

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081625\
 Data File : PL096819.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2025 10:58
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/18/2025
 Supervised By : mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 18 05:54:51 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...	3.530	2.822	173.6E6	258.7E6	54.574	54.143
2)	SA Decachlor...	9.009	7.987	127.8E6	209.1E6	53.584	48.192
Target Compounds							
2)	A alpha-BHC	3.976	3.328	262.0E6	377.1E6	56.623m	53.290
3)	MA gamma-BHC...	4.304	3.660	234.5E6	349.6E6	53.005m	52.938
4)	MA Heptachlor	4.897	4.009	248.7E6	345.4E6	59.841	51.850
5)	MB Aldrin	5.237	4.291	238.5E6	317.1E6	55.458	51.080
6)	B beta-BHC	4.491	3.956	99032385	148.2E6	54.867m	52.522
7)	B delta-BHC	4.738	4.189	224.7E6	337.8E6	56.322	52.180
8)	B Heptachlo...	5.657	4.794	206.2E6	291.8E6	53.473	51.083
9)	A Endosulfan I	6.039	5.165	198.1E6	277.0E6	55.090	50.075
10)	B gamma-Chl...	5.911	5.046	214.3E6	310.4E6	56.305	52.789
11)	B alpha-Chl...	5.992	5.110	213.7E6	303.9E6	55.429	51.520
12)	B 4,4'-DDE	6.162	5.299	183.4E6	286.5E6	57.098	51.952
13)	MA Dieldrin	6.311	5.430	201.5E6	302.9E6	54.299	51.283
14)	MA Endrin	6.536	5.704	167.9E6	275.4E6	55.479m	50.951
15)	B Endosulfa...	6.749	5.996	169.2E6	291.5E6	52.839m	56.746
16)	A 4,4'-DDD	6.669	5.852	136.2E6	240.2E6	53.850m	51.048
17)	MA 4,4'-DDT	6.985	6.103	158.5E6	265.7E6	55.256	52.524m
18)	B Endrin al...	6.878	6.174	115.1E6	188.4E6	53.660m	51.827
19)	B Endosulfa...	7.113	6.398	151.1E6	252.7E6	52.569	49.688
20)	A Methoxychlor	7.457	6.677	80618417	138.3E6	54.904	50.460
21)	B Endrin ke...	7.592	6.903	159.7E6	280.3E6	53.123	50.322
22)	Mirex	8.071	7.092	128.9E6	216.7E6	51.989	49.693

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

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Data File : PL096819.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2025 10:58
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

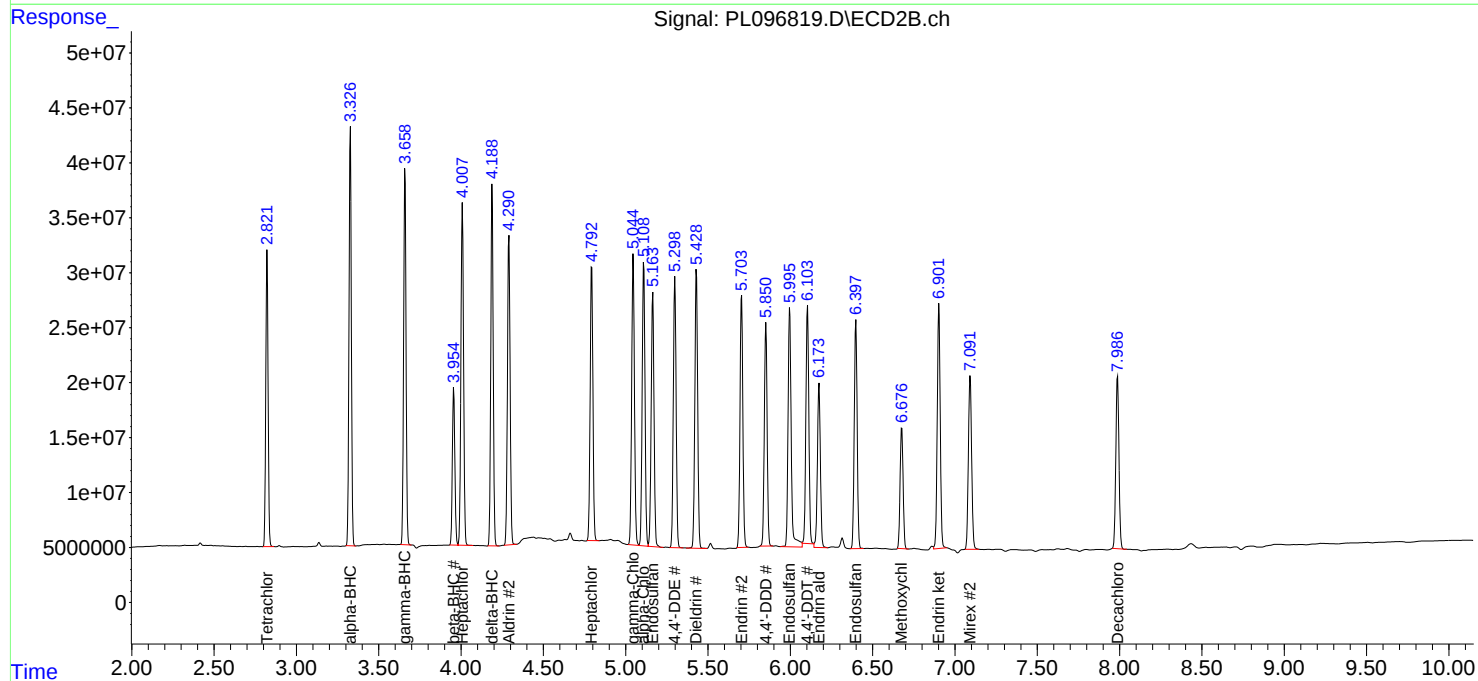
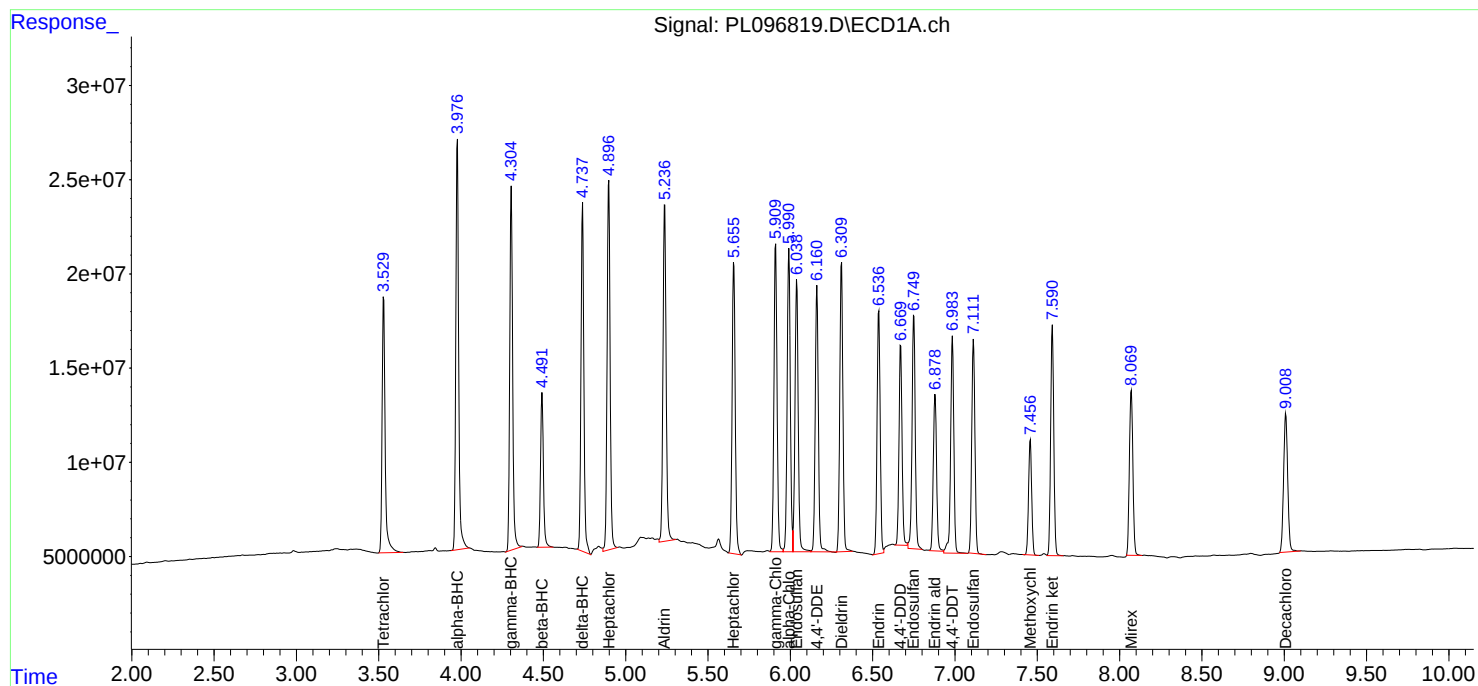
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

