

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
 Data File : PL096561.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2025 17:15
 Operator : AR\AJ
 Sample : Q2641-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 P001-CONCRETE001-01MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/25/2025
 Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 23:32:57 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...	3.536	2.829	75248288	123.7E6	20.622	21.438
28)	SA Decachlor...	9.017	7.992	57830485	95607667	20.558	19.173
Target Compounds							
2)	A alpha-BHC	3.983	3.334	281.9E6	479.8E6	54.817	56.887
3)	MA gamma-BHC...	4.310	3.665	276.5E6	444.2E6	55.533m	56.400
4)	MA Heptachlor	4.904	4.015	245.7E6	412.0E6	53.634	54.158
5)	MB Aldrin	5.243	4.297	255.6E6	402.9E6	52.887	55.230
6)	B beta-BHC	4.497	3.962	113.5E6	187.4E6	54.590	54.721
7)	B delta-BHC	4.744	4.195	252.4E6	420.5E6	56.333	54.594
8)	B Heptachlo...	5.663	4.799	238.1E6	374.8E6	57.392	56.064
9)	A Endosulfan I	6.045	5.170	164.2E6	259.6E6	40.660	36.192
10)	B gamma-Chl...	5.917	5.051	240.8E6	396.8E6	54.412	56.529
11)	B alpha-Chl...	5.997	5.115	237.8E6	386.7E6	54.303	51.419
12)	B 4,4'-DDE	6.167	5.304	203.5E6	370.6E6	54.891	57.339
13)	MA Dieldrin	6.316	5.435	227.4E6	393.3E6	53.770	57.678
14)	MA Endrin	6.543	5.709	165.4E6	318.0E6	53.191	52.164
15)	B Endosulfa...	6.756	6.001	96385480	179.0E6	27.776	30.528
16)	A 4,4'-DDD	6.675	5.855	174.1E6	372.3E6	59.792	72.582m
17)	MA 4,4'-DDT	6.990	6.109	139.6E6	269.0E6	45.978	46.909
18)	B Endrin al...	6.884	6.179	141.2E6	263.3E6	63.161	59.116
19)	B Endosulfa...	7.118	6.403	159.4E6	322.4E6	52.104	57.329
20)	A Methoxychlor	7.462	6.681	69060408	136.1E6	43.837	44.802
21)	B Endrin ke...	7.597	6.907	170.8E6	339.5E6	51.736	54.296
22)	Mirex	8.076	7.097	139.4E6	245.5E6	50.115m	49.416

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096561.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 17:15
Operator : AR\AJ
Sample : Q2641-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

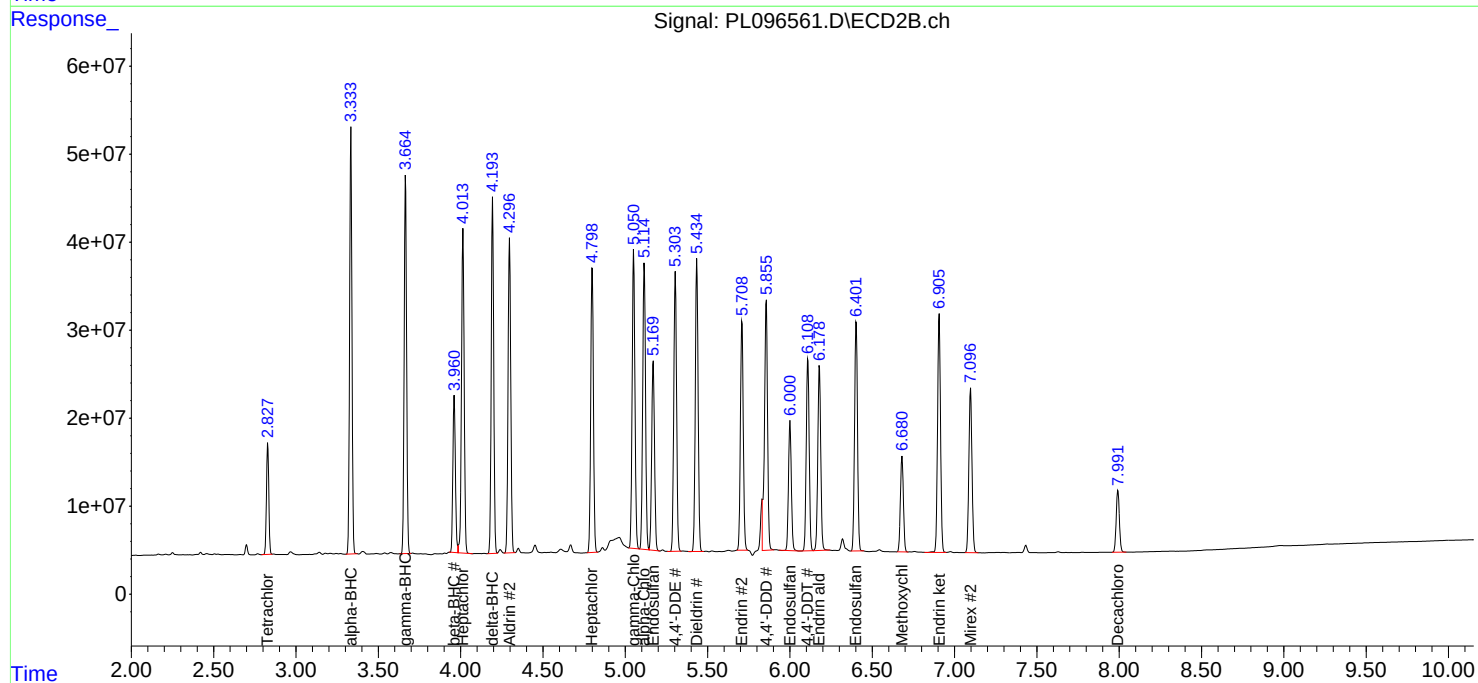
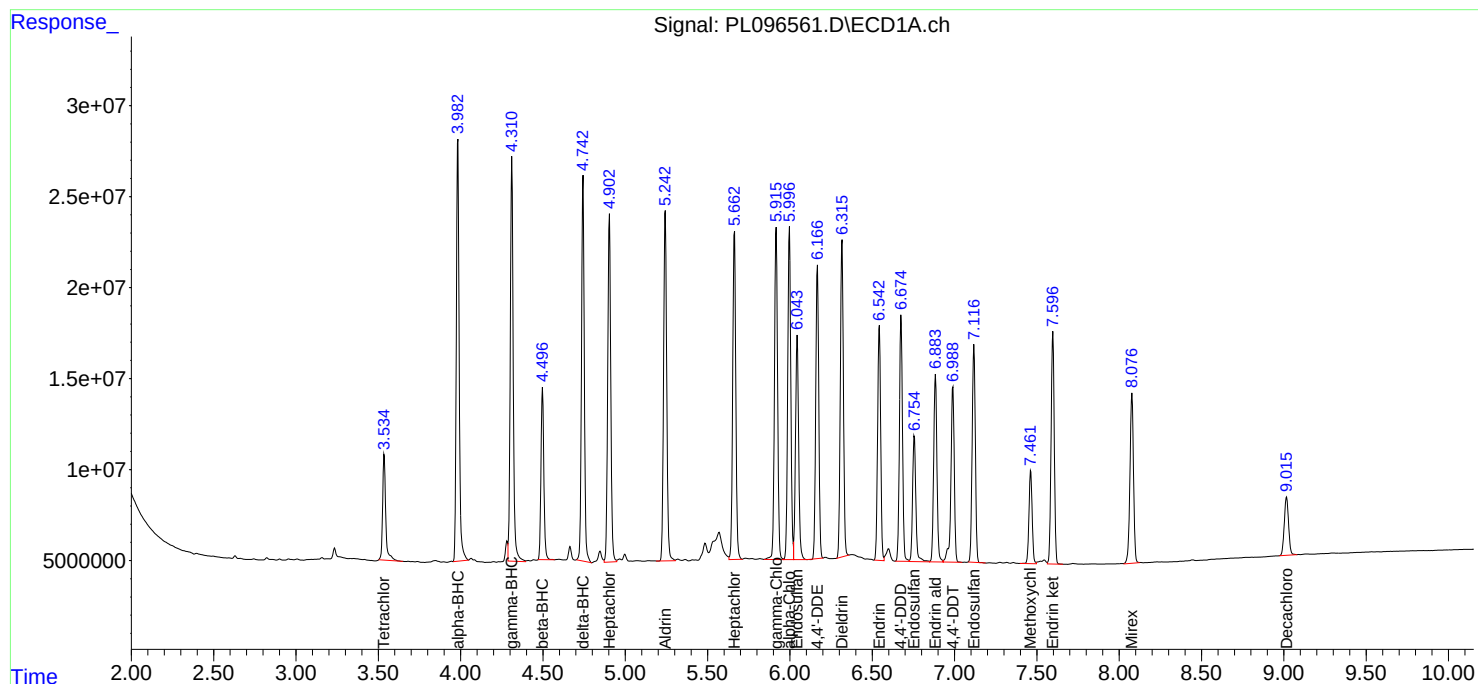
Instrument :
ECD_L
ClientSampleId :
P001-CONCRETE001-01MSD

