

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050625\
 Data File : PL095547.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 May 2025 18:39
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/06/2025
 Supervised By :mohammad ahmed 05/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 06 01:42:50 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	2.909	140.8E6	162.4E6	43.143	51.089
28)	SA Decachlor...	9.116	8.086	129.7E6	139.9E6	46.807	47.289
Target Compounds							
2)	A alpha-BHC	4.044	3.419	215.2E6	248.8E6	43.450	55.934 #
3)	MA gamma-BHC...	4.375	3.752	206.1E6	236.7E6	43.534	53.820
4)	MA Heptachlor	4.973	4.106	202.7E6	230.5E6	44.315	52.900
5)	MB Aldrin	5.315	4.390	210.8E6	221.9E6	45.890	53.922m
6)	B beta-BHC	4.561	4.046	91310372	108.1E6	44.164	52.071
7)	B delta-BHC	4.808	4.282	206.1E6	240.2E6	44.309m	54.808
8)	B Heptachlo...	5.734	4.894	187.1E6	204.4E6	46.703m	52.910
9)	A Endosulfan I	6.117	5.267	183.0E6	188.1E6	48.191m	51.396
10)	B gamma-Chl...	5.988	5.145	193.8E6	210.4E6	47.502m	51.921m
11)	B alpha-Chl...	6.071	5.211	201.3E6	204.7E6	49.514	51.418
12)	B 4,4'-DDE	6.238	5.395	183.1E6	207.7E6	46.699m	51.066m
13)	MA Dieldrin	6.392	5.532	179.3E6	219.0E6	46.524	53.844
14)	MA Endrin	6.618	5.805	153.2E6	193.3E6	48.100m	53.081m
15)	B Endosulfa...	6.830	6.097	166.7E6	187.9E6	52.224m	52.330
16)	A 4,4'-DDD	6.747	5.949	142.1E6	173.7E6	50.202m	53.161
17)	MA 4,4'-DDT	7.064	6.202	145.4E6	181.9E6	51.057	52.942
18)	B Endrin al...	6.958	6.275	114.9E6	138.3E6	49.493m	52.933
19)	B Endosulfa...	7.194	6.497	136.5E6	170.0E6	48.717	51.230
20)	A Methoxychlor	7.535	6.772	66901182	100.3E6	47.953	52.578
21)	B Endrin ke...	7.675	7.002	138.4E6	194.2E6	48.532	55.161m
22)	Mirex	8.156	7.198	113.1E6	141.3E6	47.613	49.028m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050625\
Data File : PL095547.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 18:39
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

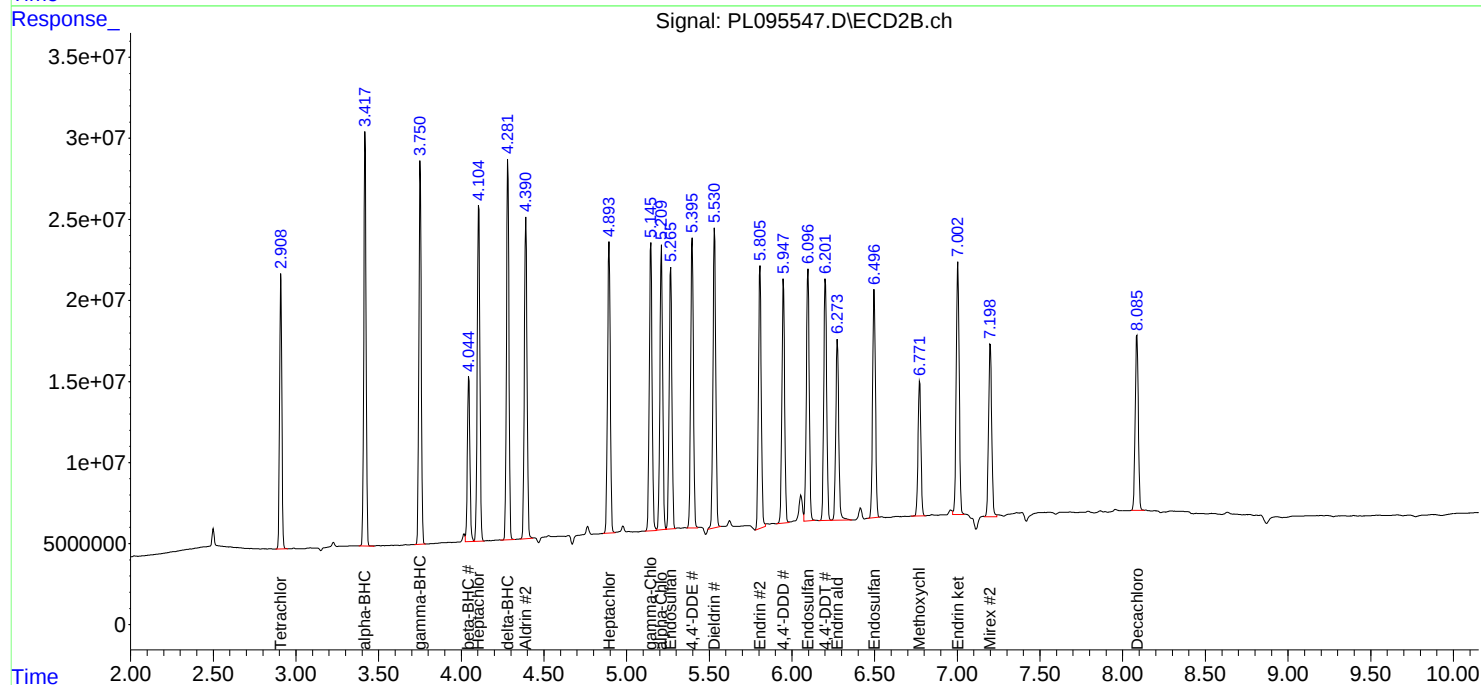
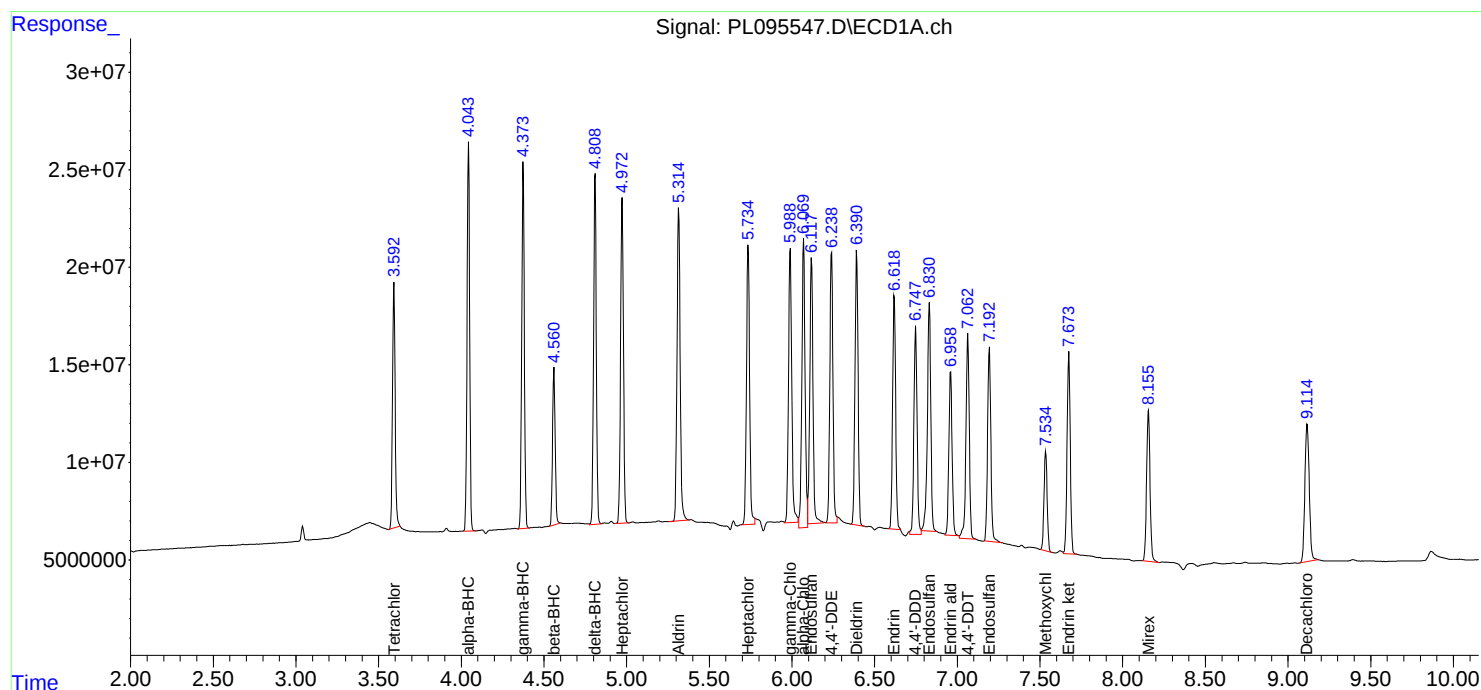
APPROVED

