

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122624\
 Data File : PL093524.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Dec 2024 14:13
 Operator : AR\AJ
 Sample : P5382-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 COMP-3MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/27/2024
 Supervised By :Ankita Jodhani 12/27/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 27 04:02:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 15:29:41 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.537	2.774	46311297	51545641	18.706m	17.706
2) SA Decachlor...	9.053	7.911	35870368	55585871	19.400	18.616
Target Compounds						
2) A alpha-BHC	3.994	3.277	177.7E6	223.5E6	51.470	51.426
3) MA gamma-BHC...	4.327	3.607	168.1E6	215.6E6	51.244	51.093
4) MA Heptachlor	4.915	3.946	156.7E6	226.1E6	53.523	54.414
5) MB Aldrin	5.257	4.226	146.6E6	210.4E6	50.393	51.289
6) B beta-BHC	4.526	3.907	74331879	96651816	51.562	53.770
7) B delta-BHC	4.773	4.136	157.4E6	218.1E6	51.404	51.563
8) B Heptachlo...	5.684	4.728	135.6E6	198.8E6	51.484	51.928
9) A Endosulfan I	6.069	5.098	125.2E6	178.1E6	53.085	50.981
10) B gamma-Chl...	5.940	4.976	132.7E6	209.7E6	52.815	54.415m
11) B alpha-Chl...	6.019	5.042	134.5E6	207.7E6	53.737	54.547
12) B 4,4'-DDE	6.192	5.231	115.9E6	201.6E6	51.667	54.814
13) MA Dieldrin	6.345	5.362	130.9E6	210.7E6	52.446	54.671
14) MA Endrin	6.572	5.637	114.4E6	190.2E6	53.150m	57.486m
15) B Endosulfa...	6.794	5.933	116.7E6	183.3E6	51.320	56.405
16) A 4,4'-DDD	6.708	5.786	97816936	156.2E6	55.706m	55.200
17) MA 4,4'-DDT	7.023	6.036	105.7E6	175.6E6	57.194	58.152
18) B Endrin al...	6.924	6.112	90222224	139.6E6	50.843	51.834
19) B Endosulfa...	7.159	6.335	109.0E6	172.6E6	53.993	54.706
20) A Methoxychlor	7.500	6.611	56946559	90874046	56.965	56.456
21) B Endrin ke...	7.644	6.840	121.0E6	190.0E6	53.914	52.188
22) Mirex	8.116	7.021	89839579	147.4E6	48.076	48.219

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122624\
Data File : PL093524.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Dec 2024 14:13
Operator : AR\AJ
Sample : P5382-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

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Manual Integrations

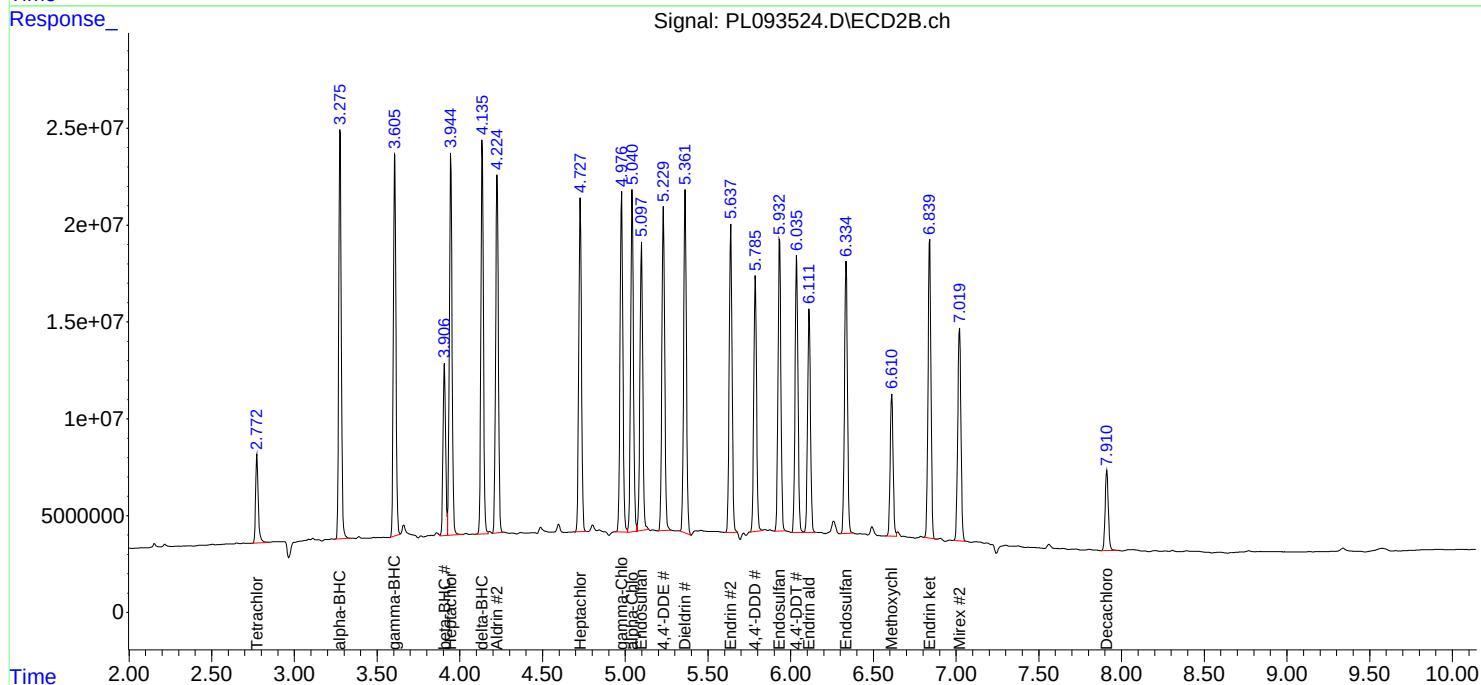
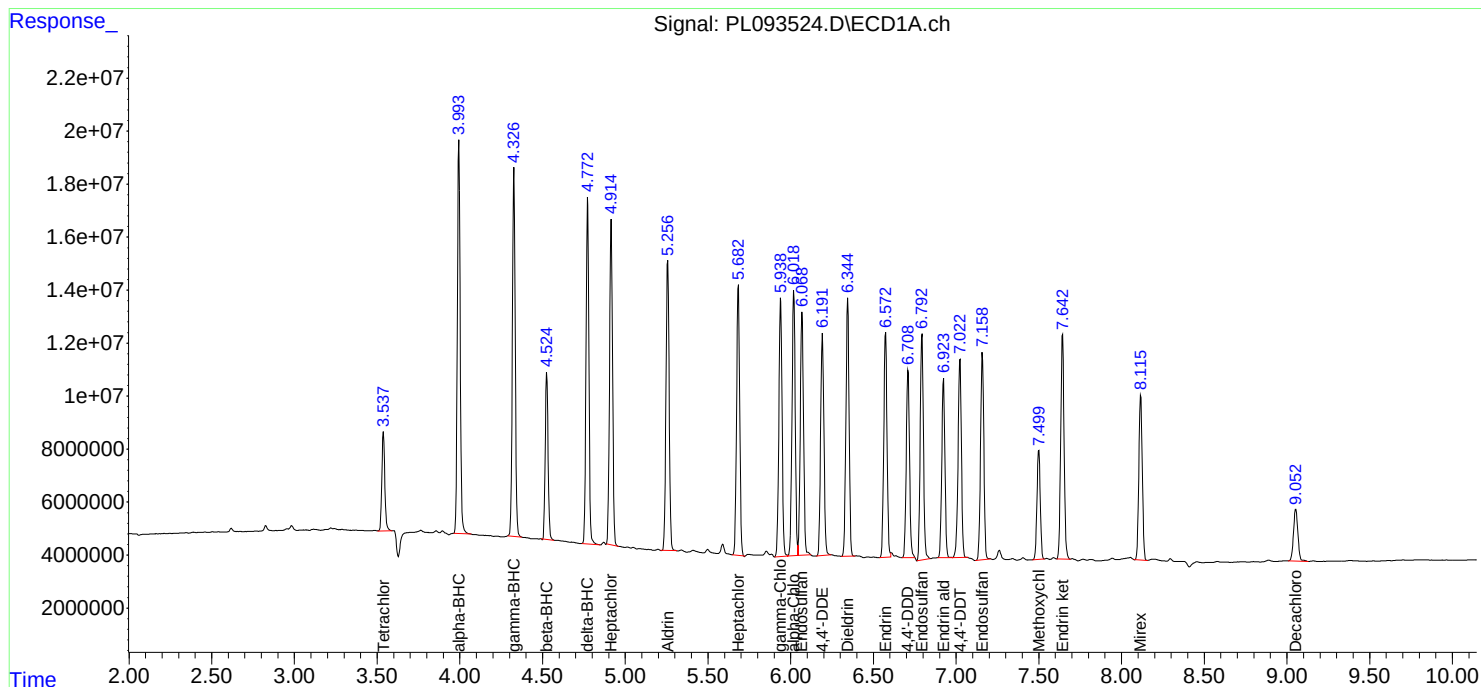
APPROVED

