

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042325\
 Data File : PL095349.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2025 17:05
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/24/2025
 Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 24 01:26:35 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...	3.594	2.905	163.9E6	157.3E6	50.212	49.468
2)	SA Decachlor...	9.121	8.087	140.4E6	145.5E6	50.671	49.161
Target Compounds							
2)	A alpha-BHC	4.046	3.415	251.2E6	224.2E6	50.716	50.406
3)	MA gamma-BHC...	4.376	3.748	239.9E6	219.6E6	50.673m	49.934
4)	MA Heptachlor	4.975	4.103	231.6E6	214.0E6	50.632	49.112
5)	MB Aldrin	5.317	4.389	232.1E6	203.9E6	50.527	49.542
6)	B beta-BHC	4.563	4.042	104.1E6	101.3E6	50.340	48.790
7)	B delta-BHC	4.810	4.279	234.7E6	219.7E6	50.468m	50.139
8)	B Heptachlo...	5.738	4.891	203.6E6	189.0E6	50.837	48.918
9)	A Endosulfan I	6.122	5.265	192.4E6	179.9E6	50.657	49.150
10)	B gamma-Chl...	5.992	5.143	207.7E6	195.6E6	50.907	48.271m
11)	B alpha-Chl...	6.073	5.209	208.3E6	193.8E6	51.234	48.689
12)	B 4,4'-DDE	6.242	5.395	200.2E6	197.6E6	51.072	48.591
13)	MA Dieldrin	6.394	5.530	198.7E6	197.4E6	51.556	48.548
14)	MA Endrin	6.623	5.805	152.9E6	171.9E6	48.012	47.229
15)	B Endosulfa...	6.834	6.095	166.9E6	175.1E6	52.293	48.746
16)	A 4,4'-DDD	6.751	5.948	149.9E6	161.2E6	52.959	49.349
17)	MA 4,4'-DDT	7.067	6.202	146.8E6	164.1E6	51.533	47.765
18)	B Endrin al...	6.963	6.273	120.0E6	127.0E6	51.698	48.581
19)	B Endosulfa...	7.197	6.496	143.2E6	162.4E6	51.121	48.938
20)	A Methoxychlor	7.538	6.773	70299184	90864556	50.389	47.637
21)	B Endrin ke...	7.678	7.001	148.9E6	183.3E6	52.244	52.053m
22)	Mirex	8.160	7.198	121.7E6	143.9E6	51.203	49.928m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042325\
Data File : PL095349.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2025 17:05
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

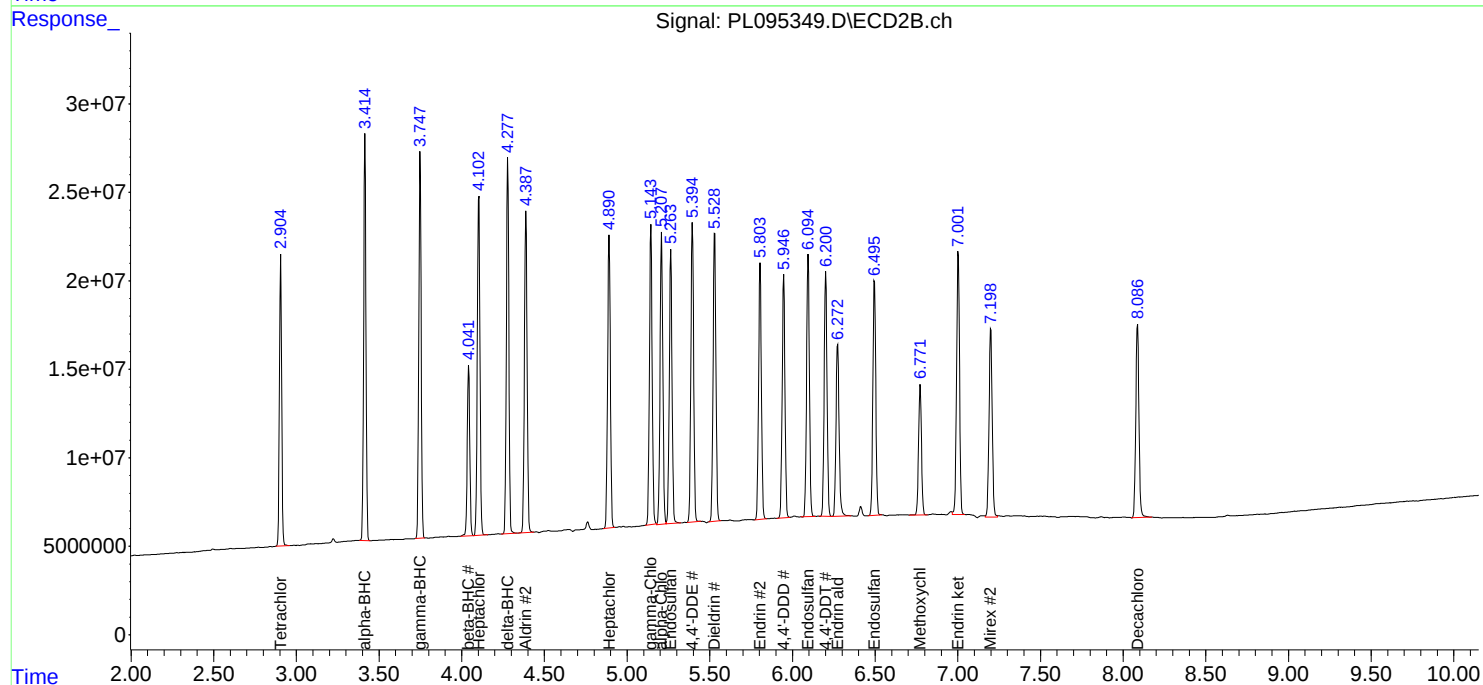
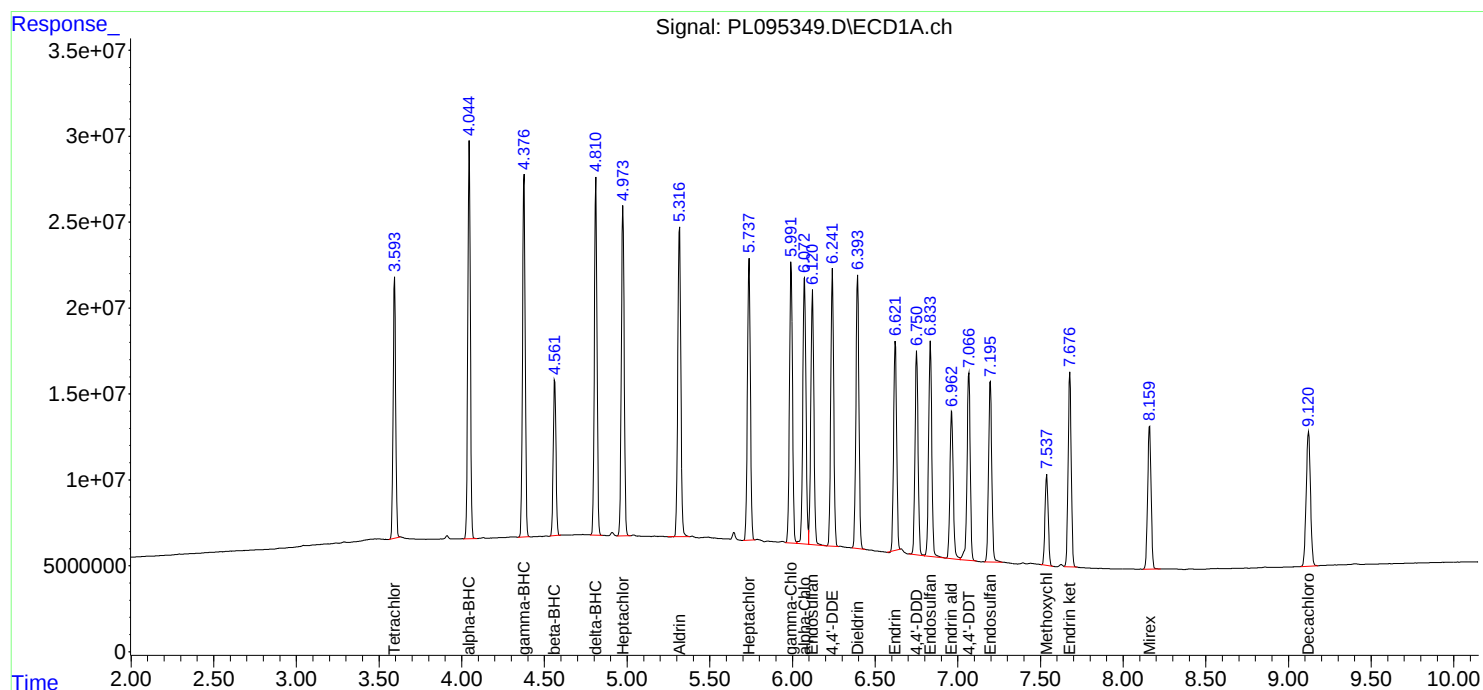
APPROVED

