

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100724\
 Data File : PL092244.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Oct 2024 16:47
 Operator : AR\AJ
 Sample : PB163897BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB163897BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/07/2024
 Supervised By :Ankita Jodhani 10/07/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 23:36:46 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...	3.542	2.781	41152237	46091294	18.498	18.377
28)	SA Decachlor...	9.059	7.920	33037234	48936816	20.166	19.560
Target Compounds							
2)	A alpha-BHC	3.999	3.283	160.4E6	203.7E6	51.794	55.908
3)	MA gamma-BHC...	4.331	3.613	154.2E6	191.6E6	49.775	54.260
4)	MA Heptachlor	4.919	3.953	139.5E6	187.1E6	50.452	54.211
5)	MB Aldrin	5.262	4.231	136.0E6	180.9E6	48.972	53.187m
6)	B beta-BHC	4.528	3.913	69283195	83191612	52.235	55.347
7)	B delta-BHC	4.776	4.142	146.5E6	189.2E6	50.784	54.486
8)	B Heptachlo...	5.688	4.735	126.4E6	169.4E6	49.659	56.027
9)	A Endosulfan I	6.073	5.105	118.0E6	155.7E6	50.991	56.717
10)	B gamma-Chl...	5.944	4.985	128.1E6	172.3E6	51.819	57.277
11)	B alpha-Chl...	6.022	5.049	127.9E6	169.3E6	51.924	56.563
12)	B 4,4'-DDE	6.196	5.238	113.6E6	161.7E6	52.506	58.175
13)	MA Dieldrin	6.348	5.369	124.6E6	166.7E6	51.076	56.850
14)	MA Endrin	6.576	5.644	94622214	132.2E6	45.918m	50.400
15)	B Endosulfa...	6.797	5.939	109.6E6	143.7E6	49.842	57.435
16)	A 4,4'-DDD	6.711	5.793	99104677	134.7E6	55.189m	63.051
17)	MA 4,4'-DDT	7.027	6.043	90667079	116.9E6	49.243	50.551
18)	B Endrin al...	6.926	6.119	88898685	113.0E6	51.010	55.369
19)	B Endosulfa...	7.162	6.341	102.3E6	136.7E6	51.612	56.675
20)	A Methoxychlor	7.502	6.618	46904396	60834648	47.778	48.654
21)	B Endrin ke...	7.646	6.847	119.5E6	165.5E6	54.400	59.765
22)	Mirex	8.120	7.027	88796128	126.3E6	49.304	51.929

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100724\
Data File : PL092244.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Oct 2024 16:47
Operator : AR\AJ
Sample : PB163897BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB163897BS

Manual Integrations

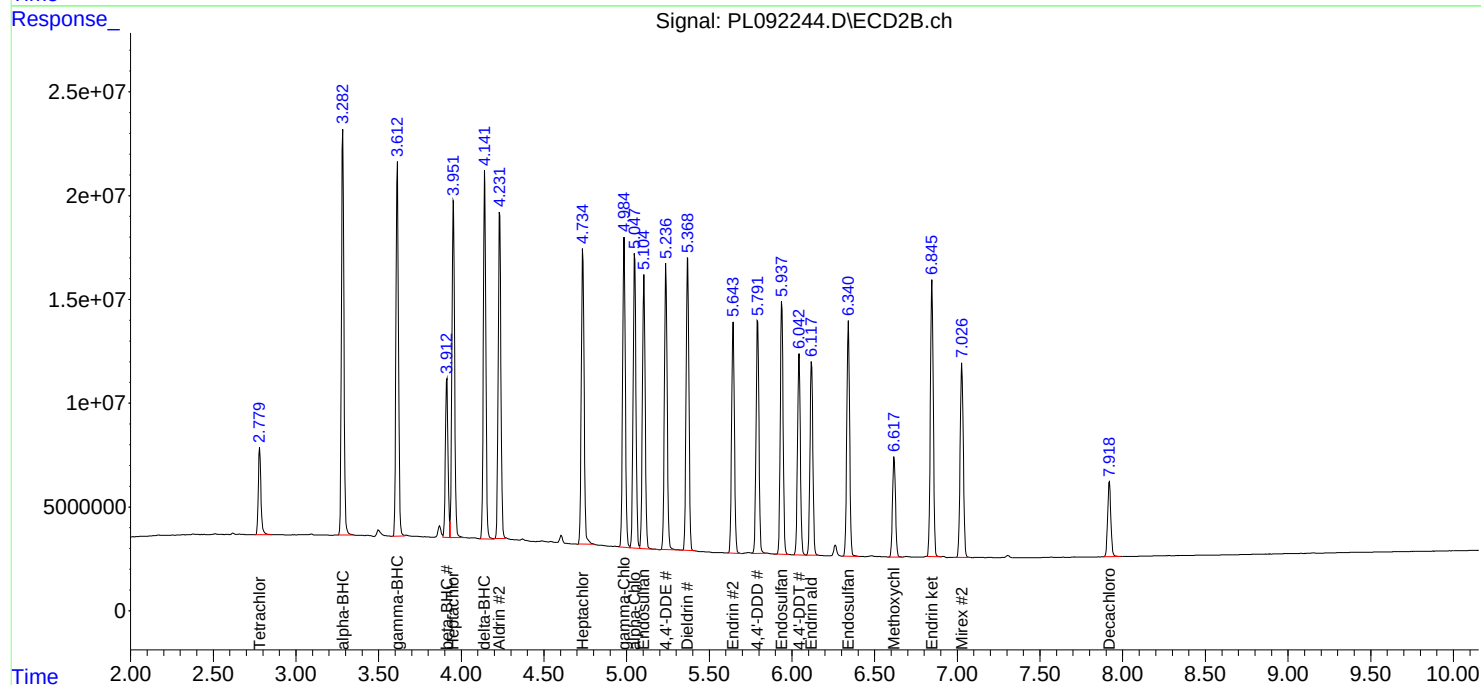
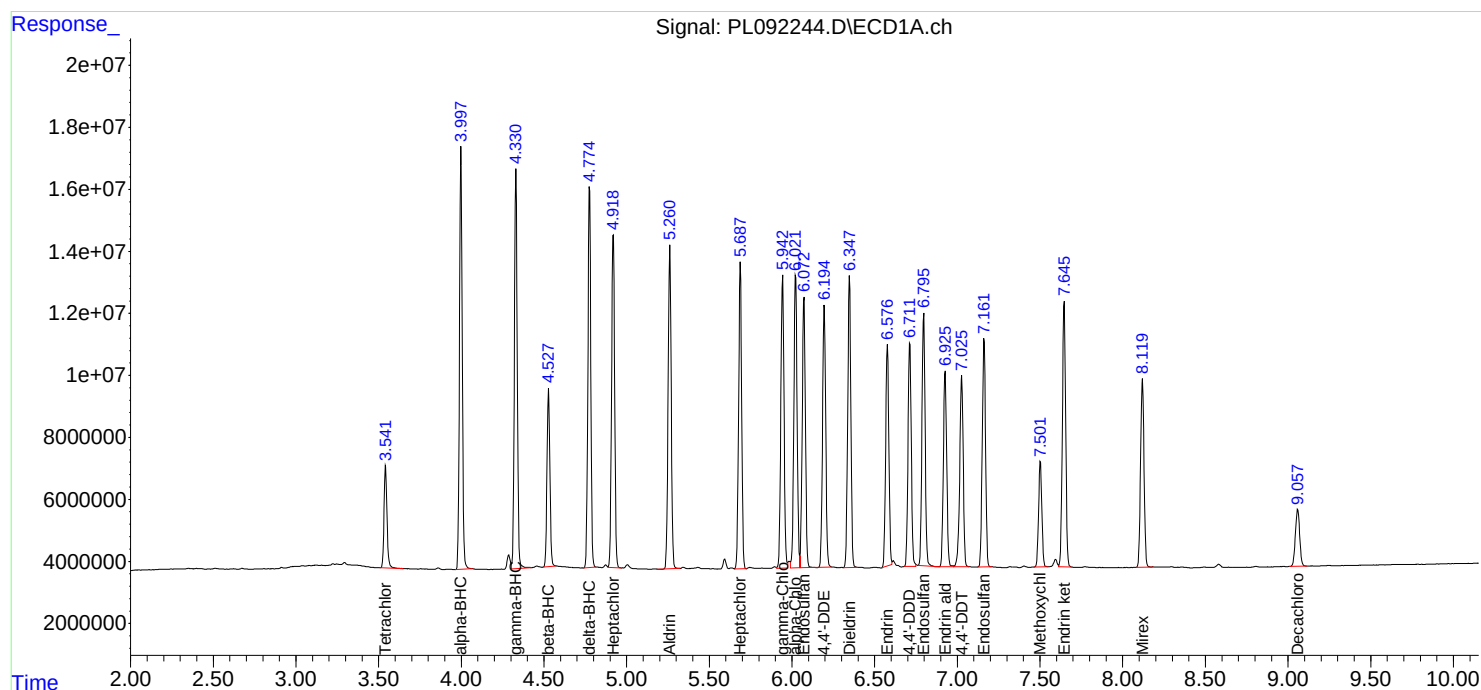
APPROVED

