

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111324\
 Data File : PL093044.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Nov 2024 17:56
 Operator : AR\AJ
 Sample : P4799-03MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-TA2-02-CMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/14/2024
 Supervised By :Ankita Jodhani 11/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 00:37:34 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...	3.539	2.776	55485331	59556419	22.645	21.886
28) SA Decachlor...	9.051	7.912	42382298	64848596	22.022	23.761
Target Compounds						
2) A alpha-BHC	3.995	3.278	187.0E6	240.1E6	55.136	60.169
3) MA gamma-BHC...	4.327	3.609	175.7E6	223.1E6	53.891	57.818
4) MA Heptachlor	4.916	3.946	168.2E6	346.6E6	56.009	91.830 #
5) MB Aldrin	5.255	4.227	159.3E6	224.8E6	53.069m	61.427
6) B beta-BHC	4.524	3.908	77120027	104.4E6	53.353m	63.393
7) B delta-BHC	4.772	4.137	212.6E6	196.6E6	67.937	51.160
8) B Heptachlo...	5.682	4.730	149.2E6	207.0E6	54.035m	61.954
9) A Endosulfan I	6.069	5.099	136.5E6	186.5E6	54.572	61.081
10) B gamma-Chl...	5.940	4.980	146.1E6	219.6E6	54.930	65.329
11) B alpha-Chl...	6.018	5.043	146.3E6	215.1E6	55.257	64.660
12) B 4,4'-DDE	6.191	5.232	129.1E6	209.2E6	54.502	64.942
13) MA Dieldrin	6.343	5.363	144.0E6	215.3E6	54.626	64.460
14) MA Endrin	6.572	5.637	121.9E6	188.1E6	53.542m	65.021m
15) B Endosulfa...	6.793	5.932	127.9E6	184.0E6	53.648	64.949m
16) A 4,4'-DDD	6.707	5.787	109.8E6	166.1E6	57.190m	66.712
17) MA 4,4'-DDT	7.022	6.036	115.9E6	171.0E6	56.020	63.748m
18) B Endrin al...	6.921	6.113	97797253	138.8E6	52.076m	60.138
19) B Endosulfa...	7.157	6.335	111.5E6	165.3E6	51.371	61.311
20) A Methoxychlor	7.498	6.612	61024989	88139464	53.531	61.721
21) B Endrin ke...	7.641	6.841	128.8E6	192.7E6	53.160	62.807
22) Mirex	8.115	7.021	95993065	145.7E6	48.440	55.860

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111324\
Data File : PL093044.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Nov 2024 17:56
Operator : AR\AJ
Sample : P4799-03MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

WC-TA2-02-CMS

Manual Integrations

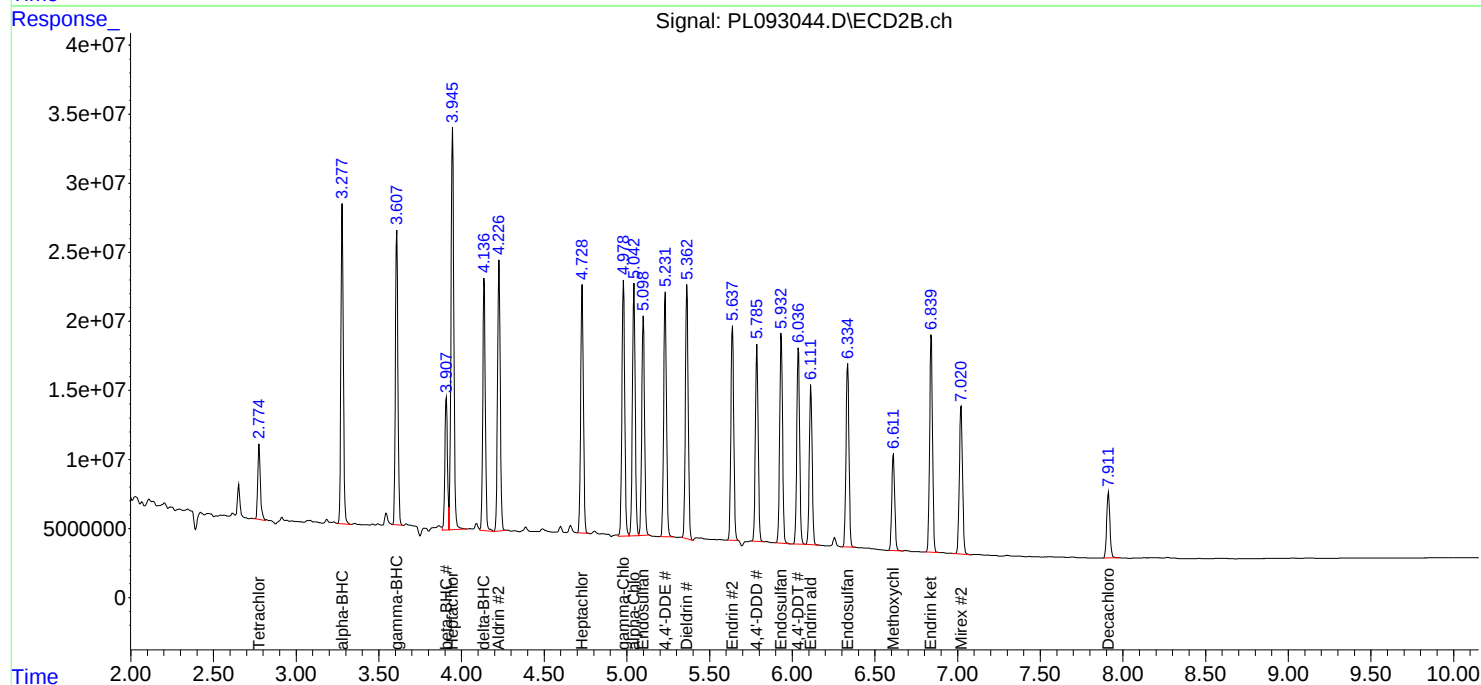
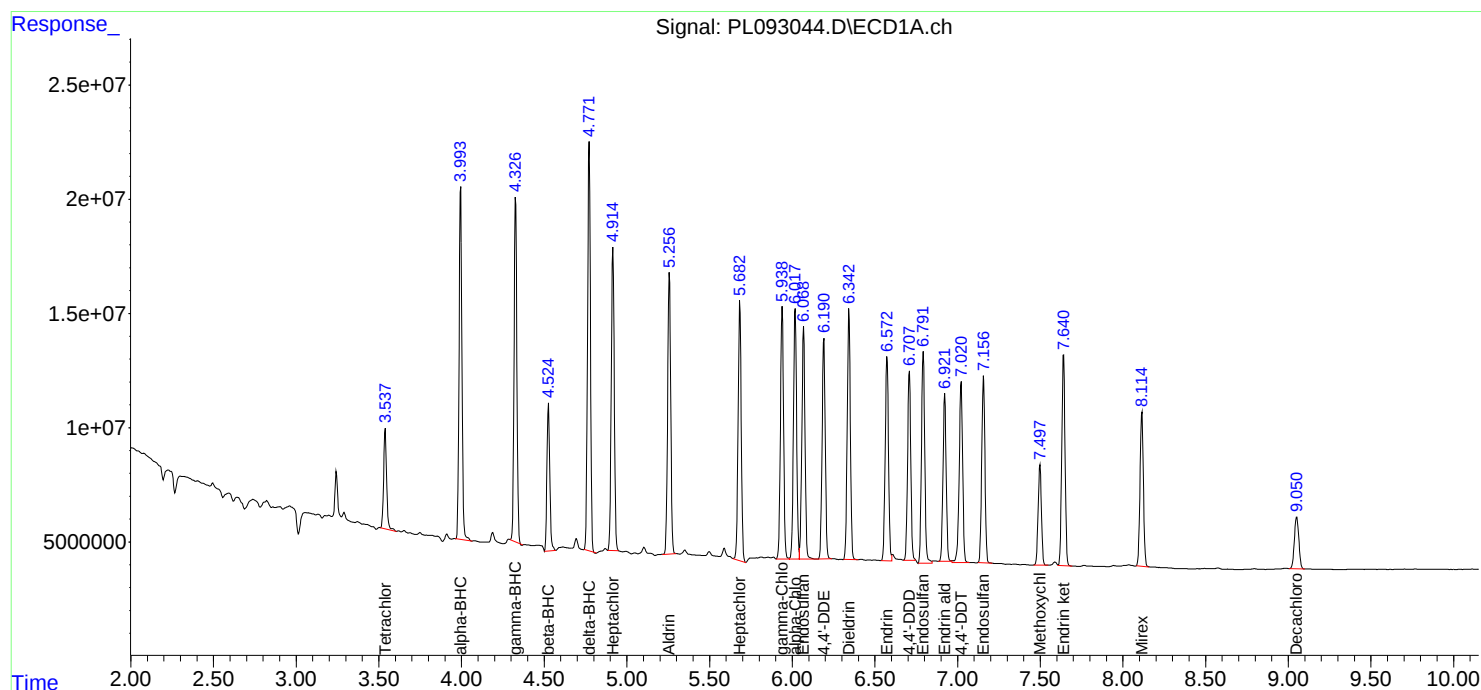
APPROVED

