

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040125\
 Data File : PL094984.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2025 14:59
 Operator : AR\AJ
 Sample : PB167395BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167395BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/02/2025
 Supervised By :mohammad ahmed 04/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 02 01:23:36 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...	3.536	2.769	61204269	81009428	21.622	22.696
28) SA Decachlor...	9.050	7.901	53752491	99285819	25.506	24.580
Target Compounds						
2) A alpha-BHC	3.992	3.271	209.6E6	312.1E6	50.484	57.886
3) MA gamma-BHC...	4.323	3.601	200.7E6	287.0E6	50.297m	55.839
4) MA Heptachlor	4.912	3.938	189.5E6	280.8E6	48.816	53.290
5) MB Aldrin	5.253	4.217	183.8E6	263.8E6	49.770	54.090
6) B beta-BHC	4.523	3.901	91724206	123.5E6	49.709	55.580
7) B delta-BHC	4.768	4.128	210.3E6	275.2E6	54.009m	55.023m
8) B Heptachlo...	5.680	4.720	169.2E6	249.2E6	50.589	54.434
9) A Endosulfan I	6.066	5.089	161.8E6	239.4E6	52.704	54.549
10) B gamma-Chl...	5.936	4.968	174.1E6	262.4E6	51.665	54.345m
11) B alpha-Chl...	6.016	5.033	172.4E6	256.7E6	52.286	53.781
12) B 4,4'-DDE	6.189	5.222	171.4E6	262.6E6	58.264	56.501
13) MA Dieldrin	6.341	5.353	172.5E6	265.4E6	53.941	54.692
14) MA Endrin	6.570	5.628	137.2E6	229.1E6	49.499m	52.494m
15) B Endosulfa...	6.791	5.924	148.4E6	239.8E6	54.674	55.394
16) A 4,4'-DDD	6.707	5.777	135.3E6	221.7E6	62.460	61.650
17) MA 4,4'-DDT	7.021	6.027	132.9E6	223.5E6	55.874	55.434
18) B Endrin al...	6.921	6.103	116.2E6	188.0E6	55.024	55.860
19) B Endosulfa...	7.156	6.326	132.9E6	232.1E6	54.644	56.976
20) A Methoxychlor	7.496	6.601	66397561	120.8E6	55.467m	56.969
21) B Endrin ke...	7.641	6.830	153.0E6	286.3E6	57.865	59.994m
22) Mirex	8.114	7.009	108.8E6	210.9E6	52.655	55.563m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040125\
Data File : PL094984.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Apr 2025 14:59
Operator : AR\AJ
Sample : PB167395BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

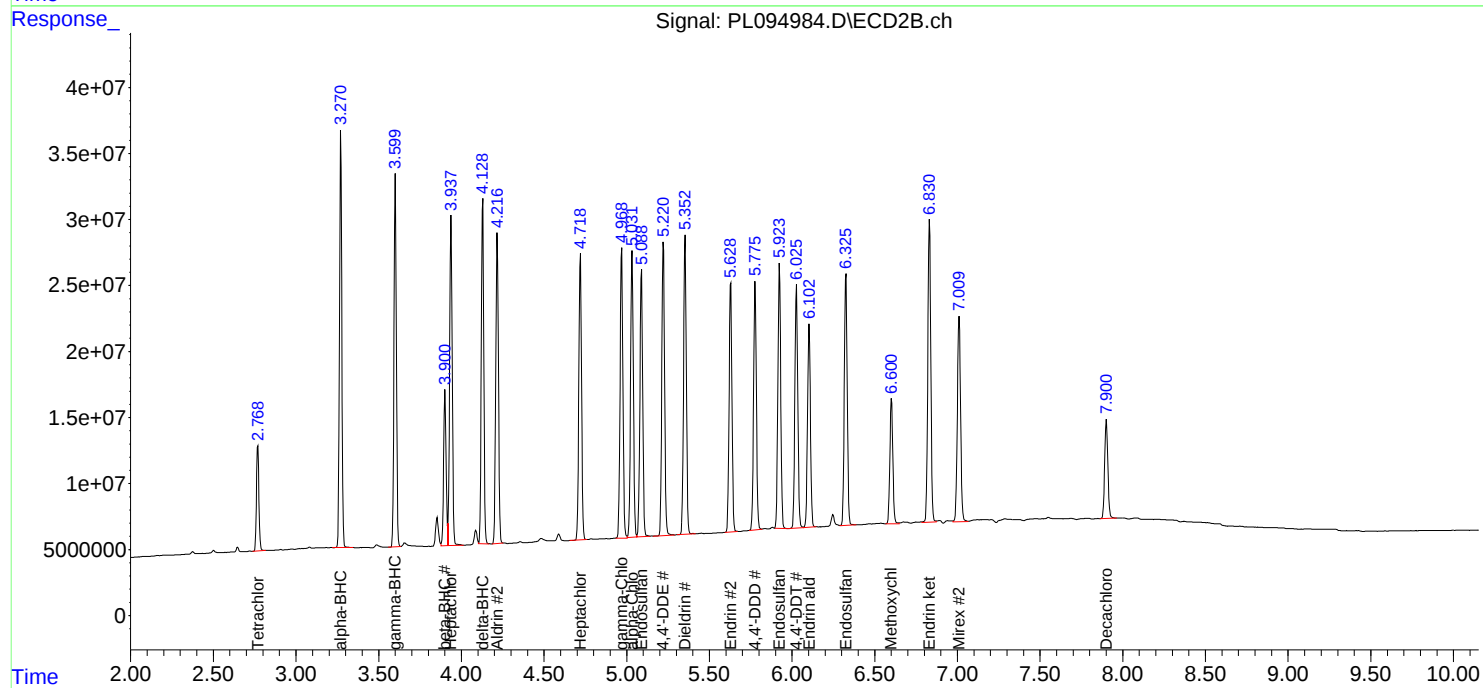
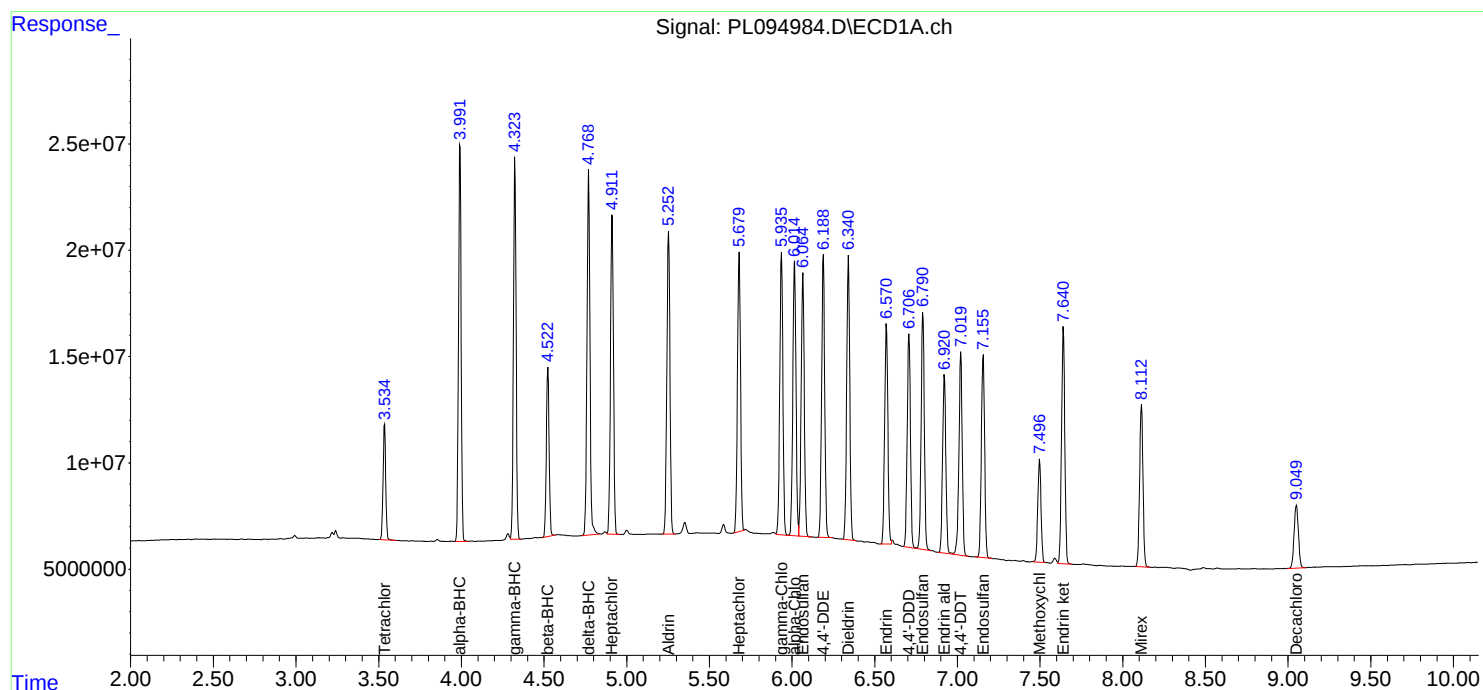
Instrument :
ECD_L
ClientSampleId :
PB167395BS

