T.: 6.467 min
Delta R.T.: -0.001 min
Response: 110754808
Conc: 54.63 ng/ml



#16 4,4'-DDD

R.T.: 5.635 min
Delta R.T.: -0.006 min
Response: 101015092
Conc: 54.01 ng/ml



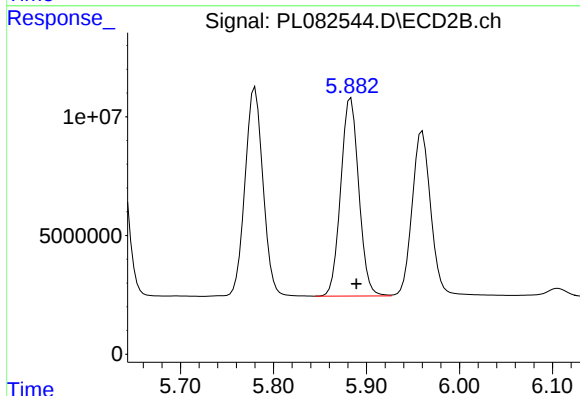
#17 4,4'-DDT

R.T.: 6.779 min
Delta R.T.: 0.000 min
Response: 116916941
Conc: 51.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152598BS

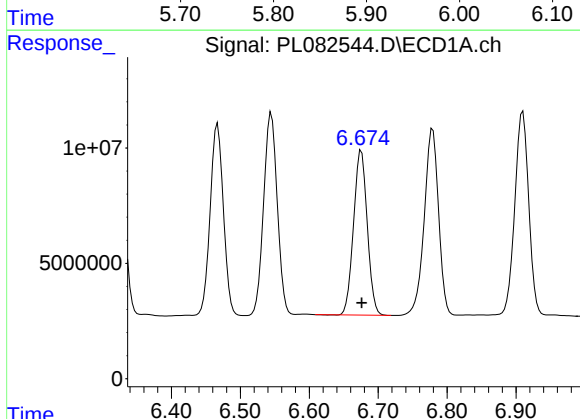
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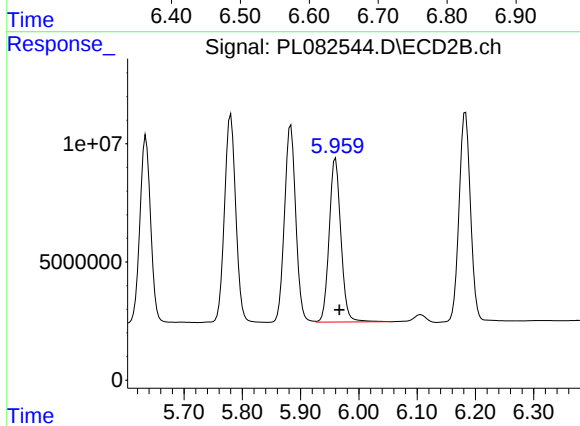
#17 4,4'-DDT

