

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073025\
 Data File : PL096651.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2025 16:03
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/31/2025
 Supervised By : mohammad ahmed 08/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 07:58:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 08:58:13 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...	3.534	2.826	171.4E6	264.0E6	53.875	55.265
28)	SA Decachlor...	9.015	7.991	130.3E6	240.3E6	54.649	55.383
Target Compounds							
2)	A alpha-BHC	3.981	3.332	252.2E6	396.0E6	54.512	55.949
3)	MA gamma-BHC...	4.309	3.664	238.3E6	365.9E6	53.879	55.405
4)	MA Heptachlor	4.902	4.013	226.2E6	363.7E6	54.442	54.600
5)	MB Aldrin	5.241	4.296	230.2E6	341.8E6	53.533	55.062
6)	B beta-BHC	4.496	3.960	98307180	153.2E6	54.465	54.305
7)	B delta-BHC	4.740	4.193	220.4E6	357.3E6	55.248m	55.188
8)	B Heptachlo...	5.661	4.798	212.2E6	313.1E6	55.031	54.813
9)	A Endosulfan I	6.043	5.169	194.9E6	286.8E6	54.205	51.858
10)	B gamma-Chl...	5.914	5.050	209.8E6	322.6E6	55.144	54.866
11)	B alpha-Chl...	5.995	5.114	208.0E6	313.8E6	53.958	53.202
12)	B 4,4'-DDE	6.165	5.302	174.4E6	298.6E6	54.310	54.156
13)	MA Dieldrin	6.314	5.433	201.0E6	322.7E6	54.163	54.640
14)	MA Endrin	6.542	5.708	159.7E6	289.4E6	52.749	53.533
15)	B Endosulfa...	6.754	6.000	165.5E6	277.8E6	51.661	54.095
16)	A 4,4'-DDD	6.674	5.855	140.5E6	257.6E6	55.556	54.737
17)	MA 4,4'-DDT	6.988	6.108	150.9E6	259.3E6	52.609	51.266
18)	B Endrin al...	6.883	6.178	119.6E6	207.8E6	55.714	56.381
19)	B Endosulfa...	7.117	6.401	154.0E6	280.5E6	53.606	55.147
20)	A Methoxychlor	7.461	6.680	74659109	141.2E6	50.845	51.523
21)	B Endrin ke...	7.596	6.906	166.3E6	298.6E6	55.307	53.610
22)	Mirex	8.076	7.096	137.5E6	231.7E6	55.475	53.135

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073025\
Data File : PL096651.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jul 2025 16:03
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

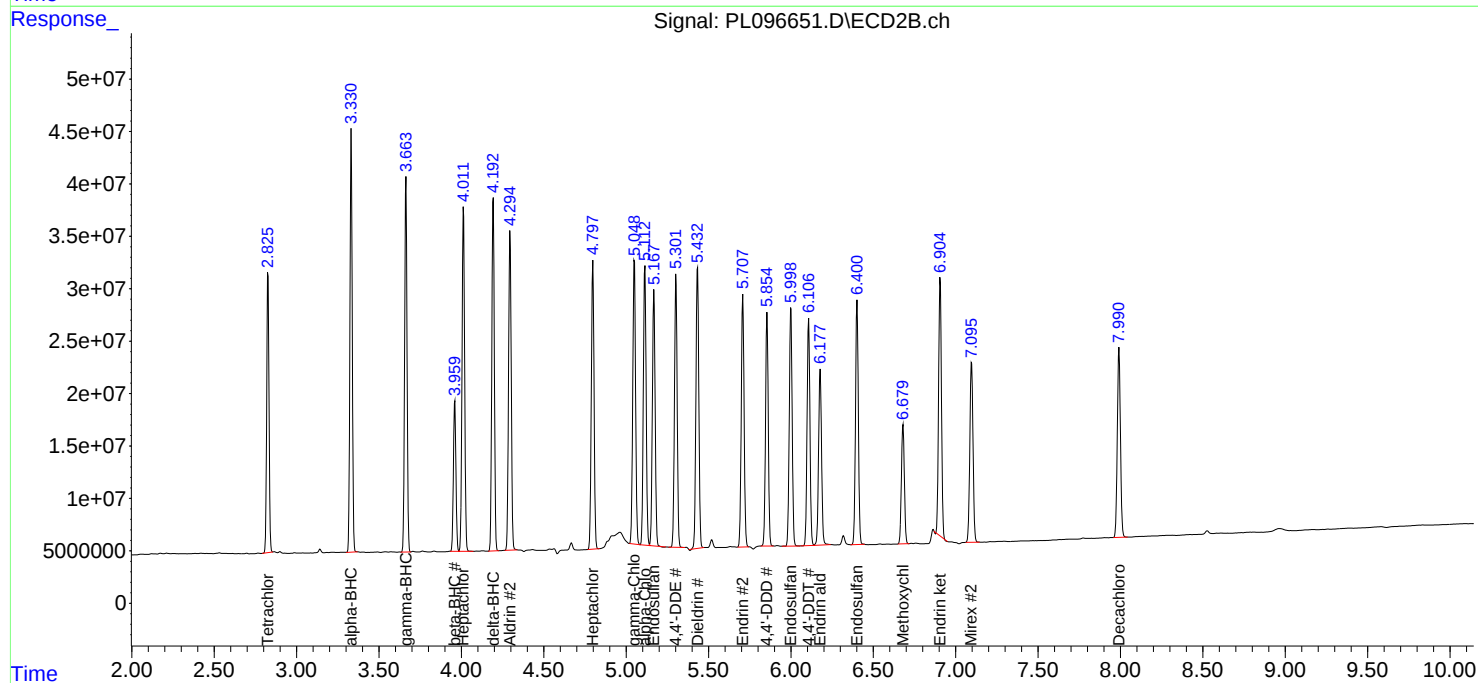
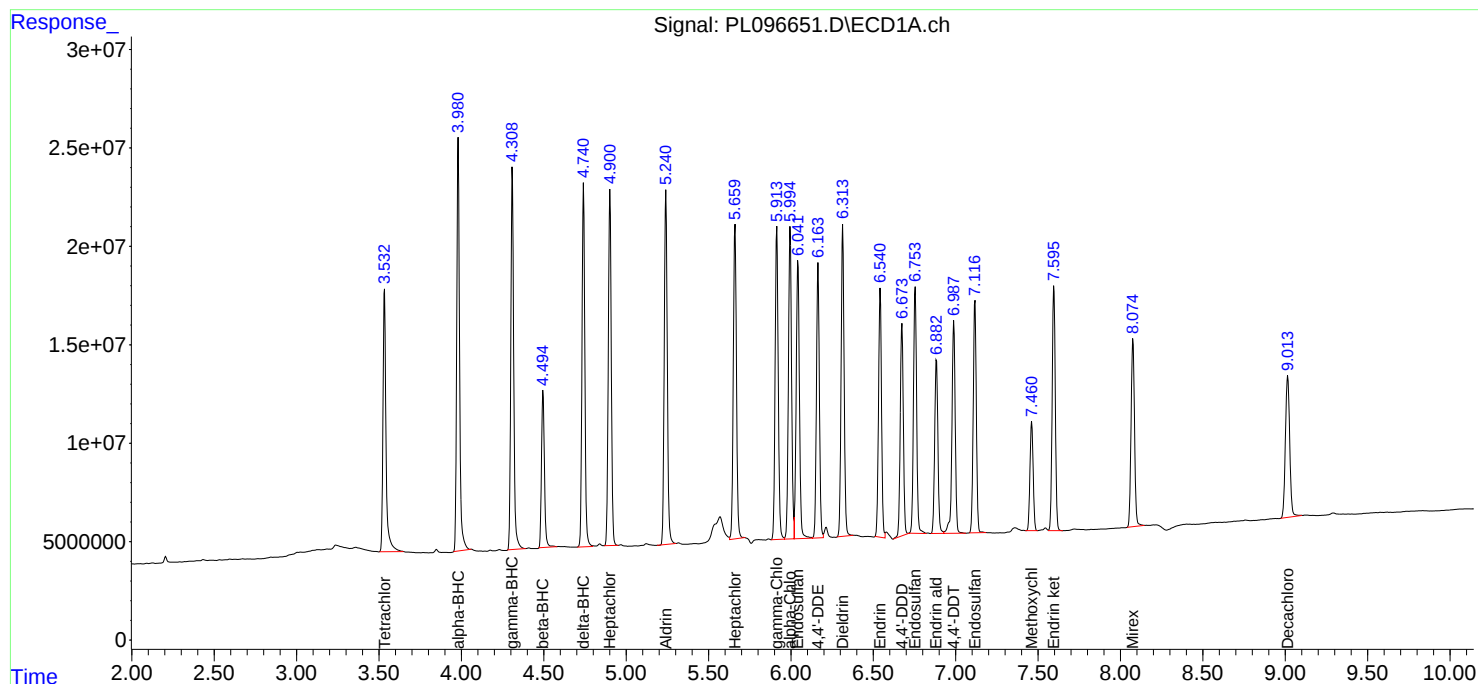
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

