

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012225\
 Data File : PL093755.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jan 2025 10:44
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

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 00:20:19 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...	3.539	2.775	130.6E6	159.0E6	48.498	48.717
28)	SA Decachlor...	9.055	7.910	102.2E6	169.6E6	48.846	48.391
Target Compounds							
2)	A alpha-BHC	3.995	3.278	183.5E6	243.6E6	47.868	49.829
3)	MA gamma-BHC...	4.327	3.608	176.9E6	237.1E6	48.026	50.017
4)	MA Heptachlor	4.915	3.946	157.9E6	230.6E6	48.164	49.541
5)	MB Aldrin	5.256	4.225	155.1E6	227.1E6	47.391	49.777
6)	B beta-BHC	4.526	3.907	77086828	98400902	47.960	49.264
7)	B delta-BHC	4.773	4.136	169.4E6	236.7E6	48.325	49.811
8)	B Heptachlo...	5.683	4.727	140.0E6	208.1E6	47.074	49.788
9)	A Endosulfan I	6.069	5.097	124.8E6	190.5E6	47.210	49.125
10)	B gamma-Chl...	5.939	4.977	133.2E6	211.8E6	47.782	49.987
11)	B alpha-Chl...	6.018	5.041	133.4E6	209.0E6	47.854	49.923
12)	B 4,4'-DDE	6.191	5.230	120.8E6	204.1E6	49.631	50.900
13)	MA Dieldrin	6.343	5.361	132.0E6	212.7E6	47.552	49.525
14)	MA Endrin	6.572	5.636	109.8E6	179.9E6	46.810m	48.717
15)	B Endosulfa...	6.794	5.931	114.5E6	184.3E6	47.525	49.770
16)	A 4,4'-DDD	6.709	5.785	96930175	165.5E6	51.001	52.421
17)	MA 4,4'-DDT	7.023	6.034	99236152	168.1E6	50.321	51.658
18)	B Endrin al...	6.924	6.111	94624299	150.4E6	48.674	49.391
19)	B Endosulfa...	7.158	6.334	108.7E6	176.8E6	48.006	49.576
20)	A Methoxychlor	7.499	6.609	54142347	88032013	51.890	49.231
21)	B Endrin ke...	7.643	6.838	122.9E6	207.2E6	48.721	49.393
22)	Mirex	8.116	7.019	99253043	168.9E6	47.661	49.936

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012225\
Data File : PL093755.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Jan 2025 10:44
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

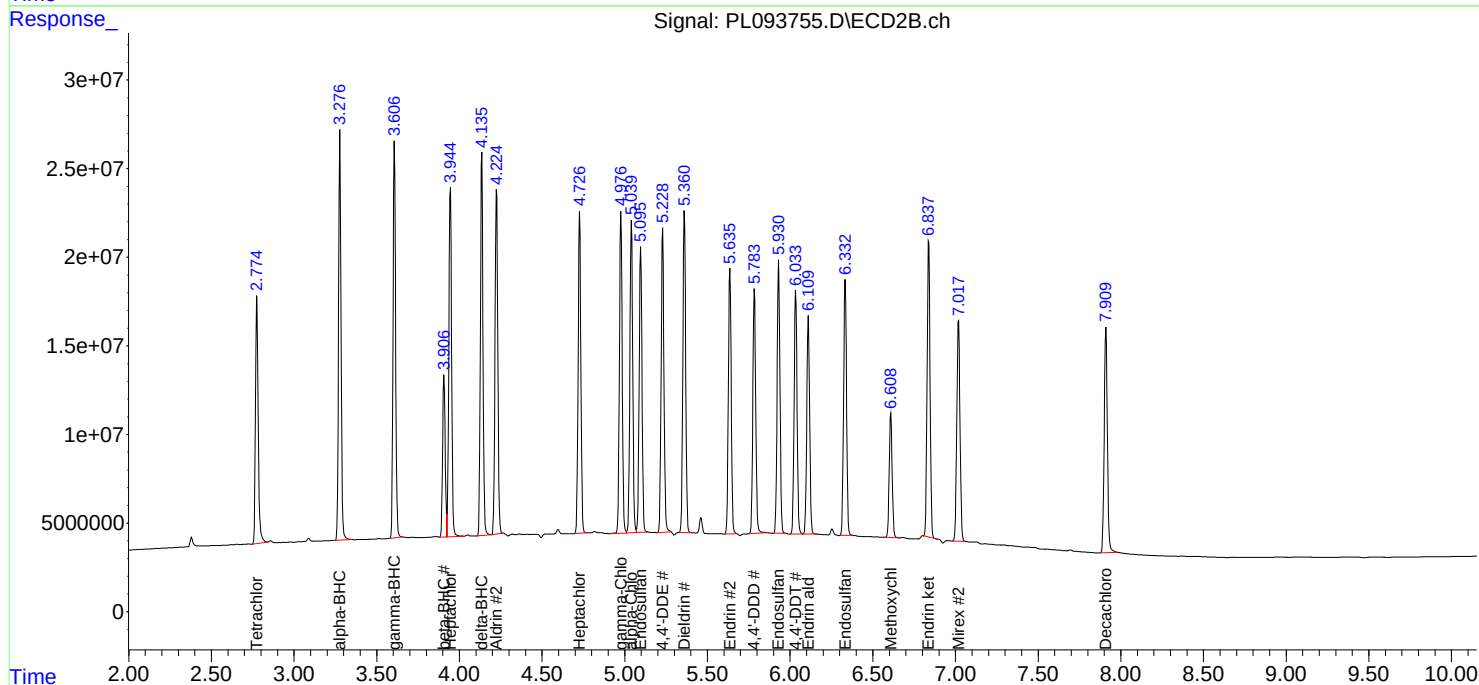
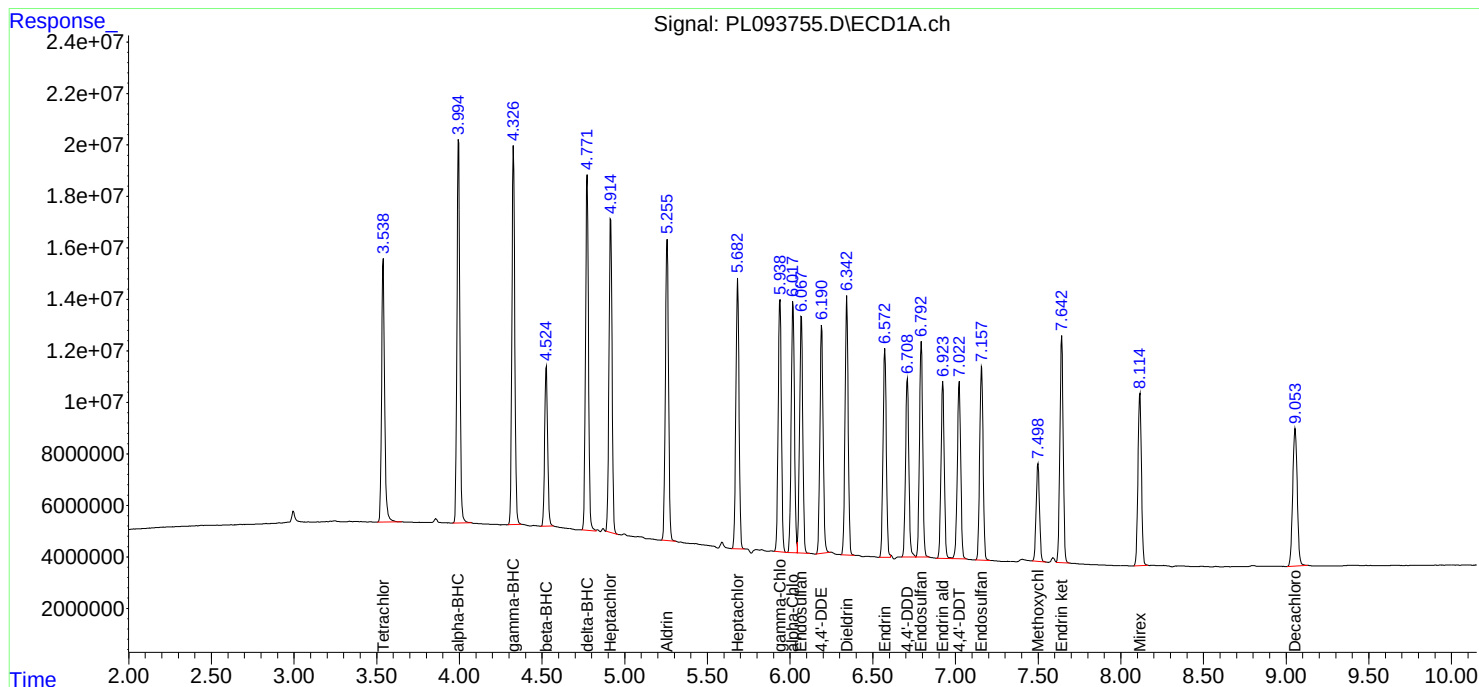
APPROVED

