

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
 Data File : PL096577.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2025 23:50
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 06:01:05 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...	3.535	2.828	179.3E6	300.7E6	49.130	52.108
28)	SA Decachlor...	9.015	7.992	135.7E6	219.0E6	48.252	43.924
Target Compounds							
2)	A alpha-BHC	3.983	3.334	277.7E6	463.9E6	53.992	55.004
3)	MA gamma-BHC...	4.311	3.665	264.1E6	419.5E6	53.045	53.260
4)	MA Heptachlor	4.901	4.014	201.1E6	361.4E6	43.903m	47.506
5)	MB Aldrin	5.241	4.297	252.3E6	384.3E6	52.202m	52.672
6)	B beta-BHC	4.497	3.961	103.1E6	172.8E6	49.588	50.466
7)	B delta-BHC	4.742	4.194	245.4E6	404.7E6	54.771m	52.551
8)	B Heptachlo...	5.660	4.799	235.8E6	346.0E6	56.820m	51.762
9)	A Endosulfan I	6.042	5.169	191.3E6	353.0E6	47.392m	49.211
10)	B gamma-Chl...	5.915	5.049	221.1E6	373.5E6	49.968m	53.211m
11)	B alpha-Chl...	5.995	5.113	218.6E6	377.2E6	49.929m	50.162m
12)	B 4,4'-DDE	6.164	5.303	197.2E6	316.2E6	53.179m	48.914
13)	MA Dieldrin	6.316	5.433	220.1E6	343.1E6	52.042	50.315m
14)	MA Endrin	6.541	5.709	152.1E6	251.7E6	48.911m	41.281
15)	B Endosulfa...	6.754	6.000	157.8E6	298.7E6	45.479m	50.943
16)	A 4,4'-DDD	6.674	5.856	173.4E6	289.4E6	59.539m	56.428
17)	MA 4,4'-DDT	6.988	6.108	122.1E6	206.5E6	40.214m	35.999m
18)	B Endrin al...	6.882	6.179	116.9E6	192.8E6	52.269m	43.279
19)	B Endosulfa...	7.118	6.402	151.1E6	253.8E6	49.412	45.128
20)	A Methoxychlor	7.462	6.681	75192124	122.0E6	47.729	40.146
21)	B Endrin ke...	7.597	6.905	165.6E6	290.7E6	50.158	46.500m
22)	Mirex	8.076	7.096	116.5E6	204.1E6	41.874	41.073m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072425\
Data File : PL096577.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 23:50
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

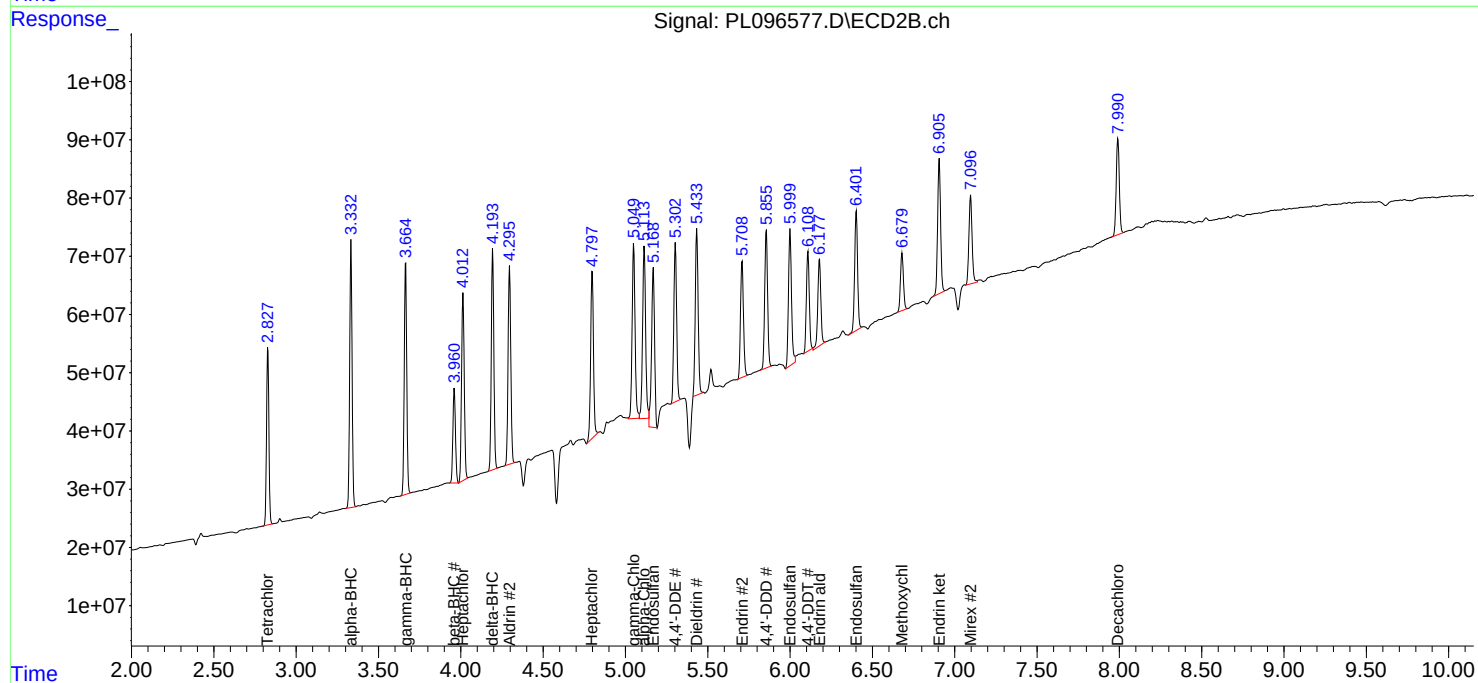
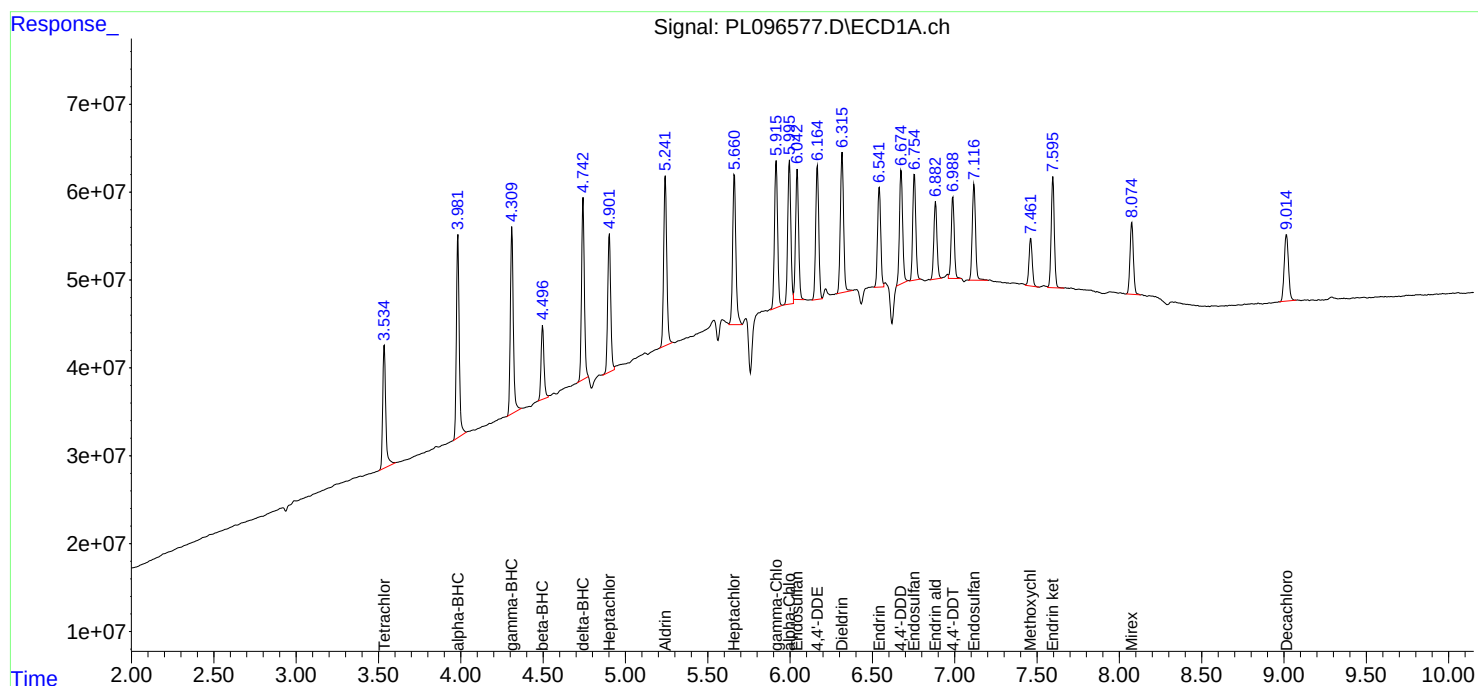
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