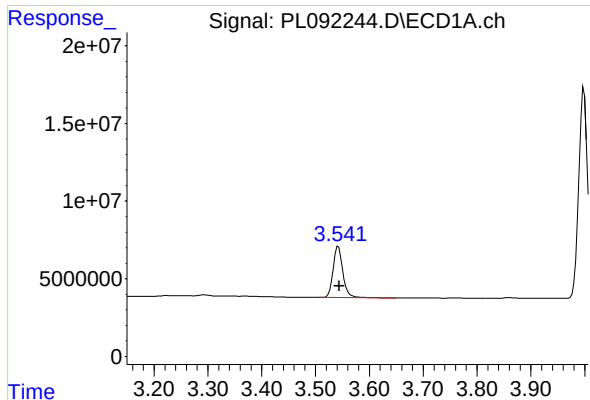
Reviewed By :Abdul Mirza 10/07/2024

Supervised By :Ankita Jodhani 10/07/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 23:36:46 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





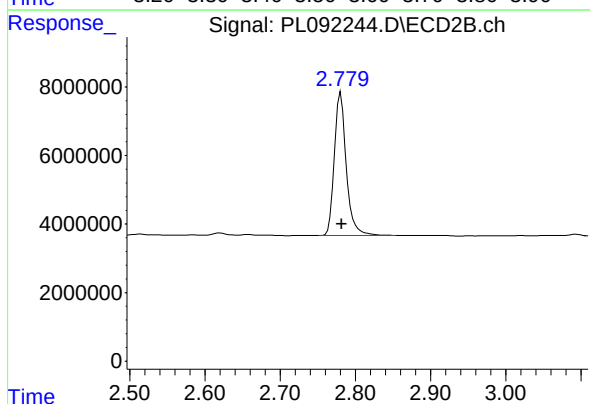
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 41152237
Conc: 18.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163897BS

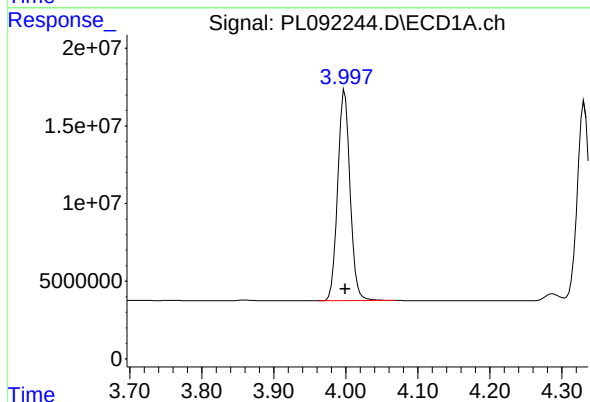
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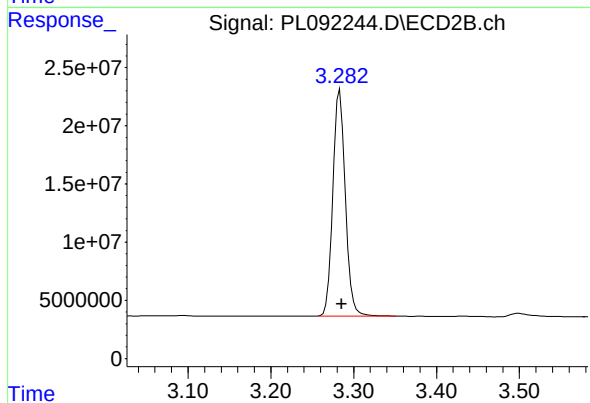
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: -0.002 min
Response: 46091294
Conc: 18.38 ng/ml



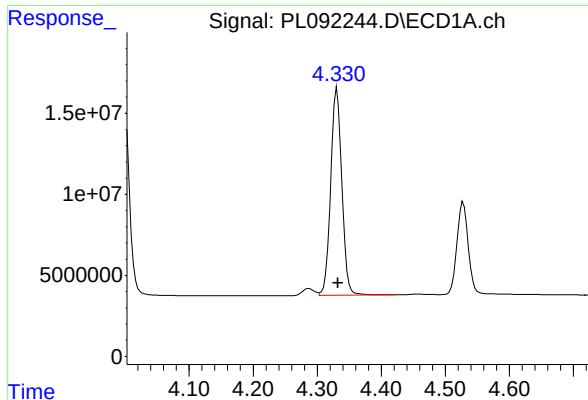
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 160380453
Conc: 51.79 ng/ml