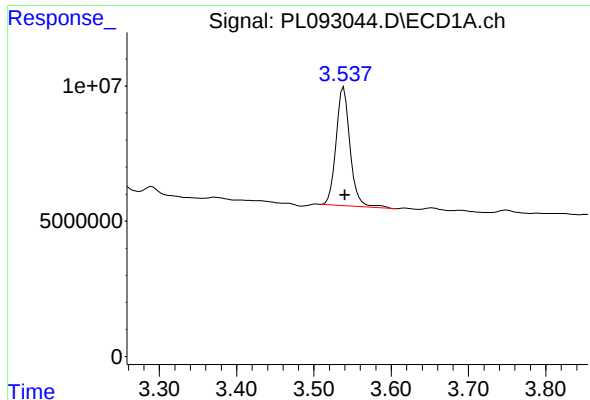
Reviewed By :Yogesh Patel 11/14/2024

Supervised By :Ankita Jodhani 11/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 14 00:37:34 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





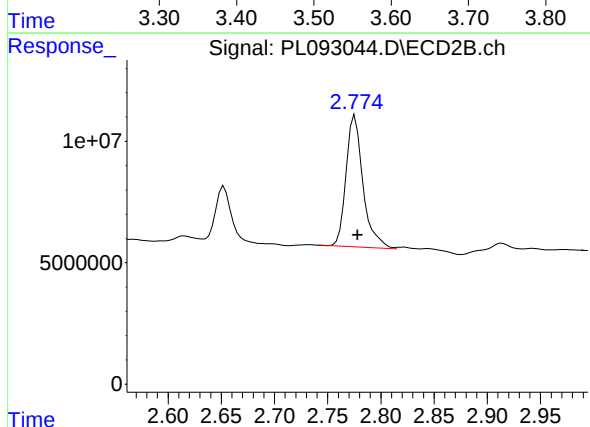
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: -0.001 min
Response: 55485331
Conc: 22.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-TA2-02-CMS

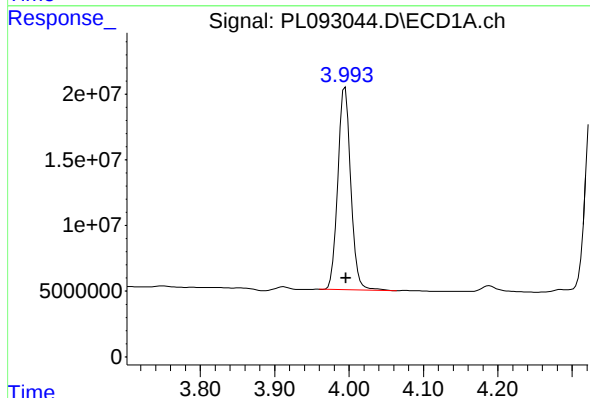
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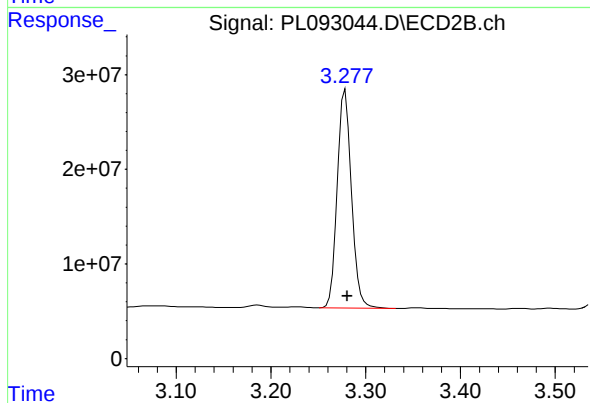
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.002 min
Response: 59556419
Conc: 21.89 ng/ml



