

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042425\
 Data File : PL095370.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Apr 2025 15:03
 Operator : AR\AJ
 Sample : Q1867-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ211MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/25/2025
 Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 25 02:30:22 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...	3.595	2.905	54420195	54078421	16.669	17.007m
28) SA Decachlor...	9.120	8.086	46476130	44614825	16.773	15.076
Target Compounds						
2) A alpha-BHC	4.046	3.415	234.7E6	198.5E6	47.371	44.617
3) MA gamma-BHC...	4.376	3.747	231.5E6	190.1E6	48.897m	43.220m
4) MA Heptachlor	4.975	4.103	213.3E6	183.9E6	46.633	42.210
5) MB Aldrin	5.317	4.388	230.6E6	176.9E6	50.206	42.979
6) B beta-BHC	4.562	4.042	61533520	88944979	29.762m	42.847 #
7) B delta-BHC	4.810	4.279	214.7E6	190.2E6	46.163m	43.405
8) B Heptachlo...	5.738	4.892	195.7E6	171.5E6	48.862	44.392
9) A Endosulfan I	6.119	5.265	171.8E6	158.8E6	45.239m	43.390
10) B gamma-Chl...	5.992	5.143	228.8E6	180.4E6	56.075	44.504m
11) B alpha-Chl...	6.072	5.208	193.0E6	194.3E6	47.477m	48.800
12) B 4,4'-DDE	6.243	5.395	165.4E6	193.1E6	42.194	47.477
13) MA Dieldrin	6.394	5.528	180.4E6	177.5E6	46.804	43.654m
14) MA Endrin	6.621	5.804	147.1E6	178.1E6	46.175	48.926m
15) B Endosulfa...	6.834	6.094	148.4E6	160.6E6	46.494	44.715
16) A 4,4'-DDD	6.751	5.947	152.3E6	147.1E6	53.810	45.035
17) MA 4,4'-DDT	7.067	6.201	200.9E6	213.2E6	70.539	62.043
18) B Endrin al...	6.963	6.273	107.5E6	116.4E6	46.307	44.537
19) B Endosulfa...	7.196	6.496	128.5E6	129.2E6	45.852	38.935
20) A Methoxychlor	7.538	6.770	55035822	80116956	39.448	42.003m
21) B Endrin ke...	7.676	7.000	146.8E6	144.3E6	51.484m	40.982m
22) Mirex	8.157	7.199	127.3E6	115.9E6	53.591m	40.226

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042425\
Data File : PL095370.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Apr 2025 15:03
Operator : AR\AJ
Sample : Q1867-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

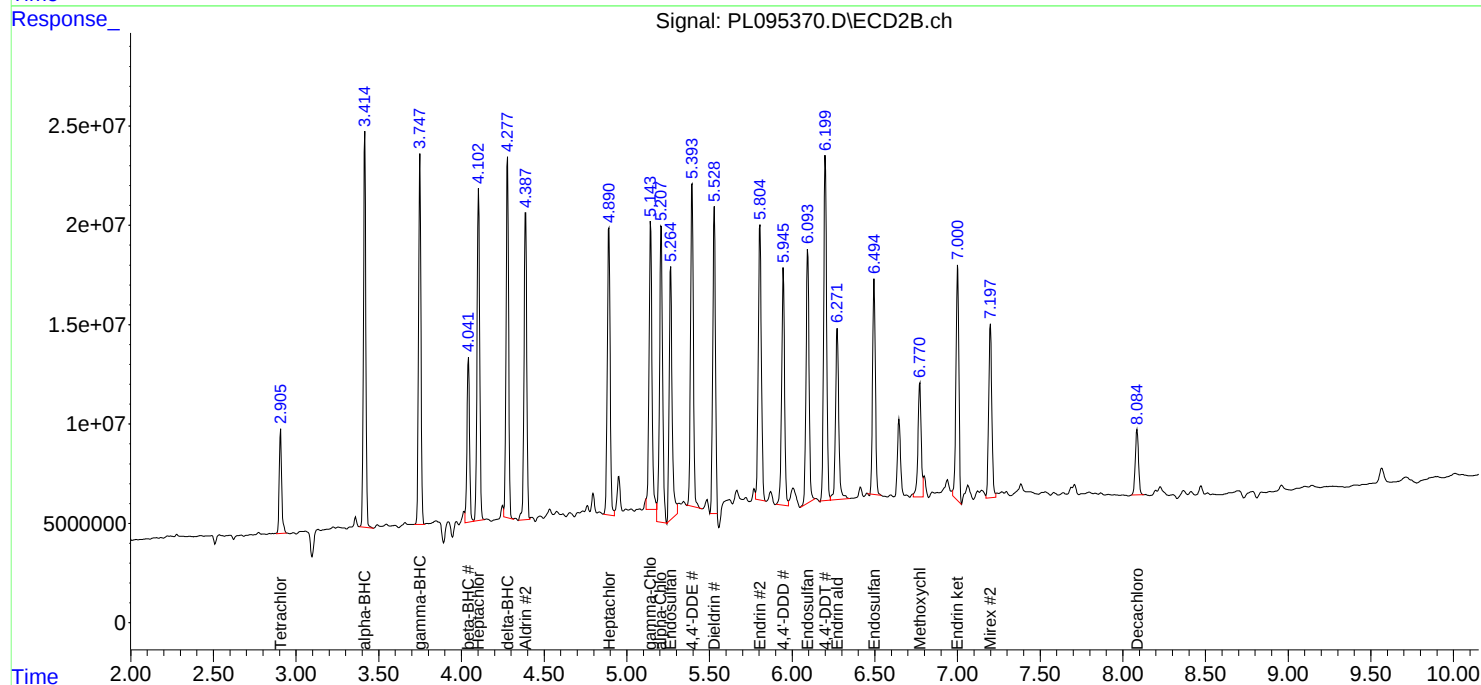
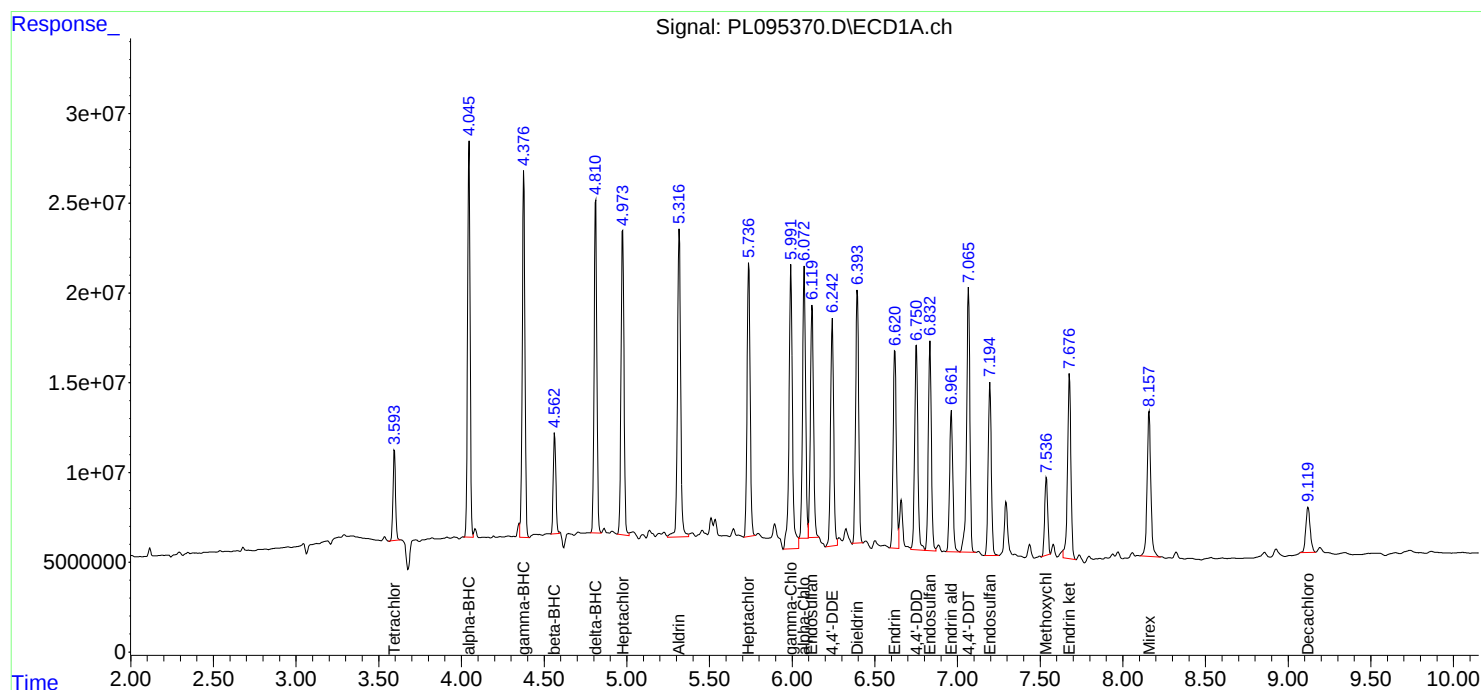
Instrument :
ECD_L
ClientSampleId :
VNJ211MSD