R.T.: 5.883 min
Delta R.T.: -0.006 min
Response: 112517671
Conc: 53.26 ng/ml



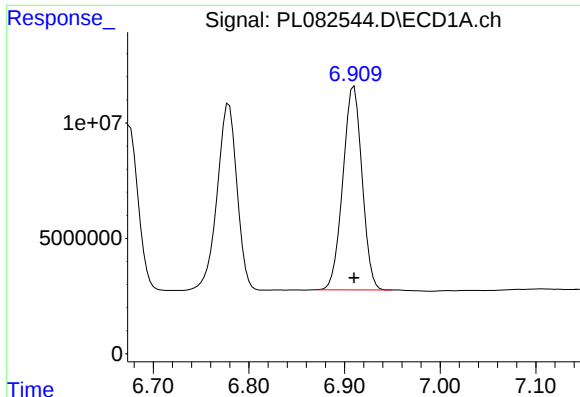
#18 Endrin aldehyde

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 98515574
Conc: 52.29 ng/ml



#18 Endrin aldehyde

R.T.: 5.960 min
Delta R.T.: -0.006 min
Response: 96790602
Conc: 51.72 ng/ml



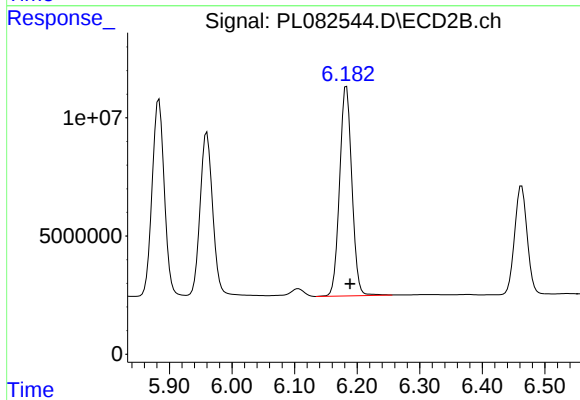
#19 Endosulfan Sulfate

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 123357669
Conc: 52.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152598BS

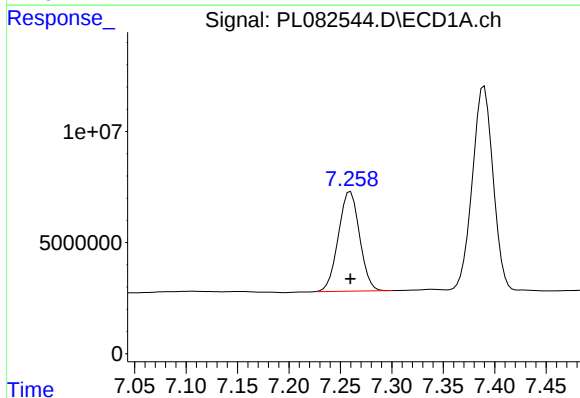
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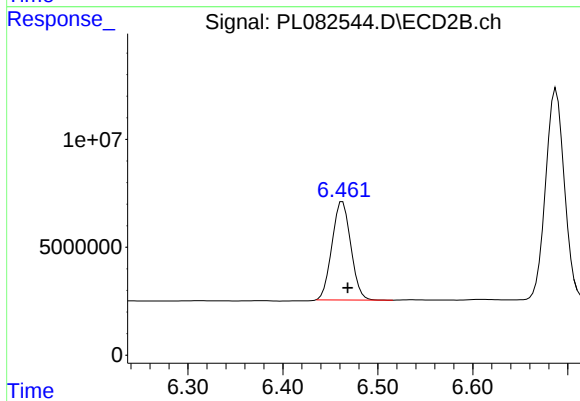
#19 Endosulfan Sulfate

R.T.: 6.183 min
Delta R.T.: -0.006 min
Response: 121170860
Conc: 51.47 ng/ml



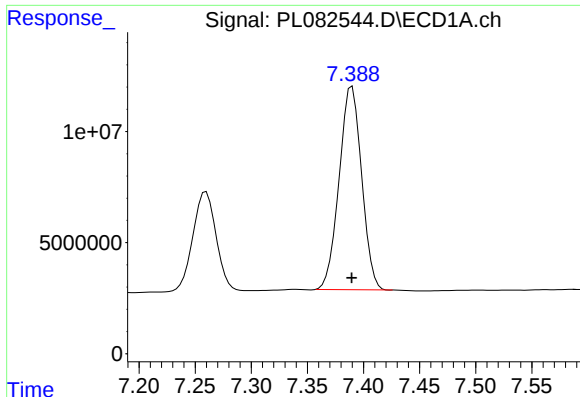
#20 Methoxychlor

R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 64510326
Conc: 52.86 ng/ml



#20 Methoxychlor

R.T.: 6.463 min
Delta R.T.: -0.005 min
Response: 62932735
Conc: 51.93 ng/ml



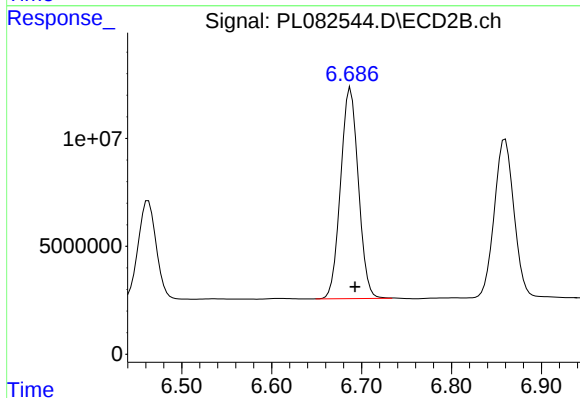
#21 Endrin ketone

R.T.: 7.390 min
Delta R.T.: 0.000 min
Response: 127707491
Conc: 53.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152598BS

