

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080725\
 Data File : PL096745.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Aug 2025 13:42
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/08/2025
 Supervised By : mohammad ahmed 08/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 22:40:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 29 08:58:13 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1
 Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.532	2.826	163.9E6	263.5E6	51.521	55.151
28)	SA Decachlor...	9.009	7.988	114.7E6	217.1E6	48.106	50.037
Target Compounds							
2)	A alpha-BHC	3.980	3.332	235.1E6	395.7E6	50.808	55.913
3)	MA gamma-BHC...	4.307	3.663	223.1E6	366.0E6	50.436	55.419
4)	MA Heptachlor	4.899	4.012	217.6E6	358.2E6	52.359	53.764
5)	MB Aldrin	5.238	4.295	213.2E6	337.0E6	49.578	54.294
6)	B beta-BHC	4.493	3.960	92144815	154.1E6	51.051	54.629
7)	B delta-BHC	4.738	4.192	210.3E6	355.2E6	52.716m	54.870
8)	B Heptachlo...	5.657	4.796	205.1E6	303.8E6	53.172	53.185
9)	A Endosulfan I	6.038	5.167	170.7E6	274.4E6	47.461m	49.616
10)	B gamma-Chl...	5.910	5.048	193.2E6	322.0E6	50.773m	54.756
11)	B alpha-Chl...	5.990	5.112	187.1E6	321.5E6	48.529m	54.506
12)	B 4,4'-DDE	6.162	5.300	161.4E6	287.3E6	50.261	52.096m
13)	MA Dieldrin	6.312	5.430	179.8E6	316.0E6	48.442	53.501m
14)	MA Endrin	6.536	5.706	144.8E6	282.9E6	47.826m	52.325
15)	B Endosulfa...	6.750	5.997	151.4E6	263.7E6	47.276	51.347
16)	A 4,4'-DDD	6.669	5.853	130.3E6	241.6E6	51.552m	51.353
17)	MA 4,4'-DDT	6.985	6.106	136.0E6	250.0E6	47.412	49.422
18)	B Endrin al...	6.879	6.176	109.2E6	203.9E6	50.898	55.240
19)	B Endosulfa...	7.113	6.399	135.0E6	263.7E6	46.976	51.851
20)	A Methoxychlor	7.457	6.678	67212982	136.5E6	45.774	49.806
21)	B Endrin ke...	7.592	6.903	140.9E6	266.7E6	46.847	47.889
22)	Mirex	8.071	7.094	116.5E6	218.9E6	47.001	50.187

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

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Data File : PL096745.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Aug 2025 13:42
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

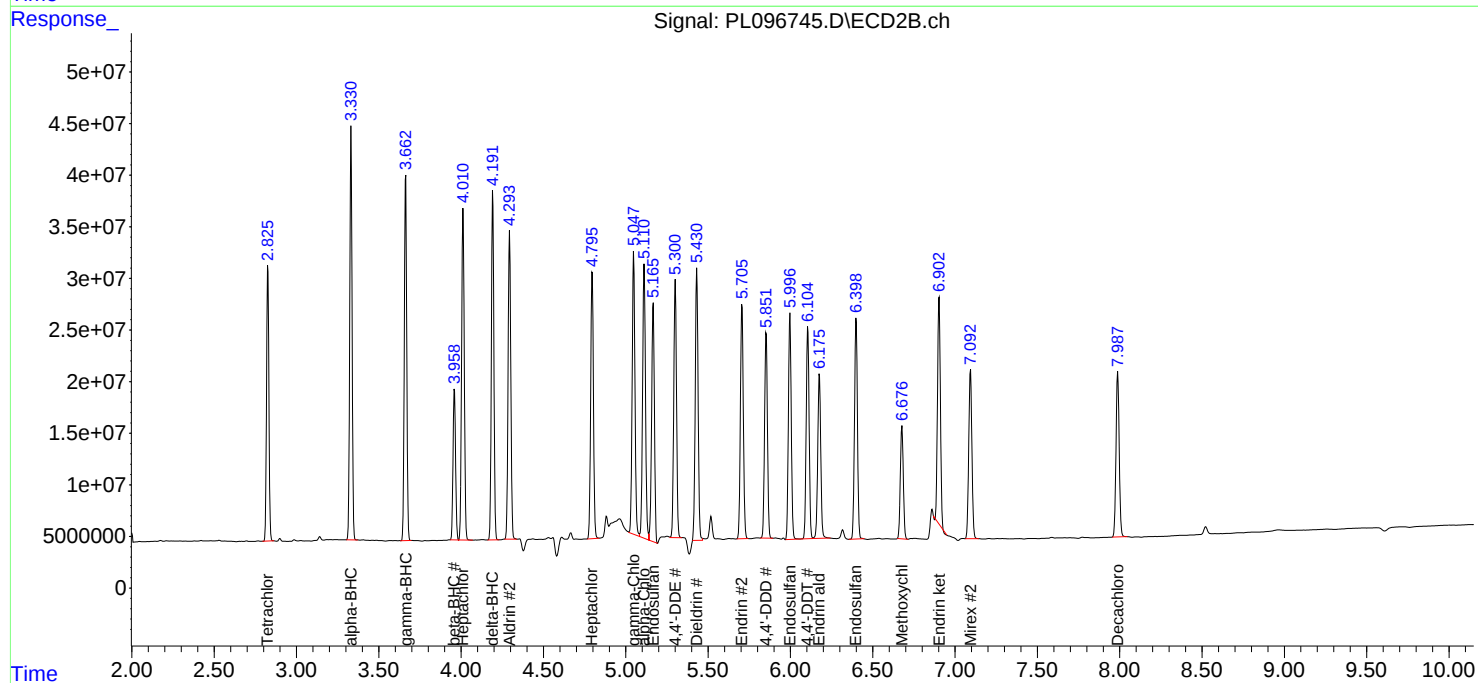
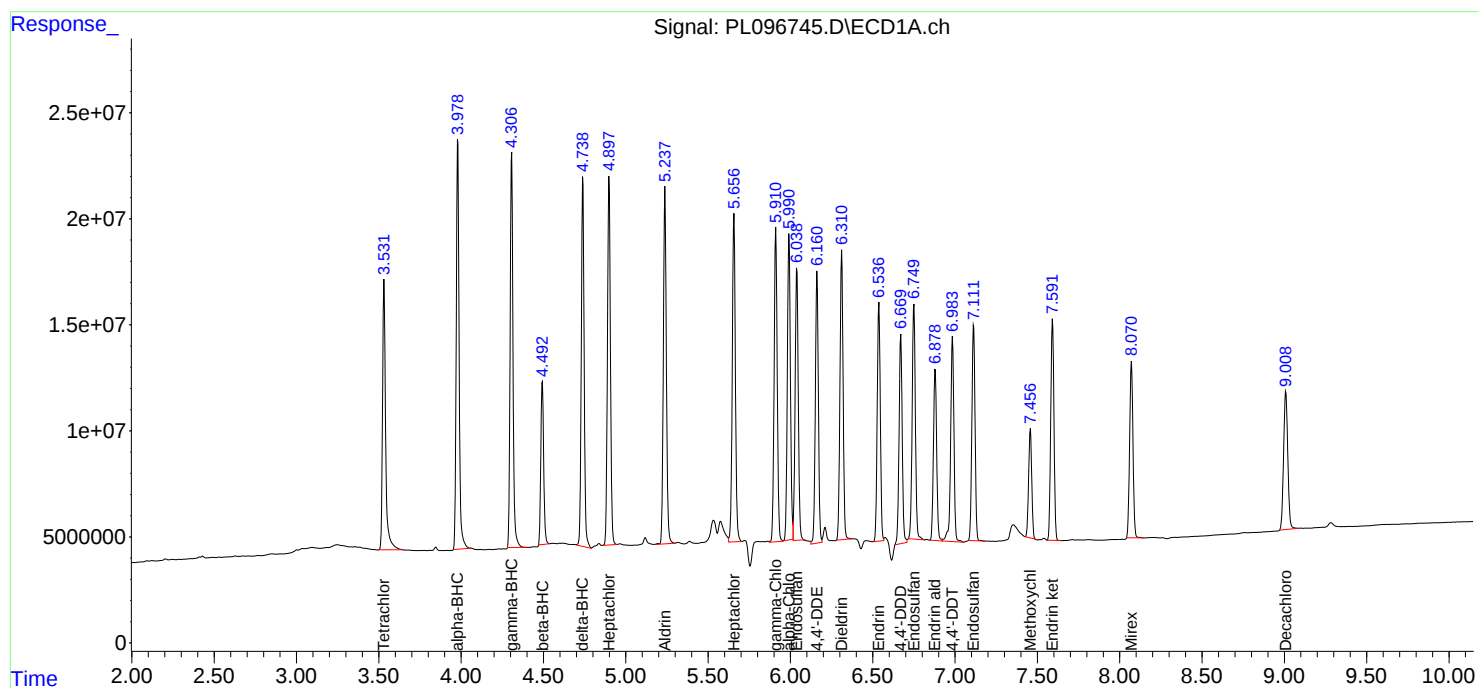
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

