

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040925\
 Data File : PL095138.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 16:49
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/10/2025
 Supervised By : mohammad ahmed 04/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 01:24:18 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...	3.534	2.768	131.3E6	182.4E6	46.387	51.110
28) SA Decachlor...	9.048	7.899	101.5E6	165.3E6	48.172	40.931
Target Compounds						
2) A alpha-BHC	3.990	3.269	189.7E6	277.0E6	45.686	51.374
3) MA gamma-BHC...	4.323	3.599	180.3E6	261.3E6	45.189	50.836
4) MA Heptachlor	4.910	3.936	166.8E6	251.1E6	42.964	47.667
5) MB Aldrin	5.252	4.215	160.7E6	236.9E6	43.523	48.578
6) B beta-BHC	4.522	3.899	81970715	113.5E6	44.423	51.079
7) B delta-BHC	4.769	4.127	177.9E6	254.4E6	45.675	50.868
8) B Heptachlo...	5.678	4.717	147.8E6	216.0E6	44.197	47.169
9) A Endosulfan I	6.064	5.087	138.4E6	186.1E6	45.084	42.404
10) B gamma-Chl...	5.935	4.967	150.6E6	224.5E6	44.704	46.495
11) B alpha-Chl...	6.013	5.031	147.6E6	220.1E6	44.766	46.123
12) B 4,4'-DDE	6.188	5.218	145.5E6	226.8E6	49.470	48.782m
13) MA Dieldrin	6.340	5.350	144.9E6	226.3E6	45.314	46.646m
14) MA Endrin	6.567	5.626	118.3E6	204.7E6	42.671m	46.906m
15) B Endosulfa...	6.789	5.921	123.0E6	194.3E6	45.326	44.896m
16) A 4,4'-DDD	6.706	5.774	111.9E6	179.8E6	51.653	49.995
17) MA 4,4'-DDT	7.018	6.025	109.1E6	179.1E6	45.854	44.415
18) B Endrin al...	6.919	6.101	89997618	145.8E6	42.633	43.314
19) B Endosulfa...	7.154	6.324	110.8E6	187.4E6	45.539	45.998
20) A Methoxychlor	7.495	6.599	57616817	94773607	48.131	44.682
21) B Endrin ke...	7.639	6.829	122.7E6	207.8E6	46.408	43.542
22) Mirex	8.112	7.008	88334793	160.5E6	42.751	42.300

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040925\
Data File : PL095138.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 16:49
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

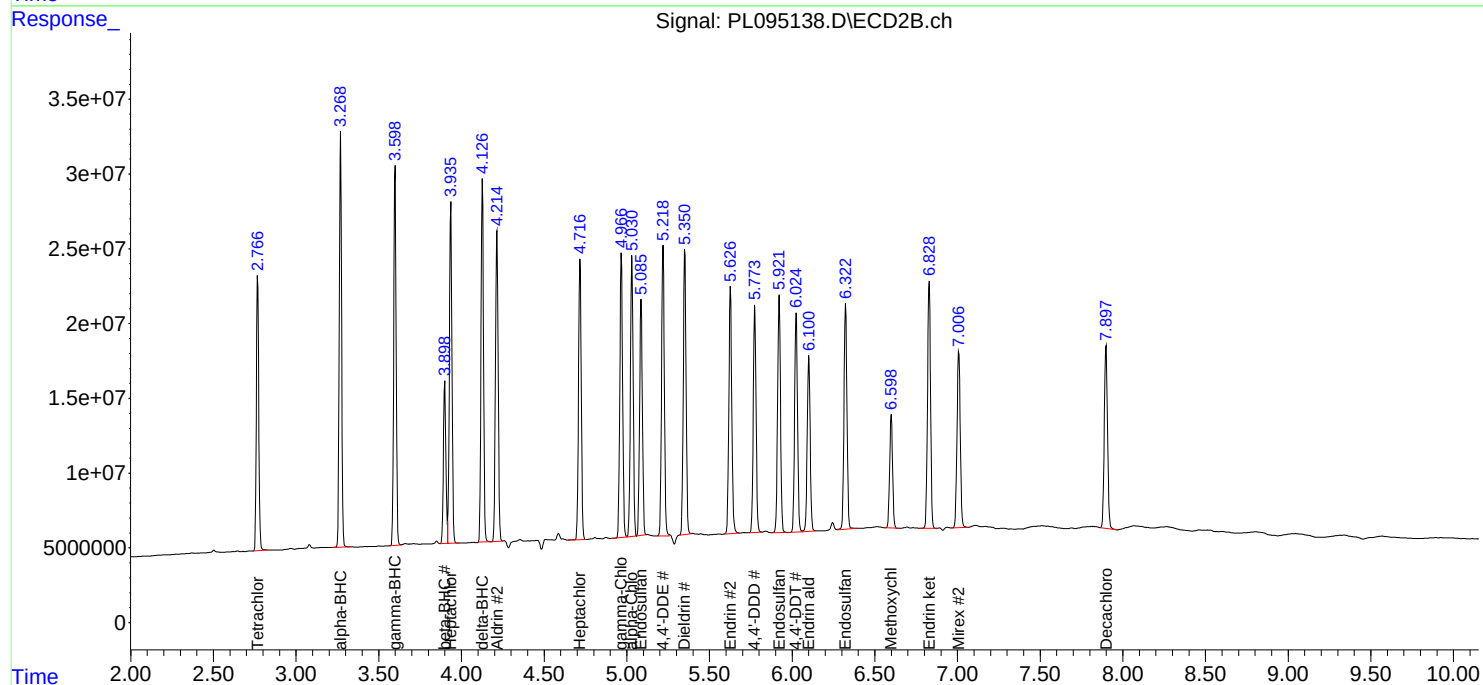
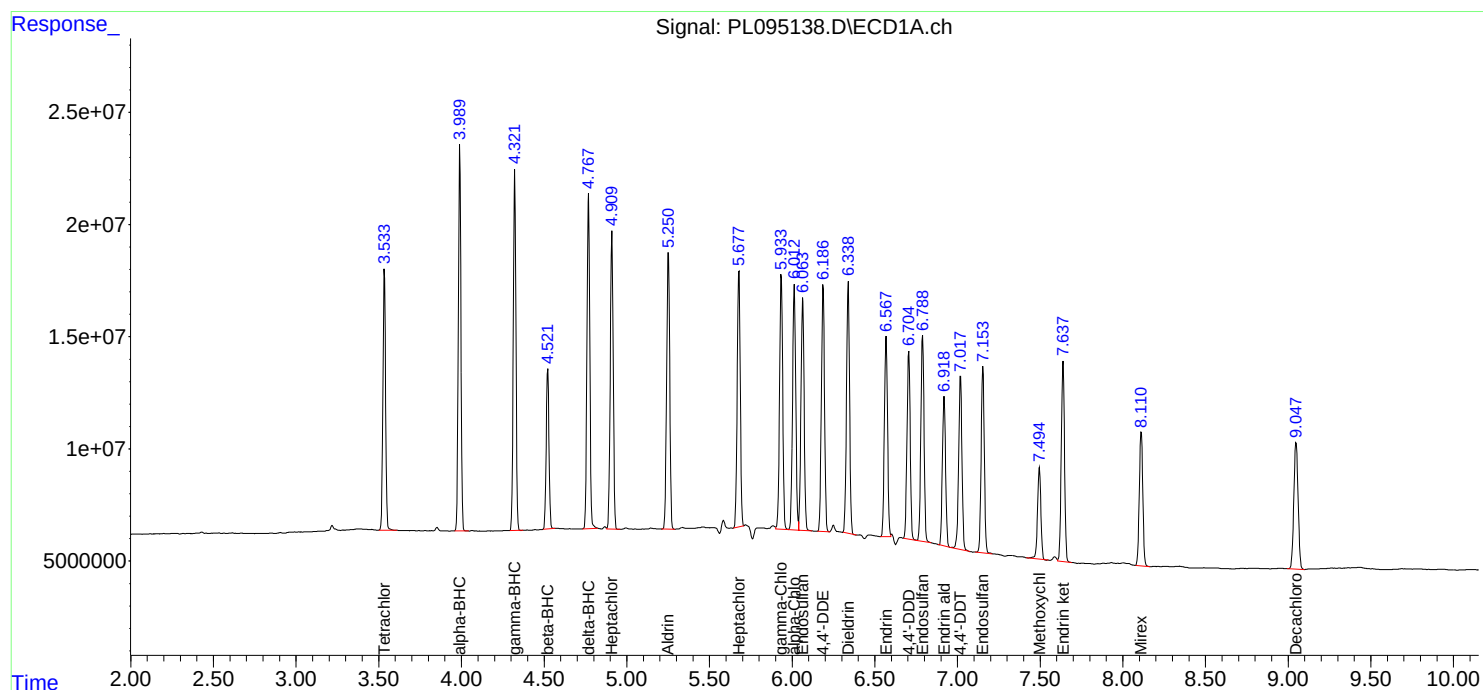
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

