

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060525\
 Data File : PL095957.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jun 2025 16:50
 Operator : AR\AJ
 Sample : Q2208-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 BU-703-COMP-06MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/06/2025
 Supervised By :mohammad ahmed 06/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 06 00:51:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 22 06:29:30 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...	3.571	2.885	59774530	77140414	18.944m	19.709
28)	SA Decachlor...	9.098	8.059	37381910	72976193	15.864	16.682
Target Compounds							
2)	A alpha-BHC	4.024	3.394	253.3E6	328.0E6	52.255	55.991
3)	MA gamma-BHC...	4.355	3.728	233.0E6	308.1E6	52.103	55.011
4)	MA Heptachlor	4.952	4.081	191.3E6	292.0E6	50.542	52.056
5)	MB Aldrin	5.295	4.365	220.1E6	291.5E6	51.460	54.929
6)	B beta-BHC	4.542	4.024	101.6E6	129.5E6	51.551	52.266
7)	B delta-BHC	4.790	4.259	226.5E6	307.7E6	51.092	54.483
8)	B Heptachlo...	5.716	4.868	195.2E6	268.7E6	51.142	54.424
9)	A Endosulfan I	6.098	5.240	182.5E6	260.8E6	49.807	54.735
10)	B gamma-Chl...	5.970	5.120	195.3E6	284.3E6	50.172	54.126
11)	B alpha-Chl...	6.051	5.184	195.2E6	281.2E6	49.449	54.049
12)	B 4,4'-DDE	6.221	5.371	183.1E6	283.1E6	49.922	52.802
13)	MA Dieldrin	6.372	5.504	194.7E6	280.9E6	50.445	52.990
14)	MA Endrin	6.599	5.778	145.2E6	236.9E6	45.012	48.585m
15)	B Endosulfa...	6.813	6.068	156.5E6	249.8E6	45.423	52.574m
16)	A 4,4'-DDD	6.732	5.922	152.2E6	242.1E6	51.926	55.201
17)	MA 4,4'-DDT	7.047	6.176	116.4E6	216.0E6	43.034	45.170
18)	B Endrin al...	6.941	6.248	118.8E6	185.5E6	49.139	53.711
19)	B Endosulfa...	7.175	6.471	141.9E6	221.2E6	47.520	49.211
20)	A Methoxychlor	7.520	6.746	55764014	110.9E6	43.725	42.406
21)	B Endrin ke...	7.656	6.976	154.7E6	273.9E6	48.861	52.946
22)	Mirex	8.137	7.170	110.0E6	197.6E6	47.562	48.667

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060525\
Data File : PL095957.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Jun 2025 16:50
Operator : AR\AJ
Sample : Q2208-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

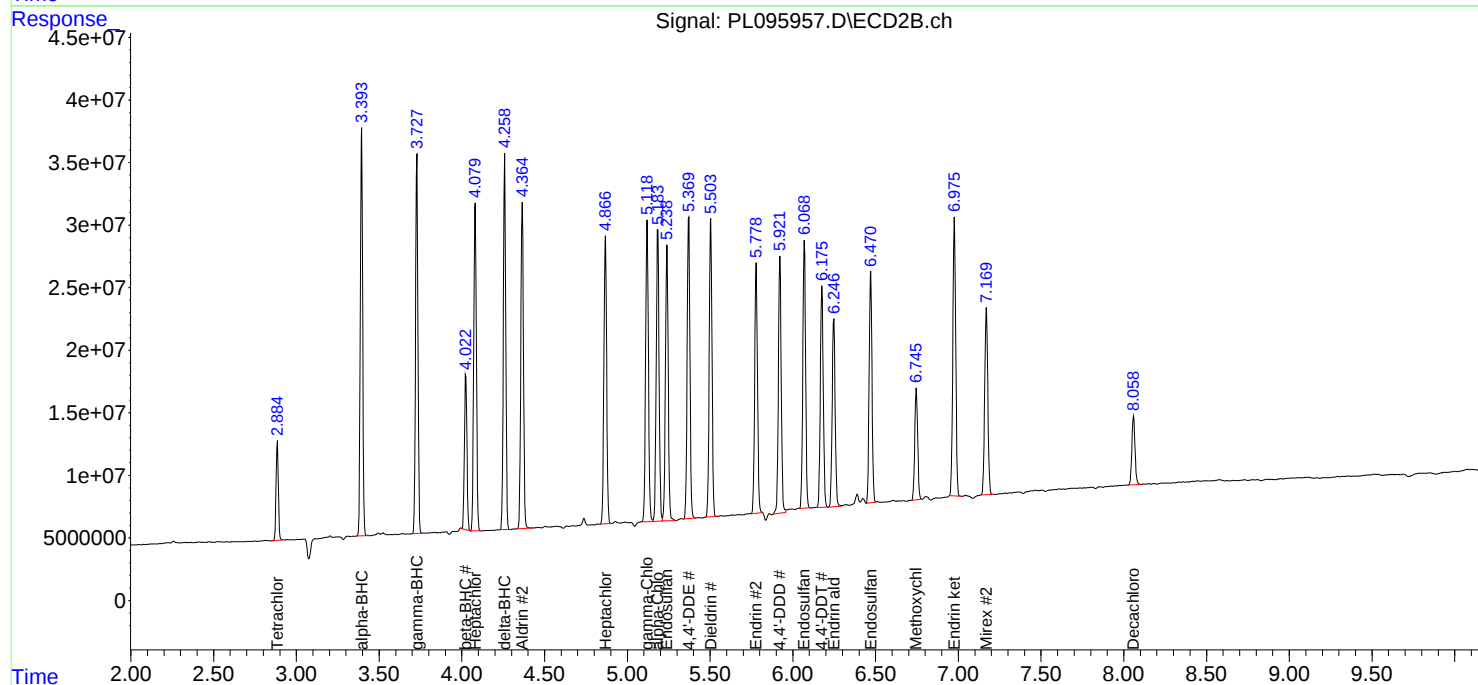
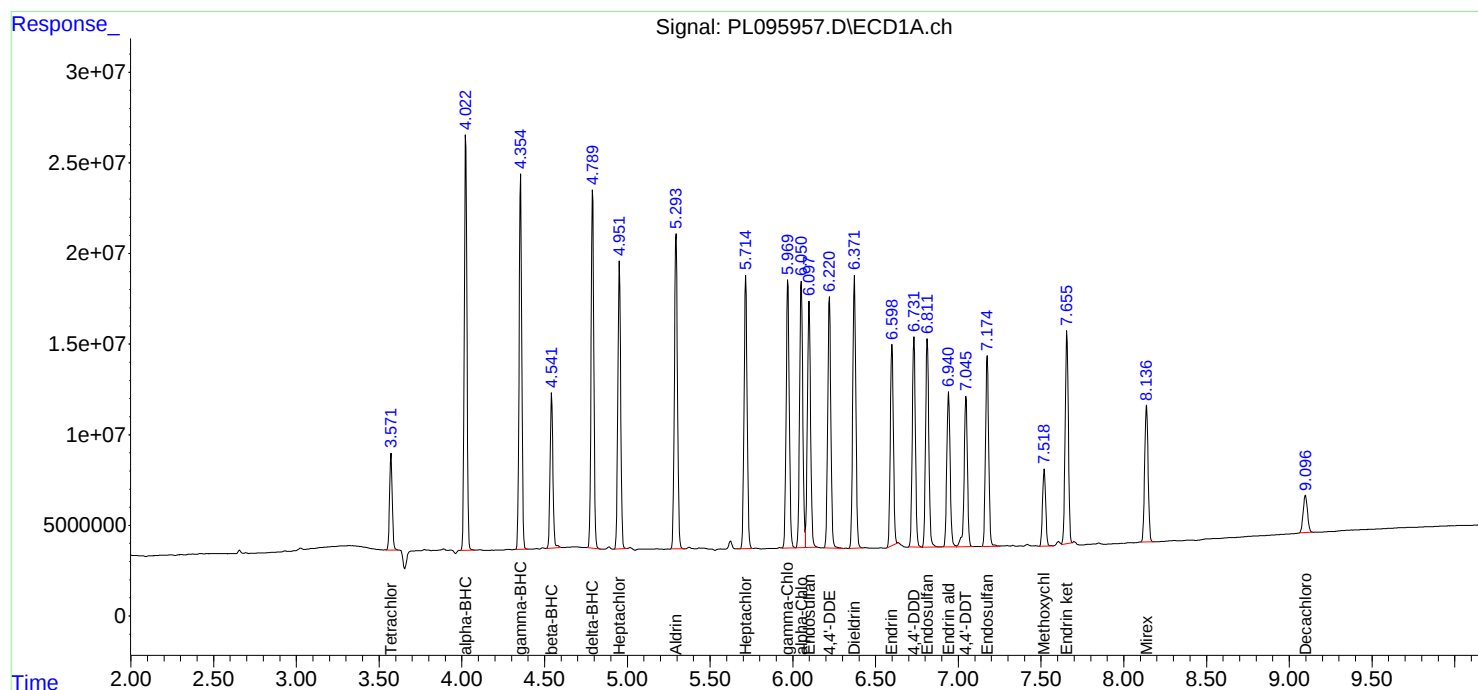
Instrument :
ECD_L
ClientSampleId :
BU-703-COMP-06MSD

