

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080625\
 Data File : PL096719.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2025 13:04
 Operator : AR\AJ
 Sample : PB169118BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB169118BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/07/2025
 Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 22:29:41 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. : 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...	3.532	2.825	59351831	101.4E6	18.659	21.217
28)	SA Decachlor...	9.010	7.988	47055573	95456337	19.733	22.003
Target Compounds							
2)	A alpha-BHC	3.979	3.331	226.2E6	388.0E6	48.888	54.820
3)	MA gamma-BHC...	4.307	3.663	214.2E6	360.6E6	48.424	54.609
4)	MA Heptachlor	4.899	4.011	211.2E6	354.3E6	50.820	53.184
5)	MB Aldrin	5.239	4.294	204.6E6	334.0E6	47.571	53.814
6)	B beta-BHC	4.494	3.959	88998087	149.8E6	49.307	53.088
7)	B delta-BHC	4.738	4.192	197.2E6	351.8E6	49.423m	54.345
8)	B Heptachlo...	5.658	4.796	188.3E6	301.2E6	48.818	52.731
9)	A Endosulfan I	6.040	5.167	169.9E6	280.6E6	47.244	50.728
10)	B gamma-Chl...	5.912	5.048	183.9E6	315.9E6	48.324	53.729
11)	B alpha-Chl...	5.992	5.112	182.8E6	308.6E6	47.432	52.316
12)	B 4,4'-DDE	6.163	5.301	149.4E6	292.2E6	46.524	52.994
13)	MA Dieldrin	6.312	5.432	175.1E6	310.9E6	47.174	52.642
14)	MA Endrin	6.538	5.706	146.6E6	281.7E6	48.439	52.104
15)	B Endosulfa...	6.751	5.998	138.5E6	268.3E6	43.240	52.239
16)	A 4,4'-DDD	6.671	5.853	118.2E6	246.6E6	46.760	52.408
17)	MA 4,4'-DDT	6.985	6.106	134.0E6	260.2E6	46.738	51.446
18)	B Endrin al...	6.880	6.176	113.3E6	220.2E6	52.785	59.951
19)	B Endosulfa...	7.113	6.399	135.0E6	266.2E6	46.965	52.337
20)	A Methoxychlor	7.458	6.678	67375902	139.3E6	45.885	50.821
21)	B Endrin ke...	7.593	6.903	140.3E6	283.2E6	46.647	50.838
22)	Mirex	8.071	7.094	112.4E6	219.7E6	45.351	50.369

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080625\
Data File : PL096719.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2025 13:04
Operator : AR\AJ
Sample : PB169118BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

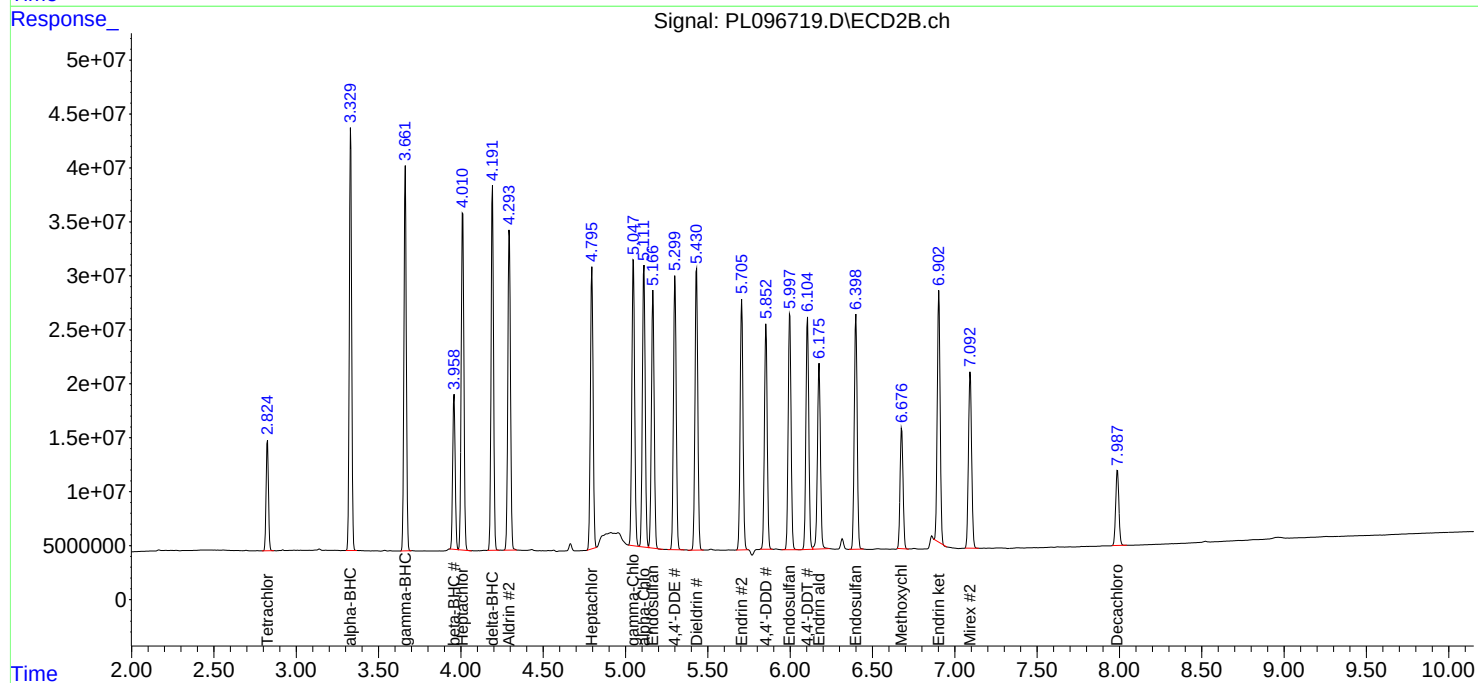
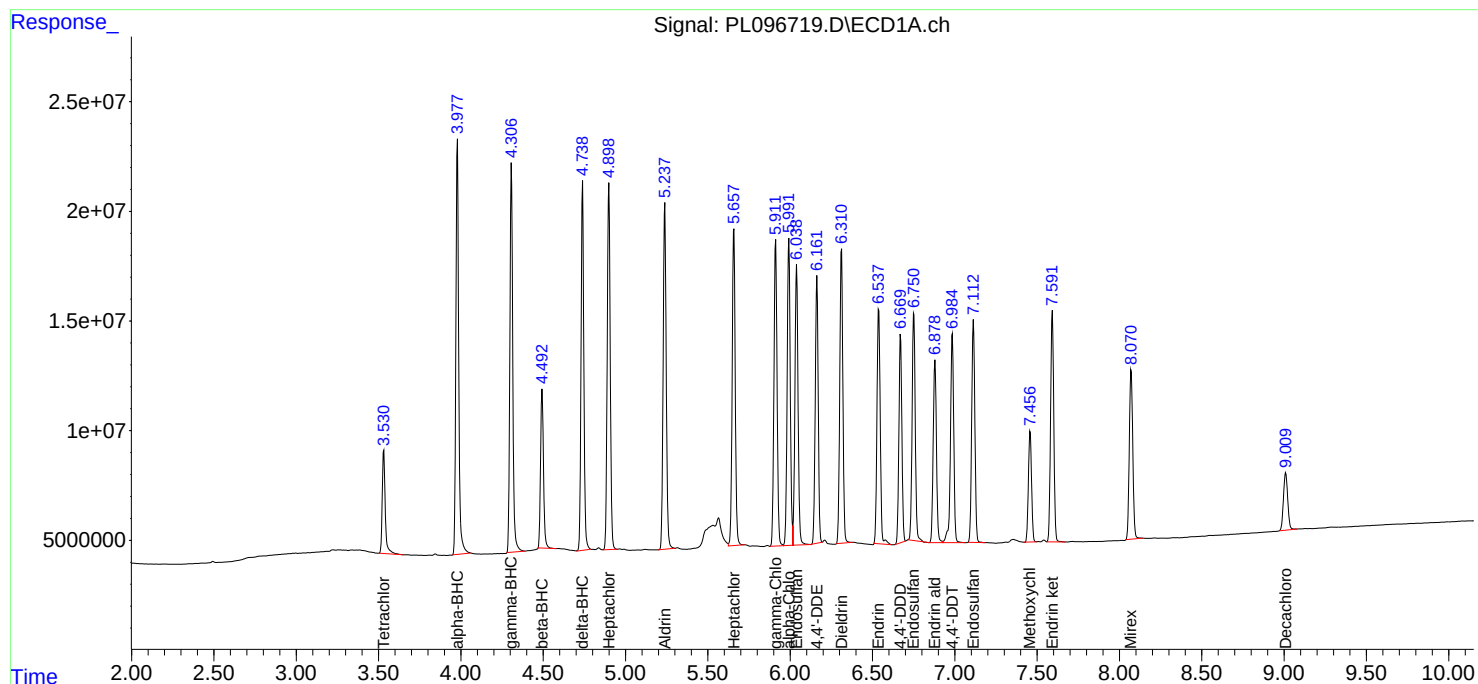
Instrument :
ECD_L
ClientSampleId :
PB169118BS