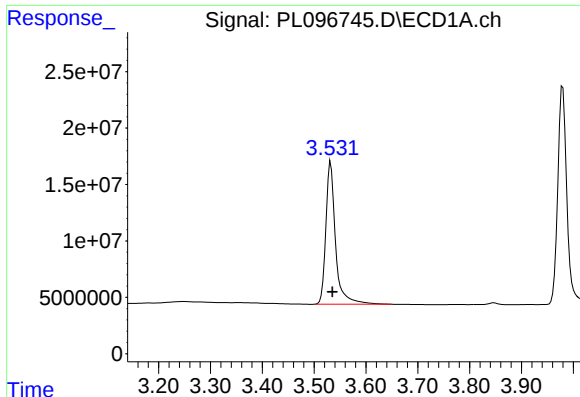
Manual Integrations
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Supervised By :mohammad ahmed 08/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 22:40:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Tue Jul 29 08:58:13 2025
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Signal #1 Info : 30M x 0.32mm x0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm





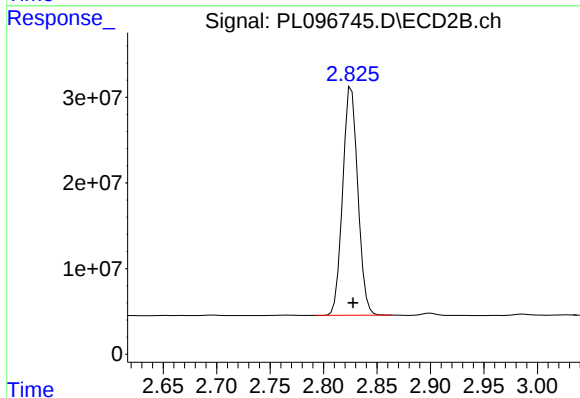
#1 Tetrachloro-m-xylene

R.T.: 3.532 min
Delta R.T.: -0.003 min
Response: 163875901
Conc: 51.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

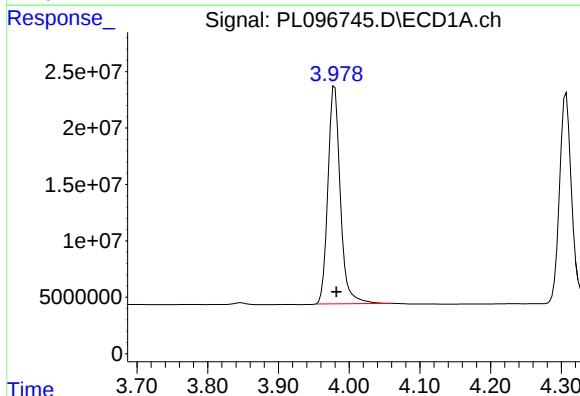
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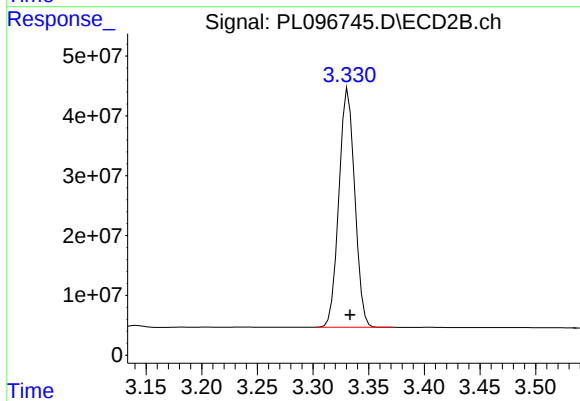
#1 Tetrachloro-m-xylene