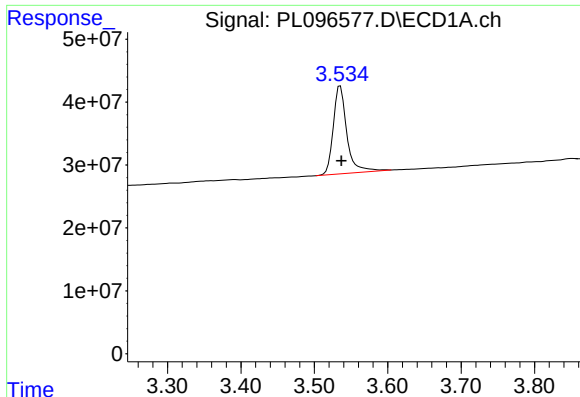
Manual Integrations
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Supervised By :mohammad ahmed 07/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 25 06:01:05 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





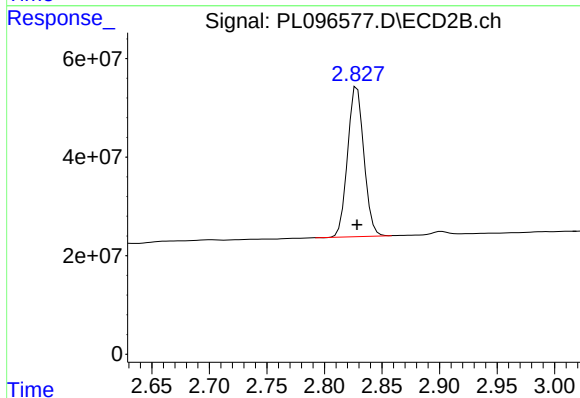
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.002 min
Response: 179273095
Conc: 49.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

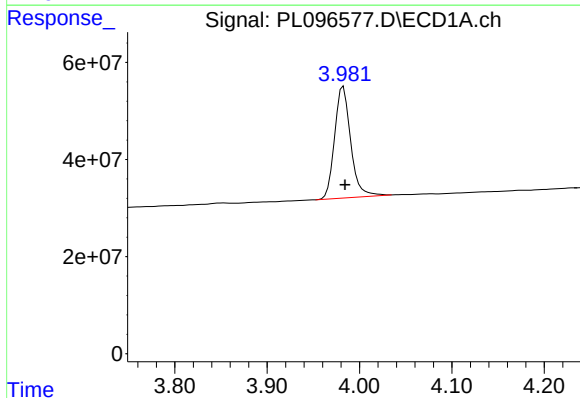
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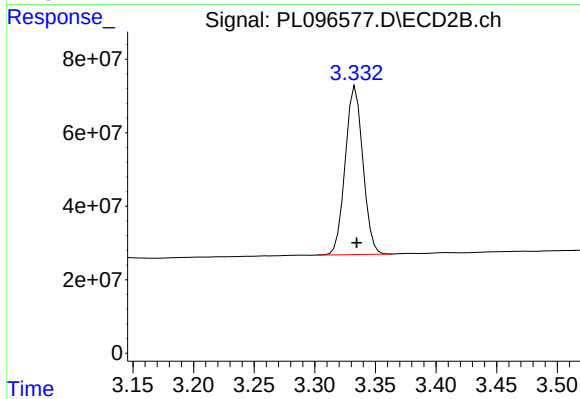
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 300725354
Conc: 52.11 ng/ml



