

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072125\
 Data File : PL096481.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2025 12:44
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/22/2025
 Supervised By : mohammad ahmed 07/23/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 22 01:43:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 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	2.828	195.5E6	327.4E6	53.580	56.732
28)	SA Decachlor...	9.019	7.994	138.5E6	257.4E6	49.243	51.623
Target Compounds							
2)	A alpha-BHC	3.983	3.333	283.4E6	491.3E6	55.094	58.248
3)	MA gamma-BHC...	4.312	3.665	270.3E6	452.3E6	54.277	57.430
4)	MA Heptachlor	4.905	4.014	248.1E6	427.0E6	54.153	56.123
5)	MB Aldrin	5.244	4.297	256.7E6	415.6E6	53.102	56.964
6)	B beta-BHC	4.498	3.961	114.3E6	191.1E6	54.981	55.822
7)	B delta-BHC	4.745	4.194	251.1E6	440.8E6	56.040	57.229
8)	B Heptachlo...	5.663	4.799	230.9E6	371.6E6	55.645m	55.584
9)	A Endosulfan I	6.046	5.170	214.5E6	340.8E6	53.128	47.509
10)	B gamma-Chl...	5.918	5.051	242.2E6	391.6E6	54.732	55.792
11)	B alpha-Chl...	5.998	5.116	234.1E6	381.5E6	53.469	50.731
12)	B 4,4'-DDE	6.168	5.305	192.9E6	360.0E6	52.020	55.689
13)	MA Dieldrin	6.318	5.434	221.5E6	383.6E6	52.376	56.259m
14)	MA Endrin	6.545	5.710	170.0E6	325.9E6	54.664	53.463
15)	B Endosulfa...	6.757	6.001	200.1E6	323.7E6	57.672	55.207
16)	A 4,4'-DDD	6.677	5.857	167.0E6	304.2E6	57.367	59.309
17)	MA 4,4'-DDT	6.992	6.110	160.1E6	297.4E6	52.761	51.858
18)	B Endrin al...	6.885	6.180	130.4E6	241.7E6	58.331m	54.263
19)	B Endosulfa...	7.120	6.404	161.9E6	316.4E6	52.942	56.248
20)	A Methoxychlor	7.465	6.682	78916887	155.7E6	50.093	51.238
21)	B Endrin ke...	7.599	6.908	172.2E6	352.1E6	52.169	56.318
22)	Mirex	8.079	7.099	140.9E6	262.8E6	50.647	52.894

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072125\
Data File : PL096481.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 12:44
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

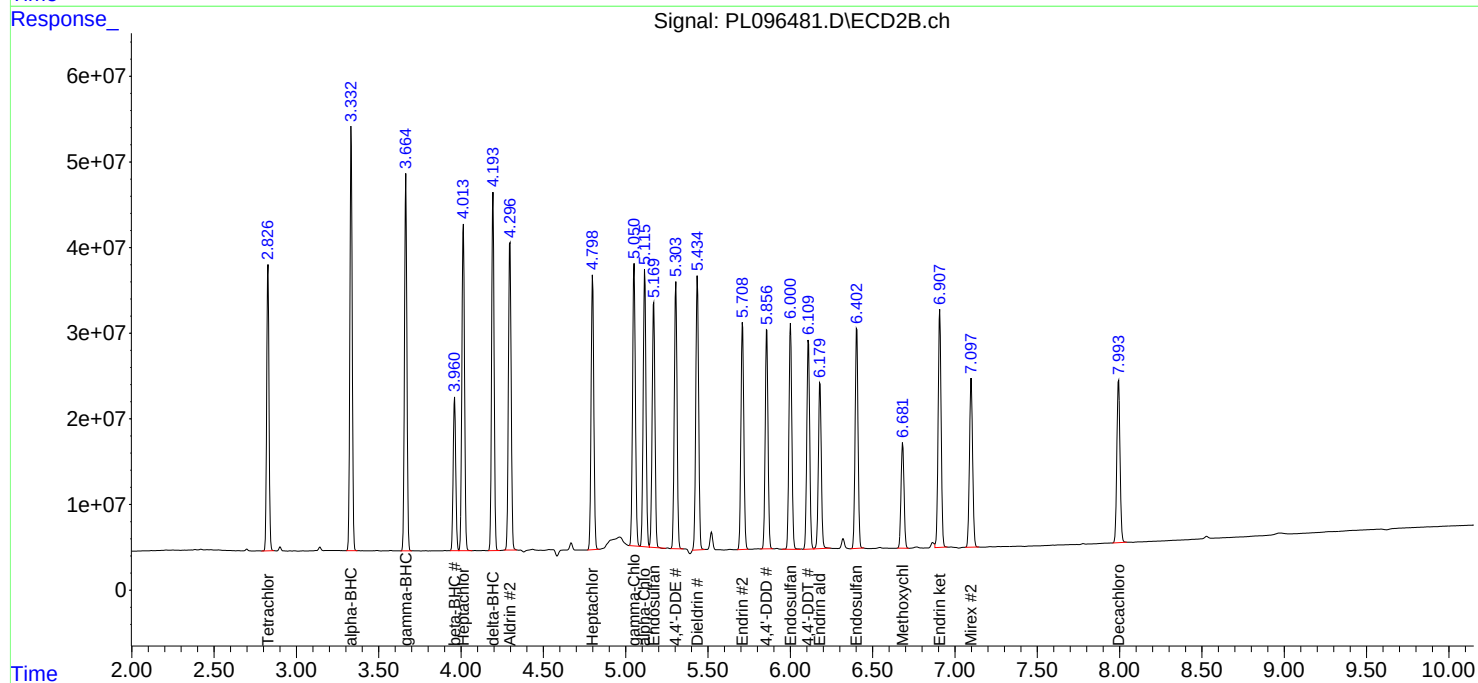
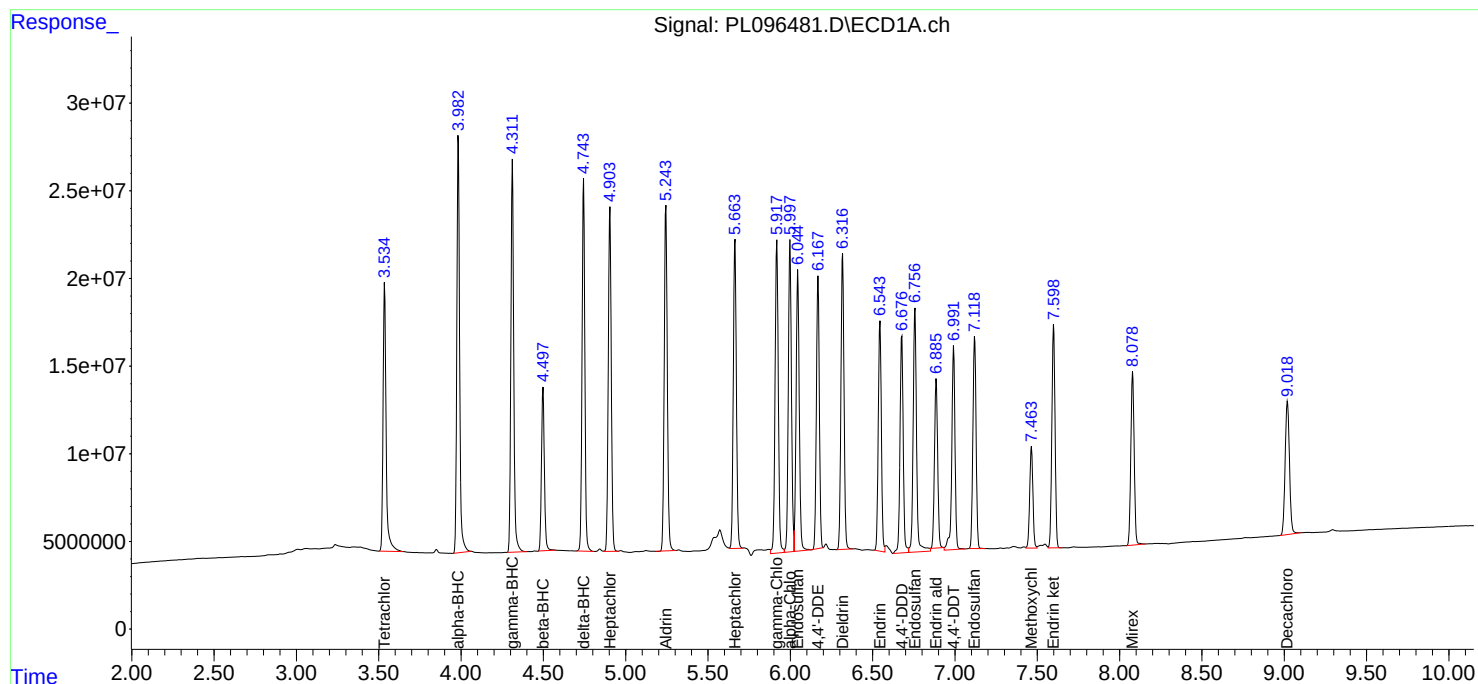
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