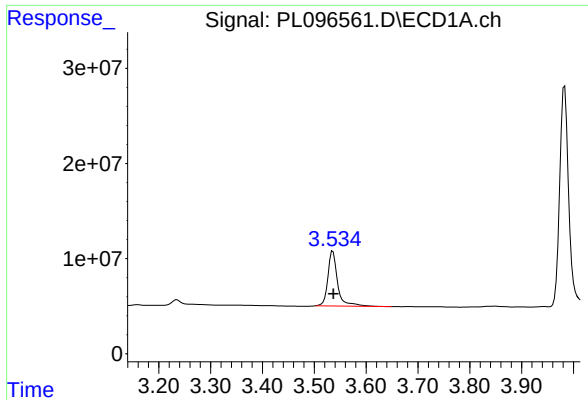
Manual Integrations
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Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:32:57 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





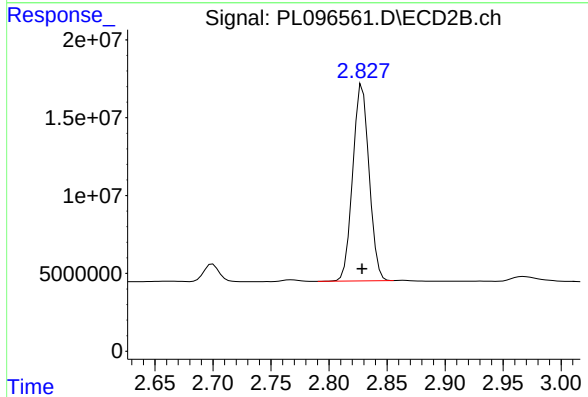
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.001 min
Response: 75248288
Conc: 20.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CONCRETE001-01MSD

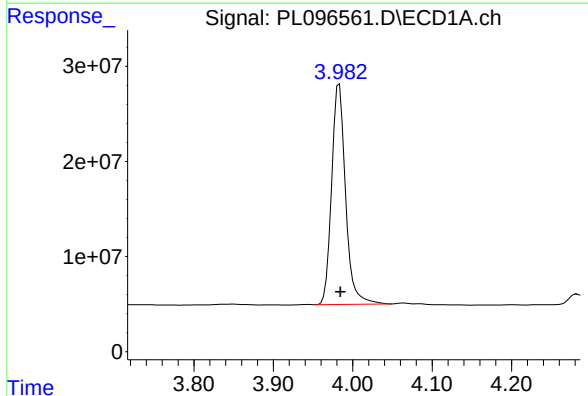
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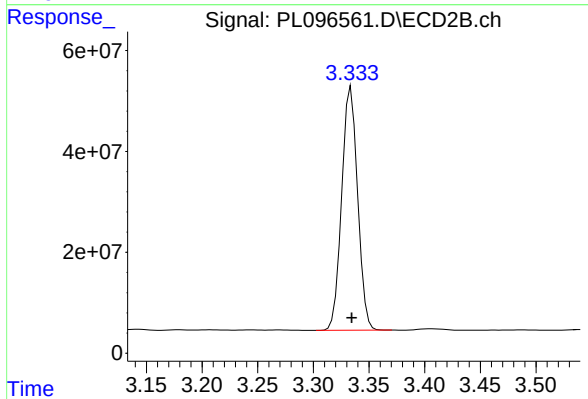
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.000 min
Response: 123722831
Conc: 21.44 ng/ml



