

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032525\
 Data File : PL094844.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Mar 2025 17:28
 Operator : AR\AJ
 Sample : Q1630-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ-206MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/26/2025
 Supervised By :mohammad ahmed 03/27/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 26 02:16:15 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...	3.535	2.769	45009228	59458140	15.901m	16.658m
28) SA Decachlor...	9.052	7.903	32730214	57286055	15.531	14.182
Target Compounds						
2) A alpha-BHC	3.992	3.272	176.5E6	260.4E6	42.499	48.306
3) MA gamma-BHC...	4.324	3.600	190.0E6	231.6E6	47.606m	45.062m
4) MA Heptachlor	4.913	3.938	166.4E6	242.1E6	42.868	45.945m
5) MB Aldrin	5.255	4.218	162.0E6	234.6E6	43.865	48.101
6) B beta-BHC	4.524	3.901	67015973	114.8E6	36.319m	51.675m#
7) B delta-BHC	4.770	4.129	139.4E6	175.6E6	35.797m	35.109m
8) B Heptachlo...	5.682	4.720	147.9E6	224.2E6	44.211	48.972m
9) A Endosulfan I	6.066	5.091	137.8E6	153.1E6	44.879m	34.877m
10) B gamma-Chl...	5.936	4.970	154.5E6	240.1E6	45.841m	49.727m
11) B alpha-Chl...	6.015	5.033	156.6E6	230.4E6	47.498m	48.276m
12) B 4,4'-DDE	6.190	5.222	115.7E6	236.5E6	39.317	50.871m#
13) MA Dieldrin	6.342	5.354	147.5E6	225.6E6	46.126	46.496m
14) MA Endrin	6.571	5.629	125.2E6	215.9E6	45.181m	49.474m
15) B Endosulfa...	6.792	5.926	130.3E6	206.1E6	48.010	47.619
16) A 4,4'-DDD	6.707	5.778	115.7E6	169.3E6	53.434m	47.080
17) MA 4,4'-DDT	7.021	6.028	117.3E6	197.6E6	49.309	49.018
18) B Endrin al...	6.923	6.105	95995869	154.6E6	45.474	45.945
19) B Endosulfa...	7.157	6.328	113.3E6	196.8E6	46.571	48.303
20) A Methoxychlor	7.498	6.603	60737149	107.8E6	50.738	50.834
21) B Endrin ke...	7.641	6.831	148.7E6	225.0E6	56.258m	47.138m
22) Mirex	8.114	7.012	94851535	185.4E6	45.904	48.837

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032525\
Data File : PL094844.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Mar 2025 17:28
Operator : AR\AJ
Sample : Q1630-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

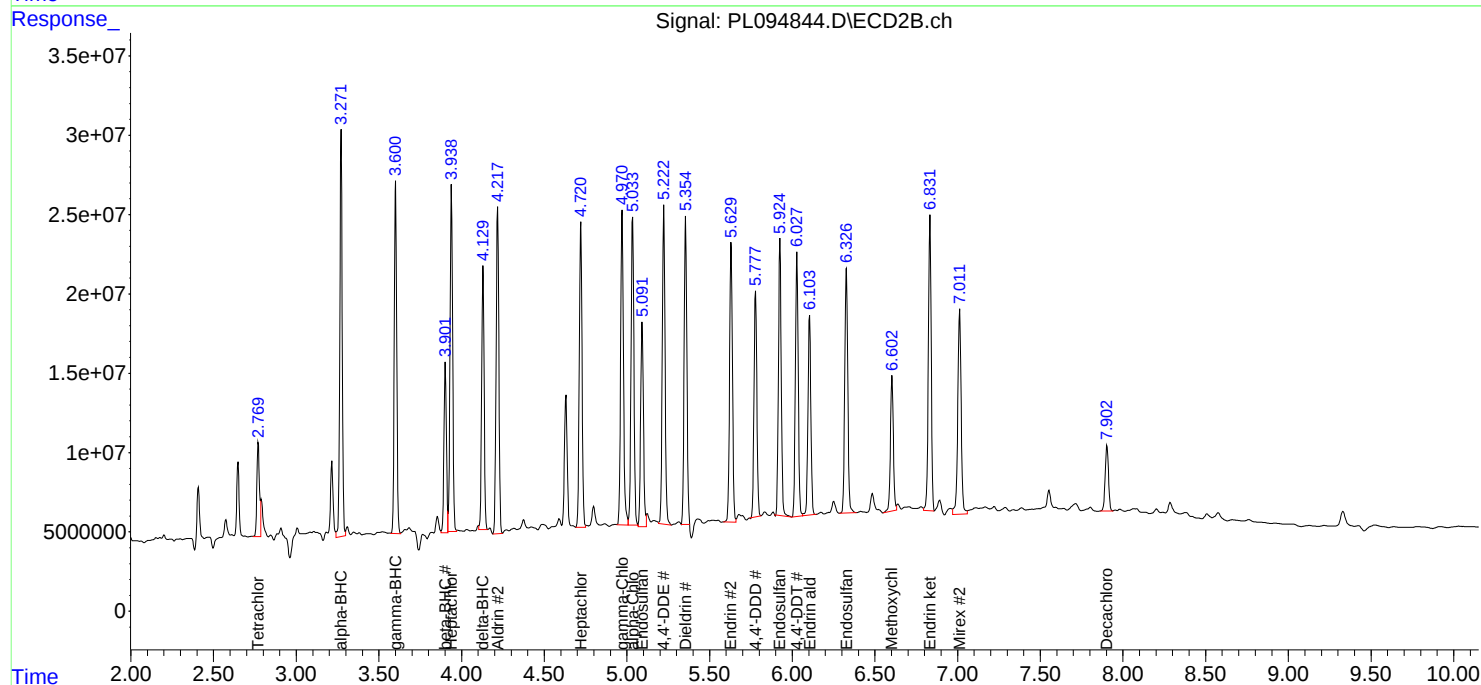
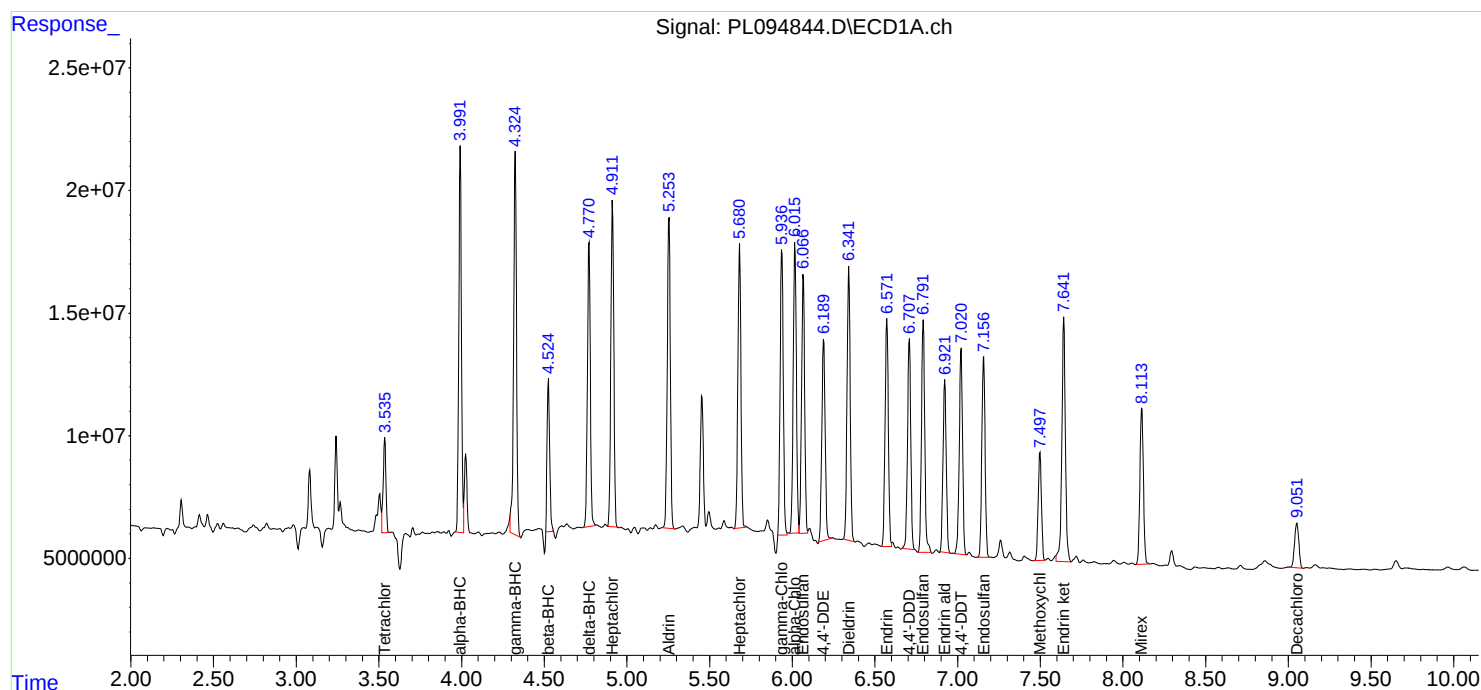
Instrument :
ECD_L
ClientSampleId :
VNJ-206MS

