

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012825\
 Data File : PL093832.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jan 2025 12:23
 Operator : AR\AJ
 Sample : Q1187-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SP-COMPMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/29/2025
 Supervised By :Ankita Jodhani 01/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 29 03:47:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 2025
 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...	3.536	2.774	49124059	57398133	18.243m	17.584
28) SA Decachlor...	9.057	7.911	41722493	64677326	19.945	18.458
Target Compounds						
2) A alpha-BHC	3.994	3.276	175.2E6	220.3E6	45.692	45.059
3) MA gamma-BHC...	4.326	3.606	164.8E6	209.8E6	44.737	44.244
4) MA Heptachlor	4.915	3.945	151.5E6	210.3E6	46.217	45.190
5) MB Aldrin	5.256	4.224	146.5E6	201.6E6	44.772	44.191
6) B beta-BHC	4.525	3.906	75209067	92476733	46.791	46.298
7) B delta-BHC	4.772	4.135	159.1E6	209.6E6	45.393	44.118
8) B Heptachlo...	5.683	4.727	134.2E6	193.0E6	45.111	46.177
9) A Endosulfan I	6.069	5.097	122.9E6	179.9E6	46.503	46.394
10) B gamma-Chl...	5.939	4.977	133.3E6	203.0E6	47.836	47.900
11) B alpha-Chl...	6.019	5.041	132.1E6	199.3E6	47.379	47.609
12) B 4,4'-DDE	6.192	5.230	119.3E6	196.8E6	49.000	49.090
13) MA Dieldrin	6.344	5.361	130.4E6	204.1E6	46.963	47.510
14) MA Endrin	6.574	5.637	110.0E6	175.7E6	46.893	47.578
15) B Endosulfa...	6.794	5.932	114.0E6	181.1E6	47.331	48.894
16) A 4,4'-DDD	6.710	5.785	101.2E6	164.5E6	53.272	52.119
17) MA 4,4'-DDT	7.025	6.035	99392102	162.4E6	50.400	49.909
18) B Endrin al...	6.924	6.111	80302321	119.4E6	41.307	39.209
19) B Endosulfa...	7.159	6.334	107.0E6	188.3E6	47.279	52.811
20) A Methoxychlor	7.501	6.611	52128265	84290332	49.960	47.139
21) B Endrin ke...	7.644	6.840	123.4E6	205.1E6	48.921	48.878
22) Mirex	8.117	7.019	94126939	156.1E6	45.199	46.157

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012825\
Data File : PL093832.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2025 12:23
Operator : AR\AJ
Sample : Q1187-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

SP-COMPMS

Manual Integrations

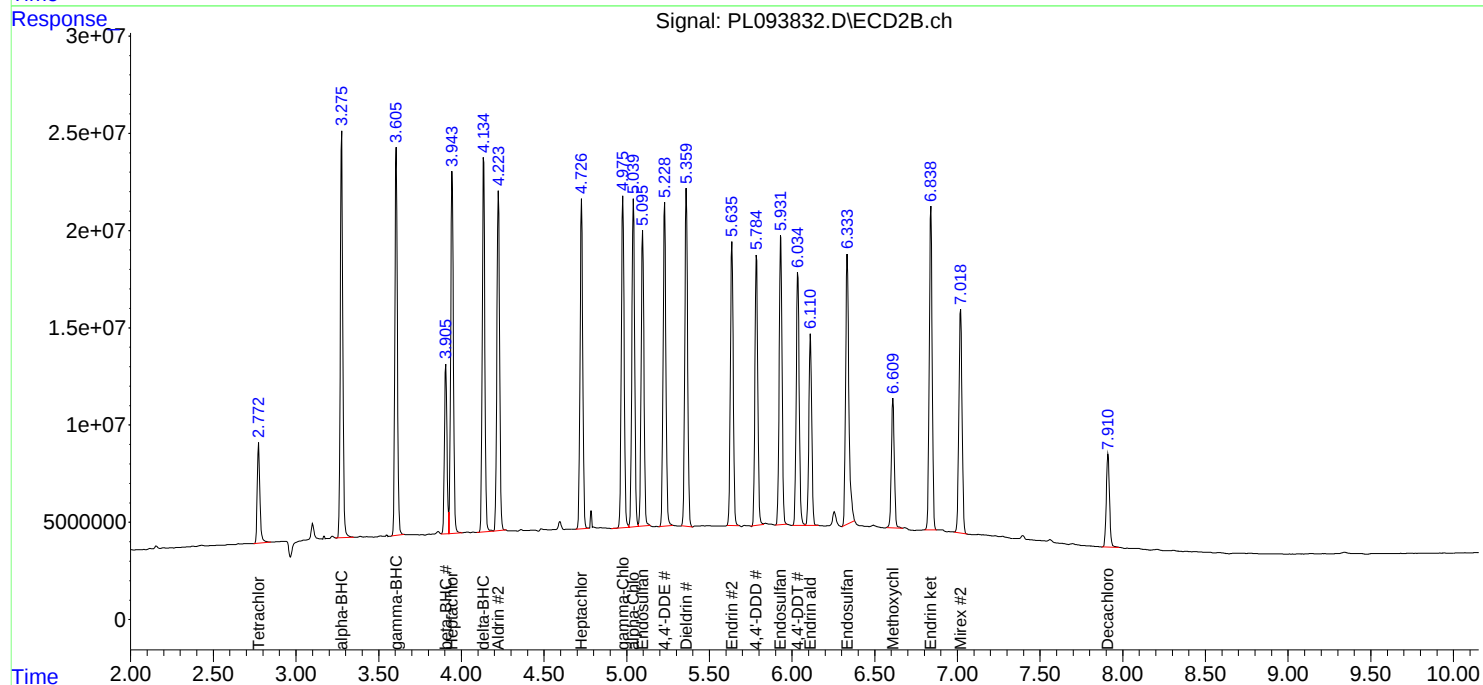
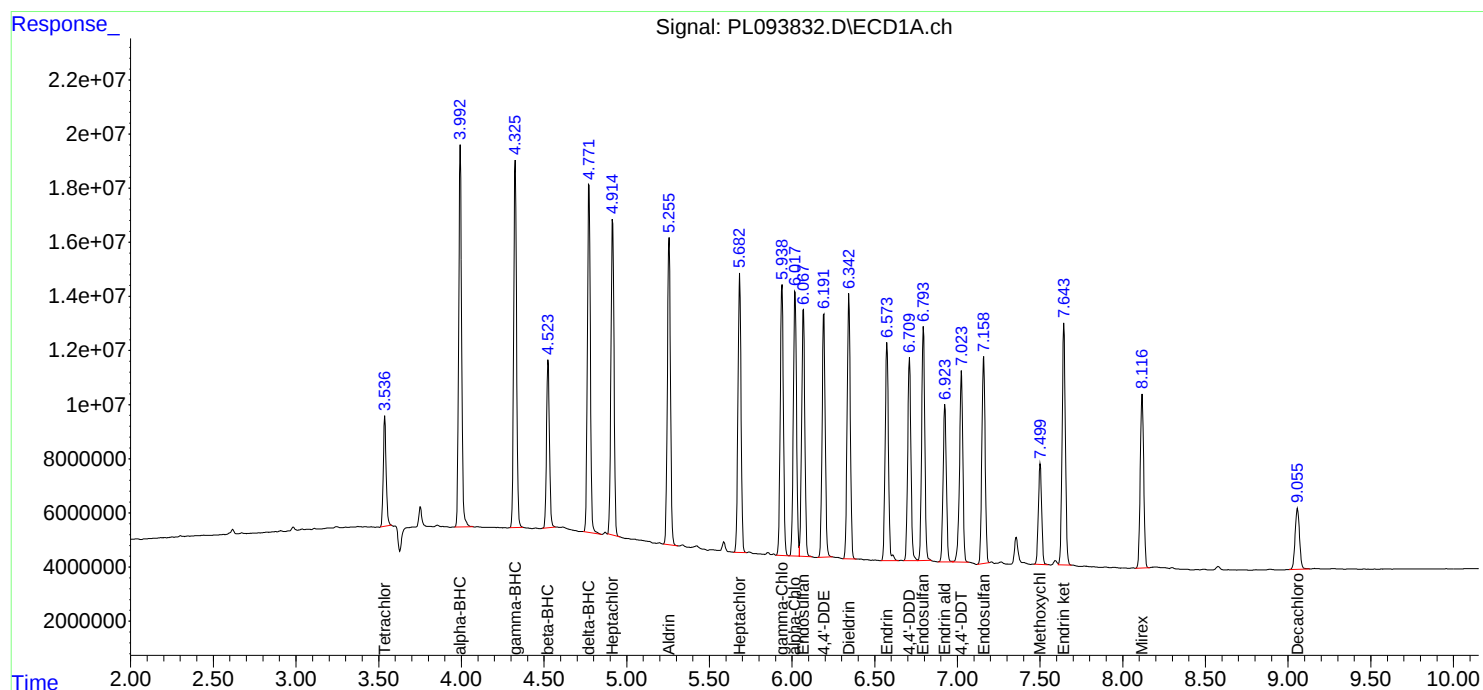
APPROVED

