

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090324\
 Data File : PL091479.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Sep 2024 13:58
 Operator : AR\AJ
 Sample : PB163105BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB163105BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/04/2024
 Supervised By :Ankita Jodhani 09/04/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 04 06:25:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 13:09:19 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...	3.544	2.783	41399064	41192619	19.281	21.103
28) SA Decachlor...	9.058	7.924	35986702	41766708	23.605	22.051
Target Compounds						
2) A alpha-BHC	4.000	3.287	146.5E6	160.7E6	48.873	57.958
3) MA gamma-BHC...	4.333	3.617	140.7E6	150.4E6	49.035	57.095
4) MA Heptachlor	4.921	3.957	132.8E6	145.8E6	49.885	56.446
5) MB Aldrin	5.263	4.237	126.4E6	138.5E6	48.966	56.322
6) B beta-BHC	4.529	3.916	65687826	64169654	48.573	54.517
7) B delta-BHC	4.776	4.145	132.9E6	140.9E6	48.831	55.617
8) B Heptachlo...	5.688	4.739	119.7E6	125.2E6	48.924	55.530
9) A Endosulfan I	6.074	5.109	111.0E6	116.6E6	49.433	55.270
10) B gamma-Chl...	5.944	4.989	120.4E6	130.8E6	49.822	55.316
11) B alpha-Chl...	6.024	5.053	119.1E6	129.4E6	49.456	55.024
12) B 4,4'-DDE	6.196	5.242	104.9E6	117.0E6	50.149	56.012
13) MA Dieldrin	6.349	5.374	117.1E6	126.4E6	49.725	55.490
14) MA Endrin	6.577	5.649	101.7E6	111.2E6	52.429m	54.575
15) B Endosulfa...	6.797	5.943	103.8E6	109.7E6	51.279	56.687
16) A 4,4'-DDD	6.713	5.796	88877195	91245156	58.805	55.274
17) MA 4,4'-DDT	7.027	6.047	95511034	99786587	53.807	56.173
18) B Endrin al...	6.927	6.122	82315072	85683847	51.563	55.007
19) B Endosulfa...	7.162	6.345	97319287	105.7E6	50.723	54.828
20) A Methoxychlor	7.503	6.621	52413356	51546471	55.743	51.911
21) B Endrin ke...	7.646	6.851	107.7E6	119.0E6	51.308	54.626
22) Mirex	8.121	7.032	85767475	99305962	50.417	53.206

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090324\
Data File : PL091479.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Sep 2024 13:58
Operator : AR\AJ
Sample : PB163105BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB163105BS

Manual Integrations

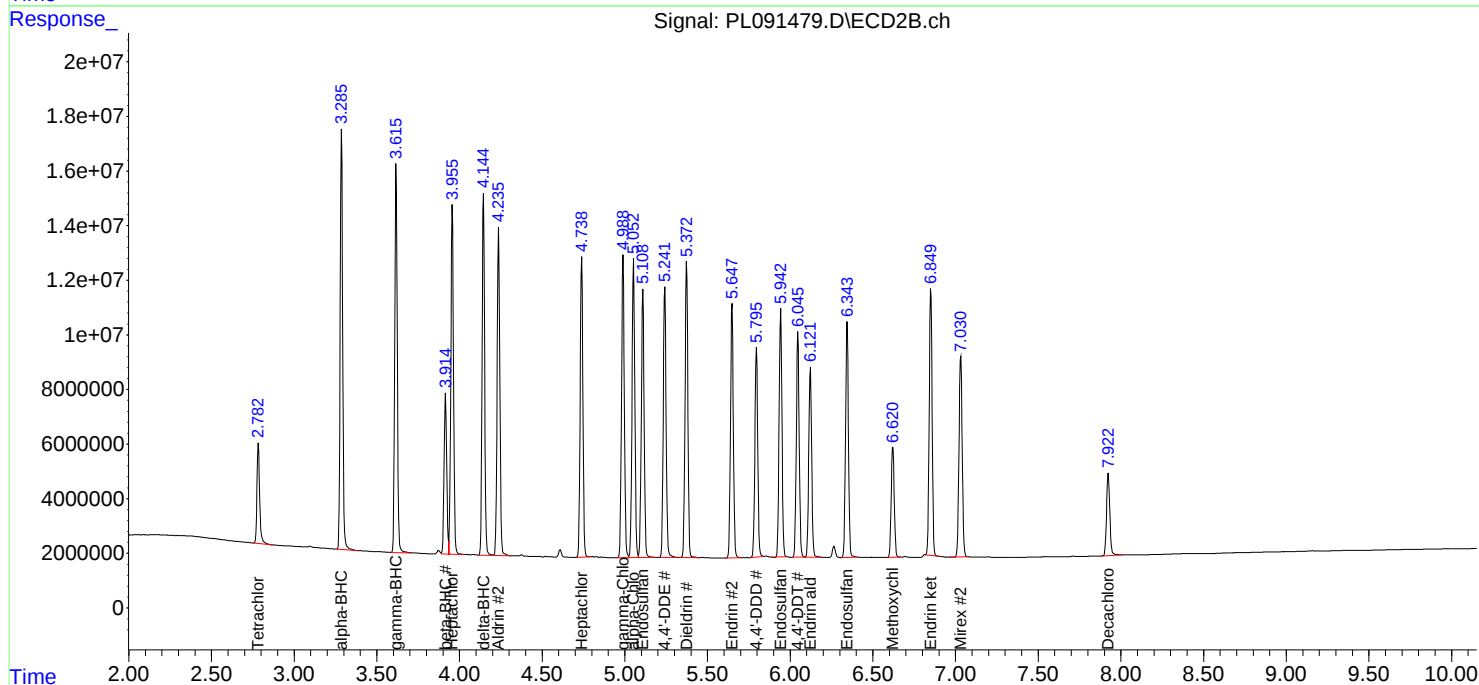
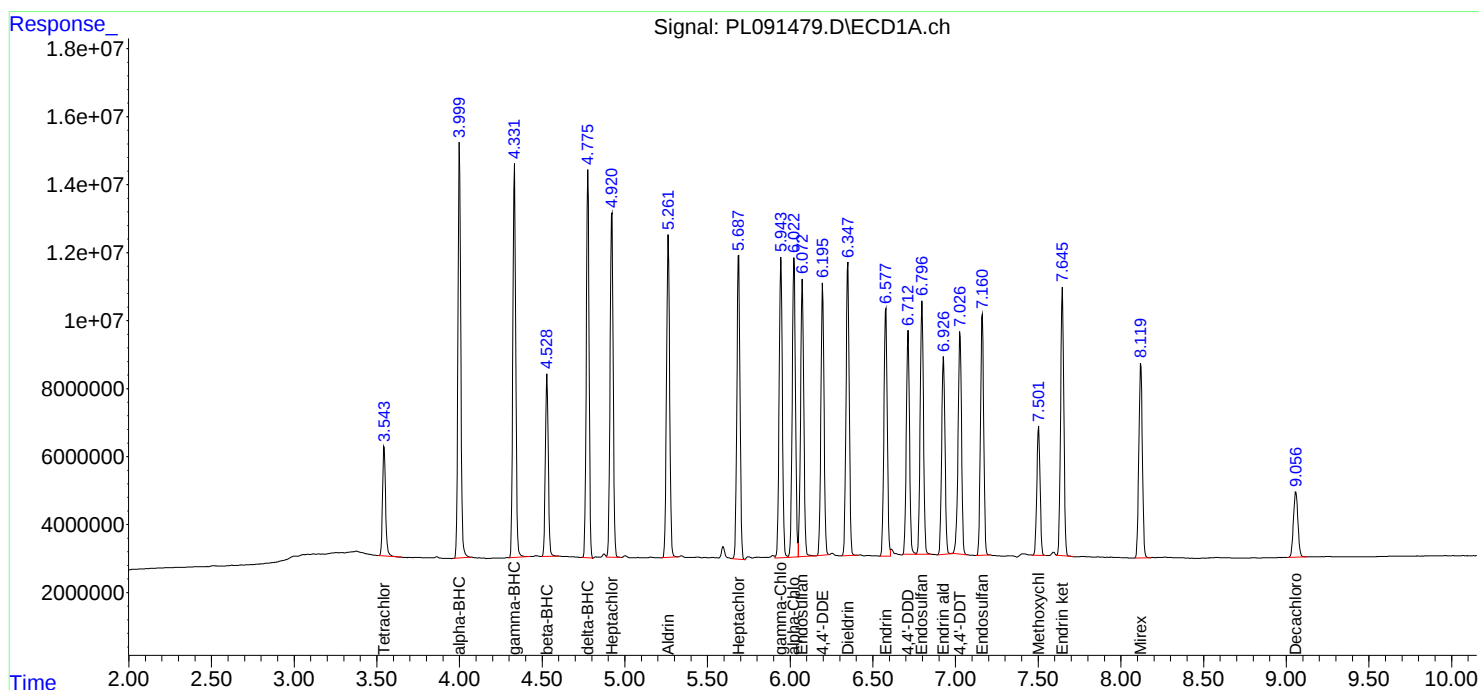
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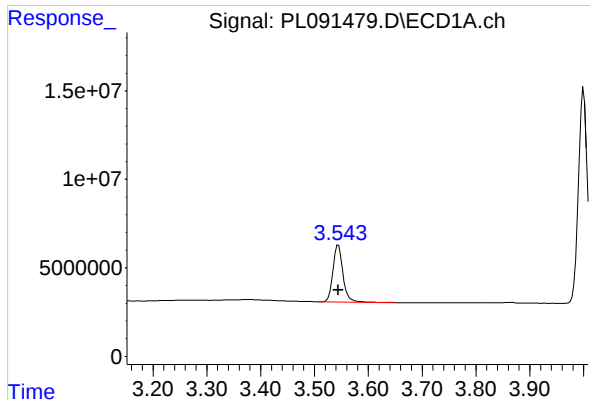
Reviewed By :Abdul Mirza 09/04/2024

