

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012225\
 Data File : PL093761.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jan 2025 14:28
 Operator : AR\AJ
 Sample : Q1142-01MSD 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PL-1-012125MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/23/2025
 Supervised By :Sohil Jodhani 01/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 23 00:22:43 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...	3.538	2.774	5177347	6546932	1.923m	2.006m
2) SA Decachlor...	9.051	7.908	4256722	6020021	2.035m	1.718m
Target Compounds						
2) A alpha-BHC	3.995	3.277	18892101	19414953	4.928	3.971
3) MA gamma-BHC...	4.326	3.608	19531798	19493579	5.303m	4.112
4) MA Heptachlor	4.915	3.944	16183433	18240988	4.938	3.919m
5) MB Aldrin	5.256	4.225	16277509	18609909	4.975	4.080
6) B beta-BHC	4.525	3.906	7085410	10030102	4.408m	5.021m
7) B delta-BHC	4.770	4.134	17007123	17744581	4.852m	3.735m
8) B Heptachlo...	5.683	4.727	15237405	18675665	5.124	4.468
9) A Endosulfan I	6.067	5.097	14047987	12498077	5.315m	3.224m#
10) B gamma-Chl...	5.939	4.977	18600070	19989682	6.673	4.717 #
11) B alpha-Chl...	6.016	5.041	15327381	19818089	5.497m	4.734
12) B 4,4'-DDE	6.191	5.230	11417755	18428603	4.690	4.596
13) MA Dieldrin	6.343	5.359	14702901	18614838	5.297	4.333m
14) MA Endrin	6.572	5.635	11949191	16741019	5.096m	4.534m
15) B Endosulfa...	6.793	5.932	11929231	15147392	4.951	4.090
16) A 4,4'-DDD	6.709	5.784	11195789	14711669	5.891	4.661
17) MA 4,4'-DDT	7.022	6.034	10663547	12705785	5.407	3.905 #
18) B Endrin al...	6.922	6.111	3120229	3644208	1.605	1.197 #
19) B Endosulfa...	7.158	6.333	9444063	11830427	4.172	3.317
20) A Methoxychlor	7.498	6.609	5167046	6351118	4.952	3.552 #
21) B Endrin ke...	7.641	6.838	12303549	16641046	4.877	3.967
22) Mirex	8.116	7.018	10904874	15052916	5.236	4.451

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012225\
Data File : PL093761.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jan 2025 14:28
Operator : AR\AJ
Sample : Q1142-01MSD 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PL-1-012125MSD

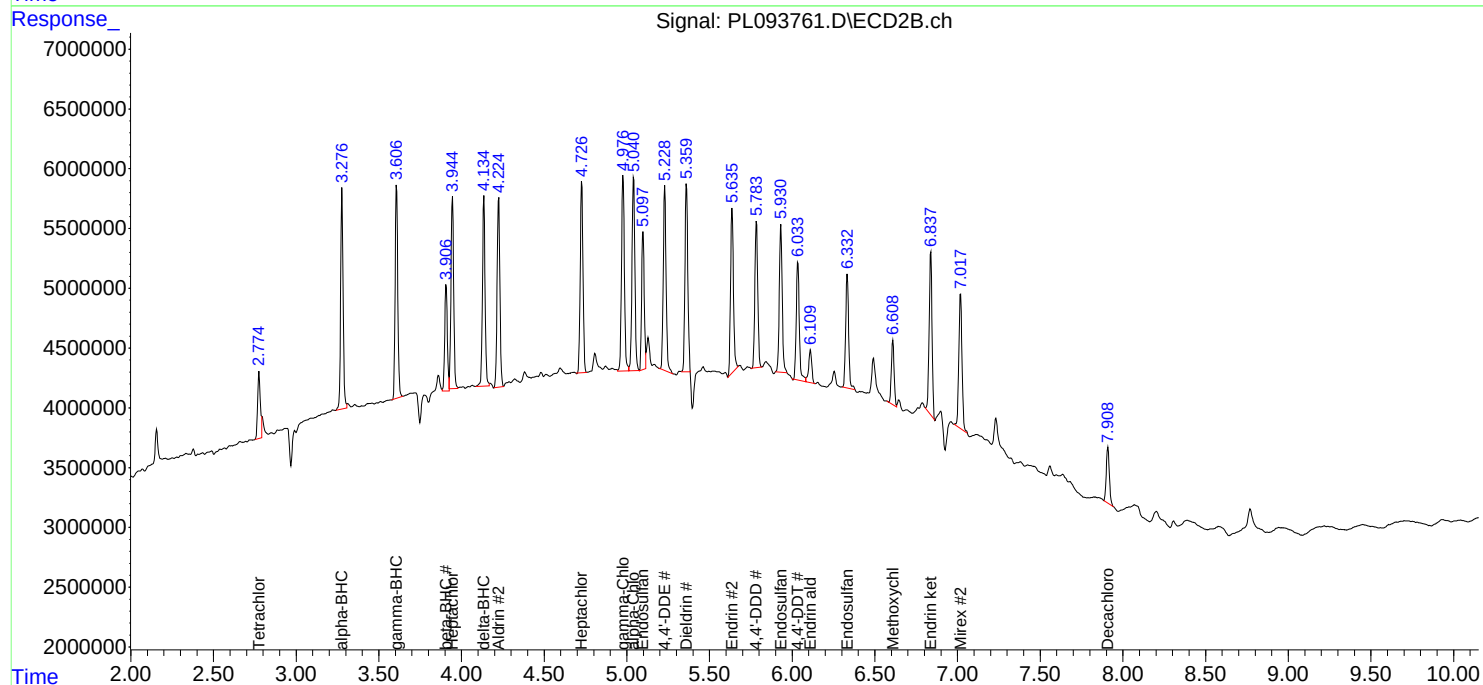
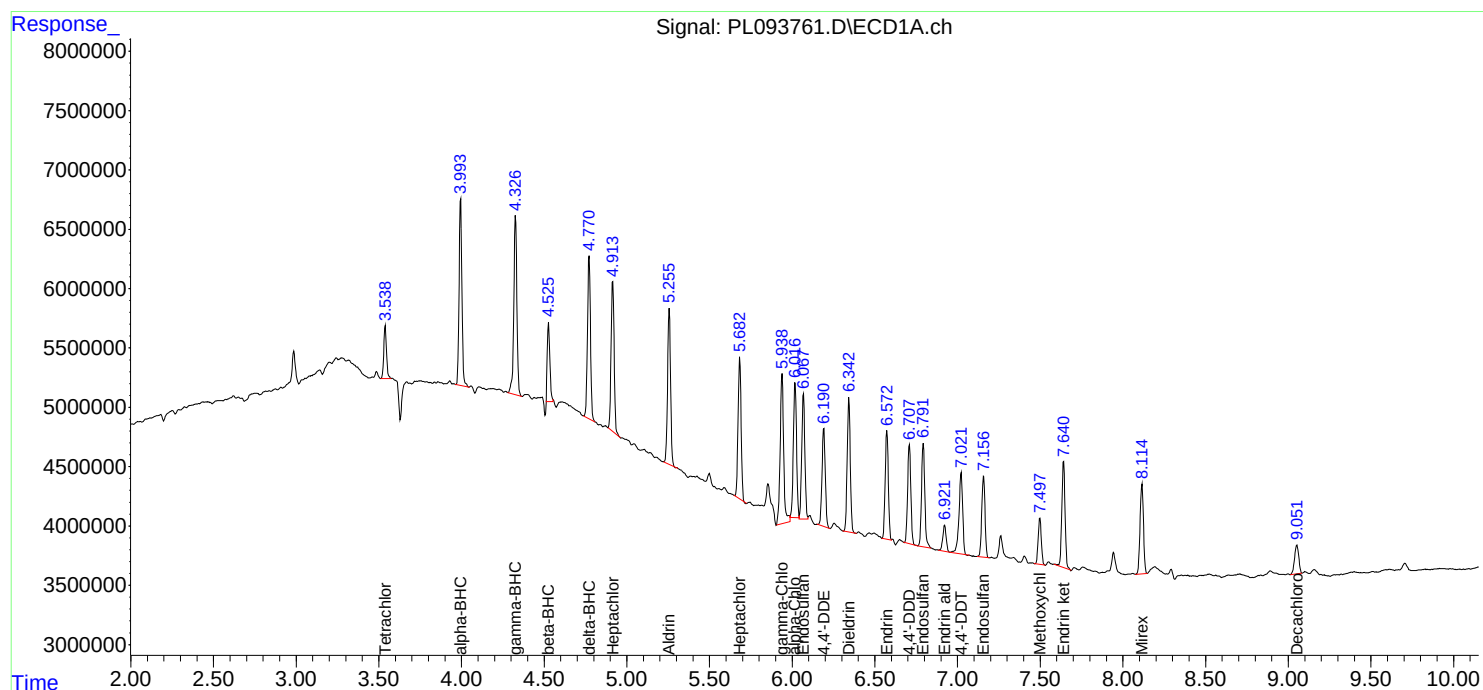
Manual Integrations