#2 alpha-BHC

R.T.: 3.283 min
Delta R.T.: -0.002 min
Response: 203692659
Conc: 55.91 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: -0.001 min
Response: 154242054
Conc: 49.77 ng/ml

Instrument :

ECD_L

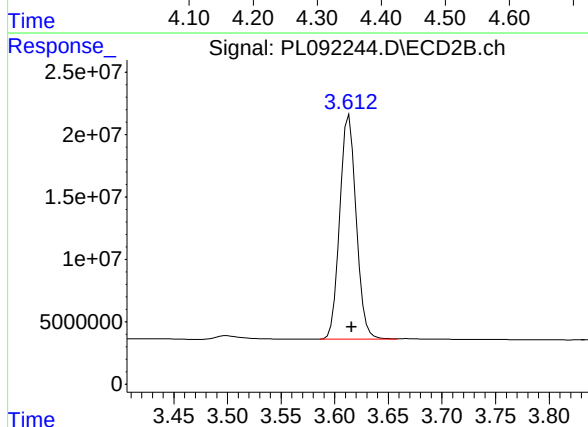
ClientSampleId :

PB163897BS

Manual Integrations

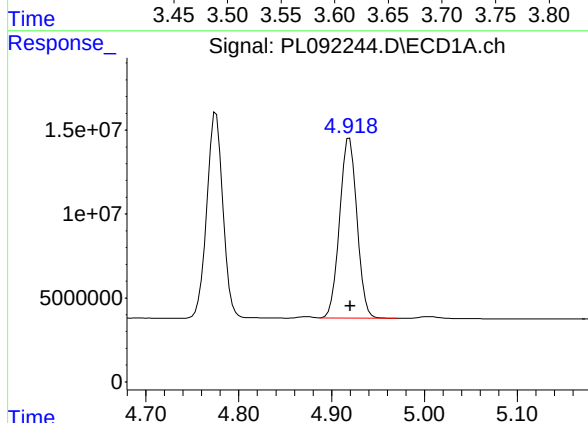
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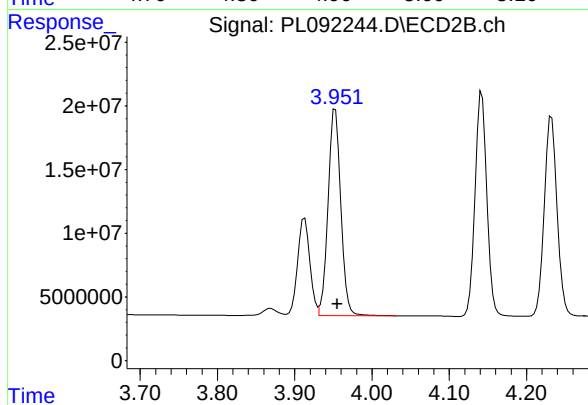
#3 gamma-BHC (Lindane)

R.T.: 3.613 min
Delta R.T.: -0.002 min
Response: 191592149
Conc: 54.26 ng/ml



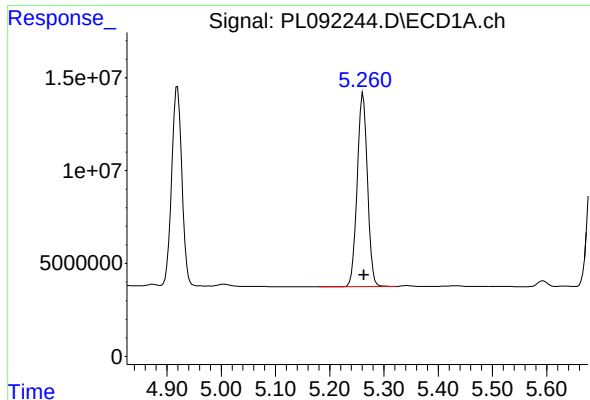
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: -0.001 min
Response: 139523121
Conc: 50.45 ng/ml



#4 Heptachlor

R.T.: 3.953 min
Delta R.T.: -0.002 min
Response: 187062863
Conc: 54.21 ng/ml



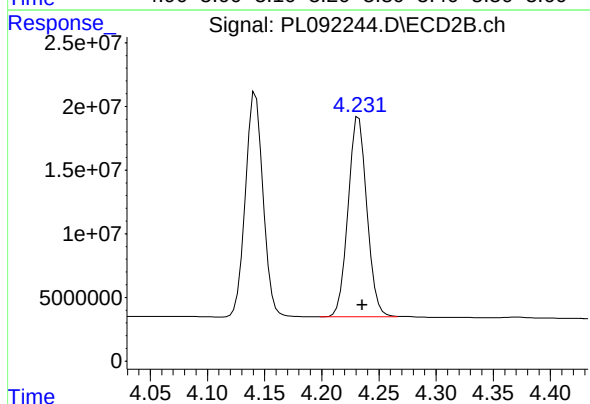
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: -0.001 min
Response: 136025025
Conc: 48.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163897BS

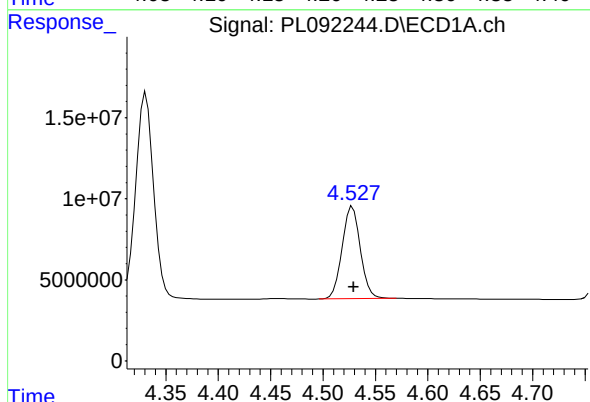
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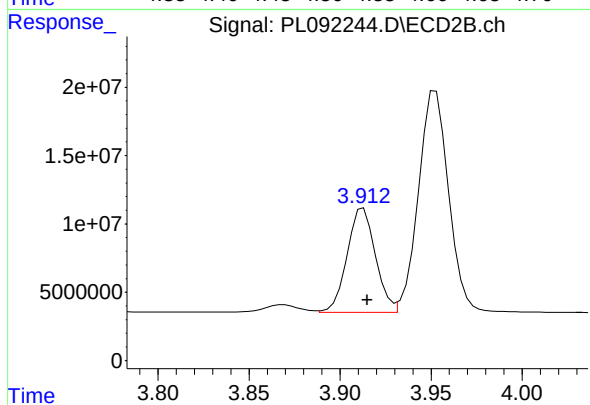
#5 Aldrin