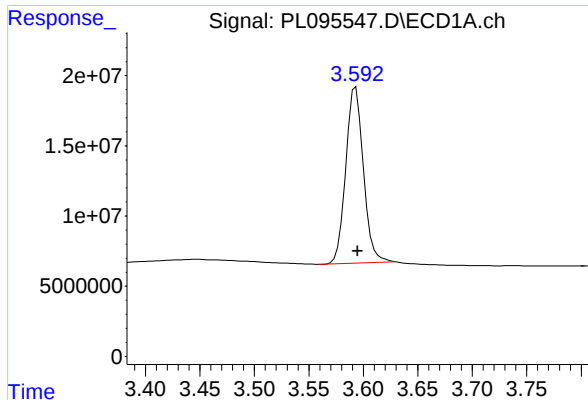
Reviewed By :Abdul Mirza 05/06/2025

Supervised By :mohammad ahmed 05/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 06 01:42:50 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





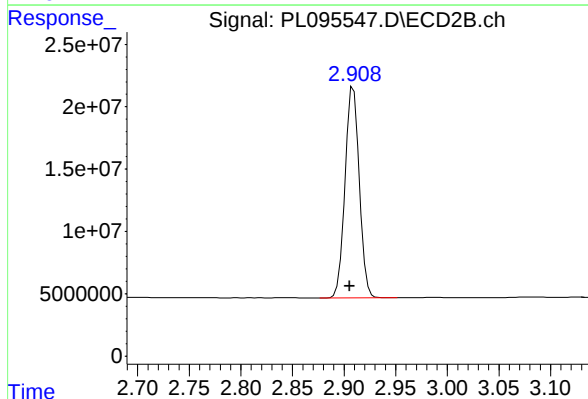
#1 Tetrachloro-m-xylene

R.T.: 3.593 min
Delta R.T.: -0.002 min
Response: 140848877
Conc: 43.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

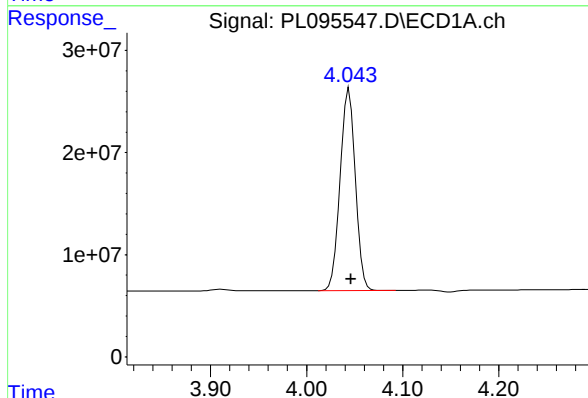
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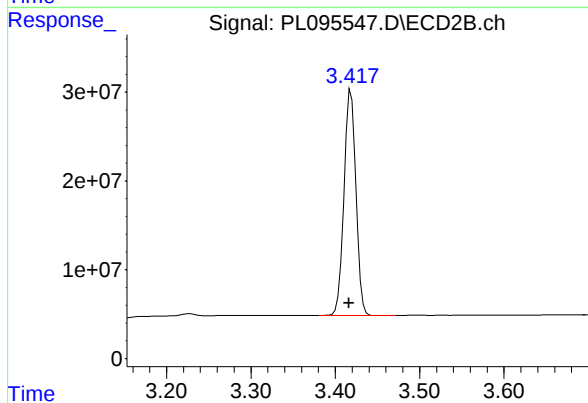
#1 Tetrachloro-m-xylene