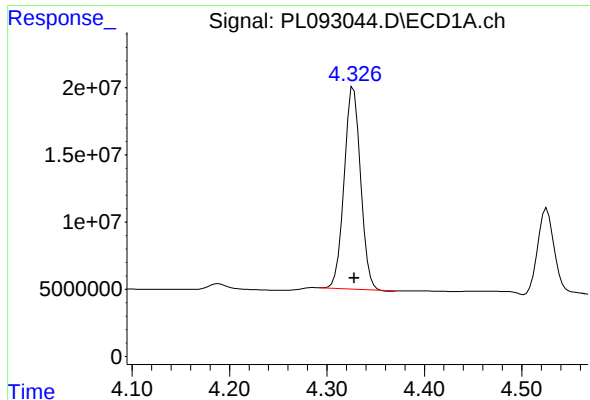
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: -0.001 min
Response: 186997292
Conc: 55.14 ng/ml



#2 alpha-BHC

R.T.: 3.278 min
Delta R.T.: -0.002 min
Response: 240086411
Conc: 60.17 ng/ml



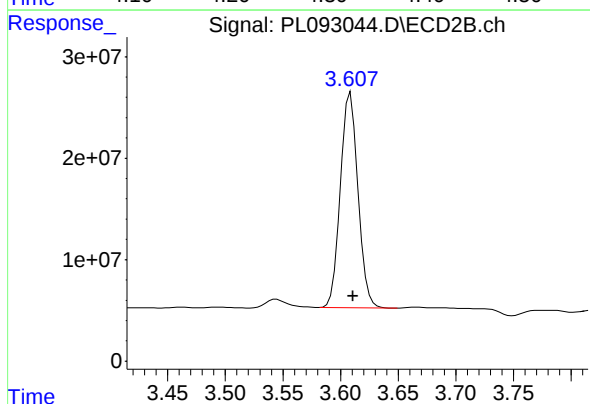
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 175660939
Conc: 53.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-TA2-02-CMS

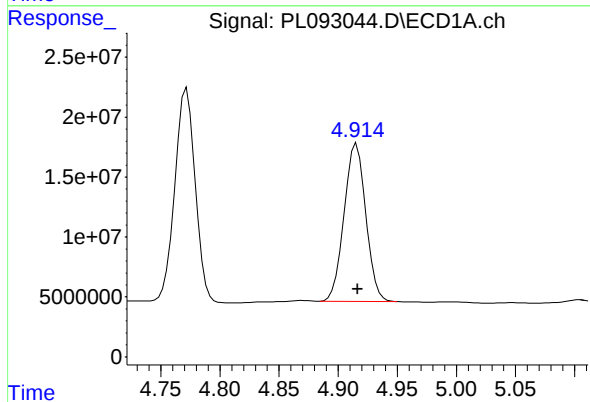
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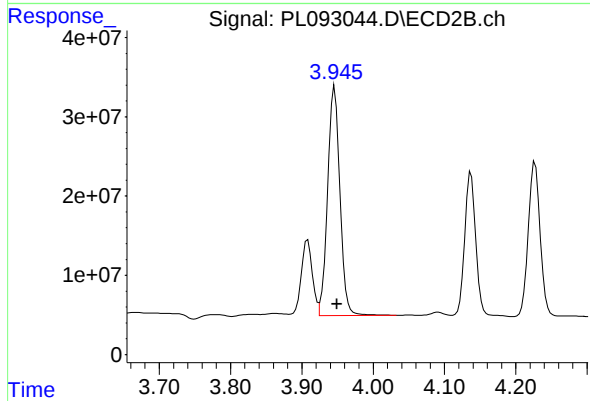
#3 gamma-BHC (Lindane)

R.T.: 3.609 min
Delta R.T.: -0.002 min
Response: 223147543
Conc: 57.82 ng/ml



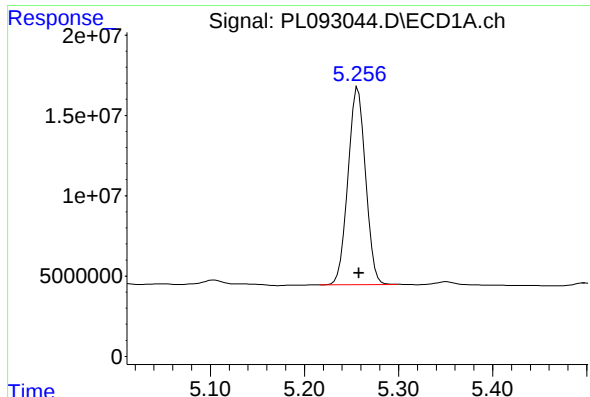
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: -0.001 min
Response: 168201704
Conc: 56.01 ng/ml



#4 Heptachlor

R.T.: 3.946 min
Delta R.T.: -0.003 min
Response: 346558645
Conc: 91.83 ng/ml



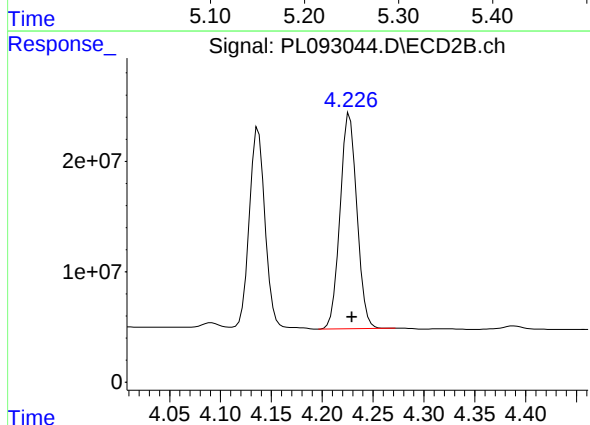
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: -0.002 min
Response: 159285047
Conc: 53.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-TA2-02-CMS

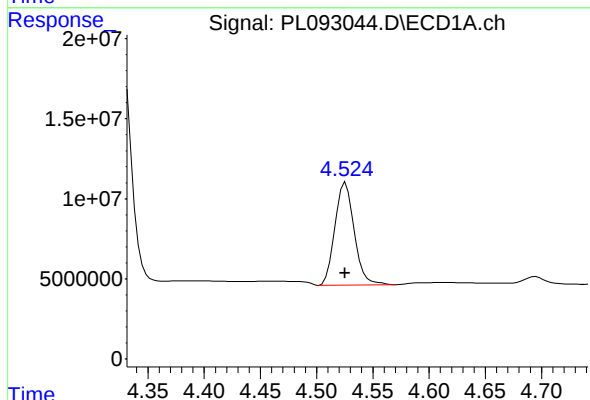
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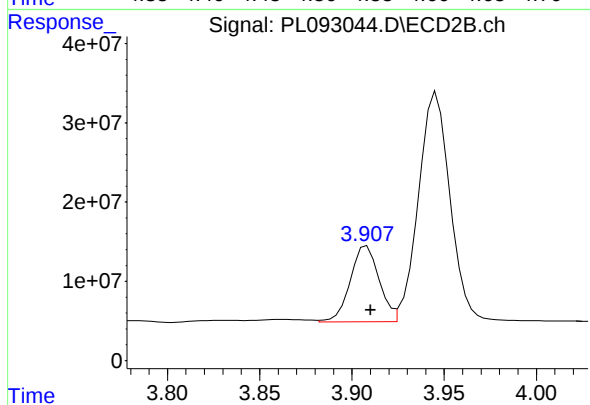
#5 Aldrin

