

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041725\
 Data File : PL095273.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Apr 2025 10:38
 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 11:51:22 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	2.768	154.6E6	202.8E6	56.372	54.509
28)	SA Decachlor...	9.049	7.898	133.2E6	254.4E6	55.331	57.831
Target Compounds							
2)	A alpha-BHC	3.992	3.270	189.5E6	259.3E6	47.144	46.826
3)	MA gamma-BHC...	4.324	3.599	182.8E6	244.9E6	47.527	46.523
4)	MA Heptachlor	4.911	3.936	180.0E6	254.2E6	49.101	48.885
5)	MB Aldrin	5.253	4.216	174.9E6	238.5E6	49.549	48.932
6)	B beta-BHC	4.524	3.899	83734392	107.1E6	47.759	46.228
7)	B delta-BHC	4.770	4.128	184.1E6	246.8E6	46.983	47.735
8)	B Heptachlo...	5.680	4.717	162.0E6	226.7E6	50.454	49.617
9)	A Endosulfan I	6.065	5.087	153.2E6	210.1E6	49.443	48.402
10)	B gamma-Chl...	5.936	4.967	165.1E6	238.8E6	49.438	49.581
11)	B alpha-Chl...	6.015	5.030	162.7E6	234.9E6	49.027	49.562
12)	B 4,4'-DDE	6.189	5.218	155.6E6	233.7E6	47.585	48.543m
13)	MA Dieldrin	6.340	5.350	161.5E6	241.6E6	49.010	50.326
14)	MA Endrin	6.569	5.626	134.7E6	216.5E6	51.703m	51.826
15)	B Endosulfa...	6.791	5.922	138.6E6	215.9E6	48.608	49.177
16)	A 4,4'-DDD	6.706	5.774	121.3E6	193.5E6	47.791	49.732
17)	MA 4,4'-DDT	7.020	6.024	122.9E6	204.4E6	48.265	49.053
18)	B Endrin al...	6.920	6.101	103.2E6	161.7E6	46.897	47.974
19)	B Endosulfa...	7.155	6.323	122.5E6	209.3E6	47.654	50.115
20)	A Methoxychlor	7.497	6.599	62795372	109.6E6	46.882	48.816
21)	B Endrin ke...	7.641	6.827	135.2E6	247.7E6	46.840	49.117m
22)	Mirex	8.113	7.007	102.6E6	192.7E6	48.255	49.008

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041725\
Data File : PL095273.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2025 10:38
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

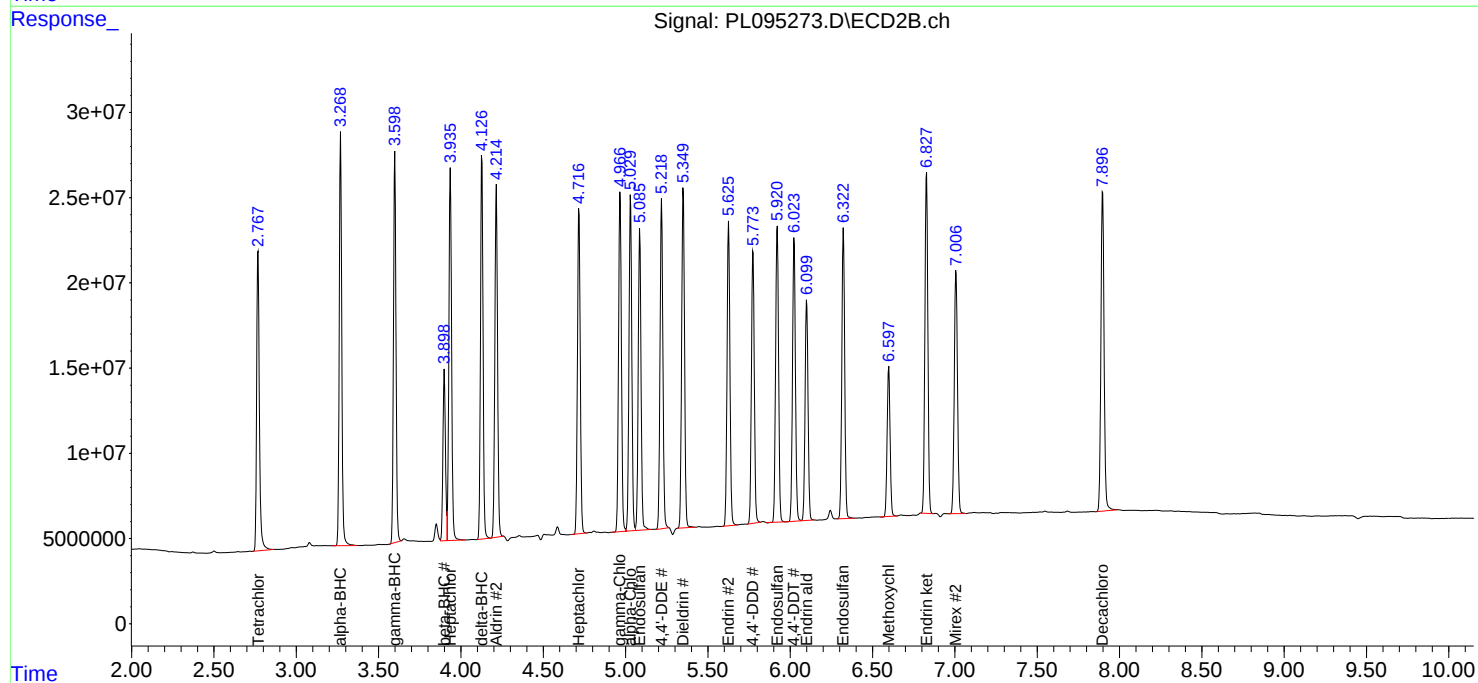
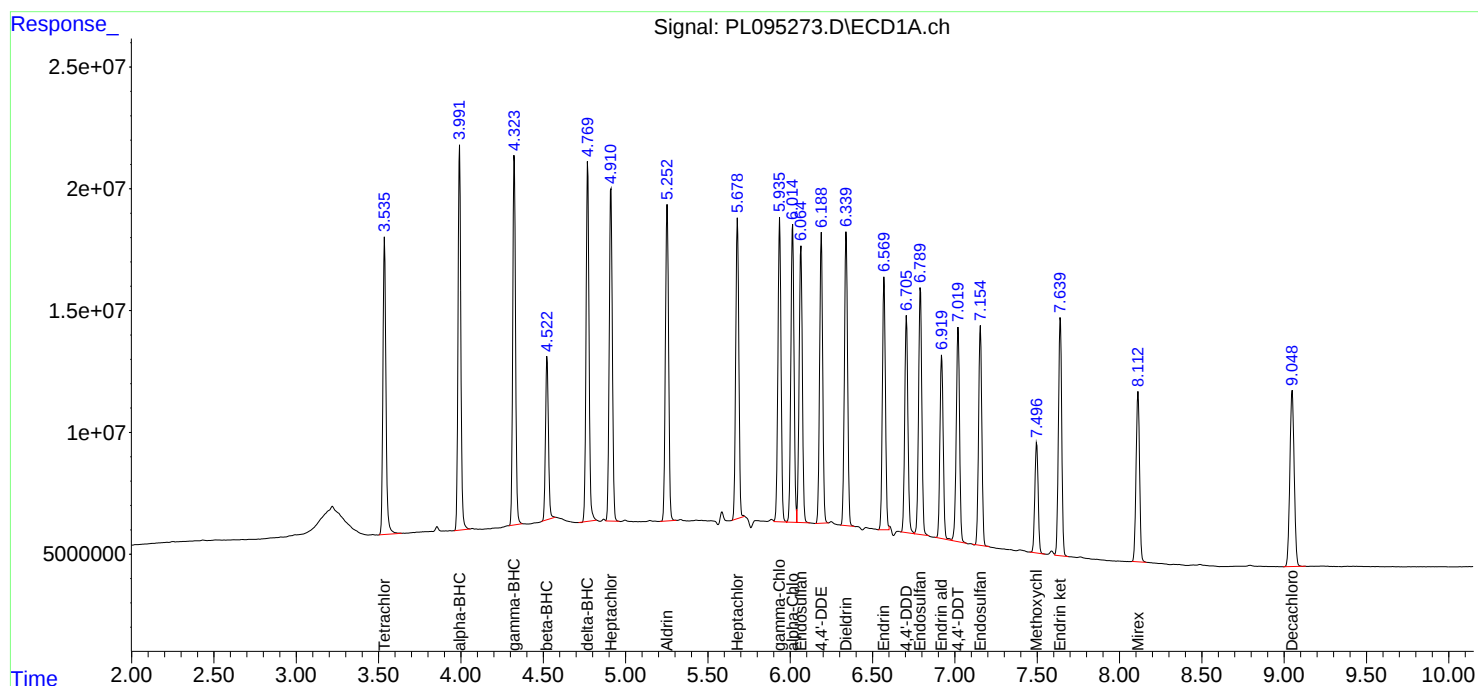
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