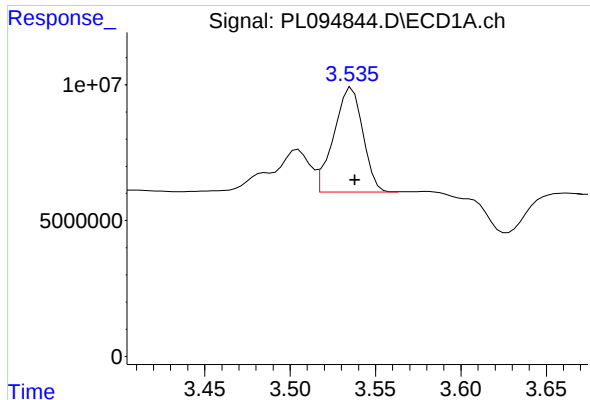
Manual Integrations
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Supervised By :mohammad ahmed 03/27/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 26 02:16:15 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





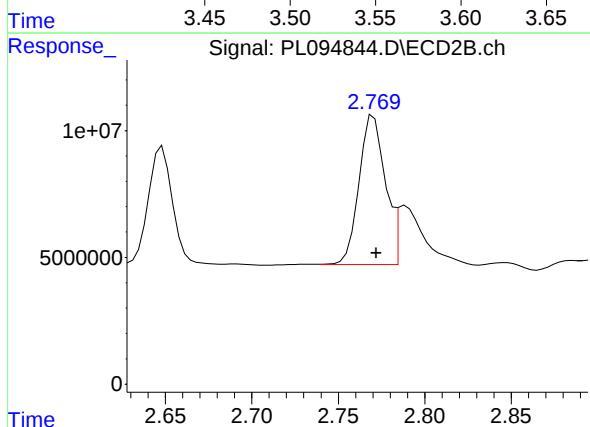
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 45009228
Conc: 15.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-206MS

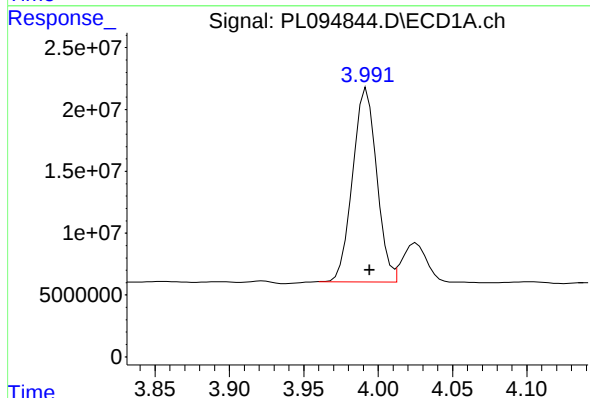
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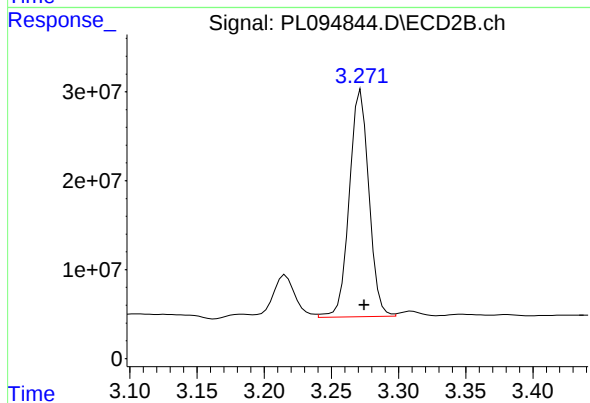
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 59458140
Conc: 16.66 ng/ml



