

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081925\
 Data File : PL096883.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 11:07
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/20/2025
 Supervised By : mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 01:36:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 08 15:43:38 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...	3.529	2.823	169.2E6	254.8E6	53.186	53.324
28)	SA Decachlor...	9.006	7.987	119.6E6	204.2E6	50.149	47.069
Target Compounds							
2)	A alpha-BHC	3.977	3.328	248.2E6	377.1E6	53.657	53.286
3)	MA gamma-BHC...	4.303	3.660	235.4E6	347.6E6	53.208m	52.643
4)	MA Heptachlor	4.896	4.009	237.2E6	351.2E6	57.081	52.724
5)	MB Aldrin	5.235	4.292	227.5E6	325.1E6	52.904	52.372
6)	B beta-BHC	4.490	3.957	97256234	148.6E6	53.883m	52.661
7)	B delta-BHC	4.737	4.190	212.8E6	342.2E6	53.328	52.863
8)	B Heptachlo...	5.655	4.794	203.1E6	298.8E6	52.662	52.325
9)	A Endosulfan I	6.037	5.165	186.2E6	270.6E6	51.769	48.920
10)	B gamma-Chl...	5.909	5.045	203.1E6	309.4E6	53.377	52.618
11)	B alpha-Chl...	5.989	5.110	202.6E6	304.8E6	52.569	51.670
12)	B 4,4'-DDE	6.160	5.298	168.4E6	289.9E6	52.426	52.573
13)	MA Dieldrin	6.309	5.428	189.8E6	309.3E6	51.151	52.368m
14)	MA Endrin	6.534	5.704	157.2E6	285.9E6	51.934m	52.879
15)	B Endosulfa...	6.748	5.995	159.4E6	260.7E6	49.768m	50.757
16)	A 4,4'-DDD	6.669	5.851	137.7E6	242.4E6	54.455	51.515
17)	MA 4,4'-DDT	6.983	6.104	150.1E6	269.6E6	52.341	53.290
18)	B Endrin al...	6.876	6.174	101.1E6	182.1E6	47.134m	50.093
19)	B Endosulfa...	7.111	6.397	141.5E6	249.5E6	49.232	49.063
20)	A Methoxychlor	7.455	6.676	77903392	135.5E6	53.055	49.440
21)	B Endrin ke...	7.591	6.900	150.5E6	304.2E6	50.050	54.619m
22)	Mirex	8.068	7.092	123.1E6	215.1E6	49.656m	49.332

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

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Data File : PL096883.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:07
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

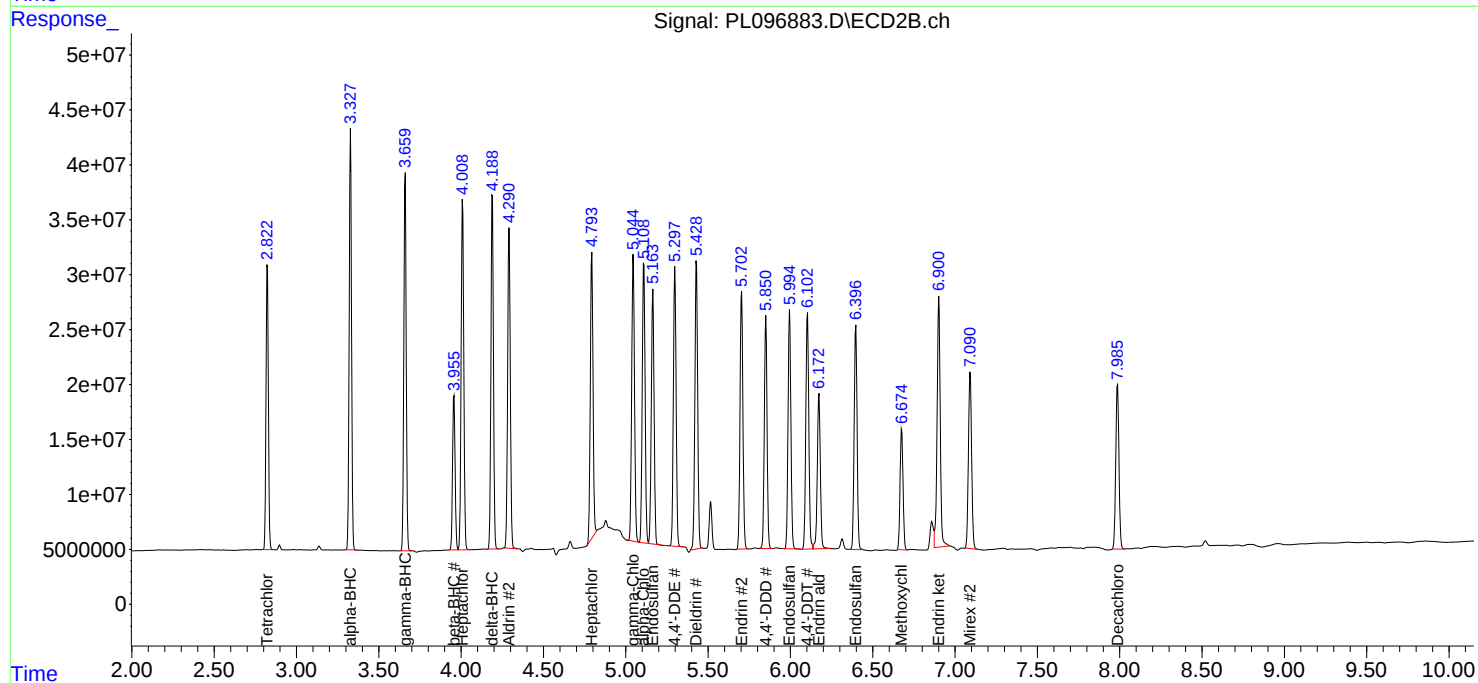
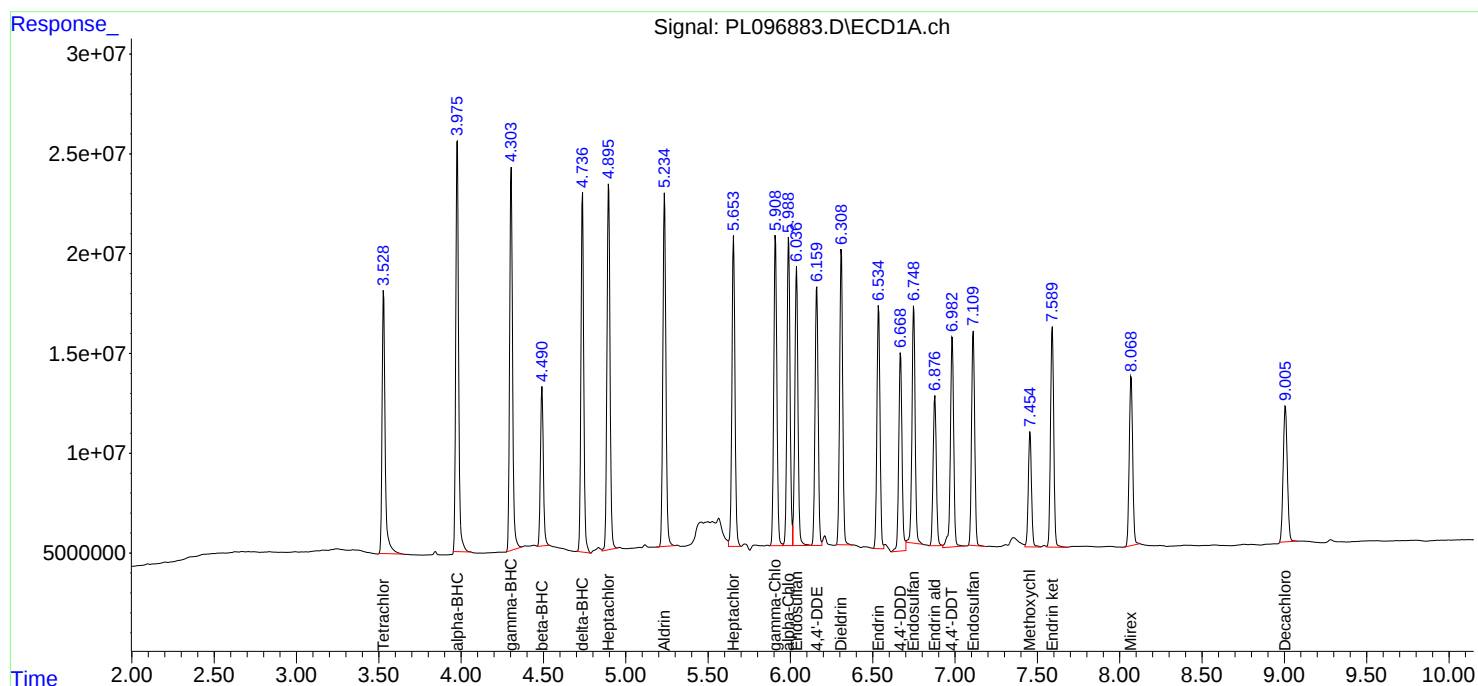
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

