

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041725\
 Data File : PL095270.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Apr 2025 09:46
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/18/2025
 Supervised By :mohammad ahmed 04/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 17 11:50:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 14 19:12:49 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...	3.536	2.769	158.5E6	209.3E6	57.769	56.239
28)	SA Decachlor...	9.050	7.898	136.8E6	258.6E6	56.812	58.792
Target Compounds							
2)	A alpha-BHC	3.992	3.270	195.0E6	266.2E6	48.524	48.072
3)	MA gamma-BHC...	4.326	3.600	188.8E6	251.9E6	49.088	47.868
4)	MA Heptachlor	4.913	3.937	185.1E6	261.1E6	50.495	50.225
5)	MB Aldrin	5.254	4.216	180.1E6	245.4E6	51.044	50.346
6)	B beta-BHC	4.525	3.901	85130217	110.6E6	48.555	47.742
7)	B delta-BHC	4.771	4.129	188.3E6	253.9E6	48.063	49.111
8)	B Heptachlo...	5.681	4.719	166.3E6	232.5E6	51.799	50.884
9)	A Endosulfan I	6.067	5.088	156.7E6	214.0E6	50.564	49.306
10)	B gamma-Chl...	5.937	4.968	169.4E6	245.3E6	50.720	50.928
11)	B alpha-Chl...	6.016	5.032	167.3E6	240.8E6	50.405	50.799
12)	B 4,4'-DDE	6.189	5.219	159.9E6	238.3E6	48.890	49.498m
13)	MA Dieldrin	6.341	5.352	165.6E6	248.9E6	50.247	51.852
14)	MA Endrin	6.569	5.628	138.9E6	221.9E6	53.284m	53.110
15)	B Endosulfa...	6.791	5.923	141.1E6	222.2E6	49.462	50.622
16)	A 4,4'-DDD	6.707	5.776	124.4E6	198.0E6	48.984	50.911
17)	MA 4,4'-DDT	7.021	6.025	124.6E6	209.7E6	48.946	50.336
18)	B Endrin al...	6.921	6.102	104.0E6	165.4E6	47.245	49.070
19)	B Endosulfa...	7.156	6.324	126.1E6	214.9E6	49.087	51.444
20)	A Methoxychlor	7.497	6.600	63822785	111.4E6	47.649	49.613
21)	B Endrin ke...	7.641	6.828	137.2E6	253.0E6	47.531	50.176m
22)	Mirex	8.113	7.008	104.5E6	196.4E6	49.116	49.962

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041725\
Data File : PL095270.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2025 09:46
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

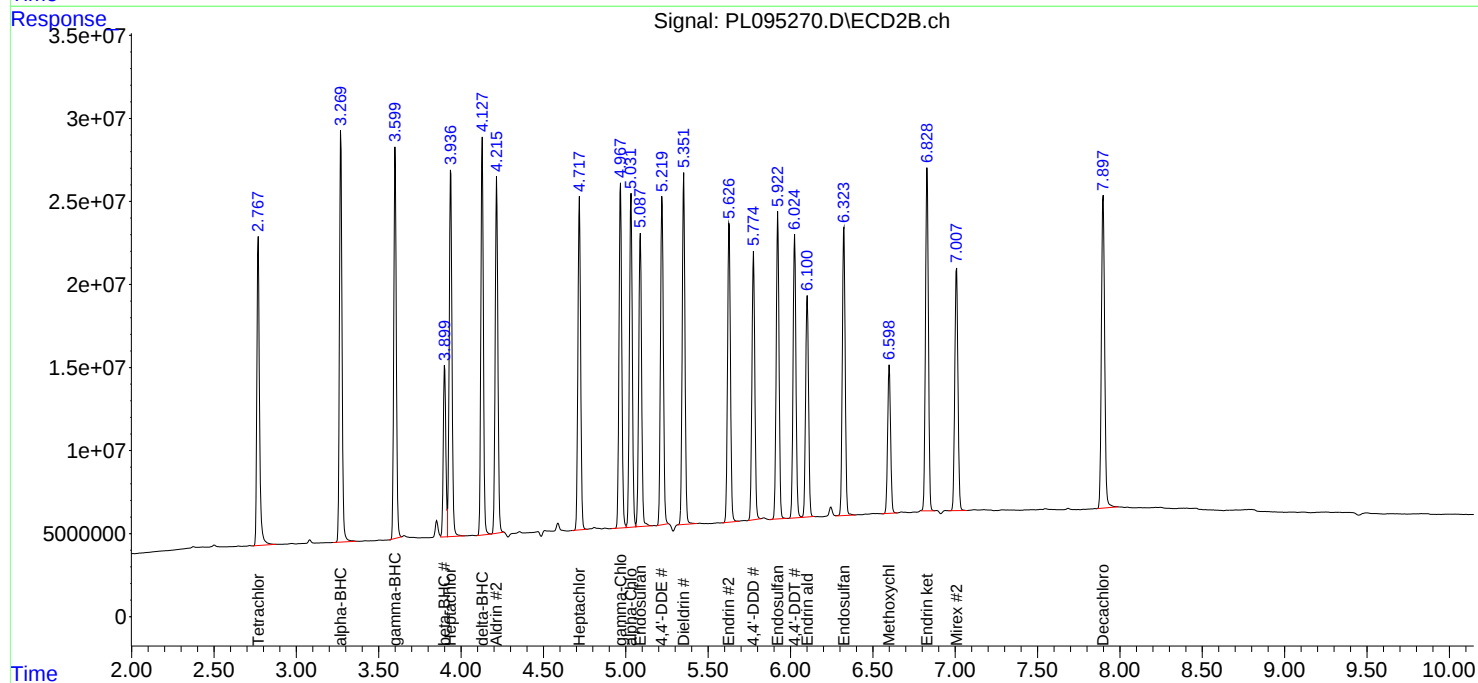
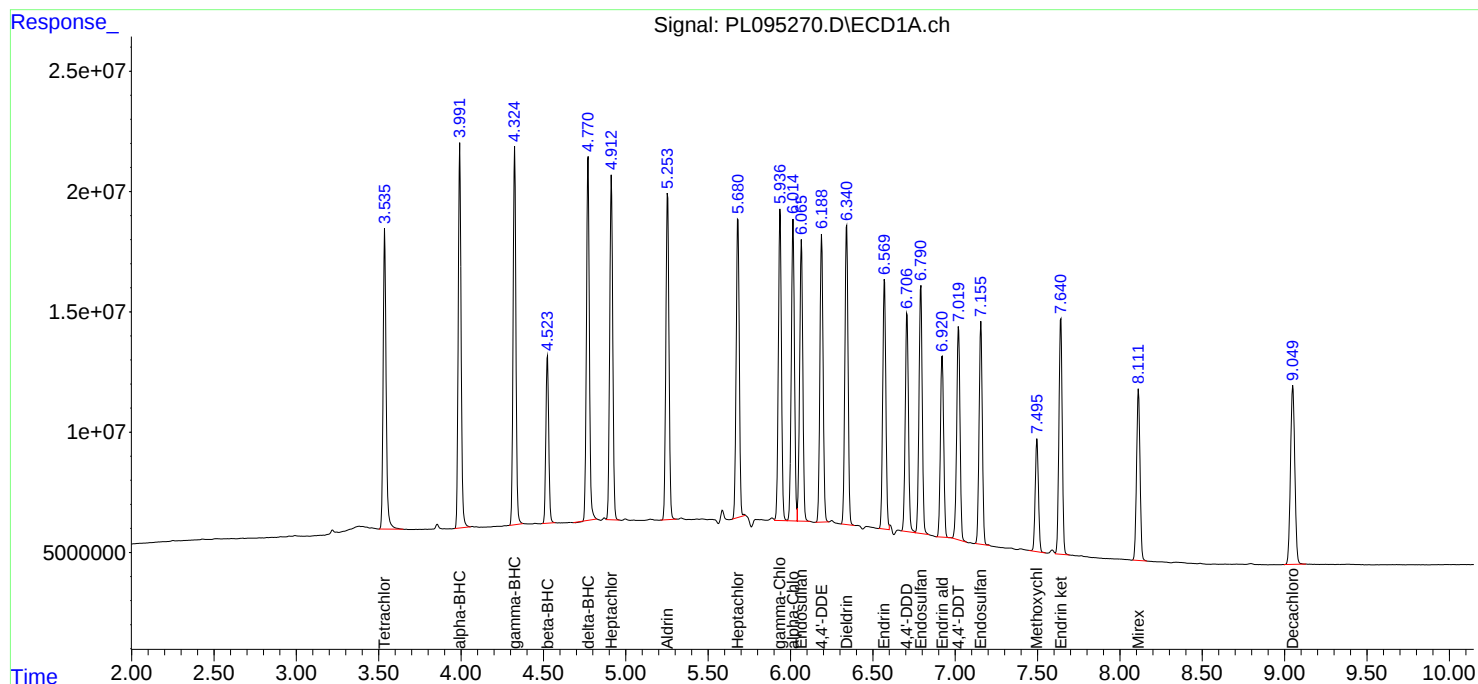
APPROVED