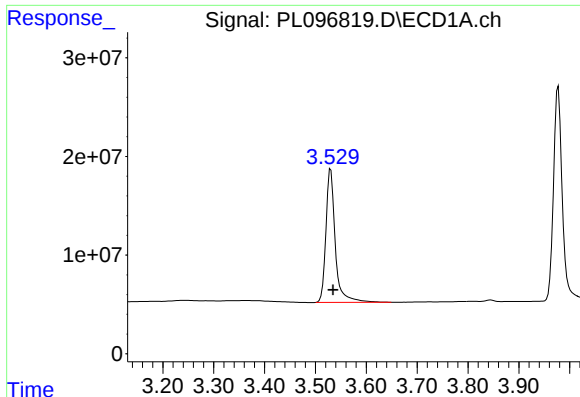
Manual Integrations
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Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 05:54:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 08 15:43:38 2025
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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





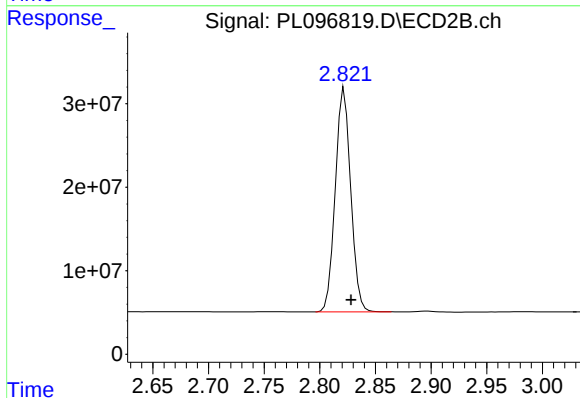
#1 Tetrachloro-m-xylene

R.T.: 3.530 min
Delta R.T.: -0.005 min
Response: 173588834
Conc: 54.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

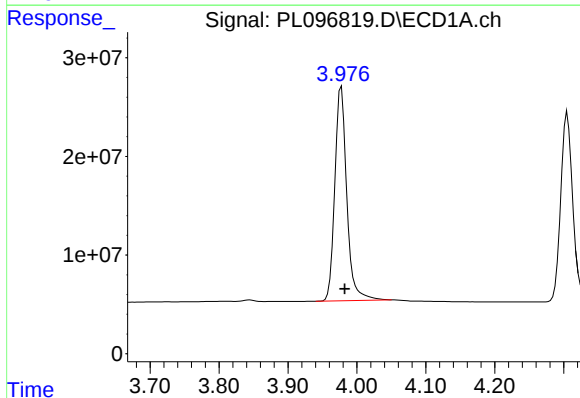
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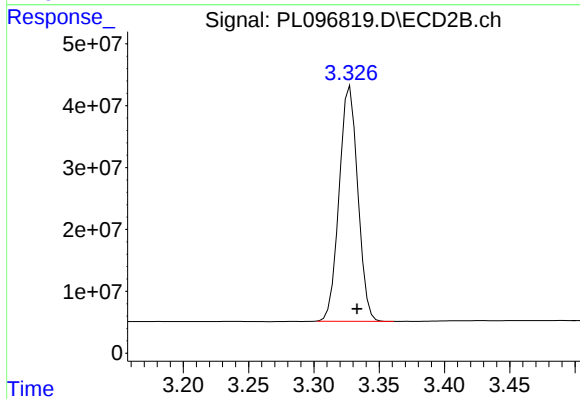
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: -0.006 min
Response: 258683720
Conc: 54.14 ng/ml



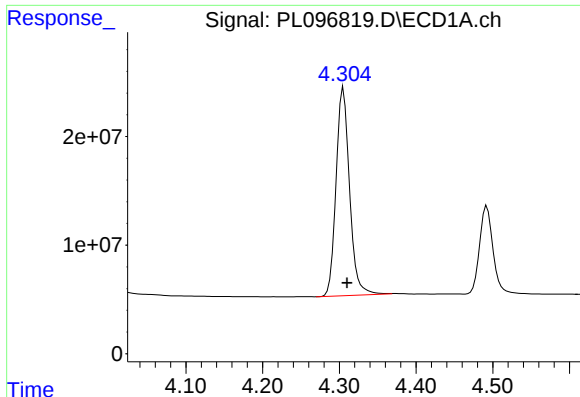
#2 alpha-BHC

R.T.: 3.976 min
Delta R.T.: -0.006 min
Response: 261958305
Conc: 56.62 ng/ml m



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: -0.005 min
Response: 377136964
Conc: 53.29 ng/ml