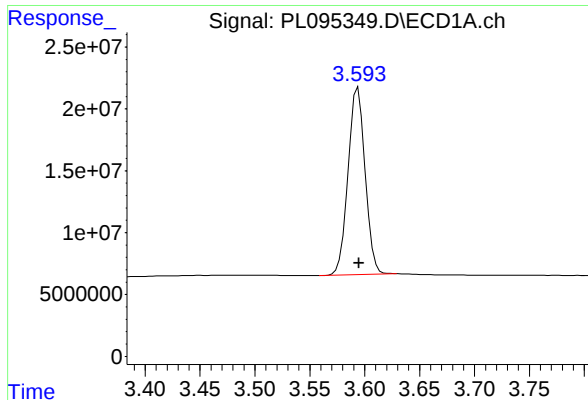
Reviewed By :Abdul Mirza 04/24/2025

Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 24 01:26:35 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
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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





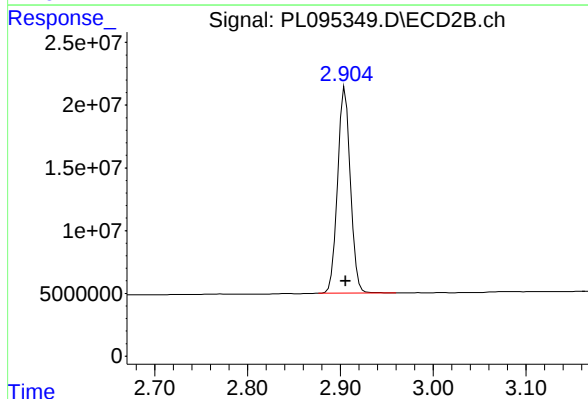
#1 Tetrachloro-m-xylene

R.T.: 3.594 min
Delta R.T.: -0.001 min
Response: 163926406
Conc: 50.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

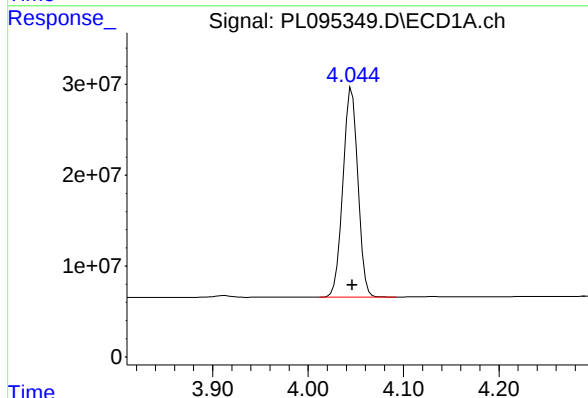
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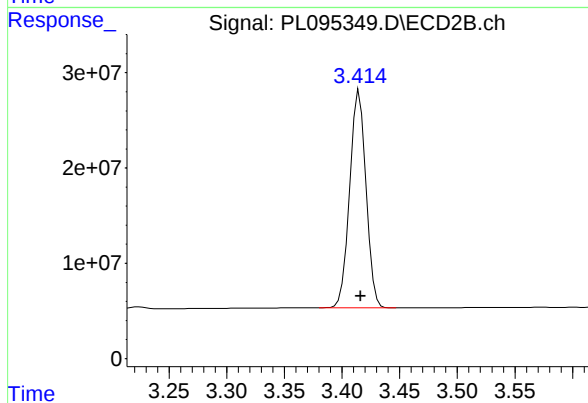
#1 Tetrachloro-m-xylene

