

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL043025\
 Data File : PL095444.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Apr 2025 17:22
 Operator : AR\AJ
 Sample : Q1889-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 COMP-1MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/29/2025
 Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 01:35:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 16:23:18 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...	3.593	2.904	59045523	58664256	18.086	18.449
2) SA Decachlor...	9.115	8.081	48789481	52807434	17.608	17.845m
Target Compounds						
2) A alpha-BHC	4.043	3.413	246.4E6	232.2E6	49.731	52.189
3) MA gamma-BHC...	4.373	3.747	235.9E6	225.1E6	49.841m	51.179
4) MA Heptachlor	4.972	4.100	222.0E6	213.7E6	48.530	49.049
5) MB Aldrin	5.314	4.386	228.4E6	207.1E6	49.732	50.326
6) B beta-BHC	4.560	4.038	100.8E6	103.1E6	48.744	49.685m
7) B delta-BHC	4.807	4.276	231.1E6	222.9E6	49.685m	50.876
8) B Heptachlo...	5.735	4.888	204.8E6	193.1E6	51.141	49.986
9) A Endosulfan I	6.117	5.261	197.6E6	184.7E6	52.026	50.470
10) B gamma-Chl...	5.989	5.141	213.4E6	202.3E6	52.305	49.910
11) B alpha-Chl...	6.070	5.205	210.1E6	199.1E6	51.676	50.023
12) B 4,4'-DDE	6.238	5.391	204.5E6	201.5E6	52.160	49.548
13) MA Dieldrin	6.391	5.526	202.9E6	200.6E6	52.642	49.313
14) MA Endrin	6.618	5.801	167.3E6	176.4E6	52.522	48.465
15) B Endosulfa...	6.830	6.091	174.4E6	185.3E6	54.630	51.603
16) A 4,4'-DDD	6.748	5.943	162.0E6	164.7E6	57.240	50.418
17) MA 4,4'-DDT	7.063	6.198	150.1E6	168.1E6	52.684	48.909
18) B Endrin al...	6.960	6.269	123.4E6	131.5E6	53.168	50.311
19) B Endosulfa...	7.193	6.493	149.2E6	164.0E6	53.264	49.433
20) A Methoxychlor	7.535	6.768	70476694	90353671	50.516	47.369
21) B Endrin ke...	7.674	6.998	154.8E6	198.0E6	54.283	56.235
22) Mirex	8.155	7.194	125.3E6	155.5E6	52.733	53.939

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL043025\
Data File : PL095444.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Apr 2025 17:22
Operator : AR\AJ
Sample : Q1889-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

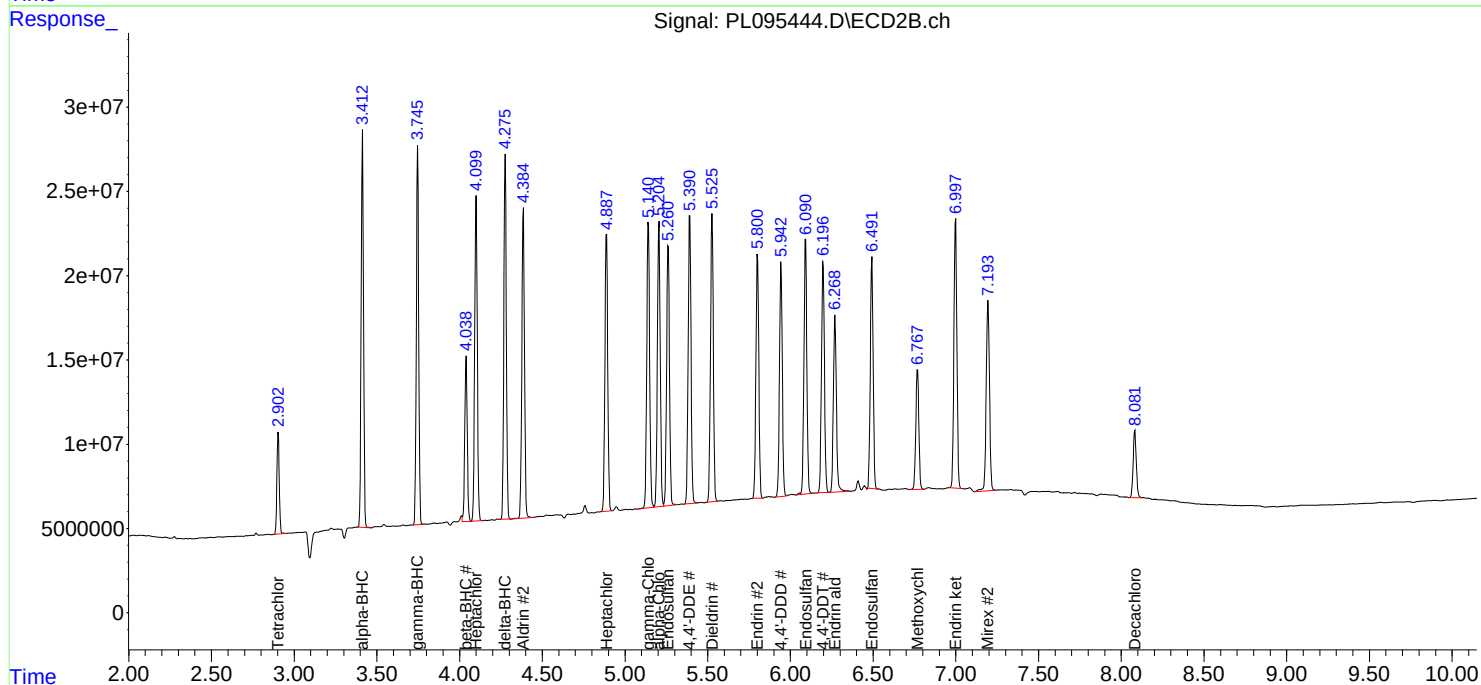
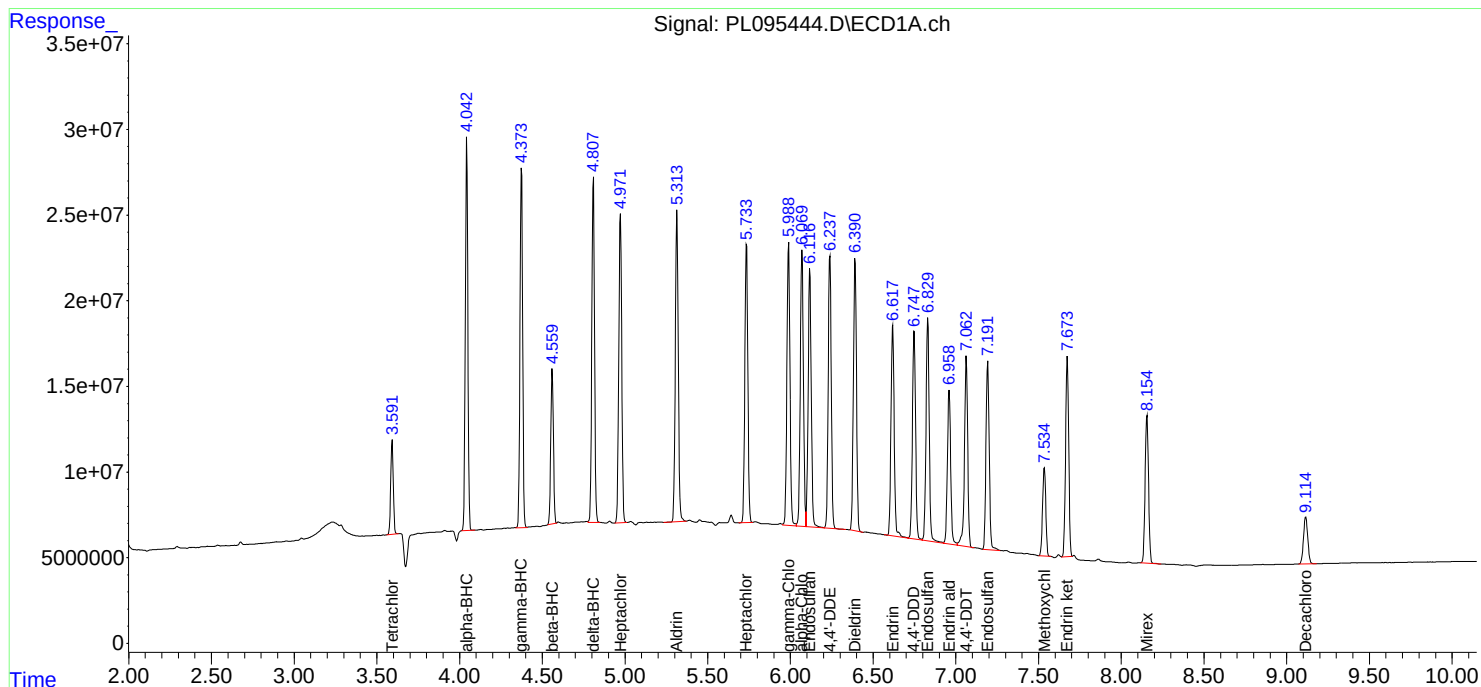
Instrument :
ECD_L
ClientSampleId :
COMP-1MS

