

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040925\
 Data File : PL095155.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2025 21:43
 Operator : AR\AJ
 Sample : PB167535BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167535BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/10/2025
 Supervised By : mohammad ahmed 04/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 01:27:07 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	2.768	78612401	105.7E6	27.772	29.612
28)	SA Decachlor...	9.046	7.897	64405007	121.1E6	30.561	29.987
Target Compounds							
2)	A alpha-BHC	3.990	3.269	222.1E6	336.4E6	53.481	62.399
3)	MA gamma-BHC...	4.322	3.599	212.3E6	312.3E6	53.212	60.771
4)	MA Heptachlor	4.910	3.936	195.4E6	293.2E6	50.341	55.641
5)	MB Aldrin	5.251	4.215	192.8E6	281.2E6	52.220	57.670
6)	B beta-BHC	4.521	3.899	97147745	133.3E6	52.648	60.031
7)	B delta-BHC	4.768	4.127	215.5E6	297.7E6	55.331	59.519
8)	B Heptachlo...	5.677	4.717	177.3E6	265.4E6	53.013	57.956
9)	A Endosulfan I	6.063	5.086	168.2E6	245.1E6	54.771	55.859
10)	B gamma-Chl...	5.934	4.967	182.2E6	278.3E6	54.074	57.629
11)	B alpha-Chl...	6.013	5.030	179.4E6	272.8E6	54.425	57.168
12)	B 4,4'-DDE	6.187	5.217	177.6E6	279.5E6	60.349	60.123m
13)	MA Dieldrin	6.338	5.349	178.4E6	280.9E6	55.773	57.902m
14)	MA Endrin	6.567	5.626	132.3E6	228.9E6	47.714m	52.454
15)	B Endosulfa...	6.788	5.920	154.9E6	252.9E6	57.063	58.428m
16)	A 4,4'-DDD	6.704	5.774	143.0E6	235.8E6	65.996	65.574
17)	MA 4,4'-DDT	7.018	6.024	133.3E6	219.6E6	56.033	54.453
18)	B Endrin al...	6.918	6.100	121.1E6	196.6E6	57.365	58.407
19)	B Endosulfa...	7.153	6.323	137.0E6	243.2E6	56.348	59.708
20)	A Methoxychlor	7.494	6.598	65569374	117.4E6	54.775	55.353
21)	B Endrin ke...	7.638	6.827	159.8E6	303.0E6	60.472	63.495m
22)	Mirex	8.110	7.007	109.4E6	211.1E6	52.937	55.627

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040925\
Data File : PL095155.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Apr 2025 21:43
Operator : AR\AJ
Sample : PB167535BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB167535BS