R.T.: 4.227 min
Delta R.T.: -0.002 min
Response: 224837305
Conc: 61.43 ng/ml



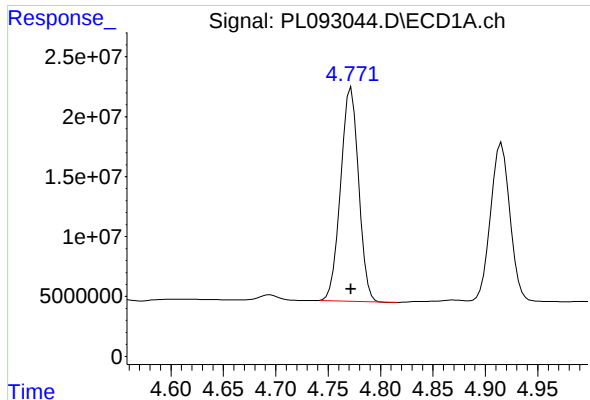
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 77120027
Conc: 53.35 ng/ml m



#6 beta-BHC

R.T.: 3.908 min
Delta R.T.: -0.002 min
Response: 104360138
Conc: 63.39 ng/ml



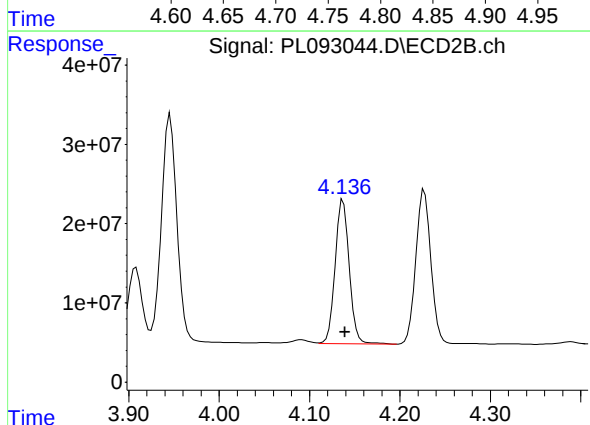
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 212634209
Conc: 67.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-TA2-02-CMS

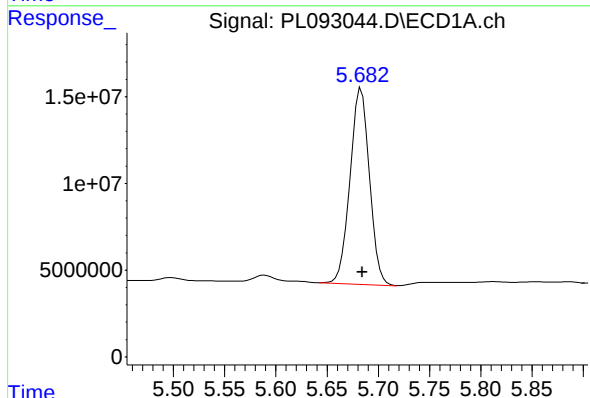
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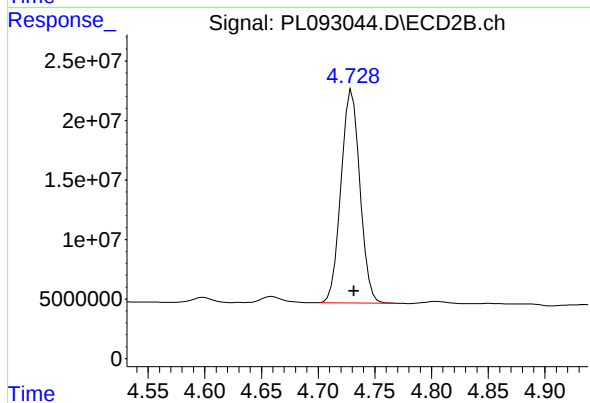
#7 delta-BHC

R.T.: 4.137 min
Delta R.T.: -0.002 min
Response: 196616510
Conc: 51.16 ng/ml



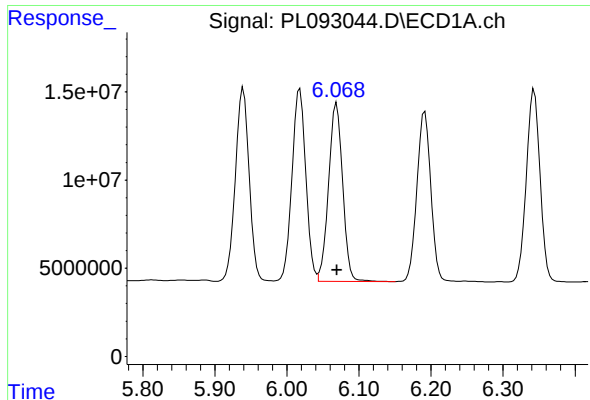
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.002 min
Response: 149213636
Conc: 54.04 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.730 min
Delta R.T.: -0.002 min
Response: 207013173
Conc: 61.95 ng/ml



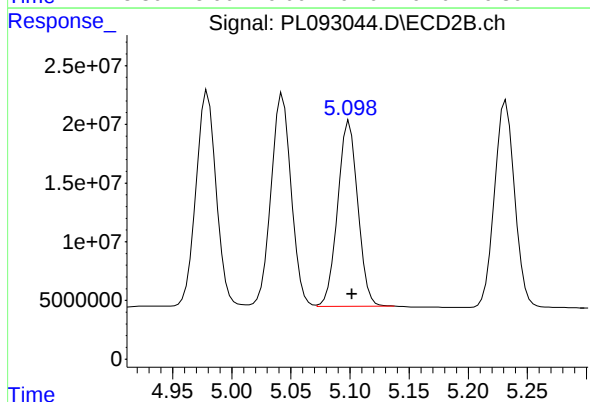
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 136503452
Conc: 54.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-TA2-02-CMS

