

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111424\
 Data File : PL093061.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Nov 2024 13:32
 Operator : AR\AJ
 Sample : P4833-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MH-731MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/15/2024
 Supervised By :Ankita Jodhani 11/15/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 00:42:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 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...	3.536	2.776	47484401	51567320	19.380m	18.950
28) SA Decachlor...	9.053	7.914	35305591	48560374	18.345	17.793
Target Compounds						
2) A alpha-BHC	3.994	3.279	165.8E6	212.9E6	48.883	53.363
3) MA gamma-BHC...	4.327	3.609	158.5E6	201.1E6	48.611	52.112
4) MA Heptachlor	4.915	3.948	150.8E6	208.3E6	50.202	55.201
5) MB Aldrin	5.257	4.227	142.1E6	198.5E6	47.346	54.236
6) B beta-BHC	4.524	3.908	73580990	89782791	50.905	54.538
7) B delta-BHC	4.772	4.137	126.6E6	169.9E6	40.446	44.201
8) B Heptachlo...	5.684	4.730	132.9E6	179.8E6	48.123	53.817
9) A Endosulfan I	6.068	5.100	120.6E6	170.9E6	48.215	55.976
10) B gamma-Chl...	5.939	4.980	128.1E6	195.1E6	48.146	58.042
11) B alpha-Chl...	6.018	5.043	129.6E6	187.2E6	48.944	56.291
12) B 4,4'-DDE	6.191	5.232	118.3E6	185.0E6	49.923	57.428
13) MA Dieldrin	6.343	5.364	126.8E6	184.1E6	48.131	55.124
14) MA Endrin	6.573	5.639	102.7E6	158.5E6	45.111	54.788
15) B Endosulfa...	6.793	5.934	115.5E6	157.7E6	48.434	55.648
16) A 4,4'-DDD	6.709	5.787	101.6E6	142.6E6	52.947	57.282
17) MA 4,4'-DDT	7.023	6.037	100.4E6	139.5E6	48.527	52.016
18) B Endrin al...	6.922	6.113	88357857	119.6E6	47.050m	51.826
19) B Endosulfa...	7.158	6.336	99626857	140.4E6	45.904	52.067
20) A Methoxychlor	7.499	6.612	53152192	74252034	46.625	51.996
21) B Endrin ke...	7.643	6.842	117.1E6	162.6E6	48.340	52.980
22) Mirex	8.116	7.021	85195268	124.0E6	42.991	47.508

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111424\
Data File : PL093061.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Nov 2024 13:32
Operator : AR\AJ
Sample : P4833-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

MH-731MS

Manual Integrations

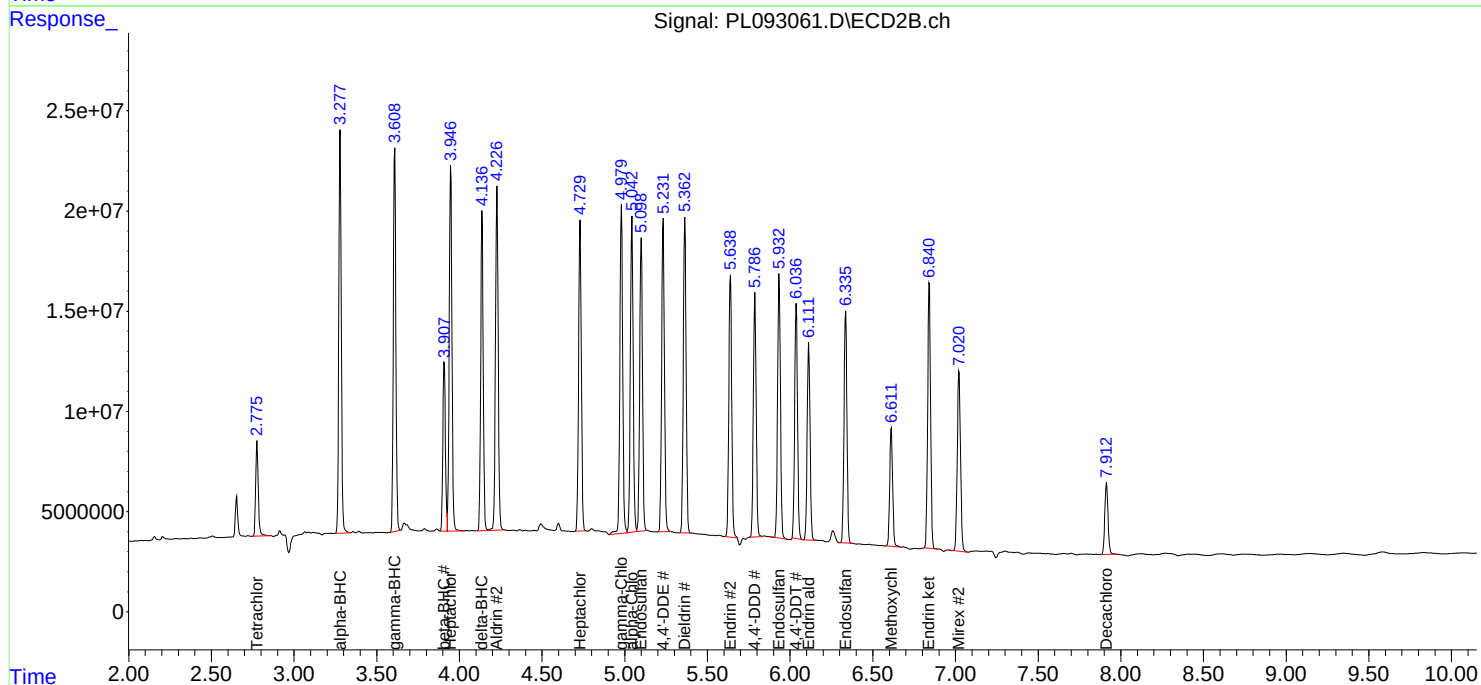
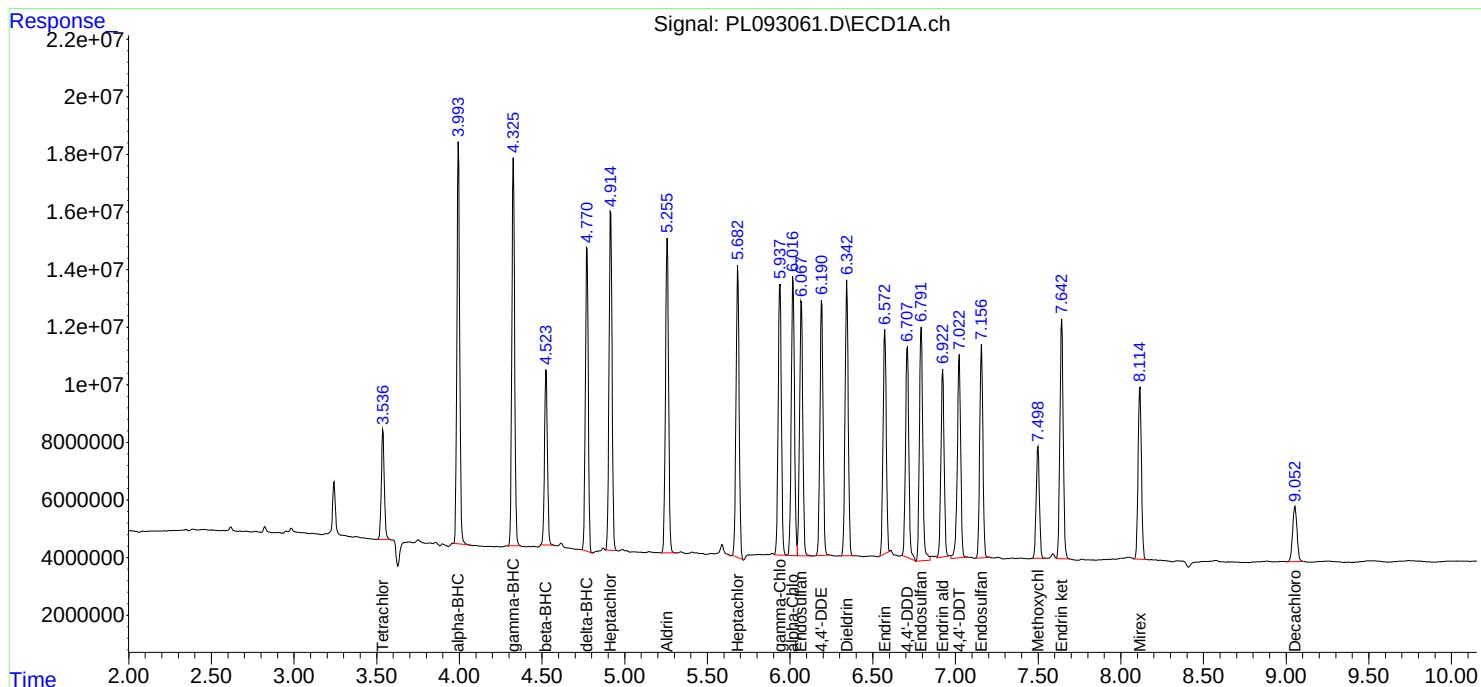
APPROVED