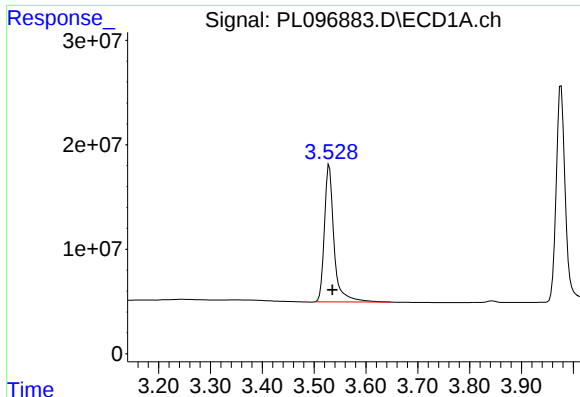
Manual Integrations
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Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 01:36:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 08 15:43:38 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





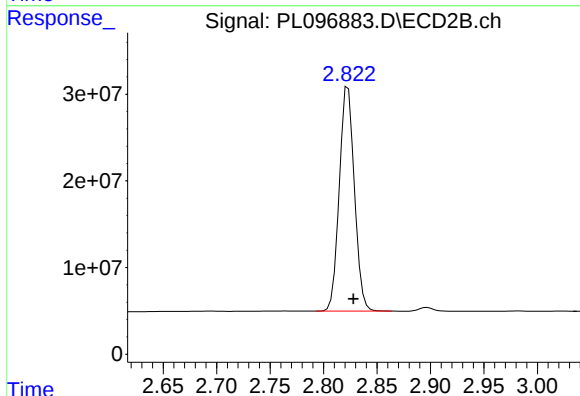
#1 Tetrachloro-m-xylene

R.T.: 3.529 min
Delta R.T.: -0.006 min
Response: 169172451
Conc: 53.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

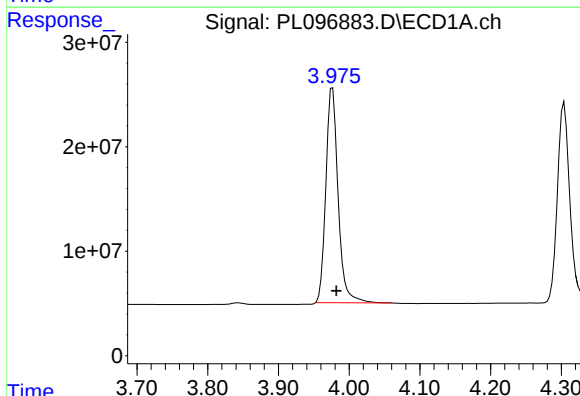
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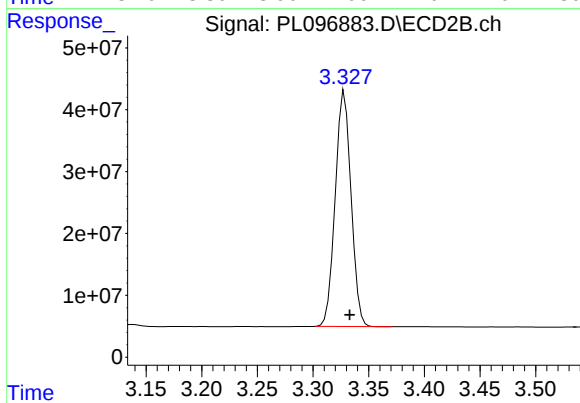
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: -0.005 min
Response: 254768808
Conc: 53.32 ng/ml



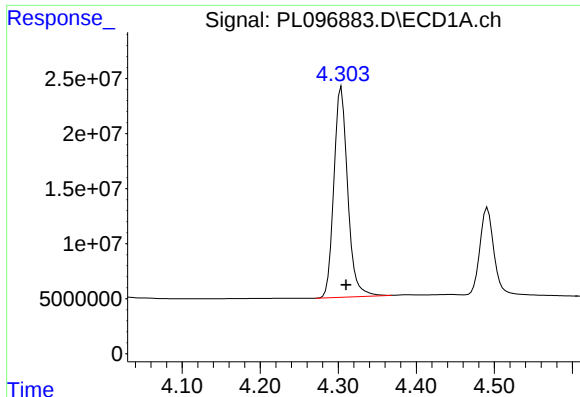
#2 alpha-BHC

R.T.: 3.977 min
Delta R.T.: -0.006 min
Response: 248235866
Conc: 53.66 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: -0.005 min
Response: 377109164
Conc: 53.29 ng/ml