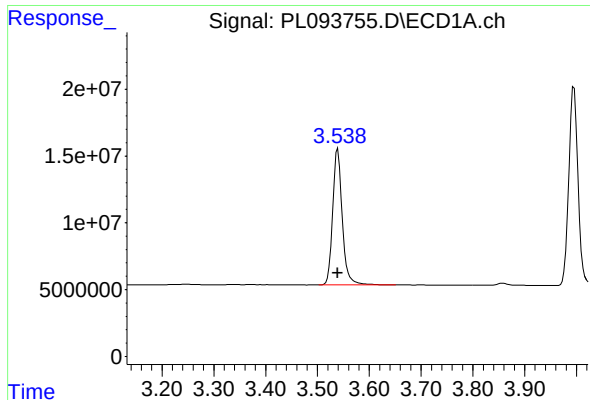
Reviewed By :Abdul Mirza 01/23/2025

Supervised By :Sohil Jodhani 01/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 23 00:20:19 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.: 3.539 min
Delta R.T.: 0.000 min
Response: 130594809
Conc: 48.50 ng/ml

Instrument :

ECD_L

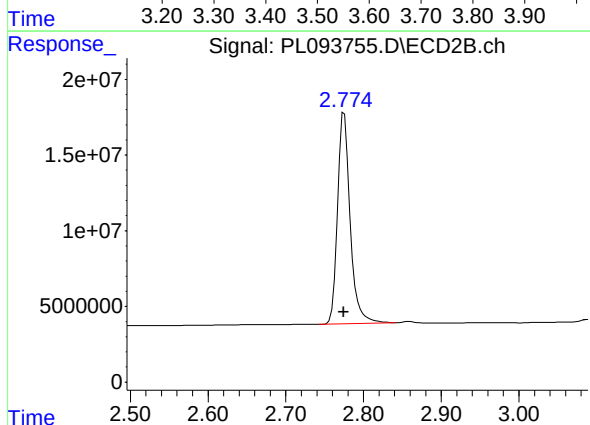
ClientSampleId :

PSTDCCC050

Manual Integrations

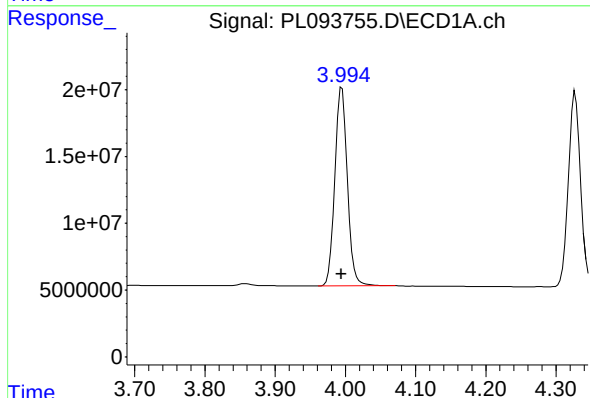
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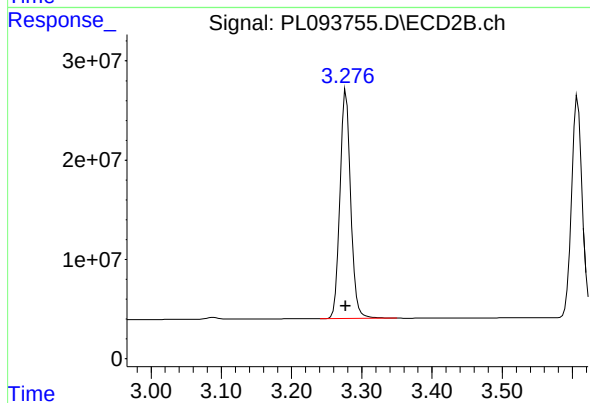
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: 0.000 min
Response: 159019428
Conc: 48.72 ng/ml



