

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL093024\
 Data File : PL092149.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Sep 2024 15:14
 Operator : AR\AJ
 Sample : PB163783BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB163783BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/01/2024
 Supervised By :Ankita Jodhani 10/01/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 01 03:21:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 2024
 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...	3.543	2.781	38222136	43027178	17.181	17.155
28)	SA Decachlor...	9.061	7.921	28288354	44519092	17.268	17.794
Target Compounds							
2)	A alpha-BHC	4.000	3.284	151.8E6	189.2E6	49.011	51.937
3)	MA gamma-BHC...	4.332	3.614	147.0E6	180.2E6	47.430	51.039
4)	MA Heptachlor	4.921	3.954	136.2E6	181.6E6	49.243	52.639
5)	MB Aldrin	5.263	4.234	129.3E6	171.0E6	46.546	50.266
6)	B beta-BHC	4.530	3.914	64689110	77477180	48.771	51.545
7)	B delta-BHC	4.777	4.143	137.0E6	176.9E6	47.512	50.941
8)	B Heptachlo...	5.689	4.736	118.9E6	167.9E6	46.734	55.538
9)	A Endosulfan I	6.074	5.106	111.7E6	144.2E6	48.298	52.543
10)	B gamma-Chl...	5.945	4.986	120.9E6	159.3E6	48.909	52.935
11)	B alpha-Chl...	6.024	5.051	120.9E6	157.3E6	49.064	52.552
12)	B 4,4'-DDE	6.197	5.239	104.8E6	148.1E6	48.440	53.309
13)	MA Dieldrin	6.350	5.370	117.3E6	154.2E6	48.092	52.608
14)	MA Endrin	6.578	5.647	101.7E6	139.3E6	49.348m	53.127
15)	B Endosulfa...	6.799	5.941	105.0E6	132.4E6	47.722	52.925
16)	A 4,4'-DDD	6.714	5.794	85010842	112.7E6	47.341	52.757
17)	MA 4,4'-DDT	7.028	6.044	92564166	122.6E6	50.274	53.018
18)	B Endrin al...	6.929	6.120	79731269	101.7E6	45.750	49.828
19)	B Endosulfa...	7.163	6.343	94343652	125.9E6	47.594	52.174
20)	A Methoxychlor	7.504	6.620	46726392	63891777	47.597	51.099
21)	B Endrin ke...	7.649	6.848	104.0E6	143.2E6	47.337	51.715
22)	Mirex	8.122	7.029	80996776	115.3E6	44.973	47.381

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL093024\
Data File : PL092149.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Sep 2024 15:14
Operator : AR\AJ
Sample : PB163783BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB163783BS

Manual Integrations

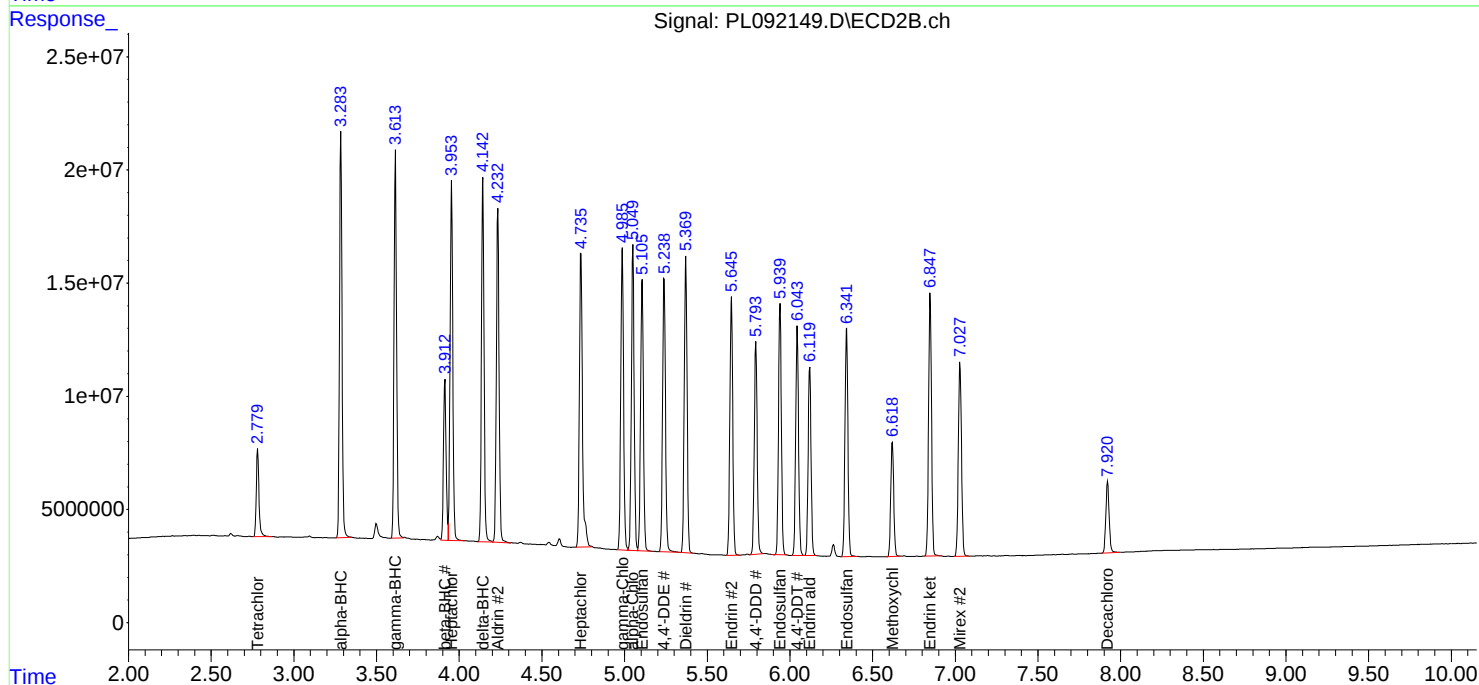
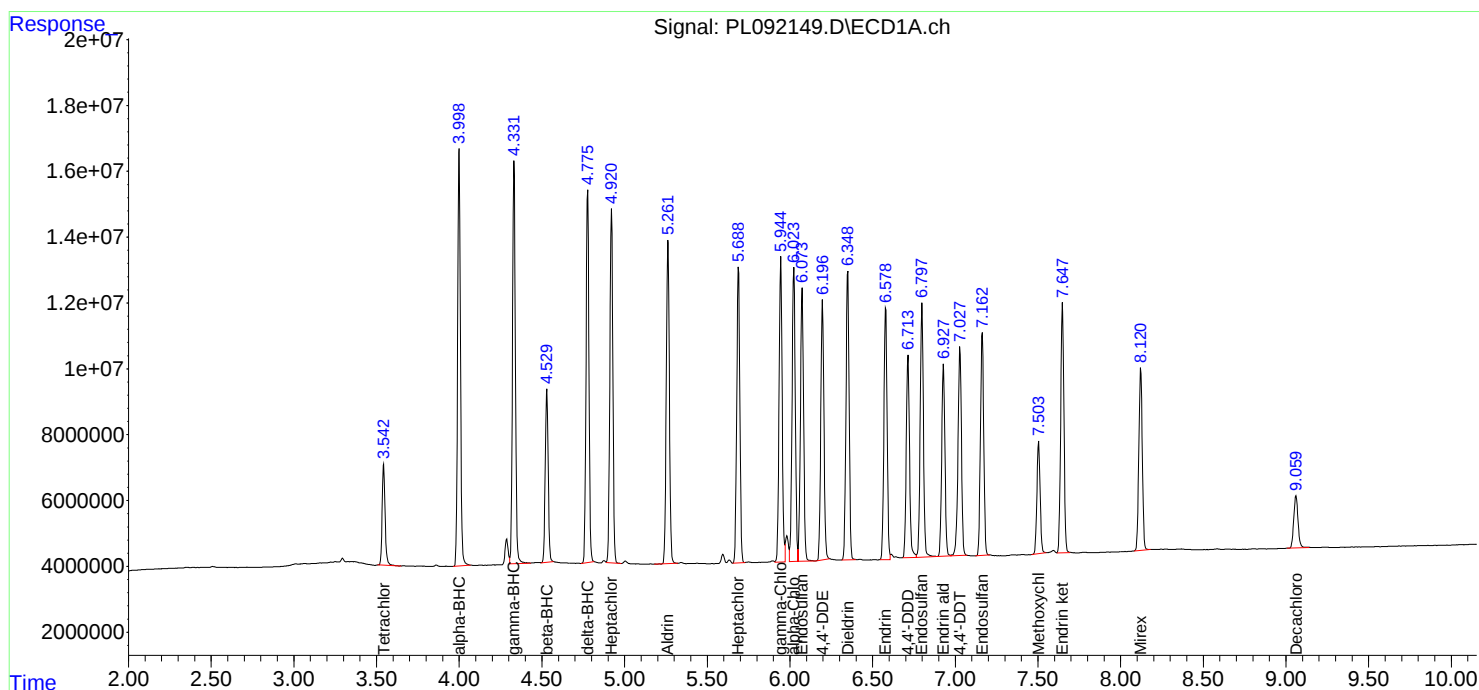
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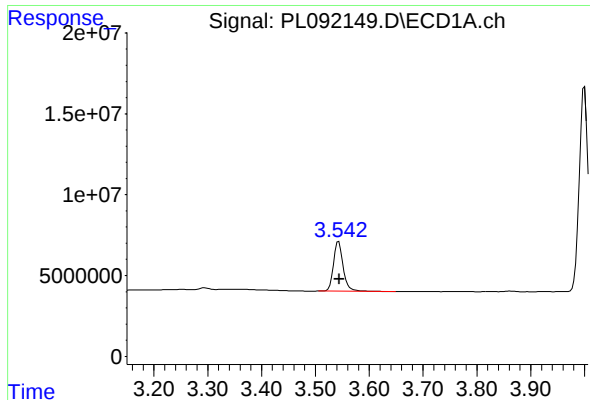
Reviewed By :Abdul Mirza 10/01/2024

