

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071825\
 Data File : PL096477.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jul 2025 17:37
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/21/2025
 Supervised By :mohammad ahmed 07/22/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 23:27:37 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	2.828	192.5E6	316.1E6	52.749	54.775
28)	SA Decachlor...	9.018	7.993	133.0E6	247.2E6	47.265	49.566
Target Compounds							
2)	A alpha-BHC	3.984	3.334	279.1E6	475.9E6	54.272	56.429
3)	MA gamma-BHC...	4.312	3.666	266.8E6	439.4E6	53.586	55.796
4)	MA Heptachlor	4.905	4.015	242.8E6	418.8E6	52.993	55.050
5)	MB Aldrin	5.244	4.298	251.6E6	405.2E6	52.048	55.535
6)	B beta-BHC	4.499	3.962	112.2E6	185.9E6	53.979	54.282
7)	B delta-BHC	4.744	4.195	247.1E6	427.9E6	55.144	55.564
8)	B Heptachlo...	5.662	4.800	226.8E6	361.4E6	54.652m	54.057
9)	A Endosulfan I	6.044	5.171	204.3E6	329.5E6	50.598m	45.934
10)	B gamma-Chl...	5.916	5.052	228.5E6	381.5E6	51.634m	54.348
11)	B alpha-Chl...	5.999	5.116	230.6E6	371.8E6	52.671	49.439
12)	B 4,4'-DDE	6.168	5.305	192.2E6	348.5E6	51.849	53.917
13)	MA Dieldrin	6.318	5.434	217.6E6	373.5E6	51.457	54.769m
14)	MA Endrin	6.544	5.710	166.6E6	329.6E6	53.550	54.063
15)	B Endosulfa...	6.755	6.002	180.6E6	314.5E6	52.047m	53.626
16)	A 4,4'-DDD	6.676	5.857	164.9E6	300.4E6	56.628	58.580
17)	MA 4,4'-DDT	6.991	6.109	153.8E6	281.7E6	50.667	49.113
18)	B Endrin al...	6.884	6.180	128.0E6	236.4E6	57.257m	53.066
19)	B Endosulfa...	7.119	6.403	158.7E6	309.0E6	51.876	54.941
20)	A Methoxychlor	7.463	6.682	77135128	150.5E6	48.962	49.544
21)	B Endrin ke...	7.598	6.907	169.9E6	351.2E6	51.457	56.167
22)	Mirex	8.078	7.098	138.7E6	256.6E6	49.866	51.641

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071825\
Data File : PL096477.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Jul 2025 17:37
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

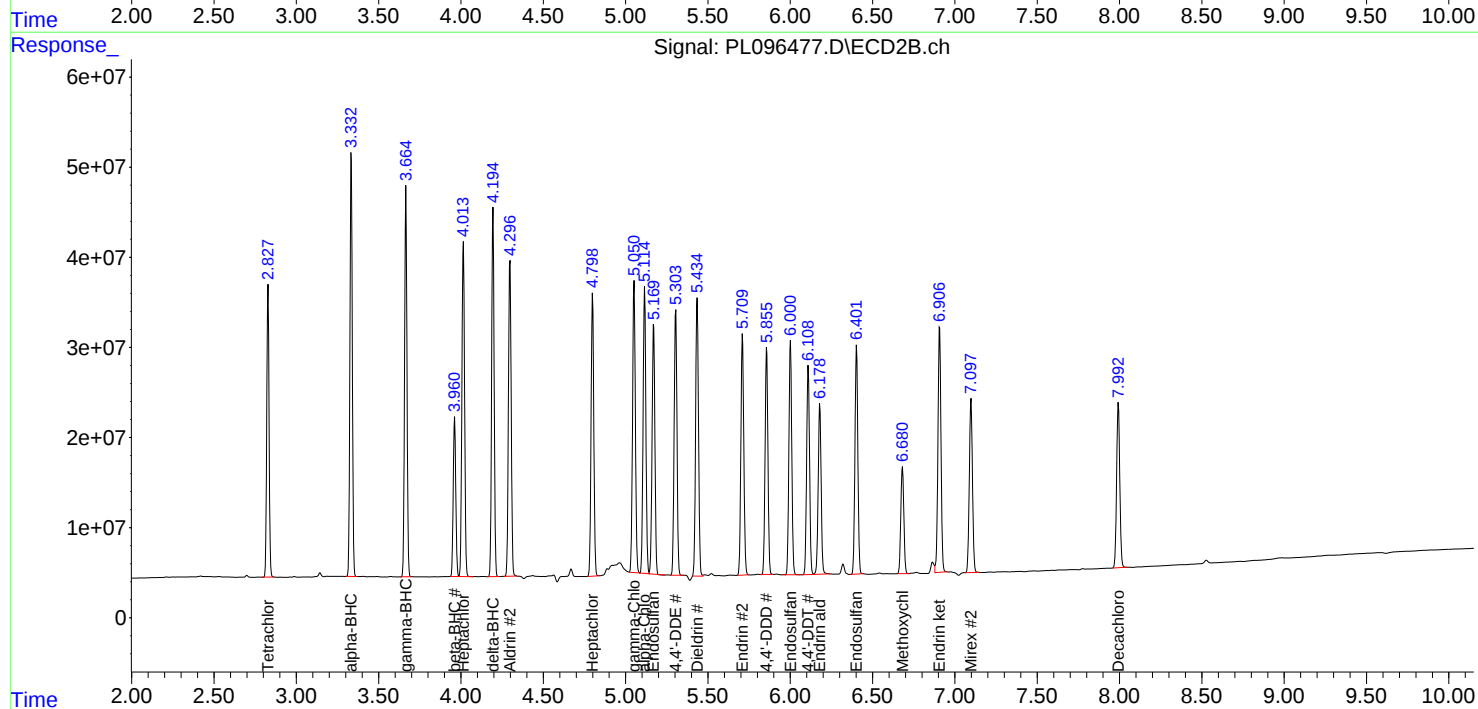
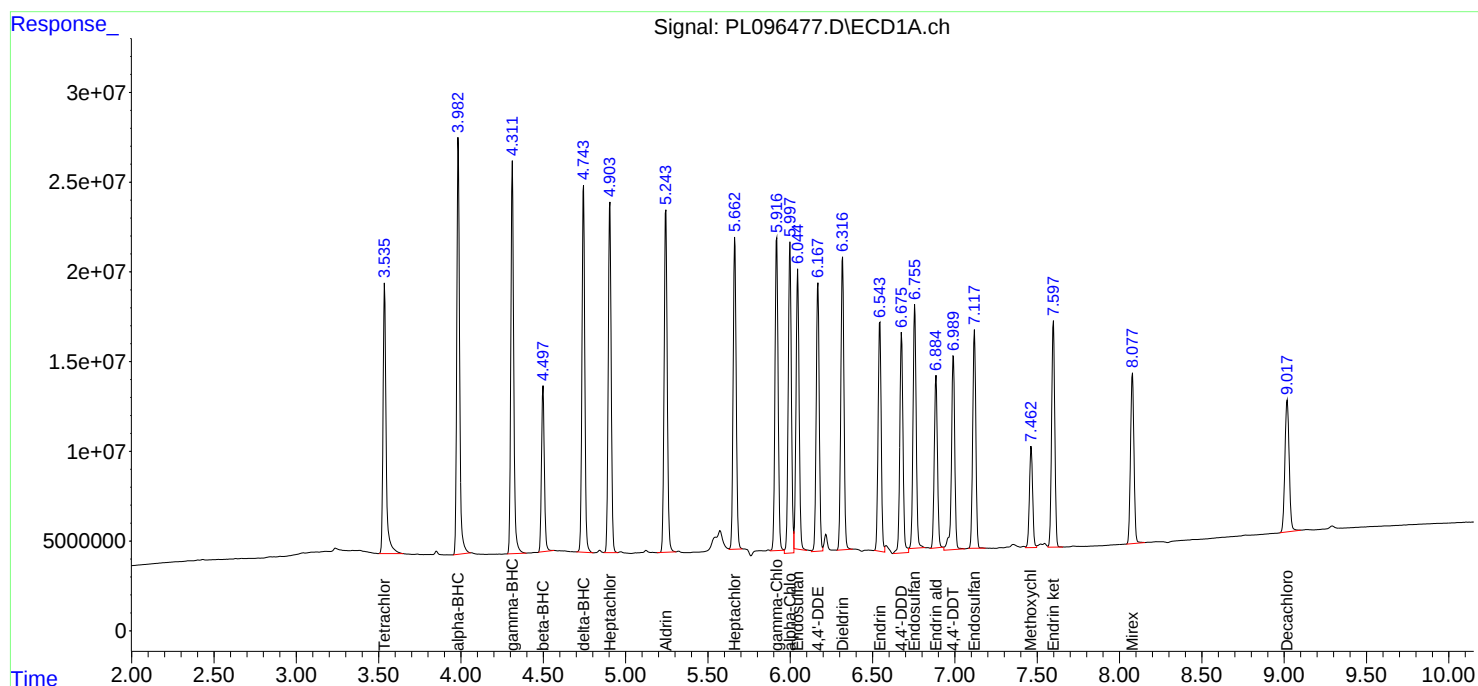
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