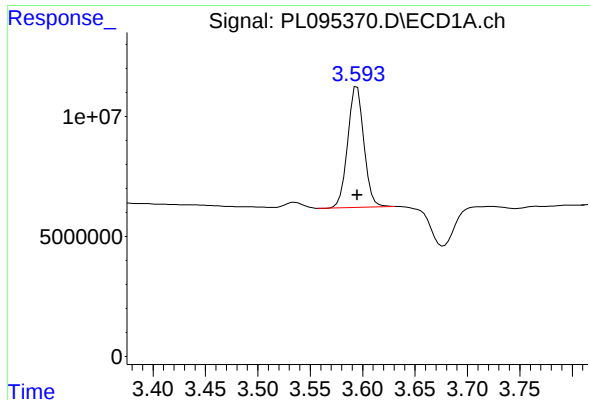
Manual Integrations
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Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 25 02:30:22 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





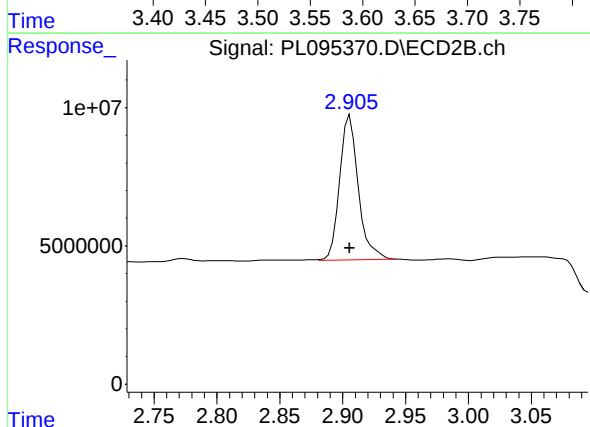
#1 Tetrachloro-m-xylene

R.T.: 3.595 min
Delta R.T.: 0.000 min
Response: 54420195
Conc: 16.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ211MSD

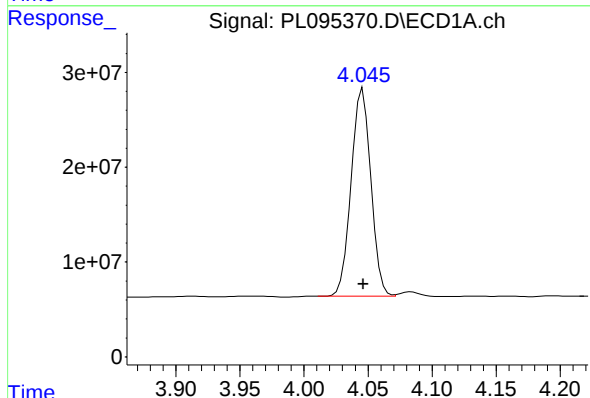
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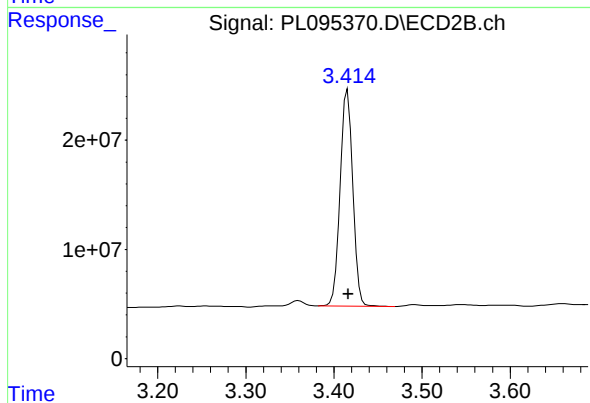
#1 Tetrachloro-m-xylene

