

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031725\
 Data File : PL094701.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Mar 2025 10:00
 Operator : AR\AJ
 Sample : PB167137BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167137BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/18/2025
 Supervised By :mohammad ahmed 03/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 18 01:12:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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	2.772	61417423	79230561	21.697	22.198
28)	SA Decachlor...	9.054	7.906	56932964	99193530	27.015	24.557
Target Compounds							
2)	A alpha-BHC	3.994	3.274	209.0E6	287.5E6	50.336	53.324
3)	MA gamma-BHC...	4.327	3.603	203.3E6	272.1E6	50.961	52.942
4)	MA Heptachlor	4.914	3.941	196.0E6	278.8E6	50.484	52.919
5)	MB Aldrin	5.256	4.220	191.0E6	263.4E6	51.736	54.009
6)	B beta-BHC	4.525	3.904	92869570	122.0E6	50.330	54.906
7)	B delta-BHC	4.773	4.132	209.5E6	275.2E6	53.791	55.028
8)	B Heptachlo...	5.683	4.723	176.6E6	253.1E6	52.791	55.270
9)	A Endosulfan I	6.069	5.093	164.5E6	243.8E6	53.595	55.549
10)	B gamma-Chl...	5.939	4.973	179.1E6	267.2E6	53.169	55.342
11)	B alpha-Chl...	6.018	5.037	176.0E6	262.6E6	53.395	55.015
12)	B 4,4'-DDE	6.192	5.225	168.6E6	267.2E6	57.294	57.485
13)	MA Dieldrin	6.344	5.356	173.1E6	275.5E6	54.136	56.788
14)	MA Endrin	6.572	5.632	147.3E6	248.4E6	53.132m	56.932
15)	B Endosulfa...	6.794	5.928	149.3E6	248.3E6	54.986	57.364
16)	A 4,4'-DDD	6.709	5.780	129.3E6	219.4E6	59.691	61.005
17)	MA 4,4'-DDT	7.023	6.030	140.4E6	241.2E6	59.025	59.825
18)	B Endrin al...	6.925	6.107	115.7E6	190.8E6	54.785	56.687
19)	B Endosulfa...	7.159	6.330	136.0E6	237.9E6	55.914	58.394
20)	A Methoxychlor	7.500	6.605	71525212	125.0E6	59.750	58.924
21)	B Endrin ke...	7.643	6.835	152.0E6	285.2E6	57.493	59.752
22)	Mirex	8.116	7.015	114.6E6	213.3E6	55.481	56.199

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031725\
Data File : PL094701.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Mar 2025 10:00
Operator : AR\AJ
Sample : PB167137BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB167137BS

Manual Integrations

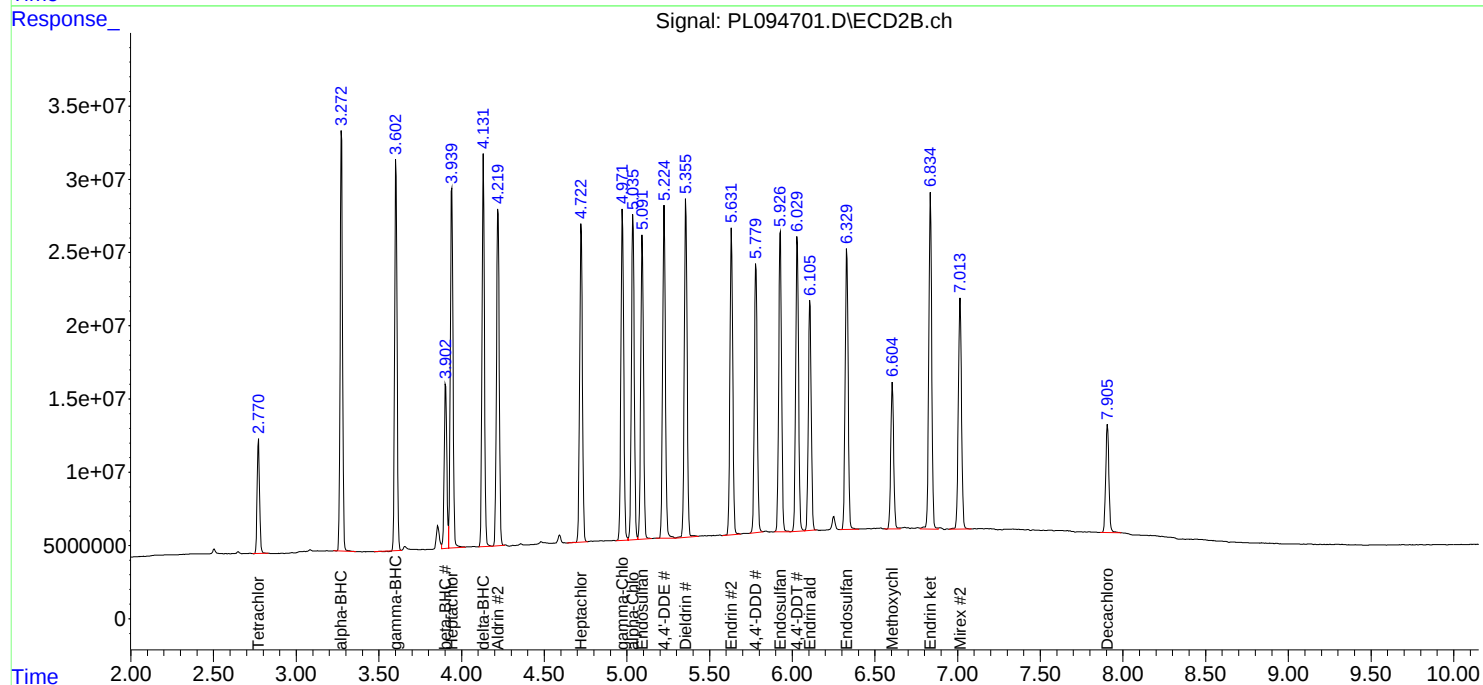
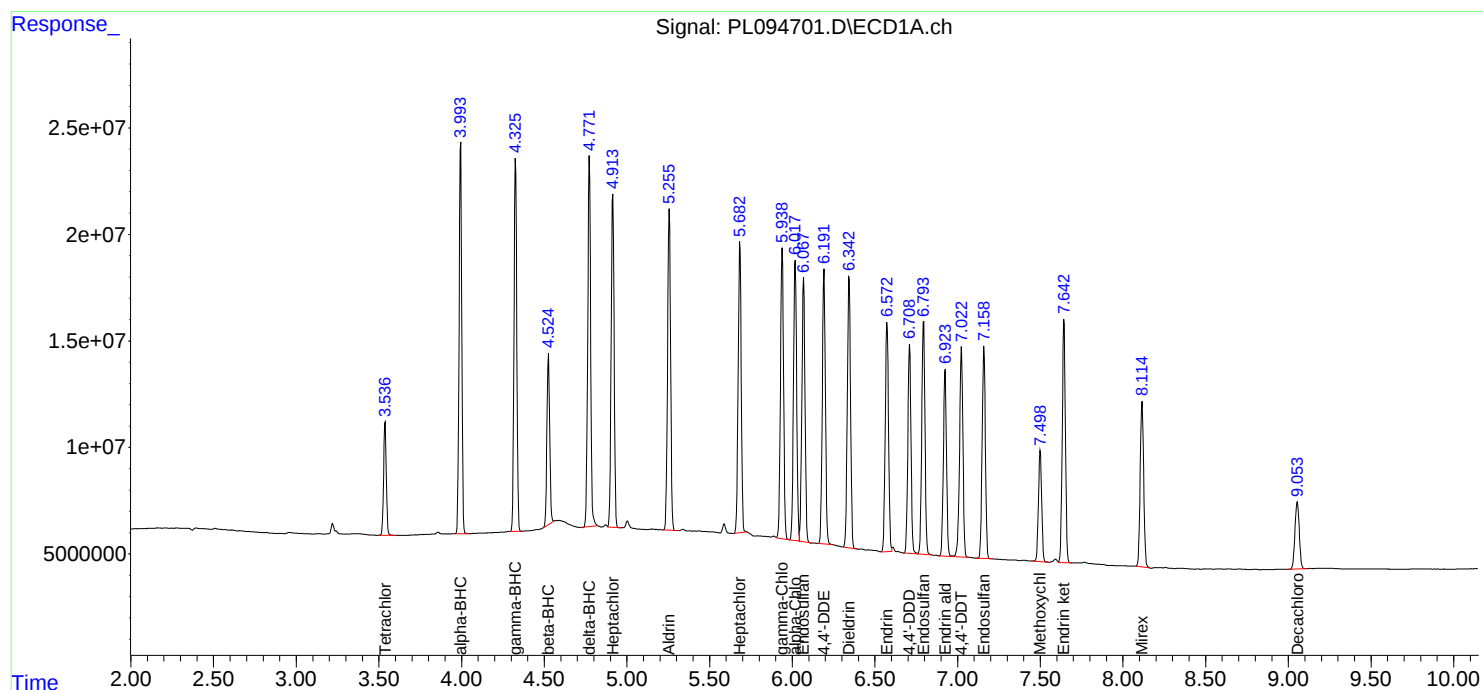
APPROVED

