

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072125\
 Data File : PL096485.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2025 14:05
 Operator : AR\AJ
 Sample : Q2635-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RT2286MS

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 01:44:57 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...	3.534	2.827	65305594	98410848	17.897m	17.052
28)	SA Decachlor...	9.019	7.992	48153844	73981879	17.118	14.836
Target Compounds							
2)	A alpha-BHC	3.983	3.333	247.5E6	367.8E6	48.118	43.612
3)	MA gamma-BHC...	4.310	3.664	234.1E6	337.7E6	47.010m	42.878
4)	MA Heptachlor	4.904	4.014	220.3E6	330.9E6	48.079	43.501
5)	MB Aldrin	5.242	4.295	234.1E6	325.4E6	48.422m	44.599m
6)	B beta-BHC	4.498	3.961	89450562	134.4E6	43.030	39.253
7)	B delta-BHC	4.744	4.194	207.9E6	325.3E6	46.384	42.241
8)	B Heptachlo...	5.664	4.799	222.3E6	280.2E6	53.568	41.919
9)	A Endosulfan I	6.045	5.170	194.5E6	249.9E6	48.178	34.835 #
10)	B gamma-Chl...	5.916	5.051	214.3E6	301.0E6	48.425m	42.881
11)	B alpha-Chl...	5.997	5.115	205.6E6	283.1E6	46.945m	37.649
12)	B 4,4'-DDE	6.169	5.304	162.3E6	254.7E6	43.787	39.411
13)	MA Dieldrin	6.318	5.435	216.2E6	317.1E6	51.130	46.507
14)	MA Endrin	6.544	5.709	166.0E6	262.6E6	53.373	43.070
15)	B Endosulfa...	6.757	6.001	171.6E6	252.3E6	49.456	43.025
16)	A 4,4'-DDD	6.677	5.856	184.4E6	210.4E6	63.322	41.015 #
17)	MA 4,4'-DDT	6.990	6.108	149.5E6	283.2E6	49.250m	49.380
18)	B Endrin al...	6.886	6.179	130.7E6	217.9E6	58.466	48.914
19)	B Endosulfa...	7.119	6.403	160.6E6	272.9E6	52.500	48.523
20)	A Methoxychlor	7.464	6.679	83440702	123.0E6	52.965	40.483m
21)	B Endrin ke...	7.596	6.906	215.0E6	252.5E6	65.121m	40.382m#
22)	Mirex	8.078	7.098	131.0E6	195.9E6	47.100	39.424

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072125\
Data File : PL096485.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Jul 2025 14:05
Operator : AR\AJ
Sample : Q2635-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

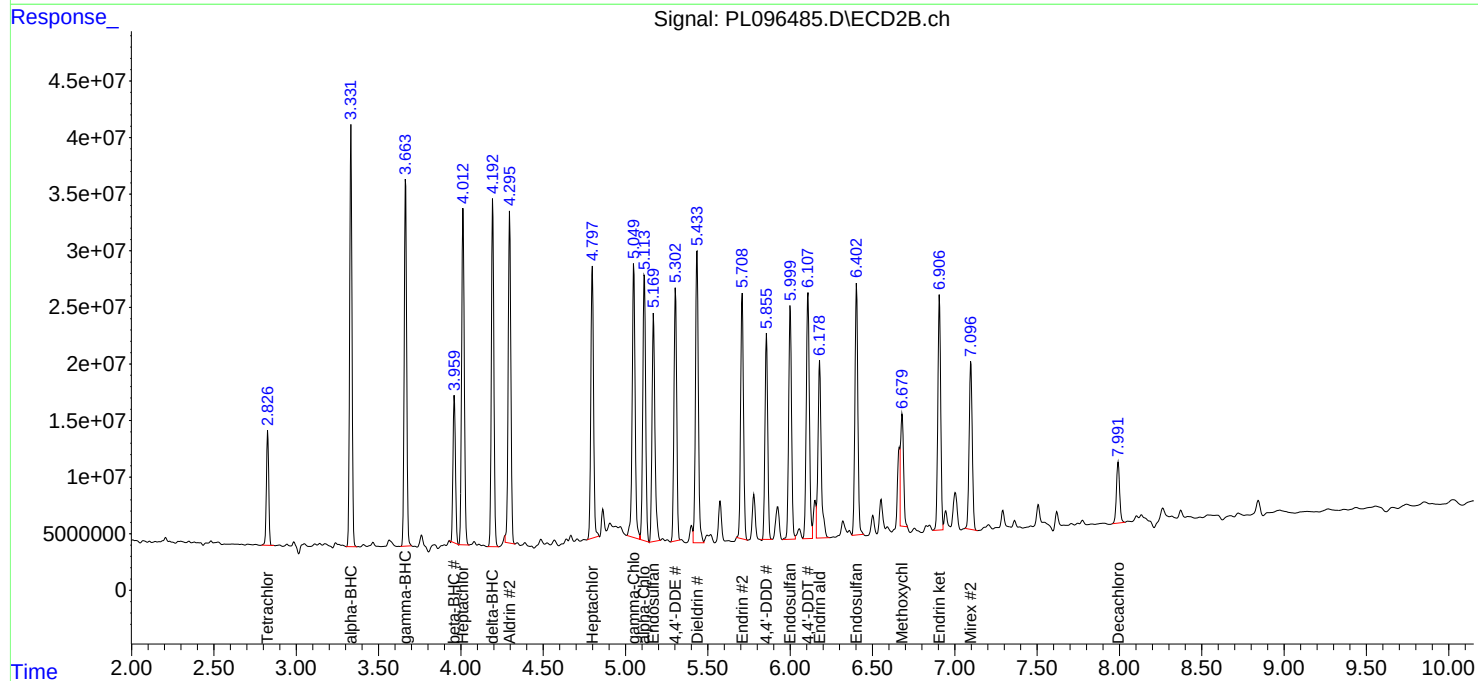
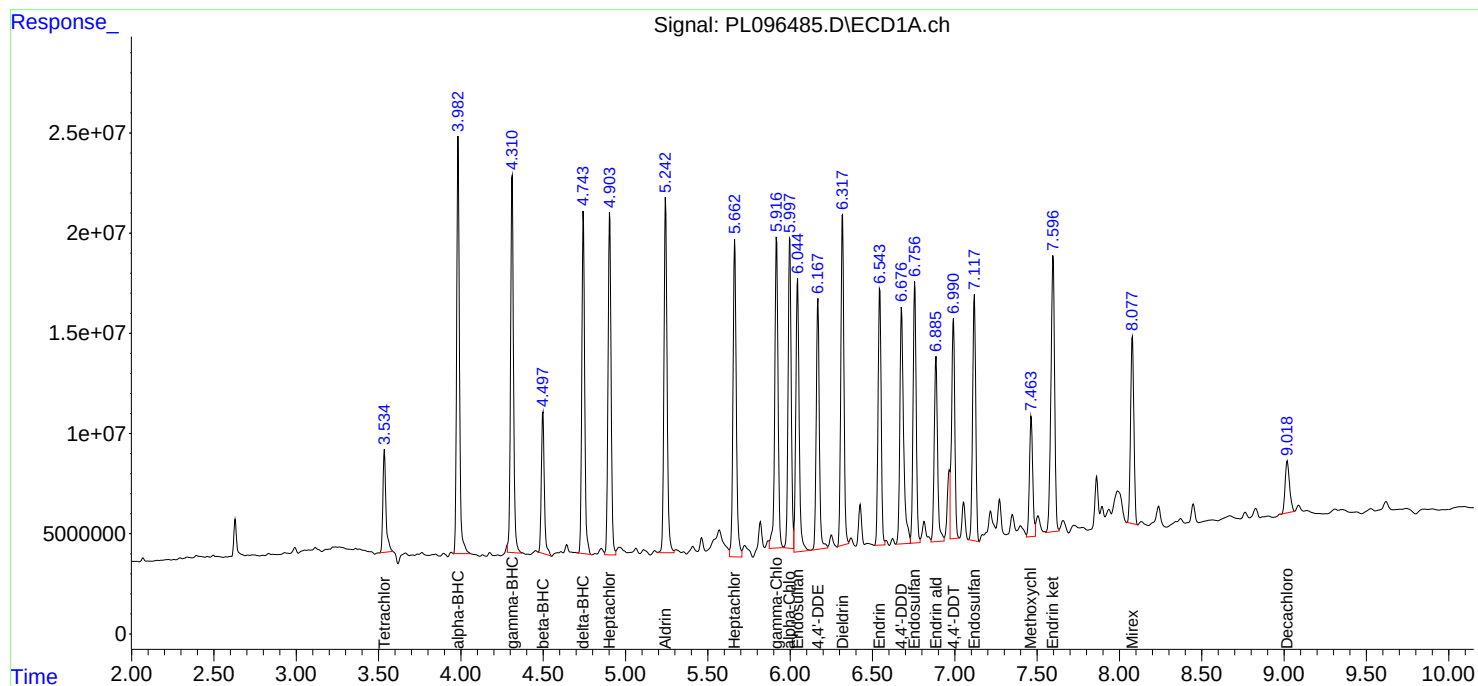
Instrument :
ECD_L
ClientSampleId :
RT2286MS