Manual Integrations

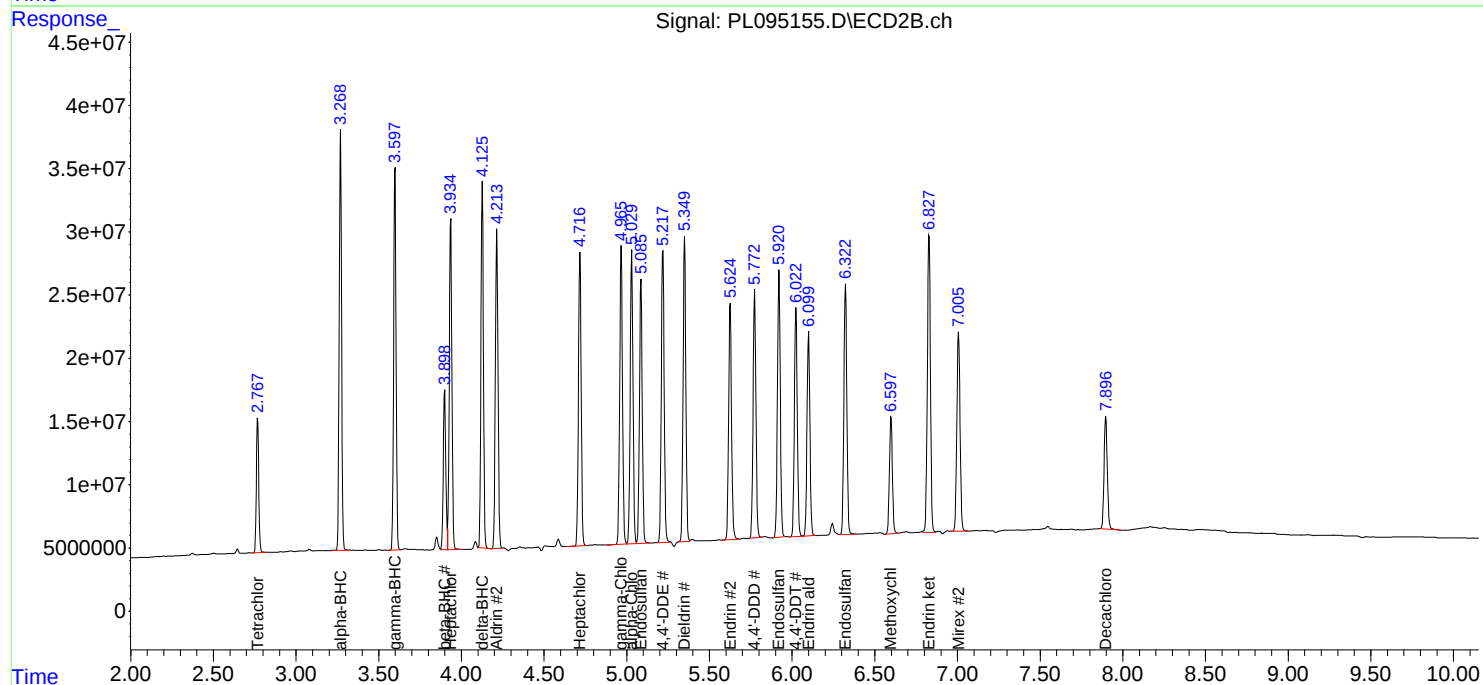
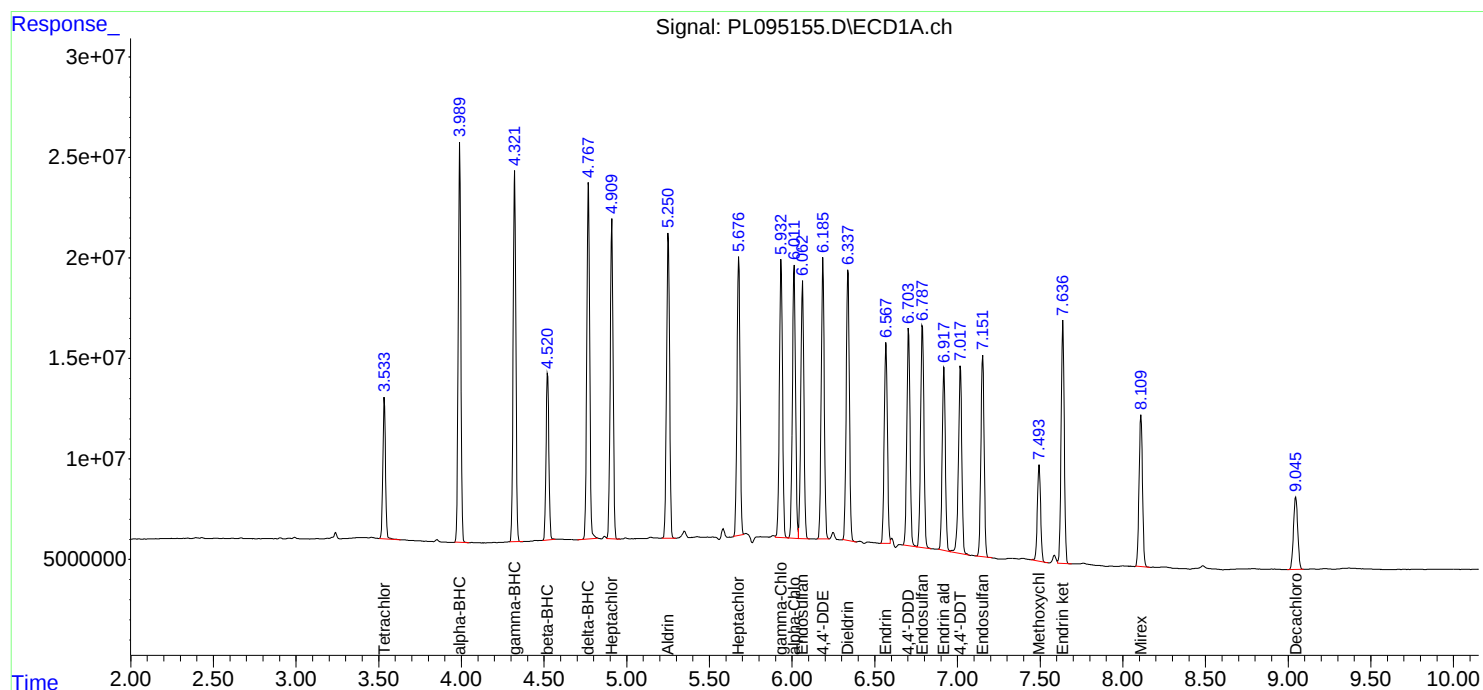
APPROVED