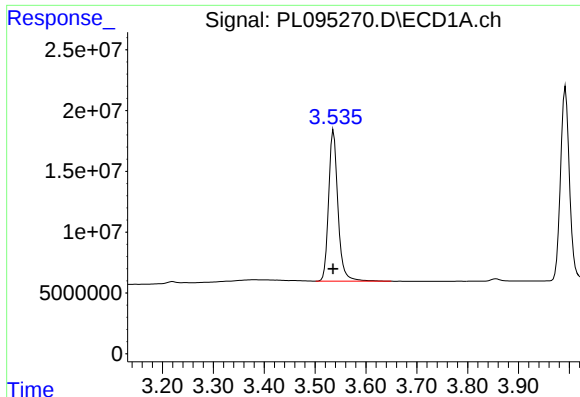
Reviewed By :Yogesh Patel 04/18/2025

Supervised By :mohammad ahmed 04/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 17 11:50:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 19:12:49 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





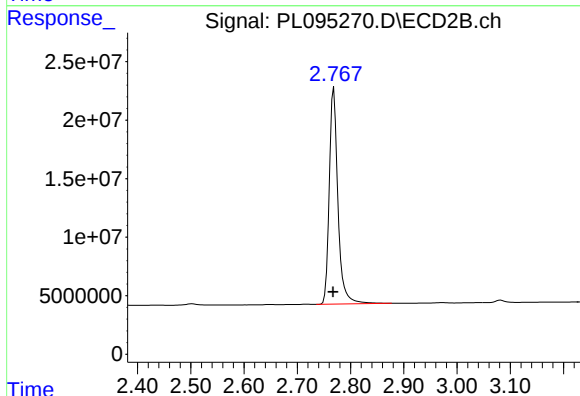
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: 0.001 min
Response: 158477641
Conc: 57.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

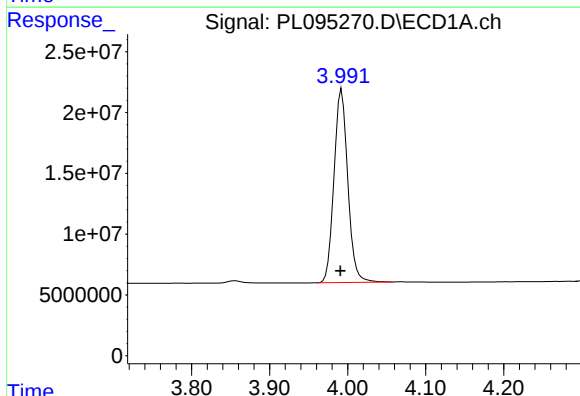
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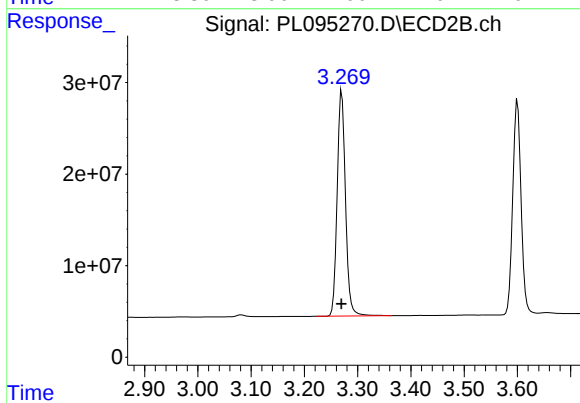
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: 0.001 min
Response: 209277099
Conc: 56.24 ng/ml