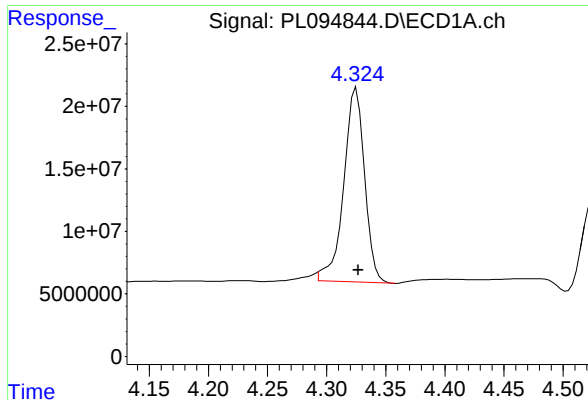
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 176468815
Conc: 42.50 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: -0.002 min
Response: 260433714
Conc: 48.31 ng/ml



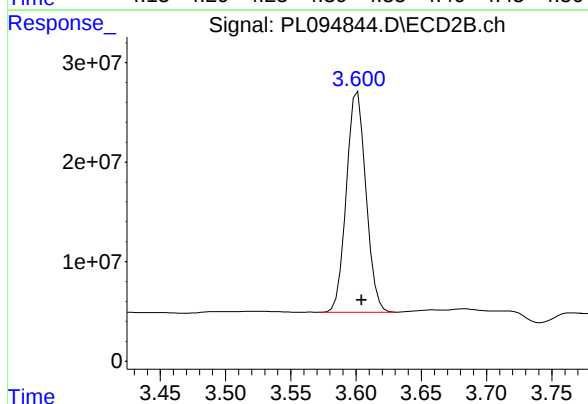
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 189962413
Conc: 47.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-206MS

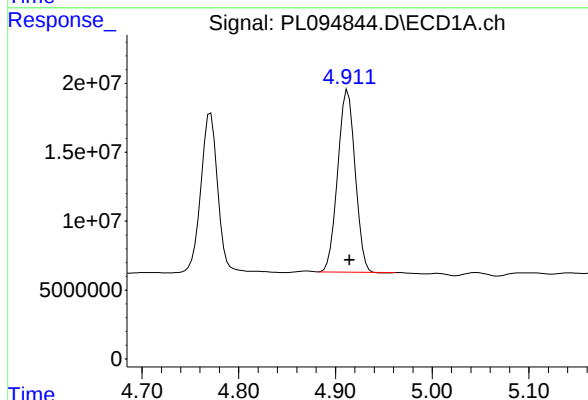
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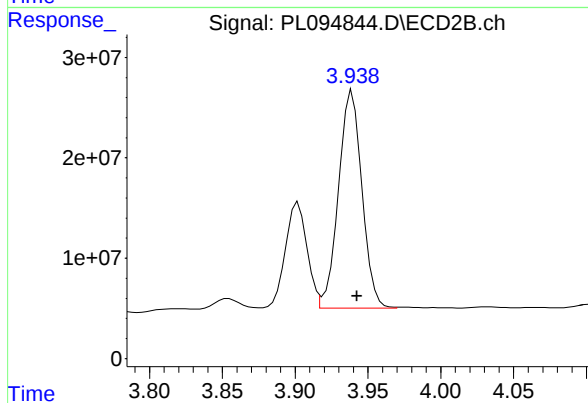
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: -0.004 min
Response: 231592649
Conc: 45.06 ng/ml m



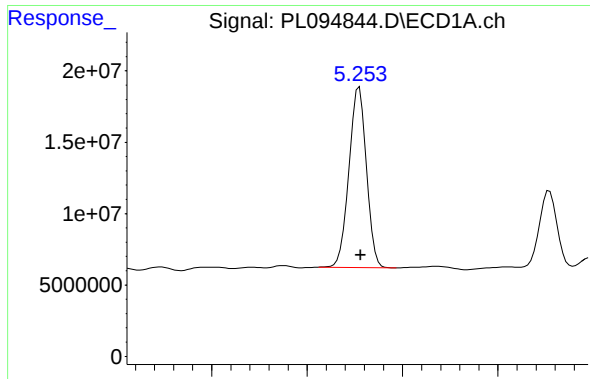
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: -0.002 min
Response: 166398914
Conc: 42.87 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: -0.005 min
Response: 242070261
Conc: 45.95 ng/ml m



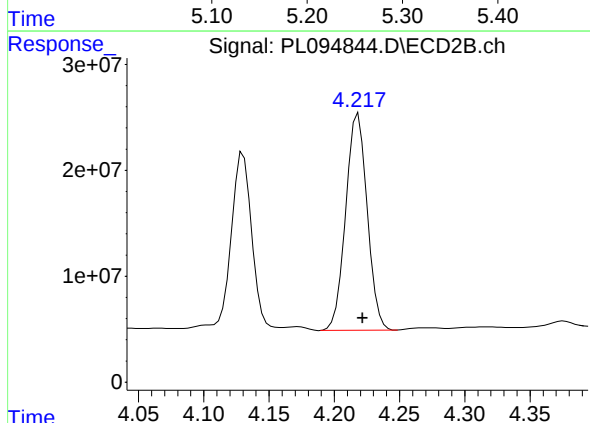
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: -0.002 min
Response: 161958072
Conc: 43.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-206MS

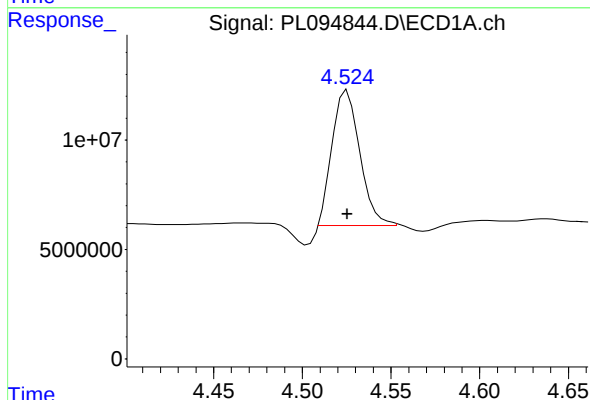
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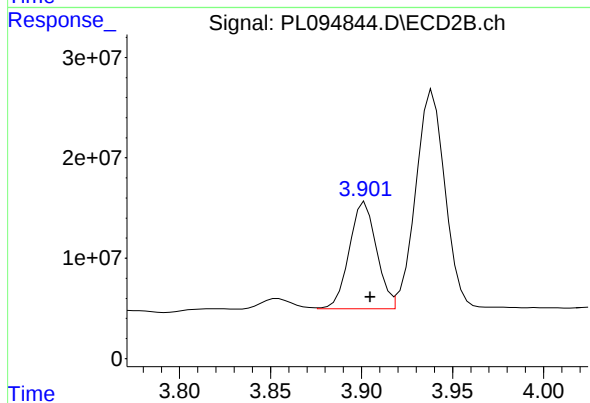
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: -0.003 min
Response: 234559083
Conc: 48.10 ng/ml