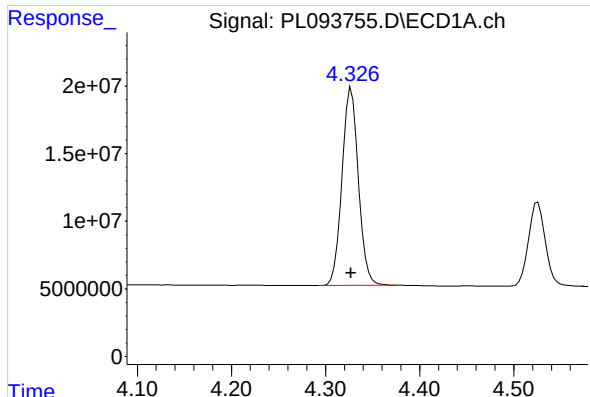
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 183518988
Conc: 47.87 ng/ml



#2 alpha-BHC

R.T.: 3.278 min
Delta R.T.: 0.000 min
Response: 243615130
Conc: 49.83 ng/ml



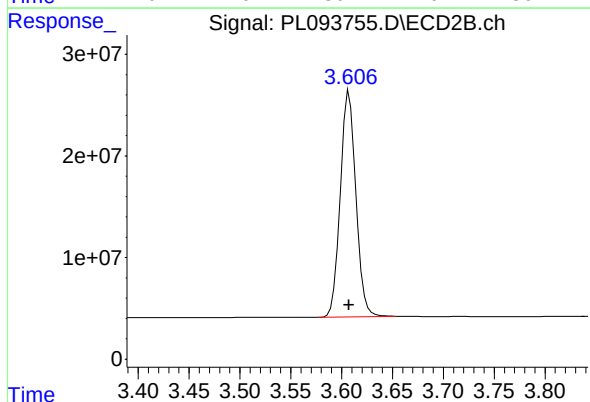
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 176872727
Conc: 48.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

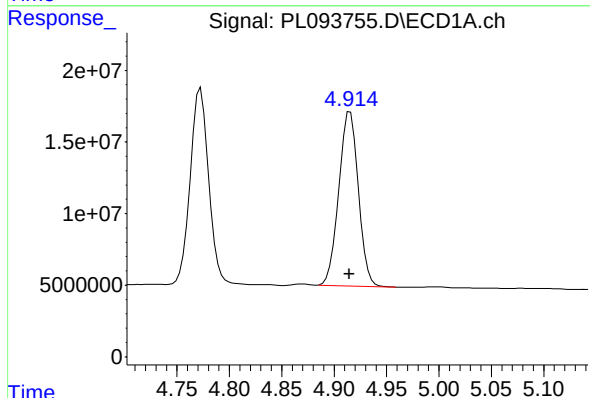
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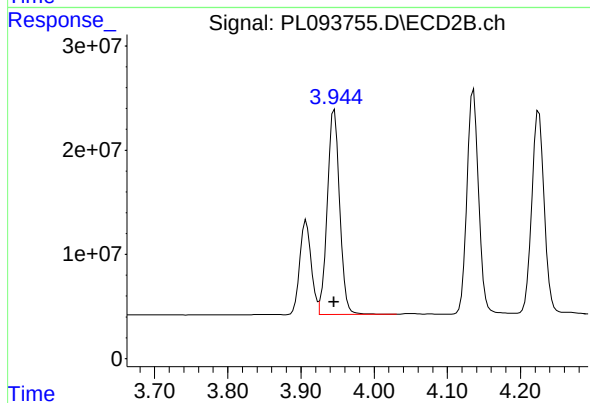
#3 gamma-BHC (Lindane)

R.T.: 3.608 min
Delta R.T.: 0.000 min
Response: 237140995
Conc: 50.02 ng/ml



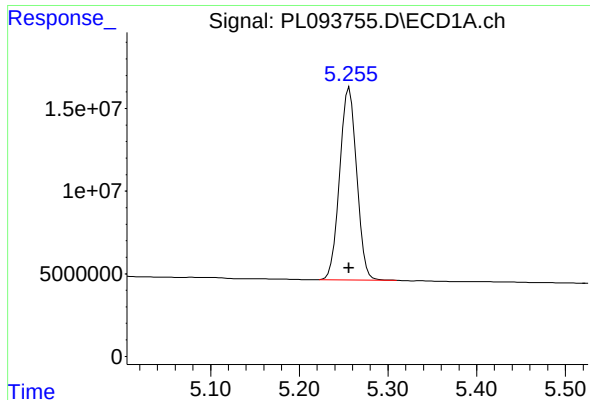
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 157850030
Conc: 48.16 ng/ml



#4 Heptachlor

R.T.: 3.946 min
Delta R.T.: 0.000 min
Response: 230603678
Conc: 49.54 ng/ml



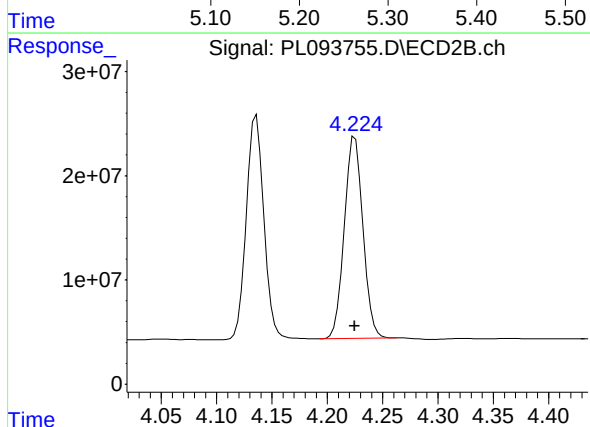
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 155062761
Conc: 47.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