Supervised By :Ankita Jodhani 10/01/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 01 03:21:18 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
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





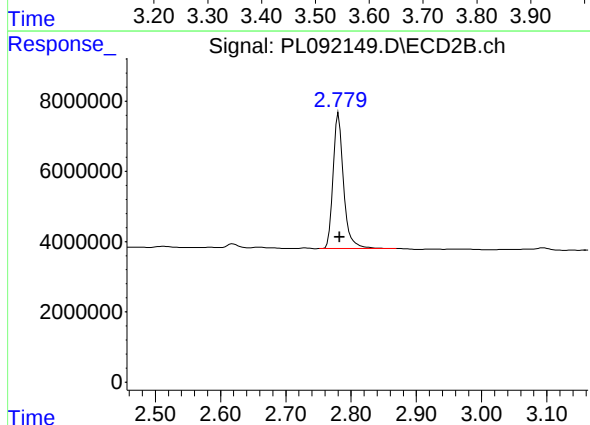
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: 0.000 min
Response: 38222136
Conc: 17.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163783BS

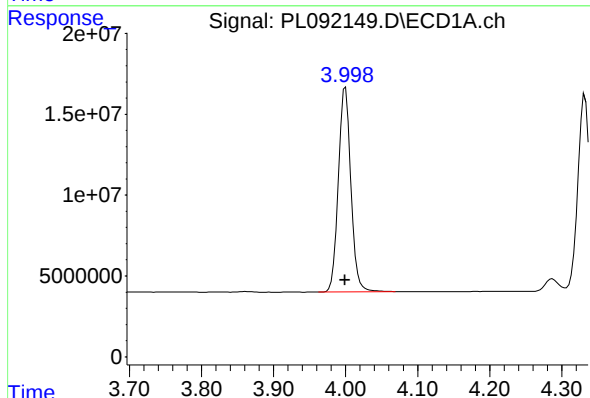
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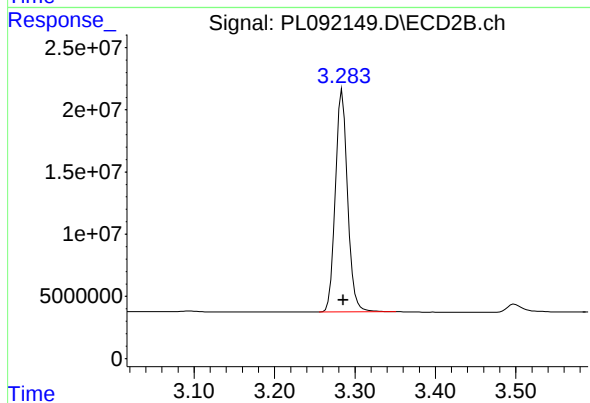
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: -0.001 min
Response: 43027178
Conc: 17.16 ng/ml