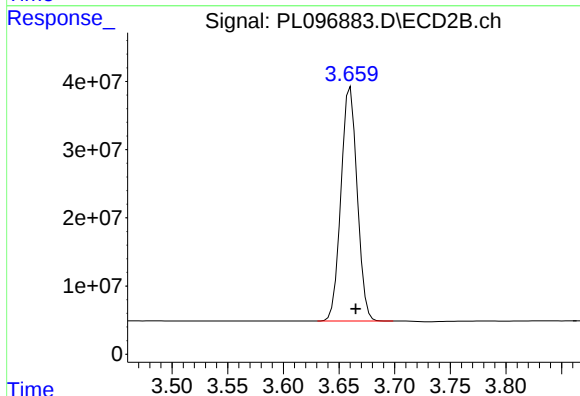
#3 gamma-BHC (Lindane)

R.T.: 4.303 min
Delta R.T.: -0.008 min
Response: 235363894
Conc: 53.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

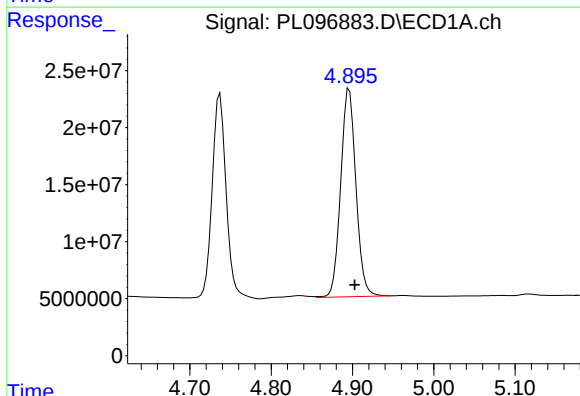
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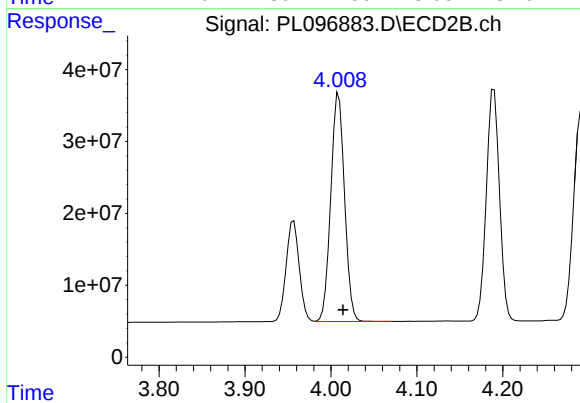
#3 gamma-BHC (Lindane)

R.T.: 3.660 min
Delta R.T.: -0.005 min
Response: 347622328
Conc: 52.64 ng/ml



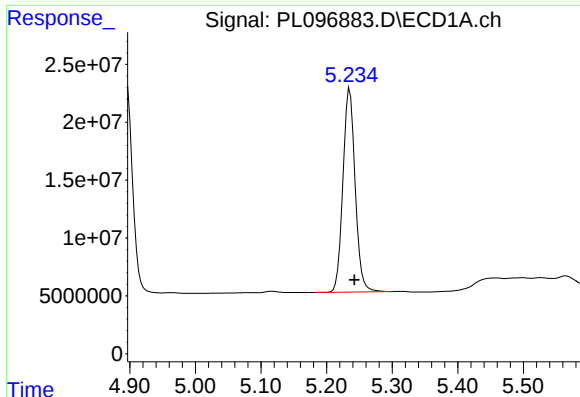
#4 Heptachlor

R.T.: 4.896 min
Delta R.T.: -0.007 min
Response: 237208958
Conc: 57.08 ng/ml



#4 Heptachlor

R.T.: 4.009 min
Delta R.T.: -0.005 min
Response: 351242008
Conc: 52.72 ng/ml



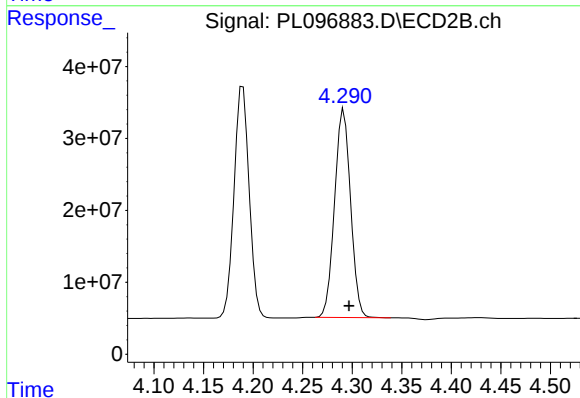
#5 Aldrin

R.T.: 5.235 min
Delta R.T.: -0.007 min
Response: 227541406
Conc: 52.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

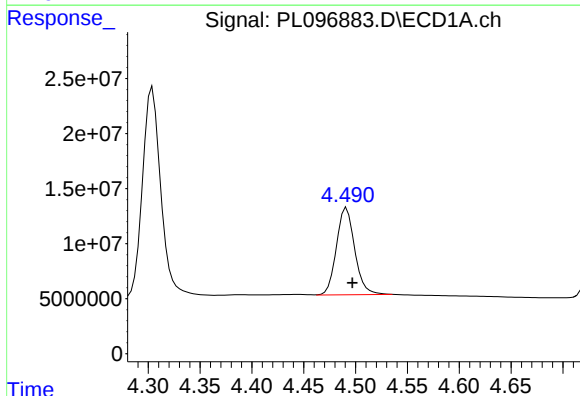
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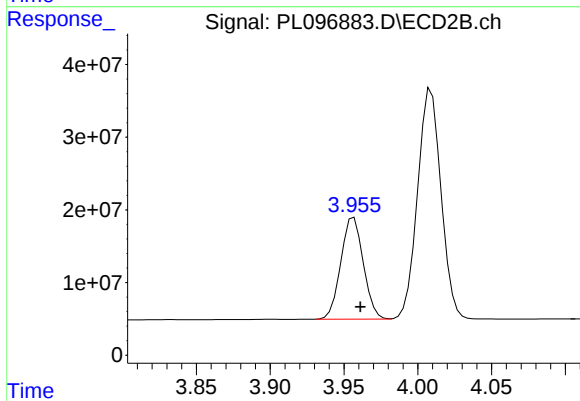
#5 Aldrin