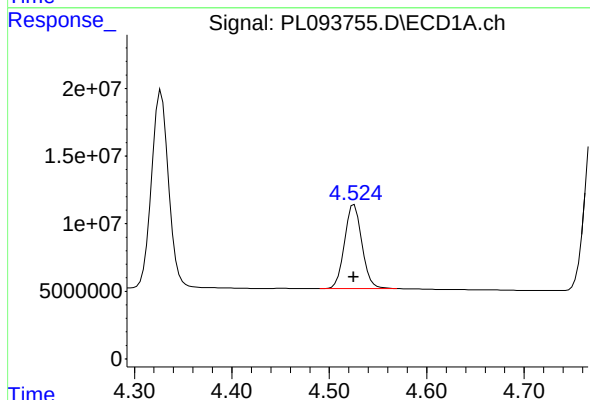
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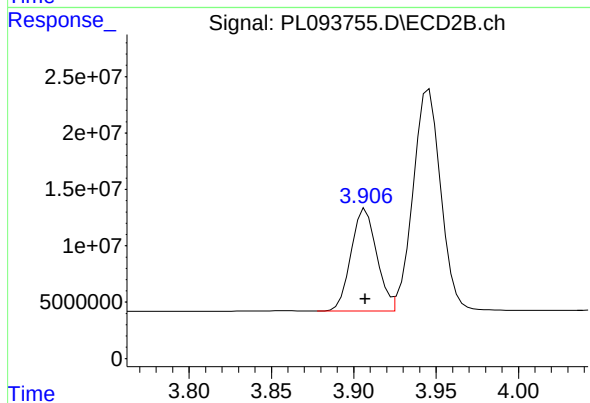
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: 0.000 min
Response: 227074358
Conc: 49.78 ng/ml



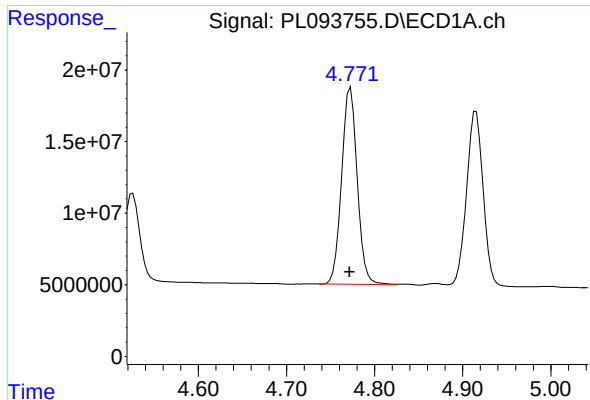
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 77086828
Conc: 47.96 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 98400902
Conc: 49.26 ng/ml



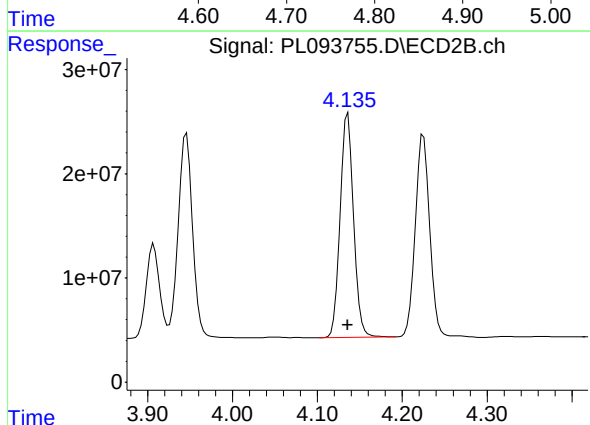
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: 0.000 min
Response: 169393173
Conc: 48.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

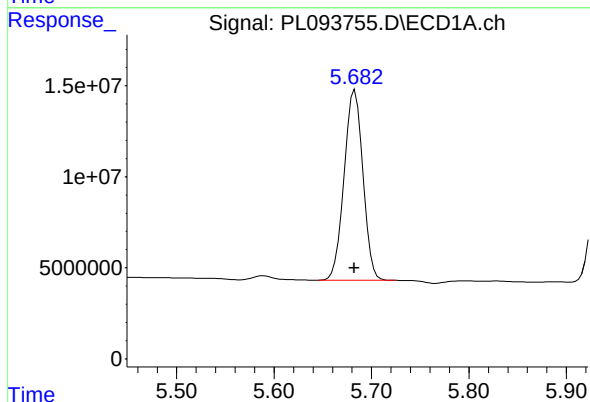
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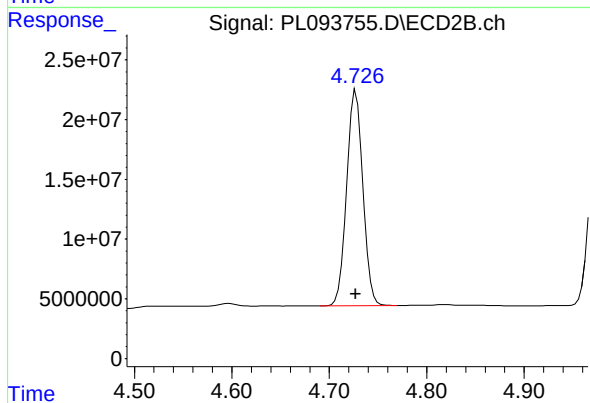
#7 delta-BHC

R.T.: 4.136 min
Delta R.T.: 0.000 min
Response: 236663826
Conc: 49.81 ng/ml



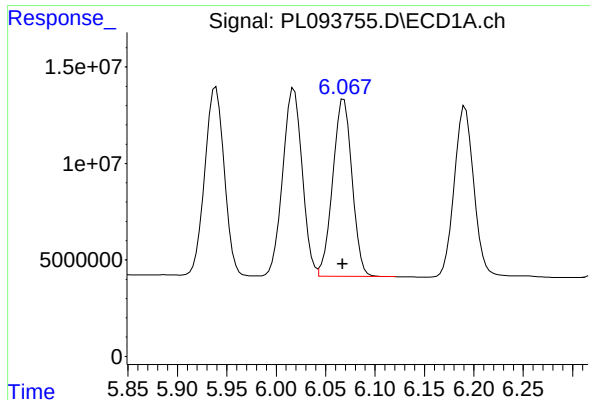
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 139990222
Conc: 47.07 ng/ml



#8 Heptachlor epoxide

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 208127092
Conc: 49.79 ng/ml



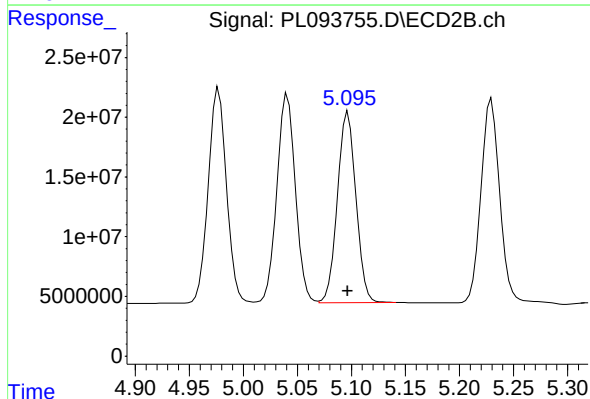
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.001 min
Response: 124769856
Conc: 47.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