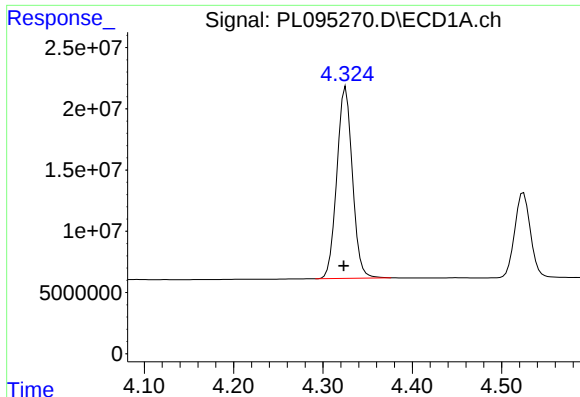
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: 0.002 min
Response: 195023712
Conc: 48.52 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 266196879
Conc: 48.07 ng/ml



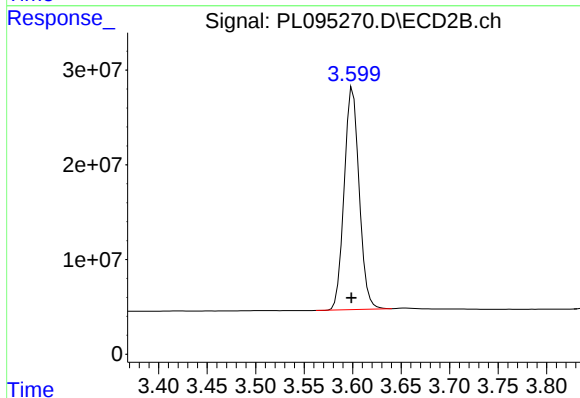
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.002 min
Response: 188771885
Conc: 49.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

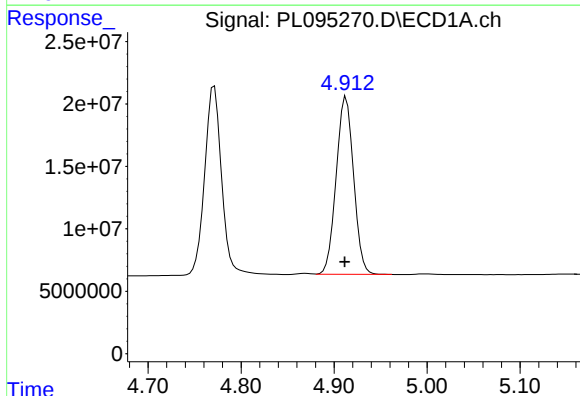
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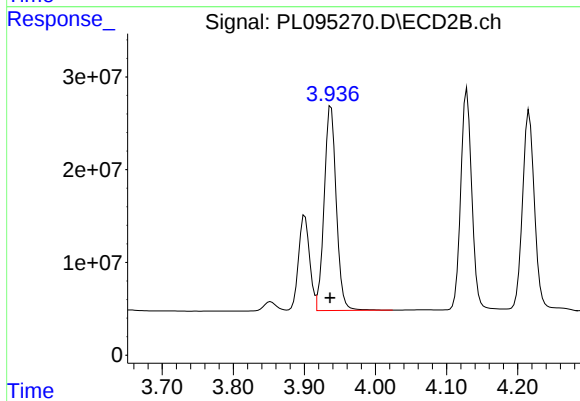
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: 0.002 min
Response: 251934350
Conc: 47.87 ng/ml



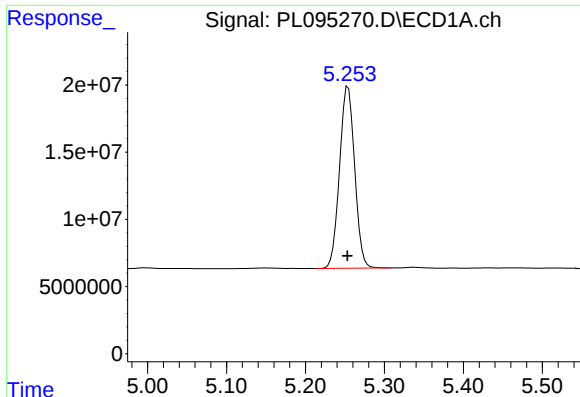
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: 0.002 min
Response: 185135829
Conc: 50.50 ng/ml



#4 Heptachlor

R.T.: 3.937 min
Delta R.T.: 0.001 min
Response: 261143069
Conc: 50.22 ng/ml



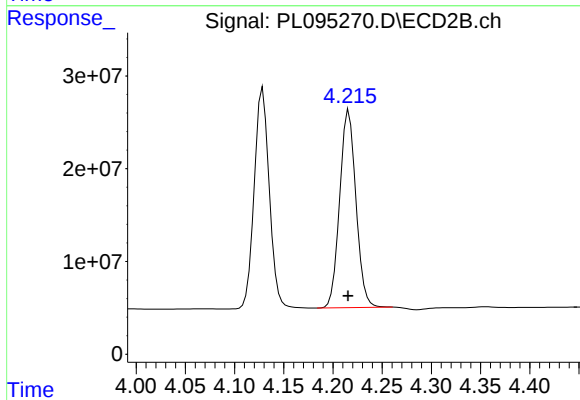
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: 0.001 min
Response: 180140402
Conc: 51.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

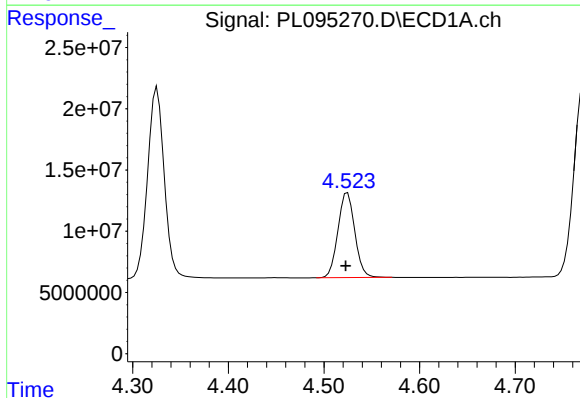
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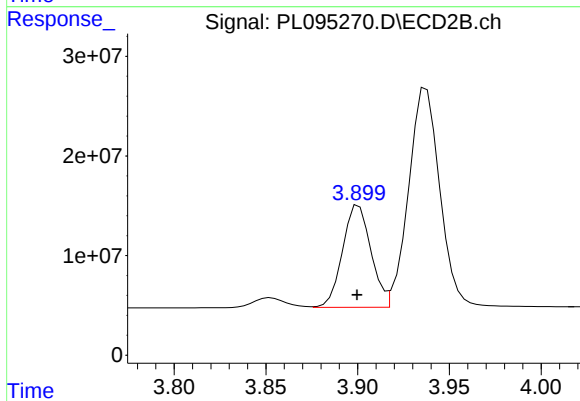
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: 0.000 min
Response: 245362246
Conc: 50.35 ng/ml