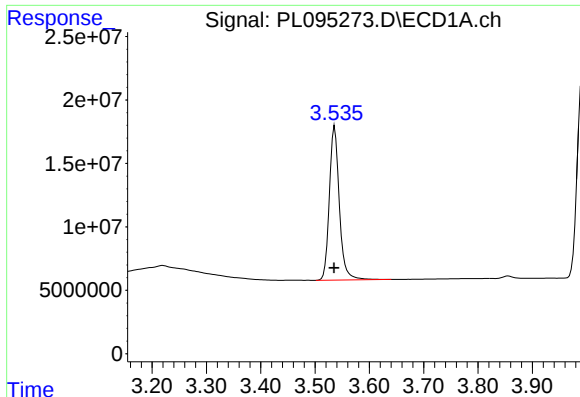
Manual Integrations
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Supervised By :mohammad ahmed 04/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 17 11:51:22 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
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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





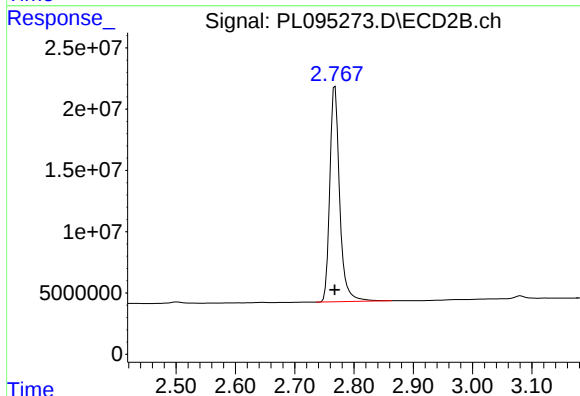
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: 0.001 min
Response: 154645682
Conc: 56.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

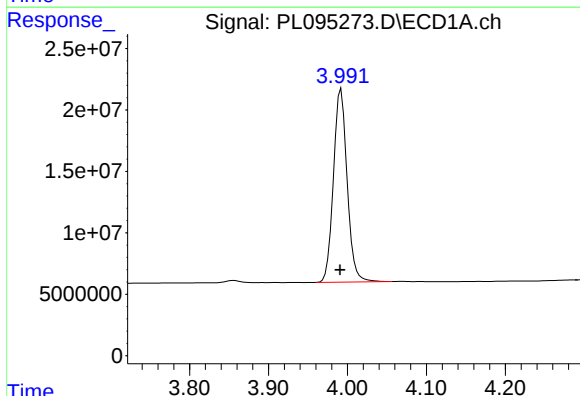
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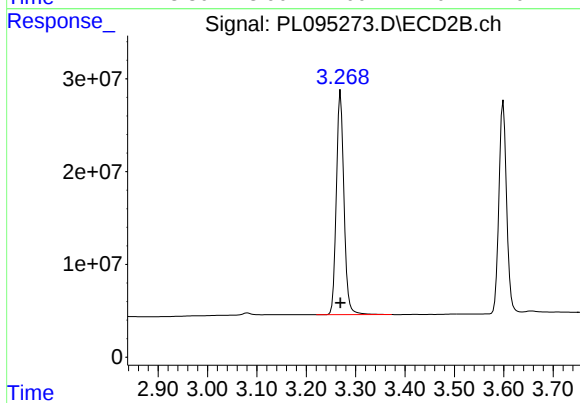
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 202840284
Conc: 54.51 ng/ml