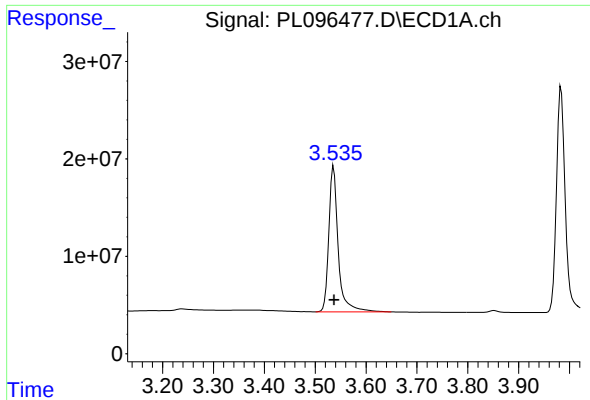
Manual Integrations
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Supervised By :mohammad ahmed 07/22/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 18 23:27:37 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





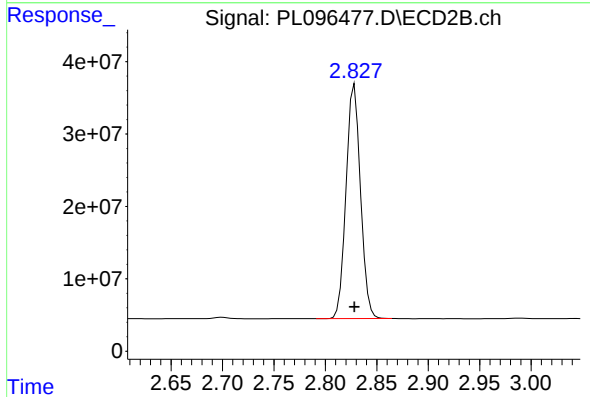
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: 0.000 min
Response: 192479394
Conc: 52.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

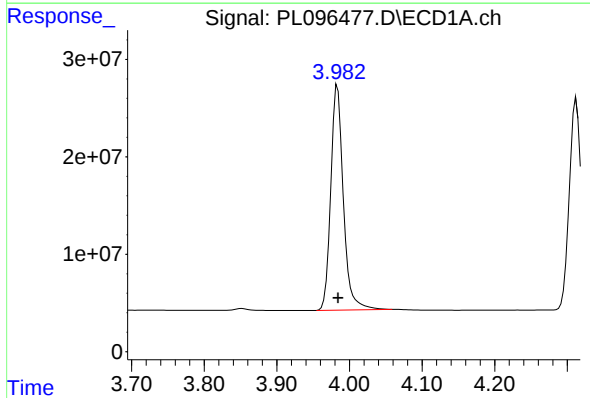
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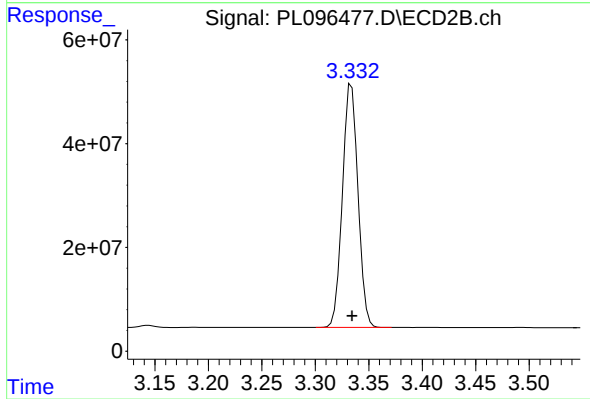
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 316120787
Conc: 54.78 ng/ml