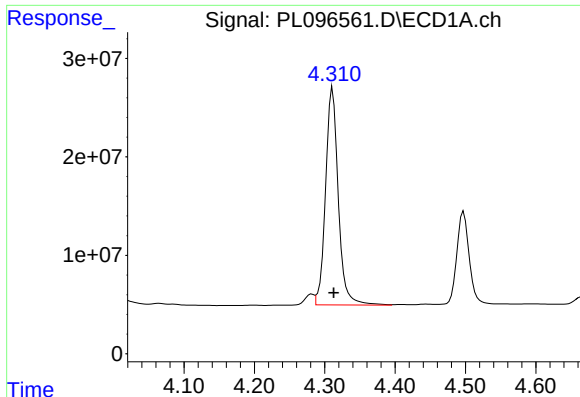
#2 alpha-BHC

R.T.: 3.983 min
Delta R.T.: -0.001 min
Response: 281929954
Conc: 54.82 ng/ml



#2 alpha-BHC

R.T.: 3.334 min
Delta R.T.: 0.000 min
Response: 479801866
Conc: 56.89 ng/ml



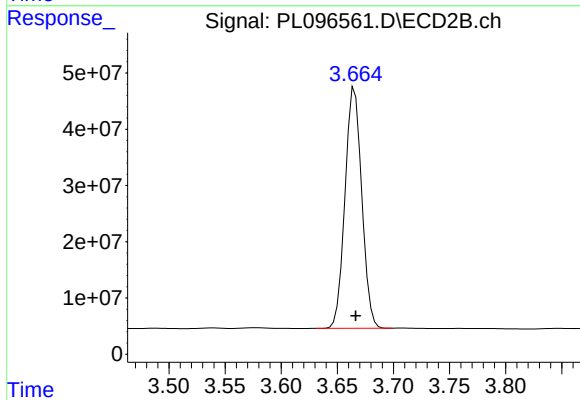
#3 gamma-BHC (Lindane)

R.T.: 4.310 min
Delta R.T.: -0.003 min
Response: 276536924
Conc: 55.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CONCRETE001-01MSD

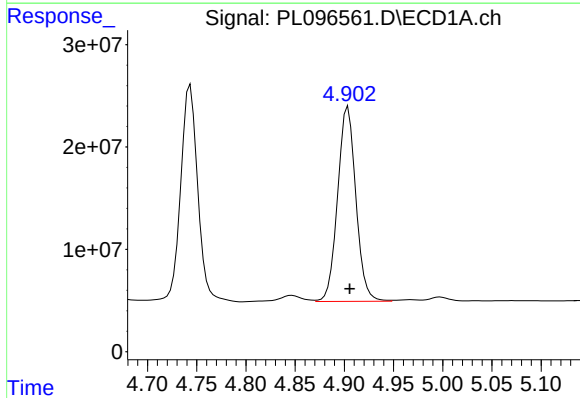
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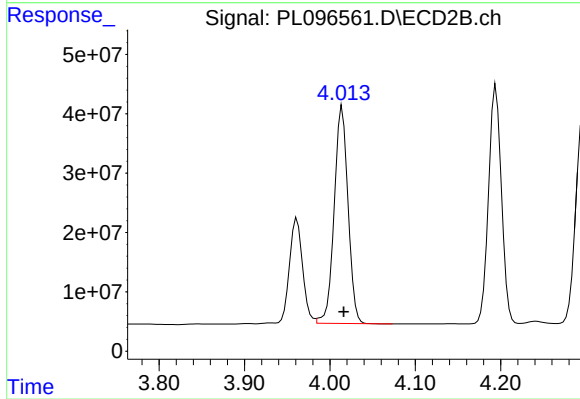
#3 gamma-BHC (Lindane)

R.T.: 3.665 min
Delta R.T.: -0.001 min
Response: 444197007
Conc: 56.40 ng/ml



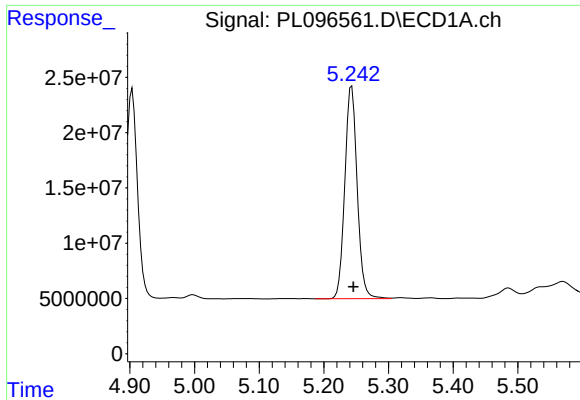
#4 Heptachlor

R.T.: 4.904 min
Delta R.T.: -0.002 min
Response: 245708252
Conc: 53.63 ng/ml



#4 Heptachlor

R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 412022110
Conc: 54.16 ng/ml



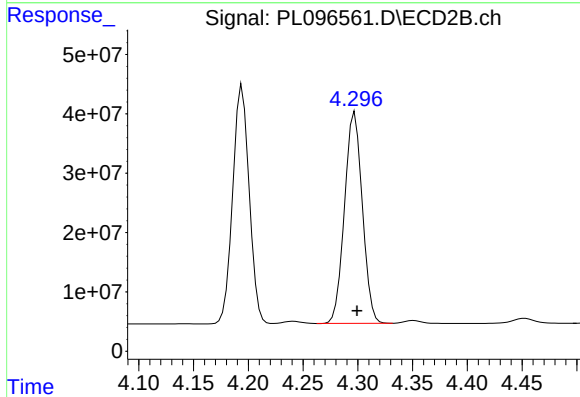
#5 Aldrin

R.T.: 5.243 min
Delta R.T.: -0.003 min
Response: 255640895
Conc: 52.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CONCRETE001-01MSD

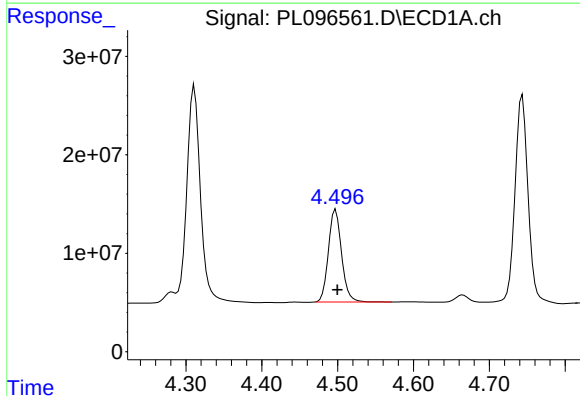
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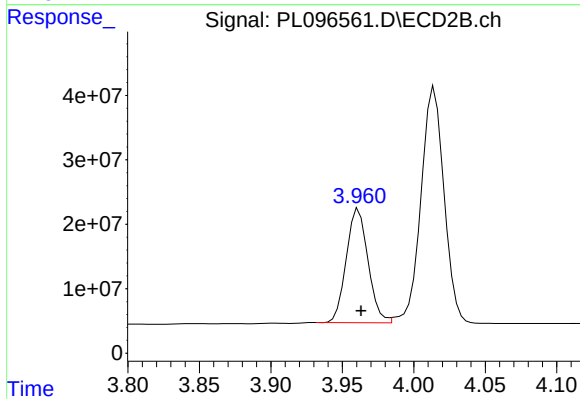
#5 Aldrin