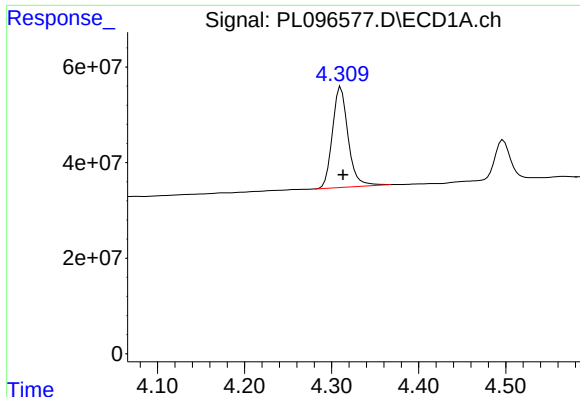
#2 alpha-BHC

R.T.: 3.983 min
Delta R.T.: -0.002 min
Response: 277686247
Conc: 53.99 ng/ml



#2 alpha-BHC

R.T.: 3.334 min
Delta R.T.: 0.000 min
Response: 463924710
Conc: 55.00 ng/ml



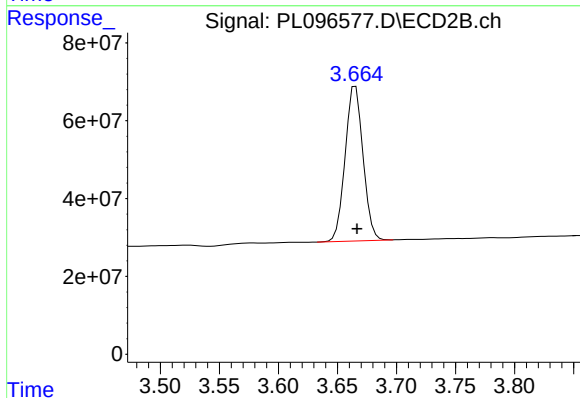
#3 gamma-BHC (Lindane)

R.T.: 4.311 min
Delta R.T.: -0.002 min
Response: 264145090
Conc: 53.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

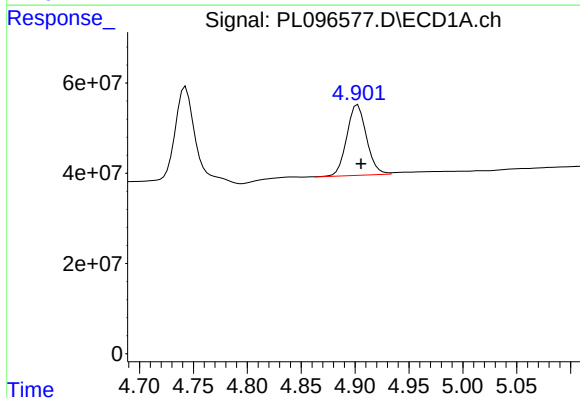
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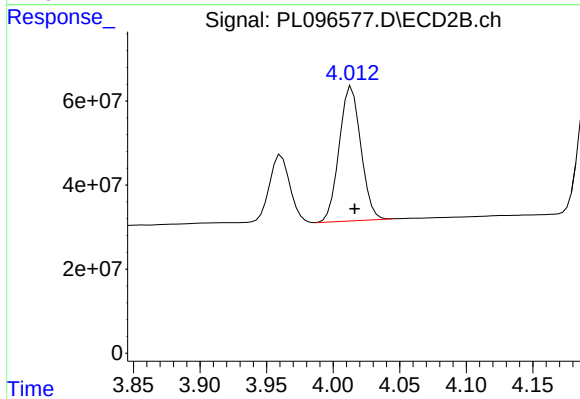
#3 gamma-BHC (Lindane)

R.T.: 3.665 min
Delta R.T.: -0.001 min
Response: 419466360
Conc: 53.26 ng/ml



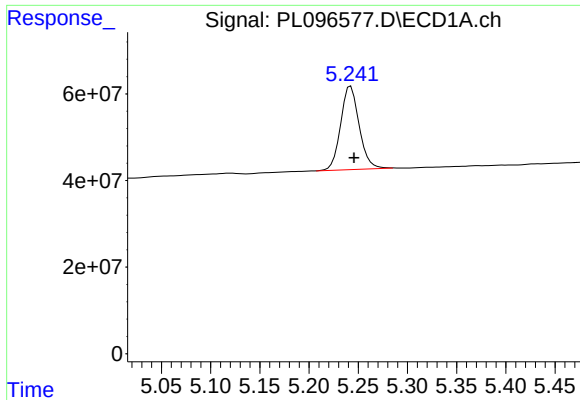
#4 Heptachlor

R.T.: 4.901 min
Delta R.T.: -0.004 min
Response: 201128796
Conc: 43.90 ng/ml m



#4 Heptachlor

R.T.: 4.014 min
Delta R.T.: -0.002 min
Response: 361417623
Conc: 47.51 ng/ml



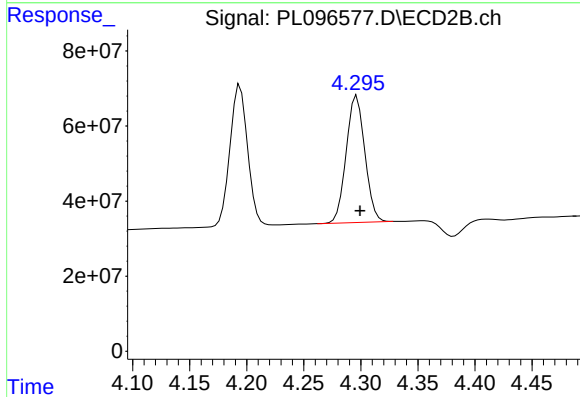
#5 Aldrin

R.T.: 5.241 min
Delta R.T.: -0.005 min
Response: 252328400
Conc: 52.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

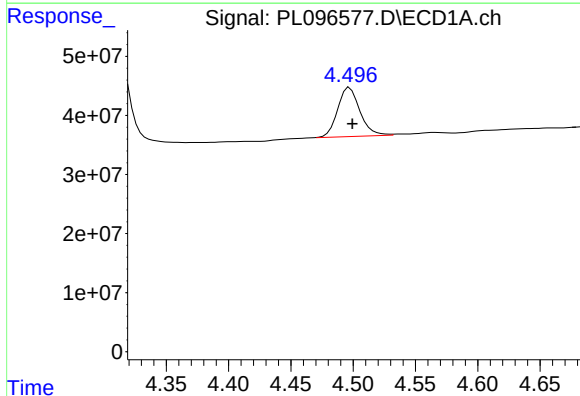
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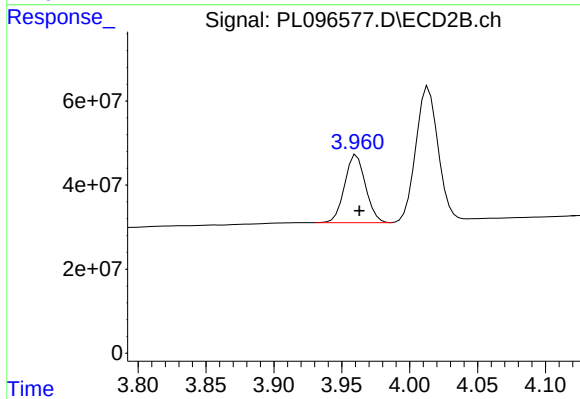
#5 Aldrin