R.T.: 4.231 min
Delta R.T.: -0.004 min
Response: 180894576
Conc: 53.19 ng/ml



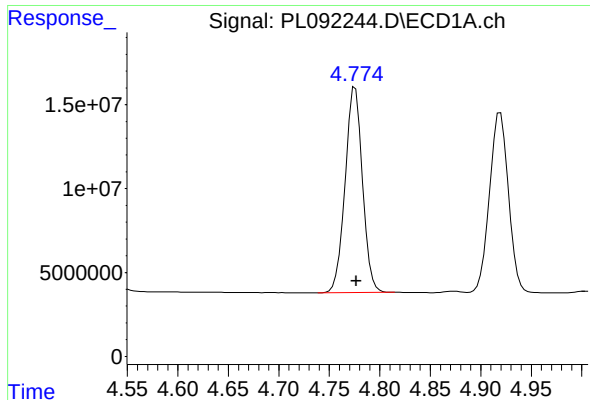
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: -0.001 min
Response: 69283195
Conc: 52.23 ng/ml



#6 beta-BHC

R.T.: 3.913 min
Delta R.T.: -0.002 min
Response: 83191612
Conc: 55.35 ng/ml



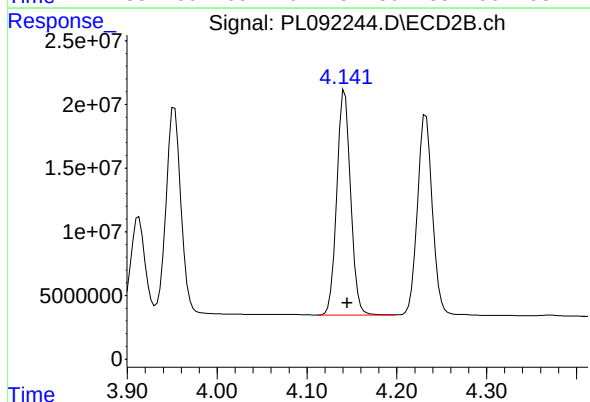
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 146470271
Conc: 50.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163897BS

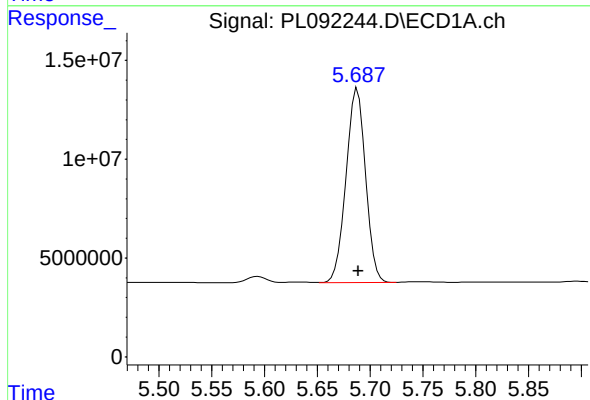
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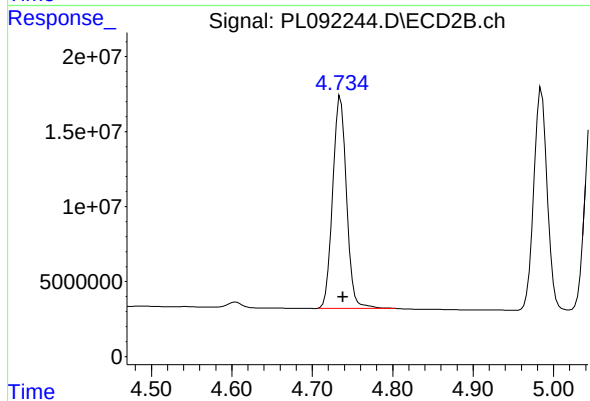
#7 delta-BHC

R.T.: 4.142 min
Delta R.T.: -0.003 min
Response: 189160186
Conc: 54.49 ng/ml



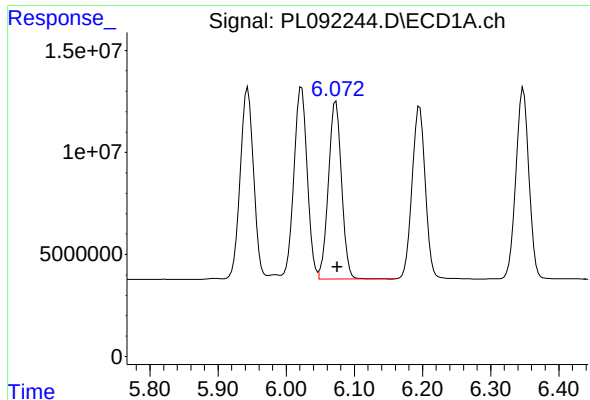
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 126381373
Conc: 49.66 ng/ml



#8 Heptachlor epoxide

R.T.: 4.735 min
Delta R.T.: -0.003 min
Response: 169361881
Conc: 56.03 ng/ml



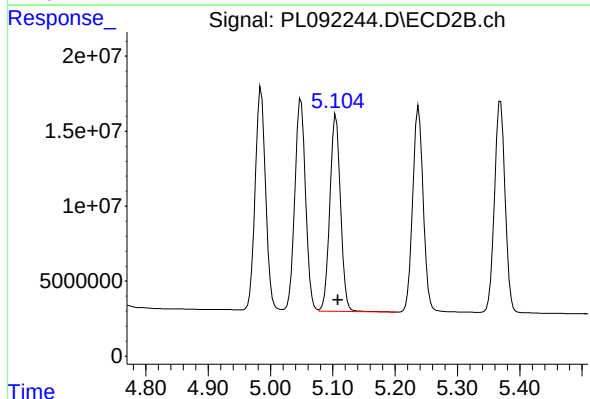
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 117961802
Conc: 50.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163897BS

