

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072925\
 Data File : PL096626.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2025 17:17
 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 01:52:29 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	163.7E6	258.9E6	51.479	54.186
28)	SA Decachlor...	9.014	7.991	122.1E6	217.1E6	51.218	50.052
Target Compounds							
2)	A alpha-BHC	3.982	3.333	240.0E6	388.8E6	51.886	54.944
3)	MA gamma-BHC...	4.310	3.665	227.5E6	361.0E6	51.423	54.669
4)	MA Heptachlor	4.902	4.014	216.5E6	358.6E6	52.096	53.830
5)	MB Aldrin	5.242	4.297	219.0E6	335.5E6	50.920	54.057
6)	B beta-BHC	4.497	3.961	94411343	151.4E6	52.306	53.684
7)	B delta-BHC	4.741	4.195	209.9E6	351.9E6	52.599m	54.352
8)	B Heptachlo...	5.662	4.799	199.8E6	305.2E6	51.802	53.441
9)	A Endosulfan I	6.044	5.170	181.8E6	279.9E6	50.554	50.610
10)	B gamma-Chl...	5.916	5.051	197.9E6	313.8E6	51.996	53.372
11)	B alpha-Chl...	5.996	5.115	196.0E6	305.4E6	50.843	51.768
12)	B 4,4'-DDE	6.165	5.304	162.9E6	289.6E6	50.740	52.515
13)	MA Dieldrin	6.315	5.434	189.8E6	310.7E6	51.144	52.602
14)	MA Endrin	6.542	5.709	149.9E6	288.1E6	49.513	53.294
15)	B Endosulfa...	6.754	6.000	158.4E6	267.3E6	49.450	52.037
16)	A 4,4'-DDD	6.674	5.856	129.6E6	244.6E6	51.240	51.975
17)	MA 4,4'-DDT	6.989	6.108	144.6E6	257.1E6	50.416	50.830
18)	B Endrin al...	6.883	6.179	112.9E6	201.6E6	52.618	54.584
19)	B Endosulfa...	7.117	6.402	146.4E6	266.4E6	50.945	52.374
20)	A Methoxychlor	7.461	6.680	73883787	137.5E6	50.317	50.175
21)	B Endrin ke...	7.596	6.906	155.1E6	286.1E6	51.576	51.373
22)	Mirex	8.075	7.097	127.0E6	220.1E6	51.229	50.482

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072925\
Data File : PL096626.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Jul 2025 17:17
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

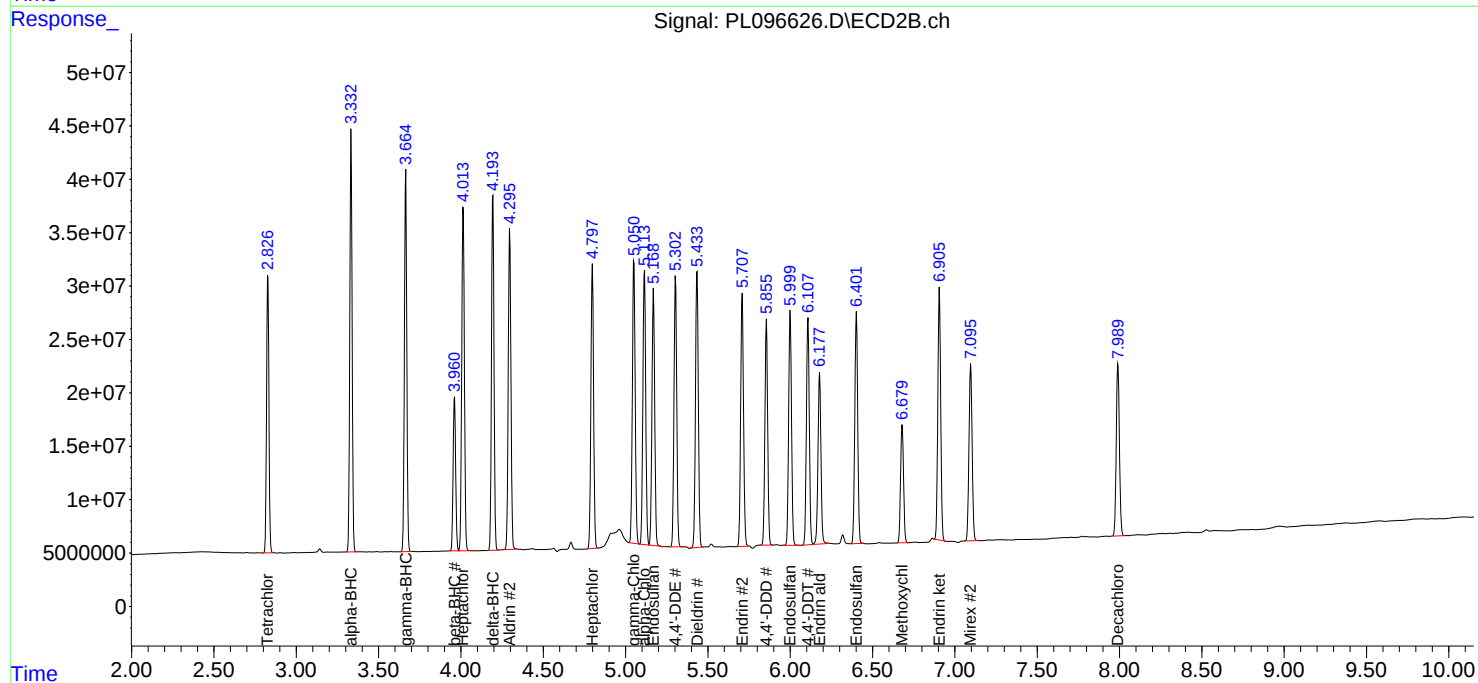
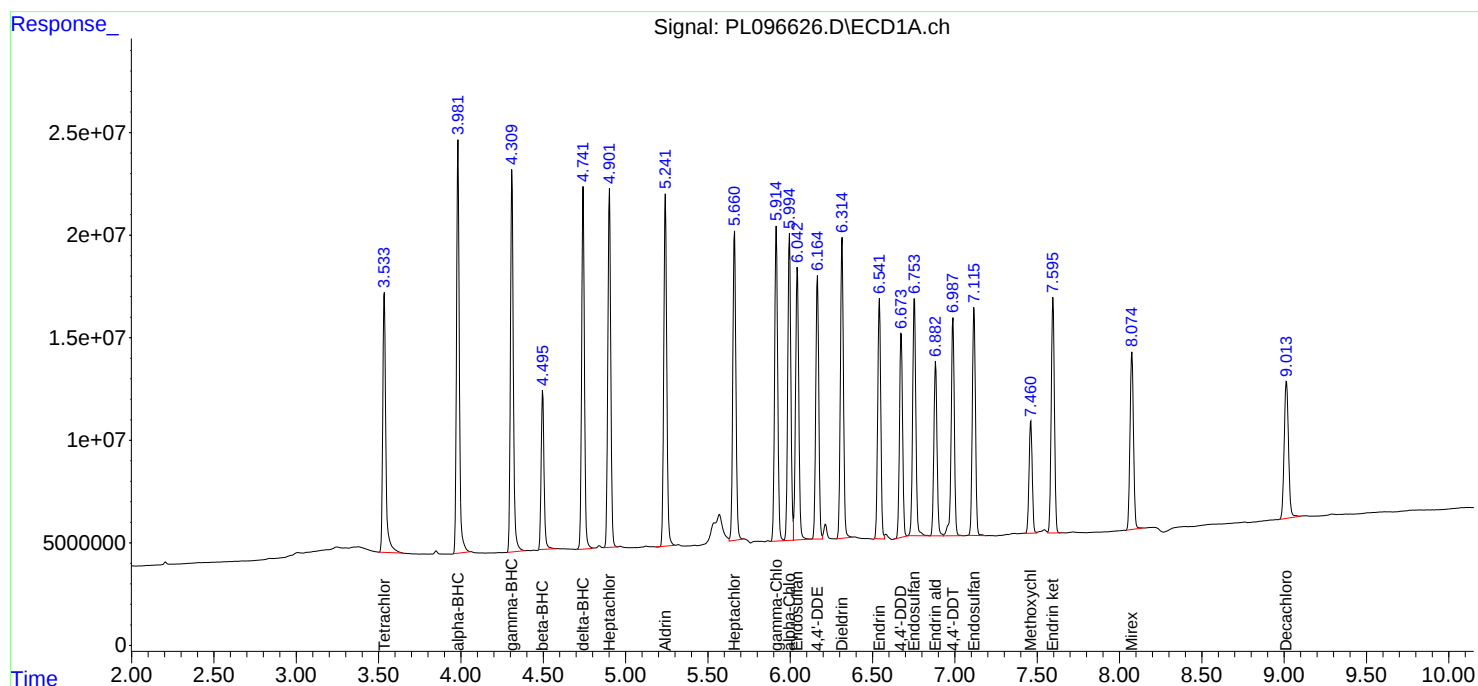
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