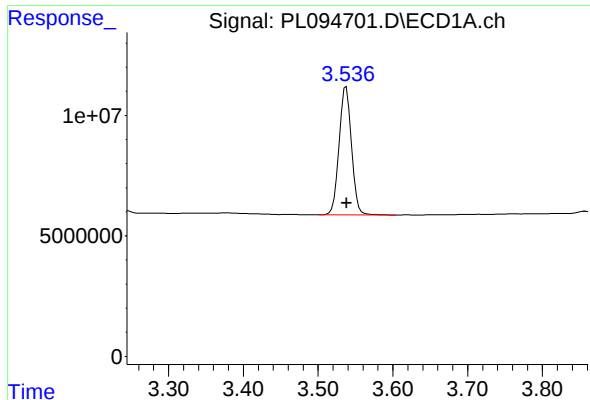
Reviewed By :Abdul Mirza 03/18/2025

Supervised By :mohammad ahmed 03/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 18 01:12:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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





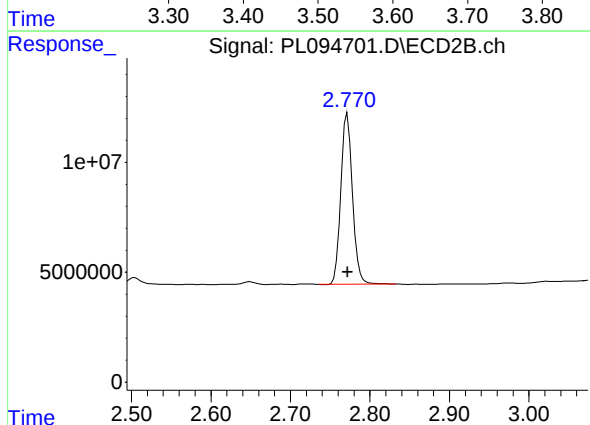
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 61417423
Conc: 21.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167137BS

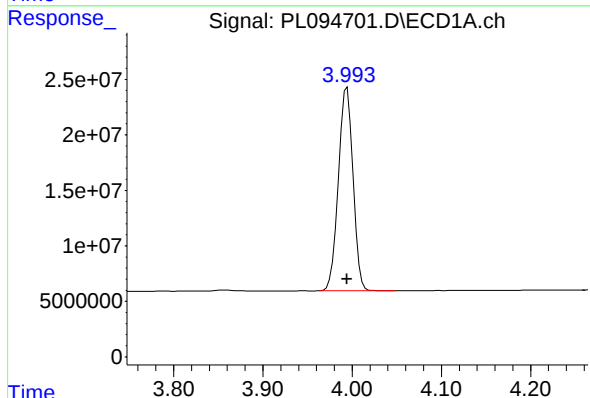
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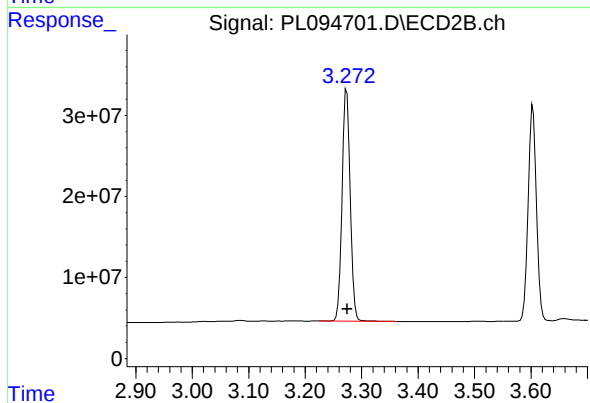
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.000 min
Response: 79230561
Conc: 22.20 ng/ml