Supervised By :Ankita Jodhani 09/04/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 04 06:25:56 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
Quant Title : GC Extractables
QLast Update : Wed Aug 14 13:09:19 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





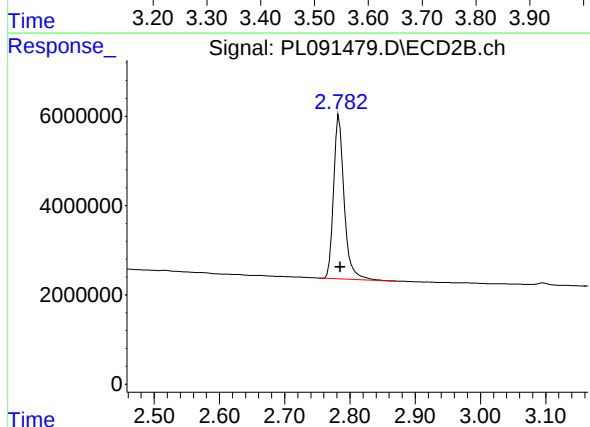
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 41399064
Conc: 19.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163105BS

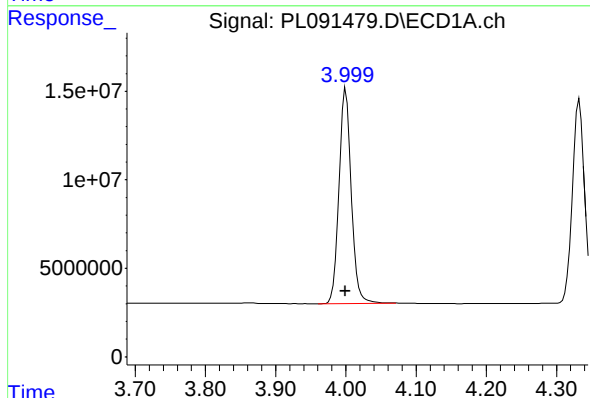
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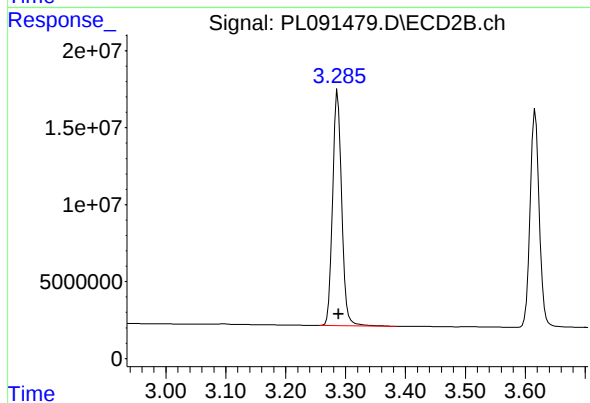
#1 Tetrachloro-m-xylene