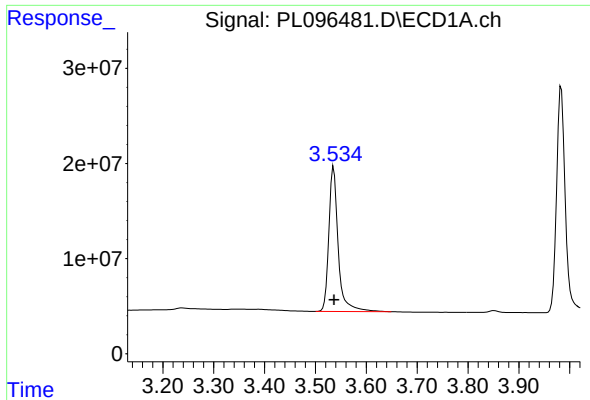
Manual Integrations
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Supervised By :mohammad ahmed 07/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 01:43:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 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





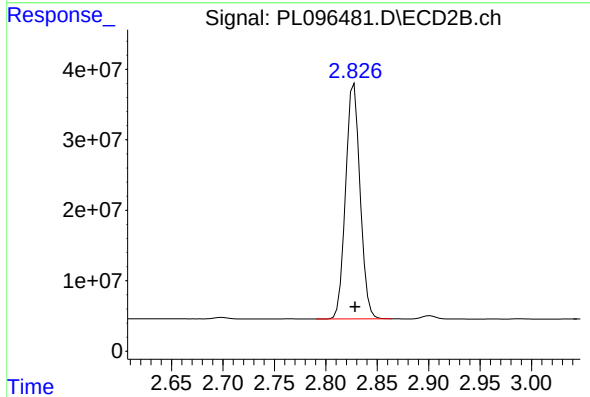
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.001 min
Response: 195513760
Conc: 53.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

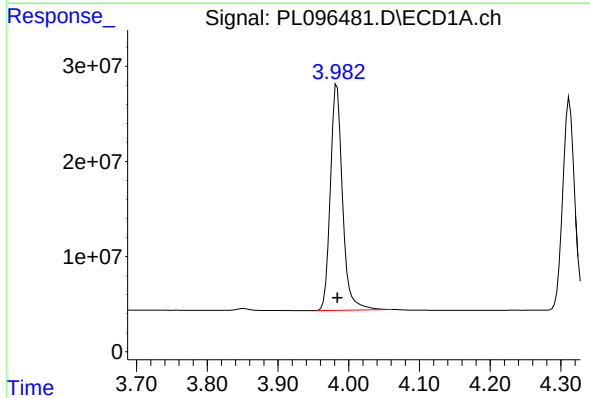
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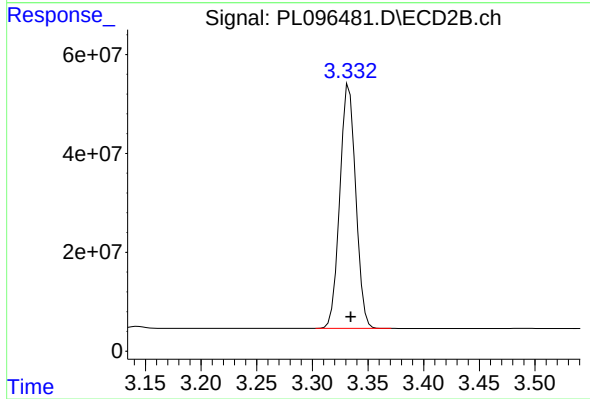
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 327412617
Conc: 56.73 ng/ml



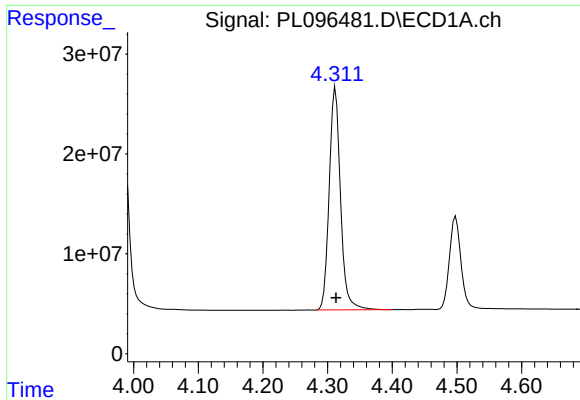
#2 alpha-BHC

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 283356427
Conc: 55.09 ng/ml



