

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072925\
 Data File : PL096634.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2025 19:06
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/30/2025
 Supervised By : mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 01:54:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 08:58:13 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...	3.535	2.828	161.5E6	254.2E6	50.768	53.203
28)	SA Decachlor...	9.015	7.992	120.6E6	232.1E6	50.570	53.500
Target Compounds							
2)	A alpha-BHC	3.982	3.334	236.8E6	383.2E6	51.179	54.142
3)	MA gamma-BHC...	4.311	3.665	224.9E6	356.9E6	50.846	54.041
4)	MA Heptachlor	4.903	4.015	215.3E6	354.5E6	51.802	53.220
5)	MB Aldrin	5.243	4.297	215.5E6	332.1E6	50.099	53.510
6)	B beta-BHC	4.497	3.962	93267082	149.7E6	51.672	53.057
7)	B delta-BHC	4.741	4.195	207.5E6	347.9E6	52.006m	53.744
8)	B Heptachlo...	5.662	4.799	198.2E6	304.0E6	51.382	53.232
9)	A Endosulfan I	6.044	5.170	181.8E6	280.4E6	50.544	50.687
10)	B gamma-Chl...	5.916	5.051	195.6E6	313.9E6	51.406	53.377
11)	B alpha-Chl...	5.996	5.115	194.3E6	306.6E6	50.417	51.968
12)	B 4,4'-DDE	6.166	5.304	161.9E6	292.0E6	50.404	52.957
13)	MA Dieldrin	6.316	5.434	189.2E6	317.6E6	50.993	53.779m
14)	MA Endrin	6.542	5.710	152.8E6	289.3E6	50.488	53.521
15)	B Endosulfa...	6.755	6.002	158.4E6	271.2E6	49.453	52.796
16)	A 4,4'-DDD	6.675	5.857	129.9E6	249.1E6	51.379	52.935
17)	MA 4,4'-DDT	6.989	6.109	143.2E6	259.6E6	49.933	51.318
18)	B Endrin al...	6.884	6.179	114.1E6	207.3E6	53.162	56.239
19)	B Endosulfa...	7.117	6.403	146.3E6	273.0E6	50.898	53.667
20)	A Methoxychlor	7.462	6.681	73152176	140.8E6	49.819	51.368
21)	B Endrin ke...	7.597	6.907	154.9E6	293.9E6	51.516	52.760
22)	Mirex	8.076	7.097	126.9E6	228.5E6	51.178	52.401

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072925\
Data File : PL096634.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 19:06
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

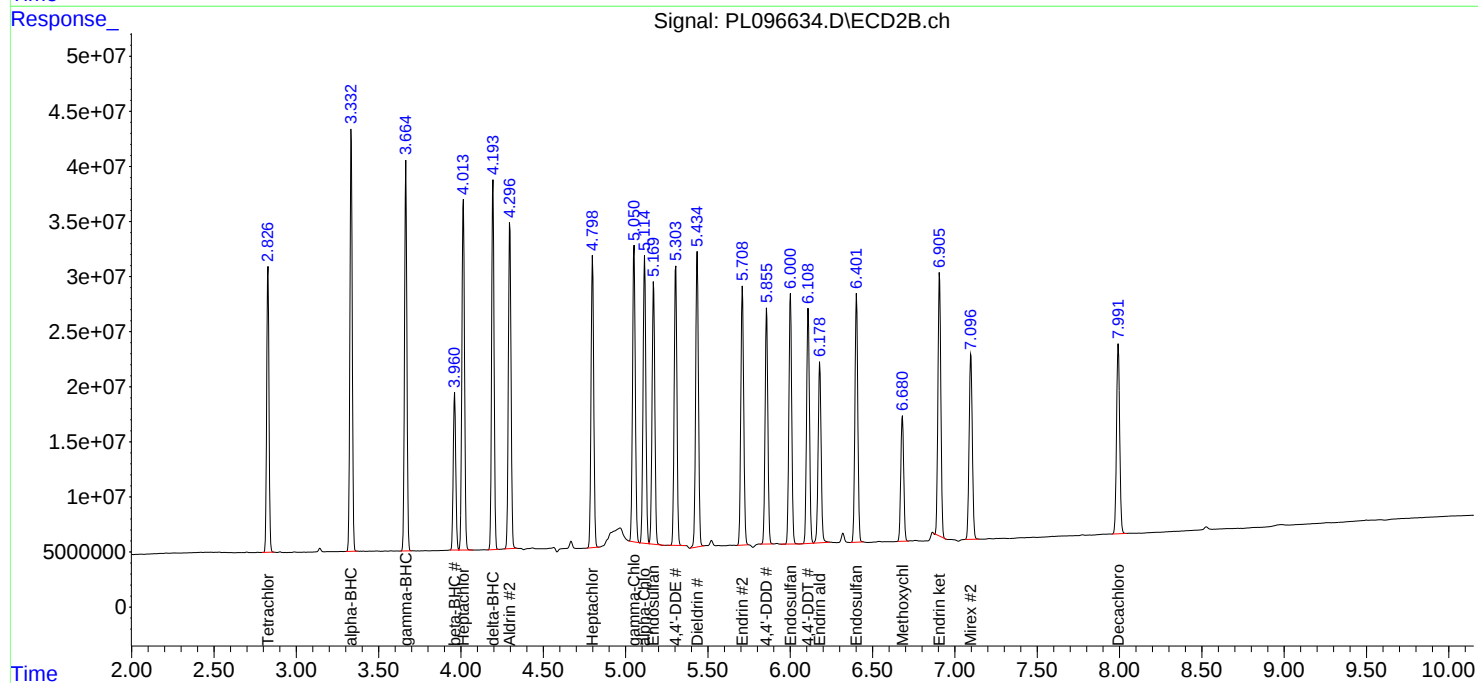
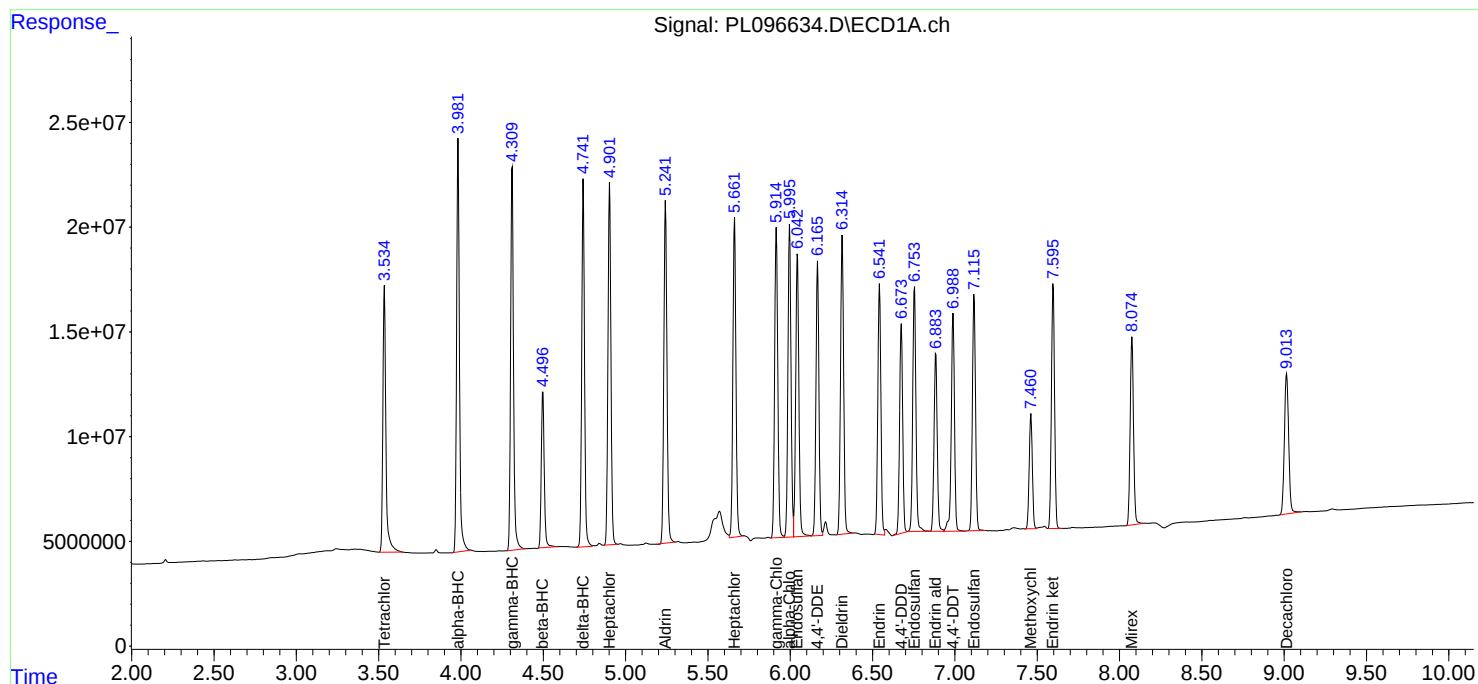
APPROVED