R.T.: 4.292 min
Delta R.T.: -0.005 min
Response: 325078016
Conc: 52.37 ng/ml



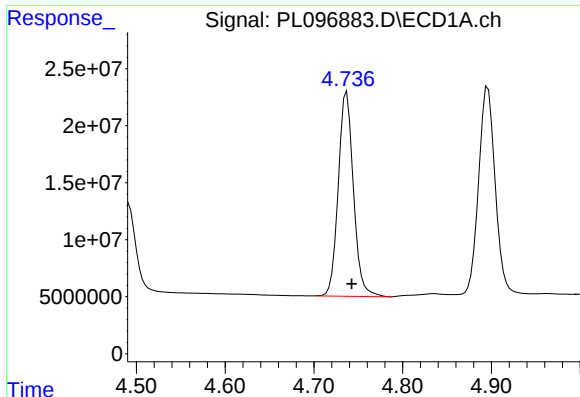
#6 beta-BHC

R.T.: 4.490 min
Delta R.T.: -0.007 min
Response: 97256234
Conc: 53.88 ng/ml m



#6 beta-BHC

R.T.: 3.957 min
Delta R.T.: -0.004 min
Response: 148550185
Conc: 52.66 ng/ml



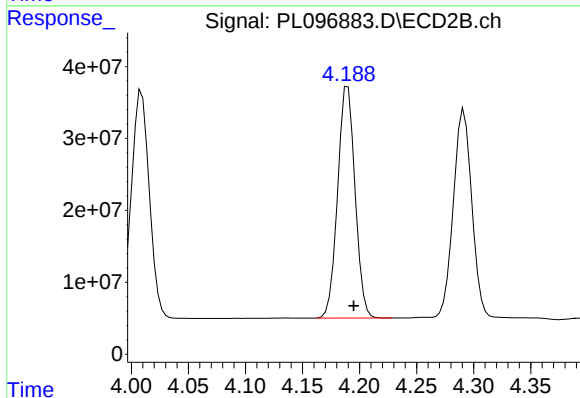
#7 delta-BHC

R.T.: 4.737 min
Delta R.T.: -0.005 min
Response: 212769495
Conc: 53.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

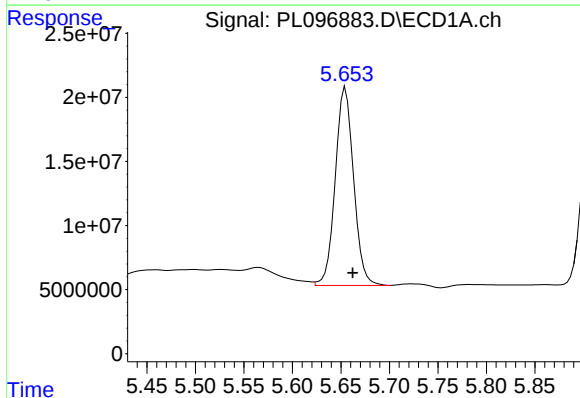
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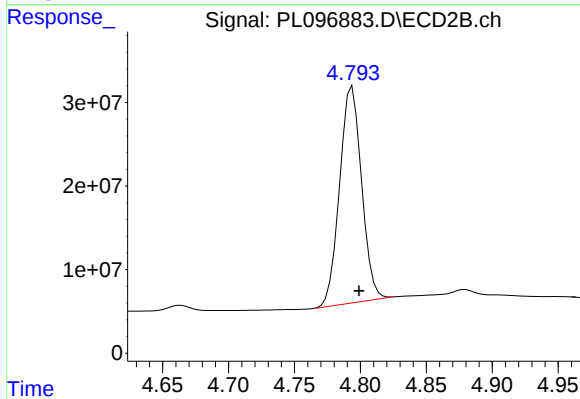
#7 delta-BHC

R.T.: 4.190 min
Delta R.T.: -0.005 min
Response: 342215690
Conc: 52.86 ng/ml



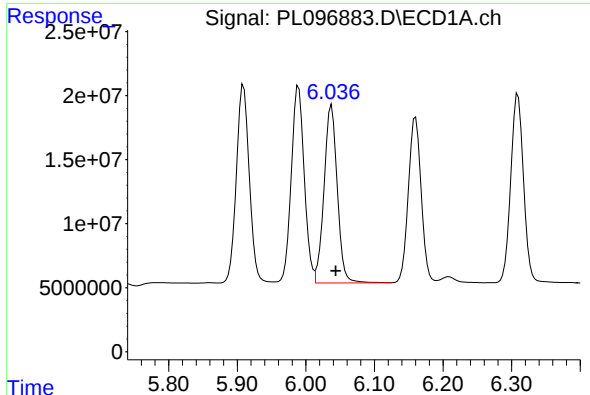
#8 Heptachlor epoxide

R.T.: 5.655 min
Delta R.T.: -0.008 min
Response: 203092232
Conc: 52.66 ng/ml



#8 Heptachlor epoxide

R.T.: 4.794 min
Delta R.T.: -0.005 min
Response: 298847063
Conc: 52.33 ng/ml



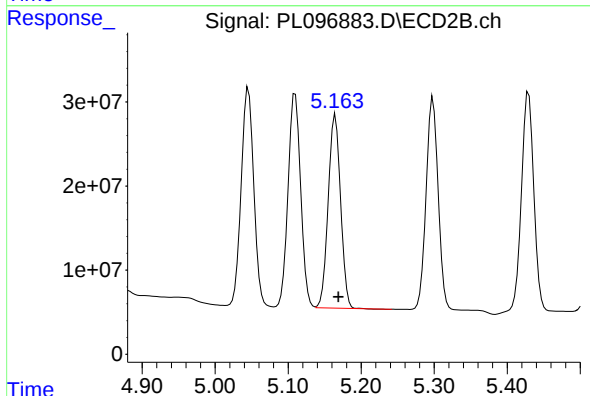
#9 Endosulfan I

R.T.: 6.037 min
Delta R.T.: -0.006 min
Response: 186180275
Conc: 51.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