R.T.: 4.297 min
Delta R.T.: -0.002 min
Response: 402933996
Conc: 55.23 ng/ml



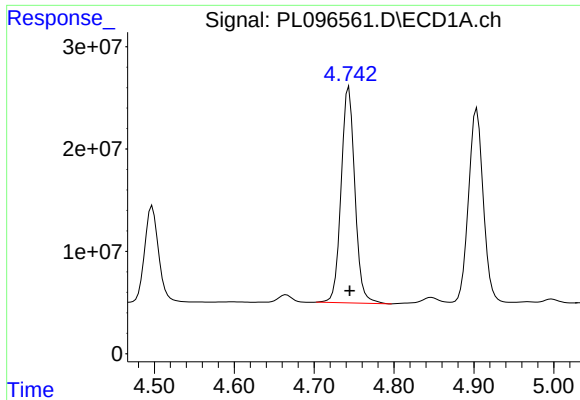
#6 beta-BHC

R.T.: 4.497 min
Delta R.T.: -0.002 min
Response: 113480937
Conc: 54.59 ng/ml



#6 beta-BHC

R.T.: 3.962 min
Delta R.T.: -0.001 min
Response: 187358948
Conc: 54.72 ng/ml



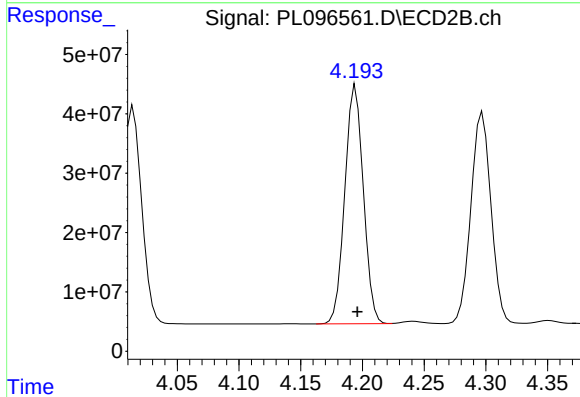
#7 delta-BHC

R.T.: 4.744 min
Delta R.T.: -0.001 min
Response: 252446579
Conc: 56.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CONCRETE001-01MSD

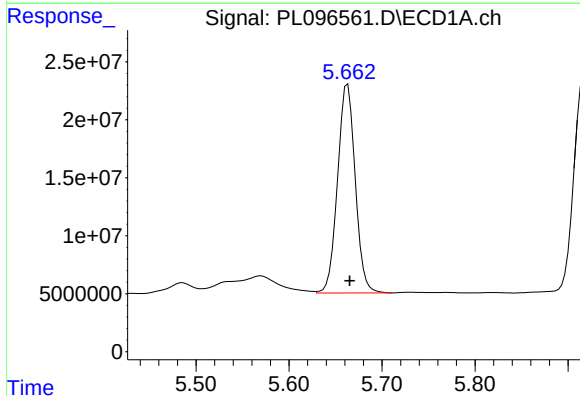
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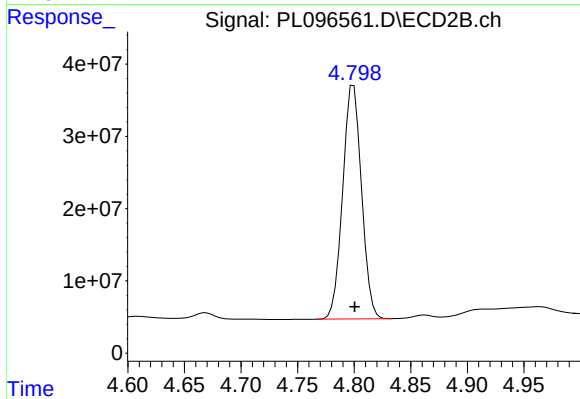
#7 delta-BHC

R.T.: 4.195 min
Delta R.T.: -0.001 min
Response: 420477021
Conc: 54.59 ng/ml



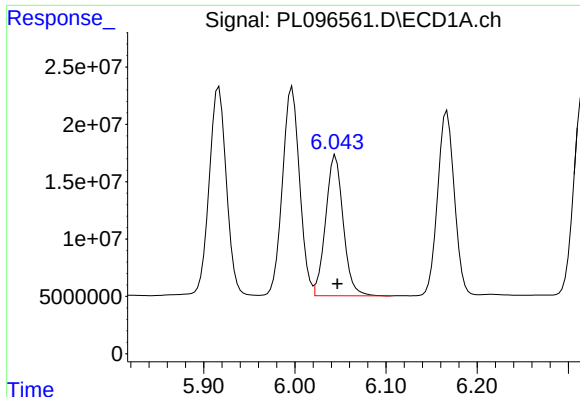
#8 Heptachlor epoxide

R.T.: 5.663 min
Delta R.T.: -0.002 min
Response: 238127064
Conc: 57.39 ng/ml



#8 Heptachlor epoxide

R.T.: 4.799 min
Delta R.T.: 0.000 min
Response: 374784018
Conc: 56.06 ng/ml



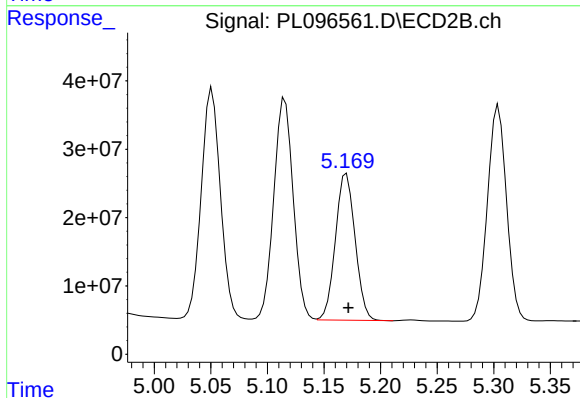
#9 Endosulfan I

R.T.: 6.045 min
Delta R.T.: -0.002 min
Response: 164156681
Conc: 40.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CONCRETE001-01MSD