#2 alpha-BHC

R.T.: 3.333 min
Delta R.T.: -0.001 min
Response: 491281508
Conc: 58.25 ng/ml



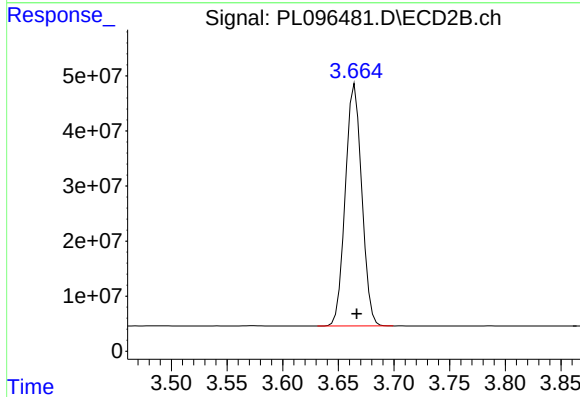
#3 gamma-BHC (Lindane)

R.T.: 4.312 min
Delta R.T.: 0.000 min
Response: 270280418
Conc: 54.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

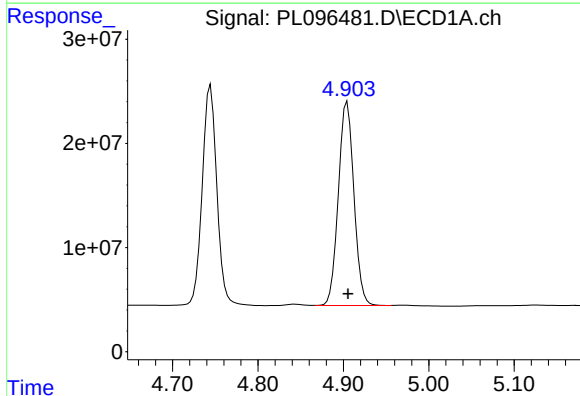
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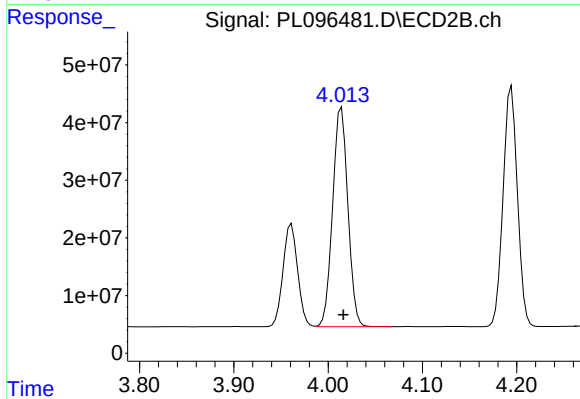
#3 gamma-BHC (Lindane)

R.T.: 3.665 min
Delta R.T.: -0.002 min
Response: 452314672
Conc: 57.43 ng/ml



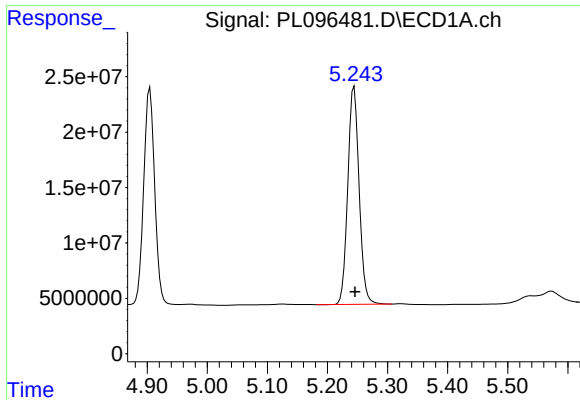
#4 Heptachlor

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 248085203
Conc: 54.15 ng/ml



#4 Heptachlor

R.T.: 4.014 min
Delta R.T.: -0.002 min
Response: 426968562
Conc: 56.12 ng/ml



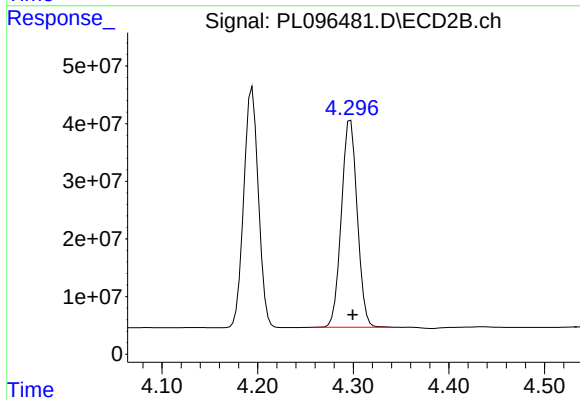
#5 Aldrin

R.T.: 5.244 min
Delta R.T.: -0.002 min
Response: 256680586
Conc: 53.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

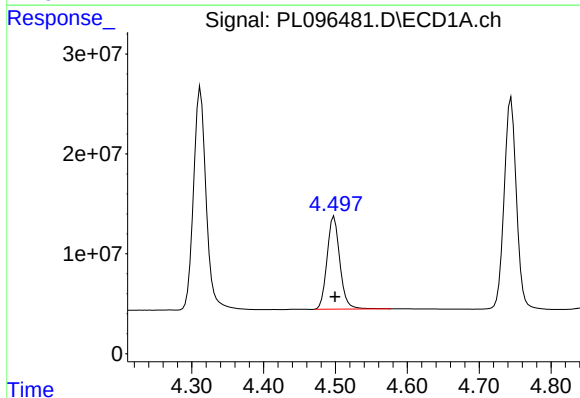
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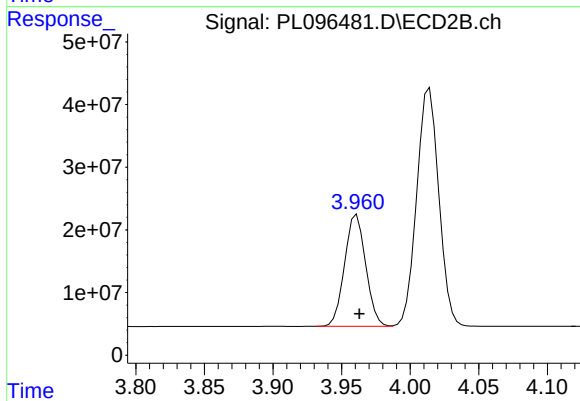
#5 Aldrin