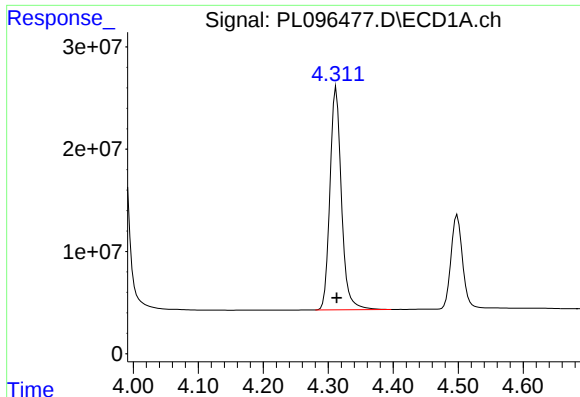
#2 alpha-BHC

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 279129312
Conc: 54.27 ng/ml



#2 alpha-BHC

R.T.: 3.334 min
Delta R.T.: 0.000 min
Response: 475945311
Conc: 56.43 ng/ml



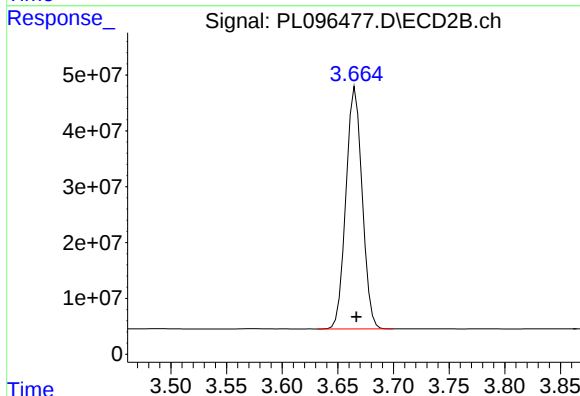
#3 gamma-BHC (Lindane)

R.T.: 4.312 min
Delta R.T.: 0.000 min
Response: 266840324
Conc: 53.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

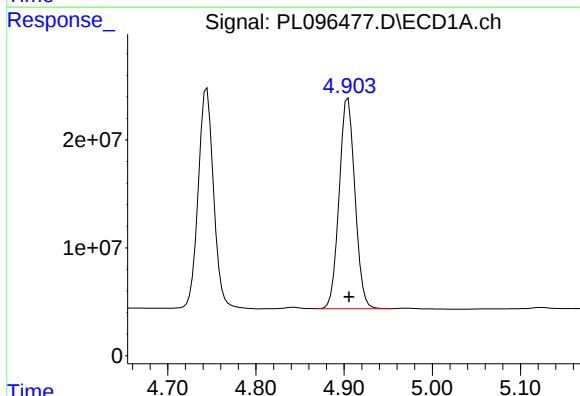
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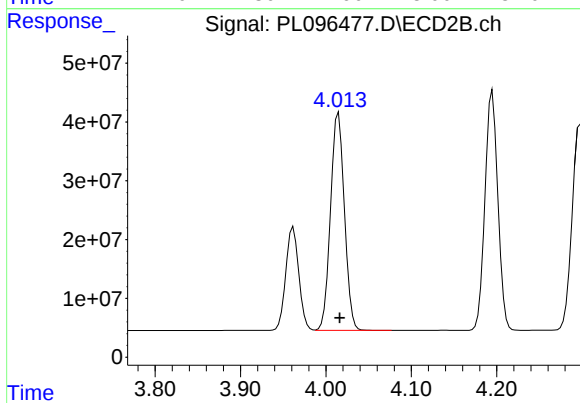
#3 gamma-BHC (Lindane)

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 439444240
Conc: 55.80 ng/ml



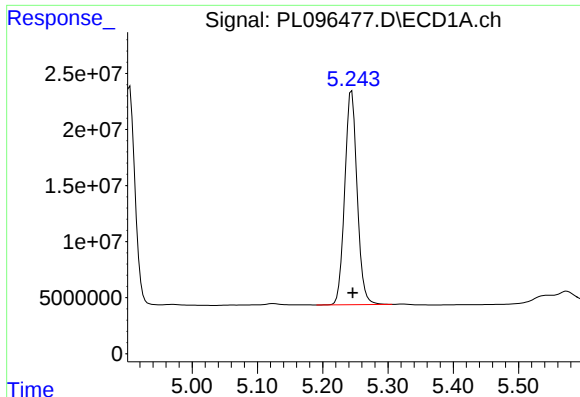
#4 Heptachlor

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 242771521
Conc: 52.99 ng/ml



#4 Heptachlor

R.T.: 4.015 min
Delta R.T.: -0.001 min
Response: 418807720
Conc: 55.05 ng/ml



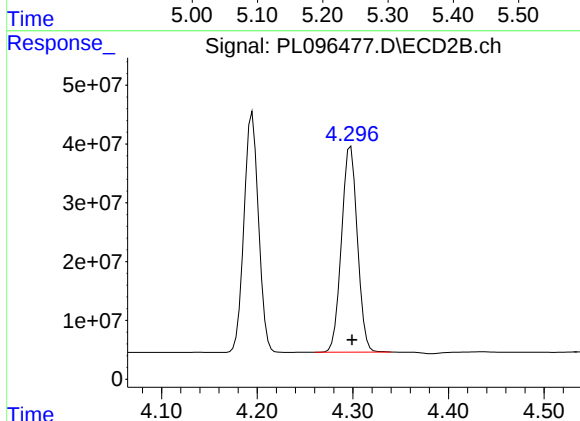
#5 Aldrin

R.T.: 5.244 min
Delta R.T.: -0.001 min
Response: 251584480
Conc: 52.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

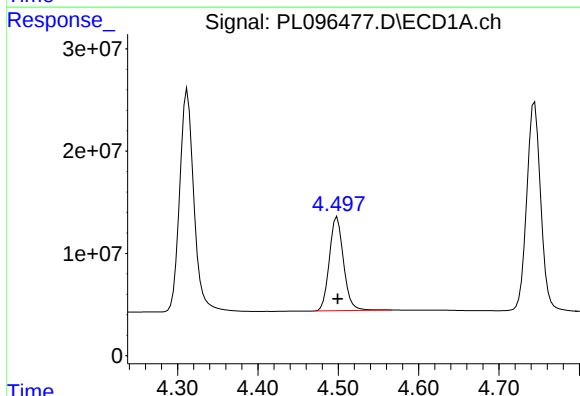
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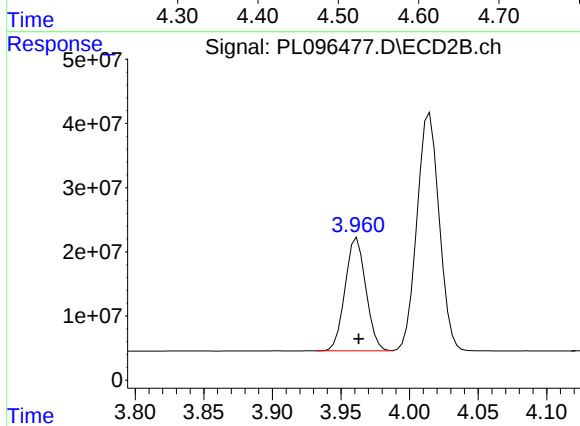
#5 Aldrin

