

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032125\
 Data File : PL094785.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Mar 2025 13:23
 Operator : AR\AJ
 Sample : PB167223BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167223BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/24/2025
 Supervised By :mohammad ahmed 03/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 13:34:54 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	2.770	59053316	81329173	20.862	22.786
28)	SA Decachlor...	9.055	7.905	58117612	99993481	27.577	24.755
Target Compounds							
2)	A alpha-BHC	3.993	3.273	198.6E6	292.3E6	47.828	54.215
3)	MA gamma-BHC...	4.325	3.602	192.8E6	271.1E6	48.325	52.748
4)	MA Heptachlor	4.914	3.940	185.0E6	277.2E6	47.652	52.608
5)	MB Aldrin	5.255	4.220	178.1E6	256.2E6	48.249	52.547
6)	B beta-BHC	4.524	3.903	89141729	123.9E6	48.310	55.782
7)	B delta-BHC	4.772	4.131	205.0E6	270.7E6	52.644	54.109
8)	B Heptachlo...	5.682	4.722	165.0E6	245.6E6	49.316	53.638
9)	A Endosulfan I	6.068	5.092	158.5E6	228.8E6	51.616	52.138
10)	B gamma-Chl...	5.939	4.972	170.9E6	257.7E6	50.714	53.365
11)	B alpha-Chl...	6.018	5.035	168.3E6	253.8E6	51.037	53.179
12)	B 4,4'-DDE	6.191	5.223	167.3E6	259.0E6	56.861	55.725m
13)	MA Dieldrin	6.343	5.354	166.9E6	262.3E6	52.197	54.066m
14)	MA Endrin	6.573	5.630	140.8E6	242.8E6	50.781	55.633m
15)	B Endosulfa...	6.794	5.926	144.6E6	237.1E6	53.268	54.772
16)	A 4,4'-DDD	6.709	5.779	127.9E6	212.3E6	59.048	59.040
17)	MA 4,4'-DDT	7.023	6.029	141.0E6	236.5E6	59.267	58.655
18)	B Endrin al...	6.924	6.106	113.6E6	183.6E6	53.792	54.570
19)	B Endosulfa...	7.159	6.329	132.9E6	231.7E6	54.648	56.883
20)	A Methoxychlor	7.499	6.605	74979131	127.3E6	62.635	60.029
21)	B Endrin ke...	7.643	6.833	148.8E6	271.0E6	56.291	56.788m
22)	Mirex	8.116	7.012	109.4E6	200.6E6	52.952	52.859m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031215\
Data File : PL094785.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Mar 2025 13:23
Operator : AR\AJ
Sample : PB167223BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

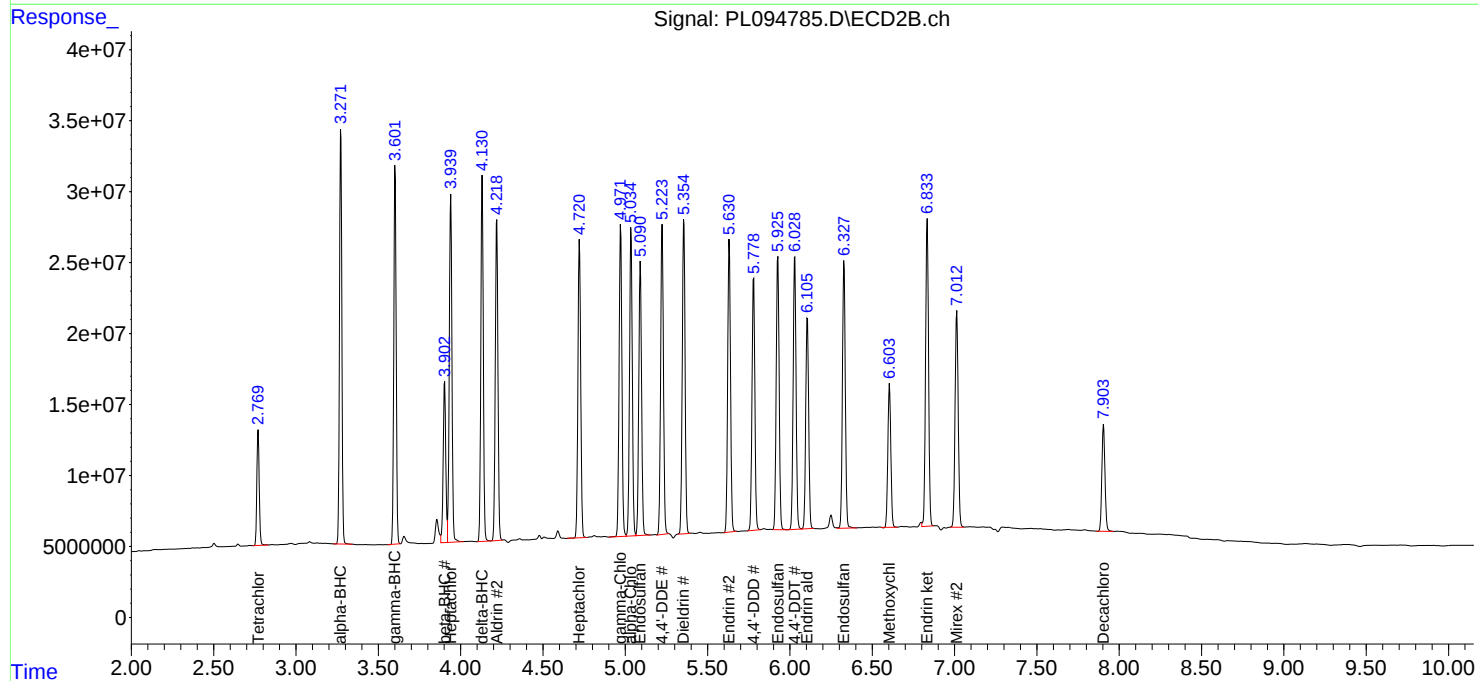
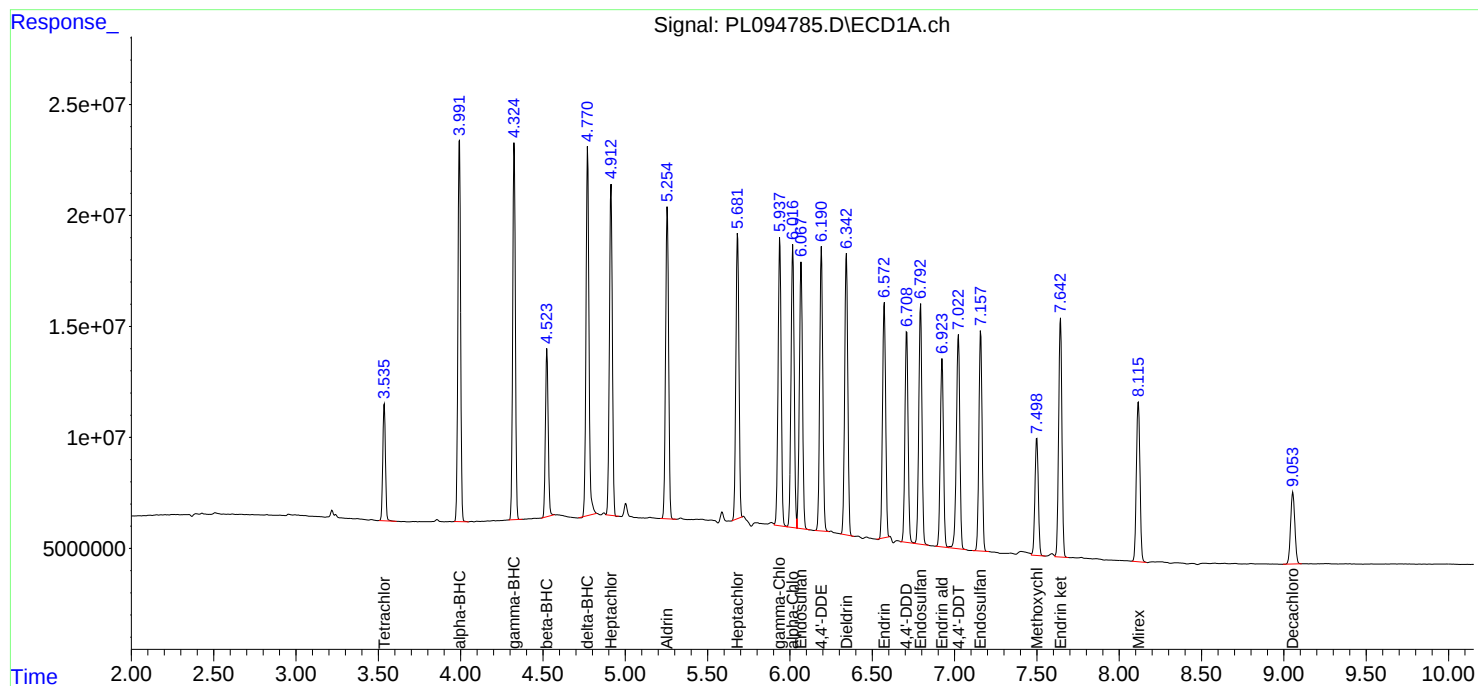
Instrument :
ECD_L
ClientSampleId :
PB167223BS