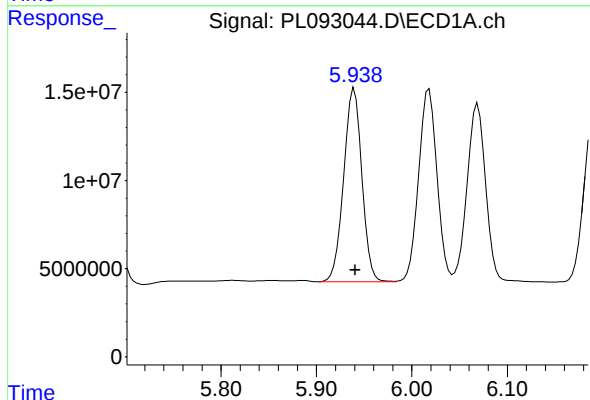
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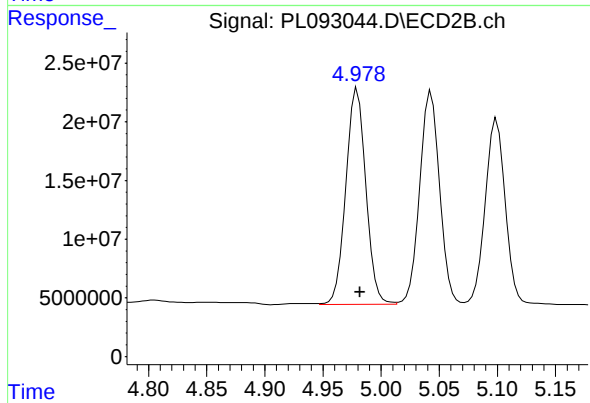
#9 Endosulfan I

R.T.: 5.099 min
Delta R.T.: -0.002 min
Response: 186487808
Conc: 61.08 ng/ml



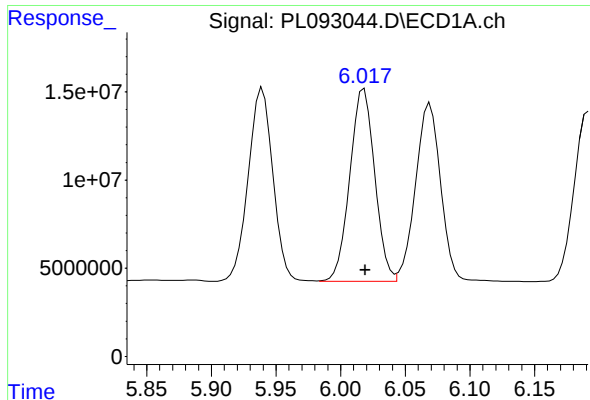
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: -0.001 min
Response: 146147612
Conc: 54.93 ng/ml



#10 gamma-Chlordane

R.T.: 4.980 min
Delta R.T.: -0.002 min
Response: 219616122
Conc: 65.33 ng/ml



#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: -0.001 min
Response: 146327875
Conc: 55.26 ng/ml

Instrument :

ECD_L

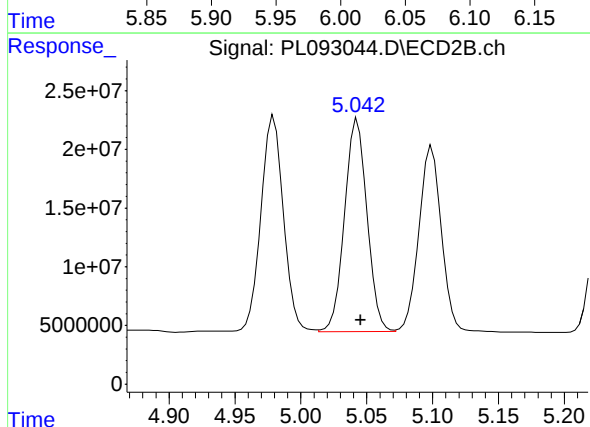
ClientSampleId :

WC-TA2-02-CMS

Manual Integrations

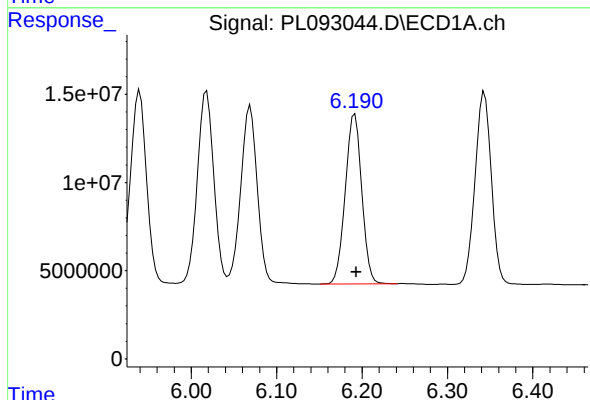
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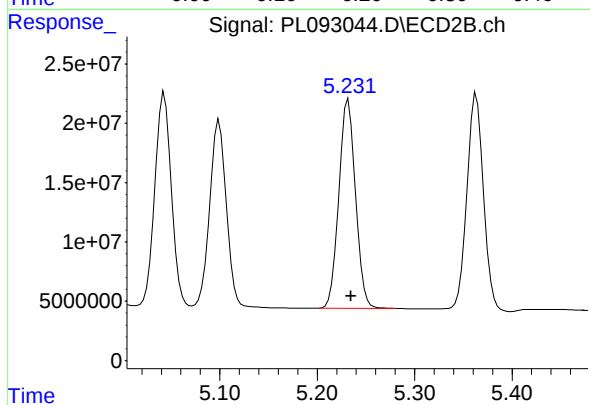
#11 alpha-Chlordane

R.T.: 5.043 min
Delta R.T.: -0.002 min
Response: 215061711
Conc: 64.66 ng/ml



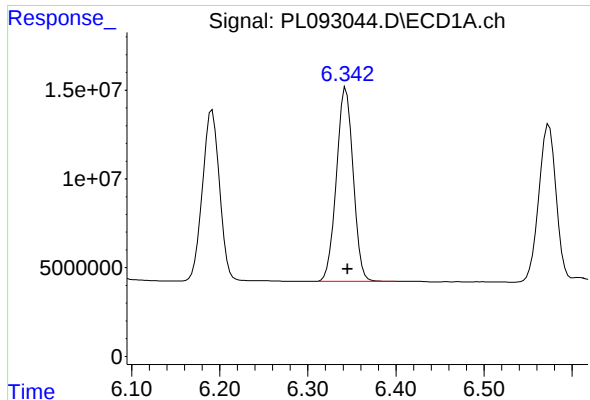
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.002 min
Response: 129126125
Conc: 54.50 ng/ml