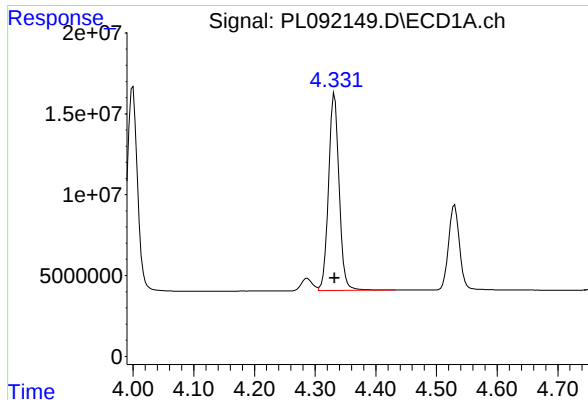
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 151762077
Conc: 49.01 ng/ml



#2 alpha-BHC

R.T.: 3.284 min
Delta R.T.: -0.001 min
Response: 189224350
Conc: 51.94 ng/ml



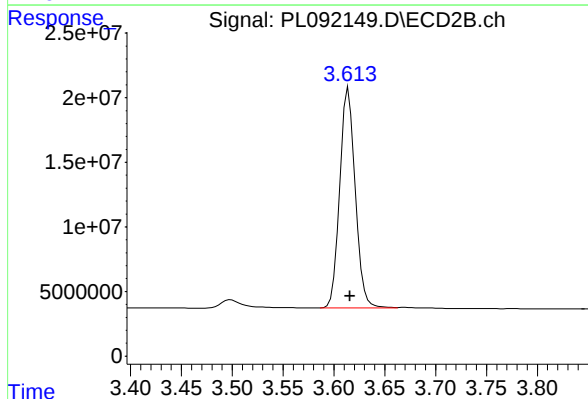
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 146976478
Conc: 47.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163783BS

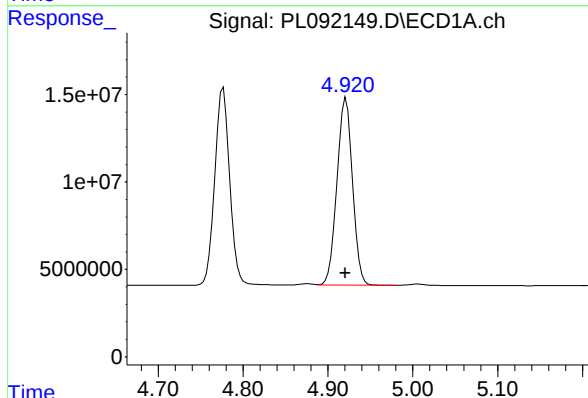
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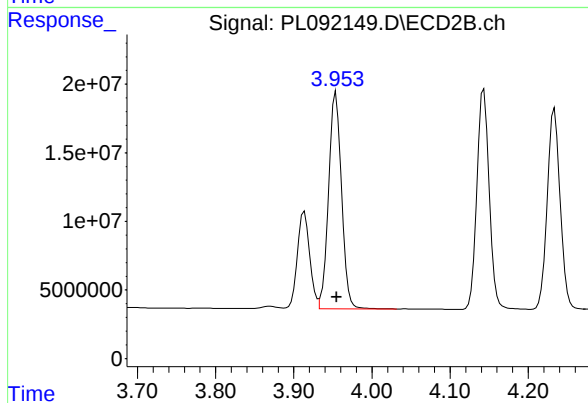
#3 gamma-BHC (Lindane)

R.T.: 3.614 min
Delta R.T.: -0.002 min
Response: 180217718
Conc: 51.04 ng/ml



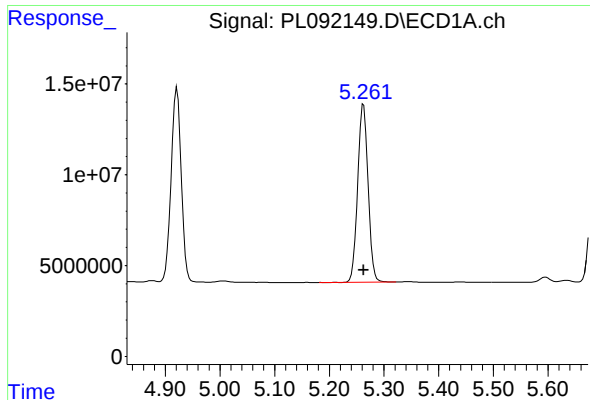
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 136178790
Conc: 49.24 ng/ml



#4 Heptachlor

R.T.: 3.954 min
Delta R.T.: -0.001 min
Response: 181636771
Conc: 52.64 ng/ml



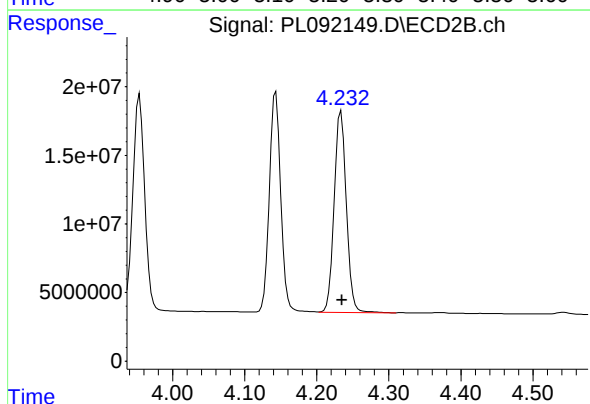
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 129286430
Conc: 46.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163783BS

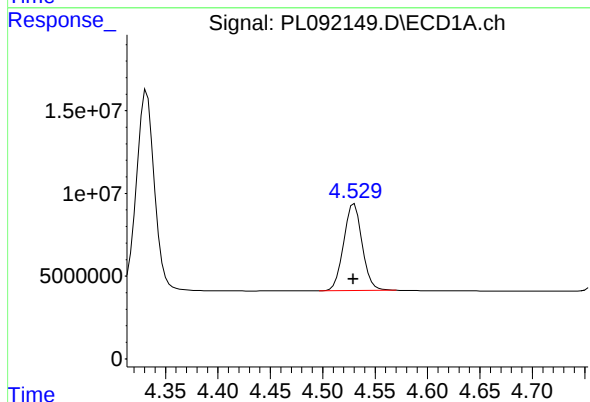
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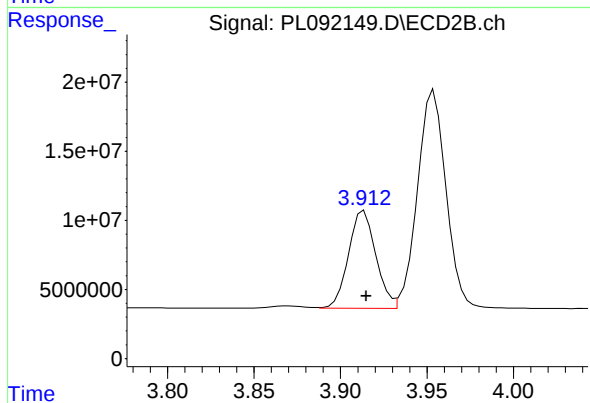
#5 Aldrin