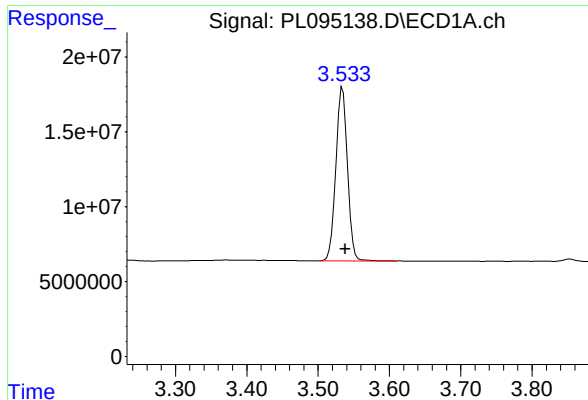
Manual Integrations
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Supervised By : mohammad ahmed 04/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 01:24:18 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





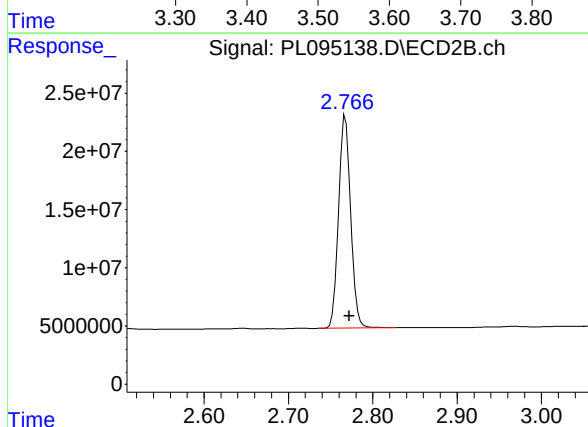
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.004 min
Response: 131307212
Conc: 46.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

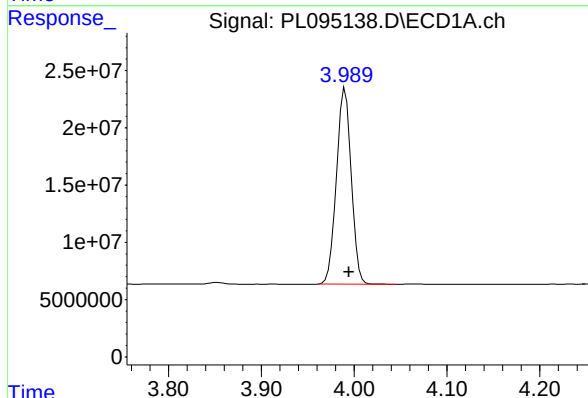
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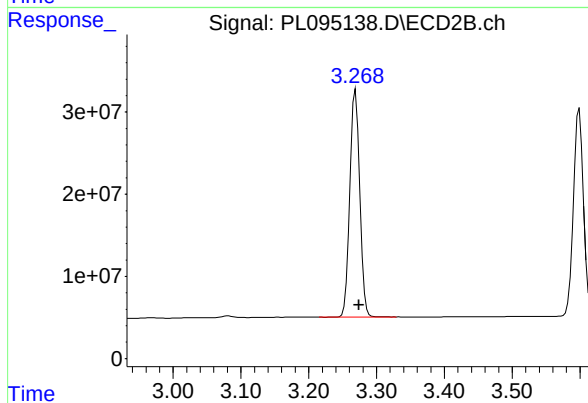
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: -0.004 min
Response: 182425365
Conc: 51.11 ng/ml



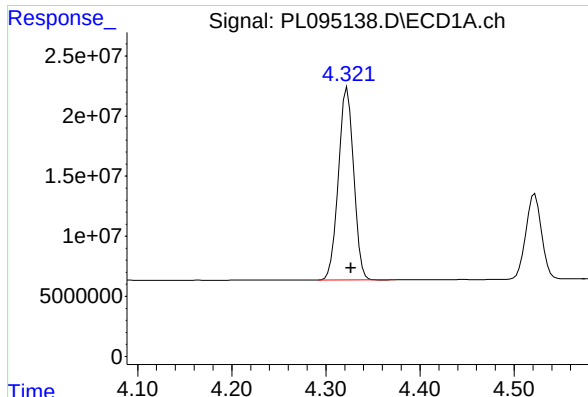
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: -0.004 min
Response: 189703041
Conc: 45.69 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: -0.005 min
Response: 276974682
Conc: 51.37 ng/ml