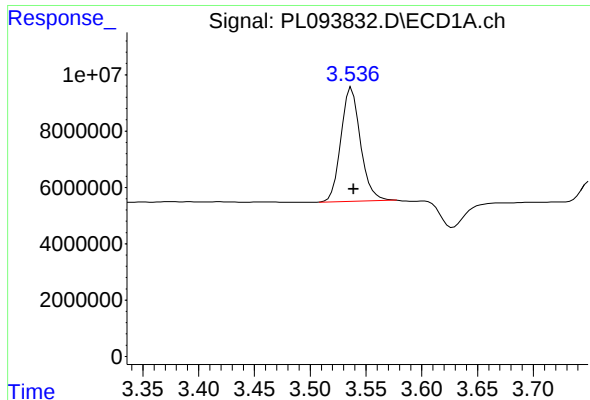
Reviewed By :Abdul Mirza 01/29/2025

Supervised By :Ankita Jodhani 01/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 03:47:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 2025
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





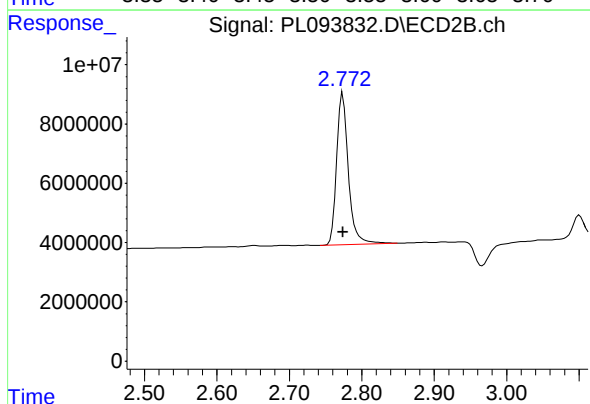
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.003 min
Response: 49124059
Conc: 18.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-COMPMS

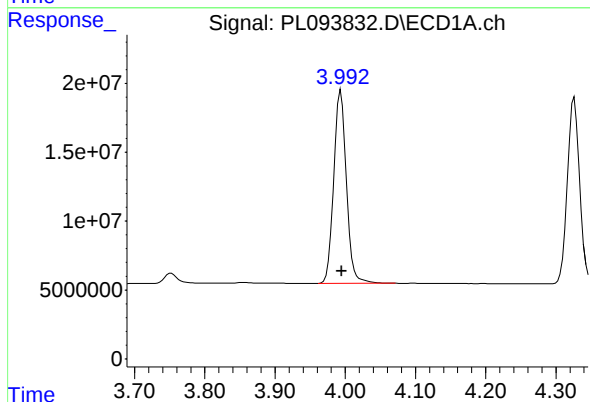
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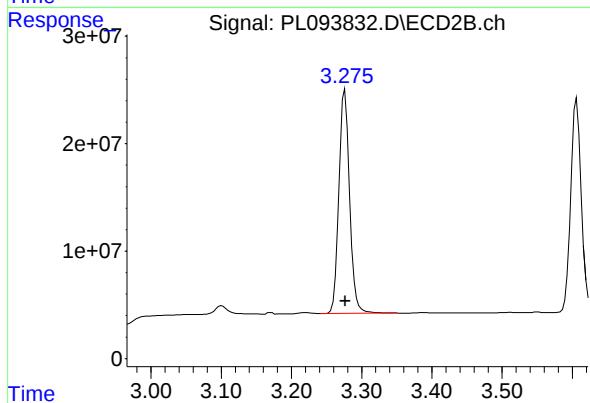
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 57398133
Conc: 17.58 ng/ml