R.T.: 4.234 min
Delta R.T.: -0.002 min
Response: 170958459
Conc: 50.27 ng/ml



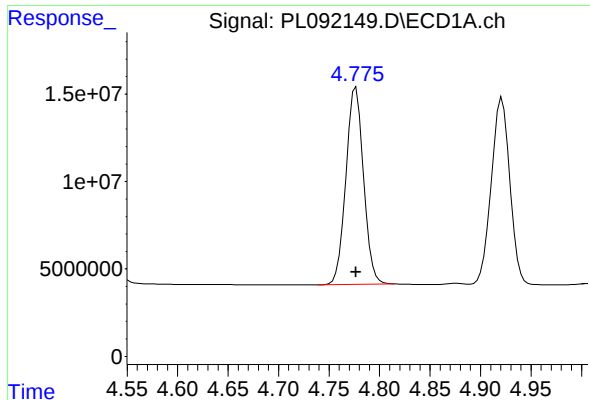
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 64689110
Conc: 48.77 ng/ml



#6 beta-BHC

R.T.: 3.914 min
Delta R.T.: -0.001 min
Response: 77477180
Conc: 51.54 ng/ml



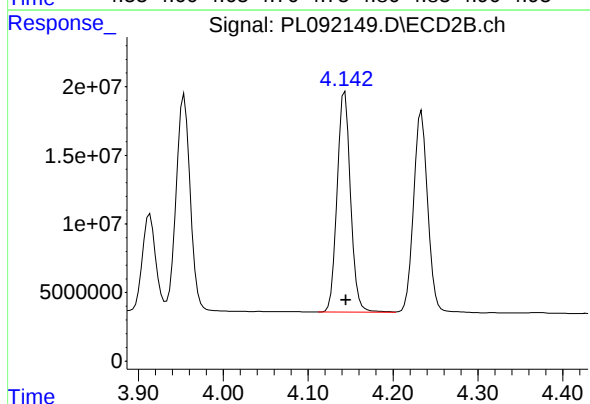
#7 delta-BHC

R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 137035078
Conc: 47.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163783BS

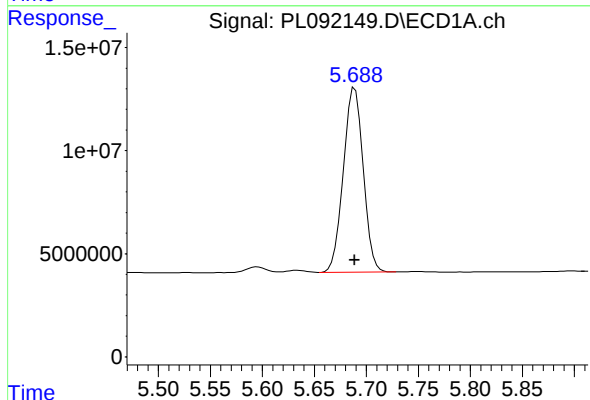
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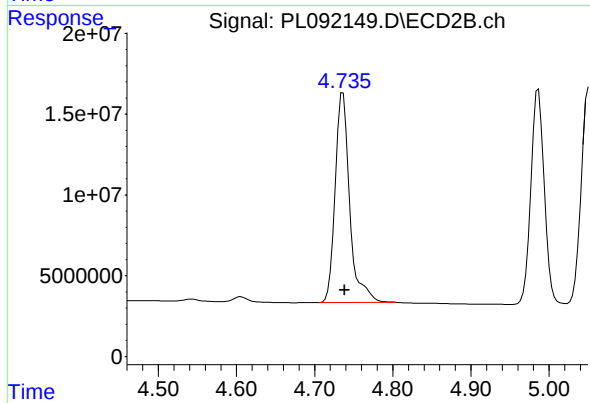
#7 delta-BHC

R.T.: 4.143 min
Delta R.T.: -0.002 min
Response: 176852423
Conc: 50.94 ng/ml



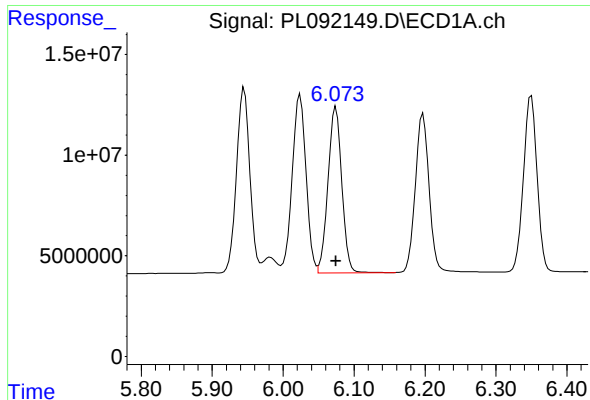
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 118936609
Conc: 46.73 ng/ml



#8 Heptachlor epoxide

R.T.: 4.736 min
Delta R.T.: -0.002 min
Response: 167886255
Conc: 55.54 ng/ml



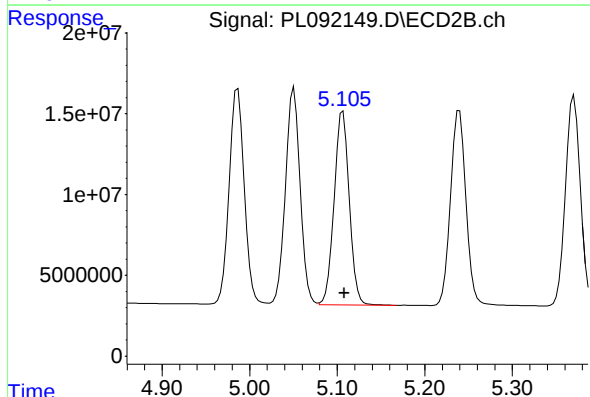
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 111733640
Conc: 48.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163783BS

