

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081925\
 Data File : PL096898.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 17:14
 Operator : AR\AJ
 Sample : PB169314BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB169314BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/20/2025
 Supervised By : mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 01:38:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 08 15:43:38 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...	3.528	2.825	60610203	92207844	19.055m	19.299
28)	SA Decachlor...	9.004	7.986	50280514	84010408	21.085	19.365
Target Compounds							
2)	A alpha-BHC	3.977	3.330	230.7E6	350.9E6	49.857	49.579
3)	MA gamma-BHC...	4.303	3.662	222.1E6	328.0E6	50.201m	49.667
4)	MA Heptachlor	4.896	4.010	220.4E6	327.8E6	53.042	49.206
5)	MB Aldrin	5.235	4.293	216.2E6	312.1E6	50.268	50.278
6)	B beta-BHC	4.490	3.958	92328386	140.5E6	51.152m	49.806
7)	B delta-BHC	4.737	4.191	169.6E6	266.7E6	42.500	41.197
8)	B Heptachlo...	5.655	4.795	204.7E6	284.7E6	53.074	49.841
9)	A Endosulfan I	6.036	5.165	177.1E6	264.1E6	49.253	47.740
10)	B gamma-Chl...	5.908	5.046	194.3E6	297.3E6	51.062	50.555
11)	B alpha-Chl...	5.989	5.111	192.7E6	292.0E6	49.988	49.508
12)	B 4,4'-DDE	6.159	5.299	162.5E6	277.4E6	50.609	50.308
13)	MA Dieldrin	6.307	5.430	184.4E6	290.9E6	49.701m	49.251
14)	MA Endrin	6.533	5.704	151.3E6	261.1E6	49.996m	48.291
15)	B Endosulfa...	6.748	5.996	157.0E6	248.9E6	49.031	48.456
16)	A 4,4'-DDD	6.668	5.851	129.8E6	233.4E6	51.341	49.599
17)	MA 4,4'-DDT	6.982	6.104	136.0E6	235.5E6	47.430	46.564
18)	B Endrin al...	6.876	6.174	114.2E6	189.7E6	53.224	52.190
19)	B Endosulfa...	7.109	6.397	132.7E6	232.9E6	46.185	45.781
20)	A Methoxychlor	7.454	6.674	67822894	126.5E6	46.190	46.169m
21)	B Endrin ke...	7.588	6.902	144.7E6	260.8E6	48.112	46.826
22)	Mirex	8.066	7.091	117.6E6	201.0E6	47.448m	46.094

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081925\
Data File : PL096898.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 17:14
Operator : AR\AJ
Sample : PB169314BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

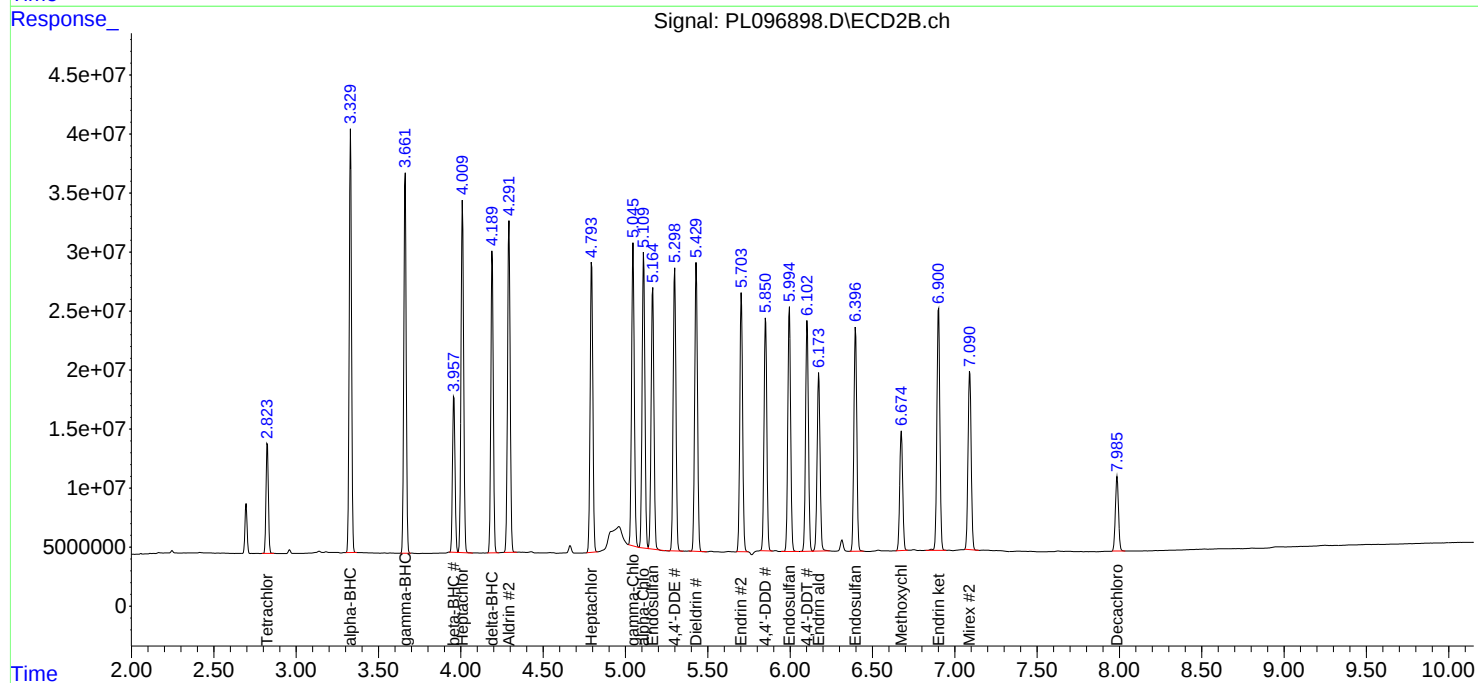
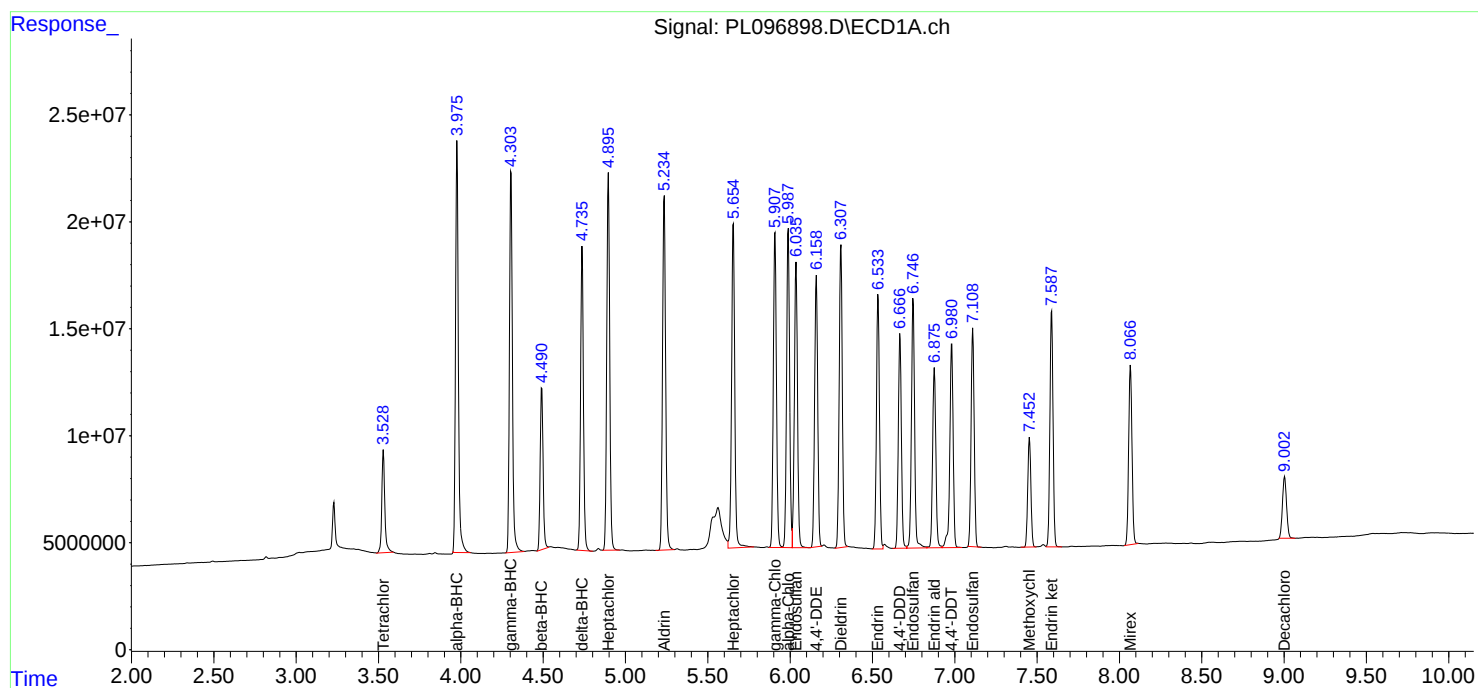
Instrument :
ECD_L
ClientSampleId :
PB169314BSD