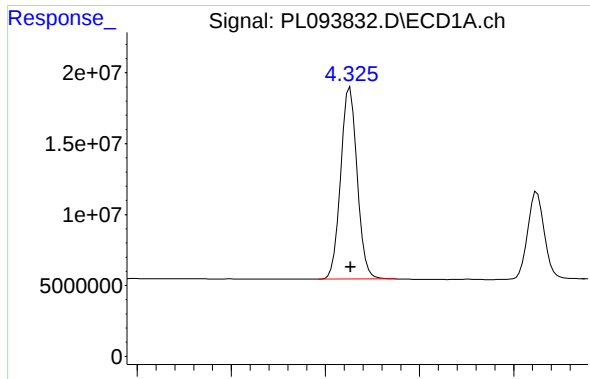
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 175177795
Conc: 45.69 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 220293280
Conc: 45.06 ng/ml



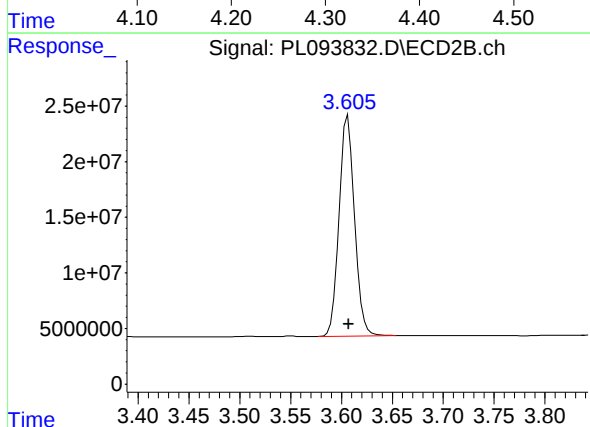
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 164761279
Conc: 44.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-COMPMS

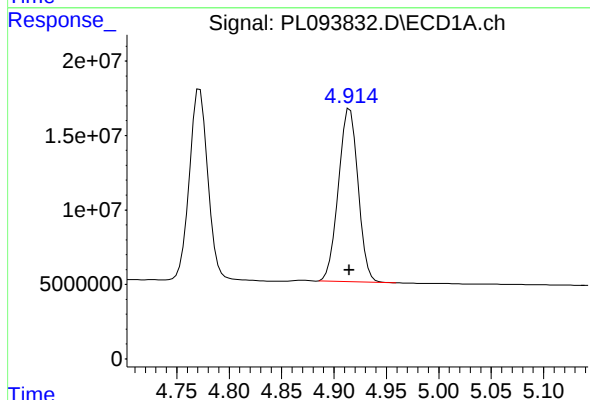
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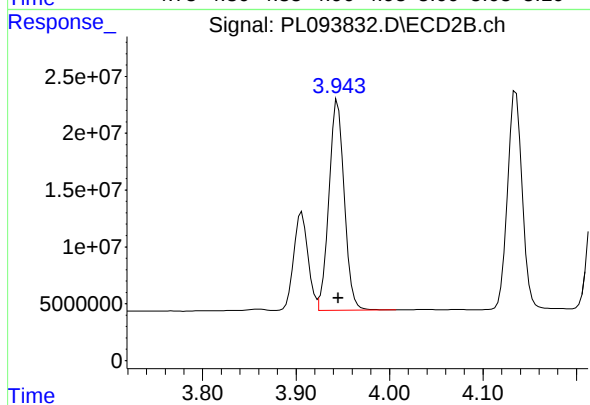
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 209769611
Conc: 44.24 ng/ml



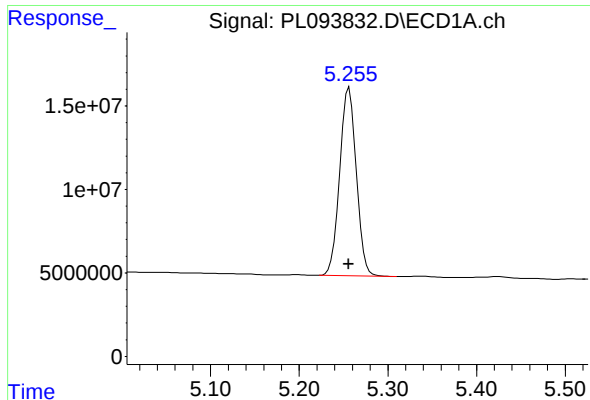
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 151469585
Conc: 46.22 ng/ml



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 210349820
Conc: 45.19 ng/ml



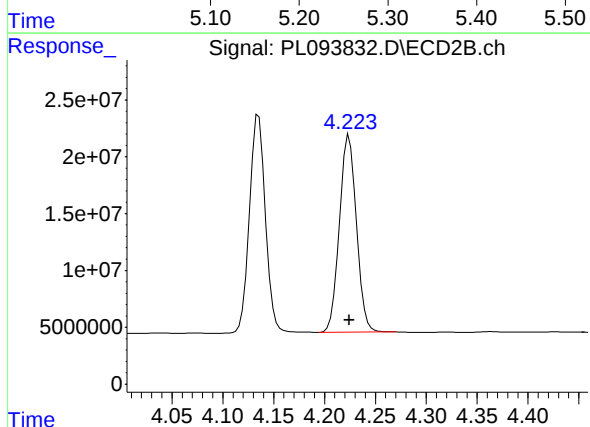
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 146492430
Conc: 44.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-COMPMS

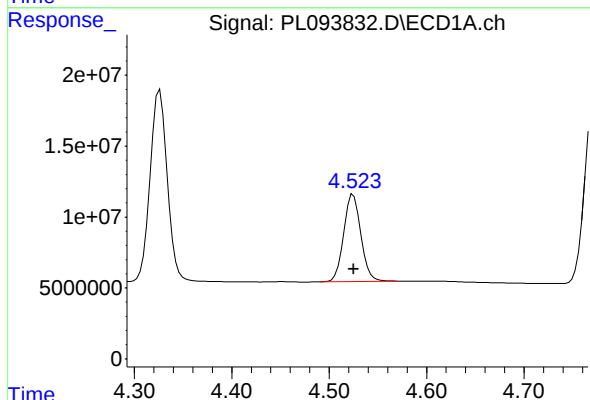
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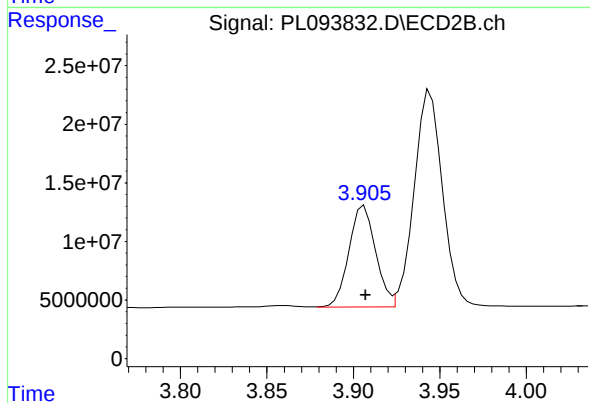
#5 Aldrin