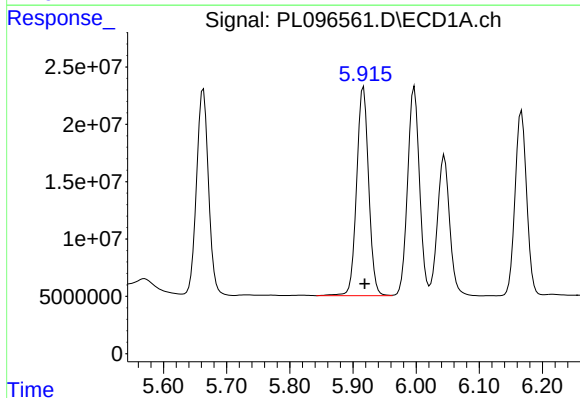
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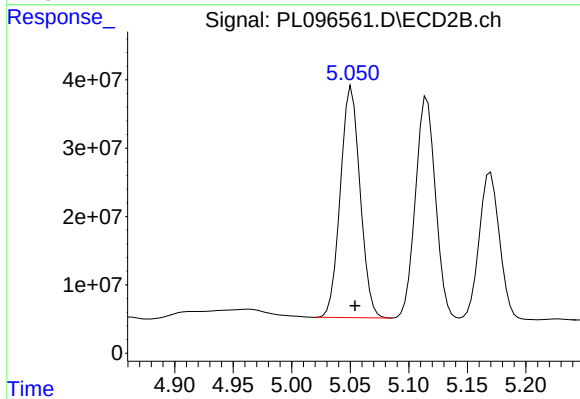
#9 Endosulfan I

R.T.: 5.170 min
Delta R.T.: -0.002 min
Response: 259646711
Conc: 36.19 ng/ml



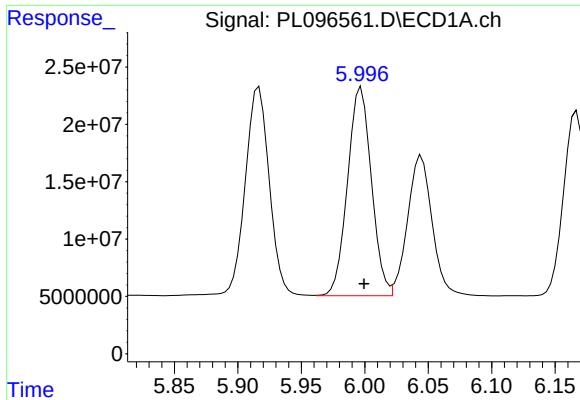
#10 gamma-Chlordane

R.T.: 5.917 min
Delta R.T.: -0.002 min
Response: 240762797
Conc: 54.41 ng/ml



#10 gamma-Chlordane

R.T.: 5.051 min
Delta R.T.: -0.003 min
Response: 396819972
Conc: 56.53 ng/ml



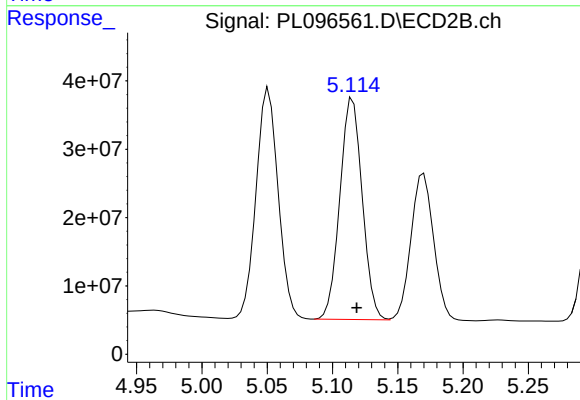
#11 alpha-Chlordane

R.T.: 5.997 min
Delta R.T.: -0.002 min
Response: 237784879
Conc: 54.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CONCRETE001-01MSD

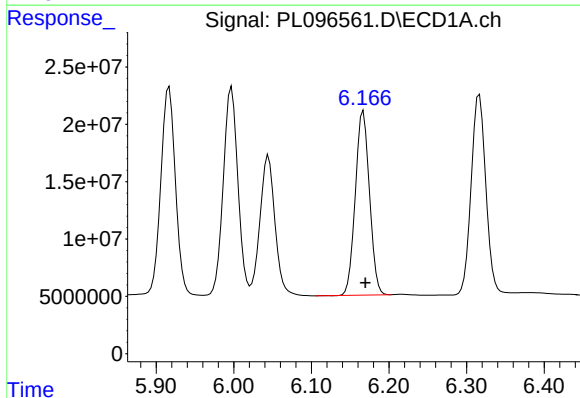
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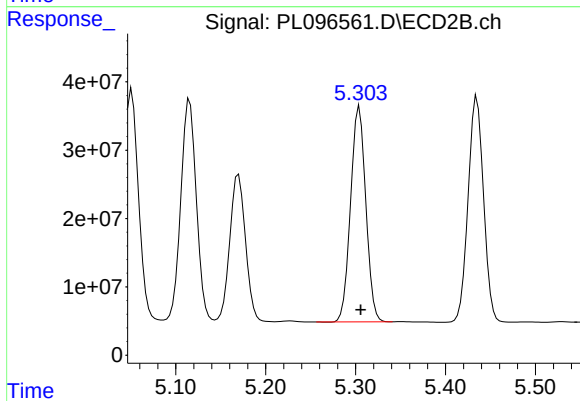
#11 alpha-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.003 min
Response: 386681280
Conc: 51.42 ng/ml