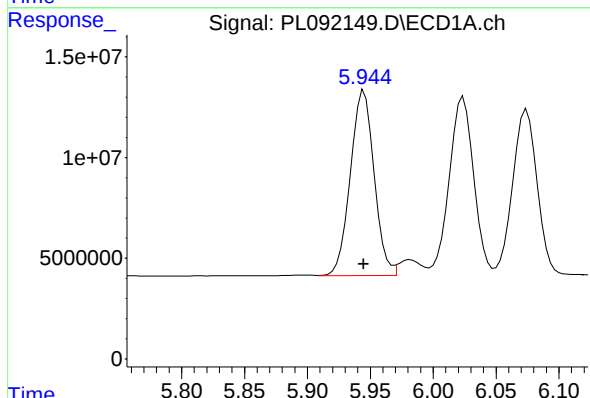
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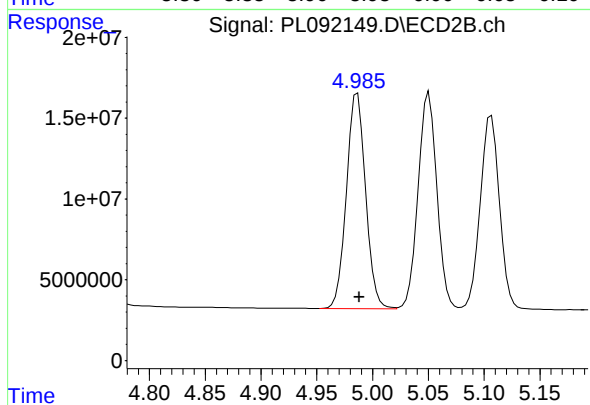
#9 Endosulfan I

R.T.: 5.106 min
Delta R.T.: -0.002 min
Response: 144211527
Conc: 52.54 ng/ml



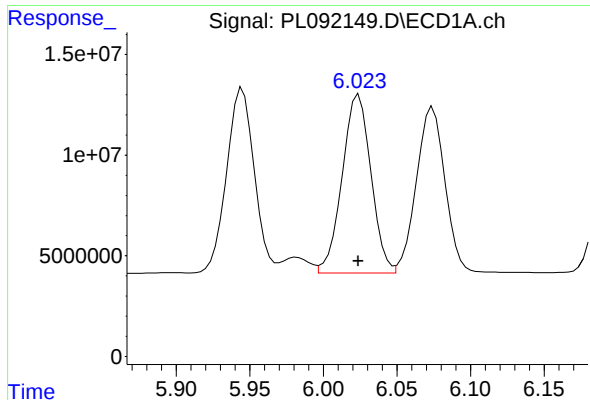
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 120863648
Conc: 48.91 ng/ml



#10 gamma-Chlordane

R.T.: 4.986 min
Delta R.T.: -0.002 min
Response: 159259974
Conc: 52.94 ng/ml



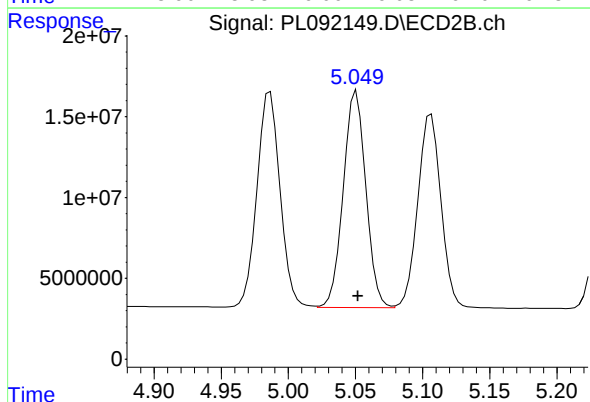
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 120860226
Conc: 49.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163783BS

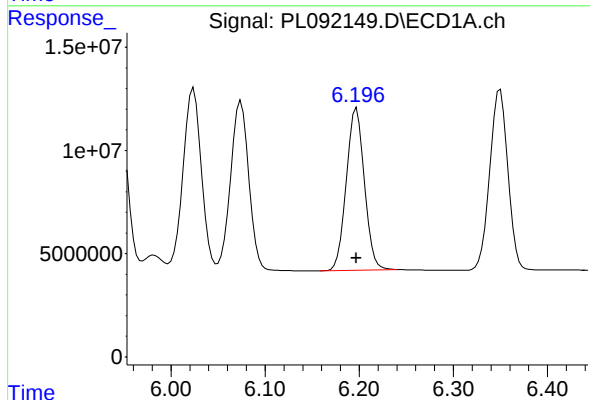
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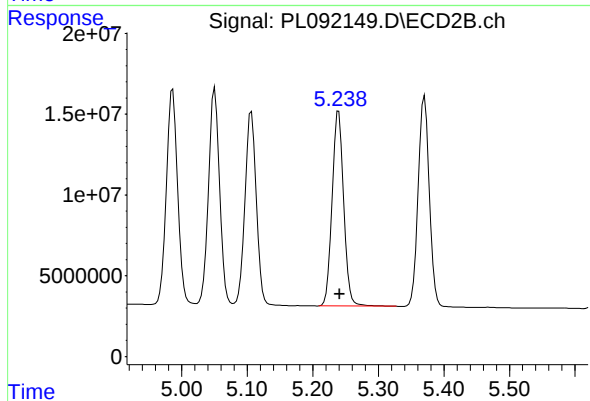
#11 alpha-Chlordane

R.T.: 5.051 min
Delta R.T.: -0.001 min
Response: 157315367
Conc: 52.55 ng/ml



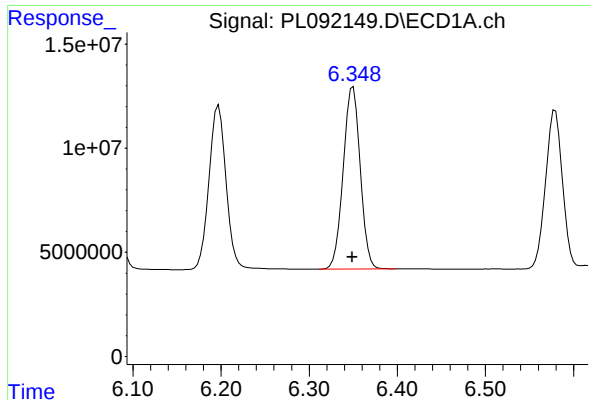
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 104844480
Conc: 48.44 ng/ml