R.T.: 4.224 min
Delta R.T.: 0.000 min
Response: 201589003
Conc: 44.19 ng/ml



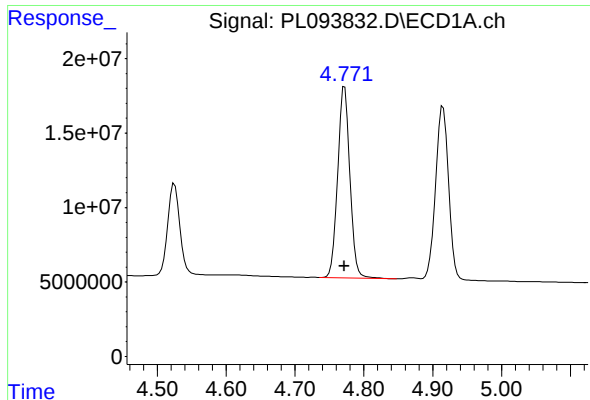
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 75209067
Conc: 46.79 ng/ml



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: 0.000 min
Response: 92476733
Conc: 46.30 ng/ml



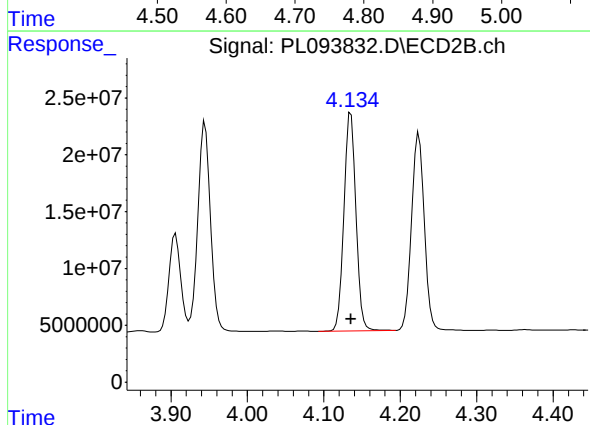
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 159114342
Conc: 45.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-COMPMS

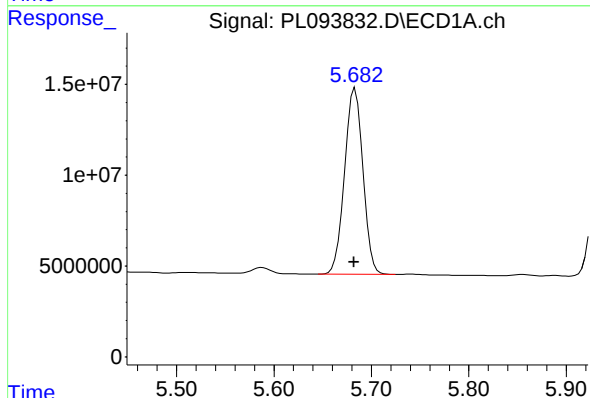
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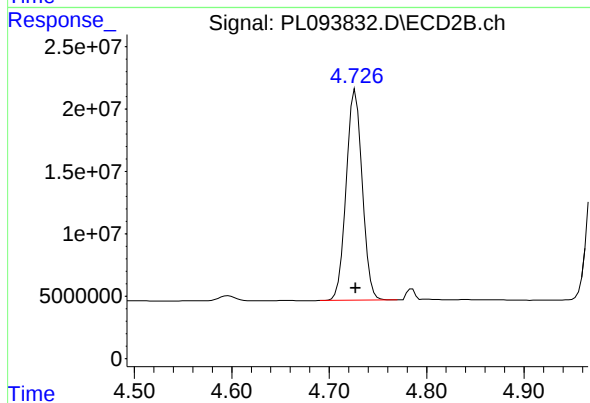
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: 0.000 min
Response: 209613733
Conc: 44.12 ng/ml



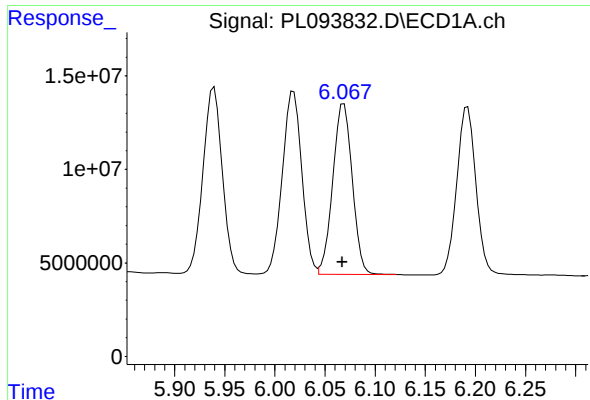
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.001 min
Response: 134153460
Conc: 45.11 ng/ml



#8 Heptachlor epoxide

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 193031851
Conc: 46.18 ng/ml



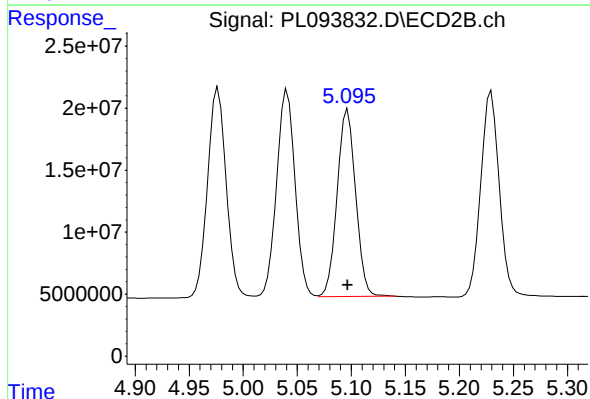
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.002 min
Response: 122900260
Conc: 46.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-COMPMS