R.T.: 2.905 min
Delta R.T.: -0.001 min
Response: 54078421
Conc: 17.01 ng/ml



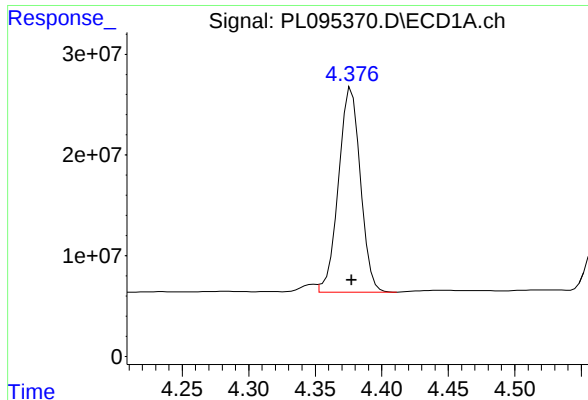
#2 alpha-BHC

R.T.: 4.046 min
Delta R.T.: 0.000 min
Response: 234665859
Conc: 47.37 ng/ml



#2 alpha-BHC

R.T.: 3.415 min
Delta R.T.: 0.000 min
Response: 198489219
Conc: 44.62 ng/ml



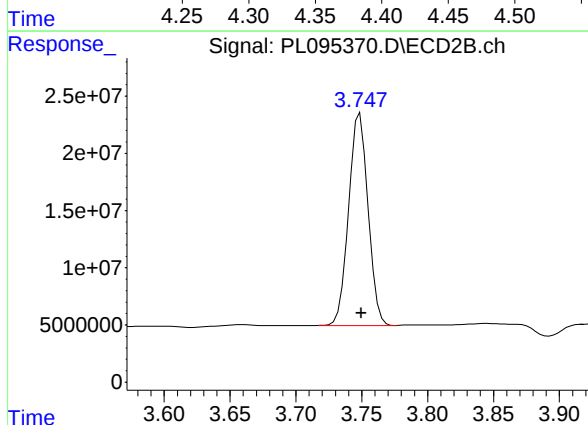
#3 gamma-BHC (Lindane)

R.T.: 4.376 min
Delta R.T.: -0.002 min
Response: 231477053
Conc: 48.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ211MSD

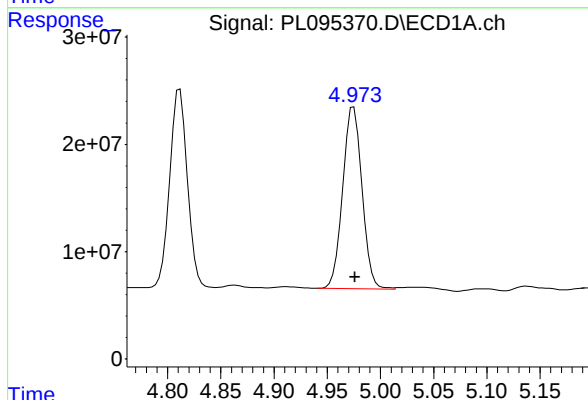
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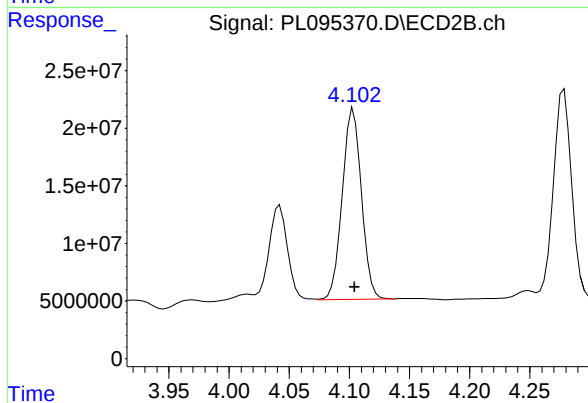
#3 gamma-BHC (Lindane)

R.T.: 3.747 min
Delta R.T.: -0.002 min
Response: 190091829
Conc: 43.22 ng/ml



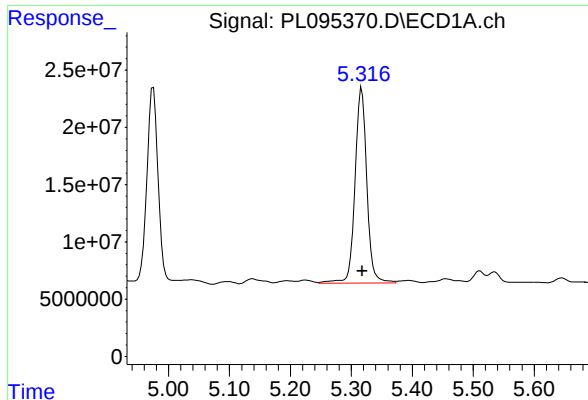
#4 Heptachlor

R.T.: 4.975 min
Delta R.T.: -0.001 min
Response: 213319555
Conc: 46.63 ng/ml



#4 Heptachlor

R.T.: 4.103 min
Delta R.T.: -0.001 min
Response: 183895720
Conc: 42.21 ng/ml



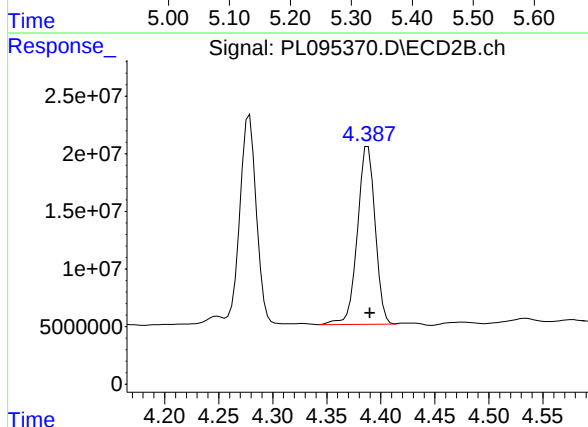
#5 Aldrin

R.T.: 5.317 min
Delta R.T.: -0.001 min
Response: 230597008
Conc: 50.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ211MSD

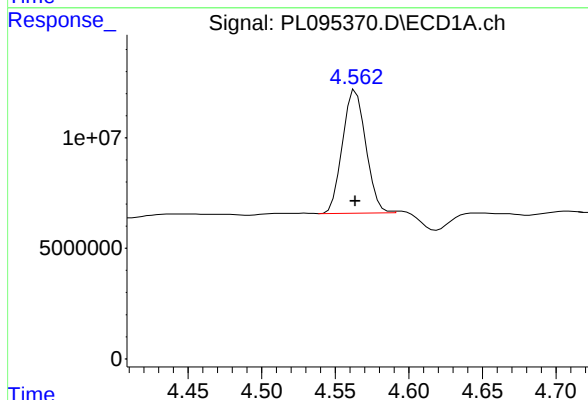
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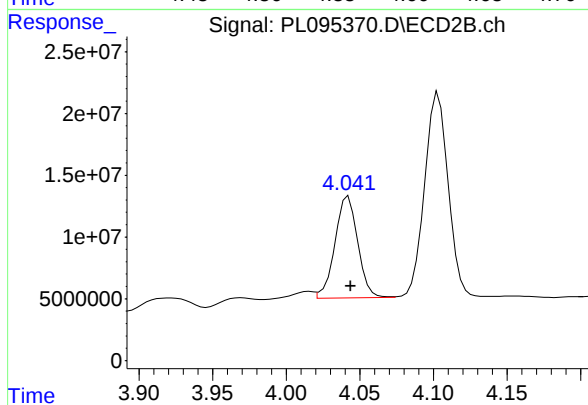
#5 Aldrin