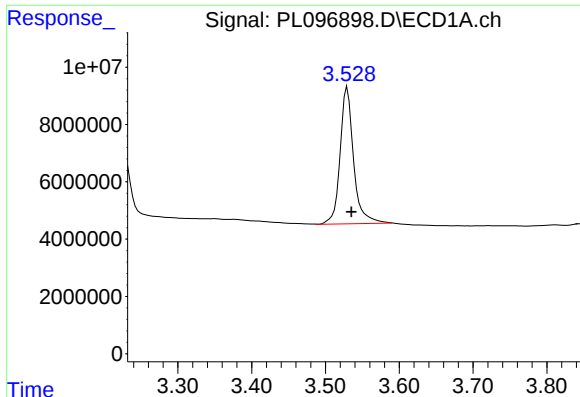
Manual Integrations
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Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 01:38:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 08 15:43:38 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





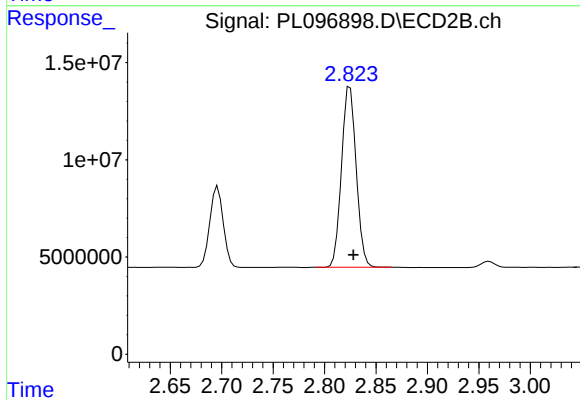
#1 Tetrachloro-m-xylene

R.T.: 3.528 min
Delta R.T.: -0.007 min
Response: 60610203
Conc: 19.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169314BSD

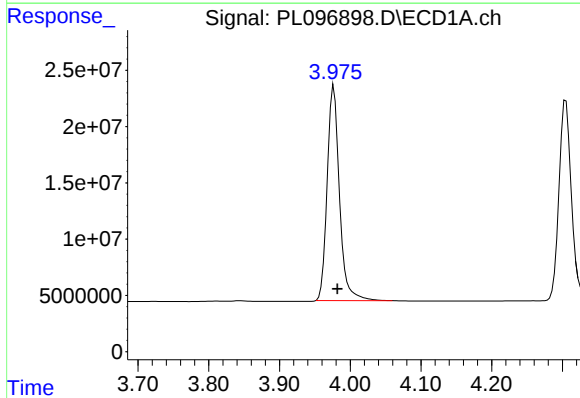
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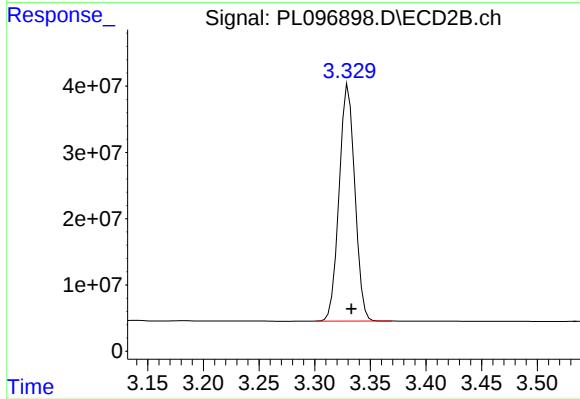
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: -0.003 min
Response: 92207844
Conc: 19.30 ng/ml