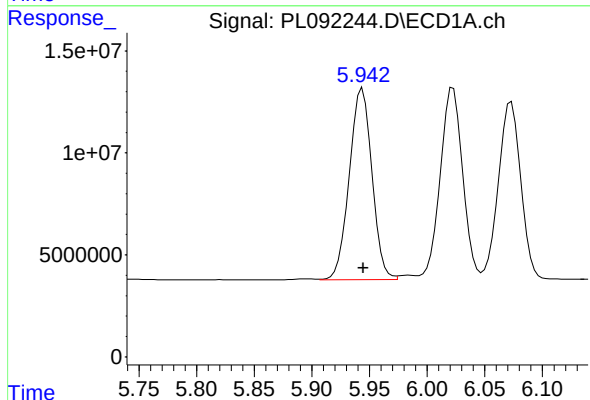
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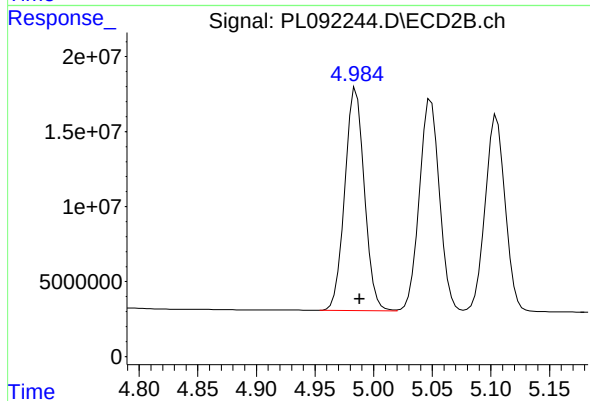
#9 Endosulfan I

R.T.: 5.105 min
Delta R.T.: -0.003 min
Response: 155666398
Conc: 56.72 ng/ml



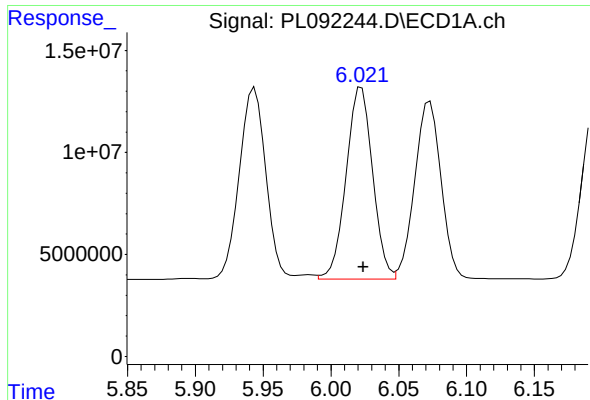
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 128055941
Conc: 51.82 ng/ml



#10 gamma-Chlordane

R.T.: 4.985 min
Delta R.T.: -0.003 min
Response: 172320927
Conc: 57.28 ng/ml



#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: -0.001 min
Response: 127906124
Conc: 51.92 ng/ml

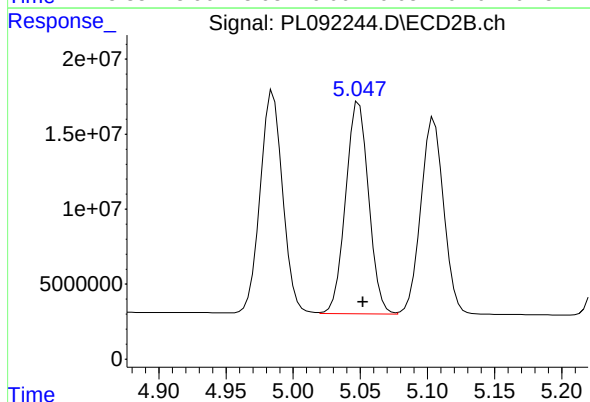
Instrument :

ECD_L

ClientSampleId :
PB163897BS

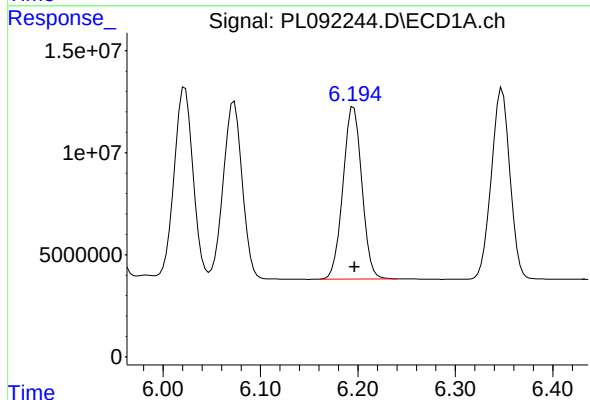
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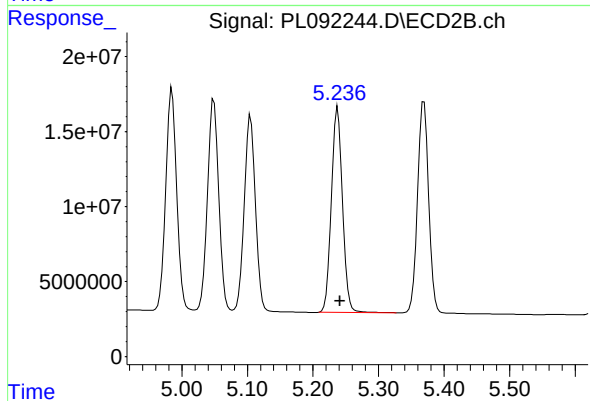
#11 alpha-Chlordane

R.T.: 5.049 min
Delta R.T.: -0.003 min
Response: 169322237
Conc: 56.56 ng/ml



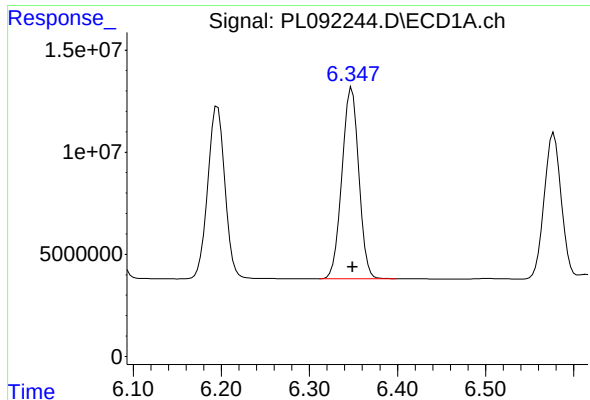
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 113644321
Conc: 52.51 ng/ml



#12 4,4'-DDE

R.T.: 5.238 min
Delta R.T.: -0.003 min
Response: 161657916
Conc: 58.17 ng/ml



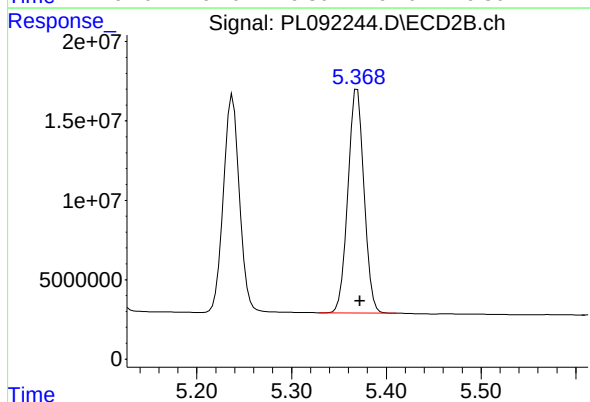
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: -0.001 min
Response: 124568052
Conc: 51.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163897BS

