

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091224\
 Data File : PL091706.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2024 16:40
 Operator : AR\AJ
 Sample : PB163345BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB163345BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/13/2024
 Supervised By :Ankita Jodhani 09/13/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 01:52:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090924.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 19:26:36 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...	3.546	2.783	33088645	38840037	21.230	20.767m
28) SA Decachlor...	9.062	7.924	25402357	36581463	20.902	19.811m
Target Compounds						
2) A alpha-BHC	4.001	3.288	124.6E6	161.6E6	57.693	60.753
3) MA gamma-BHC...	4.334	3.618	118.4E6	147.9E6	57.611	60.139
4) MA Heptachlor	4.922	3.957	103.9E6	139.5E6	55.493	57.930
5) MB Aldrin	5.265	4.238	101.7E6	138.4E6	54.607	60.679
6) B beta-BHC	4.531	3.917	52191223	63150342	57.352	57.805
7) B delta-BHC	4.778	4.146	106.2E6	141.8E6	55.304	61.647
8) B Heptachlo...	5.691	4.741	91148828	123.4E6	54.622	58.537
9) A Endosulfan I	6.076	5.111	86940535	112.5E6	55.799	58.290
10) B gamma-Chl...	5.947	4.989	93801907	126.3E6	56.143	57.270m
11) B alpha-Chl...	6.026	5.055	92634008	122.1E6	57.471	59.019
12) B 4,4'-DDE	6.198	5.243	83836041	114.2E6	57.475	60.224
13) MA Dieldrin	6.351	5.375	91255936	119.5E6	55.926	58.116
14) MA Endrin	6.580	5.650	63060435	90464946	47.425	47.936
15) B Endosulfa...	6.799	5.944	82487511	103.1E6	53.218m	58.294
16) A 4,4'-DDD	6.716	5.798	76879248	103.1E6	60.652	61.535
17) MA 4,4'-DDT	7.030	6.049	63688470	80887996	48.552	50.342
18) B Endrin al...	6.931	6.124	68078238	82292293	57.299	60.197
19) B Endosulfa...	7.165	6.347	75778668	96518536	54.267	56.243
20) A Methoxychlor	7.505	6.624	33515607	43108563	49.545	48.668
21) B Endrin ke...	7.648	6.853	88585533	123.1E6	57.288m	61.205
22) Mirex	8.123	7.034	64217488	91047294	53.629	51.345

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091224\
Data File : PL091706.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Sep 2024 16:40
Operator : AR\AJ
Sample : PB163345BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB163345BS

Manual Integrations

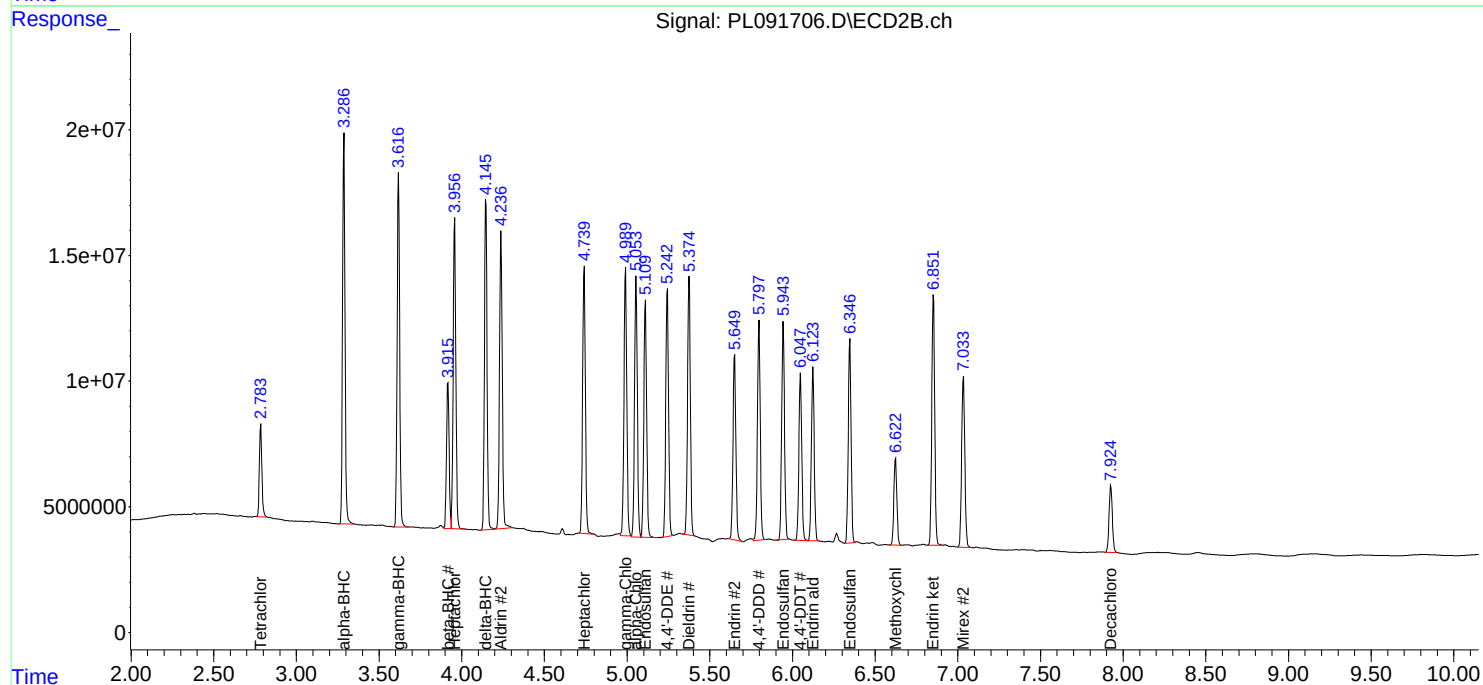
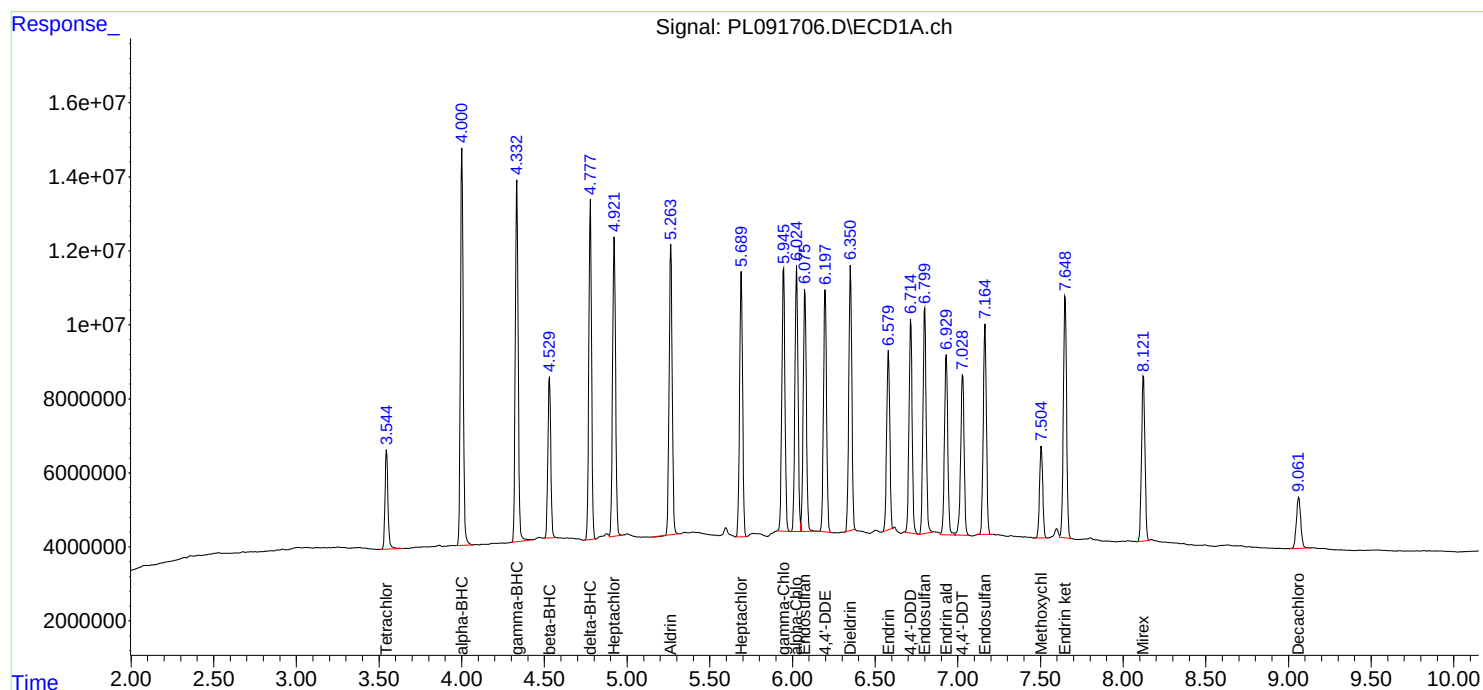
APPROVED