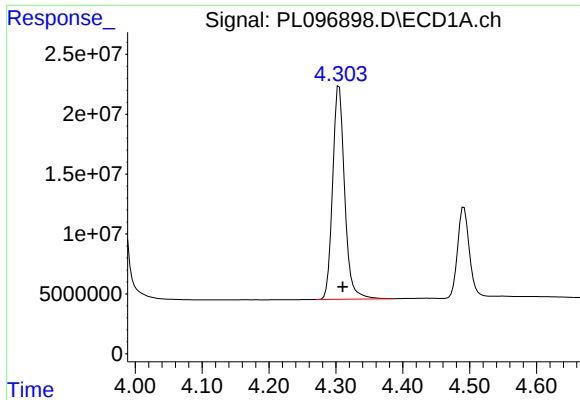
#2 alpha-BHC

R.T.: 3.977 min
Delta R.T.: -0.005 min
Response: 230654746
Conc: 49.86 ng/ml



#2 alpha-BHC

R.T.: 3.330 min
Delta R.T.: -0.003 min
Response: 350871905
Conc: 49.58 ng/ml



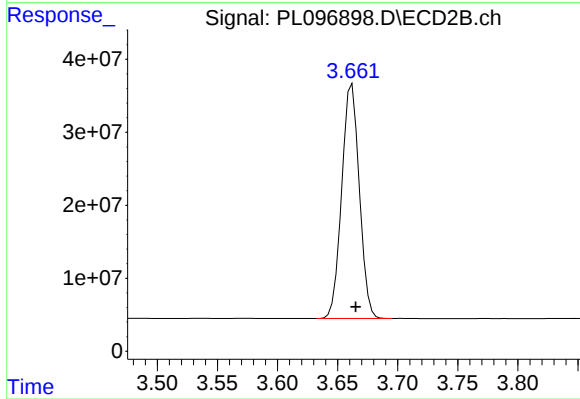
#3 gamma-BHC (Lindane)

R.T.: 4.303 min
Delta R.T.: -0.007 min
Response: 222061785
Conc: 50.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169314BSD

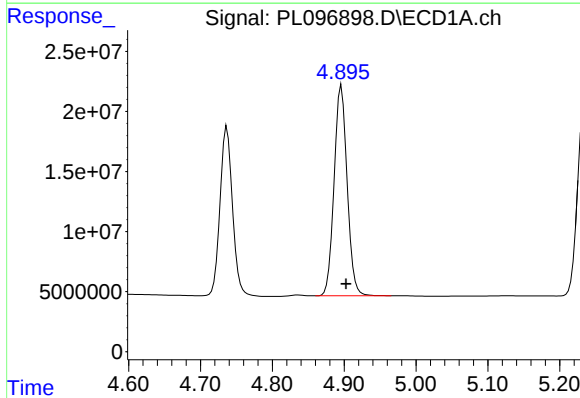
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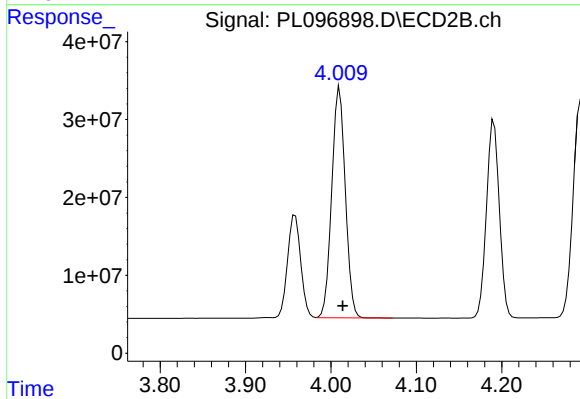
#3 gamma-BHC (Lindane)

R.T.: 3.662 min
Delta R.T.: -0.003 min
Response: 327969327
Conc: 49.67 ng/ml



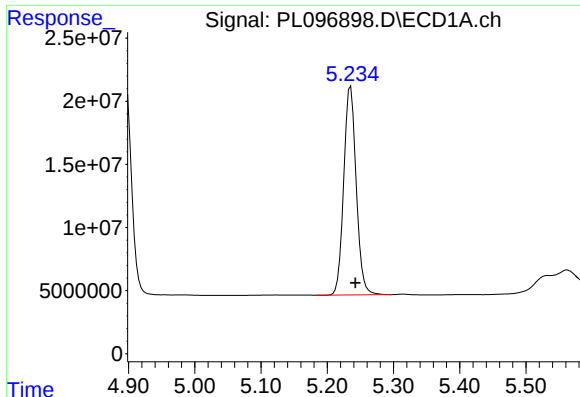
#4 Heptachlor

R.T.: 4.896 min
Delta R.T.: -0.007 min
Response: 220427640
Conc: 53.04 ng/ml



#4 Heptachlor

R.T.: 4.010 min
Delta R.T.: -0.004 min
Response: 327809319
Conc: 49.21 ng/ml



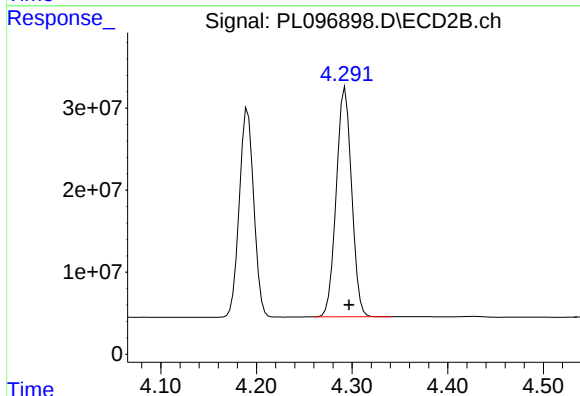
#5 Aldrin

R.T.: 5.235 min
Delta R.T.: -0.007 min
Response: 216201447
Conc: 50.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169314BSD

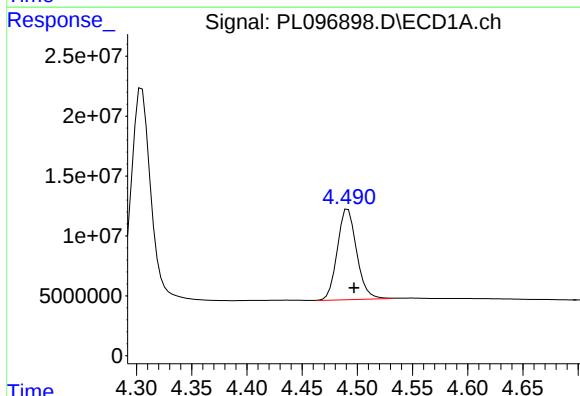
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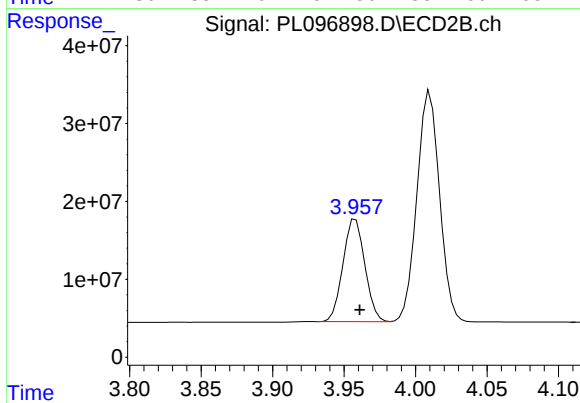
#5 Aldrin