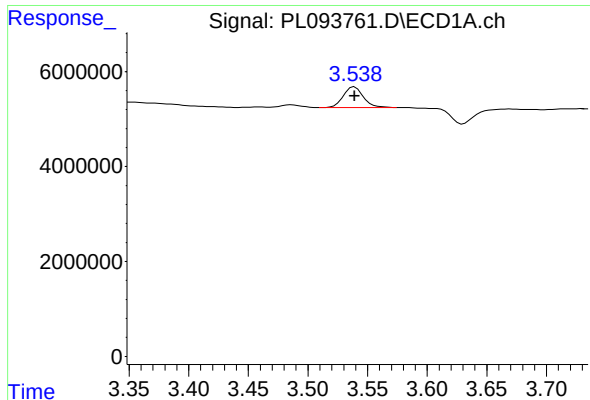
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Supervised By :Sohil Jodhani 01/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 23 00:22:43 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





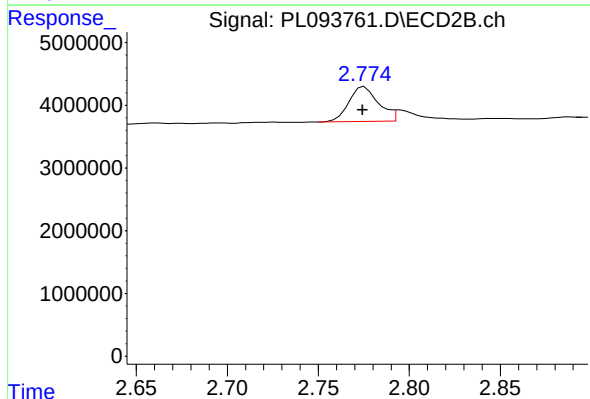
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.001 min
Response: 5177347
Conc: 1.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-1-012125MSD

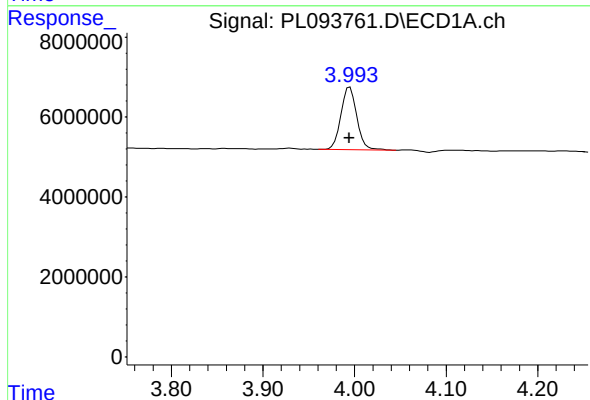
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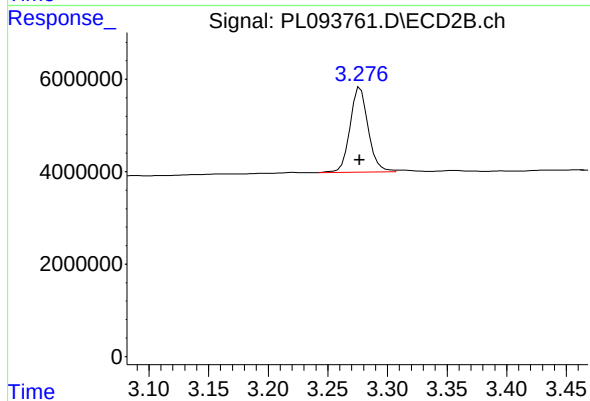
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 6546932
Conc: 2.01 ng/ml m