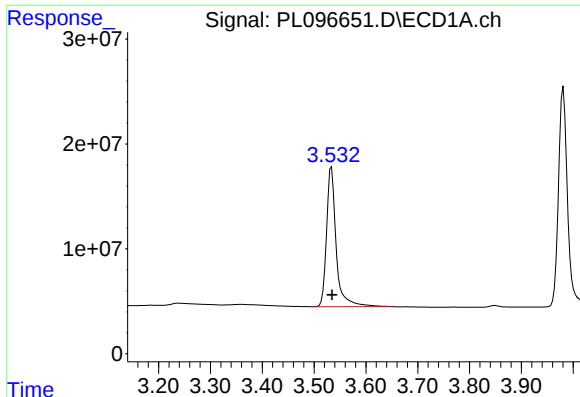
Manual Integrations
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Supervised By :mohammad ahmed 08/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 07:58:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 08:58:13 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





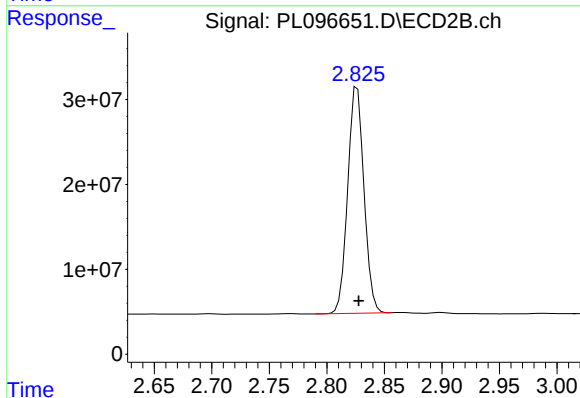
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.001 min
Response: 171366206
Conc: 53.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

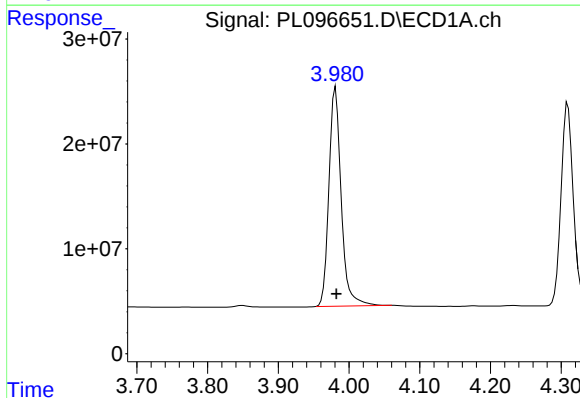
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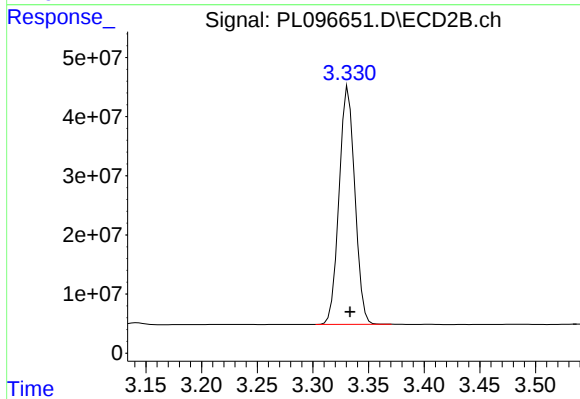
#1 Tetrachloro-m-xylene