R.T.: 4.297 min
Delta R.T.: -0.003 min
Response: 384271906
Conc: 52.67 ng/ml



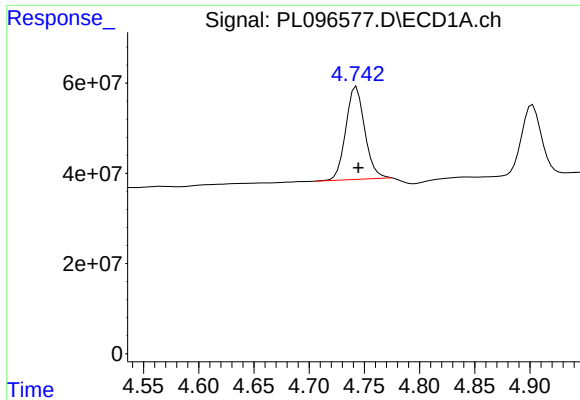
#6 beta-BHC

R.T.: 4.497 min
Delta R.T.: -0.002 min
Response: 103082992
Conc: 49.59 ng/ml



#6 beta-BHC

R.T.: 3.961 min
Delta R.T.: -0.002 min
Response: 172790900
Conc: 50.47 ng/ml



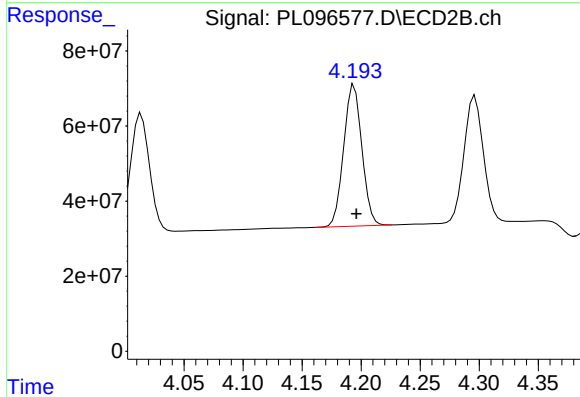
#7 delta-BHC

R.T.: 4.742 min
Delta R.T.: -0.003 min
Response: 245445174
Conc: 54.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

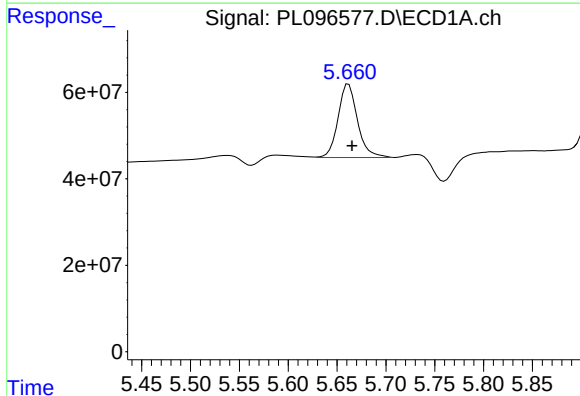
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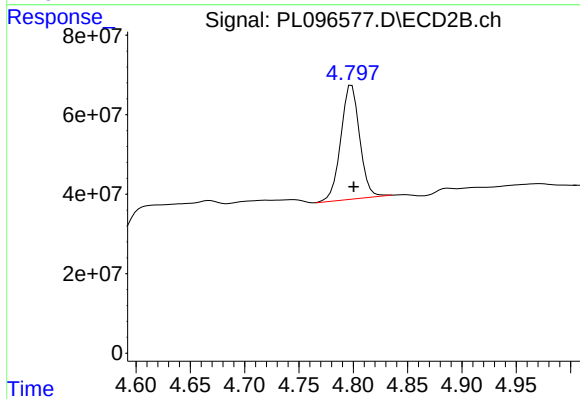
#7 delta-BHC

R.T.: 4.194 min
Delta R.T.: -0.002 min
Response: 404744489
Conc: 52.55 ng/ml



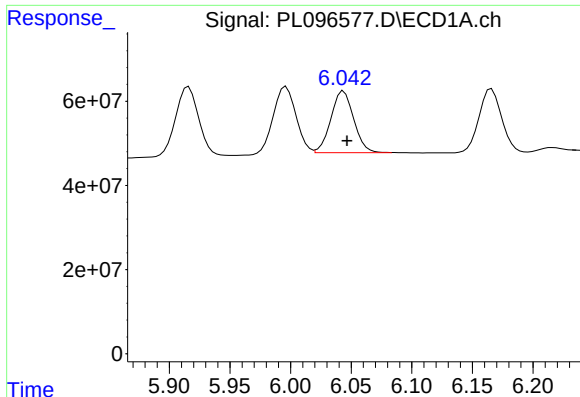
#8 Heptachlor epoxide

R.T.: 5.660 min
Delta R.T.: -0.005 min
Response: 235757124
Conc: 56.82 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.799 min
Delta R.T.: -0.002 min
Response: 346021063
Conc: 51.76 ng/ml



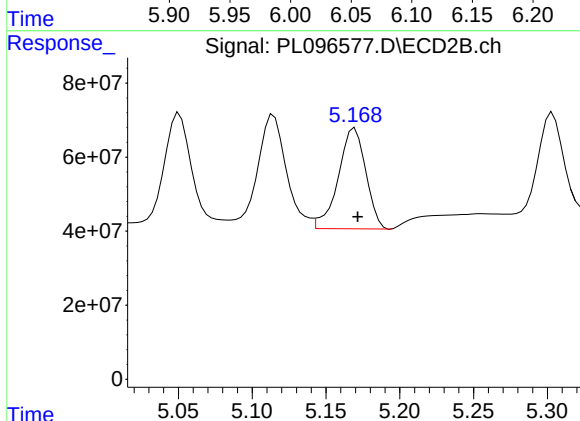
#9 Endosulfan I

R.T.: 6.042 min
Delta R.T.: -0.004 min
Response: 191332435
Conc: 47.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