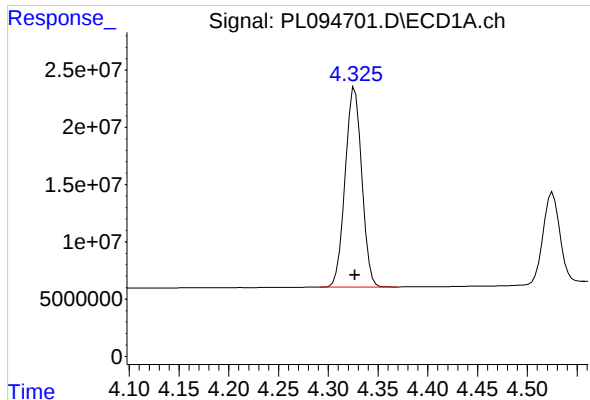
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 209012110
Conc: 50.34 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: 0.000 min
Response: 287488704
Conc: 53.32 ng/ml



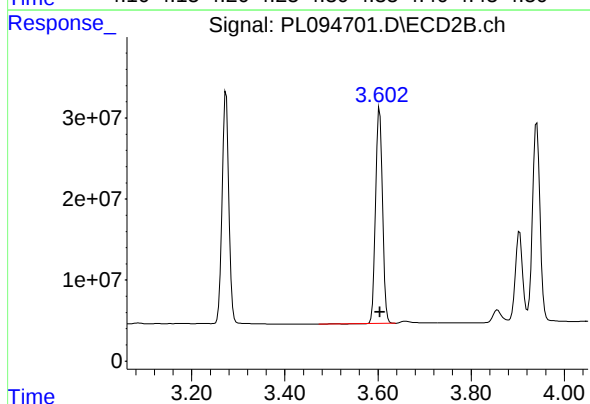
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 203346598
Conc: 50.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167137BS

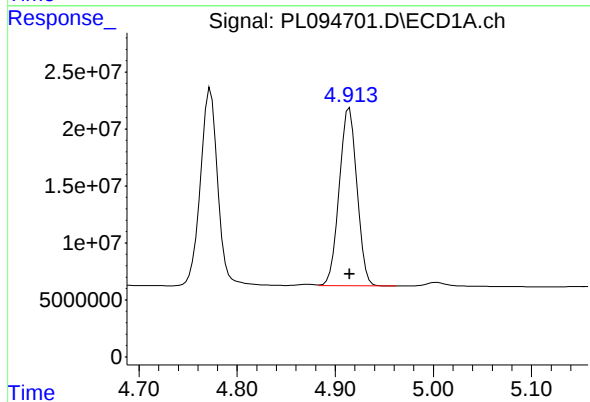
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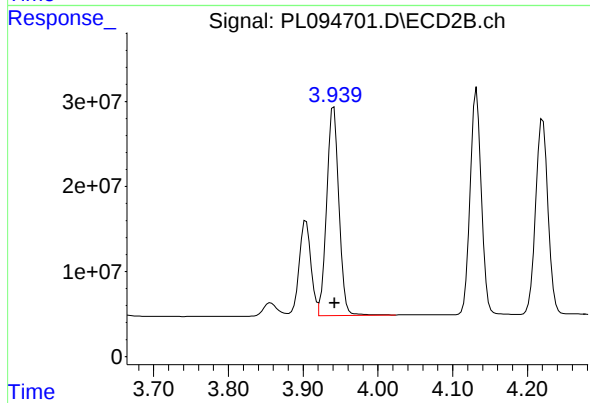
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: 0.000 min
Response: 272090587
Conc: 52.94 ng/ml



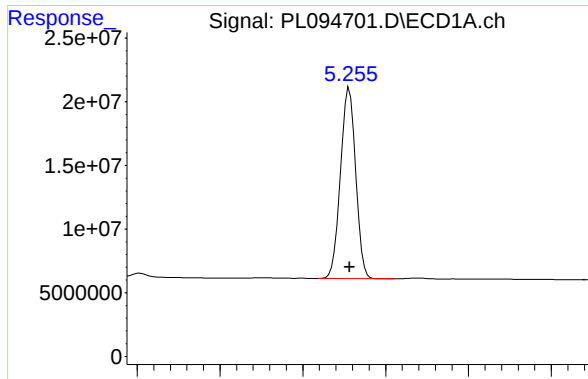
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 195960223
Conc: 50.48 ng/ml



#4 Heptachlor

R.T.: 3.941 min
Delta R.T.: -0.002 min
Response: 278813483
Conc: 52.92 ng/ml



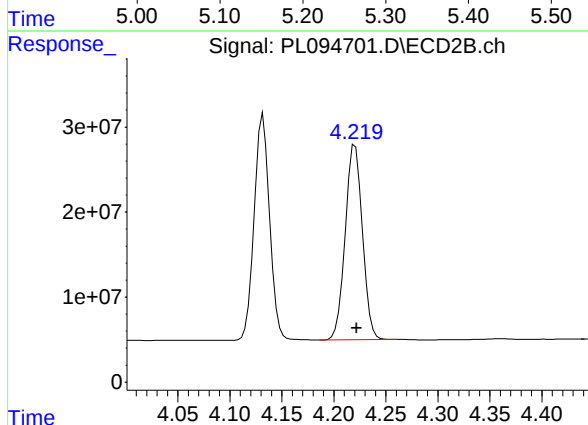
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 191019357
Conc: 51.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167137BS

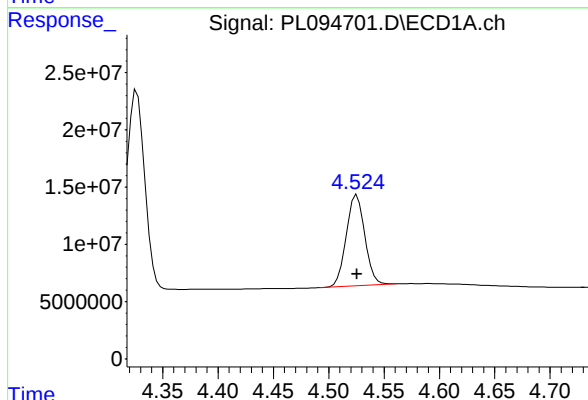
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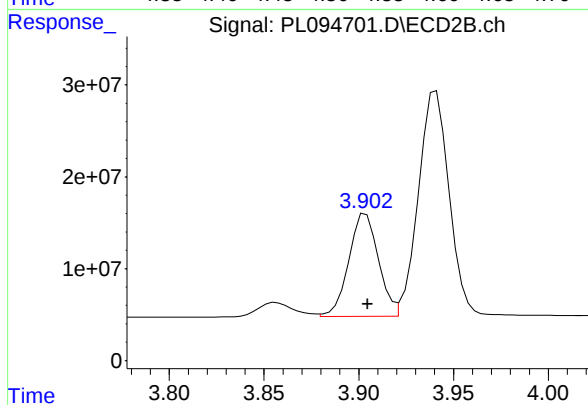
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: -0.001 min
Response: 263364473
Conc: 54.01 ng/ml