R.T.: 4.388 min
Delta R.T.: -0.002 min
Response: 176887196
Conc: 42.98 ng/ml



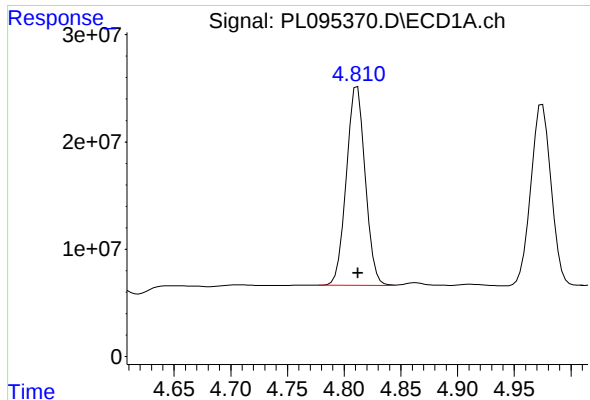
#6 beta-BHC

R.T.: 4.562 min
Delta R.T.: -0.001 min
Response: 61533520
Conc: 29.76 ng/ml m



#6 beta-BHC

R.T.: 4.042 min
Delta R.T.: -0.002 min
Response: 88944979
Conc: 42.85 ng/ml



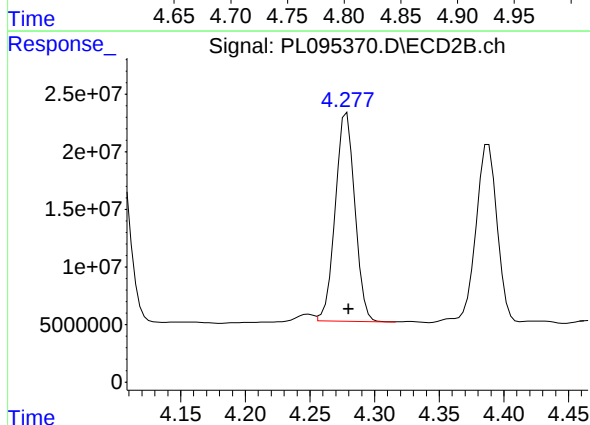
#7 delta-BHC

R.T.: 4.810 min
Delta R.T.: -0.002 min
Response: 214689204
Conc: 46.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ211MSD

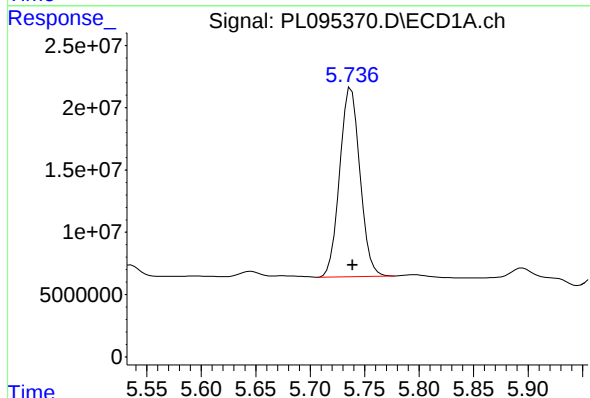
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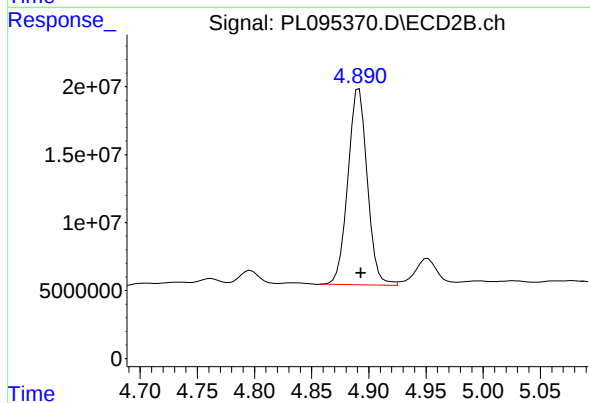
#7 delta-BHC

R.T.: 4.279 min
Delta R.T.: -0.001 min
Response: 190199469
Conc: 43.41 ng/ml



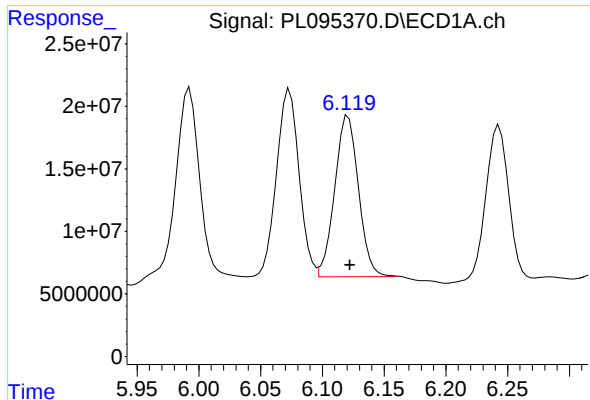
#8 Heptachlor epoxide

R.T.: 5.738 min
Delta R.T.: -0.001 min
Response: 195699920
Conc: 48.86 ng/ml



#8 Heptachlor epoxide

R.T.: 4.892 min
Delta R.T.: -0.002 min
Response: 171473196
Conc: 44.39 ng/ml



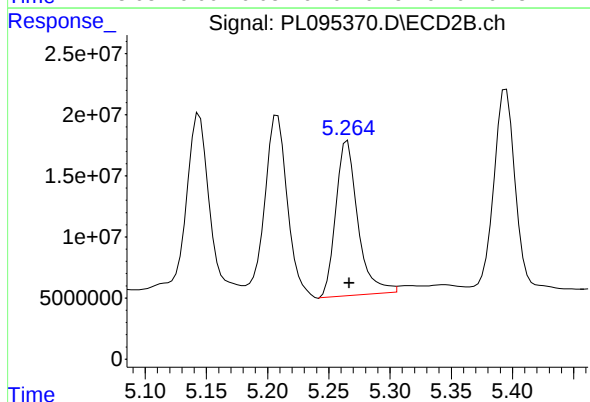
#9 Endosulfan I

R.T.: 6.119 min
Delta R.T.: -0.003 min
Response: 171793580
Conc: 45.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ211MSD