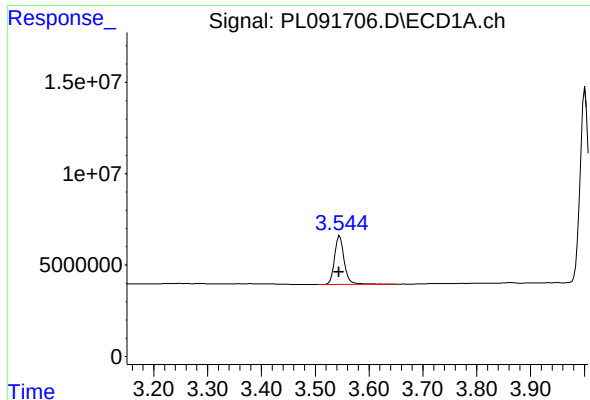
Reviewed By :Abdul Mirza 09/13/2024

Supervised By :Ankita Jodhani 09/13/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 13 01:52:32 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090924.M
Quant Title : GC Extractables
QLast Update : Mon Sep 09 19:26:36 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.: 3.546 min
Delta R.T.: 0.002 min
Response: 33088645
Conc: 21.23 ng/ml

Instrument :

ECD_L

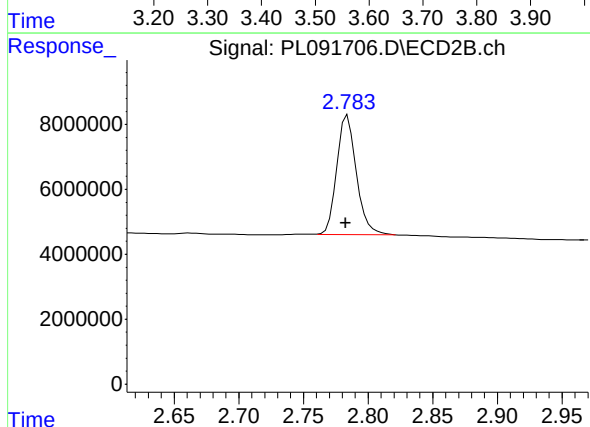
ClientSampleId :

PB163345BS

Manual Integrations

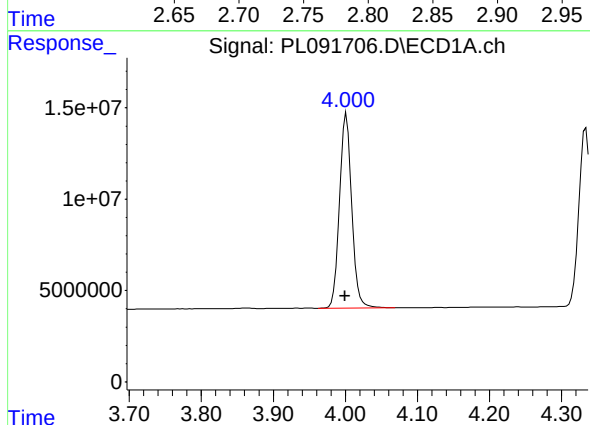
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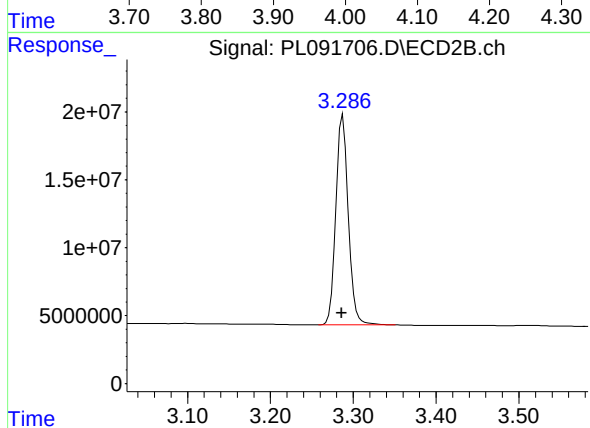
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: 0.000 min
Response: 38840037
Conc: 20.77 ng/ml m



