

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013025\
 Data File : PL093882.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jan 2025 11:25
 Operator : AR\AJ
 Sample : Q1209-05MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-5MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/31/2025
 Supervised By :Ankita Jodhani 01/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 31 01:26:48 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...	3.537	2.774	54298616	63192295	20.165m	19.359
28) SA Decachlor...	9.052	7.909	46357656	75226806	22.160	21.468
Target Compounds						
2) A alpha-BHC	3.994	3.276	173.1E6	221.6E6	45.154	45.321
3) MA gamma-BHC...	4.327	3.606	167.1E6	213.3E6	45.364	44.985
4) MA Heptachlor	4.914	3.944	157.1E6	220.9E6	47.947	47.456
5) MB Aldrin	5.257	4.224	148.7E6	206.7E6	45.461	45.316
6) B beta-BHC	4.525	3.907	76341073	93771456	47.496	46.946
7) B delta-BHC	4.772	4.135	161.5E6	213.6E6	46.075	44.961
8) B Heptachlo...	5.683	4.726	135.7E6	197.3E6	45.644	47.209
9) A Endosulfan I	6.068	5.096	125.1E6	188.2E6	47.326	48.554
10) B gamma-Chl...	5.939	4.975	133.3E6	206.9E6	47.808	48.833m
11) B alpha-Chl...	6.018	5.040	133.5E6	204.6E6	47.863	48.869
12) B 4,4'-DDE	6.191	5.229	122.0E6	198.9E6	50.103	49.597
13) MA Dieldrin	6.343	5.361	130.9E6	206.5E6	47.156	48.075
14) MA Endrin	6.571	5.634	112.7E6	184.5E6	48.066m	49.956m
15) B Endosulfa...	6.793	5.931	115.6E6	183.6E6	47.980	49.584
16) A 4,4'-DDD	6.710	5.784	99954068	160.3E6	52.592	50.777
17) MA 4,4'-DDT	7.022	6.033	103.3E6	171.4E6	52.358	52.683
18) B Endrin al...	6.923	6.109	91291886	143.0E6	46.960	46.963
19) B Endosulfa...	7.158	6.333	110.3E6	177.5E6	48.718	49.777
20) A Methoxychlor	7.499	6.609	55766904	91757536	53.447	51.315
21) B Endrin ke...	7.642	6.838	125.7E6	206.8E6	49.826	49.285
22) Mirex	8.115	7.018	97246286	161.1E6	46.697	47.643

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013025\
Data File : PL093882.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jan 2025 11:25
Operator : AR\AJ
Sample : Q1209-05MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

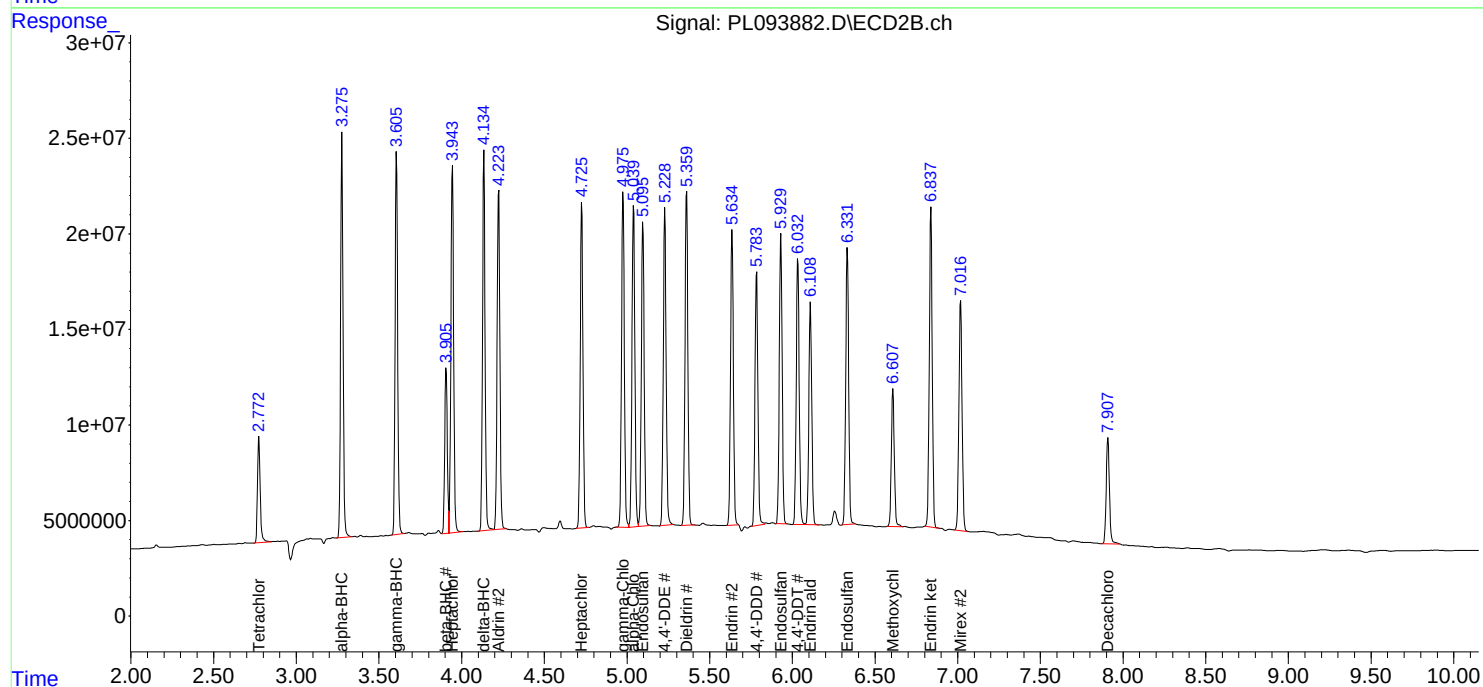
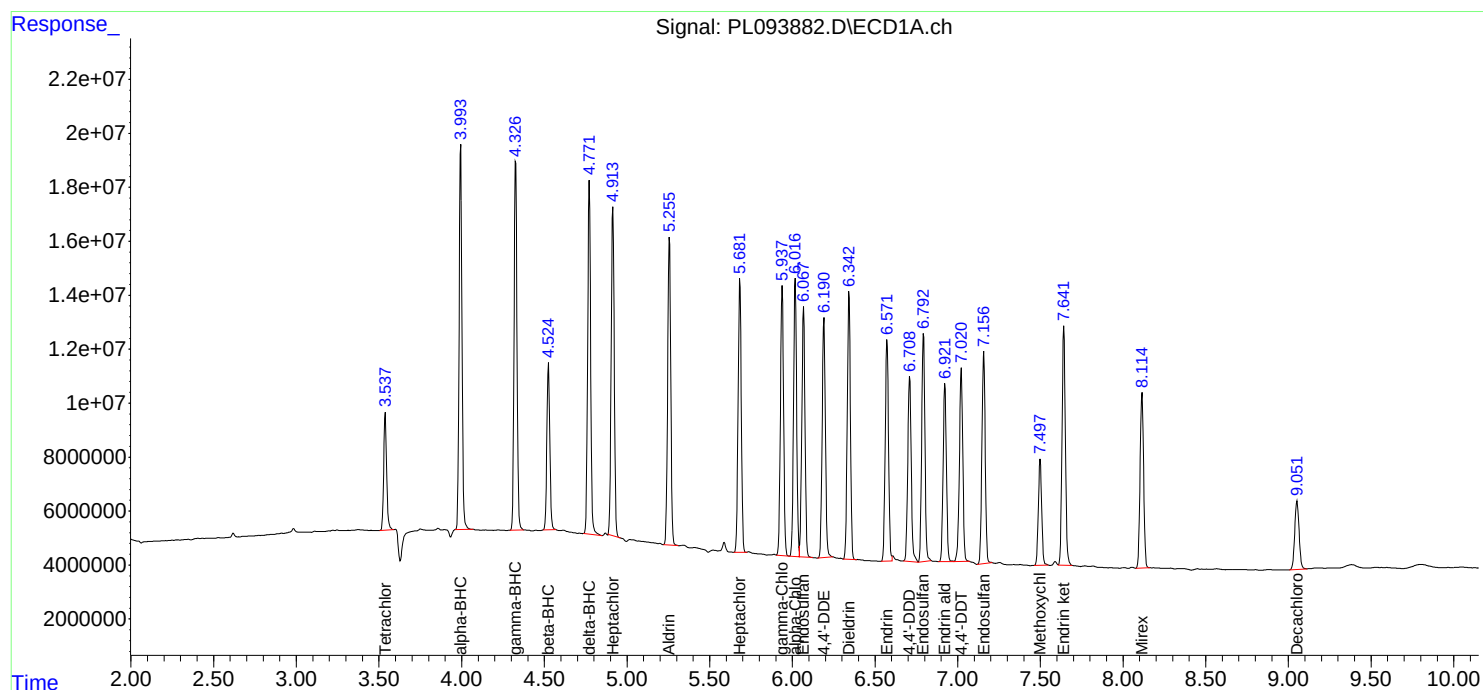
Instrument :
ECD_L
ClientSampleId :
WC-5MS