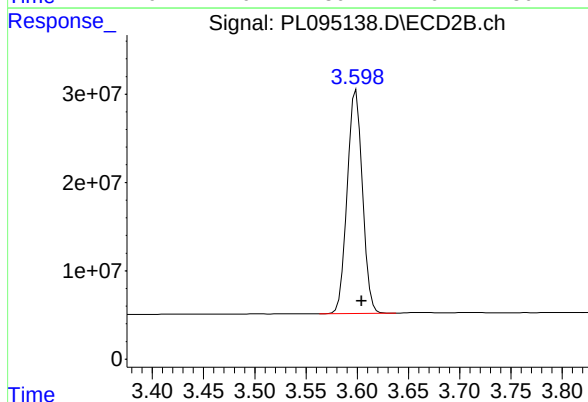
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: -0.004 min
Response: 180314572
Conc: 45.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

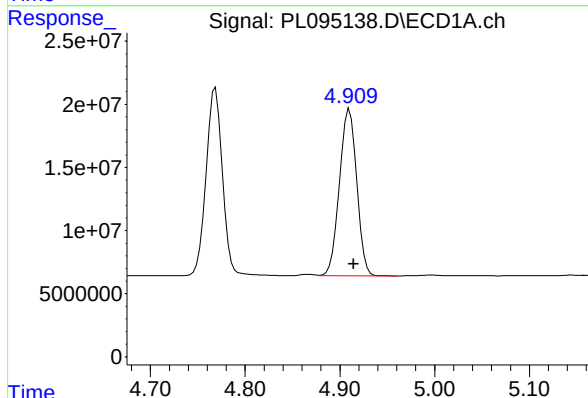
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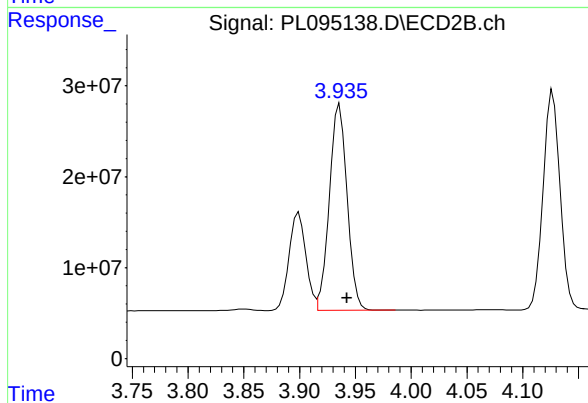
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: -0.005 min
Response: 261267156
Conc: 50.84 ng/ml



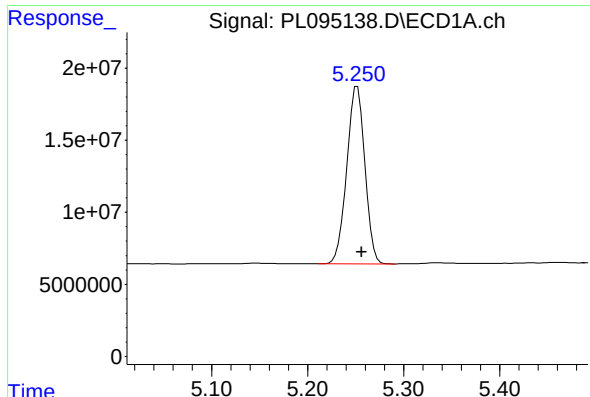
#4 Heptachlor

R.T.: 4.910 min
Delta R.T.: -0.004 min
Response: 166772091
Conc: 42.96 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: -0.006 min
Response: 251143014
Conc: 47.67 ng/ml



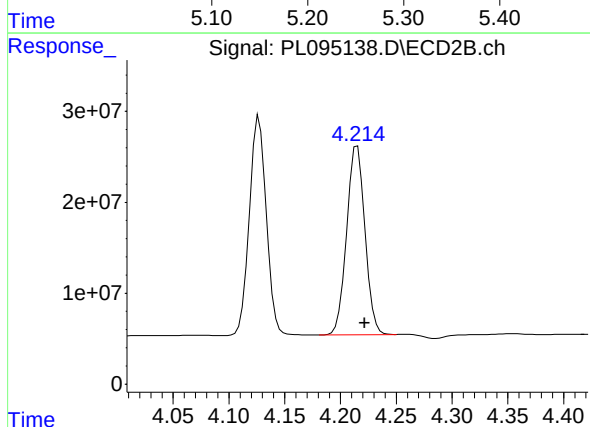
#5 Aldrin

R.T.: 5.252 min
Delta R.T.: -0.005 min
Response: 160697039
Conc: 43.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

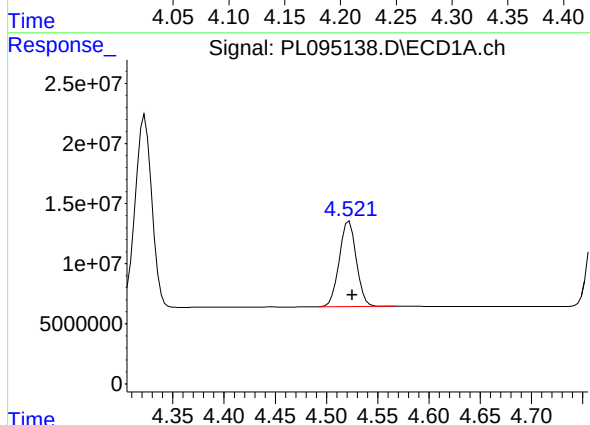
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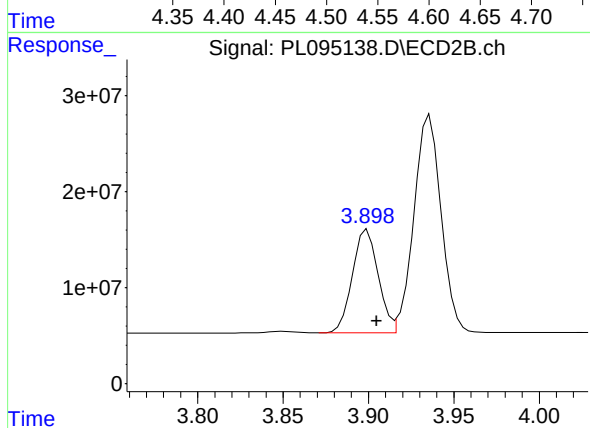
#5 Aldrin