R.T.: 2.826 min
Delta R.T.: -0.001 min
Response: 263498333
Conc: 55.15 ng/ml



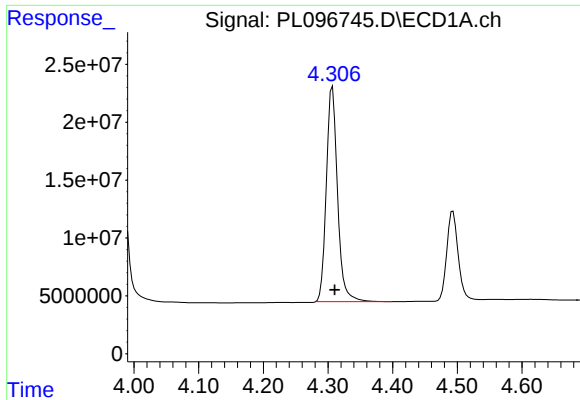
#2 alpha-BHC

R.T.: 3.980 min
Delta R.T.: -0.002 min
Response: 235053752
Conc: 50.81 ng/ml



#2 alpha-BHC

R.T.: 3.332 min
Delta R.T.: -0.002 min
Response: 395697902
Conc: 55.91 ng/ml



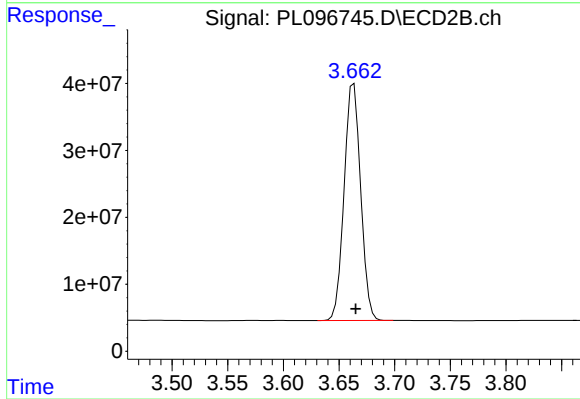
#3 gamma-BHC (Lindane)

R.T.: 4.307 min
Delta R.T.: -0.003 min
Response: 223100598
Conc: 50.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

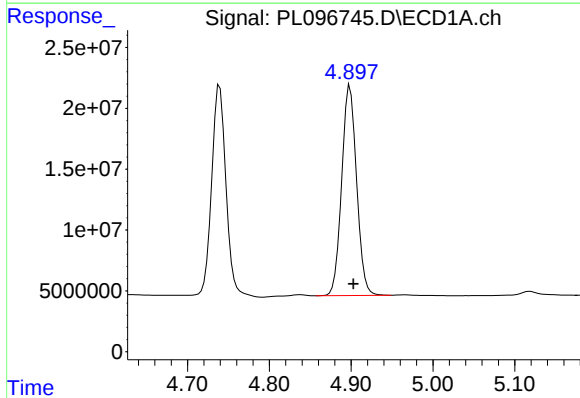
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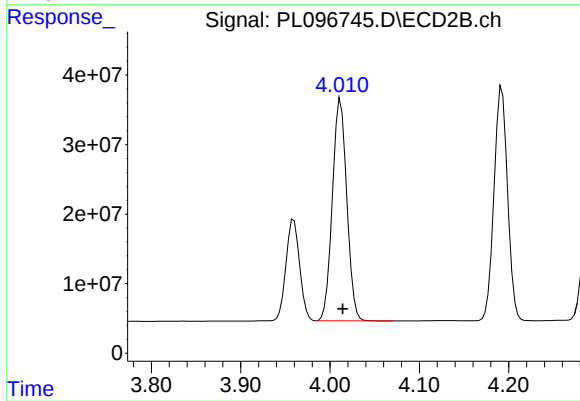
#3 gamma-BHC (Lindane)

R.T.: 3.663 min
Delta R.T.: -0.002 min
Response: 365952052
Conc: 55.42 ng/ml



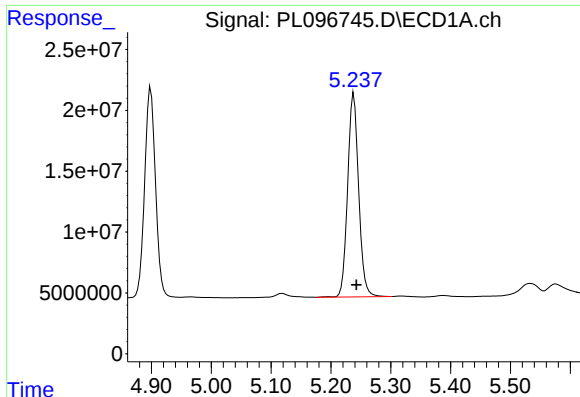
#4 Heptachlor

R.T.: 4.899 min
Delta R.T.: -0.004 min
Response: 217586337
Conc: 52.36 ng/ml



#4 Heptachlor

R.T.: 4.012 min
Delta R.T.: -0.002 min
Response: 358169934
Conc: 53.76 ng/ml



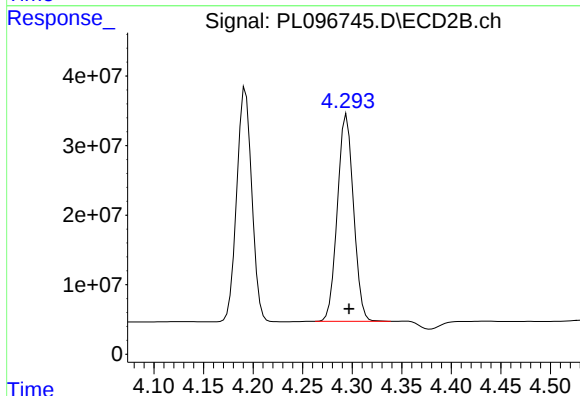
#5 Aldrin

R.T.: 5.238 min
Delta R.T.: -0.005 min
Response: 213234077
Conc: 49.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

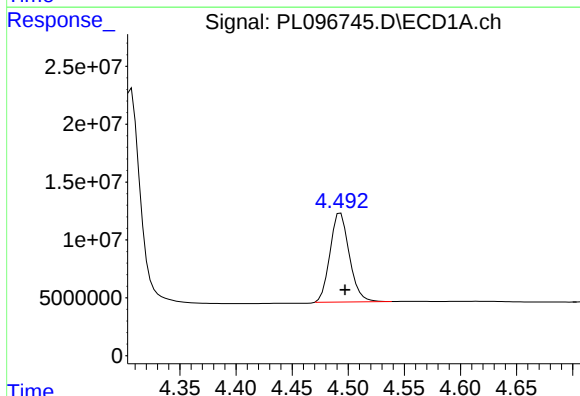
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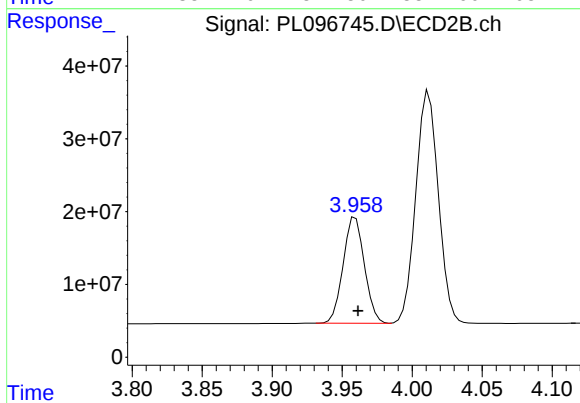
#5 Aldrin