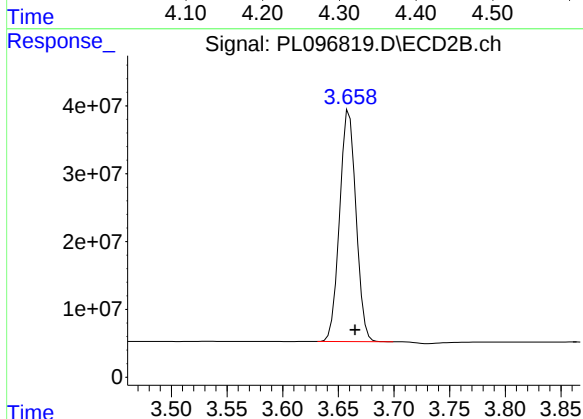
#3 gamma-BHC (Lindane)

R.T.: 4.304 min
Delta R.T.: -0.006 min
Response: 234462579
Conc: 53.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

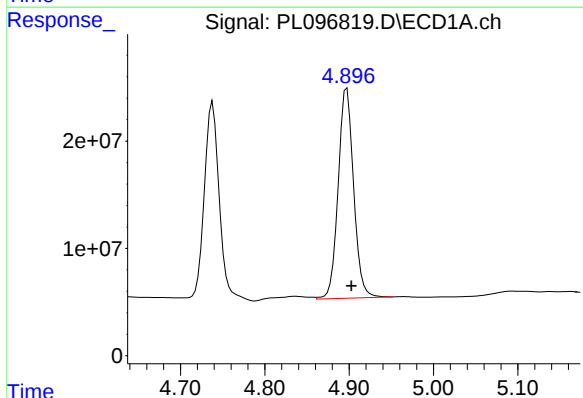
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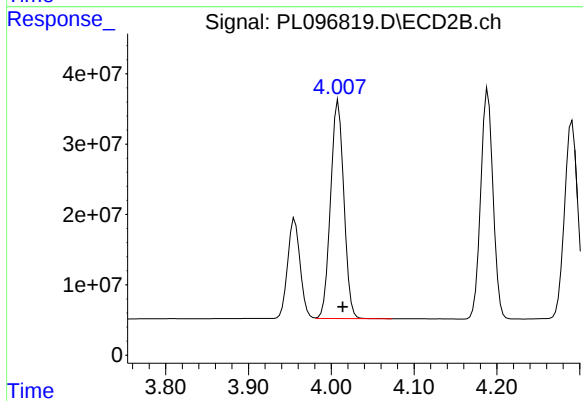
#3 gamma-BHC (Lindane)

R.T.: 3.660 min
Delta R.T.: -0.005 min
Response: 349570640
Conc: 52.94 ng/ml



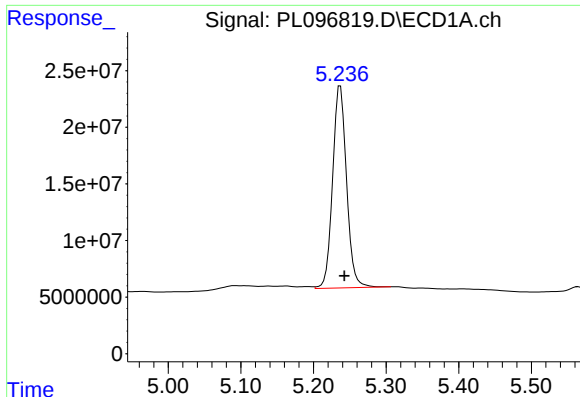
#4 Heptachlor

R.T.: 4.897 min
Delta R.T.: -0.005 min
Response: 248682326
Conc: 59.84 ng/ml



#4 Heptachlor

R.T.: 4.009 min
Delta R.T.: -0.005 min
Response: 345419725
Conc: 51.85 ng/ml



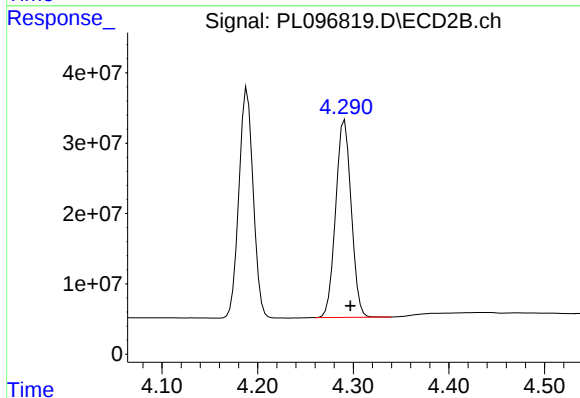
#5 Aldrin

R.T.: 5.237 min
Delta R.T.: -0.006 min
Response: 238527024
Conc: 55.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

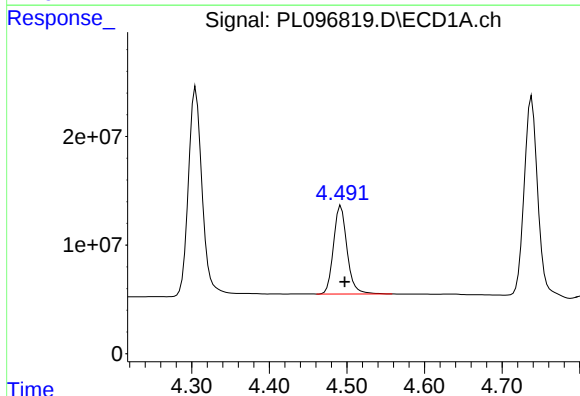
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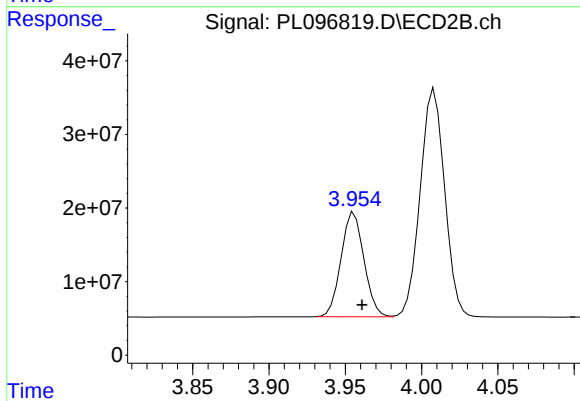
#5 Aldrin