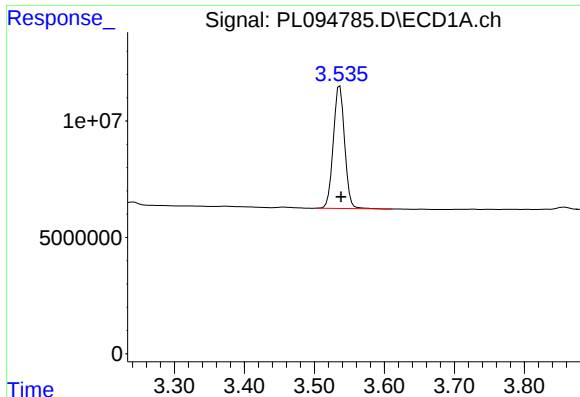
Manual Integrations
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Supervised By :mohammad ahmed 03/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 21 13:34:54 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





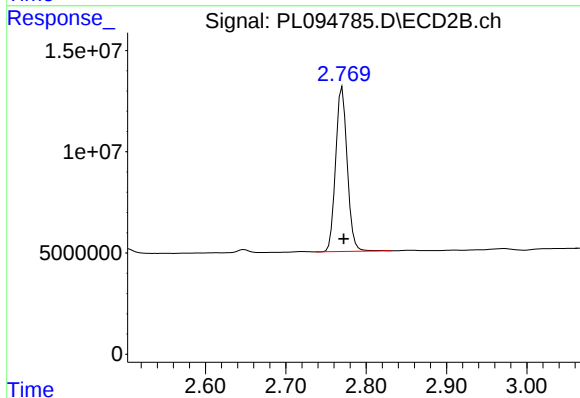
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.002 min
Response: 59053316
Conc: 20.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167223BS

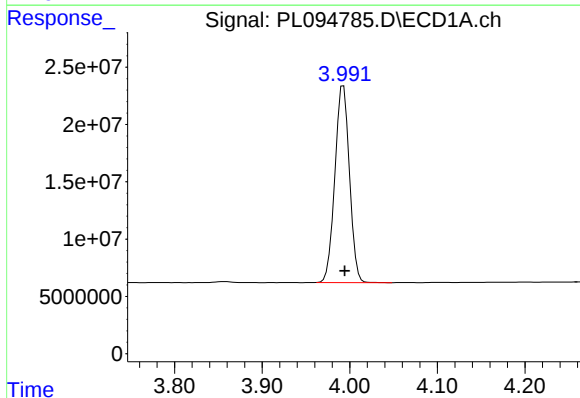
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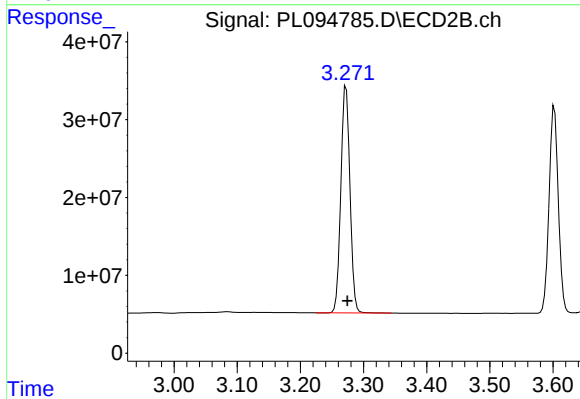
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 81329173
Conc: 22.79 ng/ml