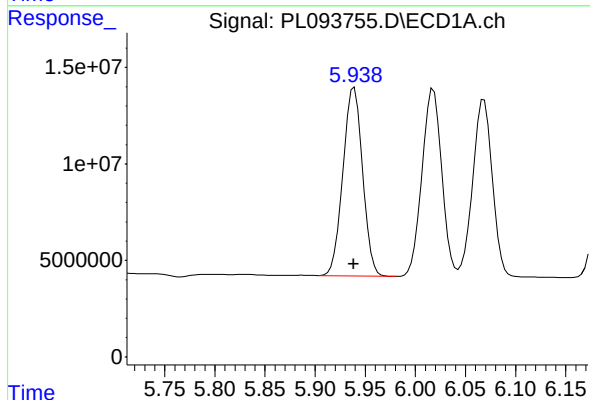
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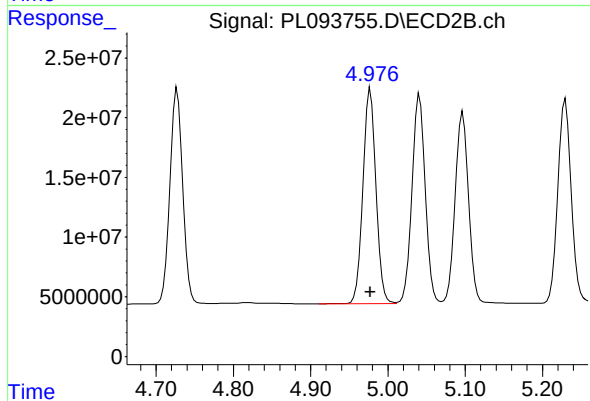
#9 Endosulfan I

R.T.: 5.097 min
Delta R.T.: 0.000 min
Response: 190452341
Conc: 49.12 ng/ml



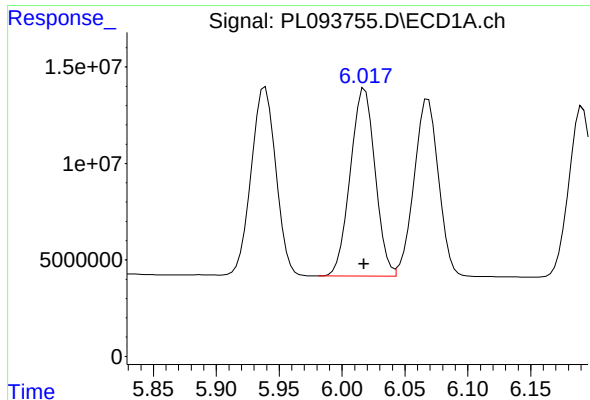
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 133186006
Conc: 47.78 ng/ml



#10 gamma-Chlordane

R.T.: 4.977 min
Delta R.T.: 0.000 min
Response: 211826634
Conc: 49.99 ng/ml



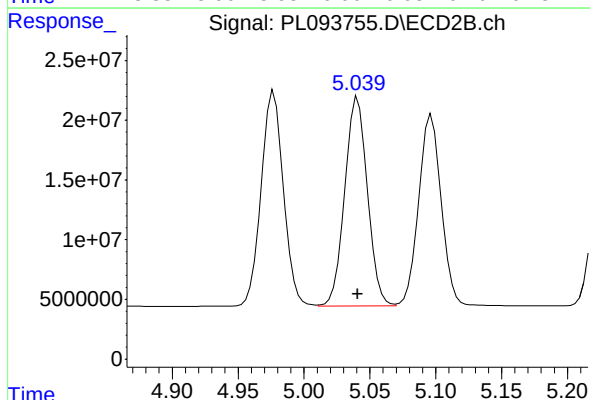
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 133435695
Conc: 47.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

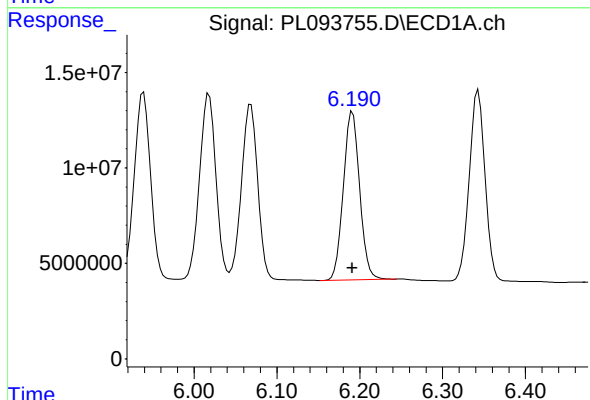
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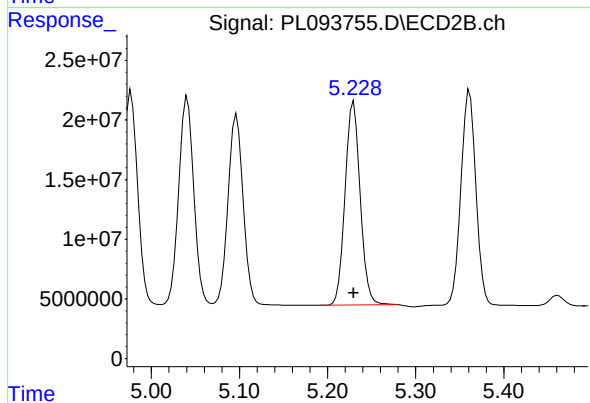
#11 alpha-Chlordane

R.T.: 5.041 min
Delta R.T.: 0.000 min
Response: 209006749
Conc: 49.92 ng/ml



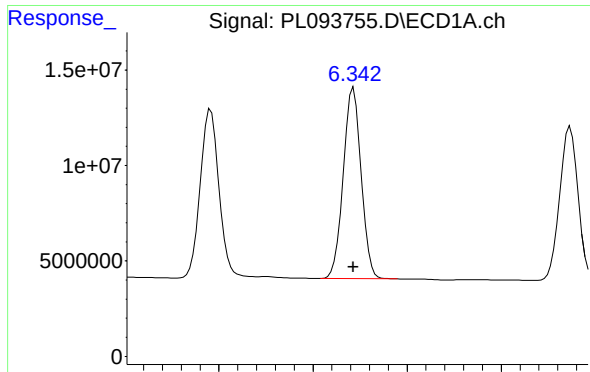
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 120832343
Conc: 49.63 ng/ml



#12 4,4'-DDE

R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 204084023
Conc: 50.90 ng/ml