R.T.: 4.215 min
Delta R.T.: -0.007 min
Response: 236882712
Conc: 48.58 ng/ml



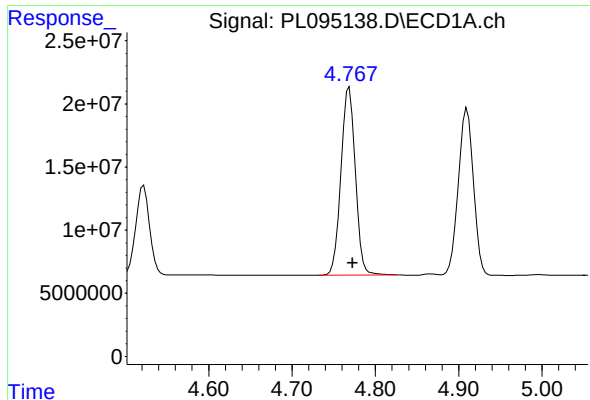
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: -0.003 min
Response: 81970715
Conc: 44.42 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: -0.005 min
Response: 113461422
Conc: 51.08 ng/ml



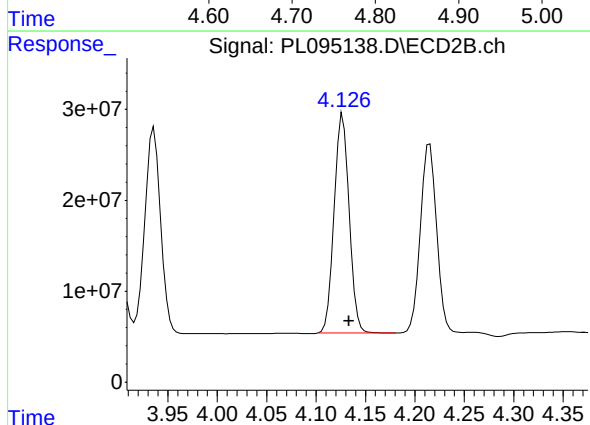
#7 delta-BHC

R.T.: 4.769 min
Delta R.T.: -0.004 min
Response: 177870858
Conc: 45.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

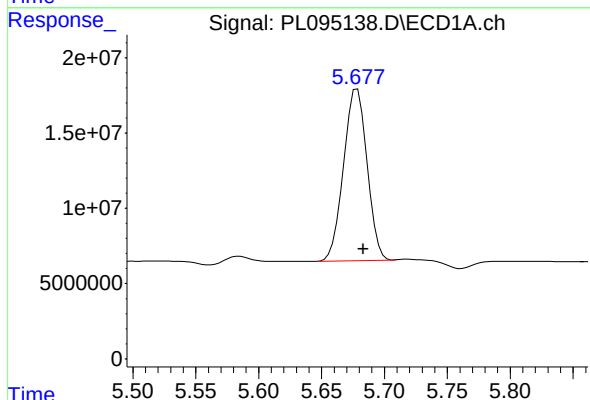
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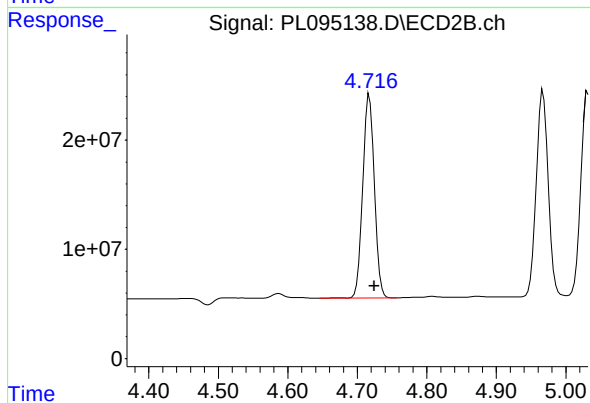
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: -0.006 min
Response: 254439237
Conc: 50.87 ng/ml



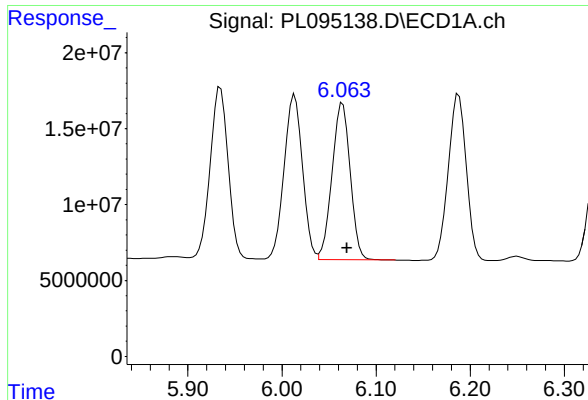
#8 Heptachlor epoxide

R.T.: 5.678 min
Delta R.T.: -0.005 min
Response: 147847153
Conc: 44.20 ng/ml



#8 Heptachlor epoxide

R.T.: 4.717 min
Delta R.T.: -0.007 min
Response: 215967610
Conc: 47.17 ng/ml



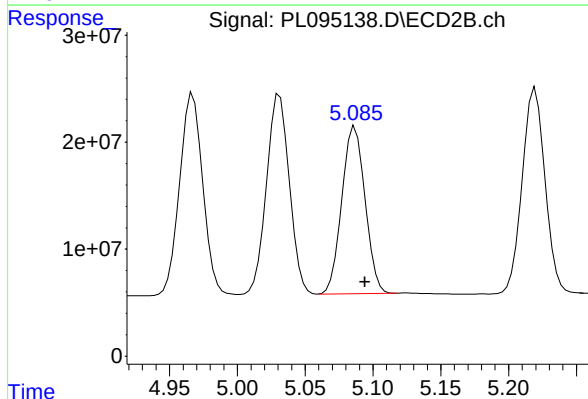
#9 Endosulfan I

R.T.: 6.064 min
Delta R.T.: -0.005 min
Response: 138417438
Conc: 45.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