R.T.: 2.905 min
Delta R.T.: 0.000 min
Response: 157296526
Conc: 49.47 ng/ml



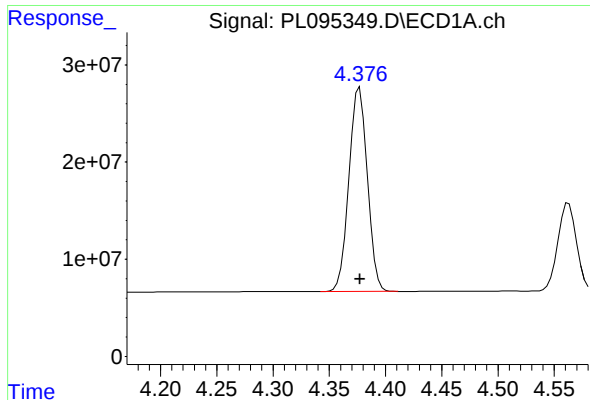
#2 alpha-BHC

R.T.: 4.046 min
Delta R.T.: 0.000 min
Response: 251233721
Conc: 50.72 ng/ml



#2 alpha-BHC

R.T.: 3.415 min
Delta R.T.: -0.001 min
Response: 224240768
Conc: 50.41 ng/ml



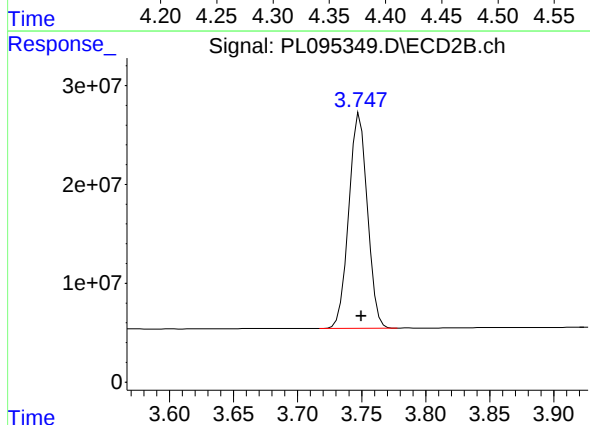
#3 gamma-BHC (Lindane)

R.T.: 4.376 min
Delta R.T.: -0.002 min
Response: 239886658
Conc: 50.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

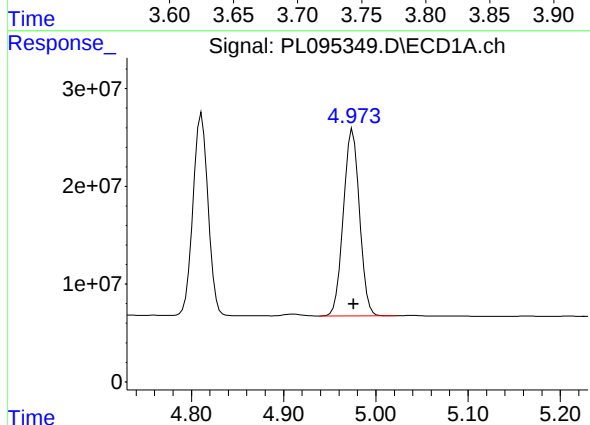
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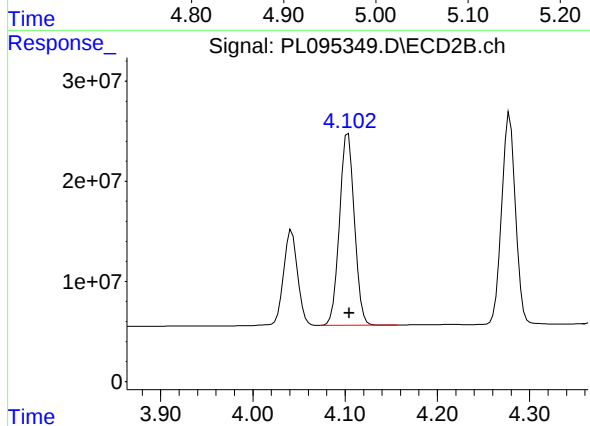
#3 gamma-BHC (Lindane)

R.T.: 3.748 min
Delta R.T.: -0.001 min
Response: 219619886
Conc: 49.93 ng/ml



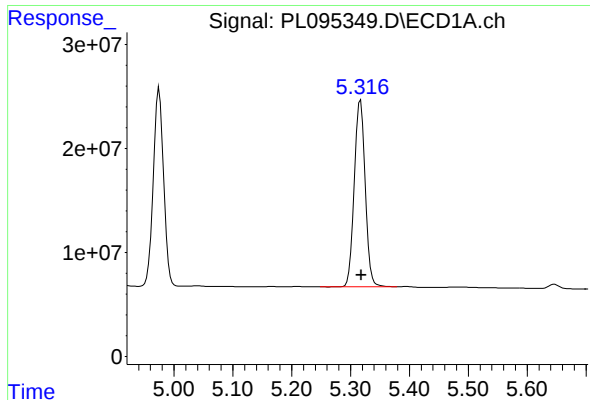
#4 Heptachlor

R.T.: 4.975 min
Delta R.T.: -0.001 min
Response: 231613290
Conc: 50.63 ng/ml



#4 Heptachlor

R.T.: 4.103 min
Delta R.T.: -0.001 min
Response: 213966203
Conc: 49.11 ng/ml



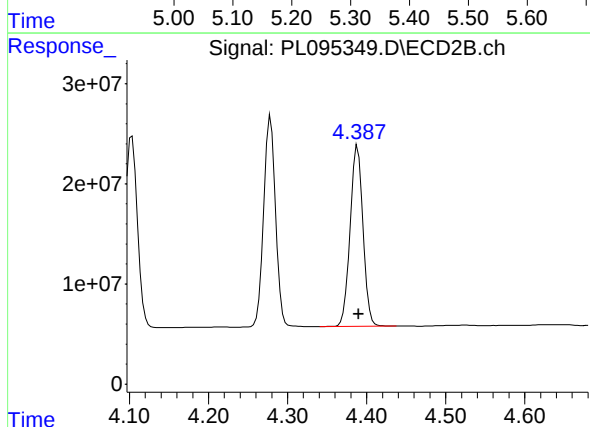
#5 Aldrin

R.T.: 5.317 min
Delta R.T.: -0.001 min
Response: 232069458
Conc: 50.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

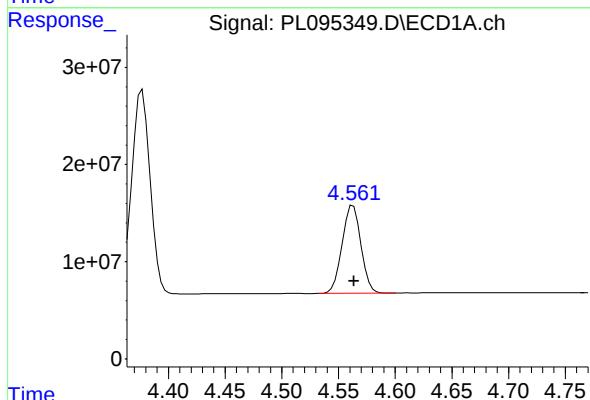
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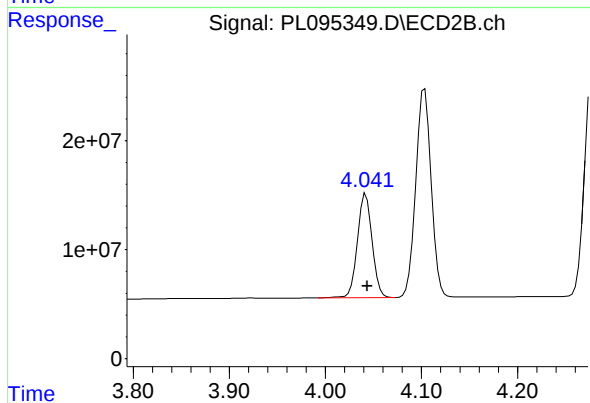
#5 Aldrin