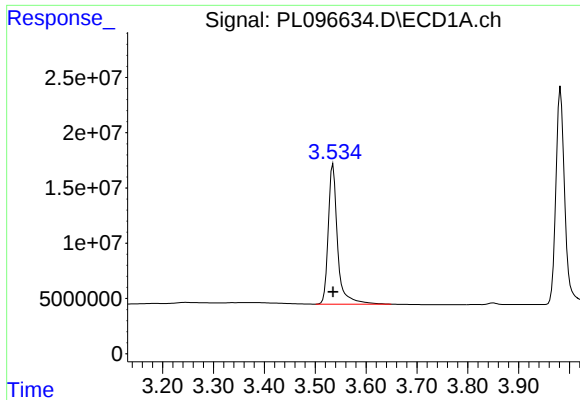
Reviewed By :Abdul Mirza 07/30/2025

Supervised By :mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 01:54:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 08:58:13 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





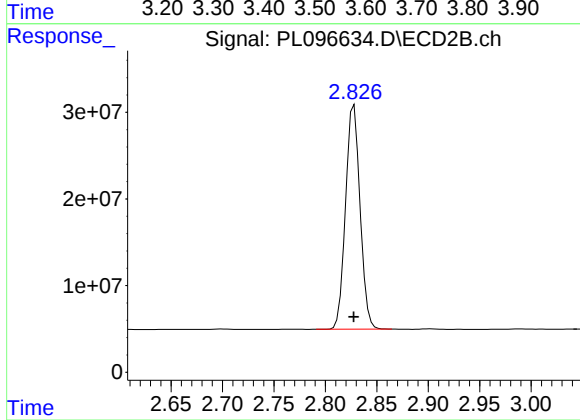
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: 0.000 min
Response: 161483556
Conc: 50.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

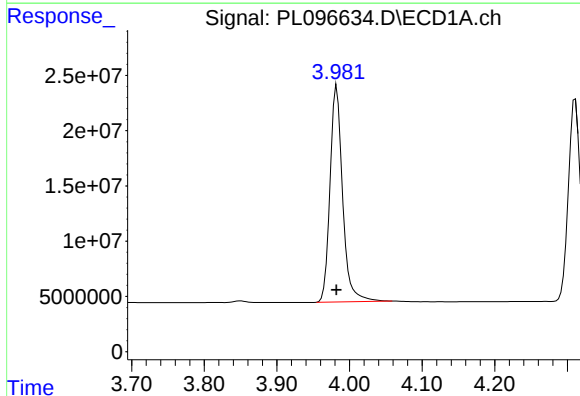
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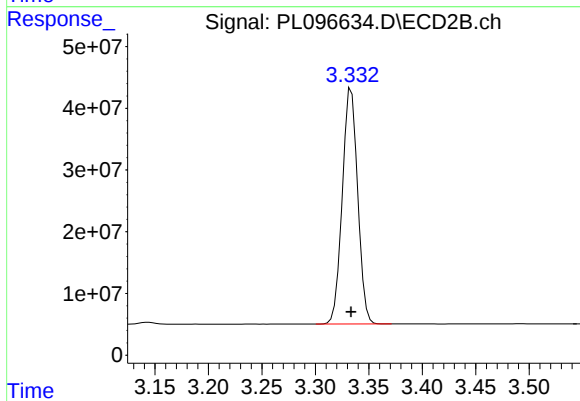
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 254190187
Conc: 53.20 ng/ml



