

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041025\
 Data File : PL095177.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Apr 2025 18:48
 Operator : AR\AJ
 Sample : PB167535BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167535BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/11/2025
 Supervised By :mohammad ahmed 04/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 20:36:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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...	3.534	2.767	79369465	110.4E6	28.039	30.922
28)	SA Decachlor...	9.047	7.898	63164962	100.7E6	29.972	24.926
Target Compounds							
2)	A alpha-BHC	3.990	3.269	246.9E6	390.5E6	59.453	72.423
3)	MA gamma-BHC...	4.322	3.598	235.1E6	357.1E6	58.925	69.473
4)	MA Heptachlor	4.910	3.935	219.2E6	348.9E6	56.474	66.218
5)	MB Aldrin	5.251	4.215	207.7E6	318.7E6	56.255	65.348
6)	B beta-BHC	4.522	3.899	105.7E6	152.0E6	57.282	68.434
7)	B delta-BHC	4.768	4.127	237.6E6	337.5E6	61.019	67.472
8)	B Heptachlo...	5.678	4.717	189.9E6	293.2E6	56.765	64.047
9)	A Endosulfan I	6.063	5.085	180.1E6	268.0E6	58.668	61.072m
10)	B gamma-Chl...	5.934	4.967	194.6E6	311.8E6	57.747	64.571
11)	B alpha-Chl...	6.013	5.030	191.5E6	306.9E6	58.088	64.299
12)	B 4,4'-DDE	6.187	5.218	189.3E6	304.3E6	64.346	65.467m
13)	MA Dieldrin	6.339	5.349	190.1E6	304.4E6	59.448	62.730m
14)	MA Endrin	6.567	5.626	162.9E6	272.3E6	58.748m	62.396
15)	B Endosulfa...	6.788	5.919	164.0E6	265.1E6	60.420	61.245m
16)	A 4,4'-DDD	6.705	5.774	147.4E6	238.4E6	68.028	66.310
17)	MA 4,4'-DDT	7.018	6.023	153.6E6	256.2E6	64.582	63.542
18)	B Endrin al...	6.919	6.100	127.0E6	199.6E6	60.179	59.310
19)	B Endosulfa...	7.153	6.323	145.2E6	253.3E6	59.718	62.192
20)	A Methoxychlor	7.494	6.598	79531659	134.1E6	66.438	63.237
21)	B Endrin ke...	7.638	6.826	158.4E6	294.9E6	59.919	61.784m
22)	Mirex	8.111	7.006	114.8E6	205.2E6	55.543	54.061

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041025\
Data File : PL095177.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Apr 2025 18:48
Operator : AR\AJ
Sample : PB167535BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB167535BS

Manual Integrations

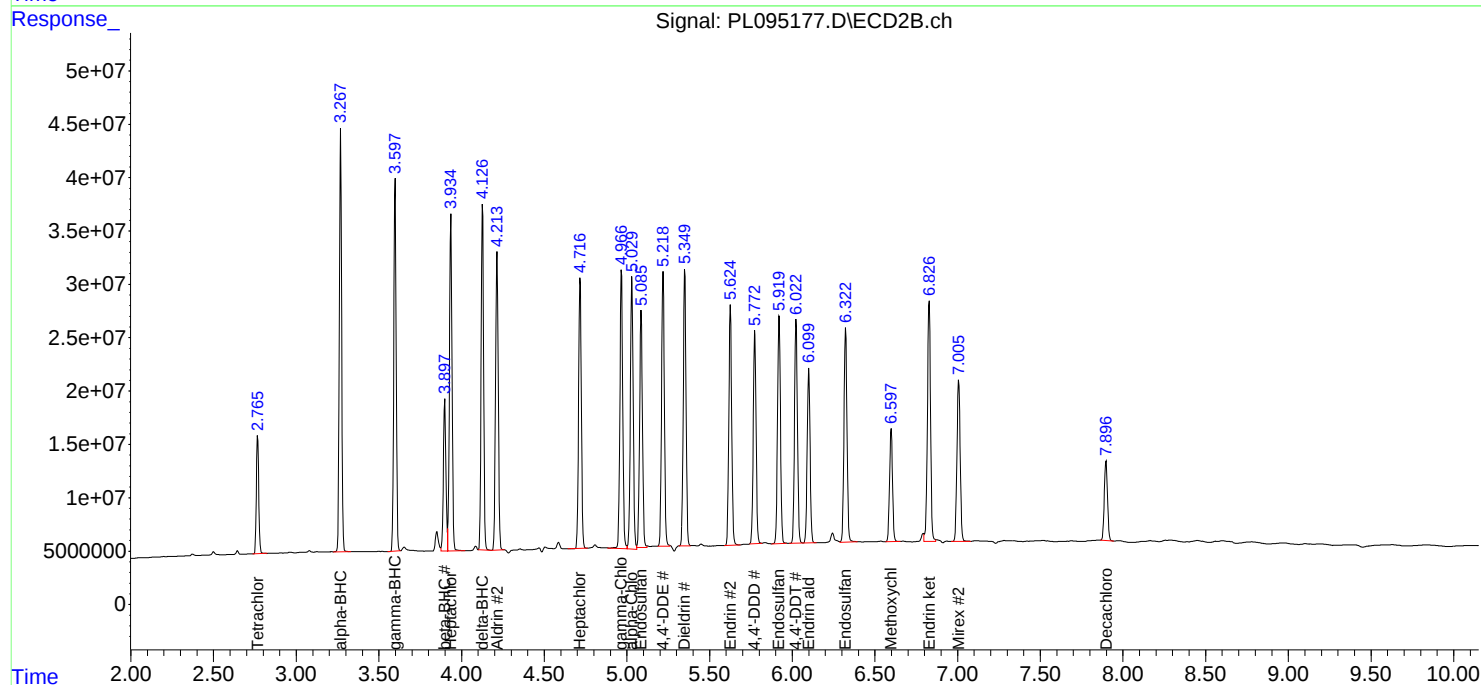
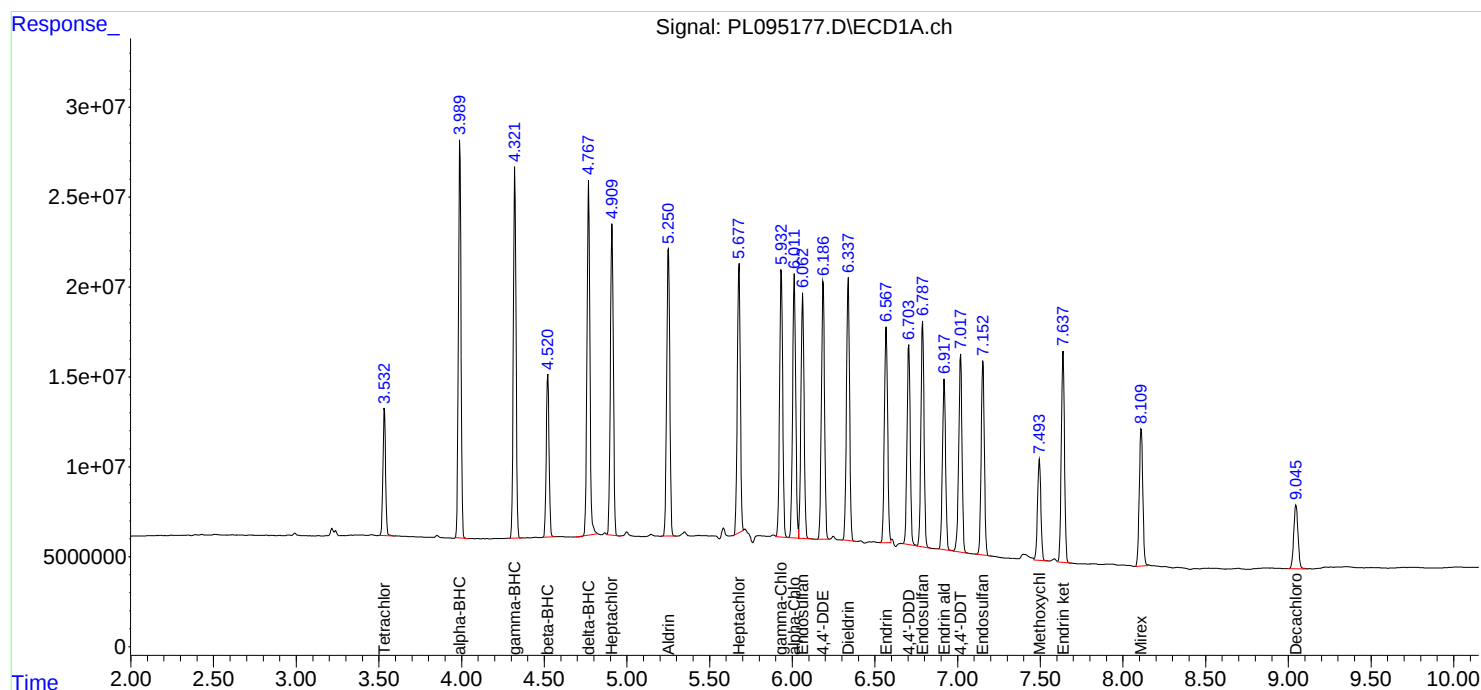
APPROVED