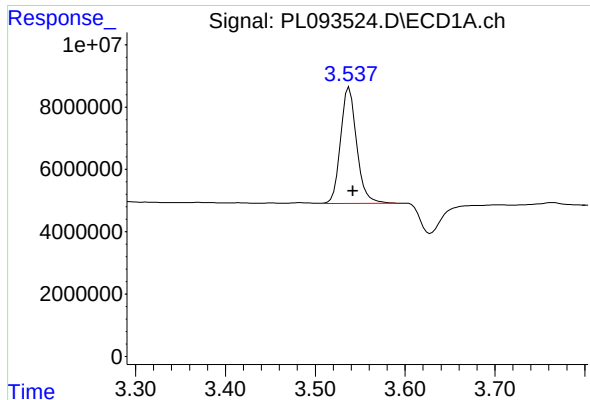
Reviewed By :Abdul Mirza 12/27/2024

Supervised By :Ankita Jodhani 12/27/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 27 04:02:49 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 2024
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





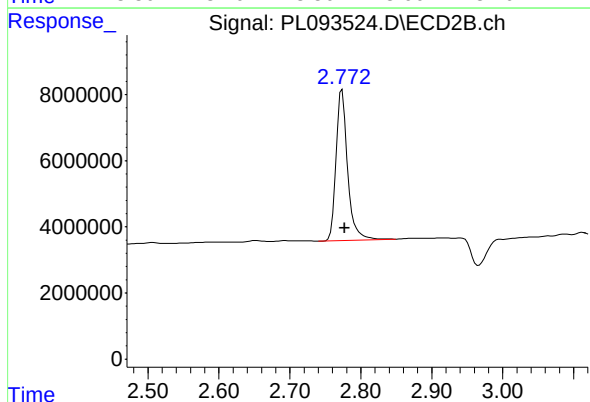
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.005 min
Response: 46311297
Conc: 18.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-3MSD

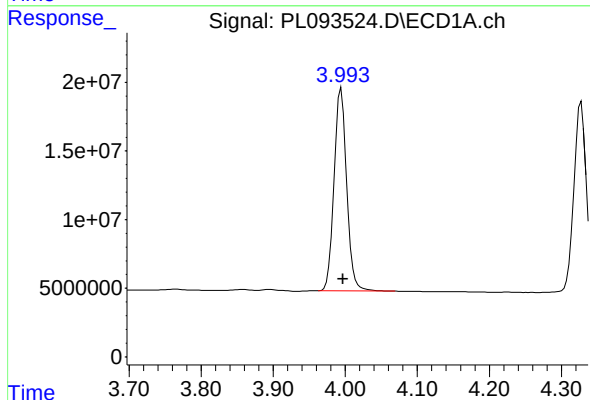
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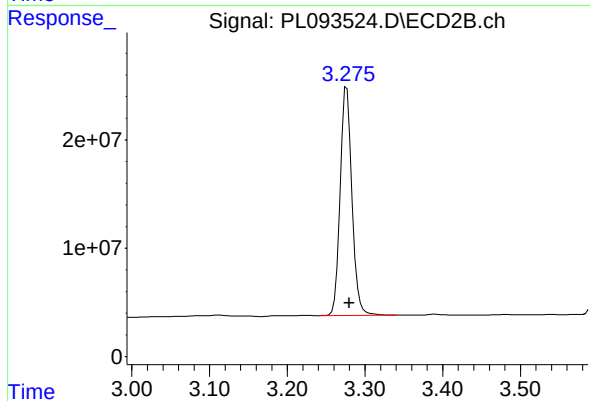
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: -0.004 min
Response: 51545641
Conc: 17.71 ng/ml