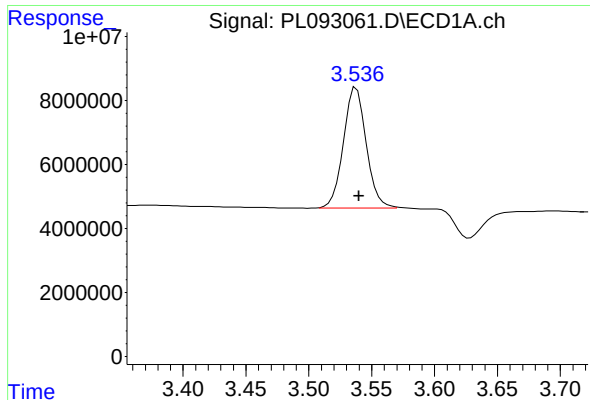
Reviewed By :Yogesh Patel 11/15/2024

Supervised By :Ankita Jodhani 11/15/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 15 00:42:18 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 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





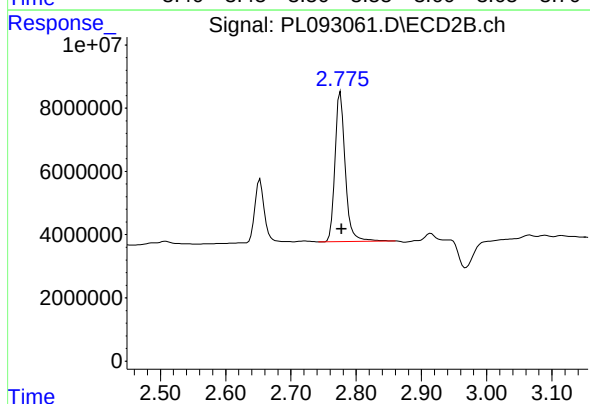
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.004 min
Response: 47484401
Conc: 19.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-731MS

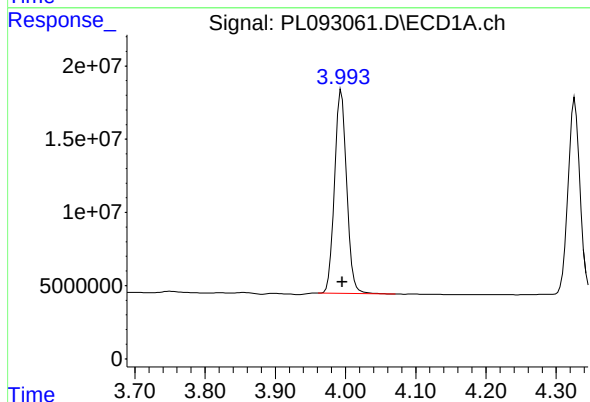
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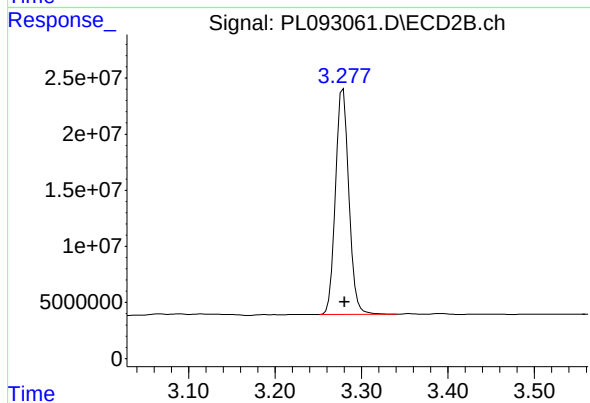
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.002 min
Response: 51567320
Conc: 18.95 ng/ml