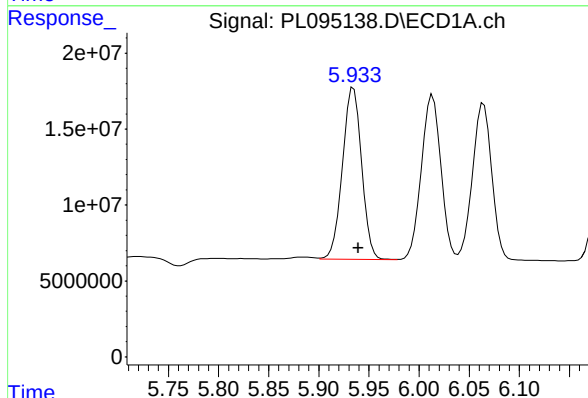
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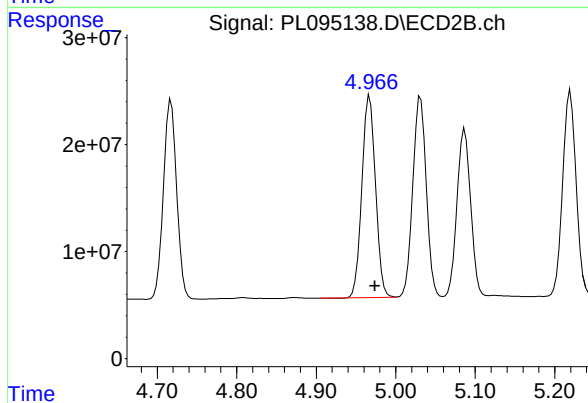
#9 Endosulfan I

R.T.: 5.087 min
Delta R.T.: -0.007 min
Response: 186101263
Conc: 42.40 ng/ml



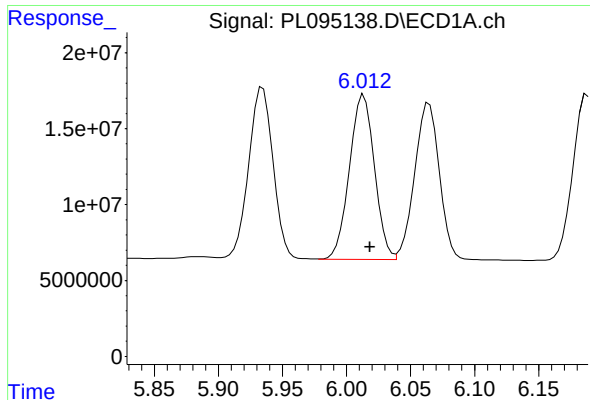
#10 gamma-Chlordane

R.T.: 5.935 min
Delta R.T.: -0.005 min
Response: 150623275
Conc: 44.70 ng/ml



#10 gamma-Chlordane

R.T.: 4.967 min
Delta R.T.: -0.007 min
Response: 224498477
Conc: 46.50 ng/ml



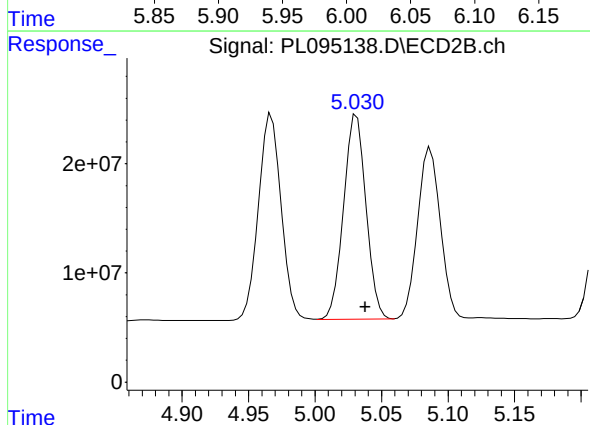
#11 alpha-Chlordane

R.T.: 6.013 min
Delta R.T.: -0.005 min
Response: 147587932
Conc: 44.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

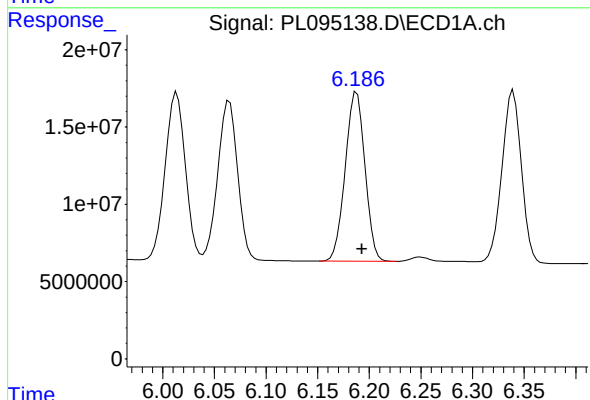
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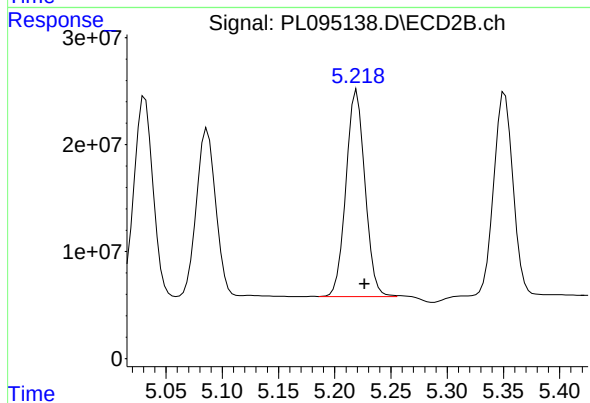
#11 alpha-Chlordane

R.T.: 5.031 min
Delta R.T.: -0.006 min
Response: 220136036
Conc: 46.12 ng/ml



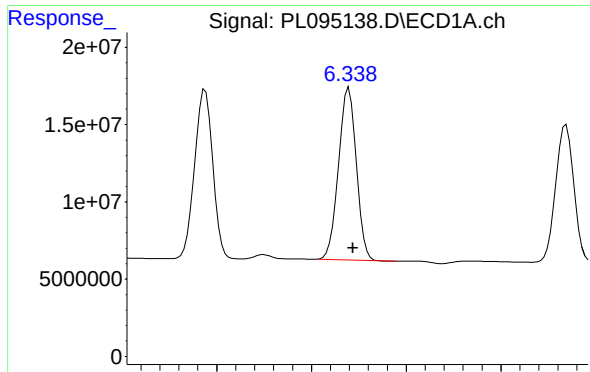
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.005 min
Response: 145543970
Conc: 49.47 ng/ml



#12 4,4'-DDE

R.T.: 5.218 min
Delta R.T.: -0.008 min
Response: 226766407
Conc: 48.78 ng/ml m



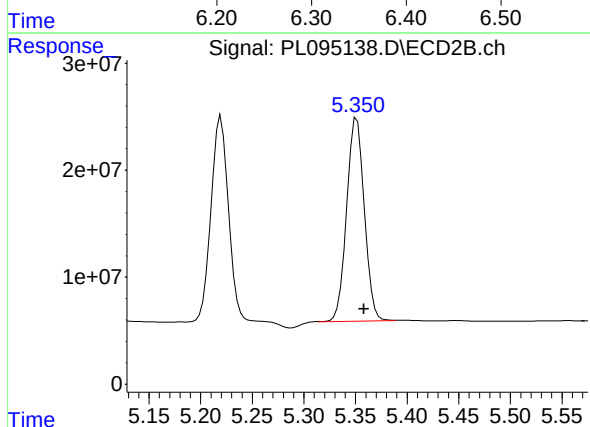
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 144919119
Conc: 45.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