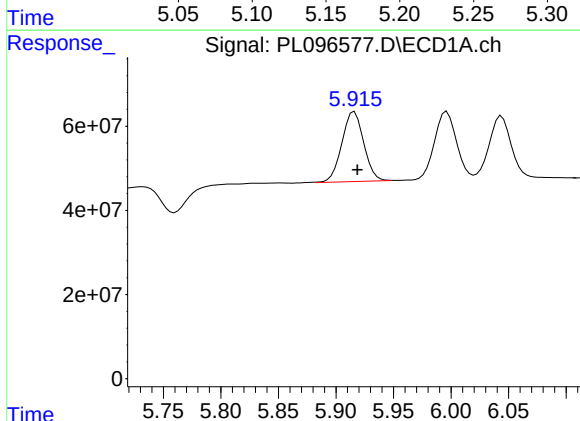
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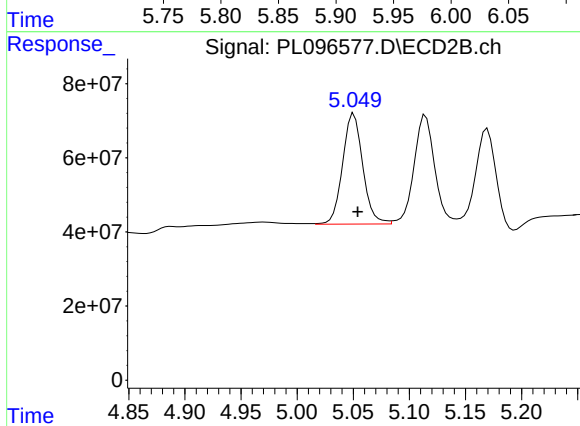
#9 Endosulfan I

R.T.: 5.169 min
Delta R.T.: -0.002 min
Response: 353044215
Conc: 49.21 ng/ml



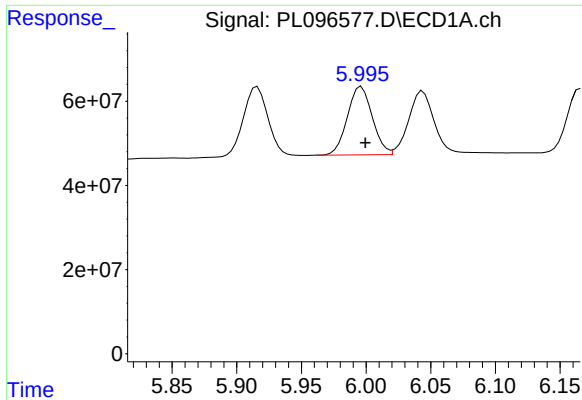
#10 gamma-Chlordane

R.T.: 5.915 min
Delta R.T.: -0.004 min
Response: 221099040
Conc: 49.97 ng/ml m



#10 gamma-Chlordane

R.T.: 5.049 min
Delta R.T.: -0.005 min
Response: 373523707
Conc: 53.21 ng/ml m



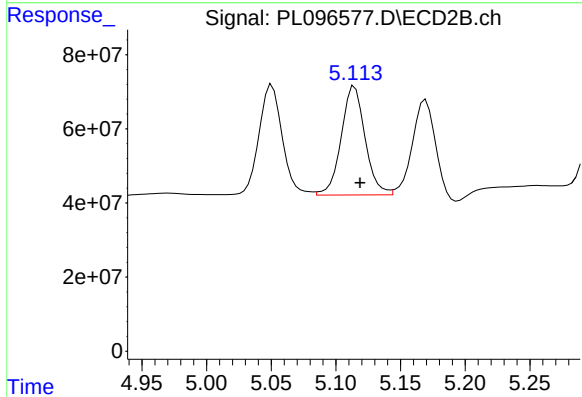
#11 alpha-Chlordane

R.T.: 5.995 min
Delta R.T.: -0.005 min
Response: 218629769
Conc: 49.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

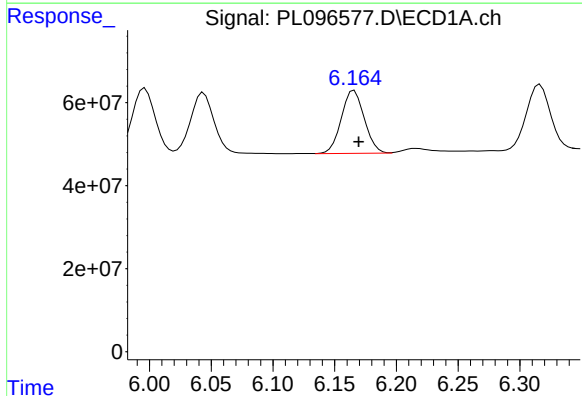
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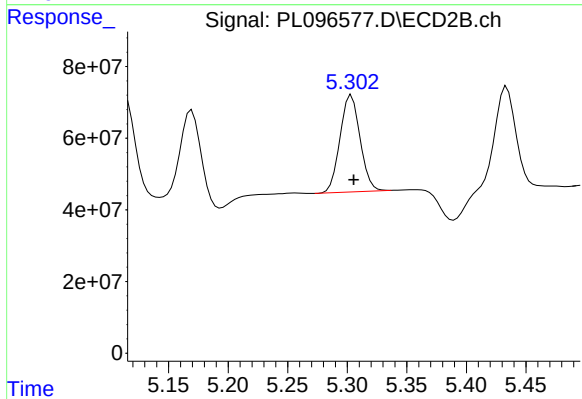
#11 alpha-Chlordane

R.T.: 5.113 min
Delta R.T.: -0.006 min
Response: 377227029
Conc: 50.16 ng/ml m



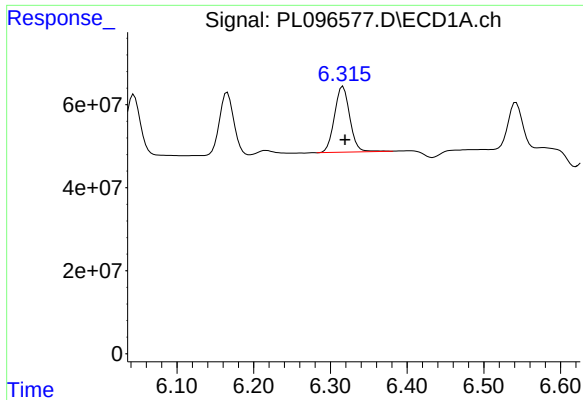
#12 4,4'-DDE

R.T.: 6.164 min
Delta R.T.: -0.005 min
Response: 197158907
Conc: 53.18 ng/ml m



#12 4,4'-DDE

R.T.: 5.303 min
Delta R.T.: -0.002 min
Response: 316163504
Conc: 48.91 ng/ml



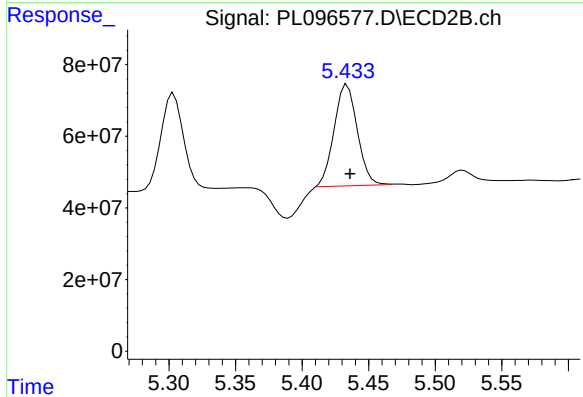
#13 Dieldrin

R.T.: 6.316 min
Delta R.T.: -0.003 min
Response: 220056605
Conc: 52.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