R.T.: 4.291 min
Delta R.T.: -0.006 min
Response: 317057424
Conc: 51.08 ng/ml



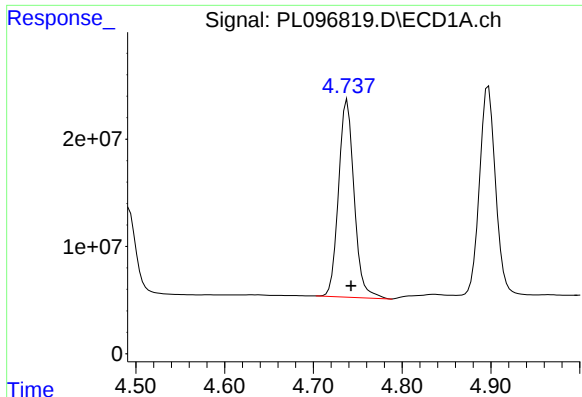
#6 beta-BHC

R.T.: 4.491 min
Delta R.T.: -0.006 min
Response: 99032385
Conc: 54.87 ng/ml m



#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: -0.005 min
Response: 148157872
Conc: 52.52 ng/ml



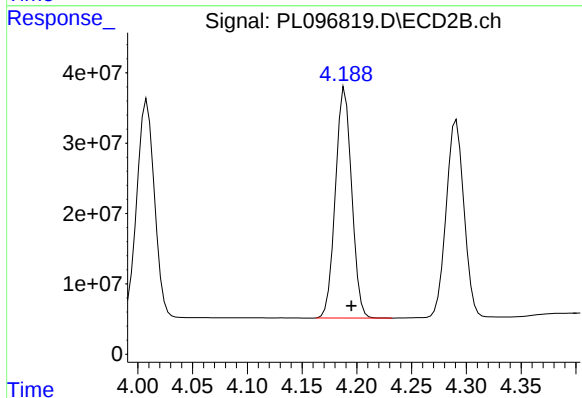
#7 delta-BHC

R.T.: 4.738 min
Delta R.T.: -0.004 min
Response: 224715371
Conc: 56.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

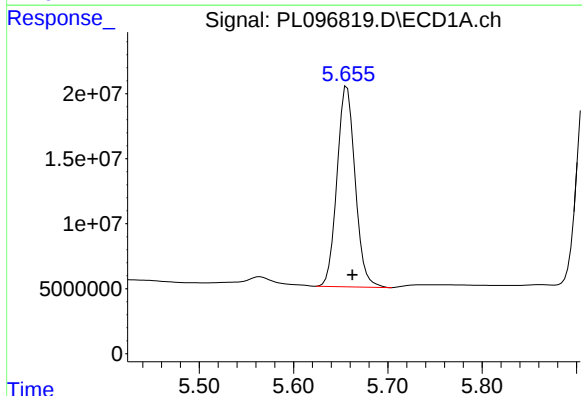
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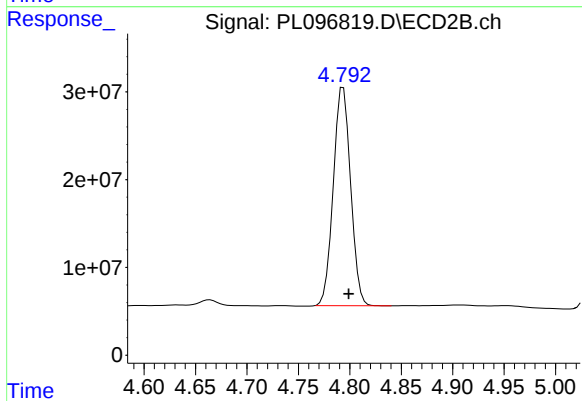
#7 delta-BHC

R.T.: 4.189 min
Delta R.T.: -0.006 min
Response: 337794712
Conc: 52.18 ng/ml



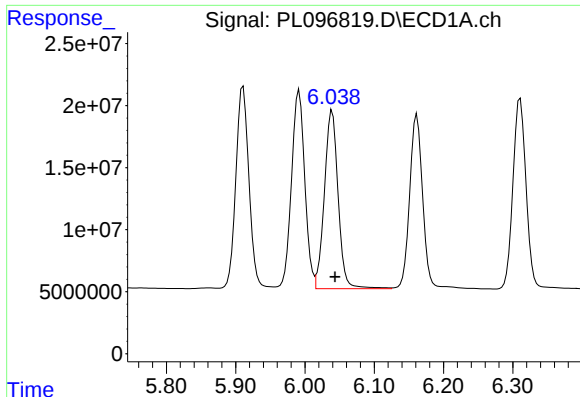
#8 Heptachlor epoxide

R.T.: 5.657 min
Delta R.T.: -0.005 min
Response: 206221416
Conc: 53.47 ng/ml



#8 Heptachlor epoxide

R.T.: 4.794 min
Delta R.T.: -0.005 min
Response: 291750031
Conc: 51.08 ng/ml



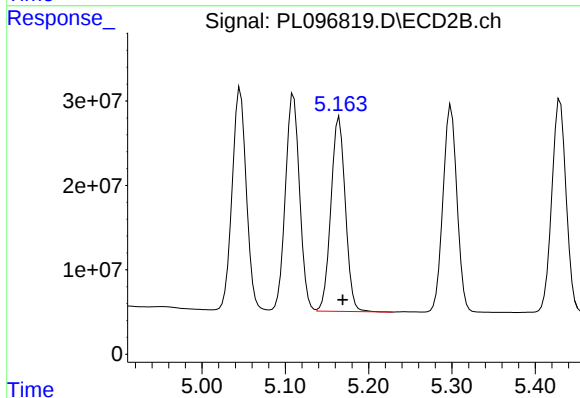
#9 Endosulfan I

R.T.: 6.039 min
Delta R.T.: -0.004 min
Response: 198123782
Conc: 55.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