R.T.: 4.295 min
Delta R.T.: -0.002 min
Response: 337004581
Conc: 54.29 ng/ml



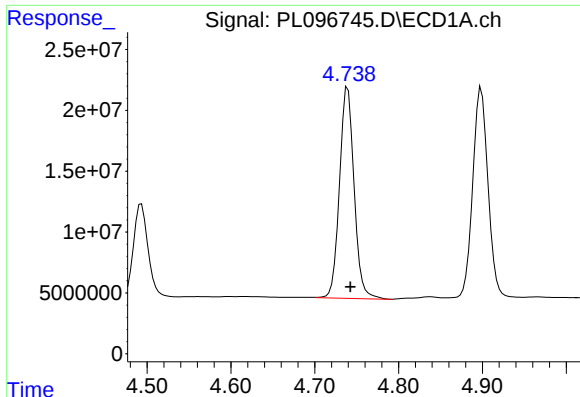
#6 beta-BHC

R.T.: 4.493 min
Delta R.T.: -0.004 min
Response: 92144815
Conc: 51.05 ng/ml



#6 beta-BHC

R.T.: 3.960 min
Delta R.T.: -0.002 min
Response: 154101512
Conc: 54.63 ng/ml



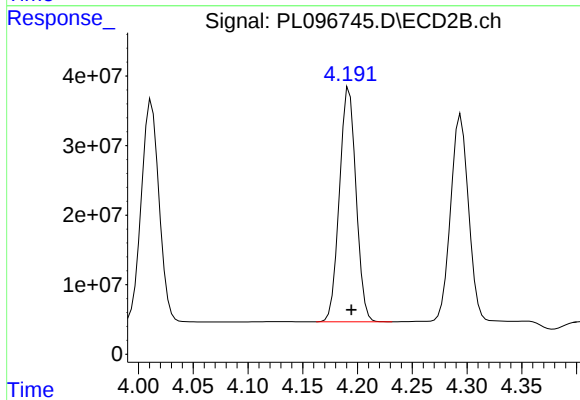
#7 delta-BHC

R.T.: 4.738 min
Delta R.T.: -0.005 min
Response: 210327817
Conc: 52.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

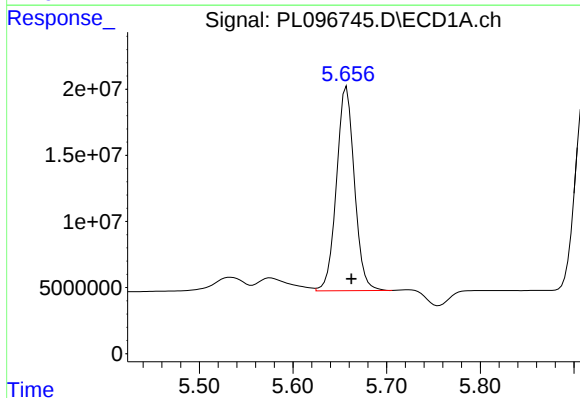
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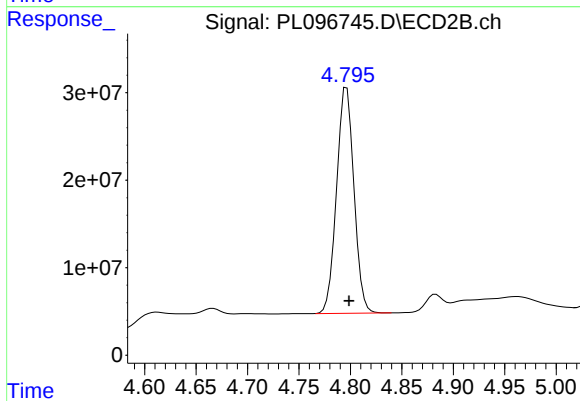
#7 delta-BHC

R.T.: 4.192 min
Delta R.T.: -0.002 min
Response: 355207187
Conc: 54.87 ng/ml



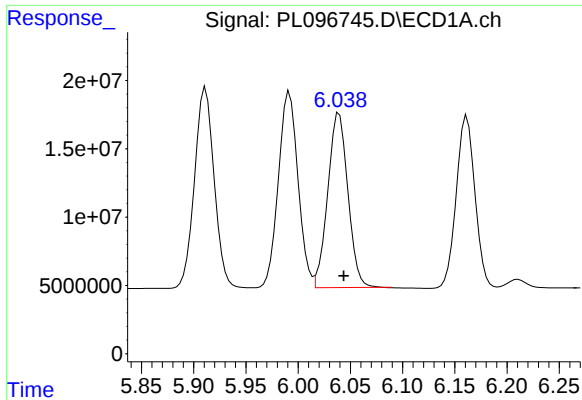
#8 Heptachlor epoxide

R.T.: 5.657 min
Delta R.T.: -0.005 min
Response: 205061867
Conc: 53.17 ng/ml



#8 Heptachlor epoxide

R.T.: 4.796 min
Delta R.T.: -0.002 min
Response: 303755833
Conc: 53.18 ng/ml



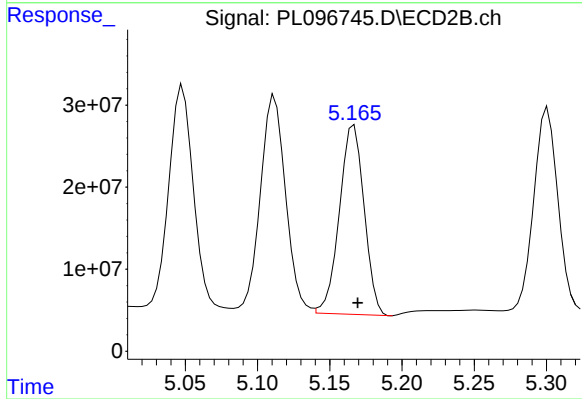
#9 Endosulfan I

R.T.: 6.038 min
Delta R.T.: -0.006 min
Response: 170686007
Conc: 47.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