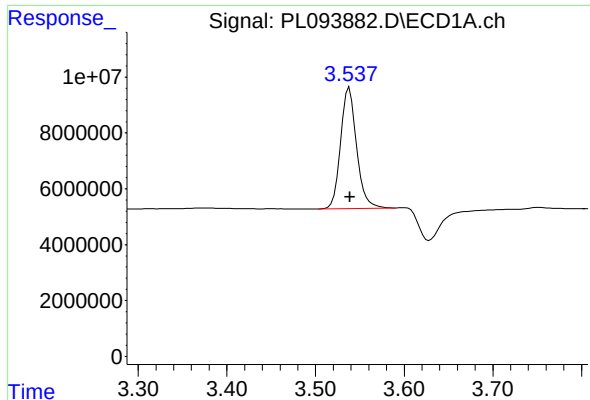
Manual Integrations
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Supervised By :Ankita Jodhani 01/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 31 01:26:48 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





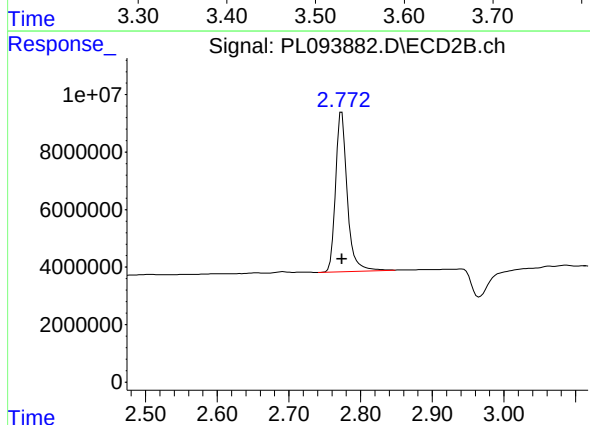
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.002 min
Response: 54298616
Conc: 20.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

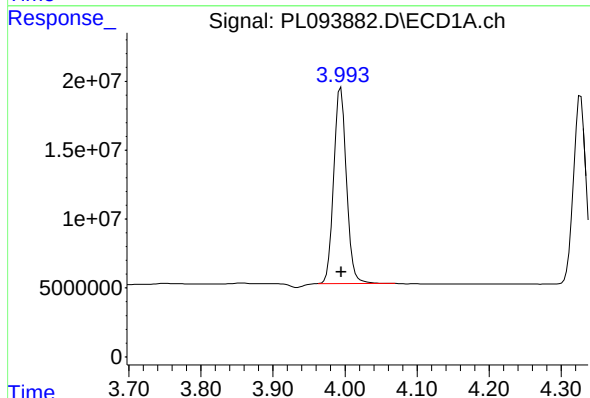
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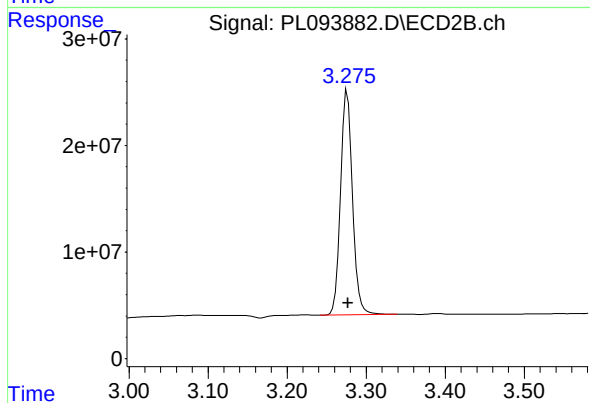
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 63192295
Conc: 19.36 ng/ml