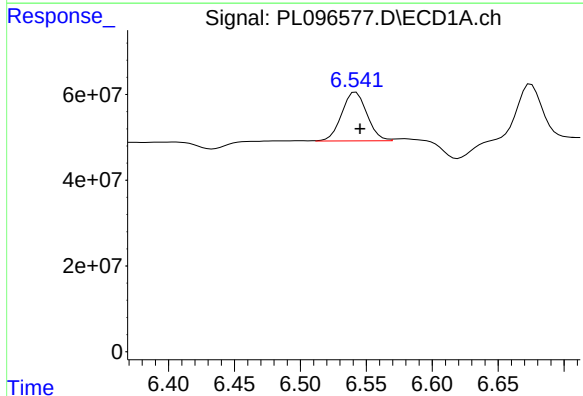
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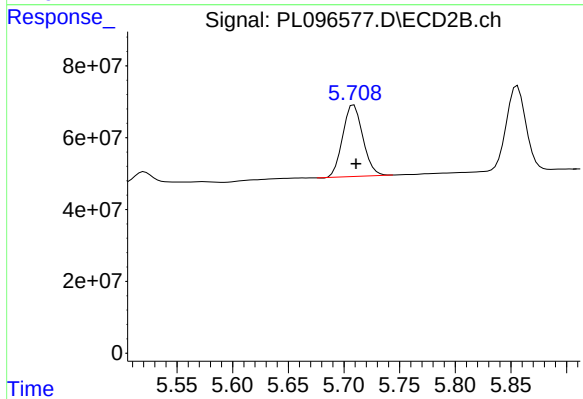
#13 Dieldrin

R.T.: 5.433 min
Delta R.T.: -0.004 min
Response: 343111052
Conc: 50.32 ng/ml m



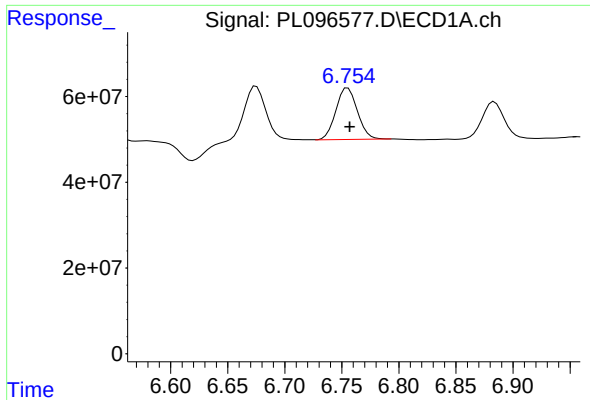
#14 Endrin

R.T.: 6.541 min
Delta R.T.: -0.005 min
Response: 152124966
Conc: 48.91 ng/ml m



#14 Endrin

R.T.: 5.709 min
Delta R.T.: -0.002 min
Response: 251671367
Conc: 41.28 ng/ml



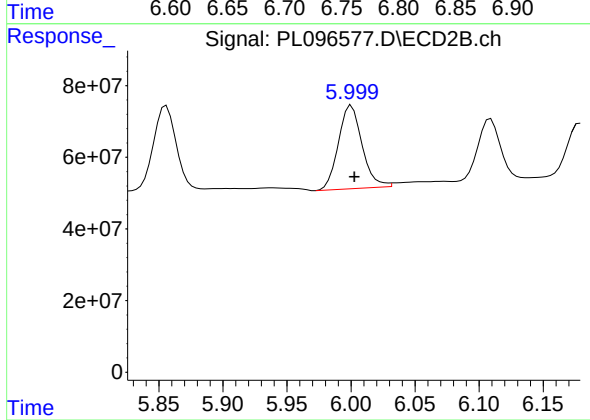
#15 Endosulfan II

R.T.: 6.754 min
Delta R.T.: -0.003 min
Response: 157813418
Conc: 45.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

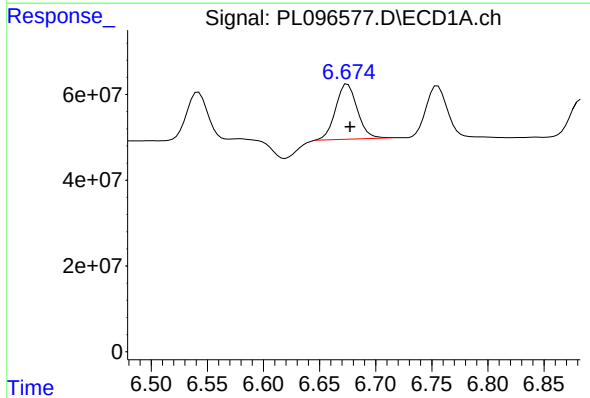
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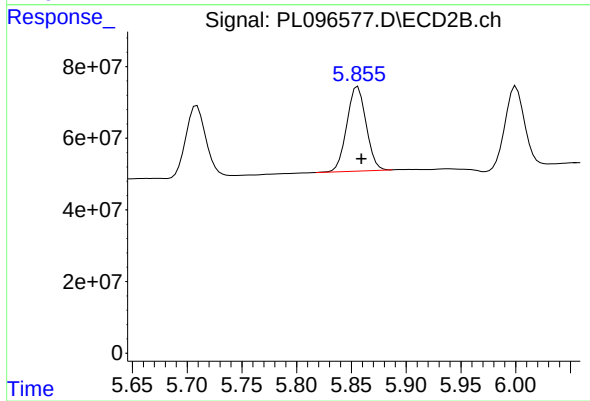
#15 Endosulfan II

R.T.: 6.000 min
Delta R.T.: -0.002 min
Response: 298726990
Conc: 50.94 ng/ml



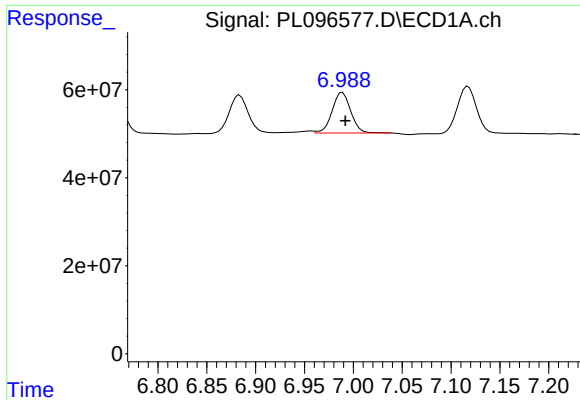
#16 4,4'-DDD

R.T.: 6.674 min
Delta R.T.: -0.004 min
Response: 173358270
Conc: 59.54 ng/ml m



#16 4,4'-DDD

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 289402930
Conc: 56.43 ng/ml