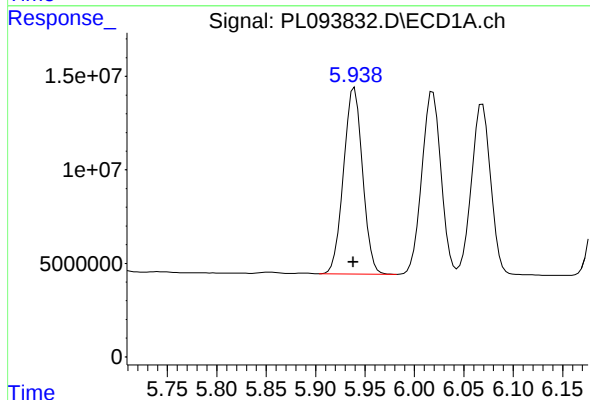
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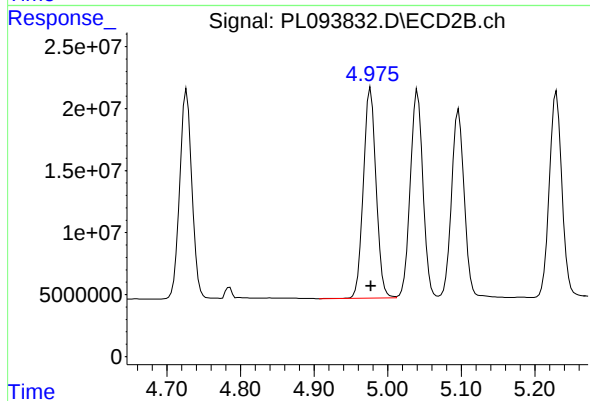
#9 Endosulfan I

R.T.: 5.097 min
Delta R.T.: 0.000 min
Response: 179866791
Conc: 46.39 ng/ml



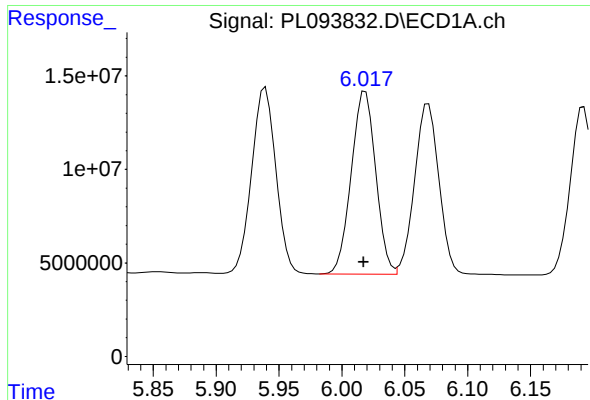
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.001 min
Response: 133337536
Conc: 47.84 ng/ml



#10 gamma-Chlordane

R.T.: 4.977 min
Delta R.T.: 0.000 min
Response: 202980857
Conc: 47.90 ng/ml



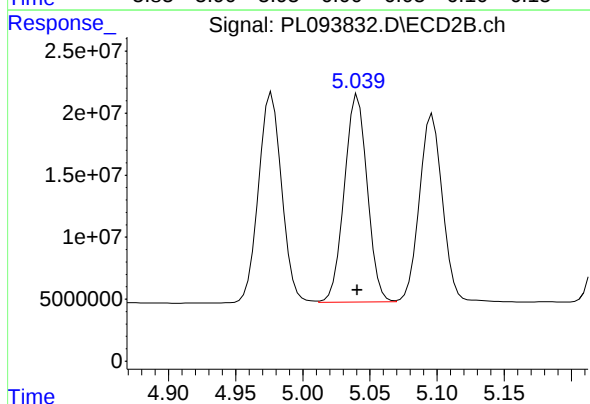
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.001 min
Response: 132111412
Conc: 47.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-COMPMS

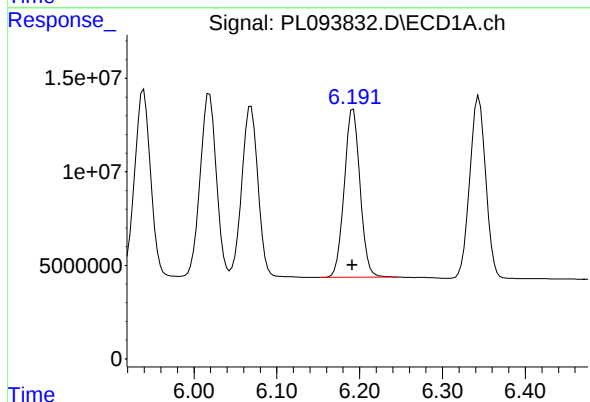
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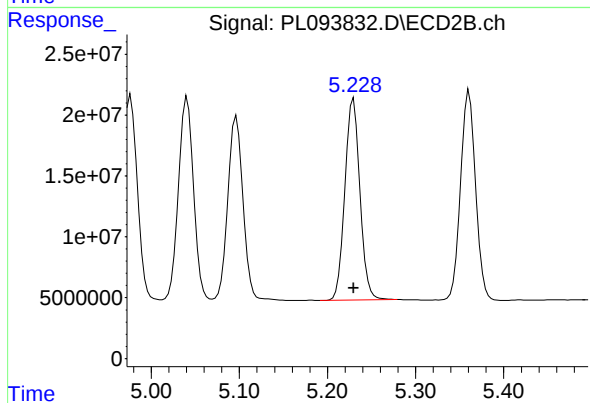
#11 alpha-Chlordane

R.T.: 5.041 min
Delta R.T.: 0.000 min
Response: 199318642
Conc: 47.61 ng/ml



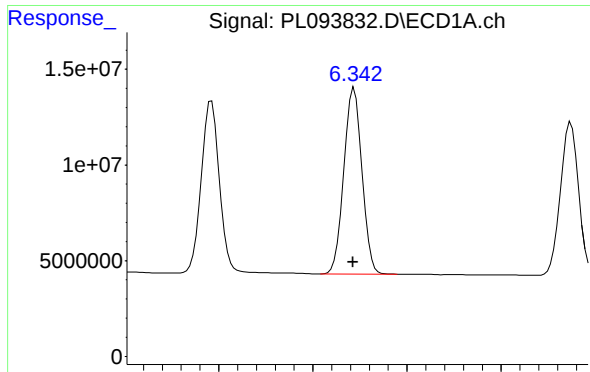
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.001 min
Response: 119295789
Conc: 49.00 ng/ml



#12 4,4'-DDE

R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 196824558
Conc: 49.09 ng/ml