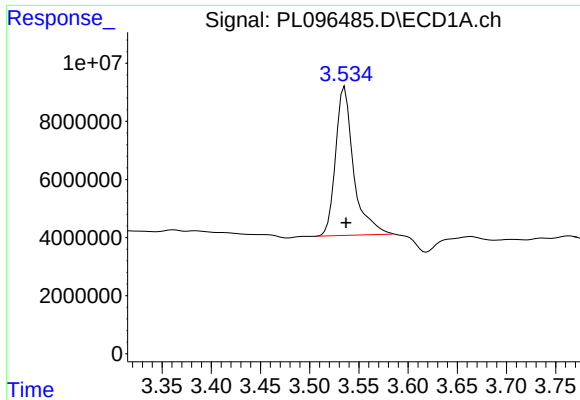
Manual Integrations
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Supervised By :mohammad ahmed 07/23/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 22 01:44:57 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





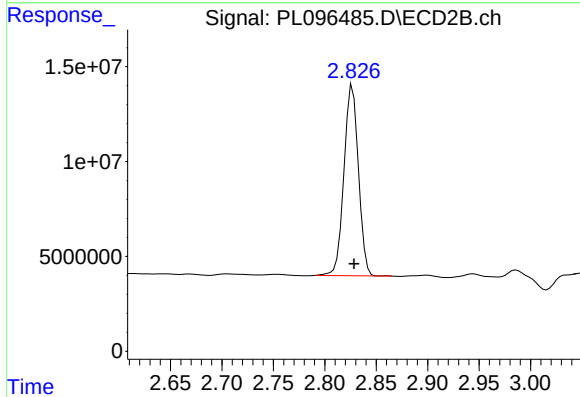
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.003 min
Response: 65305594
Conc: 17.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT2286MS

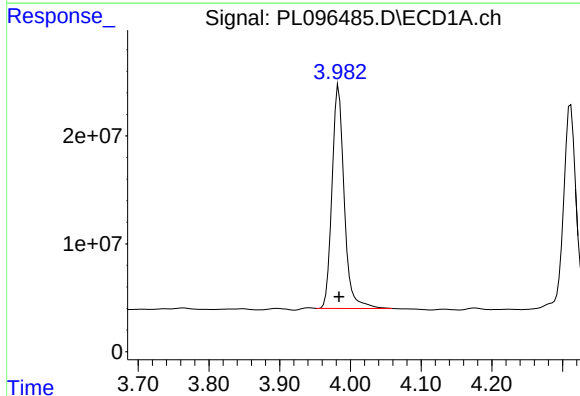
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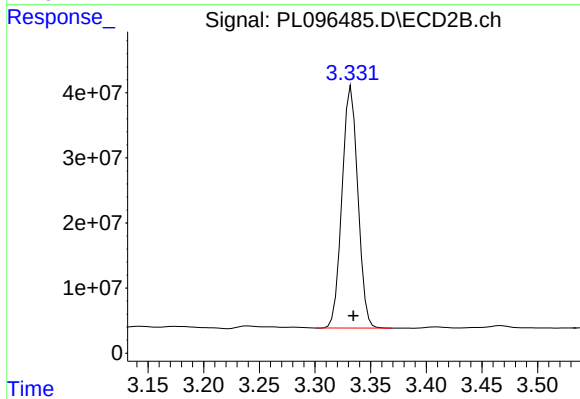
#1 Tetrachloro-m-xylene

R.T.: 2.827 min
Delta R.T.: -0.001 min
Response: 98410848
Conc: 17.05 ng/ml



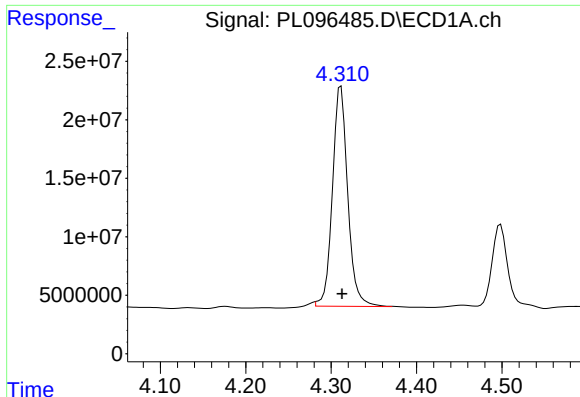
#2 alpha-BHC

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 247477342
Conc: 48.12 ng/ml