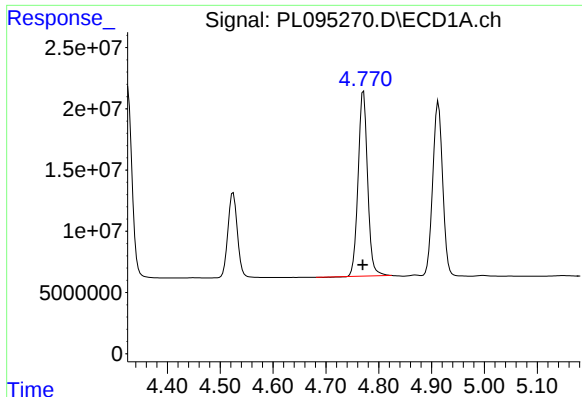
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.002 min
Response: 85130217
Conc: 48.55 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: 0.000 min
Response: 110624205
Conc: 47.74 ng/ml



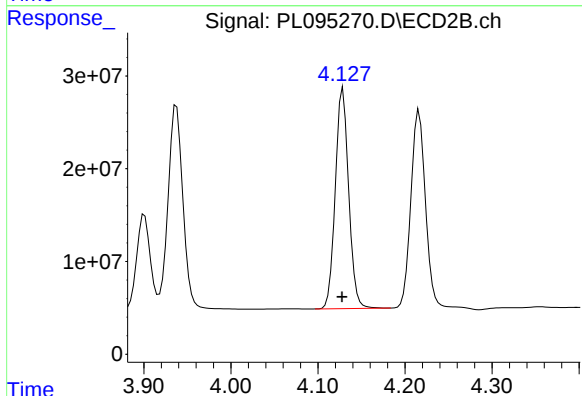
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: 0.002 min
Response: 188341551
Conc: 48.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

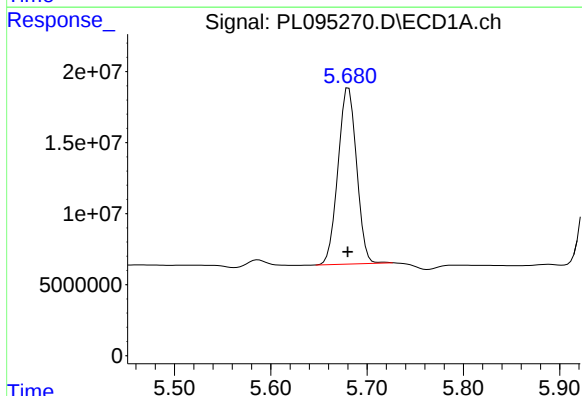
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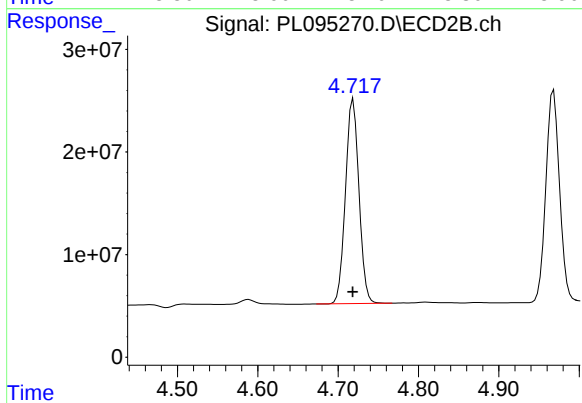
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: 0.001 min
Response: 253907054
Conc: 49.11 ng/ml



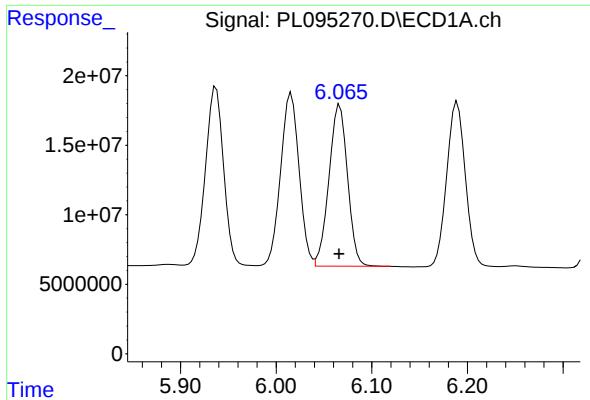
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 166316396
Conc: 51.80 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 232471923
Conc: 50.88 ng/ml



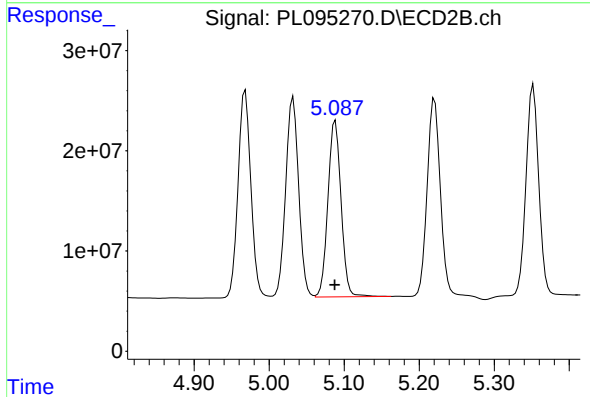
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 156667470
Conc: 50.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