#12 4,4'-DDE

R.T.: 5.239 min
Delta R.T.: -0.001 min
Response: 148136071
Conc: 53.31 ng/ml



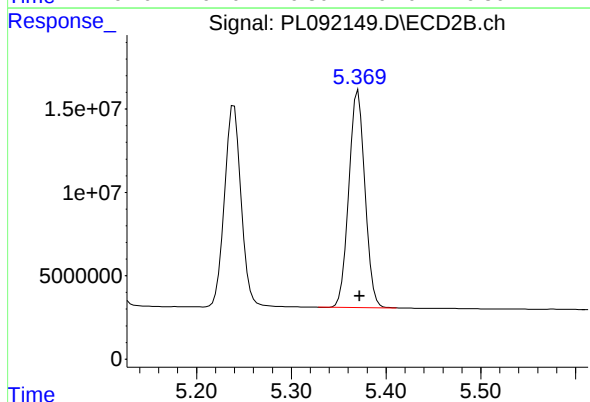
#13 Dieldrin

R.T.: 6.350 min
Delta R.T.: 0.000 min
Response: 117289244
Conc: 48.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163783BS

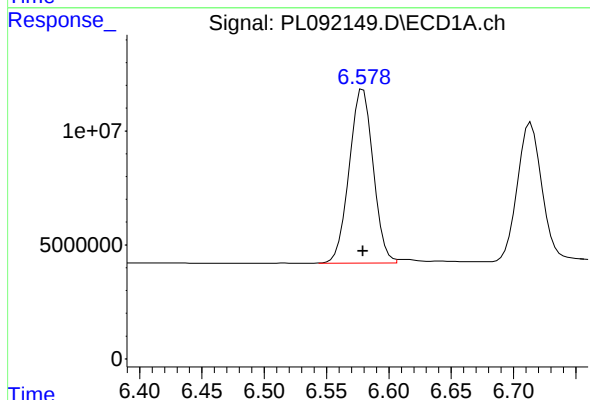
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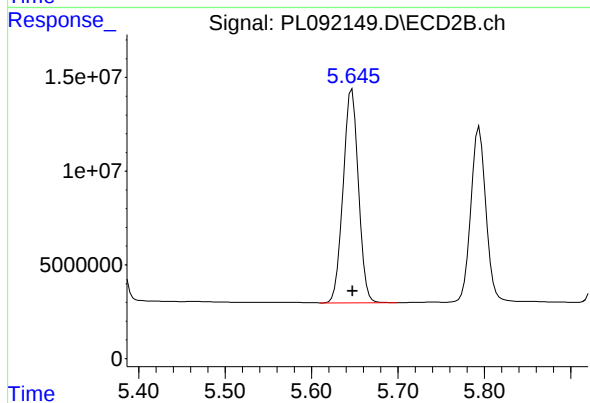
#13 Dieldrin

R.T.: 5.370 min
Delta R.T.: -0.002 min
Response: 154237982
Conc: 52.61 ng/ml



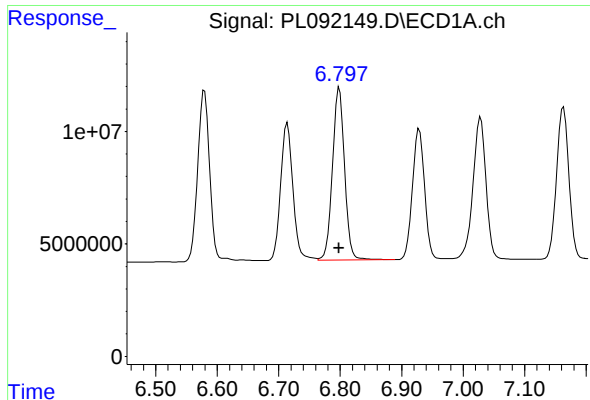
#14 Endrin

R.T.: 6.578 min
Delta R.T.: -0.001 min
Response: 101692236
Conc: 49.35 ng/ml m



#14 Endrin

R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 139307760
Conc: 53.13 ng/ml



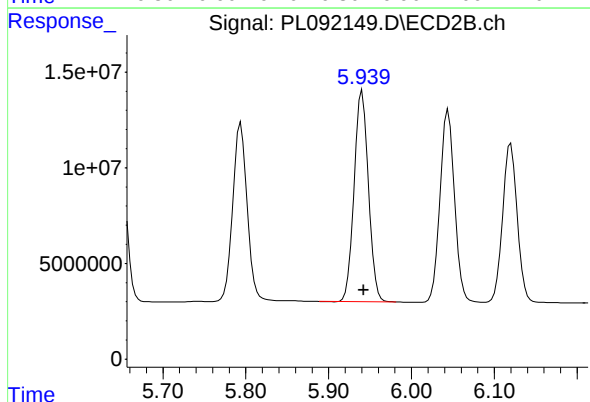
#15 Endosulfan II

R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 104974392
Conc: 47.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163783BS

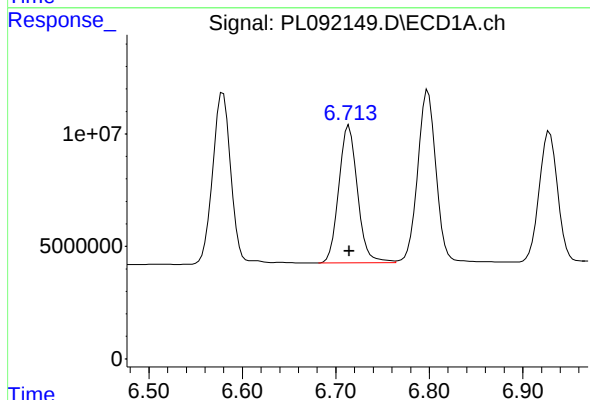
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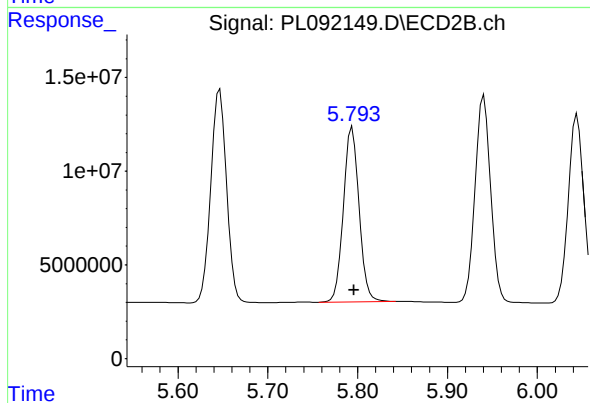
#15 Endosulfan II

R.T.: 5.941 min
Delta R.T.: -0.001 min
Response: 132438767
Conc: 52.92 ng/ml



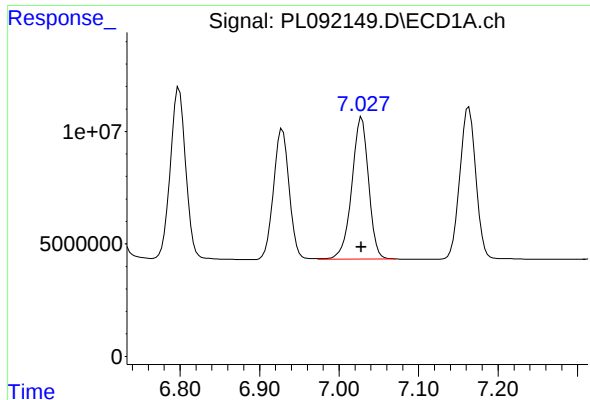
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 85010842
Conc: 47.34 ng/ml