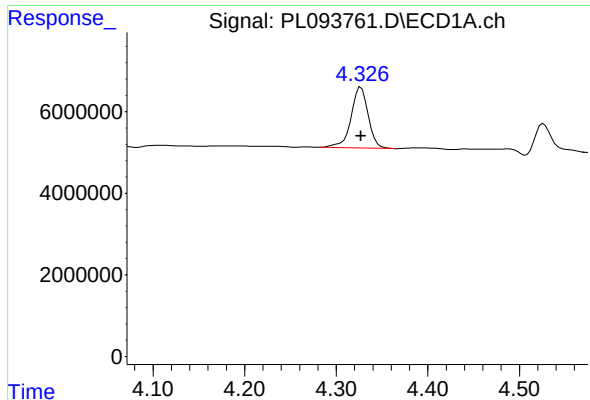
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 18892101
Conc: 4.93 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 19414953
Conc: 3.97 ng/ml



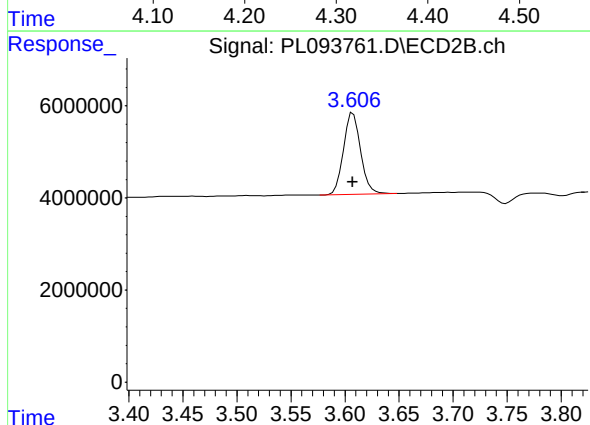
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: -0.001 min
Response: 19531798
Conc: 5.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-1-012125MSD

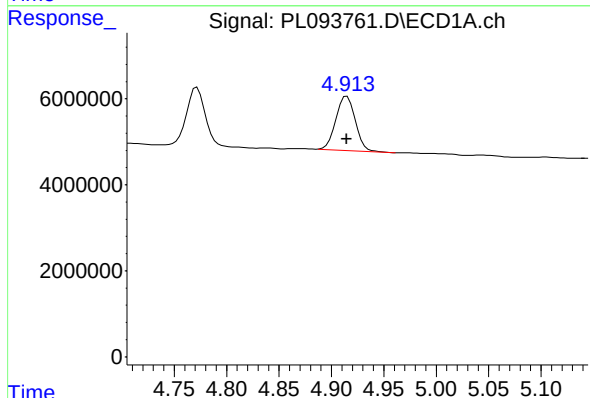
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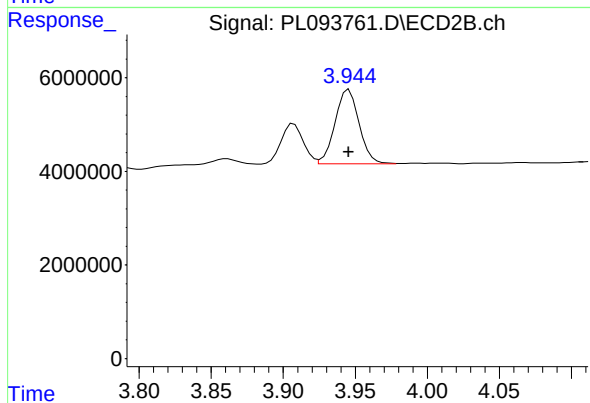
#3 gamma-BHC (Lindane)

R.T.: 3.608 min
Delta R.T.: 0.000 min
Response: 19493579
Conc: 4.11 ng/ml



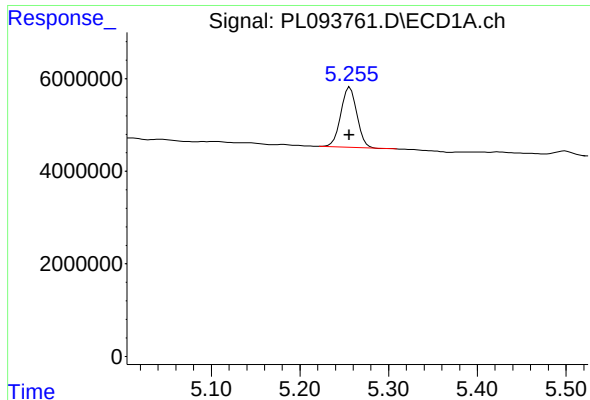
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 16183433
Conc: 4.94 ng/ml



#4 Heptachlor

R.T.: 3.944 min
Delta R.T.: -0.001 min
Response: 18240988
Conc: 3.92 ng/ml m



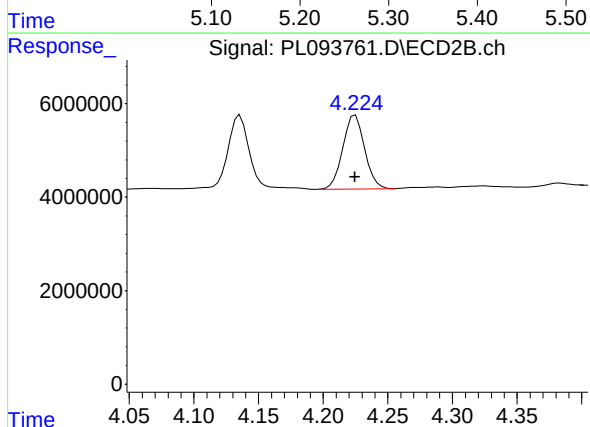
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 16277509
Conc: 4.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-1-012125MSD

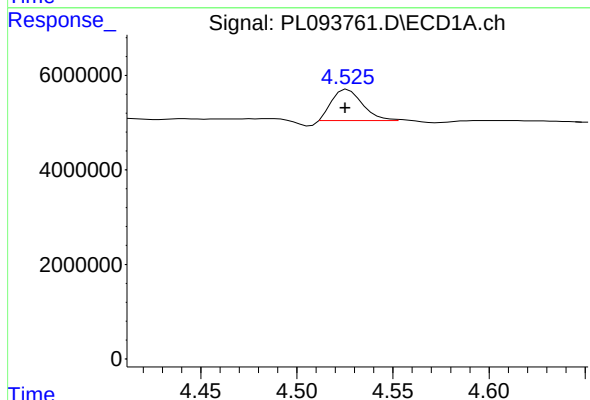
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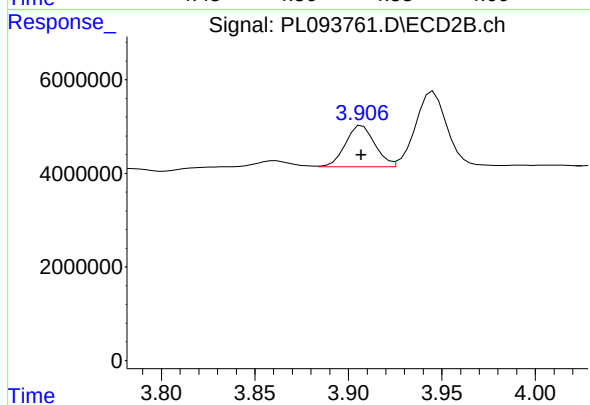
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: 0.000 min
Response: 18609909
Conc: 4.08 ng/ml