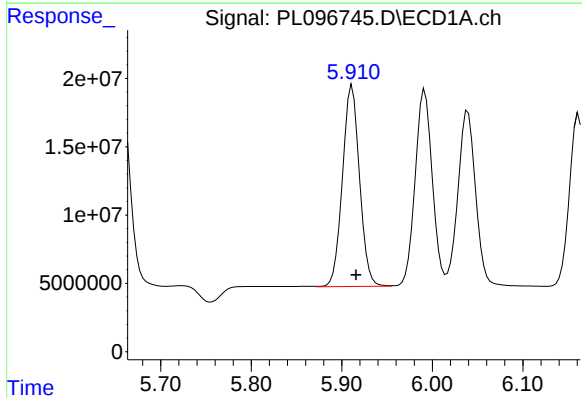
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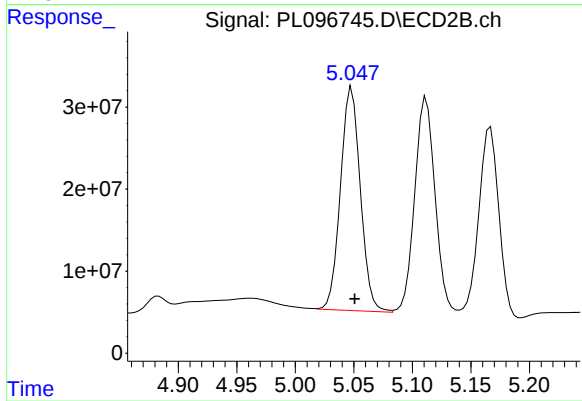
#9 Endosulfan I

R.T.: 5.167 min
Delta R.T.: -0.003 min
Response: 274444436
Conc: 49.62 ng/ml



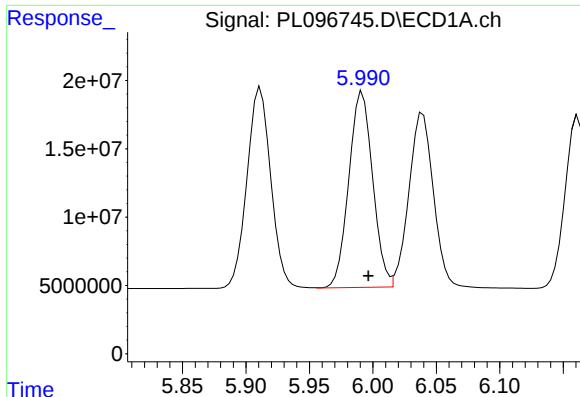
#10 gamma-Chlordane

R.T.: 5.910 min
Delta R.T.: -0.006 min
Response: 193203250
Conc: 50.77 ng/ml m



#10 gamma-Chlordane

R.T.: 5.048 min
Delta R.T.: -0.003 min
Response: 321974083
Conc: 54.76 ng/ml



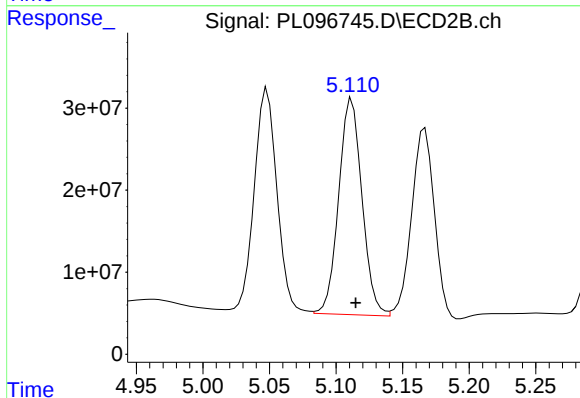
#11 alpha-Chlordane

R.T.: 5.990 min
Delta R.T.: -0.006 min
Response: 187062518
Conc: 48.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

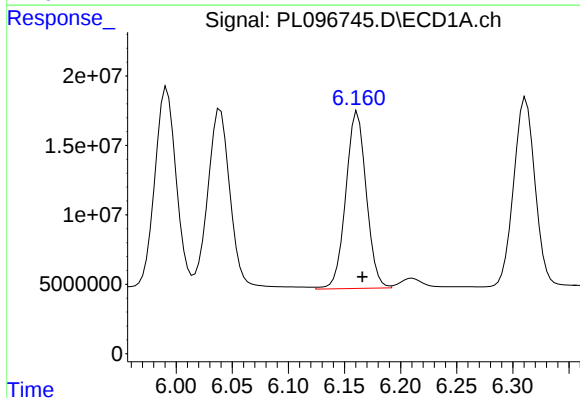
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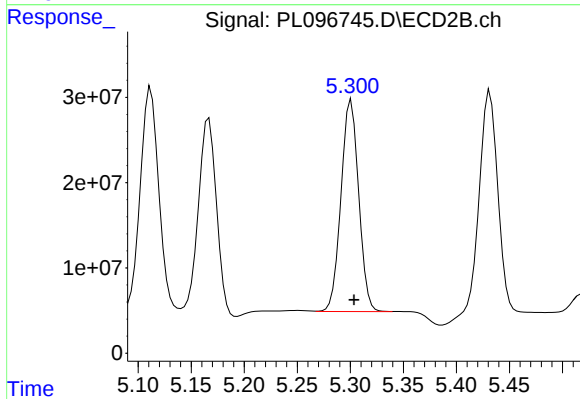
#11 alpha-Chlordane

R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 321525944
Conc: 54.51 ng/ml



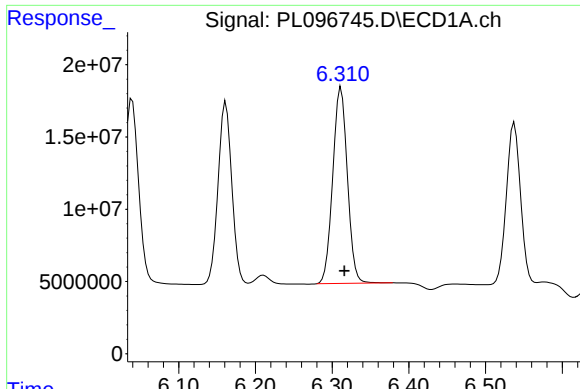
#12 4,4'-DDE

R.T.: 6.162 min
Delta R.T.: -0.005 min
Response: 161400342
Conc: 50.26 ng/ml



#12 4,4'-DDE

R.T.: 5.300 min
Delta R.T.: -0.004 min
Response: 287280884
Conc: 52.10 ng/ml m



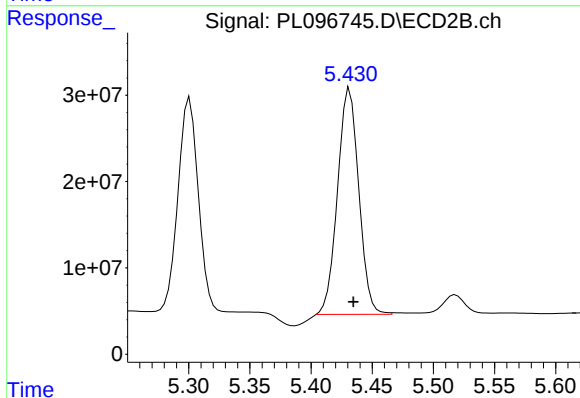
#13 Dieldrin

R.T.: 6.312 min
Delta R.T.: -0.004 min
Response: 179776570
Conc: 48.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