R.T.: 2.826 min
Delta R.T.: -0.001 min
Response: 264042853
Conc: 55.26 ng/ml



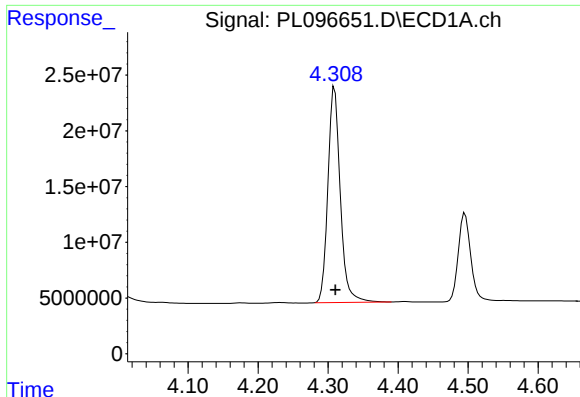
#2 alpha-BHC

R.T.: 3.981 min
Delta R.T.: -0.001 min
Response: 252189678
Conc: 54.51 ng/ml



#2 alpha-BHC

R.T.: 3.332 min
Delta R.T.: -0.001 min
Response: 395950397
Conc: 55.95 ng/ml



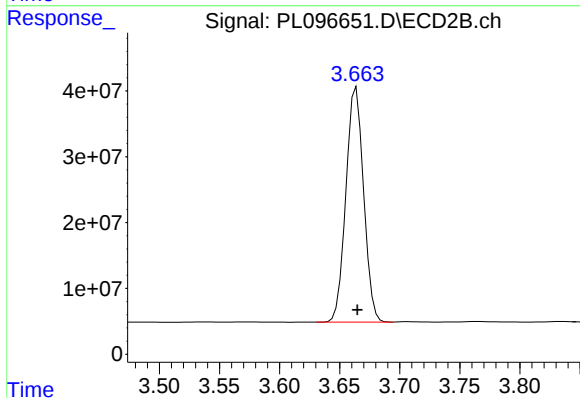
#3 gamma-BHC (Lindane)

R.T.: 4.309 min
Delta R.T.: 0.000 min
Response: 238331221
Conc: 53.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

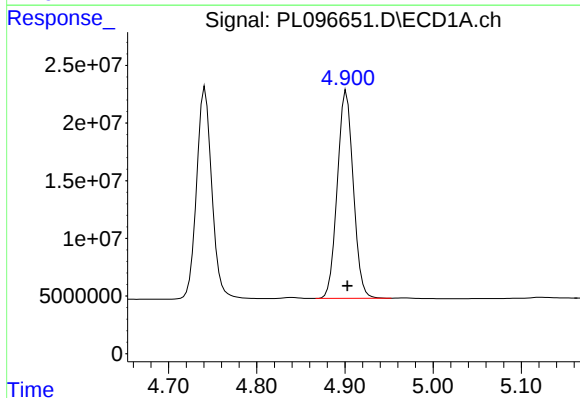
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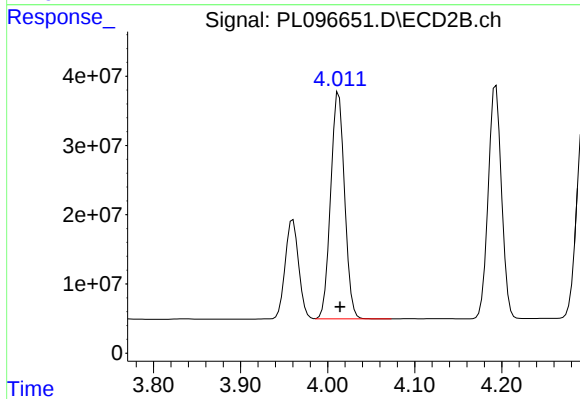
#3 gamma-BHC (Lindane)

R.T.: 3.664 min
Delta R.T.: -0.001 min
Response: 365860693
Conc: 55.41 ng/ml



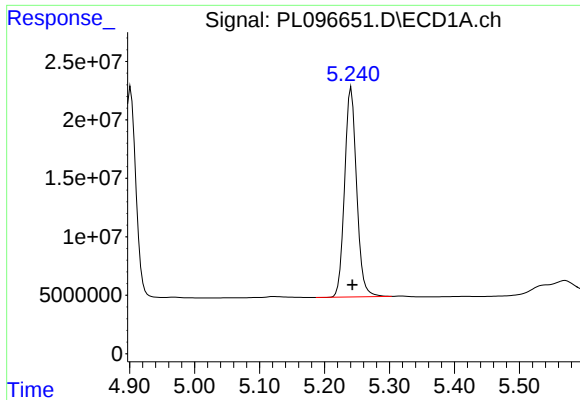
#4 Heptachlor

R.T.: 4.902 min
Delta R.T.: 0.000 min
Response: 226245190
Conc: 54.44 ng/ml



#4 Heptachlor

R.T.: 4.013 min
Delta R.T.: -0.001 min
Response: 363739712
Conc: 54.60 ng/ml



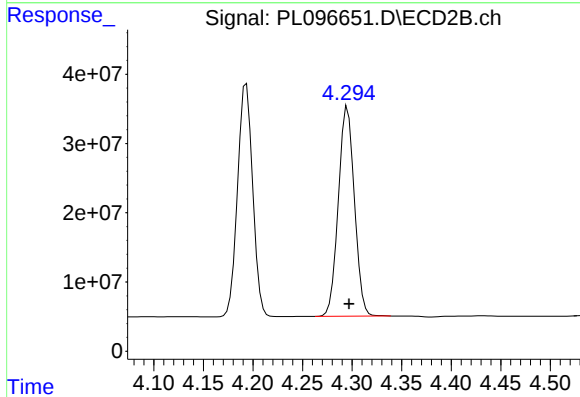
#5 Aldrin

R.T.: 5.241 min
Delta R.T.: -0.002 min
Response: 230245751
Conc: 53.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

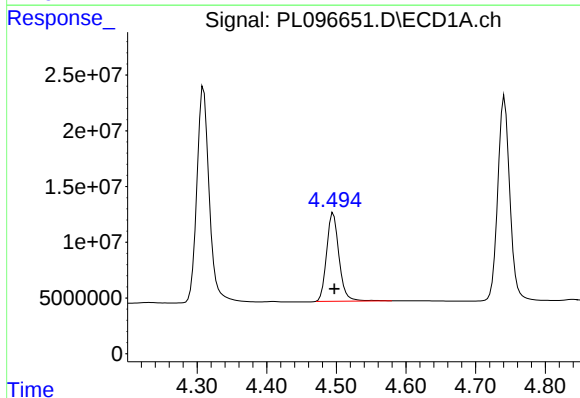
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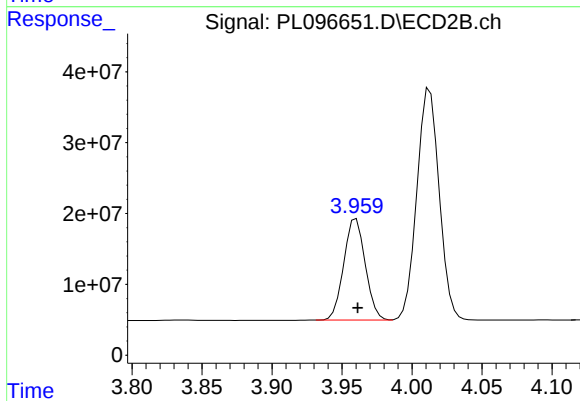
#5 Aldrin