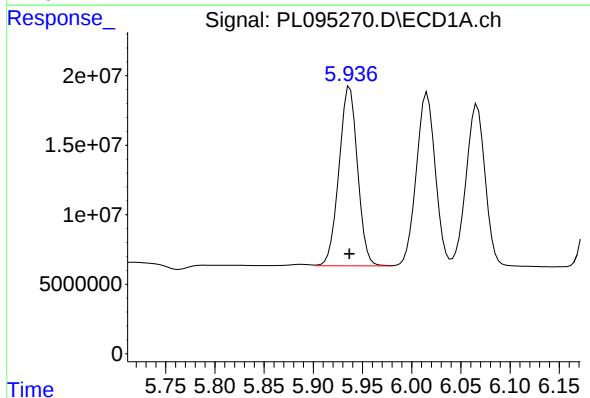
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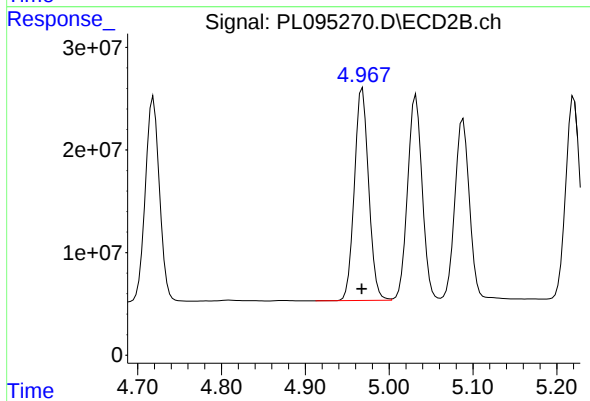
#9 Endosulfan I

R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 214033377
Conc: 49.31 ng/ml



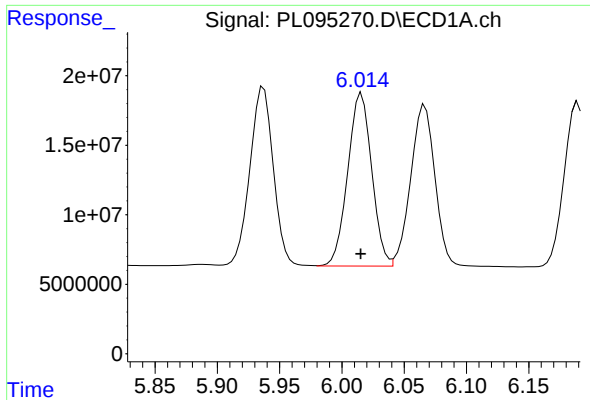
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 169427502
Conc: 50.72 ng/ml



#10 gamma-Chlordane

R.T.: 4.968 min
Delta R.T.: 0.000 min
Response: 245308742
Conc: 50.93 ng/ml



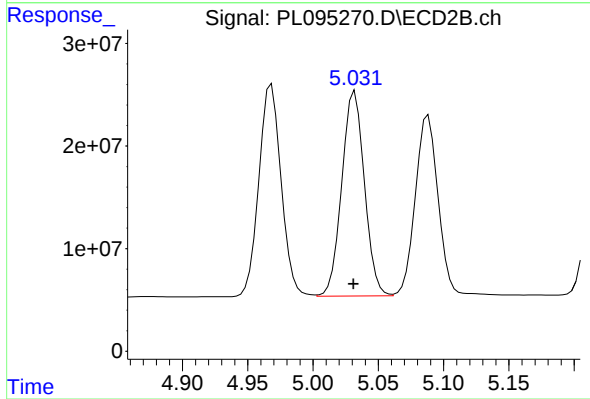
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 167317454
Conc: 50.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

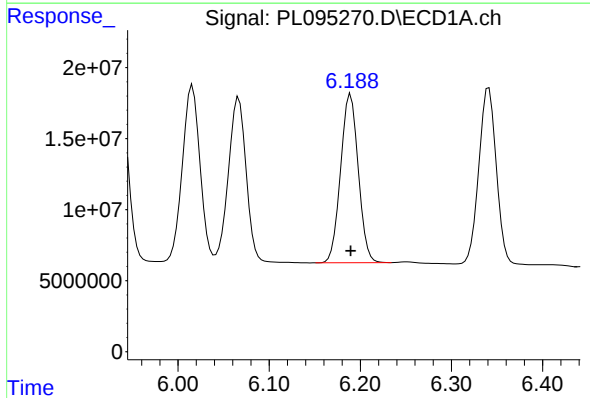
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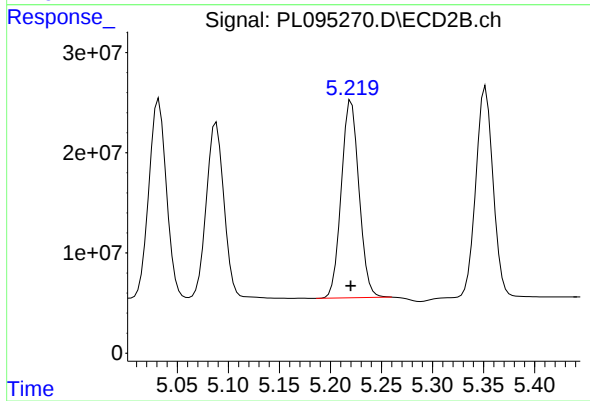
#11 alpha-Chlordane

R.T.: 5.032 min
Delta R.T.: 0.000 min
Response: 240766651
Conc: 50.80 ng/ml



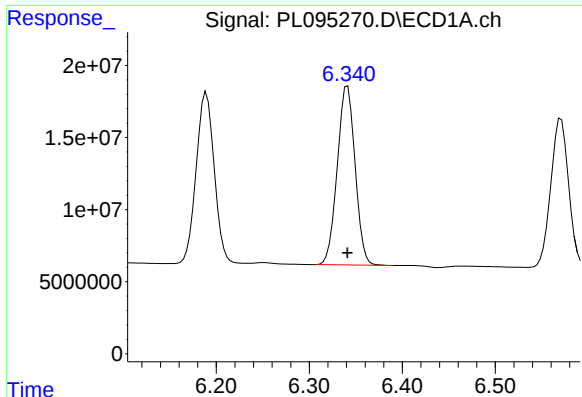
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 159861647
Conc: 48.89 ng/ml