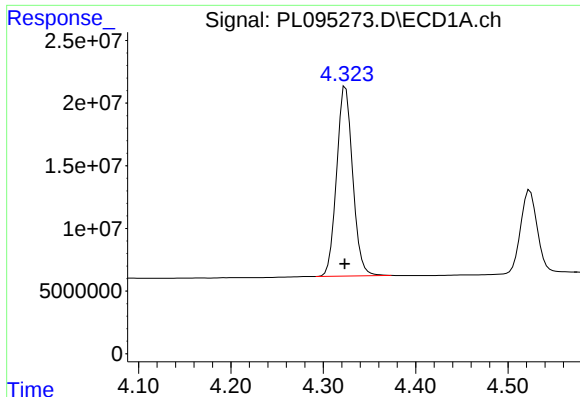
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: 0.001 min
Response: 189477916
Conc: 47.14 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 259296260
Conc: 46.83 ng/ml



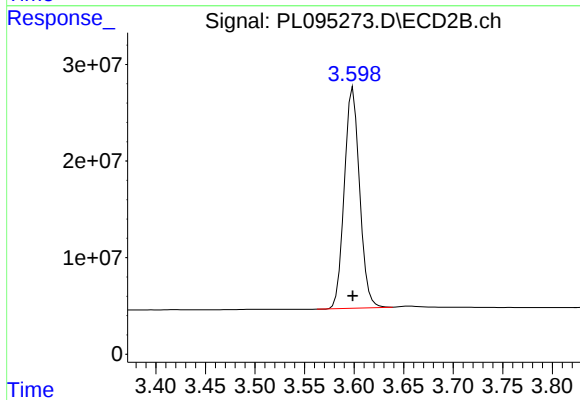
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: 0.001 min
Response: 182768204
Conc: 47.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

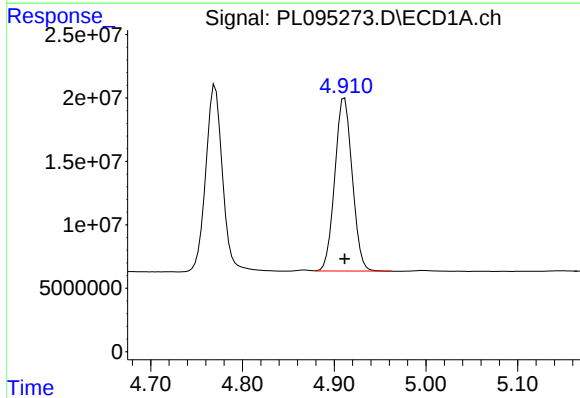
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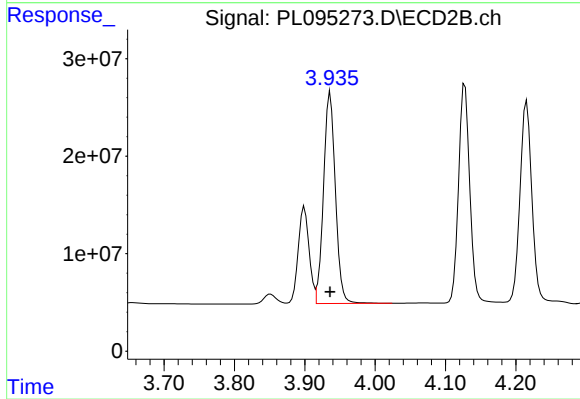
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 244857660
Conc: 46.52 ng/ml



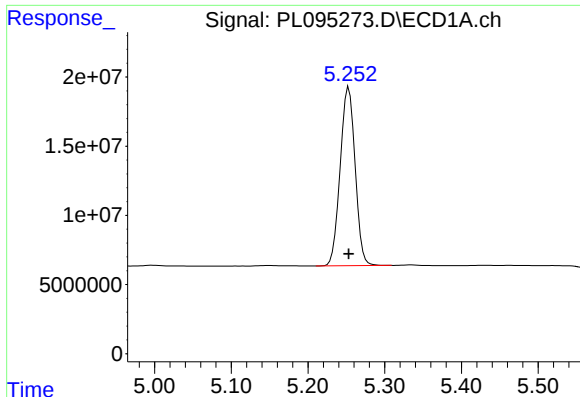
#4 Heptachlor

R.T.: 4.911 min
Delta R.T.: 0.000 min
Response: 180025722
Conc: 49.10 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: 0.000 min
Response: 254173974
Conc: 48.88 ng/ml



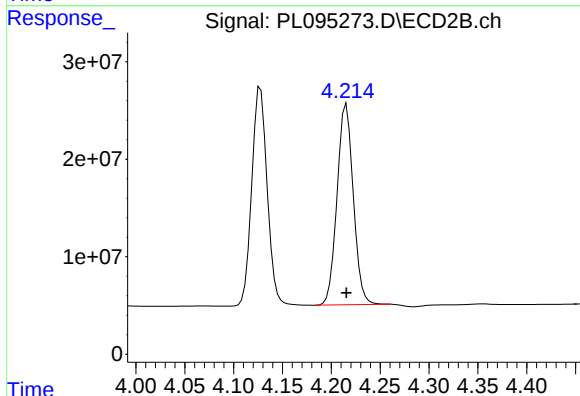
#5 Aldrin

R.T.: 5.253 min
Delta R.T.: 0.000 min
Response: 174865040
Conc: 49.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

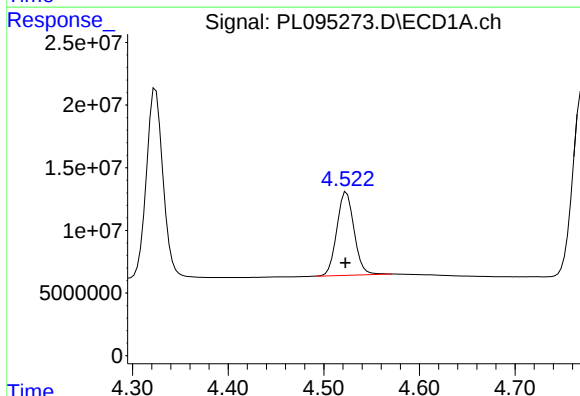
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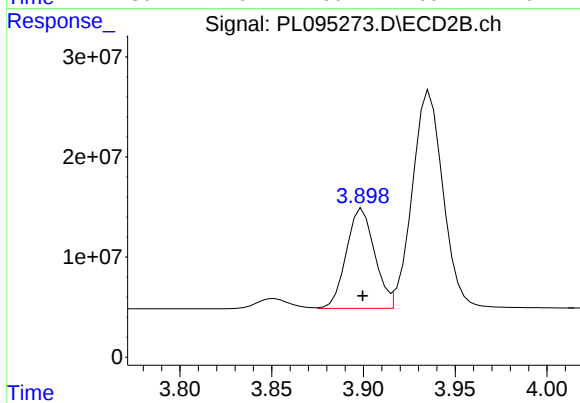
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: 0.000 min
Response: 238470791
Conc: 48.93 ng/ml