R.T.: 4.296 min
Delta R.T.: -0.001 min
Response: 341776073
Conc: 55.06 ng/ml



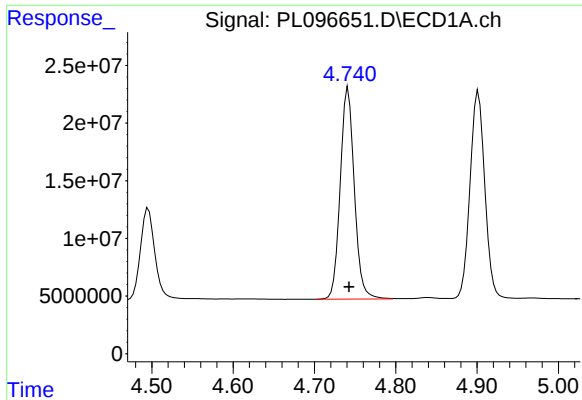
#6 beta-BHC

R.T.: 4.496 min
Delta R.T.: -0.001 min
Response: 98307180
Conc: 54.46 ng/ml



#6 beta-BHC

R.T.: 3.960 min
Delta R.T.: -0.001 min
Response: 153190059
Conc: 54.31 ng/ml



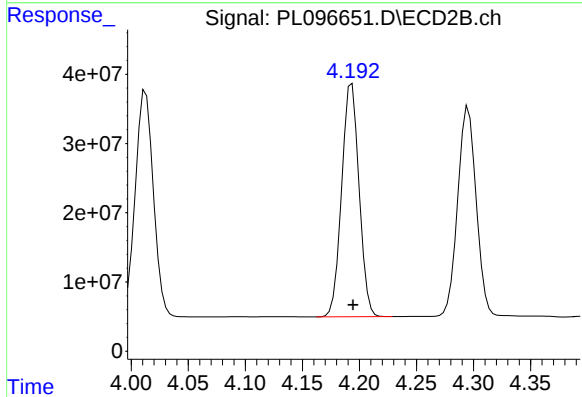
#7 delta-BHC

R.T.: 4.740 min
Delta R.T.: -0.002 min
Response: 220433406
Conc: 55.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

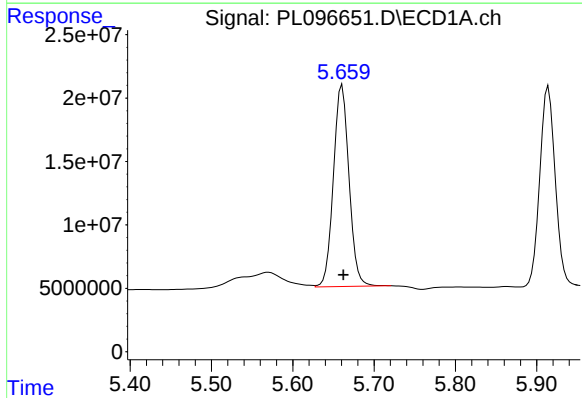
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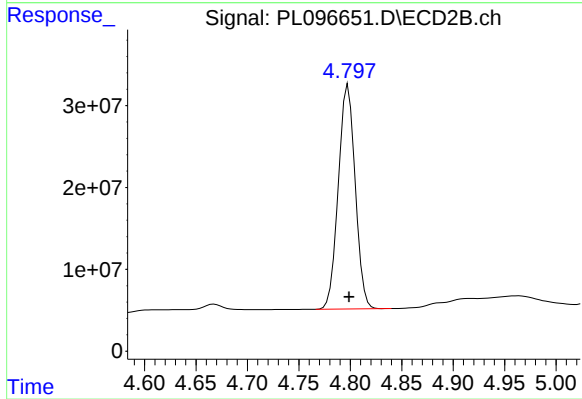
#7 delta-BHC

R.T.: 4.193 min
Delta R.T.: -0.001 min
Response: 357269522
Conc: 55.19 ng/ml



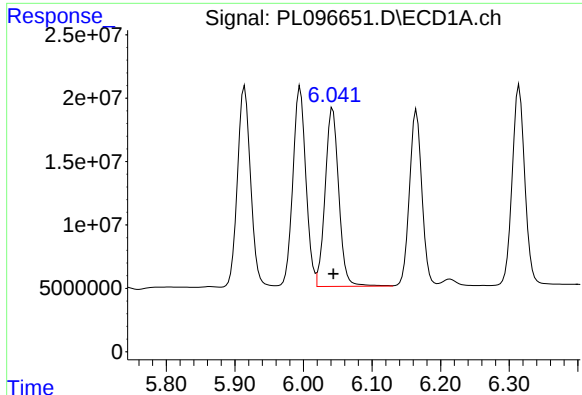
#8 Heptachlor epoxide

R.T.: 5.661 min
Delta R.T.: -0.001 min
Response: 212230966
Conc: 55.03 ng/ml



#8 Heptachlor epoxide

R.T.: 4.798 min
Delta R.T.: 0.000 min
Response: 313054909
Conc: 54.81 ng/ml



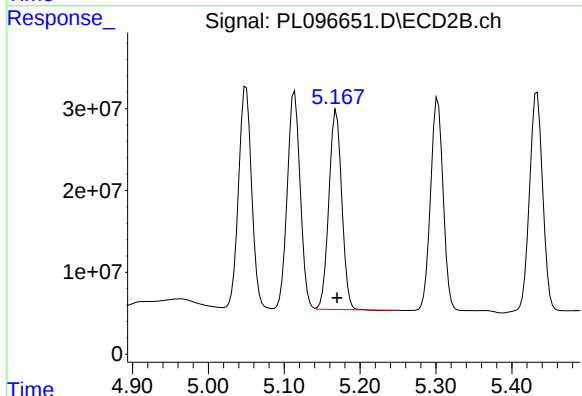
#9 Endosulfan I

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 194939858
Conc: 54.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