R.T.: 4.389 min
Delta R.T.: -0.001 min
Response: 203900117
Conc: 49.54 ng/ml



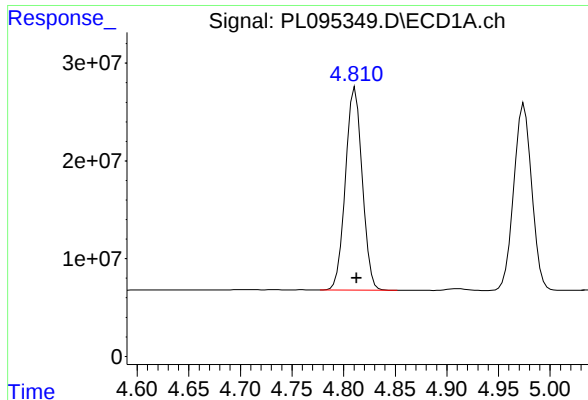
#6 beta-BHC

R.T.: 4.563 min
Delta R.T.: 0.000 min
Response: 104079712
Conc: 50.34 ng/ml



#6 beta-BHC

R.T.: 4.042 min
Delta R.T.: -0.002 min
Response: 101282545
Conc: 48.79 ng/ml



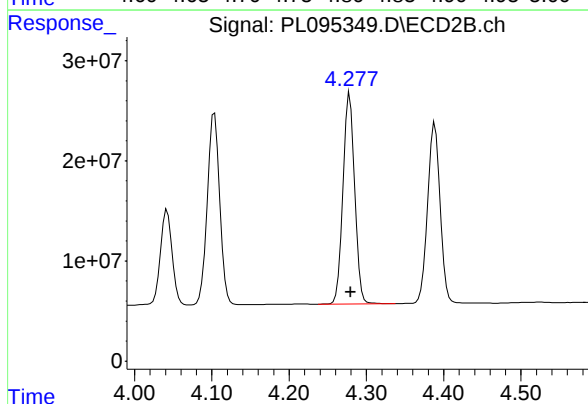
#7 delta-BHC

R.T.: 4.810 min
Delta R.T.: -0.003 min
Response: 234708944
Conc: 50.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

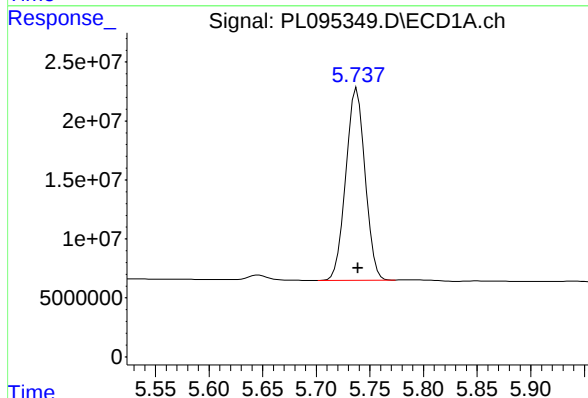
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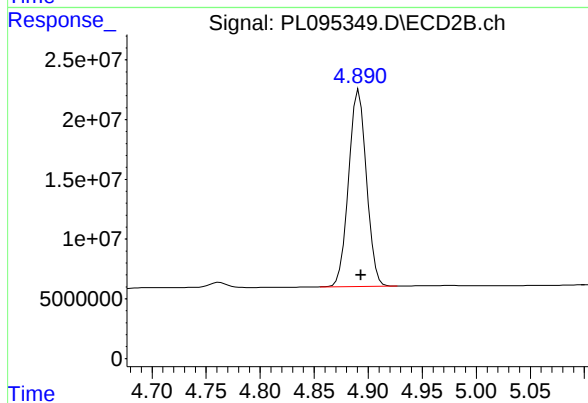
#7 delta-BHC

R.T.: 4.279 min
Delta R.T.: -0.001 min
Response: 219707089
Conc: 50.14 ng/ml



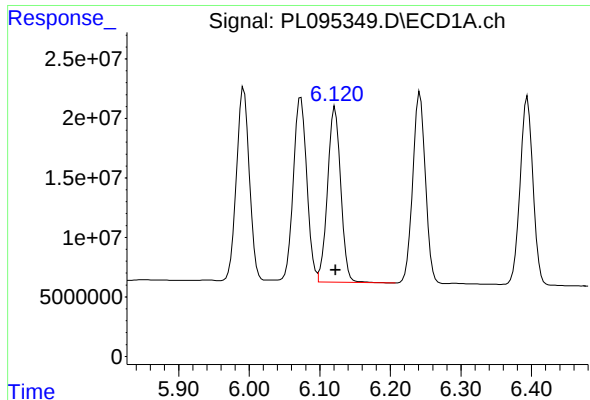
#8 Heptachlor epoxide

R.T.: 5.738 min
Delta R.T.: -0.001 min
Response: 203609781
Conc: 50.84 ng/ml



#8 Heptachlor epoxide

R.T.: 4.891 min
Delta R.T.: -0.002 min
Response: 188954347
Conc: 48.92 ng/ml



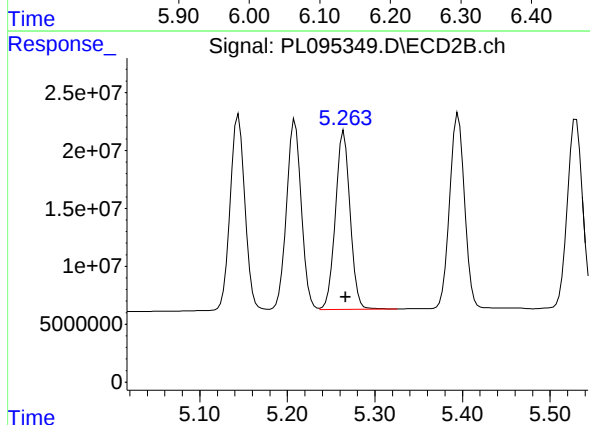
#9 Endosulfan I

R.T.: 6.122 min
Delta R.T.: 0.000 min
Response: 192369362
Conc: 50.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