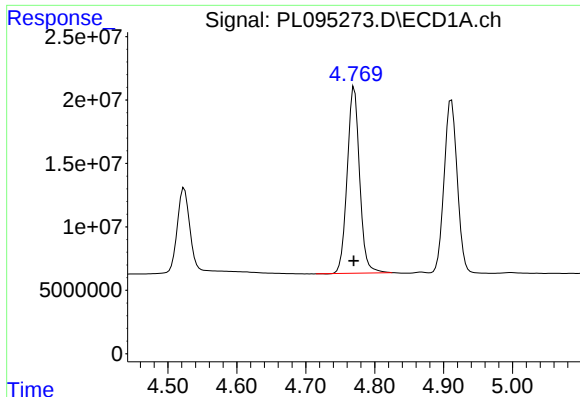
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 83734392
Conc: 47.76 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: 0.000 min
Response: 107117174
Conc: 46.23 ng/ml



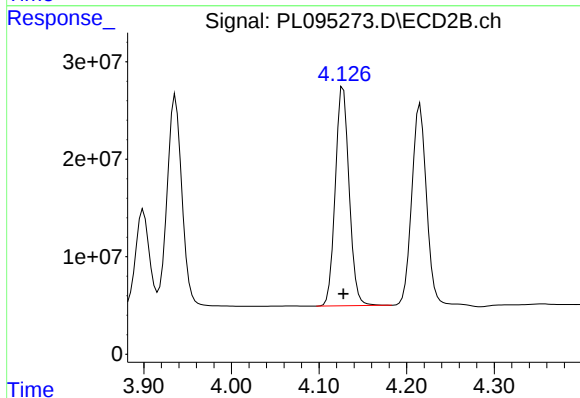
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 184107939
Conc: 46.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

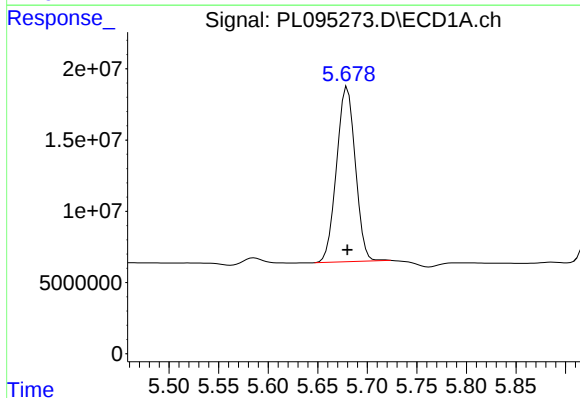
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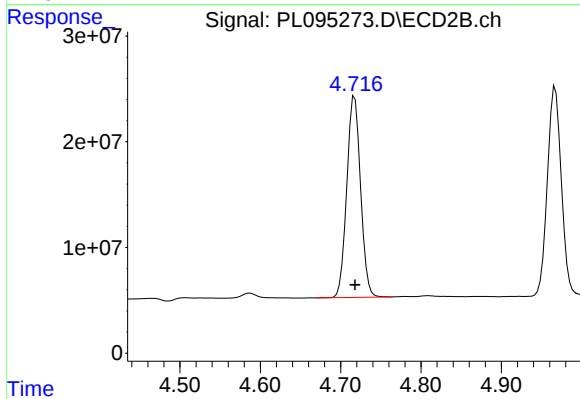
#7 delta-BHC

R.T.: 4.128 min
Delta R.T.: 0.000 min
Response: 246794139
Conc: 47.74 ng/ml



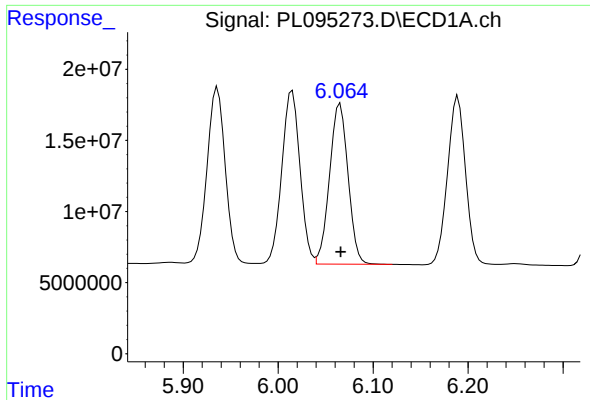
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: 0.000 min
Response: 161995289
Conc: 50.45 ng/ml



#8 Heptachlor epoxide

R.T.: 4.717 min
Delta R.T.: 0.000 min
Response: 226685921
Conc: 49.62 ng/ml



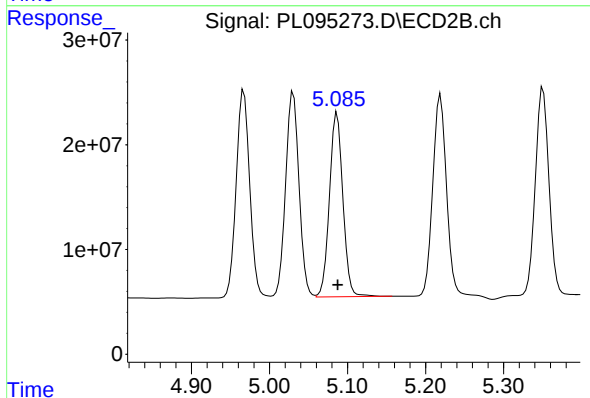
#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: 0.000 min
Response: 153193968
Conc: 49.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