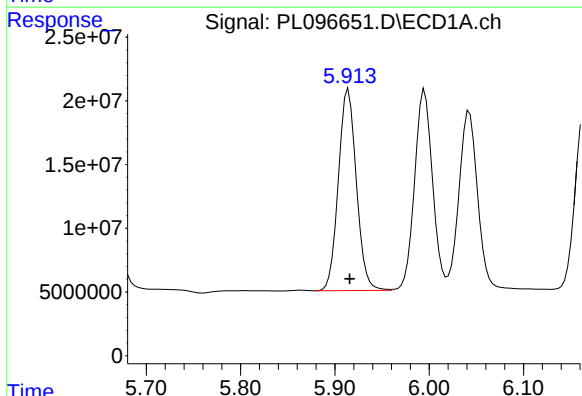
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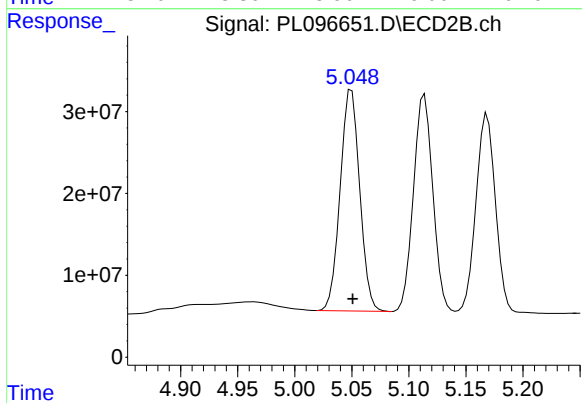
#9 Endosulfan I

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 286849414
Conc: 51.86 ng/ml



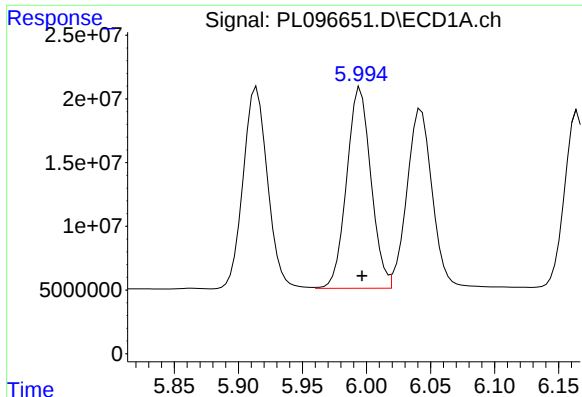
#10 gamma-Chlordane

R.T.: 5.914 min
Delta R.T.: -0.001 min
Response: 209837734
Conc: 55.14 ng/ml



#10 gamma-Chlordane

R.T.: 5.050 min
Delta R.T.: -0.001 min
Response: 322619260
Conc: 54.87 ng/ml



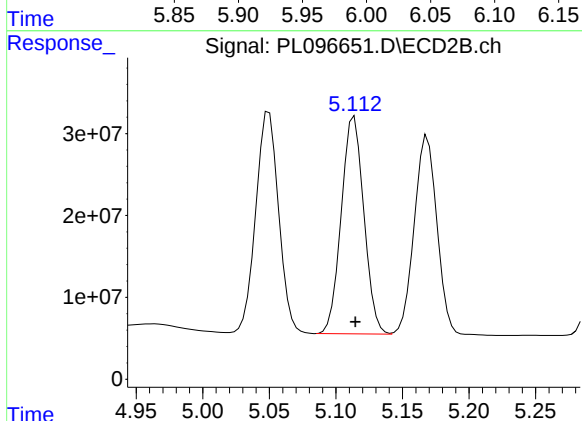
#11 alpha-Chlordane

R.T.: 5.995 min
Delta R.T.: -0.001 min
Response: 207987662
Conc: 53.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

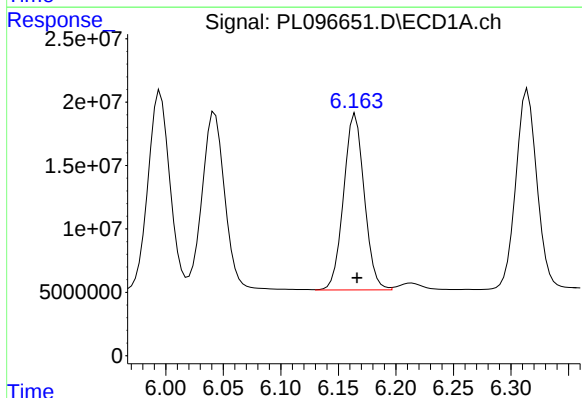
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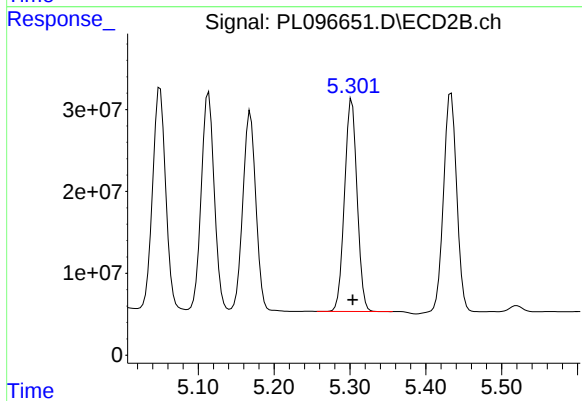
#11 alpha-Chlordane

R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 313831259
Conc: 53.20 ng/ml



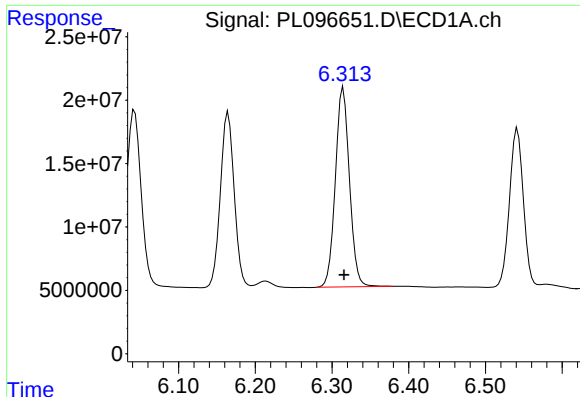
#12 4,4'-DDE

R.T.: 6.165 min
Delta R.T.: -0.001 min
Response: 174404255
Conc: 54.31 ng/ml



#12 4,4'-DDE

R.T.: 5.302 min
Delta R.T.: -0.001 min
Response: 298637278
Conc: 54.16 ng/ml



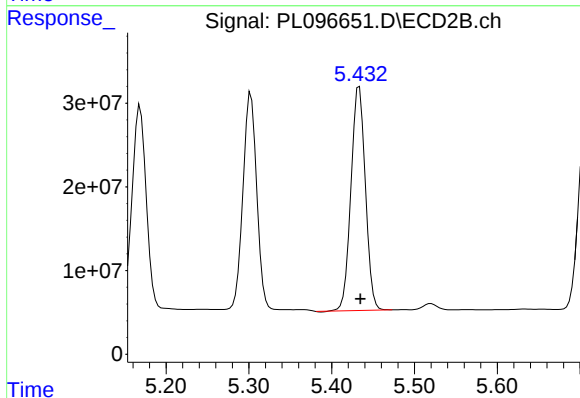
#13 Dieldrin

R.T.: 6.314 min
Delta R.T.: -0.001 min
Response: 201007091
Conc: 54.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