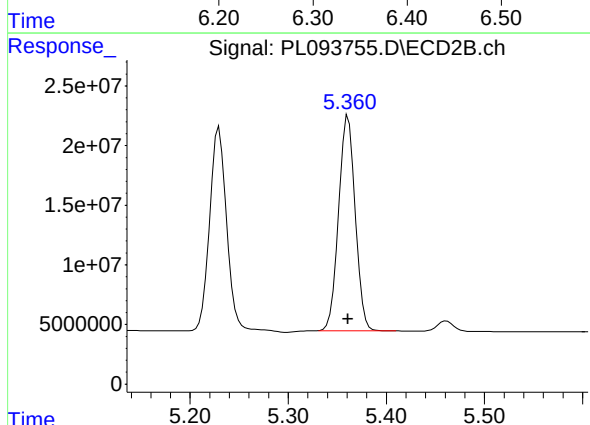
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 131998404
Conc: 47.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

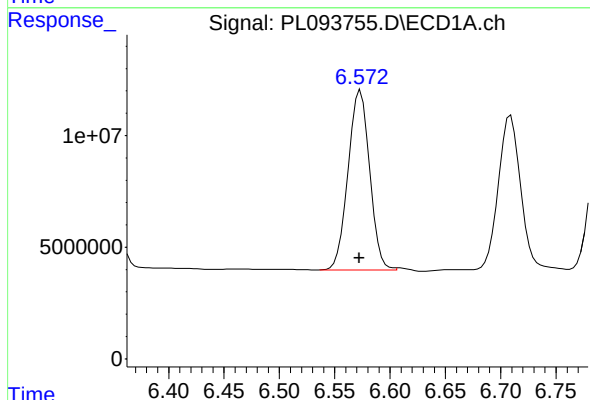
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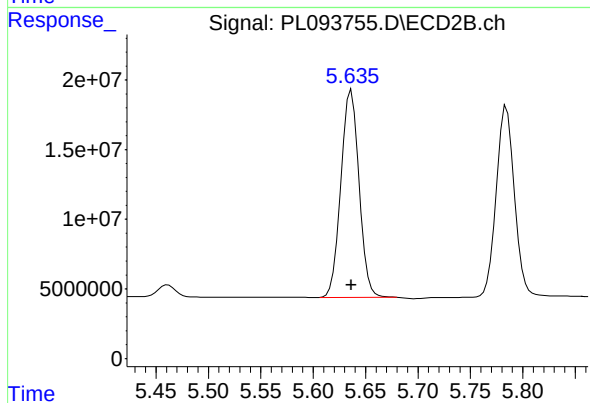
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 212740269
Conc: 49.52 ng/ml



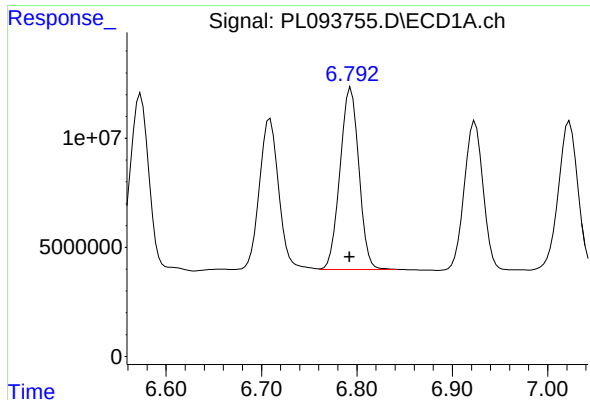
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 109759913
Conc: 46.81 ng/ml m



#14 Endrin

R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 179895937
Conc: 48.72 ng/ml



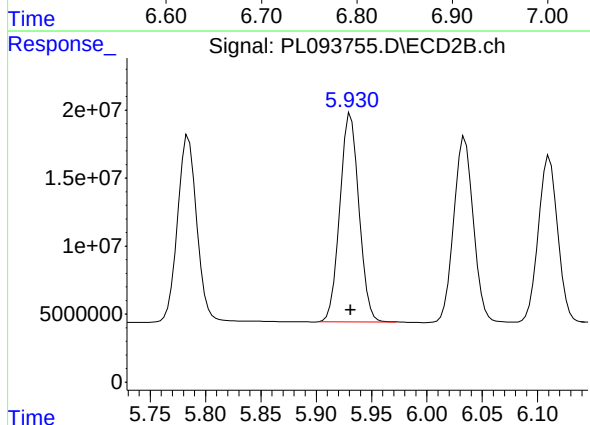
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.002 min
Response: 114503590
Conc: 47.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

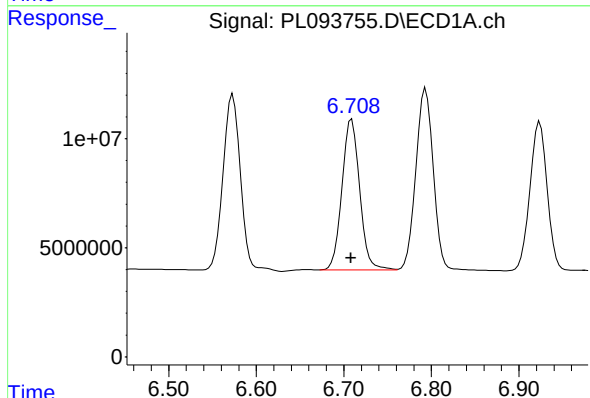
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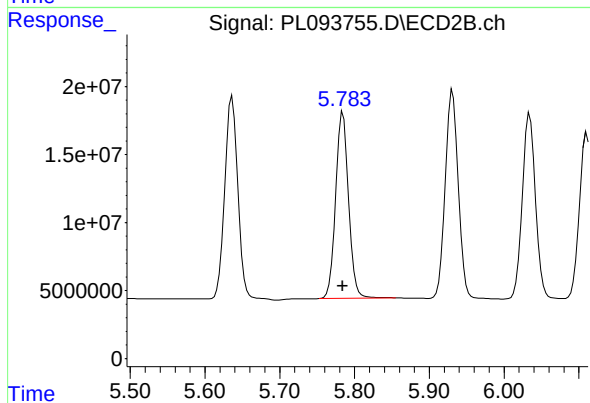
#15 Endosulfan II

R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 184339643
Conc: 49.77 ng/ml