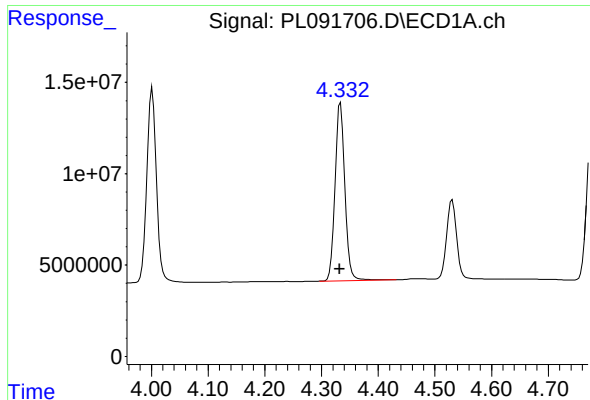
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.002 min
Response: 124612528
Conc: 57.69 ng/ml



#2 alpha-BHC

R.T.: 3.288 min
Delta R.T.: 0.001 min
Response: 161575873
Conc: 60.75 ng/ml



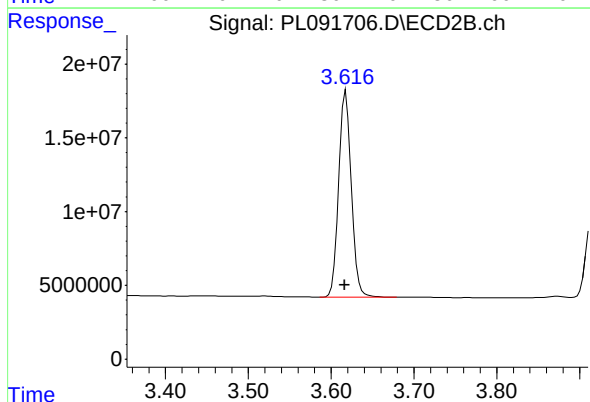
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.002 min
Response: 118430345
Conc: 57.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163345BS

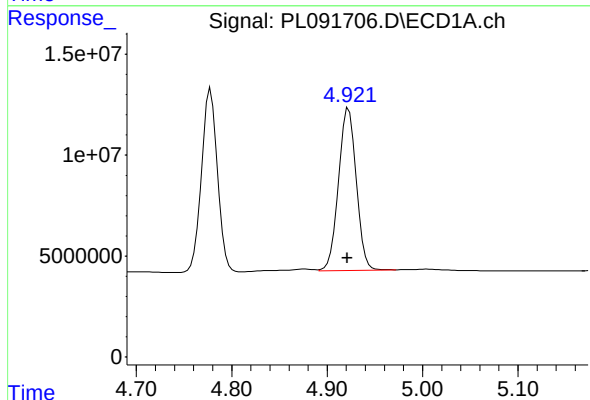
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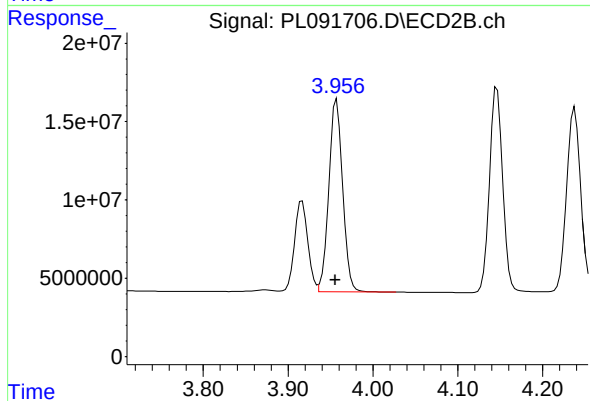
#3 gamma-BHC (Lindane)

R.T.: 3.618 min
Delta R.T.: 0.002 min
Response: 147908995
Conc: 60.14 ng/ml



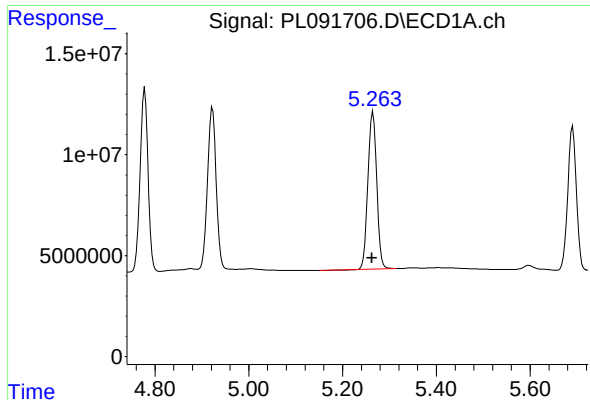
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.002 min
Response: 103938802
Conc: 55.49 ng/ml



#4 Heptachlor

R.T.: 3.957 min
Delta R.T.: 0.001 min
Response: 139515115
Conc: 57.93 ng/ml



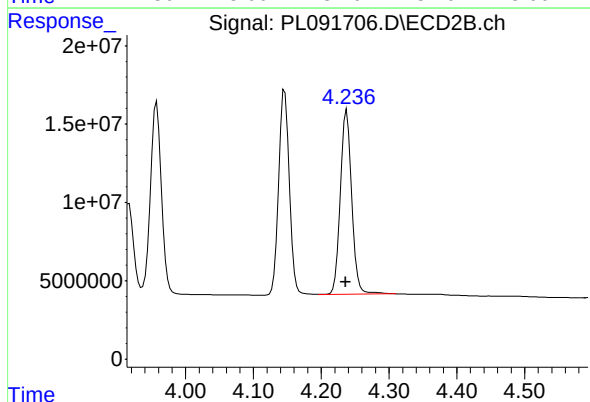
#5 Aldrin

R.T.: 5.265 min
Delta R.T.: 0.002 min
Response: 101709556
Conc: 54.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163345BS

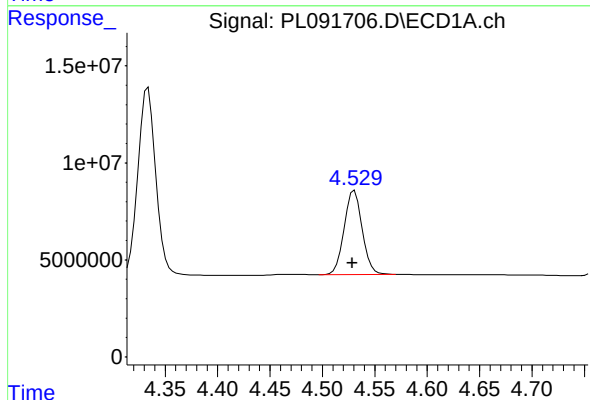
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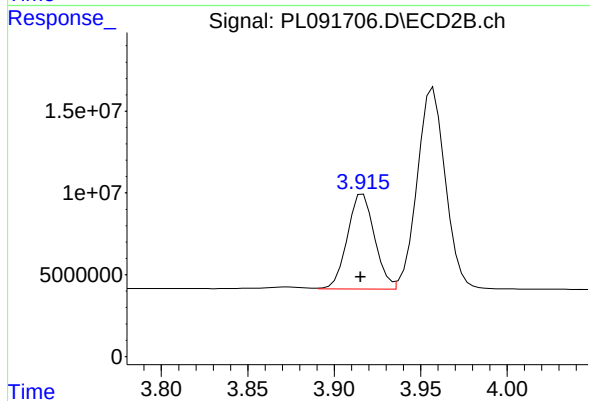
#5 Aldrin