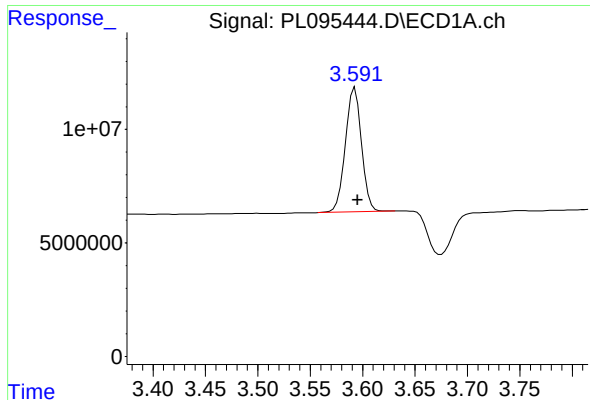
Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 29 01:35:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
Quant Title : GC Extractables
QLast Update : Wed Apr 23 16:23:18 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





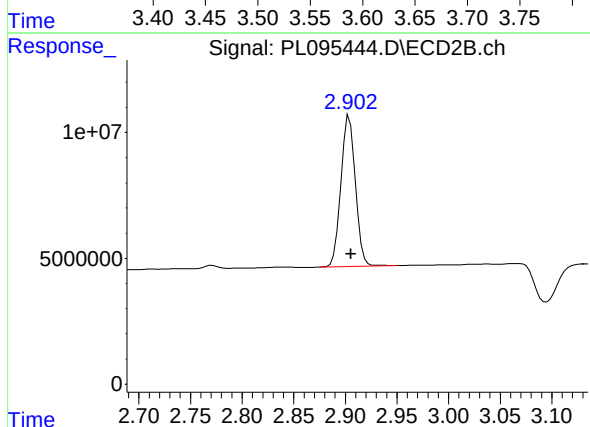
#1 Tetrachloro-m-xylene

R.T.: 3.593 min
Delta R.T.: -0.002 min
Response: 59045523
Conc: 18.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MS

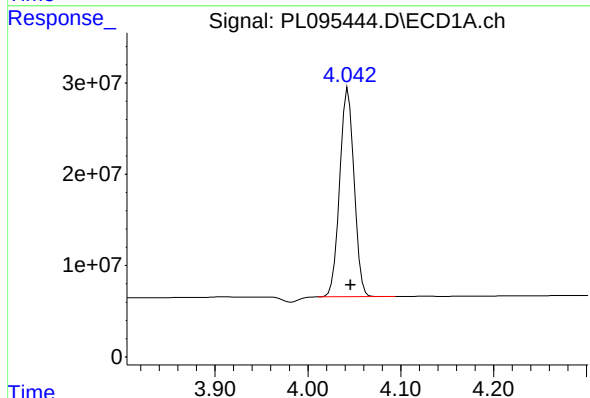
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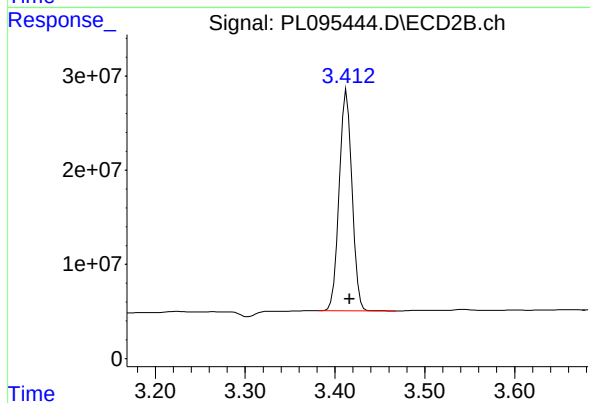
#1 Tetrachloro-m-xylene

R.T.: 2.904 min
Delta R.T.: -0.002 min
Response: 58664256
Conc: 18.45 ng/ml



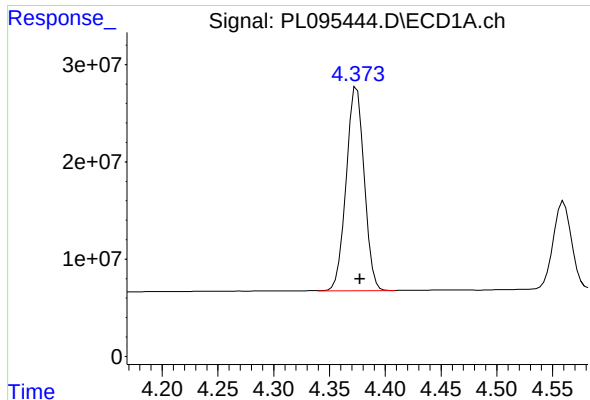
#2 alpha-BHC

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 246353848
Conc: 49.73 ng/ml