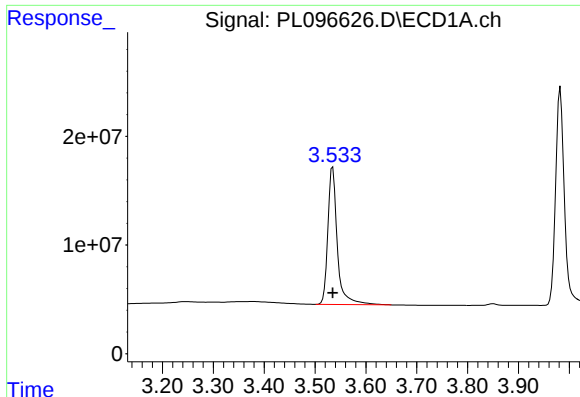
Manual Integrations
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Supervised By :mohammad ahmed 07/31/2025

Integration File signal 1: autoint1.e
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Quant Time: Jul 30 01:52:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 08:58:13 2025
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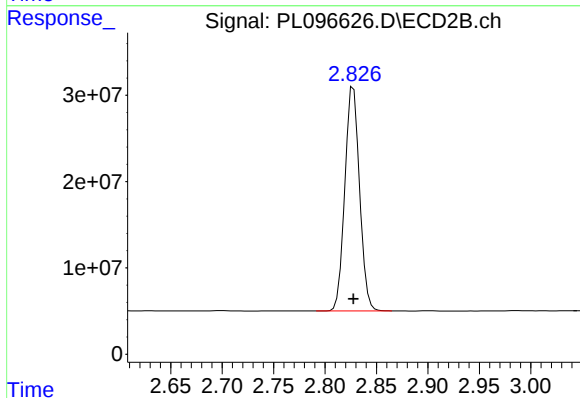
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: 0.000 min
Response: 163743885
Conc: 51.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

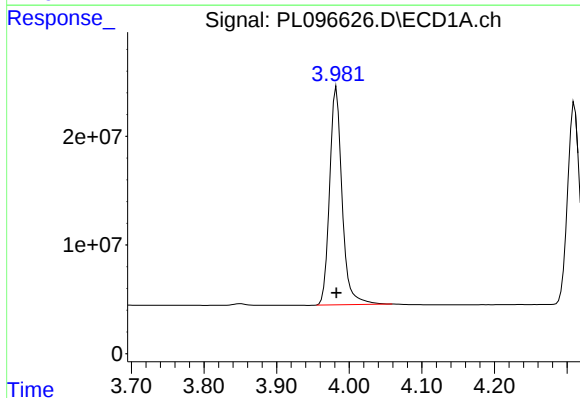
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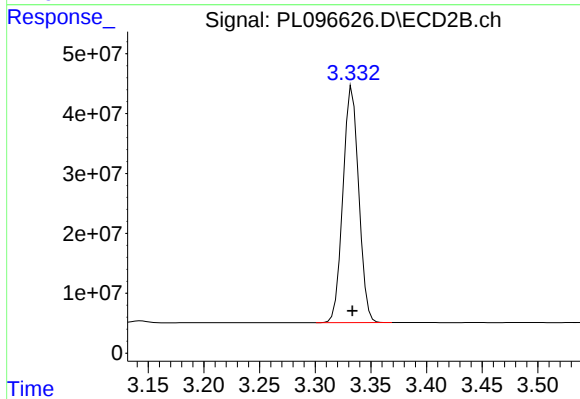
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 258886888
Conc: 54.19 ng/ml