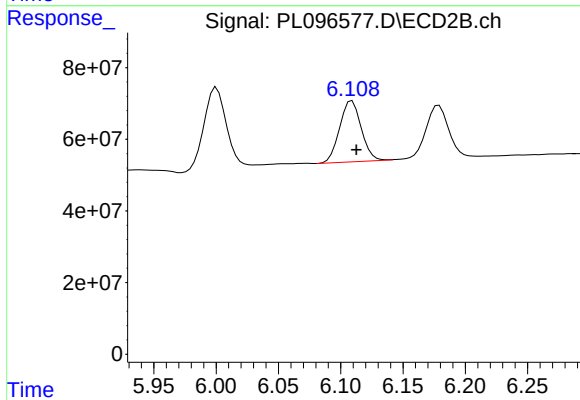
#17 4,4'-DDT

R.T.: 6.988 min
Delta R.T.: -0.004 min
Response: 122056423
Conc: 40.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

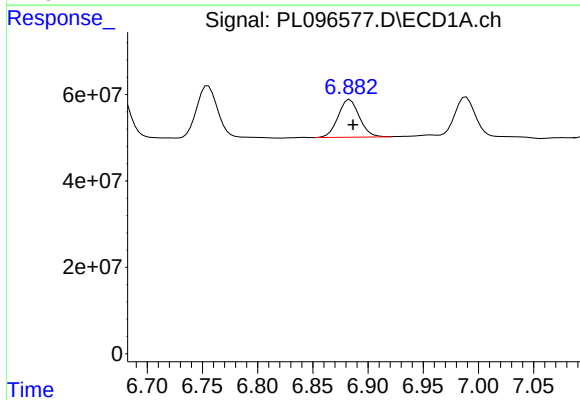
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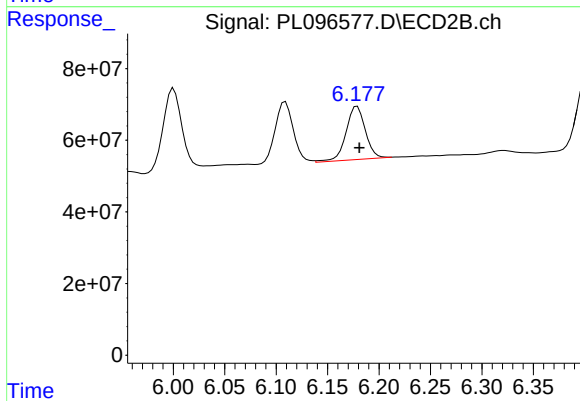
#17 4,4'-DDT

R.T.: 6.108 min
Delta R.T.: -0.005 min
Response: 206461757
Conc: 36.00 ng/ml m



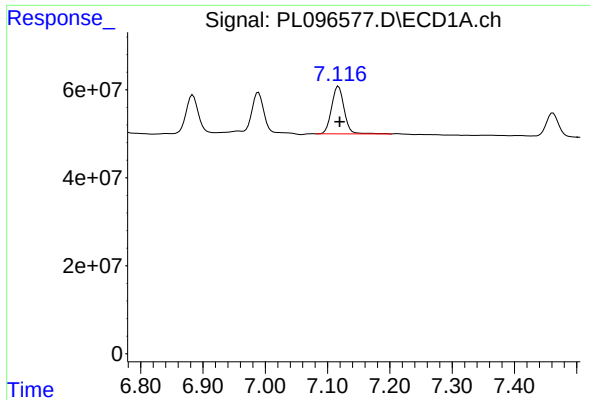
#18 Endrin aldehyde

R.T.: 6.882 min
Delta R.T.: -0.004 min
Response: 116850651
Conc: 52.27 ng/ml m



#18 Endrin aldehyde

R.T.: 6.179 min
Delta R.T.: -0.002 min
Response: 192789156
Conc: 43.28 ng/ml



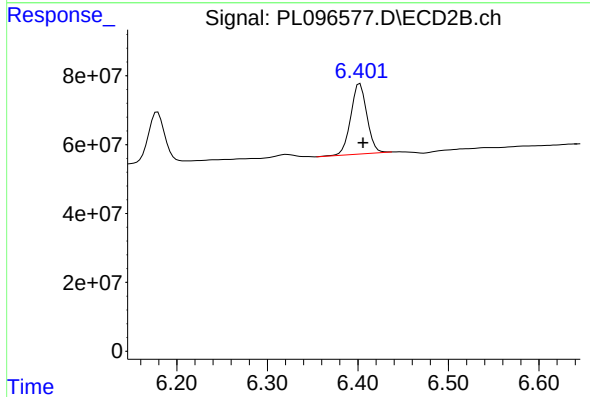
#19 Endosulfan Sulfate

R.T.: 7.118 min
Delta R.T.: -0.002 min
Response: 151144572
Conc: 49.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

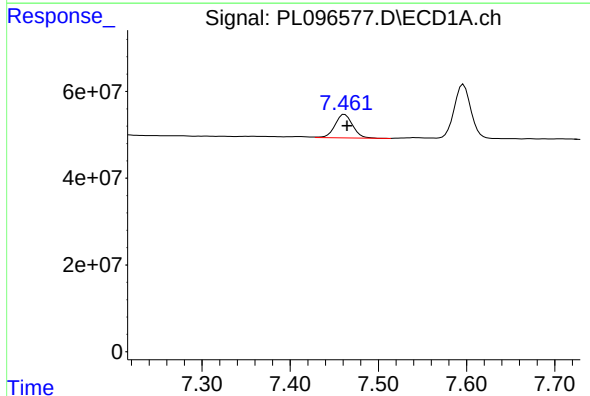
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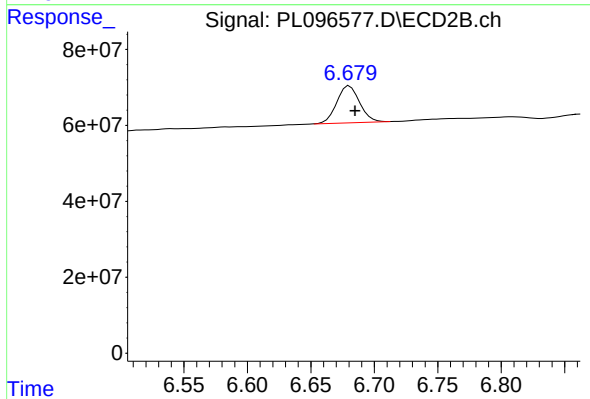
#19 Endosulfan Sulfate