#12 4,4'-DDE

R.T.: 5.219 min
Delta R.T.: 0.000 min
Response: 238321263
Conc: 49.50 ng/ml m



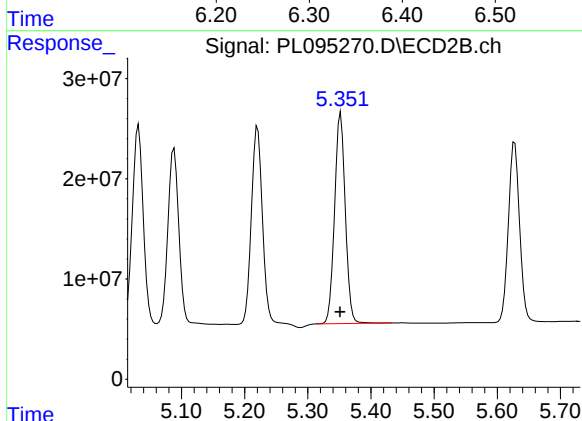
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 165569776
Conc: 50.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

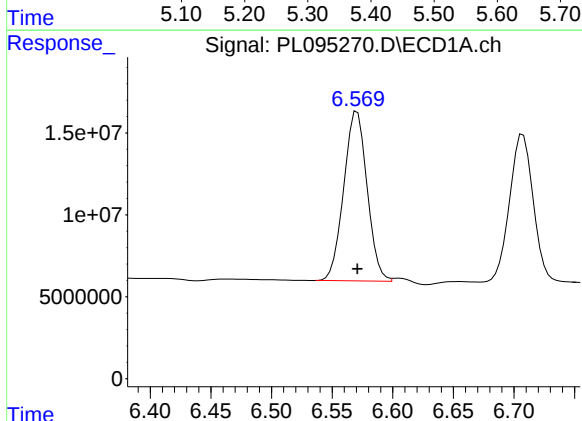
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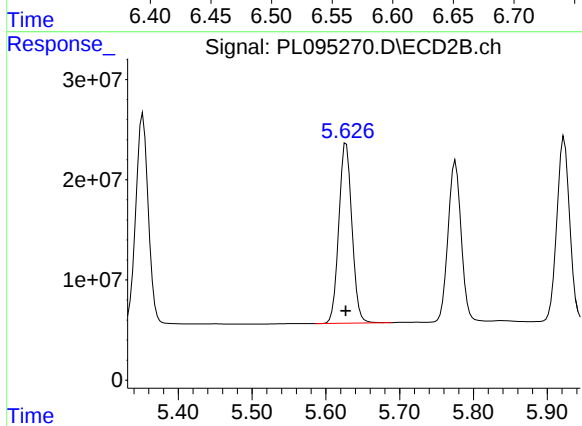
#13 Dieldrin

R.T.: 5.352 min
Delta R.T.: 0.000 min
Response: 248892122
Conc: 51.85 ng/ml



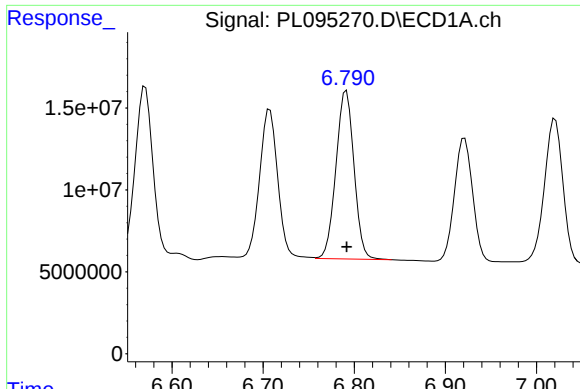
#14 Endrin

R.T.: 6.569 min
Delta R.T.: -0.002 min
Response: 138865453
Conc: 53.28 ng/ml m



#14 Endrin

R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 221861416
Conc: 53.11 ng/ml



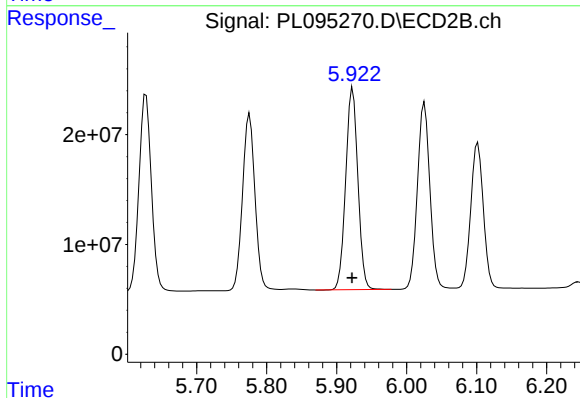
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: 0.000 min
Response: 141081751
Conc: 49.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

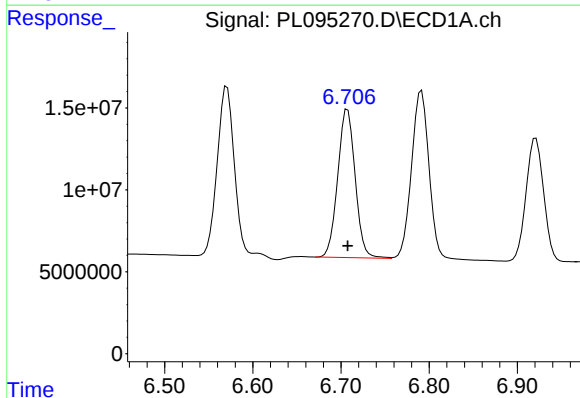
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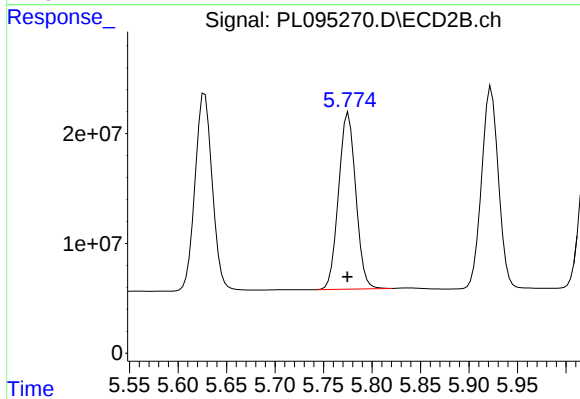
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 222247723
Conc: 50.62 ng/ml