R.T.: 4.297 min
Delta R.T.: -0.002 min
Response: 415588424
Conc: 56.96 ng/ml



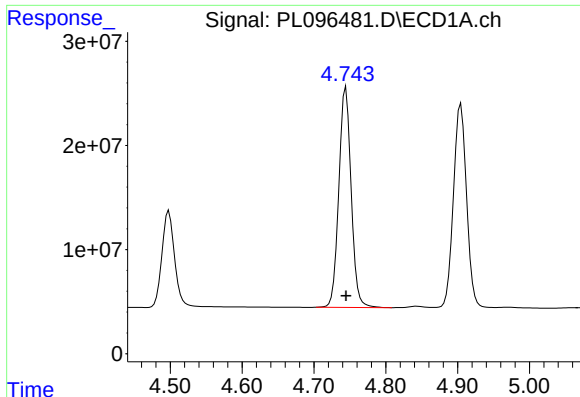
#6 beta-BHC

R.T.: 4.498 min
Delta R.T.: -0.001 min
Response: 114294654
Conc: 54.98 ng/ml



#6 beta-BHC

R.T.: 3.961 min
Delta R.T.: -0.002 min
Response: 191130987
Conc: 55.82 ng/ml



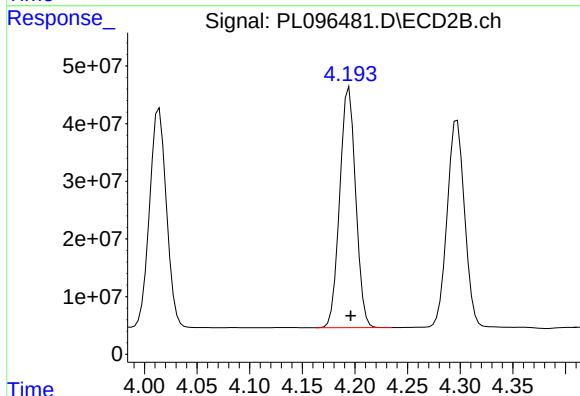
#7 delta-BHC

R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 251135167
Conc: 56.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

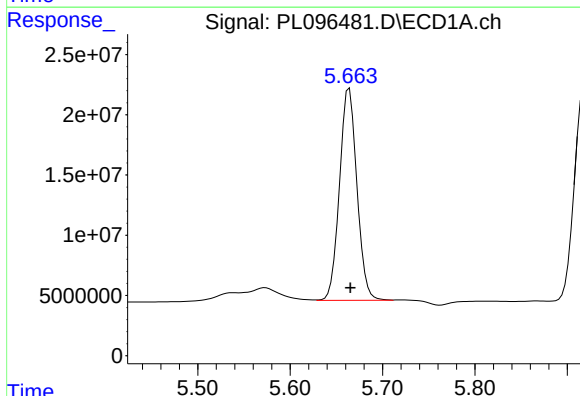
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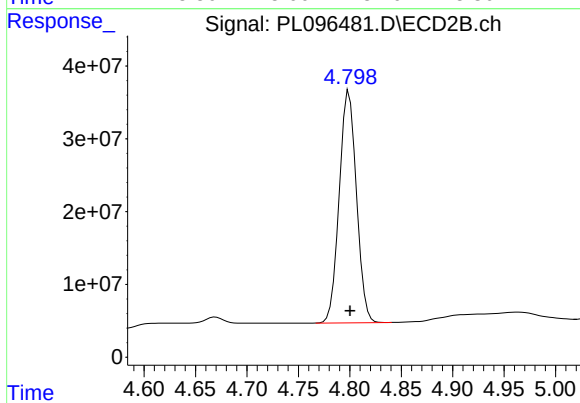
#7 delta-BHC

R.T.: 4.194 min
Delta R.T.: -0.002 min
Response: 440771516
Conc: 57.23 ng/ml



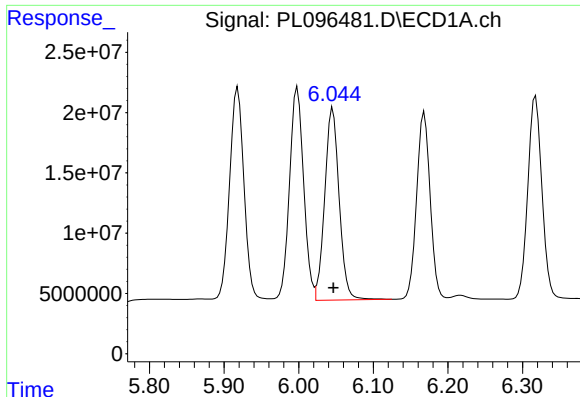
#8 Heptachlor epoxide

R.T.: 5.663 min
Delta R.T.: -0.003 min
Response: 230880276
Conc: 55.65 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.799 min
Delta R.T.: -0.001 min
Response: 371572433
Conc: 55.58 ng/ml



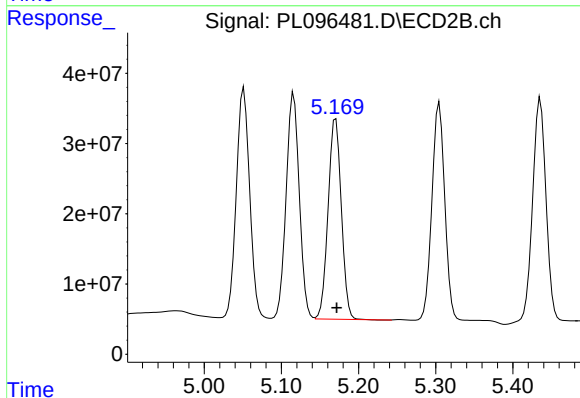
#9 Endosulfan I

R.T.: 6.046 min
Delta R.T.: -0.001 min
Response: 214492932
Conc: 53.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