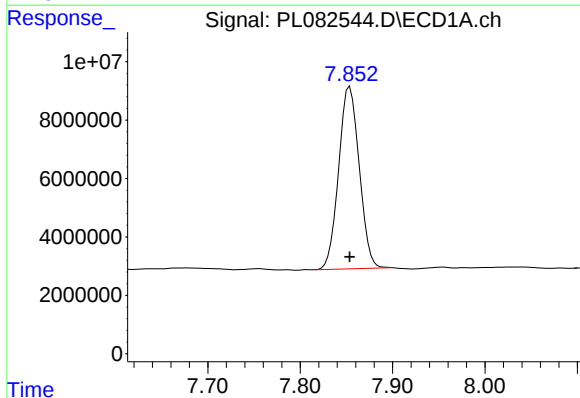
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/08/2023
Supervised By :Ankita Jodhani 05/08/2023



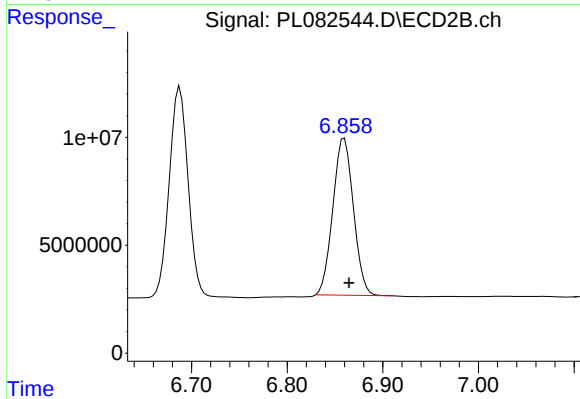
#21 Endrin ketone

R.T.: 6.686 min
Delta R.T.: -0.006 min
Response: 133988928
Conc: 52.79 ng/ml m



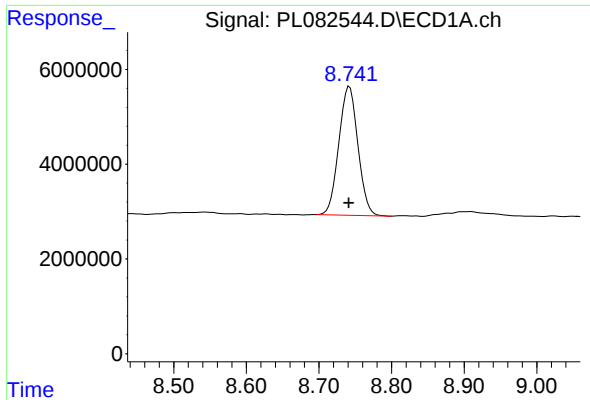
#22 Mirex

R.T.: 7.854 min
Delta R.T.: 0.000 min
Response: 96767712
Conc: 49.46 ng/ml



#22 Mirex

R.T.: 6.860 min
Delta R.T.: -0.005 min
Response: 108548382
Conc: 47.11 ng/ml



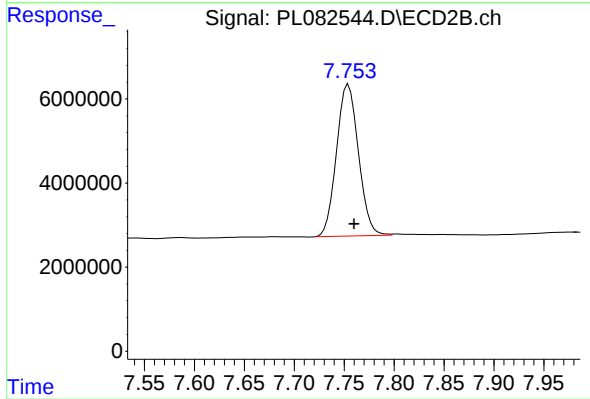
#28 Decachlorobiphenyl

R.T.: 8.742 min
Delta R.T.: 0.001 min
Response: 49622498
Conc: 25.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152598BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.754 min
Delta R.T.: -0.006 min
Response: 55239402
Conc: 24.20 ng/ml