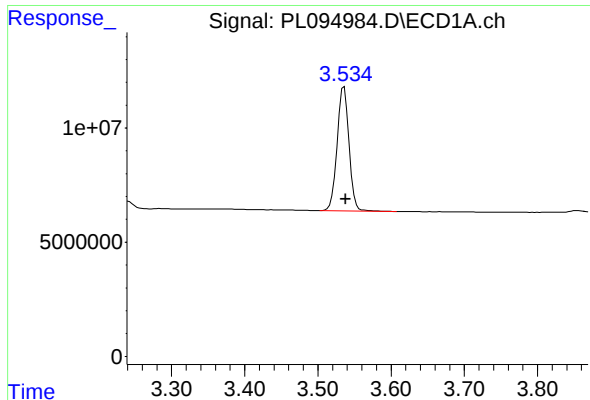
Manual Integrations
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Supervised By :mohammad ahmed 04/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 02 01:23:36 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





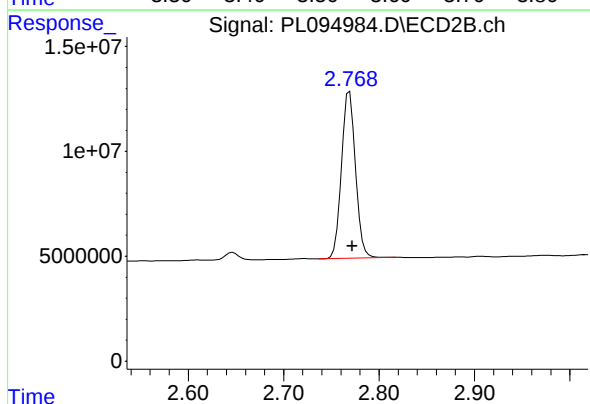
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.002 min
Response: 61204269
Conc: 21.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167395BS

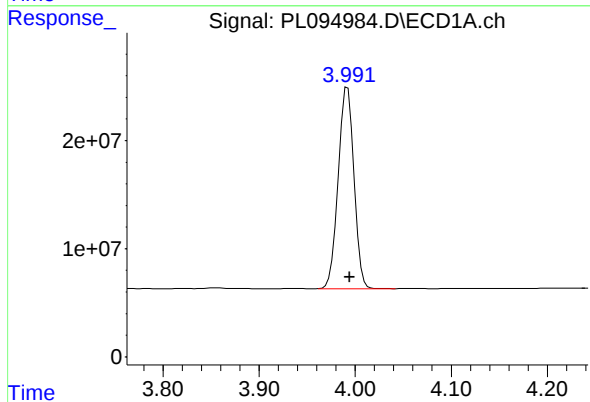
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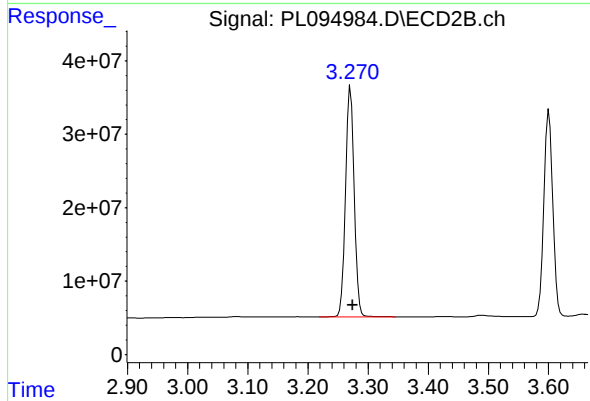
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 81009428
Conc: 22.70 ng/ml