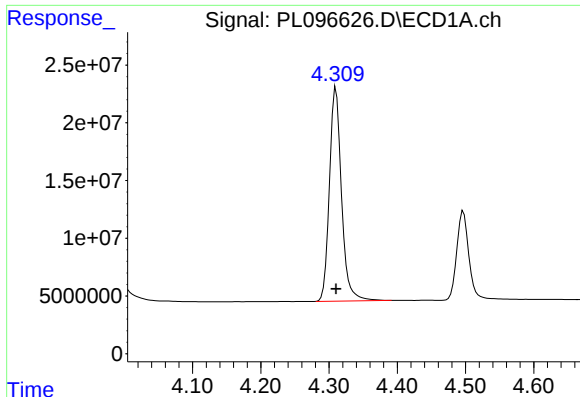
#2 alpha-BHC

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 240044366
Conc: 51.89 ng/ml



#2 alpha-BHC

R.T.: 3.333 min
Delta R.T.: 0.000 min
Response: 388841425
Conc: 54.94 ng/ml



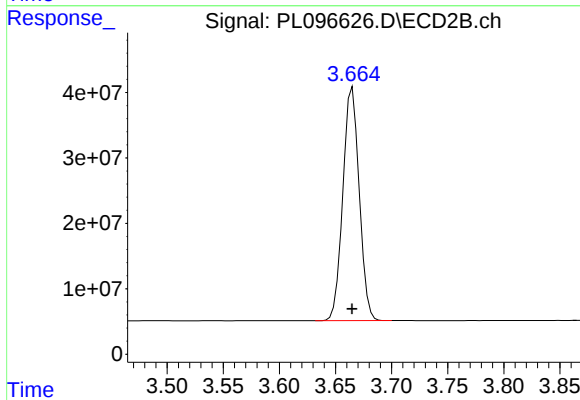
#3 gamma-BHC (Lindane)

R.T.: 4.310 min
Delta R.T.: 0.000 min
Response: 227468733
Conc: 51.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

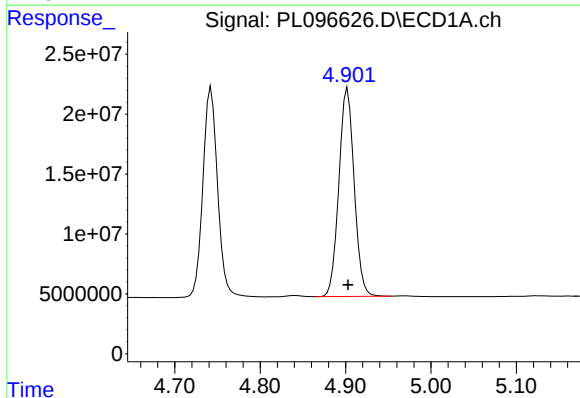
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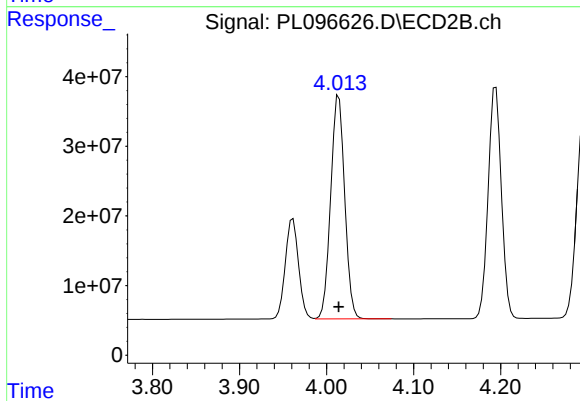
#3 gamma-BHC (Lindane)

R.T.: 3.665 min
Delta R.T.: 0.000 min
Response: 360995823
Conc: 54.67 ng/ml



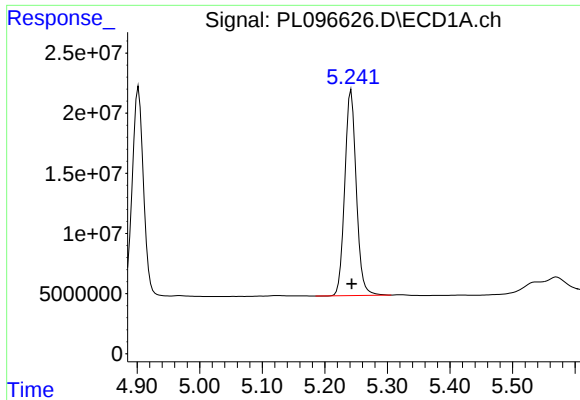
#4 Heptachlor

R.T.: 4.902 min
Delta R.T.: 0.000 min
Response: 216496650
Conc: 52.10 ng/ml



#4 Heptachlor

R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 358614895
Conc: 53.83 ng/ml



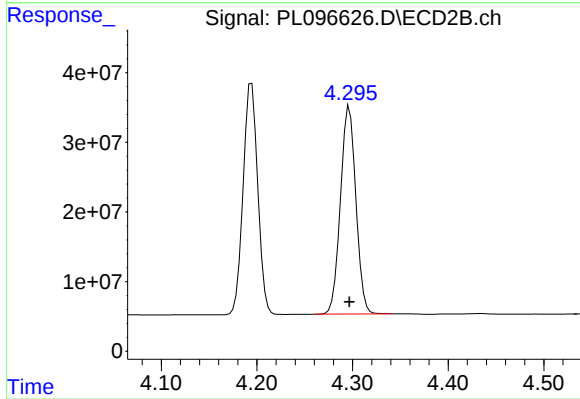
#5 Aldrin

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 219008611
Conc: 50.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

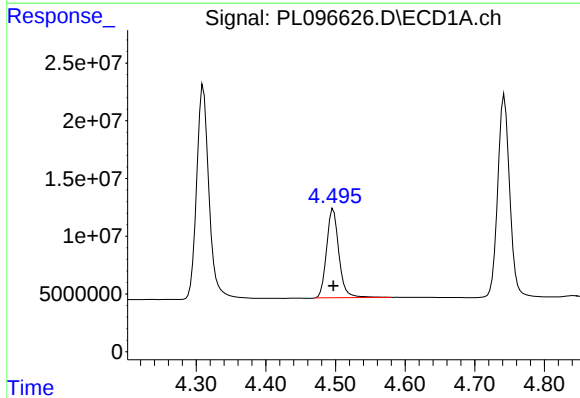
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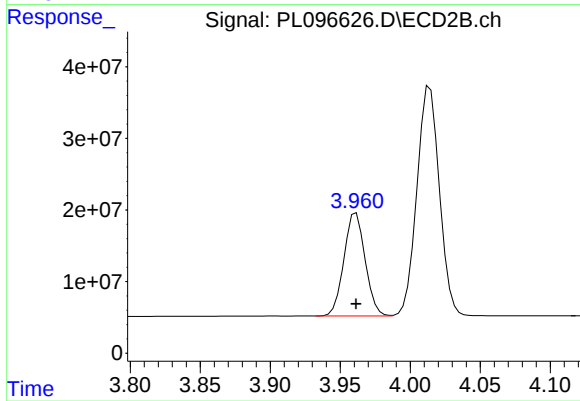
#5 Aldrin