R.T.: 2.909 min
Delta R.T.: 0.003 min
Response: 162449537
Conc: 51.09 ng/ml



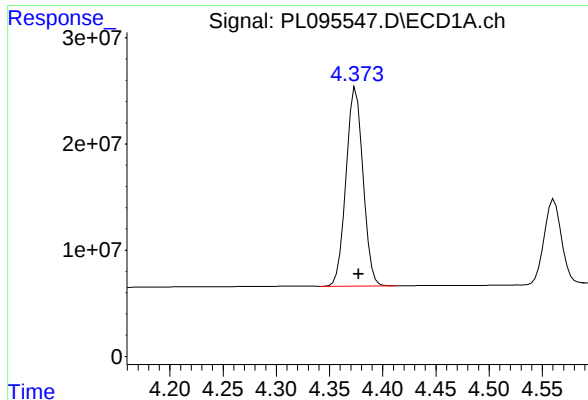
#2 alpha-BHC

R.T.: 4.044 min
Delta R.T.: -0.002 min
Response: 215240593
Conc: 43.45 ng/ml



#2 alpha-BHC

R.T.: 3.419 min
Delta R.T.: 0.003 min
Response: 248834100
Conc: 55.93 ng/ml



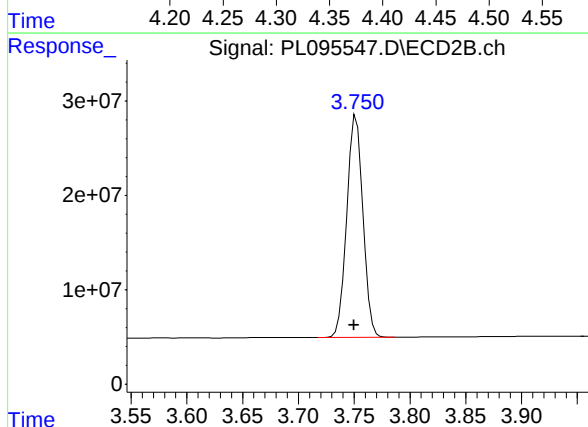
#3 gamma-BHC (Lindane)

R.T.: 4.375 min
Delta R.T.: -0.003 min
Response: 206090357
Conc: 43.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

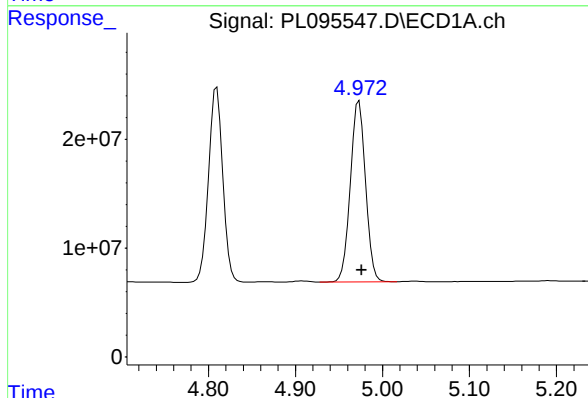
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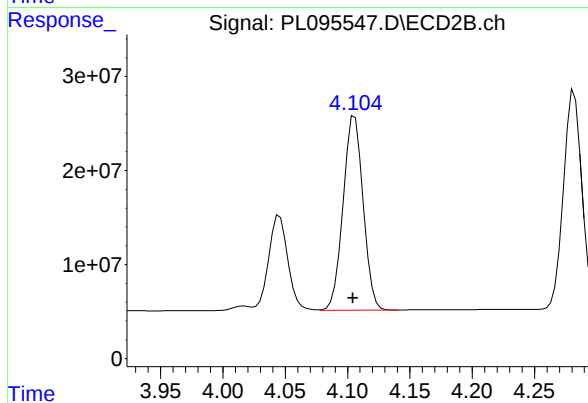
#3 gamma-BHC (Lindane)

R.T.: 3.752 min
Delta R.T.: 0.002 min
Response: 236713196
Conc: 53.82 ng/ml



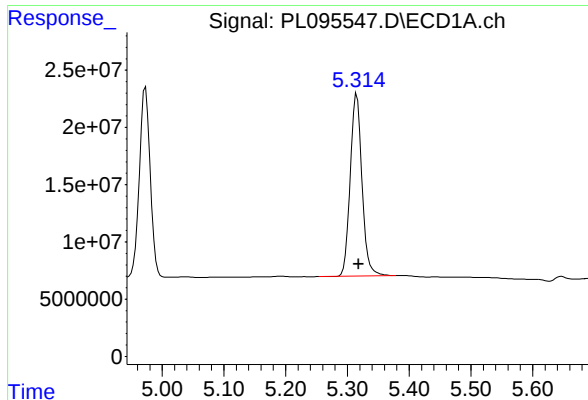
#4 Heptachlor

R.T.: 4.973 min
Delta R.T.: -0.003 min
Response: 202717206
Conc: 44.31 ng/ml



#4 Heptachlor

R.T.: 4.106 min
Delta R.T.: 0.001 min
Response: 230469835
Conc: 52.90 ng/ml



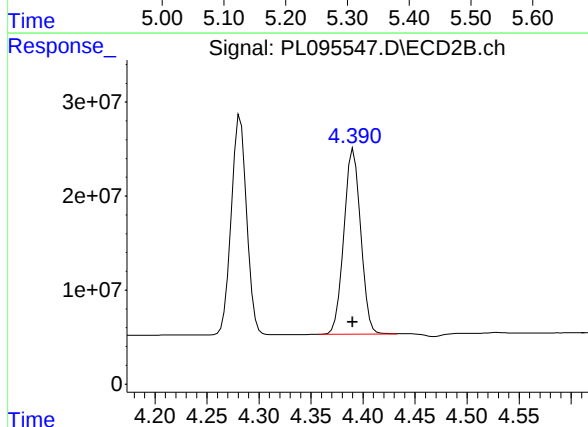
#5 Aldrin

R.T.: 5.315 min
Delta R.T.: -0.003 min
Response: 210771844
Conc: 45.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

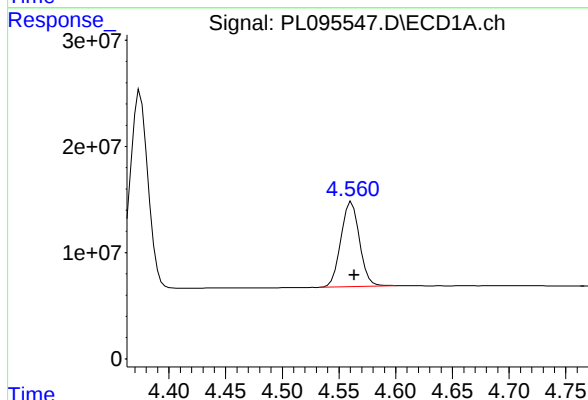
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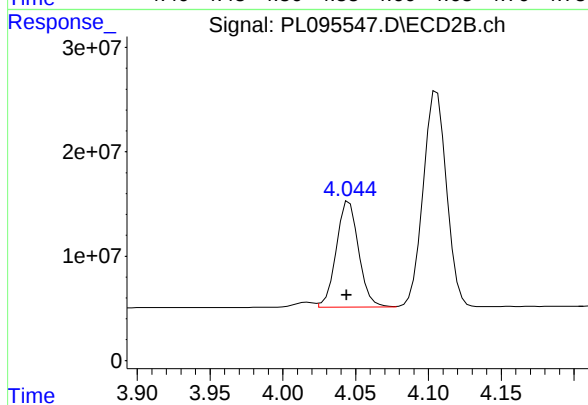
#5 Aldrin