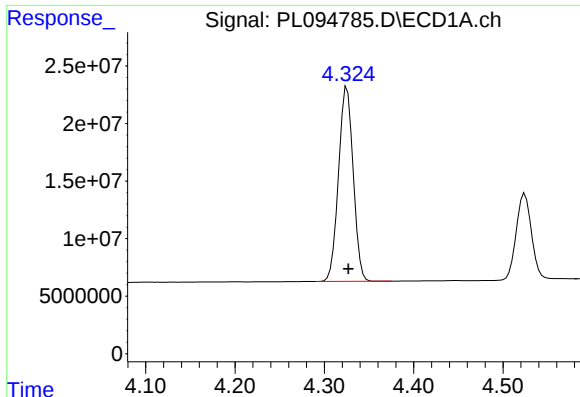
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 198600098
Conc: 47.83 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: -0.002 min
Response: 292291428
Conc: 54.21 ng/ml



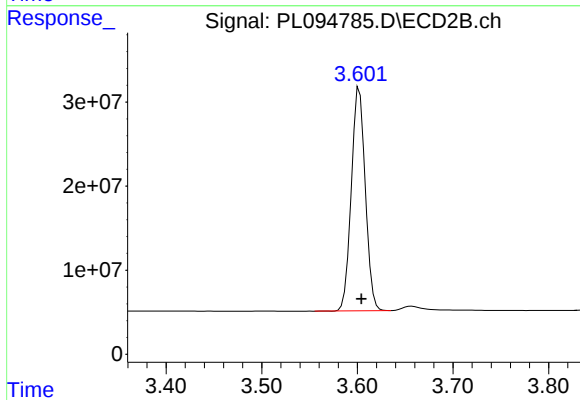
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 192831635
Conc: 48.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167223BS

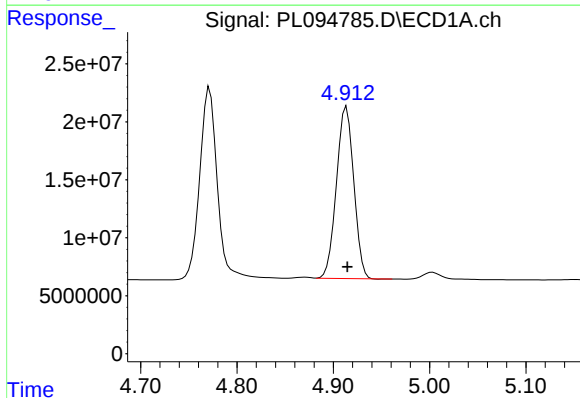
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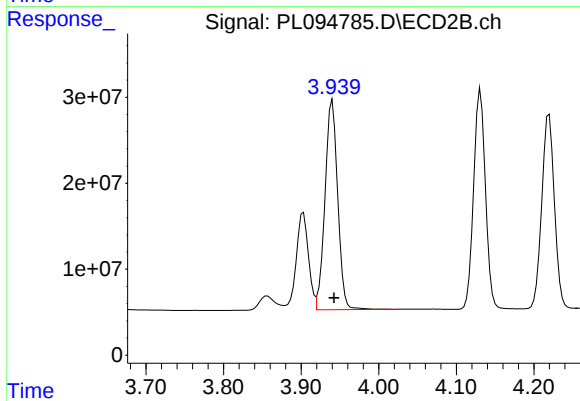
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: -0.002 min
Response: 271095656
Conc: 52.75 ng/ml



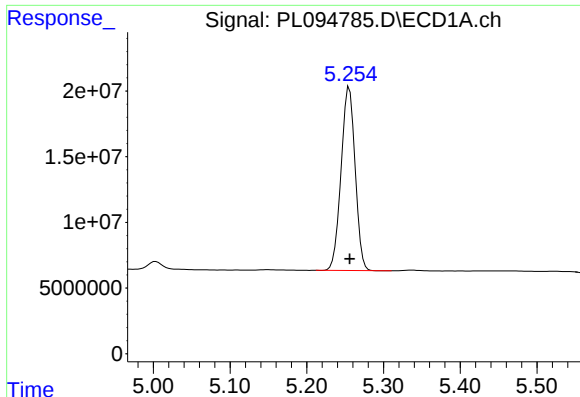
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 184967880
Conc: 47.65 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: -0.002 min
Response: 277170366
Conc: 52.61 ng/ml



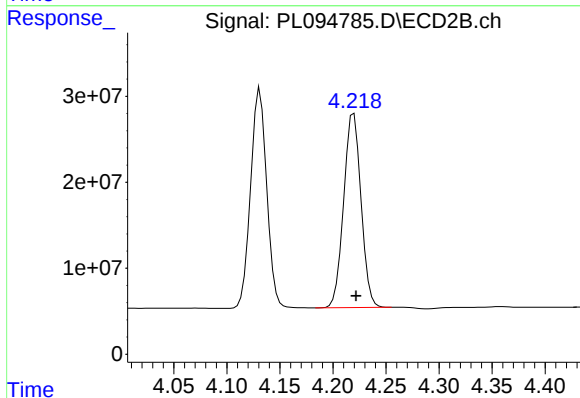
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: 0.000 min
Response: 178146028
Conc: 48.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167223BS