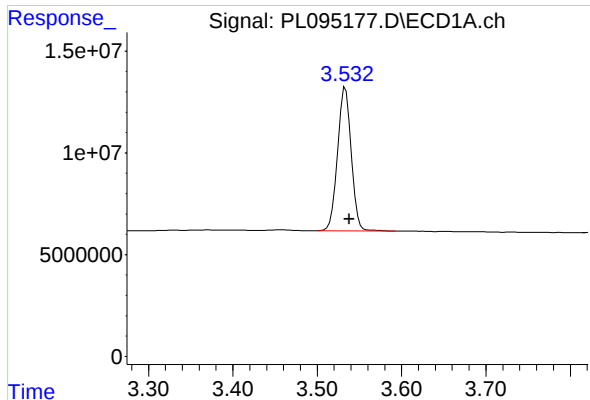
Reviewed By :Abdul Mirza 04/11/2025

Supervised By :mohammad ahmed 04/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 20:36:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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





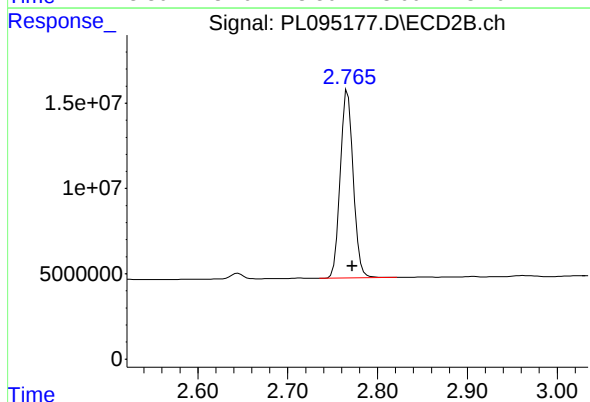
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.004 min
Response: 79369465
Conc: 28.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BS

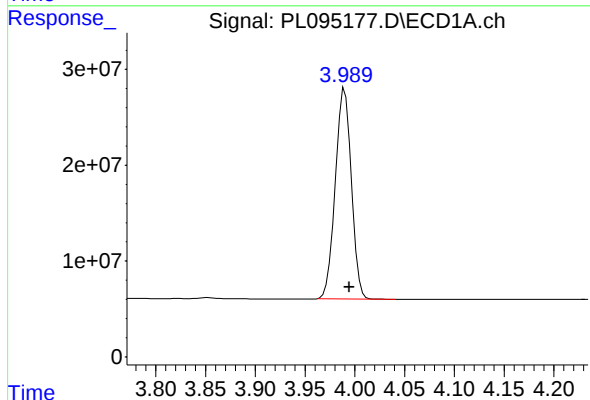
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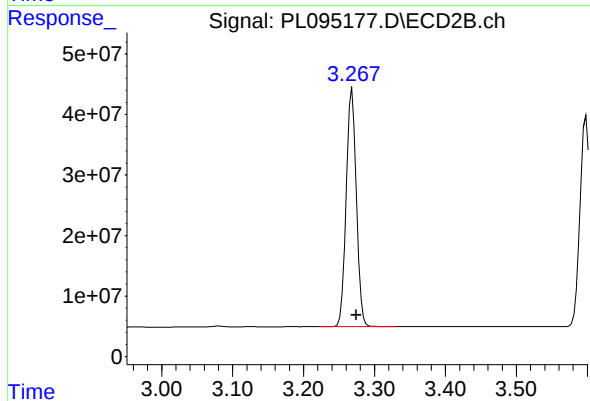
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: -0.005 min
Response: 110368960
Conc: 30.92 ng/ml



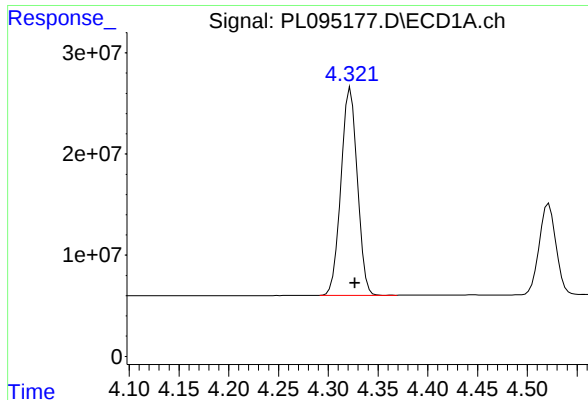
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: -0.004 min
Response: 246870984
Conc: 59.45 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: -0.006 min
Response: 390461083
Conc: 72.42 ng/ml