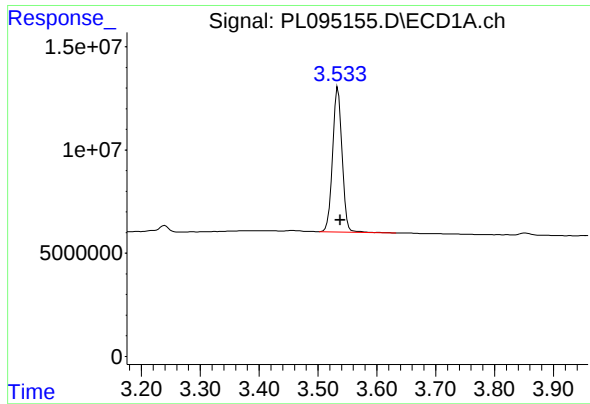
Reviewed By :Abdul Mirza 04/10/2025

Supervised By :mohammad ahmed 04/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 10 01:27:07 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





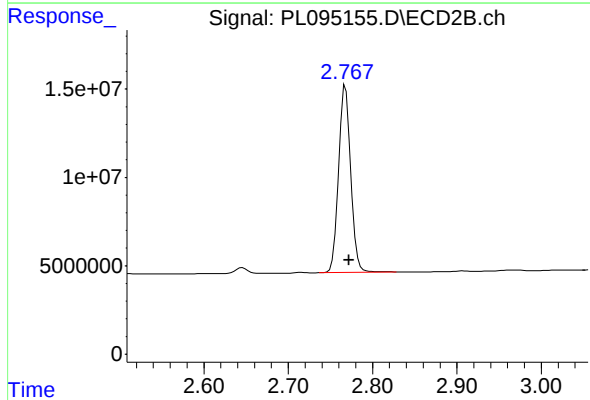
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.004 min
Response: 78612401
Conc: 27.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BS

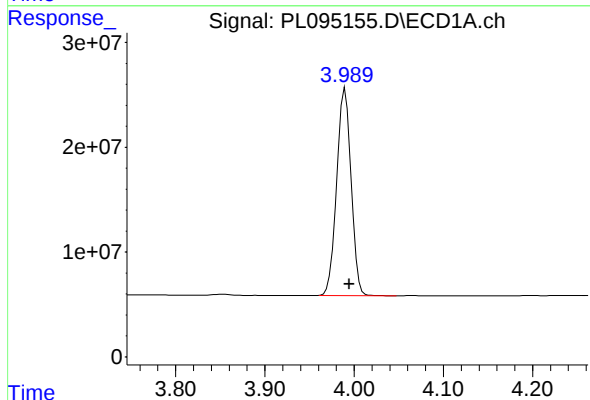
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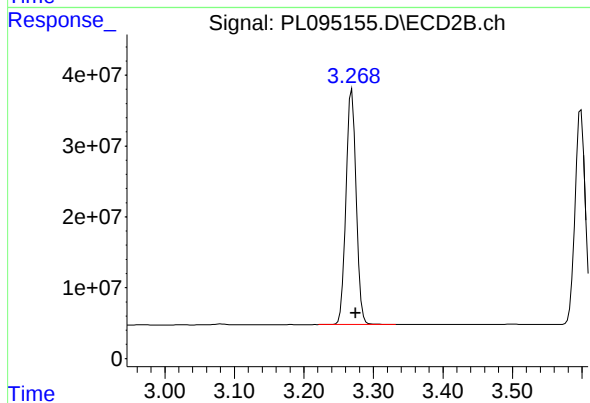
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: -0.004 min
Response: 105692199
Conc: 29.61 ng/ml