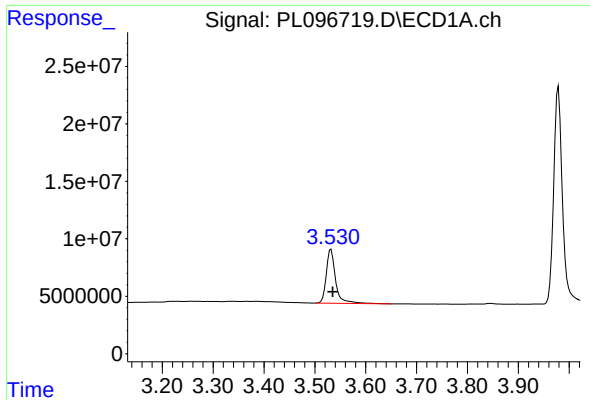
Manual Integrations
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Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 22:29:41 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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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





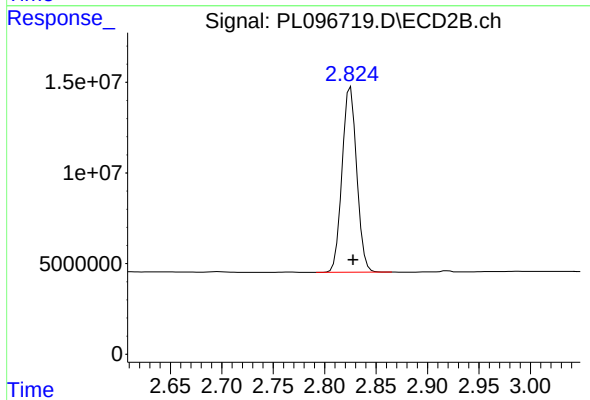
#1 Tetrachloro-m-xylene

R.T.: 3.532 min
Delta R.T.: -0.003 min
Response: 59351831
Conc: 18.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169118BS

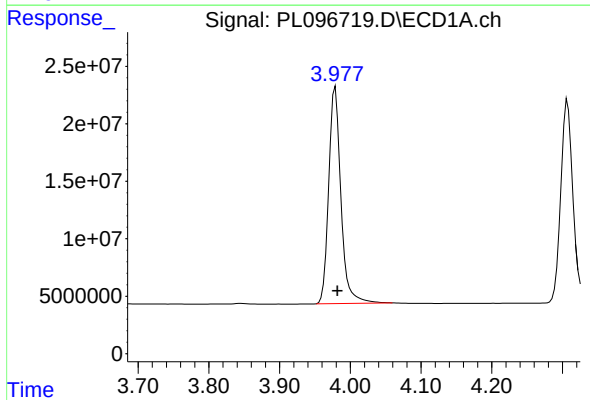
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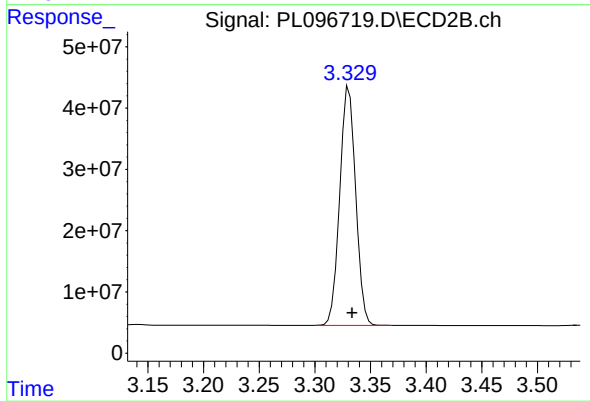
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: -0.002 min
Response: 101369759
Conc: 21.22 ng/ml