R.T.: 2.783 min
Delta R.T.: -0.001 min
Response: 41192619
Conc: 21.10 ng/ml



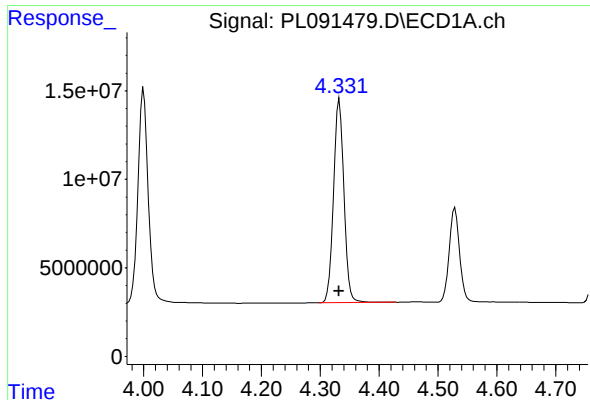
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 146512509
Conc: 48.87 ng/ml



#2 alpha-BHC

R.T.: 3.287 min
Delta R.T.: -0.002 min
Response: 160744674
Conc: 57.96 ng/ml



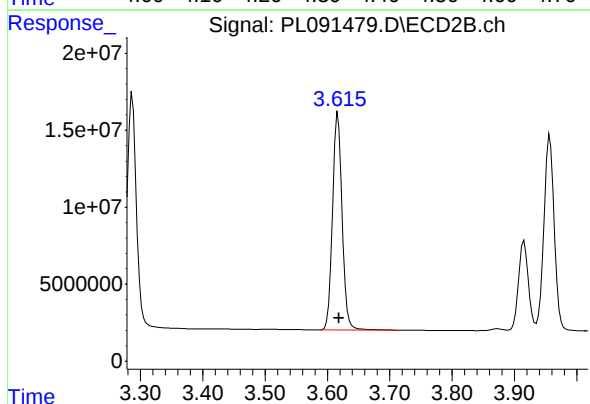
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.001 min
Response: 140664137
Conc: 49.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163105BS

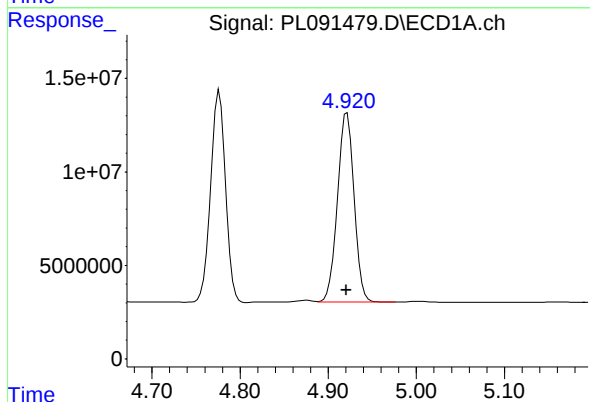
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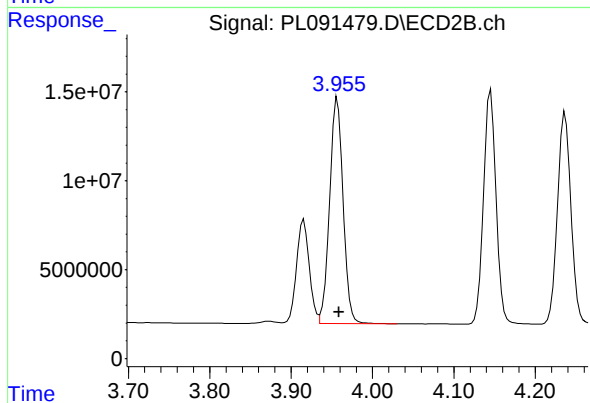
#3 gamma-BHC (Lindane)

R.T.: 3.617 min
Delta R.T.: -0.002 min
Response: 150383332
Conc: 57.09 ng/ml



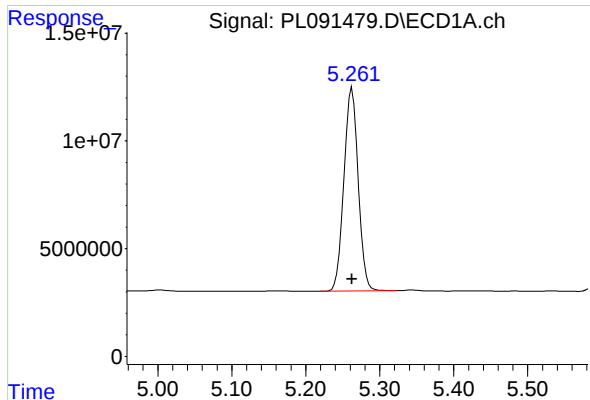
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 132844043
Conc: 49.88 ng/ml



#4 Heptachlor

R.T.: 3.957 min
Delta R.T.: -0.002 min
Response: 145784006
Conc: 56.45 ng/ml



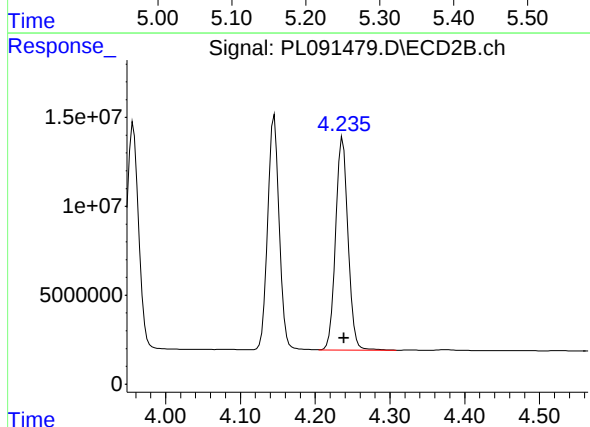
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 126374506
Conc: 48.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163105BS

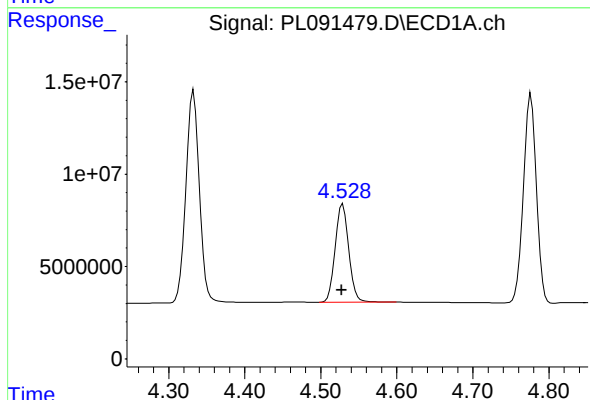
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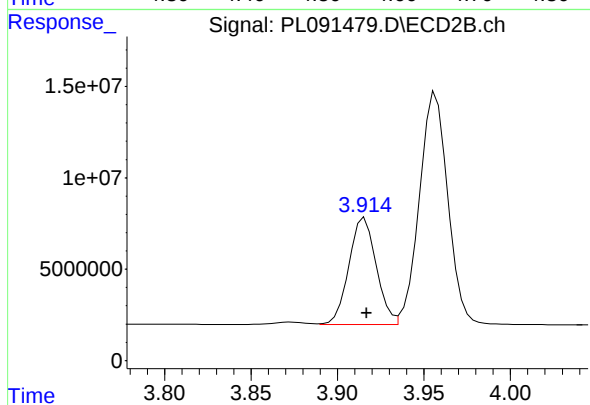
#5 Aldrin