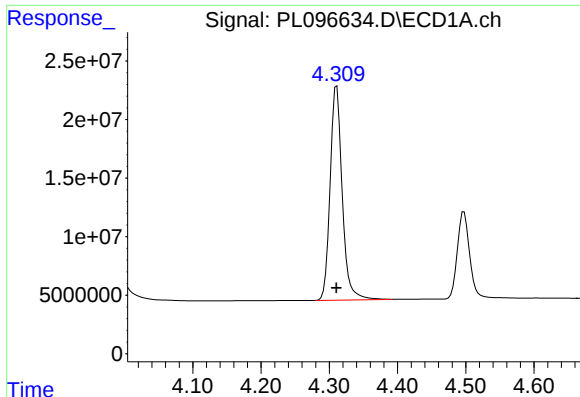
#2 alpha-BHC

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 236772854
Conc: 51.18 ng/ml



#2 alpha-BHC

R.T.: 3.334 min
Delta R.T.: 0.000 min
Response: 383166375
Conc: 54.14 ng/ml



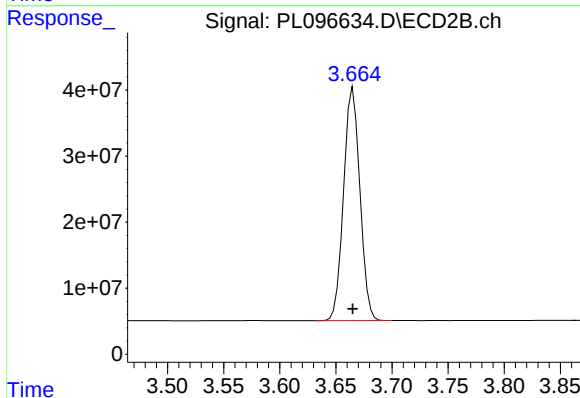
#3 gamma-BHC (Lindane)

R.T.: 4.311 min
Delta R.T.: 0.000 min
Response: 224915809
Conc: 50.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

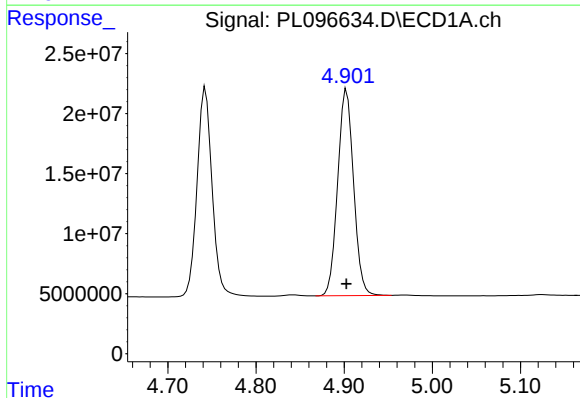
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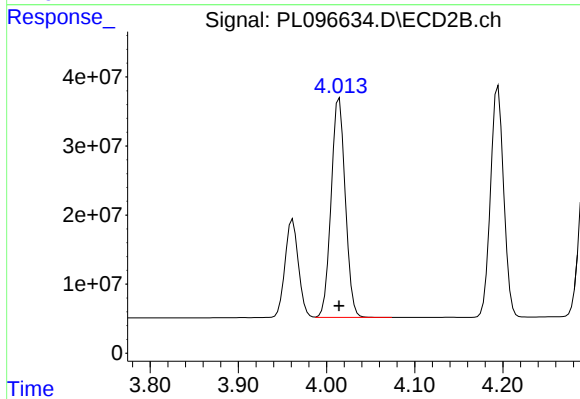
#3 gamma-BHC (Lindane)

R.T.: 3.665 min
Delta R.T.: 0.000 min
Response: 356854408
Conc: 54.04 ng/ml



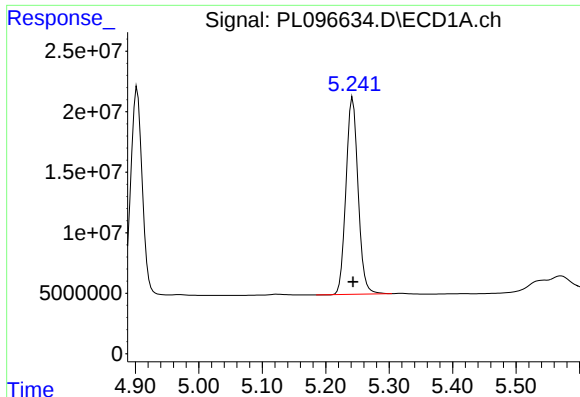
#4 Heptachlor

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 215273068
Conc: 51.80 ng/ml



#4 Heptachlor

R.T.: 4.015 min
Delta R.T.: 0.000 min
Response: 354546641
Conc: 53.22 ng/ml



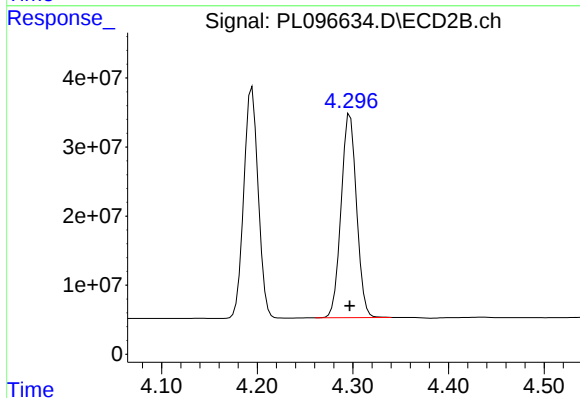
#5 Aldrin

R.T.: 5.243 min
Delta R.T.: 0.000 min
Response: 215476123
Conc: 50.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

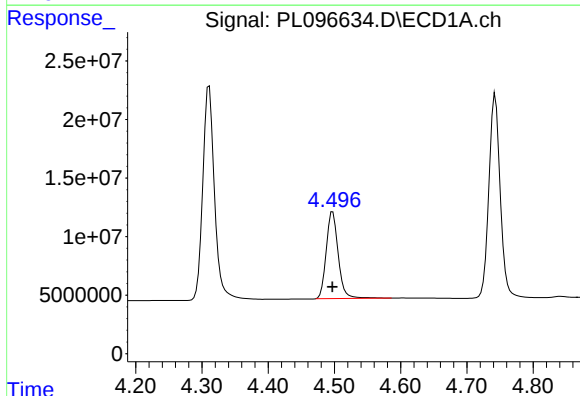
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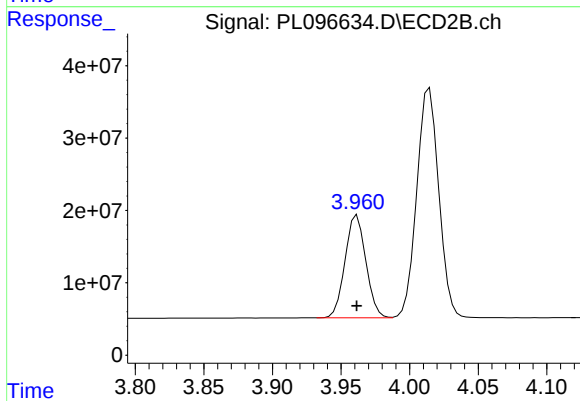
#5 Aldrin