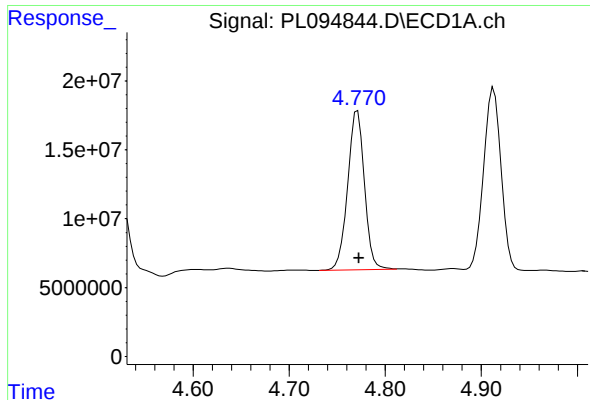
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 67015973
Conc: 36.32 ng/ml m



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: -0.004 min
Response: 114786252
Conc: 51.68 ng/ml m



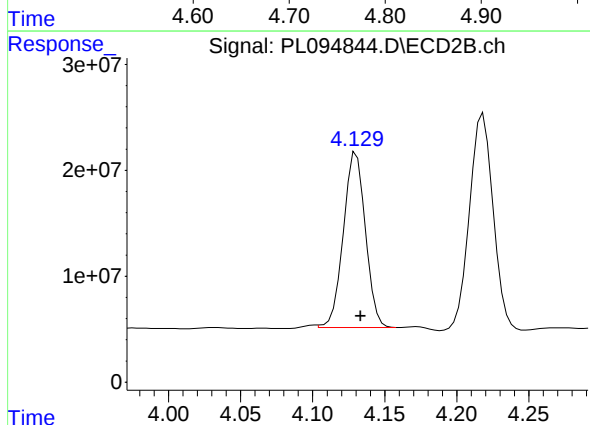
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.003 min
Response: 139405000
Conc: 35.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-206MS

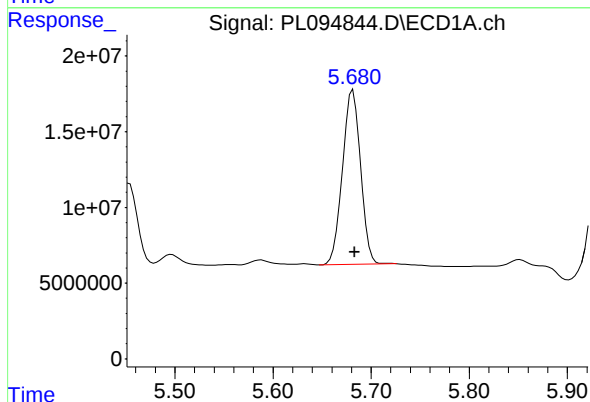
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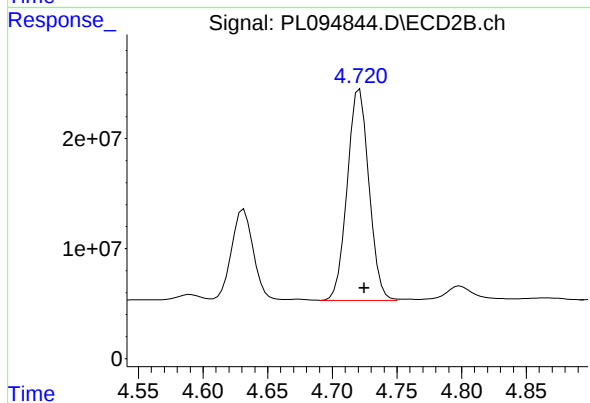
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: -0.004 min
Response: 175614932
Conc: 35.11 ng/ml



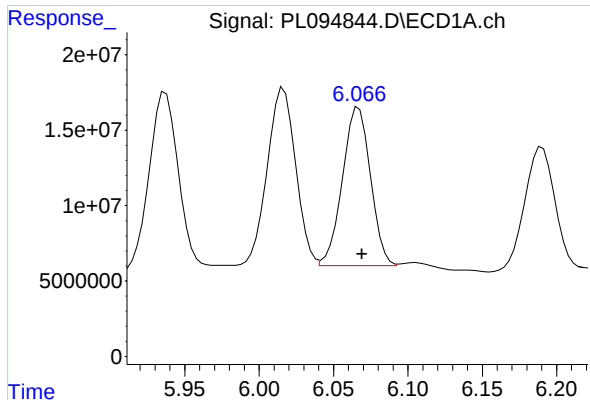
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.002 min
Response: 147893286
Conc: 44.21 ng/ml



#8 Heptachlor epoxide

R.T.: 4.720 min
Delta R.T.: -0.005 min
Response: 224221338
Conc: 48.97 ng/ml



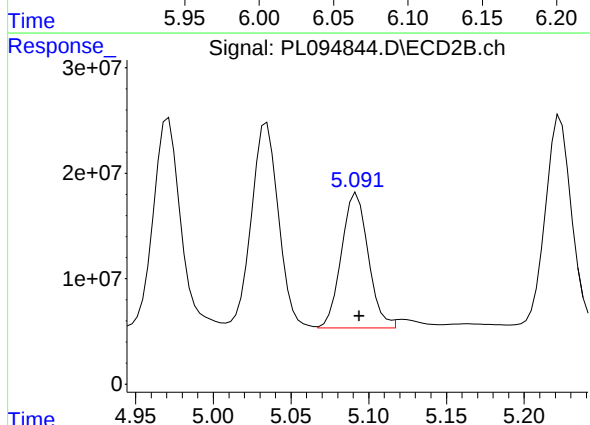
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.004 min
Response: 137788400
Conc: 44.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-206MS