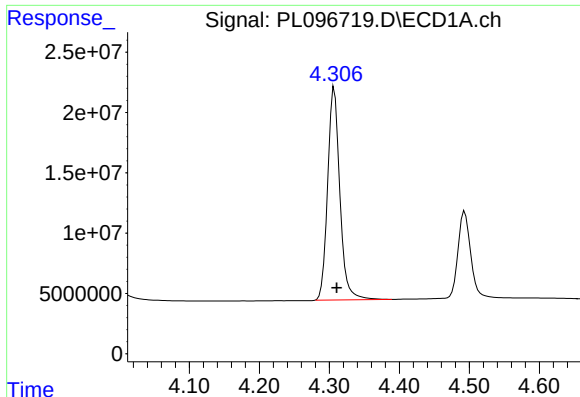
#2 alpha-BHC

R.T.: 3.979 min
Delta R.T.: -0.003 min
Response: 226174705
Conc: 48.89 ng/ml



#2 alpha-BHC

R.T.: 3.331 min
Delta R.T.: -0.003 min
Response: 387965293
Conc: 54.82 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.307 min
Delta R.T.: -0.003 min
Response: 214201426
Conc: 48.42 ng/ml

Instrument :

ECD_L

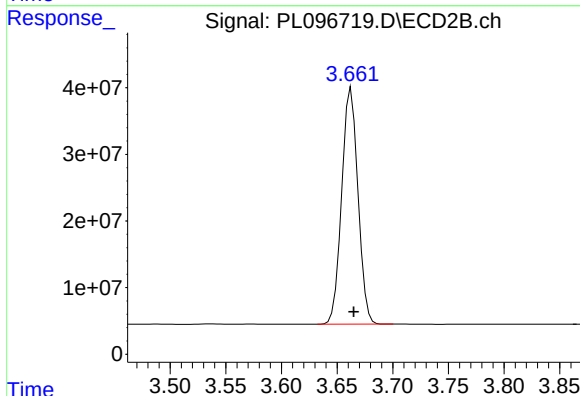
ClientSampleId :

PB169118BS

Manual Integrations

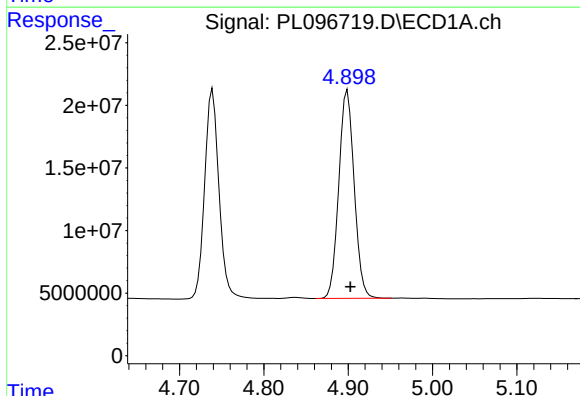
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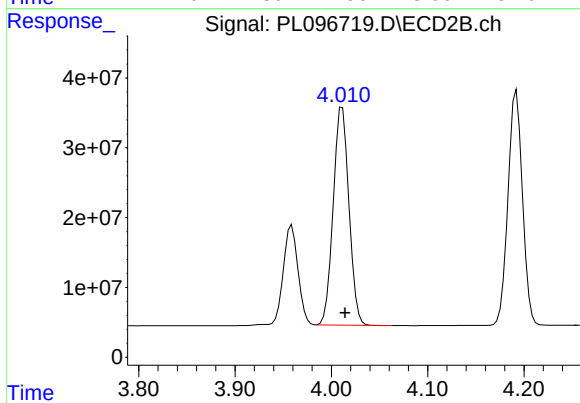
#3 gamma-BHC (Lindane)

R.T.: 3.663 min
Delta R.T.: -0.002 min
Response: 360599646
Conc: 54.61 ng/ml



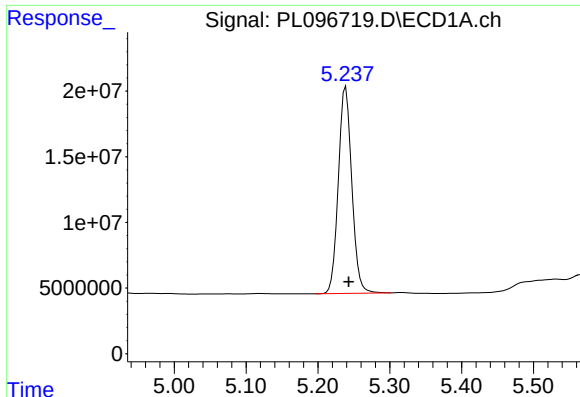
#4 Heptachlor

R.T.: 4.899 min
Delta R.T.: -0.004 min
Response: 211190383
Conc: 50.82 ng/ml



#4 Heptachlor

R.T.: 4.011 min
Delta R.T.: -0.003 min
Response: 354311110
Conc: 53.18 ng/ml



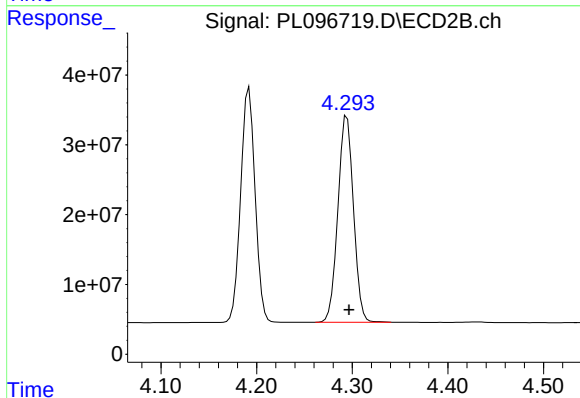
#5 Aldrin

R.T.: 5.239 min
Delta R.T.: -0.004 min
Response: 204604848
Conc: 47.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169118BS

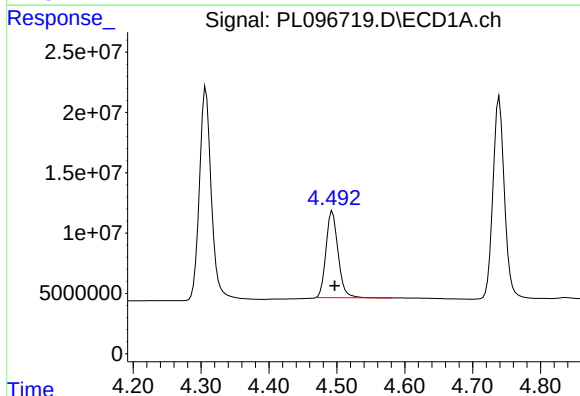
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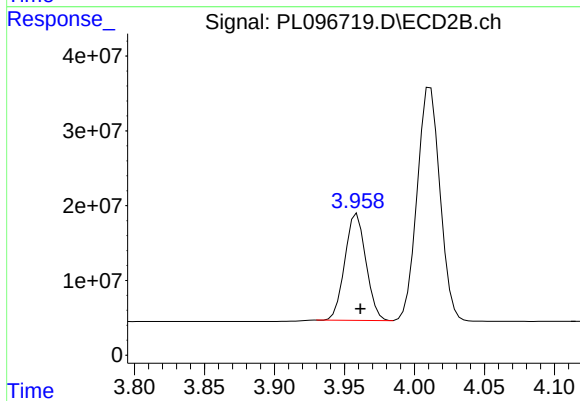
#5 Aldrin