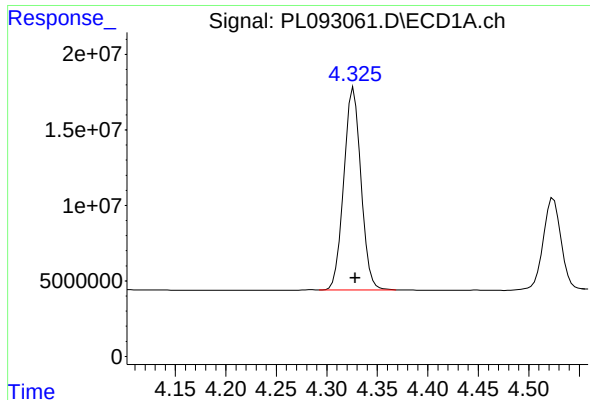
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: -0.002 min
Response: 165788913
Conc: 48.88 ng/ml



#2 alpha-BHC

R.T.: 3.279 min
Delta R.T.: -0.002 min
Response: 212928407
Conc: 53.36 ng/ml



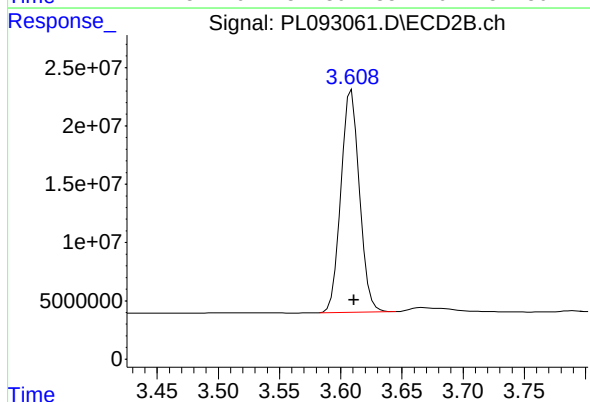
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: -0.002 min
Response: 158452058
Conc: 48.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-731MS

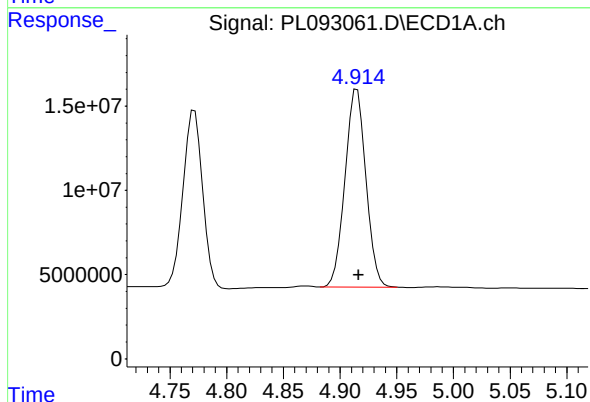
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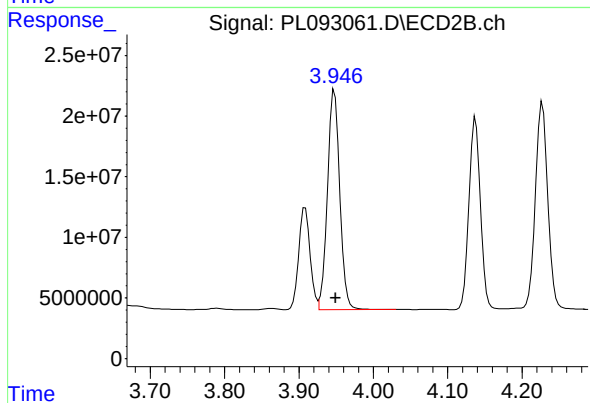
#3 gamma-BHC (Lindane)

R.T.: 3.609 min
Delta R.T.: -0.002 min
Response: 201123668
Conc: 52.11 ng/ml



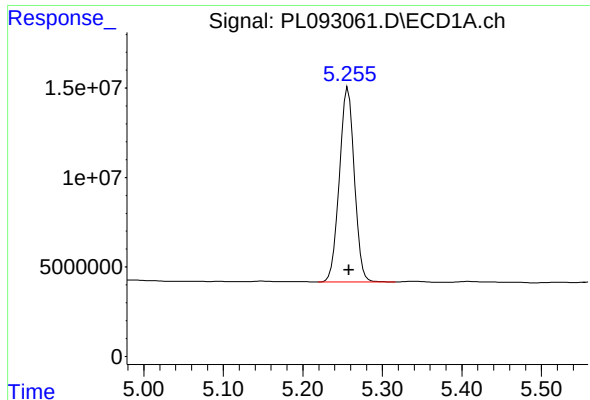
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: -0.002 min
Response: 150761880
Conc: 50.20 ng/ml



#4 Heptachlor

R.T.: 3.948 min
Delta R.T.: -0.002 min
Response: 208323710
Conc: 55.20 ng/ml



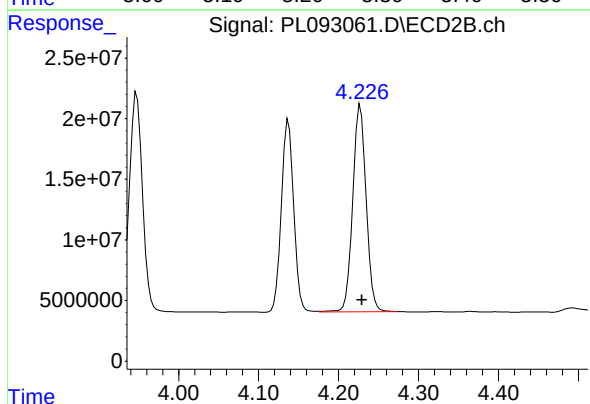
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: -0.001 min
Response: 142107669
Conc: 47.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-731MS

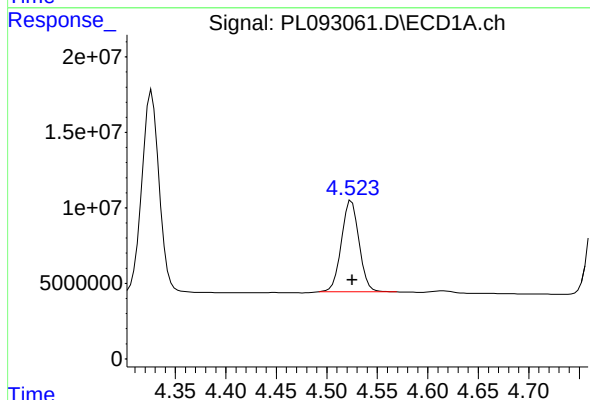
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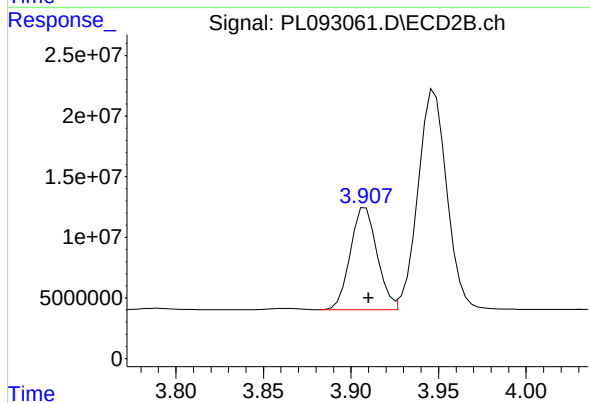
#5 Aldrin