#2 alpha-BHC

R.T.: 3.413 min
Delta R.T.: -0.003 min
Response: 232176269
Conc: 52.19 ng/ml



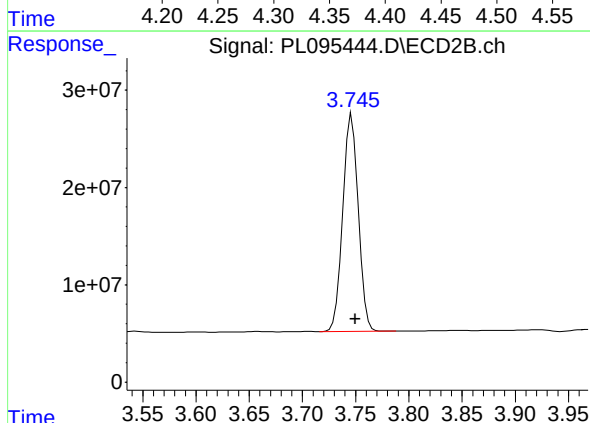
#3 gamma-BHC (Lindane)

R.T.: 4.373 min
Delta R.T.: -0.004 min
Response: 235946145
Conc: 49.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MS

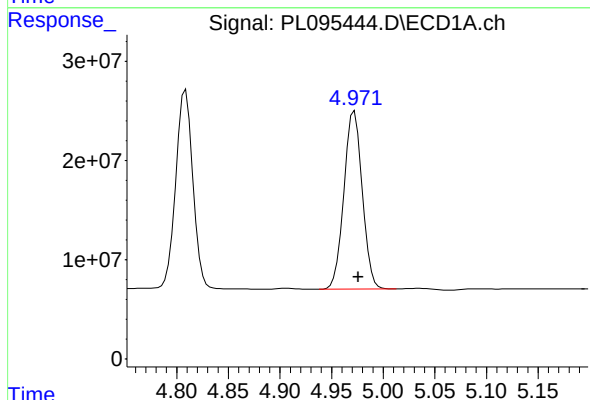
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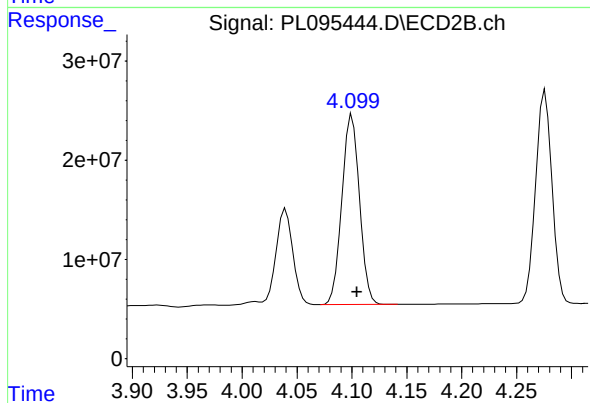
#3 gamma-BHC (Lindane)

R.T.: 3.747 min
Delta R.T.: -0.003 min
Response: 225096372
Conc: 51.18 ng/ml



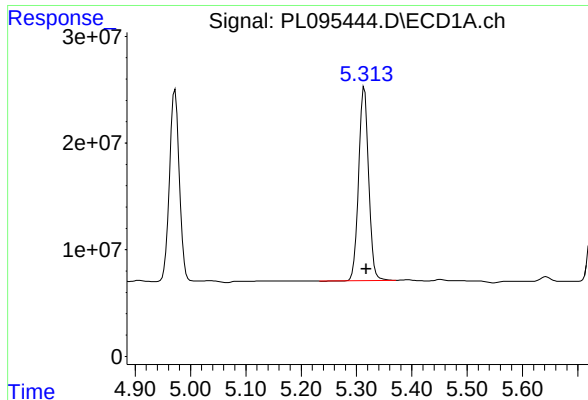
#4 Heptachlor

R.T.: 4.972 min
Delta R.T.: -0.004 min
Response: 221999339
Conc: 48.53 ng/ml



#4 Heptachlor

R.T.: 4.100 min
Delta R.T.: -0.004 min
Response: 213690746
Conc: 49.05 ng/ml



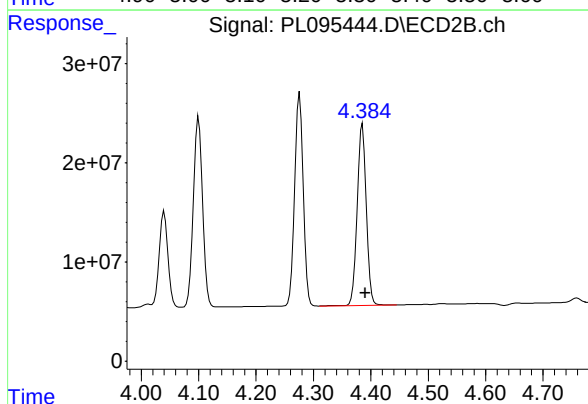
#5 Aldrin

R.T.: 5.314 min
Delta R.T.: -0.004 min
Response: 228420785
Conc: 49.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MS

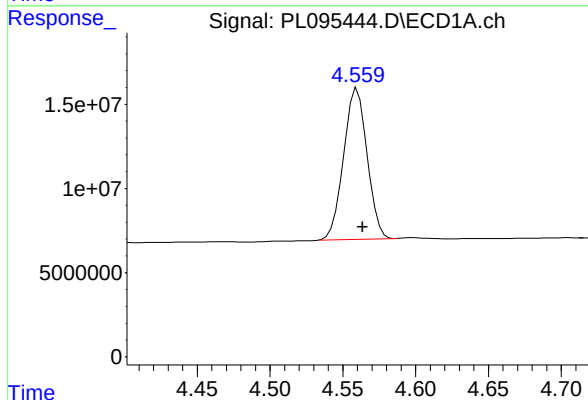
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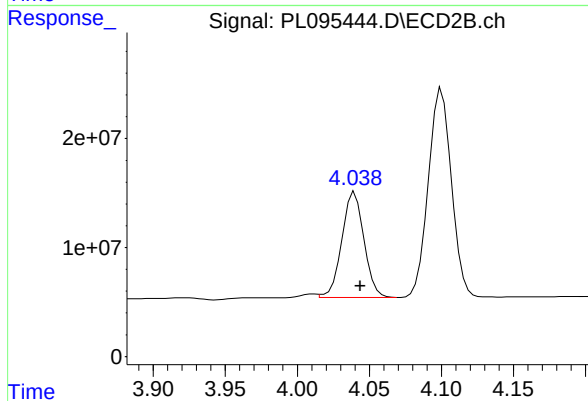
#5 Aldrin