R.T.: 4.237 min
Delta R.T.: -0.002 min
Response: 138506121
Conc: 56.32 ng/ml



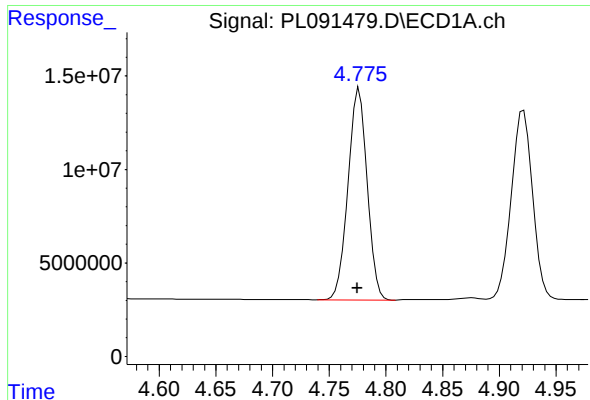
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.001 min
Response: 65687826
Conc: 48.57 ng/ml



#6 beta-BHC

R.T.: 3.916 min
Delta R.T.: -0.001 min
Response: 64169654
Conc: 54.52 ng/ml



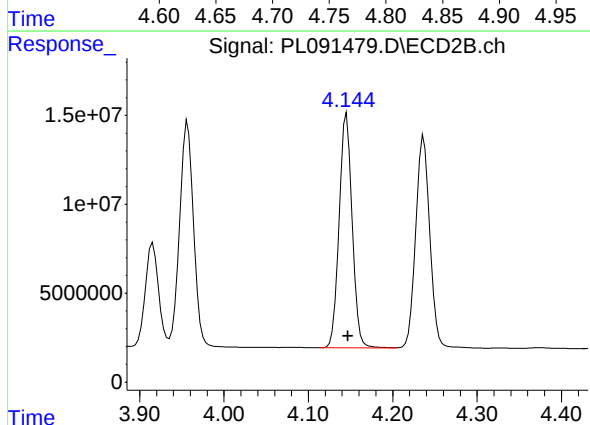
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: 0.001 min
Response: 132941270
Conc: 48.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163105BS

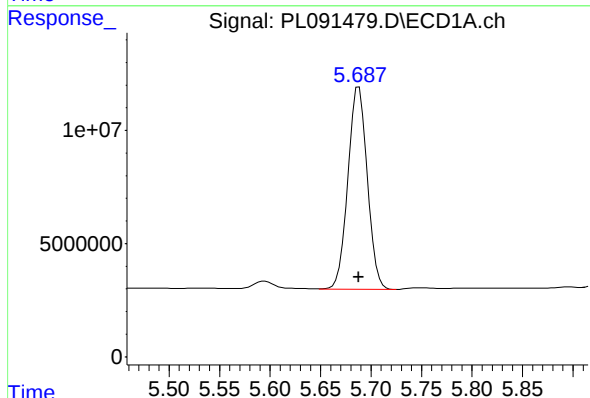
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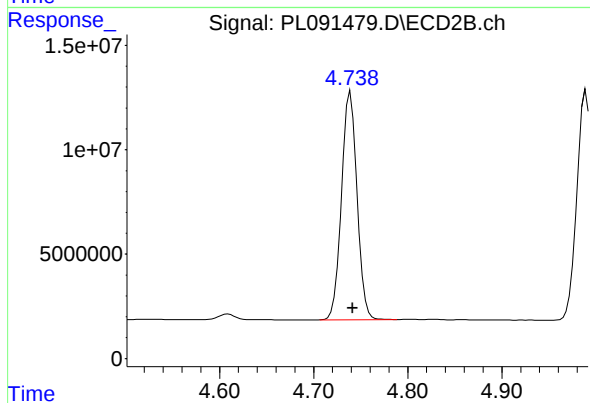
#7 delta-BHC

R.T.: 4.145 min
Delta R.T.: -0.002 min
Response: 140945345
Conc: 55.62 ng/ml



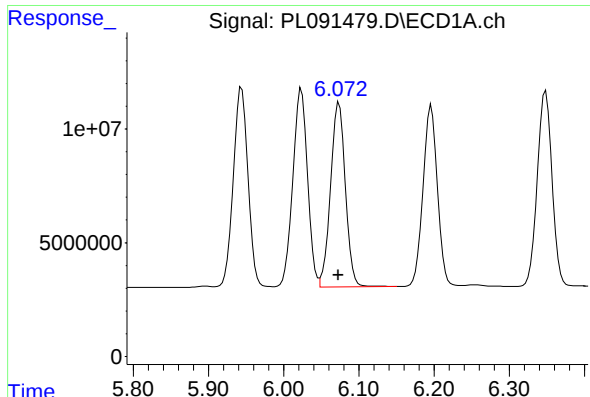
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 119695183
Conc: 48.92 ng/ml



#8 Heptachlor epoxide

R.T.: 4.739 min
Delta R.T.: -0.002 min
Response: 125210205
Conc: 55.53 ng/ml



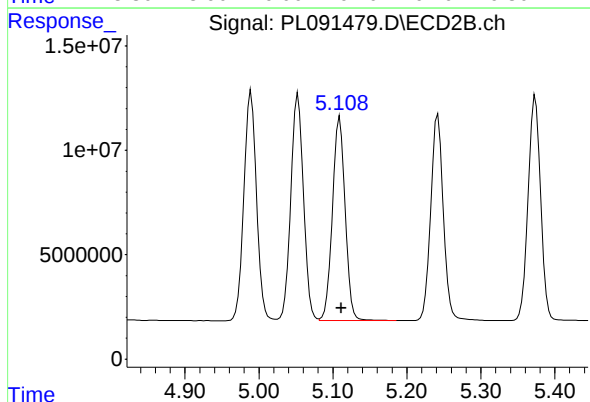
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 110993124
Conc: 49.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163105BS