R.T.: 4.390 min
Delta R.T.: 0.000 min
Response: 221924230
Conc: 53.92 ng/ml m



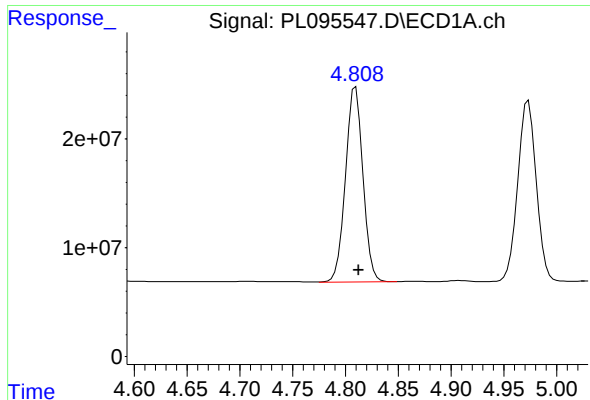
#6 beta-BHC

R.T.: 4.561 min
Delta R.T.: -0.002 min
Response: 91310372
Conc: 44.16 ng/ml



#6 beta-BHC

R.T.: 4.046 min
Delta R.T.: 0.002 min
Response: 108091844
Conc: 52.07 ng/ml



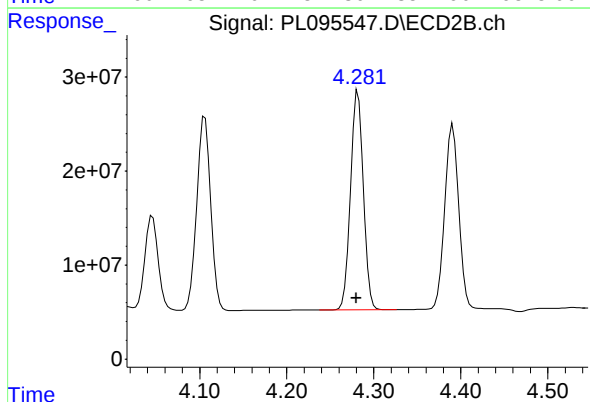
#7 delta-BHC

R.T.: 4.808 min
Delta R.T.: -0.004 min
Response: 206067757
Conc: 44.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

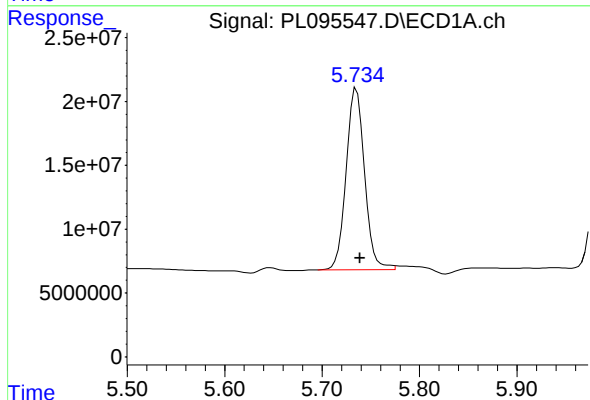
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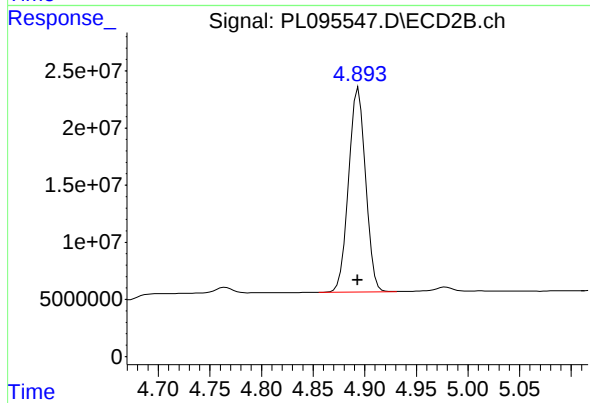
#7 delta-BHC

R.T.: 4.282 min
Delta R.T.: 0.002 min
Response: 240167025
Conc: 54.81 ng/ml



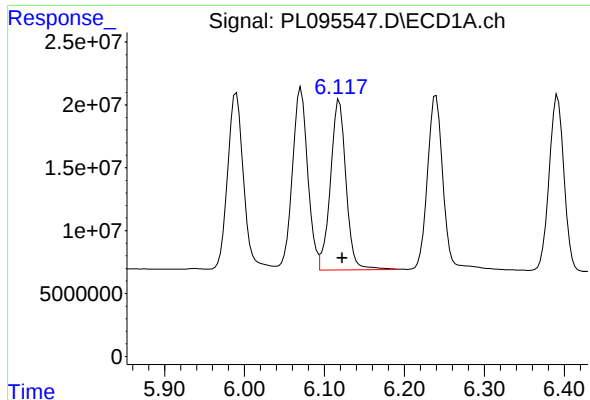
#8 Heptachlor epoxide

R.T.: 5.734 min
Delta R.T.: -0.005 min
Response: 187052839
Conc: 46.70 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 204372468
Conc: 52.91 ng/ml



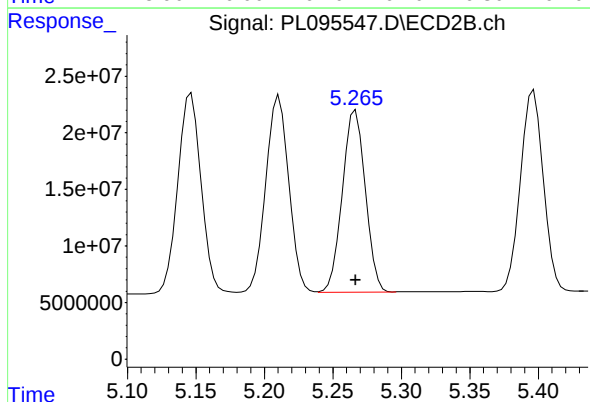
#9 Endosulfan I

R.T.: 6.117 min
Delta R.T.: -0.005 min
Response: 183005801
Conc: 48.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