R.T.: 4.238 min
Delta R.T.: 0.002 min
Response: 138439843
Conc: 60.68 ng/ml



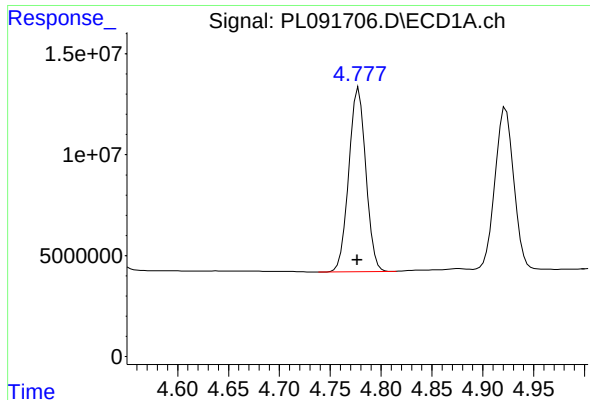
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.002 min
Response: 52191223
Conc: 57.35 ng/ml



#6 beta-BHC

R.T.: 3.917 min
Delta R.T.: 0.001 min
Response: 63150342
Conc: 57.81 ng/ml



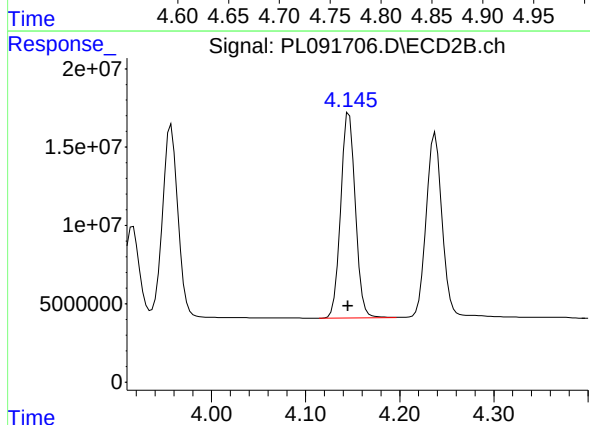
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: 0.002 min
Response: 106248076
Conc: 55.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163345BS

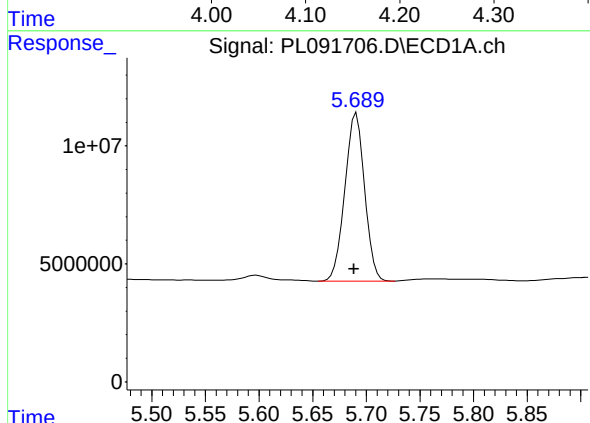
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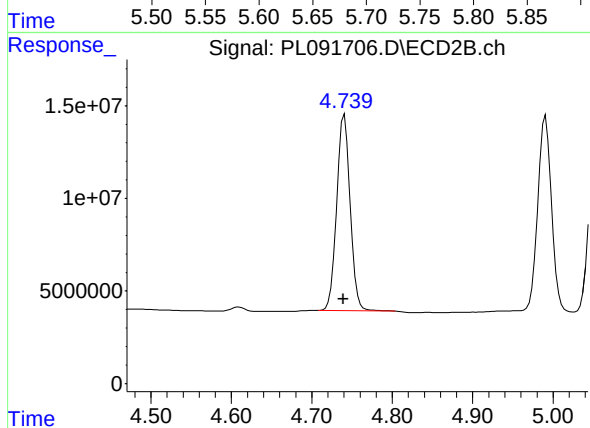
#7 delta-BHC

R.T.: 4.146 min
Delta R.T.: 0.001 min
Response: 141833061
Conc: 61.65 ng/ml



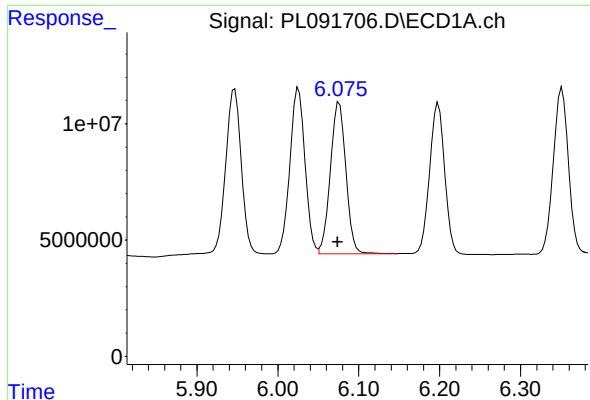
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.002 min
Response: 91148828
Conc: 54.62 ng/ml



#8 Heptachlor epoxide

R.T.: 4.741 min
Delta R.T.: 0.001 min
Response: 123379756
Conc: 58.54 ng/ml



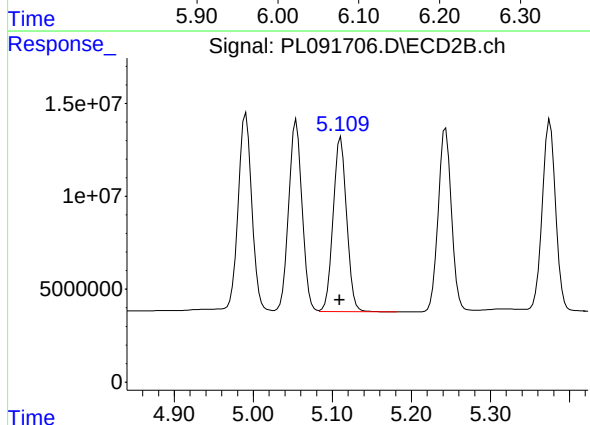
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.002 min
Response: 86940535
Conc: 55.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163345BS