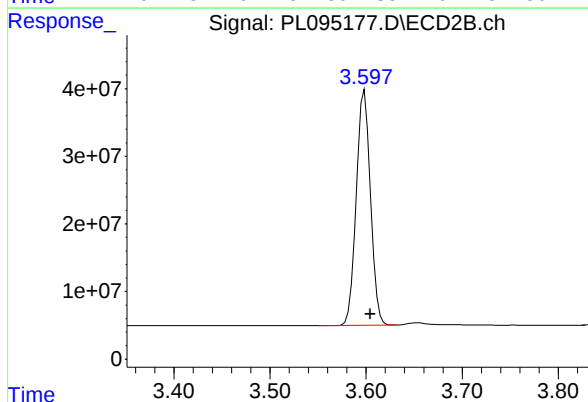
#3 gamma-BHC (Lindane)

R.T.: 4.322 min
Delta R.T.: -0.005 min
Response: 235125055
Conc: 58.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BS

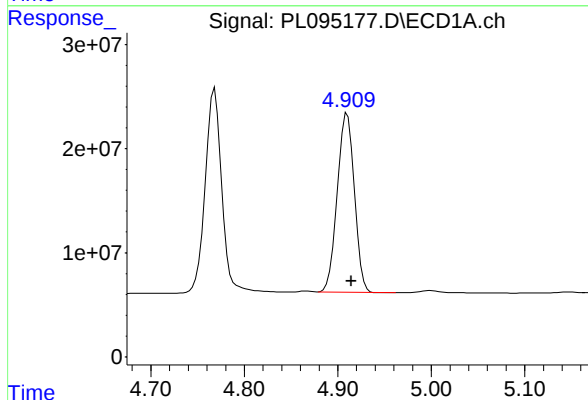
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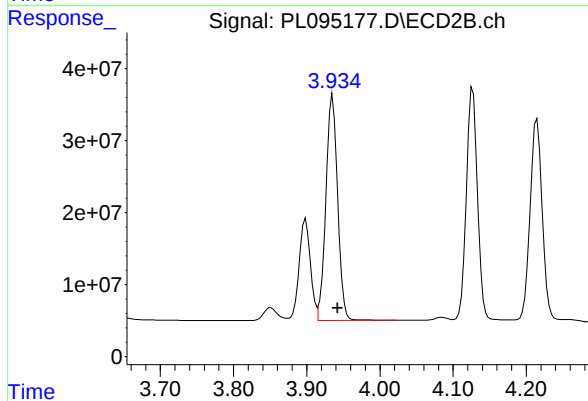
#3 gamma-BHC (Lindane)

R.T.: 3.598 min
Delta R.T.: -0.006 min
Response: 357054547
Conc: 69.47 ng/ml



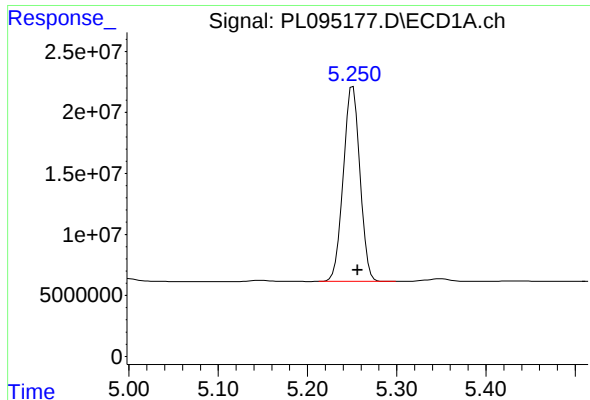
#4 Heptachlor

R.T.: 4.910 min
Delta R.T.: -0.004 min
Response: 219212489
Conc: 56.47 ng/ml



#4 Heptachlor

R.T.: 3.935 min
Delta R.T.: -0.007 min
Response: 348879565
Conc: 66.22 ng/ml



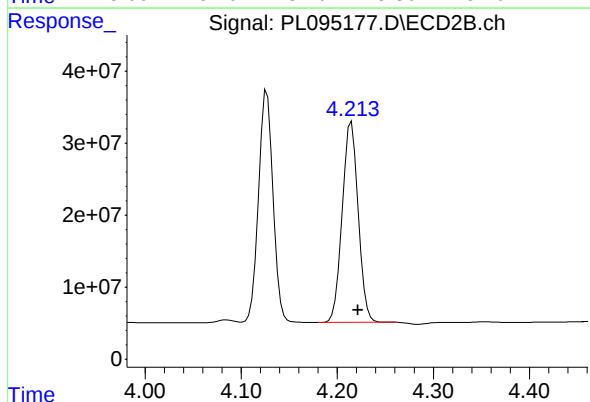
#5 Aldrin

R.T.: 5.251 min
Delta R.T.: -0.005 min
Response: 207705655
Conc: 56.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BS

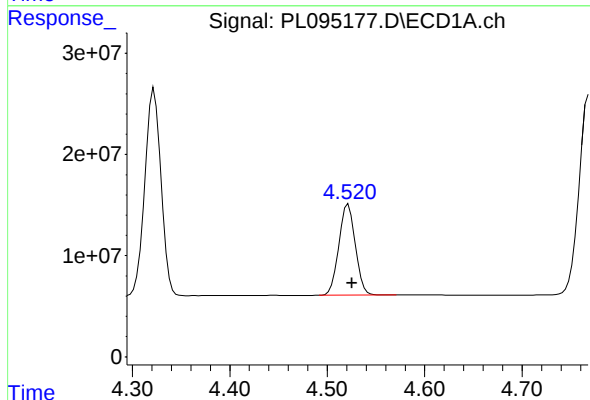
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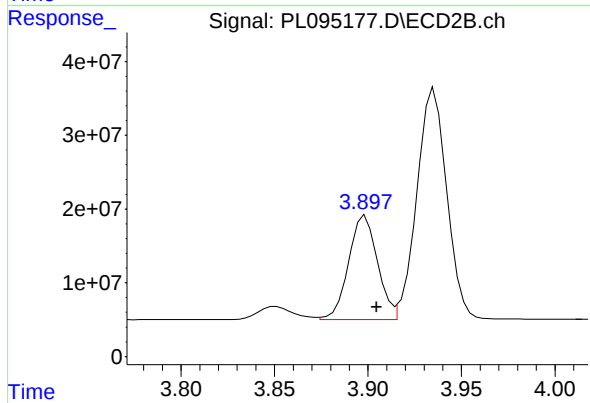
#5 Aldrin