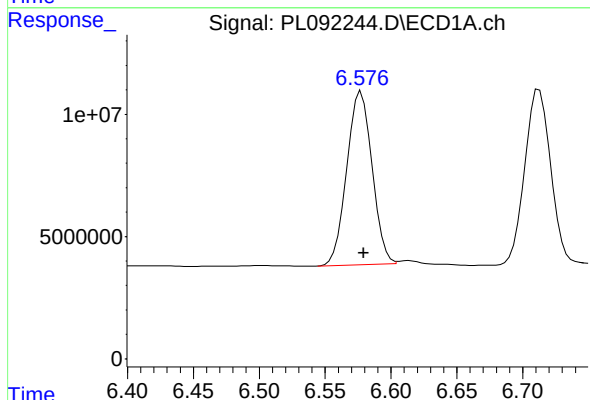
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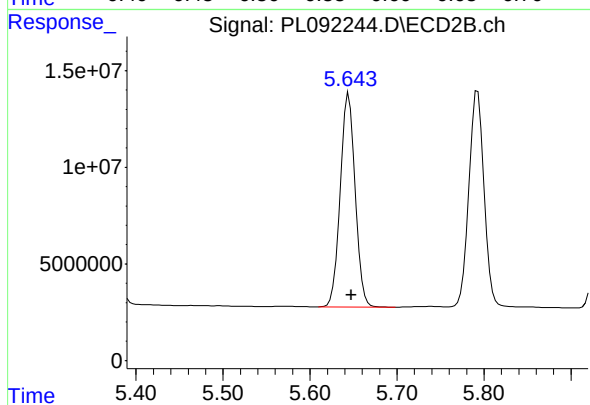
#13 Dieldrin

R.T.: 5.369 min
Delta R.T.: -0.003 min
Response: 166676396
Conc: 56.85 ng/ml



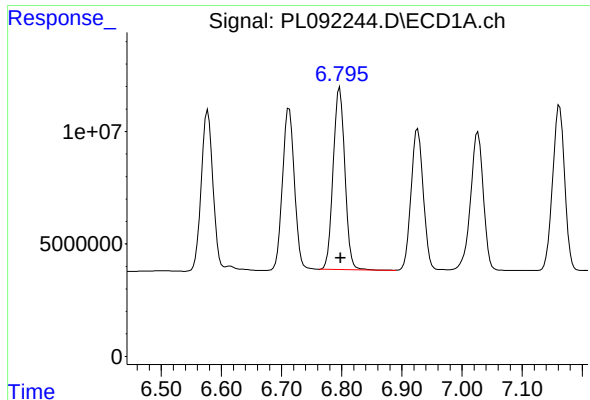
#14 Endrin

R.T.: 6.576 min
Delta R.T.: -0.003 min
Response: 94622214
Conc: 45.92 ng/ml m



#14 Endrin

R.T.: 5.644 min
Delta R.T.: -0.003 min
Response: 132157493
Conc: 50.40 ng/ml



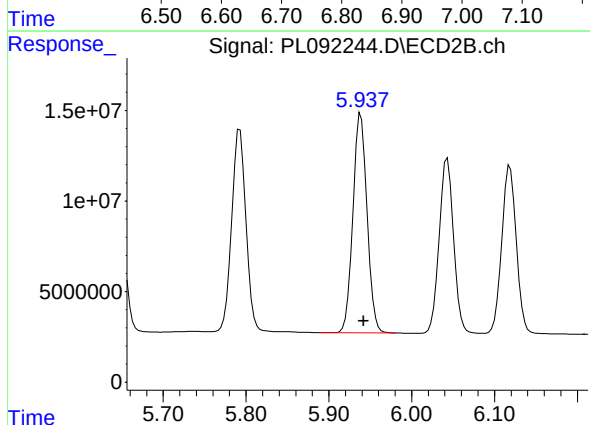
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: -0.001 min
Response: 109638332
Conc: 49.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163897BS

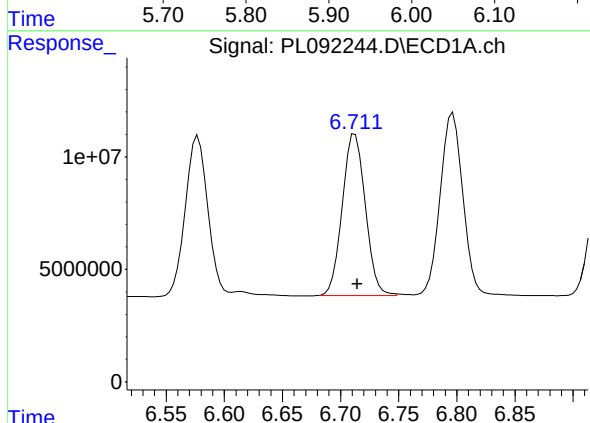
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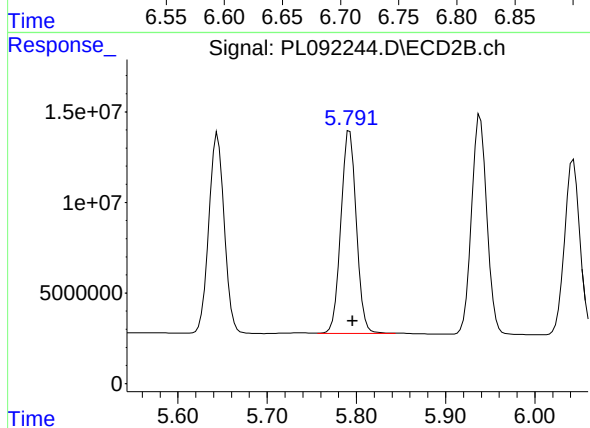
#15 Endosulfan II