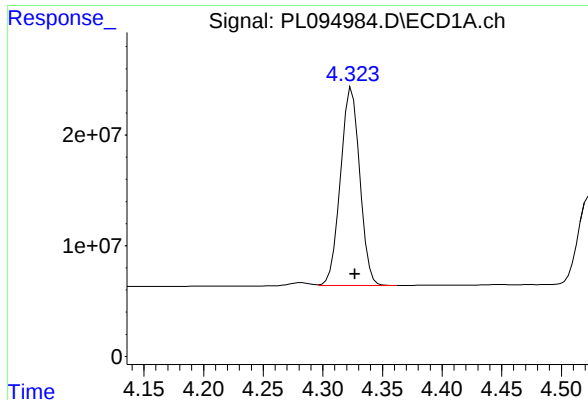
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 209625219
Conc: 50.48 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.003 min
Response: 312083506
Conc: 57.89 ng/ml



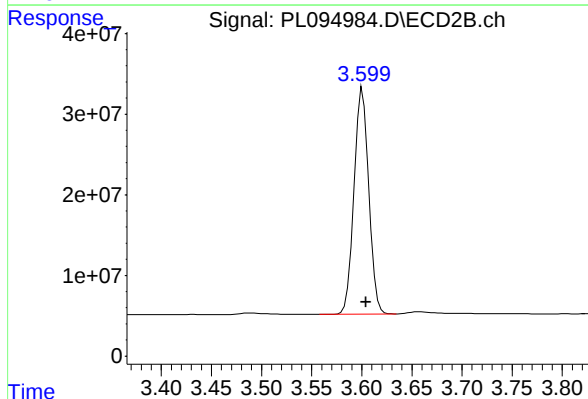
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: -0.004 min
Response: 200697710
Conc: 50.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167395BS

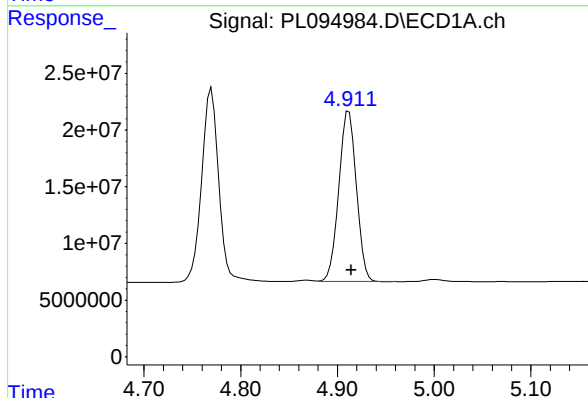
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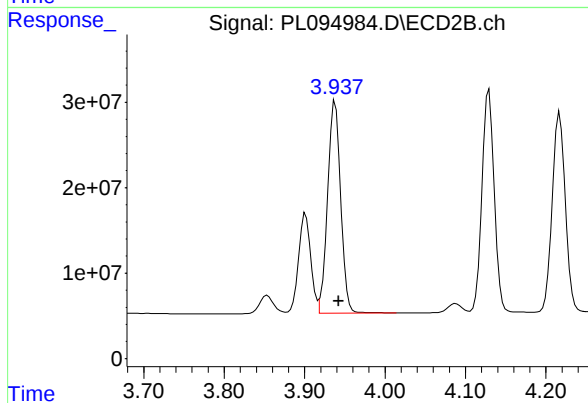
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.004 min
Response: 286981512
Conc: 55.84 ng/ml



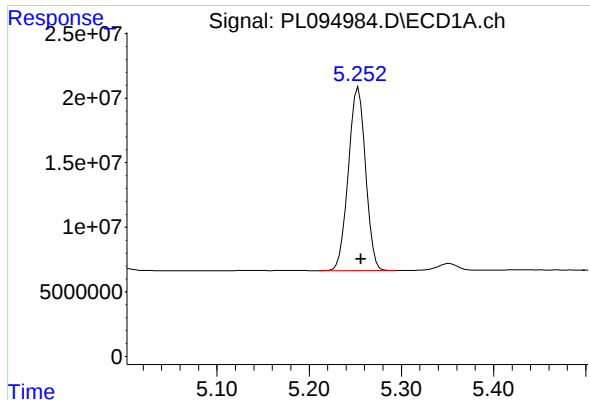
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.003 min
Response: 189484012
Conc: 48.82 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: -0.004 min
Response: 280768009
Conc: 53.29 ng/ml



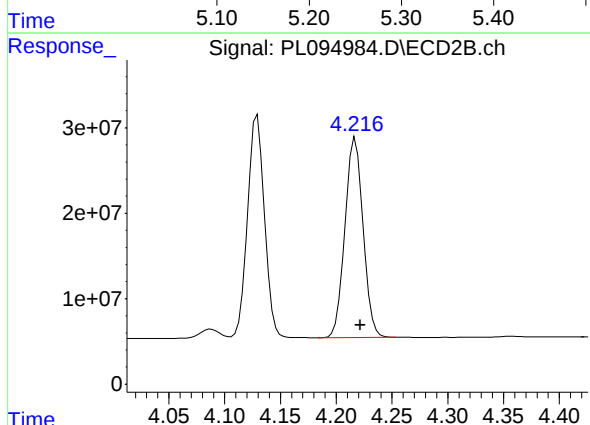
#5 Aldrin

R.T.: 5.253 min
Delta R.T.: -0.003 min
Response: 183762752
Conc: 49.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167395BS

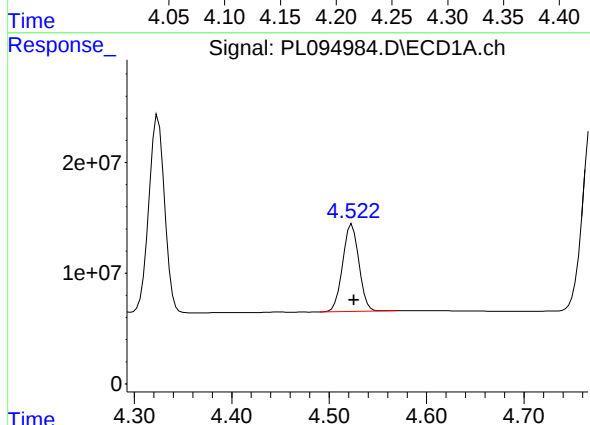
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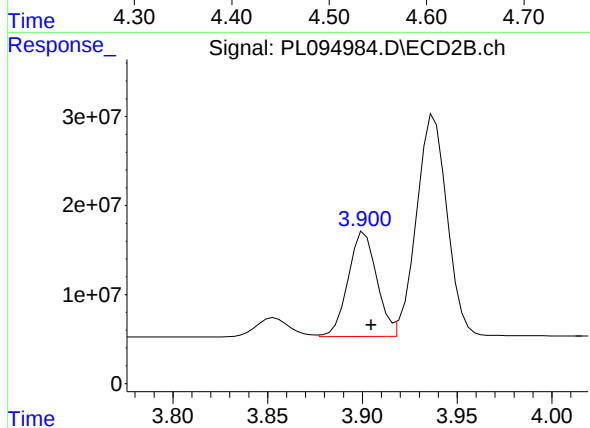
#5 Aldrin