#16 4,4'-DDD

R.T.: 5.794 min
Delta R.T.: -0.002 min
Response: 112699780
Conc: 52.76 ng/ml



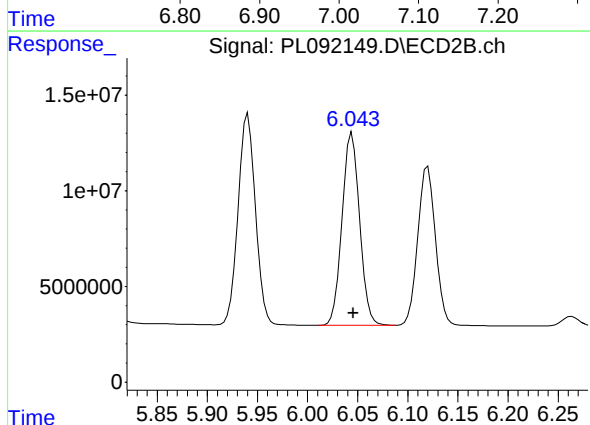
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 92564166
Conc: 50.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163783BS

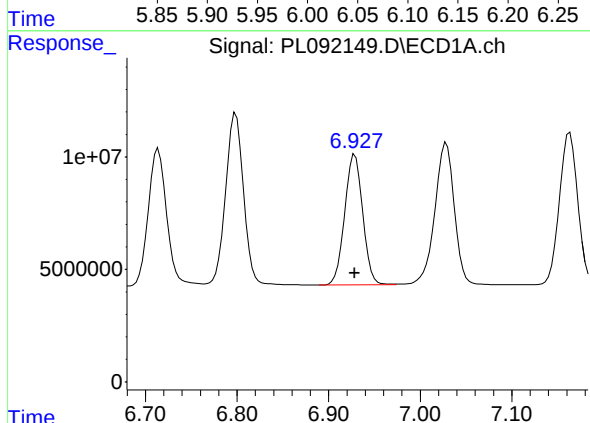
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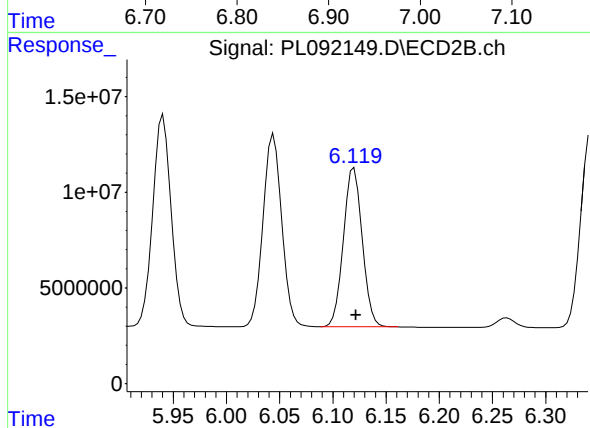
#17 4,4'-DDT

R.T.: 6.044 min
Delta R.T.: -0.001 min
Response: 122638439
Conc: 53.02 ng/ml



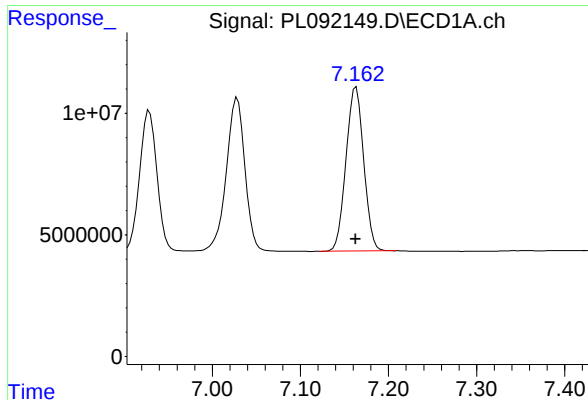
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.000 min
Response: 79731269
Conc: 45.75 ng/ml



#18 Endrin aldehyde

R.T.: 6.120 min
Delta R.T.: -0.002 min
Response: 101685359
Conc: 49.83 ng/ml



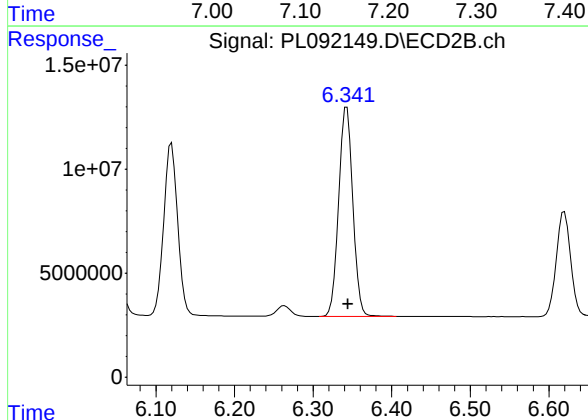
#19 Endosulfan Sulfate

R.T.: 7.163 min
Delta R.T.: 0.000 min
Response: 94343652
Conc: 47.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163783BS

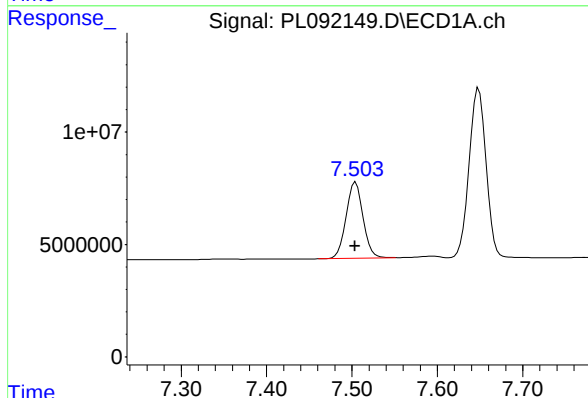
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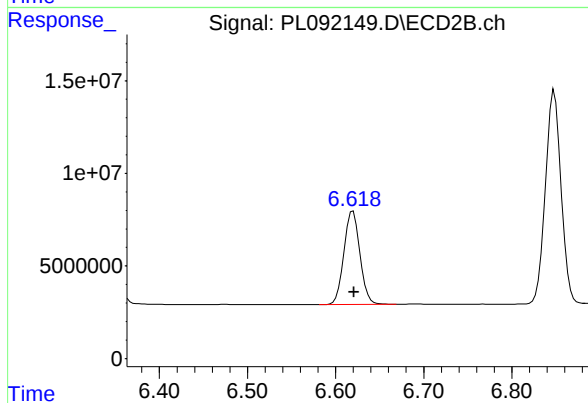
#19 Endosulfan Sulfate