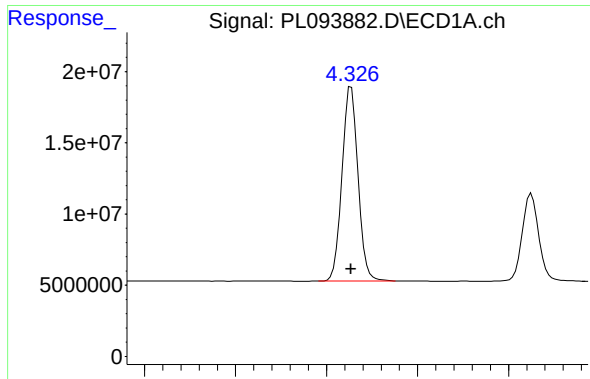
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 173115071
Conc: 45.15 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 221575032
Conc: 45.32 ng/ml



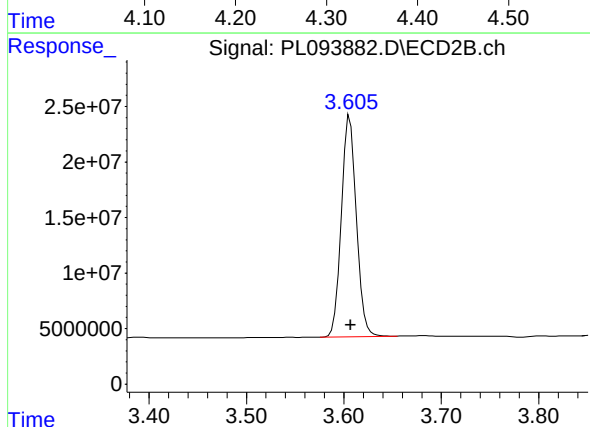
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 167067719
Conc: 45.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

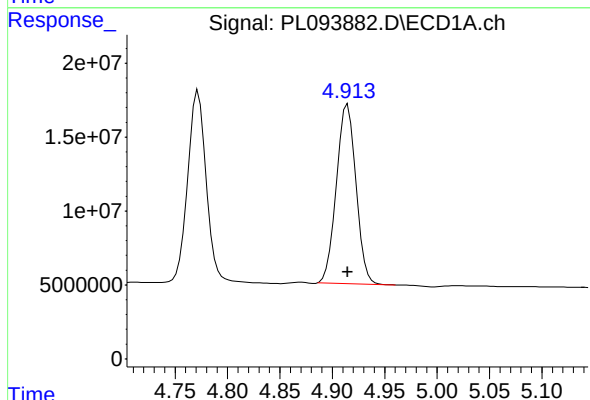
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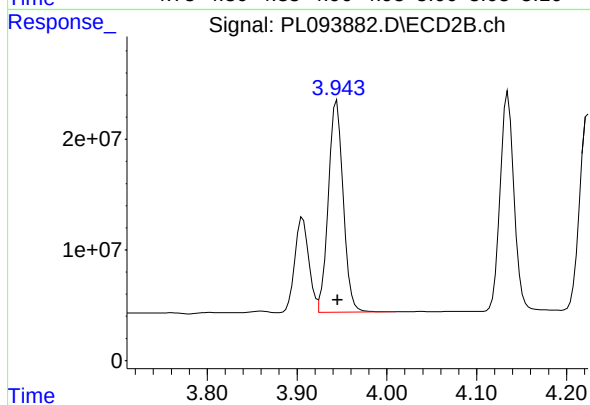
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 213282860
Conc: 44.98 ng/ml



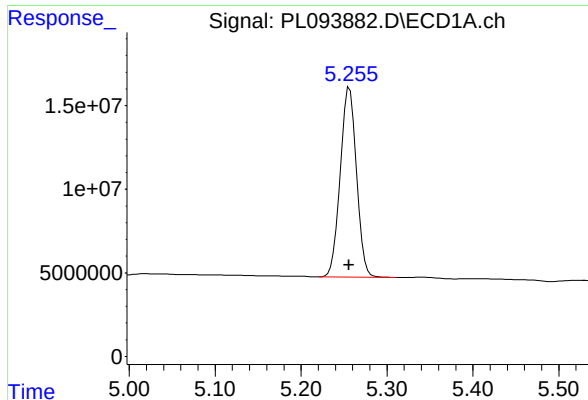
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 157138102
Conc: 47.95 ng/ml



#4 Heptachlor

R.T.: 3.944 min
Delta R.T.: 0.000 min
Response: 220897978
Conc: 47.46 ng/ml



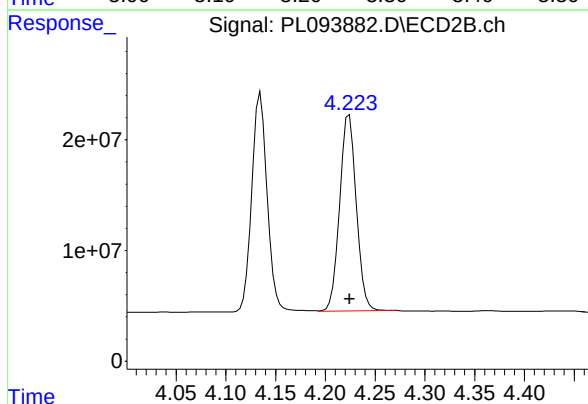
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 148745853
Conc: 45.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

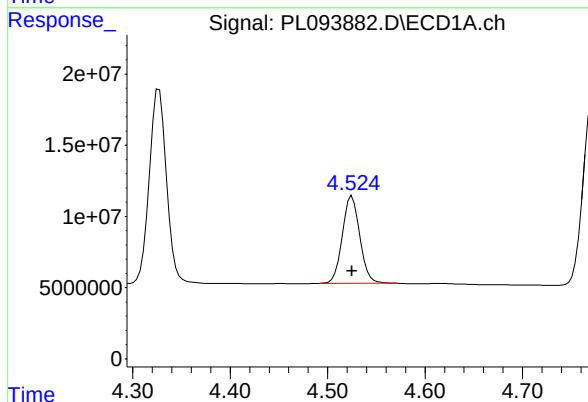
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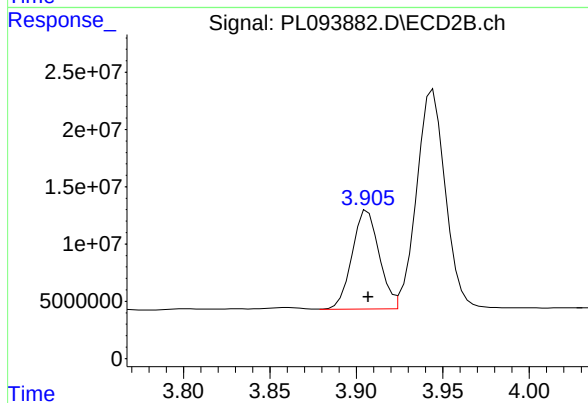
#5 Aldrin