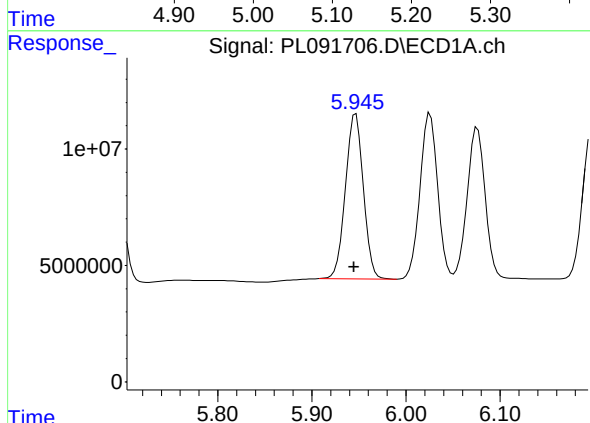
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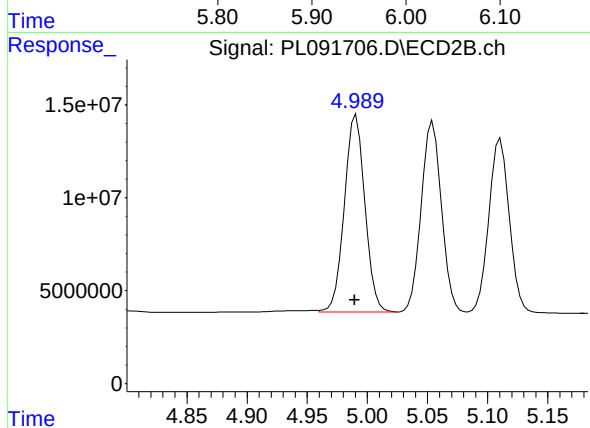
#9 Endosulfan I

R.T.: 5.111 min
Delta R.T.: 0.002 min
Response: 112461314
Conc: 58.29 ng/ml



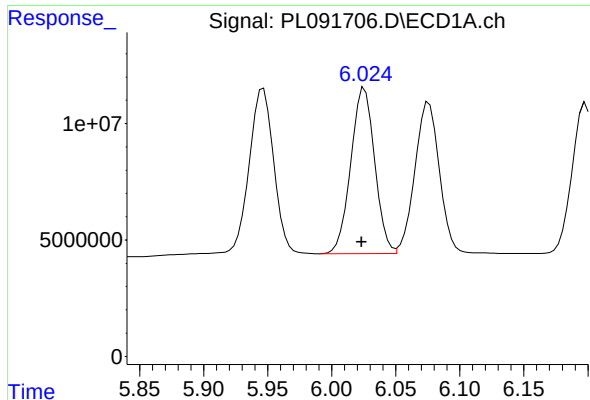
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.002 min
Response: 93801907
Conc: 56.14 ng/ml



#10 gamma-Chlordane

R.T.: 4.989 min
Delta R.T.: 0.000 min
Response: 126317964
Conc: 57.27 ng/ml m



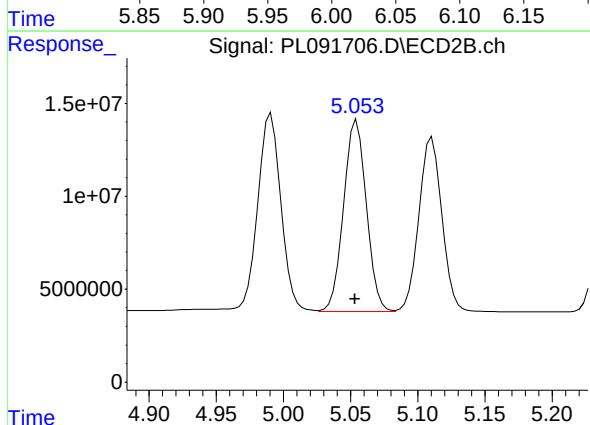
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.002 min
Response: 92634008
Conc: 57.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163345BS

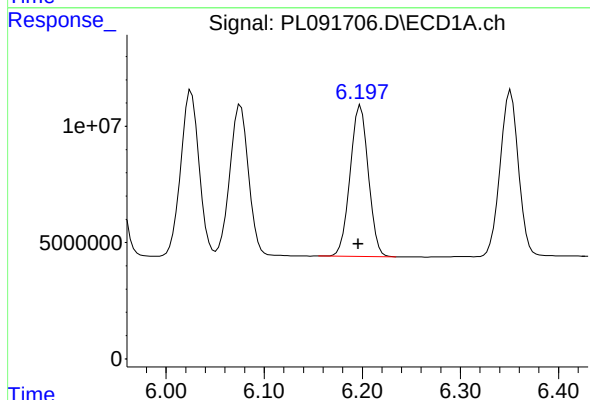
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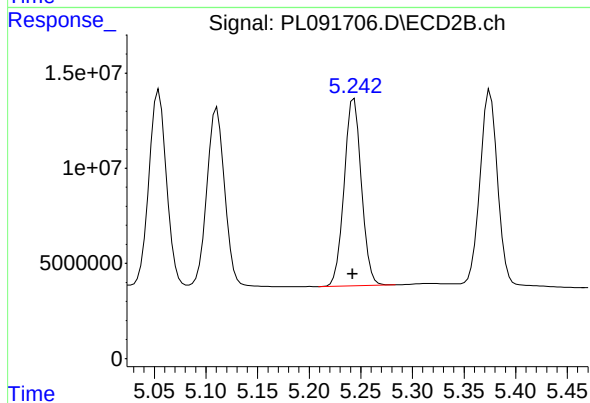
#11 alpha-Chlordane

R.T.: 5.055 min
Delta R.T.: 0.001 min
Response: 122111656
Conc: 59.02 ng/ml



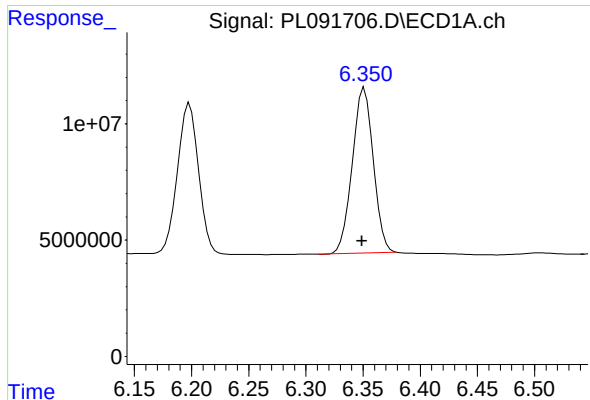
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.002 min
Response: 83836041
Conc: 57.47 ng/ml