R.T.: 4.293 min
Delta R.T.: -0.004 min
Response: 312078771
Conc: 50.28 ng/ml



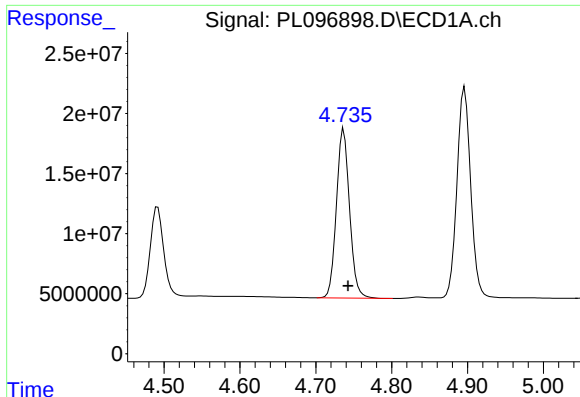
#6 beta-BHC

R.T.: 4.490 min
Delta R.T.: -0.007 min
Response: 92328386
Conc: 51.15 ng/ml m



#6 beta-BHC

R.T.: 3.958 min
Delta R.T.: -0.003 min
Response: 140496989
Conc: 49.81 ng/ml



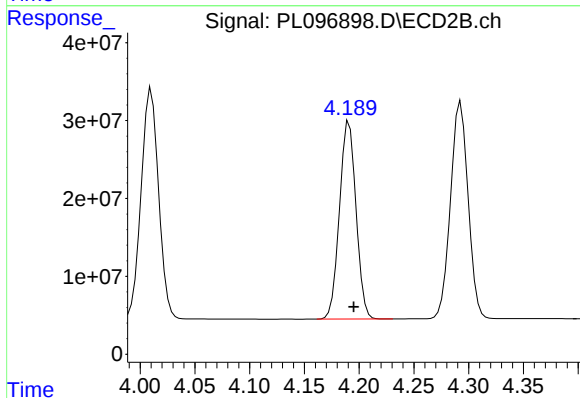
#7 delta-BHC

R.T.: 4.737 min
Delta R.T.: -0.006 min
Response: 169569487
Conc: 42.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169314BSD

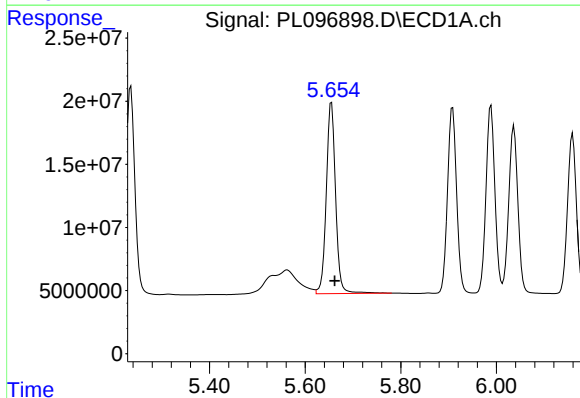
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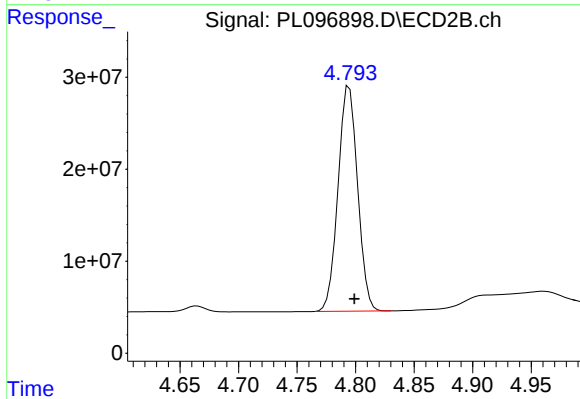
#7 delta-BHC

R.T.: 4.191 min
Delta R.T.: -0.004 min
Response: 266692315
Conc: 41.20 ng/ml



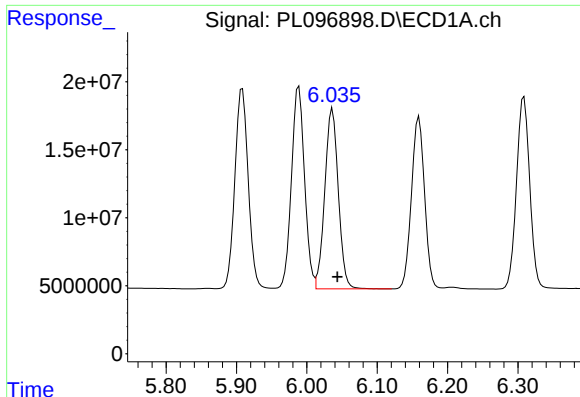
#8 Heptachlor epoxide

R.T.: 5.655 min
Delta R.T.: -0.007 min
Response: 204680703
Conc: 53.07 ng/ml



#8 Heptachlor epoxide

R.T.: 4.795 min
Delta R.T.: -0.004 min
Response: 284657485
Conc: 49.84 ng/ml



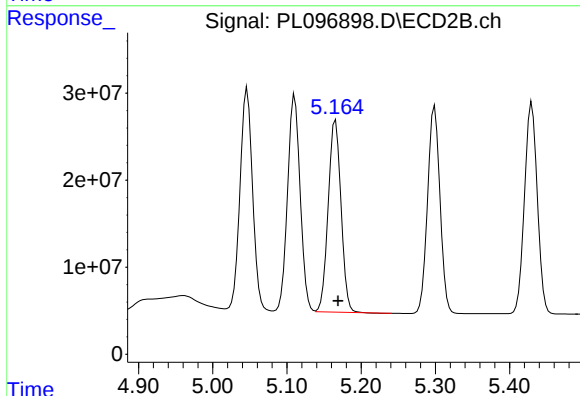
#9 Endosulfan I

R.T.: 6.036 min
Delta R.T.: -0.007 min
Response: 177132649
Conc: 49.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169314BSD