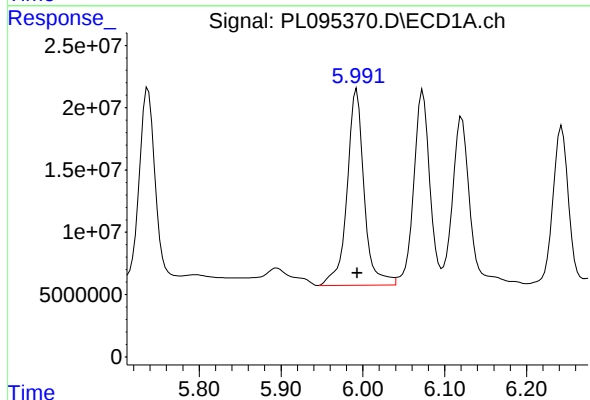
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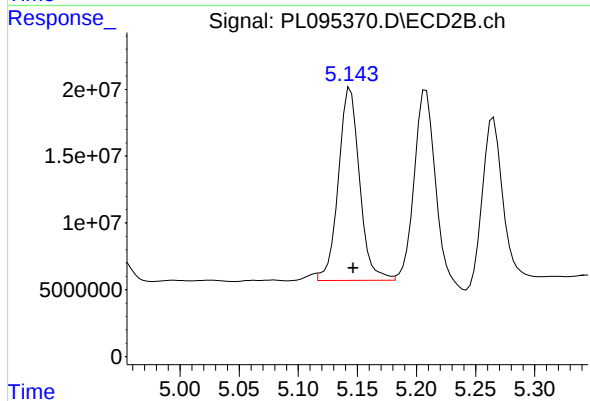
#9 Endosulfan I

R.T.: 5.265 min
Delta R.T.: -0.001 min
Response: 158824661
Conc: 43.39 ng/ml



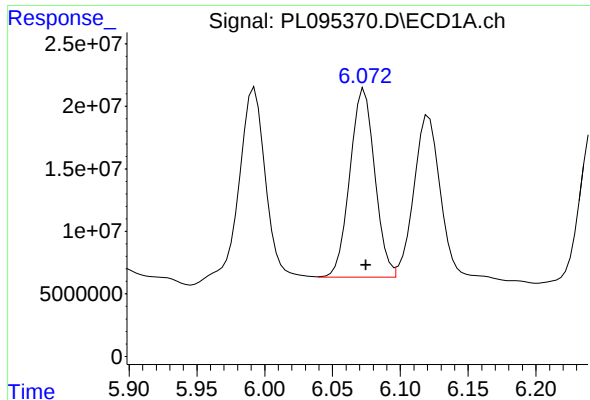
#10 gamma-Chlordane

R.T.: 5.992 min
Delta R.T.: -0.001 min
Response: 228750472
Conc: 56.08 ng/ml



#10 gamma-Chlordane

R.T.: 5.143 min
Delta R.T.: -0.004 min
Response: 180361247
Conc: 44.50 ng/ml m



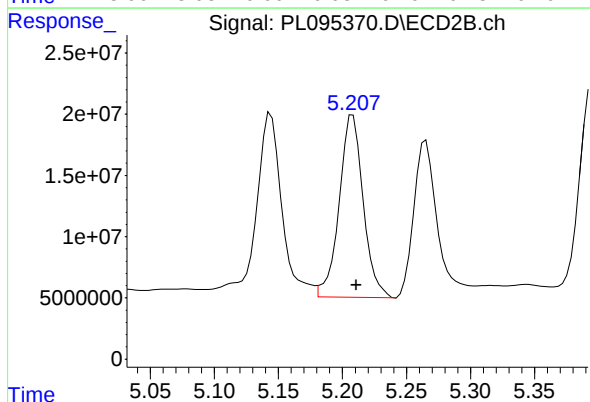
#11 alpha-Chlordane

R.T.: 6.072 min
Delta R.T.: -0.003 min
Response: 193044359
Conc: 47.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ211MSD

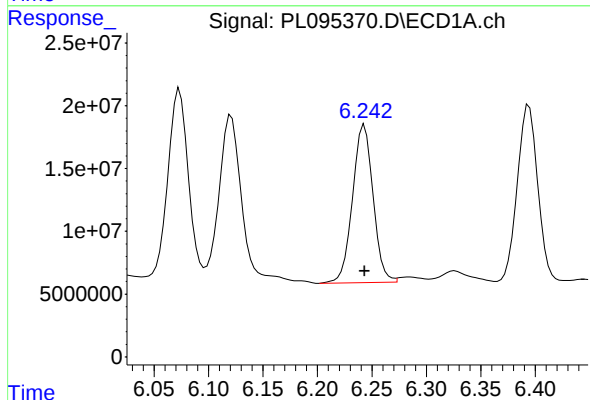
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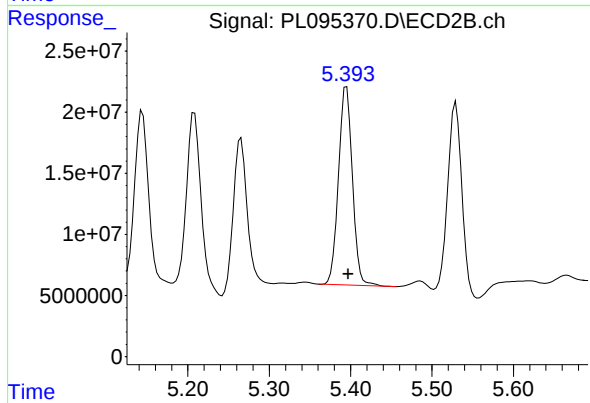
#11 alpha-Chlordane

R.T.: 5.208 min
Delta R.T.: -0.002 min
Response: 194277495
Conc: 48.80 ng/ml



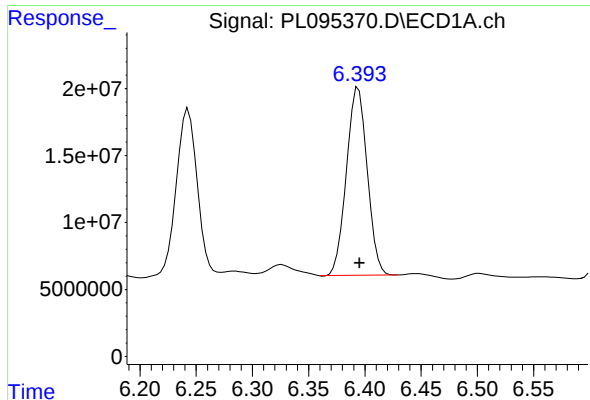
#12 4,4'-DDE

R.T.: 6.243 min
Delta R.T.: 0.000 min
Response: 165423880
Conc: 42.19 ng/ml



#12 4,4'-DDE

R.T.: 5.395 min
Delta R.T.: -0.002 min
Response: 193088326
Conc: 47.48 ng/ml



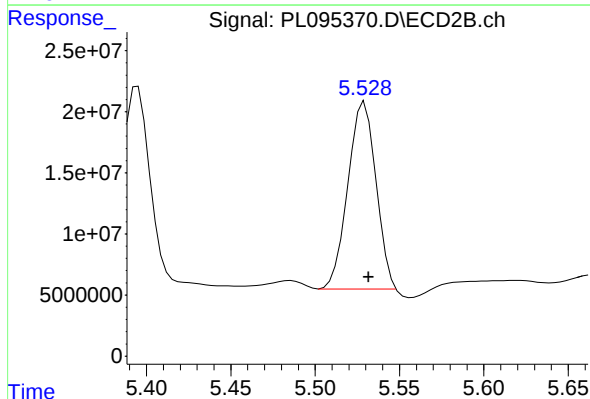
#13 Dieldrin

R.T.: 6.394 min
Delta R.T.: -0.001 min
Response: 180421280
Conc: 46.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ211MSD