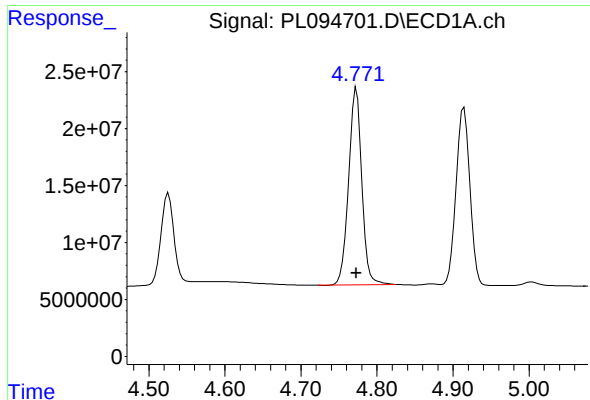
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 92869570
Conc: 50.33 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: 0.000 min
Response: 121961378
Conc: 54.91 ng/ml



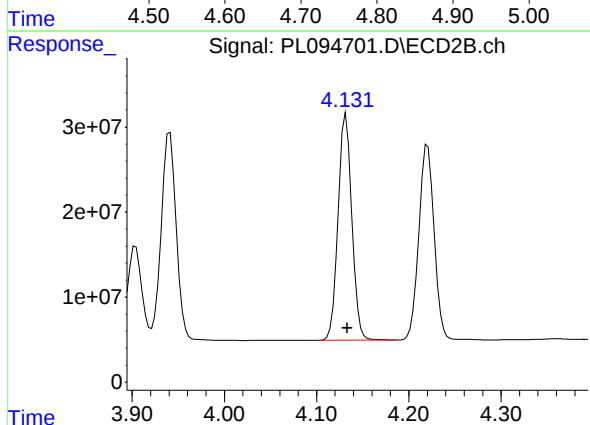
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: 0.000 min
Response: 209478658
Conc: 53.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167137BS

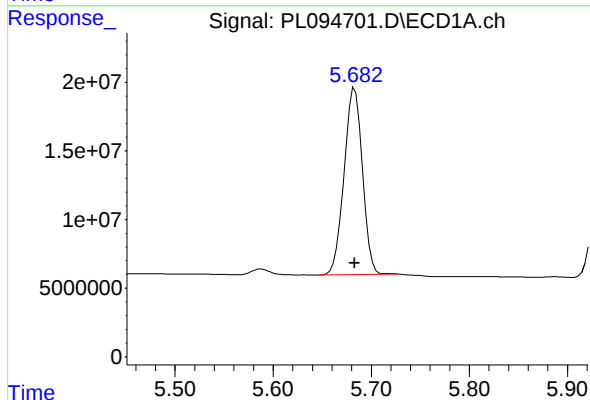
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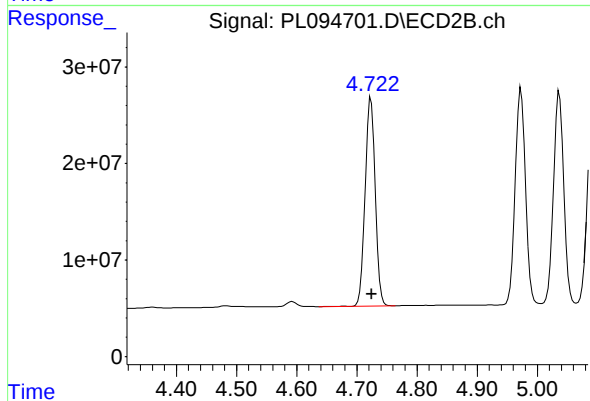
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: -0.001 min
Response: 275246777
Conc: 55.03 ng/ml



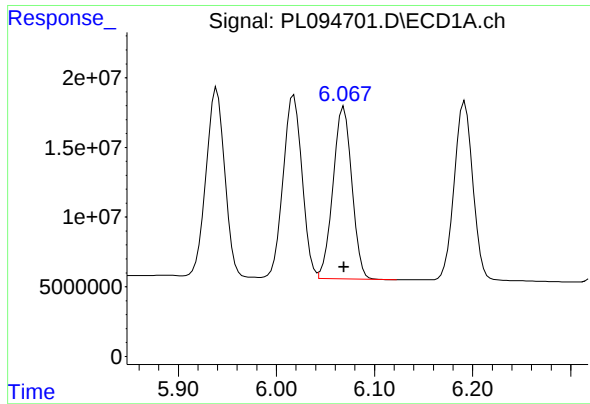
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 176596622
Conc: 52.79 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: -0.001 min
Response: 253057645
Conc: 55.27 ng/ml



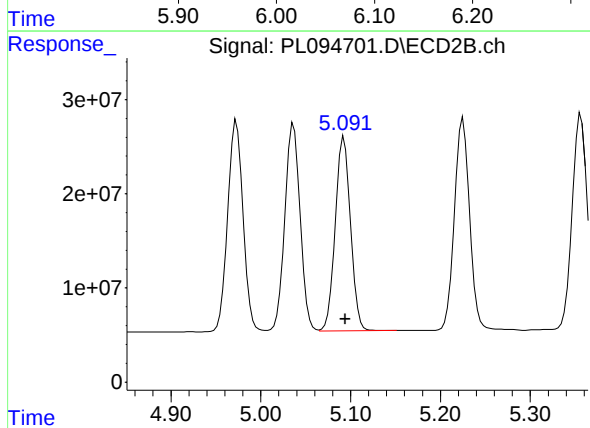
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 164549020
Conc: 53.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167137BS