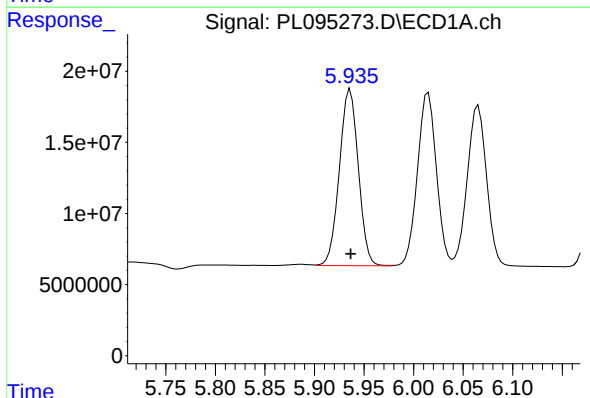
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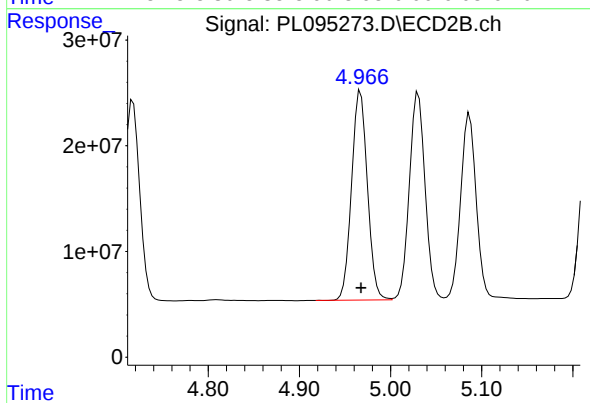
#9 Endosulfan I

R.T.: 5.087 min
Delta R.T.: 0.000 min
Response: 210107582
Conc: 48.40 ng/ml



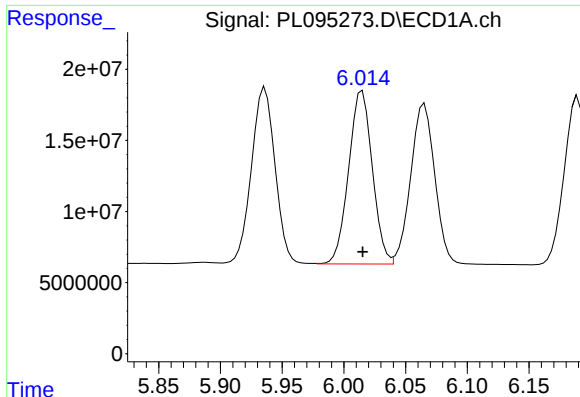
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 165145345
Conc: 49.44 ng/ml



#10 gamma-Chlordane

R.T.: 4.967 min
Delta R.T.: 0.000 min
Response: 238818440
Conc: 49.58 ng/ml



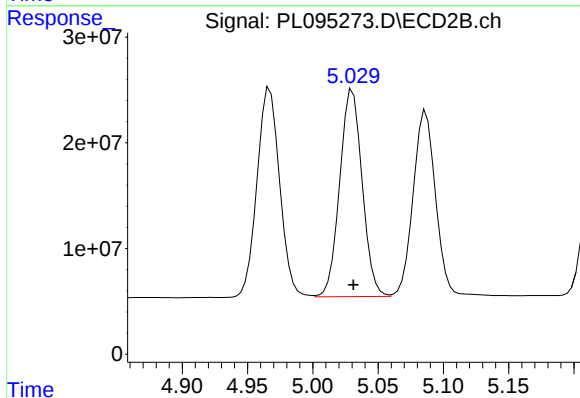
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: 0.000 min
Response: 162744046
Conc: 49.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

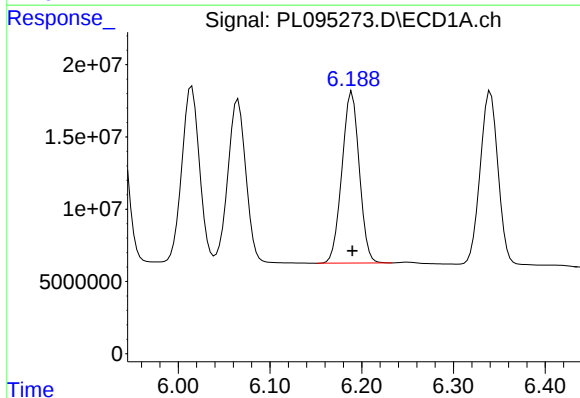
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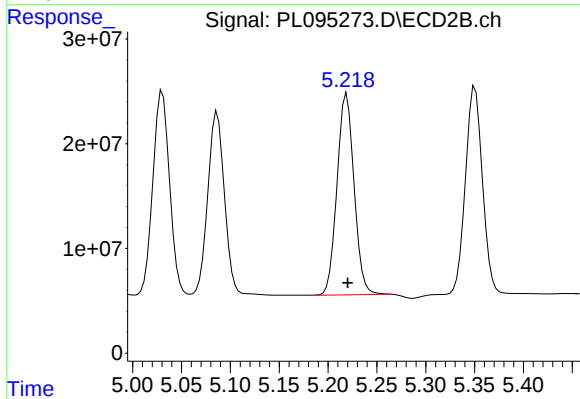
#11 alpha-Chlordane

R.T.: 5.030 min
Delta R.T.: 0.000 min
Response: 234904660
Conc: 49.56 ng/ml



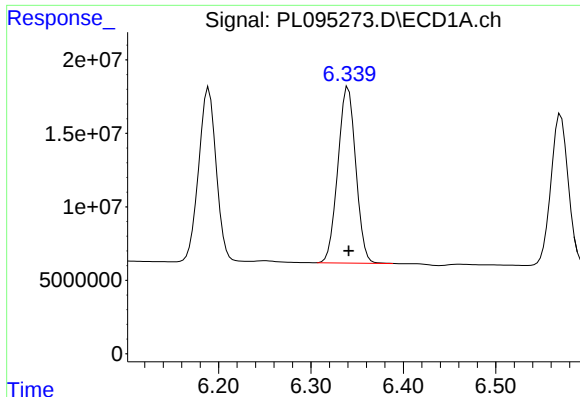
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 155595101
Conc: 47.58 ng/ml