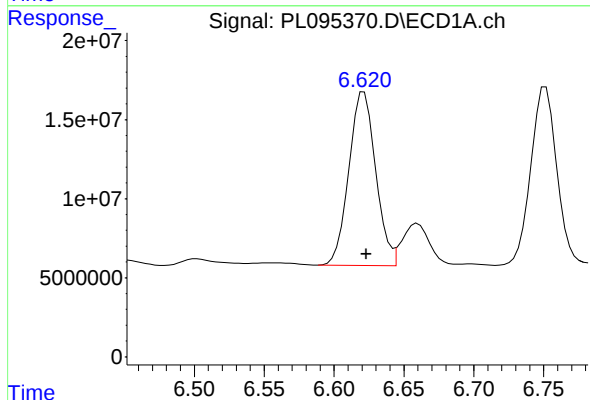
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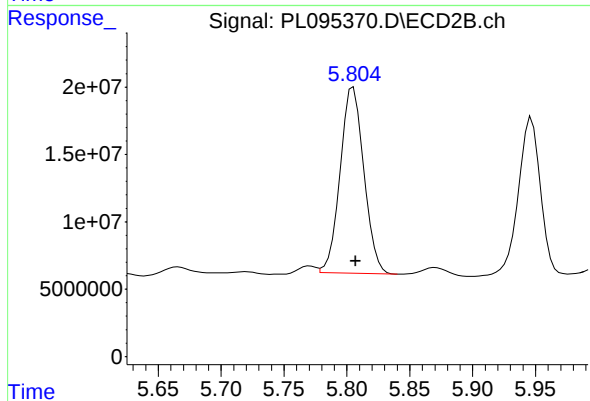
#13 Dieldrin

R.T.: 5.528 min
Delta R.T.: -0.004 min
Response: 177545554
Conc: 43.65 ng/ml



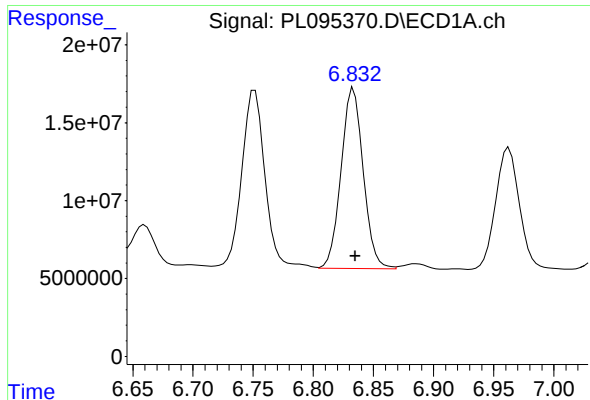
#14 Endrin

R.T.: 6.621 min
Delta R.T.: -0.002 min
Response: 147055304
Conc: 46.17 ng/ml



#14 Endrin

R.T.: 5.804 min
Delta R.T.: -0.003 min
Response: 178125158
Conc: 48.93 ng/ml



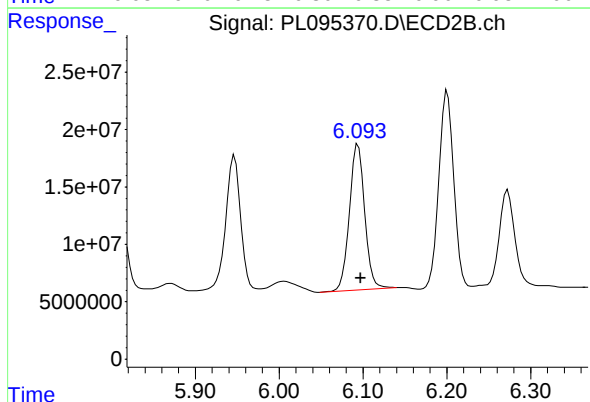
#15 Endosulfan II

R.T.: 6.834 min
Delta R.T.: -0.001 min
Response: 148415762
Conc: 46.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ211MSD

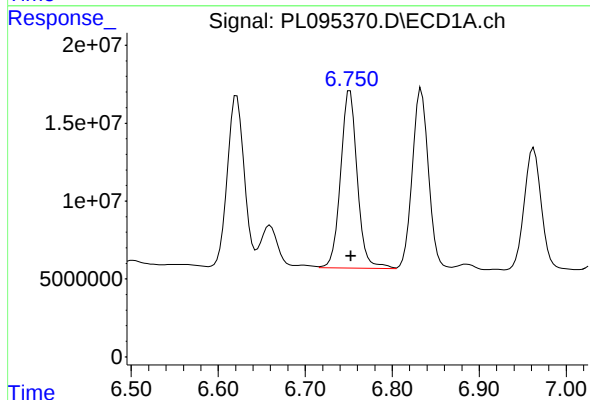
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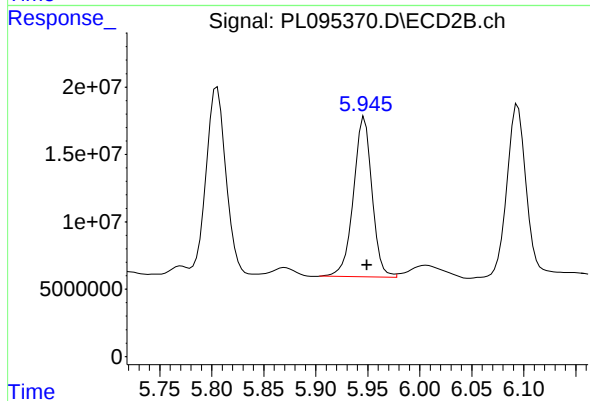
#15 Endosulfan II