#2 alpha-BHC

R.T.: 3.333 min
Delta R.T.: -0.002 min
Response: 367840051
Conc: 43.61 ng/ml



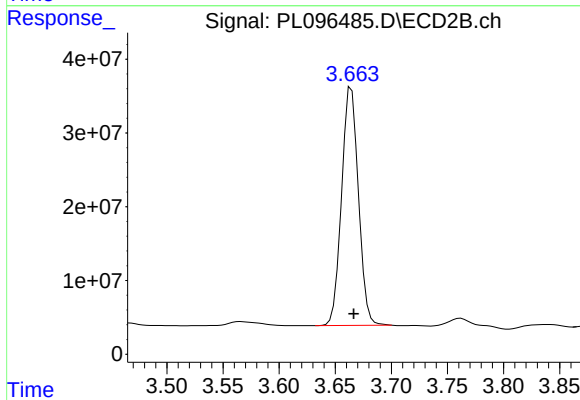
#3 gamma-BHC (Lindane)

R.T.: 4.310 min
Delta R.T.: -0.003 min
Response: 234093171
Conc: 47.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT2286MS

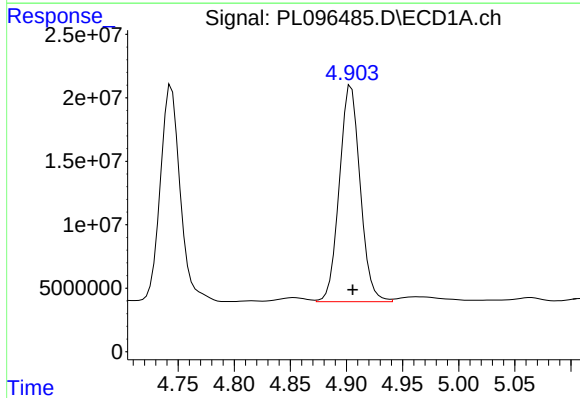
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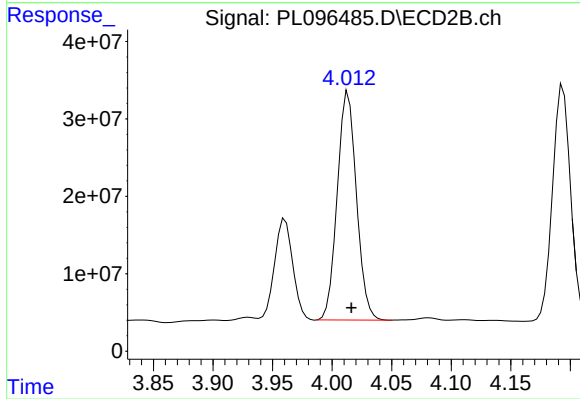
#3 gamma-BHC (Lindane)

R.T.: 3.664 min
Delta R.T.: -0.002 min
Response: 337702944
Conc: 42.88 ng/ml



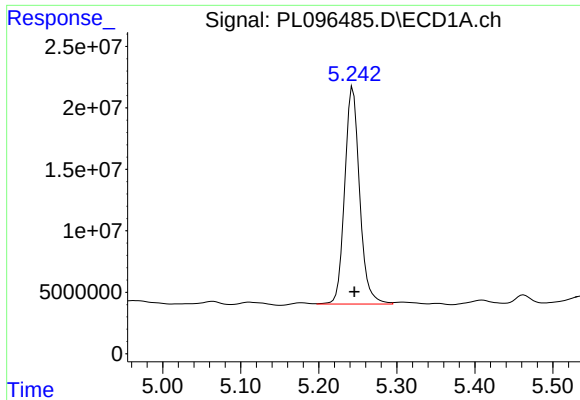
#4 Heptachlor

R.T.: 4.904 min
Delta R.T.: -0.001 min
Response: 220258730
Conc: 48.08 ng/ml



#4 Heptachlor

R.T.: 4.014 min
Delta R.T.: -0.003 min
Response: 330945867
Conc: 43.50 ng/ml



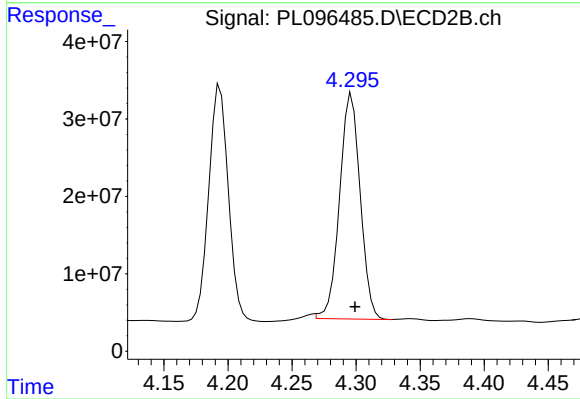
#5 Aldrin

R.T.: 5.242 min
Delta R.T.: -0.004 min
Response: 234059331
Conc: 48.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT2286MS

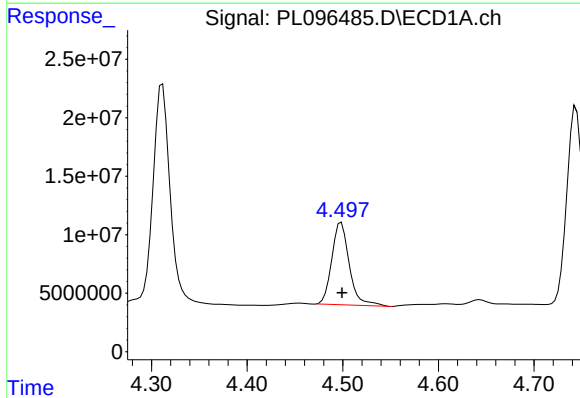
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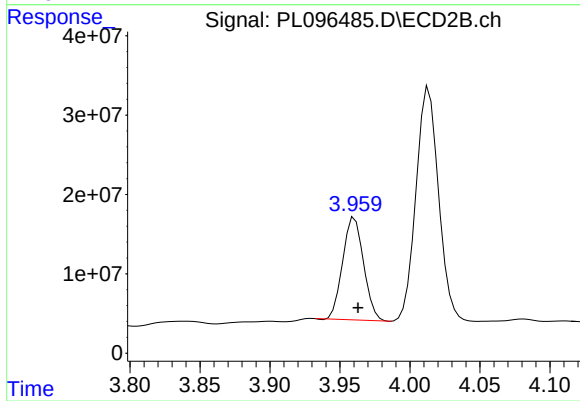
#5 Aldrin