R.T.: 4.227 min
Delta R.T.: -0.002 min
Response: 198514176
Conc: 54.24 ng/ml



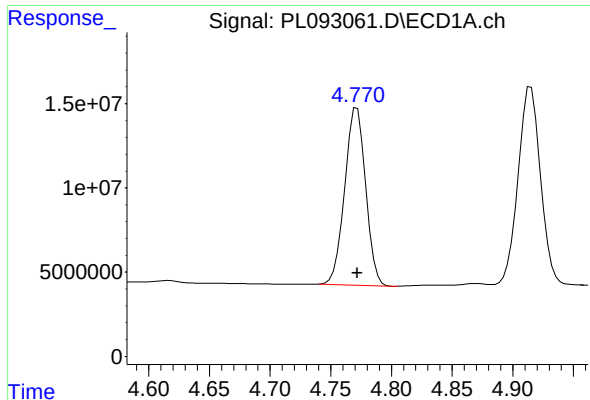
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 73580990
Conc: 50.90 ng/ml



#6 beta-BHC

R.T.: 3.908 min
Delta R.T.: -0.002 min
Response: 89782791
Conc: 54.54 ng/ml



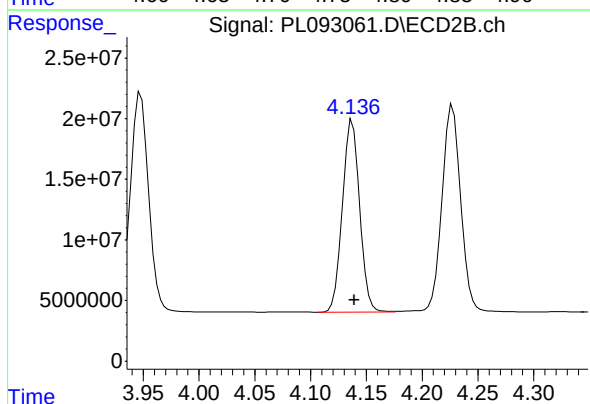
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 126592254
Conc: 40.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-731MS

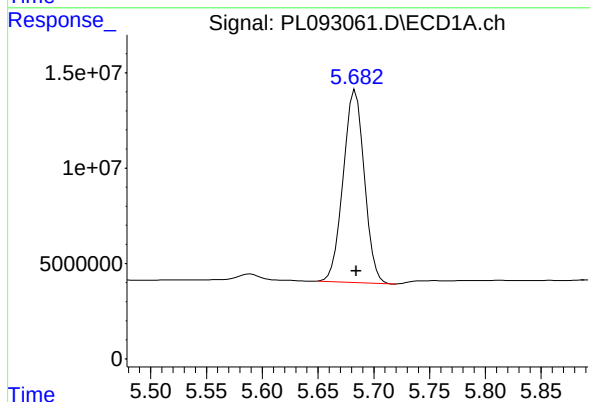
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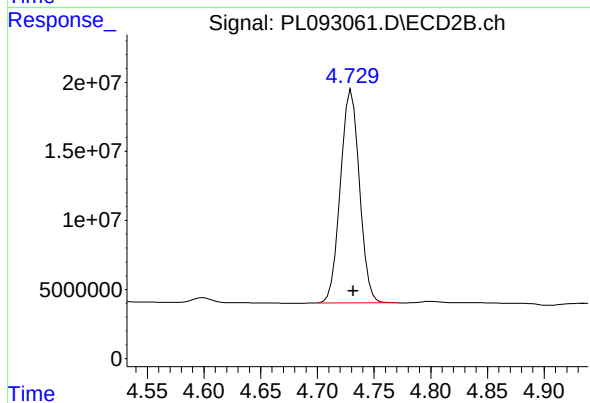
#7 delta-BHC

R.T.: 4.137 min
Delta R.T.: -0.002 min
Response: 169871292
Conc: 44.20 ng/ml



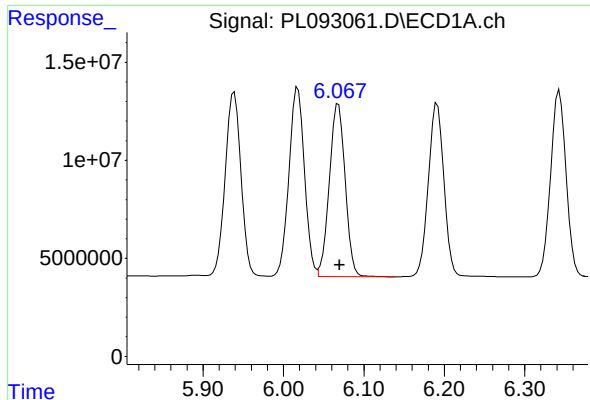
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 132887365
Conc: 48.12 ng/ml



#8 Heptachlor epoxide

R.T.: 4.730 min
Delta R.T.: -0.002 min
Response: 179825743
Conc: 53.82 ng/ml



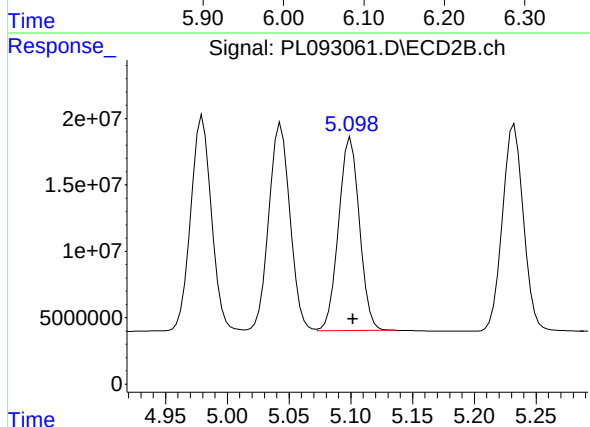
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: -0.001 min
Response: 120603305
Conc: 48.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-731MS