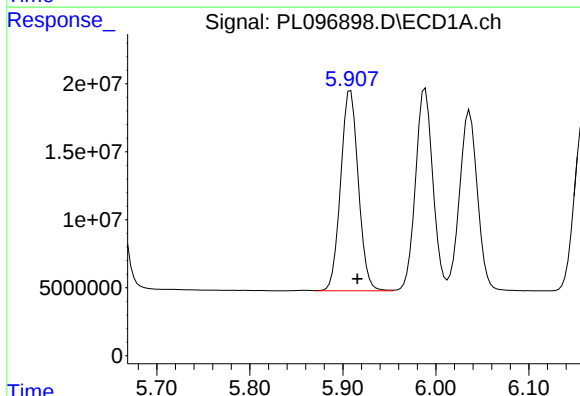
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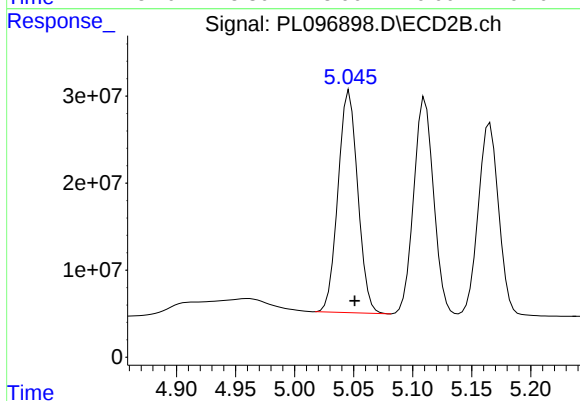
#9 Endosulfan I

R.T.: 5.165 min
Delta R.T.: -0.004 min
Response: 264069148
Conc: 47.74 ng/ml



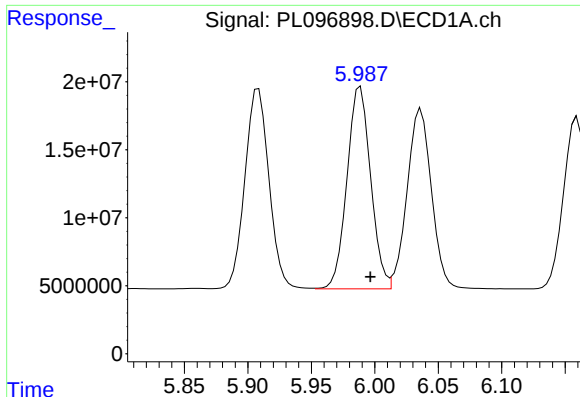
#10 gamma-Chlordane

R.T.: 5.908 min
Delta R.T.: -0.007 min
Response: 194301803
Conc: 51.06 ng/ml



#10 gamma-Chlordane

R.T.: 5.046 min
Delta R.T.: -0.005 min
Response: 297269757
Conc: 50.56 ng/ml



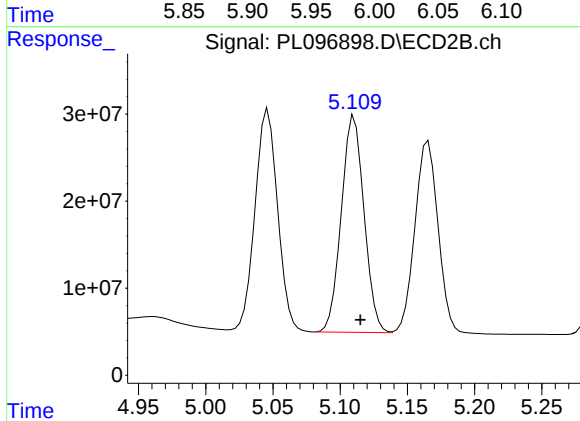
#11 alpha-Chlordane

R.T.: 5.989 min
Delta R.T.: -0.008 min
Response: 192684364
Conc: 49.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169314BSD

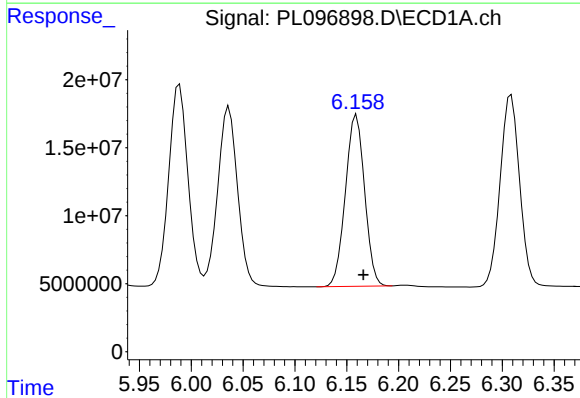
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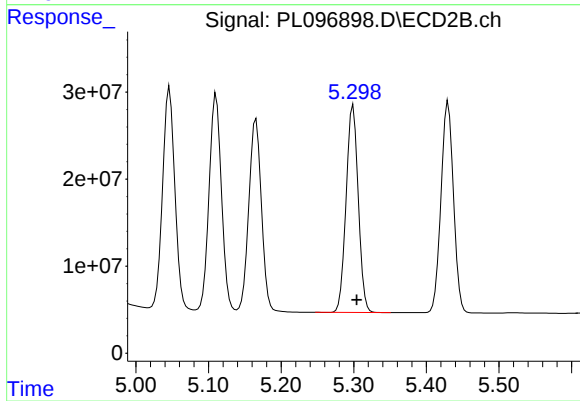
#11 alpha-Chlordane

R.T.: 5.111 min
Delta R.T.: -0.005 min
Response: 292046033
Conc: 49.51 ng/ml



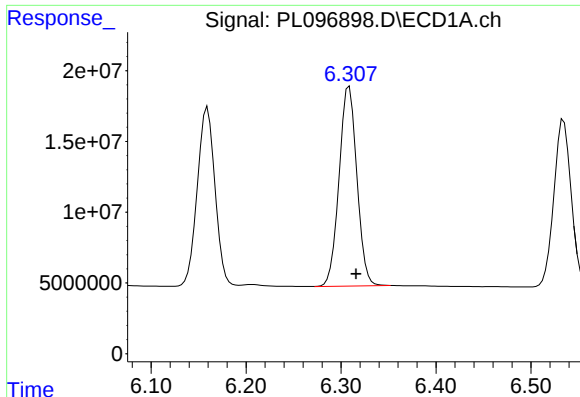
#12 4,4'-DDE

R.T.: 6.159 min
Delta R.T.: -0.007 min
Response: 162517782
Conc: 50.61 ng/ml



#12 4,4'-DDE

R.T.: 5.299 min
Delta R.T.: -0.005 min
Response: 277418914
Conc: 50.31 ng/ml



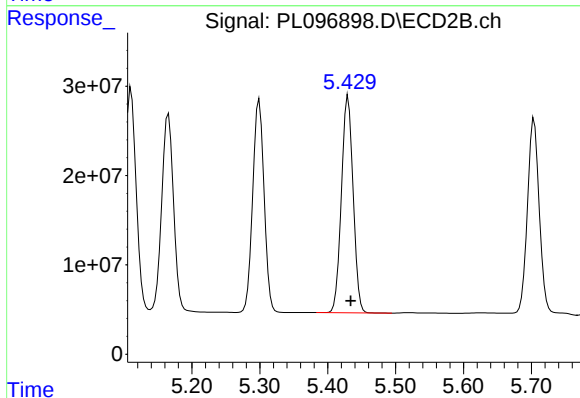
#13 Dieldrin

R.T.: 6.307 min
Delta R.T.: -0.009 min
Response: 184446645
Conc: 49.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169314BSD