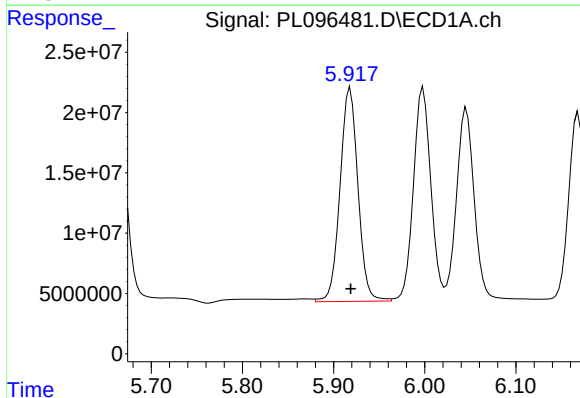
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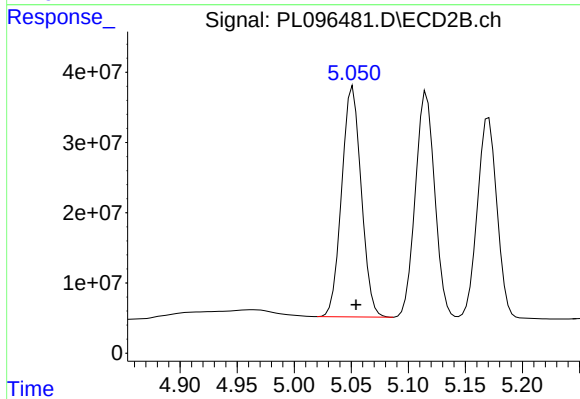
#9 Endosulfan I

R.T.: 5.170 min
Delta R.T.: -0.001 min
Response: 340837162
Conc: 47.51 ng/ml



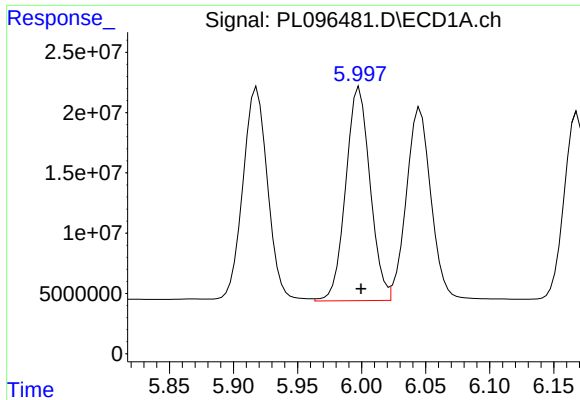
#10 gamma-Chlordane

R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 242179956
Conc: 54.73 ng/ml



#10 gamma-Chlordane

R.T.: 5.051 min
Delta R.T.: -0.003 min
Response: 391642865
Conc: 55.79 ng/ml



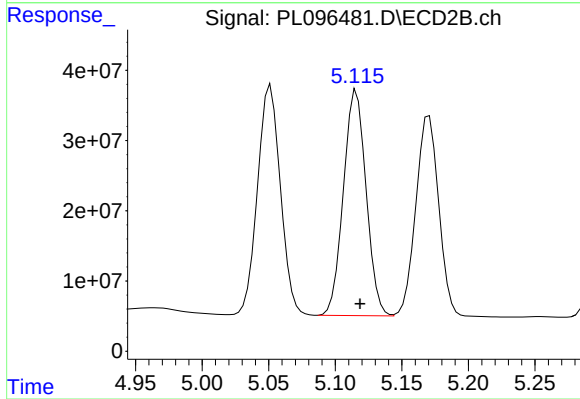
#11 alpha-Chlordane

R.T.: 5.998 min
Delta R.T.: -0.001 min
Response: 234134052
Conc: 53.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

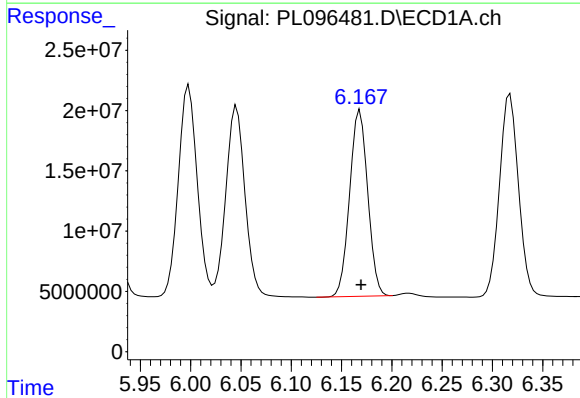
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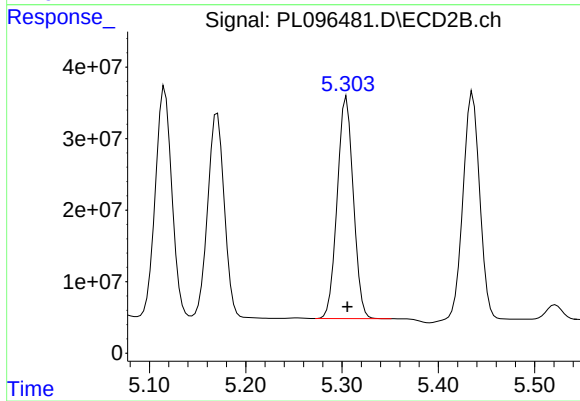
#11 alpha-Chlordane

R.T.: 5.116 min
Delta R.T.: -0.003 min
Response: 381508807
Conc: 50.73 ng/ml



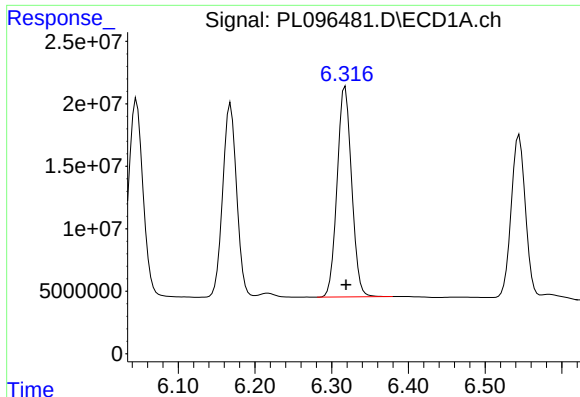
#12 4,4'-DDE

R.T.: 6.168 min
Delta R.T.: -0.001 min
Response: 192862822
Conc: 52.02 ng/ml



#12 4,4'-DDE

R.T.: 5.305 min
Delta R.T.: 0.000 min
Response: 359957365
Conc: 55.69 ng/ml



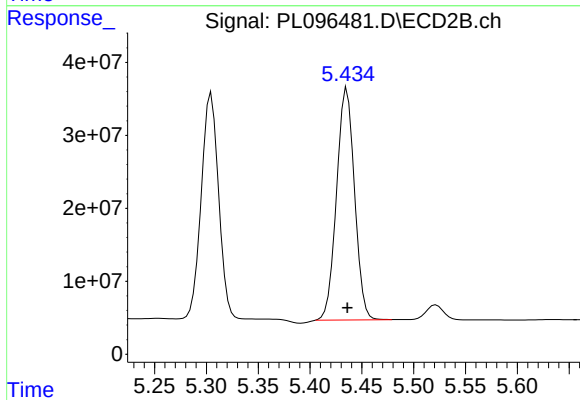
#13 Dieldrin

R.T.: 6.318 min
Delta R.T.: -0.001 min
Response: 221468778
Conc: 52.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