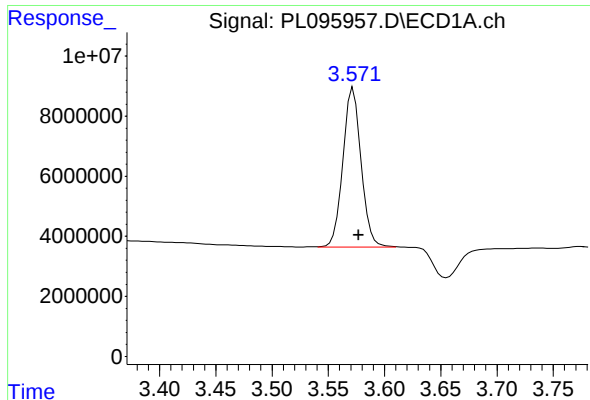
Manual Integrations
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Supervised By : mohammad ahmed 06/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 06 00:51:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
Quant Title : GC Extractables
QLast Update : Thu May 22 06:29:30 2025
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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





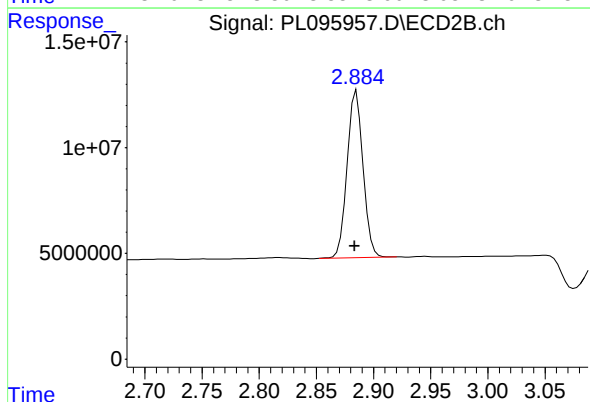
#1 Tetrachloro-m-xylene

R.T.: 3.571 min
Delta R.T.: -0.006 min
Response: 59774530
Conc: 18.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-703-COMP-06MSD

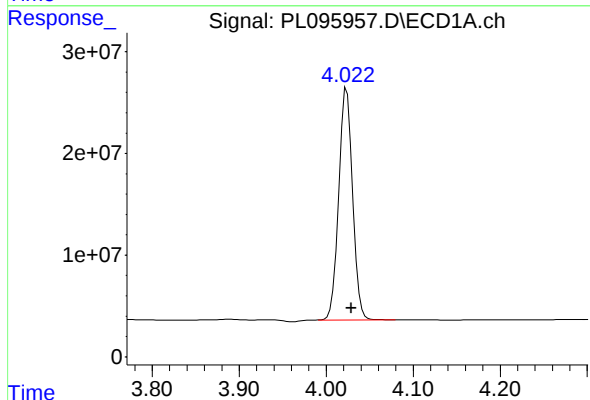
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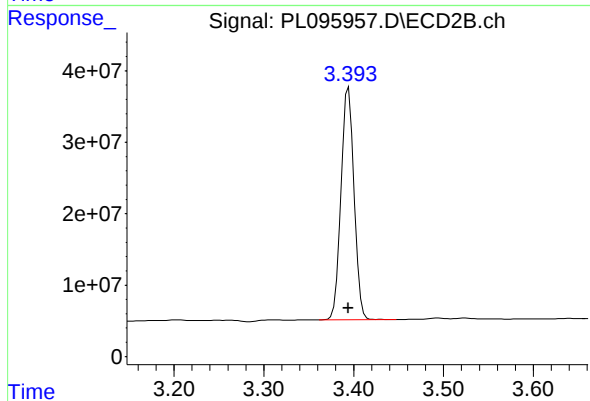
#1 Tetrachloro-m-xylene