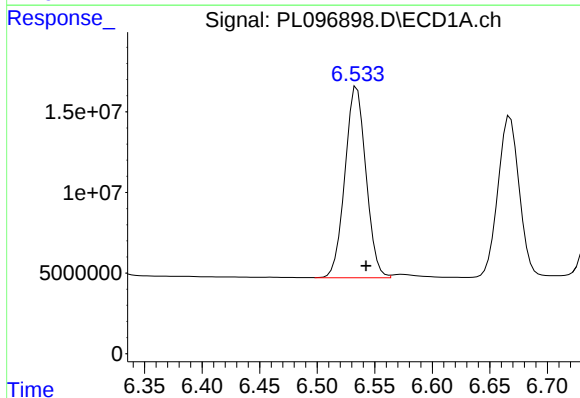
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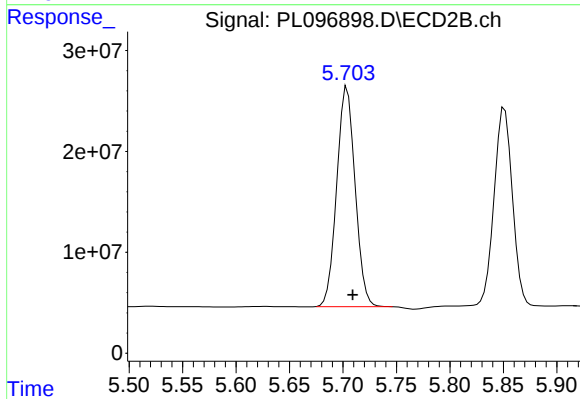
#13 Dieldrin

R.T.: 5.430 min
Delta R.T.: -0.004 min
Response: 290901348
Conc: 49.25 ng/ml



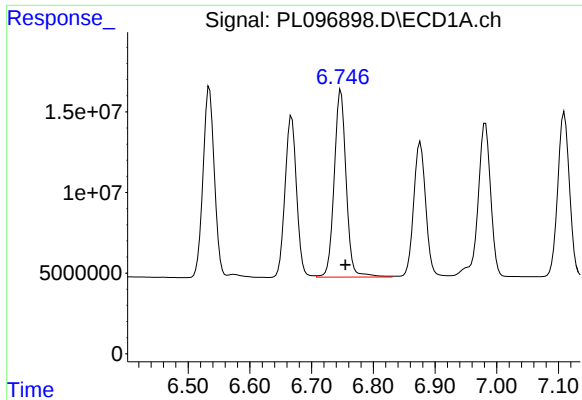
#14 Endrin

R.T.: 6.533 min
Delta R.T.: -0.009 min
Response: 151328071
Conc: 50.00 ng/ml m



#14 Endrin

R.T.: 5.704 min
Delta R.T.: -0.005 min
Response: 261057524
Conc: 48.29 ng/ml



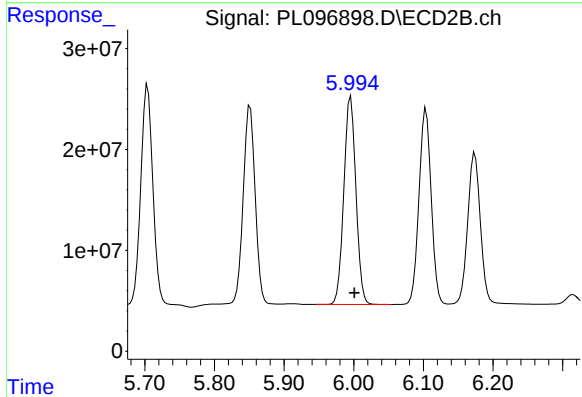
#15 Endosulfan II

R.T.: 6.748 min
Delta R.T.: -0.007 min
Response: 157028179
Conc: 49.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169314BSD

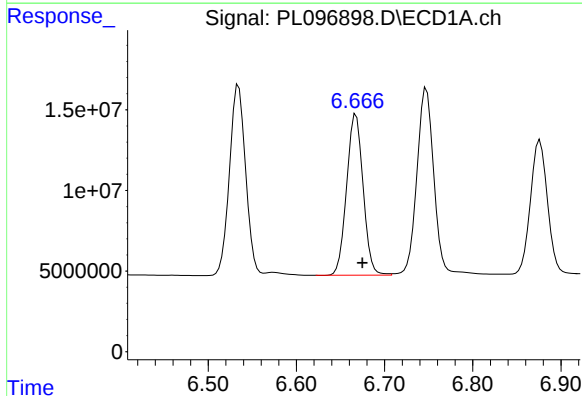
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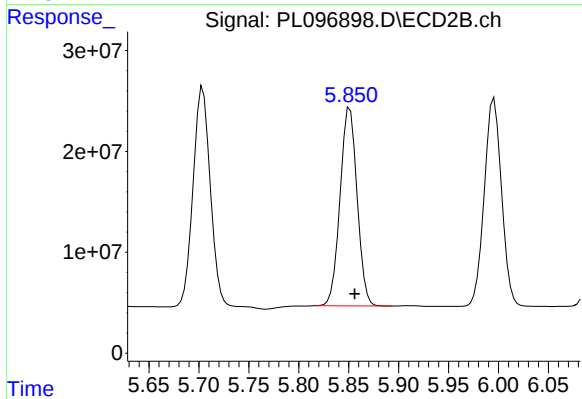
#15 Endosulfan II