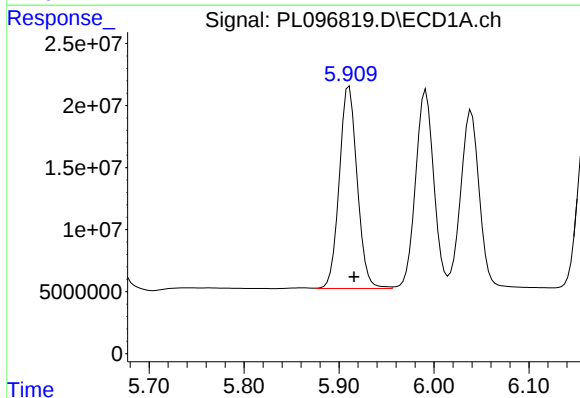
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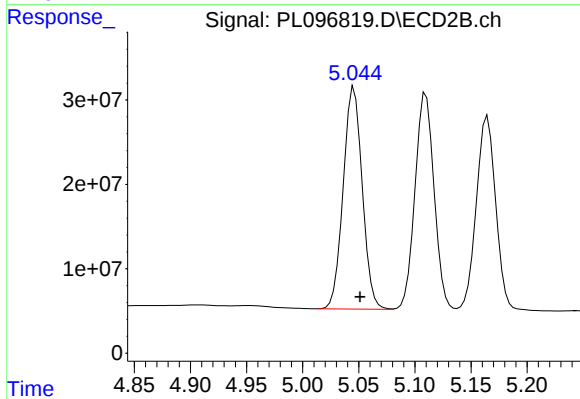
#9 Endosulfan I

R.T.: 5.165 min
Delta R.T.: -0.004 min
Response: 276983051
Conc: 50.07 ng/ml



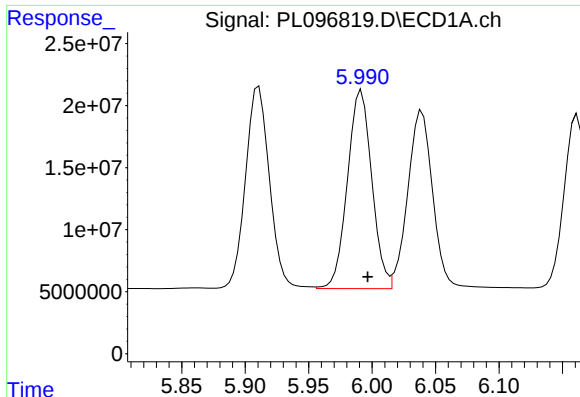
#10 gamma-Chlordane

R.T.: 5.911 min
Delta R.T.: -0.005 min
Response: 214254477
Conc: 56.31 ng/ml



#10 gamma-Chlordane

R.T.: 5.046 min
Delta R.T.: -0.005 min
Response: 310405952
Conc: 52.79 ng/ml



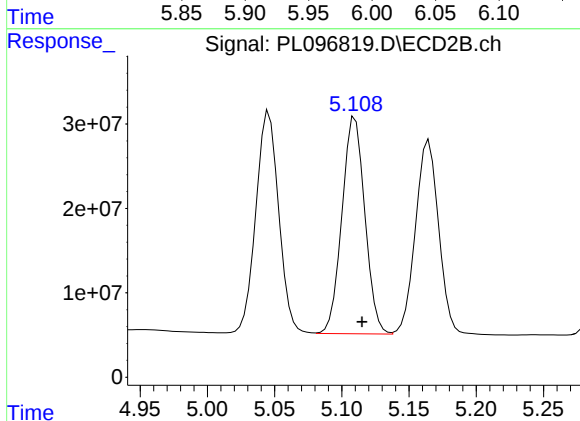
#11 alpha-Chlordane

R.T.: 5.992 min
Delta R.T.: -0.005 min
Response: 213658778
Conc: 55.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

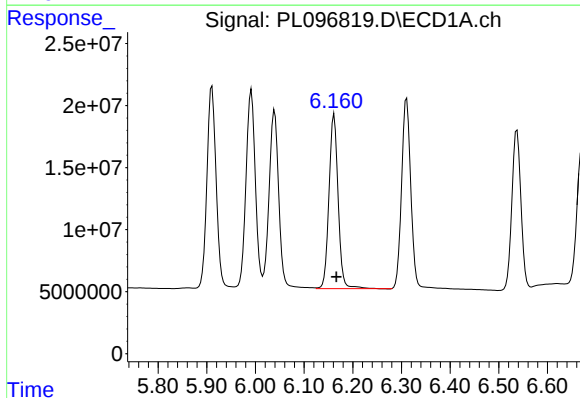
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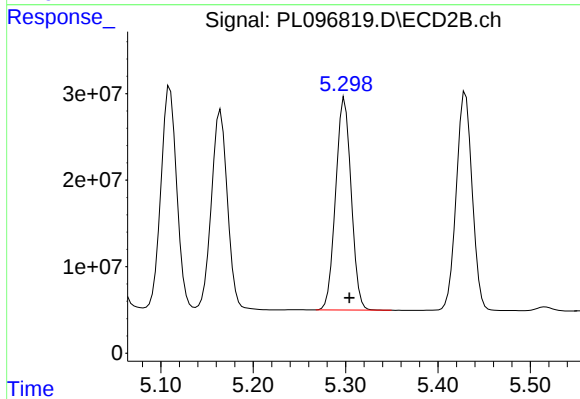
#11 alpha-Chlordane

R.T.: 5.110 min
Delta R.T.: -0.005 min
Response: 303910082
Conc: 51.52 ng/ml



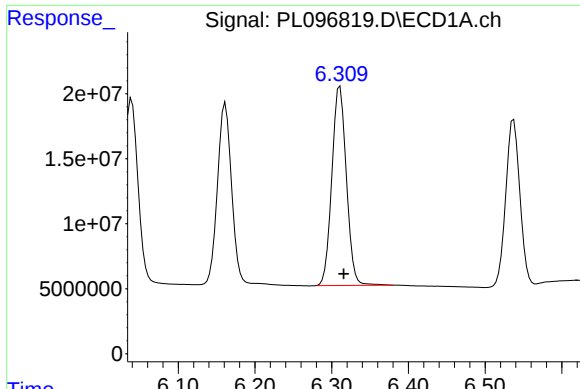
#12 4,4'-DDE

R.T.: 6.162 min
Delta R.T.: -0.005 min
Response: 183355642
Conc: 57.10 ng/ml



#12 4,4'-DDE

R.T.: 5.299 min
Delta R.T.: -0.005 min
Response: 286484870
Conc: 51.95 ng/ml



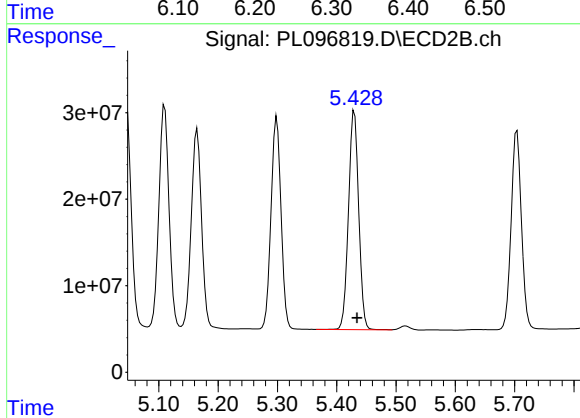
#13 Dieldrin

R.T.: 6.311 min
Delta R.T.: -0.005 min
Response: 201510129
Conc: 54.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