#12 4,4'-DDE

R.T.: 5.232 min
Delta R.T.: -0.003 min
Response: 209218781
Conc: 64.94 ng/ml



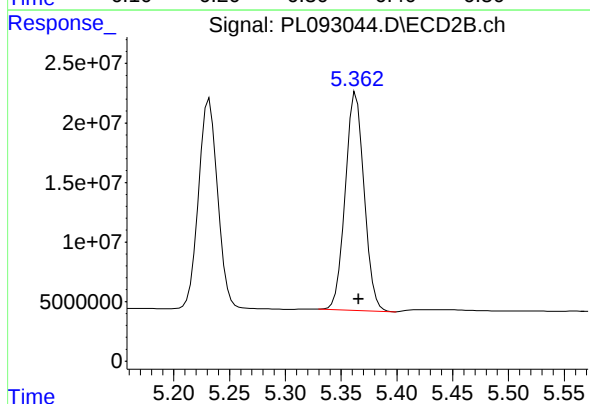
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: -0.002 min
Response: 143966179
Conc: 54.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
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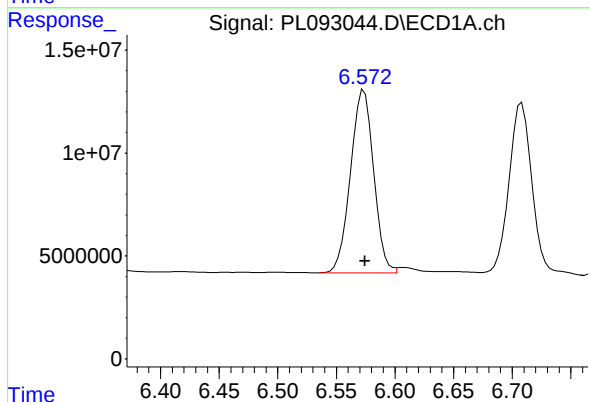
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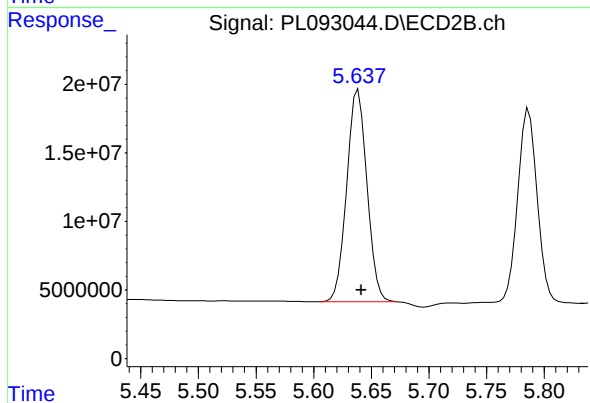
#13 Dieldrin

R.T.: 5.363 min
Delta R.T.: -0.002 min
Response: 215317227
Conc: 64.46 ng/ml



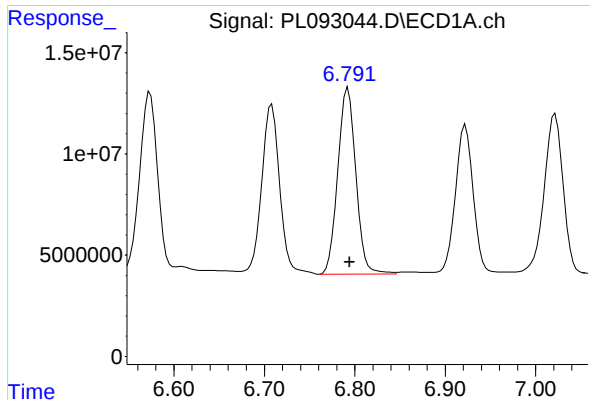
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.002 min
Response: 121896708
Conc: 53.54 ng/ml m



#14 Endrin

R.T.: 5.637 min
Delta R.T.: -0.004 min
Response: 188105201
Conc: 65.02 ng/ml m



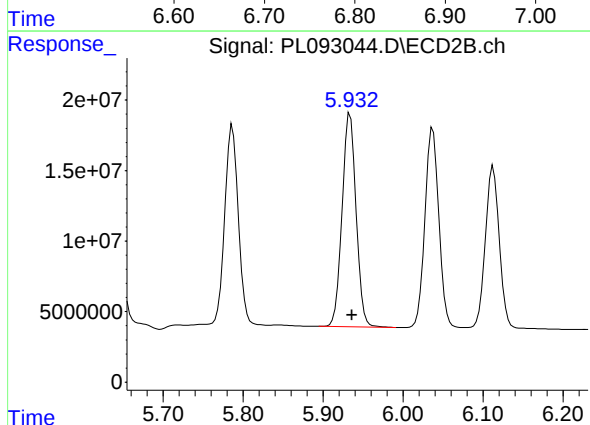
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: -0.002 min
Response: 127887395
Conc: 53.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-TA2-02-CMS

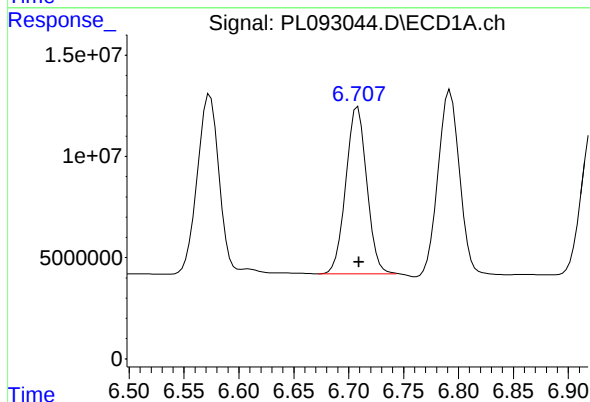
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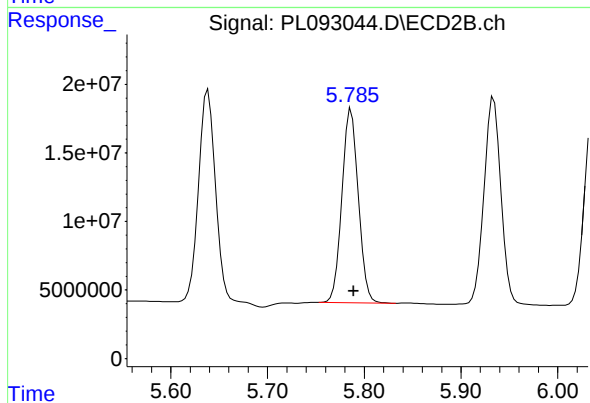
#15 Endosulfan II