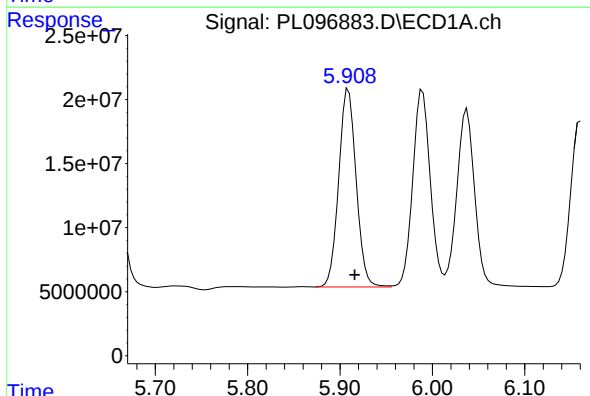
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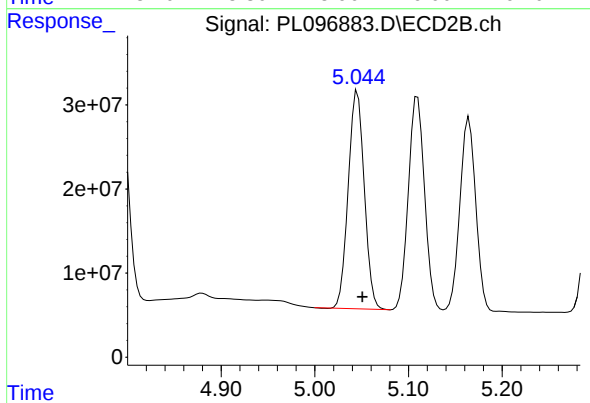
#9 Endosulfan I

R.T.: 5.165 min
Delta R.T.: -0.004 min
Response: 270594793
Conc: 48.92 ng/ml



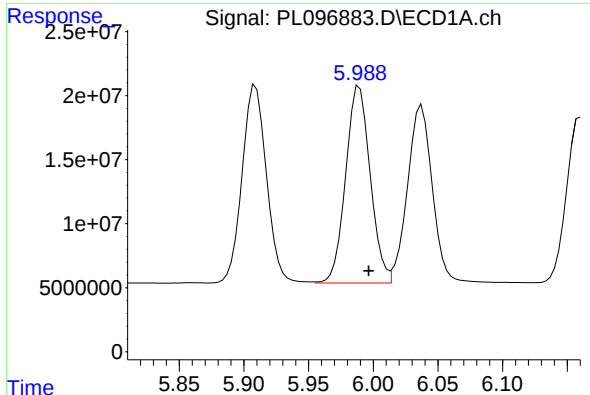
#10 gamma-Chlordane

R.T.: 5.909 min
Delta R.T.: -0.007 min
Response: 203111093
Conc: 53.38 ng/ml



#10 gamma-Chlordane

R.T.: 5.045 min
Delta R.T.: -0.006 min
Response: 309399514
Conc: 52.62 ng/ml



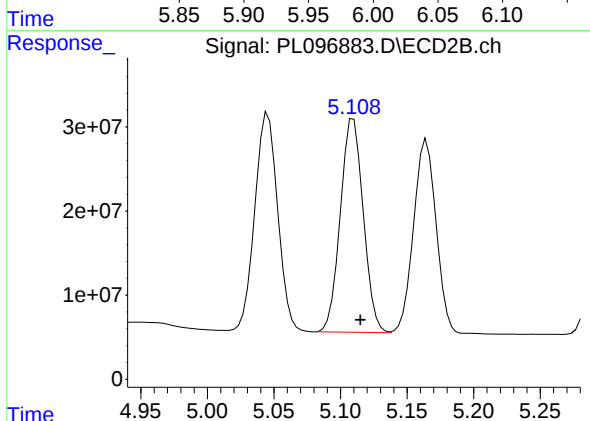
#11 alpha-Chlordane

R.T.: 5.989 min
Delta R.T.: -0.007 min
Response: 202635869
Conc: 52.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

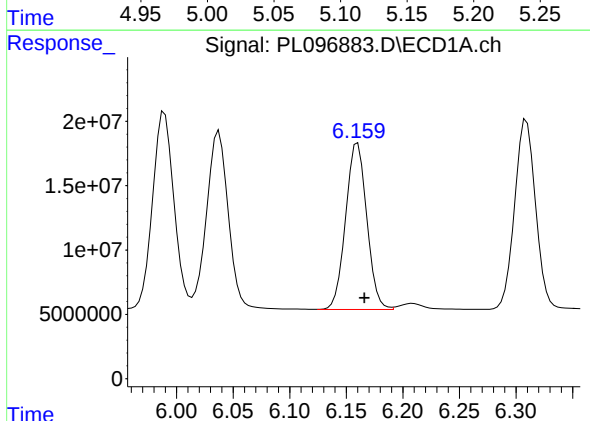
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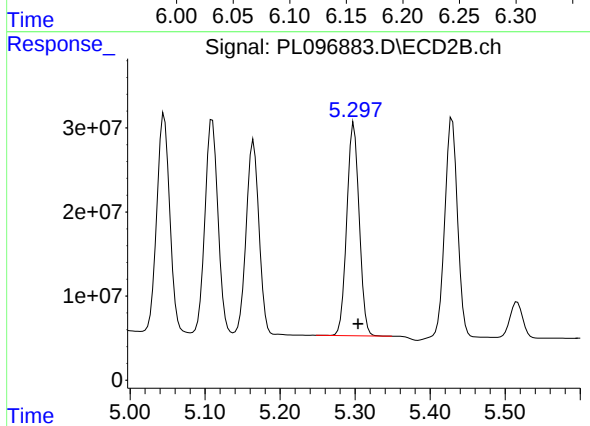
#11 alpha-Chlordane

R.T.: 5.110 min
Delta R.T.: -0.005 min
Response: 304797223
Conc: 51.67 ng/ml



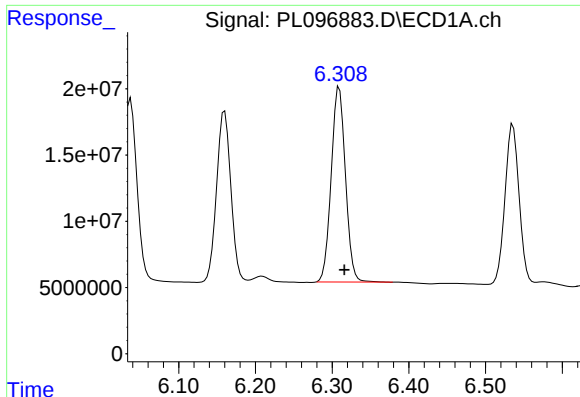
#12 4,4'-DDE

R.T.: 6.160 min
Delta R.T.: -0.006 min
Response: 168352423
Conc: 52.43 ng/ml



#12 4,4'-DDE

R.T.: 5.298 min
Delta R.T.: -0.006 min
Response: 289908511
Conc: 52.57 ng/ml



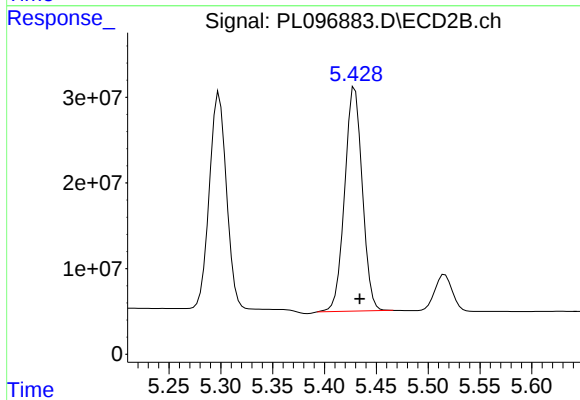
#13 Dieldrin

R.T.: 6.309 min
Delta R.T.: -0.007 min
Response: 189828288
Conc: 51.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