R.T.: 4.224 min
Delta R.T.: 0.000 min
Response: 206723211
Conc: 45.32 ng/ml



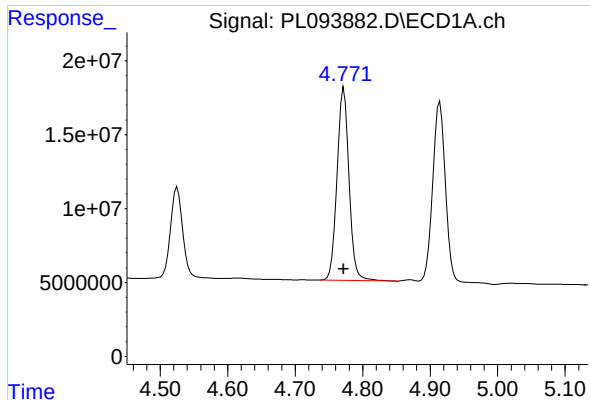
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 76341073
Conc: 47.50 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 93771456
Conc: 46.95 ng/ml



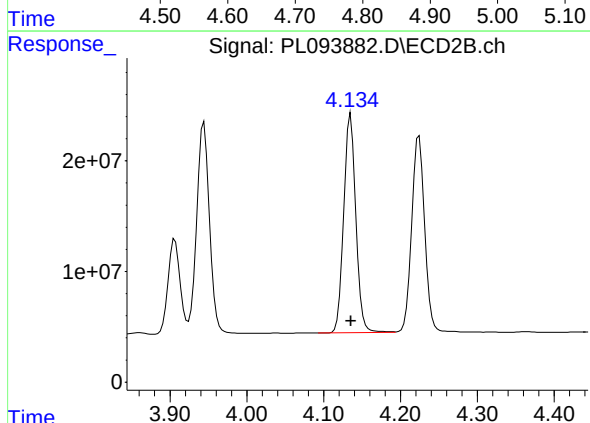
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 161504577
Conc: 46.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

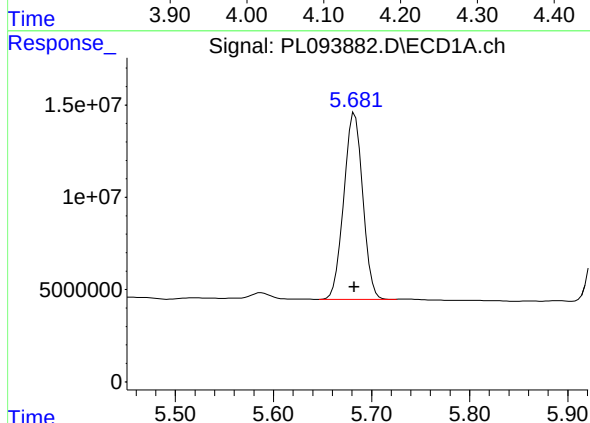
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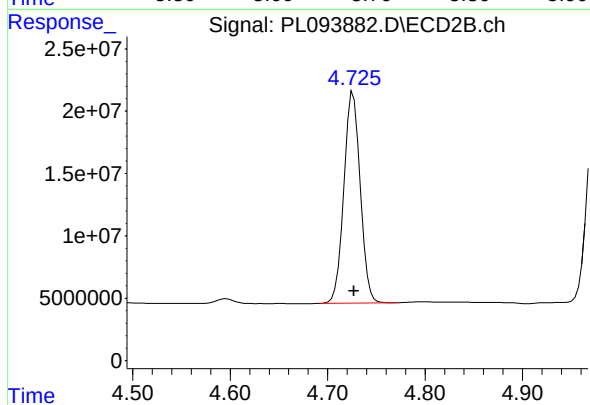
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: 0.000 min
Response: 213618656
Conc: 44.96 ng/ml



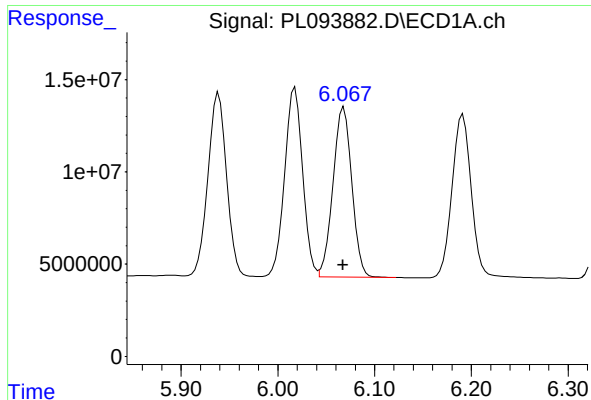
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 135735938
Conc: 45.64 ng/ml



#8 Heptachlor epoxide

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 197343930
Conc: 47.21 ng/ml



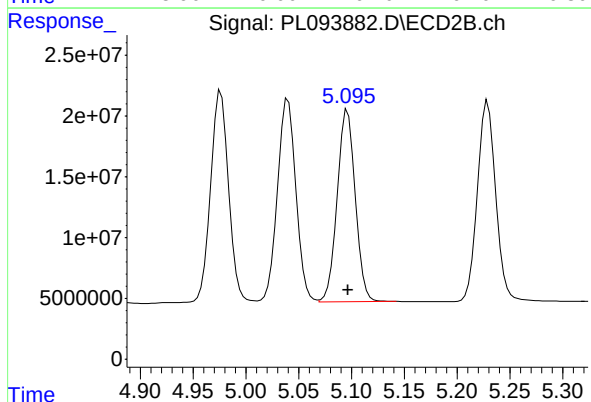
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 125076384
Conc: 47.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