R.T.: 4.297 min
Delta R.T.: 0.000 min
Response: 332138243
Conc: 53.51 ng/ml



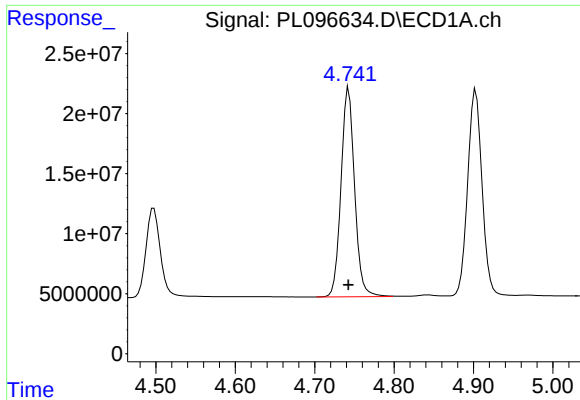
#6 beta-BHC

R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 93267082
Conc: 51.67 ng/ml



#6 beta-BHC

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 149667907
Conc: 53.06 ng/ml



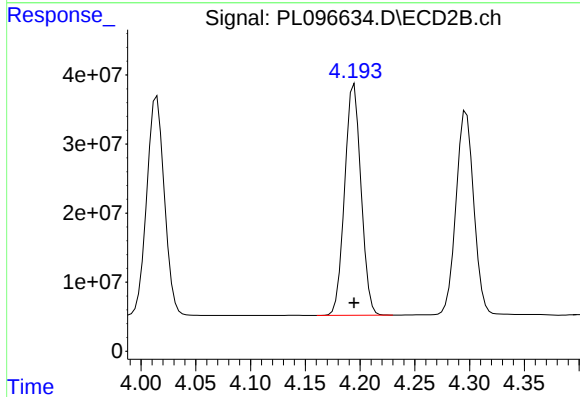
#7 delta-BHC

R.T.: 4.741 min
Delta R.T.: -0.001 min
Response: 207495526
Conc: 52.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

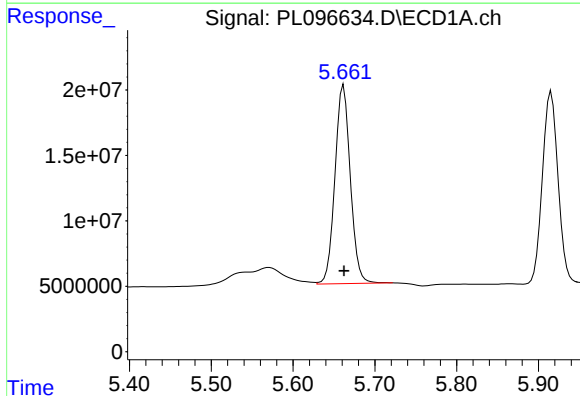
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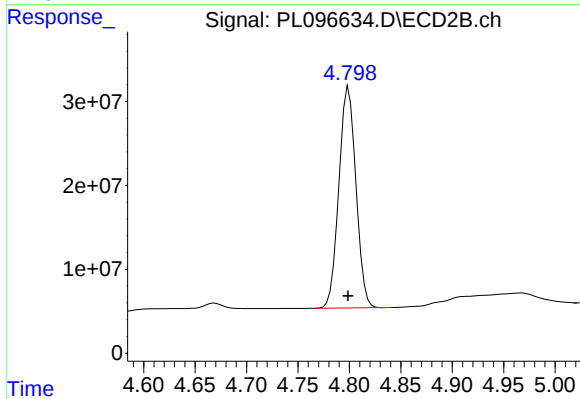
#7 delta-BHC

R.T.: 4.195 min
Delta R.T.: 0.000 min
Response: 347916993
Conc: 53.74 ng/ml



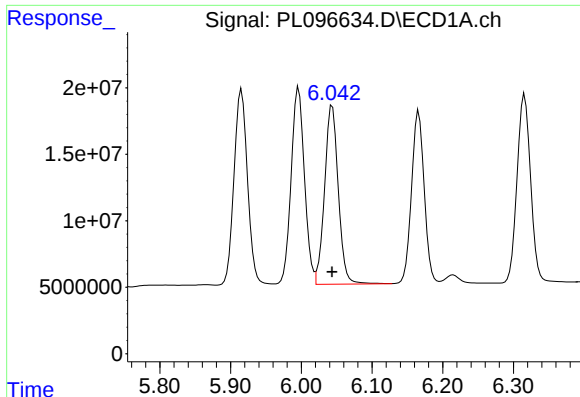
#8 Heptachlor epoxide

R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 198155262
Conc: 51.38 ng/ml



#8 Heptachlor epoxide

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 304026300
Conc: 53.23 ng/ml



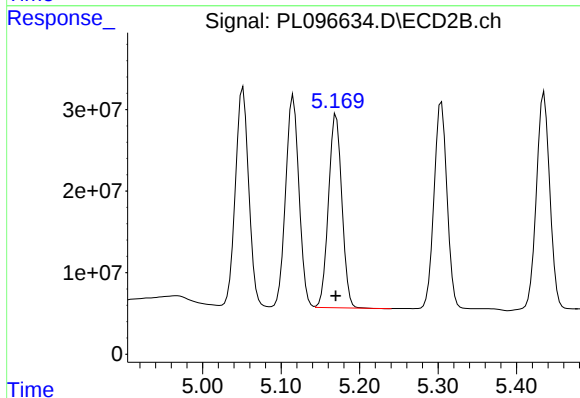
#9 Endosulfan I

R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 181775004
Conc: 50.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