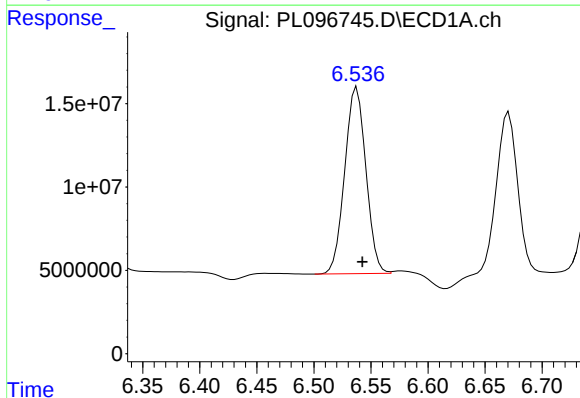
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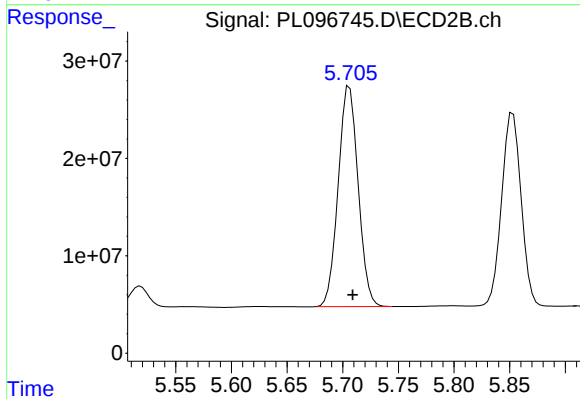
#13 Dieldrin

R.T.: 5.430 min
Delta R.T.: -0.004 min
Response: 316005867
Conc: 53.50 ng/ml m



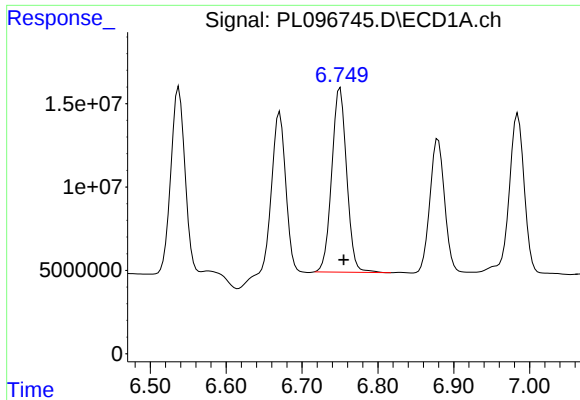
#14 Endrin

R.T.: 6.536 min
Delta R.T.: -0.006 min
Response: 144758474
Conc: 47.83 ng/ml m



#14 Endrin

R.T.: 5.706 min
Delta R.T.: -0.003 min
Response: 282867299
Conc: 52.33 ng/ml



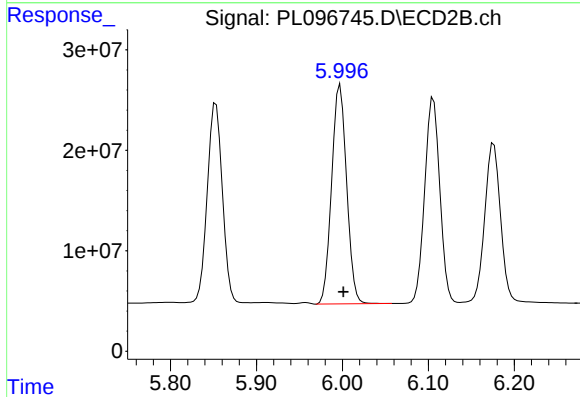
#15 Endosulfan II

R.T.: 6.750 min
Delta R.T.: -0.005 min
Response: 151407597
Conc: 47.28 ng/ml

Instrument :
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ClientSampleId :
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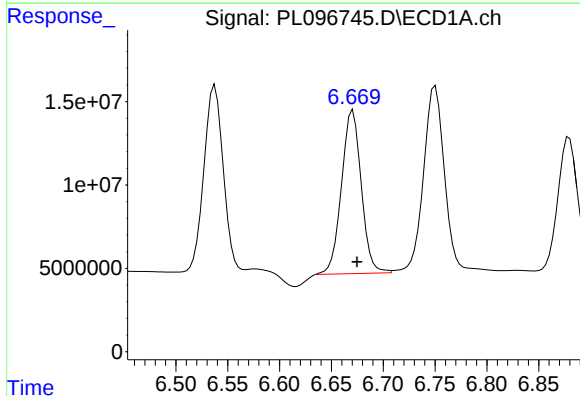
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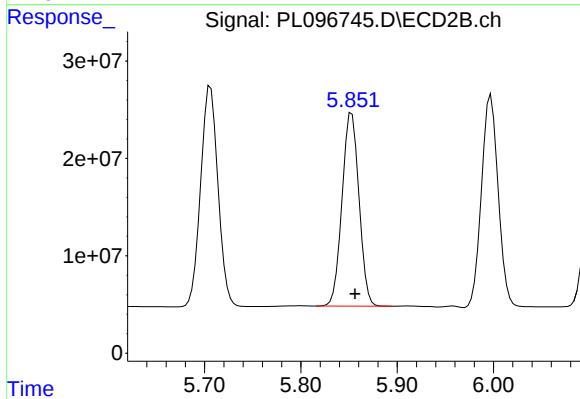
#15 Endosulfan II