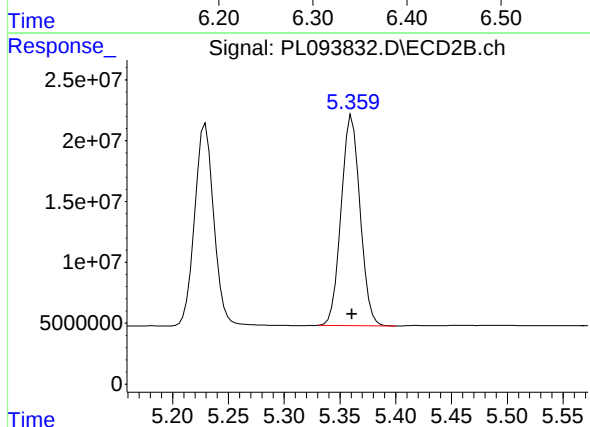
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.001 min
Response: 130362336
Conc: 46.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-COMPMS

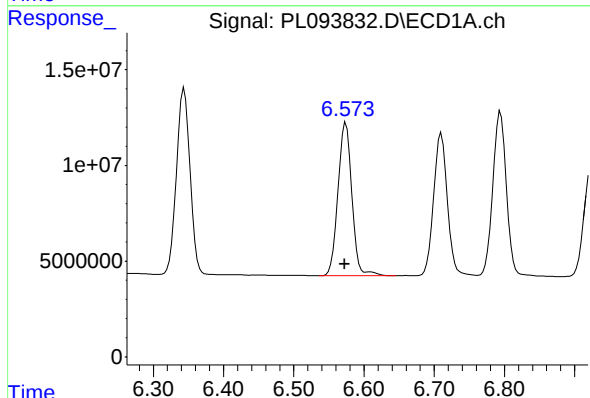
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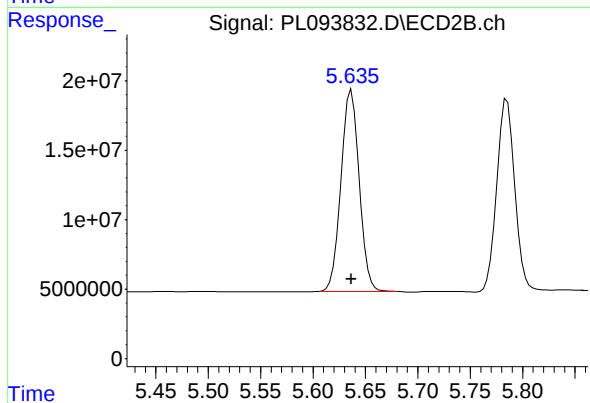
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 204087803
Conc: 47.51 ng/ml



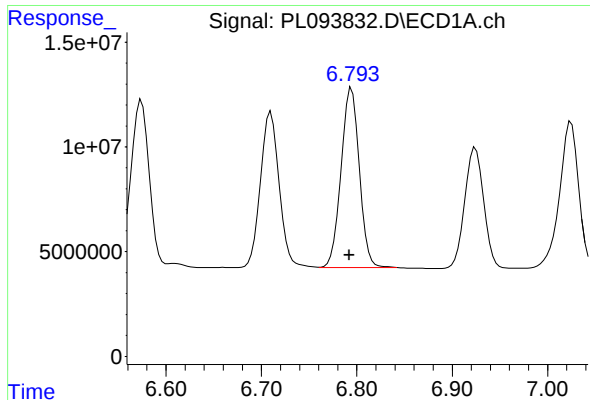
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.002 min
Response: 109955688
Conc: 46.89 ng/ml



#14 Endrin

R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 175689526
Conc: 47.58 ng/ml



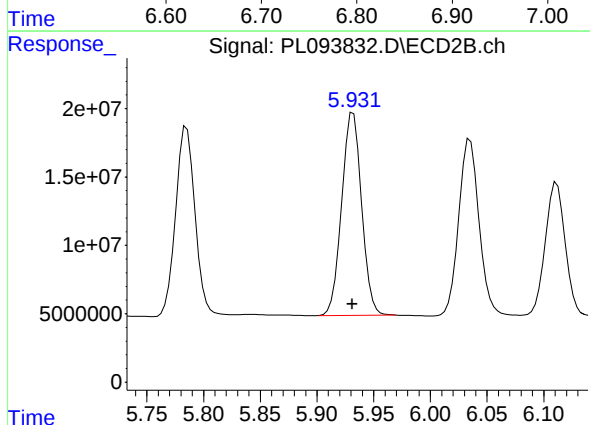
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.002 min
Response: 114037832
Conc: 47.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-COMPMS

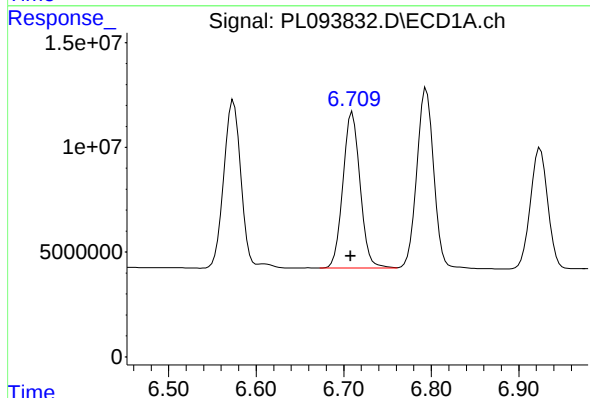
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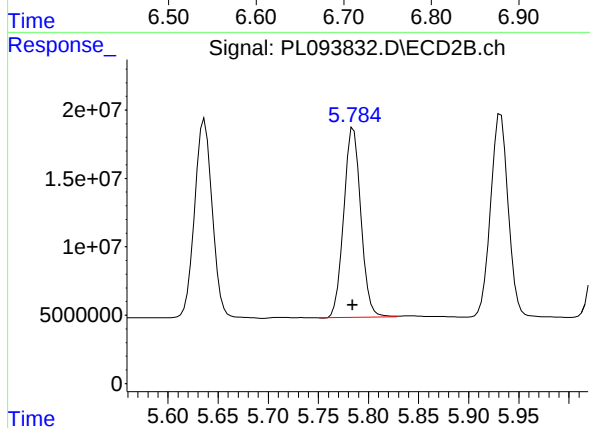
#15 Endosulfan II

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 181093638
Conc: 48.89 ng/ml