R.T.: 4.215 min
Delta R.T.: -0.007 min
Response: 318657790
Conc: 65.35 ng/ml



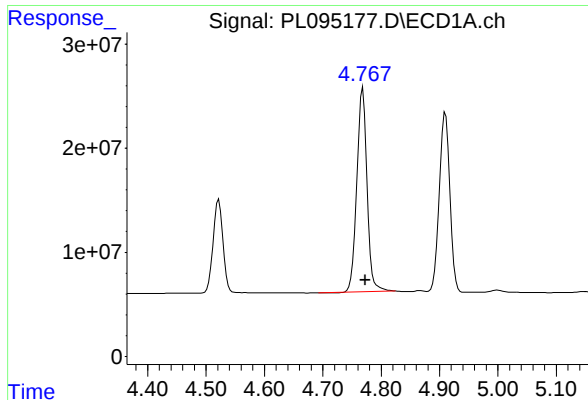
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: -0.004 min
Response: 105697817
Conc: 57.28 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: -0.006 min
Response: 152012013
Conc: 68.43 ng/ml



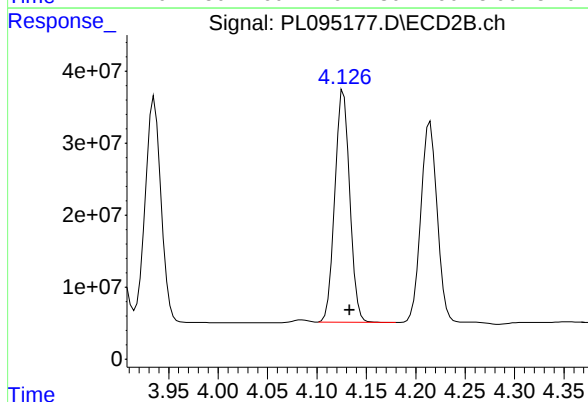
#7 delta-BHC

R.T.: 4.768 min
Delta R.T.: -0.004 min
Response: 237626341
Conc: 61.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BS

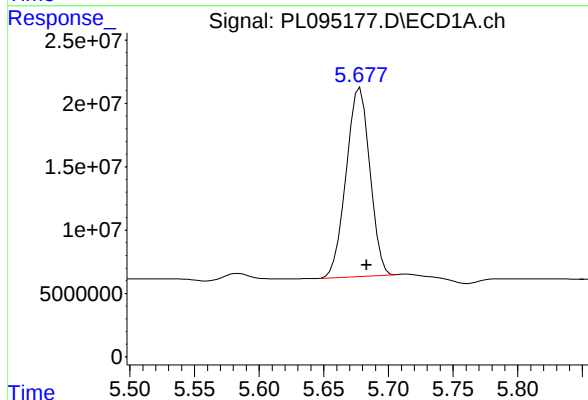
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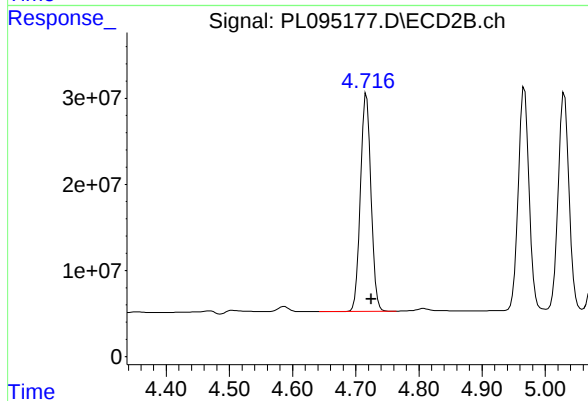
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: -0.006 min
Response: 337494436
Conc: 67.47 ng/ml



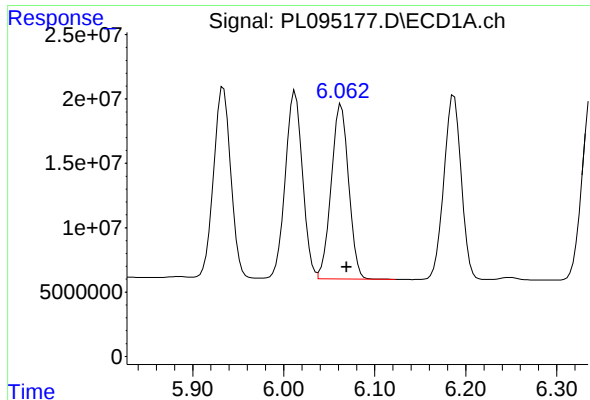
#8 Heptachlor epoxide

R.T.: 5.678 min
Delta R.T.: -0.005 min
Response: 189891158
Conc: 56.77 ng/ml



#8 Heptachlor epoxide

R.T.: 4.717 min
Delta R.T.: -0.008 min
Response: 293244692
Conc: 64.05 ng/ml



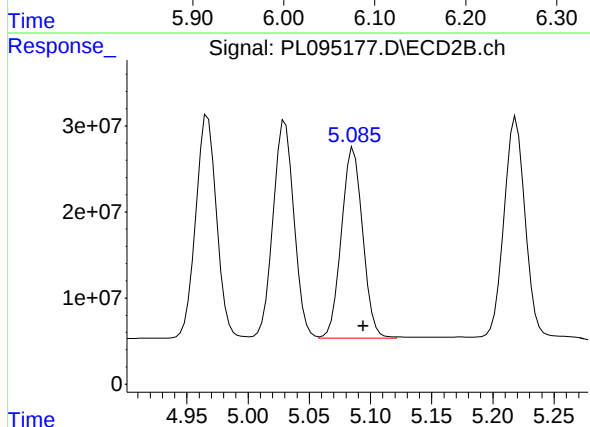
#9 Endosulfan I

R.T.: 6.063 min
Delta R.T.: -0.006 min
Response: 180123946
Conc: 58.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BS