R.T.: 4.386 min
Delta R.T.: -0.004 min
Response: 207127485
Conc: 50.33 ng/ml



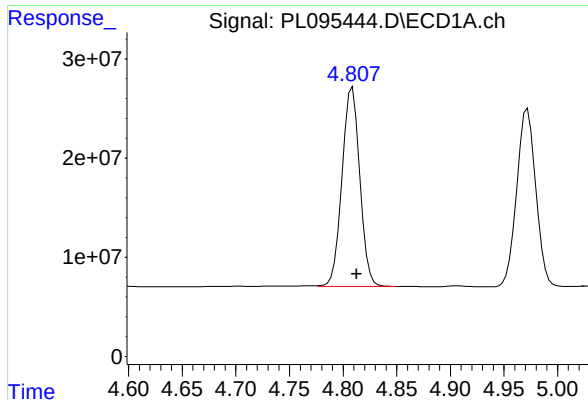
#6 beta-BHC

R.T.: 4.560 min
Delta R.T.: -0.004 min
Response: 100778322
Conc: 48.74 ng/ml



#6 beta-BHC

R.T.: 4.038 min
Delta R.T.: -0.005 min
Response: 103139520
Conc: 49.69 ng/ml m



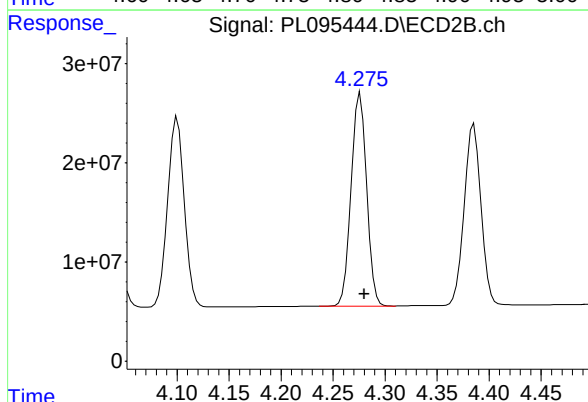
#7 delta-BHC

R.T.: 4.807 min
Delta R.T.: -0.005 min
Response: 231069724
Conc: 49.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MS

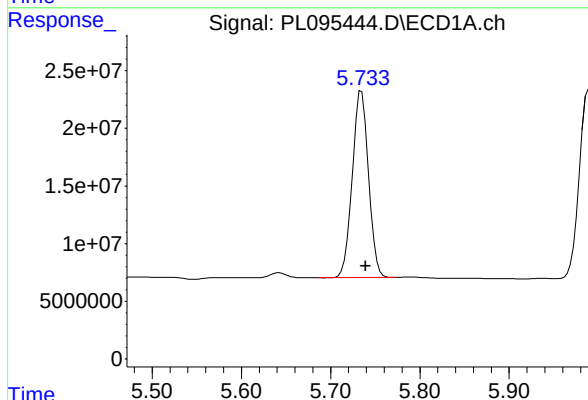
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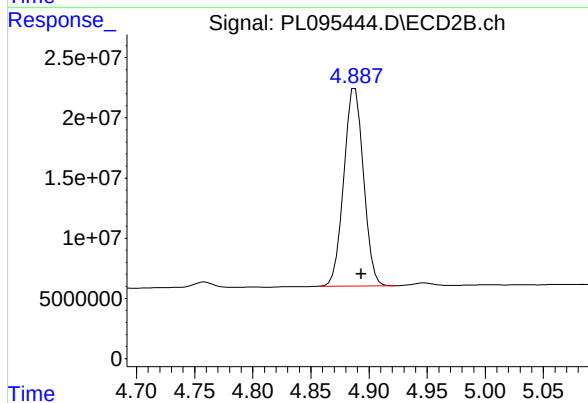
#7 delta-BHC

R.T.: 4.276 min
Delta R.T.: -0.004 min
Response: 222937632
Conc: 50.88 ng/ml



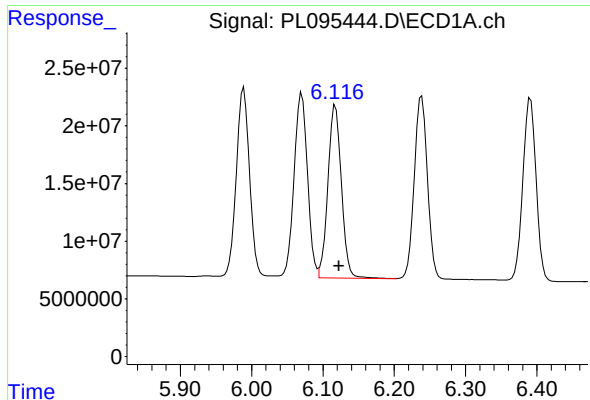
#8 Heptachlor epoxide

R.T.: 5.735 min
Delta R.T.: -0.004 min
Response: 204828759
Conc: 51.14 ng/ml



#8 Heptachlor epoxide

R.T.: 4.888 min
Delta R.T.: -0.005 min
Response: 193077876
Conc: 49.99 ng/ml



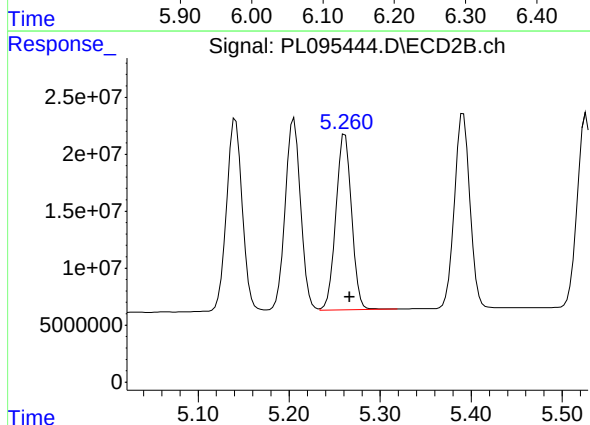
#9 Endosulfan I

R.T.: 6.117 min
Delta R.T.: -0.005 min
Response: 197567431
Conc: 52.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MS