R.T.: 2.885 min
Delta R.T.: 0.002 min
Response: 77140414
Conc: 19.71 ng/ml



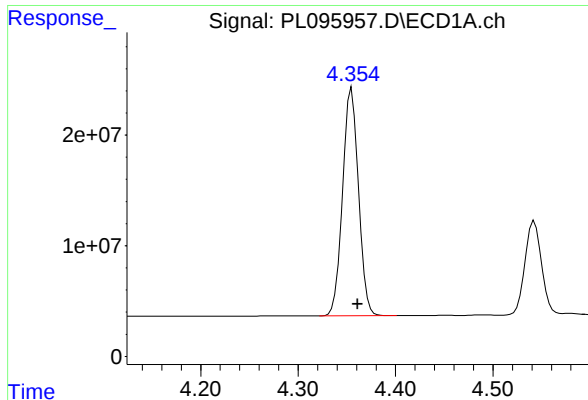
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: -0.006 min
Response: 253327505
Conc: 52.25 ng/ml



#2 alpha-BHC

R.T.: 3.394 min
Delta R.T.: 0.000 min
Response: 327959168
Conc: 55.99 ng/ml



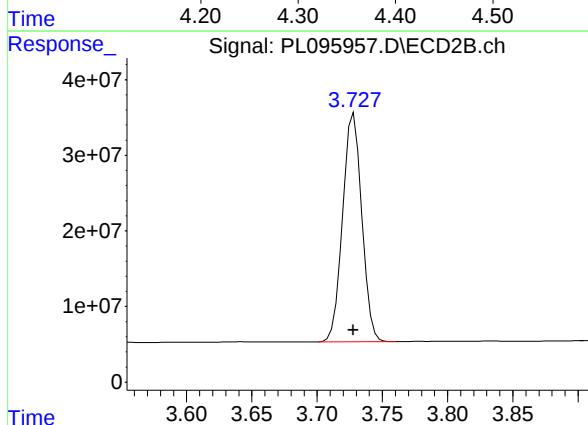
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: -0.006 min
Response: 232995530
Conc: 52.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-703-COMP-06MSD

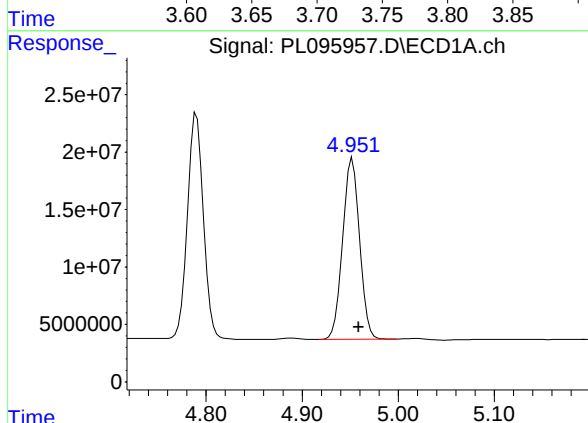
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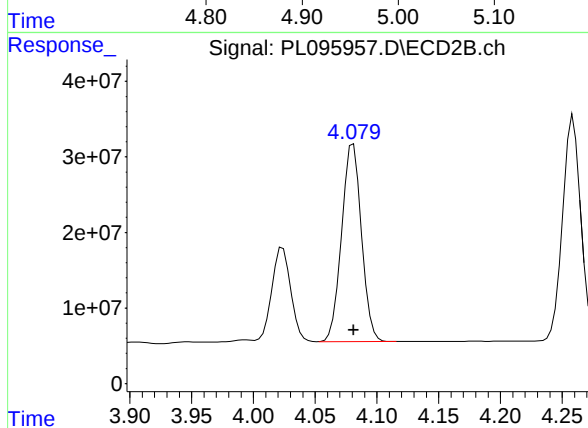
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: 0.000 min
Response: 308130293
Conc: 55.01 ng/ml



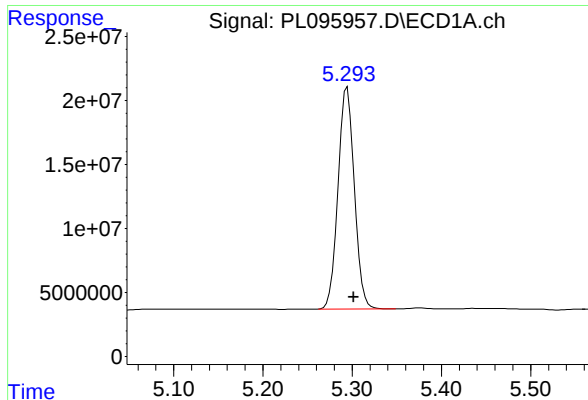
#4 Heptachlor

R.T.: 4.952 min
Delta R.T.: -0.007 min
Response: 191302142
Conc: 50.54 ng/ml



#4 Heptachlor

R.T.: 4.081 min
Delta R.T.: 0.000 min
Response: 291984276
Conc: 52.06 ng/ml



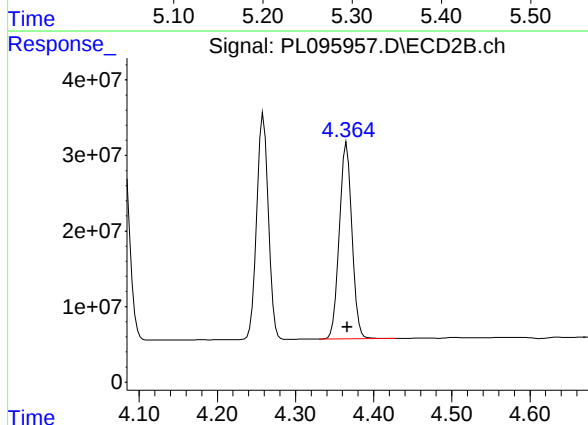
#5 Aldrin

R.T.: 5.295 min
Delta R.T.: -0.007 min
Response: 220130419
Conc: 51.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-703-COMP-06MSD

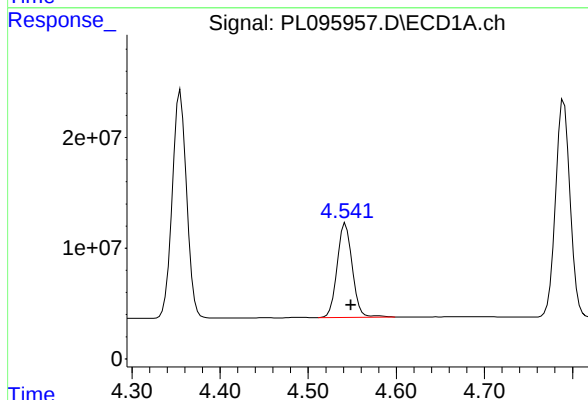
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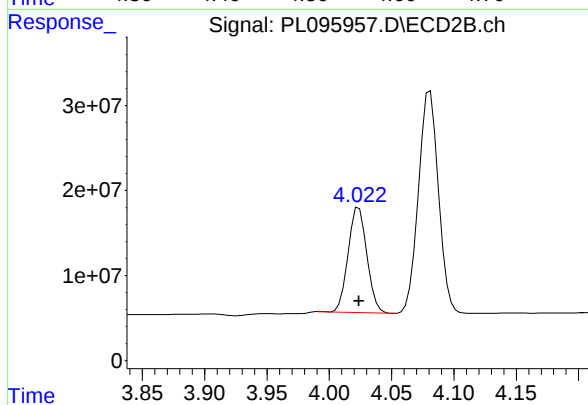
#5 Aldrin