#12 4,4'-DDE

R.T.: 5.218 min
Delta R.T.: -0.002 min
Response: 233722422
Conc: 48.54 ng/ml m



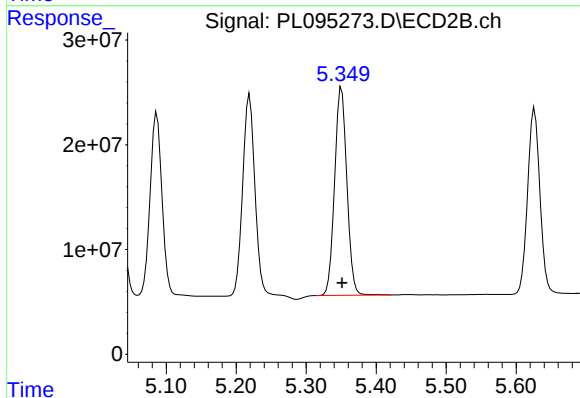
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 161493300
Conc: 49.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

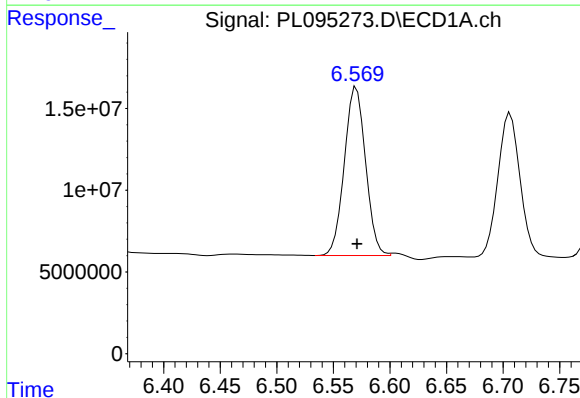
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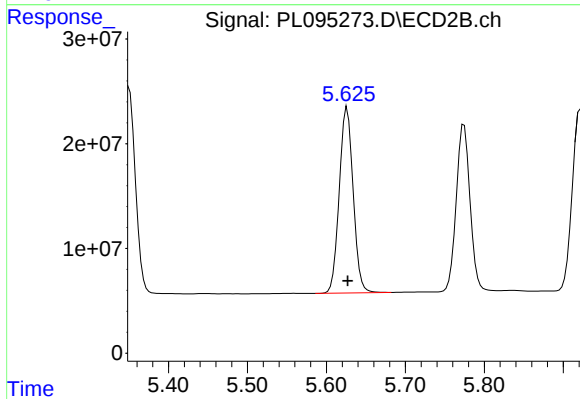
#13 Dieldrin

R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 241567859
Conc: 50.33 ng/ml



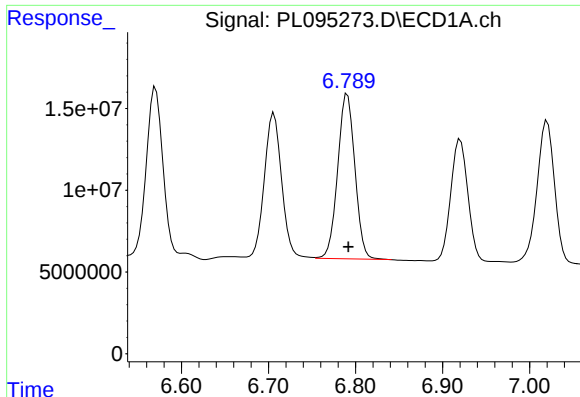
#14 Endrin

R.T.: 6.569 min
Delta R.T.: -0.002 min
Response: 134745804
Conc: 51.70 ng/ml m



#14 Endrin

R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 216498300
Conc: 51.83 ng/ml



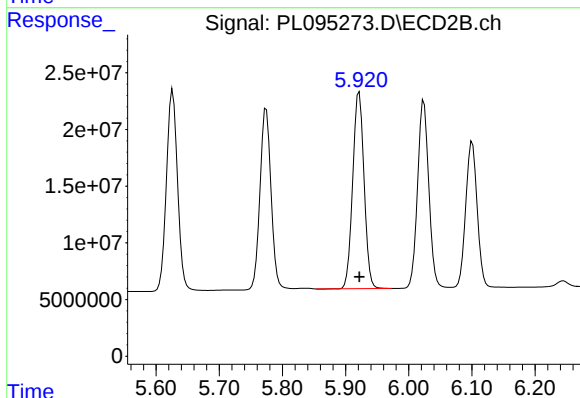
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: -0.001 min
Response: 138647823
Conc: 48.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

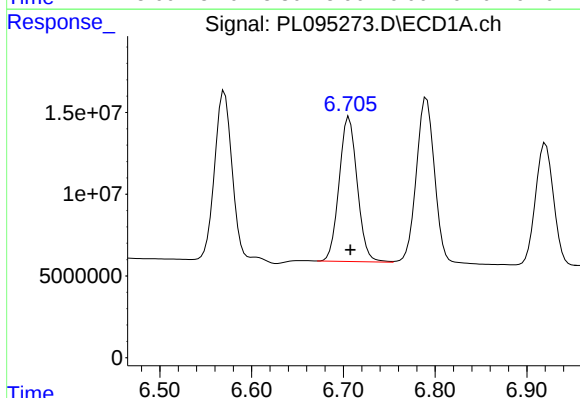
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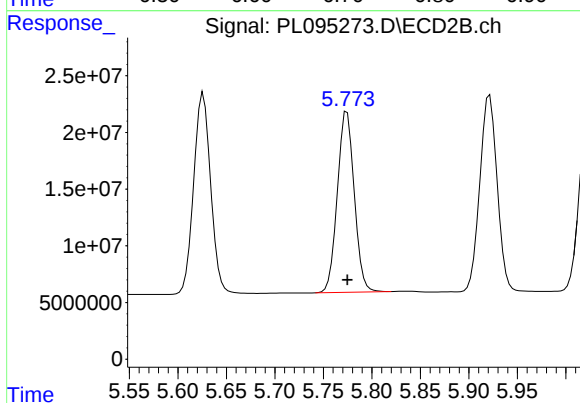
#15 Endosulfan II

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 215902296
Conc: 49.18 ng/ml



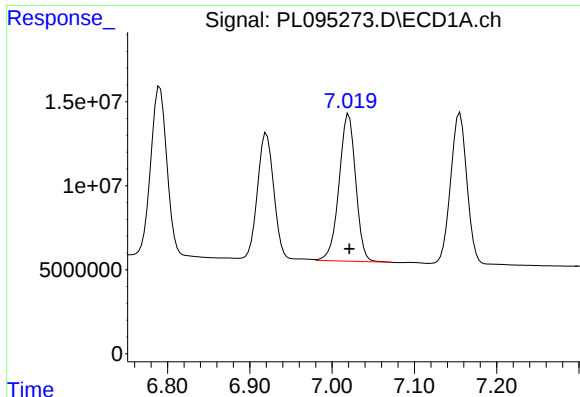
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: -0.001 min
Response: 121346851
Conc: 47.79 ng/ml