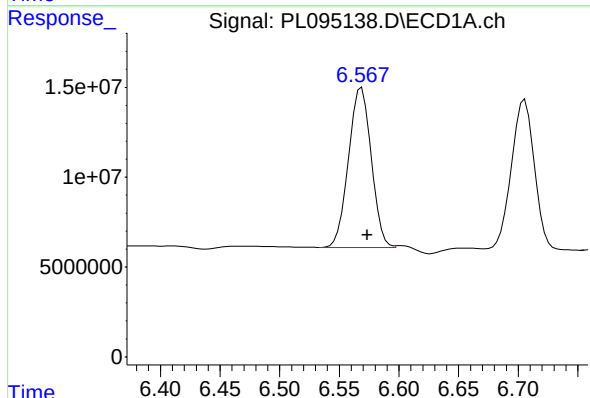
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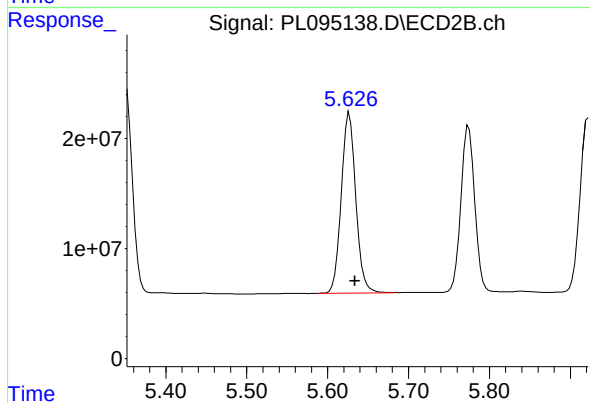
#13 Dieldrin

R.T.: 5.350 min
Delta R.T.: -0.008 min
Response: 226315731
Conc: 46.65 ng/ml



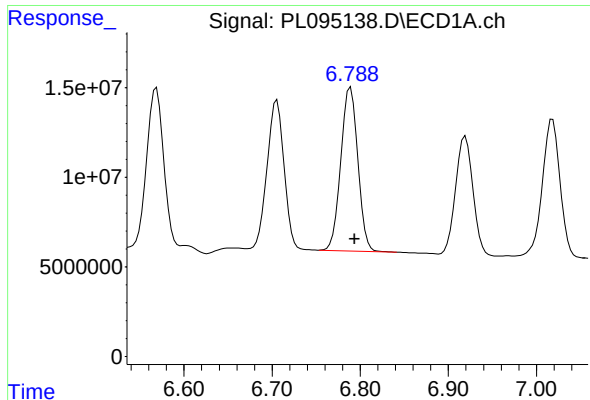
#14 Endrin

R.T.: 6.567 min
Delta R.T.: -0.006 min
Response: 118287005
Conc: 42.67 ng/ml



#14 Endrin

R.T.: 5.626 min
Delta R.T.: -0.008 min
Response: 204683166
Conc: 46.91 ng/ml



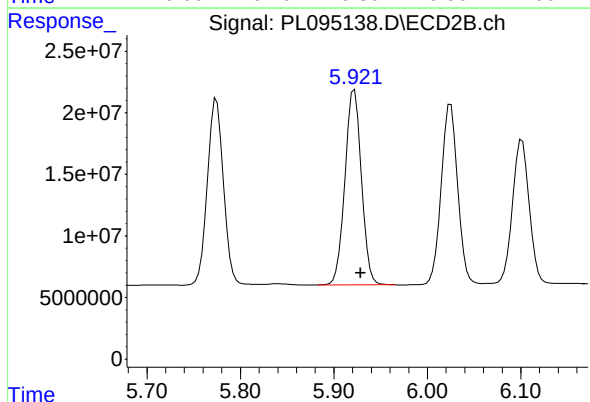
#15 Endosulfan II

R.T.: 6.789 min
Delta R.T.: -0.005 min
Response: 123049667
Conc: 45.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

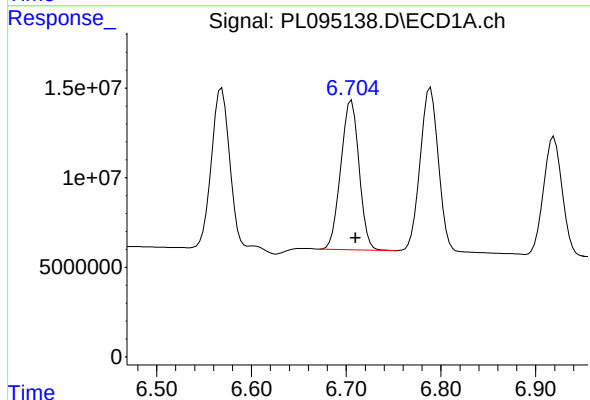
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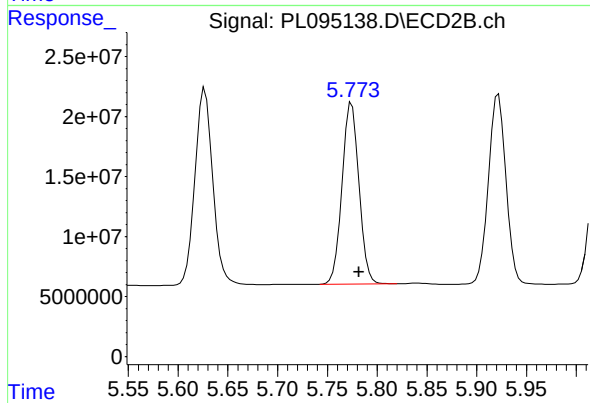
#15 Endosulfan II

R.T.: 5.921 min
Delta R.T.: -0.008 min
Response: 194321234
Conc: 44.90 ng/ml m



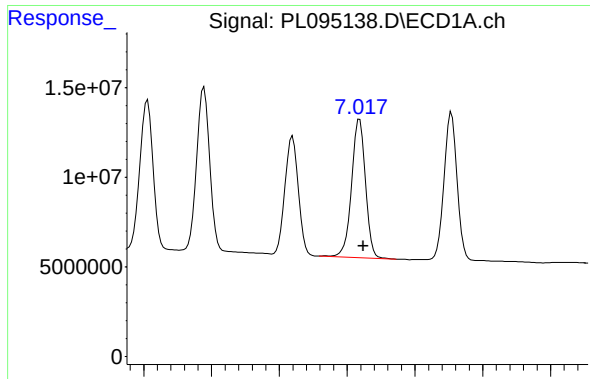
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 111883433
Conc: 51.65 ng/ml