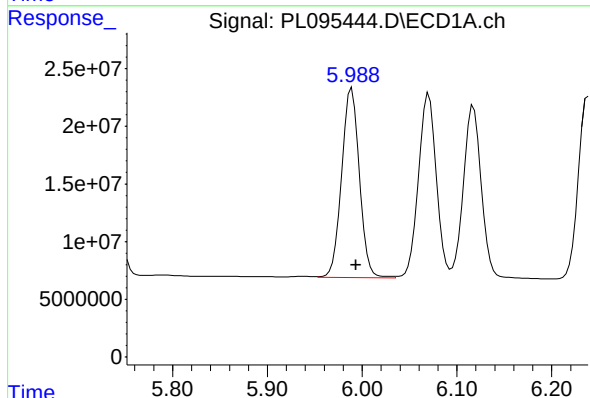
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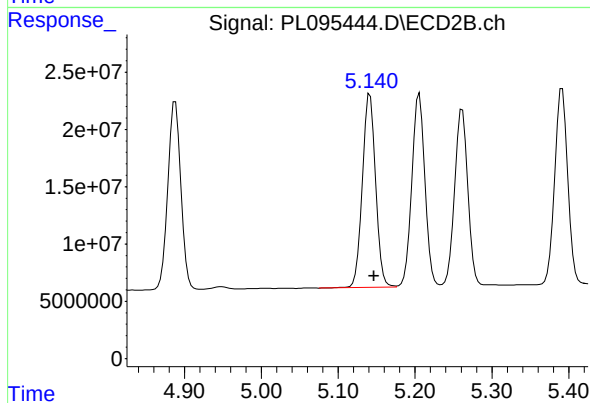
#9 Endosulfan I

R.T.: 5.261 min
Delta R.T.: -0.005 min
Response: 184742608
Conc: 50.47 ng/ml



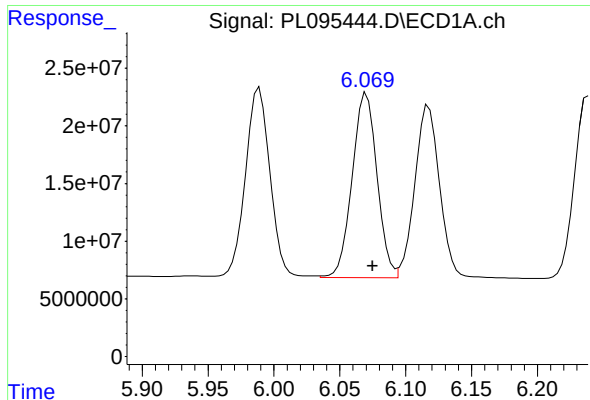
#10 gamma-Chlordane

R.T.: 5.989 min
Delta R.T.: -0.005 min
Response: 213369924
Conc: 52.30 ng/ml



#10 gamma-Chlordane

R.T.: 5.141 min
Delta R.T.: -0.005 min
Response: 202269991
Conc: 49.91 ng/ml



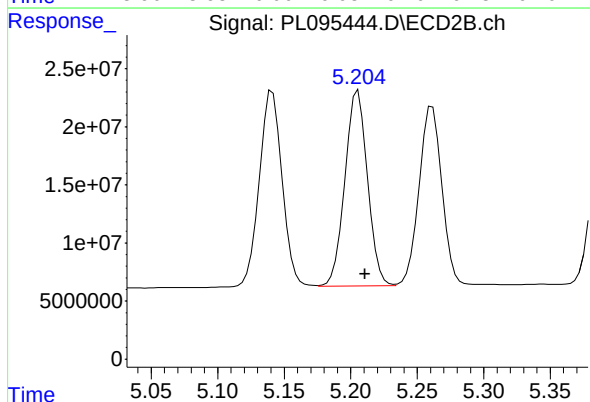
#11 alpha-Chlordane

R.T.: 6.070 min
Delta R.T.: -0.004 min
Response: 210118144
Conc: 51.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MS

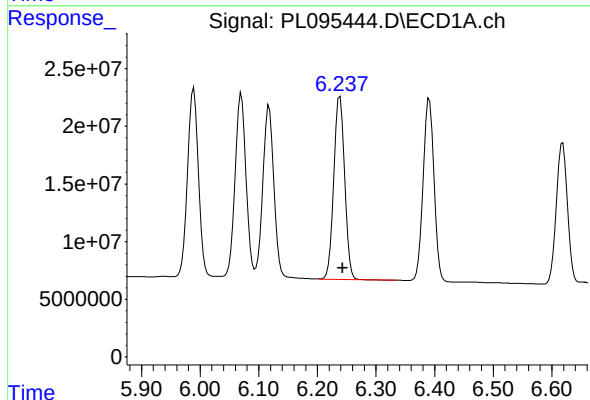
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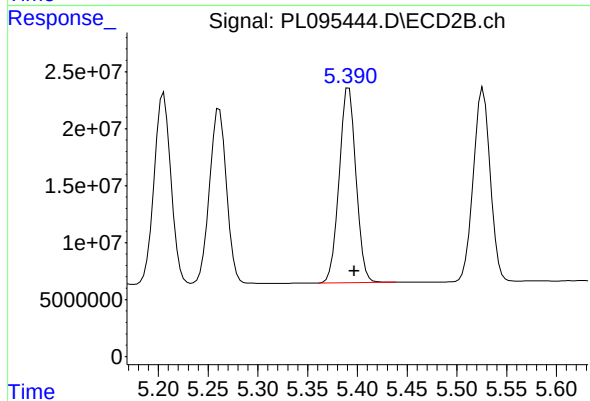
#11 alpha-Chlordane

R.T.: 5.205 min
Delta R.T.: -0.005 min
Response: 199144814
Conc: 50.02 ng/ml



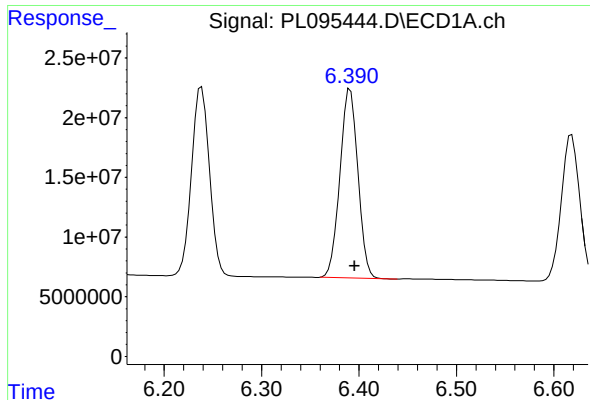
#12 4,4'-DDE

R.T.: 6.238 min
Delta R.T.: -0.005 min
Response: 204496016
Conc: 52.16 ng/ml



#12 4,4'-DDE

R.T.: 5.391 min
Delta R.T.: -0.005 min
Response: 201510459
Conc: 49.55 ng/ml



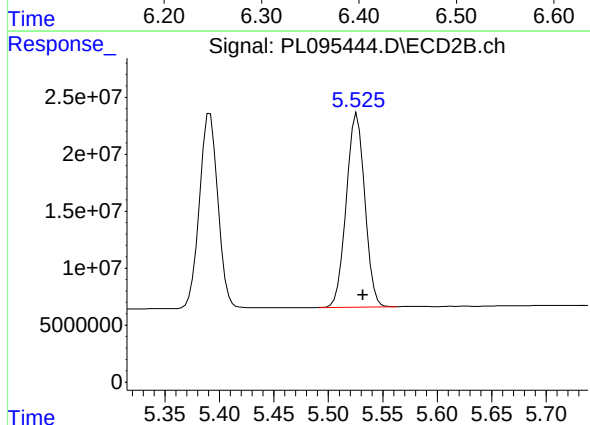
#13 Dieldrin

R.T.: 6.391 min
Delta R.T.: -0.004 min
Response: 202923413
Conc: 52.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MS