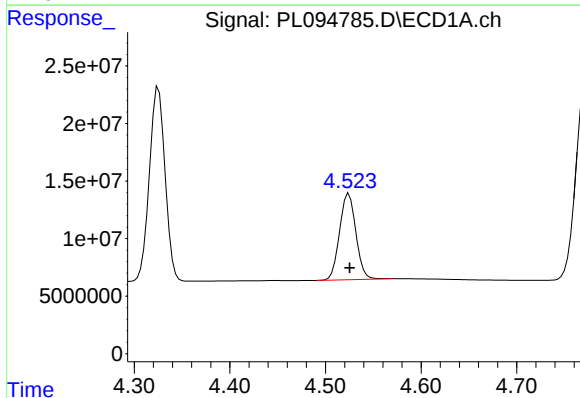
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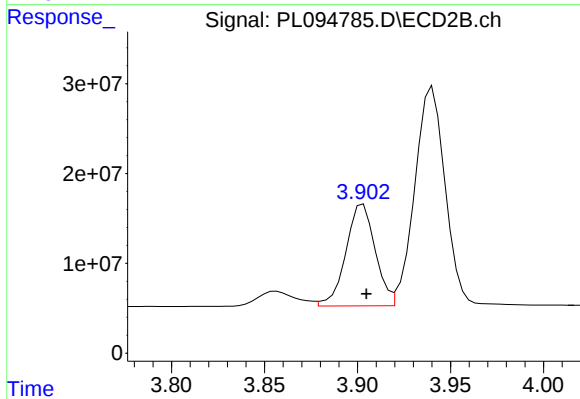
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: -0.002 min
Response: 256237960
Conc: 52.55 ng/ml



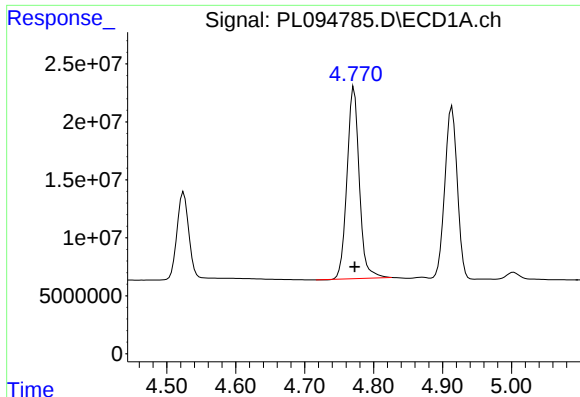
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 89141729
Conc: 48.31 ng/ml



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: -0.002 min
Response: 123908332
Conc: 55.78 ng/ml



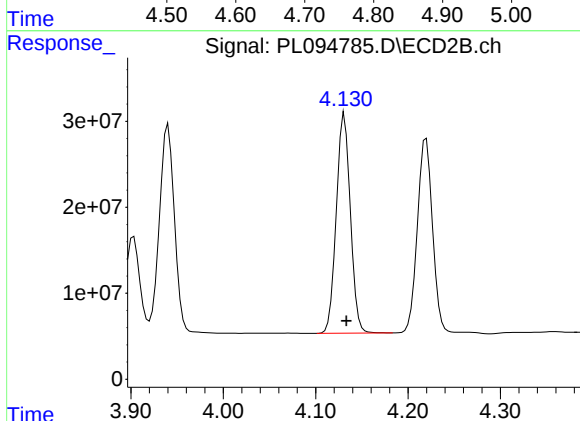
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: -0.001 min
Response: 205012204
Conc: 52.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167223BS

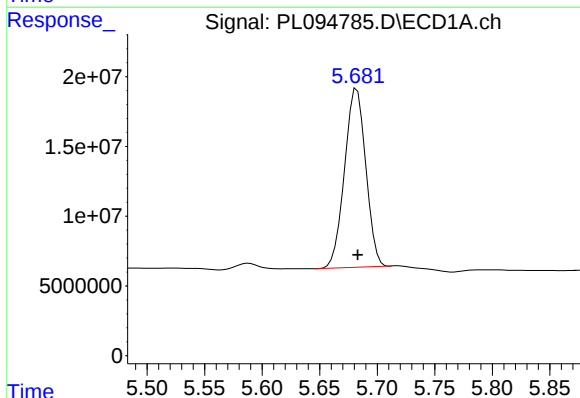
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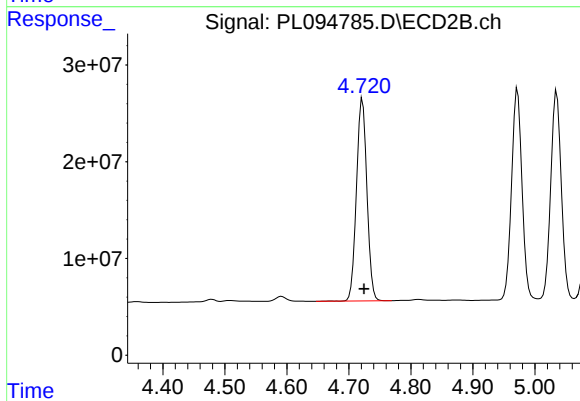
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.002 min
Response: 270650737
Conc: 54.11 ng/ml



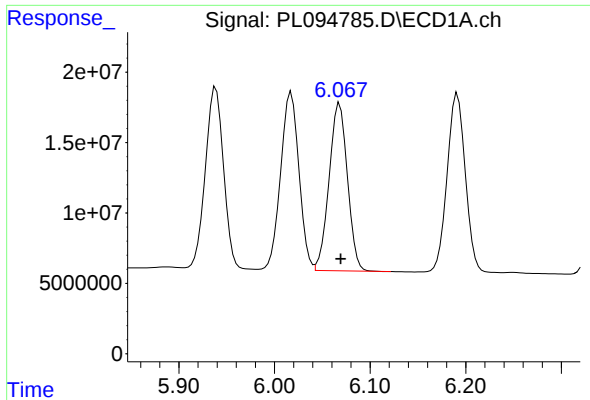
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 164970911
Conc: 49.32 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: -0.003 min
Response: 245585103
Conc: 53.64 ng/ml



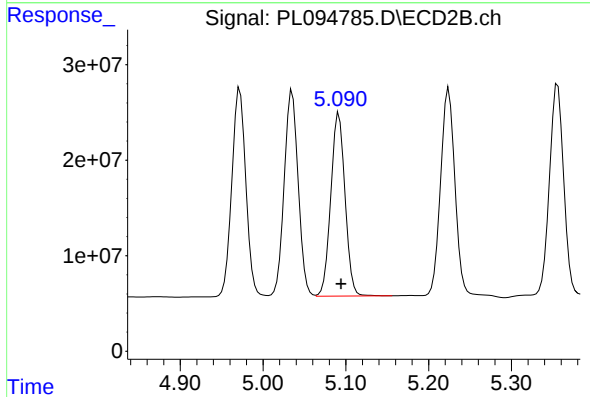
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 158473052
Conc: 51.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167223BS