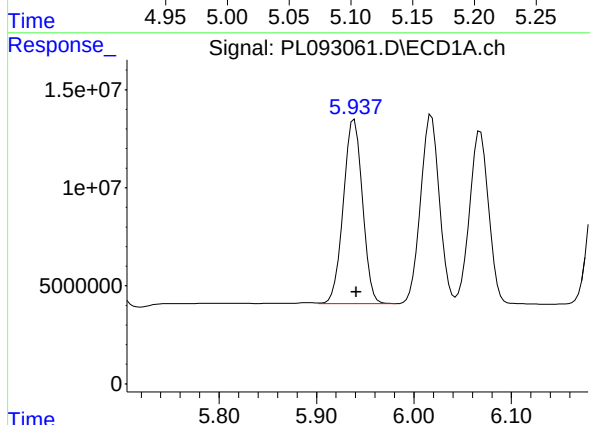
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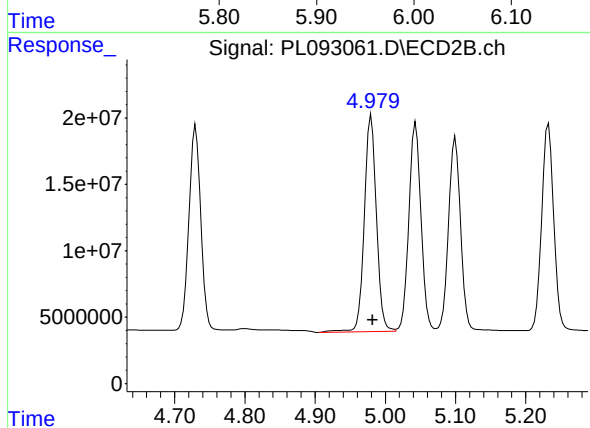
#9 Endosulfan I

R.T.: 5.100 min
Delta R.T.: -0.002 min
Response: 170901663
Conc: 55.98 ng/ml



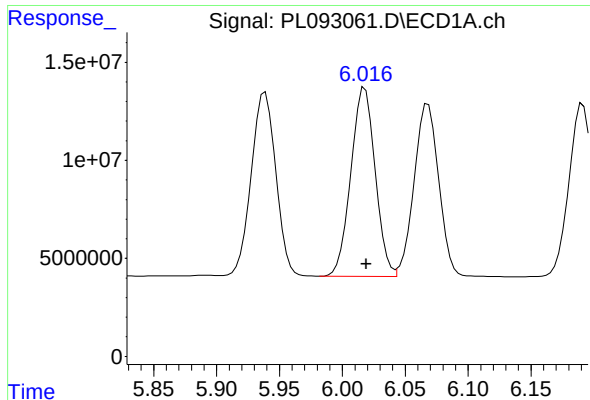
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.002 min
Response: 128099559
Conc: 48.15 ng/ml



#10 gamma-Chlordane

R.T.: 4.980 min
Delta R.T.: -0.002 min
Response: 195119071
Conc: 58.04 ng/ml



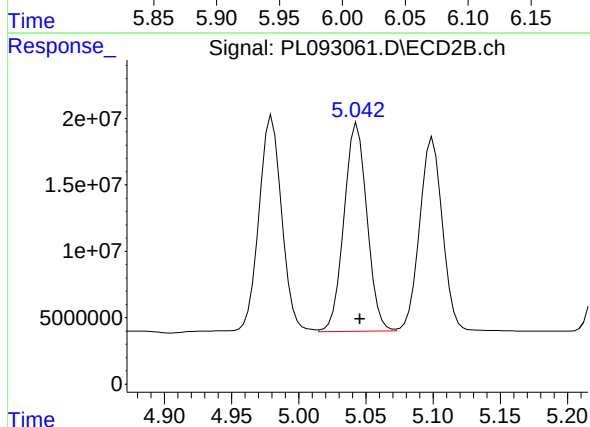
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: -0.001 min
Response: 129610678
Conc: 48.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-731MS

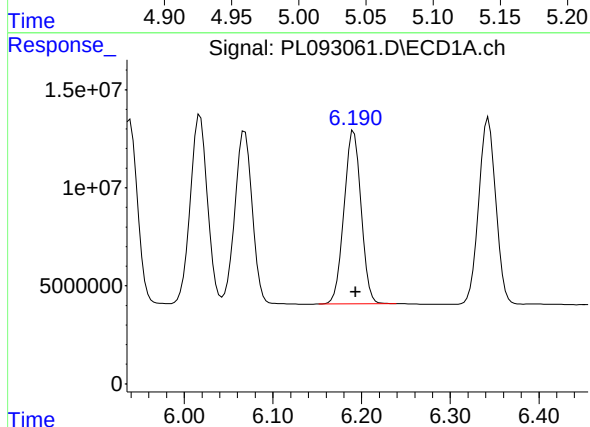
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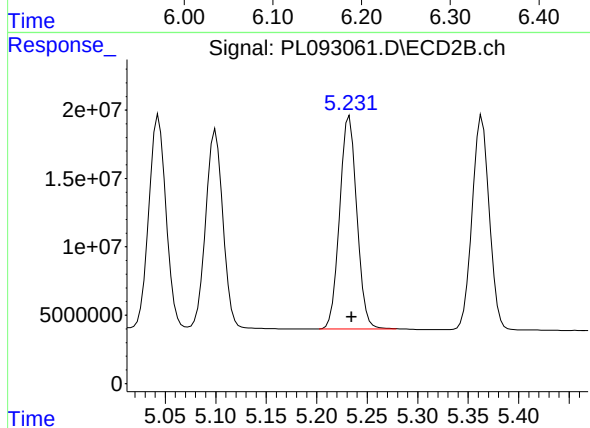
#11 alpha-Chlordane

R.T.: 5.043 min
Delta R.T.: -0.002 min
Response: 187225477
Conc: 56.29 ng/ml



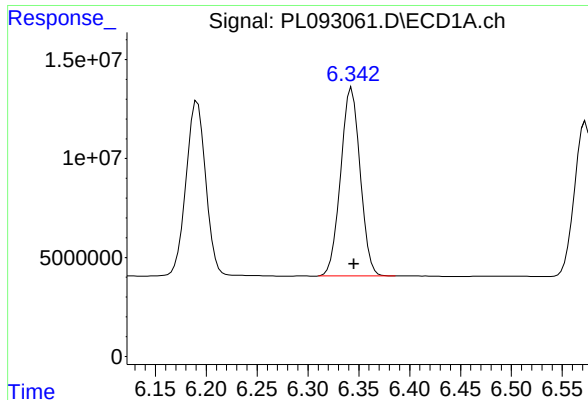
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.002 min
Response: 118276285
Conc: 49.92 ng/ml