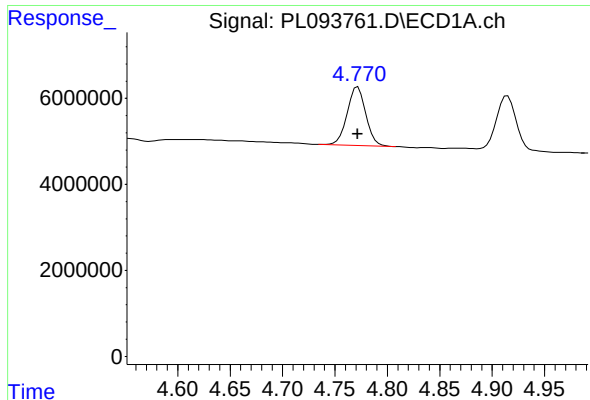
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 7085410
Conc: 4.41 ng/ml m



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: 0.000 min
Response: 10030102
Conc: 5.02 ng/ml m



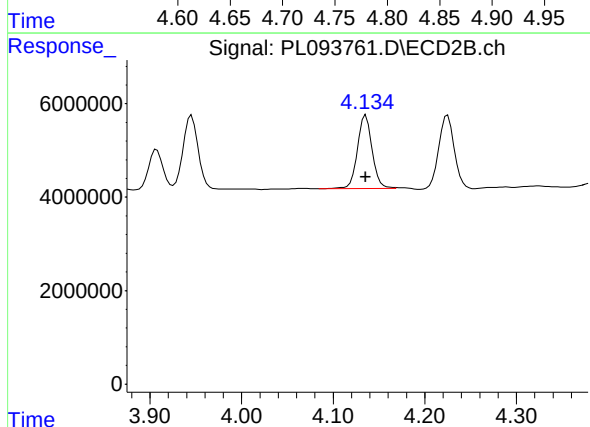
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.001 min
Response: 17007123
Conc: 4.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-1-012125MSD

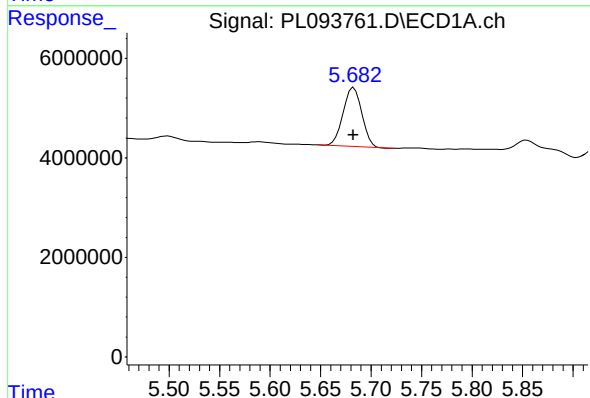
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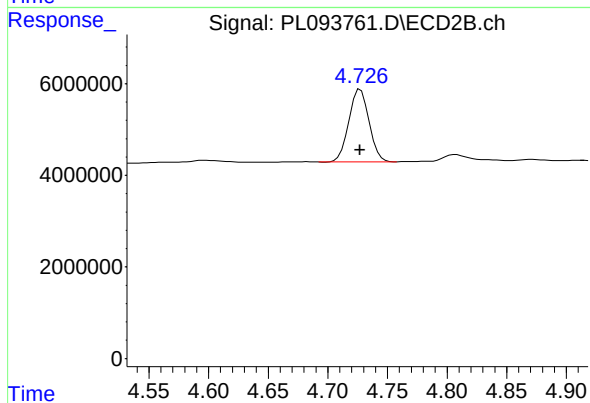
#7 delta-BHC

R.T.: 4.134 min
Delta R.T.: -0.001 min
Response: 17744581
Conc: 3.73 ng/ml m



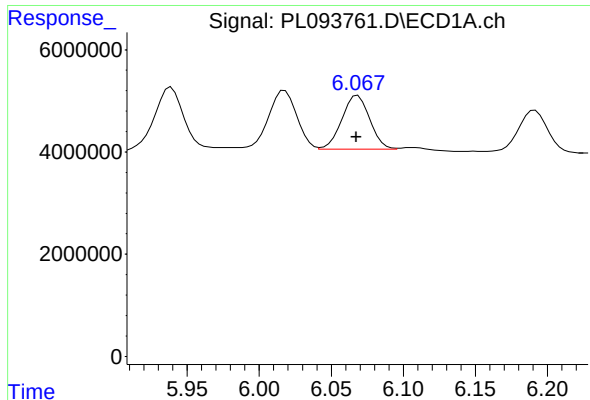
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 15237405
Conc: 5.12 ng/ml



#8 Heptachlor epoxide

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 18675665
Conc: 4.47 ng/ml



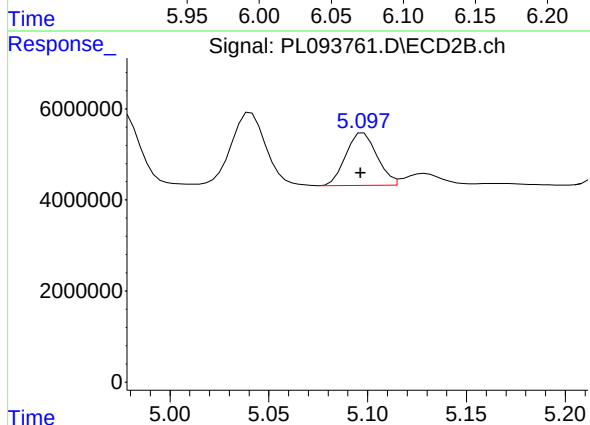
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 14047987
Conc: 5.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-1-012125MSD