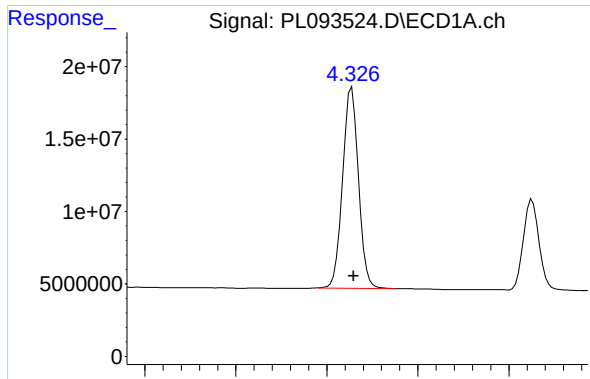
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: -0.003 min
Response: 177693318
Conc: 51.47 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: -0.003 min
Response: 223539256
Conc: 51.43 ng/ml



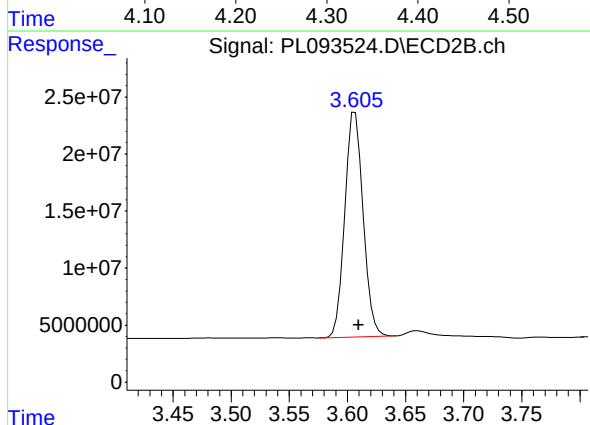
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: -0.002 min
Response: 168050714
Conc: 51.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-3MSD

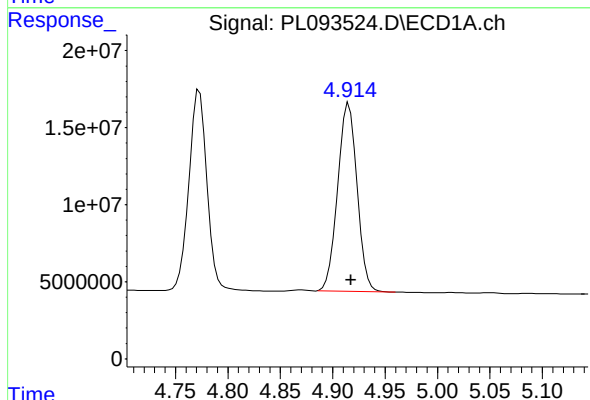
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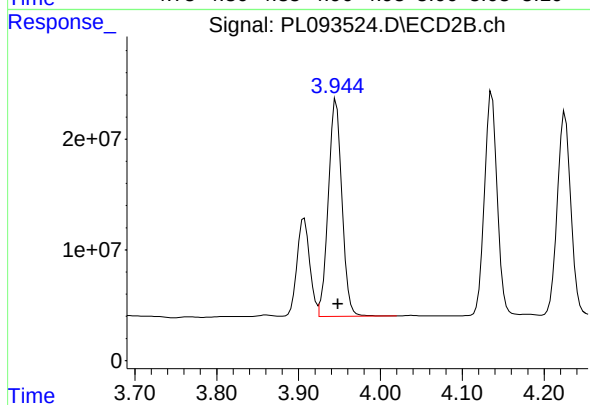
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: -0.003 min
Response: 215579503
Conc: 51.09 ng/ml



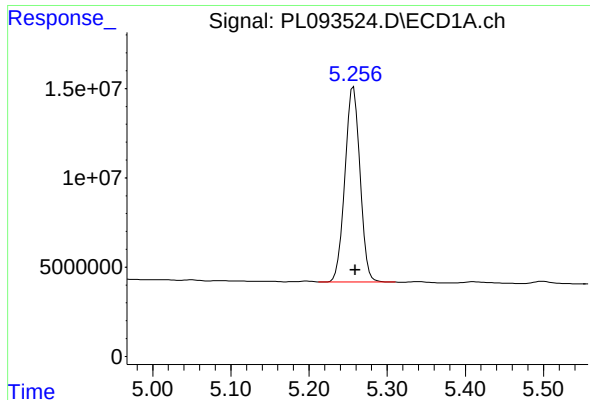
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: -0.002 min
Response: 156733297
Conc: 53.52 ng/ml



#4 Heptachlor

R.T.: 3.946 min
Delta R.T.: -0.002 min
Response: 226137952
Conc: 54.41 ng/ml



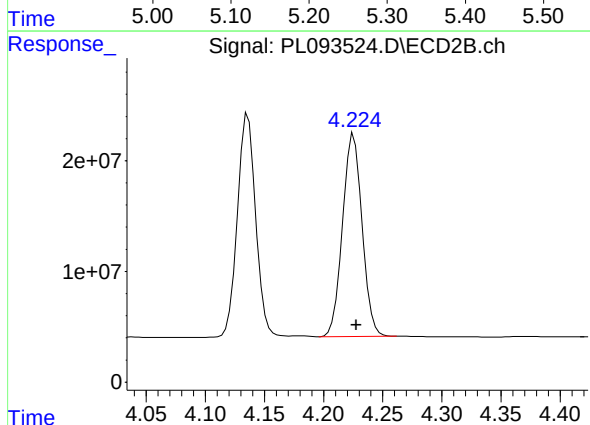
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: -0.002 min
Response: 146587274
Conc: 50.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-3MSD

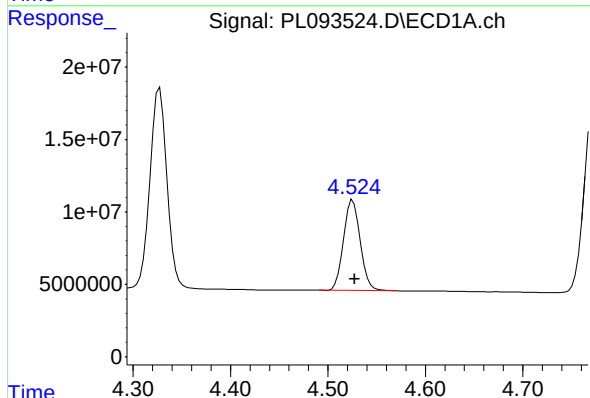
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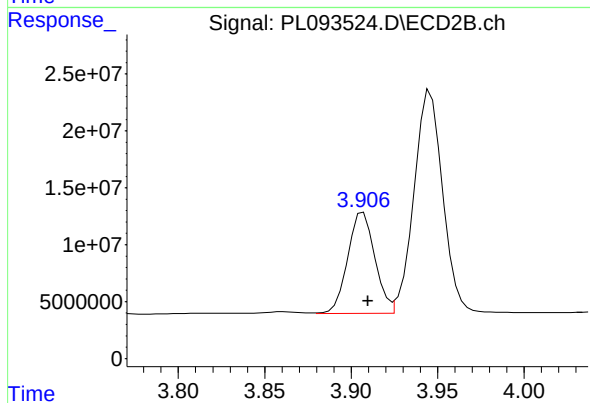
#5 Aldrin