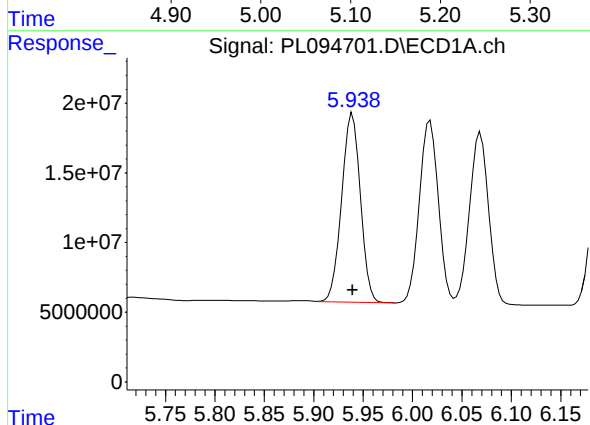
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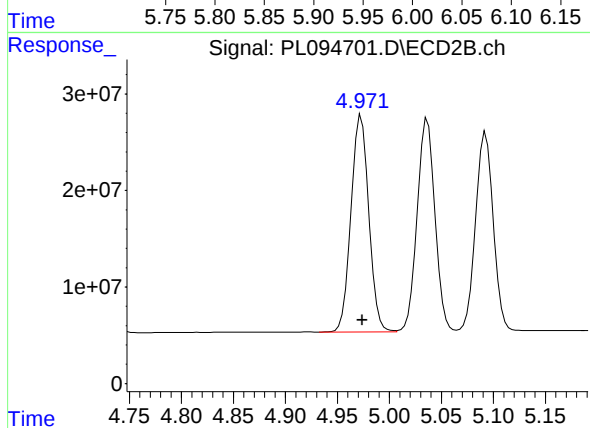
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: -0.001 min
Response: 243790261
Conc: 55.55 ng/ml



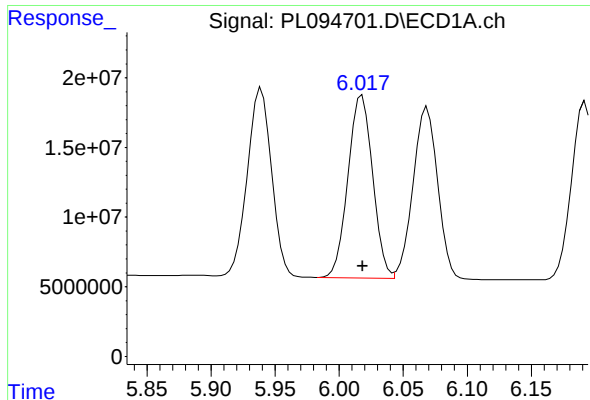
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 179147348
Conc: 53.17 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: -0.001 min
Response: 267215543
Conc: 55.34 ng/ml



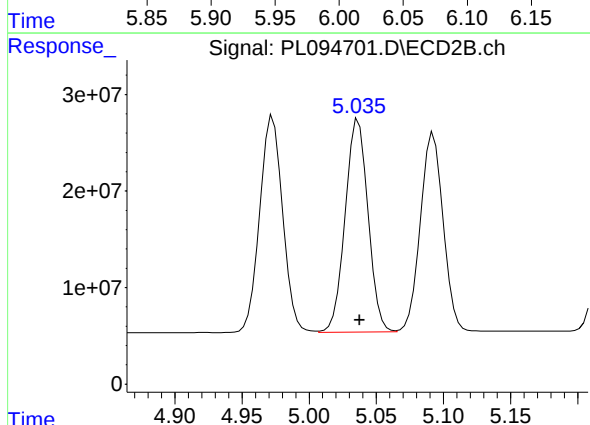
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 176033309
Conc: 53.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167137BS

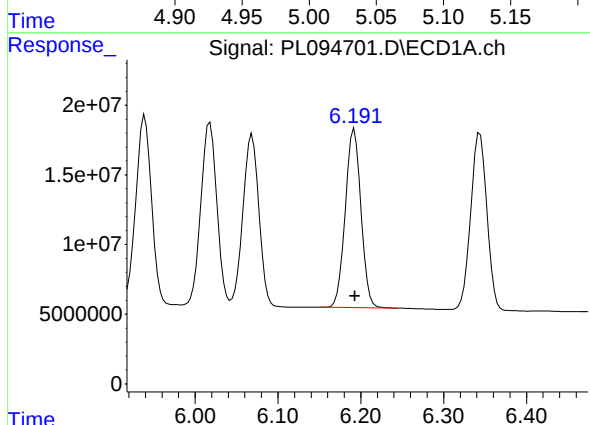
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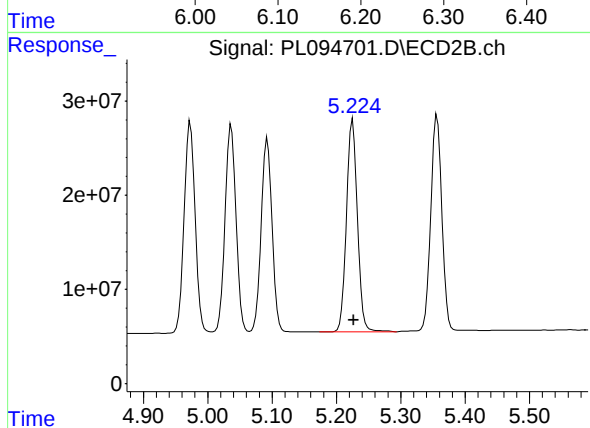
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: -0.001 min
Response: 262575518
Conc: 55.02 ng/ml



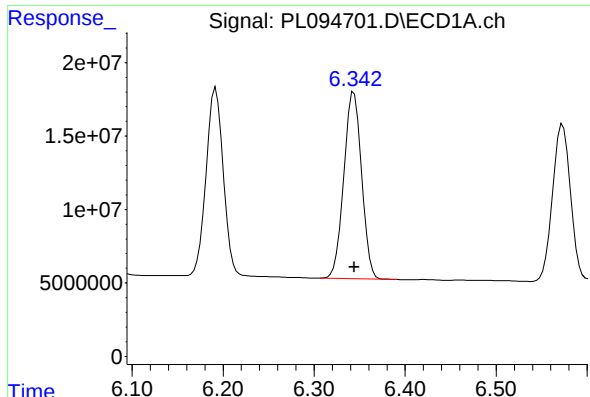
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 168563408
Conc: 57.29 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: -0.001 min
Response: 267222761
Conc: 57.49 ng/ml