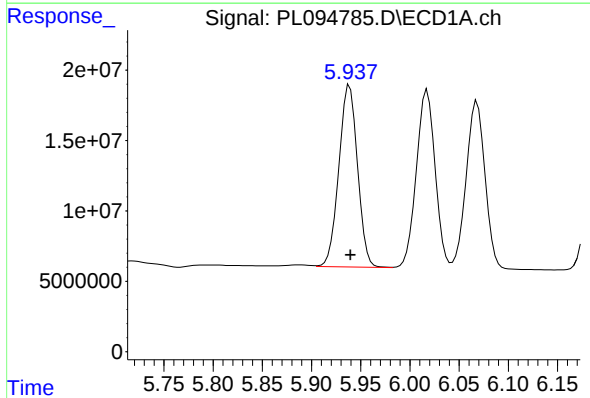
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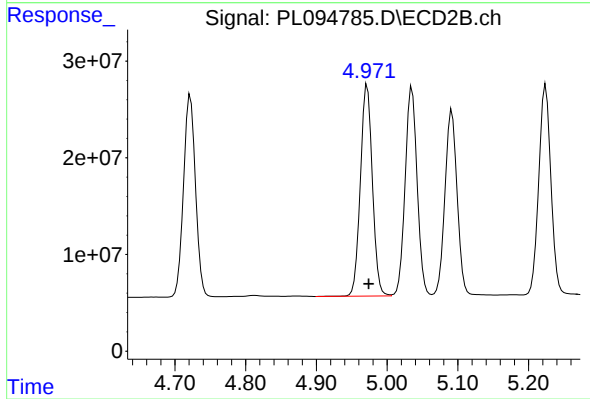
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: -0.002 min
Response: 228818758
Conc: 52.14 ng/ml



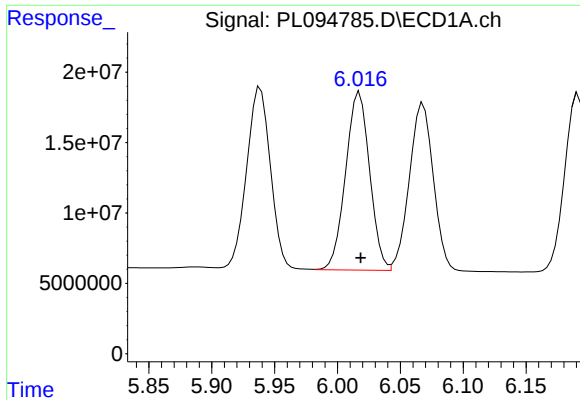
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 170873792
Conc: 50.71 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: -0.002 min
Response: 257667402
Conc: 53.36 ng/ml



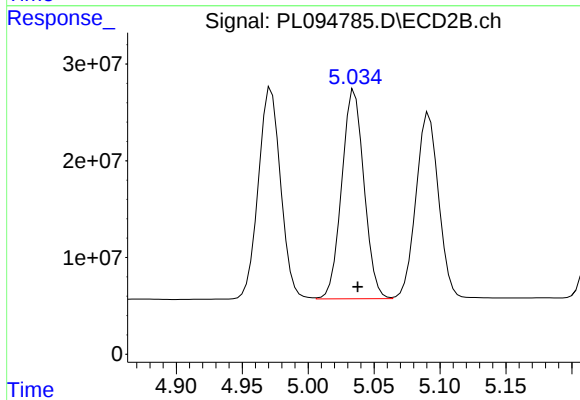
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 168259539
Conc: 51.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167223BS

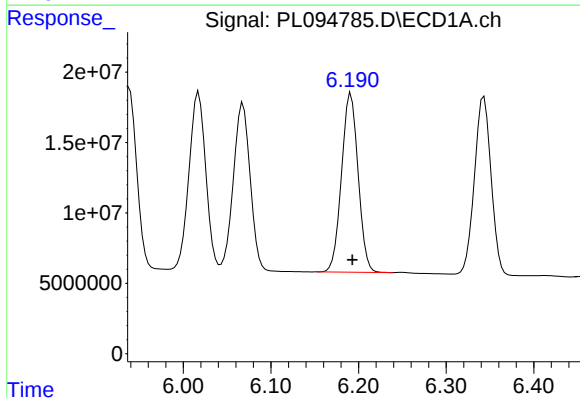
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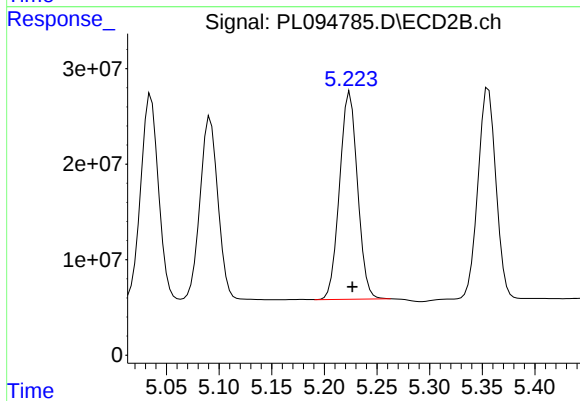
#11 alpha-Chlordane

R.T.: 5.035 min
Delta R.T.: -0.002 min
Response: 253808843
Conc: 53.18 ng/ml



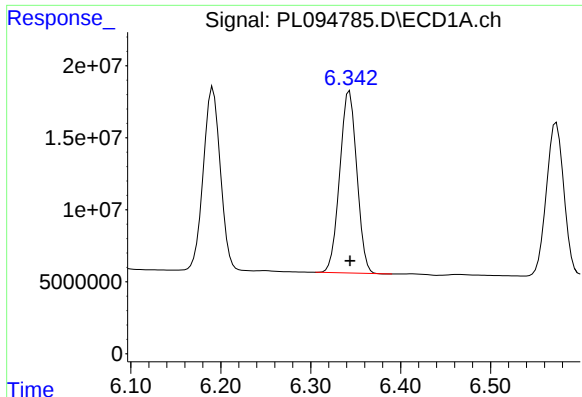
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.002 min
Response: 167288078
Conc: 56.86 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: -0.004 min
Response: 259038697
Conc: 55.72 ng/ml m