R.T.: 5.996 min
Delta R.T.: -0.005 min
Response: 248882977
Conc: 48.46 ng/ml



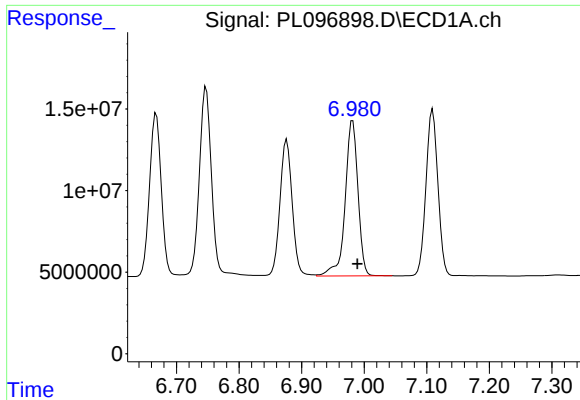
#16 4,4'-DDD

R.T.: 6.668 min
Delta R.T.: -0.007 min
Response: 129808426
Conc: 51.34 ng/ml



#16 4,4'-DDD

R.T.: 5.851 min
Delta R.T.: -0.005 min
Response: 233376309
Conc: 49.60 ng/ml



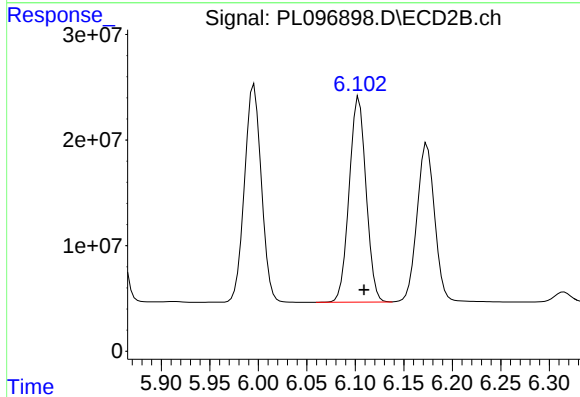
#17 4,4'-DDT

R.T.: 6.982 min
Delta R.T.: -0.008 min
Response: 136013353
Conc: 47.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169314BSD

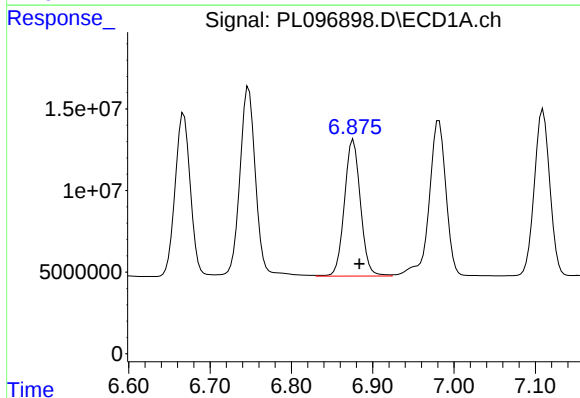
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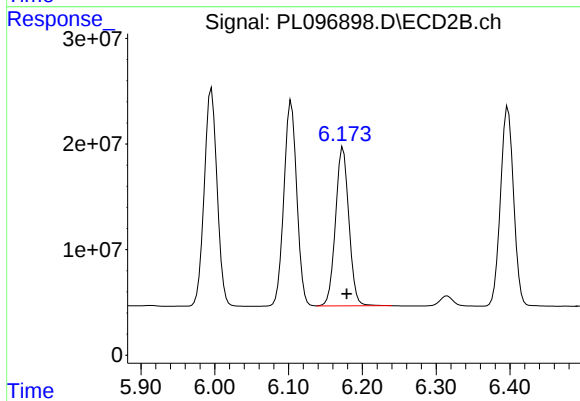
#17 4,4'-DDT

R.T.: 6.104 min
Delta R.T.: -0.005 min
Response: 235534462
Conc: 46.56 ng/ml



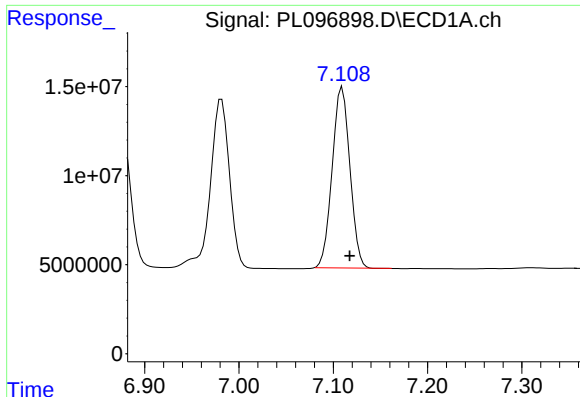
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: -0.008 min
Response: 114213895
Conc: 53.22 ng/ml



#18 Endrin aldehyde

R.T.: 6.174 min
Delta R.T.: -0.005 min
Response: 189714041
Conc: 52.19 ng/ml



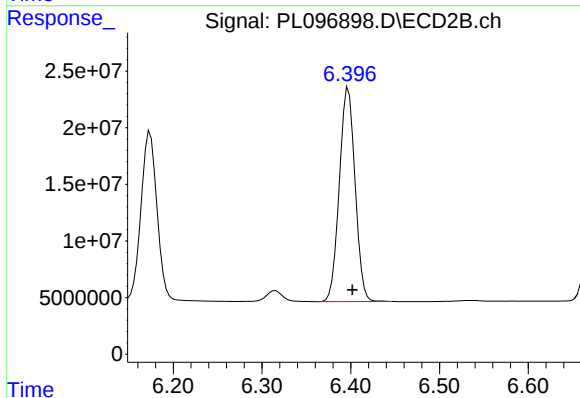
#19 Endosulfan Sulfate

R.T.: 7.109 min
Delta R.T.: -0.008 min
Response: 132721261
Conc: 46.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169314BSD

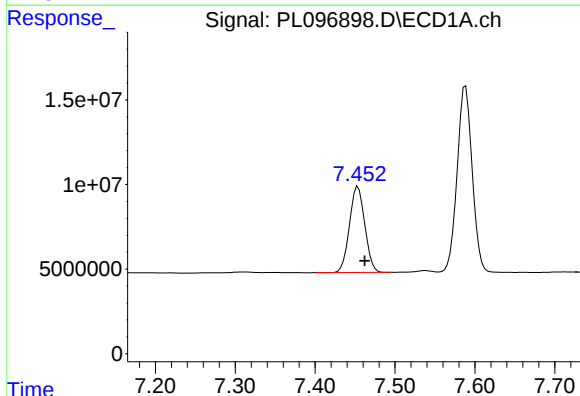
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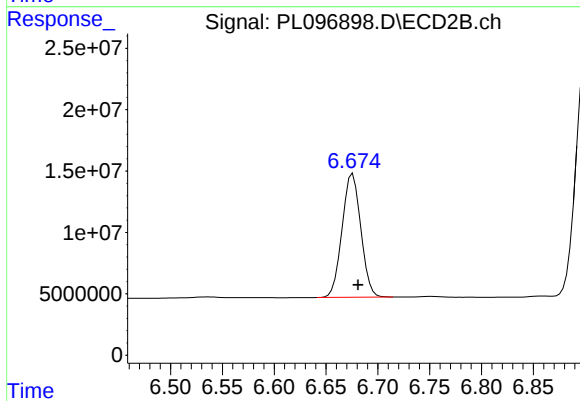
#19 Endosulfan Sulfate