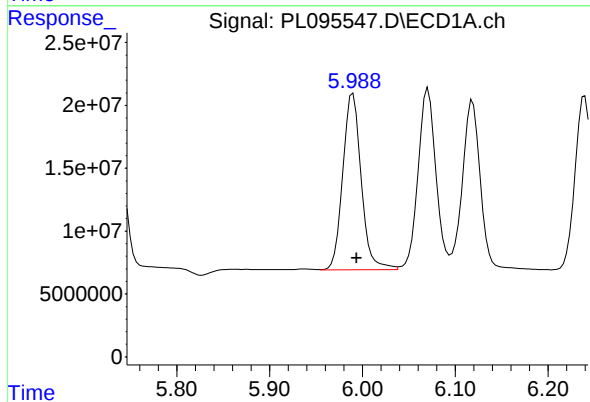
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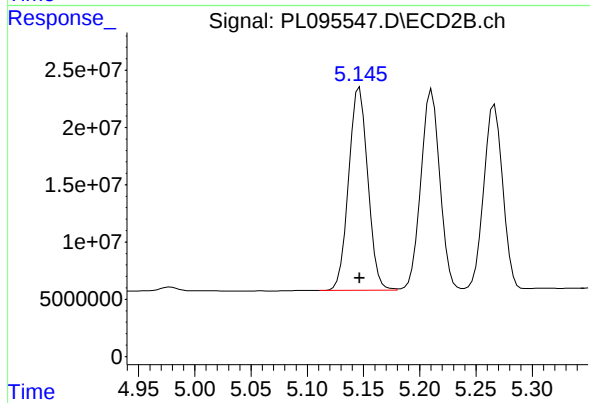
#9 Endosulfan I

R.T.: 5.267 min
Delta R.T.: 0.000 min
Response: 188131045
Conc: 51.40 ng/ml



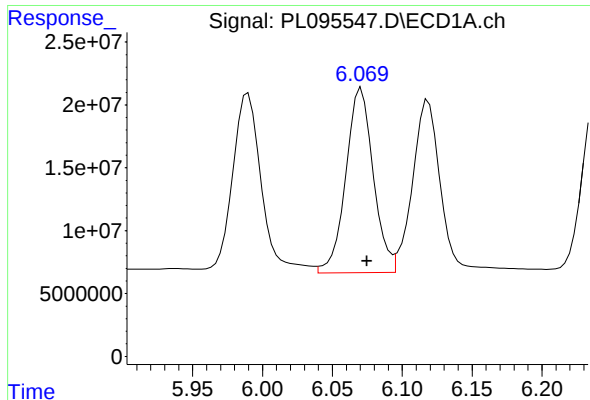
#10 gamma-Chlordane

R.T.: 5.988 min
Delta R.T.: -0.005 min
Response: 193776746
Conc: 47.50 ng/ml m



#10 gamma-Chlordane

R.T.: 5.145 min
Delta R.T.: -0.001 min
Response: 210417369
Conc: 51.92 ng/ml m



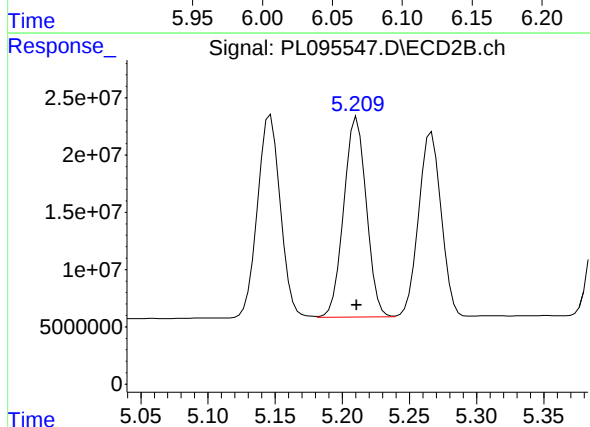
#11 alpha-Chlordane

R.T.: 6.071 min
Delta R.T.: -0.004 min
Response: 201327528
Conc: 49.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

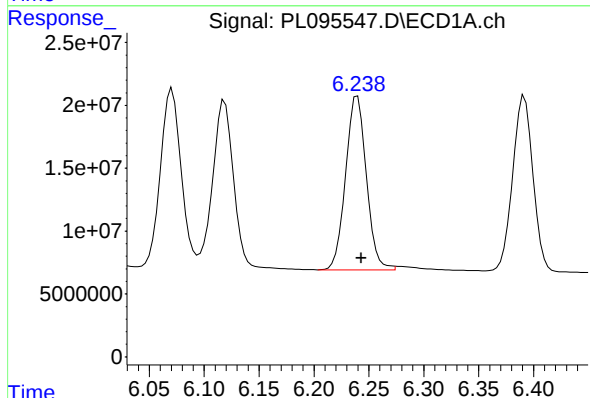
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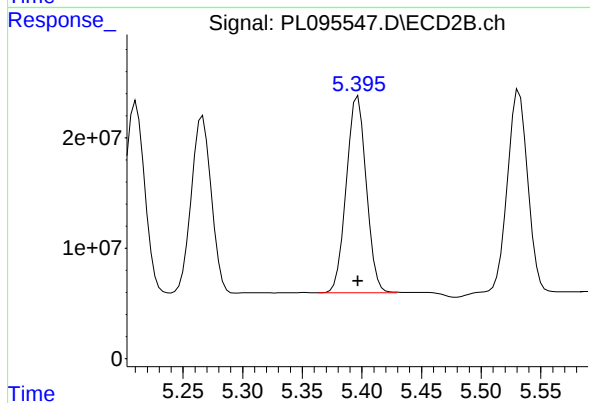
#11 alpha-Chlordane

R.T.: 5.211 min
Delta R.T.: 0.000 min
Response: 204699071
Conc: 51.42 ng/ml



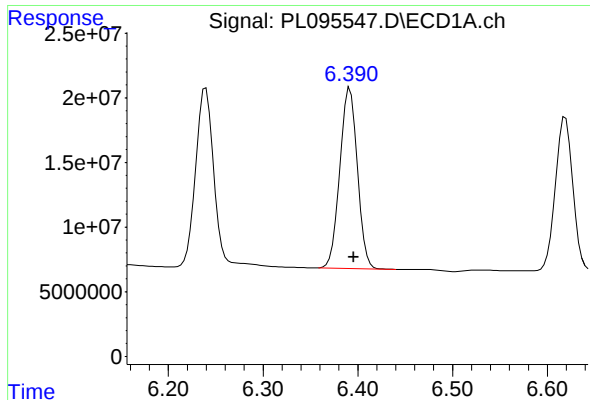
#12 4,4'-DDE

R.T.: 6.238 min
Delta R.T.: -0.005 min
Response: 183084996
Conc: 46.70 ng/ml m



#12 4,4'-DDE

R.T.: 5.395 min
Delta R.T.: -0.002 min
Response: 207684793
Conc: 51.07 ng/ml m



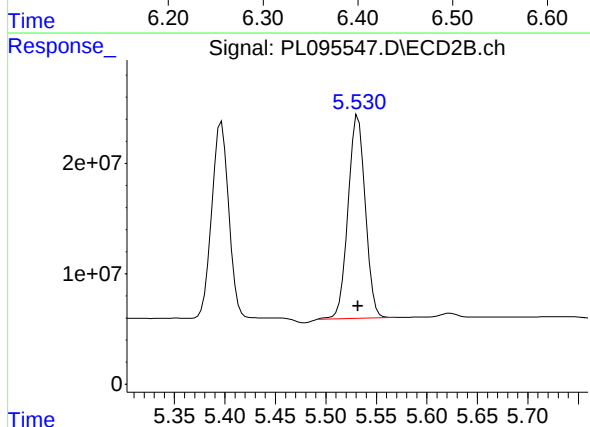
#13 Dieldrin

R.T.: 6.392 min
Delta R.T.: -0.004 min
Response: 179340037
Conc: 46.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