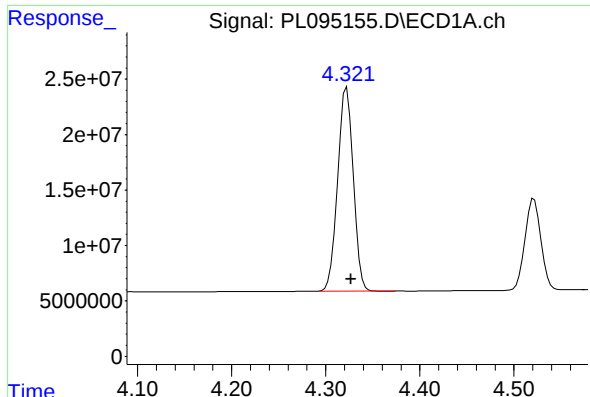
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: -0.004 min
Response: 222071130
Conc: 53.48 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: -0.005 min
Response: 336416815
Conc: 62.40 ng/ml



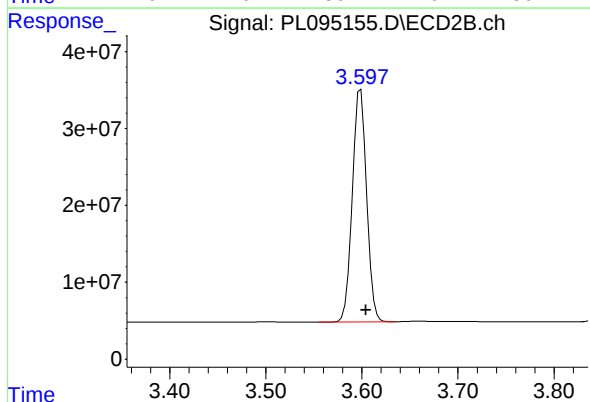
#3 gamma-BHC (Lindane)

R.T.: 4.322 min
Delta R.T.: -0.005 min
Response: 212329265
Conc: 53.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BS

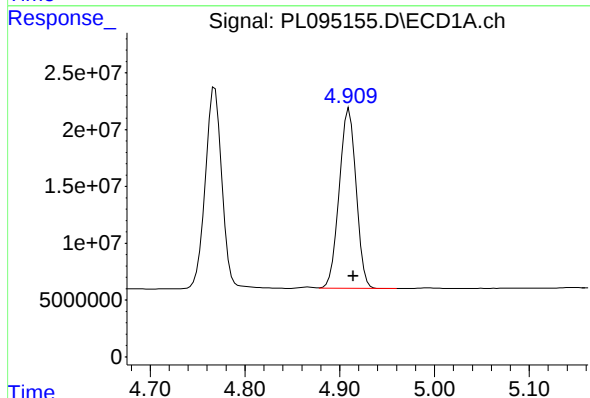
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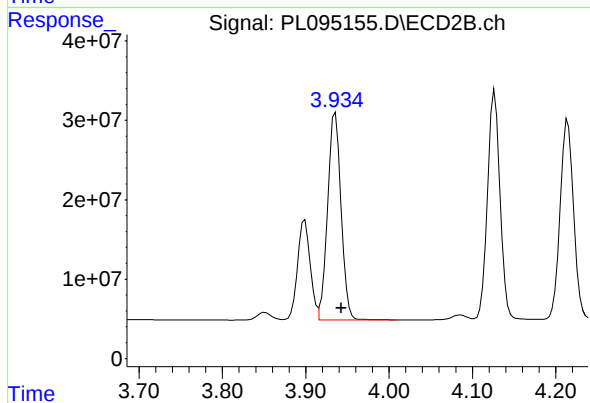
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: -0.006 min
Response: 312331375
Conc: 60.77 ng/ml