R.T.: 4.297 min
Delta R.T.: 0.000 min
Response: 335533410
Conc: 54.06 ng/ml



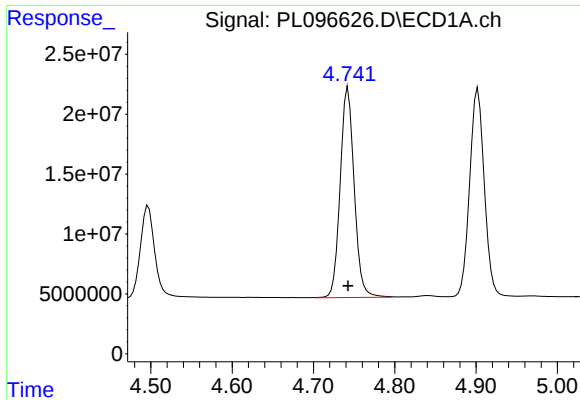
#6 beta-BHC

R.T.: 4.497 min
Delta R.T.: 0.000 min
Response: 94411343
Conc: 52.31 ng/ml



#6 beta-BHC

R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 151436756
Conc: 53.68 ng/ml



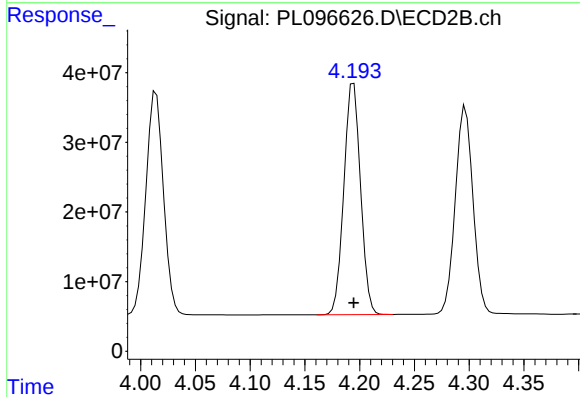
#7 delta-BHC

R.T.: 4.741 min
Delta R.T.: -0.001 min
Response: 209860896
Conc: 52.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

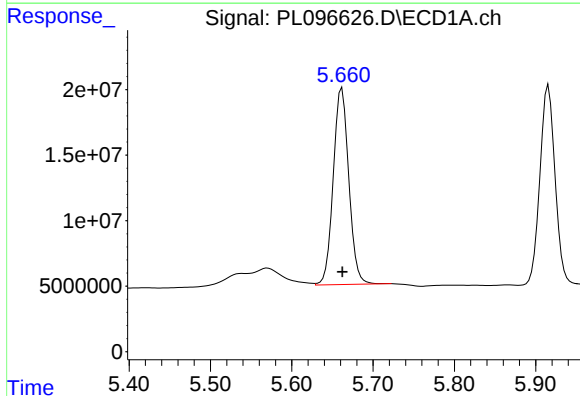
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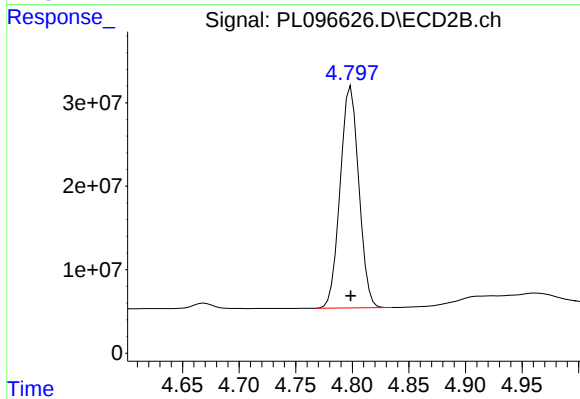
#7 delta-BHC

R.T.: 4.195 min
Delta R.T.: 0.000 min
Response: 351856096
Conc: 54.35 ng/ml



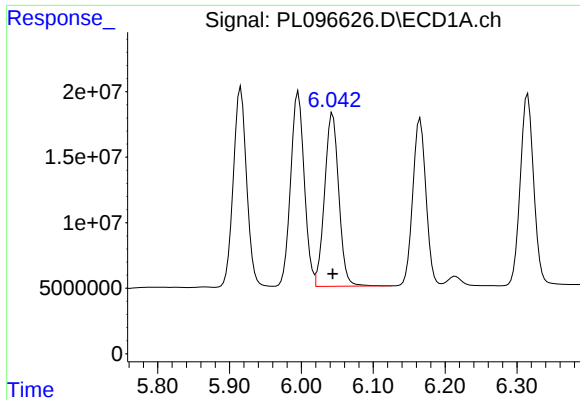
#8 Heptachlor epoxide

R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 199778428
Conc: 51.80 ng/ml



#8 Heptachlor epoxide

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 305219517
Conc: 53.44 ng/ml



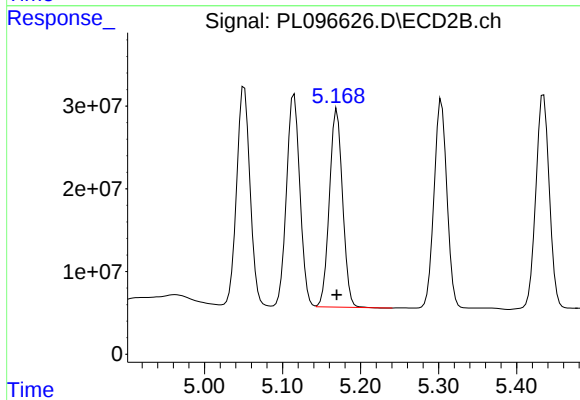
#9 Endosulfan I

R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 181812095
Conc: 50.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