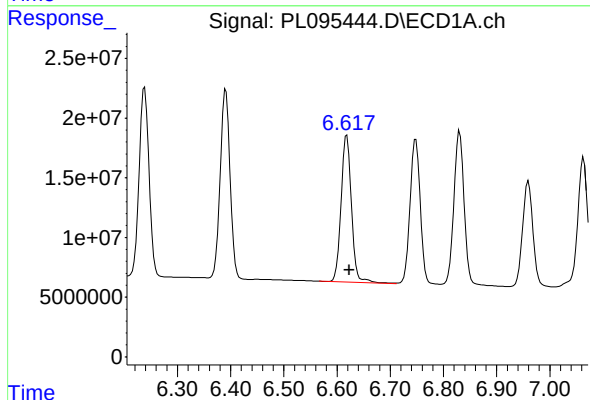
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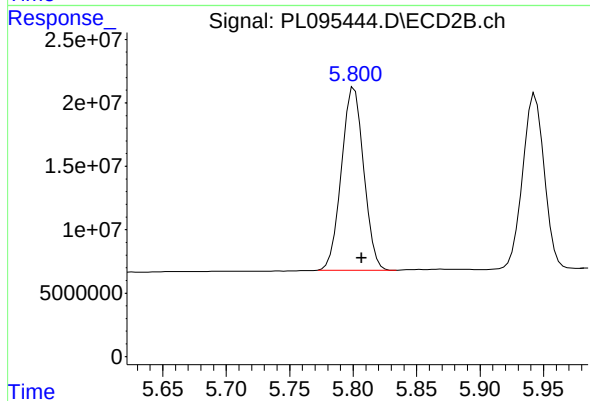
#13 Dieldrin

R.T.: 5.526 min
Delta R.T.: -0.005 min
Response: 200559713
Conc: 49.31 ng/ml



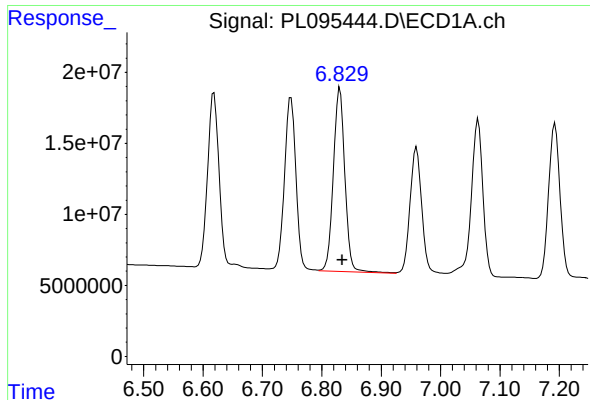
#14 Endrin

R.T.: 6.618 min
Delta R.T.: -0.005 min
Response: 167268050
Conc: 52.52 ng/ml



#14 Endrin

R.T.: 5.801 min
Delta R.T.: -0.006 min
Response: 176447243
Conc: 48.46 ng/ml



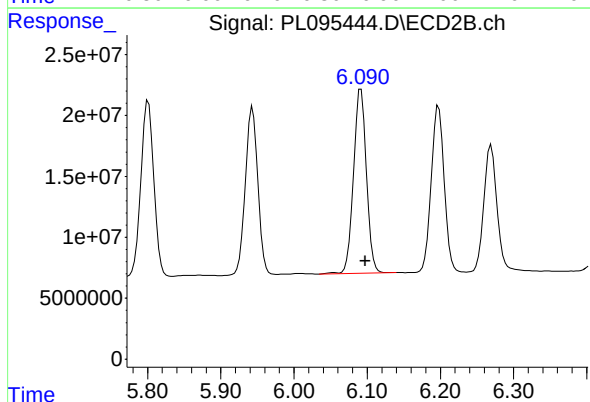
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: -0.004 min
Response: 174387772
Conc: 54.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MS

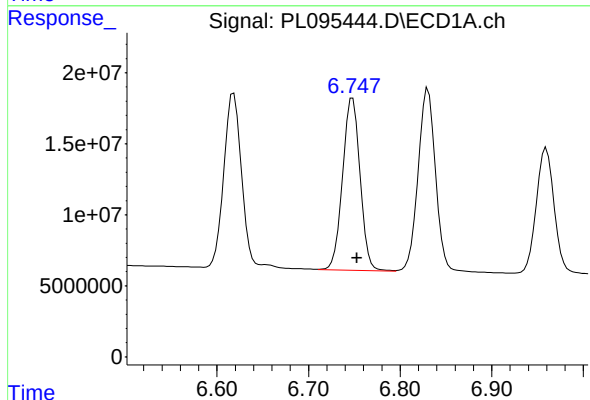
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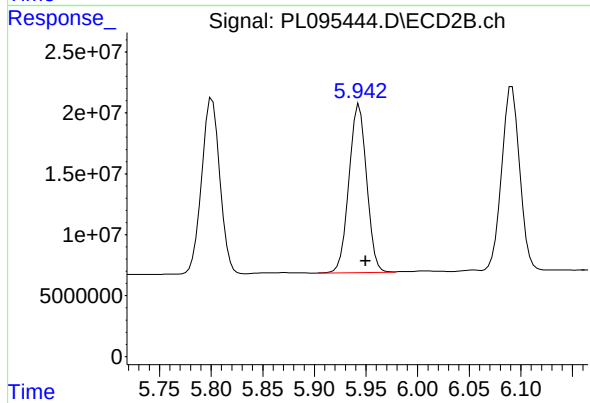
#15 Endosulfan II