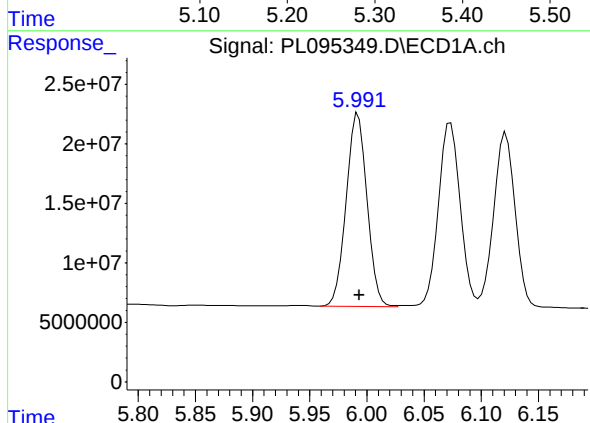
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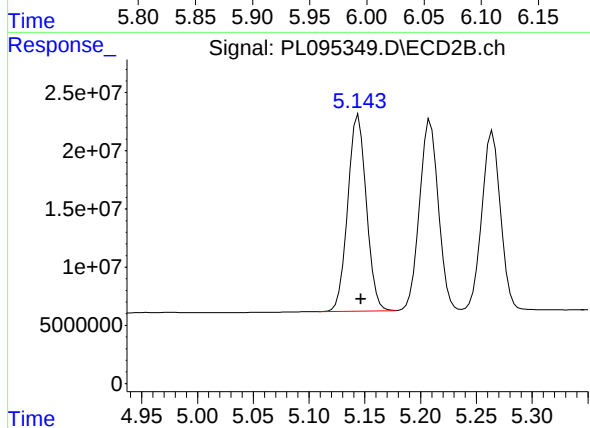
#9 Endosulfan I

R.T.: 5.265 min
Delta R.T.: -0.002 min
Response: 179910059
Conc: 49.15 ng/ml



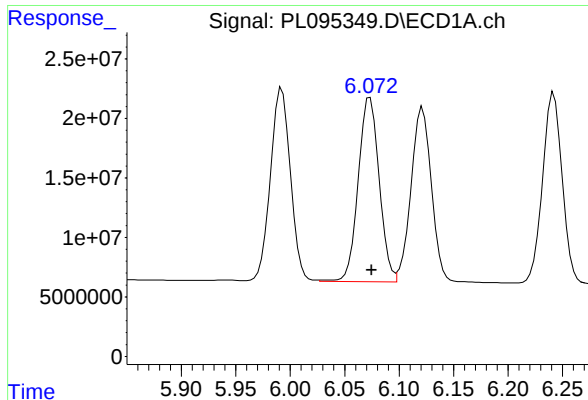
#10 gamma-Chlordane

R.T.: 5.992 min
Delta R.T.: -0.001 min
Response: 207668401
Conc: 50.91 ng/ml



#10 gamma-Chlordane

R.T.: 5.143 min
Delta R.T.: -0.004 min
Response: 195627802
Conc: 48.27 ng/ml m



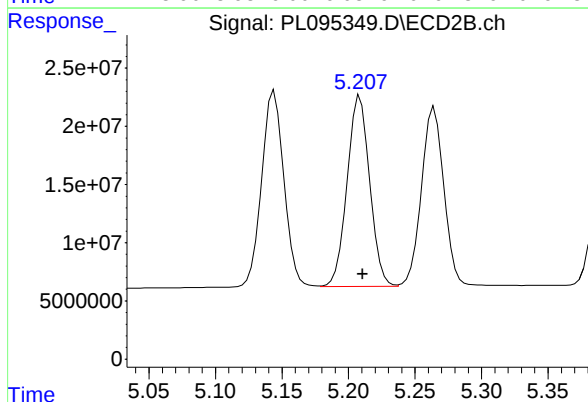
#11 alpha-Chlordane

R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 208320851
Conc: 51.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

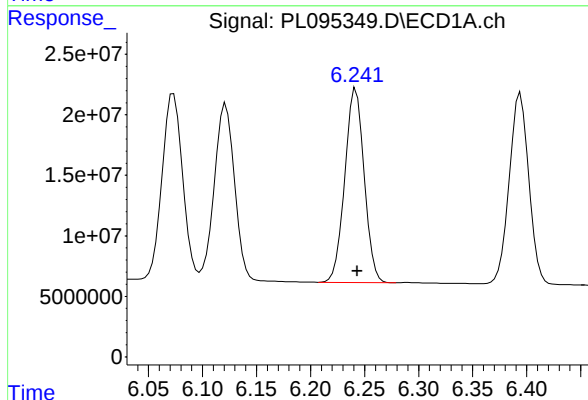
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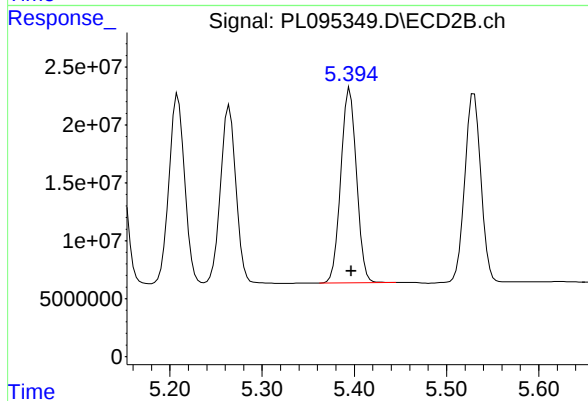
#11 alpha-Chlordane

R.T.: 5.209 min
Delta R.T.: -0.002 min
Response: 193834970
Conc: 48.69 ng/ml



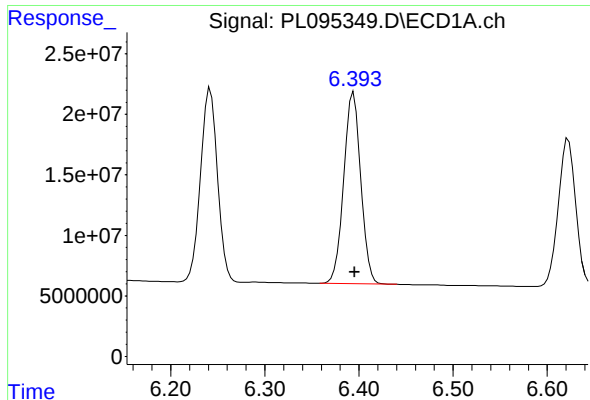
#12 4,4'-DDE

R.T.: 6.242 min
Delta R.T.: -0.001 min
Response: 200229374
Conc: 51.07 ng/ml



#12 4,4'-DDE

R.T.: 5.395 min
Delta R.T.: -0.002 min
Response: 197617575
Conc: 48.59 ng/ml



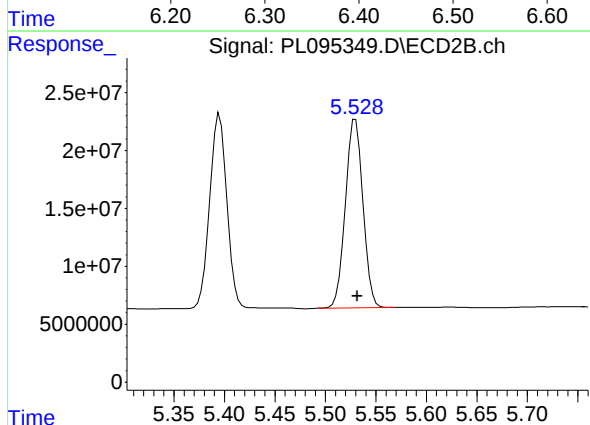
#13 Dieldrin

R.T.: 6.394 min
Delta R.T.: -0.001 min
Response: 198738274
Conc: 51.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