R.T.: 4.217 min
Delta R.T.: -0.004 min
Response: 263759860
Conc: 54.09 ng/ml



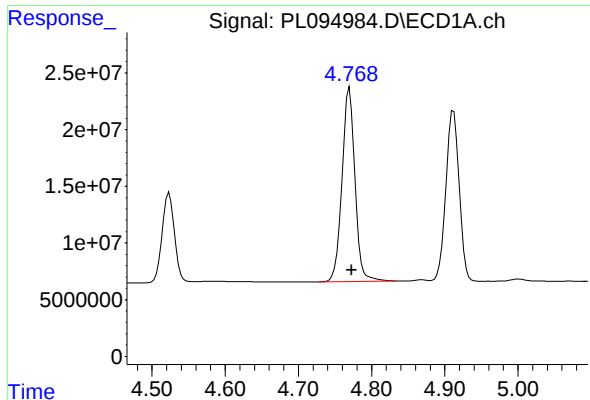
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 91724206
Conc: 49.71 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: -0.004 min
Response: 123458447
Conc: 55.58 ng/ml



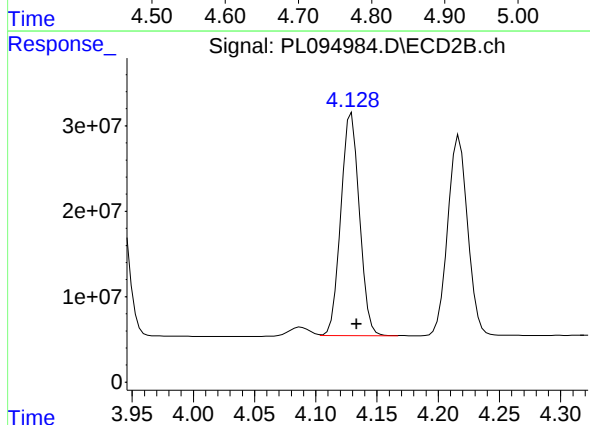
#7 delta-BHC

R.T.: 4.768 min
Delta R.T.: -0.004 min
Response: 210328358
Conc: 54.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167395BS

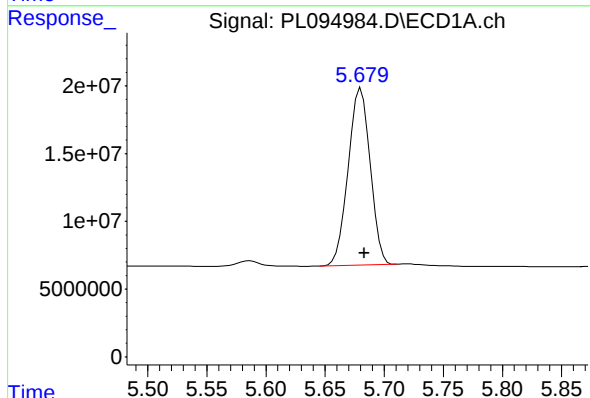
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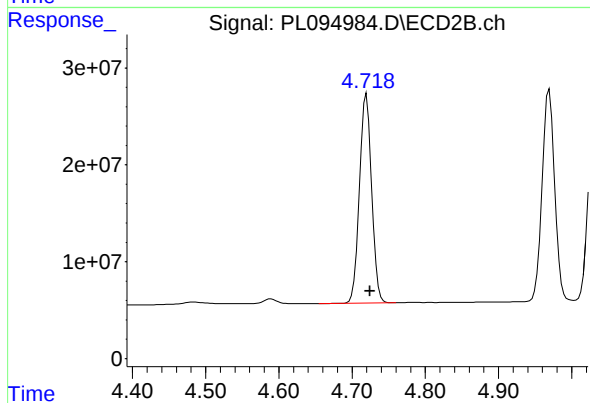
#7 delta-BHC

R.T.: 4.128 min
Delta R.T.: -0.005 min
Response: 275224644
Conc: 55.02 ng/ml



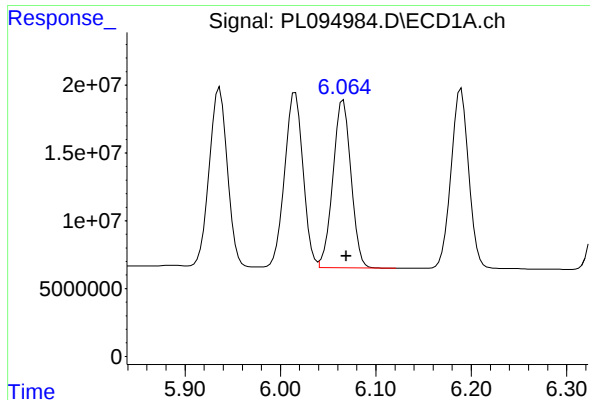
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 169228743
Conc: 50.59 ng/ml



#8 Heptachlor epoxide

R.T.: 4.720 min
Delta R.T.: -0.005 min
Response: 249230317
Conc: 54.43 ng/ml



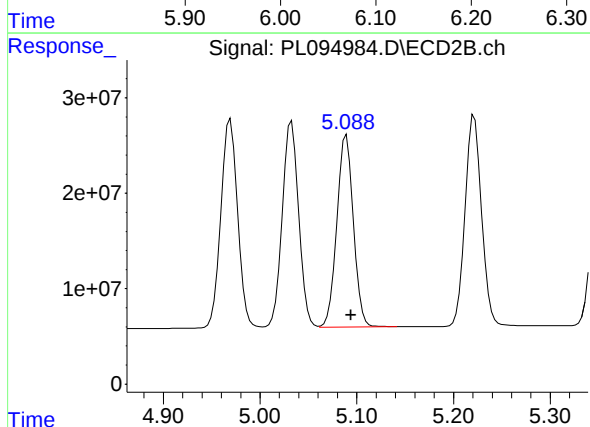
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 161813094
Conc: 52.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167395BS