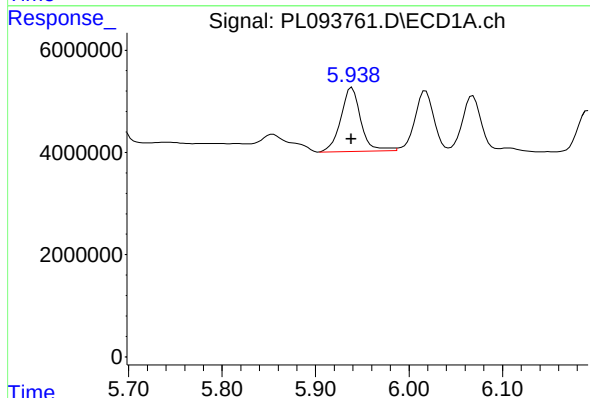
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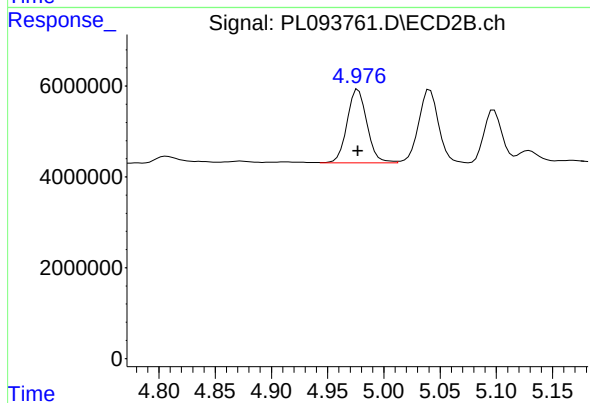
#9 Endosulfan I

R.T.: 5.097 min
Delta R.T.: 0.000 min
Response: 12498077
Conc: 3.22 ng/ml m



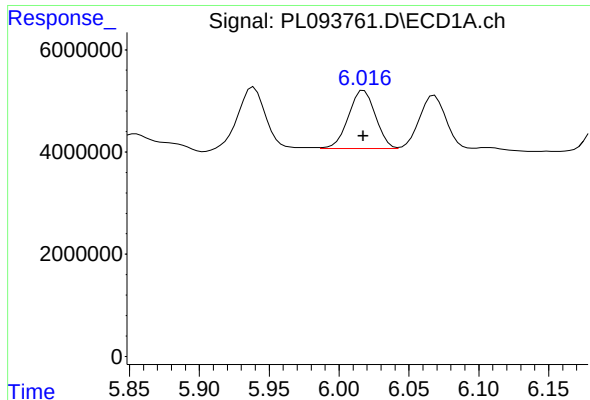
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 18600070
Conc: 6.67 ng/ml



#10 gamma-Chlordane

R.T.: 4.977 min
Delta R.T.: 0.000 min
Response: 19989682
Conc: 4.72 ng/ml



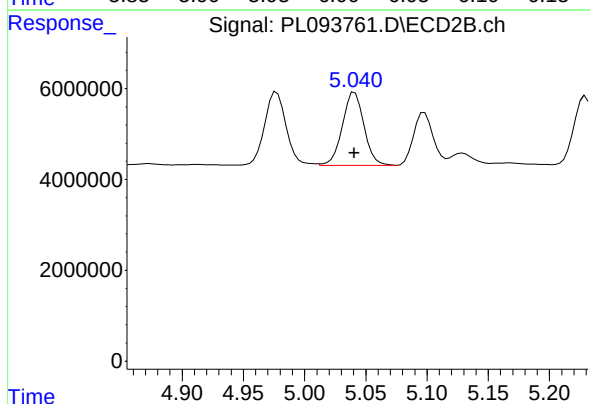
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 15327381
Conc: 5.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-1-012125MSD

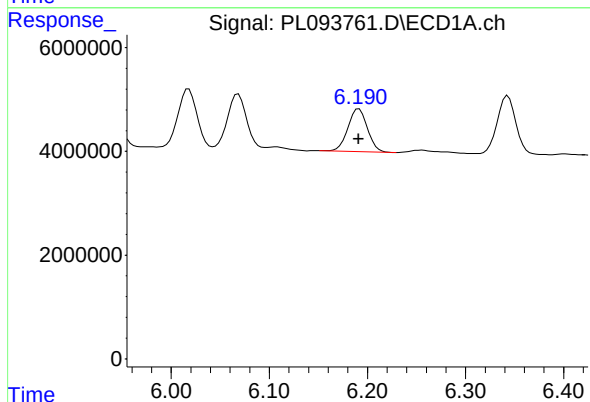
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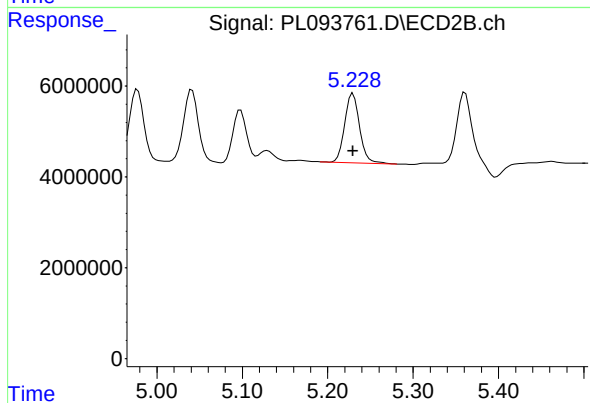
#11 alpha-Chlordane

R.T.: 5.041 min
Delta R.T.: 0.000 min
Response: 19818089
Conc: 4.73 ng/ml



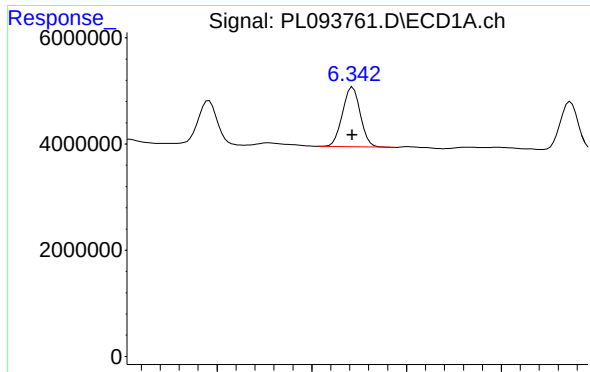
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 11417755
Conc: 4.69 ng/ml