#12 4,4'-DDE

R.T.: 5.243 min
Delta R.T.: 0.001 min
Response: 114228208
Conc: 60.22 ng/ml



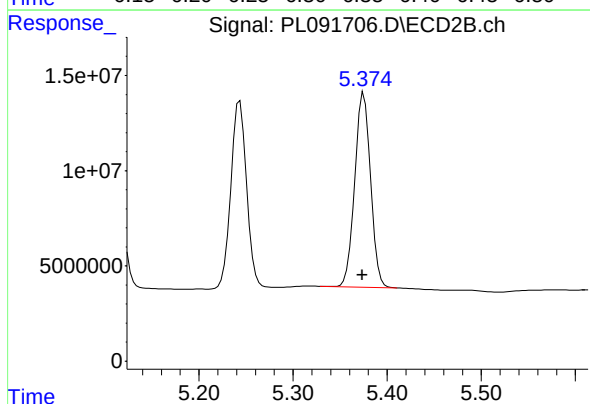
#13 Dieldrin

R.T.: 6.351 min
Delta R.T.: 0.002 min
Response: 91255936
Conc: 55.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163345BS

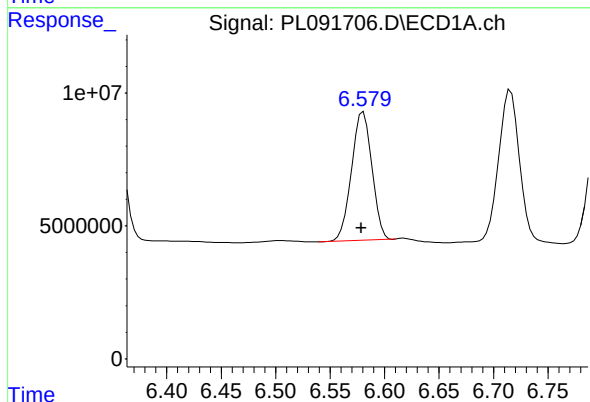
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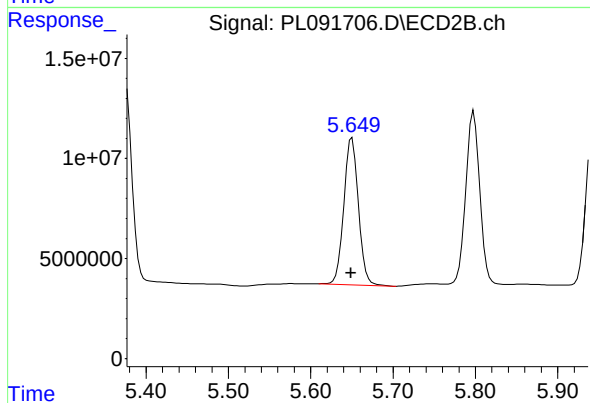
#13 Dieldrin

R.T.: 5.375 min
Delta R.T.: 0.002 min
Response: 119453940
Conc: 58.12 ng/ml



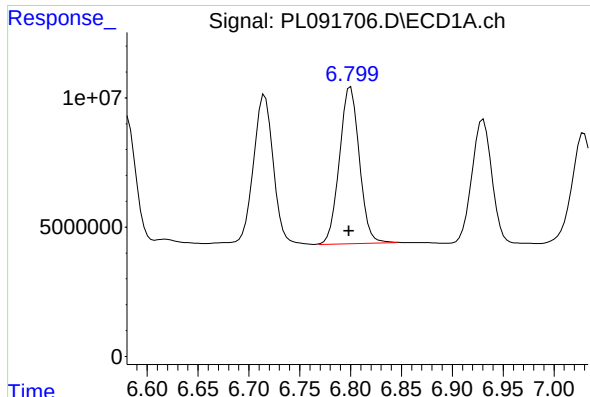
#14 Endrin

R.T.: 6.580 min
Delta R.T.: 0.002 min
Response: 63060435
Conc: 47.42 ng/ml



#14 Endrin

R.T.: 5.650 min
Delta R.T.: 0.001 min
Response: 90464946
Conc: 47.94 ng/ml



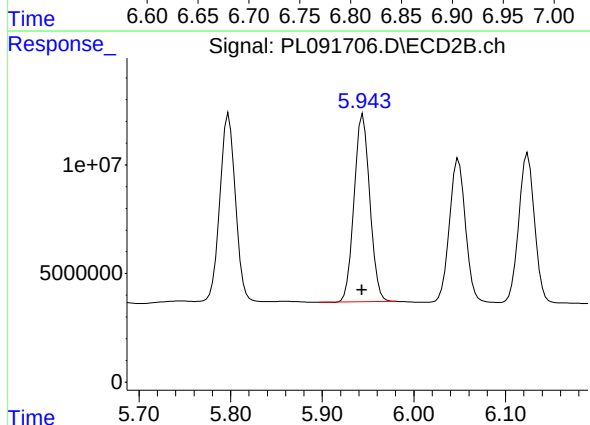
#15 Endosulfan II

R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 82487511
Conc: 53.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163345BS

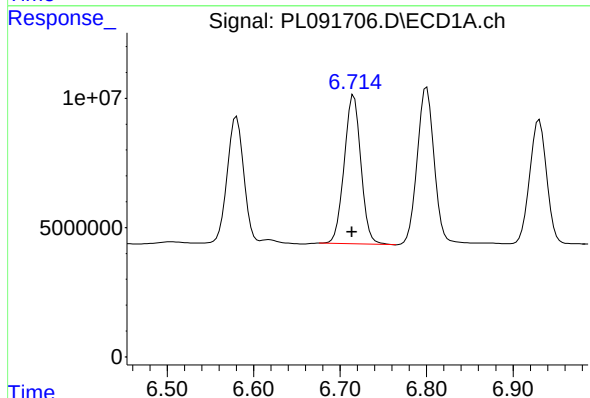
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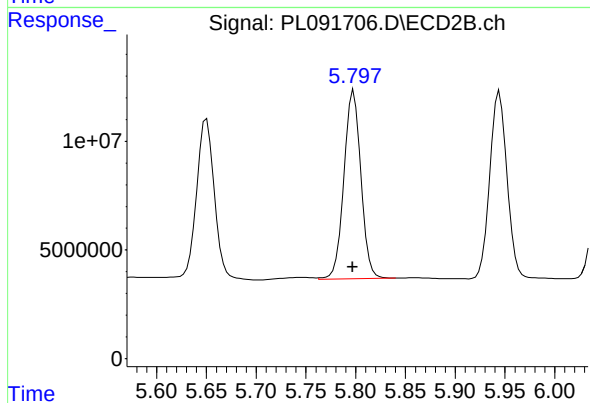
#15 Endosulfan II

R.T.: 5.944 min
Delta R.T.: 0.001 min
Response: 103116826
Conc: 58.29 ng/ml



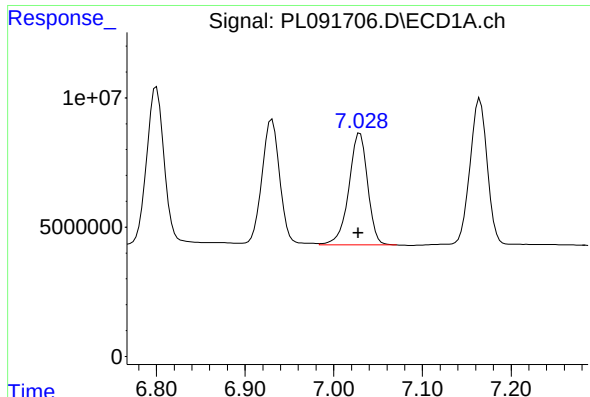
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: 0.002 min
Response: 76879248
Conc: 60.65 ng/ml