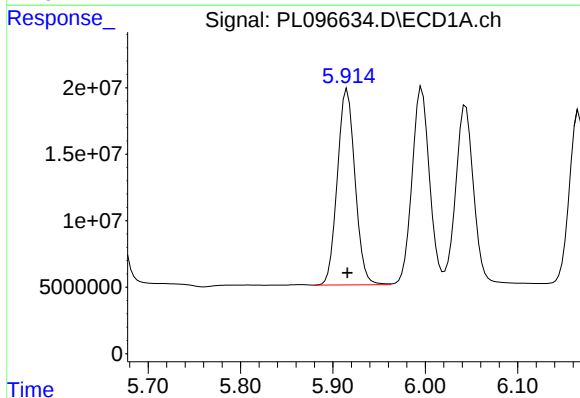
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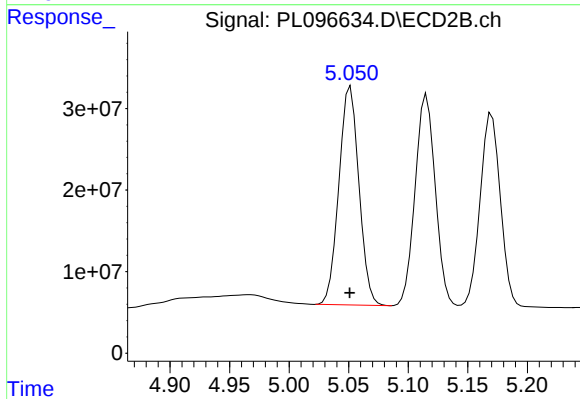
#9 Endosulfan I

R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 280370668
Conc: 50.69 ng/ml



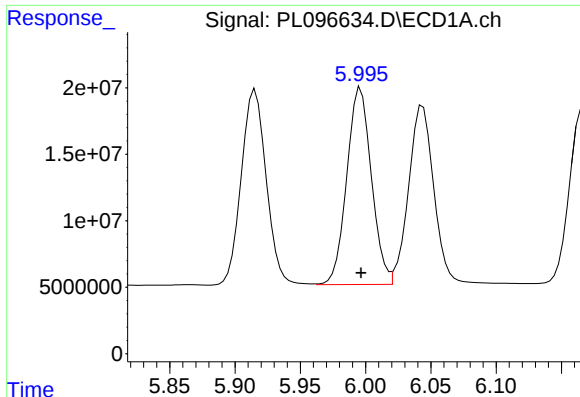
#10 gamma-Chlordane

R.T.: 5.916 min
Delta R.T.: 0.000 min
Response: 195612411
Conc: 51.41 ng/ml



#10 gamma-Chlordane

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 313861334
Conc: 53.38 ng/ml



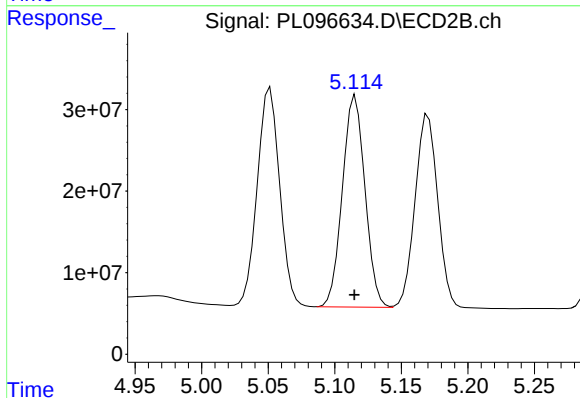
#11 alpha-Chlordane

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 194341180
Conc: 50.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

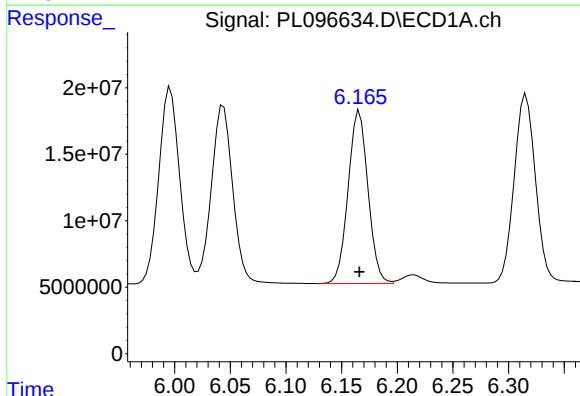
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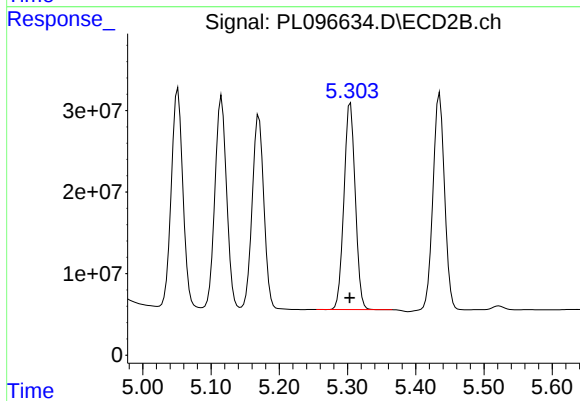
#11 alpha-Chlordane

R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 306555892
Conc: 51.97 ng/ml



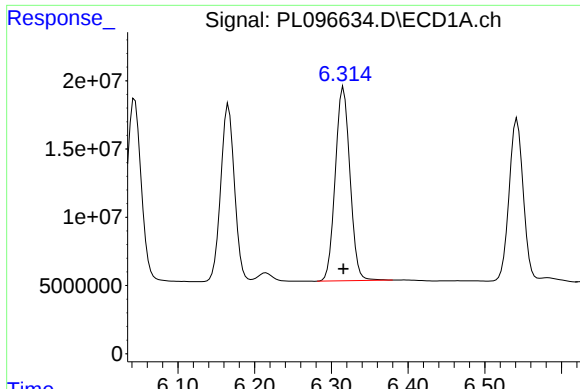
#12 4,4'-DDE

R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 161861139
Conc: 50.40 ng/ml



#12 4,4'-DDE

R.T.: 5.304 min
Delta R.T.: 0.000 min
Response: 292027426
Conc: 52.96 ng/ml



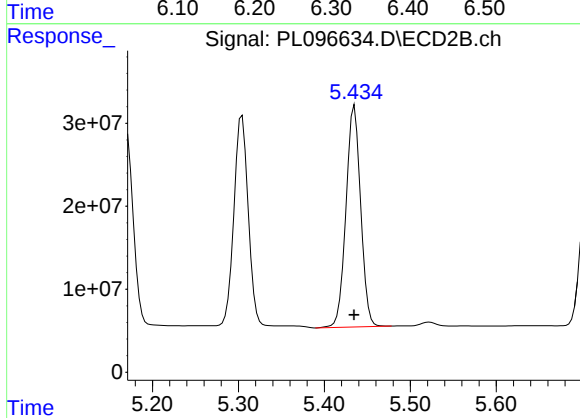
#13 Dieldrin

R.T.: 6.316 min
Delta R.T.: 0.000 min
Response: 189241462
Conc: 50.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