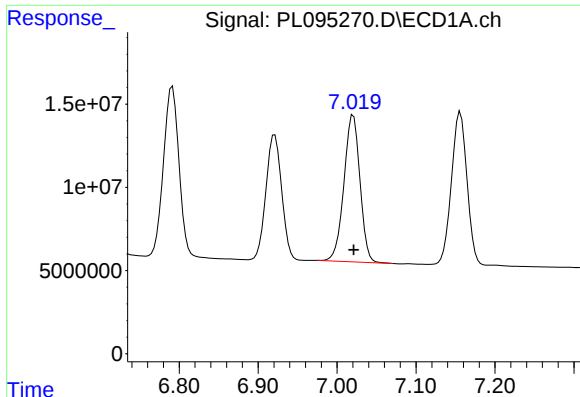
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 124375080
Conc: 48.98 ng/ml



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: 0.000 min
Response: 198041948
Conc: 50.91 ng/ml



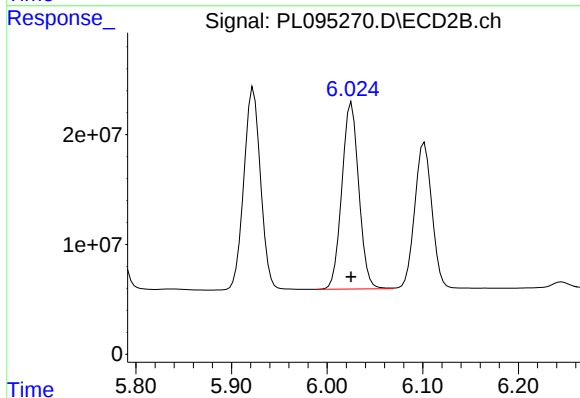
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 124593343
Conc: 48.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

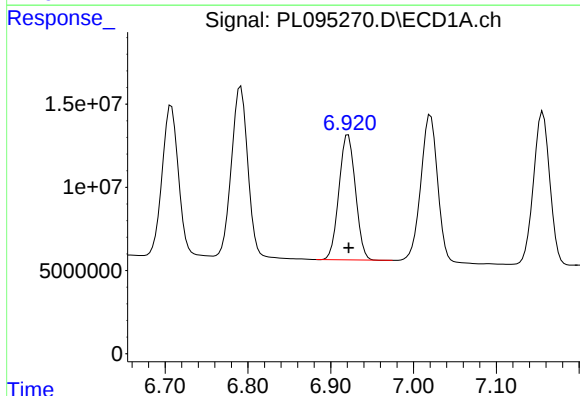
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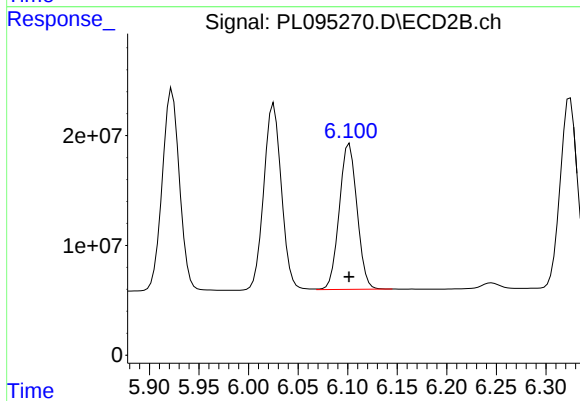
#17 4,4'-DDT

R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 209698707
Conc: 50.34 ng/ml



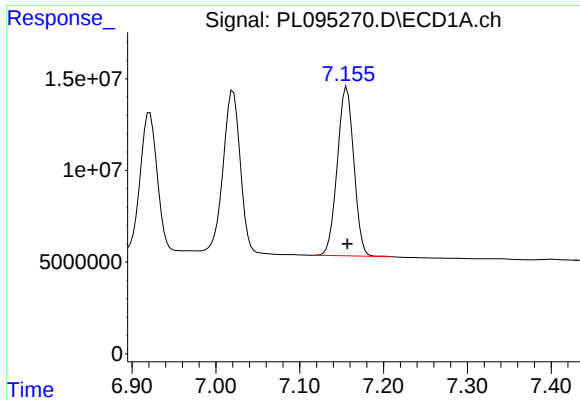
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: 0.000 min
Response: 103990535
Conc: 47.25 ng/ml



#18 Endrin aldehyde

R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 165358870
Conc: 49.07 ng/ml



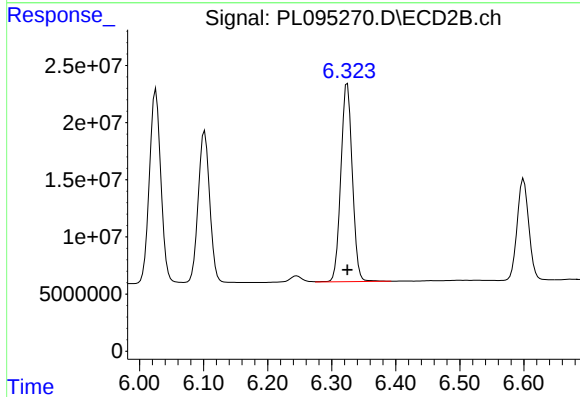
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: 0.000 min
Response: 126133989
Conc: 49.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

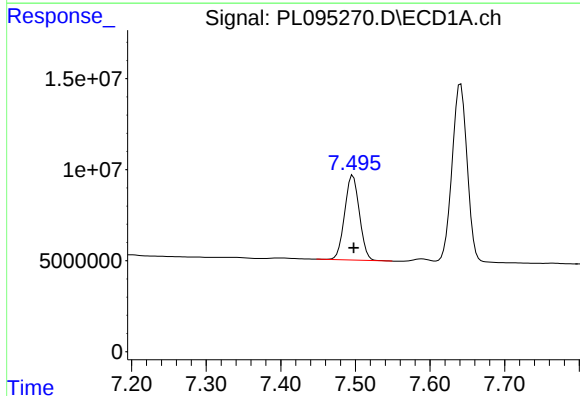
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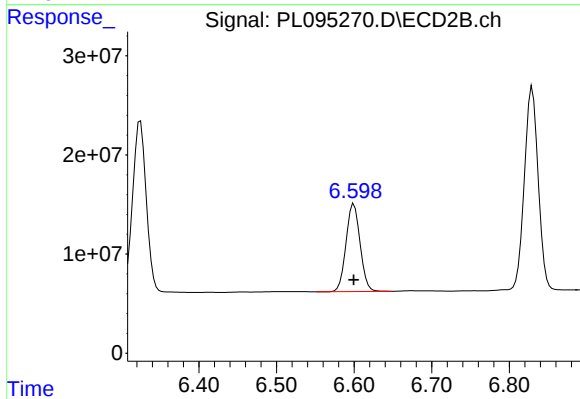
#19 Endosulfan Sulfate