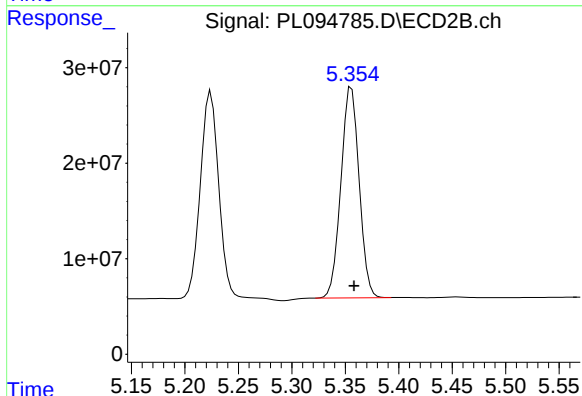
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 166934265
Conc: 52.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167223BS

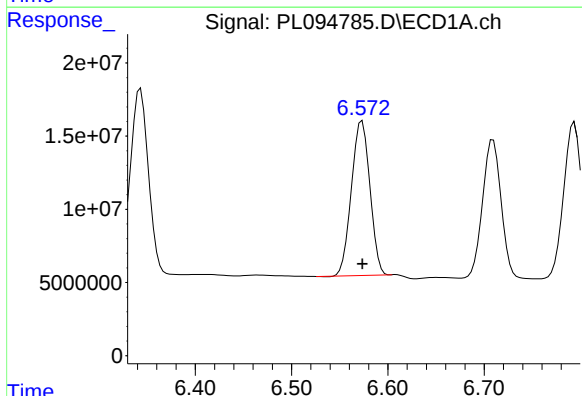
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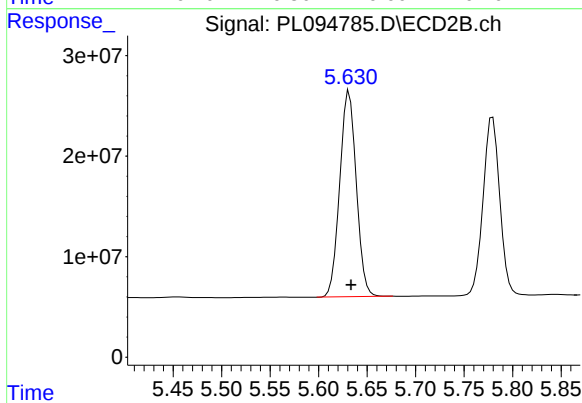
#13 Dieldrin

R.T.: 5.354 min
Delta R.T.: -0.004 min
Response: 262316854
Conc: 54.07 ng/ml m



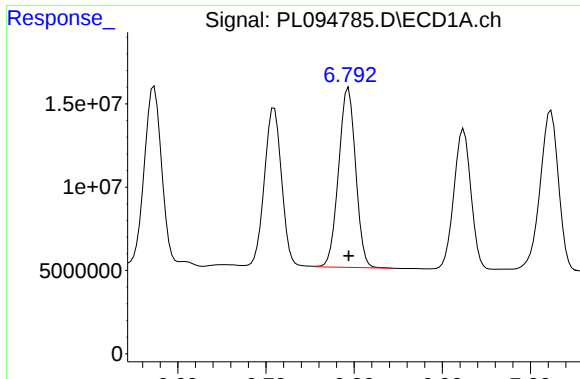
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 140769885
Conc: 50.78 ng/ml



#14 Endrin

R.T.: 5.630 min
Delta R.T.: -0.003 min
Response: 242761873
Conc: 55.63 ng/ml m



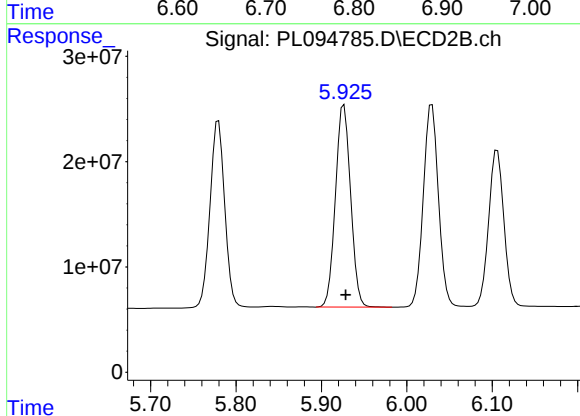
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 144608866
Conc: 53.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167223BS

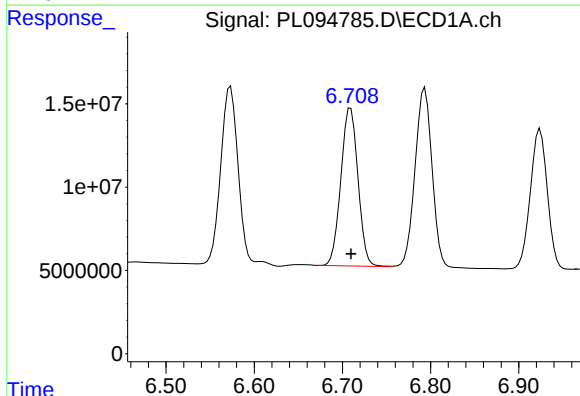
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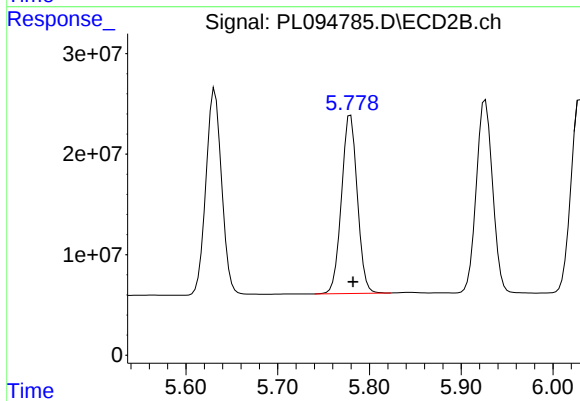
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.002 min
Response: 237065520
Conc: 54.77 ng/ml