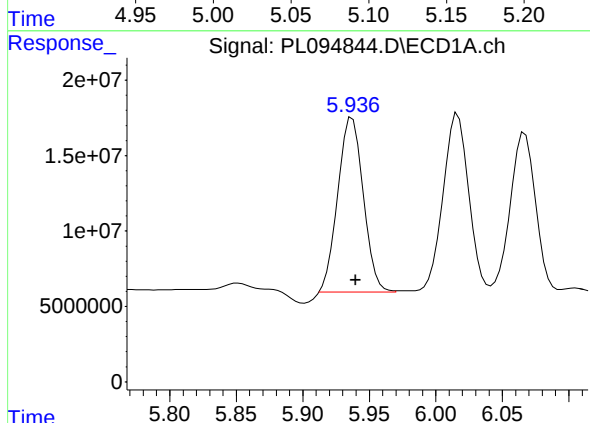
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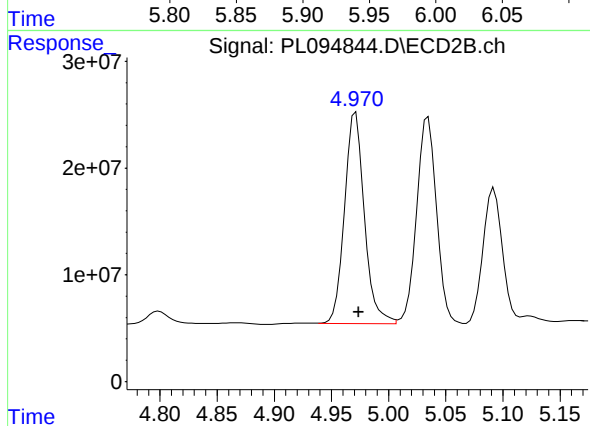
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: -0.003 min
Response: 153064816
Conc: 34.88 ng/ml



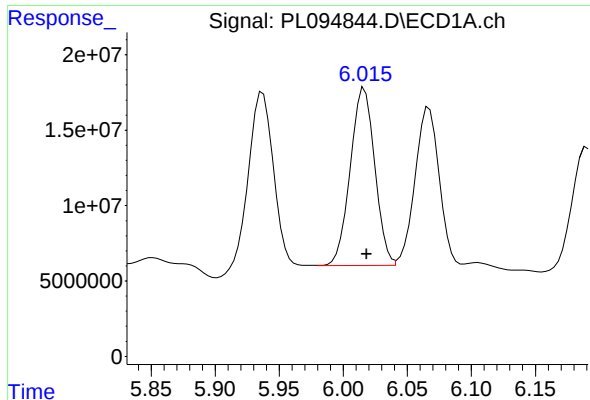
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.004 min
Response: 154454365
Conc: 45.84 ng/ml



#10 gamma-Chlordane

R.T.: 4.970 min
Delta R.T.: -0.004 min
Response: 240103166
Conc: 49.73 ng/ml



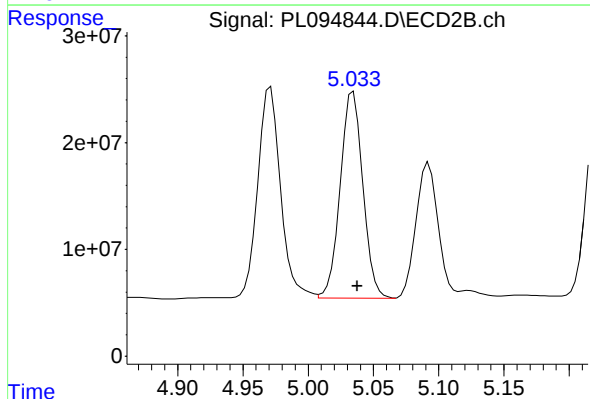
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: -0.003 min
Response: 156594104
Conc: 47.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-206MS

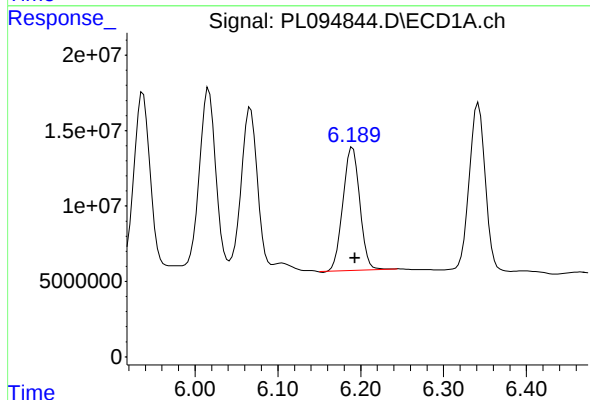
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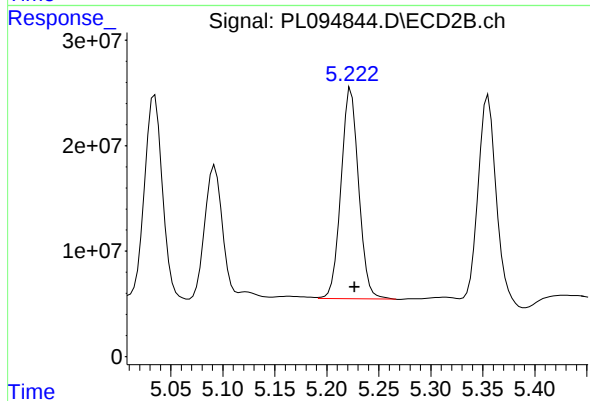
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: -0.005 min
Response: 230408223
Conc: 48.28 ng/ml



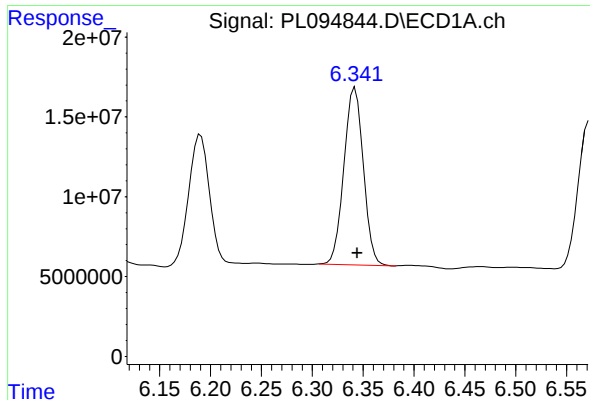
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.003 min
Response: 115673494
Conc: 39.32 ng/ml