#16 4,4'-DDD

R.T.: 5.774 min
Delta R.T.: -0.008 min
Response: 179775557
Conc: 49.99 ng/ml



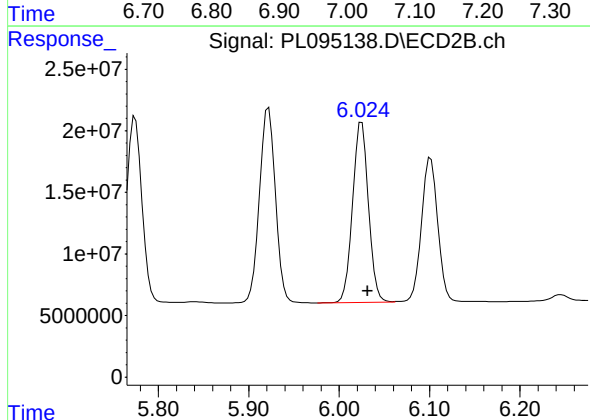
#17 4,4'-DDT

R.T.: 7.018 min
Delta R.T.: -0.006 min
Response: 10906668
Conc: 45.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

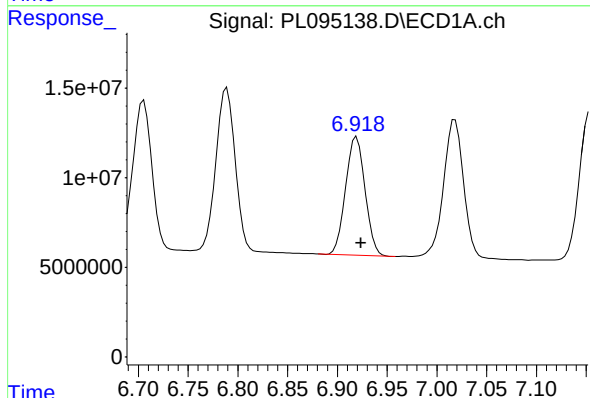
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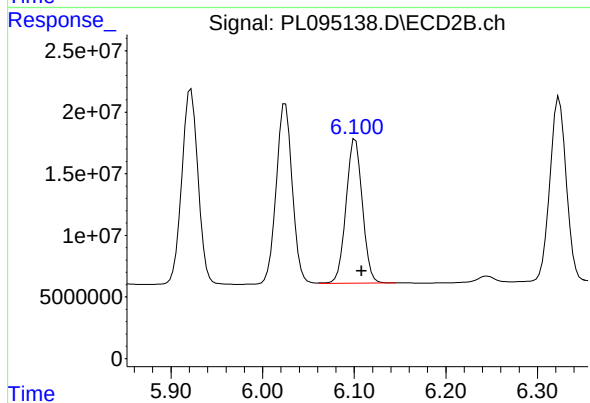
#17 4,4'-DDT

R.T.: 6.025 min
Delta R.T.: -0.007 min
Response: 179086165
Conc: 44.42 ng/ml



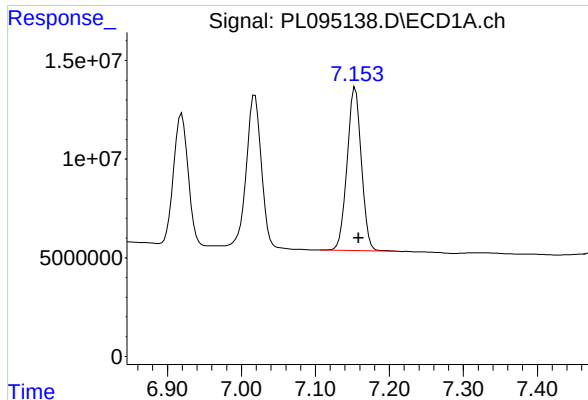
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: -0.004 min
Response: 89997618
Conc: 42.63 ng/ml



#18 Endrin aldehyde

R.T.: 6.101 min
Delta R.T.: -0.007 min
Response: 145768640
Conc: 43.31 ng/ml



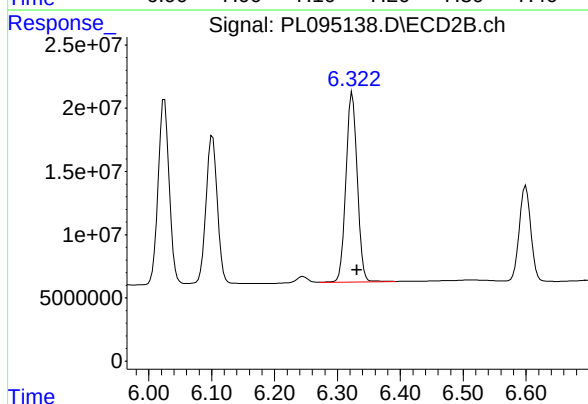
#19 Endosulfan Sulfate

R.T.: 7.154 min
Delta R.T.: -0.005 min
Response: 110752917
Conc: 45.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

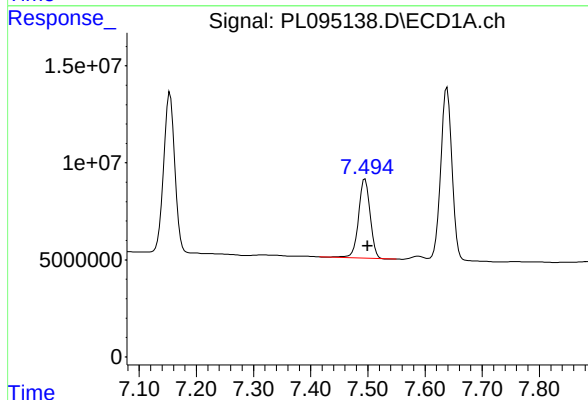
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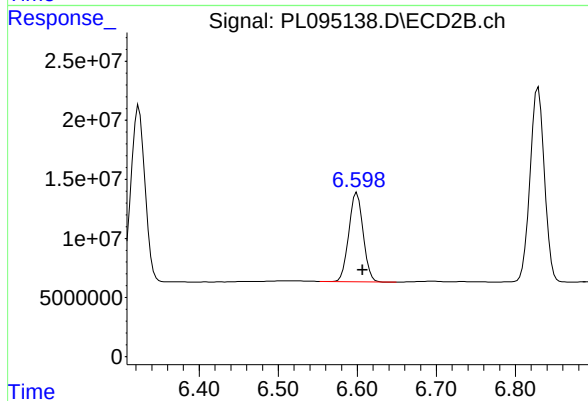
#19 Endosulfan Sulfate