R.T.: 4.298 min
Delta R.T.: -0.002 min
Response: 405163987
Conc: 55.54 ng/ml



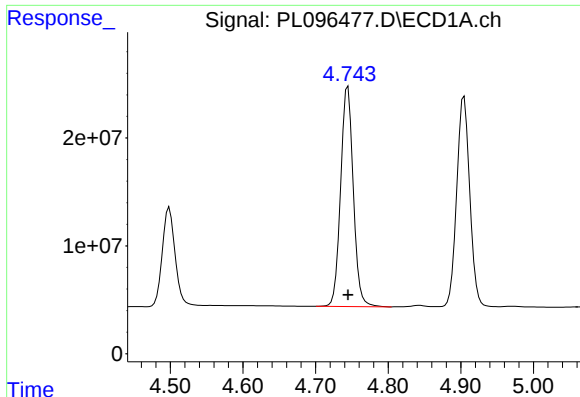
#6 beta-BHC

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 112211508
Conc: 53.98 ng/ml



#6 beta-BHC

R.T.: 3.962 min
Delta R.T.: -0.001 min
Response: 185856106
Conc: 54.28 ng/ml



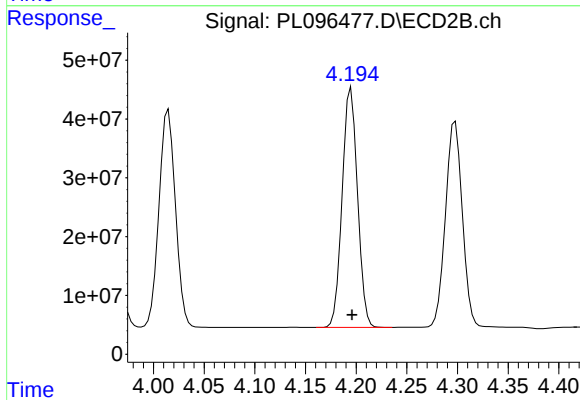
#7 delta-BHC

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 247119975
Conc: 55.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

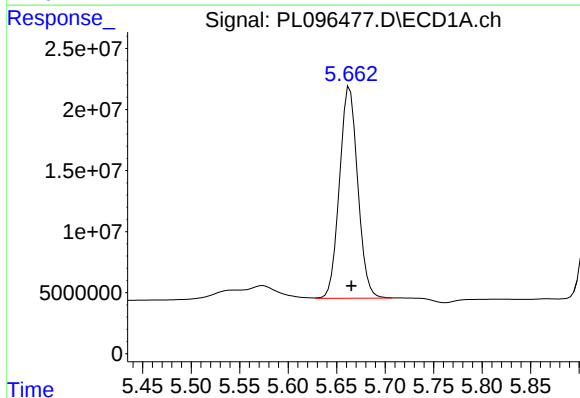
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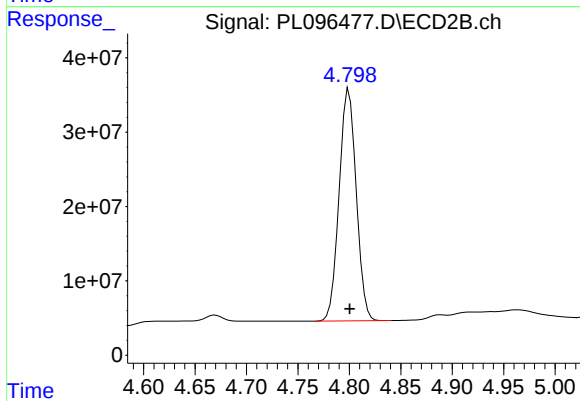
#7 delta-BHC

R.T.: 4.195 min
Delta R.T.: 0.000 min
Response: 427944934
Conc: 55.56 ng/ml



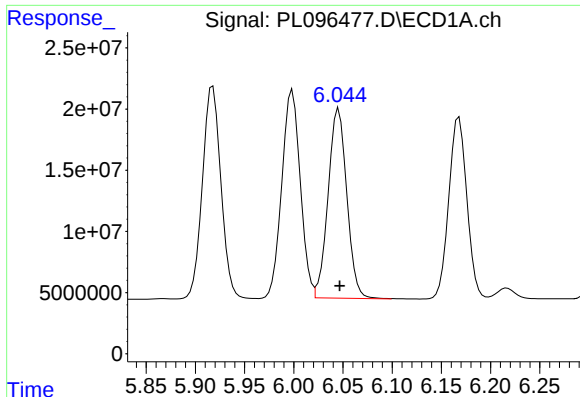
#8 Heptachlor epoxide

R.T.: 5.662 min
Delta R.T.: -0.003 min
Response: 226758629
Conc: 54.65 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 361367929
Conc: 54.06 ng/ml



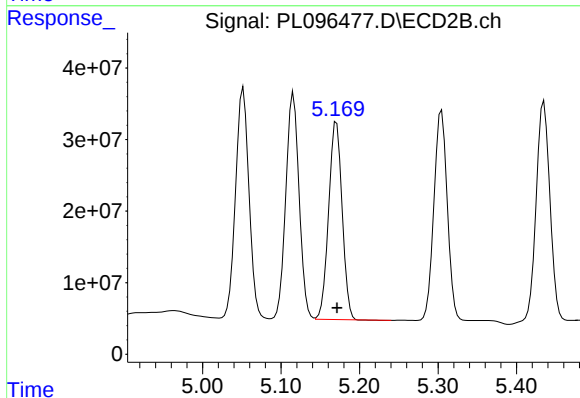
#9 Endosulfan I

R.T.: 6.044 min
Delta R.T.: -0.002 min
Response: 204277658
Conc: 50.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