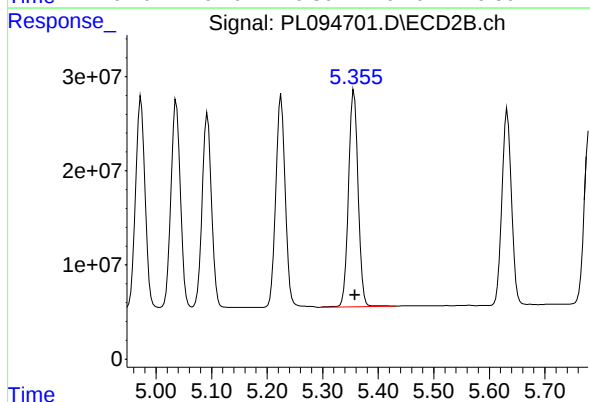
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 173133115
Conc: 54.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167137BS

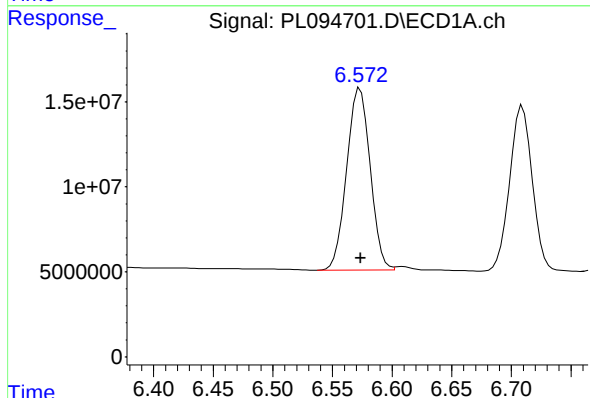
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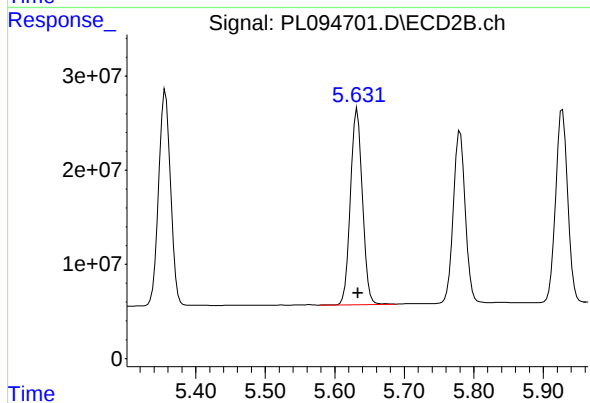
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: -0.002 min
Response: 275524775
Conc: 56.79 ng/ml



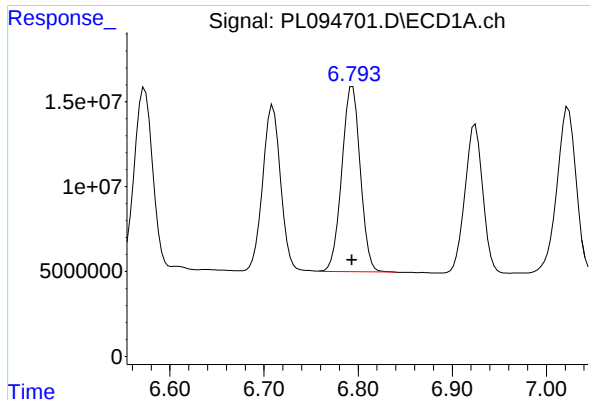
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.002 min
Response: 147285451
Conc: 53.13 ng/ml m



#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.001 min
Response: 248430143
Conc: 56.93 ng/ml



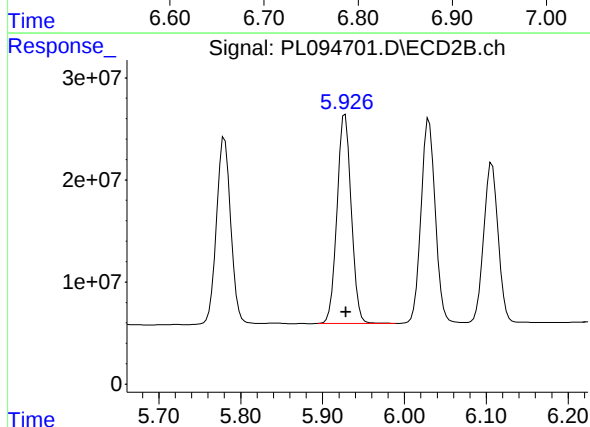
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 149273569
Conc: 54.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167137BS

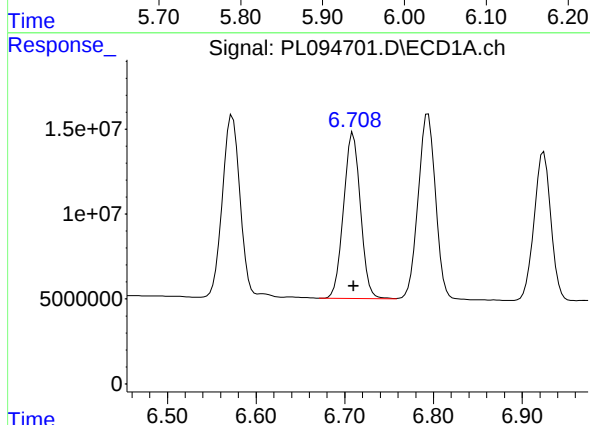
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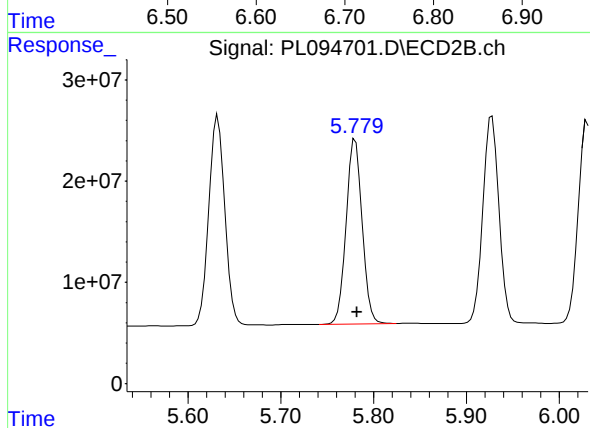
#15 Endosulfan II