R.T.: 5.997 min
Delta R.T.: -0.004 min
Response: 263731452
Conc: 51.35 ng/ml



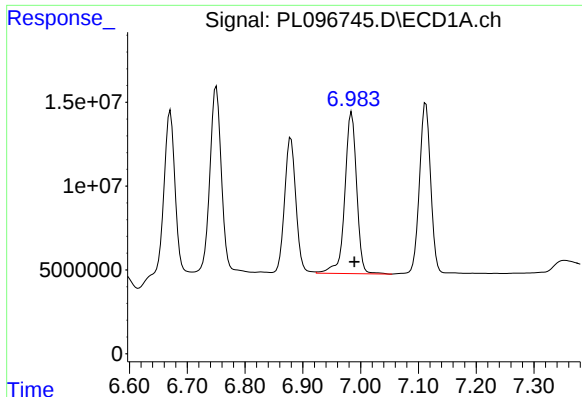
#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: -0.006 min
Response: 130342693
Conc: 51.55 ng/ml m



#16 4,4'-DDD

R.T.: 5.853 min
Delta R.T.: -0.004 min
Response: 241630571
Conc: 51.35 ng/ml



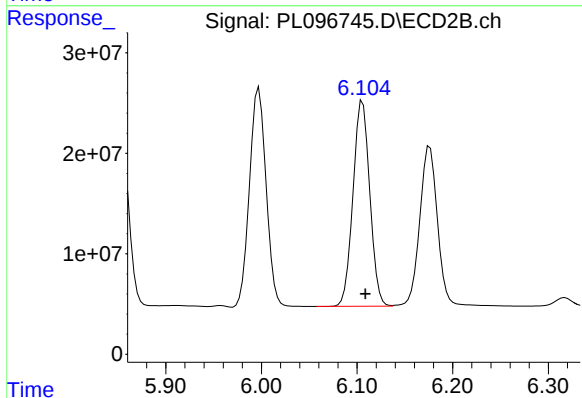
#17 4,4'-DDT

R.T.: 6.985 min
Delta R.T.: -0.005 min
Response: 135961695
Conc: 47.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

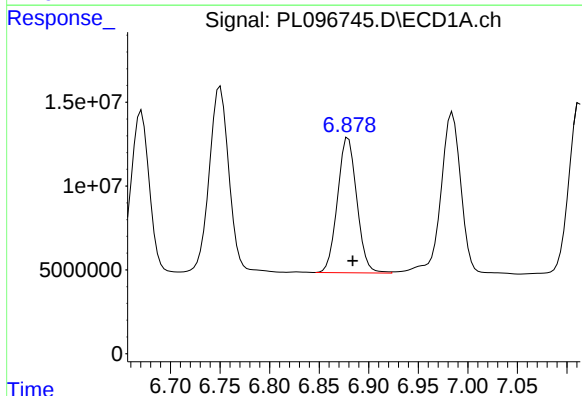
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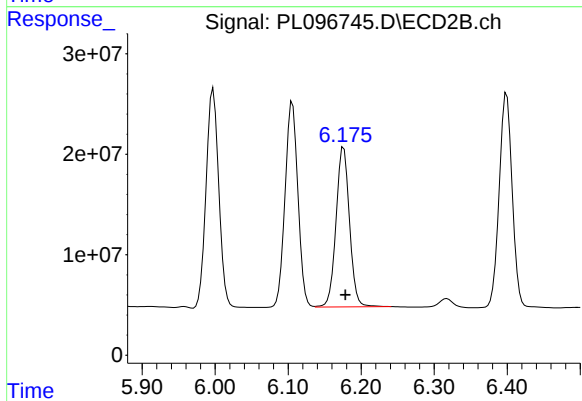
#17 4,4'-DDT

R.T.: 6.106 min
Delta R.T.: -0.003 min
Response: 249990567
Conc: 49.42 ng/ml



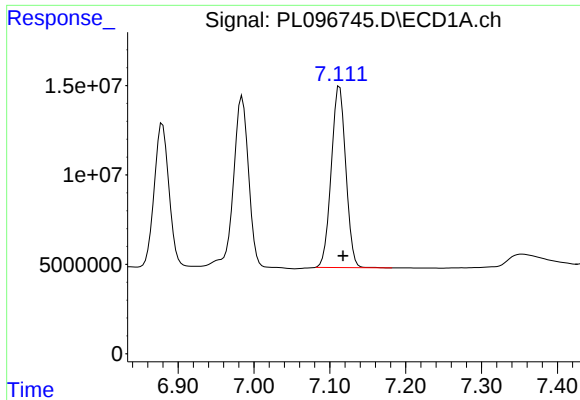
#18 Endrin aldehyde

R.T.: 6.879 min
Delta R.T.: -0.004 min
Response: 109222468
Conc: 50.90 ng/ml



#18 Endrin aldehyde

R.T.: 6.176 min
Delta R.T.: -0.003 min
Response: 203857318
Conc: 55.24 ng/ml



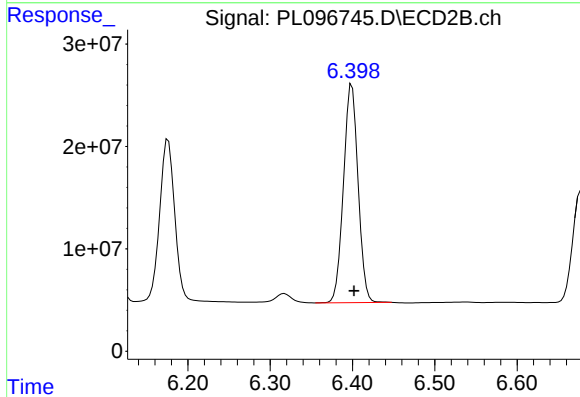
#19 Endosulfan Sulfate

R.T.: 7.113 min
Delta R.T.: -0.005 min
Response: 134994894
Conc: 46.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

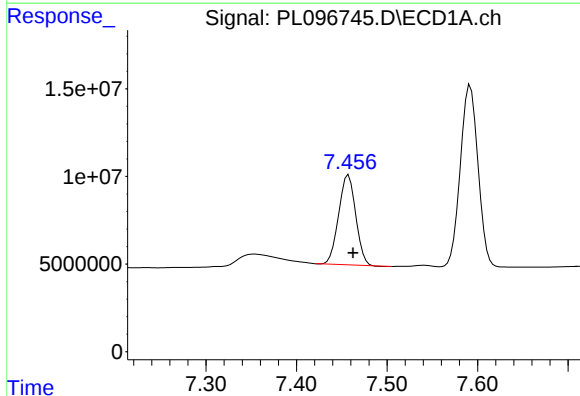
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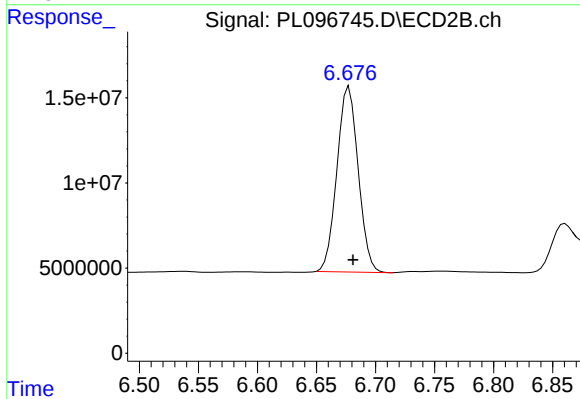
#19 Endosulfan Sulfate