R.T.: 4.295 min
Delta R.T.: -0.004 min
Response: 325376993
Conc: 44.60 ng/ml m



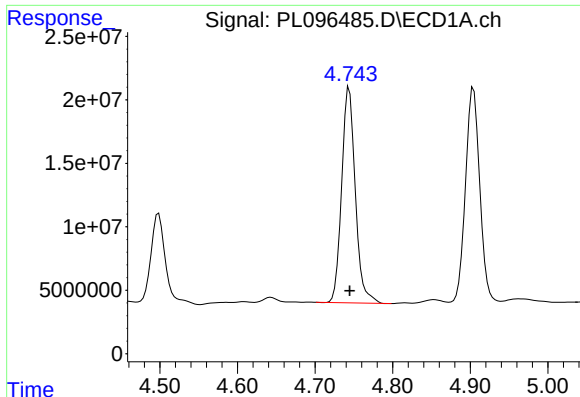
#6 beta-BHC

R.T.: 4.498 min
Delta R.T.: -0.001 min
Response: 89450562
Conc: 43.03 ng/ml



#6 beta-BHC

R.T.: 3.961 min
Delta R.T.: -0.002 min
Response: 134399340
Conc: 39.25 ng/ml



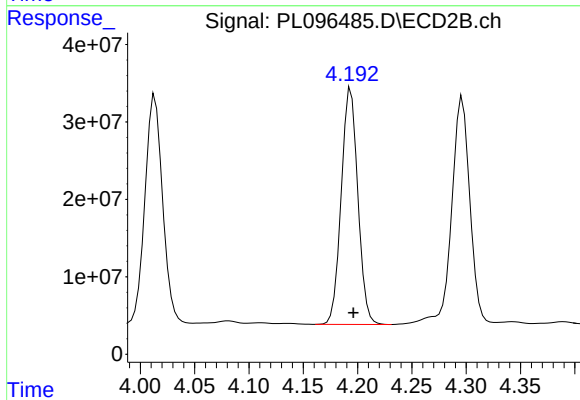
#7 delta-BHC

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 207860865
Conc: 46.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT2286MS

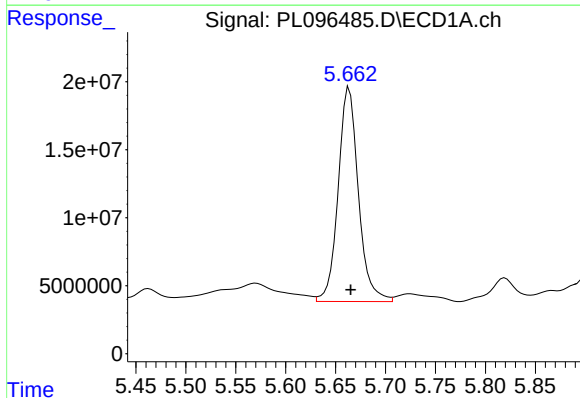
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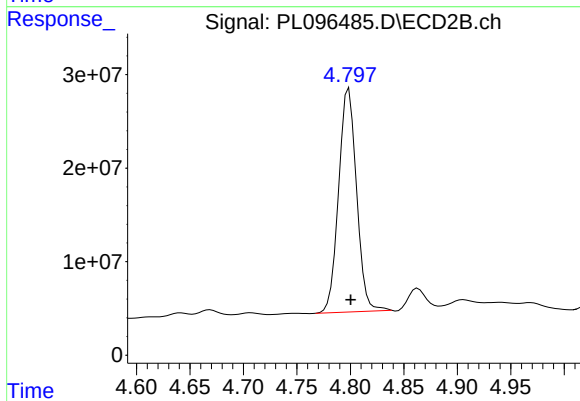
#7 delta-BHC

R.T.: 4.194 min
Delta R.T.: -0.002 min
Response: 325332332
Conc: 42.24 ng/ml



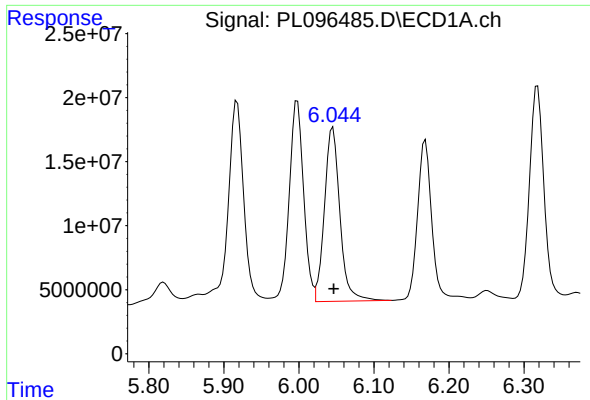
#8 Heptachlor epoxide

R.T.: 5.664 min
Delta R.T.: -0.002 min
Response: 222262155
Conc: 53.57 ng/ml



#8 Heptachlor epoxide

R.T.: 4.799 min
Delta R.T.: -0.002 min
Response: 280222115
Conc: 41.92 ng/ml



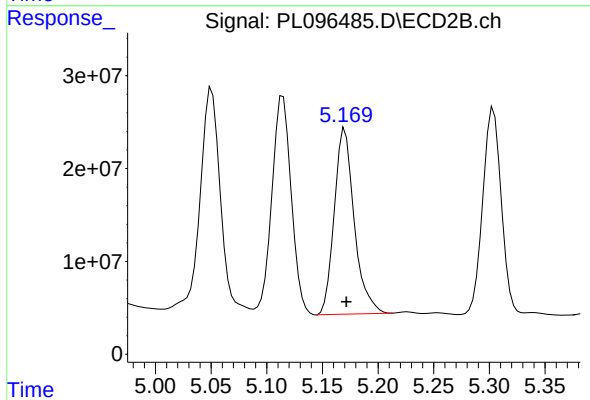
#9 Endosulfan I

R.T.: 6.045 min
Delta R.T.: -0.001 min
Response: 194505009
Conc: 48.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT2286MS