R.T.: 4.294 min
Delta R.T.: -0.002 min
Response: 334024395
Conc: 53.81 ng/ml



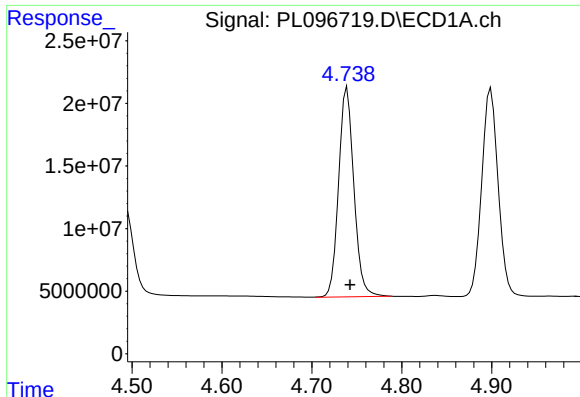
#6 beta-BHC

R.T.: 4.494 min
Delta R.T.: -0.004 min
Response: 88998087
Conc: 49.31 ng/ml



#6 beta-BHC

R.T.: 3.959 min
Delta R.T.: -0.002 min
Response: 149756370
Conc: 53.09 ng/ml



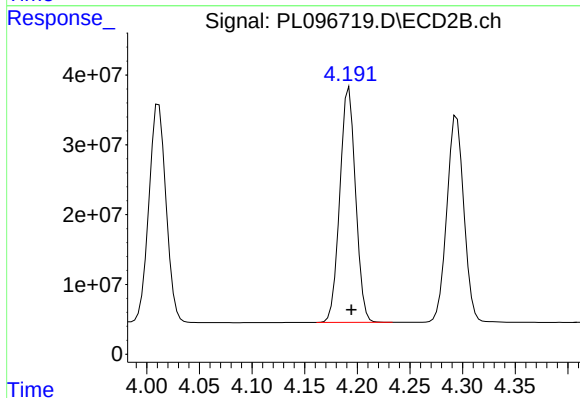
#7 delta-BHC

R.T.: 4.738 min
Delta R.T.: -0.005 min
Response: 197192808
Conc: 49.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169118BS

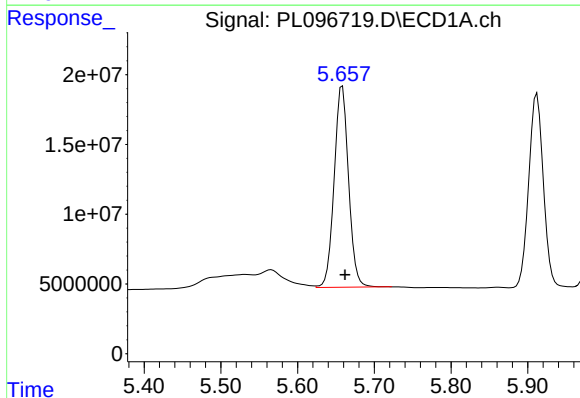
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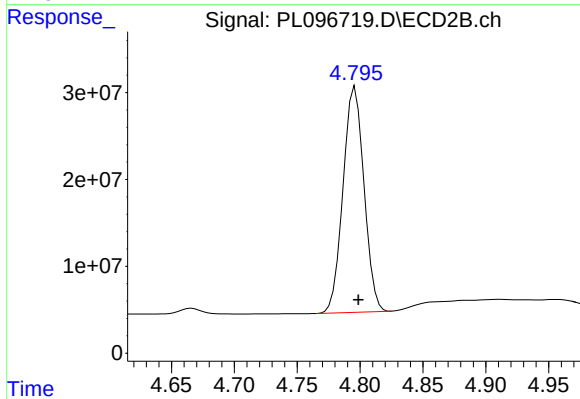
#7 delta-BHC

R.T.: 4.192 min
Delta R.T.: -0.002 min
Response: 351812002
Conc: 54.35 ng/ml



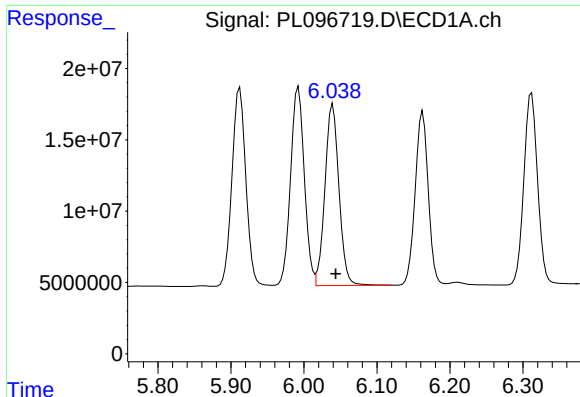
#8 Heptachlor epoxide

R.T.: 5.658 min
Delta R.T.: -0.004 min
Response: 188266870
Conc: 48.82 ng/ml



#8 Heptachlor epoxide

R.T.: 4.796 min
Delta R.T.: -0.003 min
Response: 301163448
Conc: 52.73 ng/ml



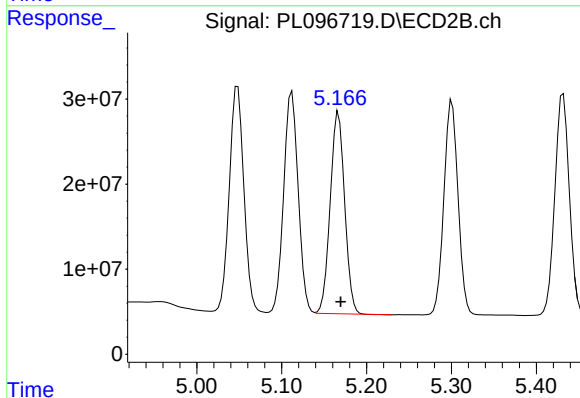
#9 Endosulfan I

R.T.: 6.040 min
Delta R.T.: -0.004 min
Response: 169907198
Conc: 47.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169118BS