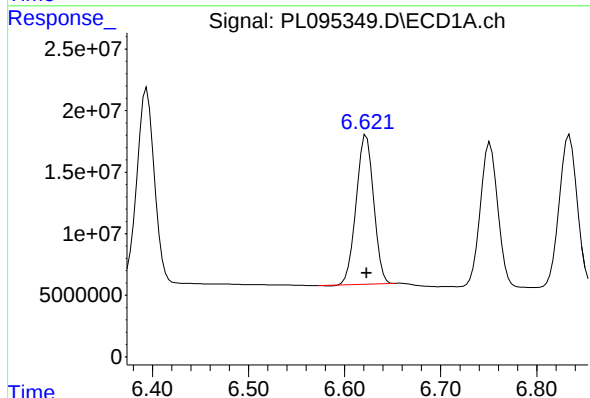
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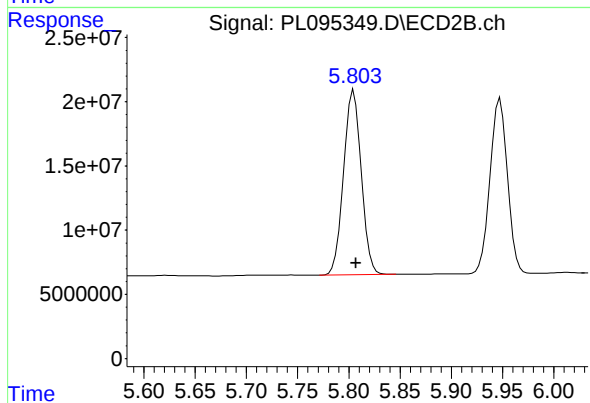
#13 Dieldrin

R.T.: 5.530 min
Delta R.T.: -0.002 min
Response: 197448612
Conc: 48.55 ng/ml



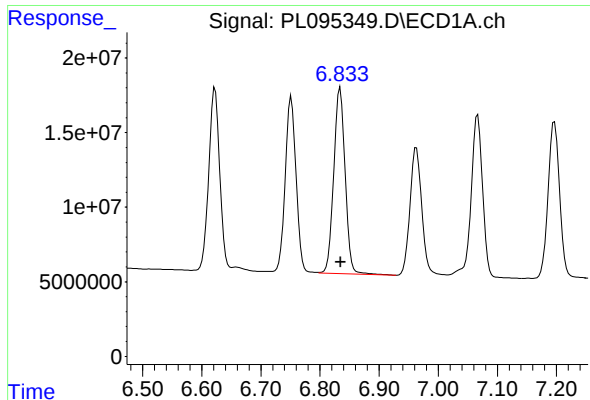
#14 Endrin

R.T.: 6.623 min
Delta R.T.: 0.000 min
Response: 152905503
Conc: 48.01 ng/ml



#14 Endrin

R.T.: 5.805 min
Delta R.T.: -0.002 min
Response: 171949359
Conc: 47.23 ng/ml



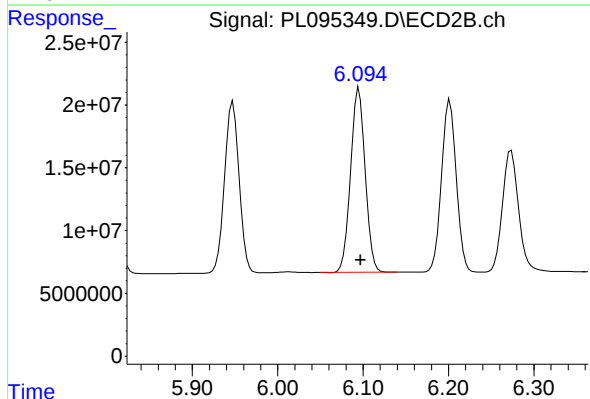
#15 Endosulfan II

R.T.: 6.834 min
Delta R.T.: 0.000 min
Response: 166926916
Conc: 52.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

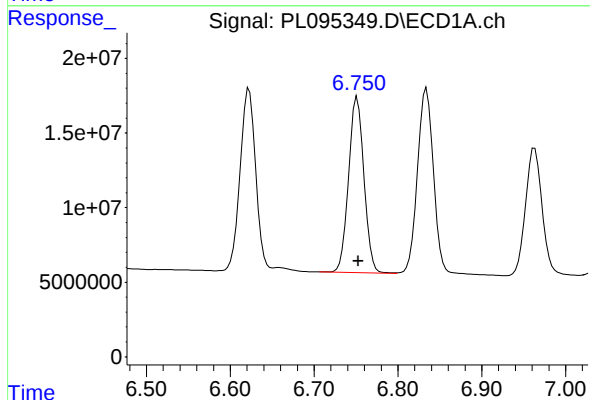
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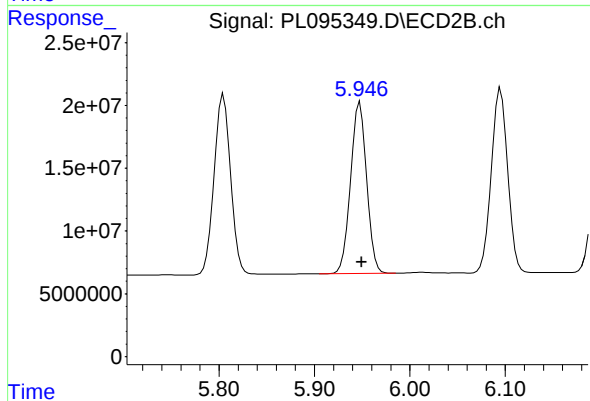
#15 Endosulfan II