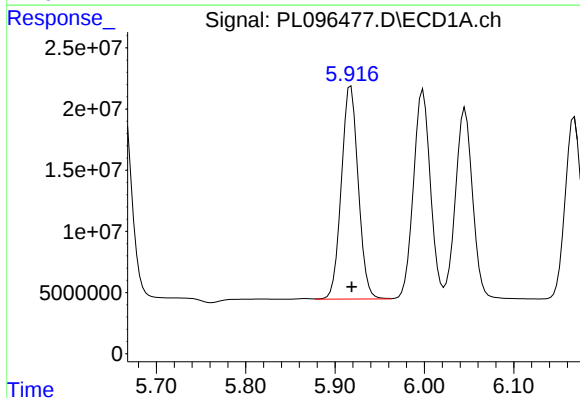
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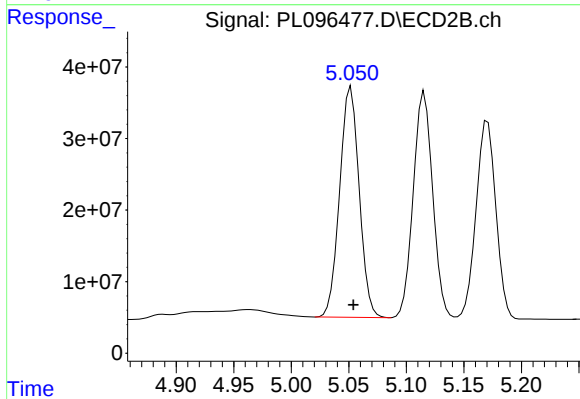
#9 Endosulfan I

R.T.: 5.171 min
Delta R.T.: -0.001 min
Response: 329535474
Conc: 45.93 ng/ml



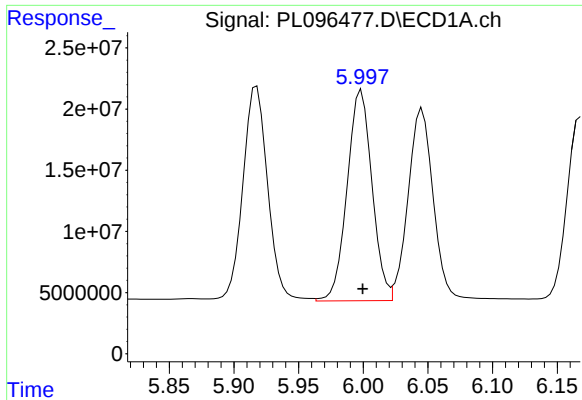
#10 gamma-Chlordane

R.T.: 5.916 min
Delta R.T.: -0.002 min
Response: 228469569
Conc: 51.63 ng/ml m



#10 gamma-Chlordane

R.T.: 5.052 min
Delta R.T.: -0.002 min
Response: 381505685
Conc: 54.35 ng/ml



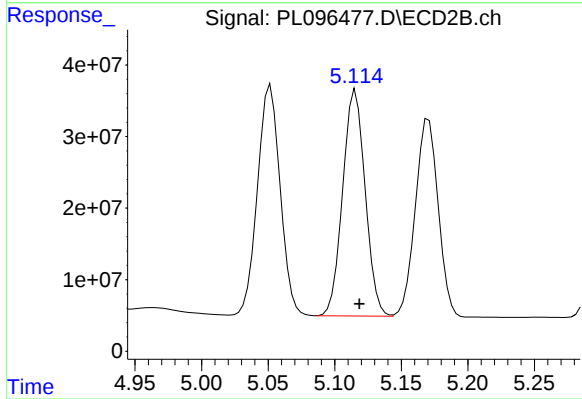
#11 alpha-Chlordane

R.T.: 5.999 min
Delta R.T.: 0.000 min
Response: 230639940
Conc: 52.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

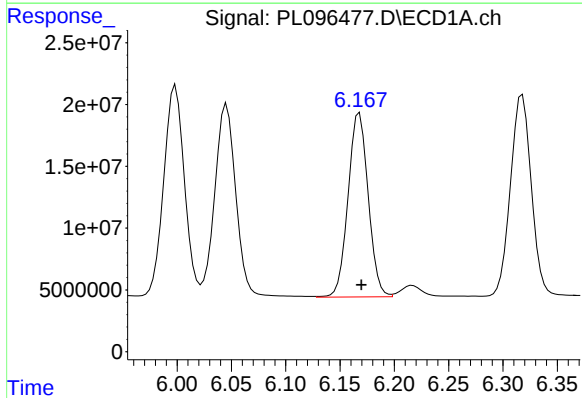
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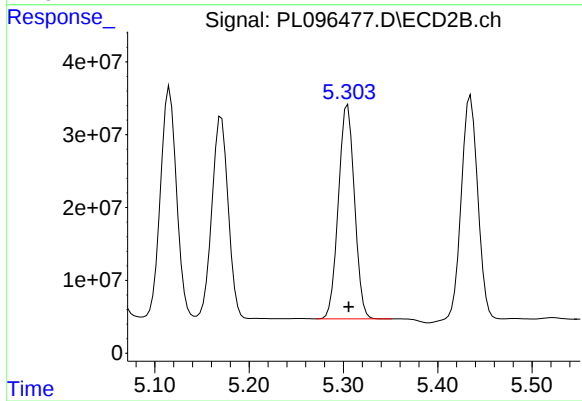
#11 alpha-Chlordane

R.T.: 5.116 min
Delta R.T.: -0.003 min
Response: 371795489
Conc: 49.44 ng/ml



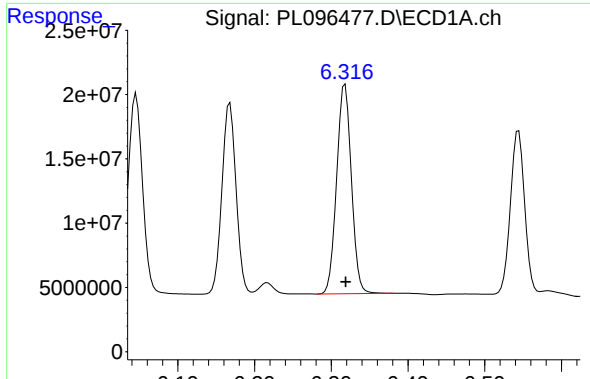
#12 4,4'-DDE

R.T.: 6.168 min
Delta R.T.: -0.002 min
Response: 192228186
Conc: 51.85 ng/ml



#12 4,4'-DDE

R.T.: 5.305 min
Delta R.T.: 0.000 min
Response: 348499407
Conc: 53.92 ng/ml



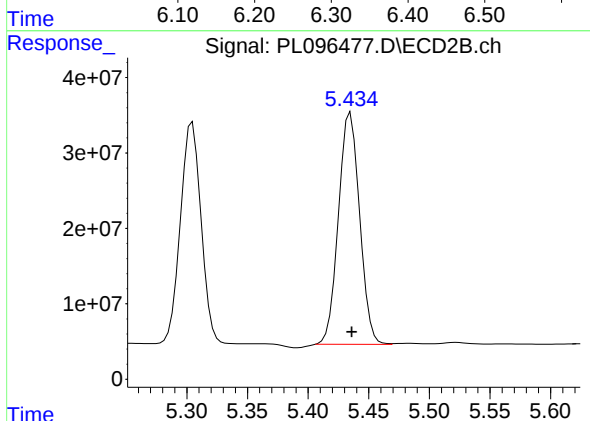
#13 Dieldrin

R.T.: 6.318 min
Delta R.T.: -0.001 min
Response: 217578943
Conc: 51.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