R.T.: 5.928 min
Delta R.T.: -0.001 min
Response: 248286530
Conc: 57.36 ng/ml



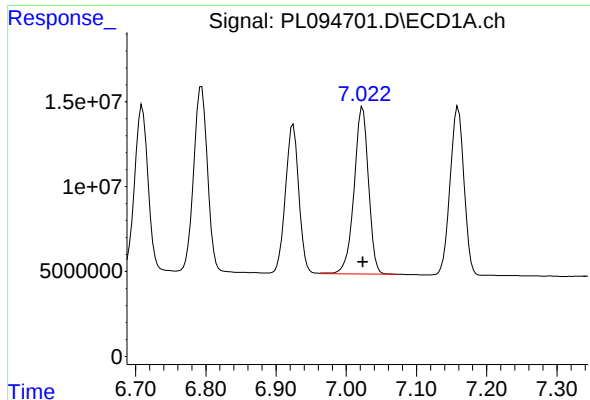
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 129295040
Conc: 59.69 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 219368471
Conc: 61.01 ng/ml



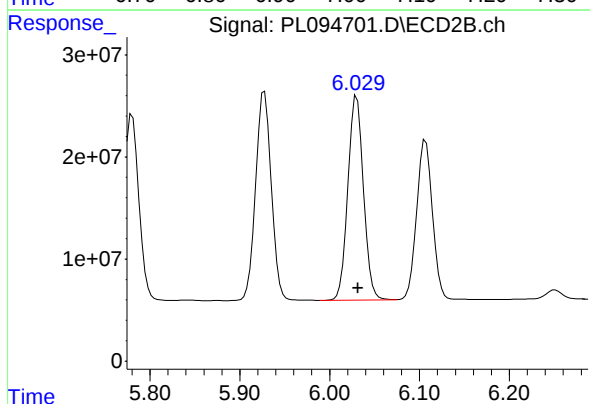
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 140393748
Conc: 59.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167137BS

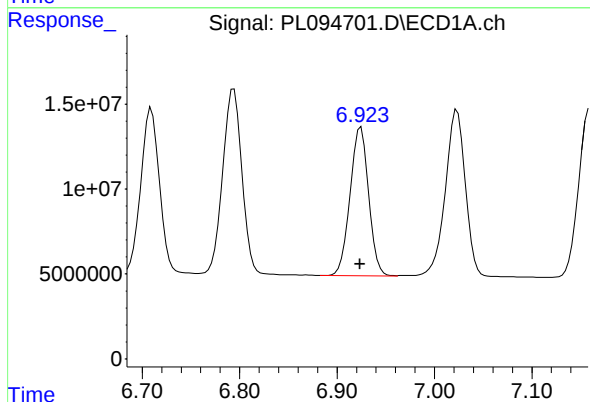
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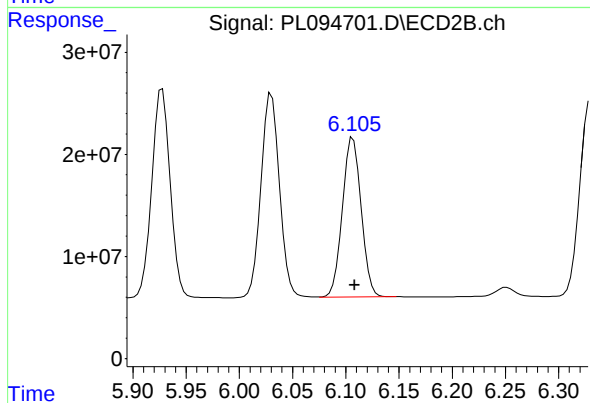
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.001 min
Response: 241221529
Conc: 59.83 ng/ml



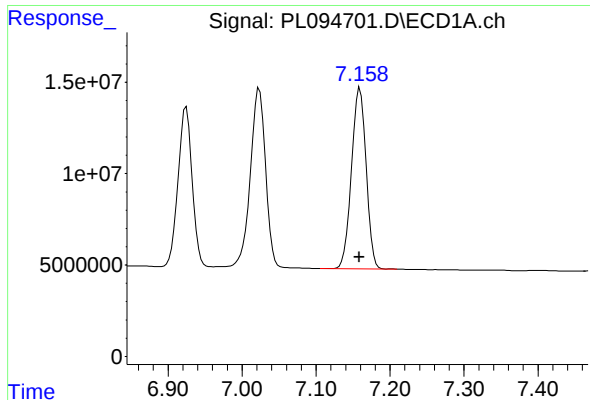
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.000 min
Response: 115651610
Conc: 54.79 ng/ml



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: -0.001 min
Response: 190771752
Conc: 56.69 ng/ml



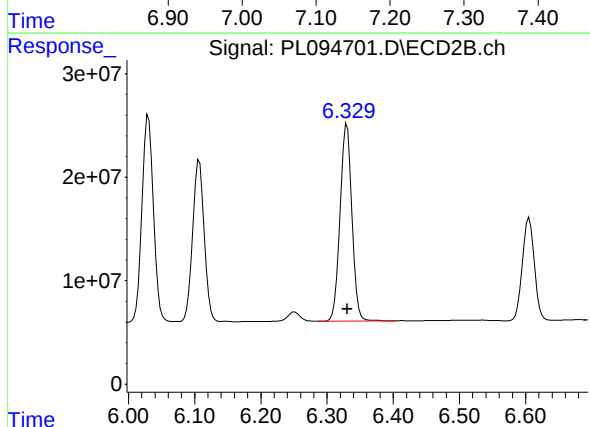
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.000 min
Response: 135983409
Conc: 55.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167137BS

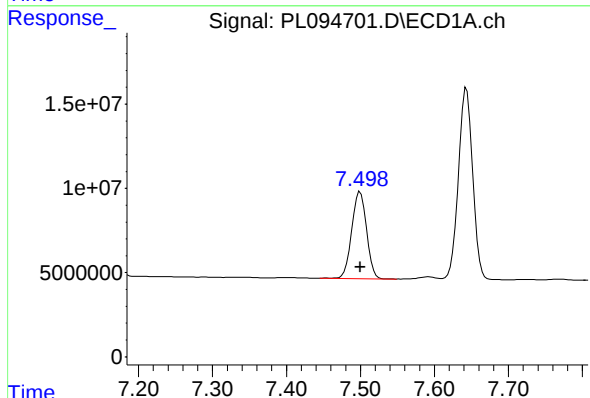
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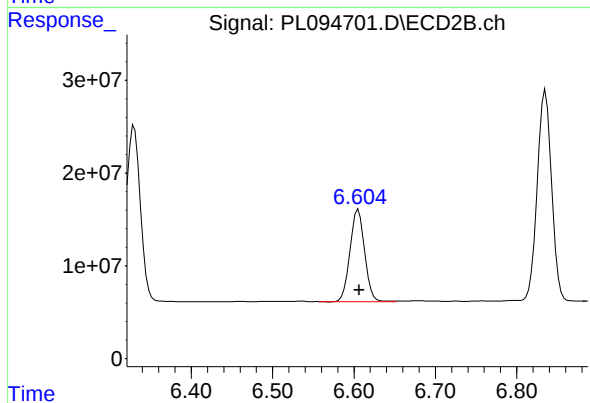
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 237864052
Conc: 58.39 ng/ml