R.T.: 6.095 min
Delta R.T.: -0.002 min
Response: 175052655
Conc: 48.75 ng/ml



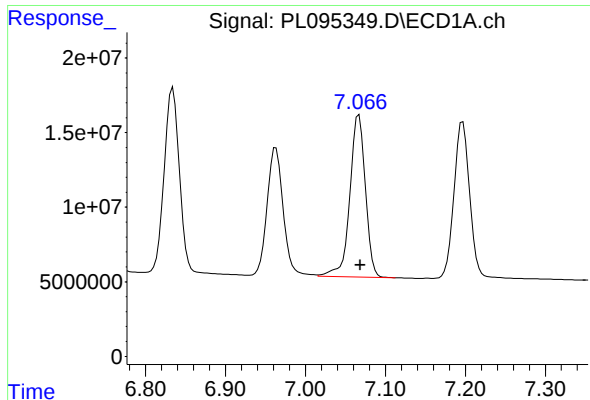
#16 4,4'-DDD

R.T.: 6.751 min
Delta R.T.: -0.001 min
Response: 149925402
Conc: 52.96 ng/ml



#16 4,4'-DDD

R.T.: 5.948 min
Delta R.T.: -0.002 min
Response: 161212039
Conc: 49.35 ng/ml



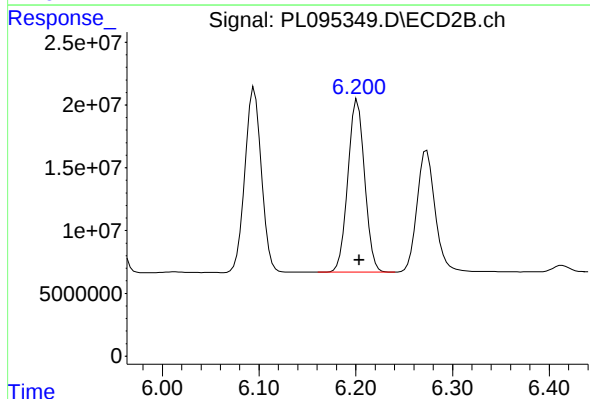
#17 4,4'-DDT

R.T.: 7.067 min
Delta R.T.: -0.002 min
Response: 146794742
Conc: 51.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

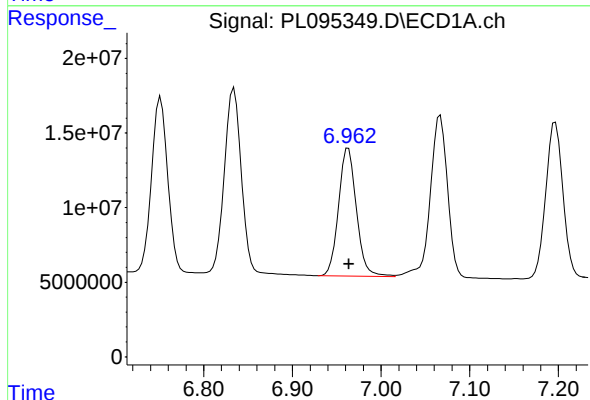
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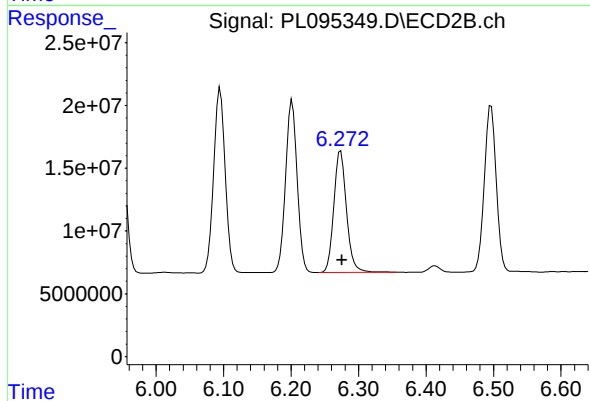
#17 4,4'-DDT

R.T.: 6.202 min
Delta R.T.: -0.002 min
Response: 164127945
Conc: 47.76 ng/ml



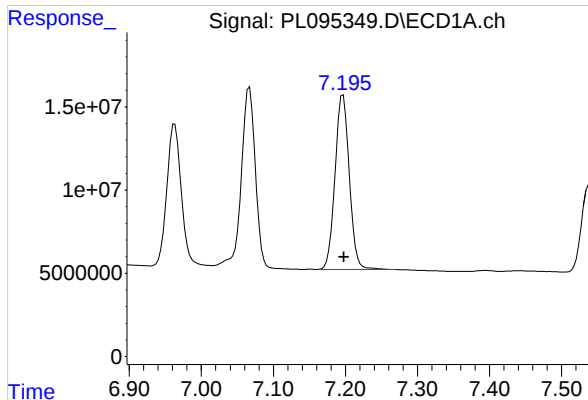
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: 0.000 min
Response: 119981619
Conc: 51.70 ng/ml



#18 Endrin aldehyde

R.T.: 6.273 min
Delta R.T.: -0.002 min
Response: 126950132
Conc: 48.58 ng/ml



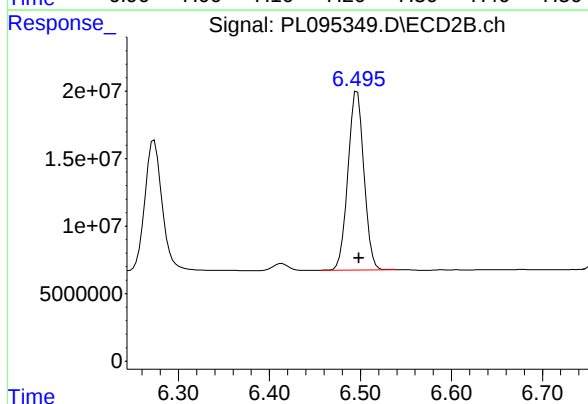
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: -0.001 min
Response: 143230354
Conc: 51.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

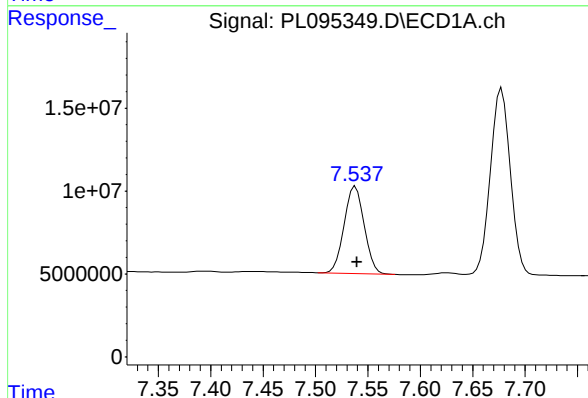
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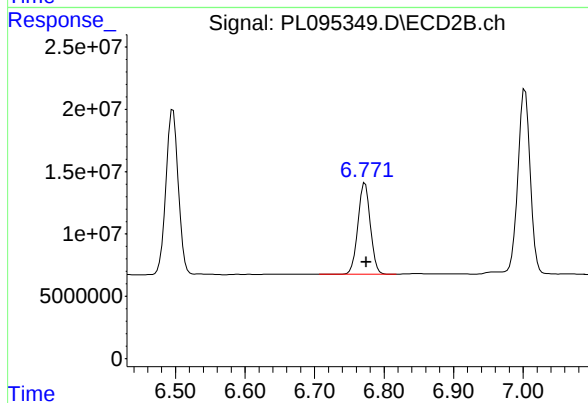
#19 Endosulfan Sulfate