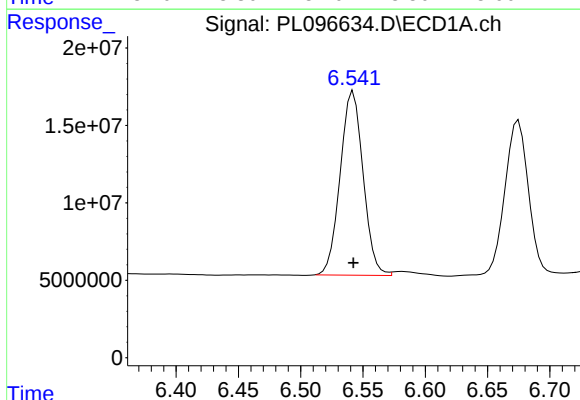
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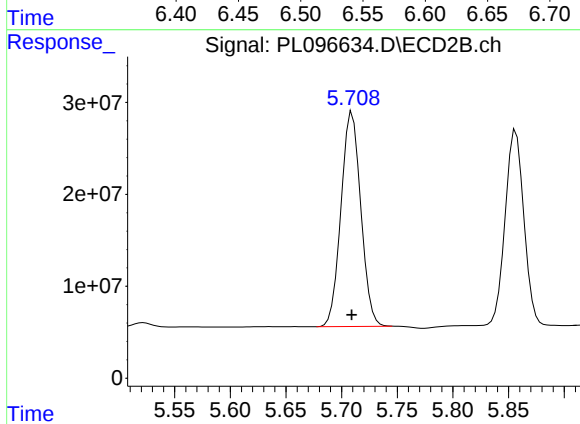
#13 Dieldrin

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 317647260
Conc: 53.78 ng/ml m



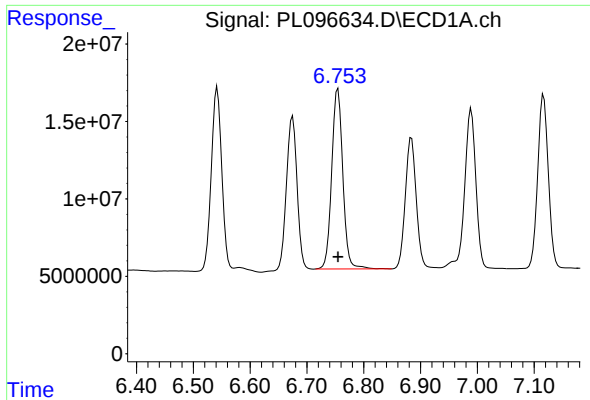
#14 Endrin

R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 152816494
Conc: 50.49 ng/ml



#14 Endrin

R.T.: 5.710 min
Delta R.T.: 0.000 min
Response: 289330407
Conc: 53.52 ng/ml



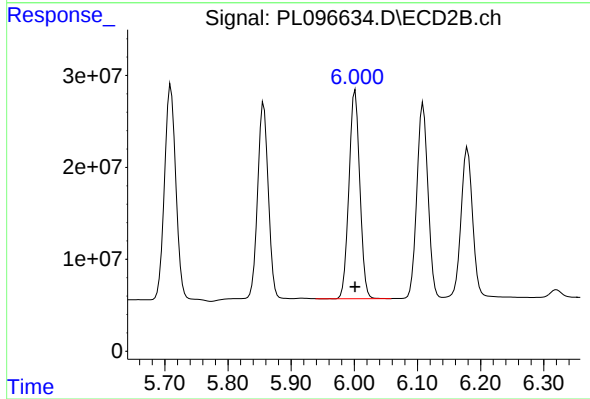
#15 Endosulfan II

R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 158381303
Conc: 49.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

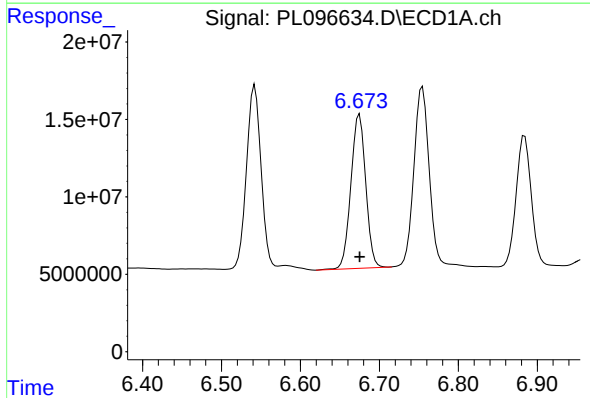
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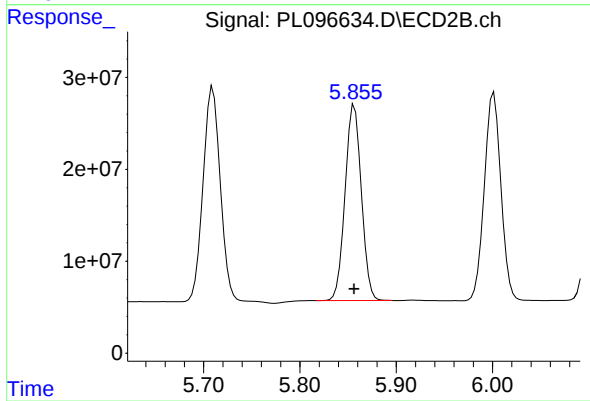
#15 Endosulfan II

R.T.: 6.002 min
Delta R.T.: 0.000 min
Response: 271173061
Conc: 52.80 ng/ml



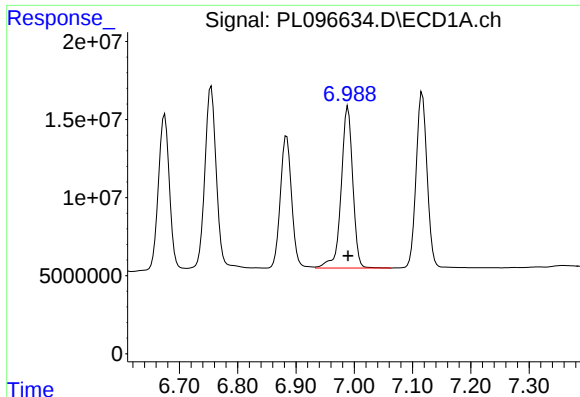
#16 4,4'-DDD

R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 129904897
Conc: 51.38 ng/ml