#12 4,4'-DDE

R.T.: 5.222 min
Delta R.T.: -0.005 min
Response: 236476003
Conc: 50.87 ng/ml



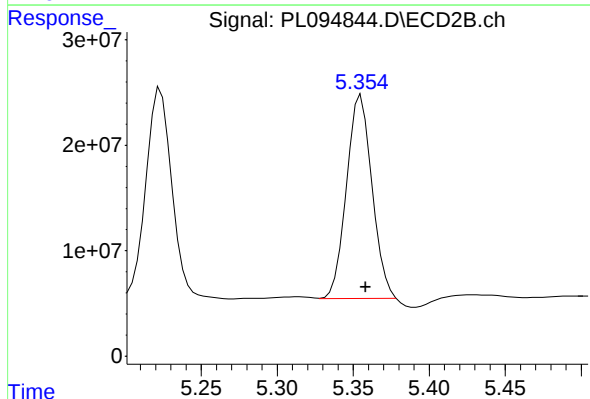
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: -0.002 min
Response: 147517265
Conc: 46.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-206MS

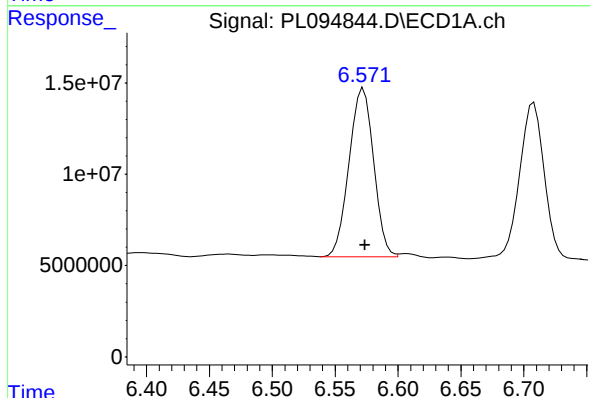
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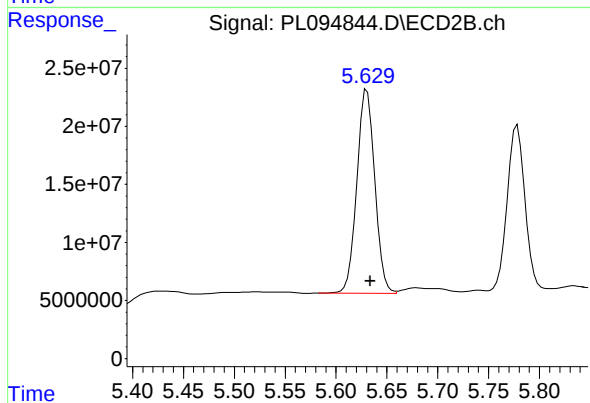
#13 Dieldrin

R.T.: 5.354 min
Delta R.T.: -0.004 min
Response: 225591245
Conc: 46.50 ng/ml



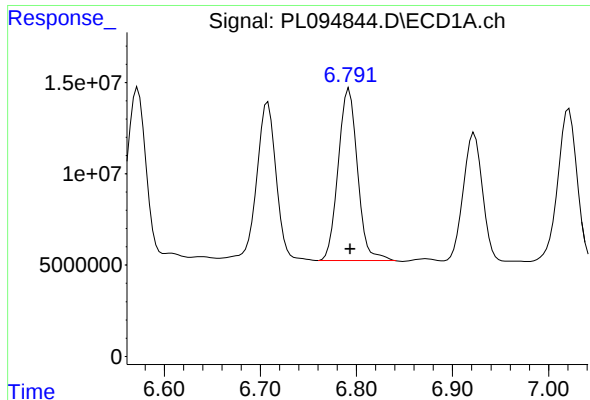
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.003 min
Response: 125243865
Conc: 45.18 ng/ml



#14 Endrin

R.T.: 5.629 min
Delta R.T.: -0.005 min
Response: 215885105
Conc: 49.47 ng/ml



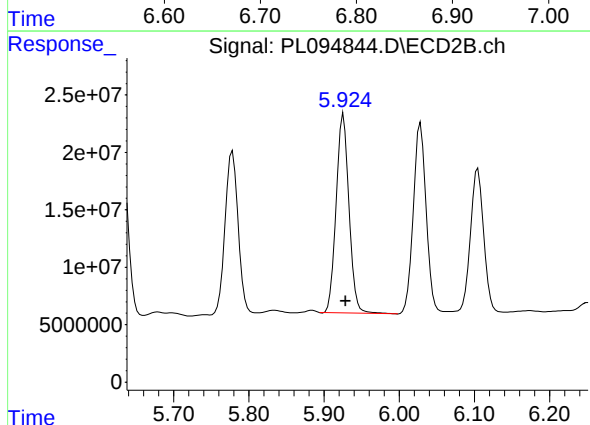
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: -0.001 min
Response: 130334684
Conc: 48.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-206MS

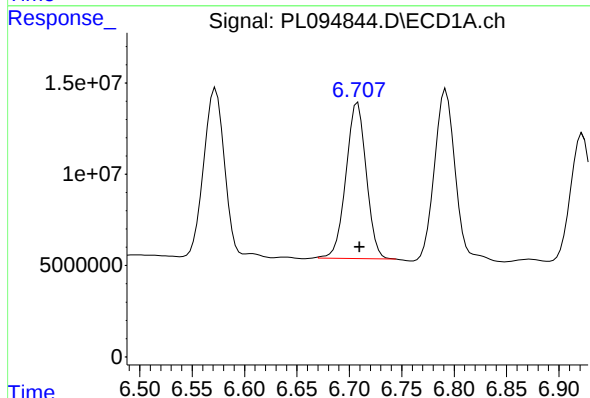
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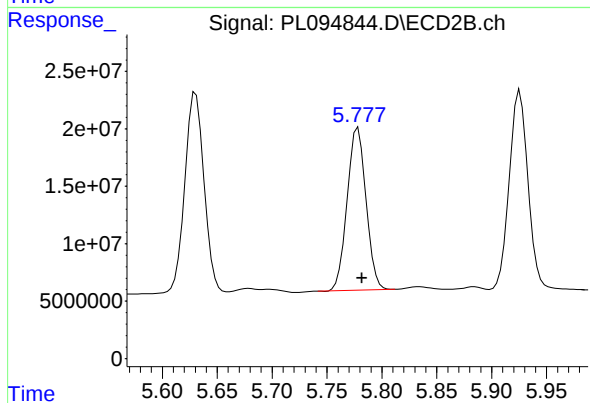
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.003 min
Response: 206108827
Conc: 47.62 ng/ml