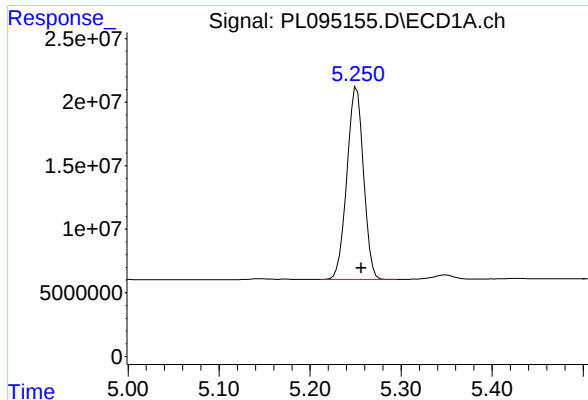
#4 Heptachlor

R.T.: 4.910 min
Delta R.T.: -0.005 min
Response: 195404836
Conc: 50.34 ng/ml



#4 Heptachlor

R.T.: 3.936 min
Delta R.T.: -0.007 min
Response: 293154566
Conc: 55.64 ng/ml



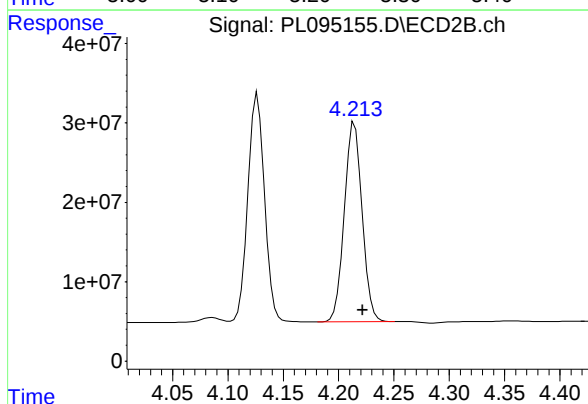
#5 Aldrin

R.T.: 5.251 min
Delta R.T.: -0.005 min
Response: 192806278
Conc: 52.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BS

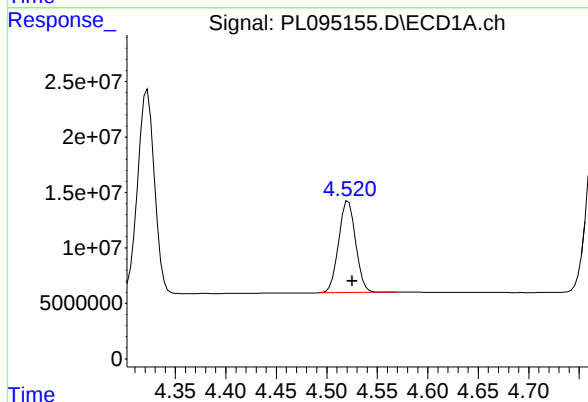
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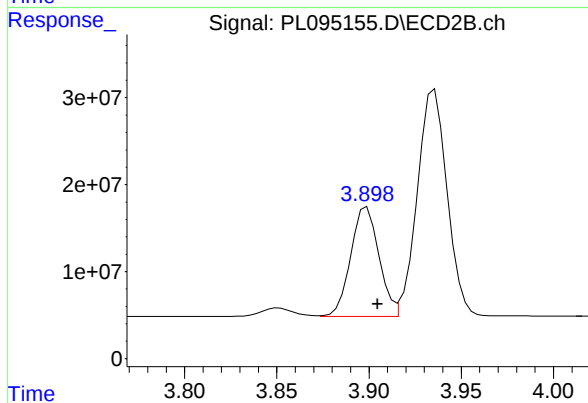
#5 Aldrin