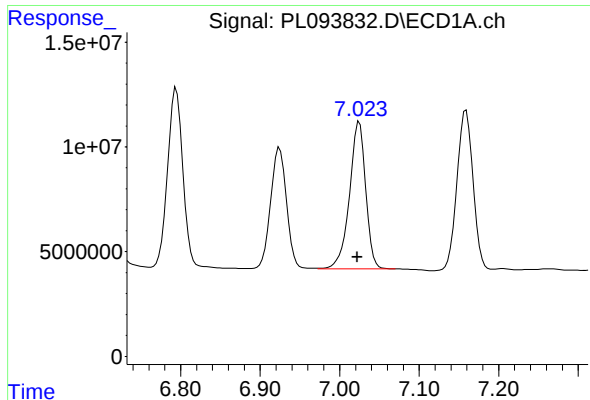
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.002 min
Response: 101246390
Conc: 53.27 ng/ml



#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 164514090
Conc: 52.12 ng/ml



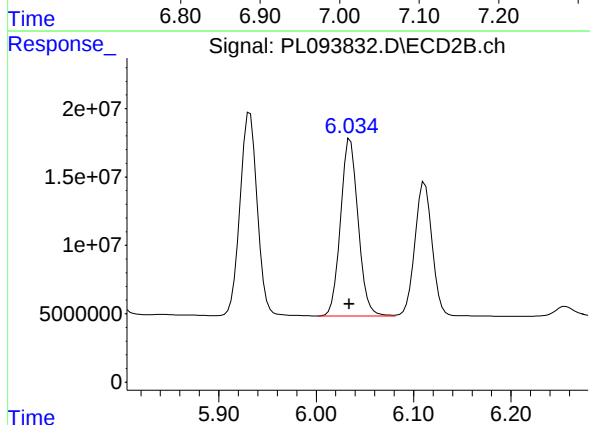
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.002 min
Response: 99392102
Conc: 50.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-COMPMS

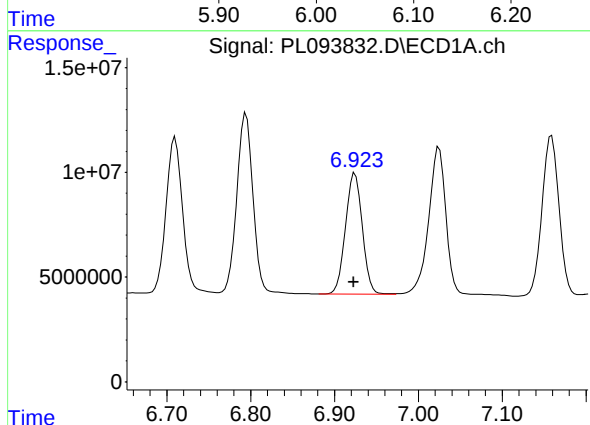
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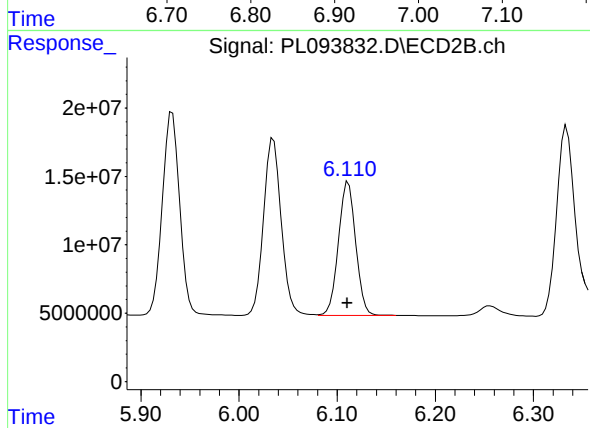
#17 4,4'-DDT

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 162407313
Conc: 49.91 ng/ml



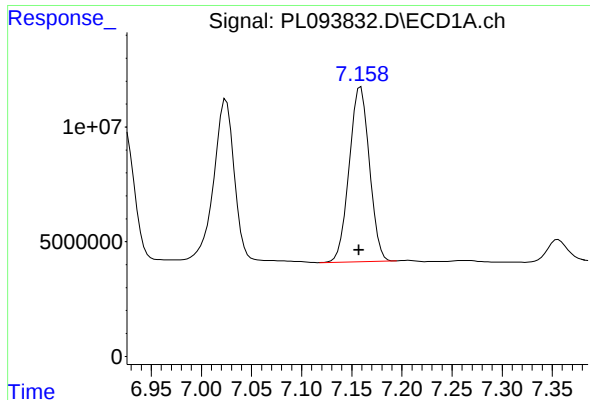
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.002 min
Response: 80302321
Conc: 41.31 ng/ml



#18 Endrin aldehyde

R.T.: 6.111 min
Delta R.T.: 0.001 min
Response: 119376238
Conc: 39.21 ng/ml



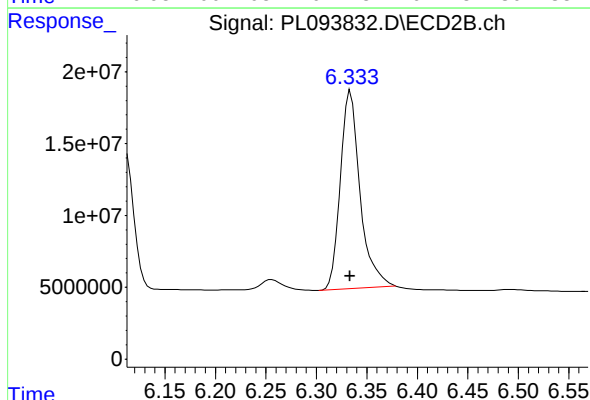
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.002 min
Response: 107028182
Conc: 47.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-COMPMS

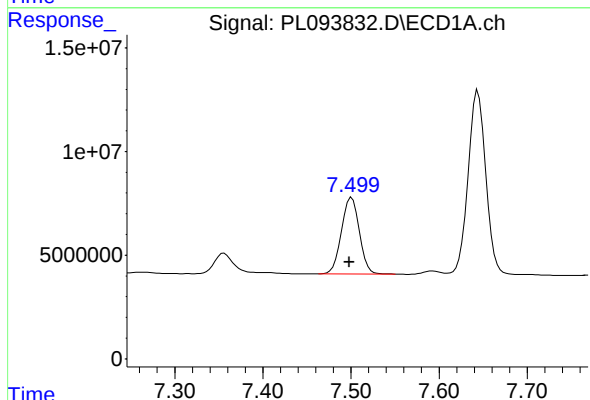
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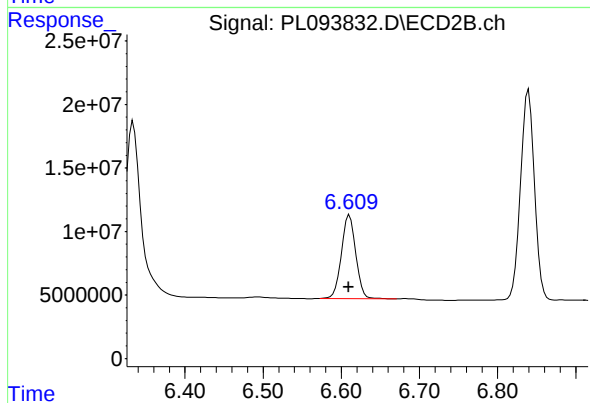
#19 Endosulfan Sulfate