R.T.: 4.226 min
Delta R.T.: -0.002 min
Response: 210403382
Conc: 51.29 ng/ml



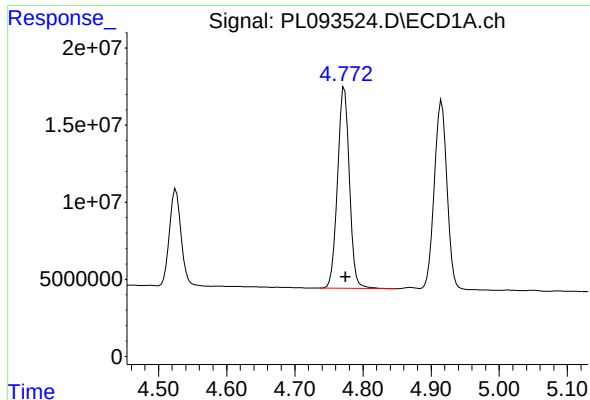
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: -0.002 min
Response: 74331879
Conc: 51.56 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: -0.003 min
Response: 96651816
Conc: 53.77 ng/ml



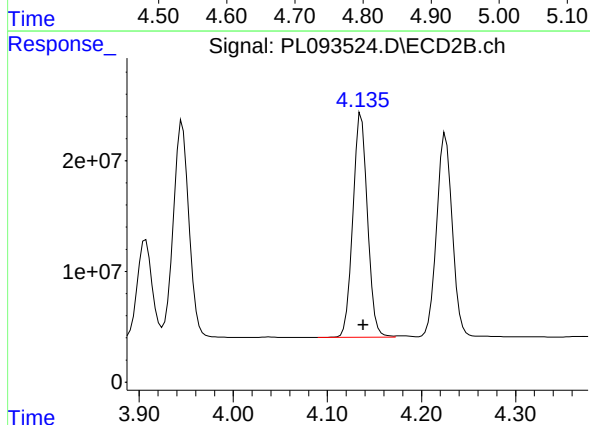
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: -0.002 min
Response: 157428081
Conc: 51.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-3MSD

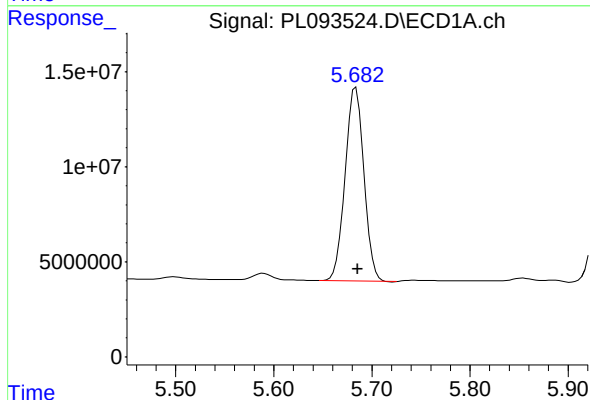
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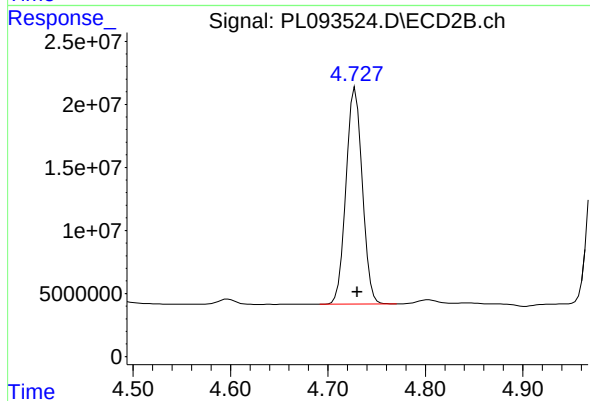
#7 delta-BHC

R.T.: 4.136 min
Delta R.T.: -0.002 min
Response: 218052149
Conc: 51.56 ng/ml



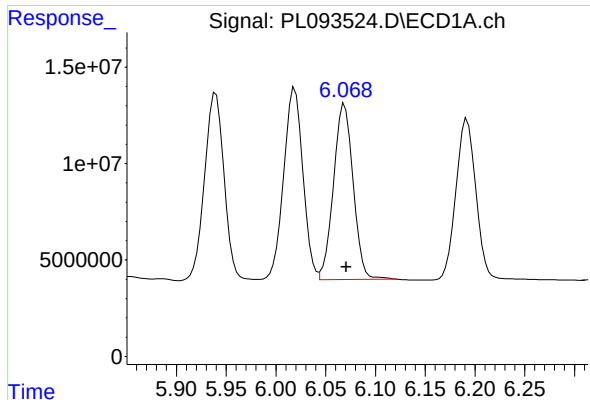
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: -0.002 min
Response: 135627327
Conc: 51.48 ng/ml



#8 Heptachlor epoxide

R.T.: 4.728 min
Delta R.T.: -0.002 min
Response: 198815934
Conc: 51.93 ng/ml



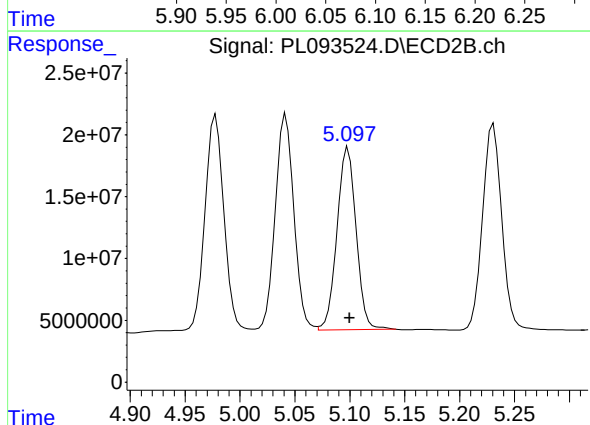
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: -0.002 min
Response: 125241924
Conc: 53.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-3MSD