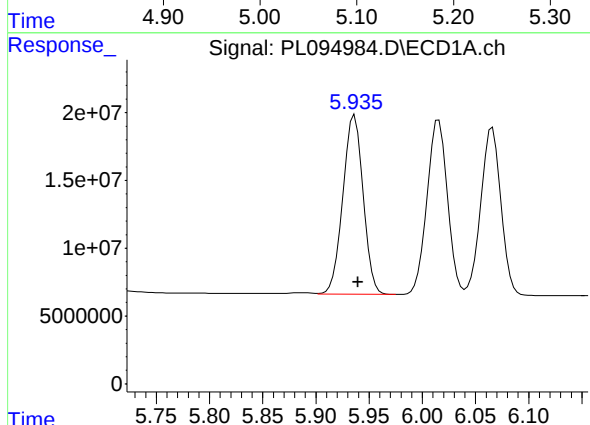
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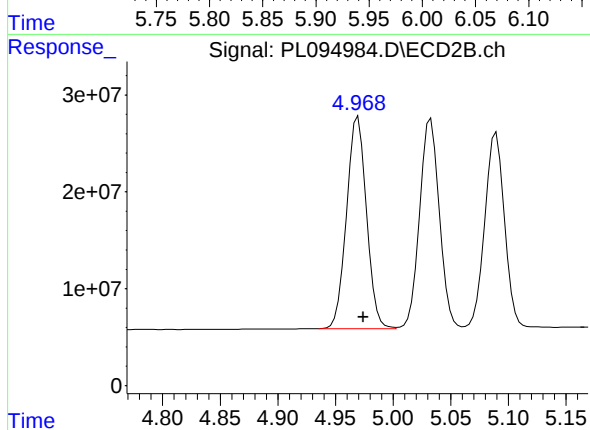
#9 Endosulfan I

R.T.: 5.089 min
Delta R.T.: -0.005 min
Response: 239403042
Conc: 54.55 ng/ml



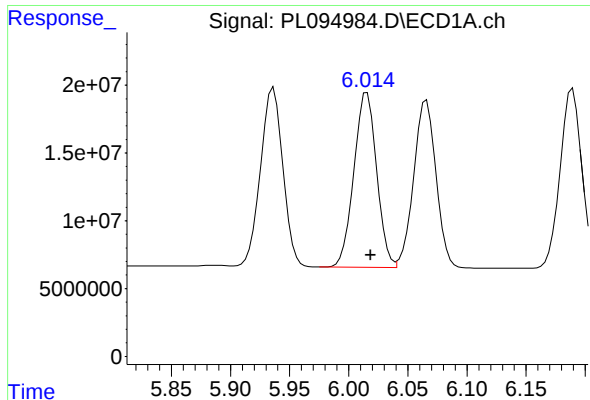
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.003 min
Response: 174078310
Conc: 51.66 ng/ml



#10 gamma-Chlordane

R.T.: 4.968 min
Delta R.T.: -0.006 min
Response: 262402359
Conc: 54.35 ng/ml m



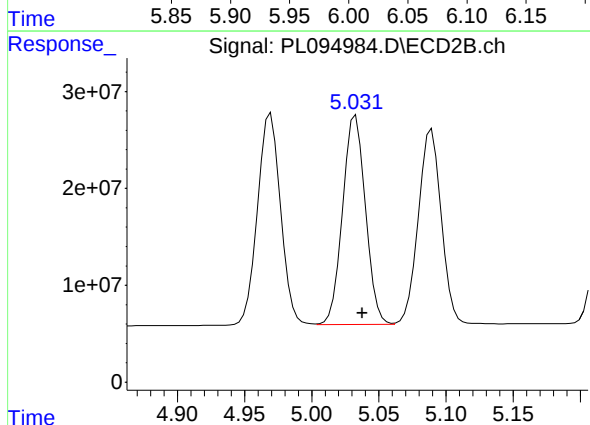
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: -0.003 min
Response: 172379580
Conc: 52.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167395BS

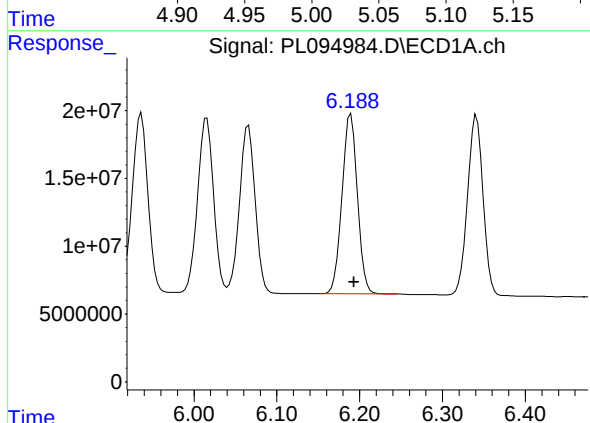
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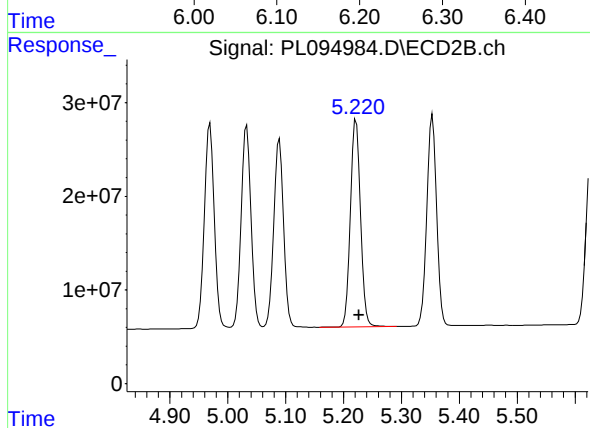
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: -0.005 min
Response: 256682562
Conc: 53.78 ng/ml



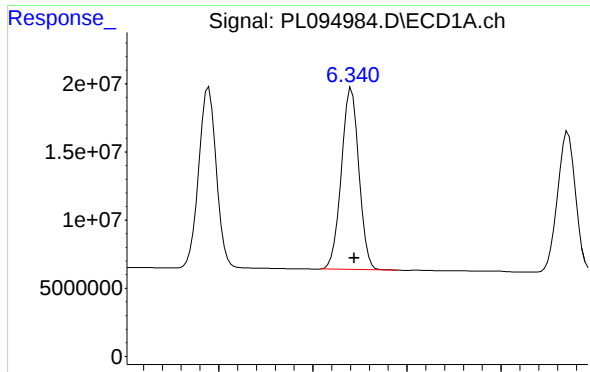
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 171415072
Conc: 58.26 ng/ml