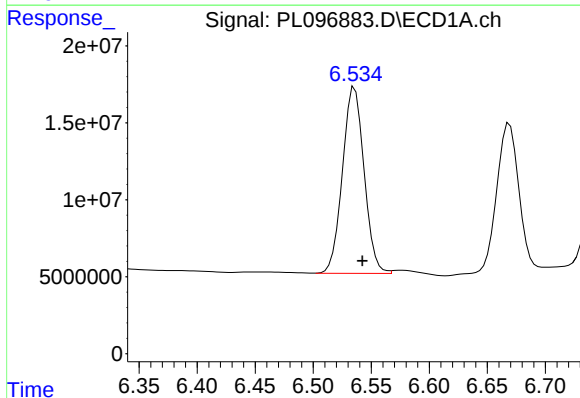
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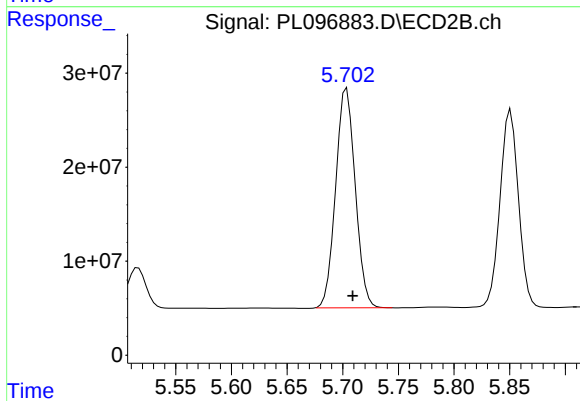
#13 Dieldrin

R.T.: 5.428 min
Delta R.T.: -0.006 min
Response: 309313506
Conc: 52.37 ng/ml m



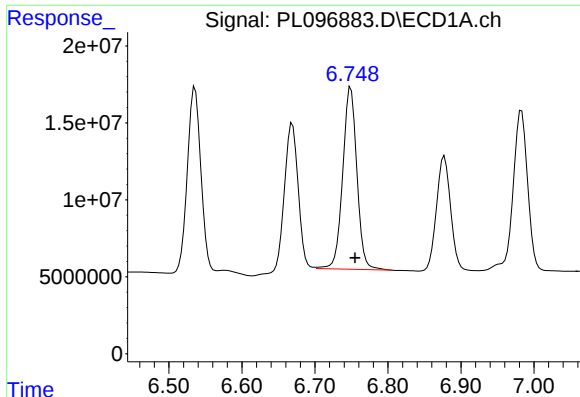
#14 Endrin

R.T.: 6.534 min
Delta R.T.: -0.008 min
Response: 157192352
Conc: 51.93 ng/ml m



#14 Endrin

R.T.: 5.704 min
Delta R.T.: -0.005 min
Response: 285859722
Conc: 52.88 ng/ml



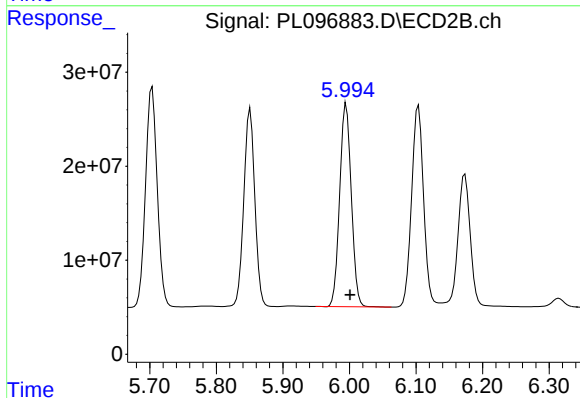
#15 Endosulfan II

R.T.: 6.748 min
Delta R.T.: -0.007 min
Response: 159388669
Conc: 49.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

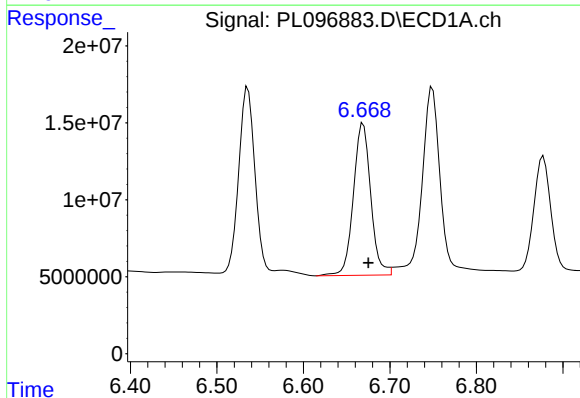
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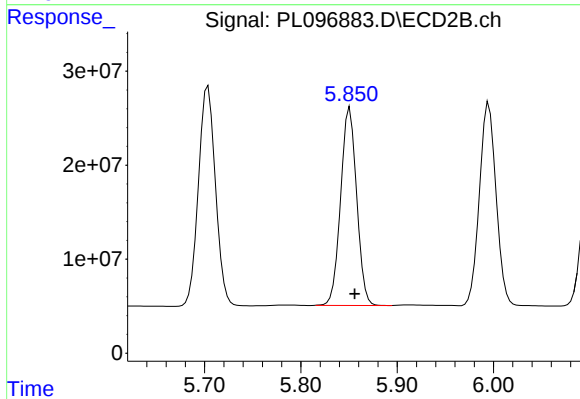
#15 Endosulfan II