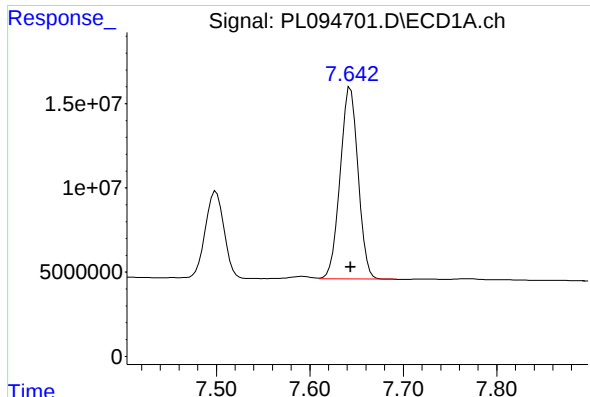
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 71525212
Conc: 59.75 ng/ml



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: -0.002 min
Response: 124981795
Conc: 58.92 ng/ml



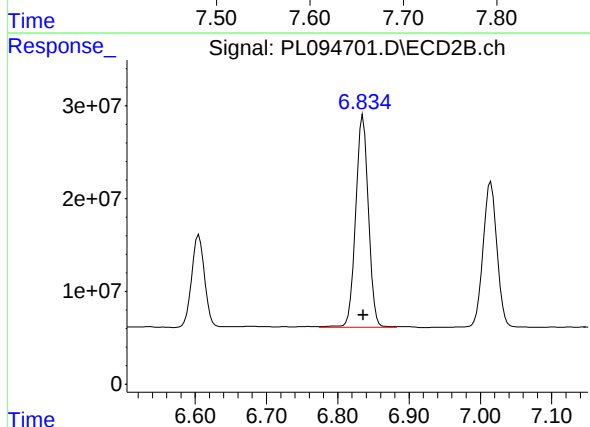
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 151969227
Conc: 57.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167137BS

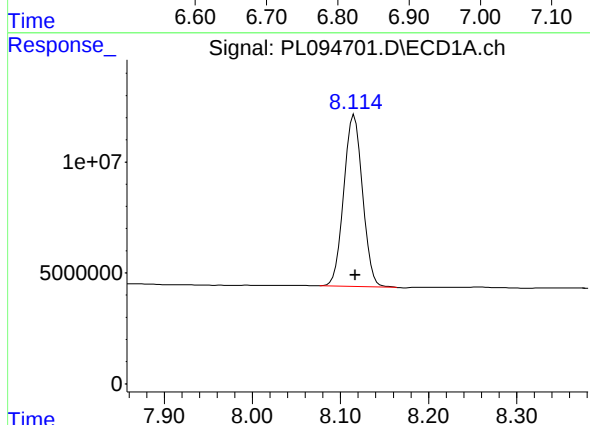
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/18/2025
Supervised By :mohammad ahmed 03/19/2025



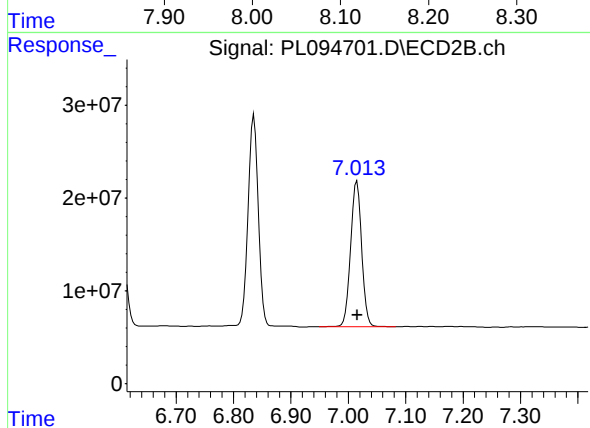
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: 0.000 min
Response: 285171419
Conc: 59.75 ng/ml



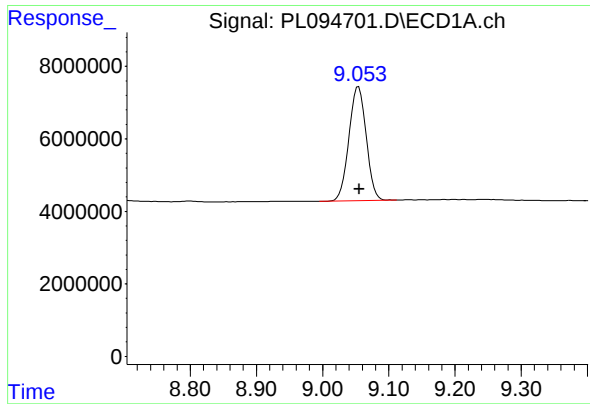
#22 Mirex

R.T.: 8.116 min
Delta R.T.: -0.001 min
Response: 114639940
Conc: 55.48 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 213291769
Conc: 56.20 ng/ml



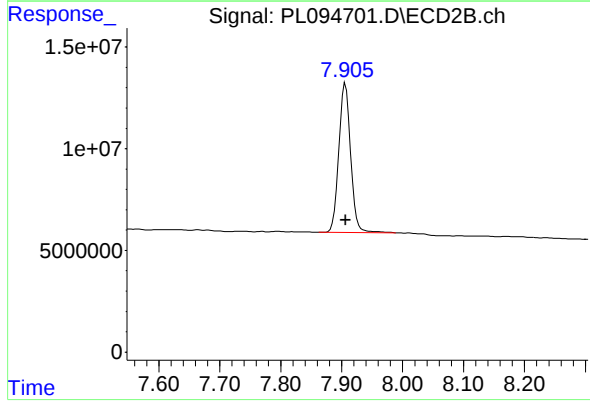
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: -0.001 min
Response: 56932964
Conc: 27.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167137BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 99193530
Conc: 24.56 ng/ml