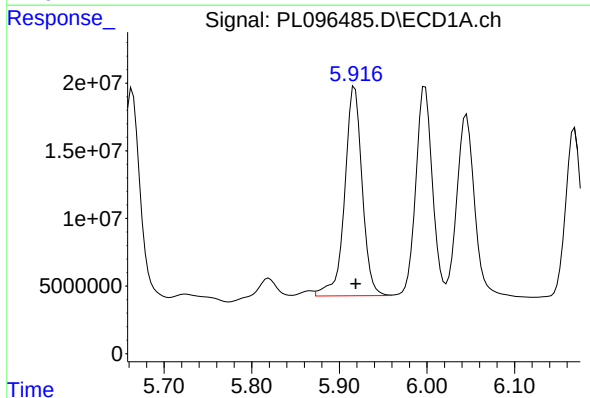
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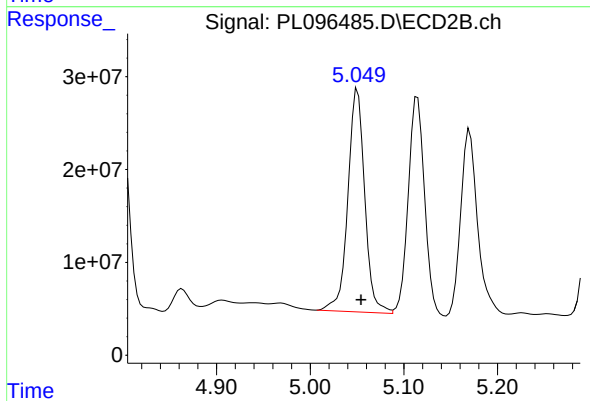
#9 Endosulfan I

R.T.: 5.170 min
Delta R.T.: -0.001 min
Response: 249912652
Conc: 34.84 ng/ml



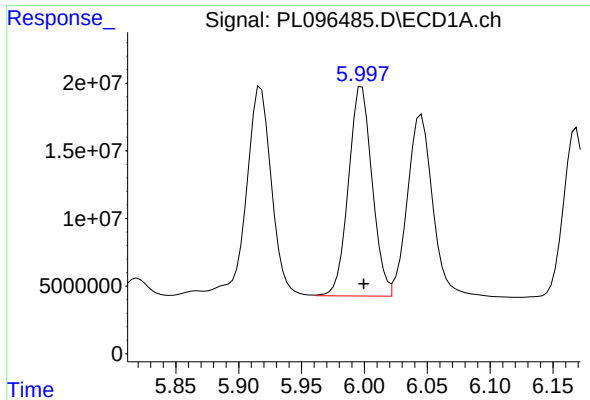
#10 gamma-Chlordane

R.T.: 5.916 min
Delta R.T.: -0.003 min
Response: 214272849
Conc: 48.43 ng/ml m



#10 gamma-Chlordane

R.T.: 5.051 min
Delta R.T.: -0.004 min
Response: 301011434
Conc: 42.88 ng/ml



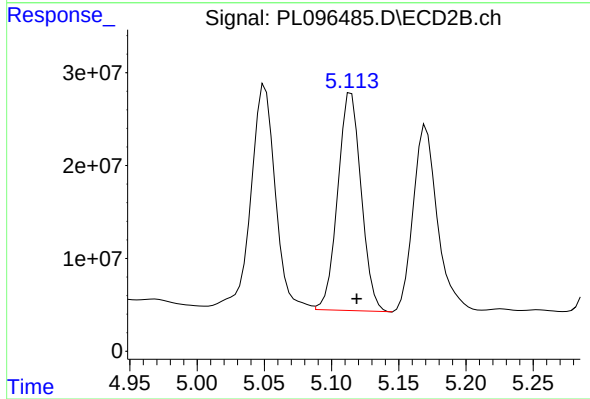
#11 alpha-Chlordane

R.T.: 5.997 min
Delta R.T.: -0.003 min
Response: 205563796
Conc: 46.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT2286MS

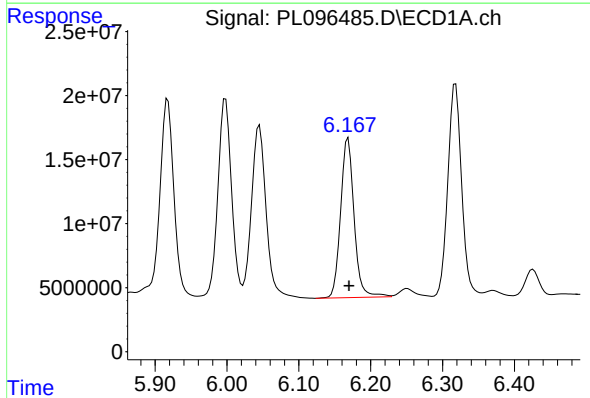
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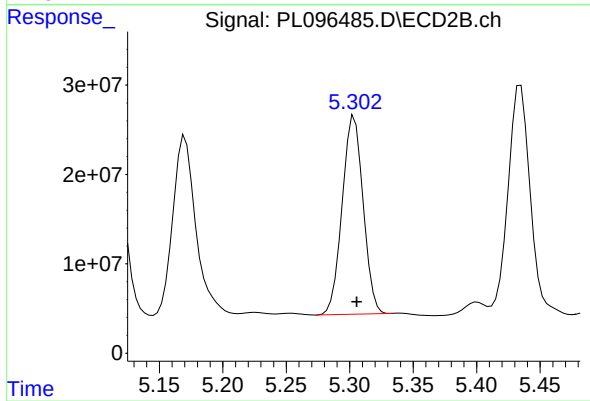
#11 alpha-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.004 min
Response: 283125528
Conc: 37.65 ng/ml



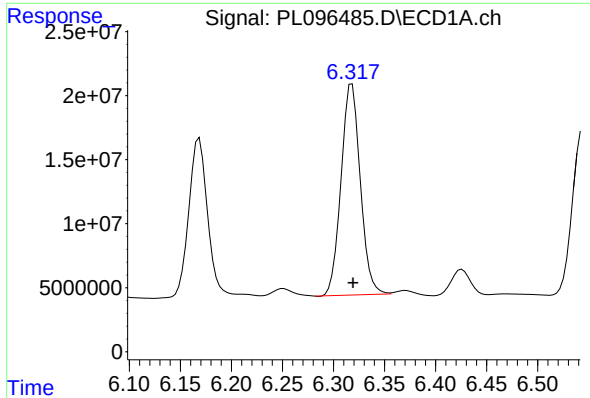
#12 4,4'-DDE

R.T.: 6.169 min
Delta R.T.: -0.001 min
Response: 162338558
Conc: 43.79 ng/ml



#12 4,4'-DDE

R.T.: 5.304 min
Delta R.T.: -0.002 min
Response: 254743071
Conc: 39.41 ng/ml



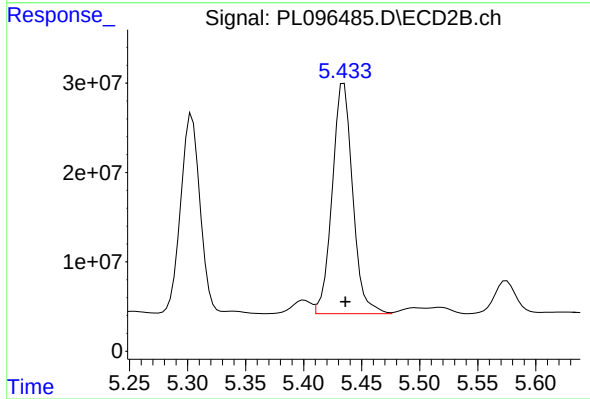
#13 Dieldrin

R.T.: 6.318 min
Delta R.T.: 0.000 min
Response: 216198759
Conc: 51.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT2286MS