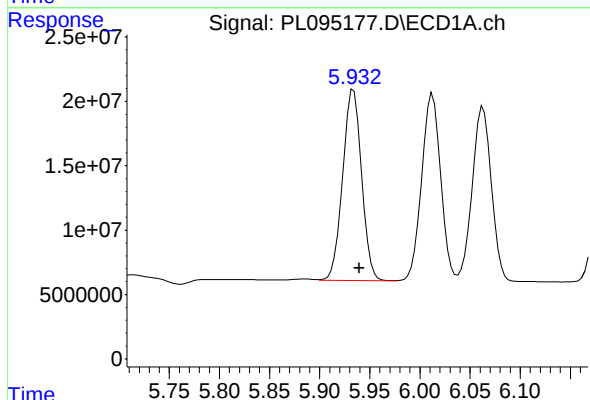
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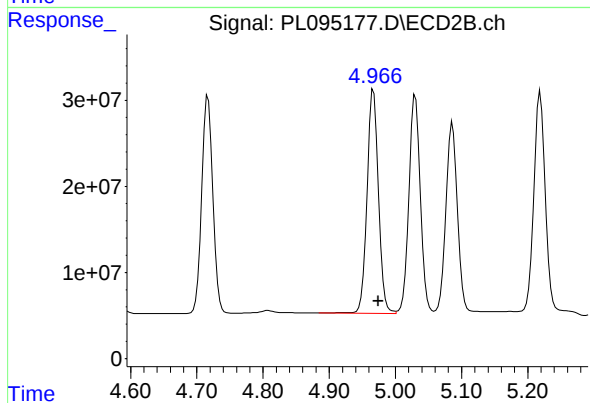
#9 Endosulfan I

R.T.: 5.085 min
Delta R.T.: -0.009 min
Response: 268029535
Conc: 61.07 ng/ml



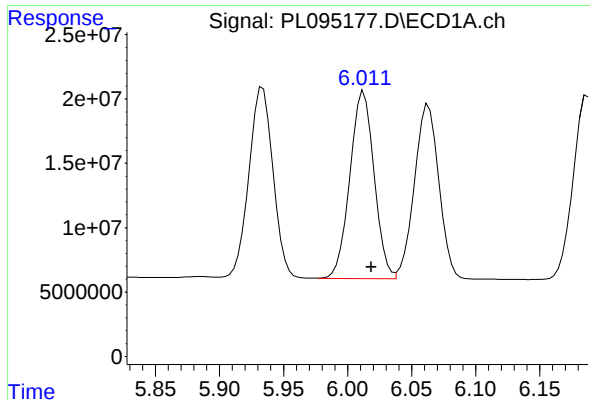
#10 gamma-Chlordane

R.T.: 5.934 min
Delta R.T.: -0.006 min
Response: 194571033
Conc: 57.75 ng/ml



#10 gamma-Chlordane

R.T.: 4.967 min
Delta R.T.: -0.007 min
Response: 311774534
Conc: 64.57 ng/ml



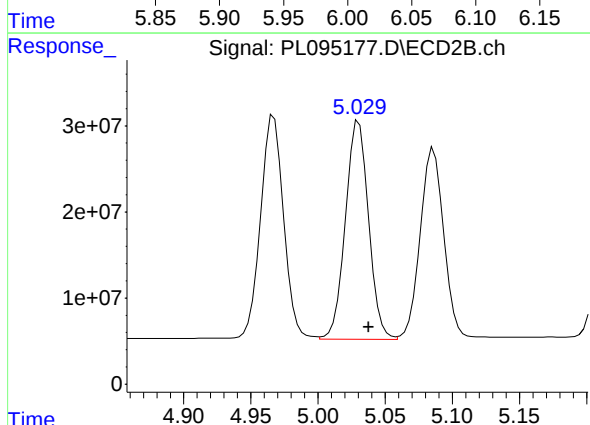
#11 alpha-Chlordane

R.T.: 6.013 min
Delta R.T.: -0.006 min
Response: 191505565
Conc: 58.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BS

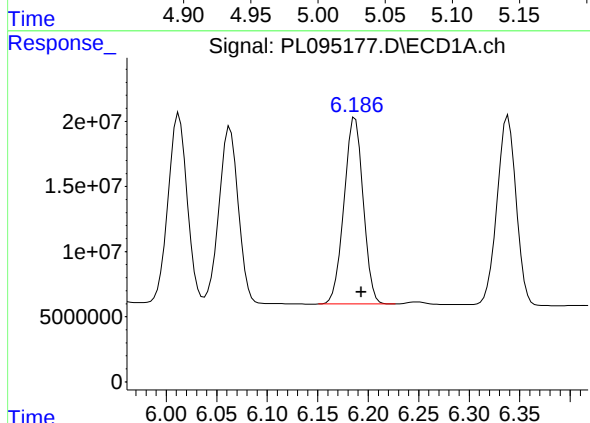
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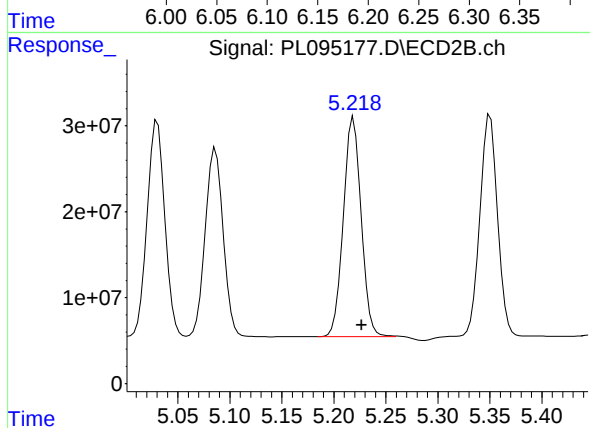
#11 alpha-Chlordane

R.T.: 5.030 min
Delta R.T.: -0.007 min
Response: 306882738
Conc: 64.30 ng/ml



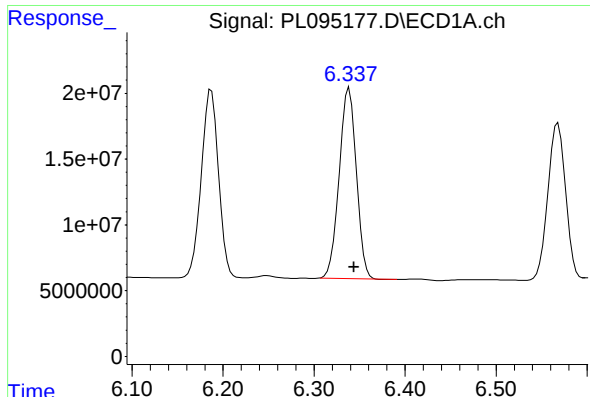
#12 4,4'-DDE

R.T.: 6.187 min
Delta R.T.: -0.006 min
Response: 189308597
Conc: 64.35 ng/ml



#12 4,4'-DDE

R.T.: 5.218 min
Delta R.T.: -0.009 min
Response: 304326241
Conc: 65.47 ng/ml m



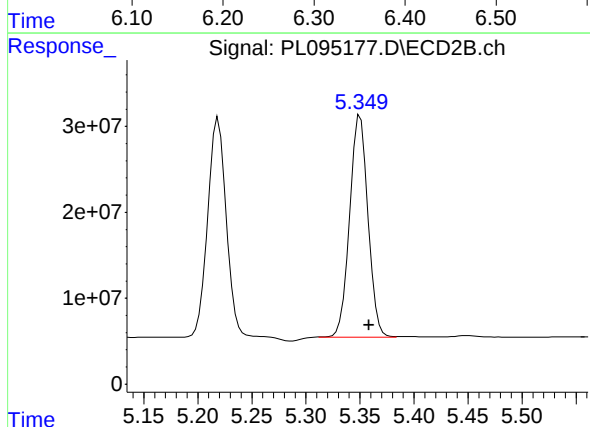
#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 190123879
Conc: 59.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BS