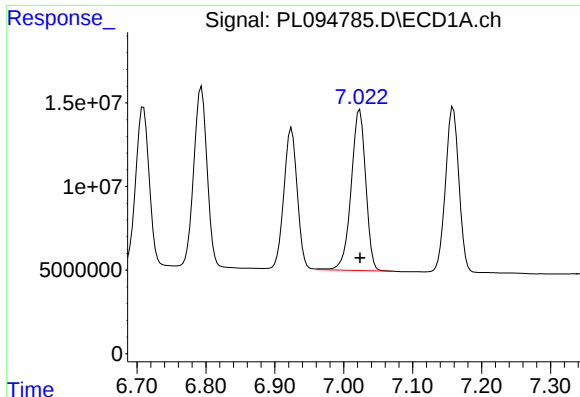
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 127901521
Conc: 59.05 ng/ml



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 212300374
Conc: 59.04 ng/ml



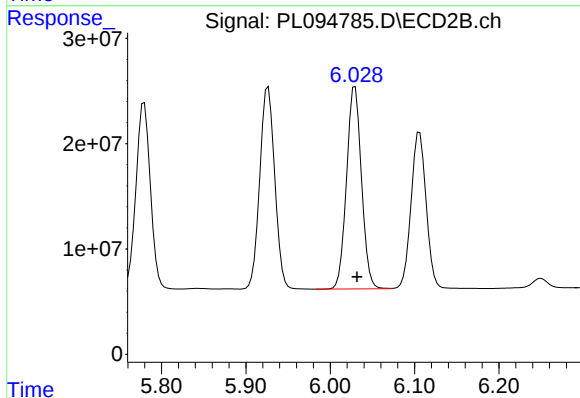
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 140967698
Conc: 59.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167223BS

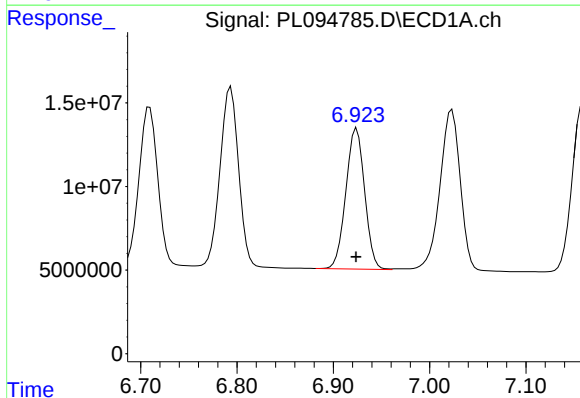
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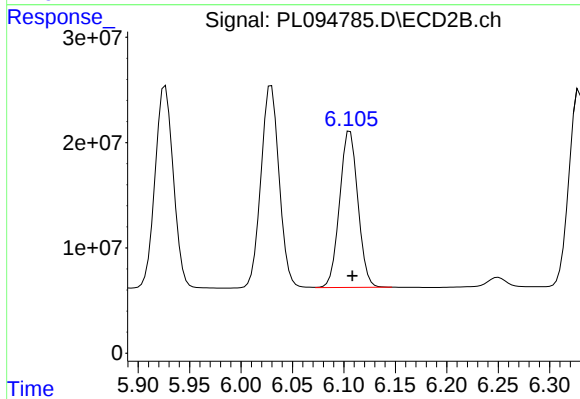
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.002 min
Response: 236502814
Conc: 58.65 ng/ml



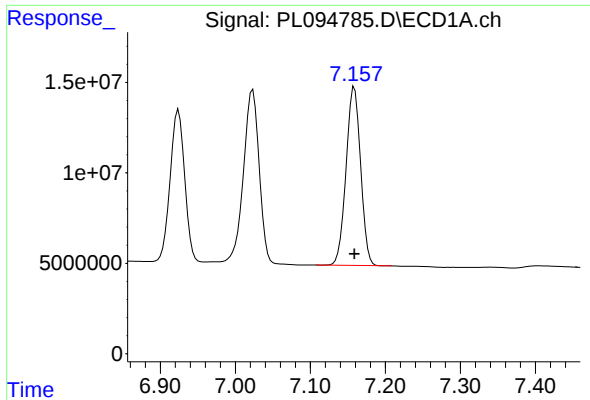
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 113553591
Conc: 53.79 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 183647912
Conc: 54.57 ng/ml



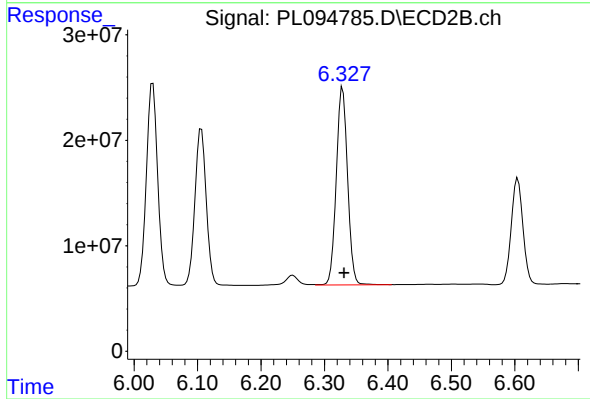
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.000 min
Response: 132905425
Conc: 54.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167223BS

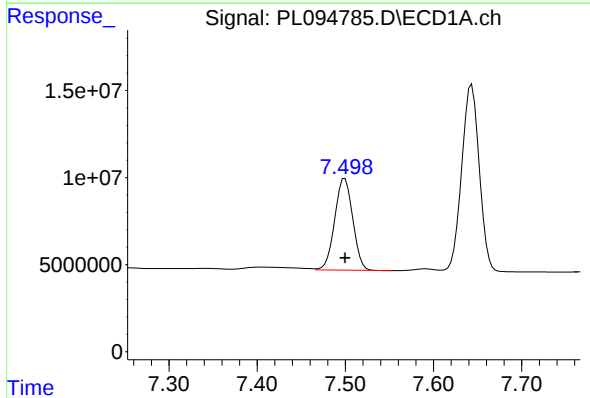
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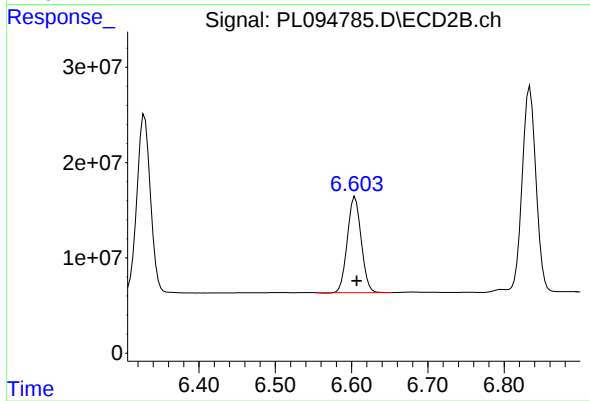
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.002 min
Response: 231708706
Conc: 56.88 ng/ml