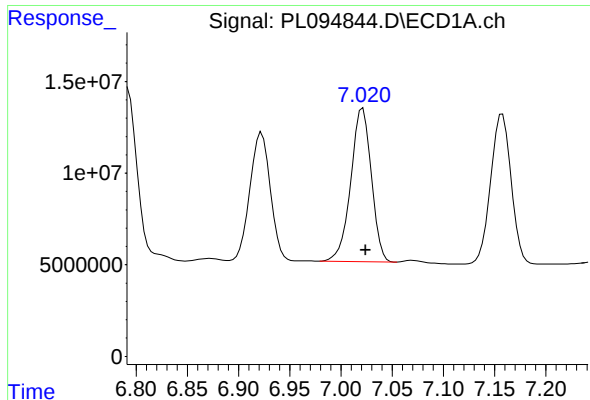
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 115740892
Conc: 53.43 ng/ml m



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 169295904
Conc: 47.08 ng/ml



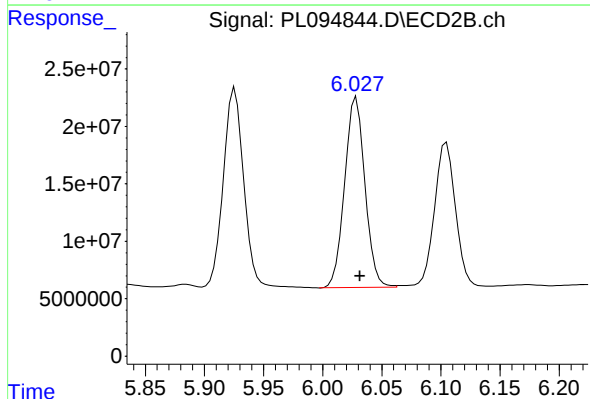
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 117282759
Conc: 49.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-206MS

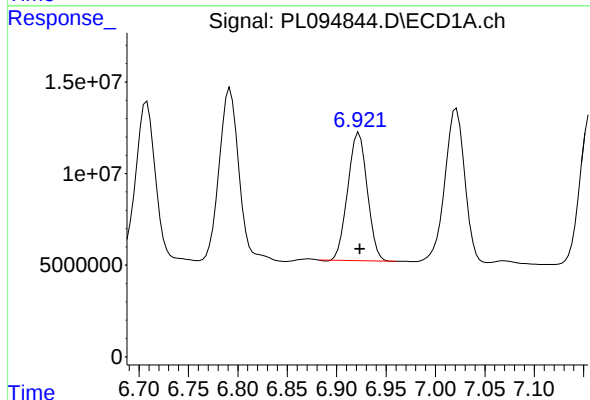
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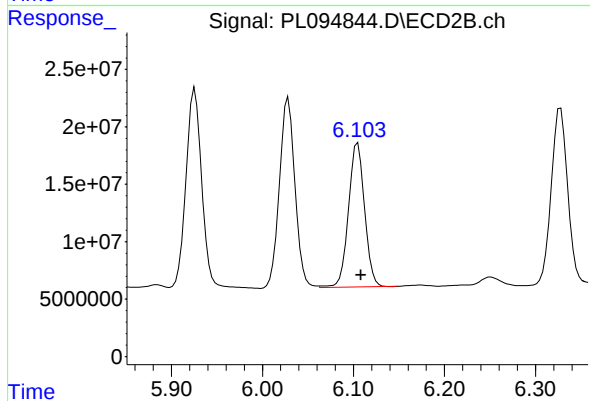
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: -0.003 min
Response: 197646151
Conc: 49.02 ng/ml



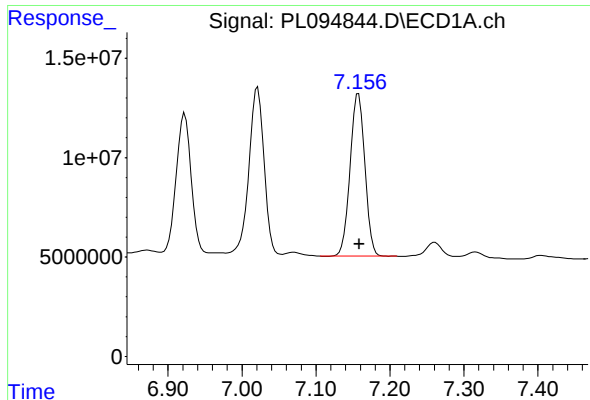
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: -0.001 min
Response: 95995869
Conc: 45.47 ng/ml



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: -0.004 min
Response: 154622603
Conc: 45.95 ng/ml



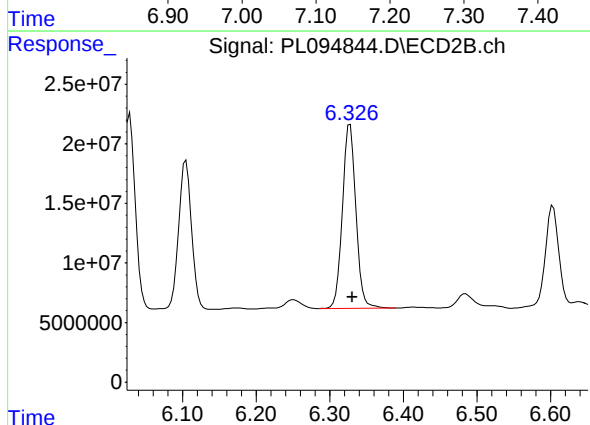
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: -0.001 min
Response: 113261286
Conc: 46.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-206MS

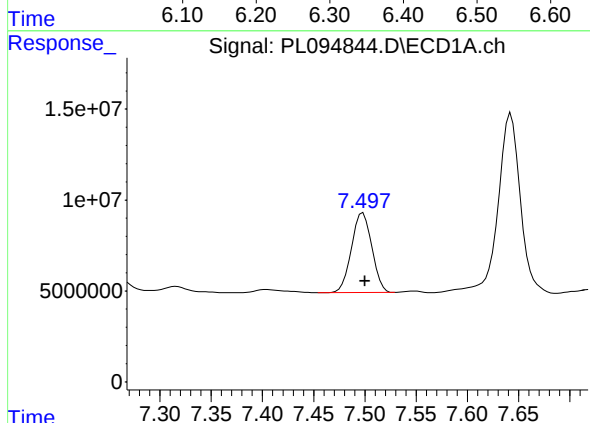
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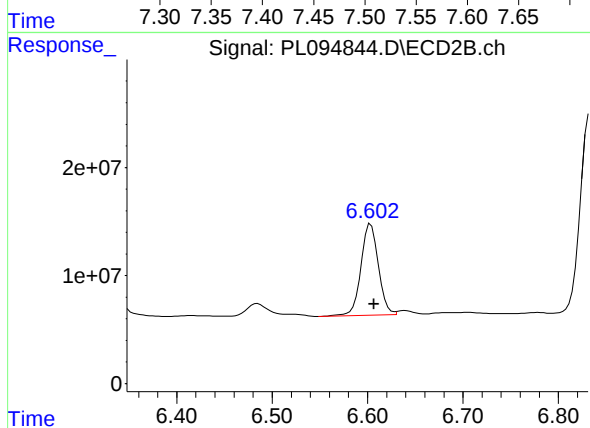
#19 Endosulfan Sulfate