R.T.: 4.365 min
Delta R.T.: 0.000 min
Response: 291516583
Conc: 54.93 ng/ml



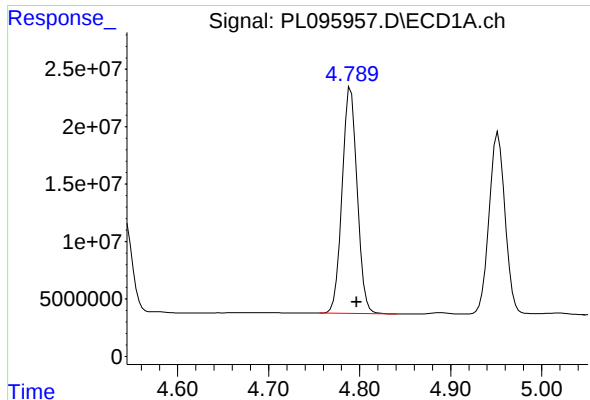
#6 beta-BHC

R.T.: 4.542 min
Delta R.T.: -0.006 min
Response: 101625298
Conc: 51.55 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 129490536
Conc: 52.27 ng/ml



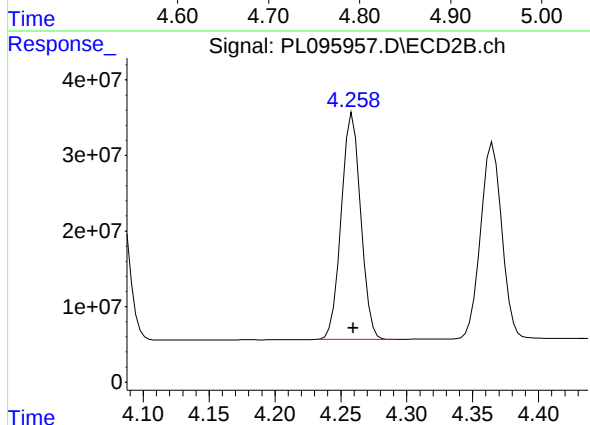
#7 delta-BHC

R.T.: 4.790 min
Delta R.T.: -0.006 min
Response: 226522835
Conc: 51.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-703-COMP-06MSD

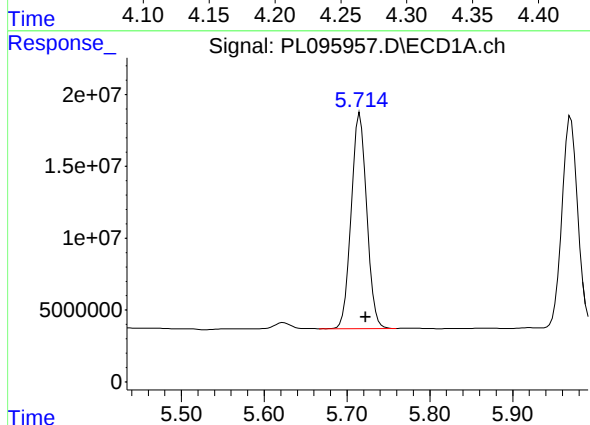
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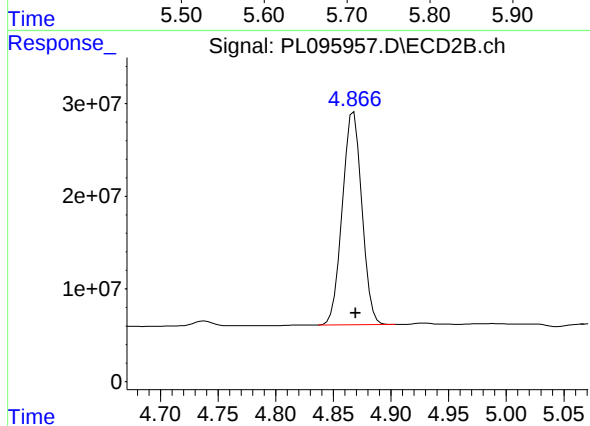
#7 delta-BHC

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 307684779
Conc: 54.48 ng/ml



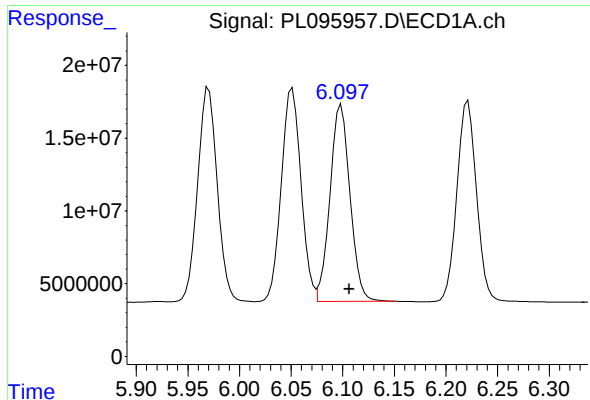
#8 Heptachlor epoxide

R.T.: 5.716 min
Delta R.T.: -0.007 min
Response: 195203940
Conc: 51.14 ng/ml



#8 Heptachlor epoxide

R.T.: 4.868 min
Delta R.T.: -0.002 min
Response: 268713161
Conc: 54.42 ng/ml



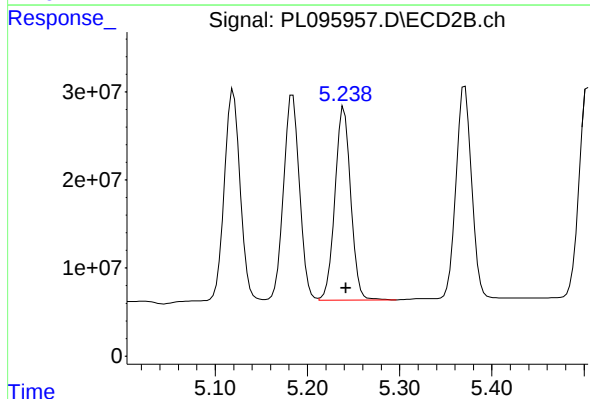
#9 Endosulfan I

R.T.: 6.098 min
Delta R.T.: -0.008 min
Response: 182536047
Conc: 49.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-703-COMP-06MSD