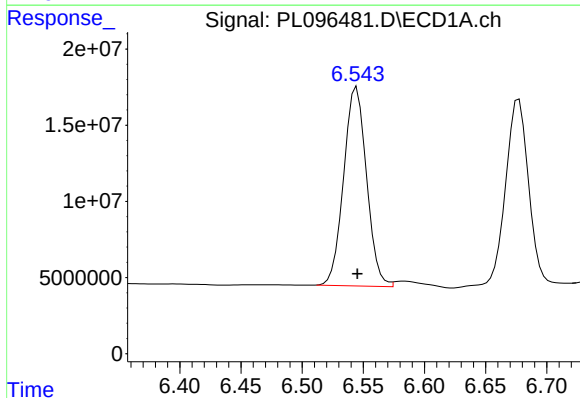
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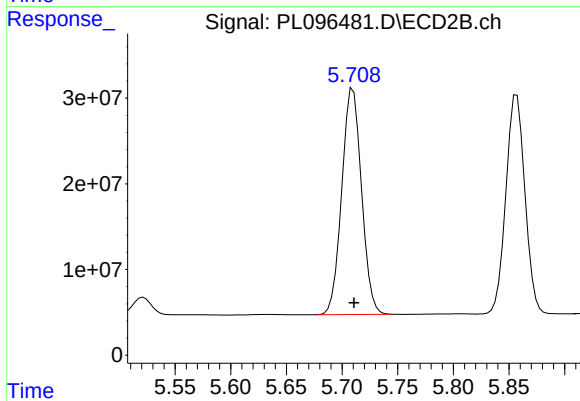
#13 Dieldrin

R.T.: 5.434 min
Delta R.T.: -0.002 min
Response: 383646060
Conc: 56.26 ng/ml m



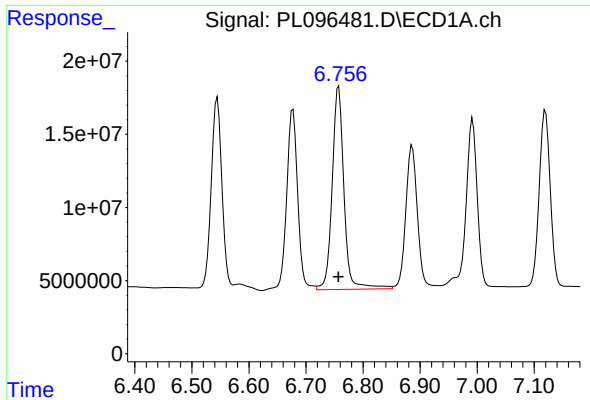
#14 Endrin

R.T.: 6.545 min
Delta R.T.: 0.000 min
Response: 170016032
Conc: 54.66 ng/ml



#14 Endrin

R.T.: 5.710 min
Delta R.T.: 0.000 min
Response: 325939824
Conc: 53.46 ng/ml



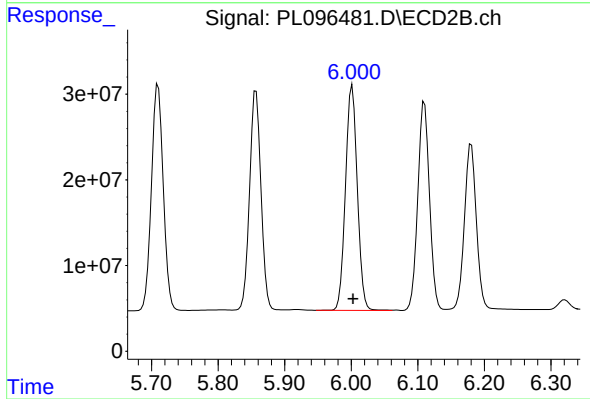
#15 Endosulfan II

R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 200123748
Conc: 57.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

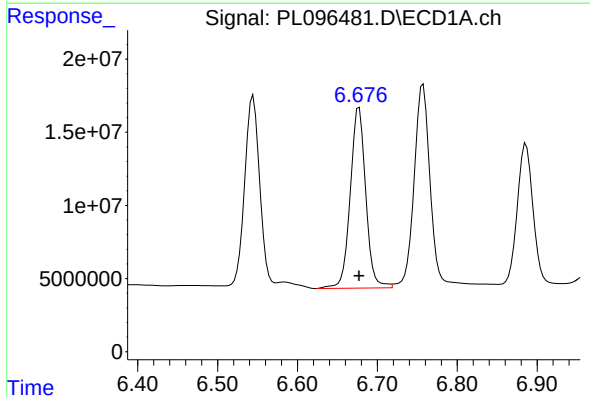
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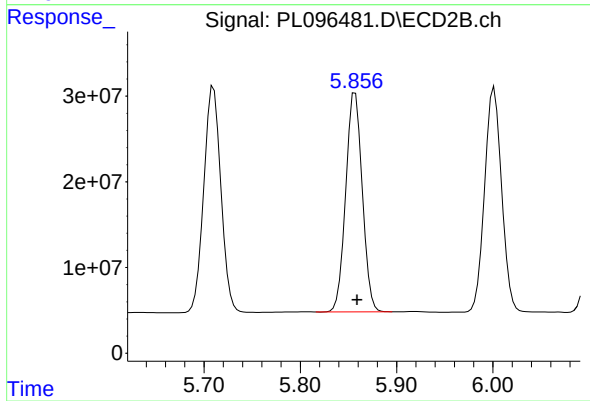
#15 Endosulfan II

R.T.: 6.001 min
Delta R.T.: -0.001 min
Response: 323727891
Conc: 55.21 ng/ml



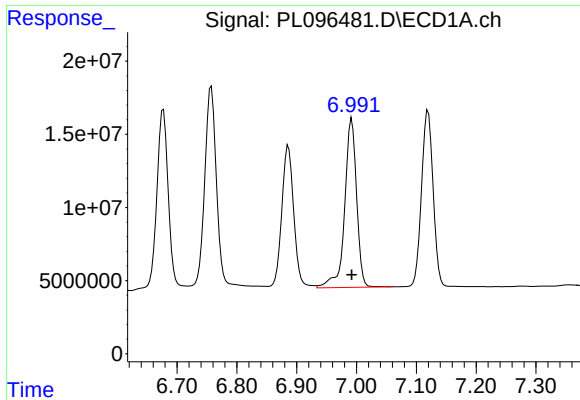
#16 4,4'-DDD

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 167036499
Conc: 57.37 ng/ml