#12 4,4'-DDE

R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 18428603
Conc: 4.60 ng/ml



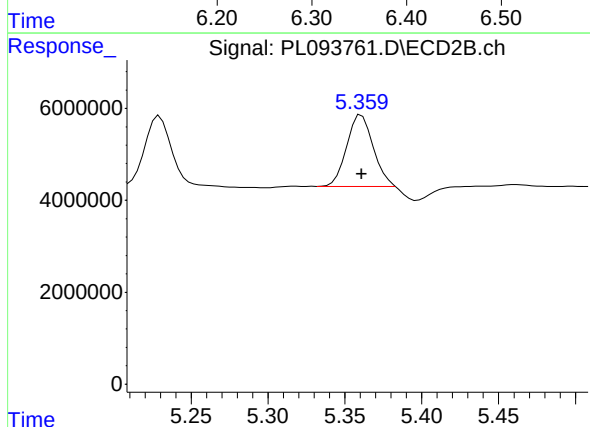
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 14702901
Conc: 5.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
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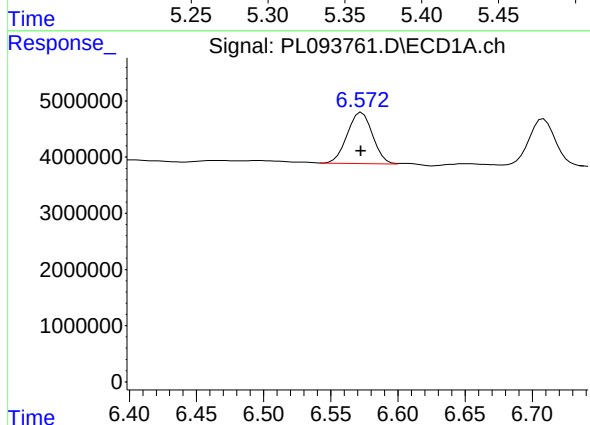
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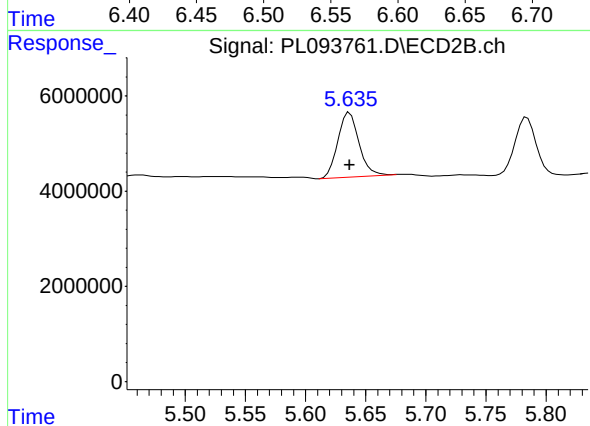
#13 Dieldrin

R.T.: 5.359 min
Delta R.T.: -0.002 min
Response: 18614838
Conc: 4.33 ng/ml m



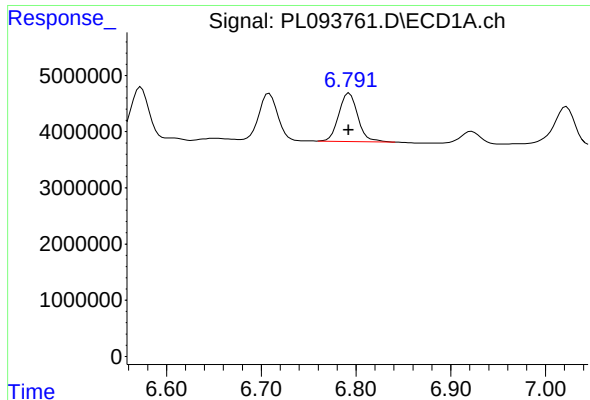
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 11949191
Conc: 5.10 ng/ml m



#14 Endrin

R.T.: 5.635 min
Delta R.T.: -0.001 min
Response: 16741019
Conc: 4.53 ng/ml m



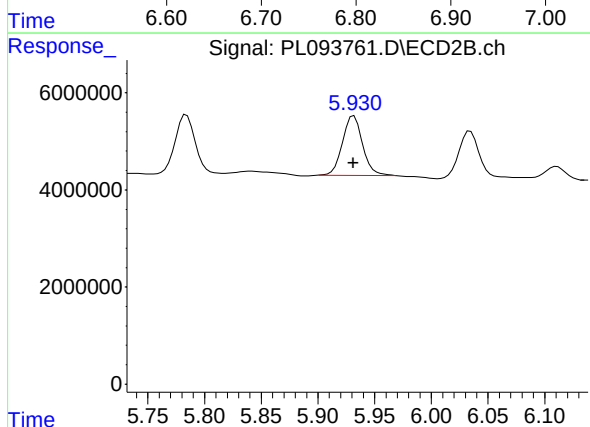
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.000 min
Response: 11929231
Conc: 4.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-1-012125MSD

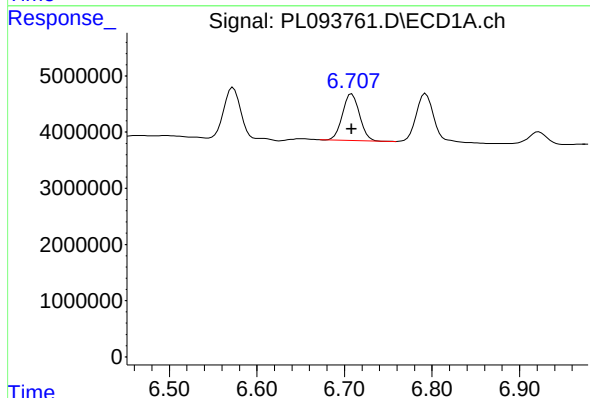
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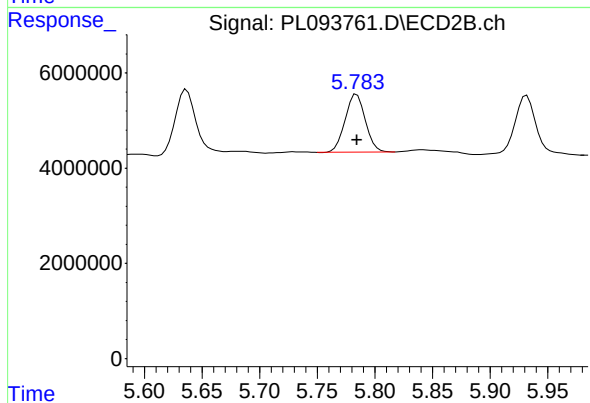
#15 Endosulfan II