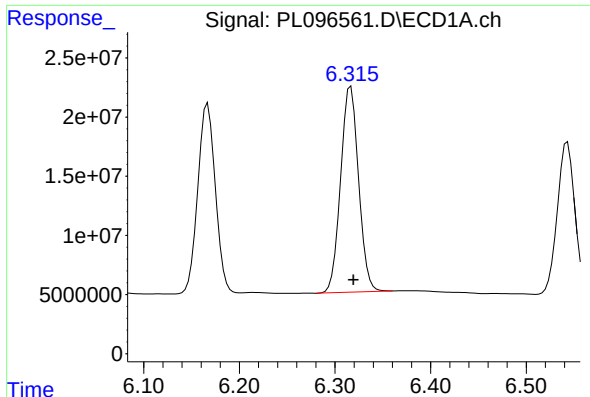
#12 4,4'-DDE

R.T.: 6.167 min
Delta R.T.: -0.003 min
Response: 203508610
Conc: 54.89 ng/ml



#12 4,4'-DDE

R.T.: 5.304 min
Delta R.T.: -0.001 min
Response: 370619436
Conc: 57.34 ng/ml



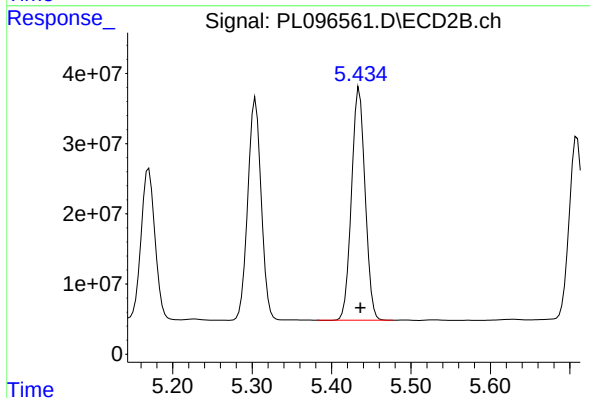
#13 Dieldrin

R.T.: 6.316 min
Delta R.T.: -0.003 min
Response: 227361276
Conc: 53.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
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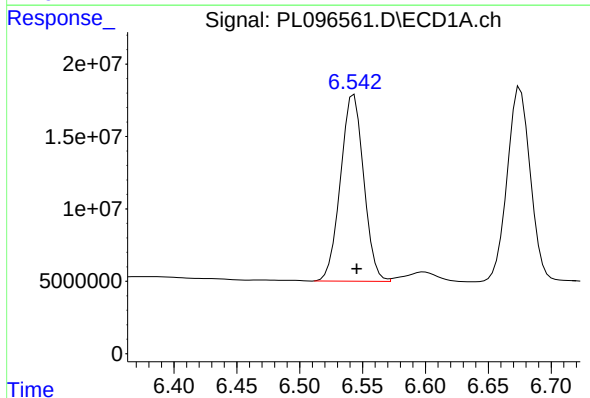
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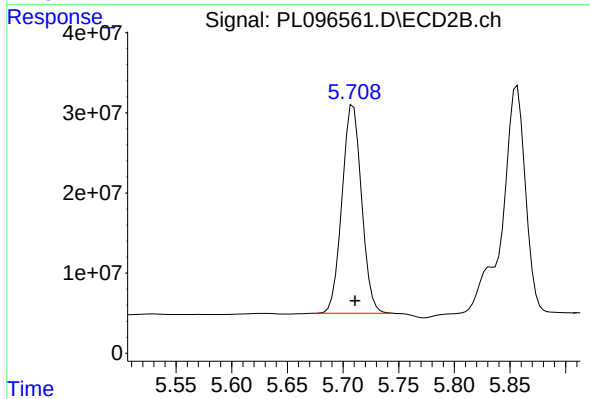
#13 Dieldrin

R.T.: 5.435 min
Delta R.T.: -0.001 min
Response: 393324099
Conc: 57.68 ng/ml



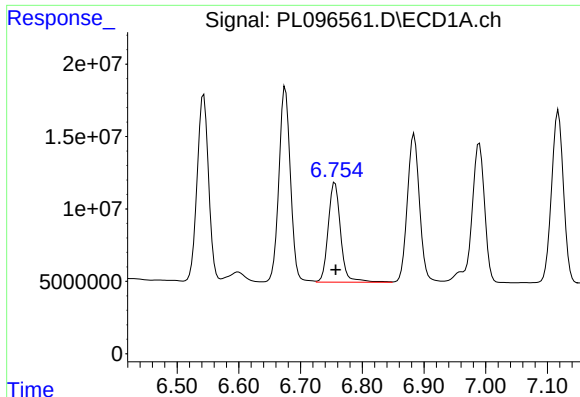
#14 Endrin

R.T.: 6.543 min
Delta R.T.: -0.002 min
Response: 165434974
Conc: 53.19 ng/ml



#14 Endrin

R.T.: 5.709 min
Delta R.T.: -0.002 min
Response: 318015146
Conc: 52.16 ng/ml



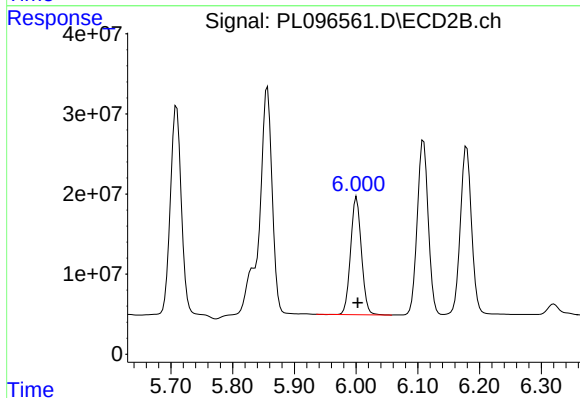
#15 Endosulfan II

R.T.: 6.756 min
Delta R.T.: -0.001 min
Response: 96385480
Conc: 27.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CONCRETE001-01MSD

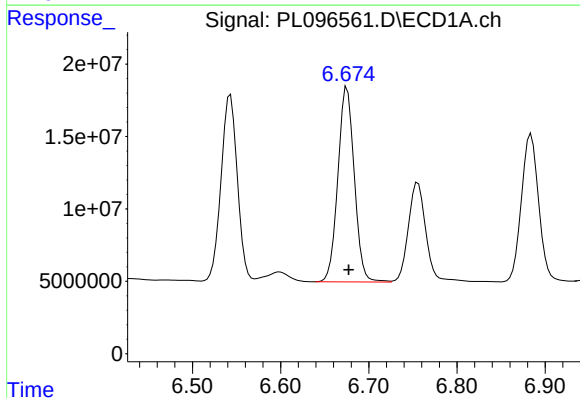
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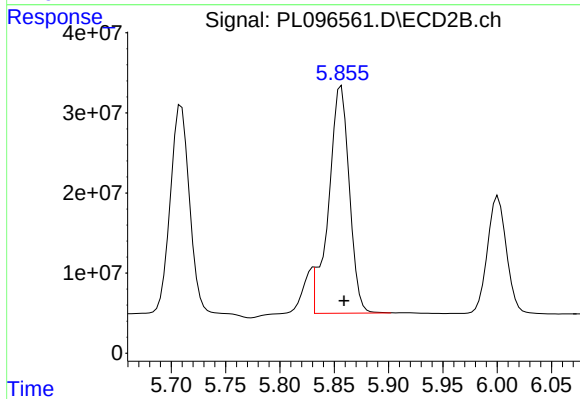
#15 Endosulfan II