R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 214854882
Conc: 51.44 ng/ml



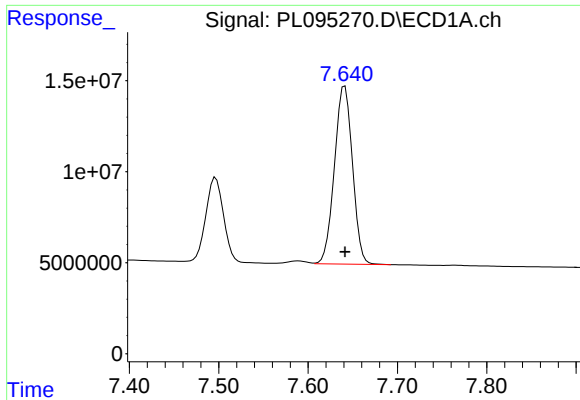
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: -0.001 min
Response: 63822785
Conc: 47.65 ng/ml



#20 Methoxychlor

R.T.: 6.600 min
Delta R.T.: 0.000 min
Response: 111415835
Conc: 49.61 ng/ml



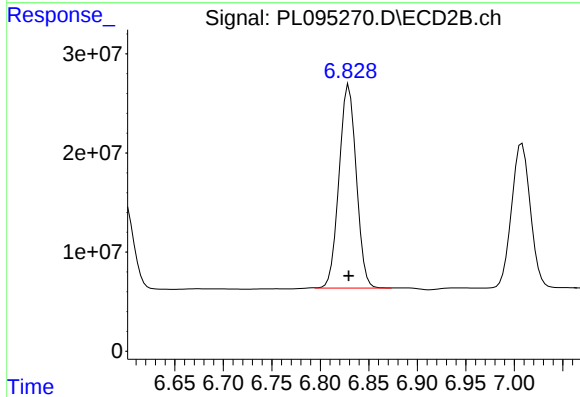
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: 0.000 min
Response: 137207002
Conc: 47.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

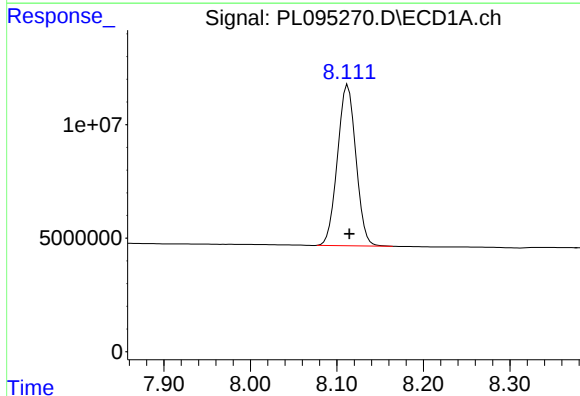
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/18/2025
Supervised By :mohammad ahmed 04/18/2025



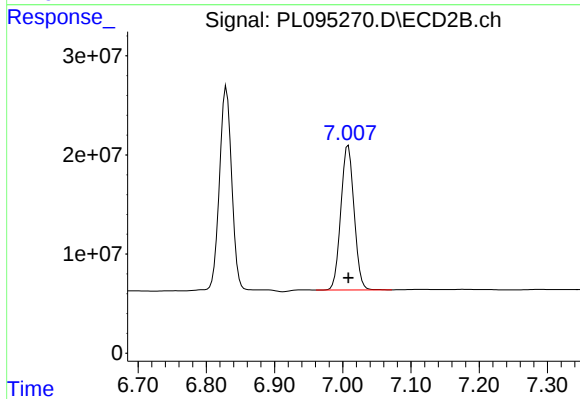
#21 Endrin ketone

R.T.: 6.828 min
Delta R.T.: -0.001 min
Response: 252994592
Conc: 50.18 ng/ml m



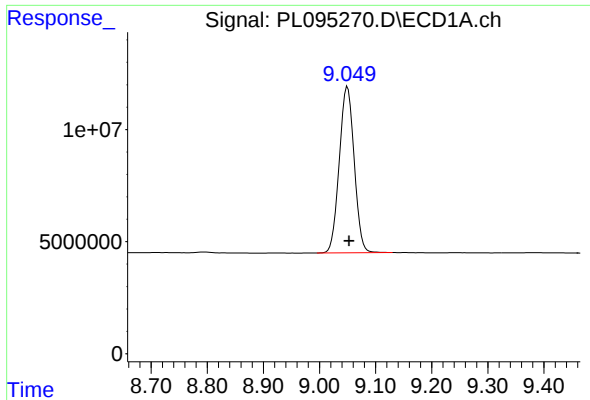
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.002 min
Response: 104481009
Conc: 49.12 ng/ml



#22 Mirex

R.T.: 7.008 min
Delta R.T.: 0.000 min
Response: 196440674
Conc: 49.96 ng/ml



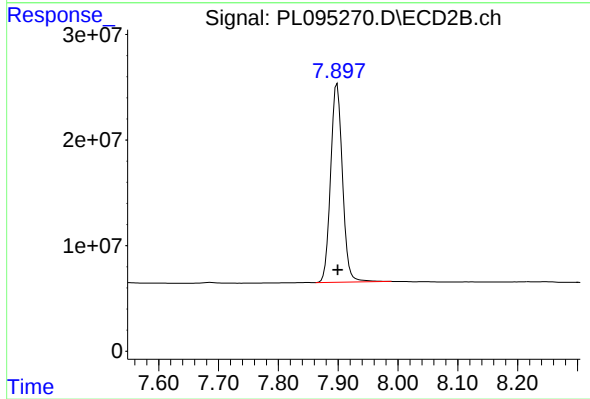
#28 Decachlorobiphenyl

R.T.: 9.050 min
Delta R.T.: -0.003 min
Response: 136785788
Conc: 56.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/18/2025
Supervised By :mohammad ahmed 04/18/2025



#28 Decachlorobiphenyl

R.T.: 7.898 min
Delta R.T.: -0.001 min
Response: 258631674
Conc: 58.79 ng/ml