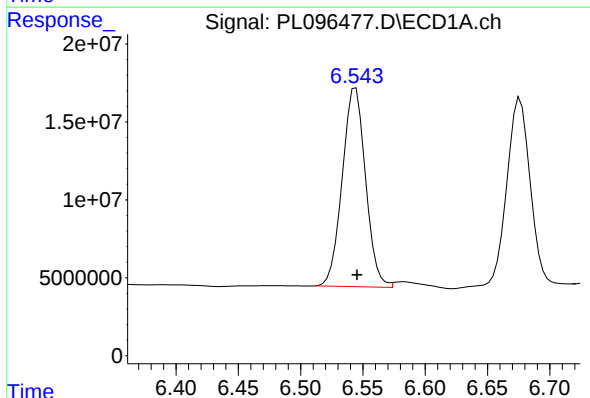
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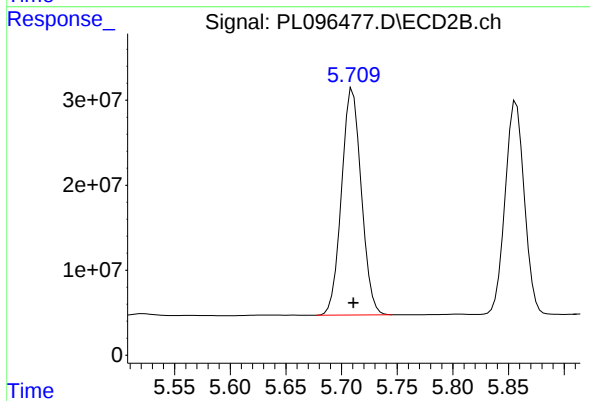
#13 Dieldrin

R.T.: 5.434 min
Delta R.T.: -0.003 min
Response: 373483545
Conc: 54.77 ng/ml m



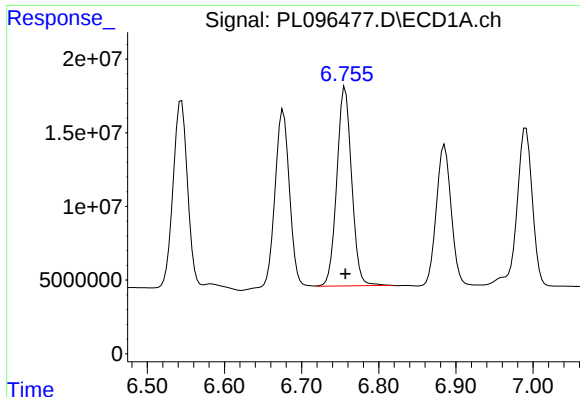
#14 Endrin

R.T.: 6.544 min
Delta R.T.: -0.001 min
Response: 166550298
Conc: 53.55 ng/ml



#14 Endrin

R.T.: 5.710 min
Delta R.T.: 0.000 min
Response: 329596682
Conc: 54.06 ng/ml



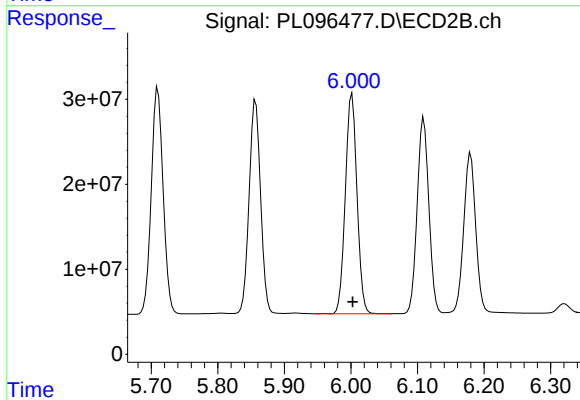
#15 Endosulfan II

R.T.: 6.755 min
Delta R.T.: -0.002 min
Response: 180604420
Conc: 52.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

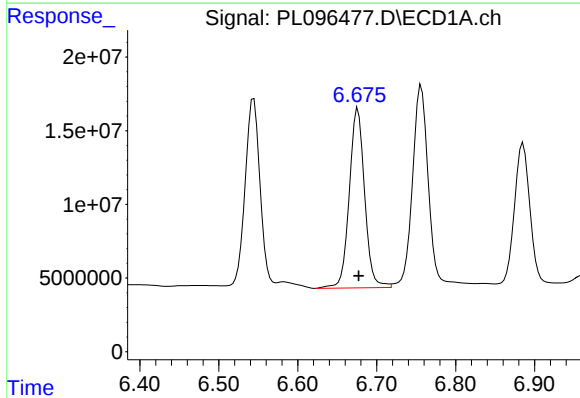
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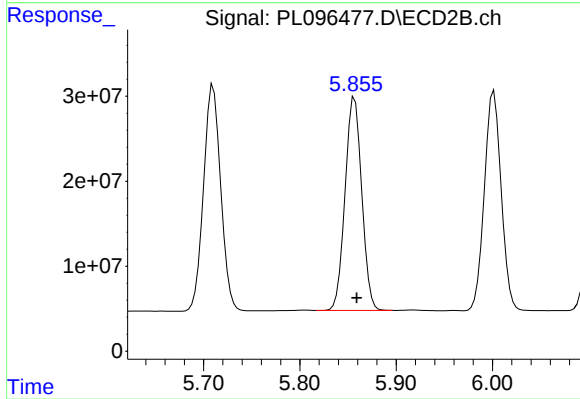
#15 Endosulfan II

R.T.: 6.002 min
Delta R.T.: -0.001 min
Response: 314459420
Conc: 53.63 ng/ml



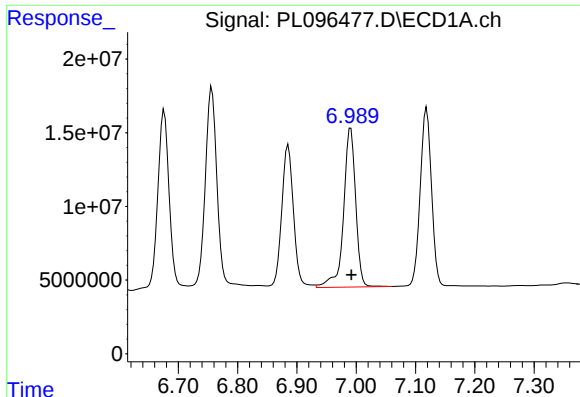
#16 4,4'-DDD

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 164883253
Conc: 56.63 ng/ml