#16 4,4'-DDD

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 193455798
Conc: 49.73 ng/ml



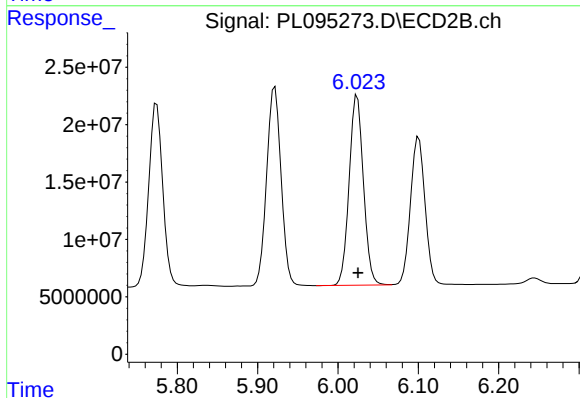
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.001 min
Response: 122859833
Conc: 48.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

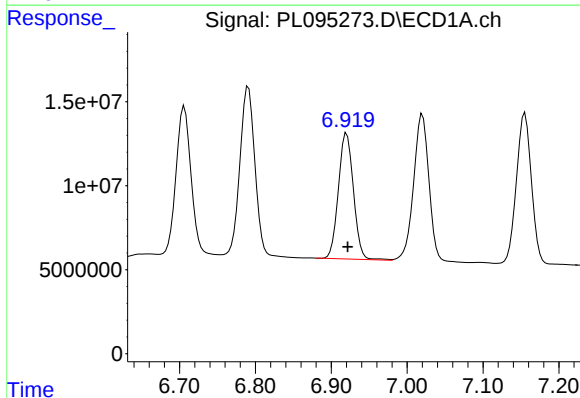
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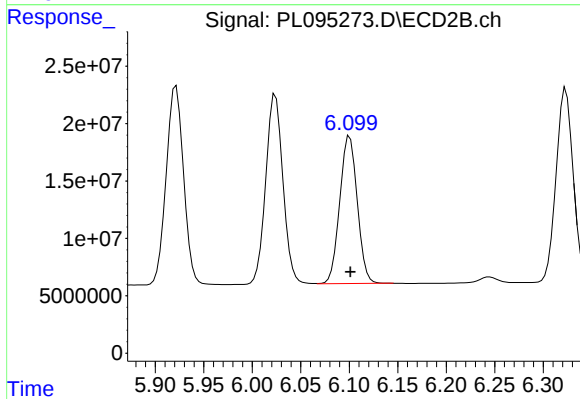
#17 4,4'-DDT

R.T.: 6.024 min
Delta R.T.: -0.001 min
Response: 204350818
Conc: 49.05 ng/ml



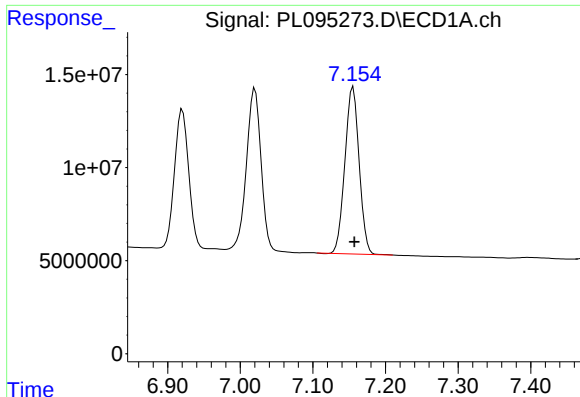
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: -0.001 min
Response: 103223407
Conc: 46.90 ng/ml



#18 Endrin aldehyde

R.T.: 6.101 min
Delta R.T.: 0.000 min
Response: 161663291
Conc: 47.97 ng/ml



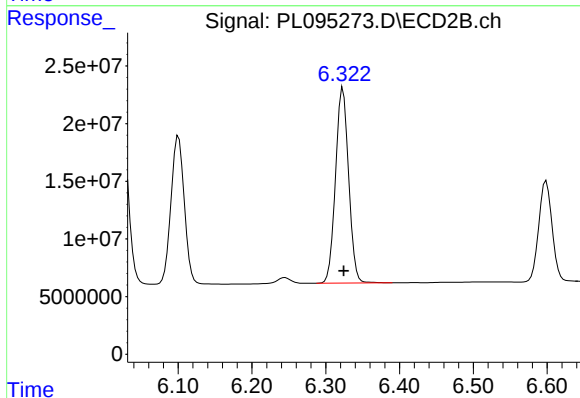
#19 Endosulfan Sulfate

R.T.: 7.155 min
Delta R.T.: -0.002 min
Response: 122453687
Conc: 47.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

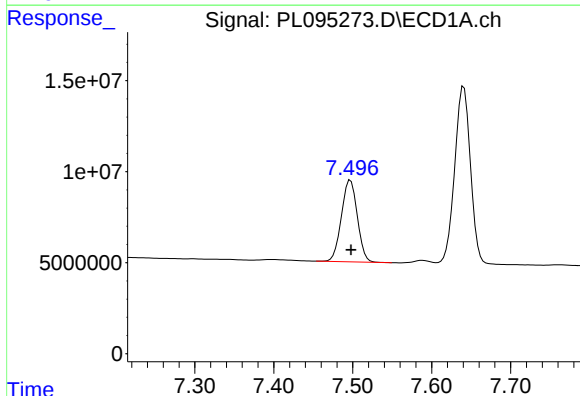
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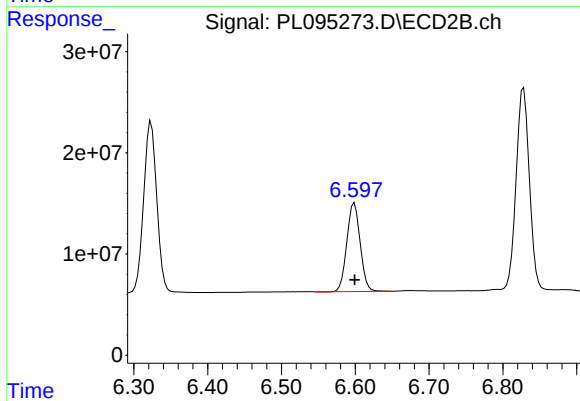
#19 Endosulfan Sulfate