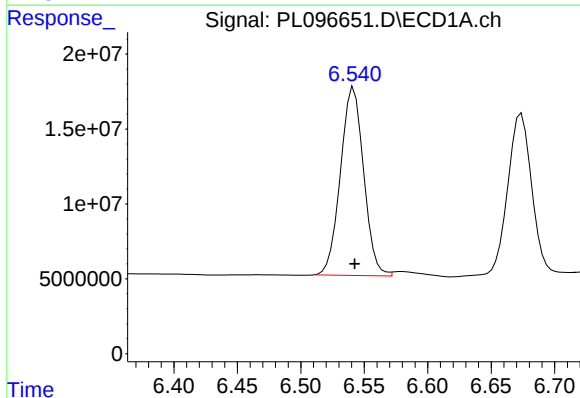
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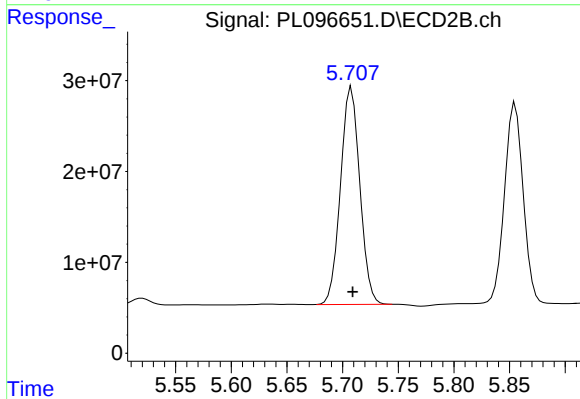
#13 Dieldrin

R.T.: 5.433 min
Delta R.T.: -0.001 min
Response: 322734101
Conc: 54.64 ng/ml



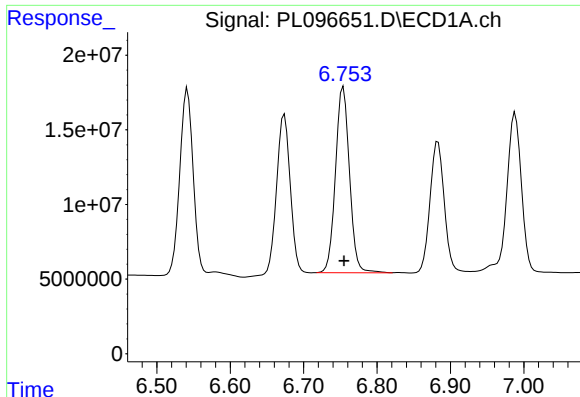
#14 Endrin

R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 159660518
Conc: 52.75 ng/ml



#14 Endrin

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 289399510
Conc: 53.53 ng/ml



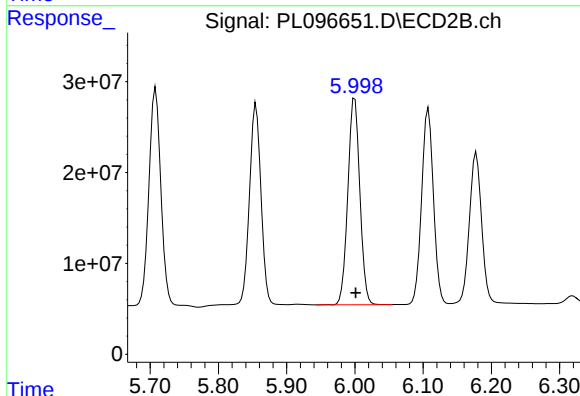
#15 Endosulfan II

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 165450235
Conc: 51.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

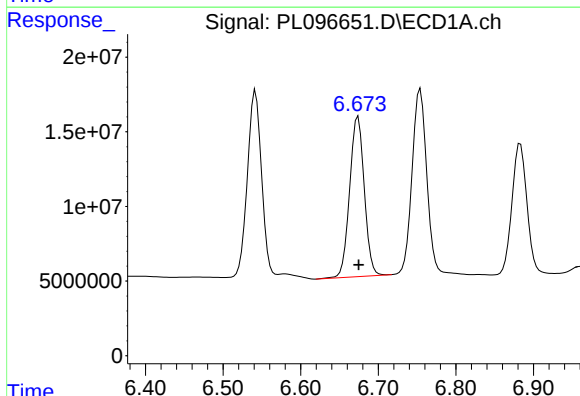
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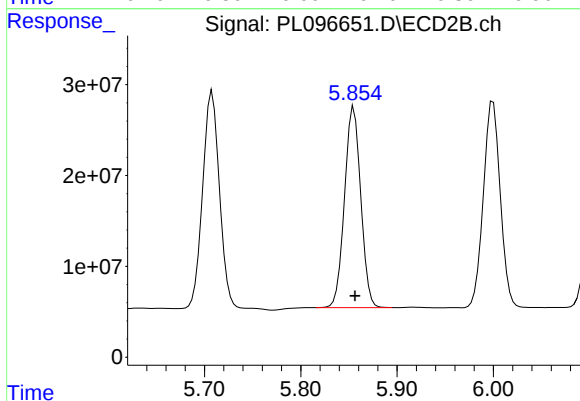
#15 Endosulfan II