R.T.: 6.094 min
Delta R.T.: -0.003 min
Response: 160574549
Conc: 44.71 ng/ml



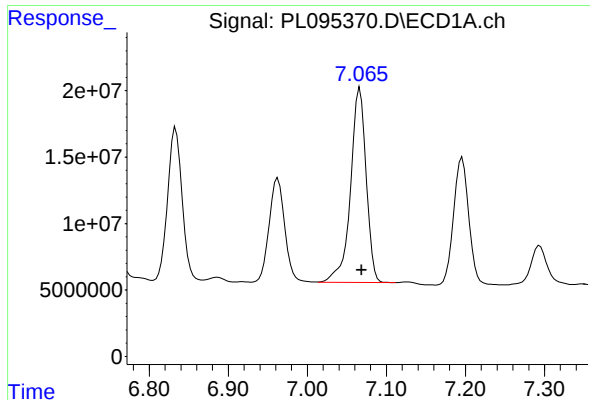
#16 4,4'-DDD

R.T.: 6.751 min
Delta R.T.: -0.001 min
Response: 152333275
Conc: 53.81 ng/ml



#16 4,4'-DDD

R.T.: 5.947 min
Delta R.T.: -0.003 min
Response: 147120388
Conc: 45.04 ng/ml



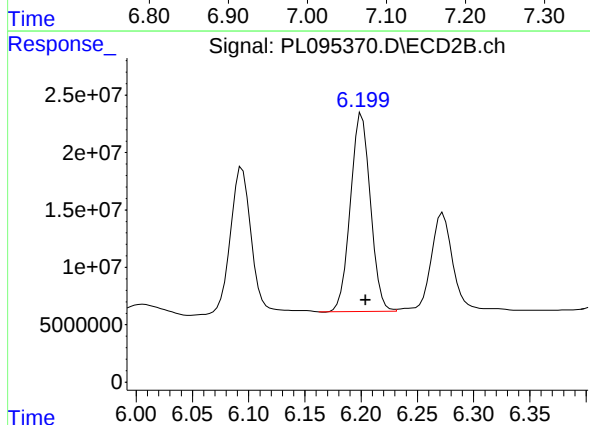
#17 4,4'-DDT

R.T.: 7.067 min
Delta R.T.: -0.002 min
Response: 200936191
Conc: 70.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ211MSD

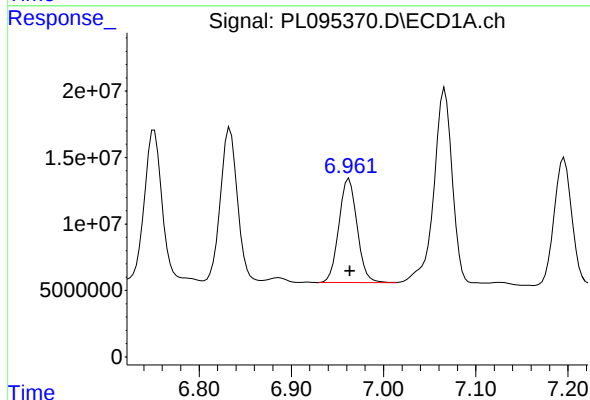
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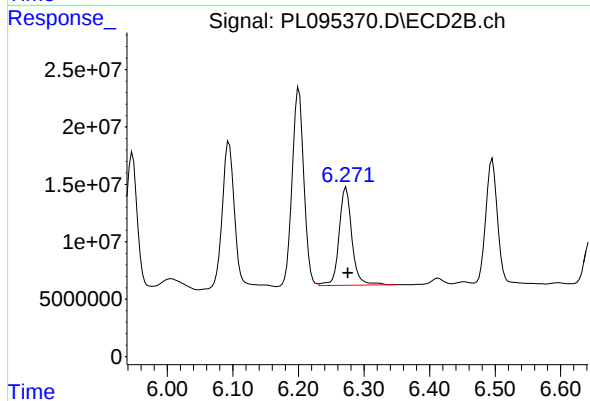
#17 4,4'-DDT

R.T.: 6.201 min
Delta R.T.: -0.003 min
Response: 213191203
Conc: 62.04 ng/ml



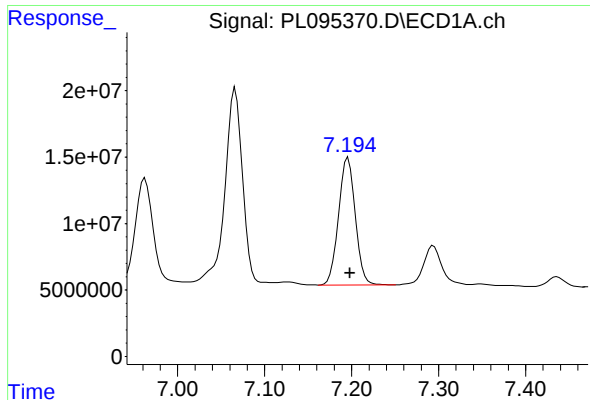
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: -0.001 min
Response: 107469230
Conc: 46.31 ng/ml



#18 Endrin aldehyde

R.T.: 6.273 min
Delta R.T.: -0.003 min
Response: 116383085
Conc: 44.54 ng/ml



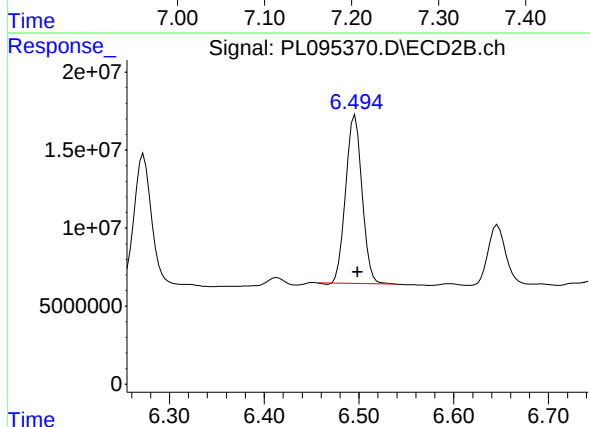
#19 Endosulfan Sulfate

R.T.: 7.196 min
Delta R.T.: -0.002 min
Response: 128468407
Conc: 45.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ211MSD

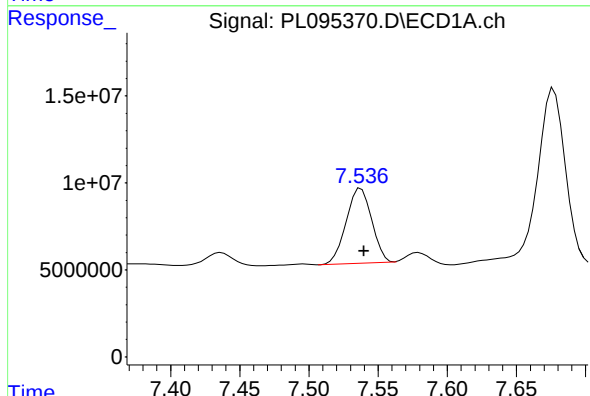
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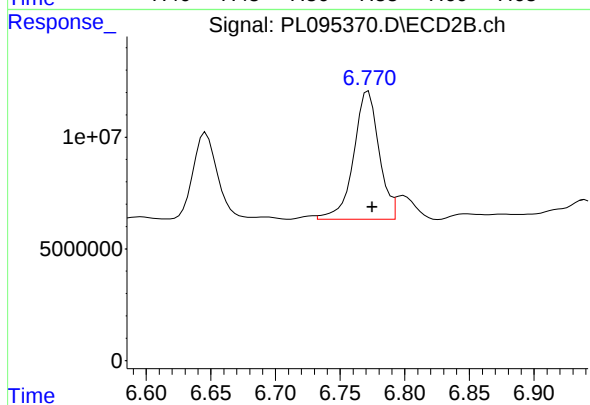
#19 Endosulfan Sulfate