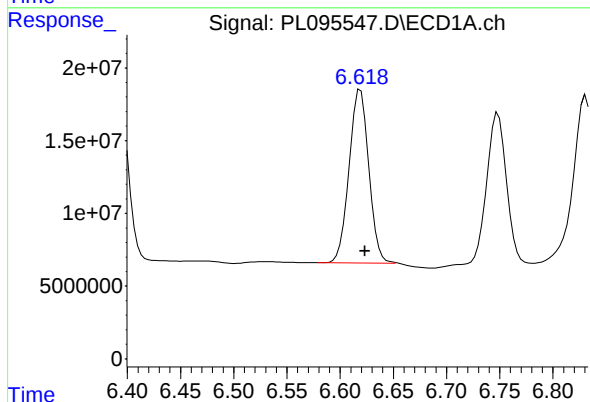
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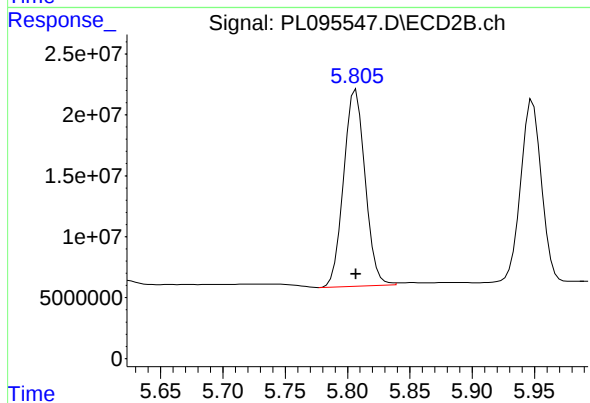
#13 Dieldrin

R.T.: 5.532 min
Delta R.T.: 0.000 min
Response: 218986601
Conc: 53.84 ng/ml



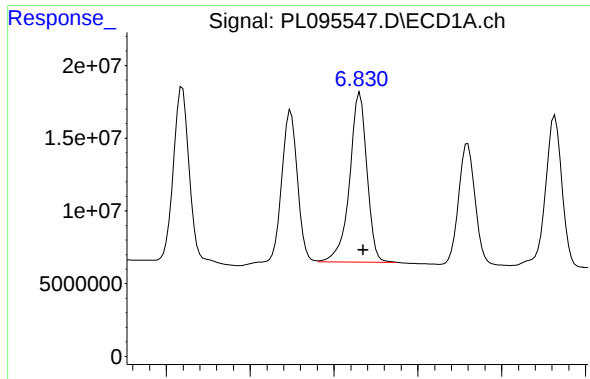
#14 Endrin

R.T.: 6.618 min
Delta R.T.: -0.005 min
Response: 153187552
Conc: 48.10 ng/ml m



#14 Endrin

R.T.: 5.805 min
Delta R.T.: -0.001 min
Response: 193253633
Conc: 53.08 ng/ml m



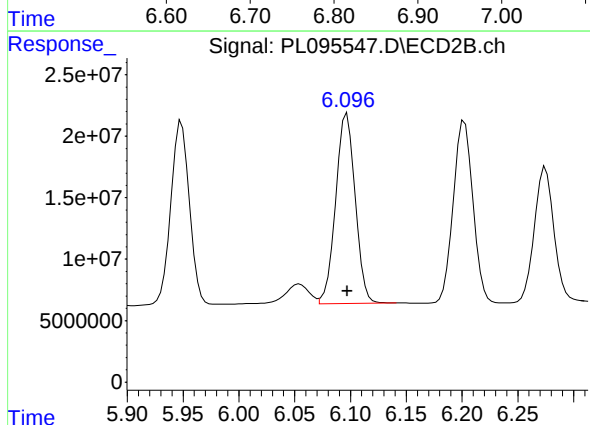
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: -0.005 min
Response: 166707528
Conc: 52.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

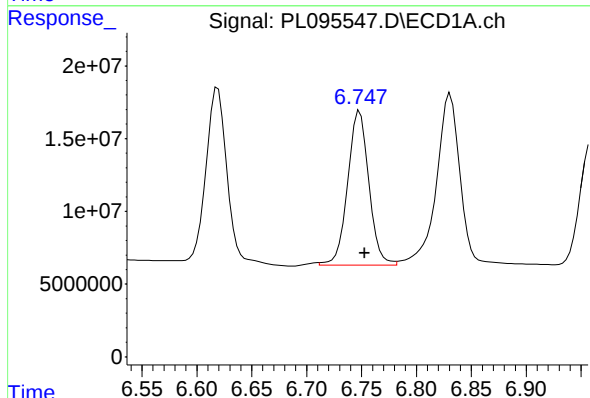
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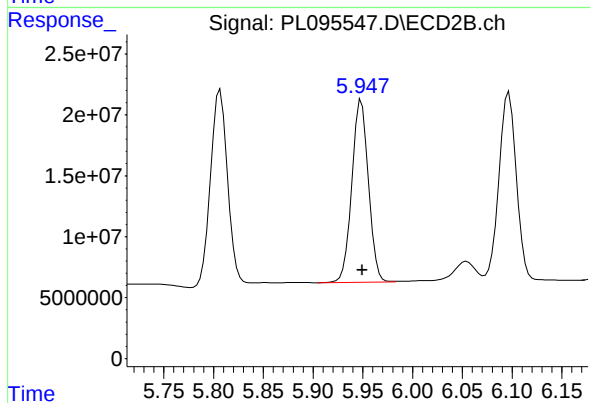
#15 Endosulfan II

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 187921528
Conc: 52.33 ng/ml