R.T.: 6.324 min
Delta R.T.: -0.007 min
Response: 187370696
Conc: 46.00 ng/ml



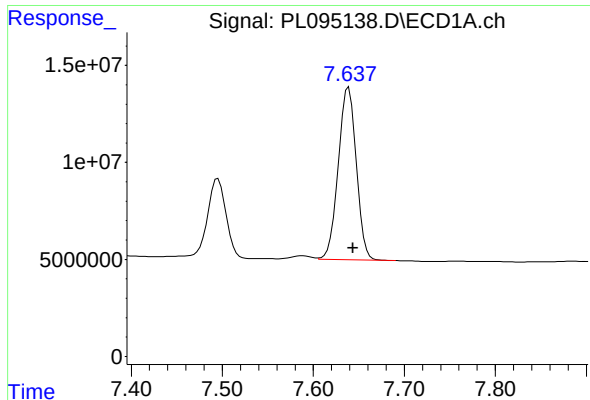
#20 Methoxychlor

R.T.: 7.495 min
Delta R.T.: -0.004 min
Response: 57616817
Conc: 48.13 ng/ml



#20 Methoxychlor

R.T.: 6.599 min
Delta R.T.: -0.007 min
Response: 94773607
Conc: 44.68 ng/ml



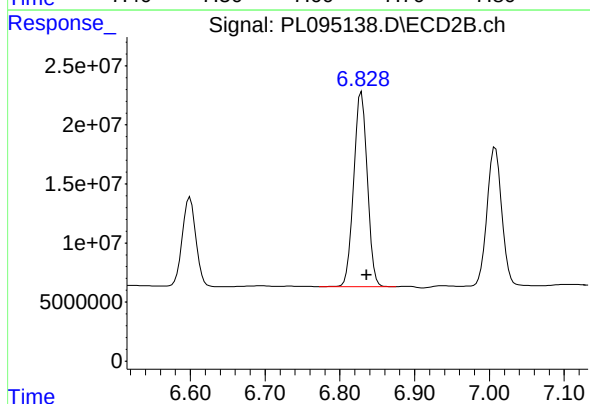
#21 Endrin ketone

R.T.: 7.639 min
Delta R.T.: -0.005 min
Response: 122668171
Conc: 46.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

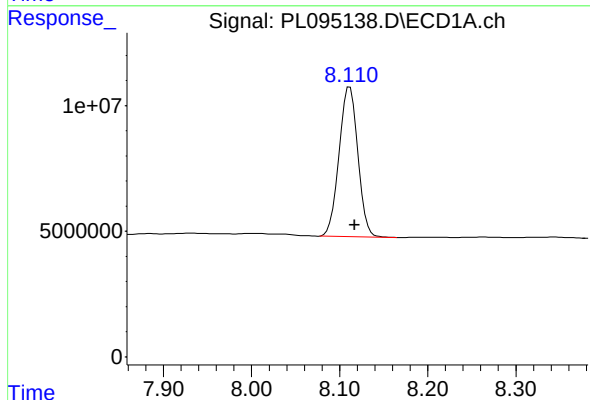
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APPROVED

Reviewed By :Abdul Mirza 04/10/2025
Supervised By :mohammad ahmed 04/11/2025



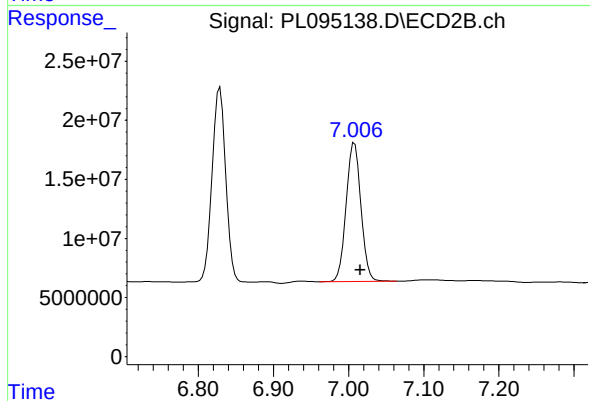
#21 Endrin ketone

R.T.: 6.829 min
Delta R.T.: -0.007 min
Response: 207806979
Conc: 43.54 ng/ml



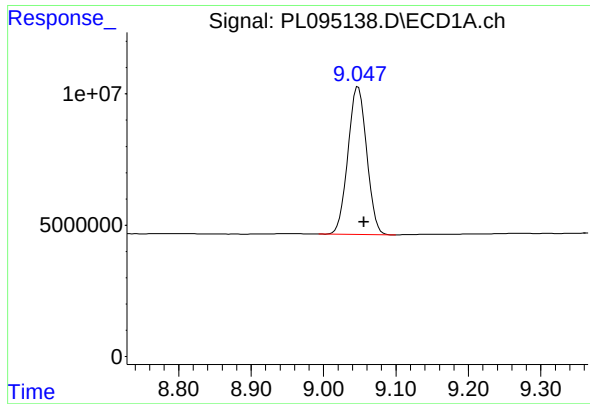
#22 Mirex

R.T.: 8.112 min
Delta R.T.: -0.005 min
Response: 88334793
Conc: 42.75 ng/ml



#22 Mirex

R.T.: 7.008 min
Delta R.T.: -0.008 min
Response: 160543571
Conc: 42.30 ng/ml



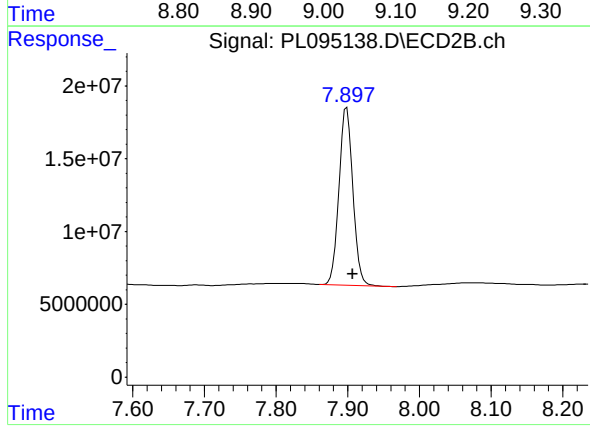
#28 Decachlorobiphenyl

R.T.: 9.048 min
Delta R.T.: -0.008 min
Response: 101519953
Conc: 48.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.899 min
Delta R.T.: -0.008 min
Response: 165333916
Conc: 40.93 ng/ml