#12 4,4'-DDE

R.T.: 5.222 min
Delta R.T.: -0.005 min
Response: 262645150
Conc: 56.50 ng/ml



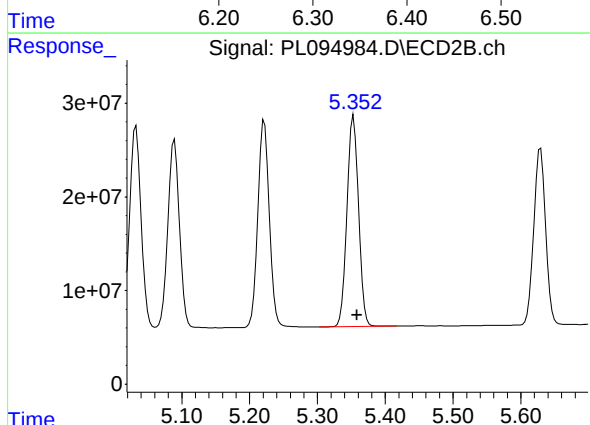
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 172510052
Conc: 53.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167395BS

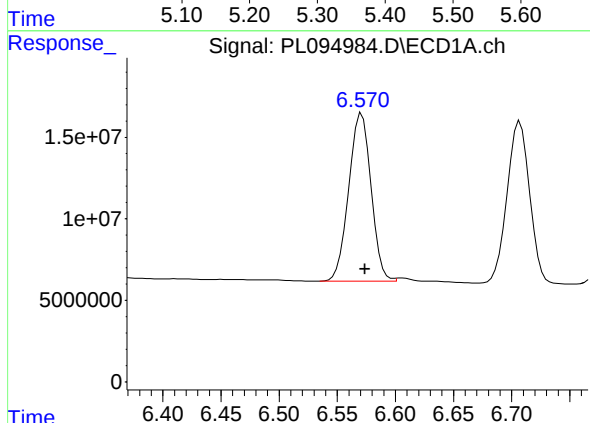
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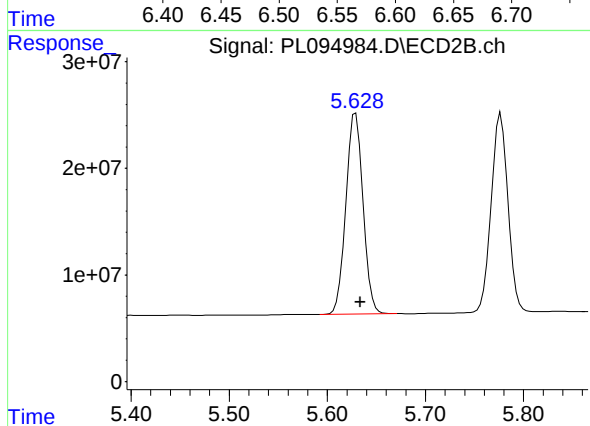
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: -0.005 min
Response: 265357508
Conc: 54.69 ng/ml



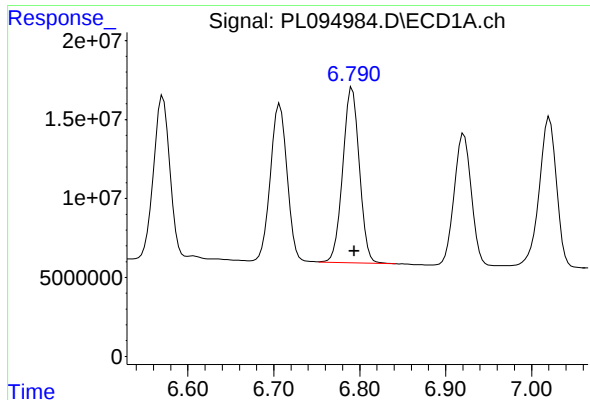
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.004 min
Response: 137215661
Conc: 49.50 ng/ml m



#14 Endrin

R.T.: 5.628 min
Delta R.T.: -0.006 min
Response: 229064480
Conc: 52.49 ng/ml m



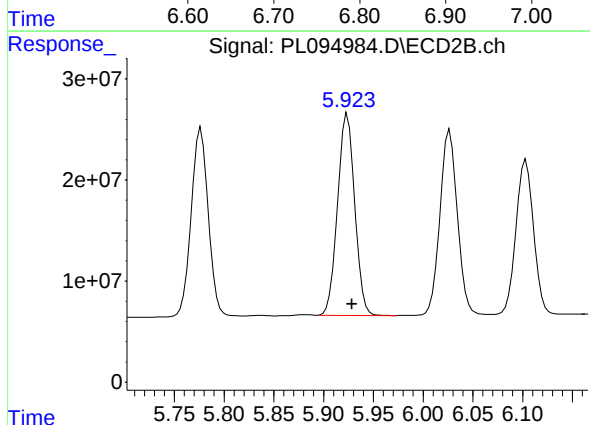
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: -0.002 min
Response: 148426689
Conc: 54.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167395BS

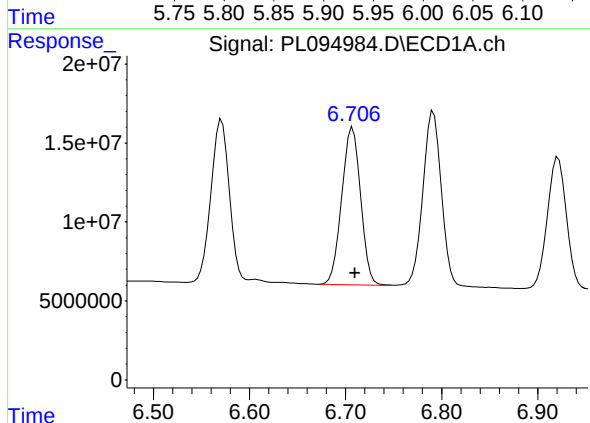
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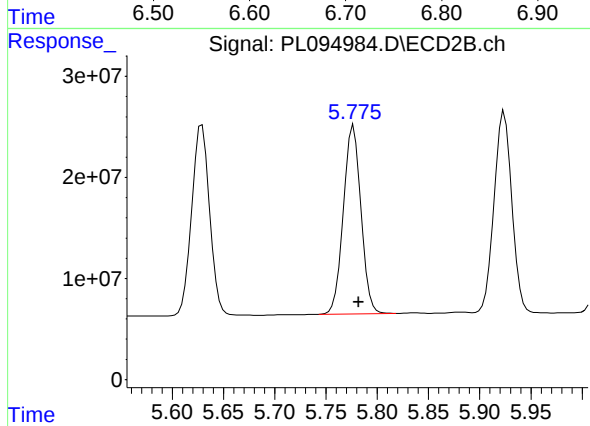
#15 Endosulfan II