#16 4,4'-DDD

R.T.: 5.857 min
Delta R.T.: -0.002 min
Response: 300440768
Conc: 58.58 ng/ml



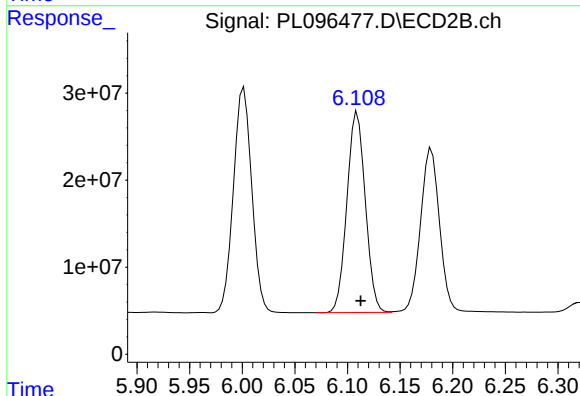
#17 4,4'-DDT

R.T.: 6.991 min
Delta R.T.: -0.001 min
Response: 153785013
Conc: 50.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

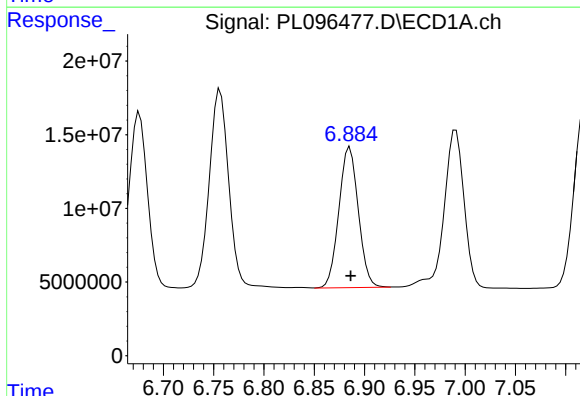
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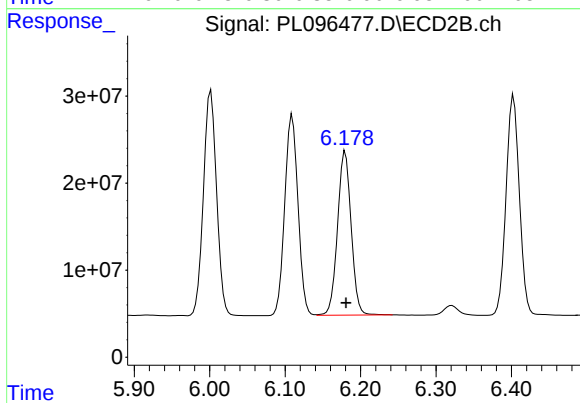
#17 4,4'-DDT

R.T.: 6.109 min
Delta R.T.: -0.003 min
Response: 281669310
Conc: 49.11 ng/ml



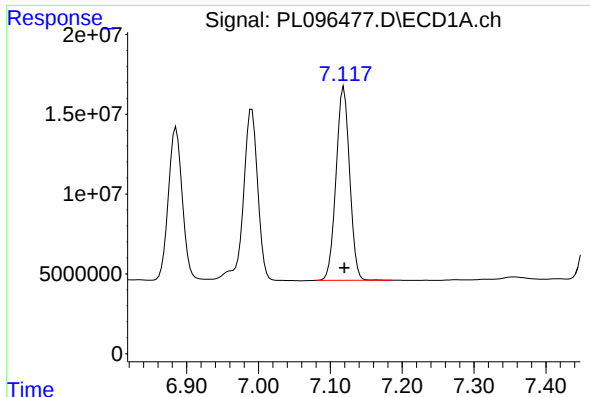
#18 Endrin aldehyde

R.T.: 6.884 min
Delta R.T.: -0.002 min
Response: 128000169
Conc: 57.26 ng/ml m



#18 Endrin aldehyde

R.T.: 6.180 min
Delta R.T.: -0.001 min
Response: 236388653
Conc: 53.07 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.119 min
Delta R.T.: 0.000 min
Response: 158679609
Conc: 51.88 ng/ml

Instrument :

ECD_L

ClientSampleId :

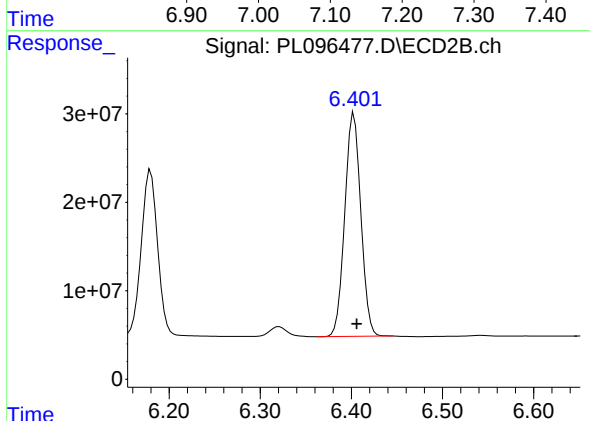
PSTDCCC050

Manual Integrations

APPROVED

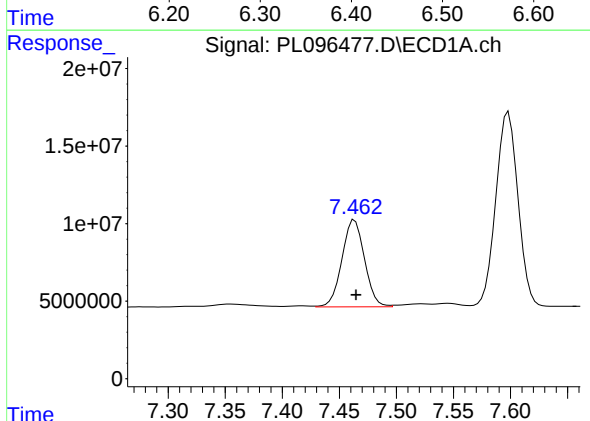
Reviewed By :Abdul Mirza 07/21/2025

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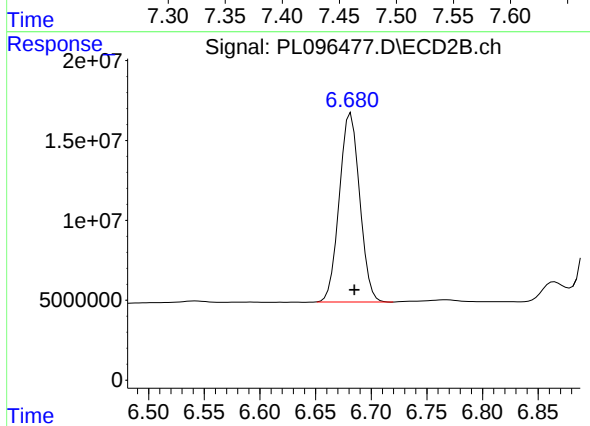
#19 Endosulfan Sulfate