R.T.: 5.995 min
Delta R.T.: -0.006 min
Response: 260701440
Conc: 50.76 ng/ml



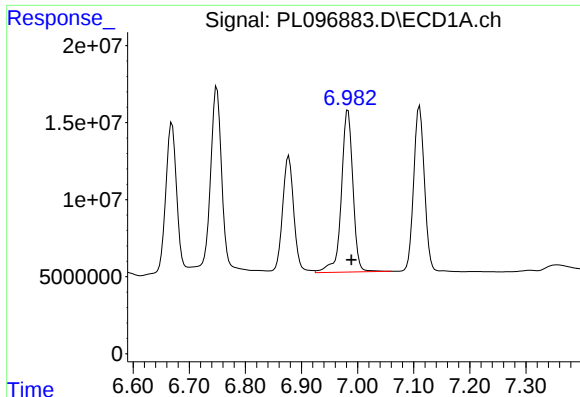
#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: -0.006 min
Response: 137681415
Conc: 54.45 ng/ml



#16 4,4'-DDD

R.T.: 5.851 min
Delta R.T.: -0.005 min
Response: 242394830
Conc: 51.52 ng/ml



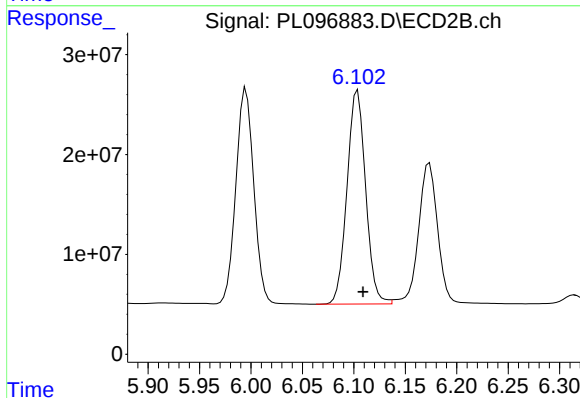
#17 4,4'-DDT

R.T.: 6.983 min
Delta R.T.: -0.006 min
Response: 150097513
Conc: 52.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

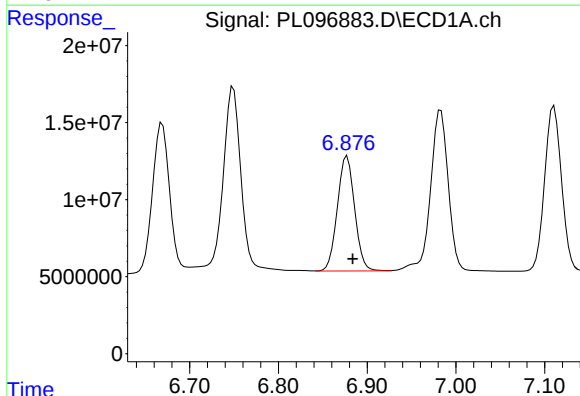
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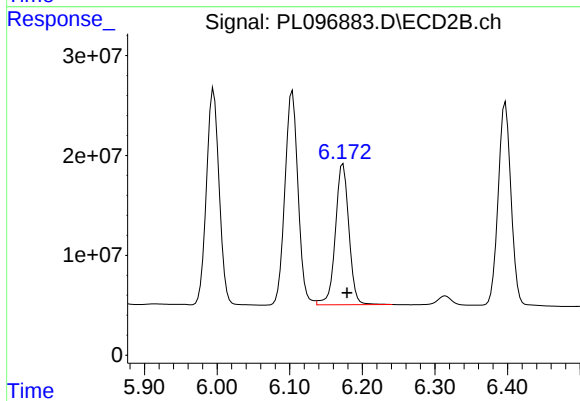
#17 4,4'-DDT

R.T.: 6.104 min
Delta R.T.: -0.005 min
Response: 269558197
Conc: 53.29 ng/ml



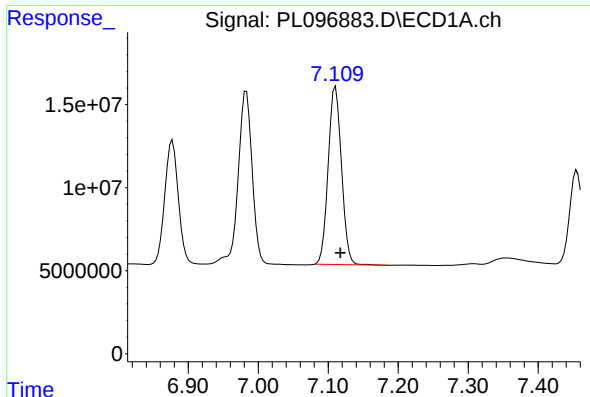
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: -0.008 min
Response: 101145055
Conc: 47.13 ng/ml m



#18 Endrin aldehyde

R.T.: 6.174 min
Delta R.T.: -0.005 min
Response: 182089817
Conc: 50.09 ng/ml



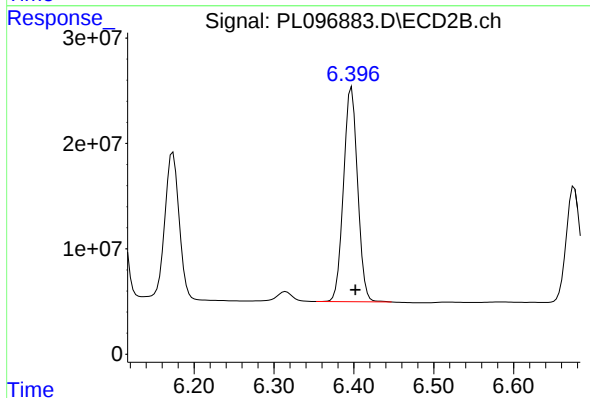
#19 Endosulfan Sulfate

R.T.: 7.111 min
Delta R.T.: -0.007 min
Response: 141477666
Conc: 49.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

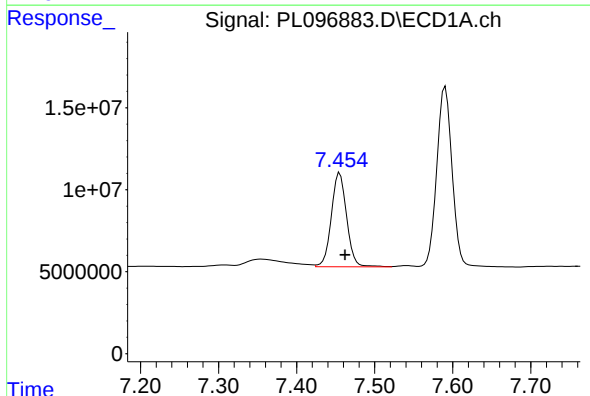
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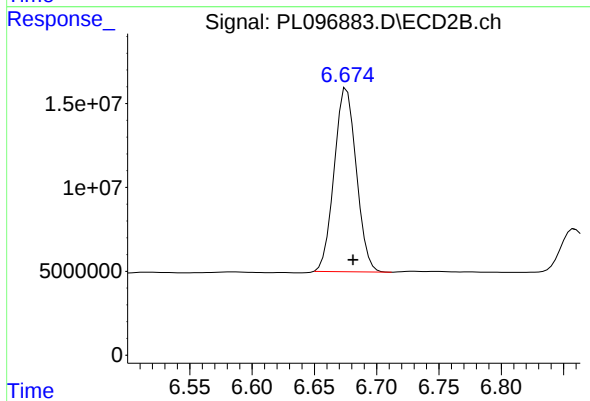
#19 Endosulfan Sulfate