R.T.: 5.932 min
Delta R.T.: -0.004 min
Response: 184018273
Conc: 64.95 ng/ml



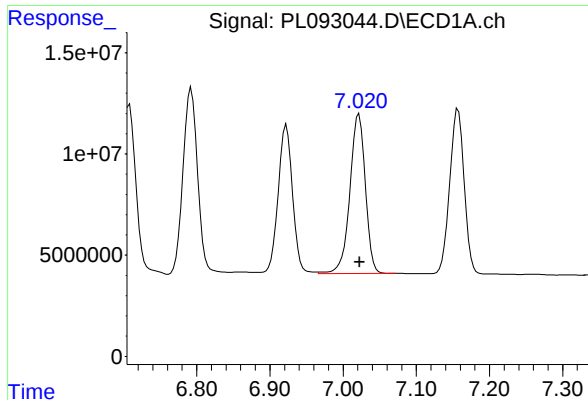
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 109777045
Conc: 57.19 ng/ml



#16 4,4'-DDD

R.T.: 5.787 min
Delta R.T.: -0.003 min
Response: 166116380
Conc: 66.71 ng/ml



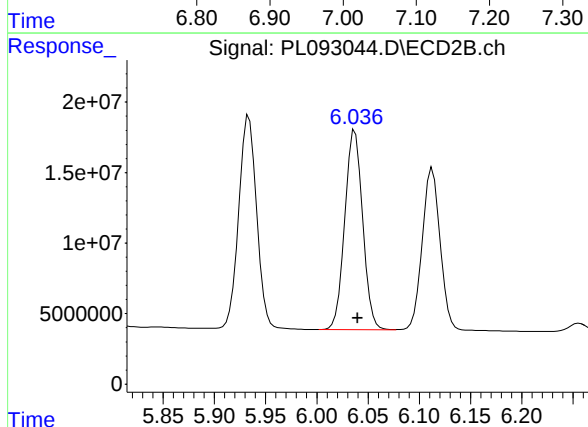
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: -0.001 min
Response: 115946797
Conc: 56.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-TA2-02-CMS

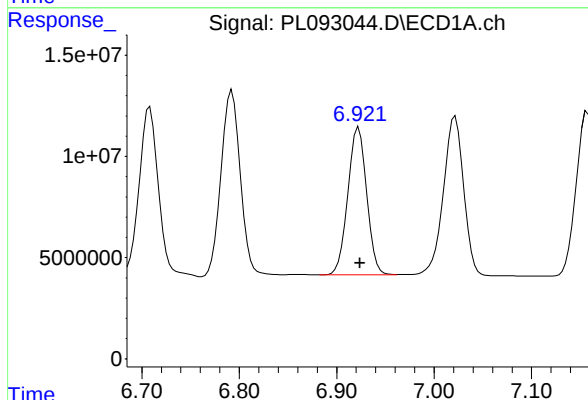
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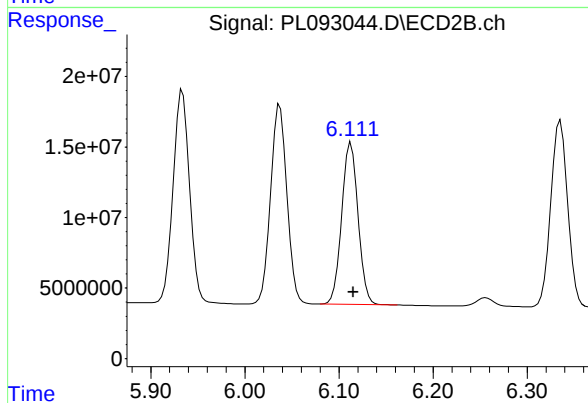
#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: -0.004 min
Response: 170989885
Conc: 63.75 ng/ml



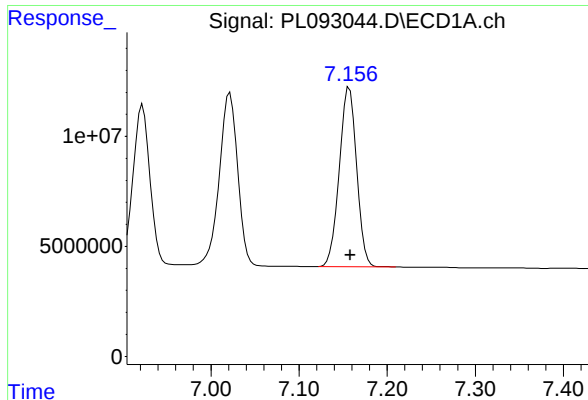
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 97797253
Conc: 52.08 ng/ml



#18 Endrin aldehyde

R.T.: 6.113 min
Delta R.T.: -0.002 min
Response: 138755828
Conc: 60.14 ng/ml



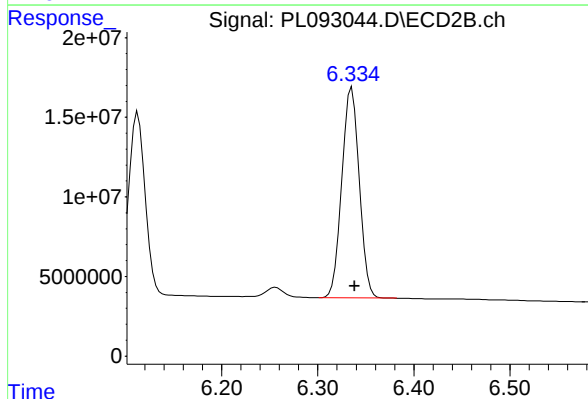
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: -0.001 min
Response: 111492056
Conc: 51.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
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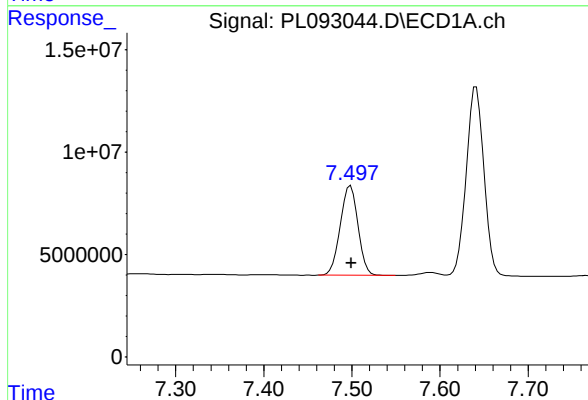
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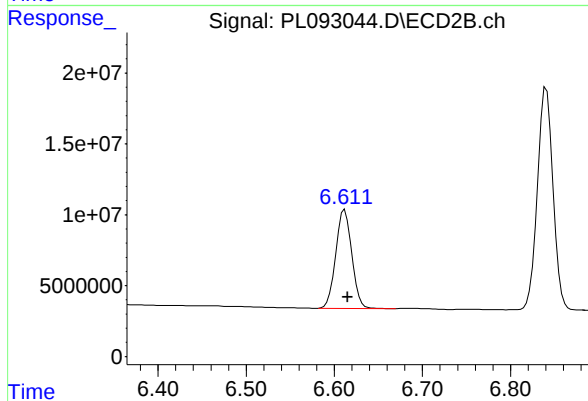
#19 Endosulfan Sulfate