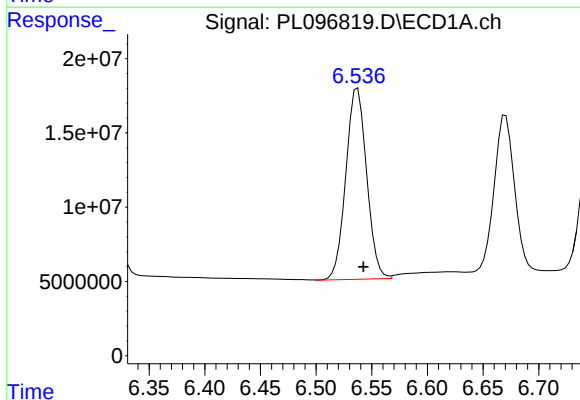
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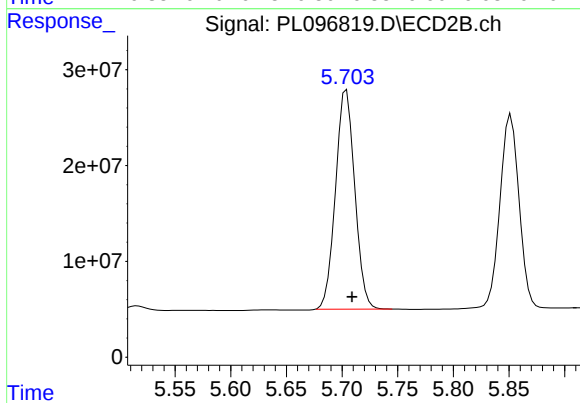
#13 Dieldrin

R.T.: 5.430 min
Delta R.T.: -0.004 min
Response: 302906139
Conc: 51.28 ng/ml



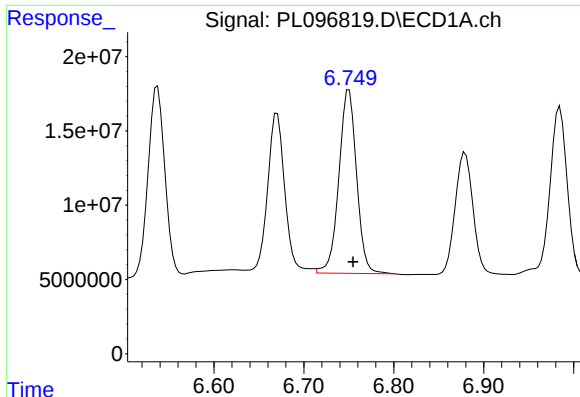
#14 Endrin

R.T.: 6.536 min
Delta R.T.: -0.007 min
Response: 167924672
Conc: 55.48 ng/ml m



#14 Endrin

R.T.: 5.704 min
Delta R.T.: -0.005 min
Response: 275437287
Conc: 50.95 ng/ml



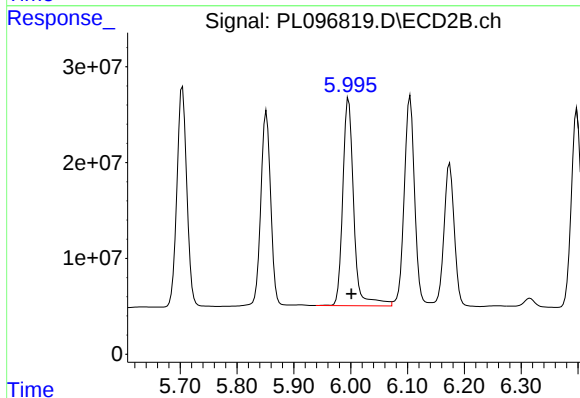
#15 Endosulfan II

R.T.: 6.749 min
Delta R.T.: -0.006 min
Response: 169225743
Conc: 52.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

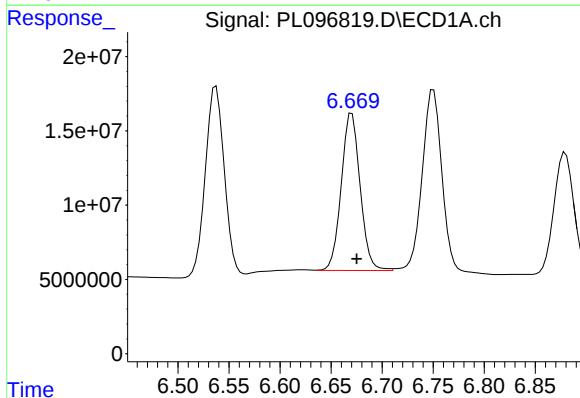
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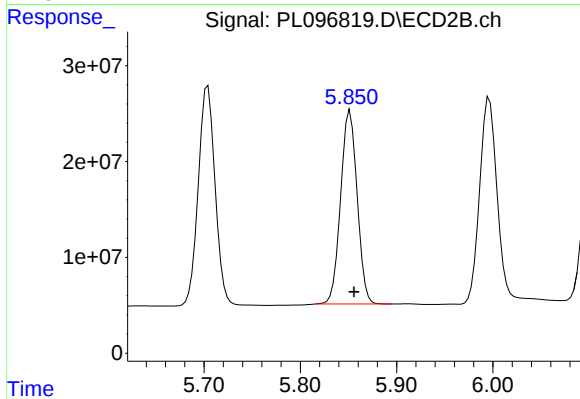
#15 Endosulfan II

R.T.: 5.996 min
Delta R.T.: -0.005 min
Response: 291461407
Conc: 56.75 ng/ml



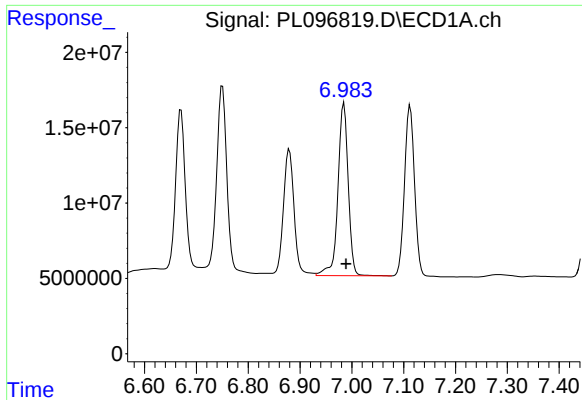
#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: -0.006 min
Response: 136152898
Conc: 53.85 ng/ml m