#12 4,4'-DDE

R.T.: 5.232 min
Delta R.T.: -0.002 min
Response: 185011057
Conc: 57.43 ng/ml



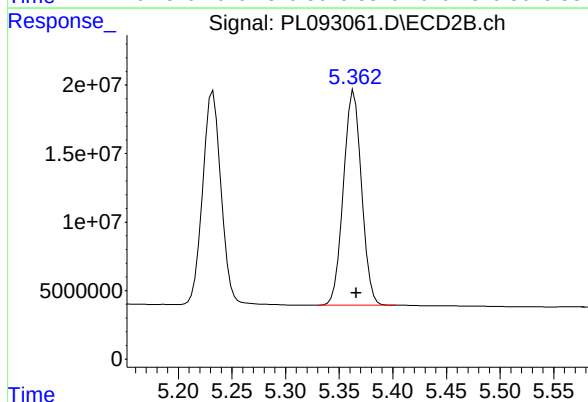
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: -0.002 min
Response: 126847985
Conc: 48.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-731MS

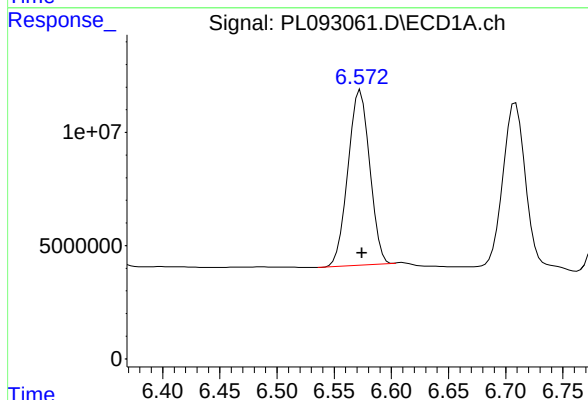
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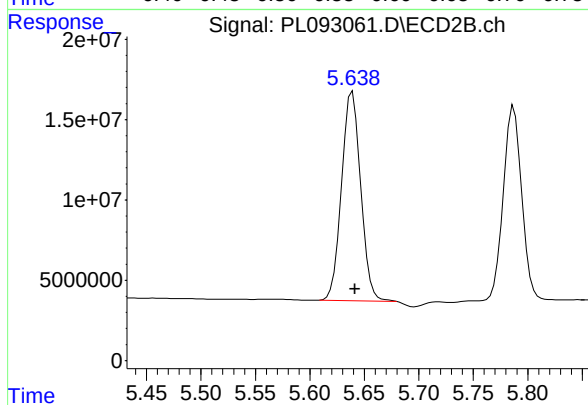
#13 Dieldrin

R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 184131666
Conc: 55.12 ng/ml



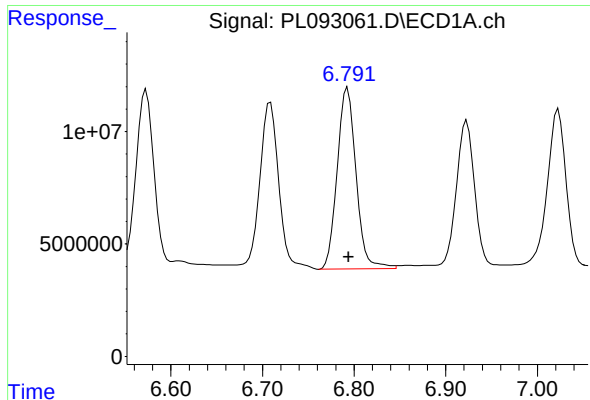
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.001 min
Response: 102703053
Conc: 45.11 ng/ml



#14 Endrin

R.T.: 5.639 min
Delta R.T.: -0.002 min
Response: 158503274
Conc: 54.79 ng/ml



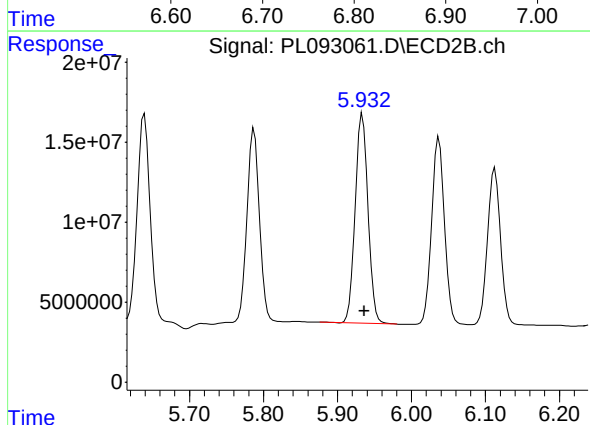
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: -0.001 min
Response: 115457680
Conc: 48.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-731MS

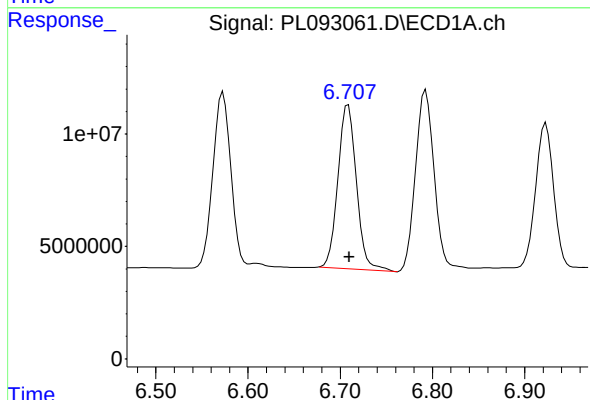
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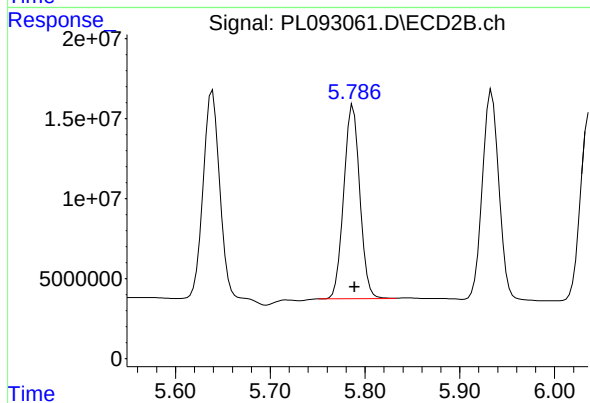
#15 Endosulfan II