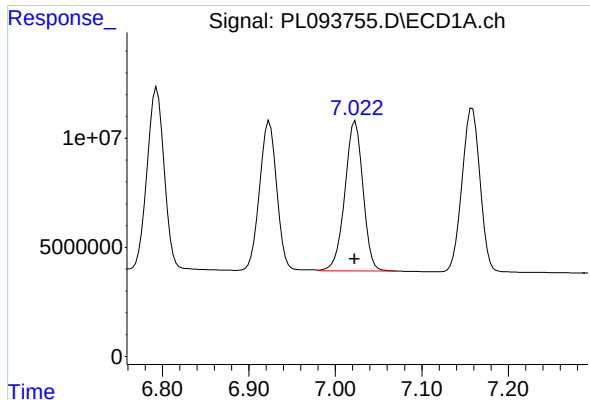
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 96930175
Conc: 51.00 ng/ml



#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 165467464
Conc: 52.42 ng/ml



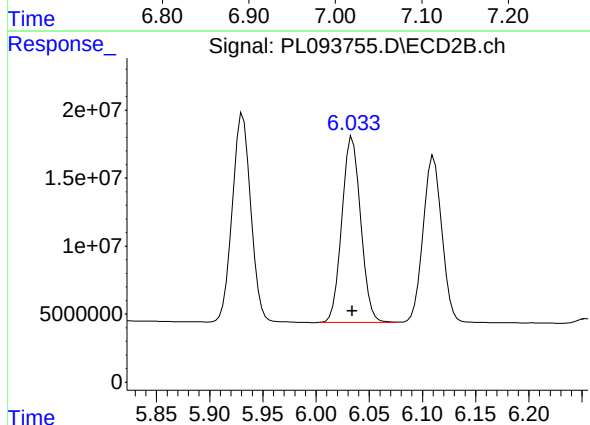
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 99236152
Conc: 50.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

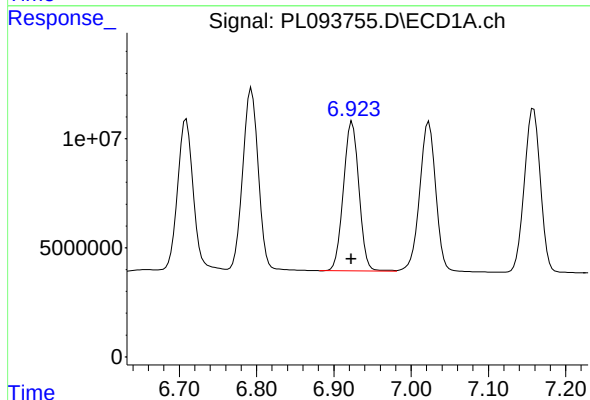
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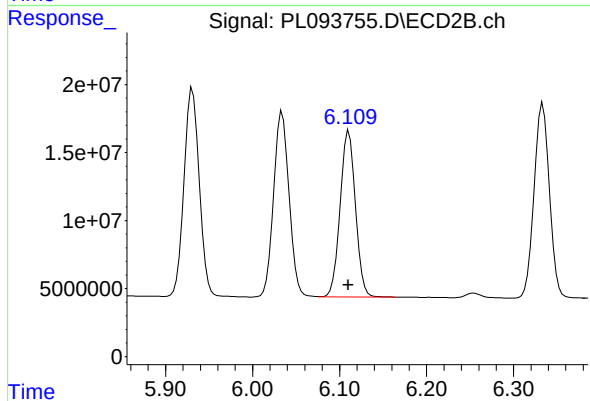
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 168096414
Conc: 51.66 ng/ml



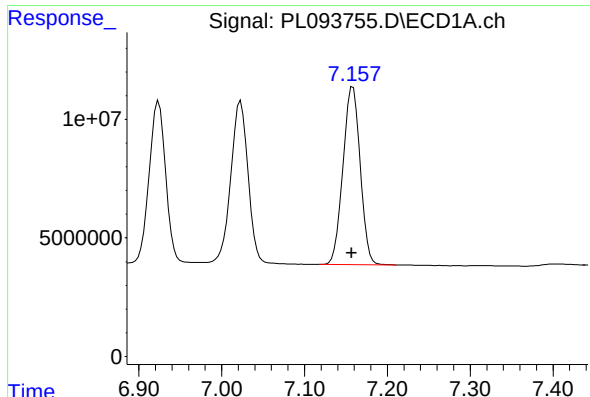
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.001 min
Response: 94624299
Conc: 48.67 ng/ml



#18 Endrin aldehyde

R.T.: 6.111 min
Delta R.T.: 0.000 min
Response: 150378822
Conc: 49.39 ng/ml



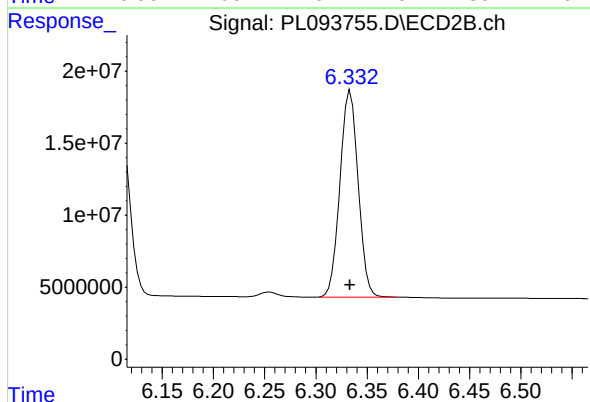
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.001 min
Response: 108673006
Conc: 48.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

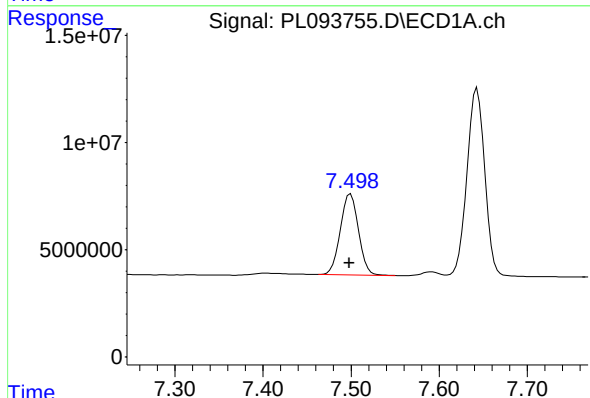
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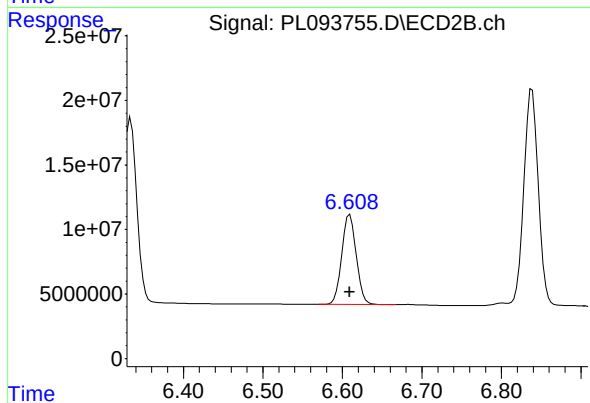
#19 Endosulfan Sulfate