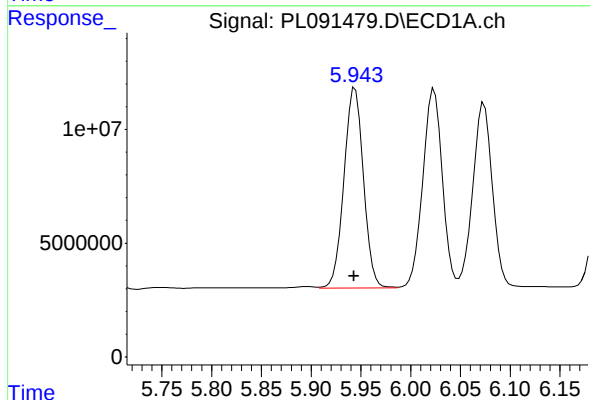
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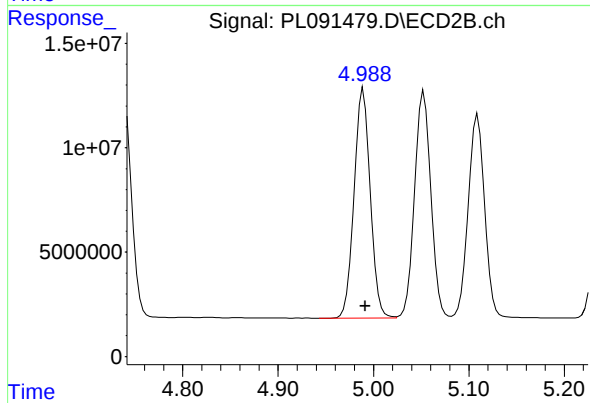
#9 Endosulfan I

R.T.: 5.109 min
Delta R.T.: -0.002 min
Response: 116628381
Conc: 55.27 ng/ml



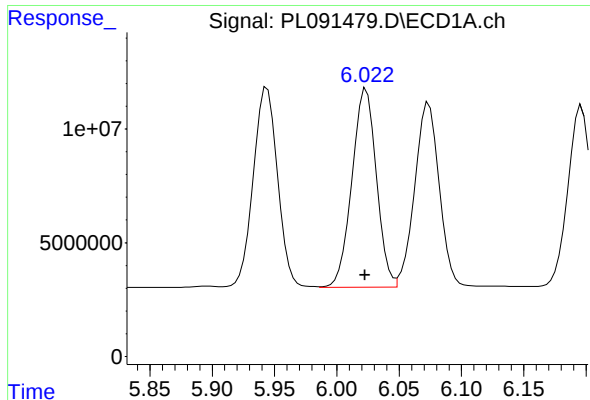
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.001 min
Response: 120391709
Conc: 49.82 ng/ml



#10 gamma-Chlordane

R.T.: 4.989 min
Delta R.T.: -0.002 min
Response: 130765401
Conc: 55.32 ng/ml



#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.001 min
Response: 119077416
Conc: 49.46 ng/ml

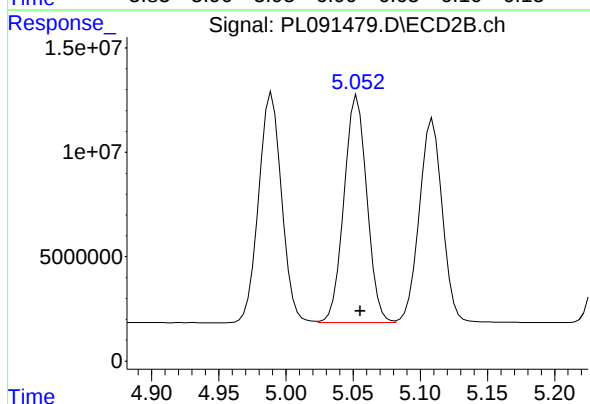
Instrument :

ECD_L

ClientSampleId :
PB163105BS

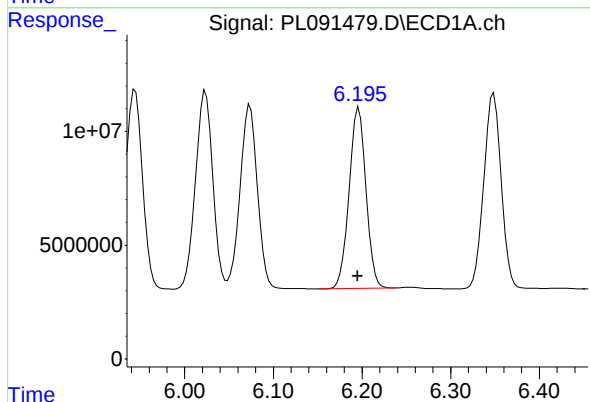
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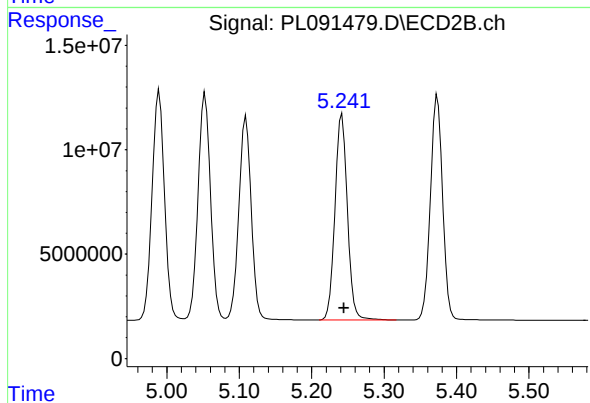
#11 alpha-Chlordane

R.T.: 5.053 min
Delta R.T.: -0.002 min
Response: 129448046
Conc: 55.02 ng/ml



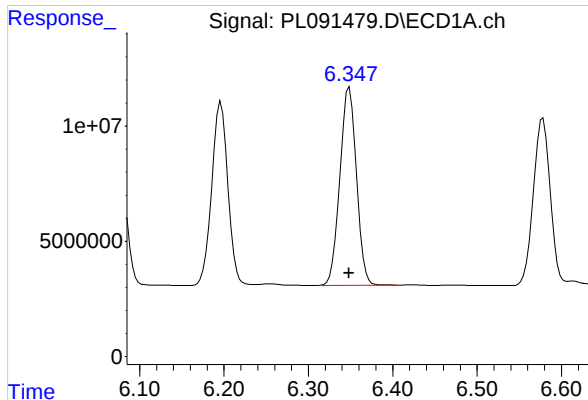
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.001 min
Response: 104916334
Conc: 50.15 ng/ml