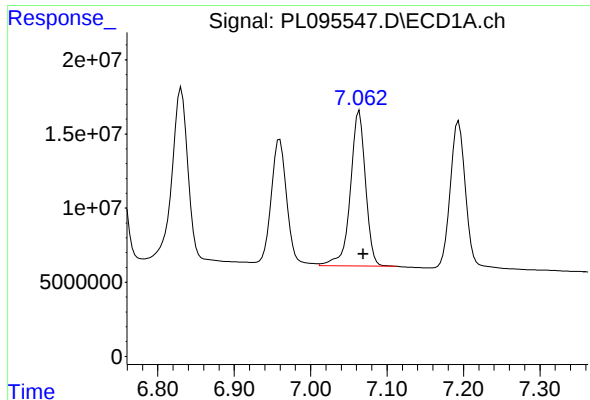
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: -0.006 min
Response: 142120497
Conc: 50.20 ng/ml m



#16 4,4'-DDD

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 173665047
Conc: 53.16 ng/ml



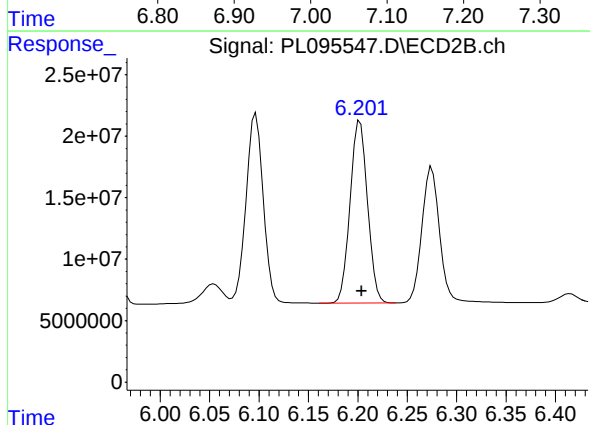
#17 4,4'-DDT

R.T.: 7.064 min
Delta R.T.: -0.005 min
Response: 145438658
Conc: 51.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

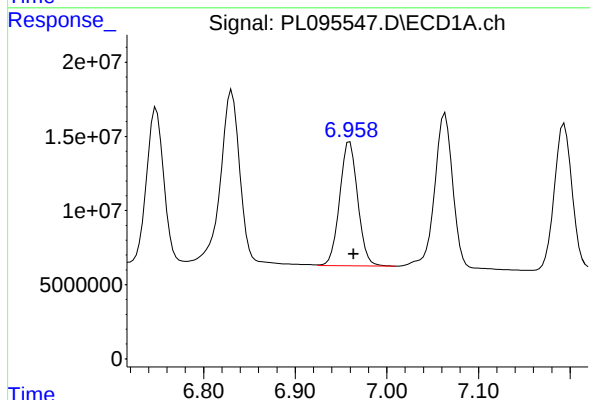
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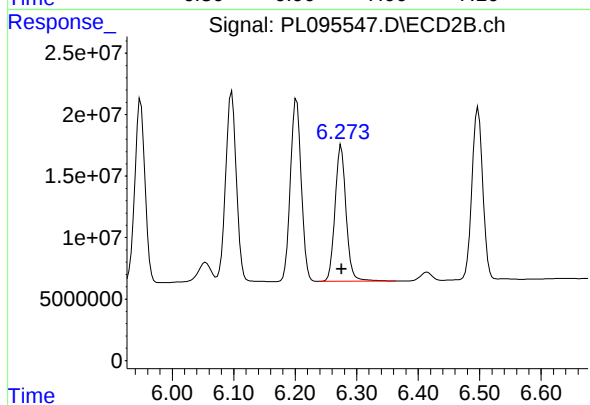
#17 4,4'-DDT

R.T.: 6.202 min
Delta R.T.: -0.002 min
Response: 181918319
Conc: 52.94 ng/ml



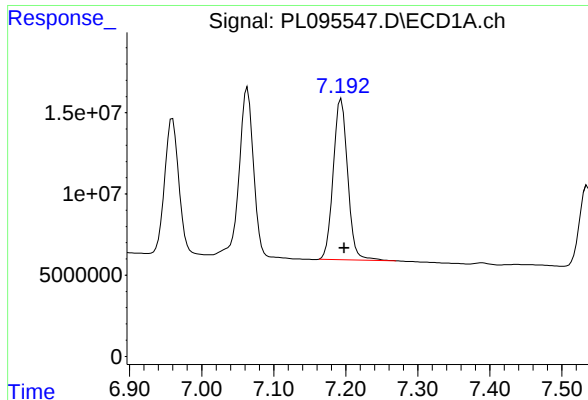
#18 Endrin aldehyde

R.T.: 6.958 min
Delta R.T.: -0.006 min
Response: 114862427
Conc: 49.49 ng/ml m



#18 Endrin aldehyde

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 138322130
Conc: 52.93 ng/ml



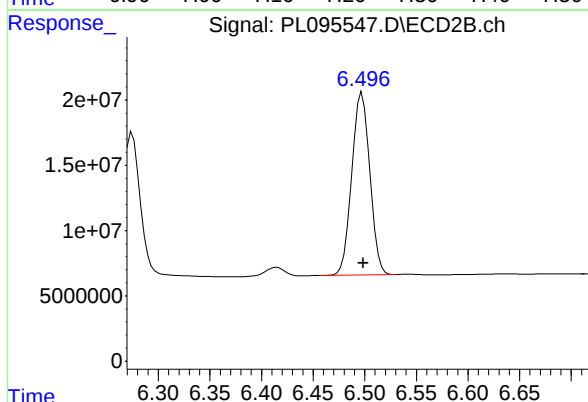
#19 Endosulfan Sulfate

R.T.: 7.194 min
Delta R.T.: -0.004 min
Response: 136495378
Conc: 48.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

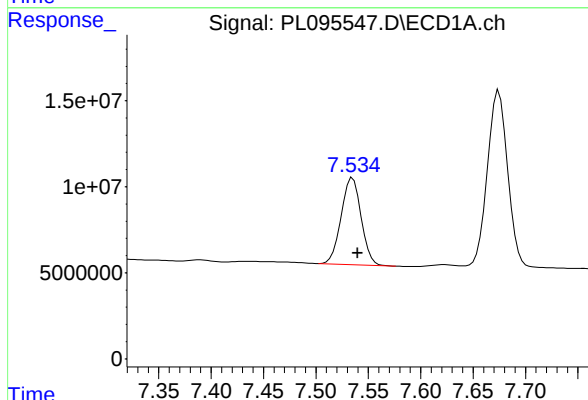
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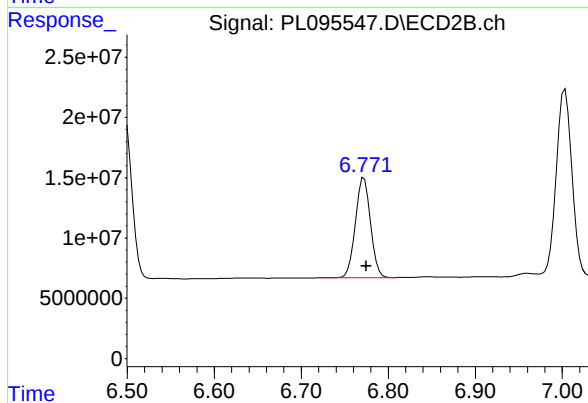
#19 Endosulfan Sulfate