R.T.: 6.000 min
Delta R.T.: -0.001 min
Response: 277842386
Conc: 54.09 ng/ml



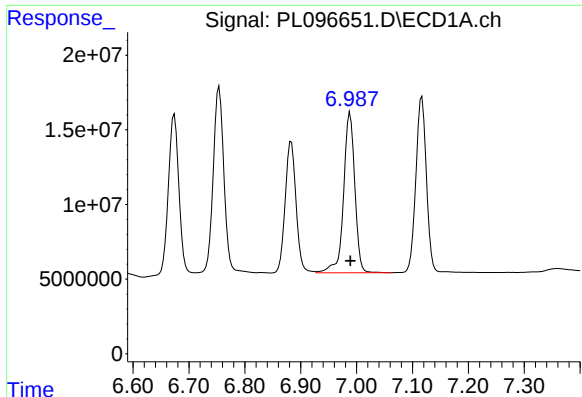
#16 4,4'-DDD

R.T.: 6.674 min
Delta R.T.: -0.001 min
Response: 140465618
Conc: 55.56 ng/ml



#16 4,4'-DDD

R.T.: 5.855 min
Delta R.T.: -0.001 min
Response: 257554541
Conc: 54.74 ng/ml



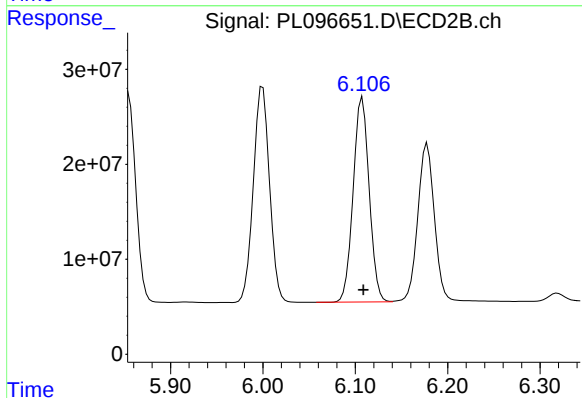
#17 4,4'-DDT

R.T.: 6.988 min
Delta R.T.: 0.000 min
Response: 150865664
Conc: 52.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

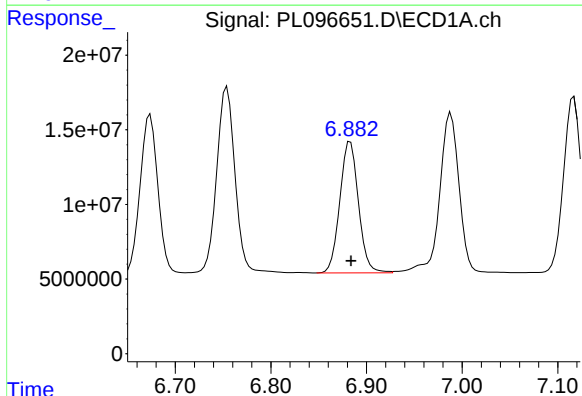
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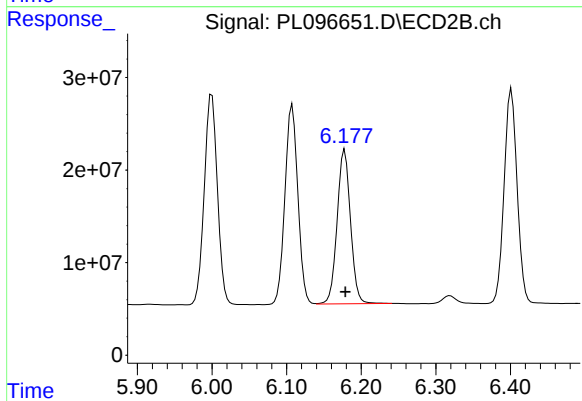
#17 4,4'-DDT

R.T.: 6.108 min
Delta R.T.: -0.001 min
Response: 259317892
Conc: 51.27 ng/ml



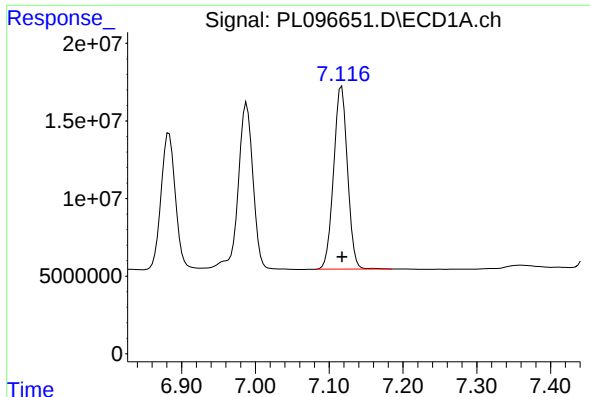
#18 Endrin aldehyde

R.T.: 6.883 min
Delta R.T.: 0.000 min
Response: 119557839
Conc: 55.71 ng/ml



#18 Endrin aldehyde

R.T.: 6.178 min
Delta R.T.: 0.000 min
Response: 207812920
Conc: 56.38 ng/ml



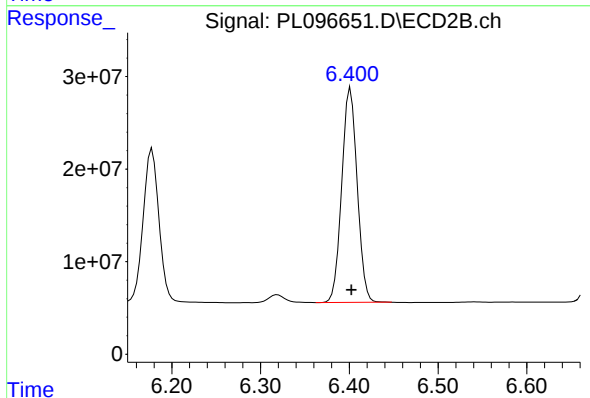
#19 Endosulfan Sulfate

R.T.: 7.117 min
Delta R.T.: 0.000 min
Response: 154045789
Conc: 53.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

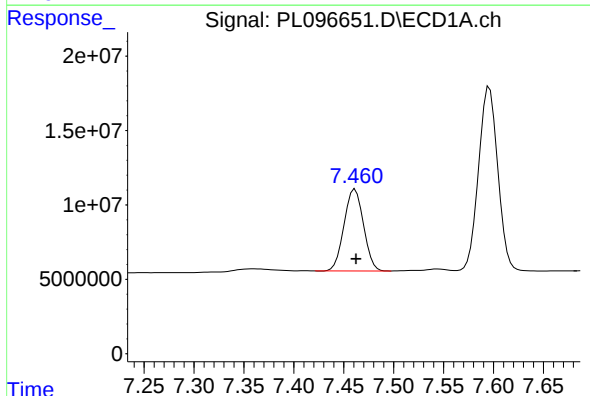
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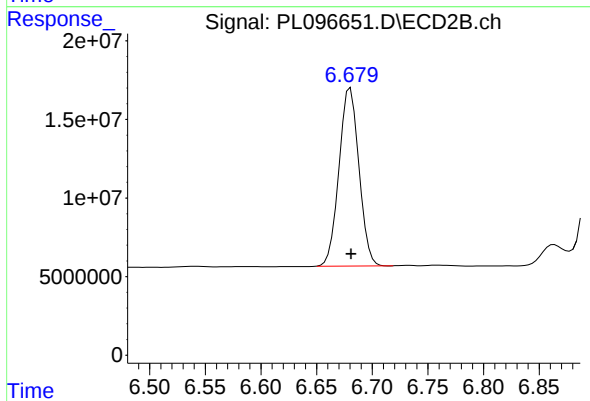
#19 Endosulfan Sulfate