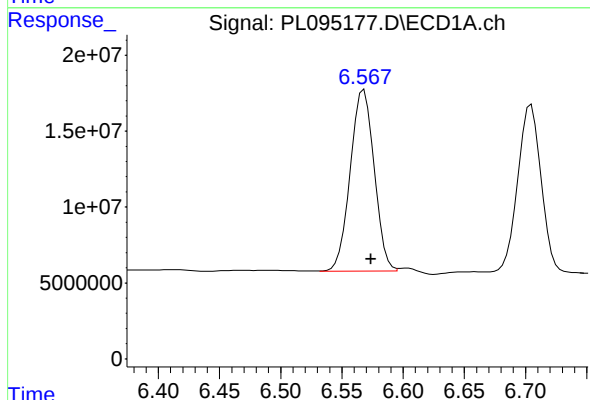
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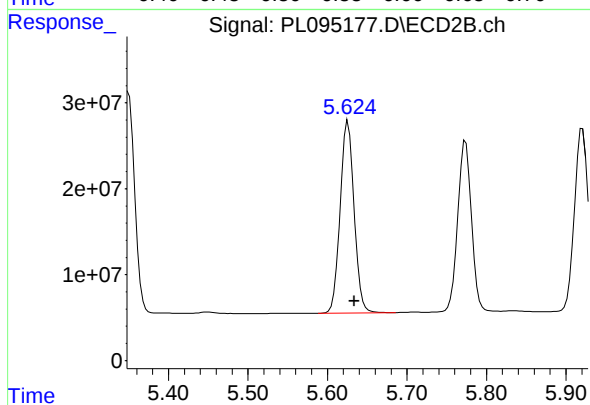
#13 Dieldrin

R.T.: 5.349 min
Delta R.T.: -0.009 min
Response: 304352432
Conc: 62.73 ng/ml m



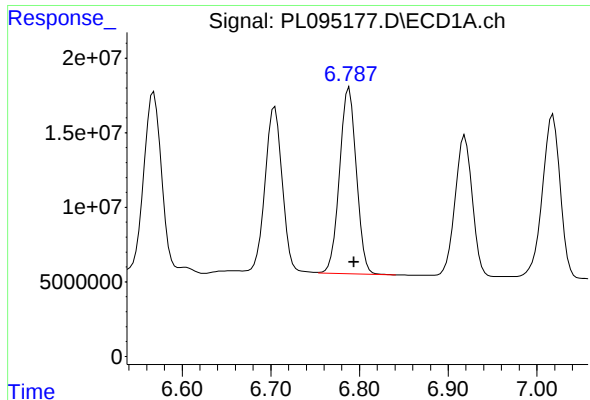
#14 Endrin

R.T.: 6.567 min
Delta R.T.: -0.007 min
Response: 162854847
Conc: 58.75 ng/ml m



#14 Endrin

R.T.: 5.626 min
Delta R.T.: -0.008 min
Response: 272276257
Conc: 62.40 ng/ml



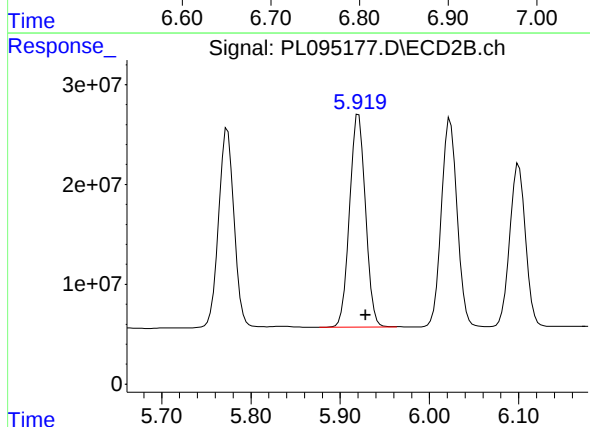
#15 Endosulfan II

R.T.: 6.788 min
Delta R.T.: -0.005 min
Response: 164024542
Conc: 60.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BS

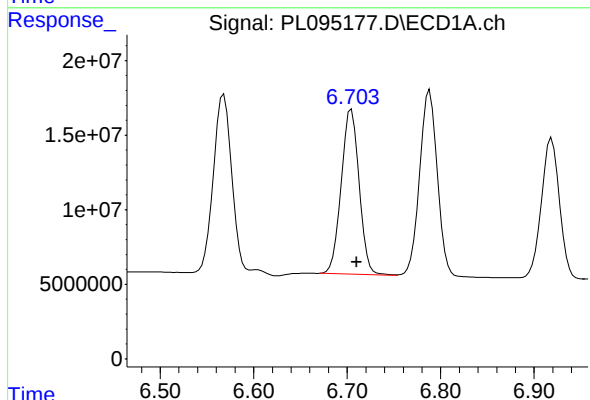
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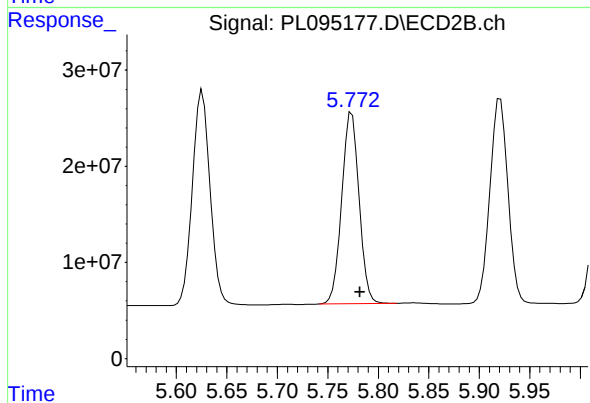
#15 Endosulfan II

R.T.: 5.919 min
Delta R.T.: -0.009 min
Response: 265085878
Conc: 61.25 ng/ml



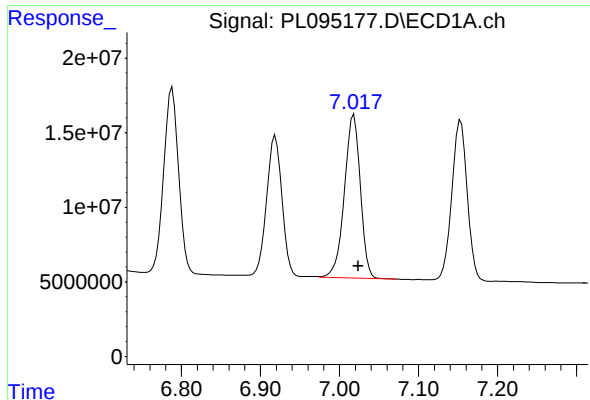
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: -0.005 min
Response: 147352732
Conc: 68.03 ng/ml