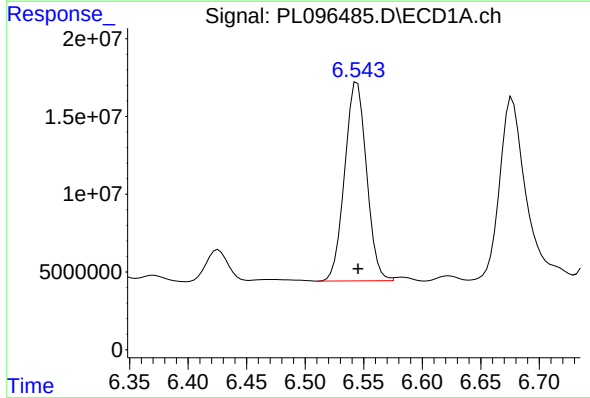
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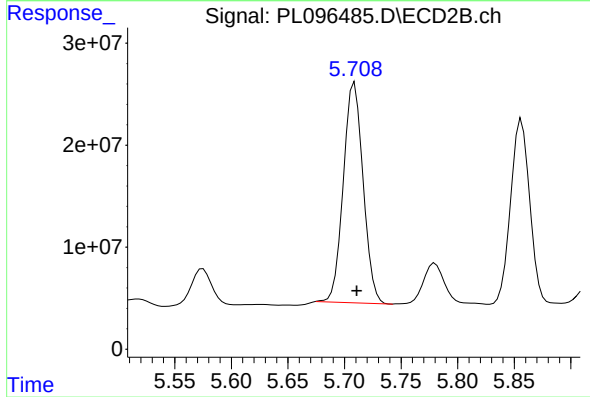
#13 Dieldrin

R.T.: 5.435 min
Delta R.T.: -0.001 min
Response: 317140615
Conc: 46.51 ng/ml



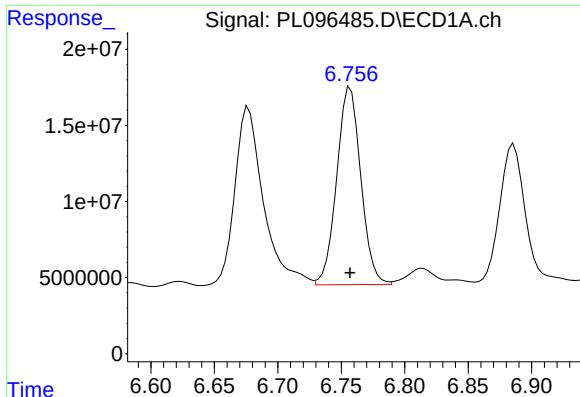
#14 Endrin

R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 166000838
Conc: 53.37 ng/ml



#14 Endrin

R.T.: 5.709 min
Delta R.T.: -0.002 min
Response: 262575142
Conc: 43.07 ng/ml



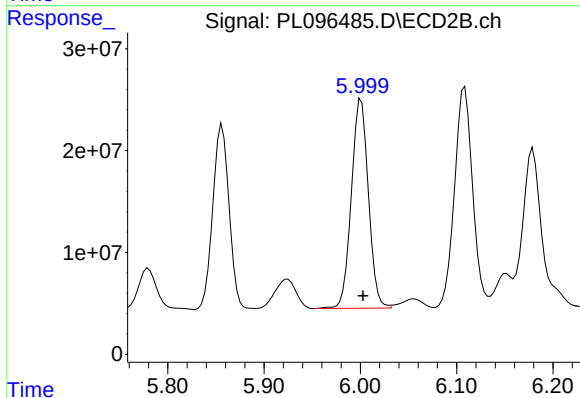
#15 Endosulfan II

R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 171613188
Conc: 49.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT2286MS

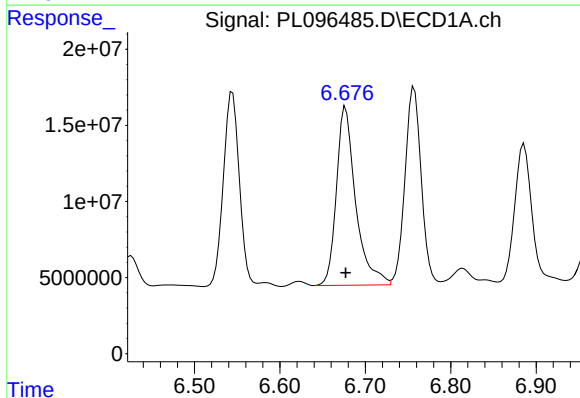
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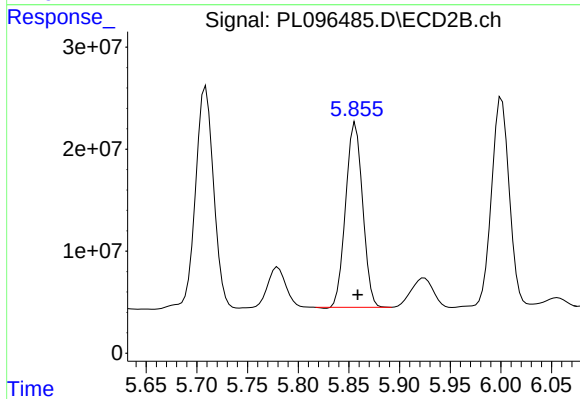
#15 Endosulfan II

R.T.: 6.001 min
Delta R.T.: -0.002 min
Response: 252296729
Conc: 43.03 ng/ml



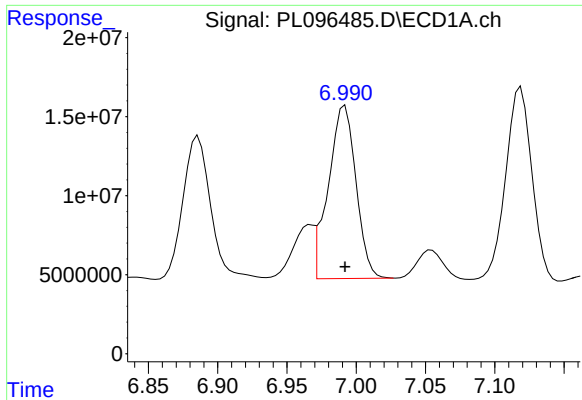
#16 4,4'-DDD

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 184374251
Conc: 63.32 ng/ml