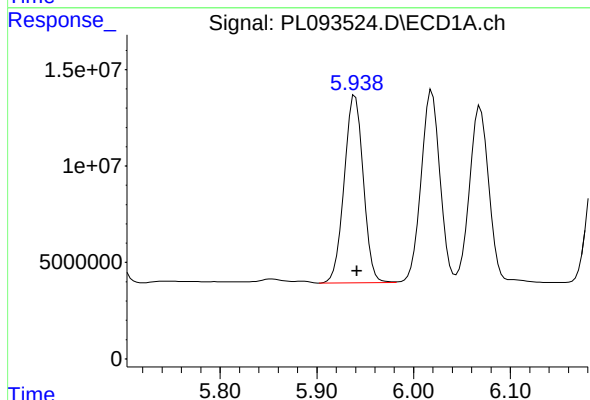
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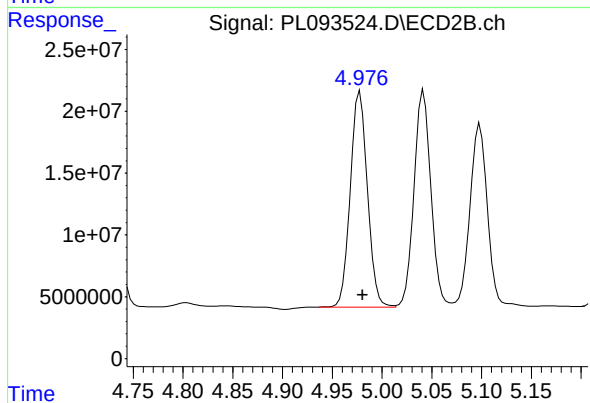
#9 Endosulfan I

R.T.: 5.098 min
Delta R.T.: -0.002 min
Response: 178125425
Conc: 50.98 ng/ml



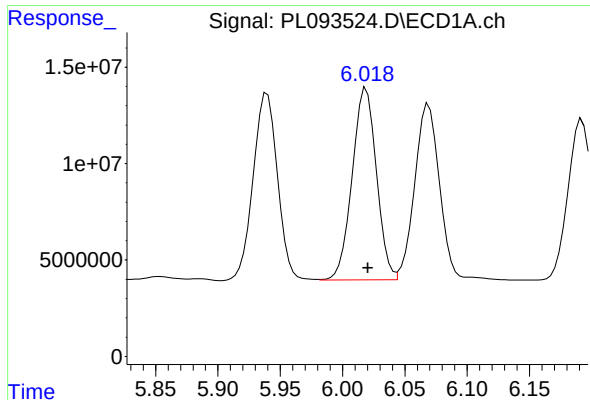
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: -0.002 min
Response: 132730124
Conc: 52.82 ng/ml



#10 gamma-Chlordane

R.T.: 4.976 min
Delta R.T.: -0.004 min
Response: 209661214
Conc: 54.41 ng/ml m



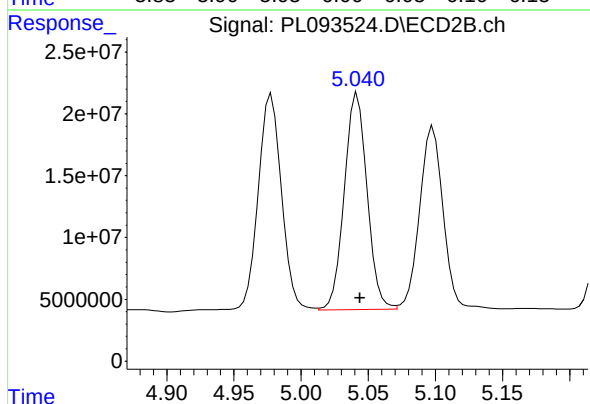
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: -0.001 min
Response: 134498277
Conc: 53.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-3MSD

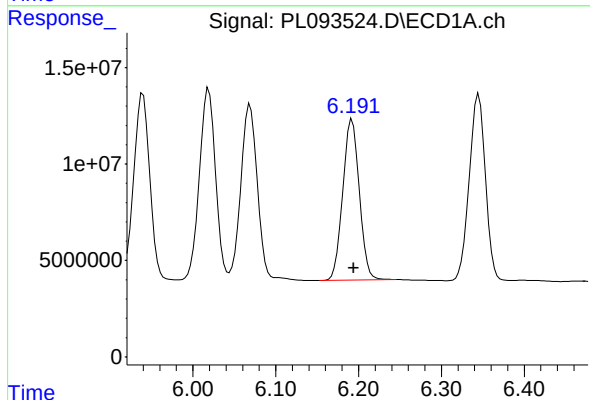
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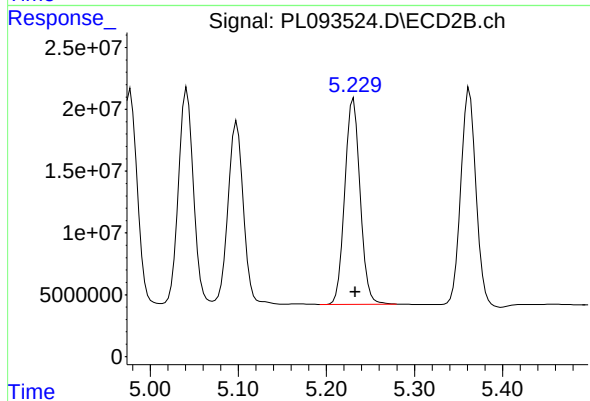
#11 alpha-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.002 min
Response: 207683240
Conc: 54.55 ng/ml



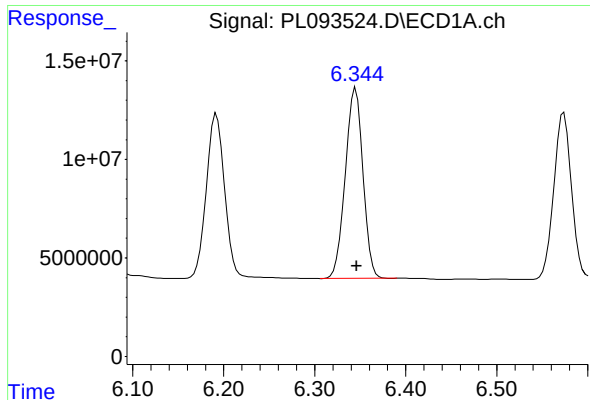
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: -0.002 min
Response: 115933319
Conc: 51.67 ng/ml