R.T.: 5.924 min
Delta R.T.: -0.005 min
Response: 239761244
Conc: 55.39 ng/ml



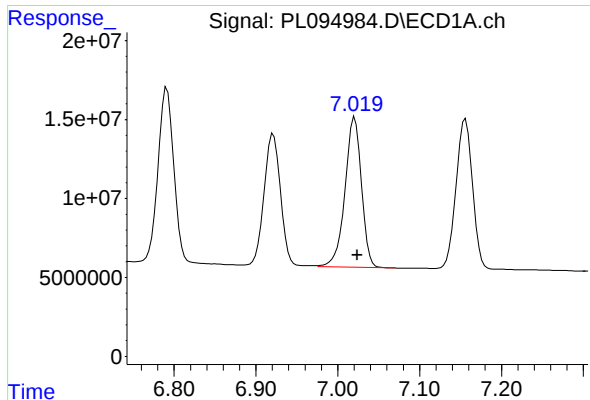
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 135292675
Conc: 62.46 ng/ml



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: -0.005 min
Response: 221685664
Conc: 61.65 ng/ml



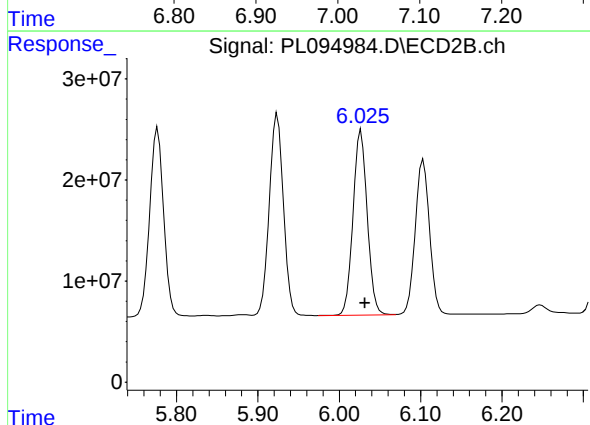
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 132898287
Conc: 55.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167395BS

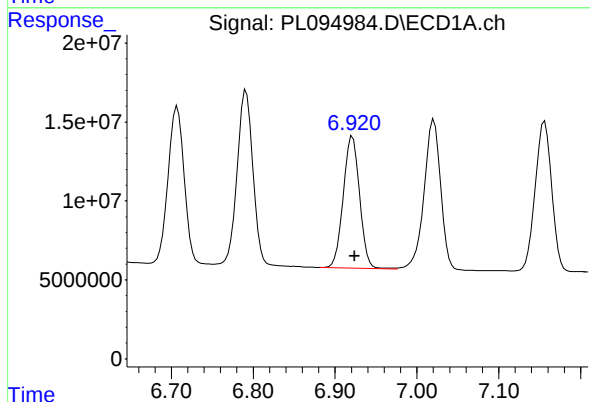
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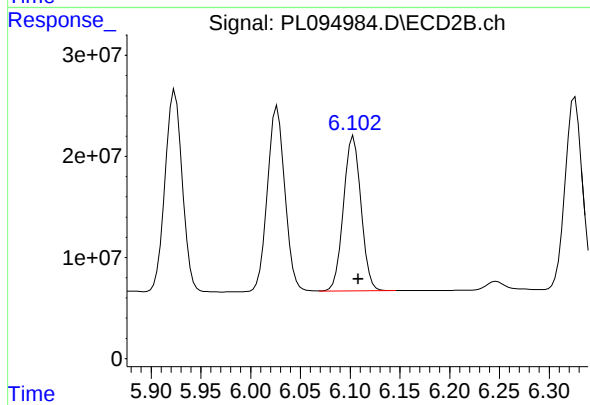
#17 4,4'-DDT

R.T.: 6.027 min
Delta R.T.: -0.005 min
Response: 223516127
Conc: 55.43 ng/ml



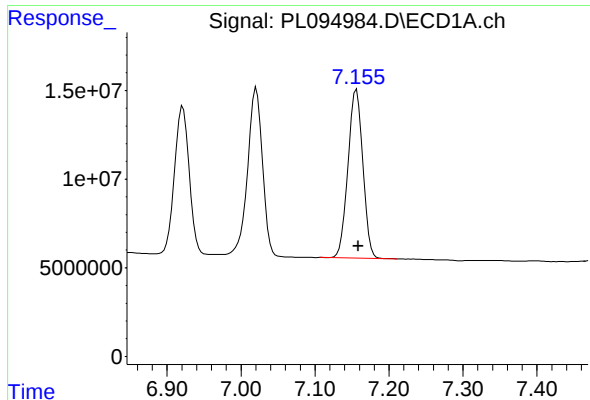
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.002 min
Response: 116154668
Conc: 55.02 ng/ml



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: -0.005 min
Response: 187988138
Conc: 55.86 ng/ml



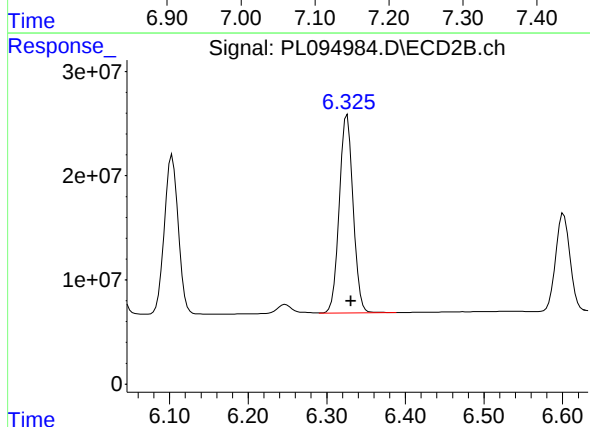
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: -0.003 min
Response: 132896189
Conc: 54.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167395BS

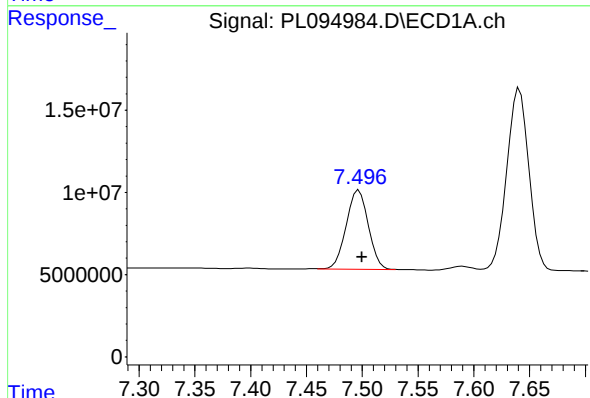
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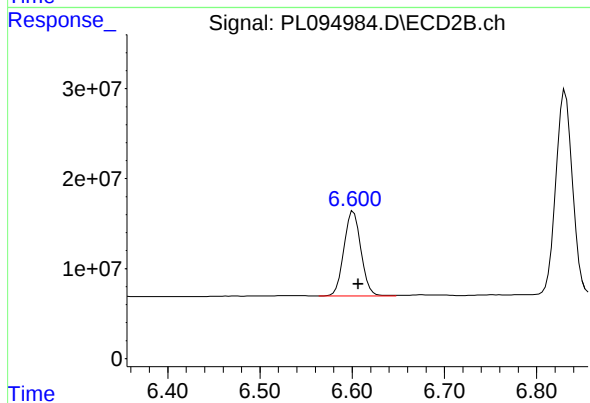
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: -0.005 min
Response: 232089544
Conc: 56.98 ng/ml