R.T.: 6.334 min
Delta R.T.: 0.000 min
Response: 176790303
Conc: 49.58 ng/ml



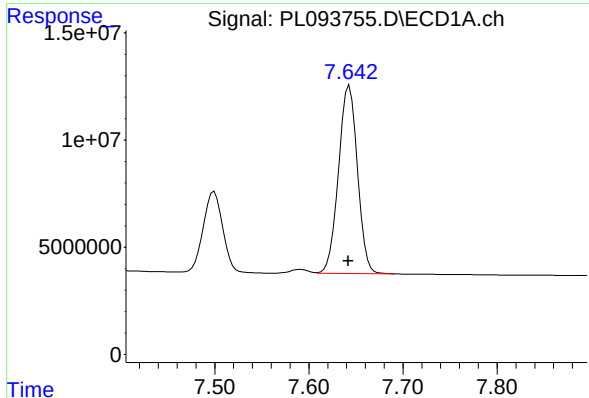
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.002 min
Response: 54142347
Conc: 51.89 ng/ml



#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 88032013
Conc: 49.23 ng/ml



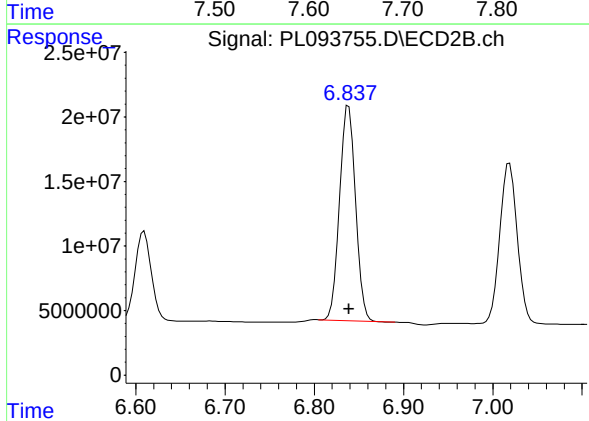
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.001 min
Response: 122904895
Conc: 48.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

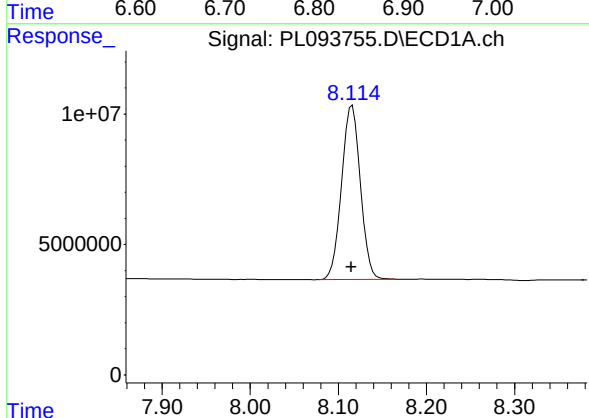
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Reviewed By :Abdul Mirza 01/23/2025
Supervised By :Sohil Jodhani 01/24/2025



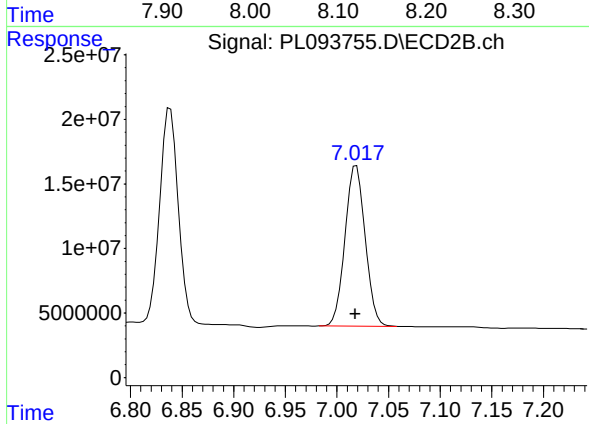
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 207217364
Conc: 49.39 ng/ml



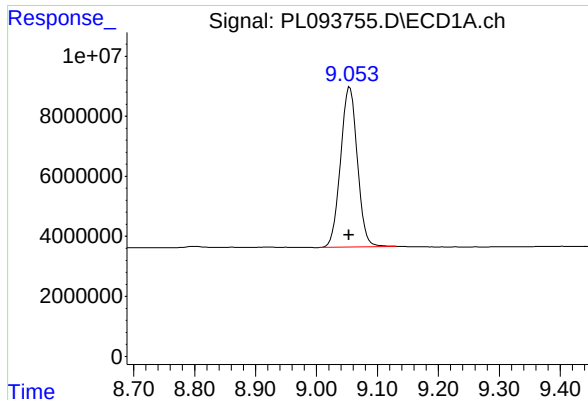
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.001 min
Response: 99253043
Conc: 47.66 ng/ml



#22 Mirex

R.T.: 7.019 min
Delta R.T.: 0.001 min
Response: 168878830
Conc: 49.94 ng/ml



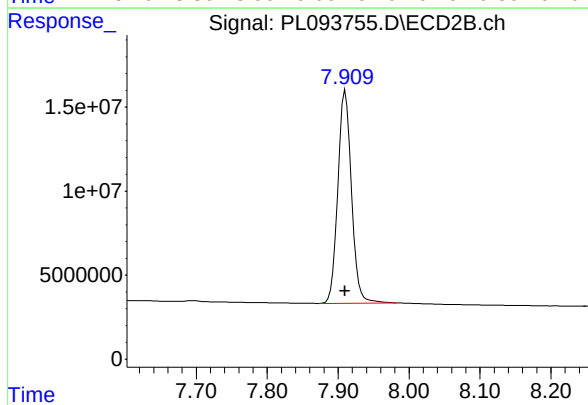
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.002 min
Response: 102182318
Conc: 48.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.910 min
Delta R.T.: 0.000 min
Response: 169565561
Conc: 48.39 ng/ml