#12 4,4'-DDE

R.T.: 5.231 min
Delta R.T.: -0.002 min
Response: 201565478
Conc: 54.81 ng/ml



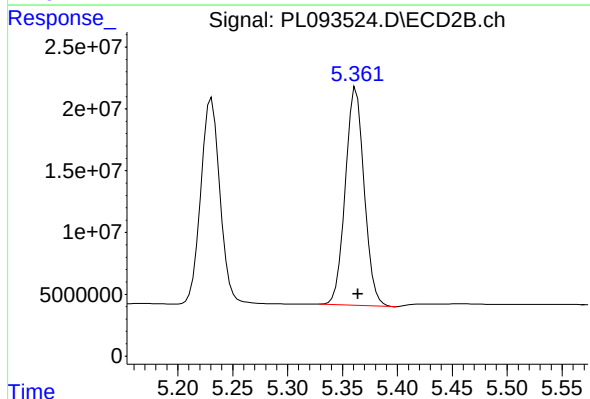
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: -0.001 min
Response: 130856663
Conc: 52.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-3MSD

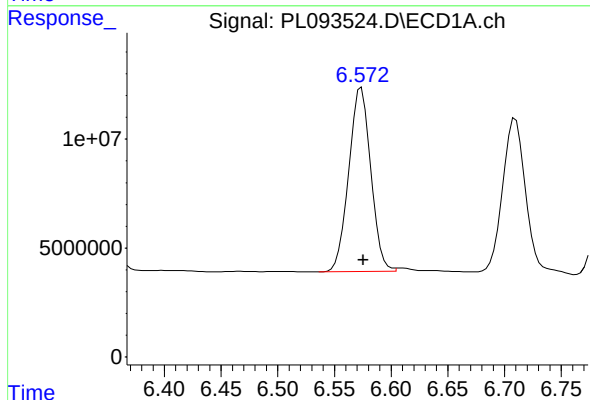
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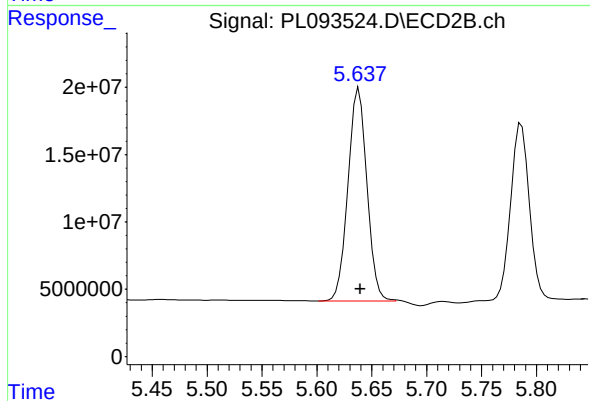
#13 Dieldrin

R.T.: 5.362 min
Delta R.T.: -0.002 min
Response: 210694944
Conc: 54.67 ng/ml



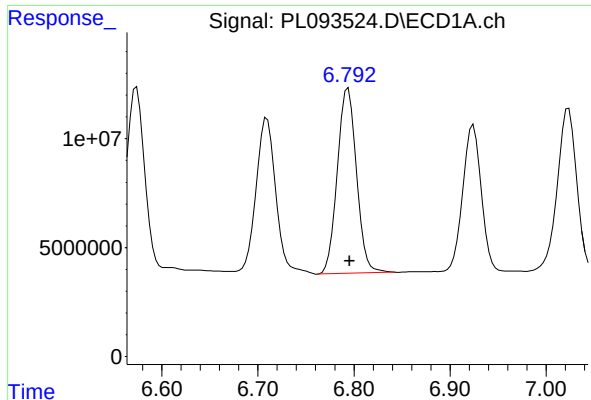
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.003 min
Response: 114403145
Conc: 53.15 ng/ml m



#14 Endrin

R.T.: 5.637 min
Delta R.T.: -0.003 min
Response: 190183778
Conc: 57.49 ng/ml m



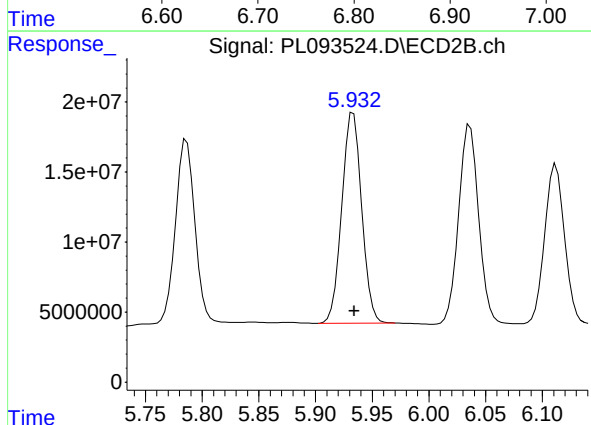
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: -0.002 min
Response: 116664113
Conc: 51.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-3MSD

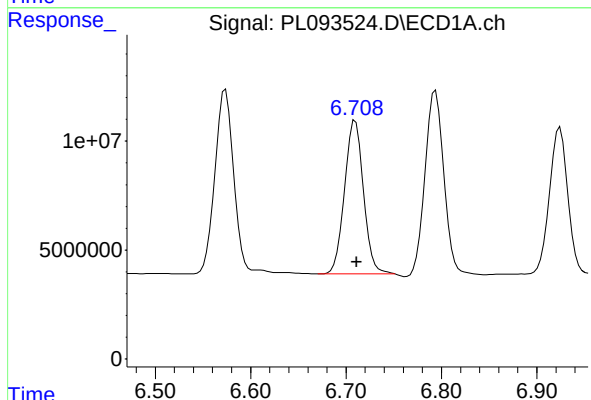
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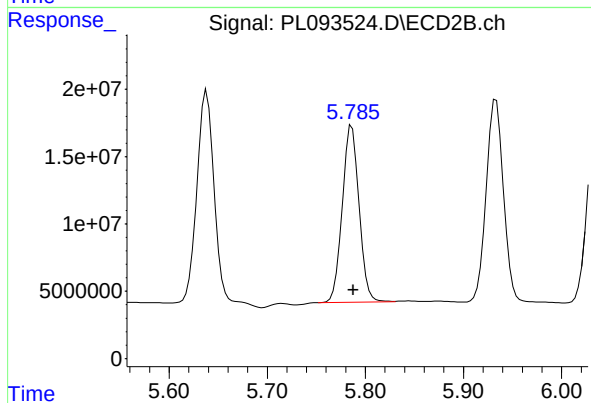
#15 Endosulfan II