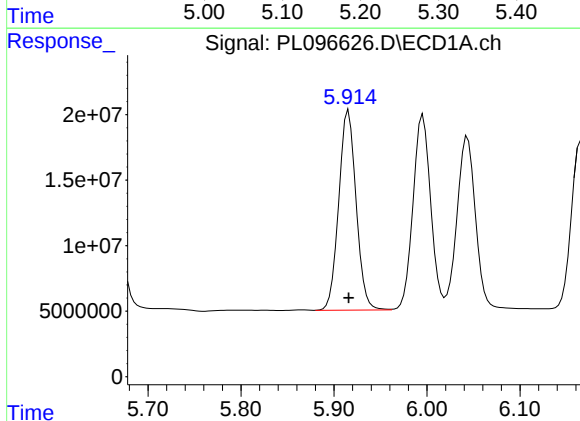
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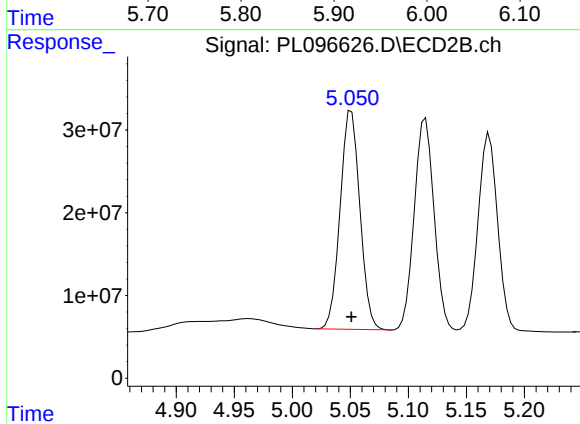
#9 Endosulfan I

R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 279945045
Conc: 50.61 ng/ml



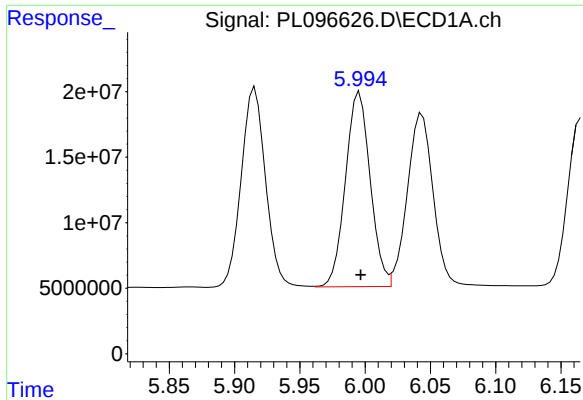
#10 gamma-Chlordane

R.T.: 5.916 min
Delta R.T.: 0.000 min
Response: 197856690
Conc: 52.00 ng/ml



#10 gamma-Chlordane

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 313836178
Conc: 53.37 ng/ml



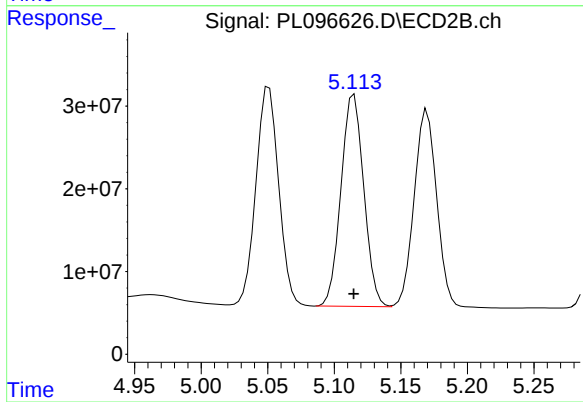
#11 alpha-Chlordane

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 195981964
Conc: 50.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

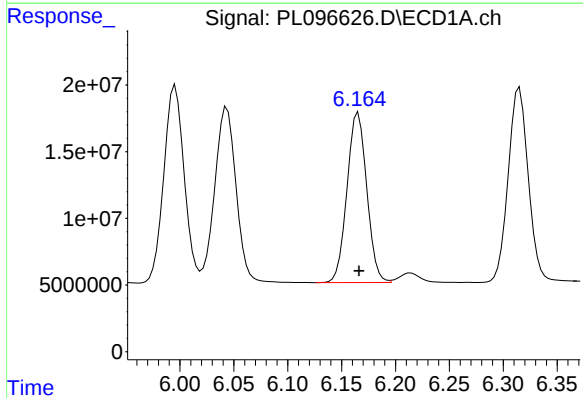
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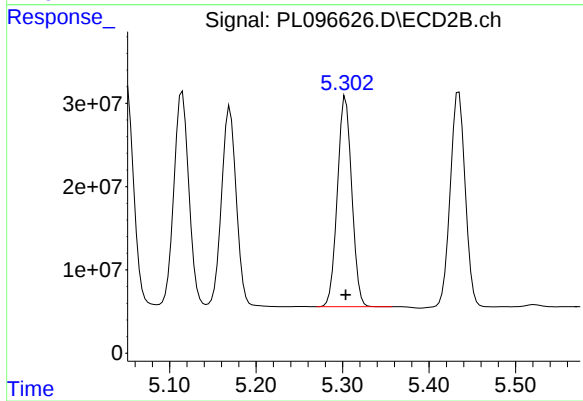
#11 alpha-Chlordane

R.T.: 5.115 min
Delta R.T.: 0.000 min
Response: 305372550
Conc: 51.77 ng/ml



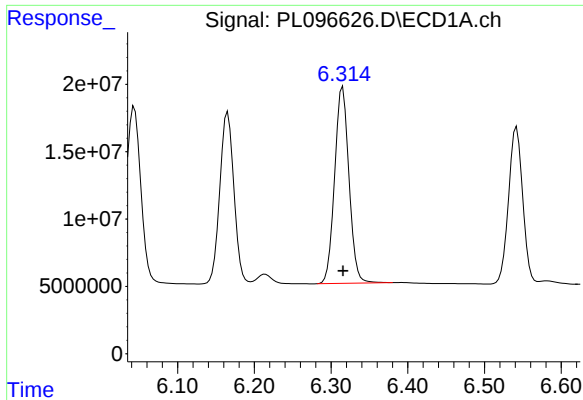
#12 4,4'-DDE

R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 162939600
Conc: 50.74 ng/ml