R.T.: 6.397 min
Delta R.T.: -0.005 min
Response: 249546845
Conc: 49.06 ng/ml



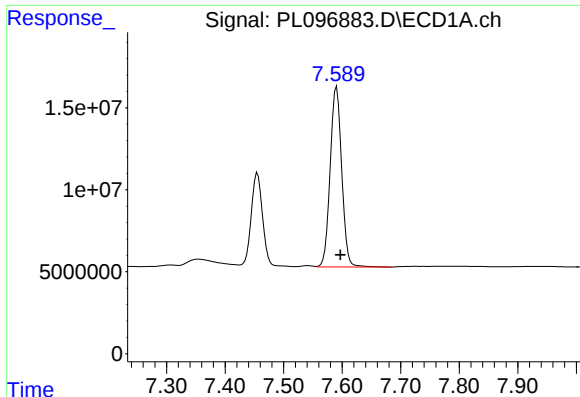
#20 Methoxychlor

R.T.: 7.455 min
Delta R.T.: -0.007 min
Response: 77903392
Conc: 53.05 ng/ml



#20 Methoxychlor

R.T.: 6.676 min
Delta R.T.: -0.005 min
Response: 135489493
Conc: 49.44 ng/ml



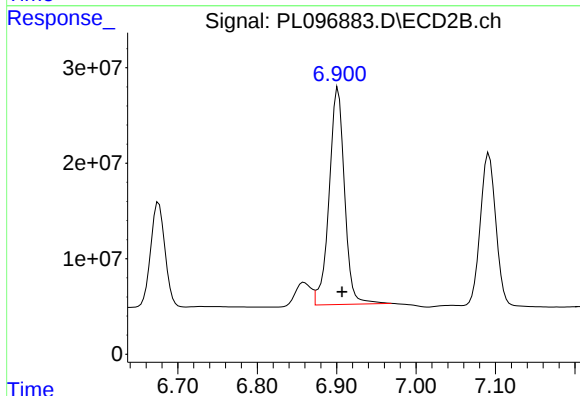
#21 Endrin ketone

R.T.: 7.591 min
Delta R.T.: -0.006 min
Response: 150485214
Conc: 50.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

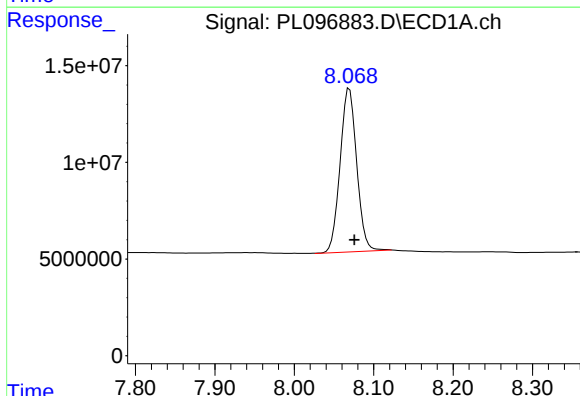
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



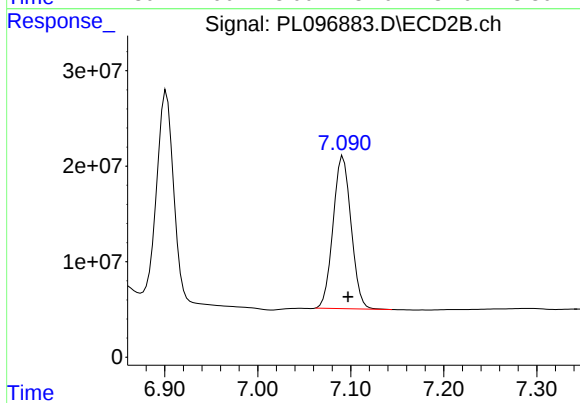
#21 Endrin ketone

R.T.: 6.900 min
Delta R.T.: -0.007 min
Response: 304212282
Conc: 54.62 ng/ml m



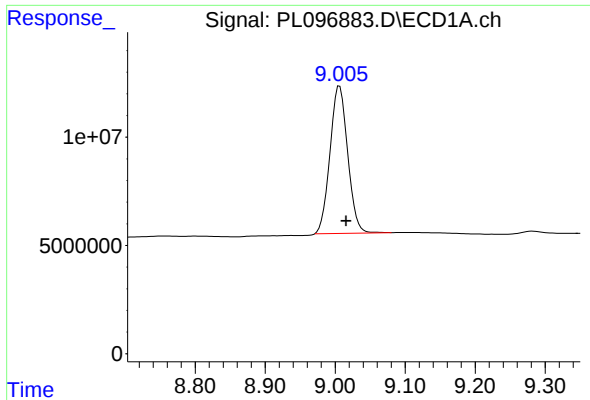
#22 Mirex

R.T.: 8.068 min
Delta R.T.: -0.008 min
Response: 123115537
Conc: 49.66 ng/ml m



#22 Mirex

R.T.: 7.092 min
Delta R.T.: -0.005 min
Response: 215128947
Conc: 49.33 ng/ml



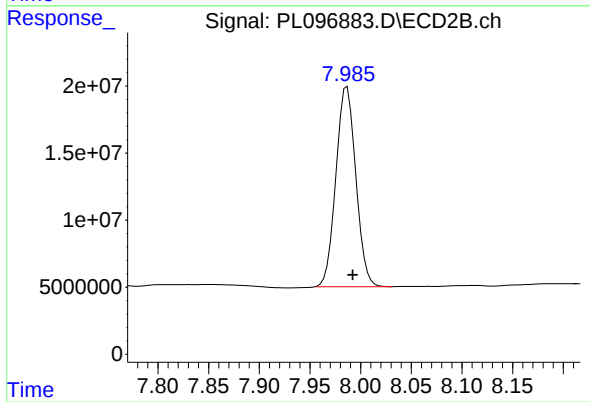
#28 Decachlorobiphenyl

R.T.: 9.006 min
Delta R.T.: -0.009 min
Response: 119588924
Conc: 50.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



#28 Decachlorobiphenyl

R.T.: 7.987 min
Delta R.T.: -0.005 min
Response: 204201924
Conc: 47.07 ng/ml