R.T.: 6.323 min
Delta R.T.: -0.001 min
Response: 209304581
Conc: 50.12 ng/ml



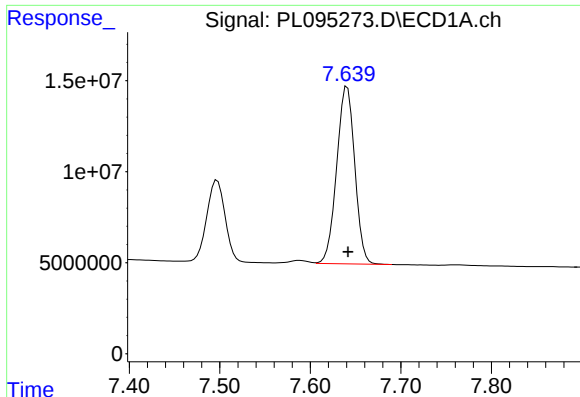
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: 0.000 min
Response: 62795372
Conc: 46.88 ng/ml



#20 Methoxychlor

R.T.: 6.599 min
Delta R.T.: 0.000 min
Response: 109626637
Conc: 48.82 ng/ml



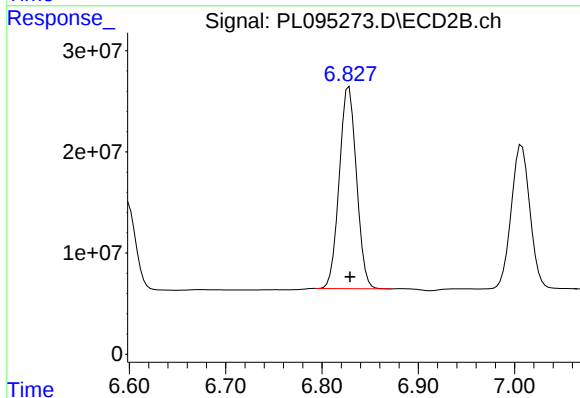
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: 0.000 min
Response: 135212548
Conc: 46.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

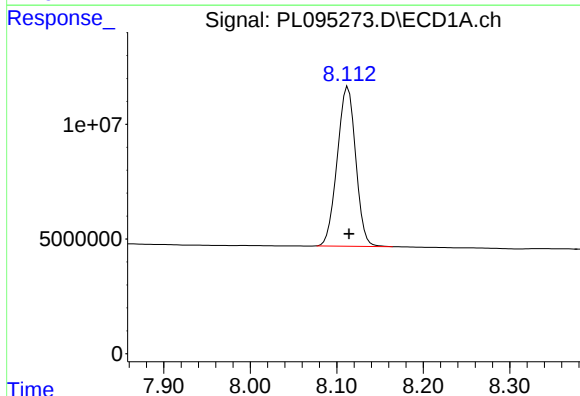
Manual Integrations
APPROVED

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



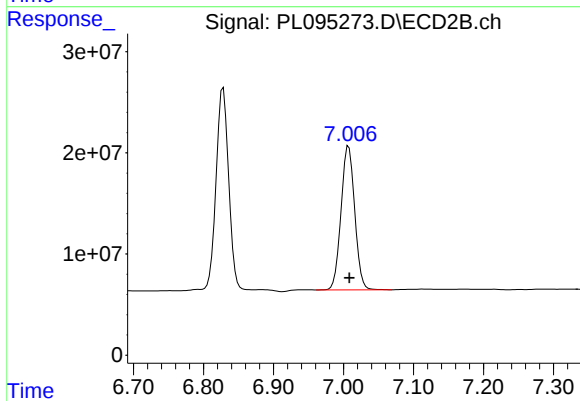
#21 Endrin ketone

R.T.: 6.827 min
Delta R.T.: -0.003 min
Response: 247655035
Conc: 49.12 ng/ml m



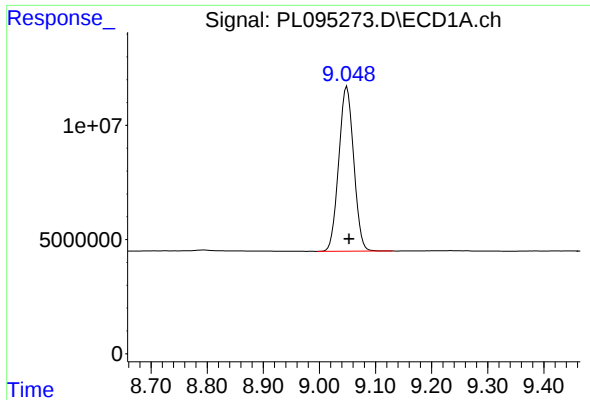
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.001 min
Response: 102649540
Conc: 48.26 ng/ml



#22 Mirex

R.T.: 7.007 min
Delta R.T.: -0.001 min
Response: 192688035
Conc: 49.01 ng/ml



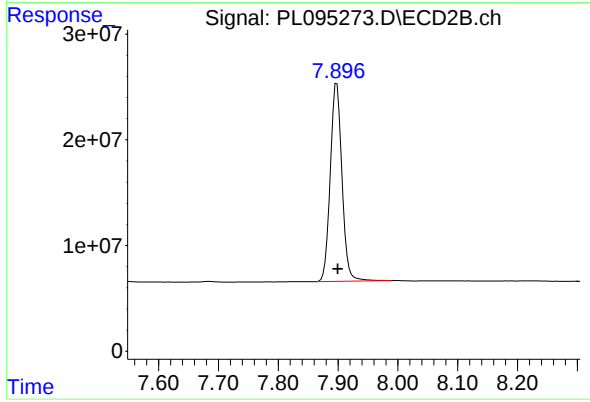
#28 Decachlorobiphenyl

R.T.: 9.049 min
Delta R.T.: -0.003 min
Response: 133220932
Conc: 55.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.898 min
Delta R.T.: -0.002 min
Response: 254403960
Conc: 57.83 ng/ml