R.T.: 6.402 min
Delta R.T.: -0.003 min
Response: 253816538
Conc: 45.13 ng/ml



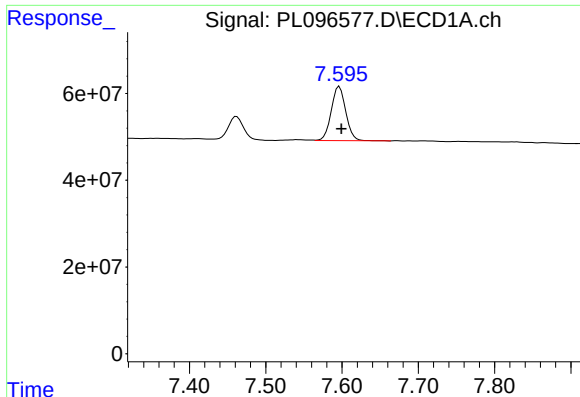
#20 Methoxychlor

R.T.: 7.462 min
Delta R.T.: -0.003 min
Response: 75192124
Conc: 47.73 ng/ml



#20 Methoxychlor

R.T.: 6.681 min
Delta R.T.: -0.004 min
Response: 121953143
Conc: 40.15 ng/ml



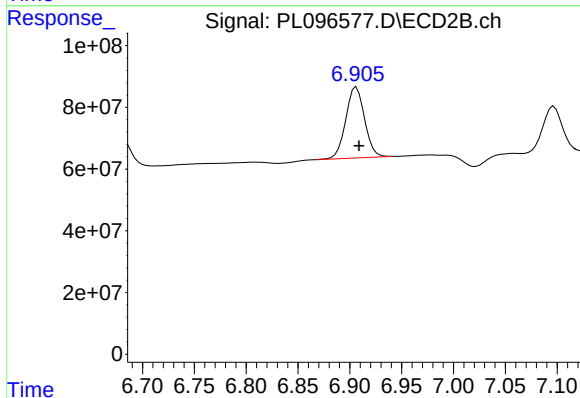
#21 Endrin ketone

R.T.: 7.597 min
Delta R.T.: -0.003 min
Response: 165604659
Conc: 50.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

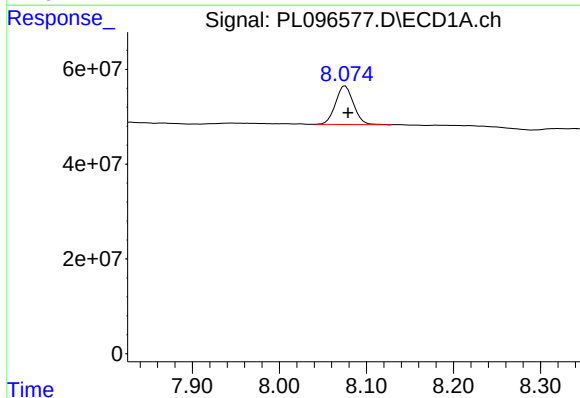
Manual Integrations
APPROVED

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



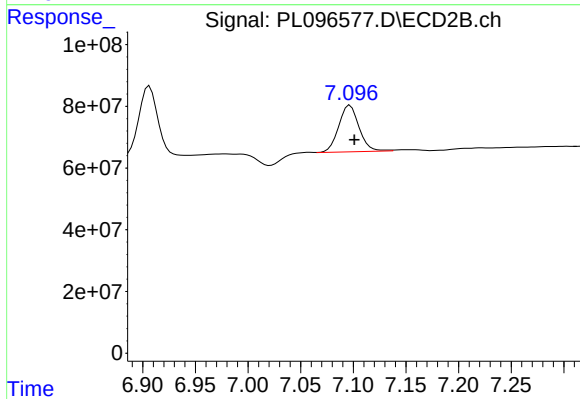
#21 Endrin ketone

R.T.: 6.905 min
Delta R.T.: -0.004 min
Response: 290729398
Conc: 46.50 ng/ml m



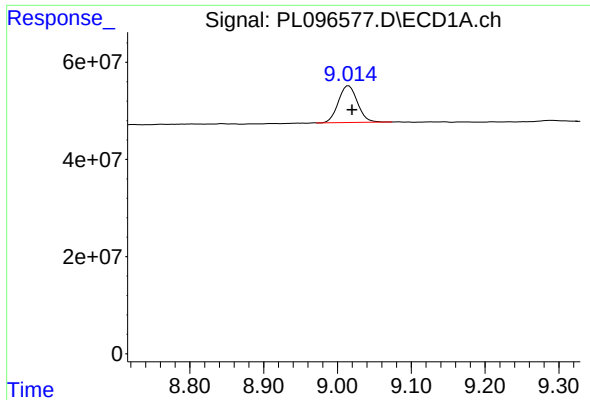
#22 Mirex

R.T.: 8.076 min
Delta R.T.: -0.003 min
Response: 116503006
Conc: 41.87 ng/ml



#22 Mirex

R.T.: 7.096 min
Delta R.T.: -0.006 min
Response: 204059460
Conc: 41.07 ng/ml m



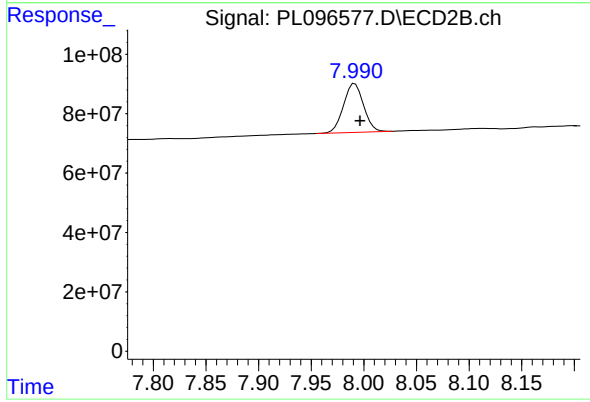
#28 Decachlorobiphenyl

R.T.: 9.015 min
Delta R.T.: -0.005 min
Response: 135735149
Conc: 48.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.992 min
Delta R.T.: -0.005 min
Response: 219026166
Conc: 43.92 ng/ml