R.T.: 5.934 min
Delta R.T.: -0.002 min
Response: 157666903
Conc: 55.65 ng/ml



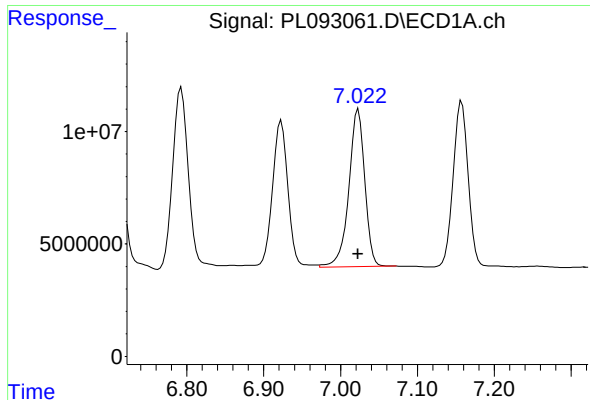
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 101632911
Conc: 52.95 ng/ml



#16 4,4'-DDD

R.T.: 5.787 min
Delta R.T.: -0.002 min
Response: 142636796
Conc: 57.28 ng/ml



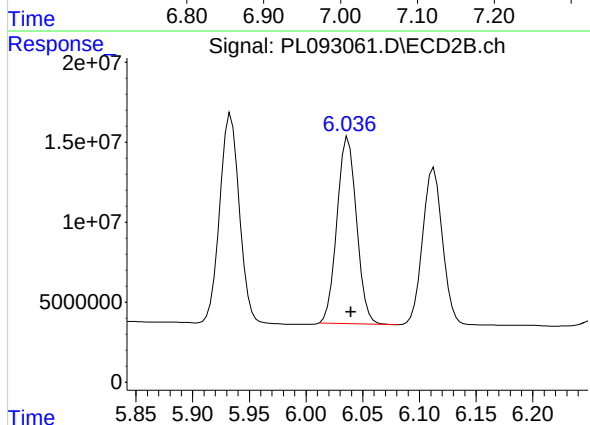
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 100439293
Conc: 48.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-731MS

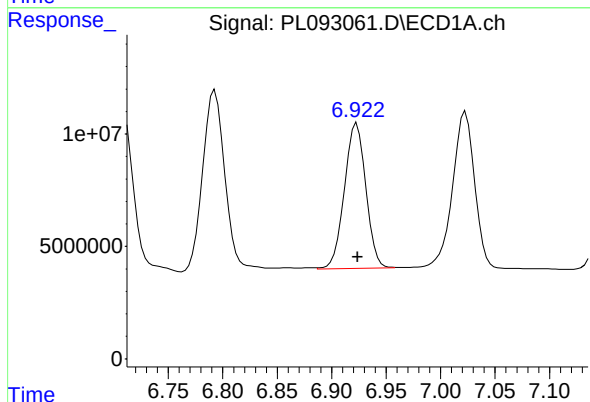
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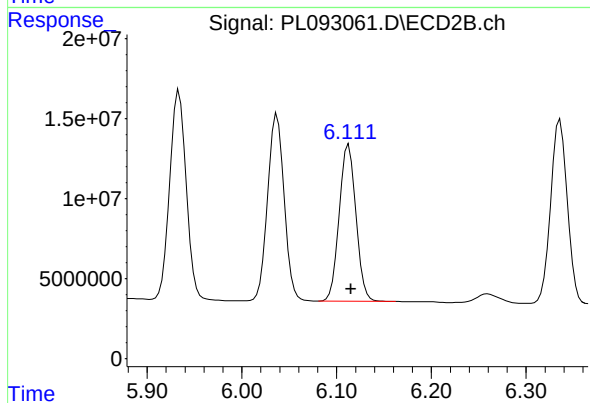
#17 4,4'-DDT

R.T.: 6.037 min
Delta R.T.: -0.003 min
Response: 139521061
Conc: 52.02 ng/ml



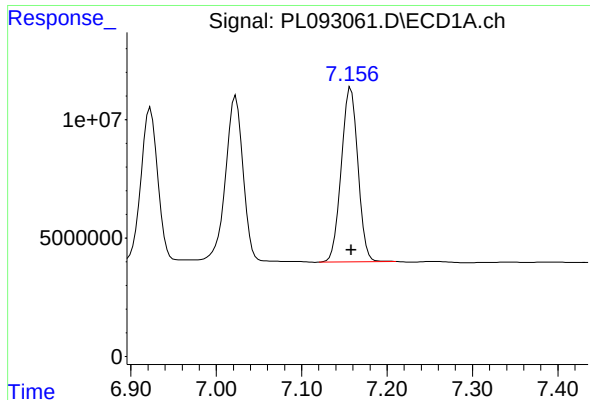
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: -0.002 min
Response: 88357857
Conc: 47.05 ng/ml m



#18 Endrin aldehyde

R.T.: 6.113 min
Delta R.T.: -0.002 min
Response: 119578298
Conc: 51.83 ng/ml



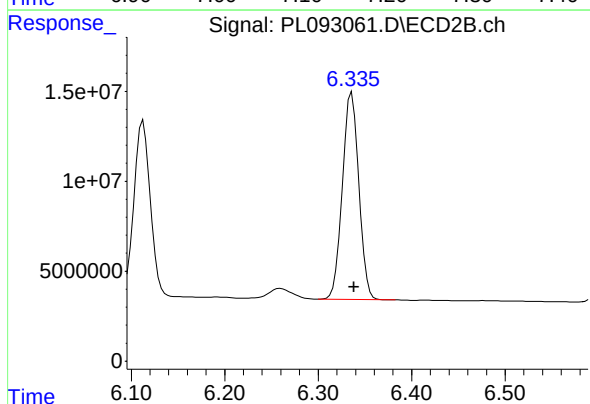
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 99626857
Conc: 45.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-731MS

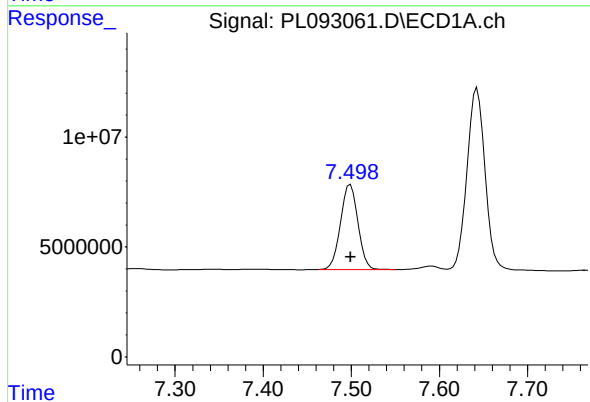
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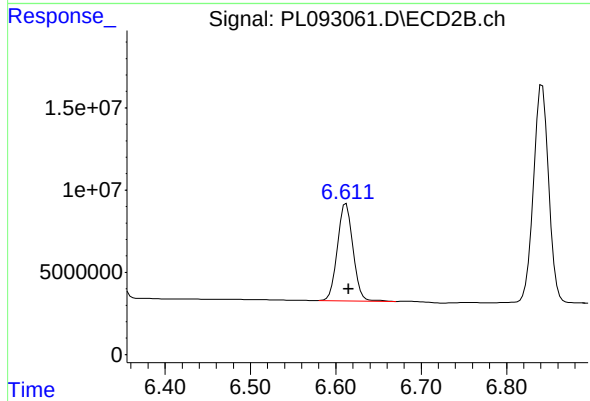
#19 Endosulfan Sulfate