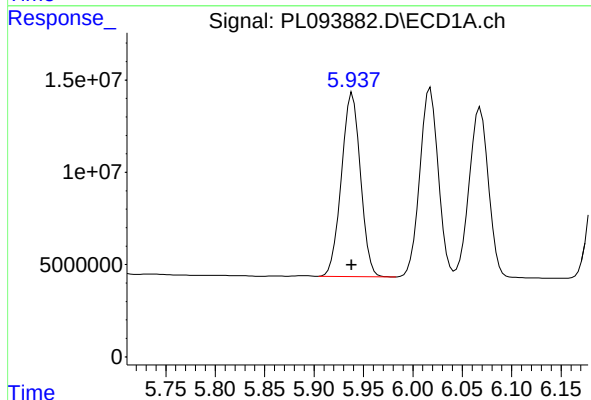
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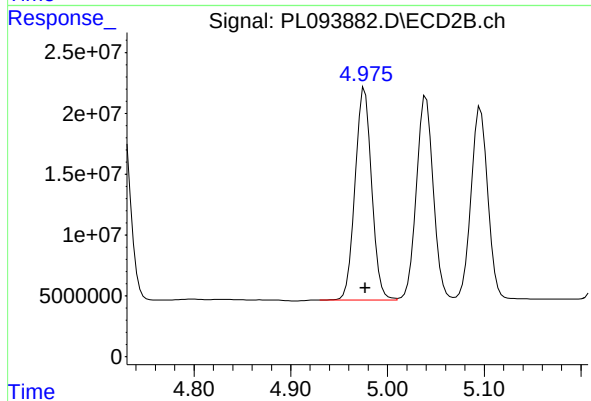
#9 Endosulfan I

R.T.: 5.096 min
Delta R.T.: 0.000 min
Response: 188239219
Conc: 48.55 ng/ml



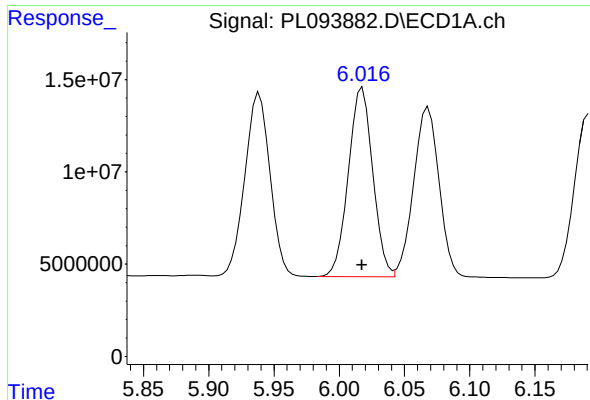
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 133258865
Conc: 47.81 ng/ml



#10 gamma-Chlordane

R.T.: 4.975 min
Delta R.T.: -0.002 min
Response: 206934576
Conc: 48.83 ng/ml m



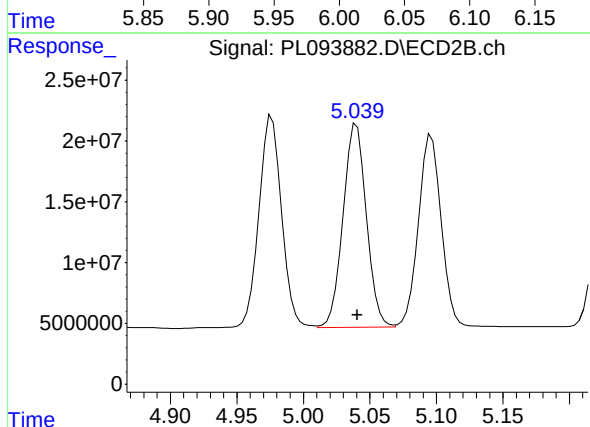
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 133461844
Conc: 47.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

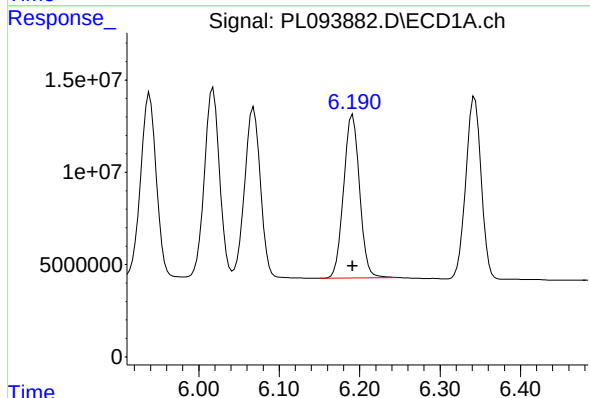
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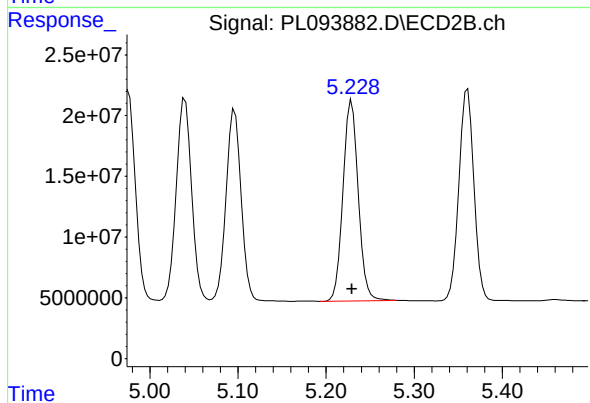
#11 alpha-Chlordane

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 204595068
Conc: 48.87 ng/ml



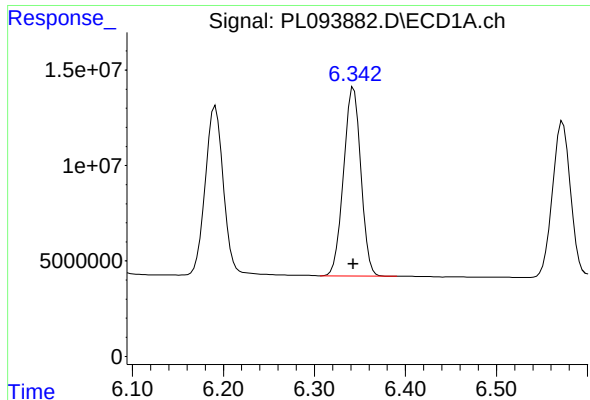
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 121981041
Conc: 50.10 ng/ml



#12 4,4'-DDE

R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 198857798
Conc: 49.60 ng/ml