#12 4,4'-DDE

R.T.: 5.242 min
Delta R.T.: -0.003 min
Response: 117032091
Conc: 56.01 ng/ml



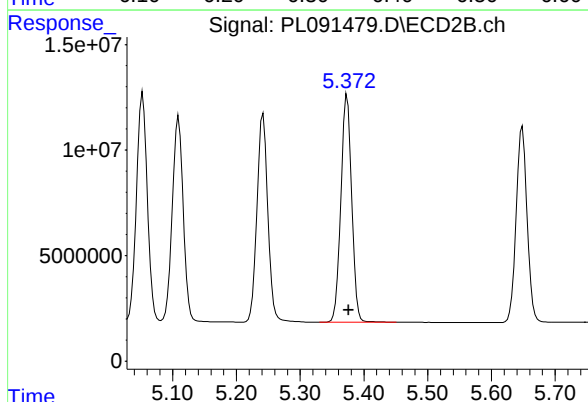
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 117114530
Conc: 49.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163105BS

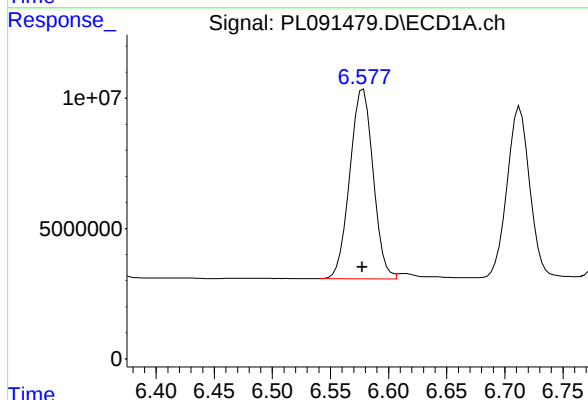
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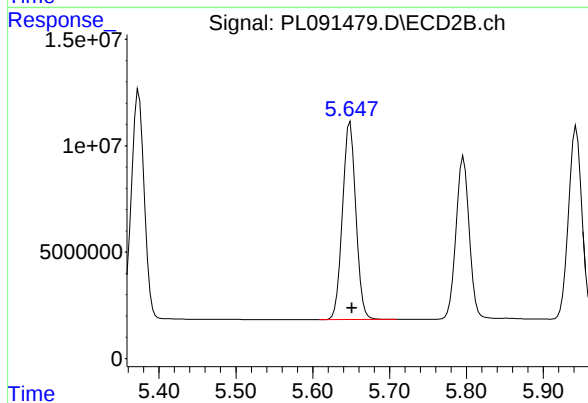
#13 Dieldrin

R.T.: 5.374 min
Delta R.T.: -0.002 min
Response: 126380263
Conc: 55.49 ng/ml



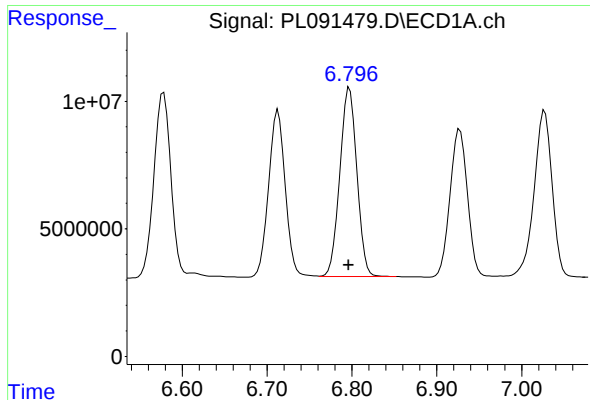
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.000 min
Response: 101672766
Conc: 52.43 ng/ml m



#14 Endrin

R.T.: 5.649 min
Delta R.T.: -0.003 min
Response: 111177809
Conc: 54.58 ng/ml



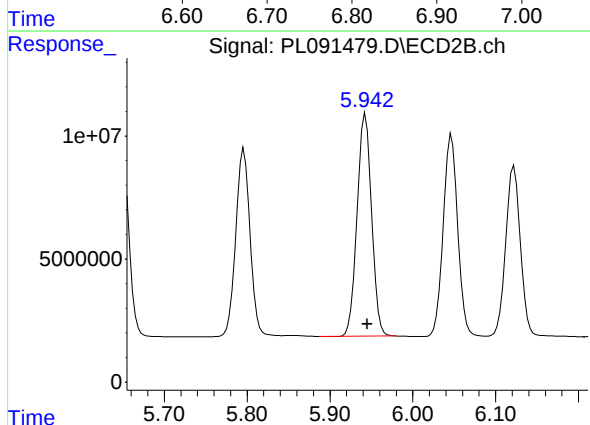
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: 0.001 min
Response: 103771728
Conc: 51.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163105BS

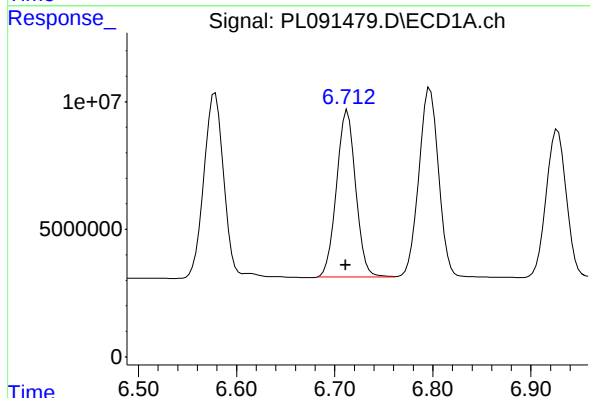
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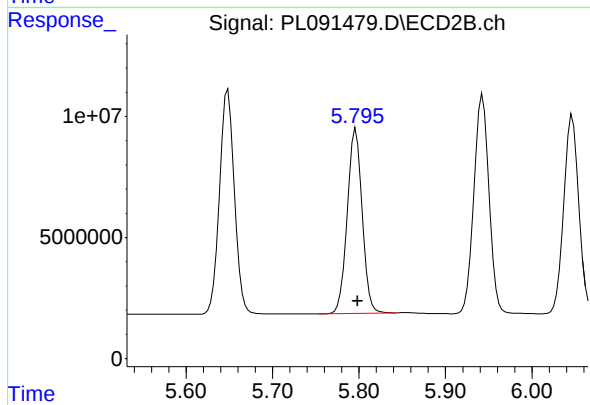
#15 Endosulfan II