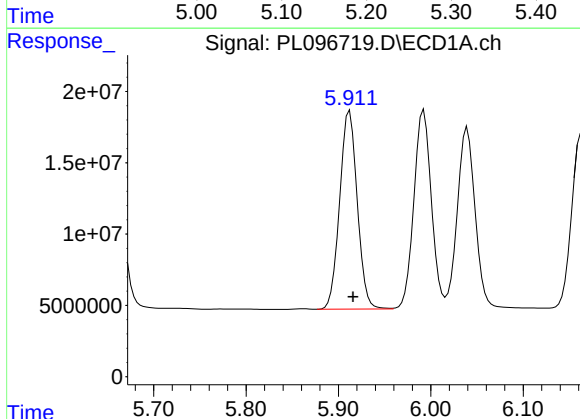
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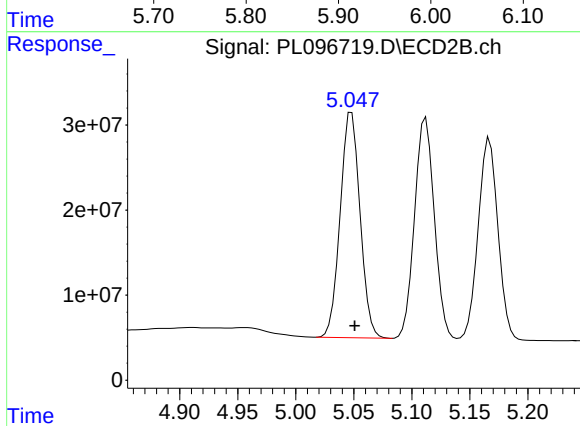
#9 Endosulfan I

R.T.: 5.167 min
Delta R.T.: -0.003 min
Response: 280598344
Conc: 50.73 ng/ml



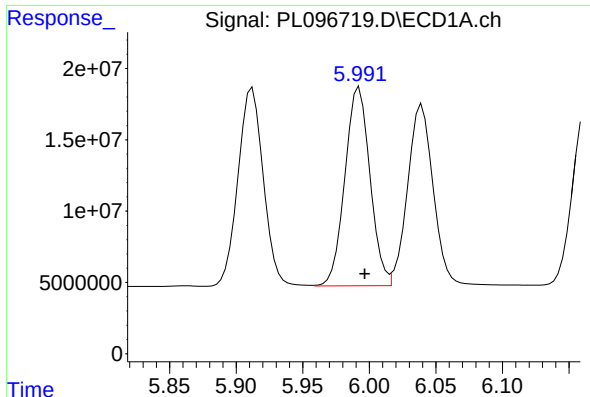
#10 gamma-Chlordane

R.T.: 5.912 min
Delta R.T.: -0.004 min
Response: 183885174
Conc: 48.32 ng/ml



#10 gamma-Chlordane

R.T.: 5.048 min
Delta R.T.: -0.003 min
Response: 315934607
Conc: 53.73 ng/ml



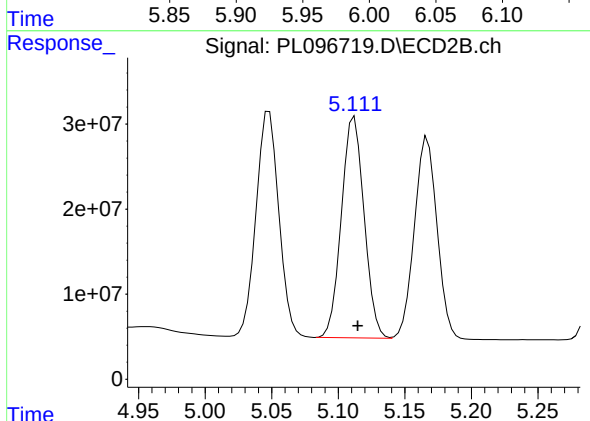
#11 alpha-Chlordane

R.T.: 5.992 min
Delta R.T.: -0.004 min
Response: 182834931
Conc: 47.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169118BS

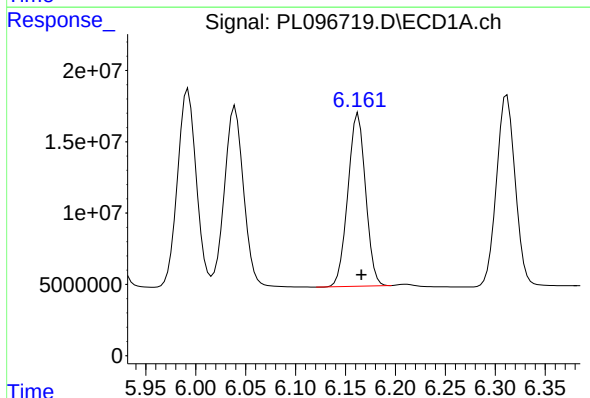
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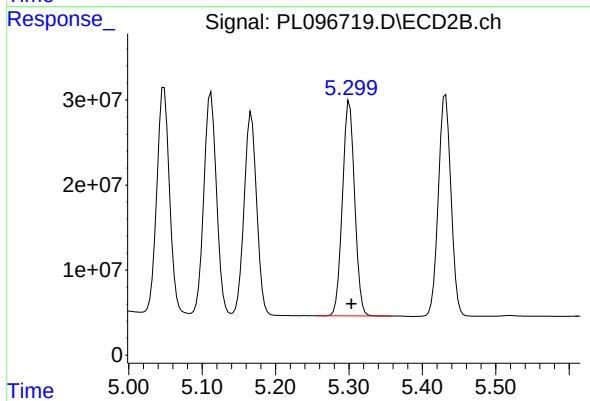
#11 alpha-Chlordane

R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 308606338
Conc: 52.32 ng/ml



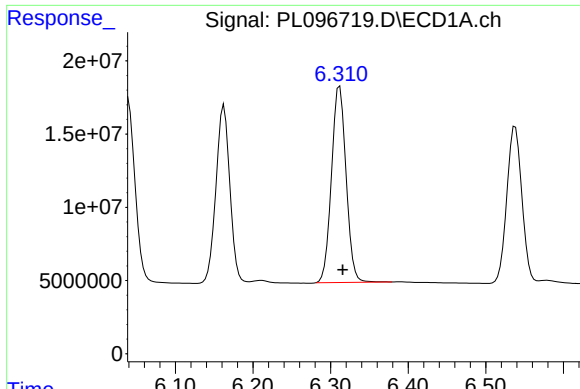
#12 4,4'-DDE

R.T.: 6.163 min
Delta R.T.: -0.003 min
Response: 149398978
Conc: 46.52 ng/ml



#12 4,4'-DDE

R.T.: 5.301 min
Delta R.T.: -0.003 min
Response: 292232018
Conc: 52.99 ng/ml



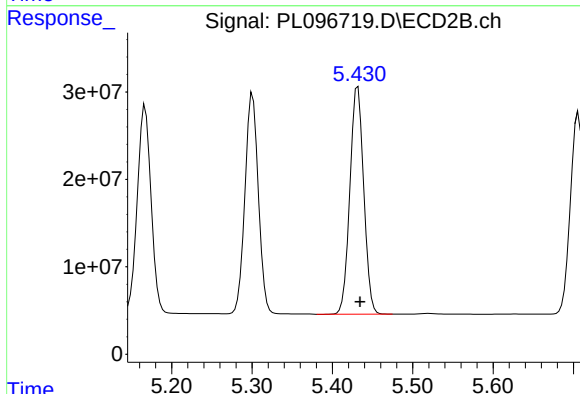
#13 Dieldrin

R.T.: 6.312 min
Delta R.T.: -0.004 min
Response: 175070147
Conc: 47.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169118BS