#16 4,4'-DDD

R.T.: 5.856 min
Delta R.T.: -0.002 min
Response: 210352325
Conc: 41.01 ng/ml



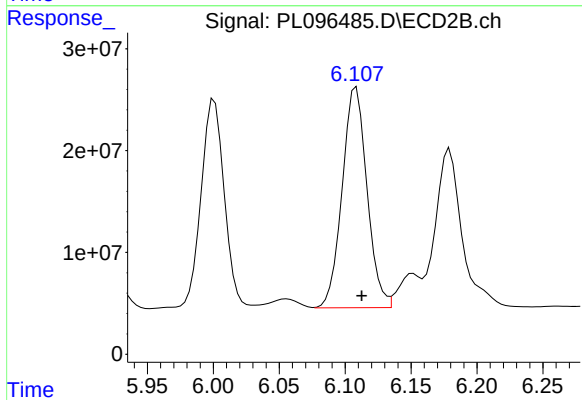
#17 4,4'-DDT

R.T.: 6.990 min
Delta R.T.: -0.001 min
Response: 149484765
Conc: 49.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT2286MS

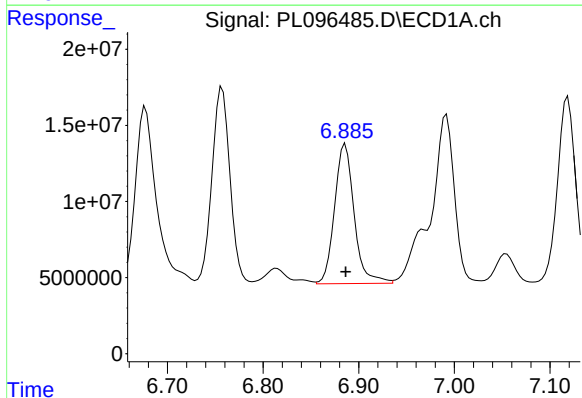
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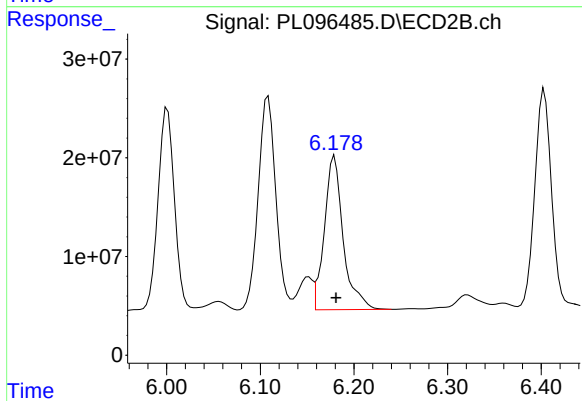
#17 4,4'-DDT

R.T.: 6.108 min
Delta R.T.: -0.004 min
Response: 283200636
Conc: 49.38 ng/ml



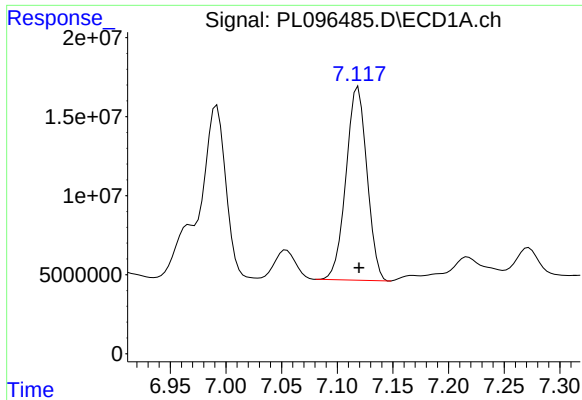
#18 Endrin aldehyde

R.T.: 6.886 min
Delta R.T.: 0.000 min
Response: 130703369
Conc: 58.47 ng/ml



#18 Endrin aldehyde

R.T.: 6.179 min
Delta R.T.: -0.002 min
Response: 217892290
Conc: 48.91 ng/ml



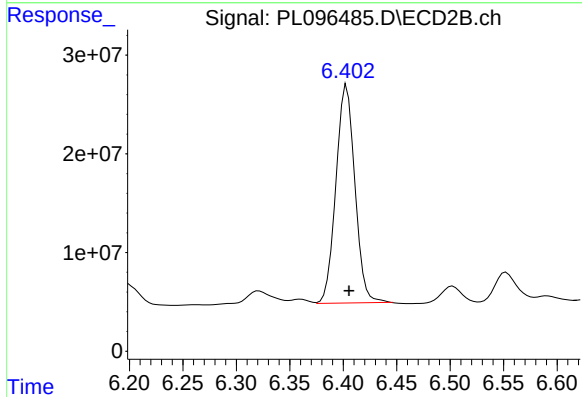
#19 Endosulfan Sulfate

R.T.: 7.119 min
Delta R.T.: 0.000 min
Response: 160588718
Conc: 52.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT2286MS

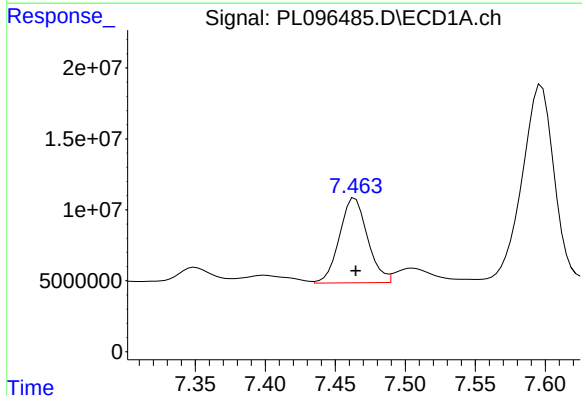
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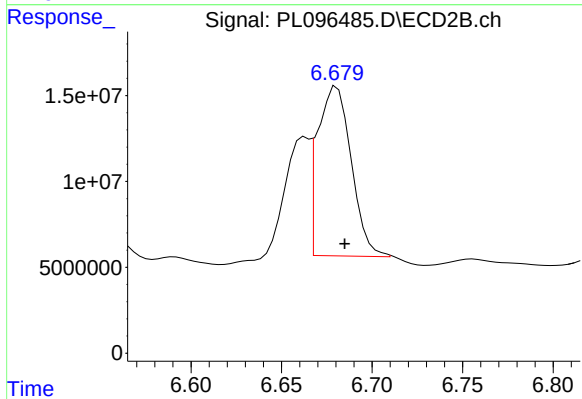
#19 Endosulfan Sulfate