R.T.: 6.496 min
Delta R.T.: -0.003 min
Response: 129185083
Conc: 38.94 ng/ml



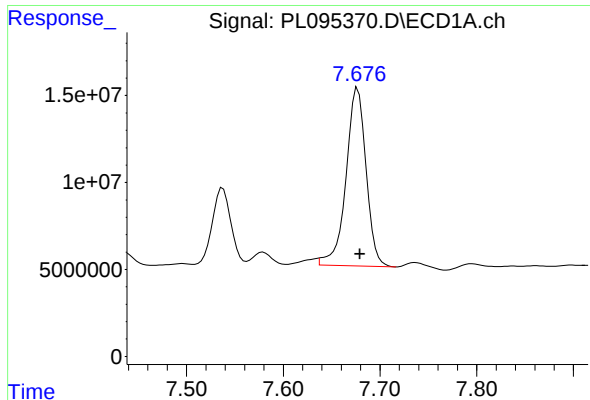
#20 Methoxychlor

R.T.: 7.538 min
Delta R.T.: -0.002 min
Response: 55035822
Conc: 39.45 ng/ml



#20 Methoxychlor

R.T.: 6.770 min
Delta R.T.: -0.004 min
Response: 80116956
Conc: 42.00 ng/ml m



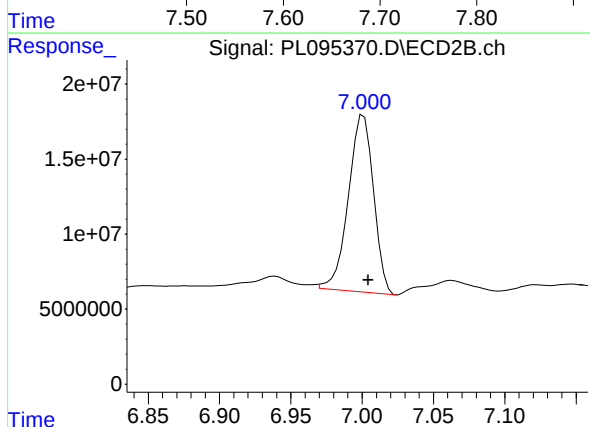
#21 Endrin ketone

R.T.: 7.676 min
Delta R.T.: -0.004 min
Response: 146775397
Conc: 51.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ211MSD

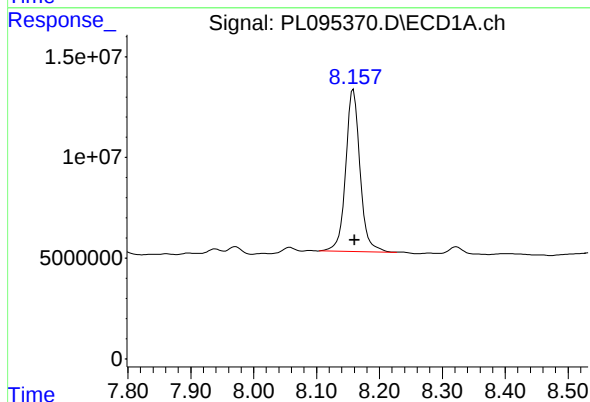
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2025
Supervised By :mohammad ahmed 04/26/2025



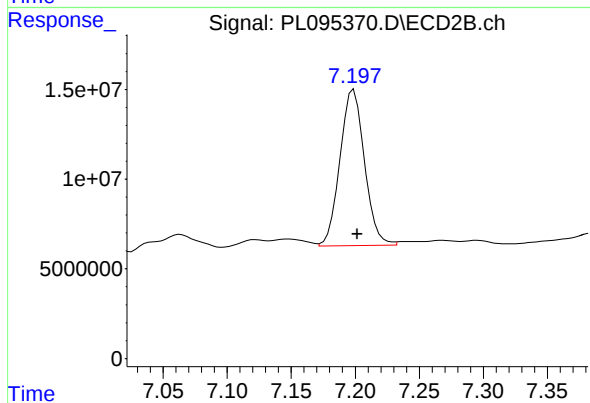
#21 Endrin ketone

R.T.: 7.000 min
Delta R.T.: -0.005 min
Response: 144309657
Conc: 40.98 ng/ml m



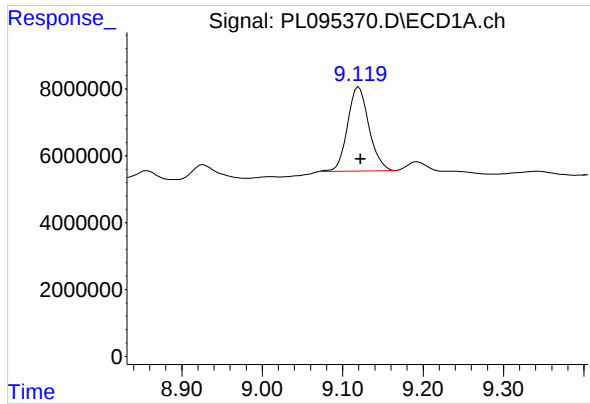
#22 Mirex

R.T.: 8.157 min
Delta R.T.: -0.003 min
Response: 127335265
Conc: 53.59 ng/ml m



#22 Mirex

R.T.: 7.199 min
Delta R.T.: -0.003 min
Response: 115947908
Conc: 40.23 ng/ml



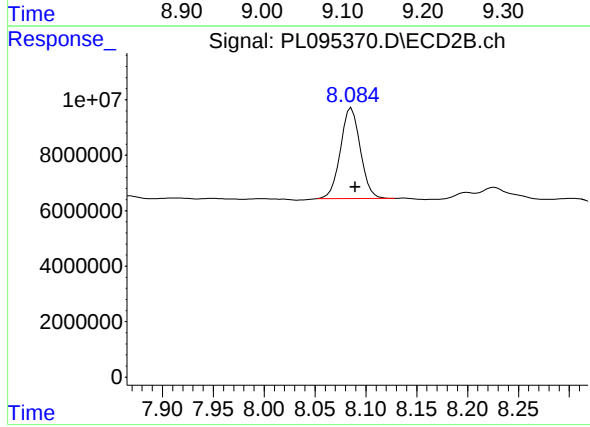
#28 Decachlorobiphenyl

R.T.: 9.120 min
Delta R.T.: -0.002 min
Response: 46476130
Conc: 16.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ211MSD

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 04/26/2025



#28 Decachlorobiphenyl

R.T.: 8.086 min
Delta R.T.: -0.004 min
Response: 44614825
Conc: 15.08 ng/ml