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 15147392
Conc: 4.09 ng/ml



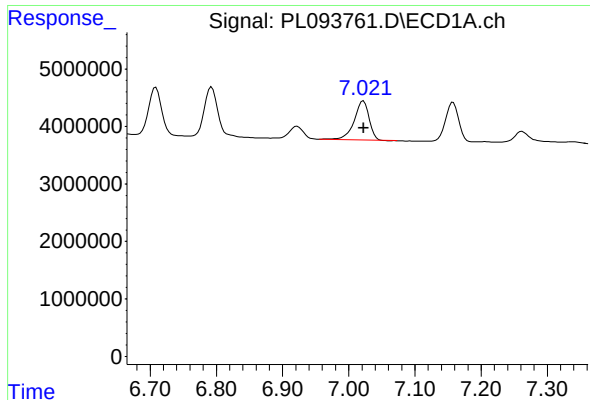
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 11195789
Conc: 5.89 ng/ml



#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 14711669
Conc: 4.66 ng/ml



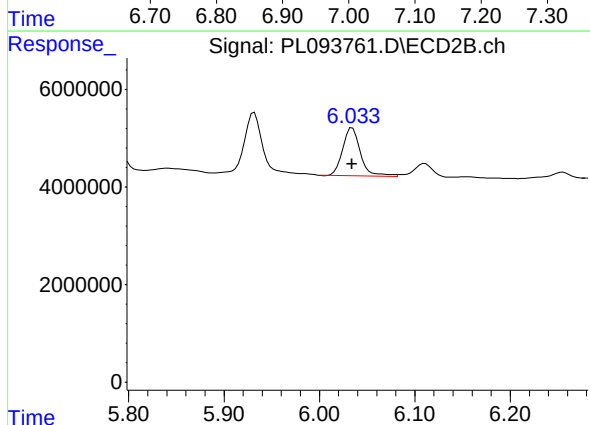
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 10663547
Conc: 5.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
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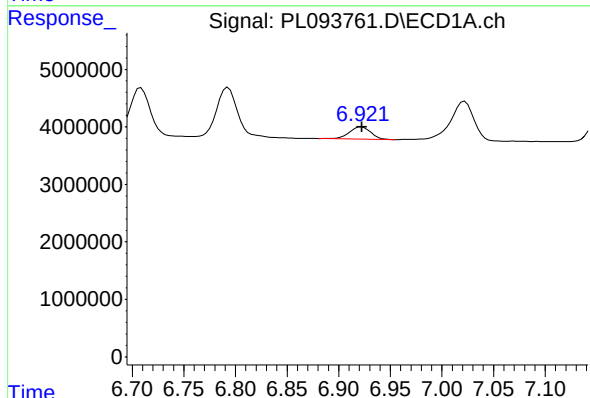
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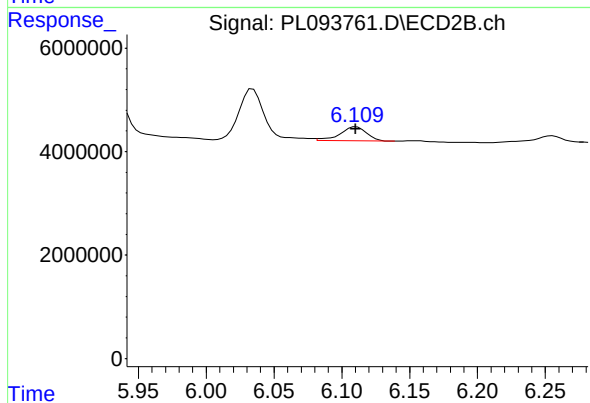
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 12705785
Conc: 3.90 ng/ml



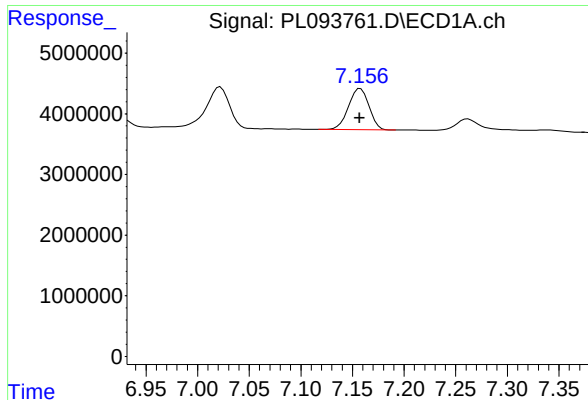
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 3120229
Conc: 1.61 ng/ml



#18 Endrin aldehyde

R.T.: 6.111 min
Delta R.T.: 0.000 min
Response: 3644208
Conc: 1.20 ng/ml



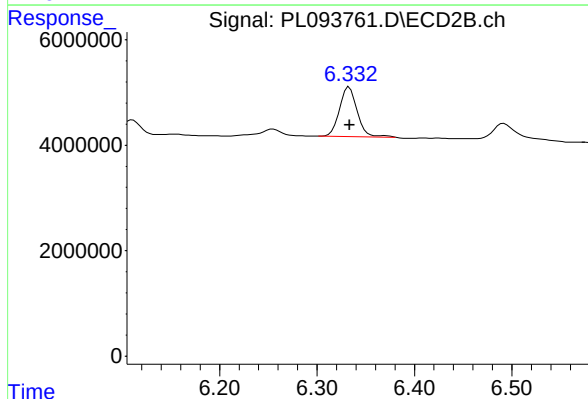
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 9444063
Conc: 4.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
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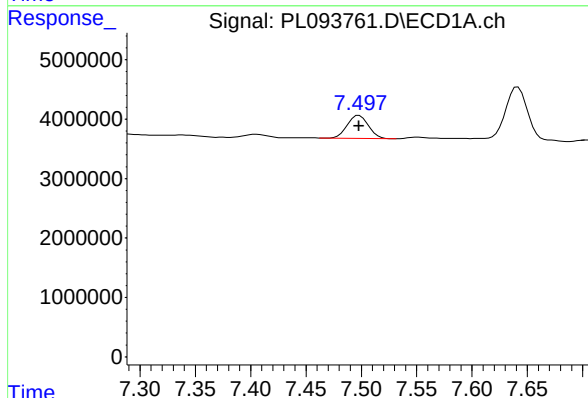
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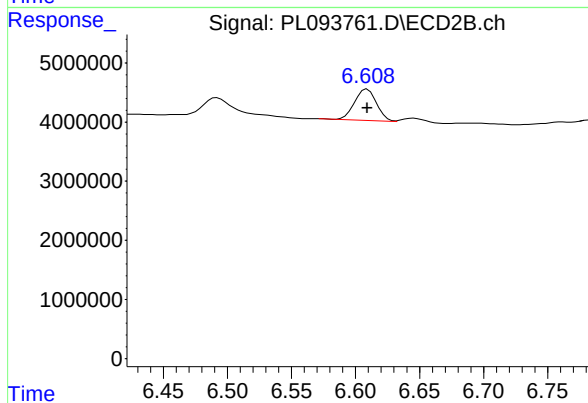
#19 Endosulfan Sulfate