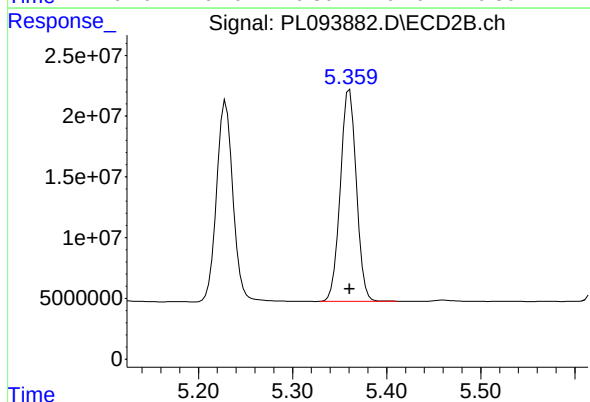
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 130897669
Conc: 47.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

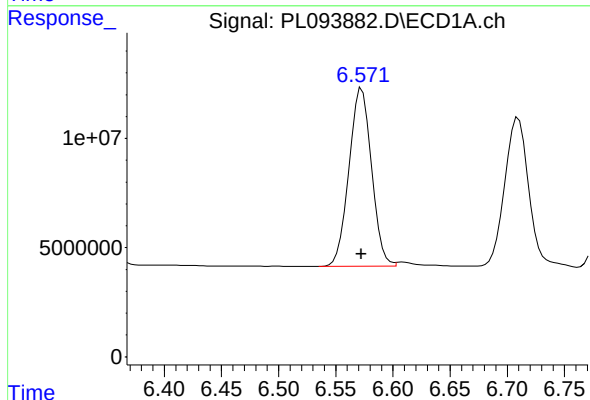
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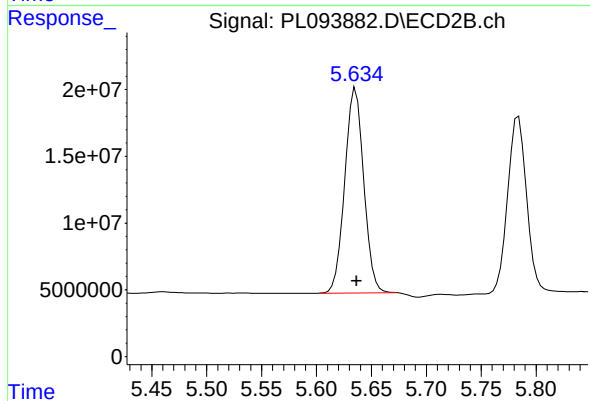
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 206514382
Conc: 48.08 ng/ml



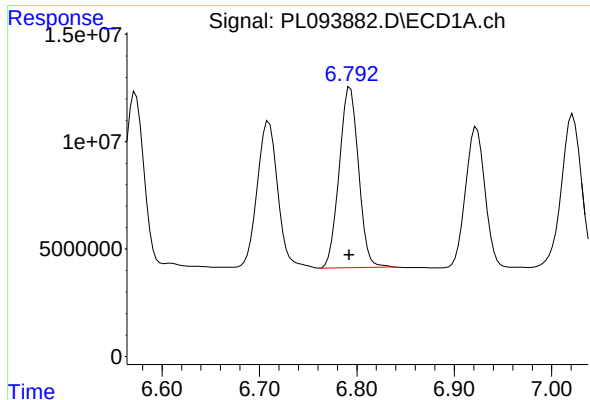
#14 Endrin

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 112705734
Conc: 48.07 ng/ml m



#14 Endrin

R.T.: 5.634 min
Delta R.T.: -0.002 min
Response: 184471898
Conc: 49.96 ng/ml m



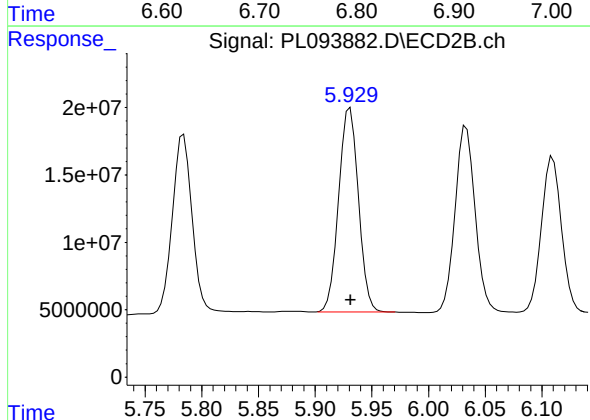
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.001 min
Response: 115599992
Conc: 47.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

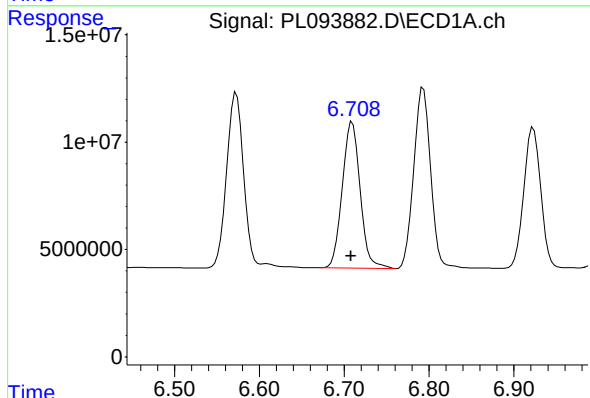
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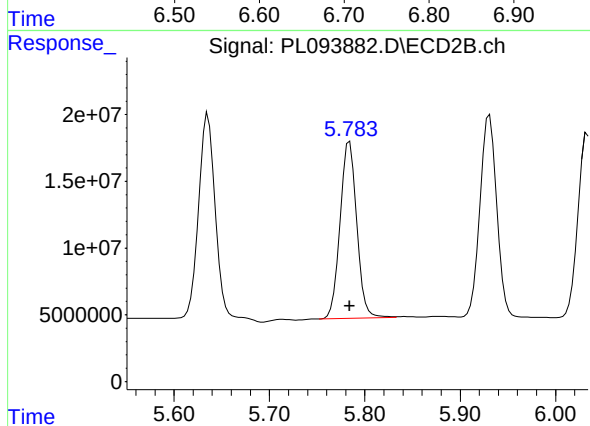
#15 Endosulfan II

R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 183649791
Conc: 49.58 ng/ml