R.T.: 6.001 min
Delta R.T.: -0.002 min
Response: 179013030
Conc: 30.53 ng/ml



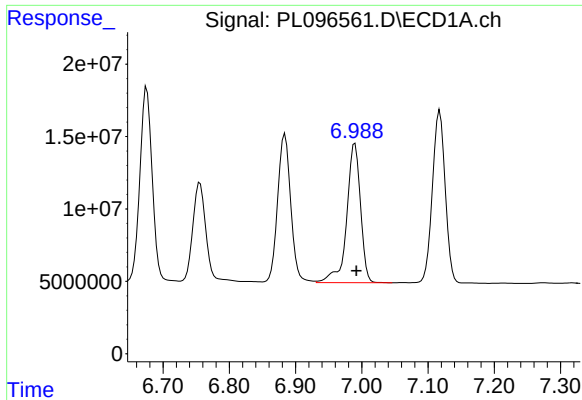
#16 4,4'-DDD

R.T.: 6.675 min
Delta R.T.: -0.002 min
Response: 174095629
Conc: 59.79 ng/ml



#16 4,4'-DDD

R.T.: 5.855 min
Delta R.T.: -0.004 min
Response: 372250610
Conc: 72.58 ng/ml m



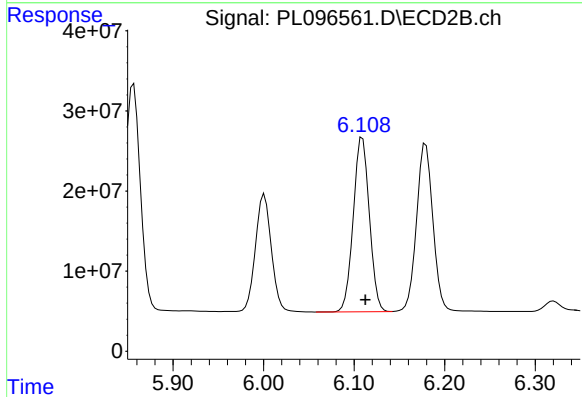
#17 4,4'-DDT

R.T.: 6.990 min
Delta R.T.: -0.002 min
Response: 139554063
Conc: 45.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CONCRETE001-01MSD

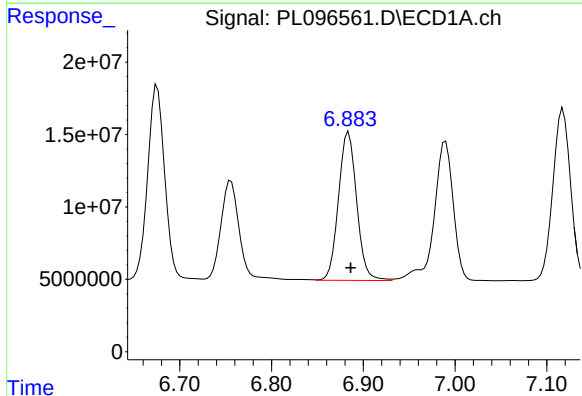
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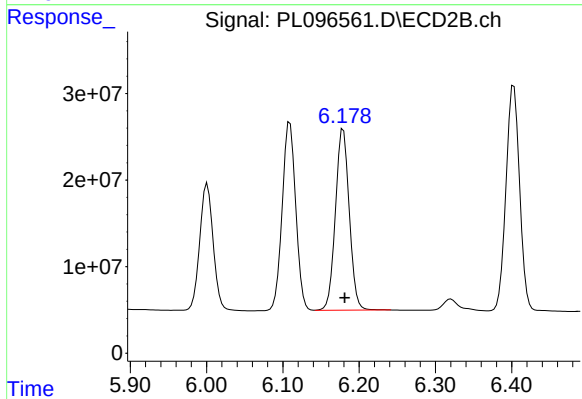
#17 4,4'-DDT

R.T.: 6.109 min
Delta R.T.: -0.003 min
Response: 269031655
Conc: 46.91 ng/ml



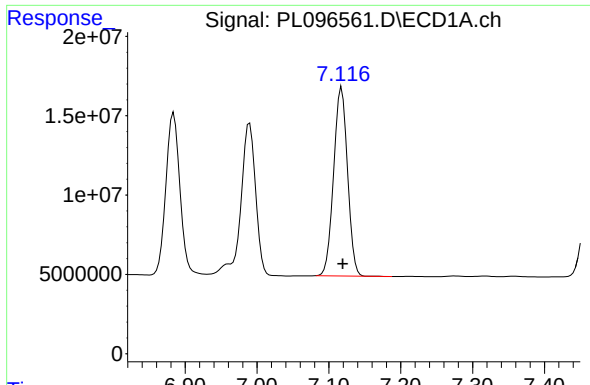
#18 Endrin aldehyde

R.T.: 6.884 min
Delta R.T.: -0.002 min
Response: 141200675
Conc: 63.16 ng/ml



#18 Endrin aldehyde

R.T.: 6.179 min
Delta R.T.: -0.002 min
Response: 263336546
Conc: 59.12 ng/ml



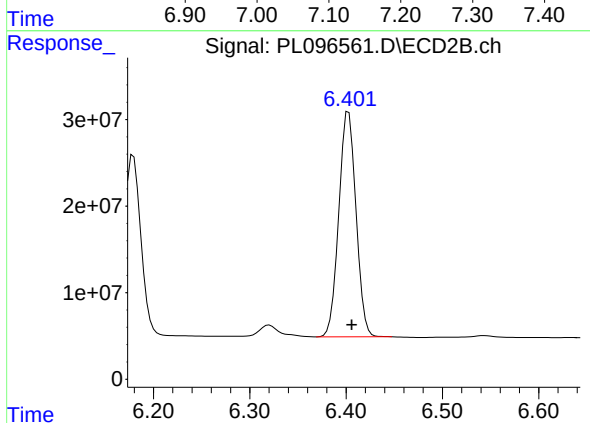
#19 Endosulfan Sulfate

R.T.: 7.118 min
Delta R.T.: -0.002 min
Response: 159379140
Conc: 52.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
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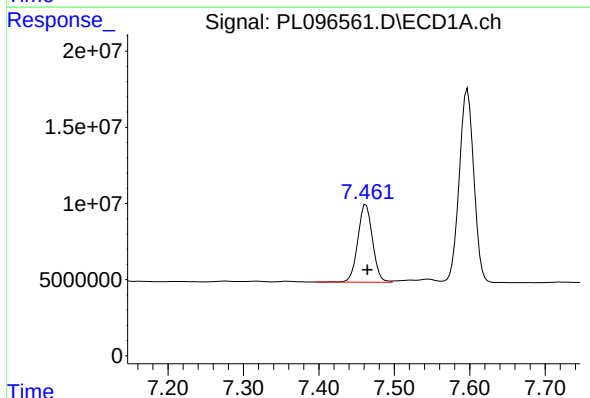
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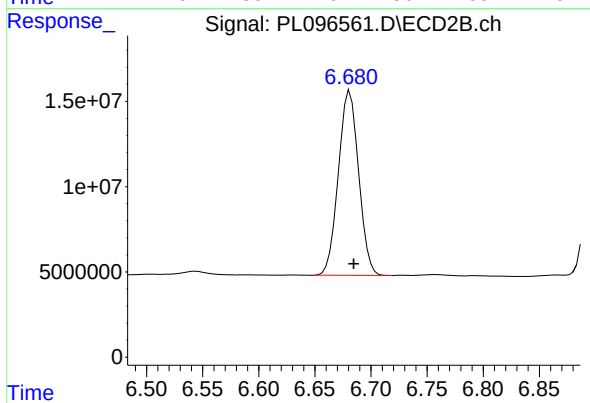
#19 Endosulfan Sulfate