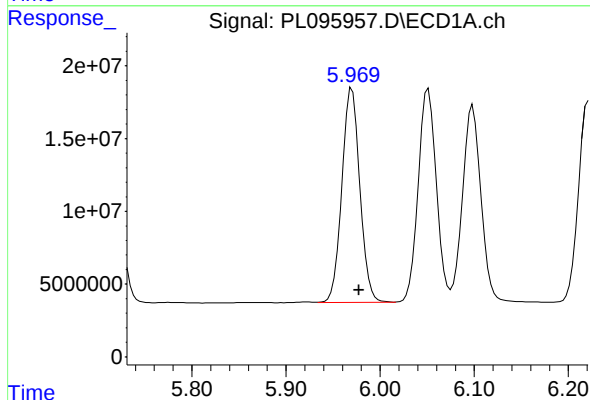
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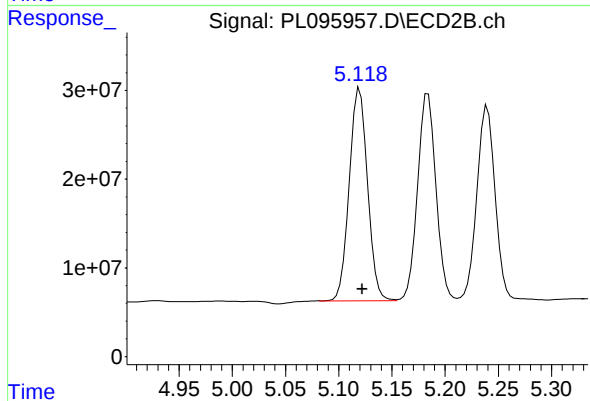
#9 Endosulfan I

R.T.: 5.240 min
Delta R.T.: -0.002 min
Response: 260809411
Conc: 54.73 ng/ml



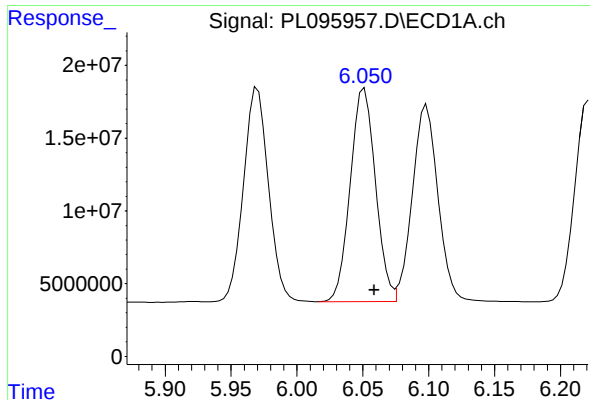
#10 gamma-Chlordane

R.T.: 5.970 min
Delta R.T.: -0.007 min
Response: 195273293
Conc: 50.17 ng/ml



#10 gamma-Chlordane

R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 284308082
Conc: 54.13 ng/ml



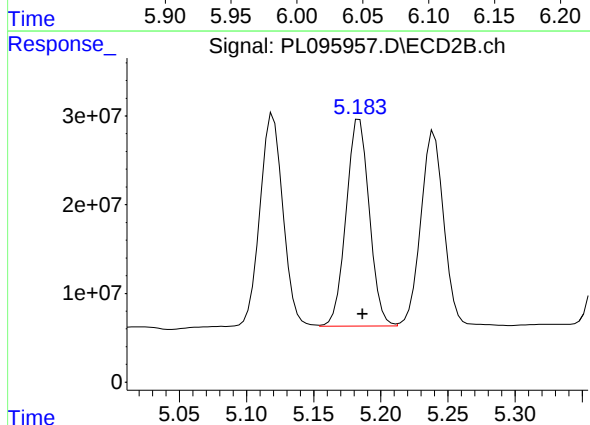
#11 alpha-Chlordane

R.T.: 6.051 min
Delta R.T.: -0.007 min
Response: 195234187
Conc: 49.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-703-COMP-06MSD

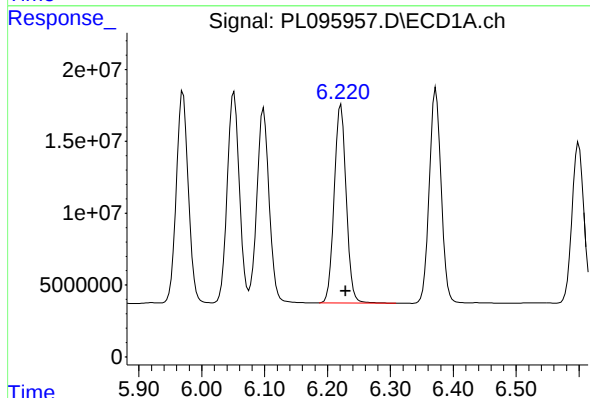
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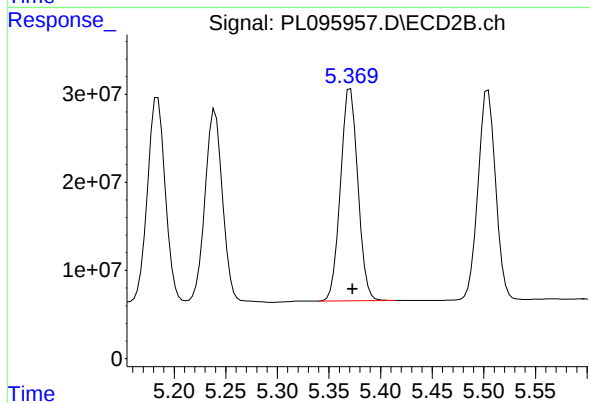
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 281205833
Conc: 54.05 ng/ml



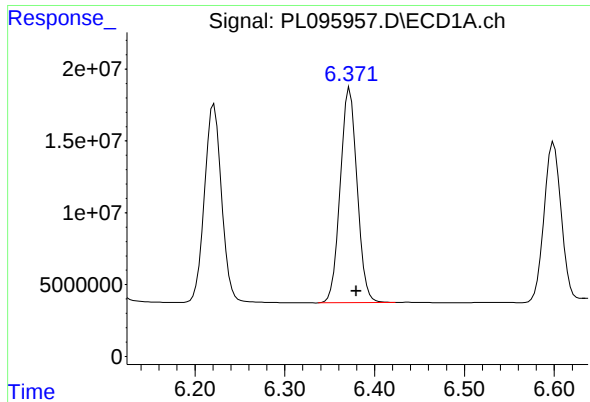
#12 4,4'-DDE

R.T.: 6.221 min
Delta R.T.: -0.008 min
Response: 183109517
Conc: 49.92 ng/ml



#12 4,4'-DDE

R.T.: 5.371 min
Delta R.T.: -0.002 min
Response: 283134248
Conc: 52.80 ng/ml



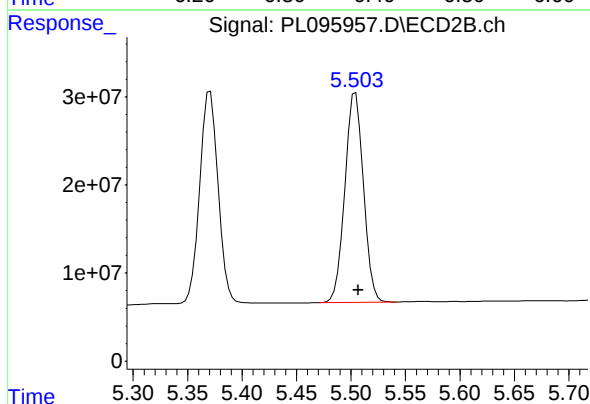
#13 Dieldrin

R.T.: 6.372 min
Delta R.T.: -0.007 min
Response: 194676146
Conc: 50.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-703-COMP-06MSD