R.T.: 6.334 min
Delta R.T.: 0.000 min
Response: 188329818
Conc: 52.81 ng/ml



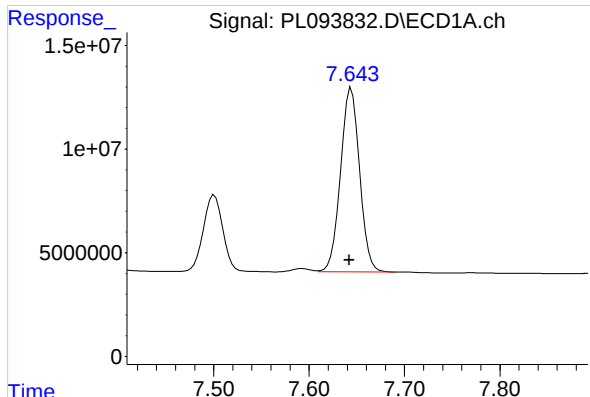
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.003 min
Response: 52128265
Conc: 49.96 ng/ml



#20 Methoxychlor

R.T.: 6.611 min
Delta R.T.: 0.001 min
Response: 84290332
Conc: 47.14 ng/ml



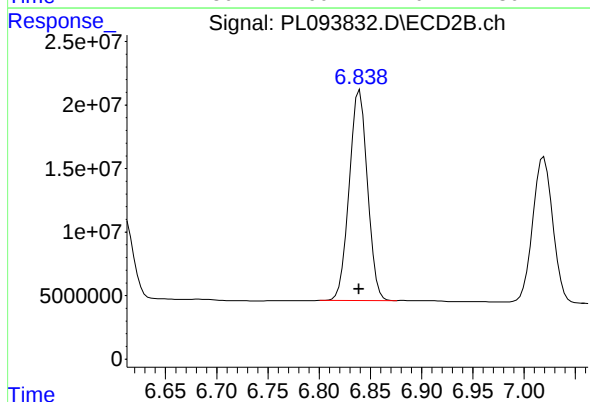
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.002 min
Response: 123410225
Conc: 48.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-COMPMS

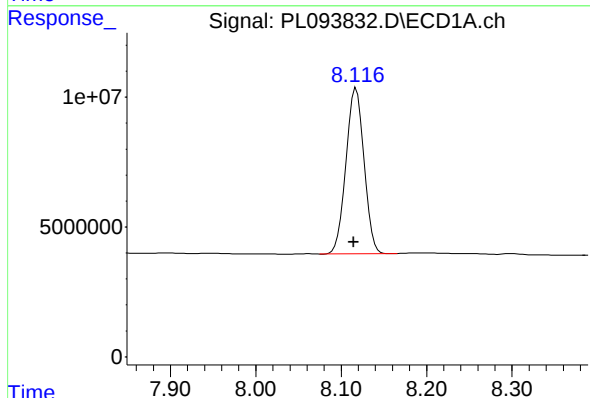
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/29/2025
Supervised By :Ankita Jodhani 01/29/2025



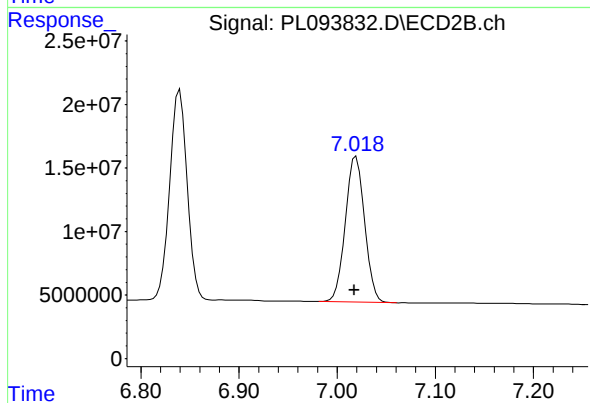
#21 Endrin ketone

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 205054359
Conc: 48.88 ng/ml



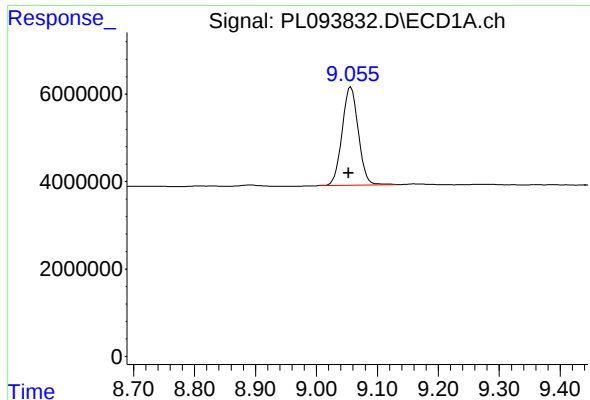
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.003 min
Response: 94126939
Conc: 45.20 ng/ml



#22 Mirex

R.T.: 7.019 min
Delta R.T.: 0.002 min
Response: 156096669
Conc: 46.16 ng/ml



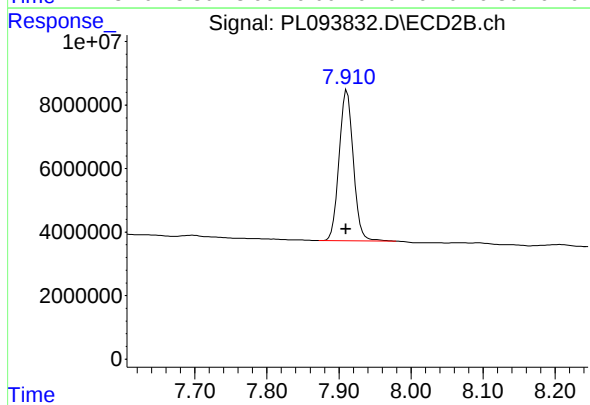
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: 0.004 min
Response: 41722493
Conc: 19.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-COMPMS

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#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: 0.001 min
Response: 64677326
Conc: 18.46 ng/ml