R.T.: 5.943 min
Delta R.T.: -0.002 min
Response: 109670734
Conc: 56.69 ng/ml



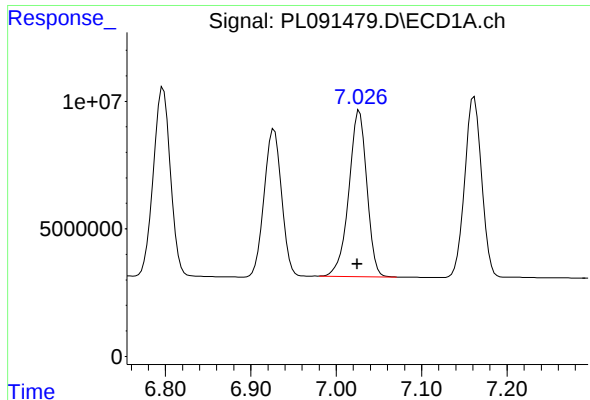
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: 0.002 min
Response: 88877195
Conc: 58.81 ng/ml



#16 4,4'-DDD

R.T.: 5.796 min
Delta R.T.: -0.002 min
Response: 91245156
Conc: 55.27 ng/ml



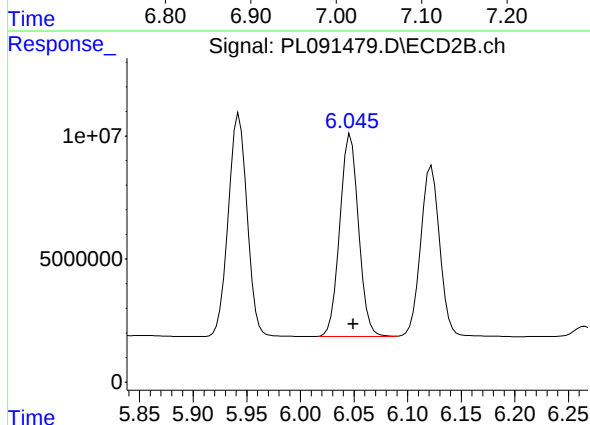
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.002 min
Response: 95511034
Conc: 53.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163105BS

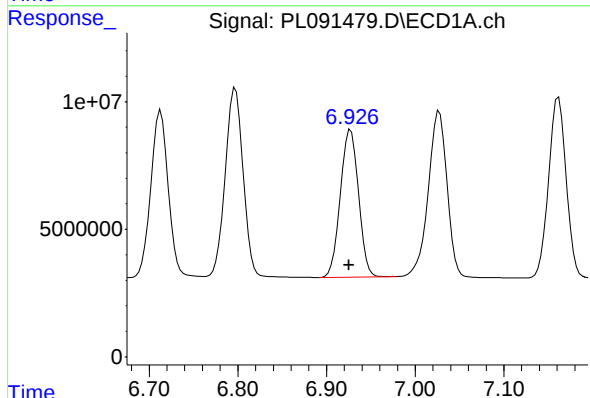
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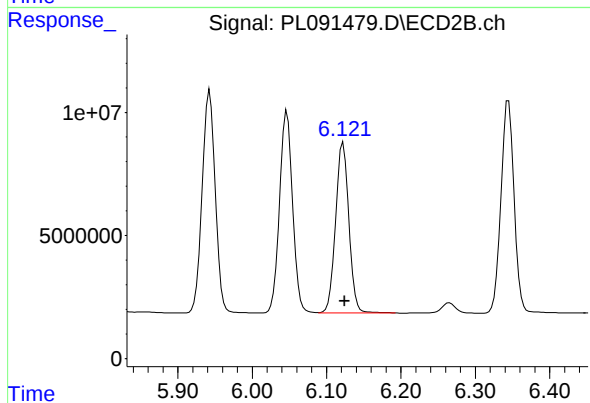
#17 4,4'-DDT

R.T.: 6.047 min
Delta R.T.: -0.003 min
Response: 99786587
Conc: 56.17 ng/ml



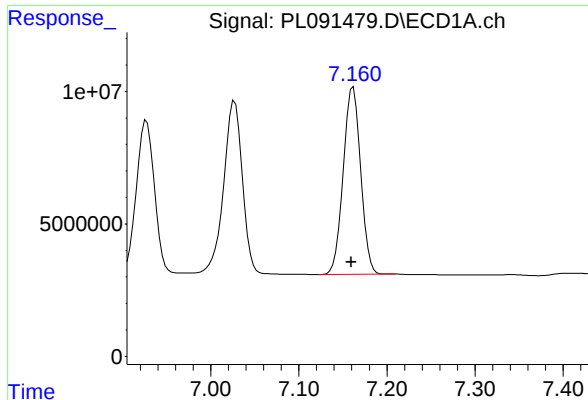
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: 0.002 min
Response: 82315072
Conc: 51.56 ng/ml



#18 Endrin aldehyde

R.T.: 6.122 min
Delta R.T.: -0.002 min
Response: 85683847
Conc: 55.01 ng/ml



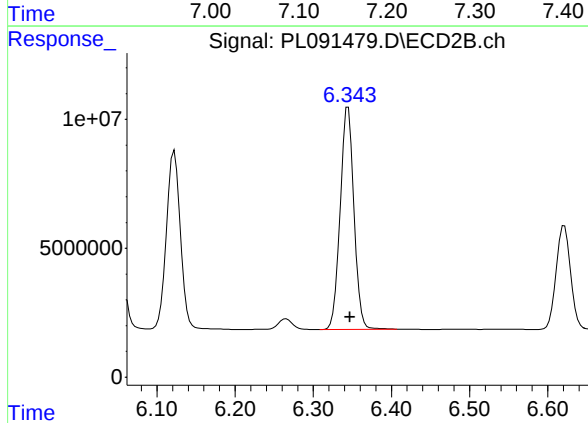
#19 Endosulfan Sulfate

R.T.: 7.162 min
Delta R.T.: 0.002 min
Response: 97319287
Conc: 50.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163105BS

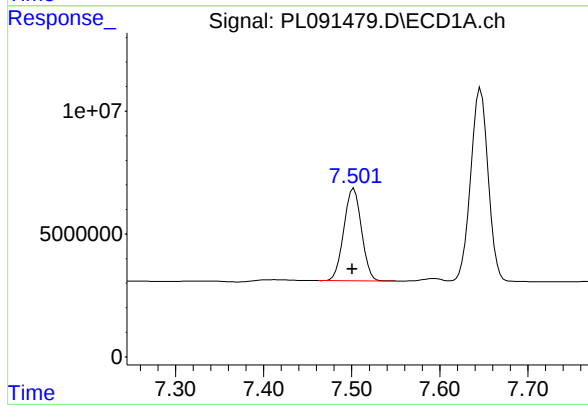
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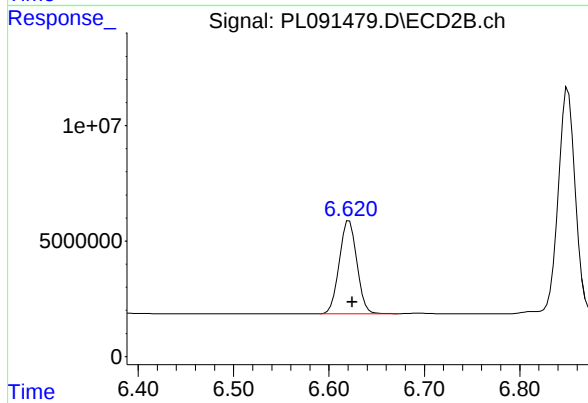
#19 Endosulfan Sulfate