#12 4,4'-DDE

R.T.: 5.304 min
Delta R.T.: 0.000 min
Response: 289587155
Conc: 52.51 ng/ml



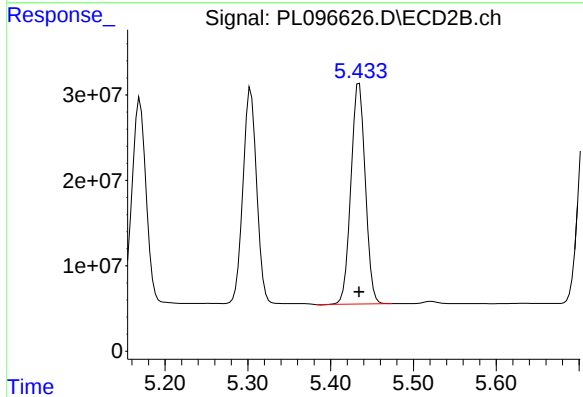
#13 Dieldrin

R.T.: 6.315 min
Delta R.T.: 0.000 min
Response: 189802840
Conc: 51.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

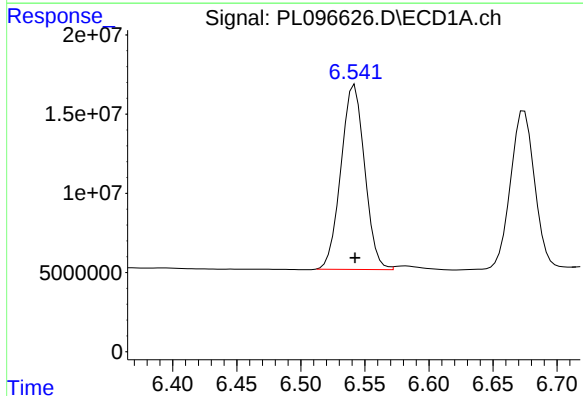
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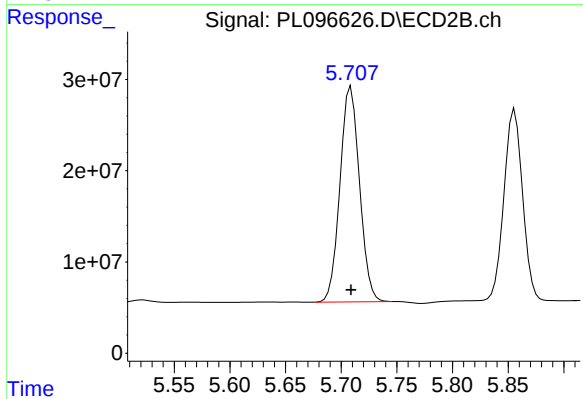
#13 Dieldrin

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 310697008
Conc: 52.60 ng/ml



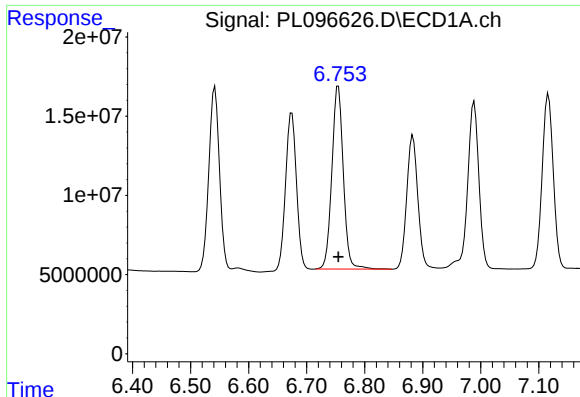
#14 Endrin

R.T.: 6.542 min
Delta R.T.: 0.000 min
Response: 149865067
Conc: 49.51 ng/ml



#14 Endrin

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 288107187
Conc: 53.29 ng/ml



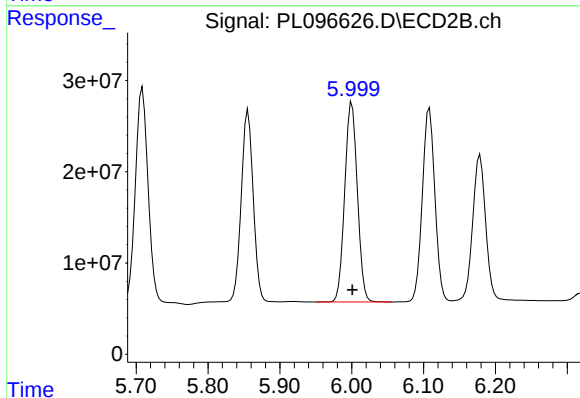
#15 Endosulfan II

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 158371576
Conc: 49.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

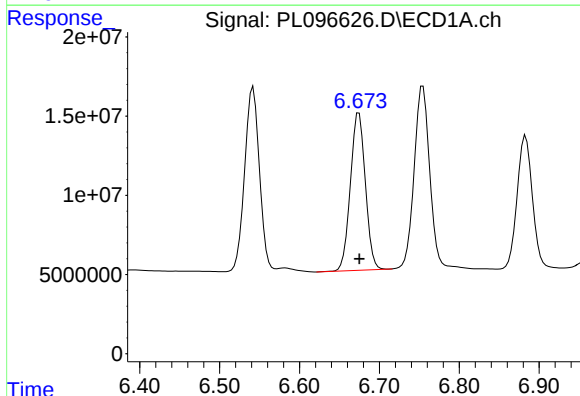
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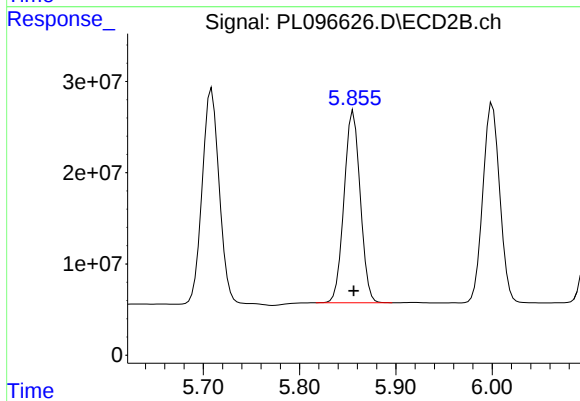
#15 Endosulfan II

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 267275520
Conc: 52.04 ng/ml



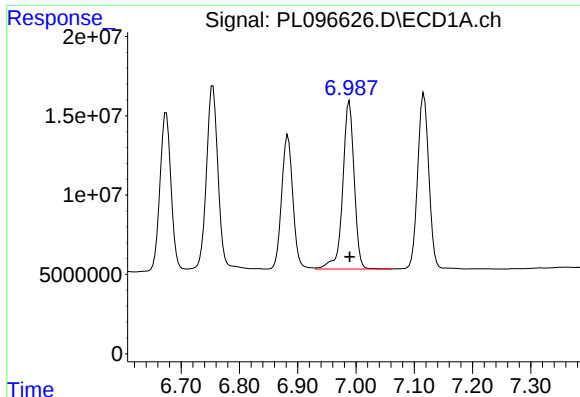
#16 4,4'-DDD

R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 129552432
Conc: 51.24 ng/ml