#16 4,4'-DDD

R.T.: 5.774 min
Delta R.T.: -0.008 min
Response: 238444236
Conc: 66.31 ng/ml



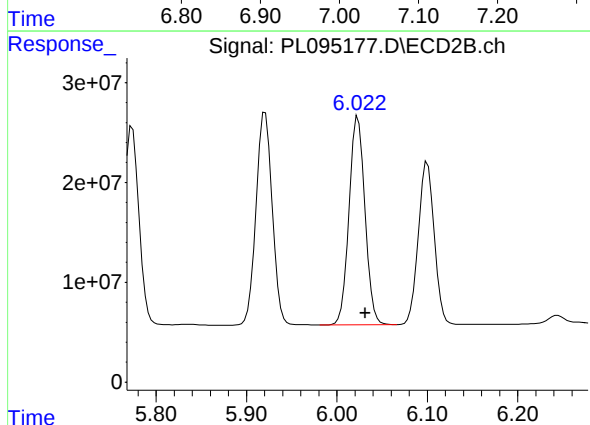
#17 4,4'-DDT

R.T.: 7.018 min
Delta R.T.: -0.006 min
Response: 153609988
Conc: 64.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BS

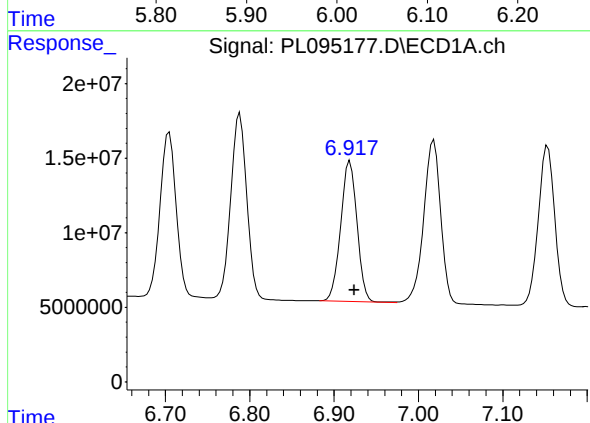
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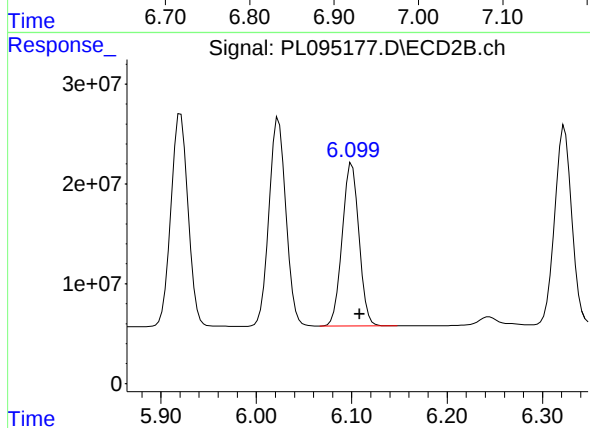
#17 4,4'-DDT

R.T.: 6.023 min
Delta R.T.: -0.008 min
Response: 256209886
Conc: 63.54 ng/ml



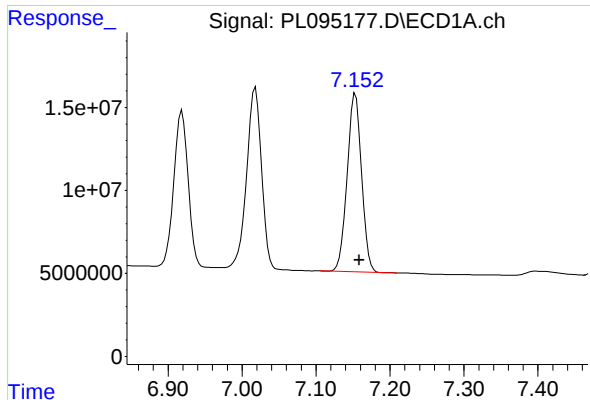
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: -0.005 min
Response: 127037200
Conc: 60.18 ng/ml



#18 Endrin aldehyde

R.T.: 6.100 min
Delta R.T.: -0.008 min
Response: 199601133
Conc: 59.31 ng/ml



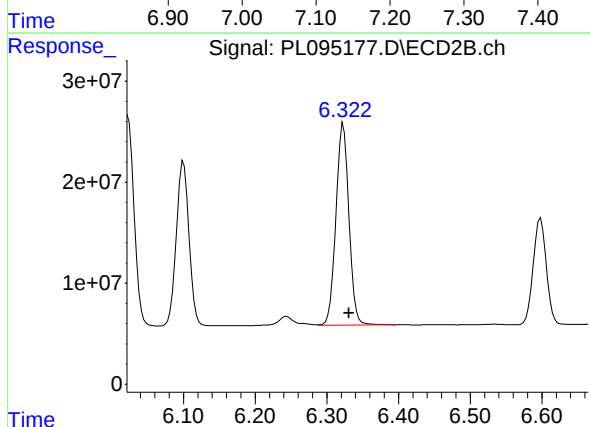
#19 Endosulfan Sulfate

R.T.: 7.153 min
Delta R.T.: -0.005 min
Response: 145235356
Conc: 59.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BS

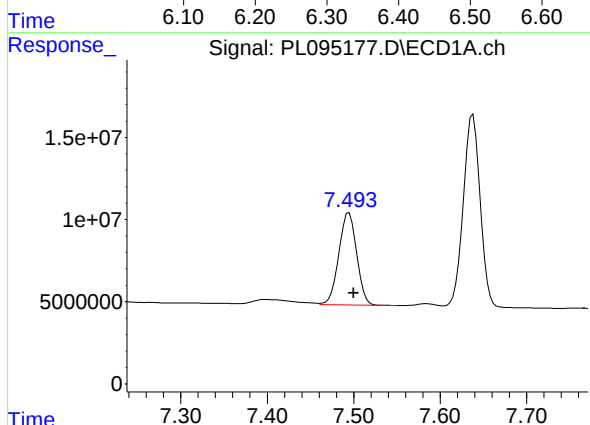
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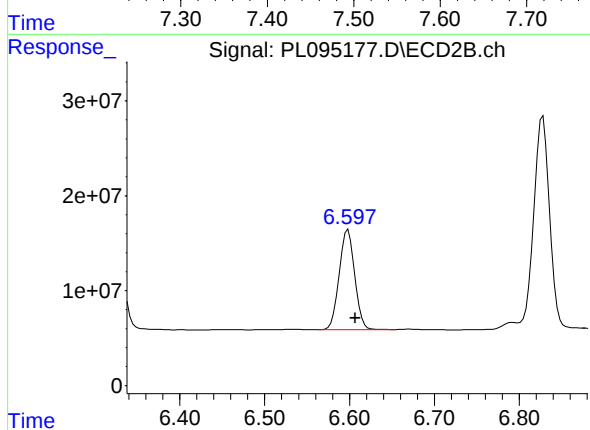
#19 Endosulfan Sulfate