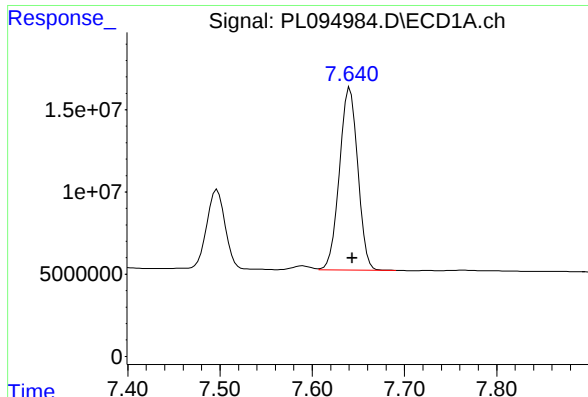
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: -0.004 min
Response: 66397561
Conc: 55.47 ng/ml m



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: -0.006 min
Response: 120835853
Conc: 56.97 ng/ml



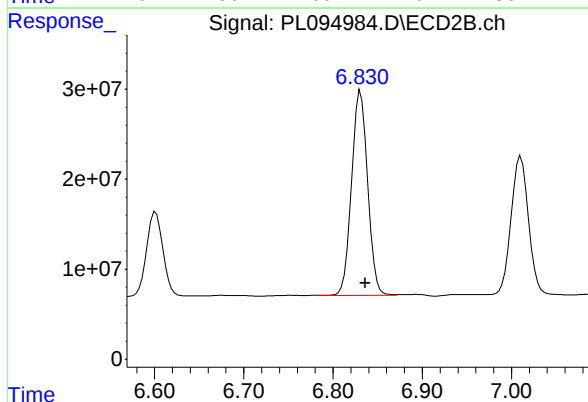
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 152953186
Conc: 57.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167395BS

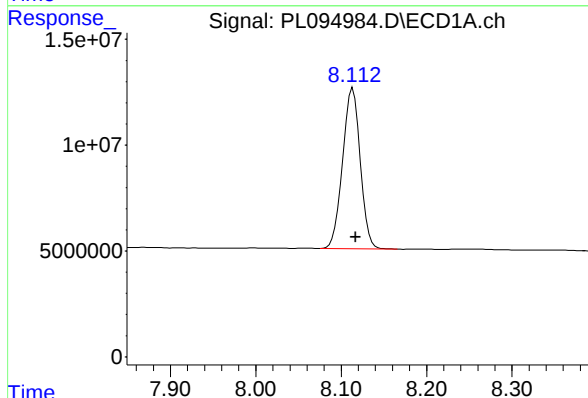
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/02/2025
Supervised By :mohammad ahmed 04/03/2025



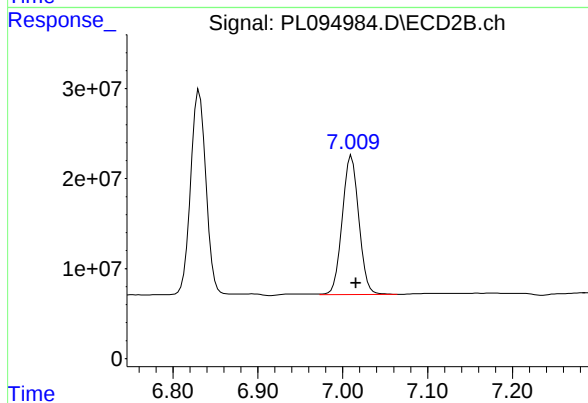
#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: -0.006 min
Response: 286324273
Conc: 59.99 ng/ml m



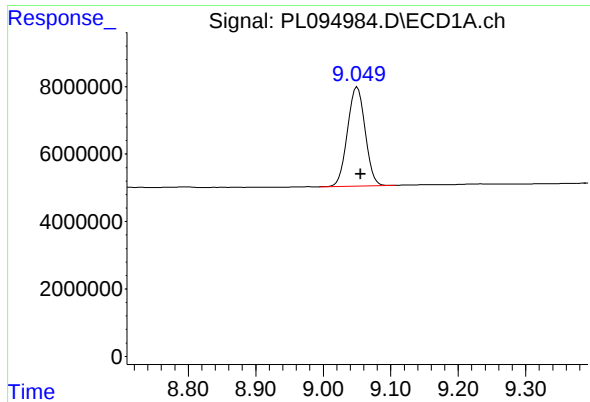
#22 Mirex

R.T.: 8.114 min
Delta R.T.: -0.003 min
Response: 108800164
Conc: 52.65 ng/ml



#22 Mirex

R.T.: 7.009 min
Delta R.T.: -0.007 min
Response: 210877996
Conc: 55.56 ng/ml m



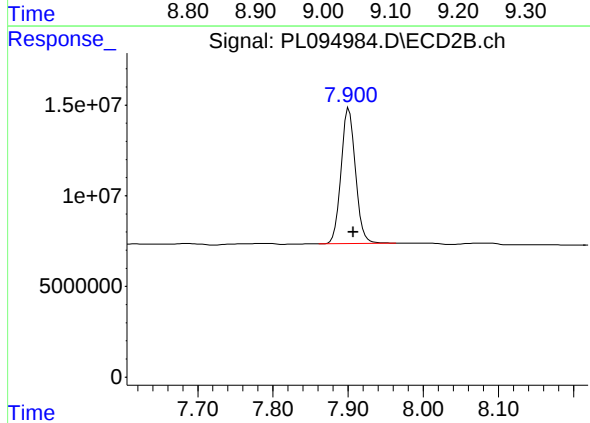
#28 Decachlorobiphenyl

R.T.: 9.050 min
Delta R.T.: -0.005 min
Response: 53752491
Conc: 25.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167395BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/02/2025
Supervised By :mohammad ahmed 04/03/2025



#28 Decachlorobiphenyl

R.T.: 7.901 min
Delta R.T.: -0.006 min
Response: 99285819
Conc: 24.58 ng/ml