R.T.: 6.397 min
Delta R.T.: -0.005 min
Response: 232853186
Conc: 45.78 ng/ml



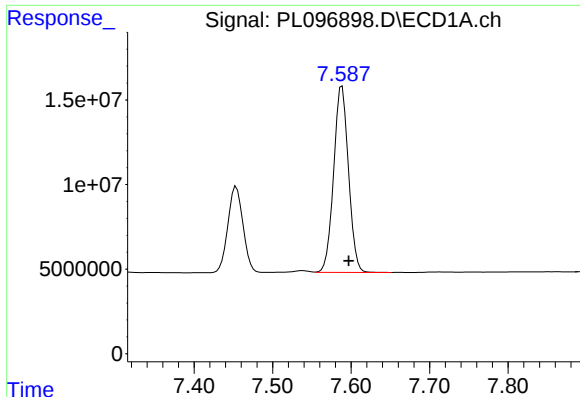
#20 Methoxychlor

R.T.: 7.454 min
Delta R.T.: -0.009 min
Response: 67822894
Conc: 46.19 ng/ml



#20 Methoxychlor

R.T.: 6.674 min
Delta R.T.: -0.007 min
Response: 126525359
Conc: 46.17 ng/ml m



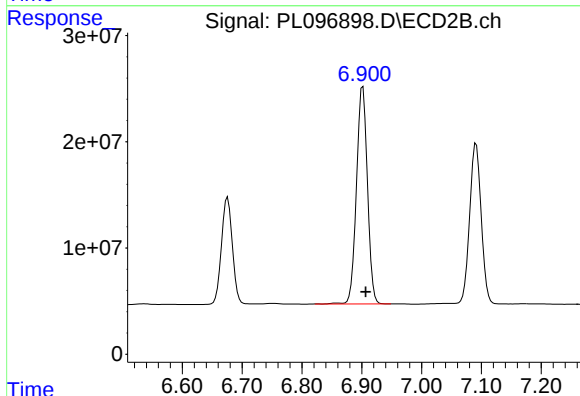
#21 Endrin ketone

R.T.: 7.588 min
Delta R.T.: -0.008 min
Response: 144659429
Conc: 48.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169314BSD

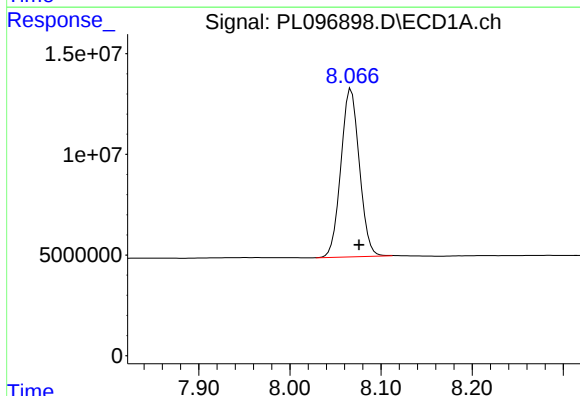
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



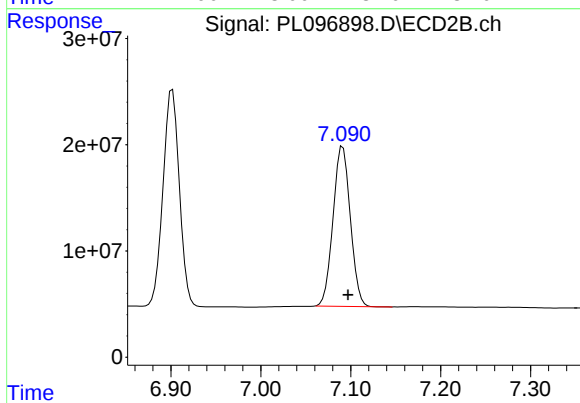
#21 Endrin ketone

R.T.: 6.902 min
Delta R.T.: -0.005 min
Response: 260811134
Conc: 46.83 ng/ml



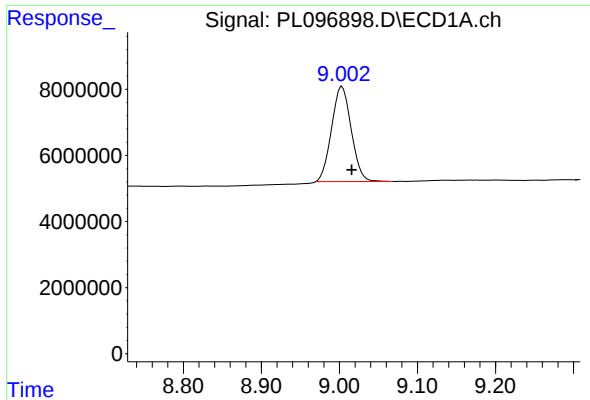
#22 Mirex

R.T.: 8.066 min
Delta R.T.: -0.010 min
Response: 117640057
Conc: 47.45 ng/ml m



#22 Mirex

R.T.: 7.091 min
Delta R.T.: -0.006 min
Response: 201011968
Conc: 46.09 ng/ml



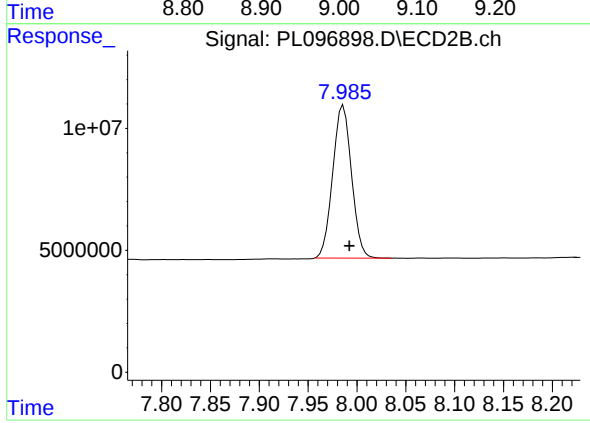
#28 Decachlorobiphenyl

R.T.: 9.004 min
Delta R.T.: -0.012 min
Response: 50280514
Conc: 21.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169314BSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



#28 Decachlorobiphenyl

R.T.: 7.986 min
Delta R.T.: -0.006 min
Response: 84010408
Conc: 19.36 ng/ml