R.T.: 6.336 min
Delta R.T.: -0.002 min
Response: 140418088
Conc: 52.07 ng/ml



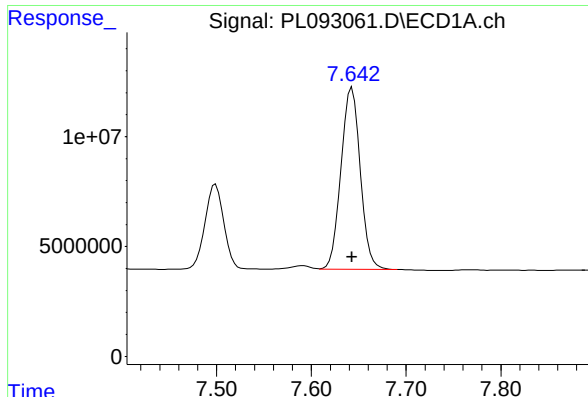
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 53152192
Conc: 46.62 ng/ml



#20 Methoxychlor

R.T.: 6.612 min
Delta R.T.: -0.003 min
Response: 74252034
Conc: 52.00 ng/ml



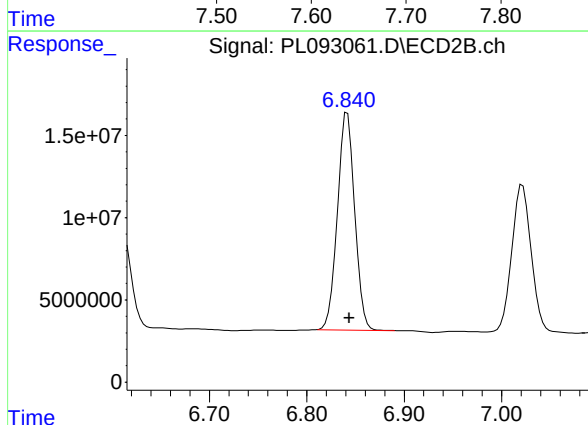
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 117118313
Conc: 48.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-731MS

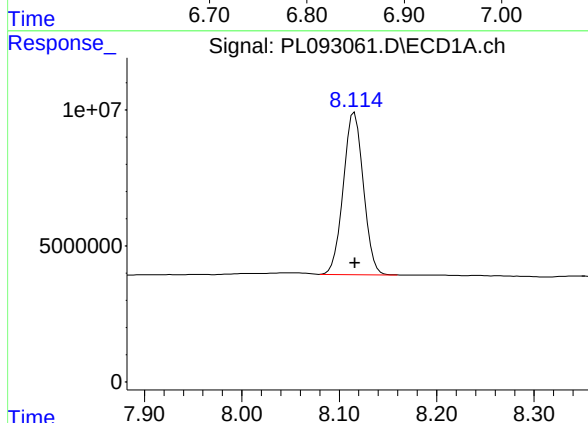
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/15/2024
Supervised By :Ankita Jodhani 11/15/2024



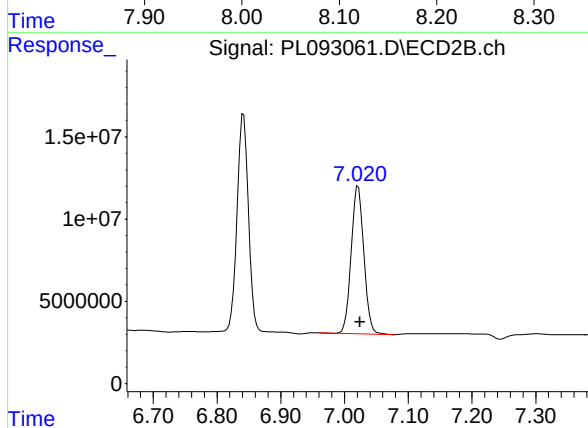
#21 Endrin ketone

R.T.: 6.842 min
Delta R.T.: -0.002 min
Response: 162586237
Conc: 52.98 ng/ml



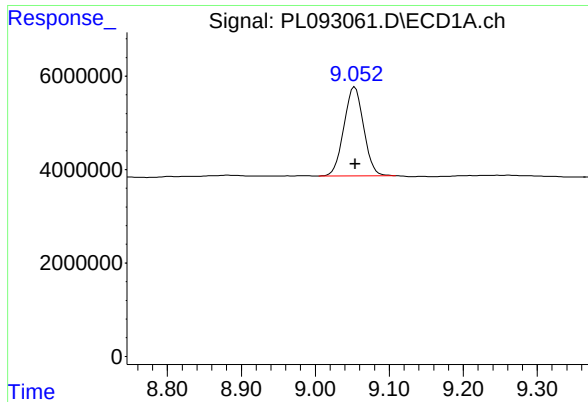
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 85195268
Conc: 42.99 ng/ml



#22 Mirex

R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 123951612
Conc: 47.51 ng/ml



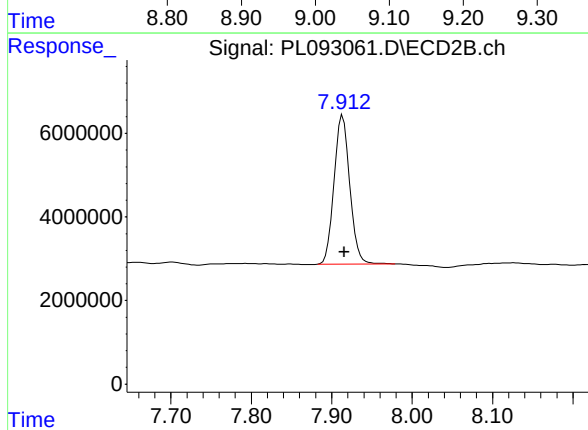
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.000 min
Response: 35305591
Conc: 18.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-731MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.914 min
Delta R.T.: -0.002 min
Response: 48560374
Conc: 17.79 ng/ml