#16 4,4'-DDD

R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 244558780
Conc: 51.98 ng/ml



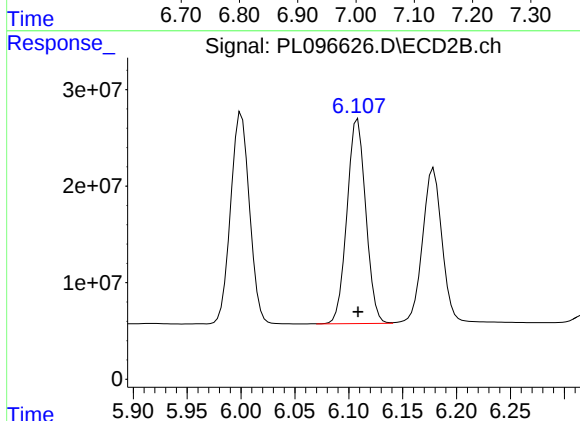
#17 4,4'-DDT

R.T.: 6.989 min
Delta R.T.: 0.000 min
Response: 144577253
Conc: 50.42 ng/ml

Instrument :
ECD_L
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PSTDCCC050

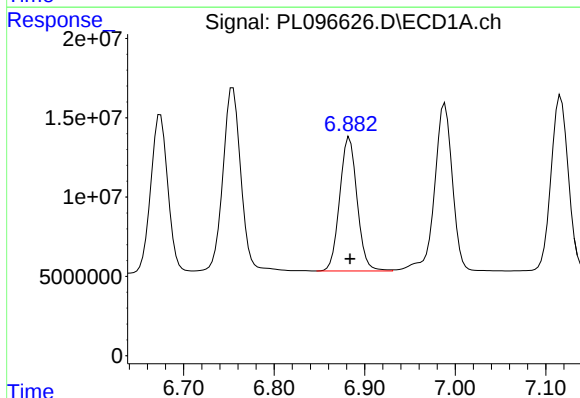
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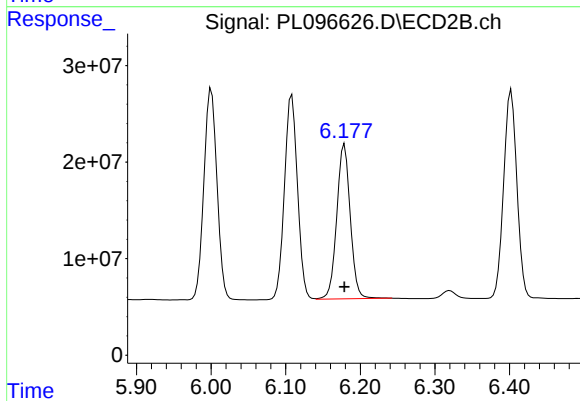
#17 4,4'-DDT

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 257114083
Conc: 50.83 ng/ml



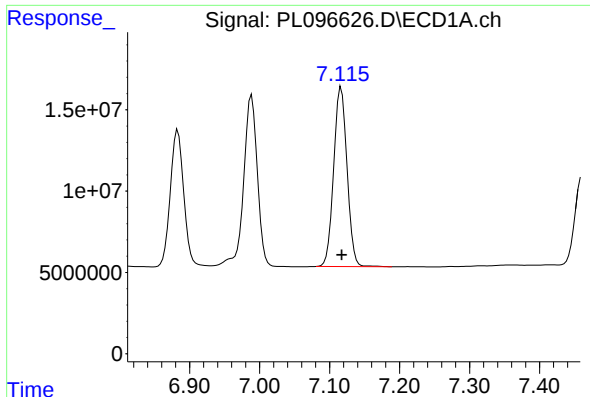
#18 Endrin aldehyde

R.T.: 6.883 min
Delta R.T.: 0.000 min
Response: 112914435
Conc: 52.62 ng/ml



#18 Endrin aldehyde

R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 201582263
Conc: 54.58 ng/ml



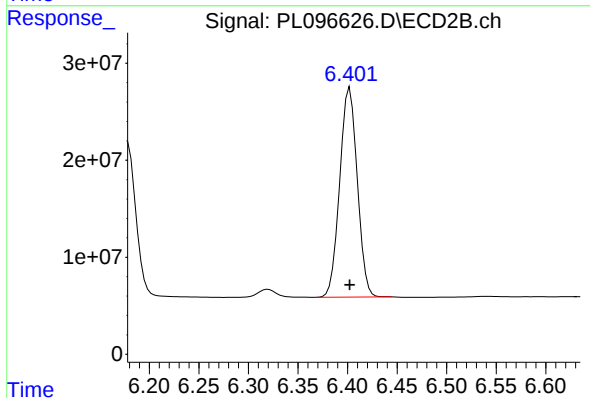
#19 Endosulfan Sulfate

R.T.: 7.117 min
Delta R.T.: 0.000 min
Response: 146400625
Conc: 50.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

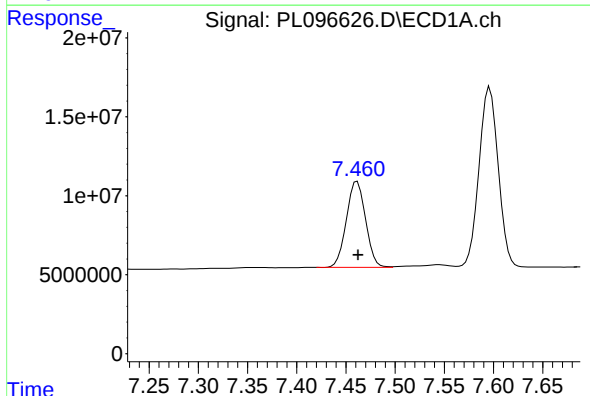
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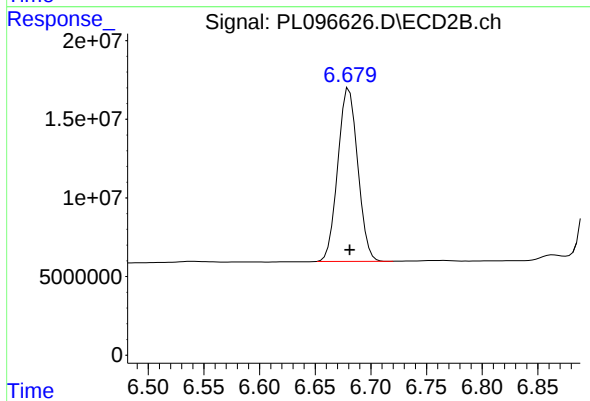
#19 Endosulfan Sulfate