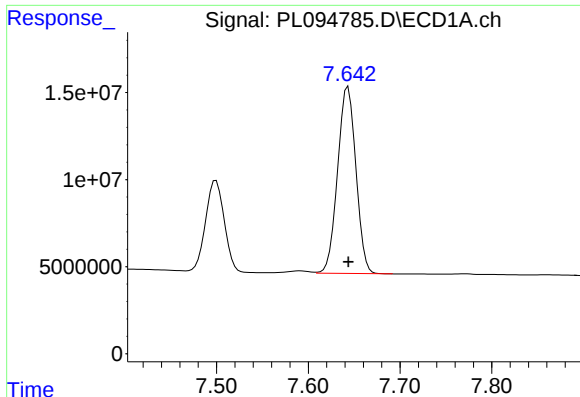
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 74979131
Conc: 62.64 ng/ml



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: -0.002 min
Response: 127325691
Conc: 60.03 ng/ml



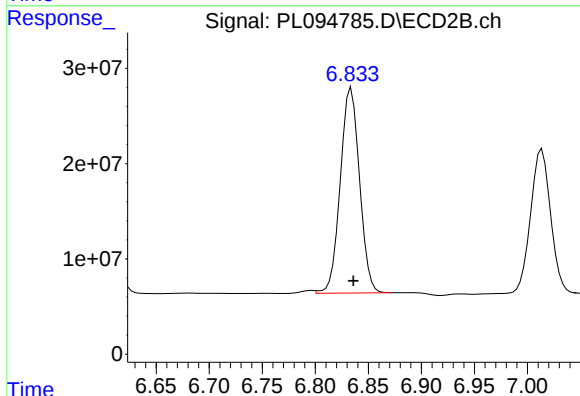
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 148791578
Conc: 56.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167223BS

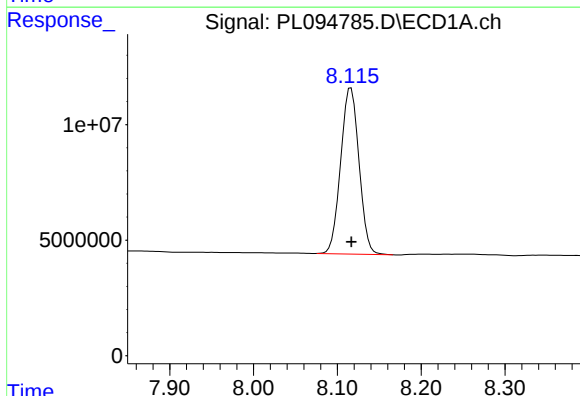
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/24/2025
Supervised By :mohammad ahmed 03/25/2025



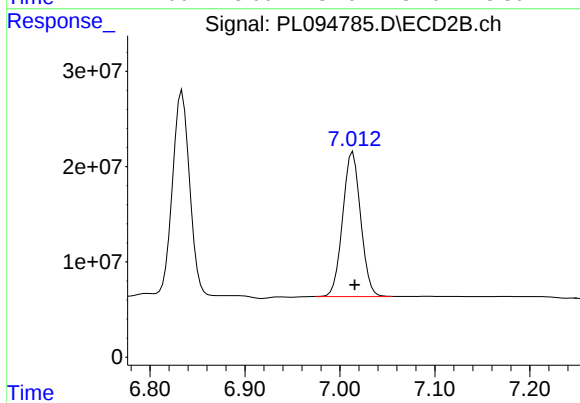
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: -0.003 min
Response: 271024595
Conc: 56.79 ng/ml m



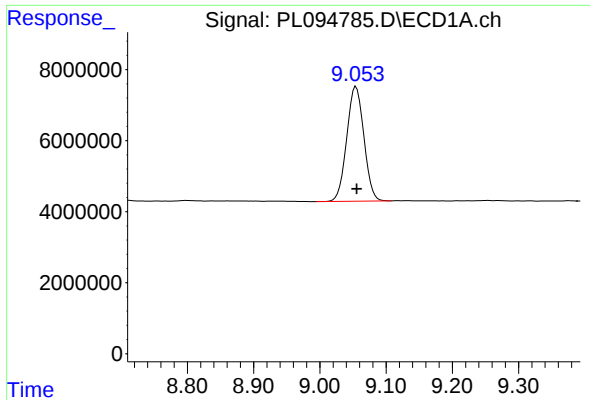
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 109414591
Conc: 52.95 ng/ml



#22 Mirex

R.T.: 7.012 min
Delta R.T.: -0.003 min
Response: 200615483
Conc: 52.86 ng/ml m



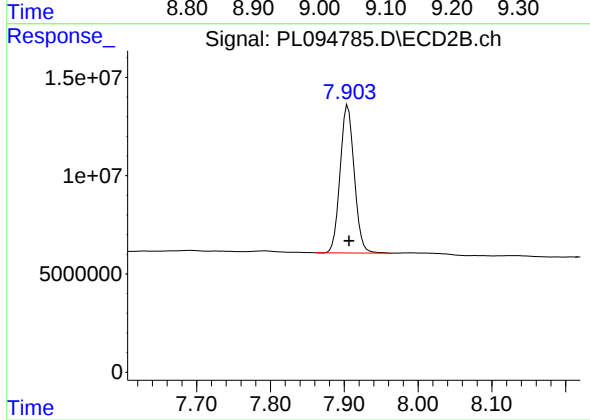
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.000 min
Response: 58117612
Conc: 27.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167223BS

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 03/25/2025



#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: -0.002 min
Response: 99993481
Conc: 24.75 ng/ml