R.T.: 6.091 min
Delta R.T.: -0.006 min
Response: 185313045
Conc: 51.60 ng/ml



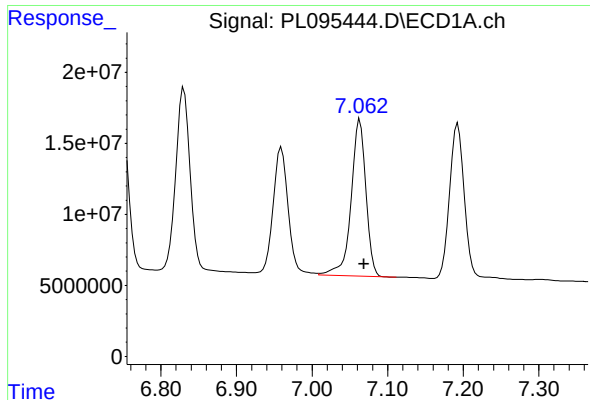
#16 4,4'-DDD

R.T.: 6.748 min
Delta R.T.: -0.005 min
Response: 162043381
Conc: 57.24 ng/ml



#16 4,4'-DDD

R.T.: 5.943 min
Delta R.T.: -0.006 min
Response: 164705892
Conc: 50.42 ng/ml



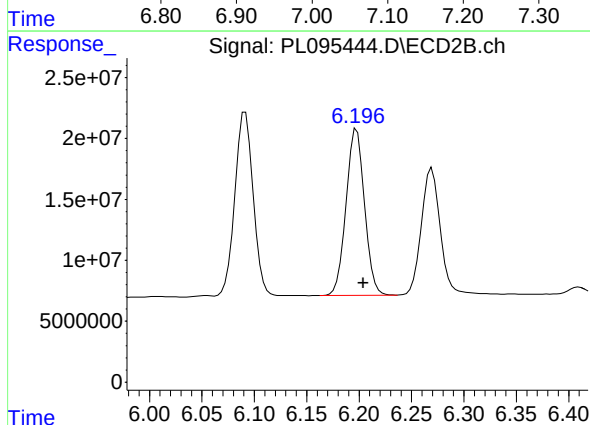
#17 4,4'-DDT

R.T.: 7.063 min
Delta R.T.: -0.005 min
Response: 150074347
Conc: 52.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MS

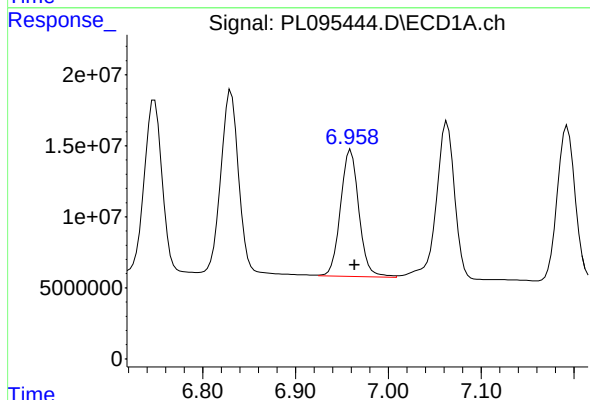
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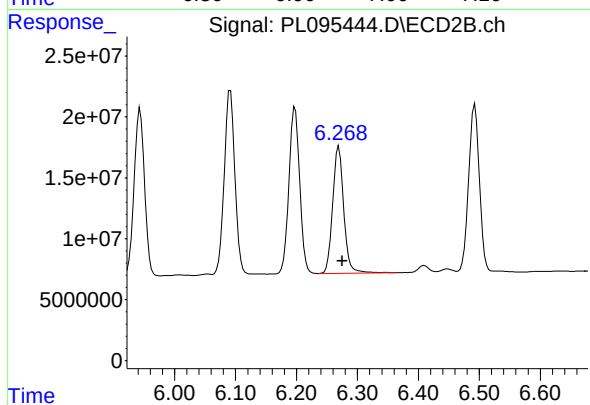
#17 4,4'-DDT

R.T.: 6.198 min
Delta R.T.: -0.006 min
Response: 168061473
Conc: 48.91 ng/ml



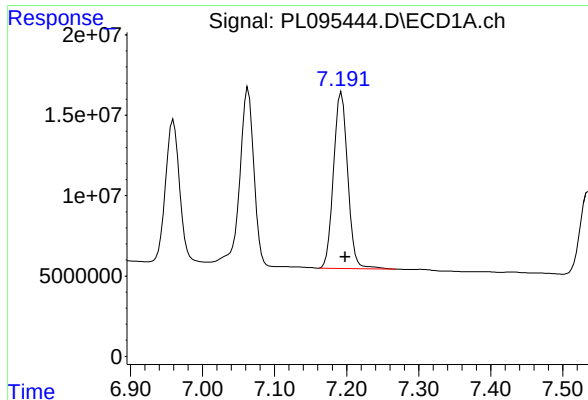
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: -0.004 min
Response: 123392865
Conc: 53.17 ng/ml



#18 Endrin aldehyde

R.T.: 6.269 min
Delta R.T.: -0.006 min
Response: 131471183
Conc: 50.31 ng/ml



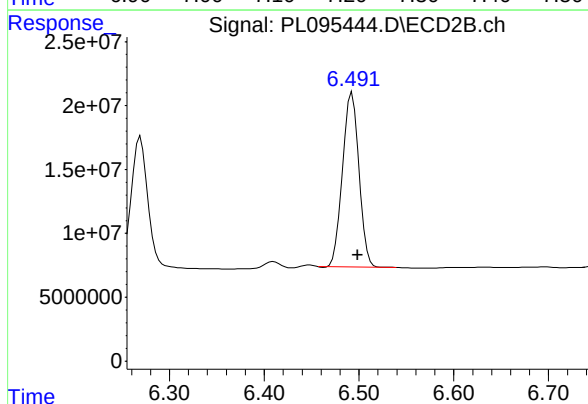
#19 Endosulfan Sulfate

R.T.: 7.193 min
Delta R.T.: -0.005 min
Response: 149235960
Conc: 53.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MS

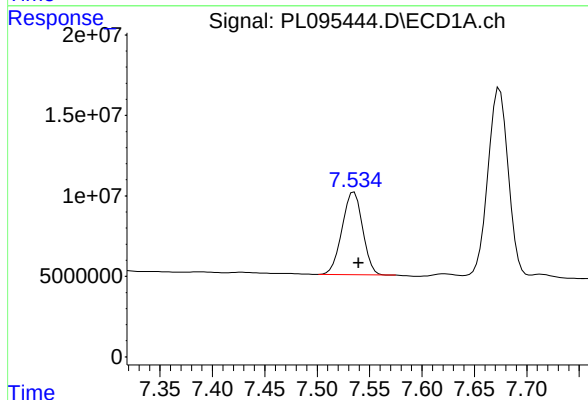
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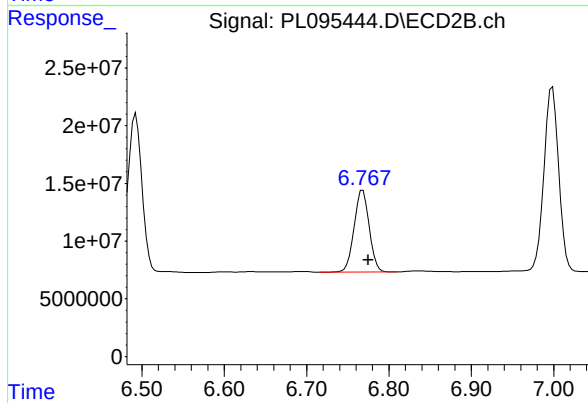
#19 Endosulfan Sulfate