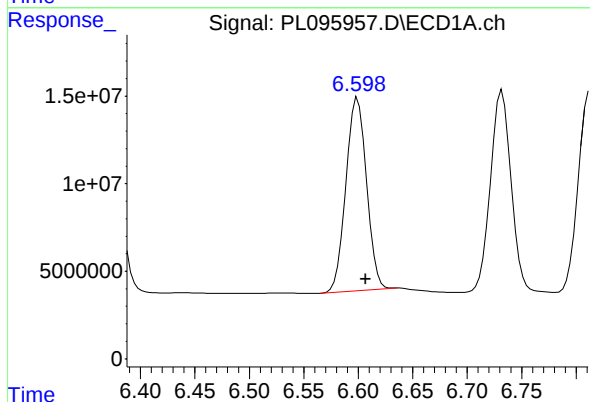
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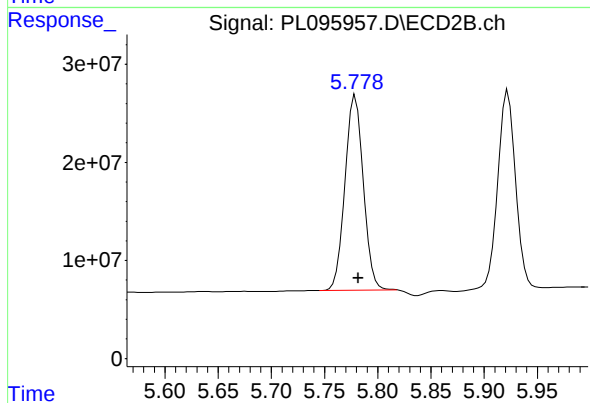
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.003 min
Response: 280852262
Conc: 52.99 ng/ml



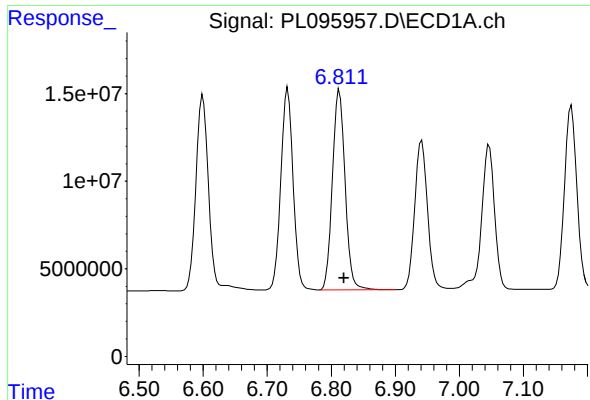
#14 Endrin

R.T.: 6.599 min
Delta R.T.: -0.008 min
Response: 145243903
Conc: 45.01 ng/ml



#14 Endrin

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 236903638
Conc: 48.58 ng/ml m



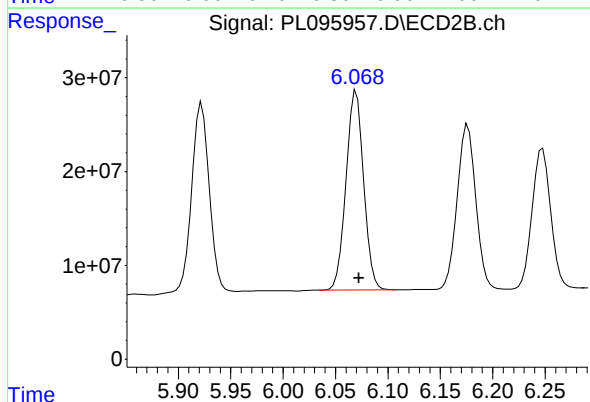
#15 Endosulfan II

R.T.: 6.813 min
Delta R.T.: -0.007 min
Response: 156530655
Conc: 45.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-703-COMP-06MSD

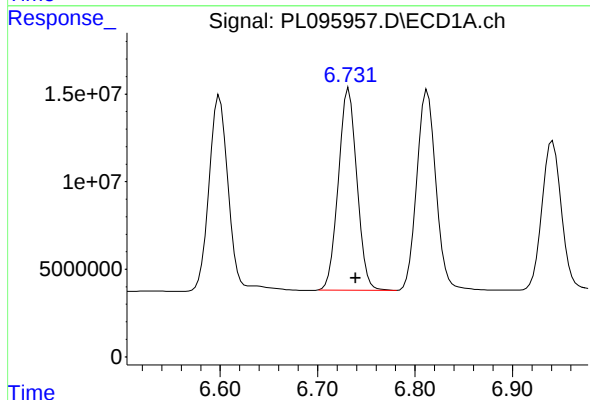
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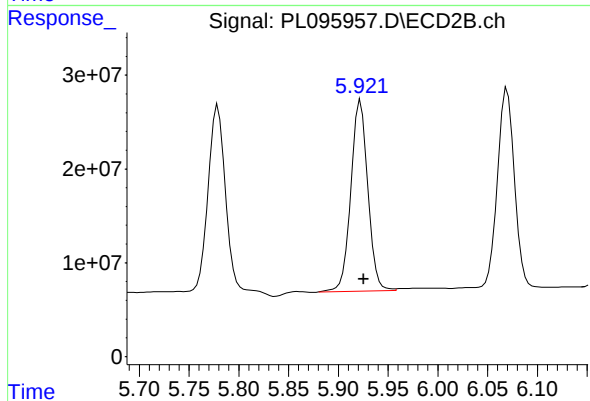
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: -0.004 min
Response: 249818303
Conc: 52.57 ng/ml