R.T.: 6.328 min
Delta R.T.: -0.003 min
Response: 196760379
Conc: 48.30 ng/ml



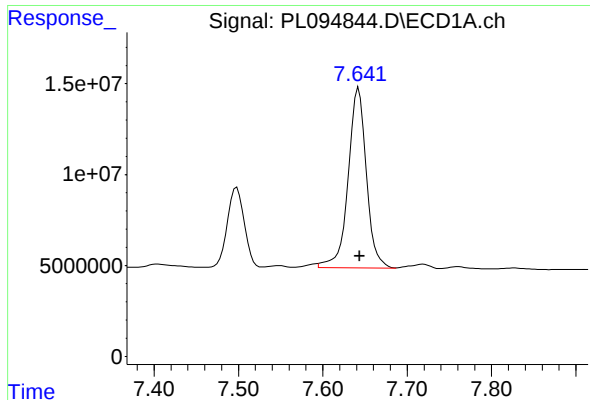
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 60737149
Conc: 50.74 ng/ml



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: -0.003 min
Response: 107822641
Conc: 50.83 ng/ml



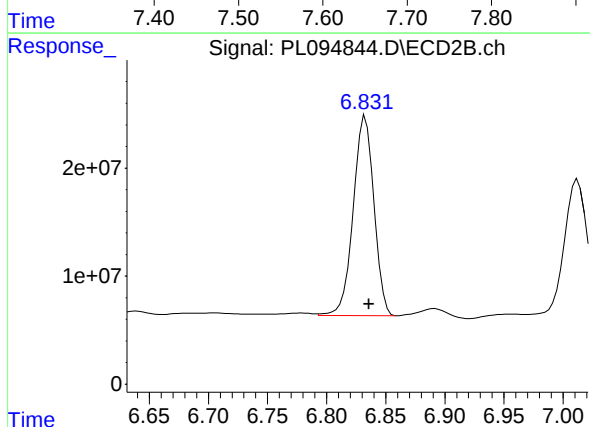
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 148704256
Conc: 56.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-206MS

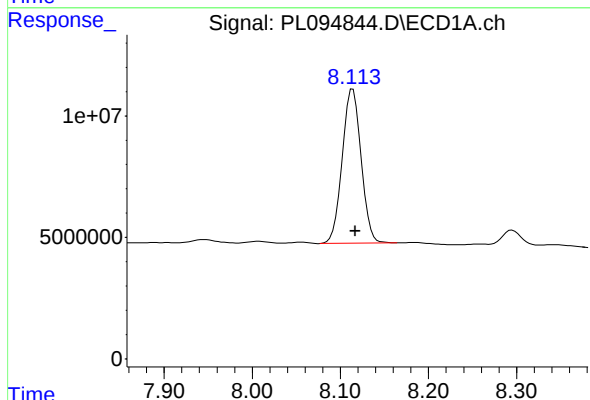
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/26/2025
Supervised By :mohammad ahmed 03/27/2025



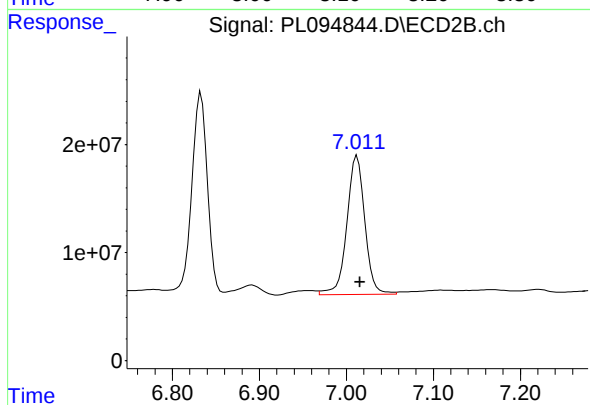
#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: -0.004 min
Response: 224970222
Conc: 47.14 ng/ml m



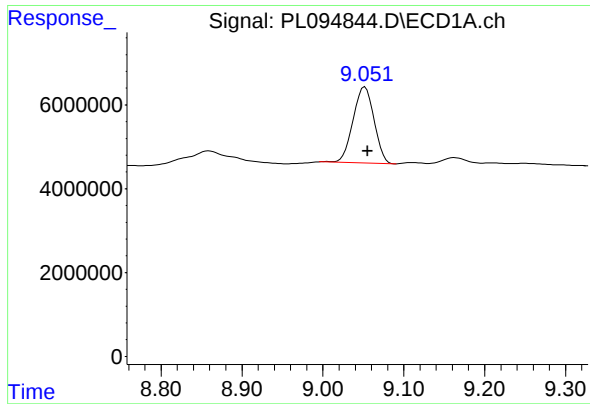
#22 Mirex

R.T.: 8.114 min
Delta R.T.: -0.003 min
Response: 94851535
Conc: 45.90 ng/ml



#22 Mirex

R.T.: 7.012 min
Delta R.T.: -0.003 min
Response: 185350728
Conc: 48.84 ng/ml



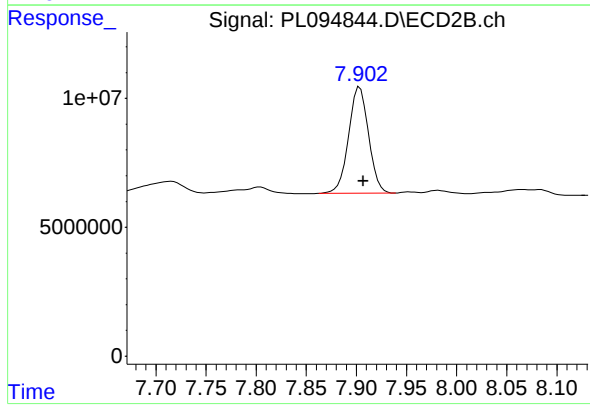
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: -0.003 min
Response: 32730214
Conc: 15.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-206MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.903 min
Delta R.T.: -0.003 min
Response: 57286055
Conc: 14.18 ng/ml