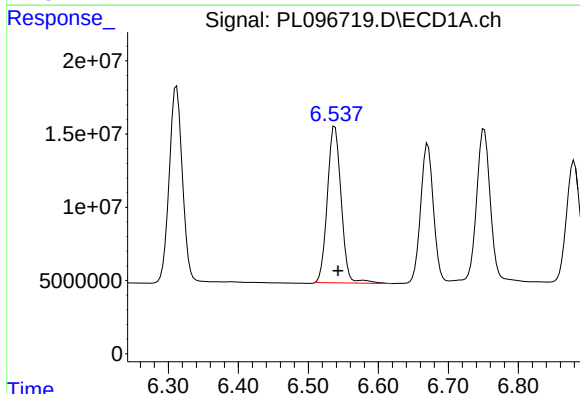
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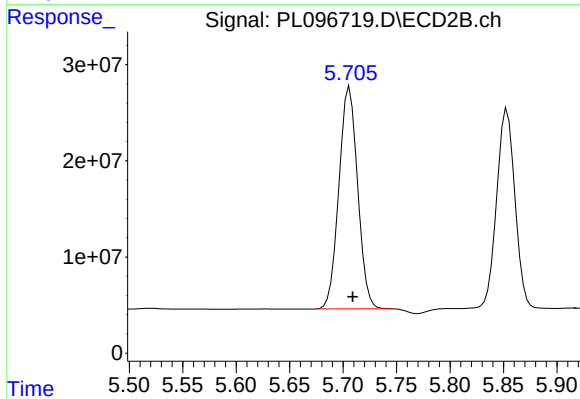
#13 Dieldrin

R.T.: 5.432 min
Delta R.T.: -0.003 min
Response: 310931590
Conc: 52.64 ng/ml



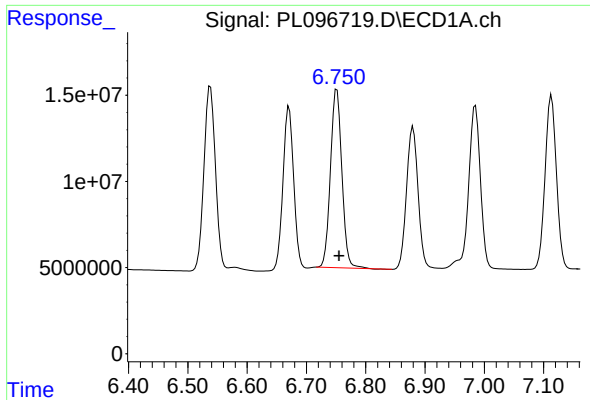
#14 Endrin

R.T.: 6.538 min
Delta R.T.: -0.004 min
Response: 146613824
Conc: 48.44 ng/ml



#14 Endrin

R.T.: 5.706 min
Delta R.T.: -0.003 min
Response: 281674644
Conc: 52.10 ng/ml



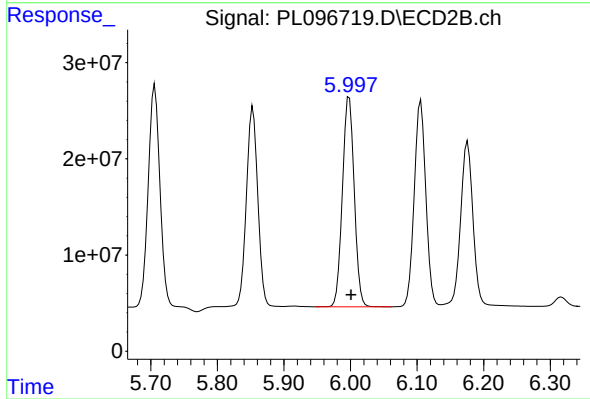
#15 Endosulfan II

R.T.: 6.751 min
Delta R.T.: -0.004 min
Response: 138481474
Conc: 43.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169118BS

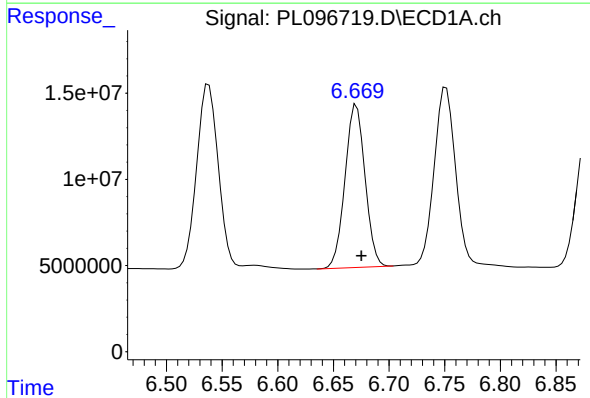
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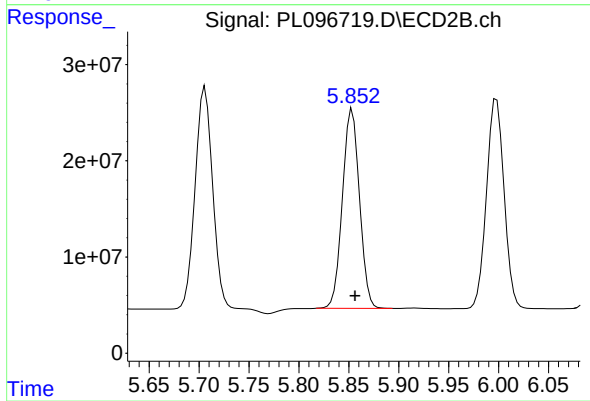
#15 Endosulfan II