R.T.: 6.403 min
Delta R.T.: -0.002 min
Response: 272912925
Conc: 48.52 ng/ml



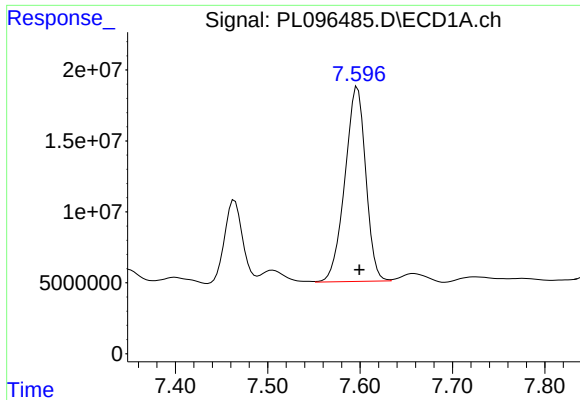
#20 Methoxychlor

R.T.: 7.464 min
Delta R.T.: 0.000 min
Response: 83440702
Conc: 52.96 ng/ml



#20 Methoxychlor

R.T.: 6.679 min
Delta R.T.: -0.006 min
Response: 122976960
Conc: 40.48 ng/ml m



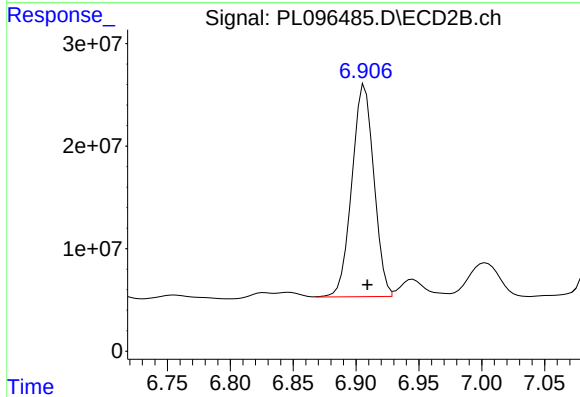
#21 Endrin ketone

R.T.: 7.596 min
Delta R.T.: -0.004 min
Response: 215005554
Conc: 65.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT2286MS

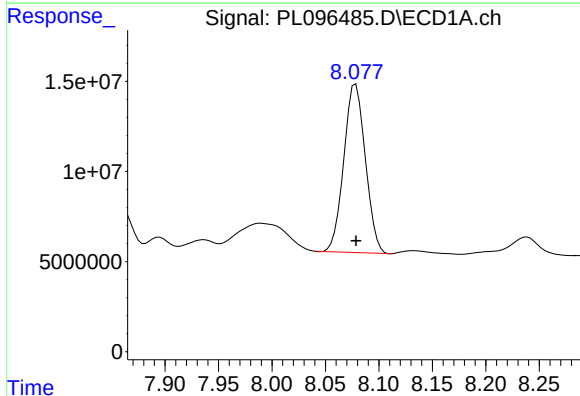
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Reviewed By :Abdul Mirza 07/22/2025
Supervised By :mohammad ahmed 07/23/2025



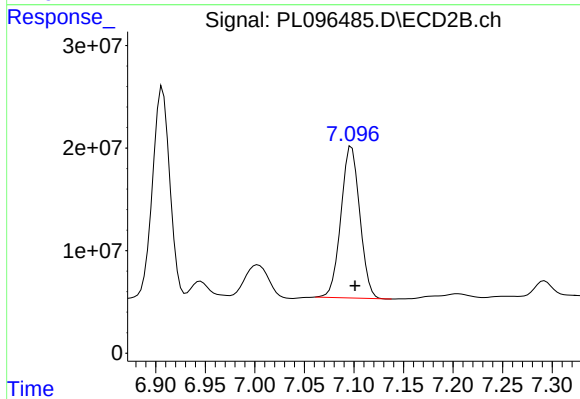
#21 Endrin ketone

R.T.: 6.906 min
Delta R.T.: -0.003 min
Response: 252480034
Conc: 40.38 ng/ml m



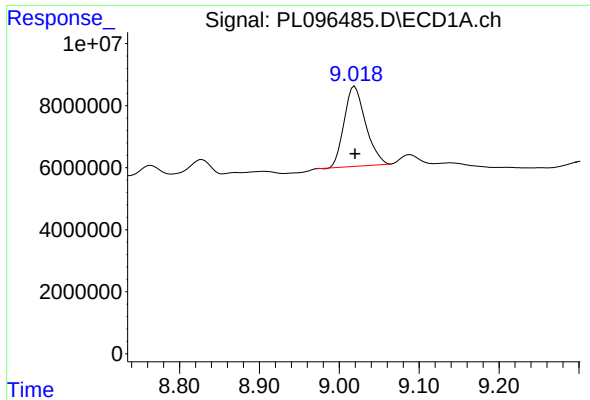
#22 Mirex

R.T.: 8.078 min
Delta R.T.: 0.000 min
Response: 131041880
Conc: 47.10 ng/ml



#22 Mirex

R.T.: 7.098 min
Delta R.T.: -0.003 min
Response: 195865261
Conc: 39.42 ng/ml



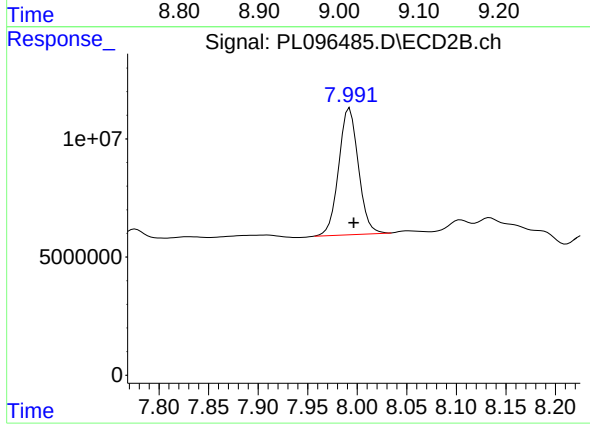
#28 Decachlorobiphenyl

R.T.: 9.019 min
Delta R.T.: 0.000 min
Response: 48153844
Conc: 17.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT2286MS

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 07/23/2025



#28 Decachlorobiphenyl

R.T.: 7.992 min
Delta R.T.: -0.004 min
Response: 73981879
Conc: 14.84 ng/ml