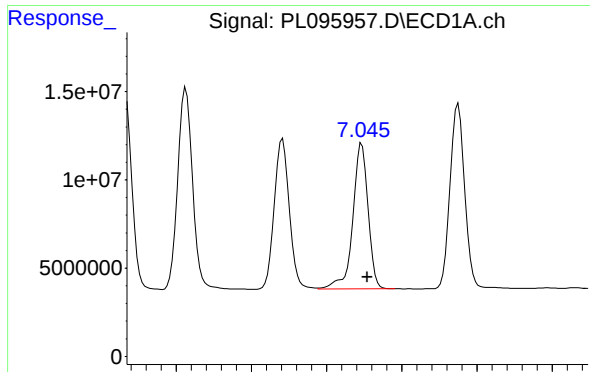
#16 4,4'-DDD

R.T.: 6.732 min
Delta R.T.: -0.007 min
Response: 152174606
Conc: 51.93 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: -0.003 min
Response: 242052186
Conc: 55.20 ng/ml



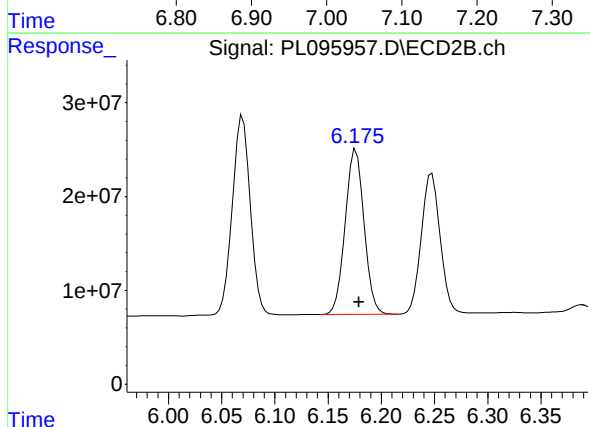
#17 4,4'-DDT

R.T.: 7.047 min
Delta R.T.: -0.007 min
Response: 116412742
Conc: 43.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-703-COMP-06MSD

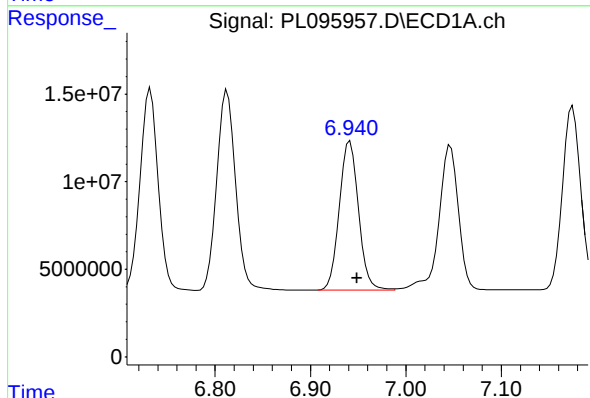
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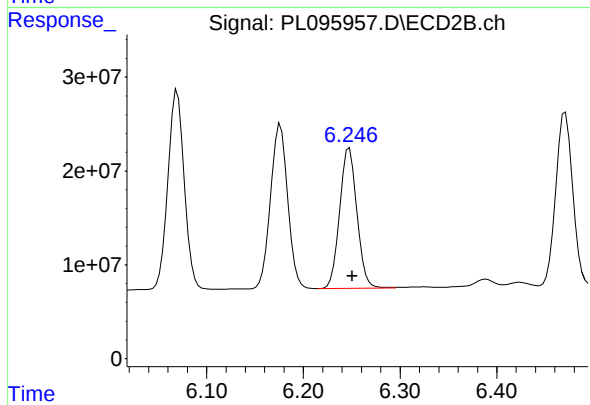
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.003 min
Response: 216031500
Conc: 45.17 ng/ml



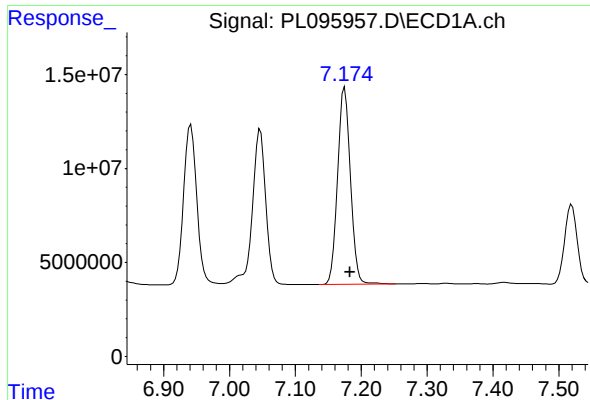
#18 Endrin aldehyde

R.T.: 6.941 min
Delta R.T.: -0.007 min
Response: 118799862
Conc: 49.14 ng/ml



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.003 min
Response: 185534522
Conc: 53.71 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.175 min
Delta R.T.: -0.008 min
Response: 141937704
Conc: 47.52 ng/ml

Instrument :

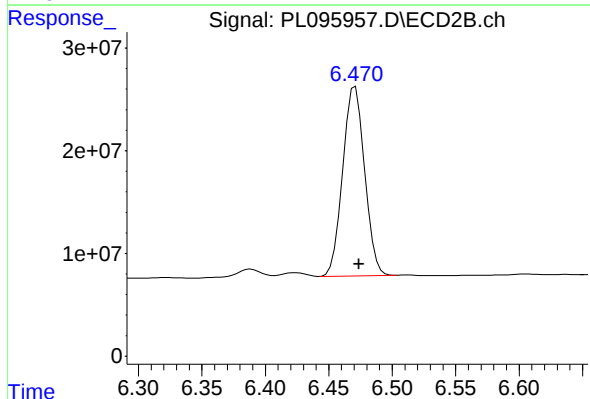
ECD_L

ClientSampleId :

BU-703-COMP-06MSD

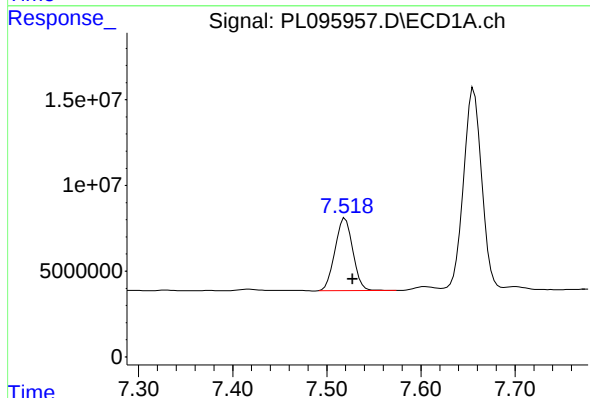
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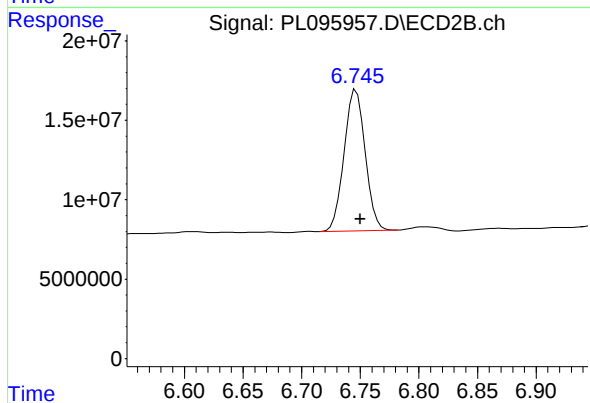
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 221190261
Conc: 49.21 ng/ml