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 11830427
Conc: 3.32 ng/ml



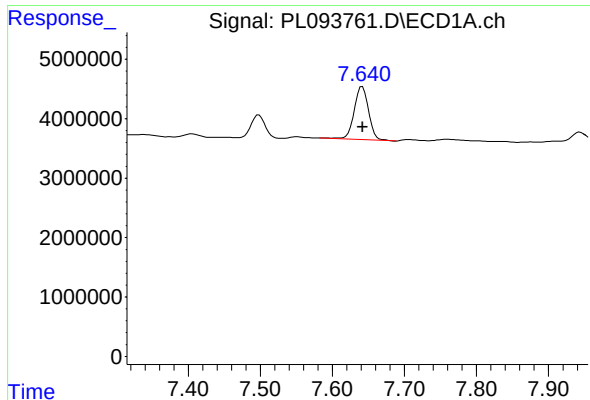
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: 0.000 min
Response: 5167046
Conc: 4.95 ng/ml



#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 6351118
Conc: 3.55 ng/ml



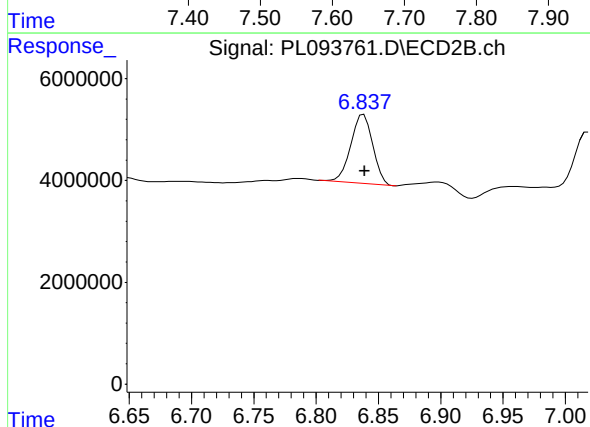
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: 0.000 min
Response: 12303549
Conc: 4.88 ng/ml

Instrument :
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ClientSampleId :
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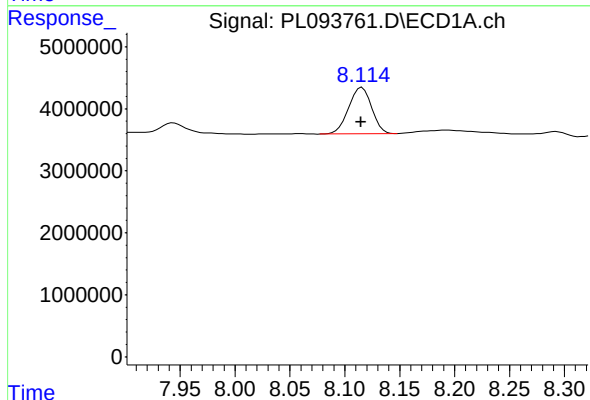
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Supervised By :Sohil Jodhani 01/24/2025



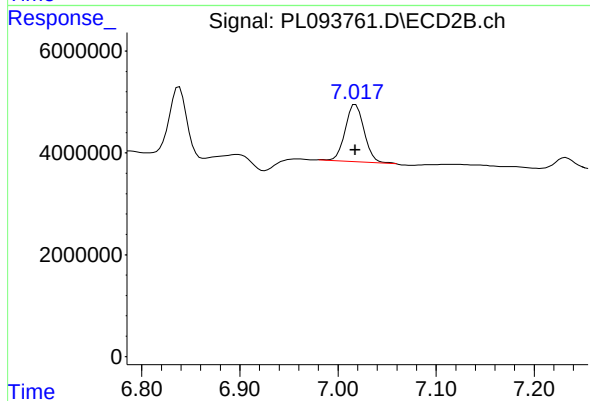
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 16641046
Conc: 3.97 ng/ml



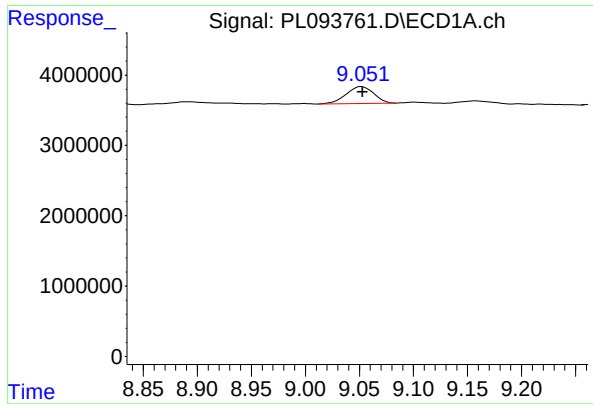
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.001 min
Response: 10904874
Conc: 5.24 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 15052916
Conc: 4.45 ng/ml



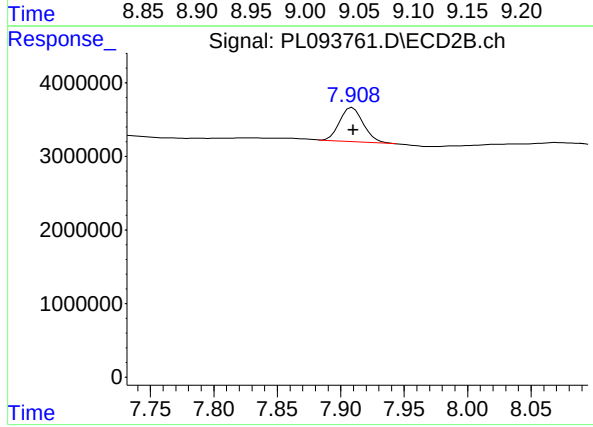
#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: -0.002 min
Response: 4256722
Conc: 2.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PL-1-012125MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/23/2025
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#28 Decachlorobiphenyl

R.T.: 7.908 min
Delta R.T.: -0.002 min
Response: 6020021
Conc: 1.72 ng/ml m