#16 4,4'-DDD

R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 249074376
Conc: 52.94 ng/ml



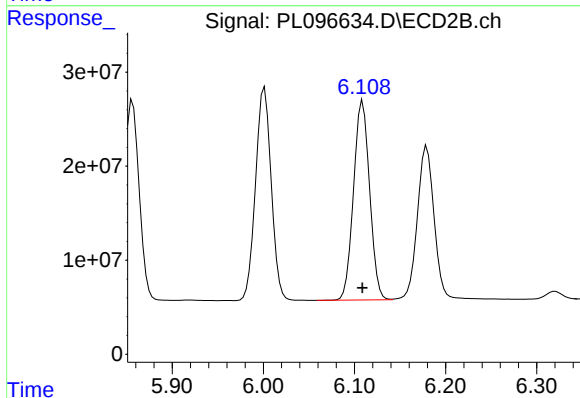
#17 4,4'-DDT

R.T.: 6.989 min
Delta R.T.: 0.000 min
Response: 143192649
Conc: 49.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

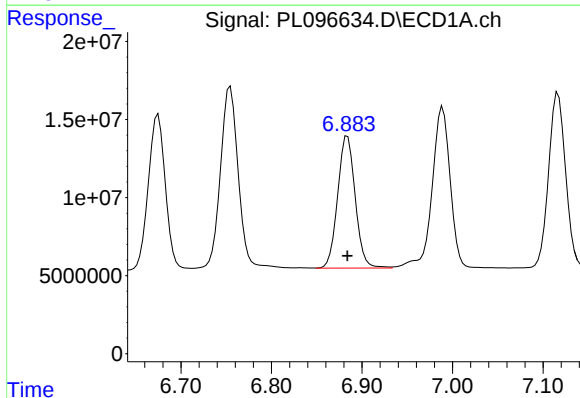
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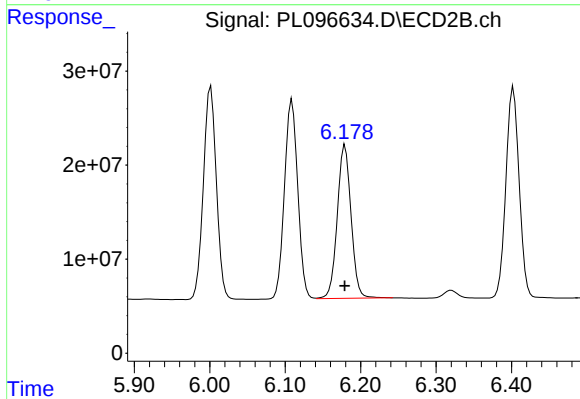
#17 4,4'-DDT

R.T.: 6.109 min
Delta R.T.: 0.000 min
Response: 259583593
Conc: 51.32 ng/ml



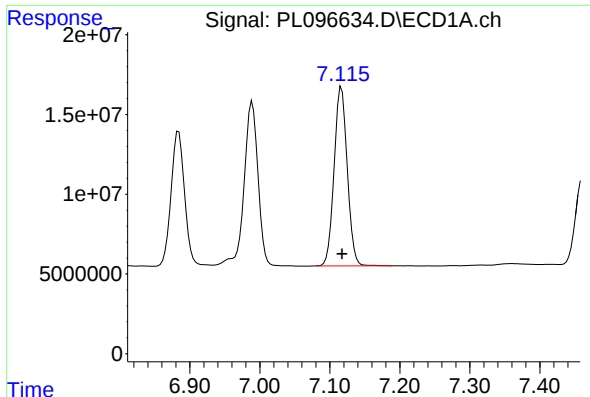
#18 Endrin aldehyde

R.T.: 6.884 min
Delta R.T.: 0.000 min
Response: 114080692
Conc: 53.16 ng/ml



#18 Endrin aldehyde

R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 207322778
Conc: 56.24 ng/ml



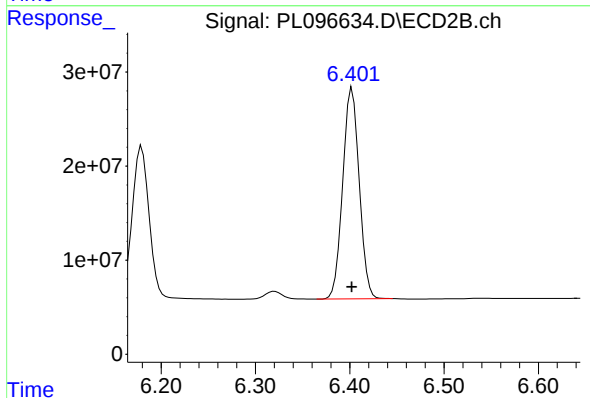
#19 Endosulfan Sulfate

R.T.: 7.117 min
Delta R.T.: 0.000 min
Response: 146265591
Conc: 50.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

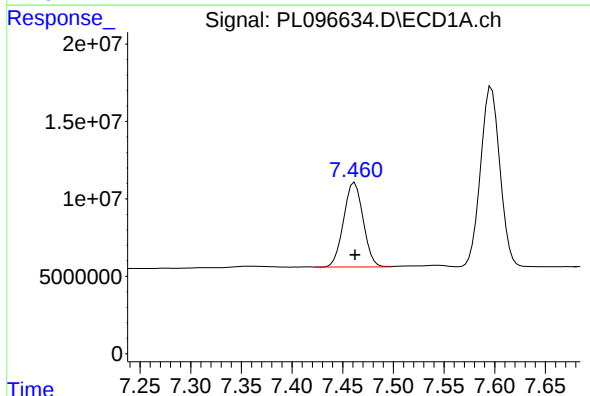
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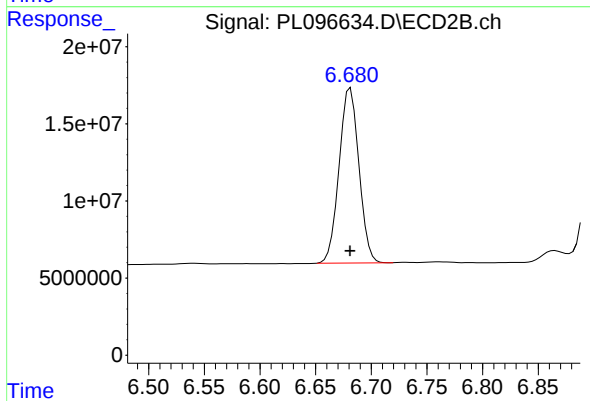
#19 Endosulfan Sulfate