R.T.: 6.493 min
Delta R.T.: -0.006 min
Response: 164013758
Conc: 49.43 ng/ml



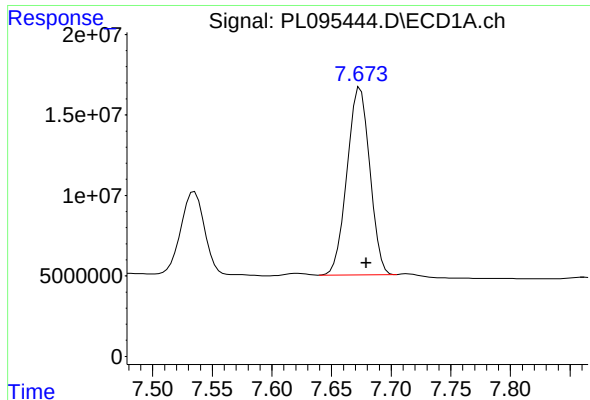
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: -0.004 min
Response: 70476694
Conc: 50.52 ng/ml



#20 Methoxychlor

R.T.: 6.768 min
Delta R.T.: -0.007 min
Response: 90353671
Conc: 47.37 ng/ml



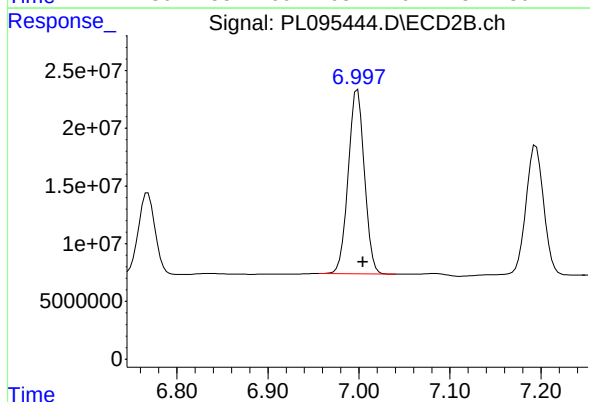
#21 Endrin ketone

R.T.: 7.674 min
Delta R.T.: -0.005 min
Response: 154755354
Conc: 54.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MS

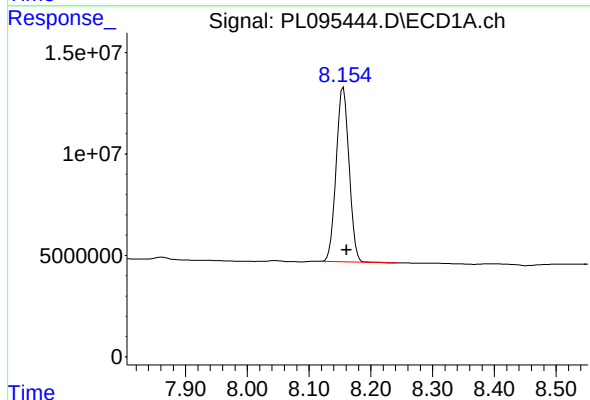
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APPROVED

Reviewed By :Abdul Mirza 04/29/2025
Supervised By :mohammad ahmed 05/02/2025



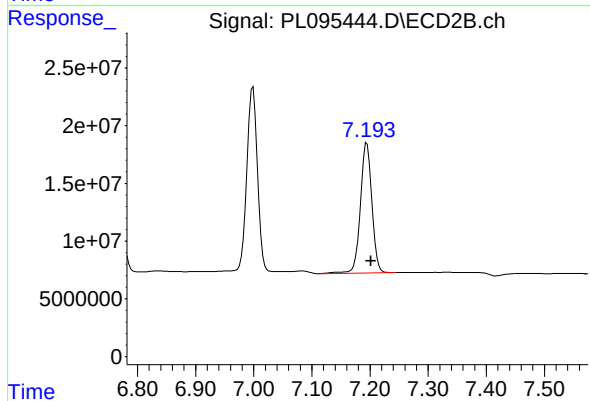
#21 Endrin ketone

R.T.: 6.998 min
Delta R.T.: -0.006 min
Response: 198021326
Conc: 56.24 ng/ml



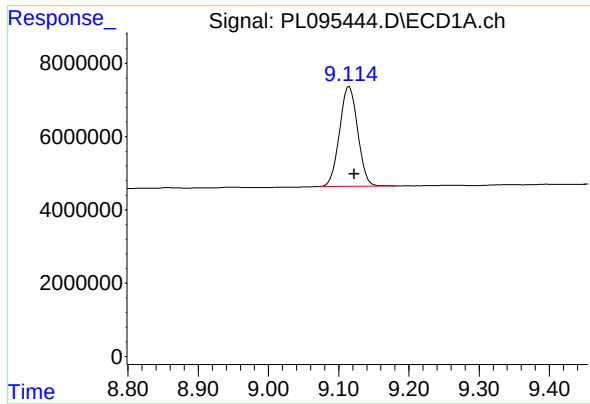
#22 Mirex

R.T.: 8.155 min
Delta R.T.: -0.005 min
Response: 125294670
Conc: 52.73 ng/ml



#22 Mirex

R.T.: 7.194 min
Delta R.T.: -0.007 min
Response: 155472549
Conc: 53.94 ng/ml



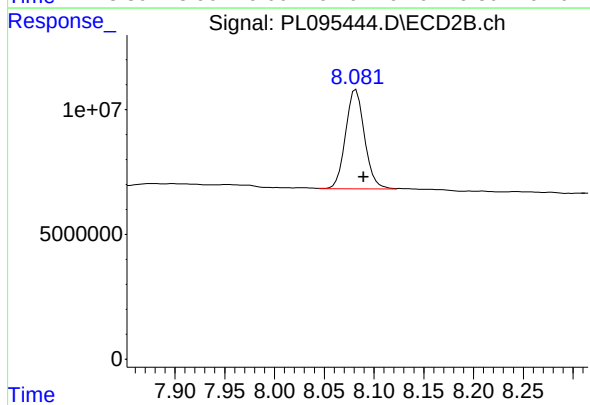
#28 Decachlorobiphenyl

R.T.: 9.115 min
Delta R.T.: -0.007 min
Response: 48789481
Conc: 17.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
COMP-1MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.081 min
Delta R.T.: -0.009 min
Response: 52807434
Conc: 17.84 ng/ml m