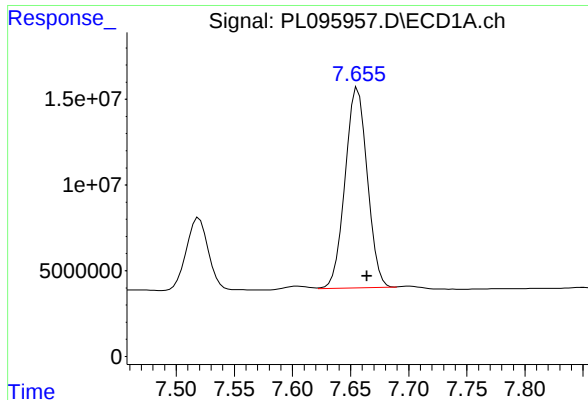
#20 Methoxychlor

R.T.: 7.520 min
Delta R.T.: -0.008 min
Response: 55764014
Conc: 43.73 ng/ml



#20 Methoxychlor

R.T.: 6.746 min
Delta R.T.: -0.004 min
Response: 110939005
Conc: 42.41 ng/ml



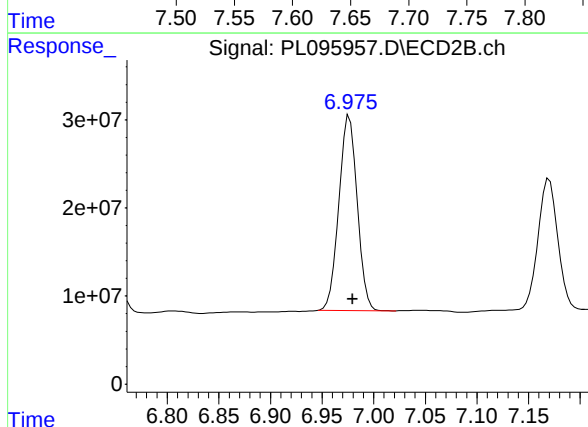
#21 Endrin ketone

R.T.: 7.656 min
Delta R.T.: -0.008 min
Response: 154739796
Conc: 48.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-703-COMP-06MSD

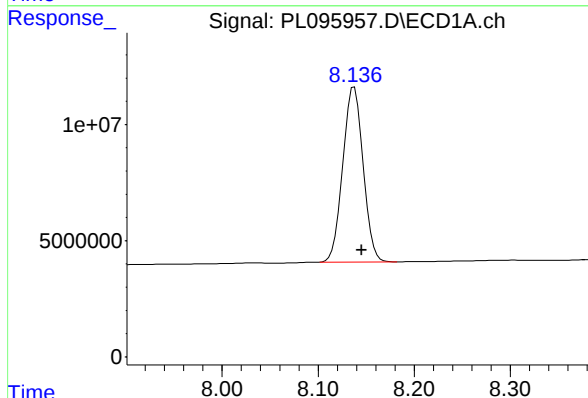
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/06/2025
Supervised By :mohammad ahmed 06/09/2025



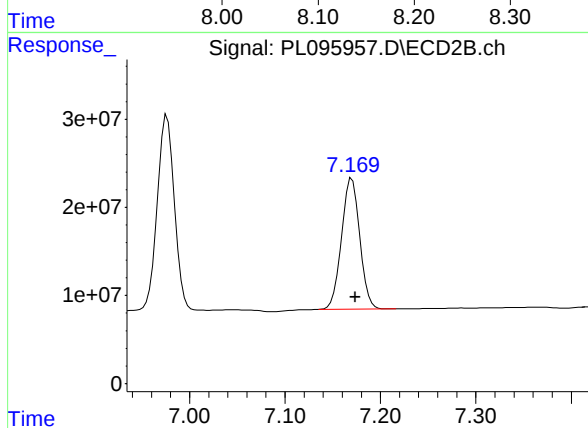
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: -0.003 min
Response: 273936180
Conc: 52.95 ng/ml



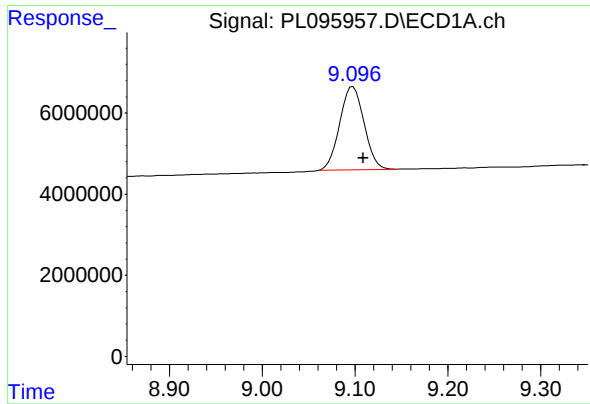
#22 Mirex

R.T.: 8.137 min
Delta R.T.: -0.008 min
Response: 110048088
Conc: 47.56 ng/ml



#22 Mirex

R.T.: 7.170 min
Delta R.T.: -0.003 min
Response: 197610661
Conc: 48.67 ng/ml



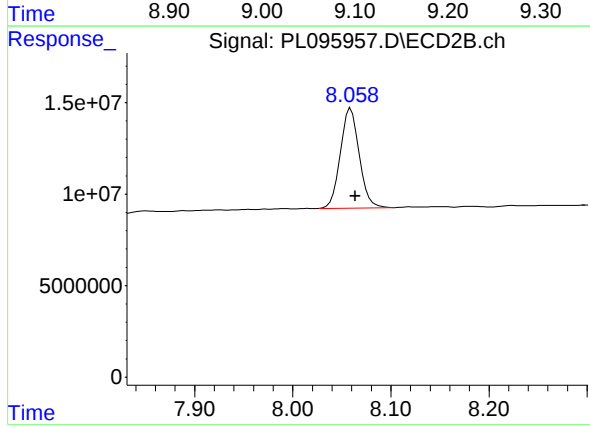
#28 Decachlorobiphenyl

R.T.: 9.098 min
Delta R.T.: -0.011 min
Response: 37381910
Conc: 15.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-703-COMP-06MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/06/2025
Supervised By :mohammad ahmed 06/09/2025



#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.005 min
Response: 72976193
Conc: 16.68 ng/ml