#16 4,4'-DDD

R.T.: 5.857 min
Delta R.T.: -0.002 min
Response: 304176848
Conc: 59.31 ng/ml



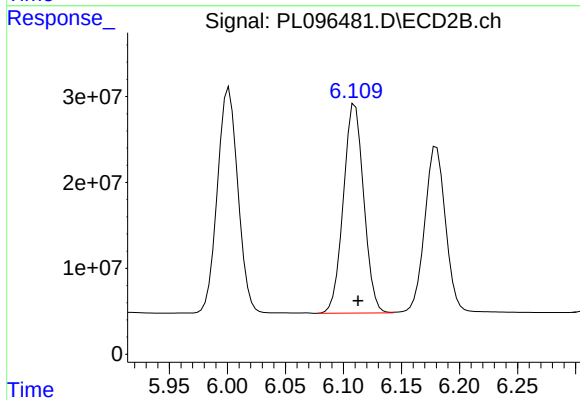
#17 4,4'-DDT

R.T.: 6.992 min
Delta R.T.: 0.000 min
Response: 160141968
Conc: 52.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

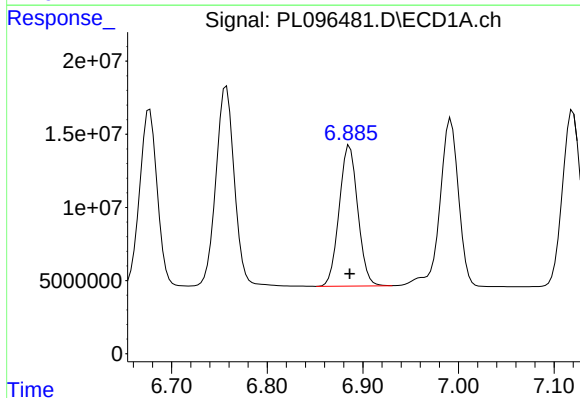
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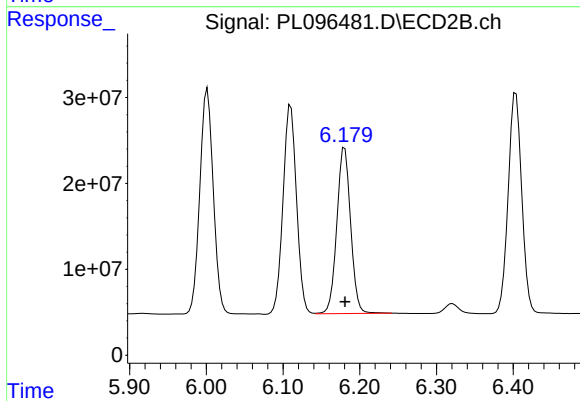
#17 4,4'-DDT

R.T.: 6.110 min
Delta R.T.: -0.003 min
Response: 297411752
Conc: 51.86 ng/ml



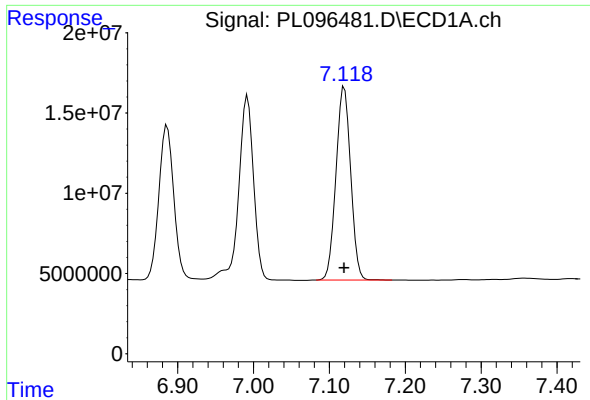
#18 Endrin aldehyde

R.T.: 6.885 min
Delta R.T.: -0.002 min
Response: 130401403
Conc: 58.33 ng/ml m



#18 Endrin aldehyde

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 241719954
Conc: 54.26 ng/ml



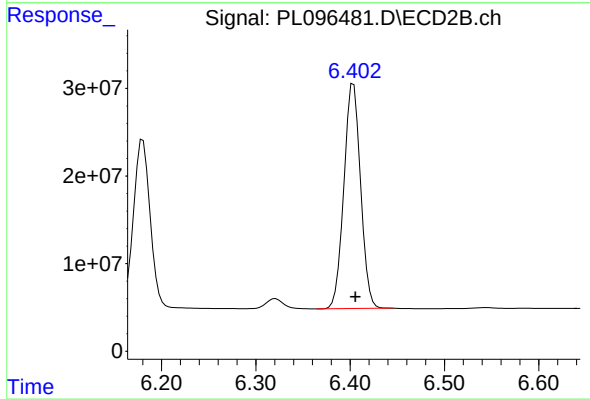
#19 Endosulfan Sulfate

R.T.: 7.120 min
Delta R.T.: 0.000 min
Response: 161941490
Conc: 52.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

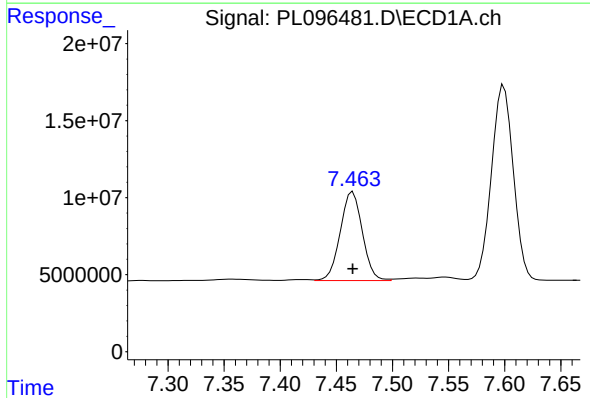
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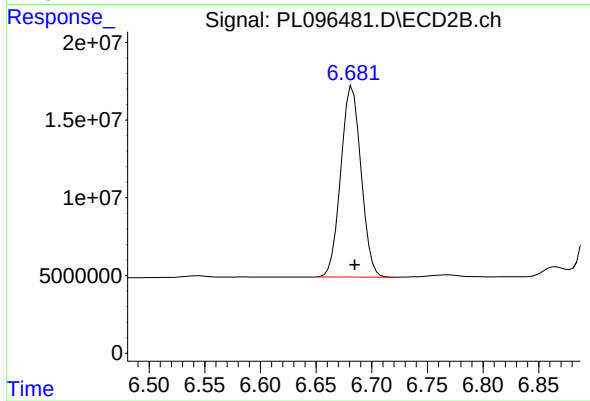
#19 Endosulfan Sulfate