#16 4,4'-DDD

R.T.: 5.852 min
Delta R.T.: -0.004 min
Response: 240194386
Conc: 51.05 ng/ml



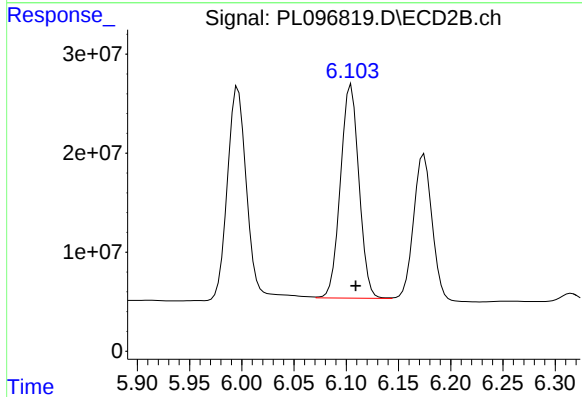
#17 4,4'-DDT

R.T.: 6.985 min
Delta R.T.: -0.004 min
Response: 158456518
Conc: 55.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

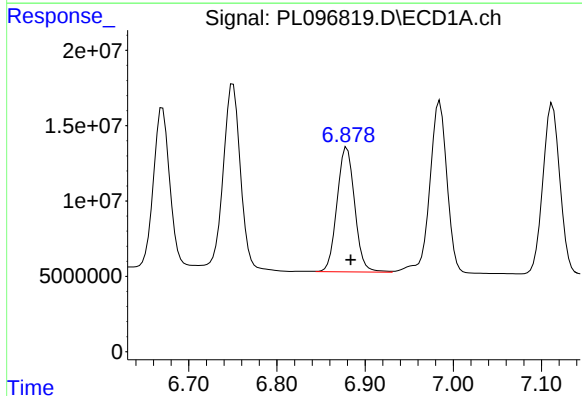
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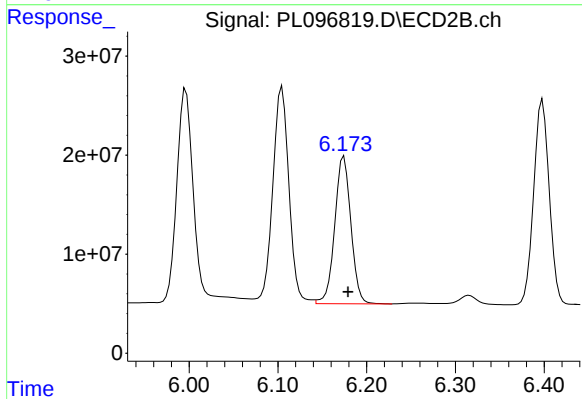
#17 4,4'-DDT

R.T.: 6.103 min
Delta R.T.: -0.006 min
Response: 265682609
Conc: 52.52 ng/ml m



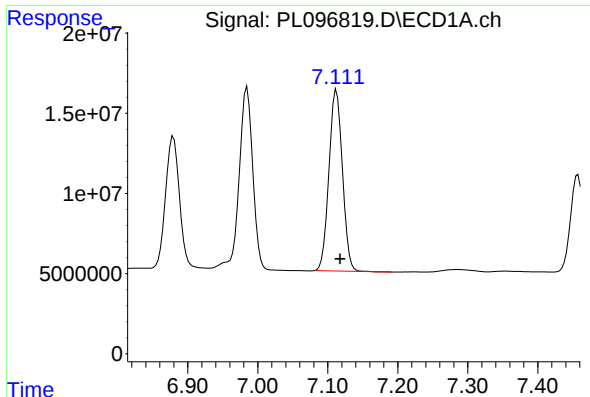
#18 Endrin aldehyde

R.T.: 6.878 min
Delta R.T.: -0.006 min
Response: 115149393
Conc: 53.66 ng/ml m



#18 Endrin aldehyde

R.T.: 6.174 min
Delta R.T.: -0.005 min
Response: 188393647
Conc: 51.83 ng/ml



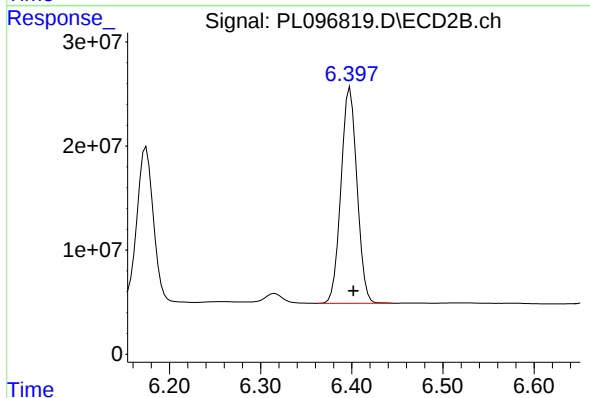
#19 Endosulfan Sulfate

R.T.: 7.113 min
Delta R.T.: -0.005 min
Response: 151067060
Conc: 52.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

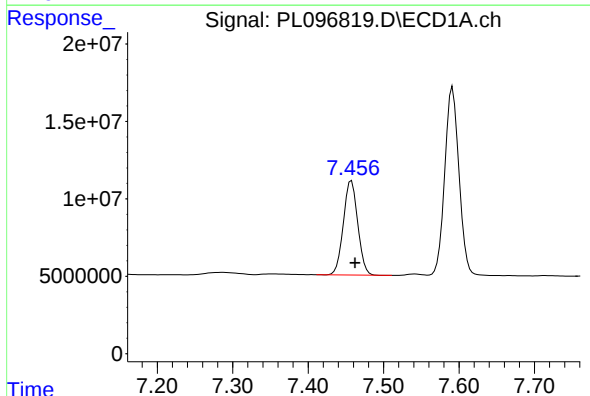
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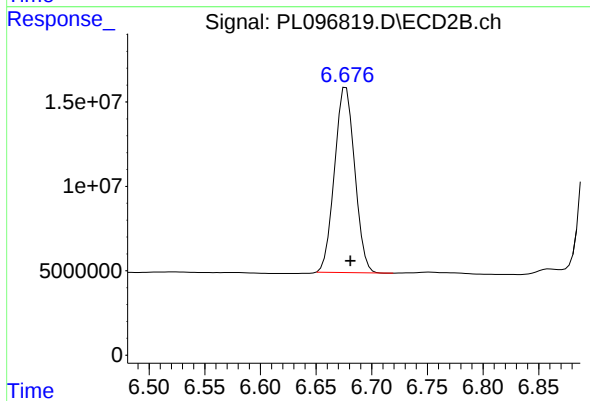
#19 Endosulfan Sulfate