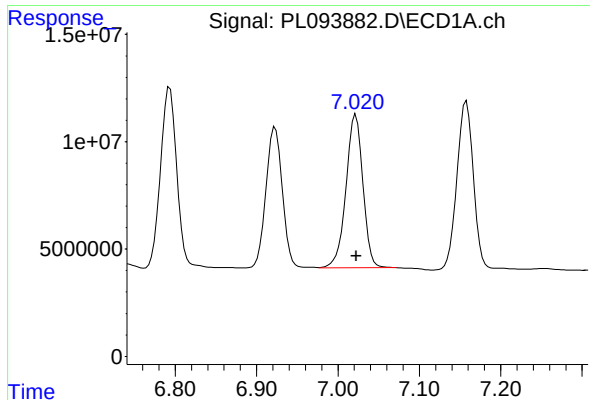
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.001 min
Response: 99954068
Conc: 52.59 ng/ml



#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 160280142
Conc: 50.78 ng/ml



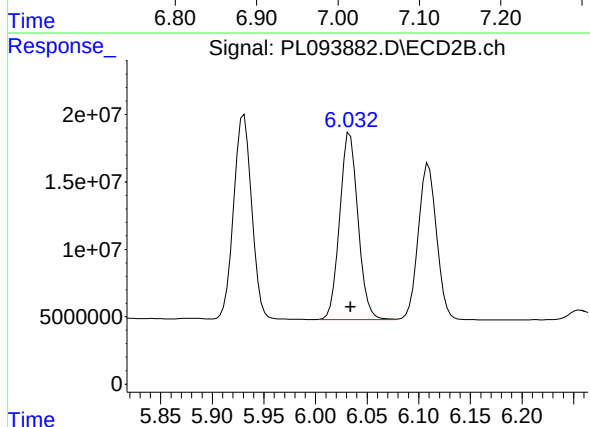
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 103253127
Conc: 52.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

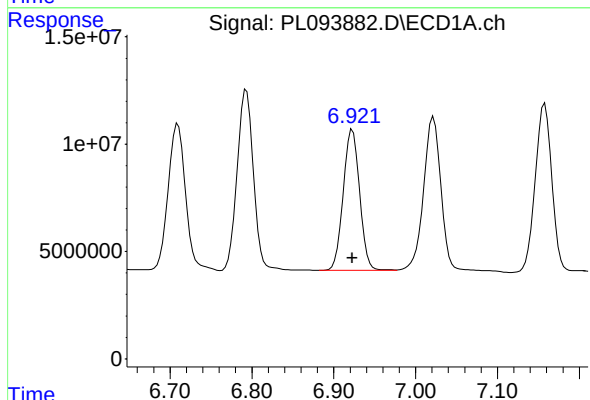
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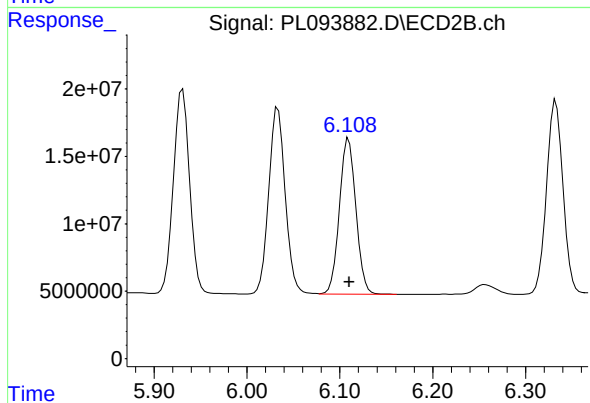
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 171431239
Conc: 52.68 ng/ml



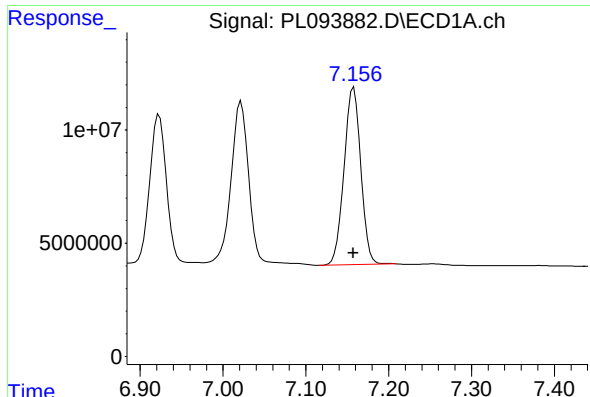
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 91291886
Conc: 46.96 ng/ml



#18 Endrin aldehyde

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 142986413
Conc: 46.96 ng/ml



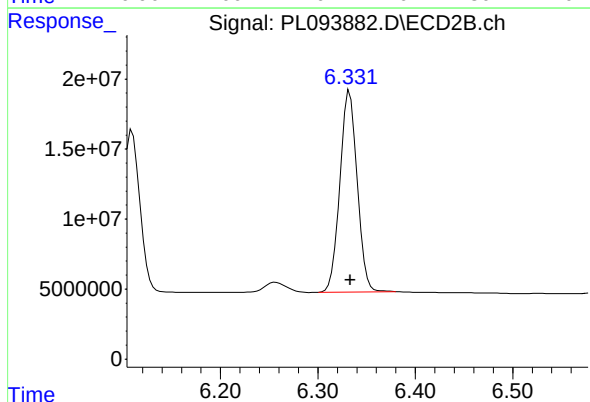
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 110284872
Conc: 48.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

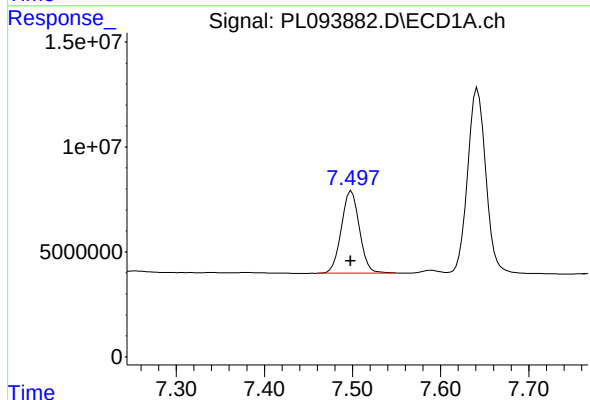
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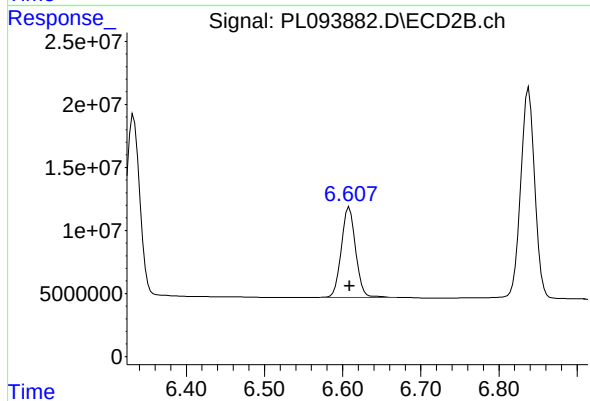
#19 Endosulfan Sulfate