R.T.: 5.998 min
Delta R.T.: -0.003 min
Response: 268313123
Conc: 52.24 ng/ml



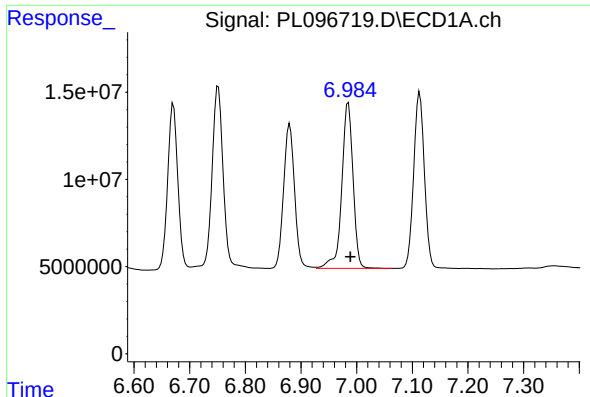
#16 4,4'-DDD

R.T.: 6.671 min
Delta R.T.: -0.004 min
Response: 118226497
Conc: 46.76 ng/ml



#16 4,4'-DDD

R.T.: 5.853 min
Delta R.T.: -0.003 min
Response: 246594222
Conc: 52.41 ng/ml



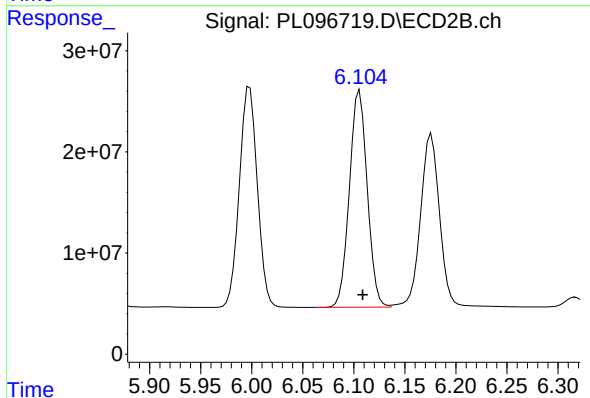
#17 4,4'-DDT

R.T.: 6.985 min
Delta R.T.: -0.004 min
Response: 134028837
Conc: 46.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169118BS

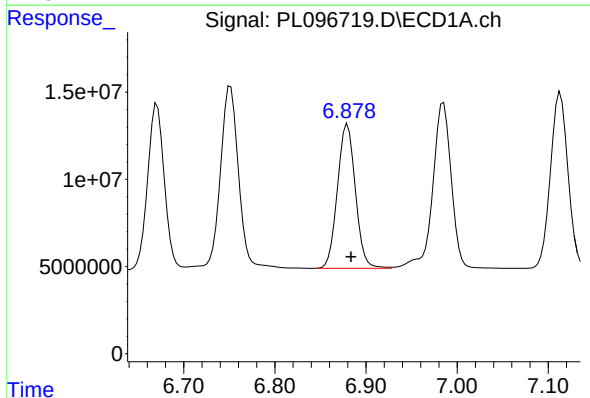
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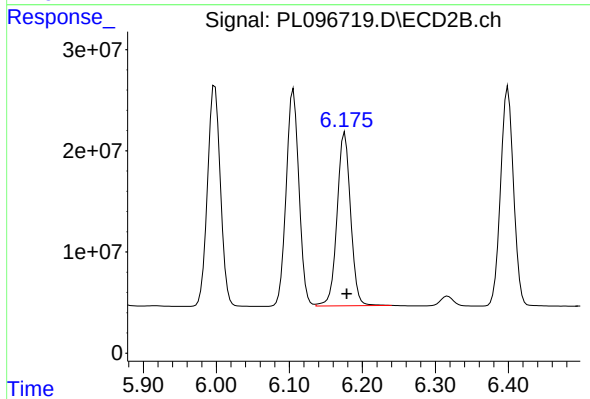
#17 4,4'-DDT

R.T.: 6.106 min
Delta R.T.: -0.003 min
Response: 260228118
Conc: 51.45 ng/ml



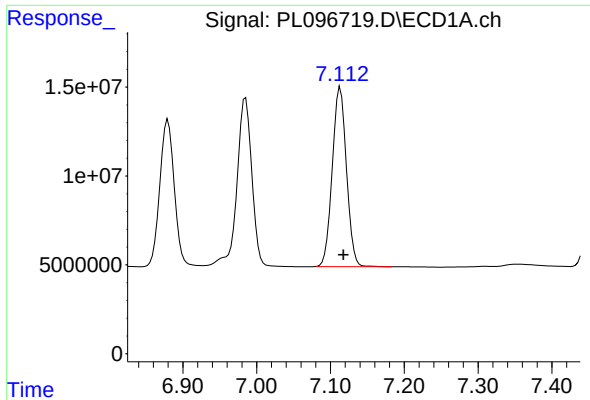
#18 Endrin aldehyde

R.T.: 6.880 min
Delta R.T.: -0.004 min
Response: 113273023
Conc: 52.79 ng/ml



#18 Endrin aldehyde

R.T.: 6.176 min
Delta R.T.: -0.003 min
Response: 220197279
Conc: 59.95 ng/ml



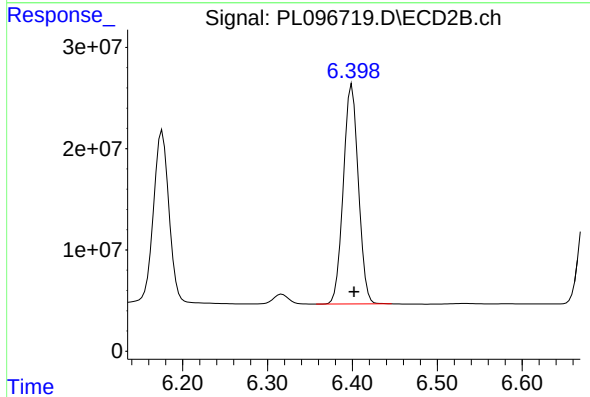
#19 Endosulfan Sulfate

R.T.: 7.113 min
Delta R.T.: -0.004 min
Response: 134962601
Conc: 46.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169118BS

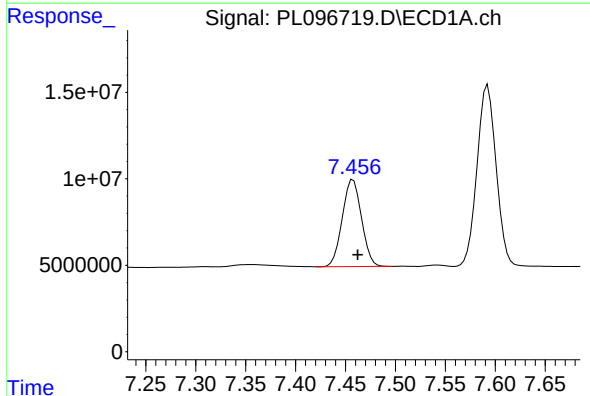
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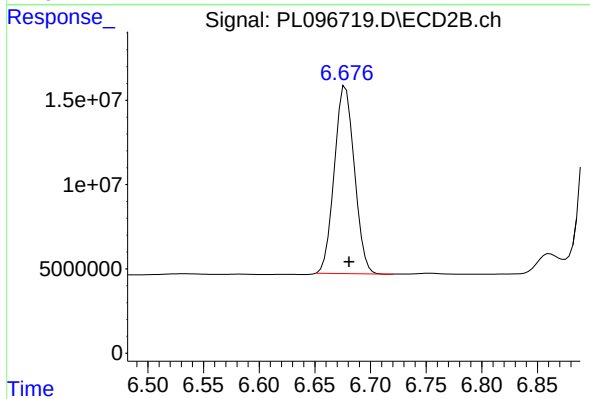
#19 Endosulfan Sulfate