R.T.: 6.398 min
Delta R.T.: -0.004 min
Response: 252725524
Conc: 49.69 ng/ml



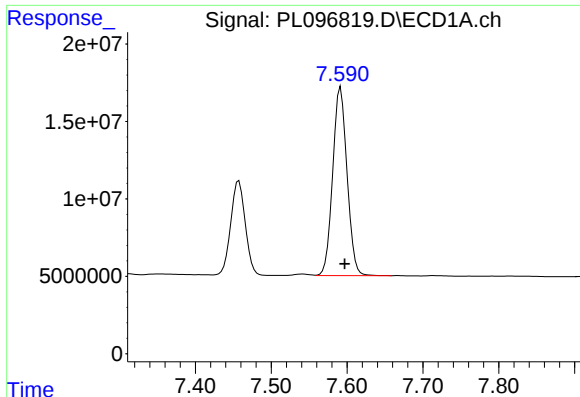
#20 Methoxychlor

R.T.: 7.457 min
Delta R.T.: -0.005 min
Response: 80618417
Conc: 54.90 ng/ml



#20 Methoxychlor

R.T.: 6.677 min
Delta R.T.: -0.004 min
Response: 138285984
Conc: 50.46 ng/ml



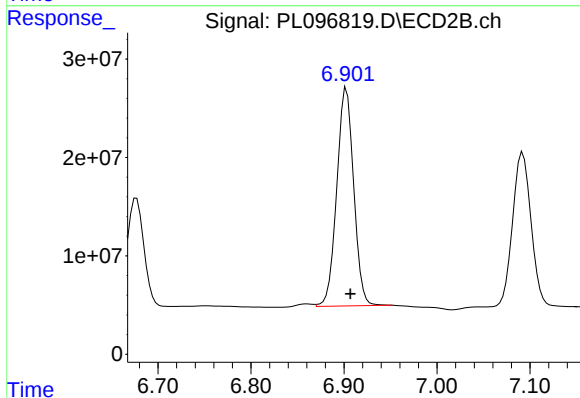
#21 Endrin ketone

R.T.: 7.592 min
Delta R.T.: -0.005 min
Response: 159725679
Conc: 53.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

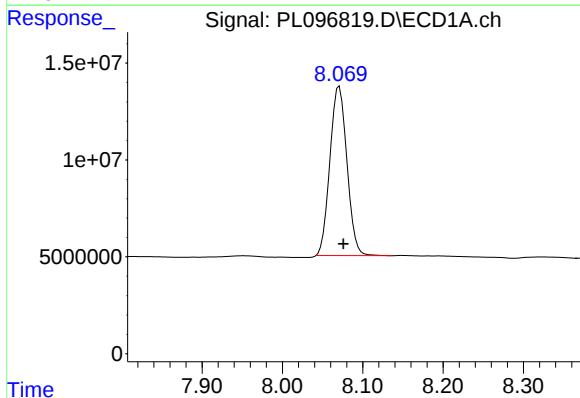
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/18/2025
Supervised By :mohammad ahmed 08/21/2025



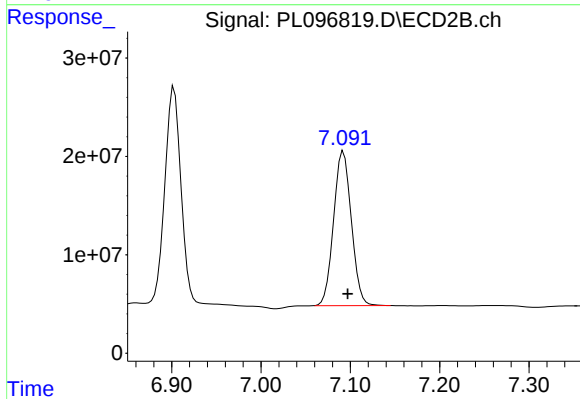
#21 Endrin ketone

R.T.: 6.903 min
Delta R.T.: -0.004 min
Response: 280283510
Conc: 50.32 ng/ml



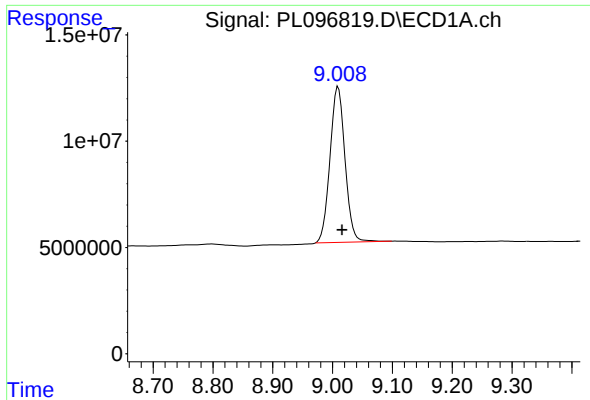
#22 Mirex

R.T.: 8.071 min
Delta R.T.: -0.005 min
Response: 128899173
Conc: 51.99 ng/ml



#22 Mirex

R.T.: 7.092 min
Delta R.T.: -0.005 min
Response: 216703290
Conc: 49.69 ng/ml



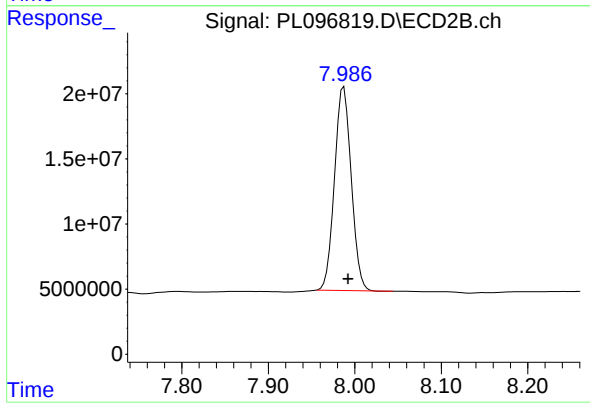
#28 Decachlorobiphenyl

R.T.: 9.009 min
Delta R.T.: -0.006 min
Response: 127780741
Conc: 53.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/18/2025
Supervised By :mohammad ahmed 08/21/2025



#28 Decachlorobiphenyl

R.T.: 7.987 min
Delta R.T.: -0.005 min
Response: 209072671
Conc: 48.19 ng/ml