R.T.: 6.404 min
Delta R.T.: -0.002 min
Response: 316362412
Conc: 56.25 ng/ml



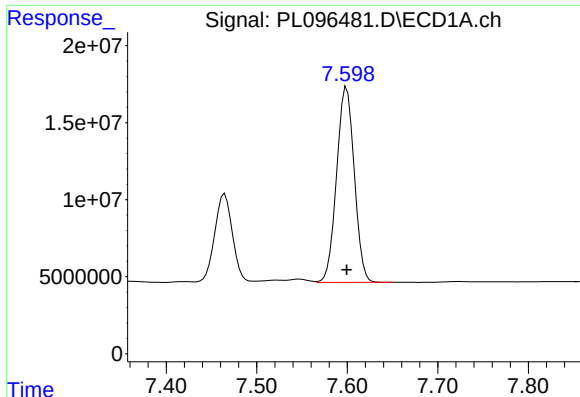
#20 Methoxychlor

R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 78916887
Conc: 50.09 ng/ml



#20 Methoxychlor

R.T.: 6.682 min
Delta R.T.: -0.002 min
Response: 155650726
Conc: 51.24 ng/ml



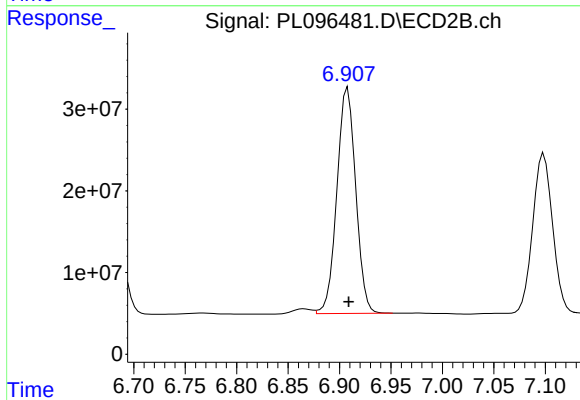
#21 Endrin ketone

R.T.: 7.599 min
Delta R.T.: 0.000 min
Response: 172243759
Conc: 52.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

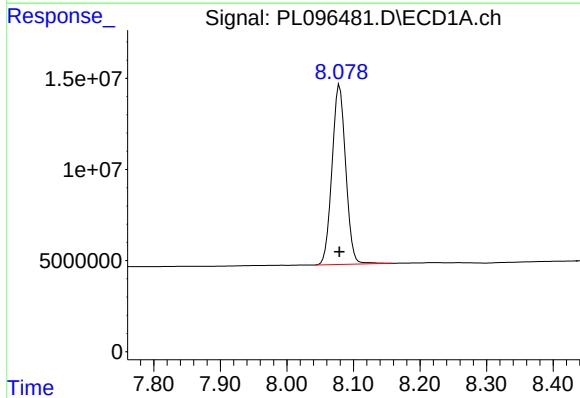
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APPROVED

Reviewed By :Abdul Mirza 07/22/2025
Supervised By :mohammad ahmed 07/23/2025



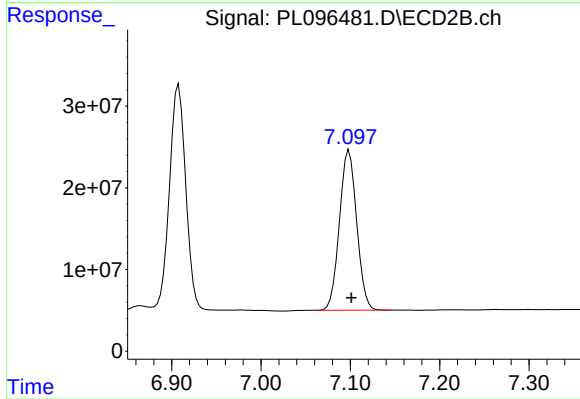
#21 Endrin ketone

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 352111948
Conc: 56.32 ng/ml



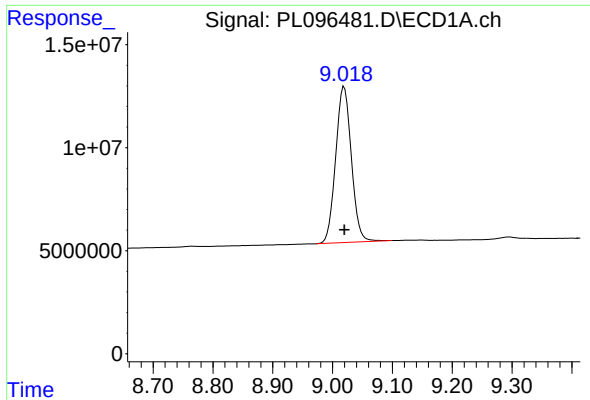
#22 Mirex

R.T.: 8.079 min
Delta R.T.: 0.000 min
Response: 140910097
Conc: 50.65 ng/ml



#22 Mirex

R.T.: 7.099 min
Delta R.T.: -0.002 min
Response: 262787795
Conc: 52.89 ng/ml



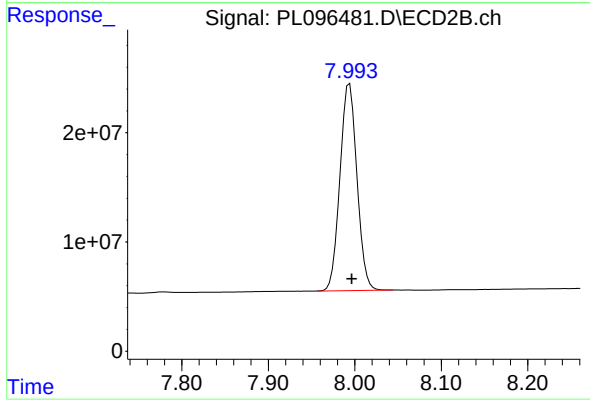
#28 Decachlorobiphenyl

R.T.: 9.019 min
Delta R.T.: 0.000 min
Response: 138523190
Conc: 49.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.994 min
Delta R.T.: -0.003 min
Response: 257416700
Conc: 51.62 ng/ml