R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 280488974
Conc: 55.15 ng/ml



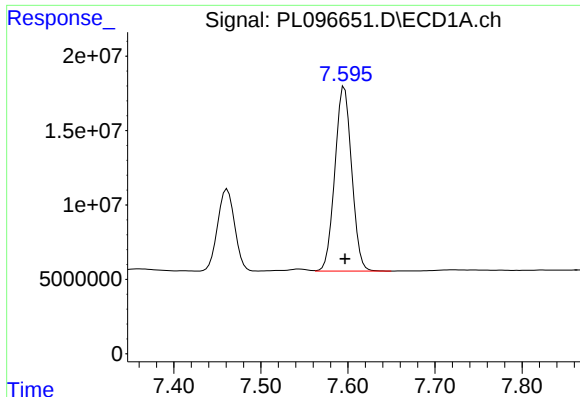
#20 Methoxychlor

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 74659109
Conc: 50.85 ng/ml



#20 Methoxychlor

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 141199170
Conc: 51.52 ng/ml



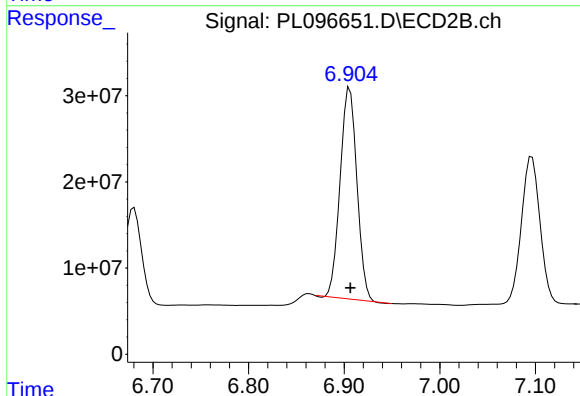
#21 Endrin ketone

R.T.: 7.596 min
Delta R.T.: 0.000 min
Response: 166293278
Conc: 55.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

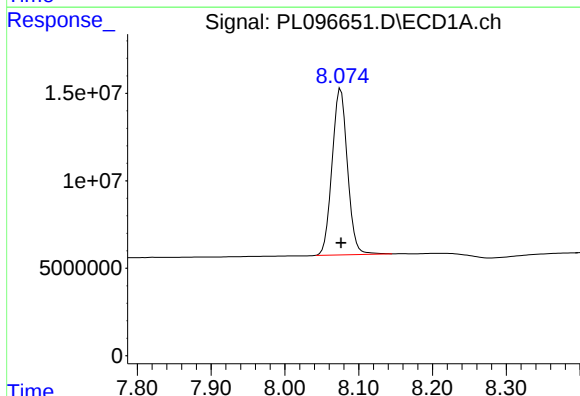
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/31/2025
Supervised By :mohammad ahmed 08/01/2025



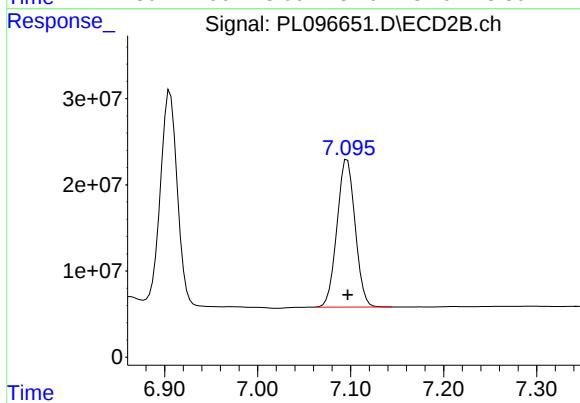
#21 Endrin ketone

R.T.: 6.906 min
Delta R.T.: 0.000 min
Response: 298596724
Conc: 53.61 ng/ml



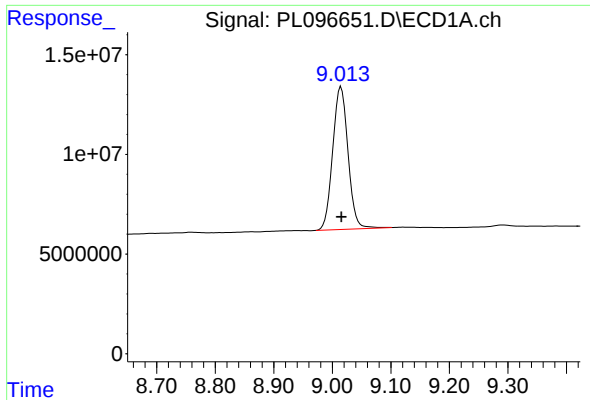
#22 Mirex

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 137540855
Conc: 55.47 ng/ml



#22 Mirex

R.T.: 7.096 min
Delta R.T.: 0.000 min
Response: 231715169
Conc: 53.14 ng/ml



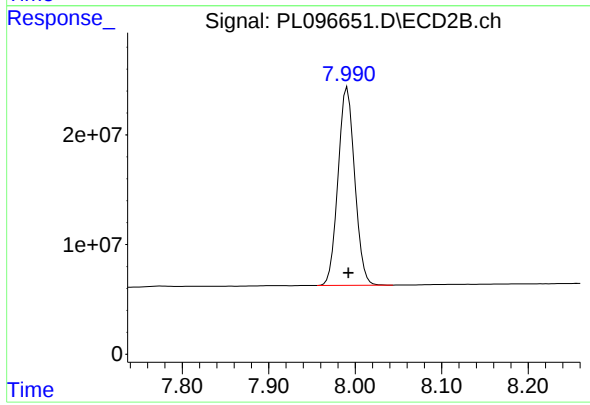
#28 Decachlorobiphenyl

R.T.: 9.015 min
Delta R.T.: 0.000 min
Response: 130318830
Conc: 54.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/31/2025
Supervised By :mohammad ahmed 08/01/2025



#28 Decachlorobiphenyl

R.T.: 7.991 min
Delta R.T.: -0.001 min
Response: 240269657
Conc: 55.38 ng/ml