R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 266385377
Conc: 52.37 ng/ml



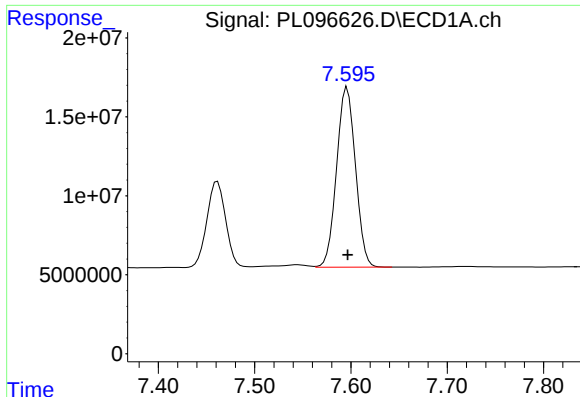
#20 Methoxychlor

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 73883787
Conc: 50.32 ng/ml



#20 Methoxychlor

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 137503803
Conc: 50.17 ng/ml



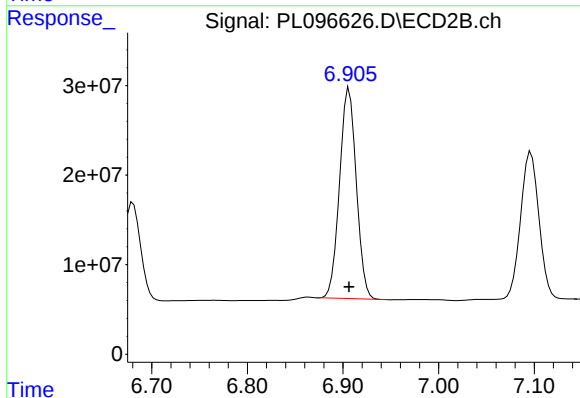
#21 Endrin ketone

R.T.: 7.596 min
Delta R.T.: 0.000 min
Response: 155074209
Conc: 51.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

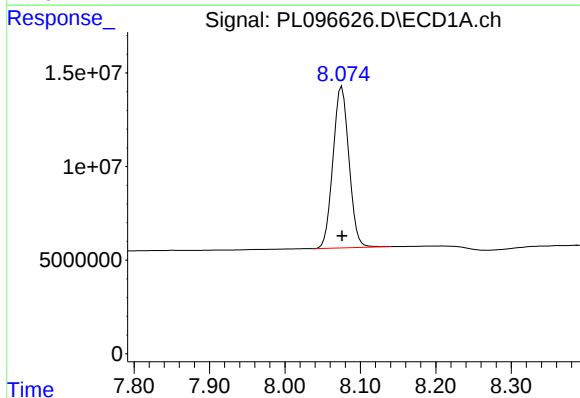
Manual Integrations
APPROVED

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



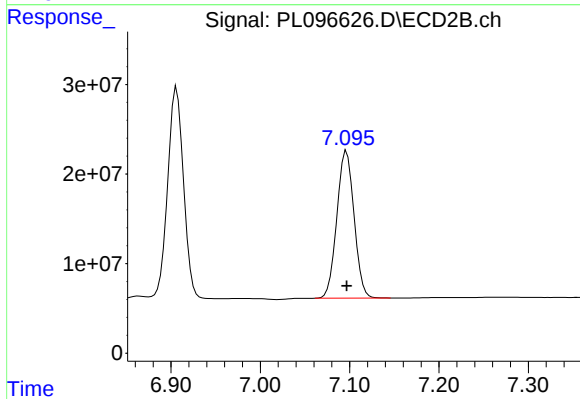
#21 Endrin ketone

R.T.: 6.906 min
Delta R.T.: 0.000 min
Response: 286133646
Conc: 51.37 ng/ml



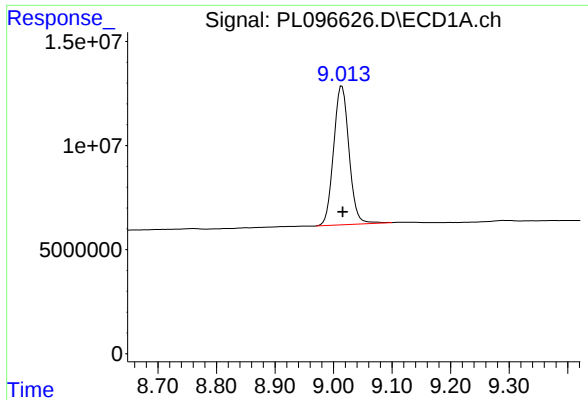
#22 Mirex

R.T.: 8.075 min
Delta R.T.: 0.000 min
Response: 127013774
Conc: 51.23 ng/ml



#22 Mirex

R.T.: 7.097 min
Delta R.T.: 0.000 min
Response: 220145250
Conc: 50.48 ng/ml



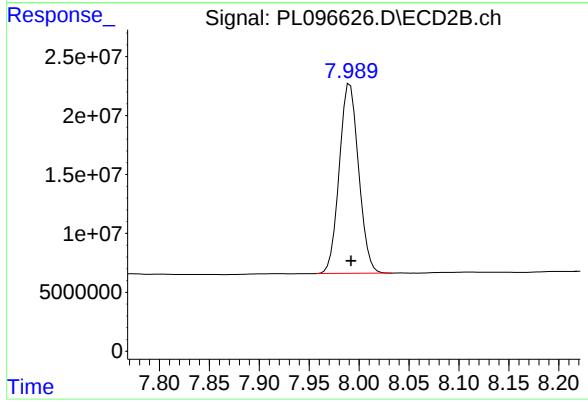
#28 Decachlorobiphenyl

R.T.: 9.014 min
Delta R.T.: -0.001 min
Response: 122137537
Conc: 51.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.991 min
Delta R.T.: -0.001 min
Response: 217142515
Conc: 50.05 ng/ml