R.T.: 6.345 min
Delta R.T.: -0.003 min
Response: 105707521
Conc: 54.83 ng/ml



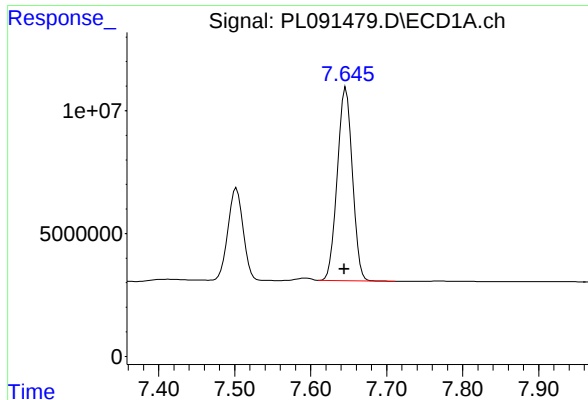
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.002 min
Response: 52413356
Conc: 55.74 ng/ml



#20 Methoxychlor

R.T.: 6.621 min
Delta R.T.: -0.003 min
Response: 51546471
Conc: 51.91 ng/ml



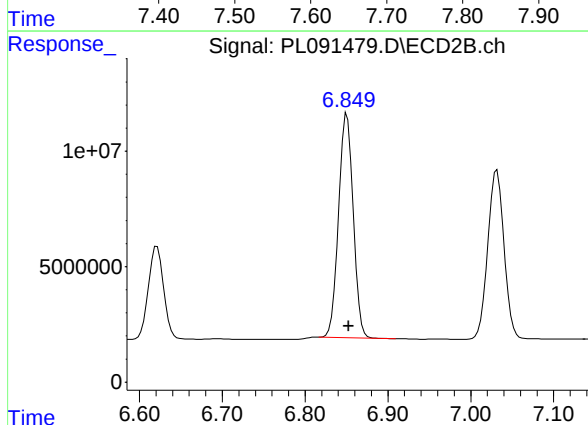
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: 0.002 min
Response: 107732095
Conc: 51.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163105BS

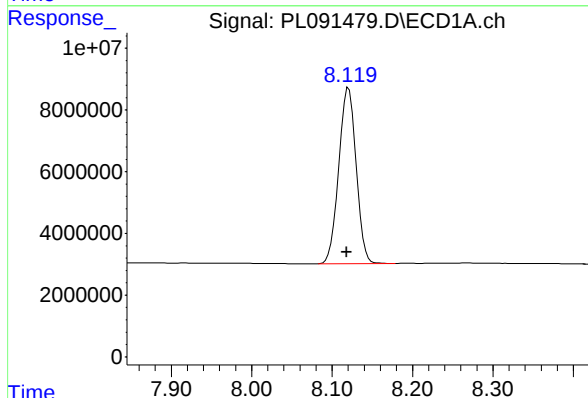
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/04/2024
Supervised By :Ankita Jodhani 09/04/2024



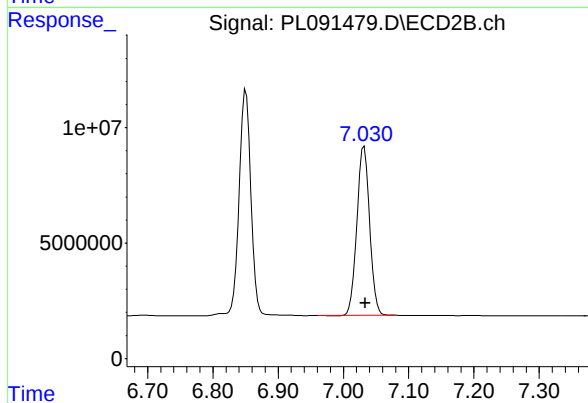
#21 Endrin ketone

R.T.: 6.851 min
Delta R.T.: -0.002 min
Response: 118973265
Conc: 54.63 ng/ml



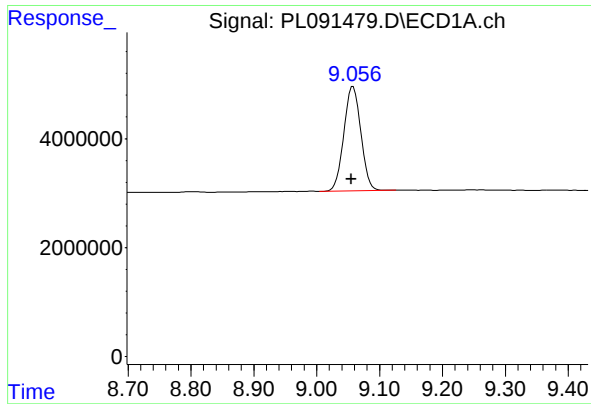
#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.003 min
Response: 85767475
Conc: 50.42 ng/ml



#22 Mirex

R.T.: 7.032 min
Delta R.T.: -0.002 min
Response: 99305962
Conc: 53.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: 0.003 min
Response: 35986702
Conc: 23.60 ng/ml

Instrument :

ECD_L

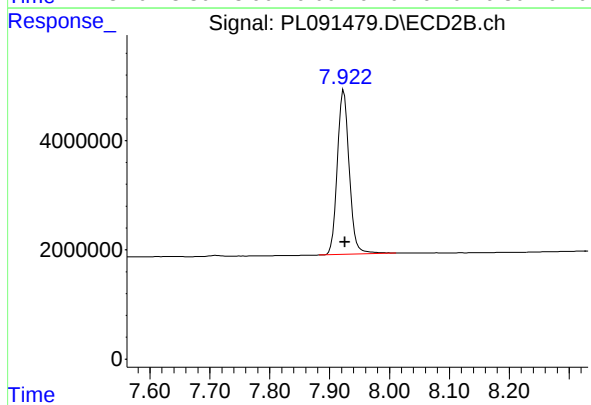
ClientSampleId :

PB163105BS

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#28 Decachlorobiphenyl

R.T.: 7.924 min
Delta R.T.: -0.002 min
Response: 41766708
Conc: 22.05 ng/ml