R.T.: 6.399 min
Delta R.T.: -0.003 min
Response: 266196829
Conc: 52.34 ng/ml



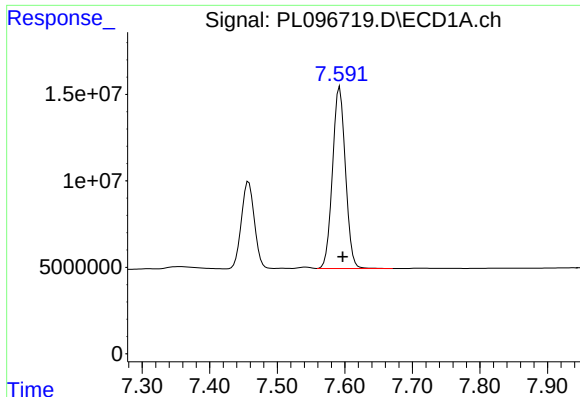
#20 Methoxychlor

R.T.: 7.458 min
Delta R.T.: -0.005 min
Response: 67375902
Conc: 45.89 ng/ml



#20 Methoxychlor

R.T.: 6.678 min
Delta R.T.: -0.003 min
Response: 139274261
Conc: 50.82 ng/ml



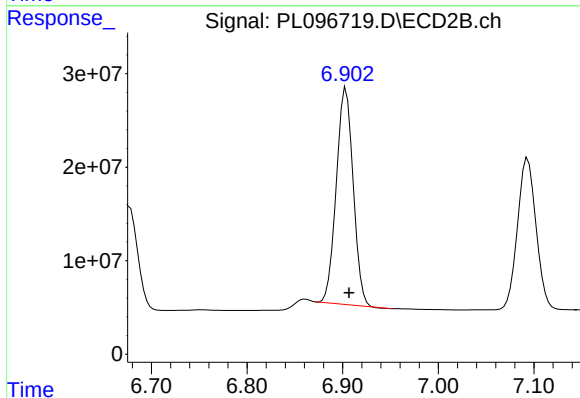
#21 Endrin ketone

R.T.: 7.593 min
Delta R.T.: -0.004 min
Response: 140255070
Conc: 46.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169118BS

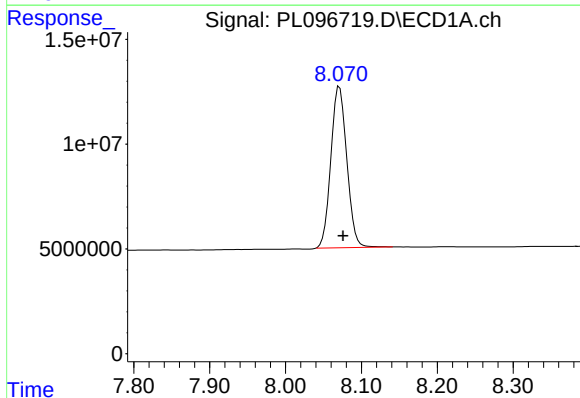
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Reviewed By :Abdul Mirza 08/07/2025
Supervised By :mohammad ahmed 08/08/2025



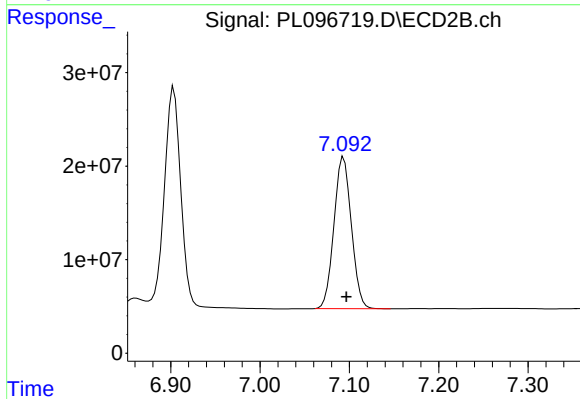
#21 Endrin ketone

R.T.: 6.903 min
Delta R.T.: -0.003 min
Response: 283153015
Conc: 50.84 ng/ml



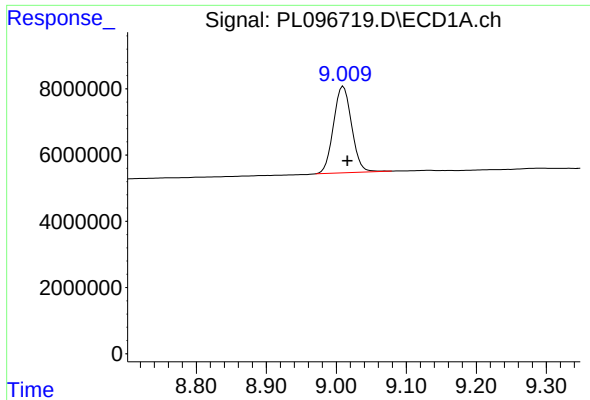
#22 Mirex

R.T.: 8.071 min
Delta R.T.: -0.005 min
Response: 112440342
Conc: 45.35 ng/ml



#22 Mirex

R.T.: 7.094 min
Delta R.T.: -0.003 min
Response: 219653665
Conc: 50.37 ng/ml



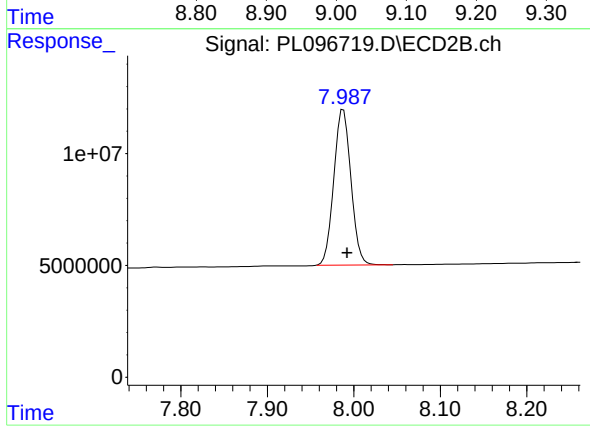
#28 Decachlorobiphenyl

R.T.: 9.010 min
Delta R.T.: -0.006 min
Response: 47055573
Conc: 19.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169118BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/07/2025
Supervised By :mohammad ahmed 08/08/2025



#28 Decachlorobiphenyl

R.T.: 7.988 min
Delta R.T.: -0.004 min
Response: 95456337
Conc: 22.00 ng/ml