R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 272963505
Conc: 53.67 ng/ml



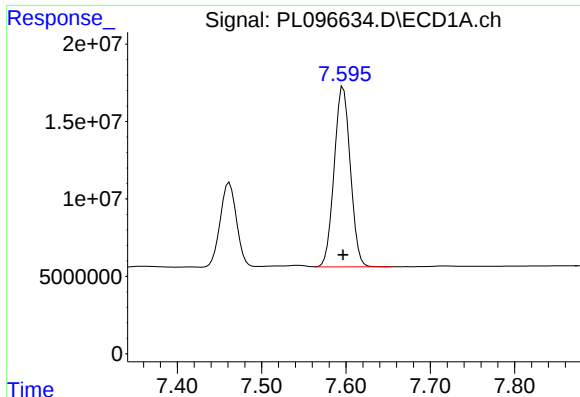
#20 Methoxychlor

R.T.: 7.462 min
Delta R.T.: 0.000 min
Response: 73152176
Conc: 49.82 ng/ml



#20 Methoxychlor

R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 140774604
Conc: 51.37 ng/ml



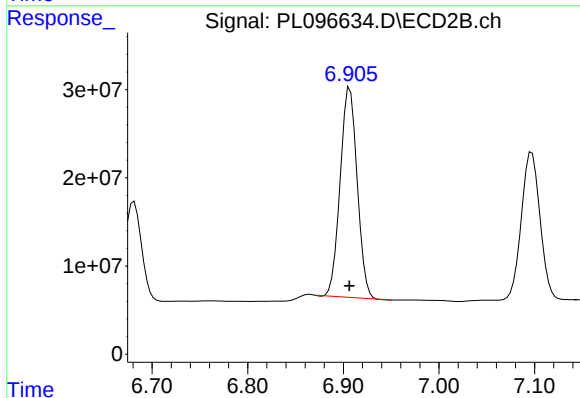
#21 Endrin ketone

R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 154894593
Conc: 51.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

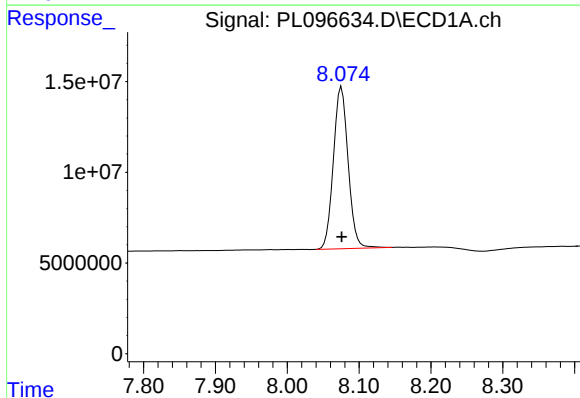
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/30/2025
Supervised By :mohammad ahmed 07/31/2025



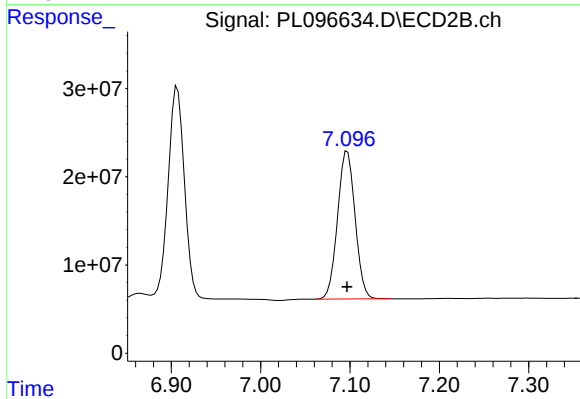
#21 Endrin ketone

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 293859138
Conc: 52.76 ng/ml



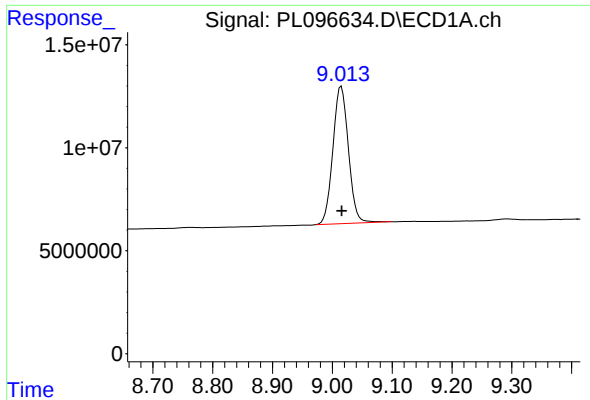
#22 Mirex

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 126887807
Conc: 51.18 ng/ml



#22 Mirex

R.T.: 7.097 min
Delta R.T.: 0.000 min
Response: 228512389
Conc: 52.40 ng/ml



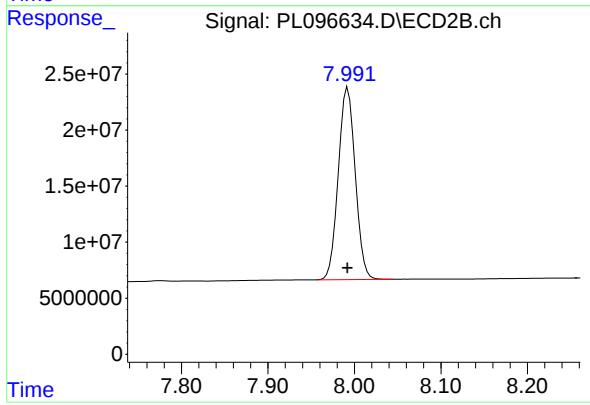
#28 Decachlorobiphenyl

R.T.: 9.015 min
Delta R.T.: 0.000 min
Response: 120592607
Conc: 50.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 07/31/2025



#28 Decachlorobiphenyl

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 232100750
Conc: 53.50 ng/ml