R.T.: 6.403 min
Delta R.T.: -0.003 min
Response: 322443744
Conc: 57.33 ng/ml



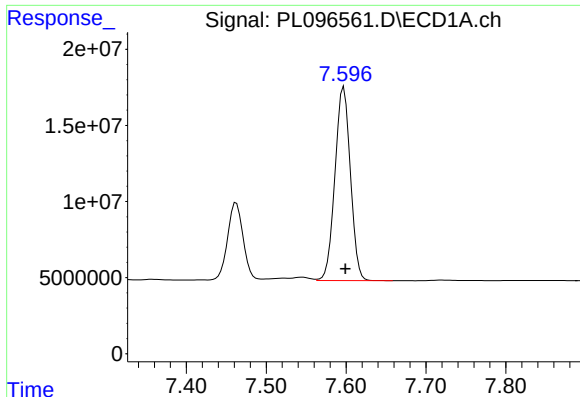
#20 Methoxychlor

R.T.: 7.462 min
Delta R.T.: -0.002 min
Response: 69060408
Conc: 43.84 ng/ml



#20 Methoxychlor

R.T.: 6.681 min
Delta R.T.: -0.004 min
Response: 136099314
Conc: 44.80 ng/ml



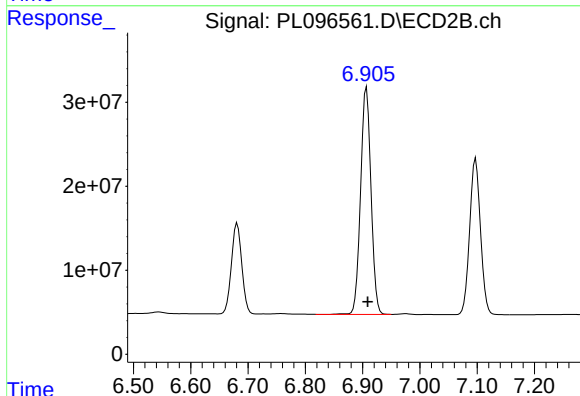
#21 Endrin ketone

R.T.: 7.597 min
Delta R.T.: -0.002 min
Response: 170814410
Conc: 51.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CONCRETE001-01MSD

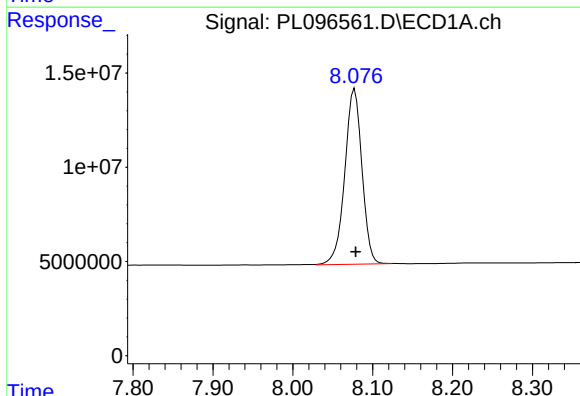
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/25/2025
Supervised By :mohammad ahmed 07/29/2025



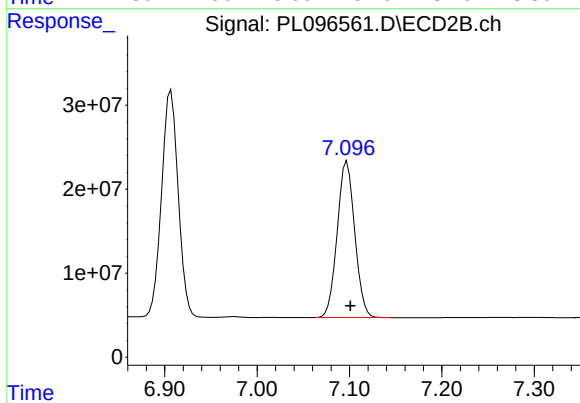
#21 Endrin ketone

R.T.: 6.907 min
Delta R.T.: -0.002 min
Response: 339469552
Conc: 54.30 ng/ml



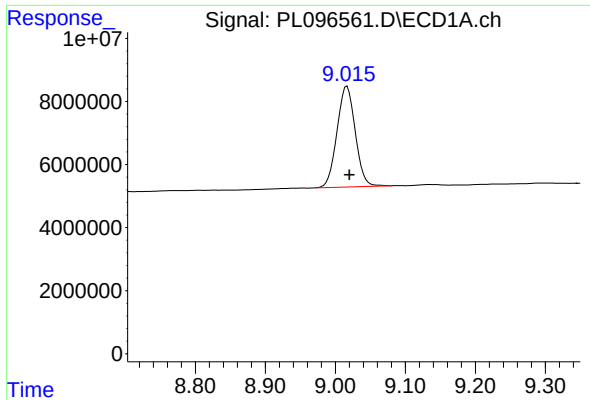
#22 Mirex

R.T.: 8.076 min
Delta R.T.: -0.003 min
Response: 139429742
Conc: 50.11 ng/ml m



#22 Mirex

R.T.: 7.097 min
Delta R.T.: -0.004 min
Response: 245507183
Conc: 49.42 ng/ml



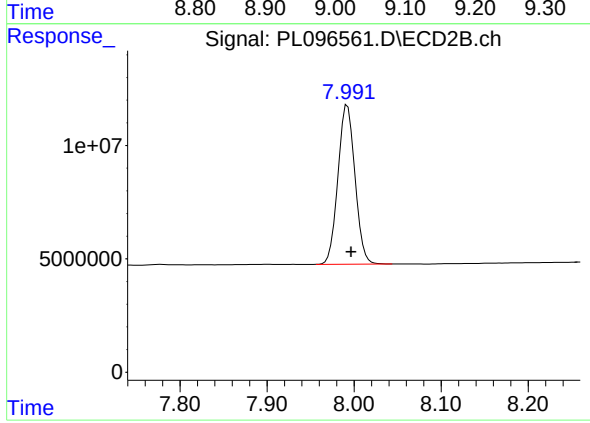
#28 Decachlorobiphenyl

R.T.: 9.017 min
Delta R.T.: -0.003 min
Response: 57830485
Conc: 20.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-CONCRETE001-01MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.992 min
Delta R.T.: -0.004 min
Response: 95607667
Conc: 19.17 ng/ml