R.T.: 6.399 min
Delta R.T.: -0.003 min
Response: 263723489
Conc: 51.85 ng/ml



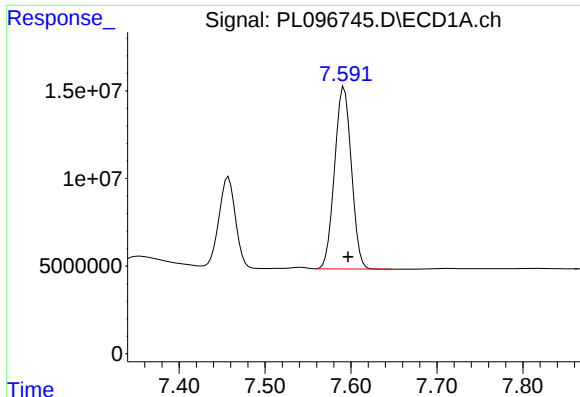
#20 Methoxychlor

R.T.: 7.457 min
Delta R.T.: -0.005 min
Response: 67212982
Conc: 45.77 ng/ml



#20 Methoxychlor

R.T.: 6.678 min
Delta R.T.: -0.003 min
Response: 136493729
Conc: 49.81 ng/ml



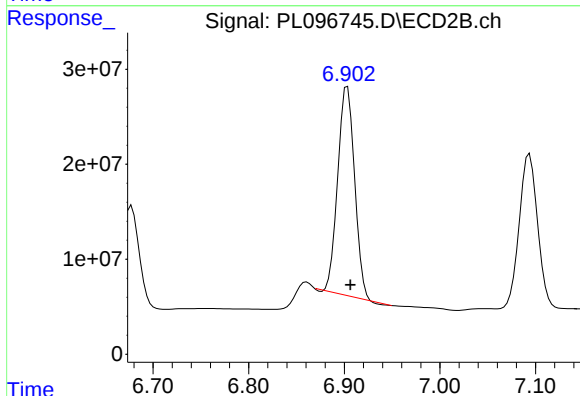
#21 Endrin ketone

R.T.: 7.592 min
Delta R.T.: -0.005 min
Response: 140857405
Conc: 46.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

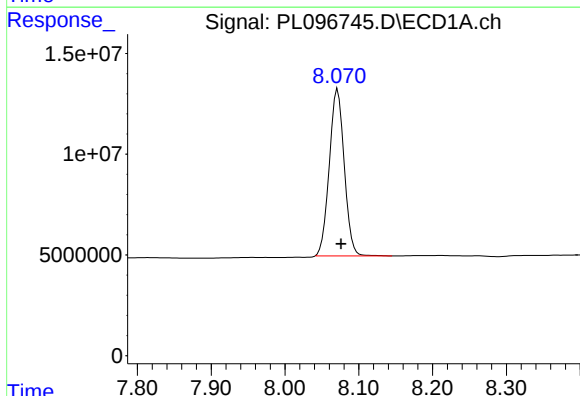
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/08/2025
Supervised By :mohammad ahmed 08/11/2025



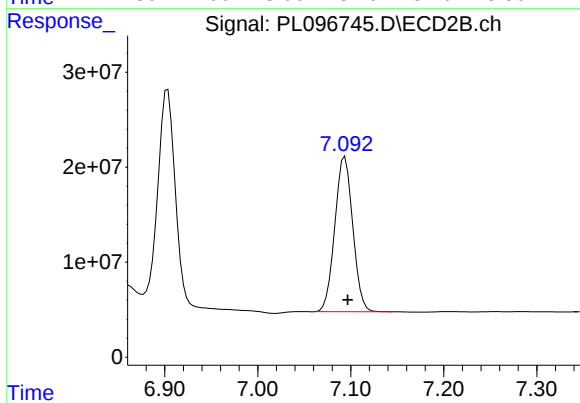
#21 Endrin ketone

R.T.: 6.903 min
Delta R.T.: -0.003 min
Response: 266729025
Conc: 47.89 ng/ml



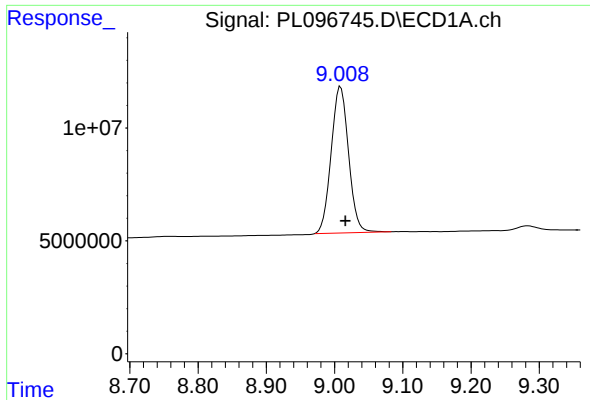
#22 Mirex

R.T.: 8.071 min
Delta R.T.: -0.004 min
Response: 116530956
Conc: 47.00 ng/ml



#22 Mirex

R.T.: 7.094 min
Delta R.T.: -0.003 min
Response: 218859114
Conc: 50.19 ng/ml



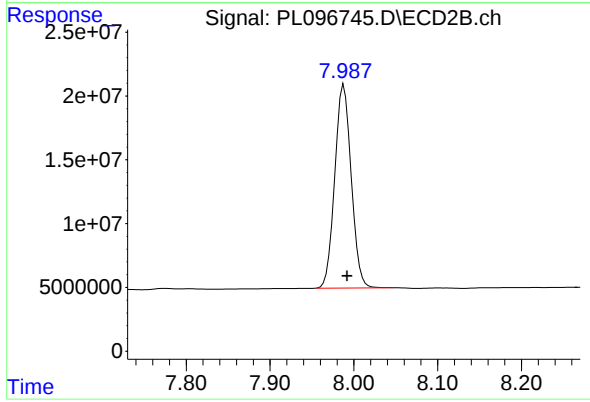
#28 Decachlorobiphenyl

R.T.: 9.009 min
Delta R.T.: -0.007 min
Response: 114715942
Conc: 48.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.988 min
Delta R.T.: -0.004 min
Response: 217077416
Conc: 50.04 ng/ml