R.T.: 5.933 min
Delta R.T.: 0.000 min
Response: 183258061
Conc: 56.41 ng/ml



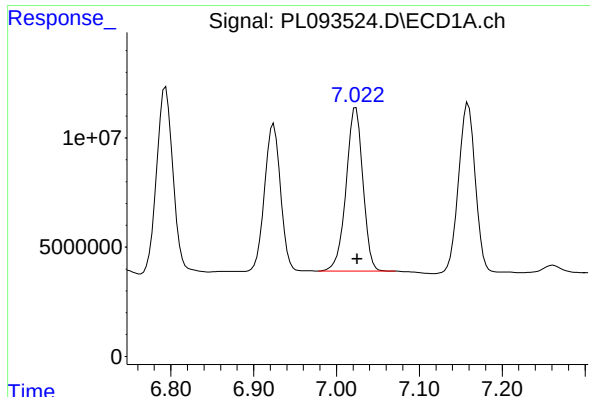
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: -0.003 min
Response: 97816936
Conc: 55.71 ng/ml m



#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: -0.002 min
Response: 156223744
Conc: 55.20 ng/ml



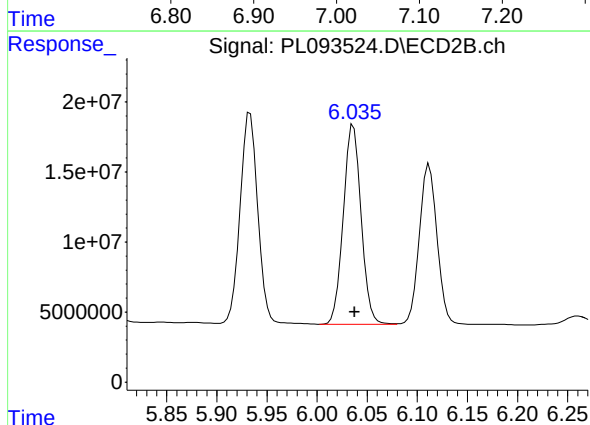
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: -0.002 min
Response: 105724093
Conc: 57.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-3MSD

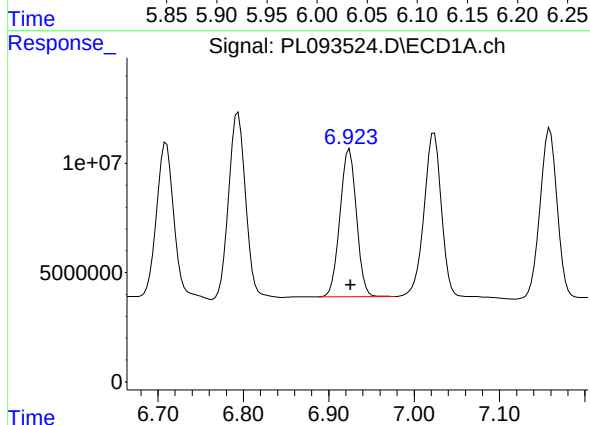
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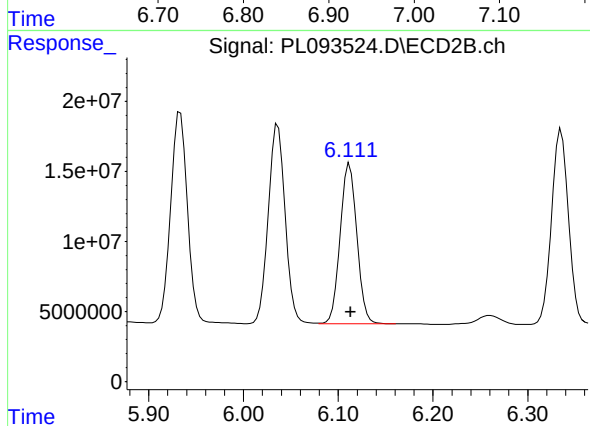
#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: -0.001 min
Response: 175635804
Conc: 58.15 ng/ml



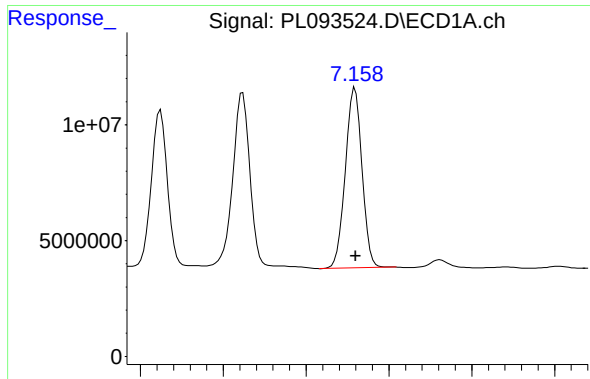
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: -0.002 min
Response: 90222224
Conc: 50.84 ng/ml



#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: -0.001 min
Response: 139593194
Conc: 51.83 ng/ml



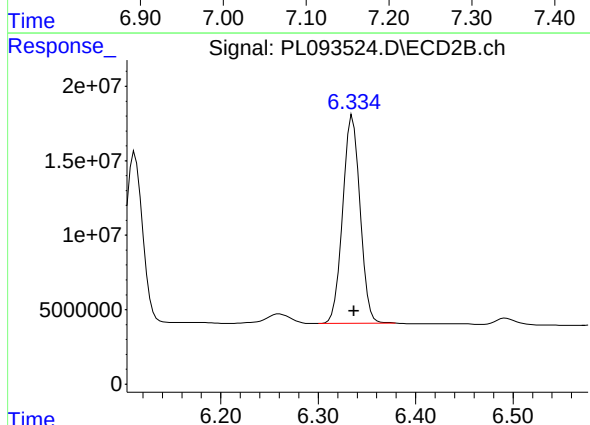
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.000 min
Response: 109014256
Conc: 53.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-3MSD

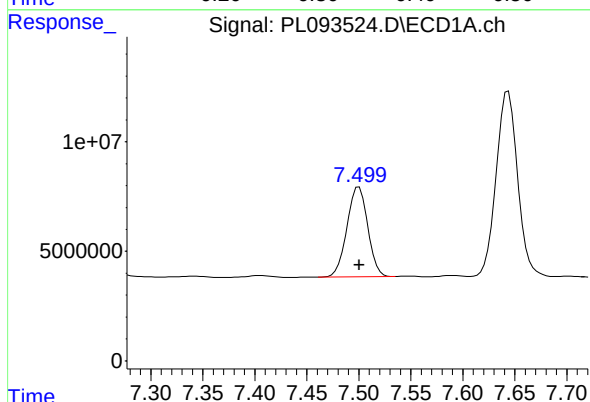
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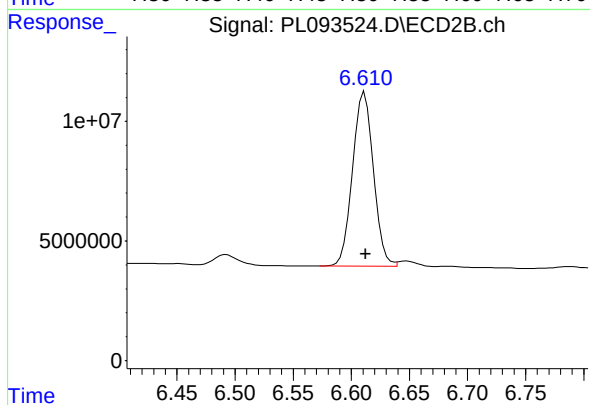
#19 Endosulfan Sulfate