#16 4,4'-DDD

R.T.: 5.798 min
Delta R.T.: 0.001 min
Response: 103116594
Conc: 61.53 ng/ml



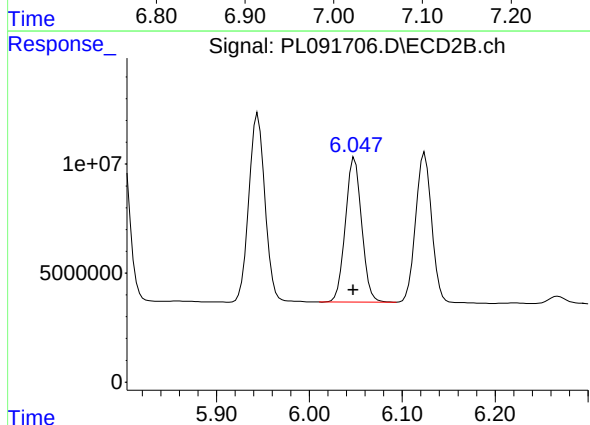
#17 4,4'-DDT

R.T.: 7.030 min
Delta R.T.: 0.002 min
Response: 63688470
Conc: 48.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163345BS

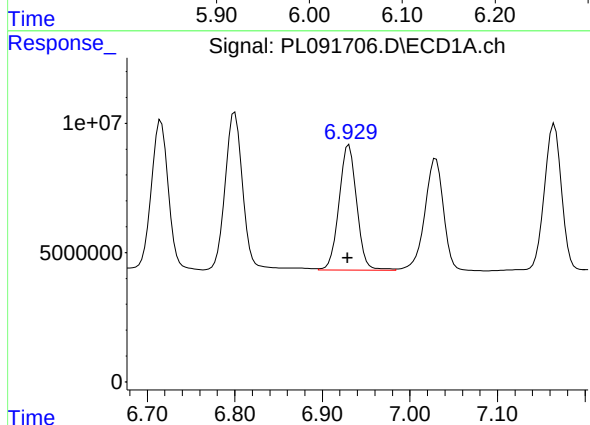
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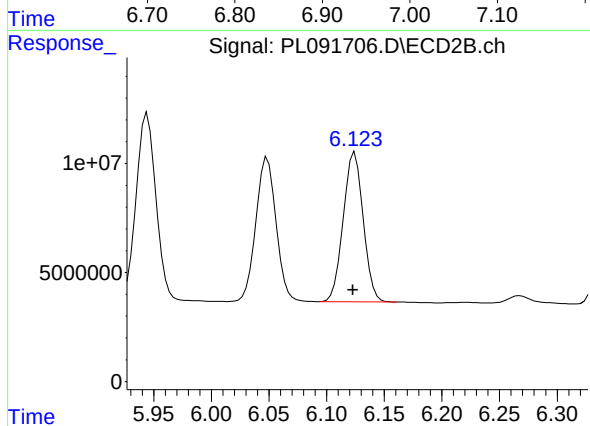
#17 4,4'-DDT

R.T.: 6.049 min
Delta R.T.: 0.001 min
Response: 80887996
Conc: 50.34 ng/ml



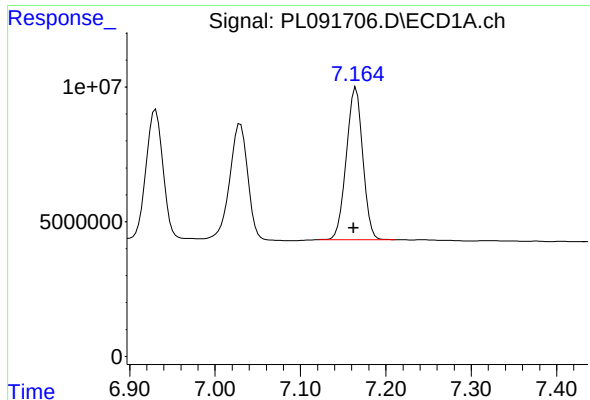
#18 Endrin aldehyde

R.T.: 6.931 min
Delta R.T.: 0.002 min
Response: 68078238
Conc: 57.30 ng/ml



#18 Endrin aldehyde

R.T.: 6.124 min
Delta R.T.: 0.002 min
Response: 82292293
Conc: 60.20 ng/ml



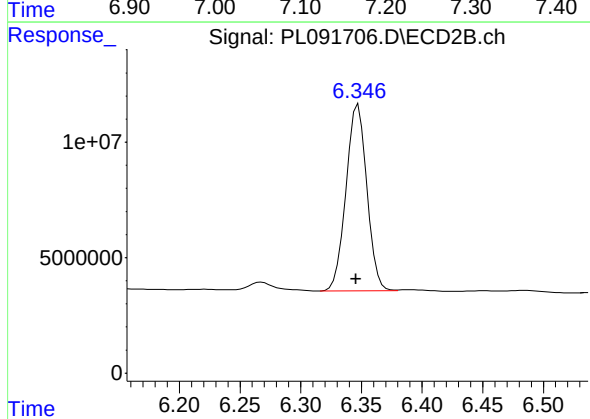
#19 Endosulfan Sulfate

R.T.: 7.165 min
Delta R.T.: 0.003 min
Response: 75778668
Conc: 54.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163345BS

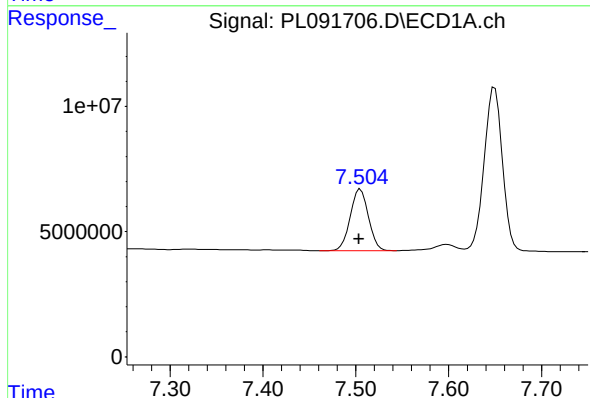
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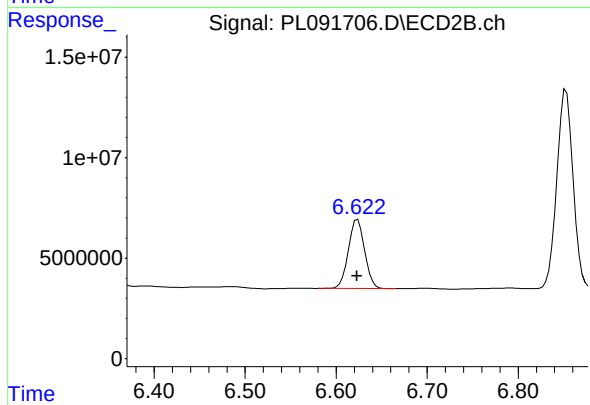
#19 Endosulfan Sulfate