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 177507438
Conc: 49.78 ng/ml



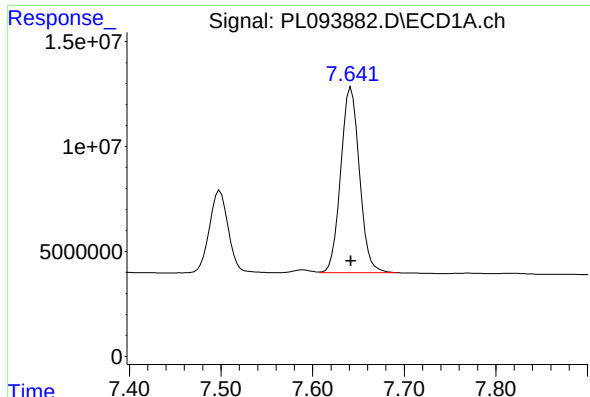
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.001 min
Response: 55766904
Conc: 53.45 ng/ml



#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 91757536
Conc: 51.31 ng/ml



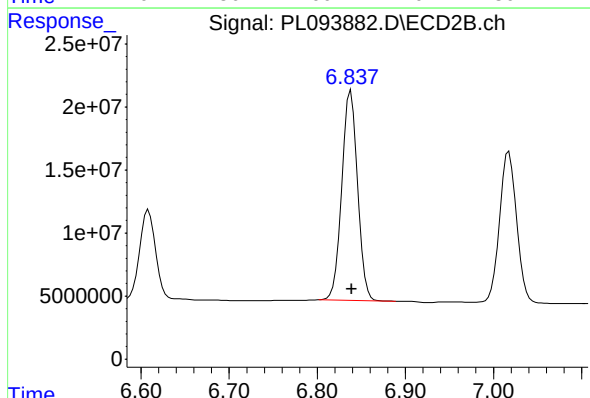
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 125692737
Conc: 49.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

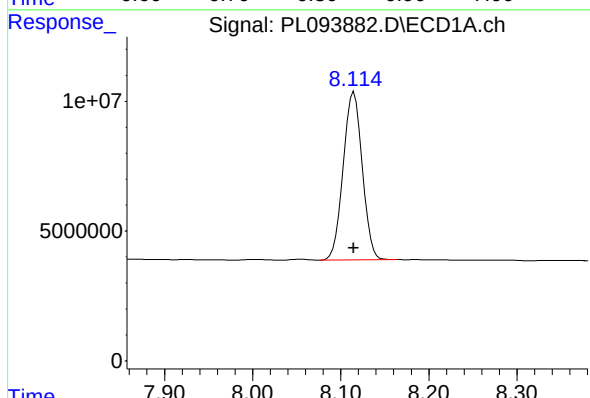
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Supervised By :Ankita Jodhani 01/31/2025



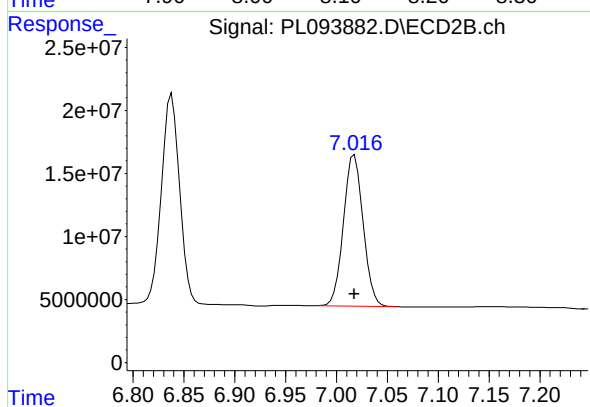
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 206763727
Conc: 49.29 ng/ml



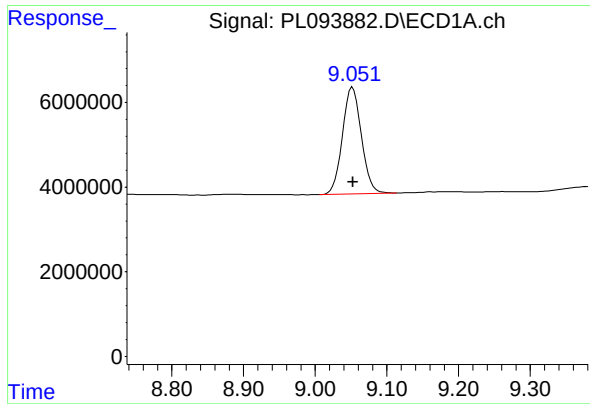
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 97246286
Conc: 46.70 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 161121920
Conc: 47.64 ng/ml



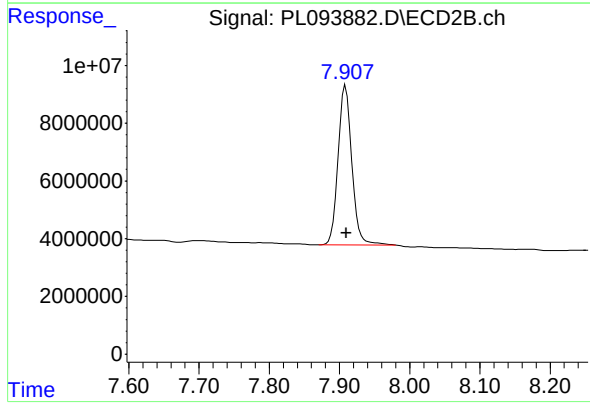
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: 0.000 min
Response: 46357656
Conc: 22.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/31/2025
Supervised By :Ankita Jodhani 01/31/2025



#28 Decachlorobiphenyl

R.T.: 7.909 min
Delta R.T.: -0.001 min
Response: 75226806
Conc: 21.47 ng/ml