R.T.: 6.497 min
Delta R.T.: 0.000 min
Response: 169978196
Conc: 51.23 ng/ml



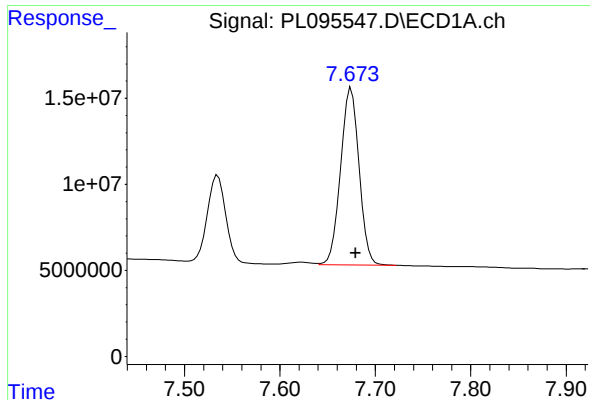
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: -0.005 min
Response: 66901182
Conc: 47.95 ng/ml



#20 Methoxychlor

R.T.: 6.772 min
Delta R.T.: -0.003 min
Response: 100287966
Conc: 52.58 ng/ml



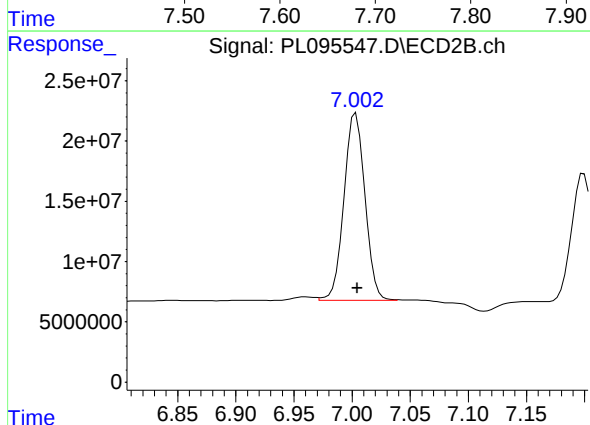
#21 Endrin ketone

R.T.: 7.675 min
Delta R.T.: -0.005 min
Response: 138358687
Conc: 48.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

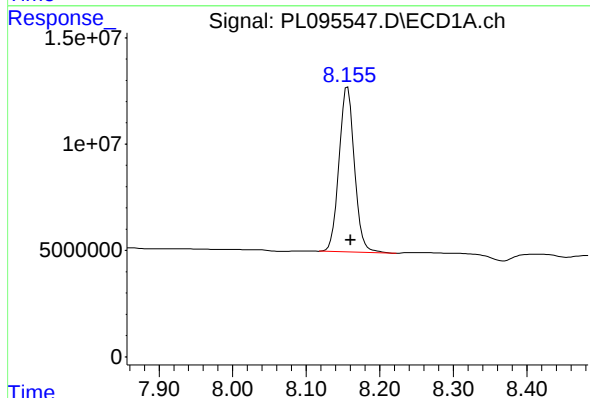
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/06/2025
Supervised By :mohammad ahmed 05/08/2025



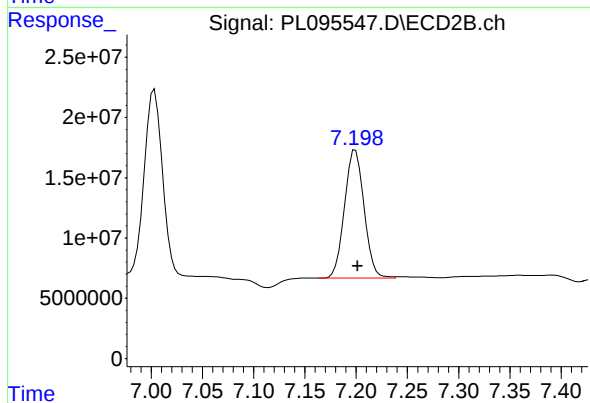
#21 Endrin ketone

R.T.: 7.002 min
Delta R.T.: -0.003 min
Response: 194238260
Conc: 55.16 ng/ml m



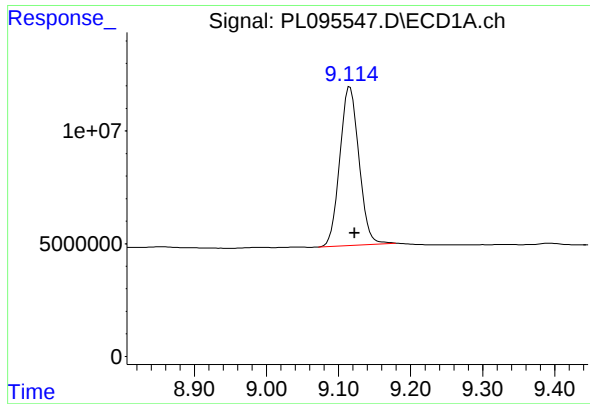
#22 Mirex

R.T.: 8.156 min
Delta R.T.: -0.005 min
Response: 113129684
Conc: 47.61 ng/ml



#22 Mirex

R.T.: 7.198 min
Delta R.T.: -0.004 min
Response: 141319763
Conc: 49.03 ng/ml m



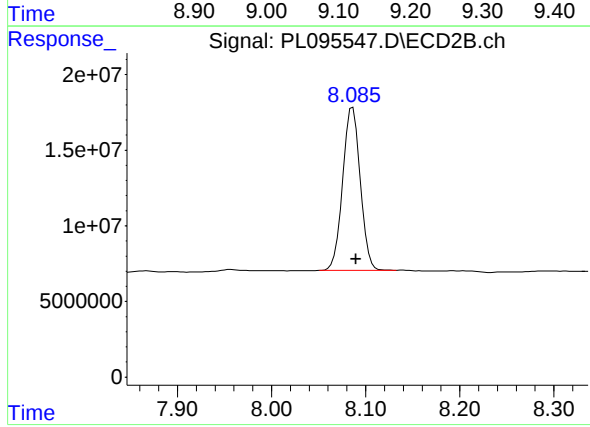
#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: -0.006 min
Response: 129694062
Conc: 46.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/06/2025
Supervised By :mohammad ahmed 05/08/2025



#28 Decachlorobiphenyl

R.T.: 8.086 min
Delta R.T.: -0.003 min
Response: 139939962
Conc: 47.29 ng/ml