R.T.: 5.939 min
Delta R.T.: -0.003 min
Response: 143725773
Conc: 57.43 ng/ml



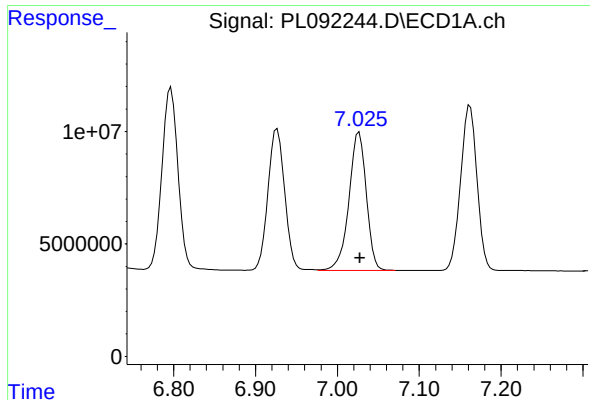
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: -0.003 min
Response: 99104677
Conc: 55.19 ng/ml m



#16 4,4'-DDD

R.T.: 5.793 min
Delta R.T.: -0.003 min
Response: 134690477
Conc: 63.05 ng/ml



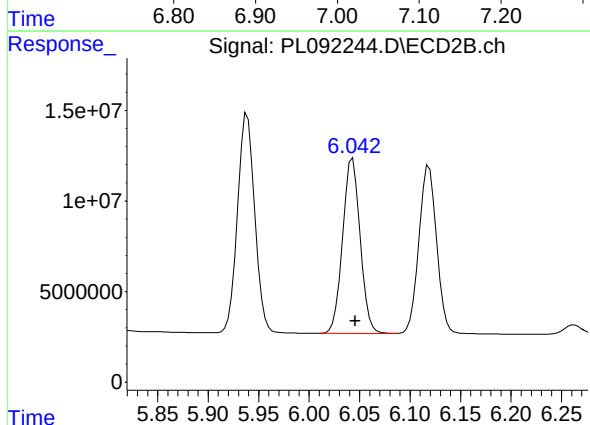
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: -0.001 min
Response: 90667079
Conc: 49.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163897BS

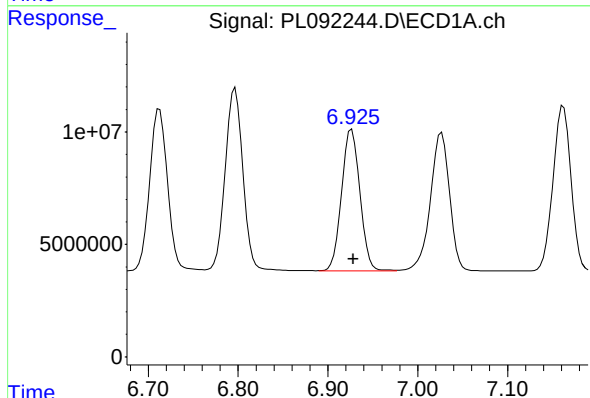
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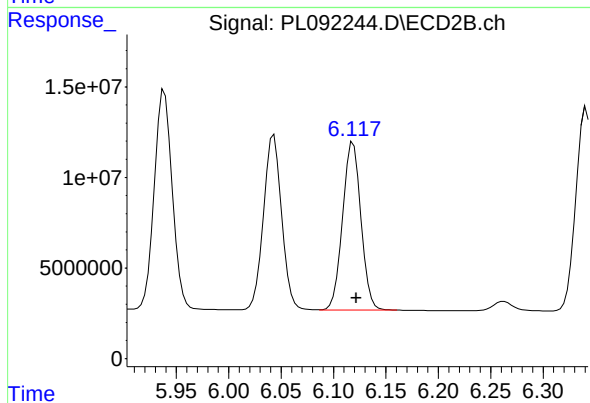
#17 4,4'-DDT

R.T.: 6.043 min
Delta R.T.: -0.003 min
Response: 116932186
Conc: 50.55 ng/ml



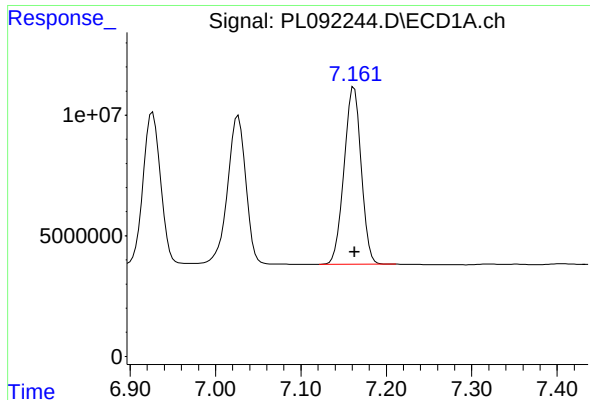
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: -0.002 min
Response: 88898685
Conc: 51.01 ng/ml



#18 Endrin aldehyde

R.T.: 6.119 min
Delta R.T.: -0.003 min
Response: 112991804
Conc: 55.37 ng/ml



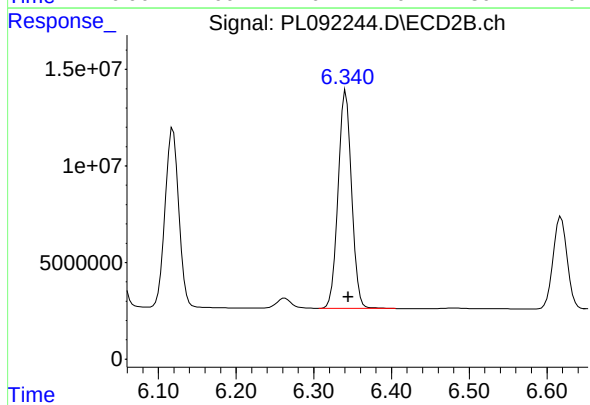
#19 Endosulfan Sulfate

R.T.: 7.162 min
Delta R.T.: 0.000 min
Response: 102309656
Conc: 51.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163897BS

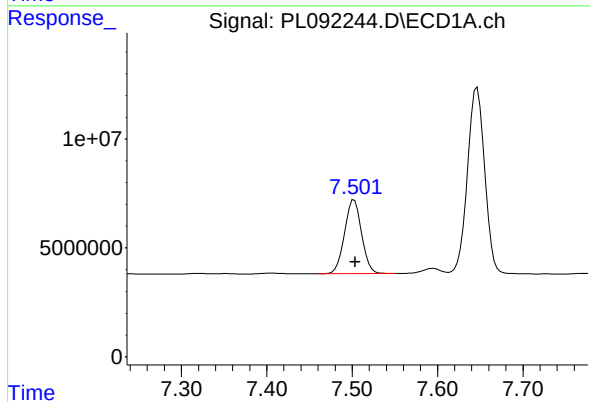
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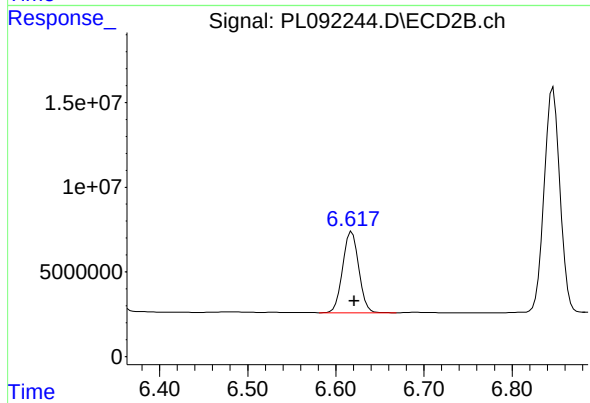
#19 Endosulfan Sulfate