R.T.: 6.496 min
Delta R.T.: -0.002 min
Response: 162371332
Conc: 48.94 ng/ml



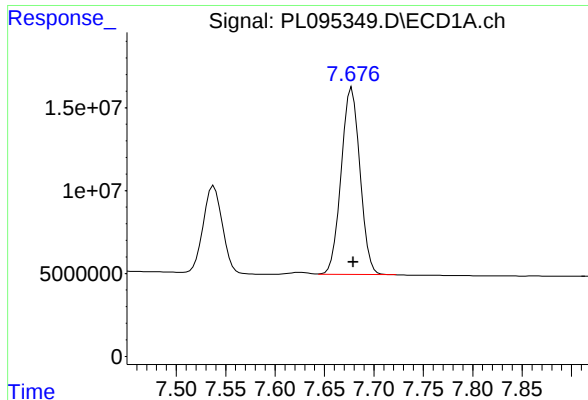
#20 Methoxychlor

R.T.: 7.538 min
Delta R.T.: -0.002 min
Response: 70299184
Conc: 50.39 ng/ml



#20 Methoxychlor

R.T.: 6.773 min
Delta R.T.: -0.002 min
Response: 90864556
Conc: 47.64 ng/ml



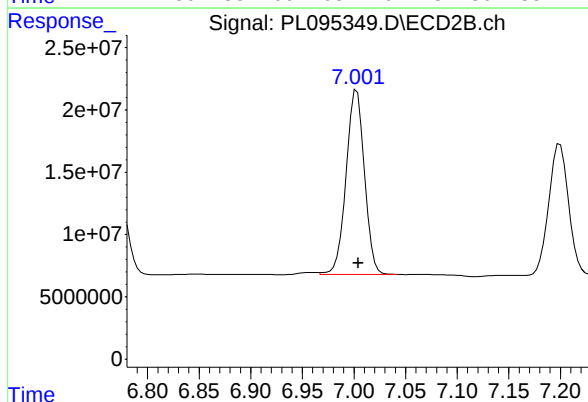
#21 Endrin ketone

R.T.: 7.678 min
Delta R.T.: -0.002 min
Response: 148940169
Conc: 52.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

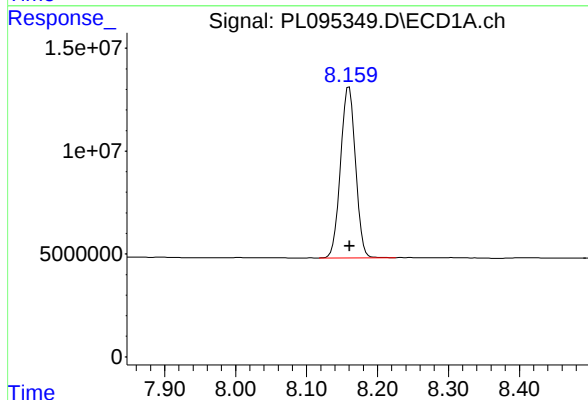
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



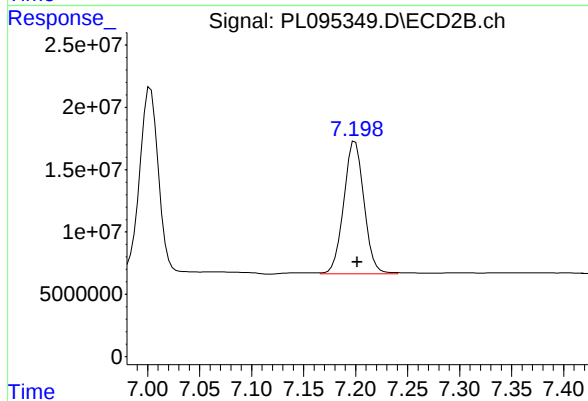
#21 Endrin ketone

R.T.: 7.001 min
Delta R.T.: -0.003 min
Response: 183294985
Conc: 52.05 ng/ml m



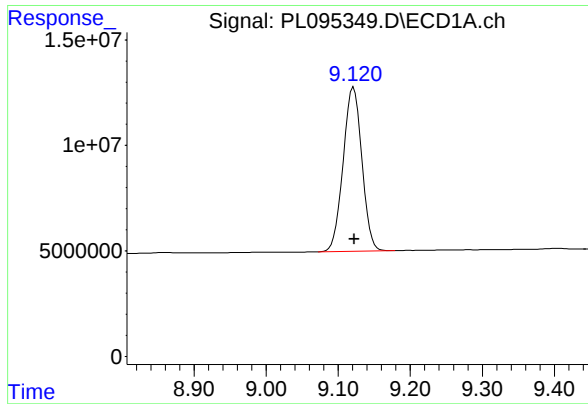
#22 Mirex

R.T.: 8.160 min
Delta R.T.: 0.000 min
Response: 121659907
Conc: 51.20 ng/ml



#22 Mirex

R.T.: 7.198 min
Delta R.T.: -0.003 min
Response: 143913858
Conc: 49.93 ng/ml m



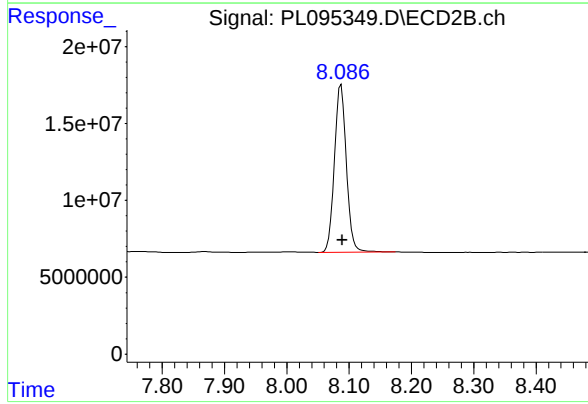
#28 Decachlorobiphenyl

R.T.: 9.121 min
Delta R.T.: 0.000 min
Response: 140398649
Conc: 50.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



#28 Decachlorobiphenyl

R.T.: 8.087 min
Delta R.T.: -0.003 min
Response: 145479520
Conc: 49.16 ng/ml