R.T.: 6.347 min
Delta R.T.: 0.002 min
Response: 96518536
Conc: 56.24 ng/ml



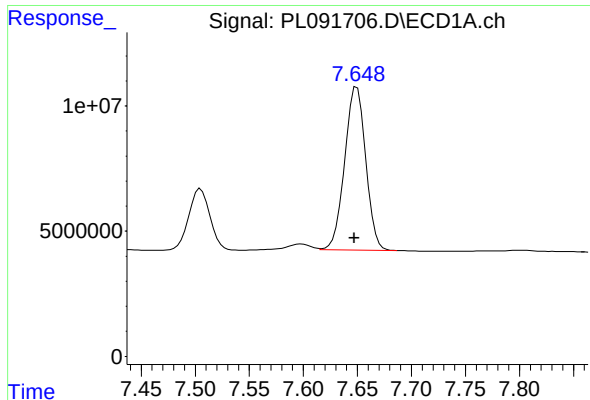
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.002 min
Response: 33515607
Conc: 49.55 ng/ml



#20 Methoxychlor

R.T.: 6.624 min
Delta R.T.: 0.000 min
Response: 43108563
Conc: 48.67 ng/ml



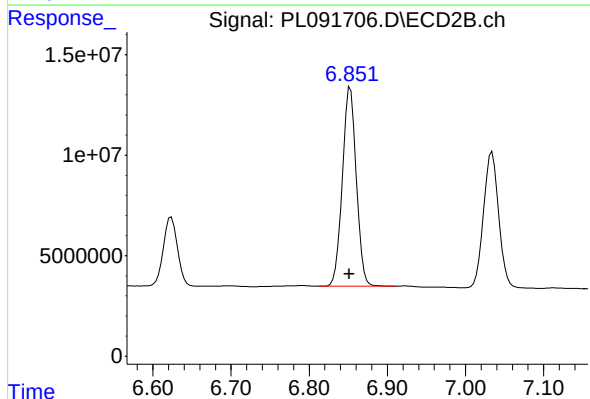
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.001 min
Response: 88585533
Conc: 57.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163345BS

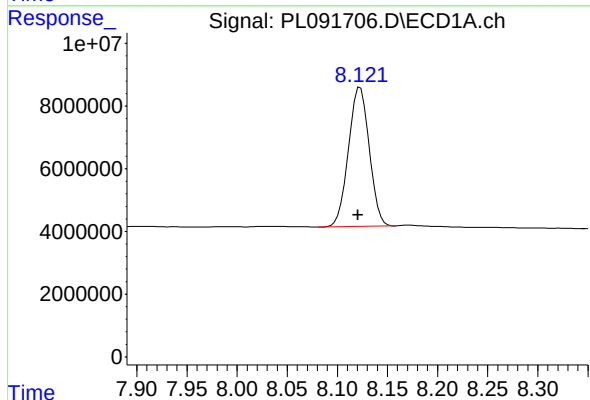
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Supervised By :Ankita Jodhani 09/13/2024



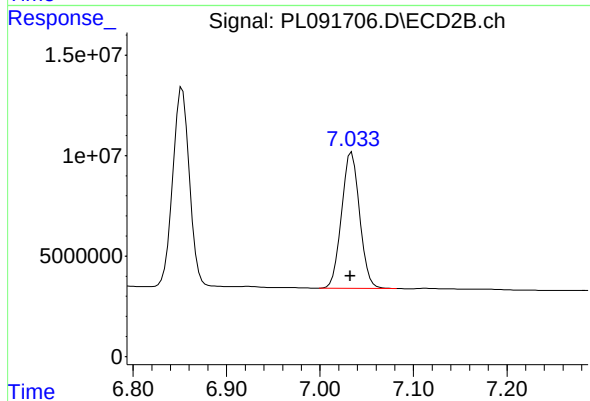
#21 Endrin ketone

R.T.: 6.853 min
Delta R.T.: 0.001 min
Response: 123108774
Conc: 61.21 ng/ml



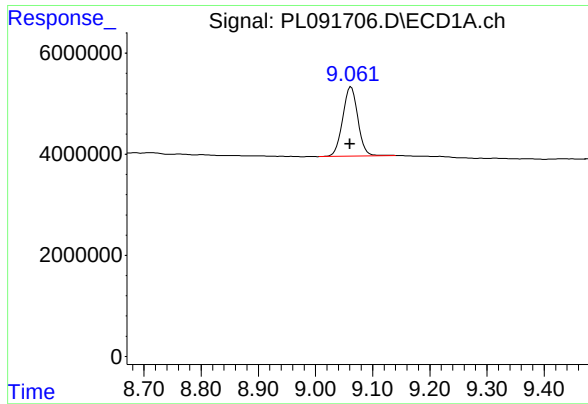
#22 Mirex

R.T.: 8.123 min
Delta R.T.: 0.002 min
Response: 64217488
Conc: 53.63 ng/ml



#22 Mirex

R.T.: 7.034 min
Delta R.T.: 0.001 min
Response: 91047294
Conc: 51.35 ng/ml



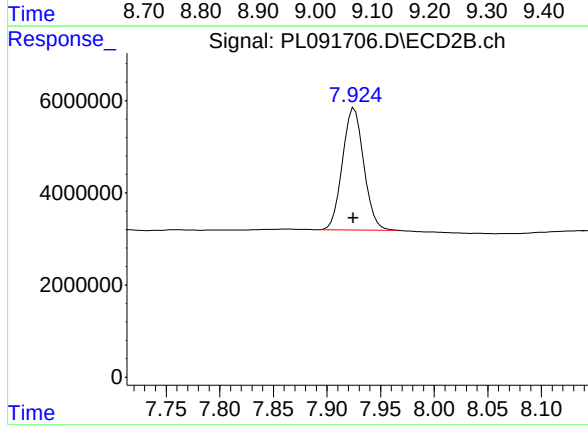
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.002 min
Response: 25402357
Conc: 20.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163345BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/13/2024
Supervised By :Ankita Jodhani 09/13/2024



#28 Decachlorobiphenyl

R.T.: 7.924 min
Delta R.T.: 0.000 min
Response: 36581463
Conc: 19.81 ng/ml m