R.T.: 6.403 min
Delta R.T.: -0.003 min
Response: 309007394
Conc: 54.94 ng/ml



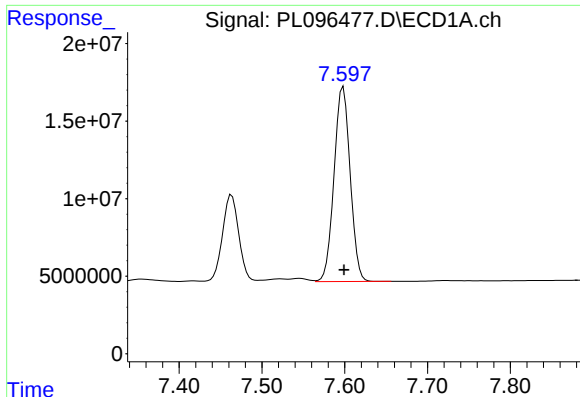
#20 Methoxychlor

R.T.: 7.463 min
Delta R.T.: -0.001 min
Response: 77135128
Conc: 48.96 ng/ml



#20 Methoxychlor

R.T.: 6.682 min
Delta R.T.: -0.003 min
Response: 150504985
Conc: 49.54 ng/ml



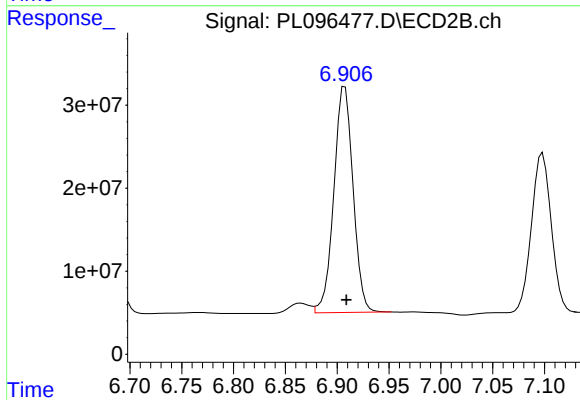
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: -0.001 min
Response: 169893536
Conc: 51.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

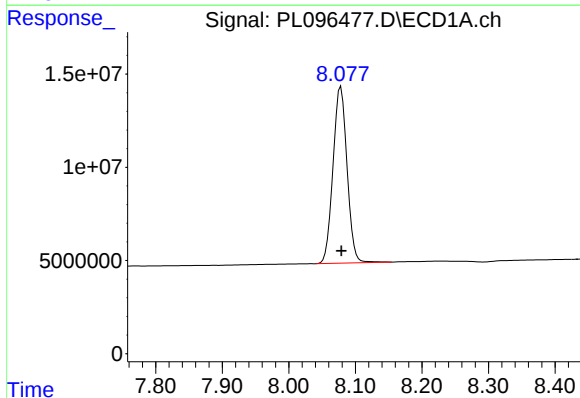
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/21/2025
Supervised By :mohammad ahmed 07/22/2025



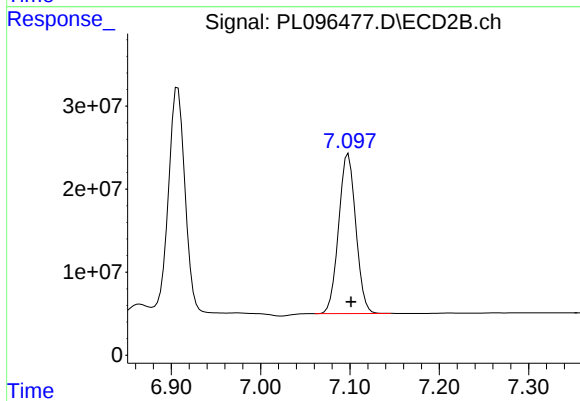
#21 Endrin ketone

R.T.: 6.907 min
Delta R.T.: -0.002 min
Response: 351169459
Conc: 56.17 ng/ml



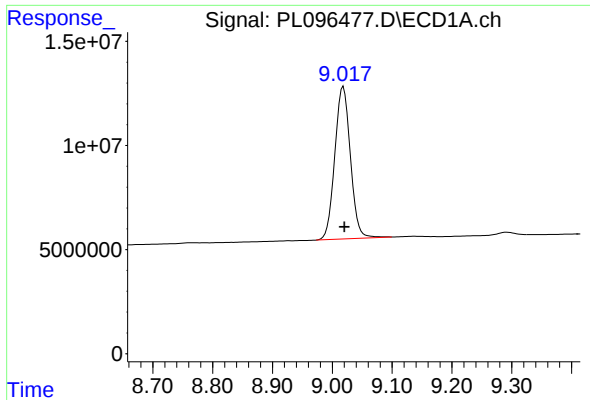
#22 Mirex

R.T.: 8.078 min
Delta R.T.: 0.000 min
Response: 138738437
Conc: 49.87 ng/ml



#22 Mirex

R.T.: 7.098 min
Delta R.T.: -0.003 min
Response: 256560799
Conc: 51.64 ng/ml



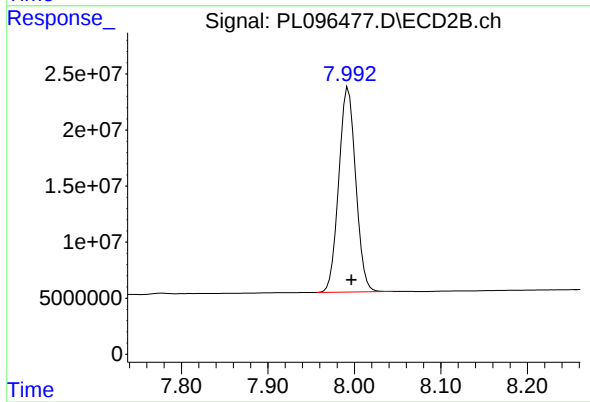
#28 Decachlorobiphenyl

R.T.: 9.018 min
Delta R.T.: -0.001 min
Response: 132960076
Conc: 47.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.993 min
Delta R.T.: -0.004 min
Response: 247159612
Conc: 49.57 ng/ml