R.T.: 6.343 min
Delta R.T.: -0.001 min
Response: 125870706
Conc: 52.17 ng/ml



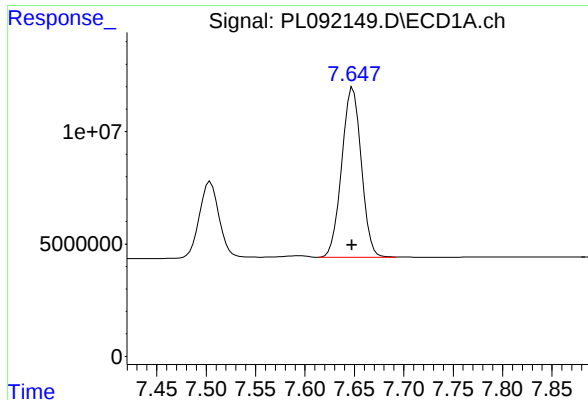
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 46726392
Conc: 47.60 ng/ml



#20 Methoxychlor

R.T.: 6.620 min
Delta R.T.: -0.001 min
Response: 63891777
Conc: 51.10 ng/ml



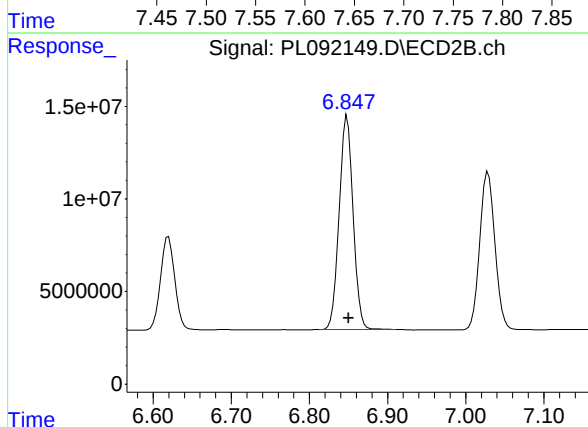
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: 0.000 min
Response: 104025967
Conc: 47.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163783BS

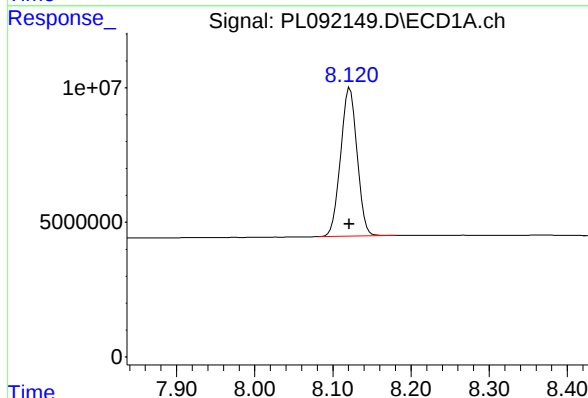
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/01/2024
Supervised By :Ankita Jodhani 10/01/2024



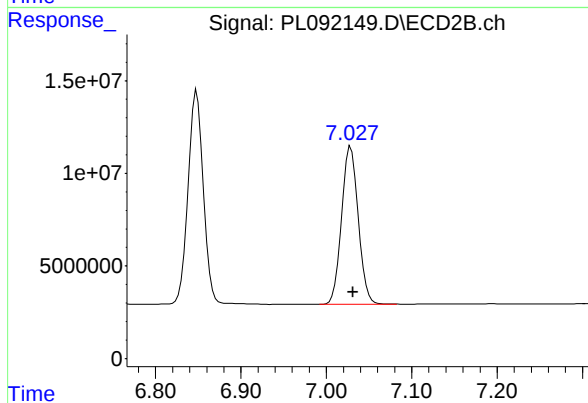
#21 Endrin ketone

R.T.: 6.848 min
Delta R.T.: -0.002 min
Response: 143195138
Conc: 51.71 ng/ml



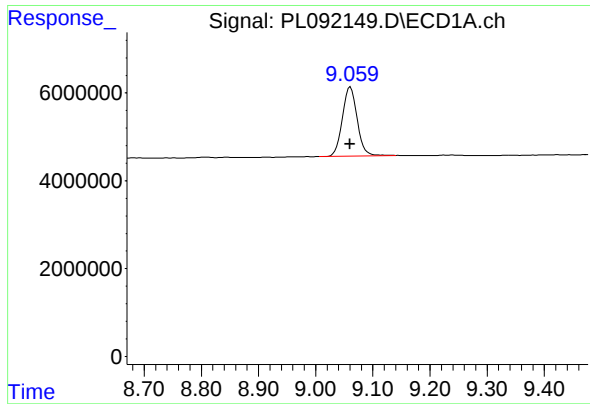
#22 Mirex

R.T.: 8.122 min
Delta R.T.: 0.000 min
Response: 80996776
Conc: 44.97 ng/ml



#22 Mirex

R.T.: 7.029 min
Delta R.T.: -0.003 min
Response: 115261869
Conc: 47.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: 0.000 min
Response: 28288354
Conc: 17.27 ng/ml

Instrument :

ECD_L

ClientSampleId :

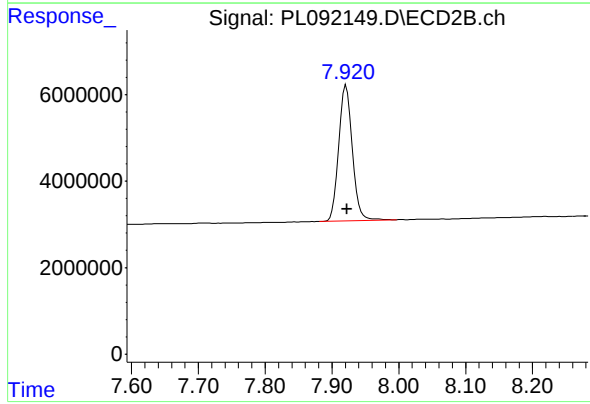
PB163783BS

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#28 Decachlorobiphenyl

R.T.: 7.921 min
Delta R.T.: -0.001 min
Response: 44519092
Conc: 17.79 ng/ml