R.T.: 6.323 min
Delta R.T.: -0.008 min
Response: 253334709
Conc: 62.19 ng/ml



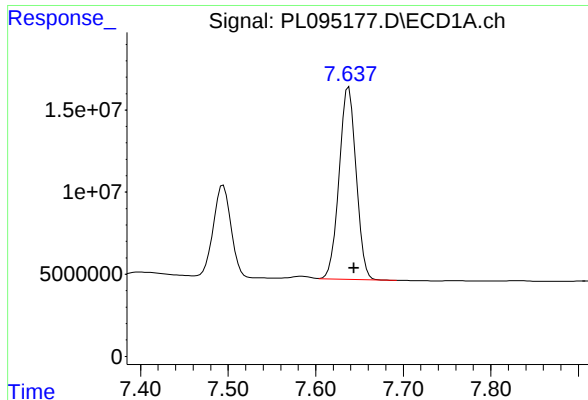
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: -0.005 min
Response: 79531659
Conc: 66.44 ng/ml



#20 Methoxychlor

R.T.: 6.598 min
Delta R.T.: -0.009 min
Response: 134130760
Conc: 63.24 ng/ml



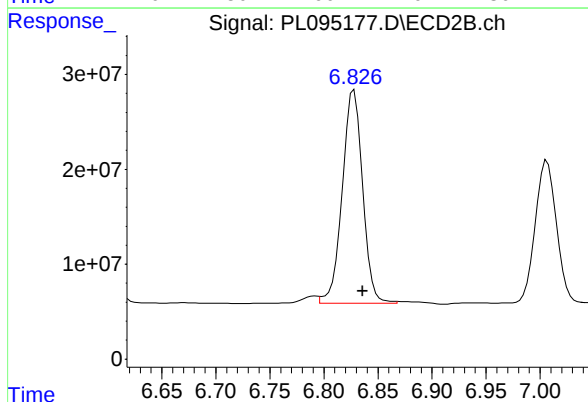
#21 Endrin ketone

R.T.: 7.638 min
Delta R.T.: -0.006 min
Response: 158382549
Conc: 59.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BS

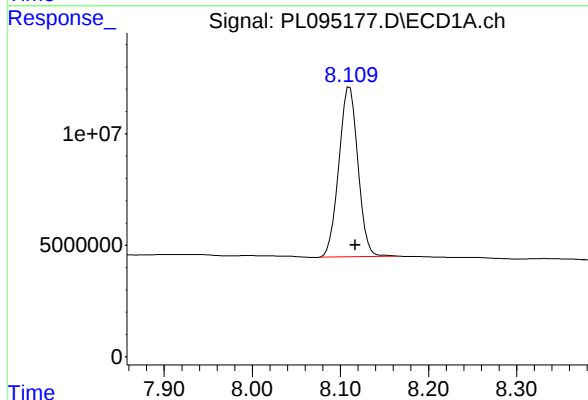
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/11/2025
Supervised By :mohammad ahmed 04/14/2025



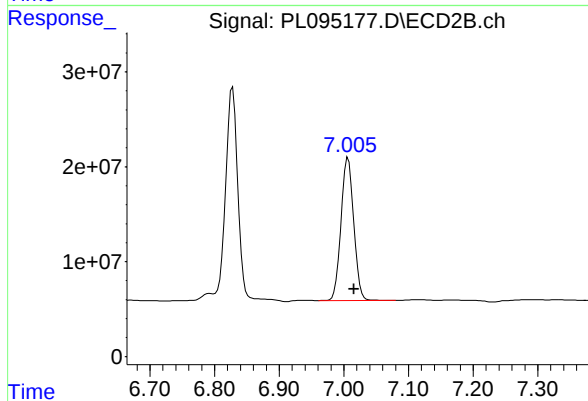
#21 Endrin ketone

R.T.: 6.826 min
Delta R.T.: -0.009 min
Response: 294867435
Conc: 61.78 ng/ml



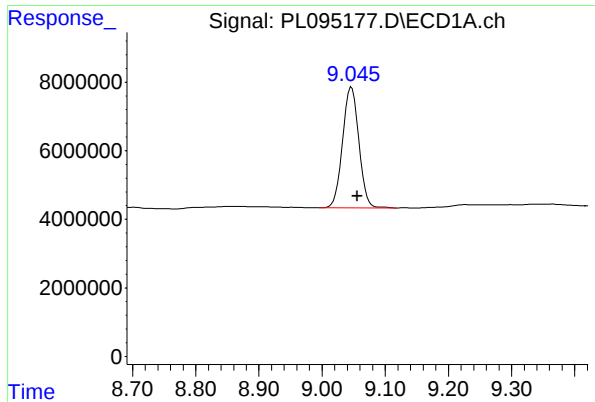
#22 Mirex

R.T.: 8.111 min
Delta R.T.: -0.006 min
Response: 114768532
Conc: 55.54 ng/ml



#22 Mirex

R.T.: 7.006 min
Delta R.T.: -0.009 min
Response: 205179088
Conc: 54.06 ng/ml



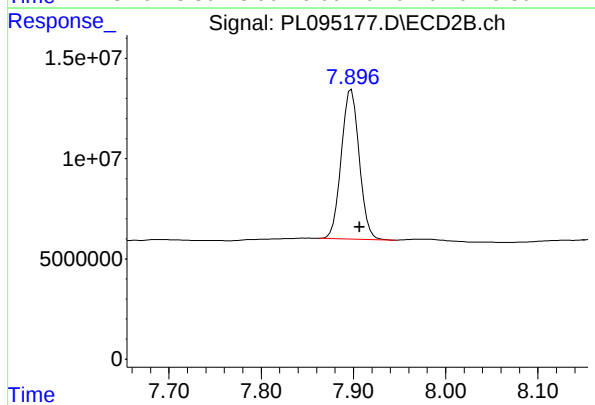
#28 Decachlorobiphenyl

R.T.: 9.047 min
Delta R.T.: -0.009 min
Response: 63164962
Conc: 29.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.898 min
Delta R.T.: -0.009 min
Response: 100684793
Conc: 24.93 ng/ml