R.T.: 6.335 min
Delta R.T.: -0.001 min
Response: 172566072
Conc: 54.71 ng/ml



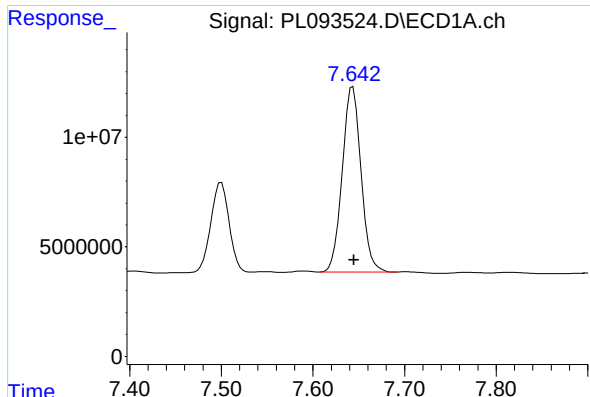
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 56946559
Conc: 56.96 ng/ml



#20 Methoxychlor

R.T.: 6.611 min
Delta R.T.: 0.000 min
Response: 90874046
Conc: 56.46 ng/ml



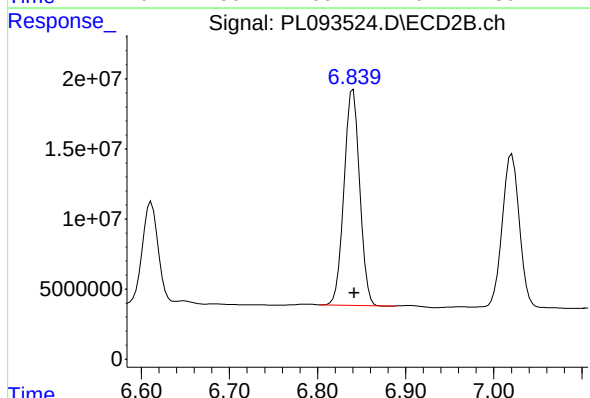
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: -0.001 min
Response: 120974709
Conc: 53.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-3MSD

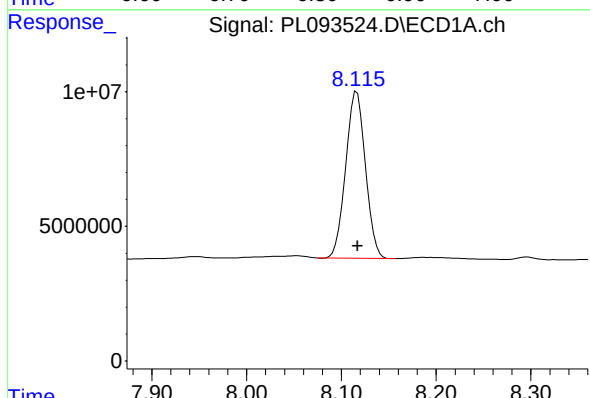
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Supervised By :Ankita Jodhani 12/27/2024



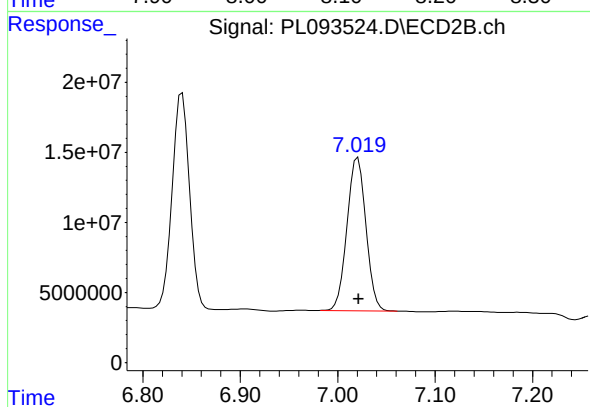
#21 Endrin ketone

R.T.: 6.840 min
Delta R.T.: -0.001 min
Response: 189983943
Conc: 52.19 ng/ml



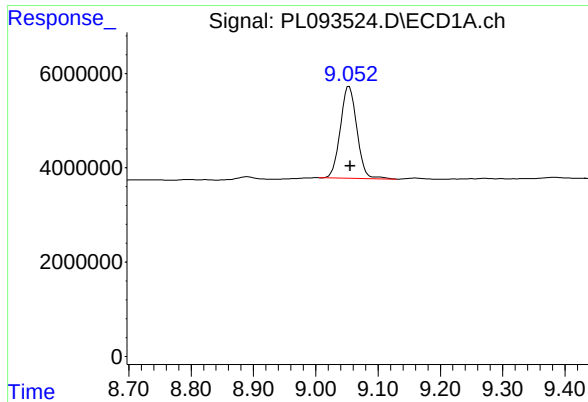
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 89839579
Conc: 48.08 ng/ml



#22 Mirex

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 147382842
Conc: 48.22 ng/ml



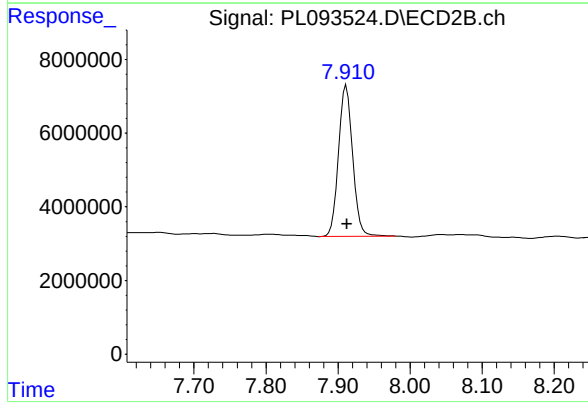
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: -0.002 min
Response: 35870368
Conc: 19.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-3MSD

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 12/27/2024



#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: -0.001 min
Response: 55585871
Conc: 18.62 ng/ml