R.T.: 6.335 min
Delta R.T.: -0.003 min
Response: 165347094
Conc: 61.31 ng/ml



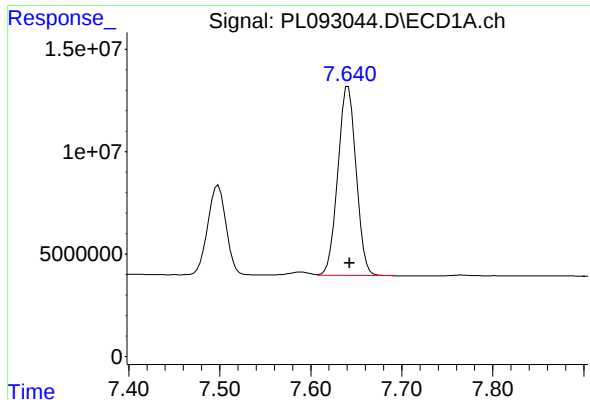
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.001 min
Response: 61024989
Conc: 53.53 ng/ml



#20 Methoxychlor

R.T.: 6.612 min
Delta R.T.: -0.003 min
Response: 88139464
Conc: 61.72 ng/ml



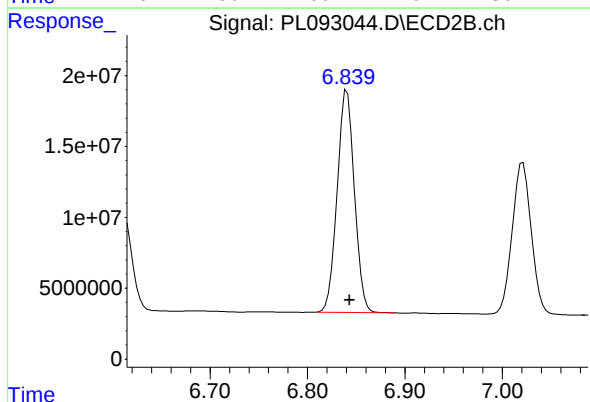
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.002 min
Response: 128796027
Conc: 53.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-TA2-02-CMS

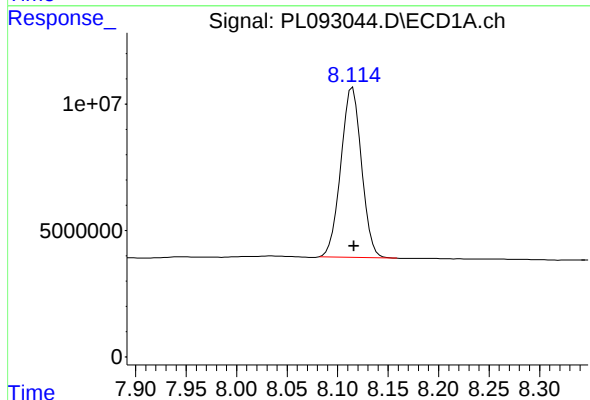
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :Ankita Jodhani 11/14/2024



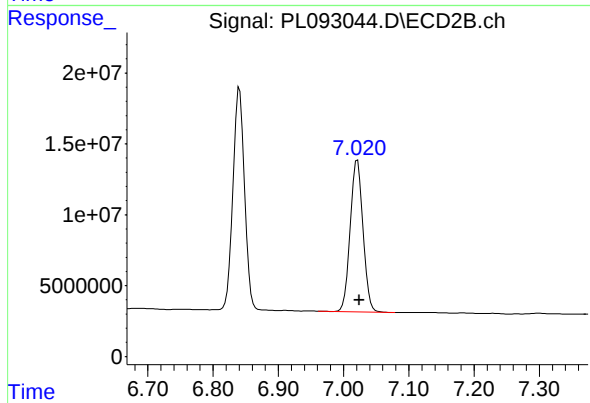
#21 Endrin ketone

R.T.: 6.841 min
Delta R.T.: -0.003 min
Response: 192743340
Conc: 62.81 ng/ml



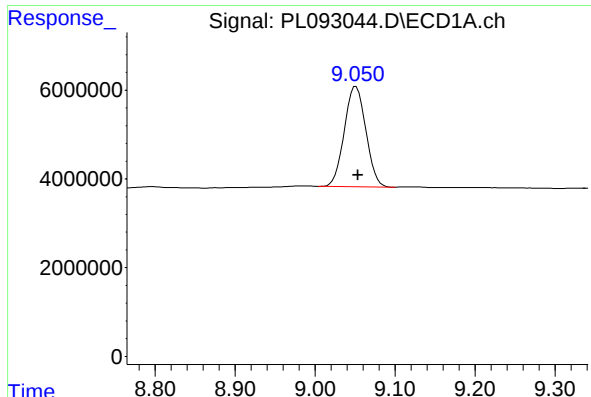
#22 Mirex

R.T.: 8.115 min
Delta R.T.: -0.001 min
Response: 95993065
Conc: 48.44 ng/ml



#22 Mirex

R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 145744376
Conc: 55.86 ng/ml



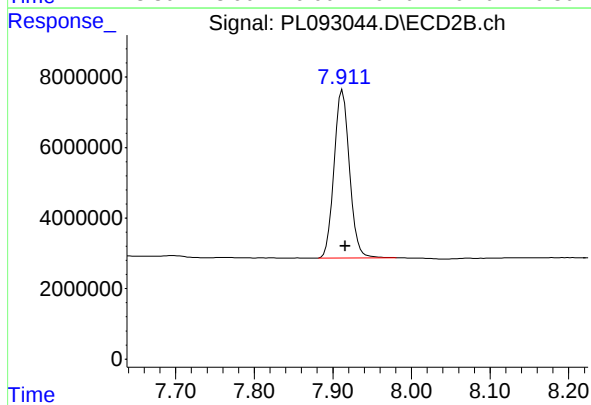
#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: -0.003 min
Response: 42382298
Conc: 22.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-TA2-02-CMS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :Ankita Jodhani 11/14/2024



#28 Decachlorobiphenyl

R.T.: 7.912 min
Delta R.T.: -0.003 min
Response: 64848596
Conc: 23.76 ng/ml