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 136729562
Conc: 56.68 ng/ml



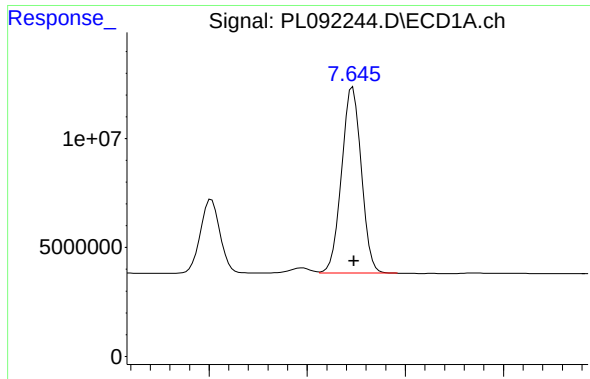
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: -0.001 min
Response: 46904396
Conc: 47.78 ng/ml



#20 Methoxychlor

R.T.: 6.618 min
Delta R.T.: -0.003 min
Response: 60834648
Conc: 48.65 ng/ml



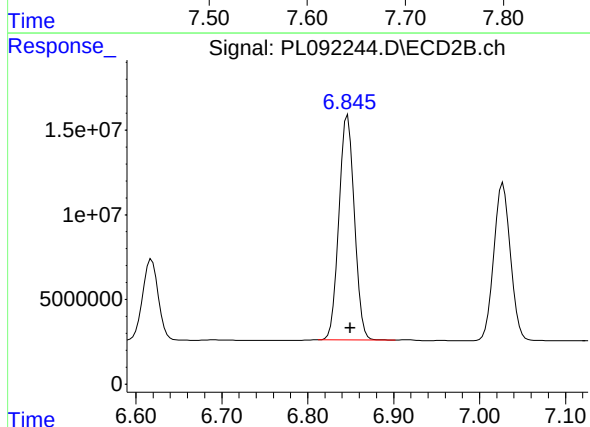
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: -0.001 min
Response: 119546538
Conc: 54.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163897BS

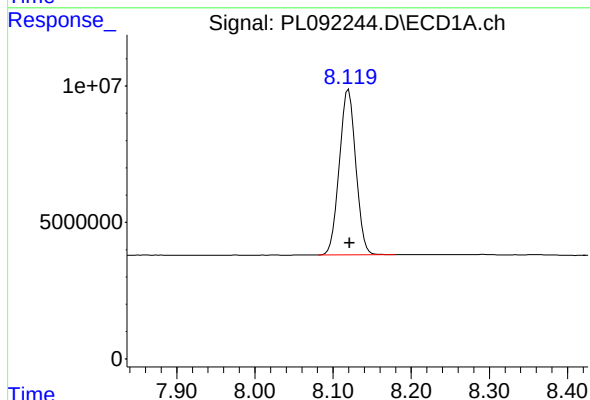
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/07/2024
Supervised By :Ankita Jodhani 10/07/2024



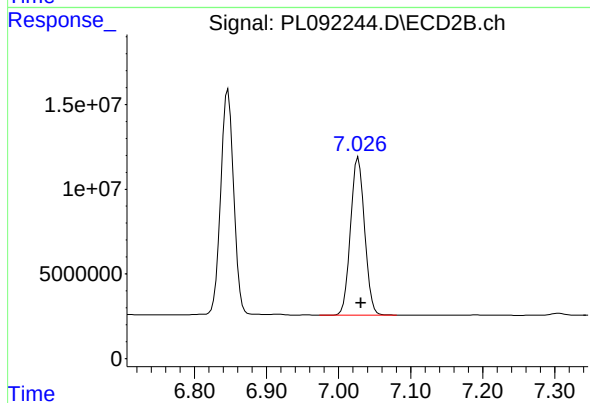
#21 Endrin ketone

R.T.: 6.847 min
Delta R.T.: -0.003 min
Response: 165485515
Conc: 59.76 ng/ml



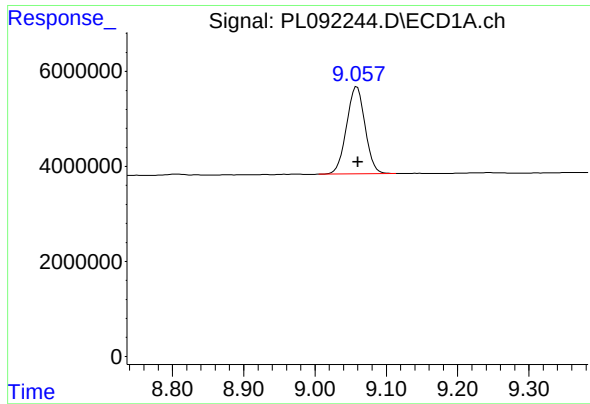
#22 Mirex

R.T.: 8.120 min
Delta R.T.: -0.002 min
Response: 88796128
Conc: 49.30 ng/ml



#22 Mirex

R.T.: 7.027 min
Delta R.T.: -0.004 min
Response: 126324865
Conc: 51.93 ng/ml



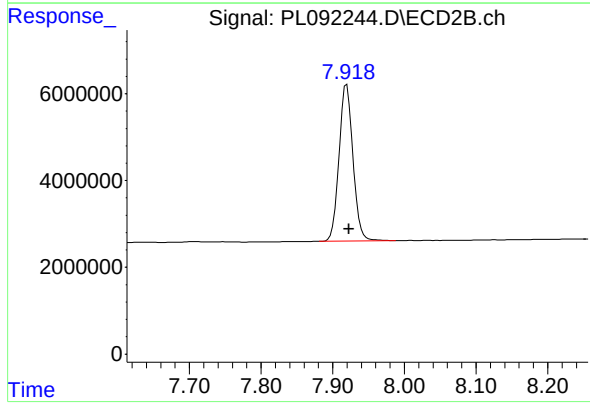
#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.002 min
Response: 33037234
Conc: 20.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163897BS

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#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: -0.003 min
Response: 48936816
Conc: 19.56 ng/ml