R.T.: 4.215 min
Delta R.T.: -0.007 min
Response: 281220690
Conc: 57.67 ng/ml



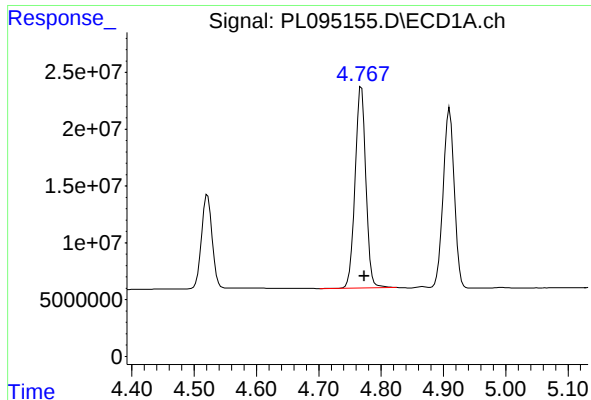
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: -0.004 min
Response: 97147745
Conc: 52.65 ng/ml



#6 beta-BHC

R.T.: 3.899 min
Delta R.T.: -0.006 min
Response: 133345402
Conc: 60.03 ng/ml



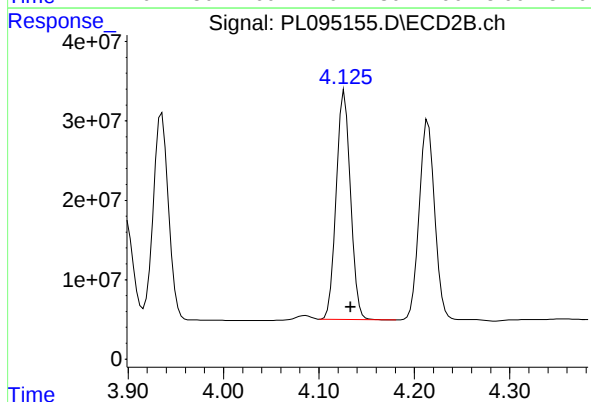
#7 delta-BHC

R.T.: 4.768 min
Delta R.T.: -0.004 min
Response: 215475084
Conc: 55.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BS

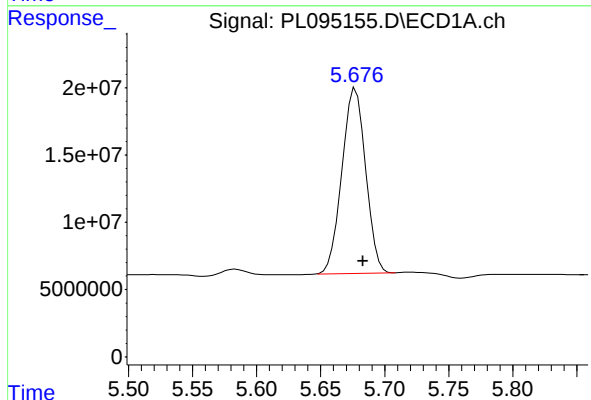
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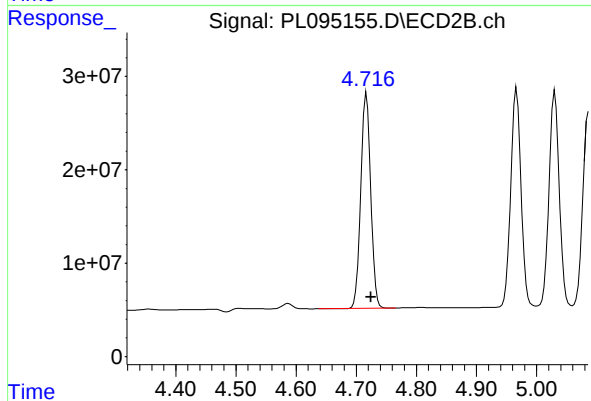
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: -0.006 min
Response: 297710620
Conc: 59.52 ng/ml



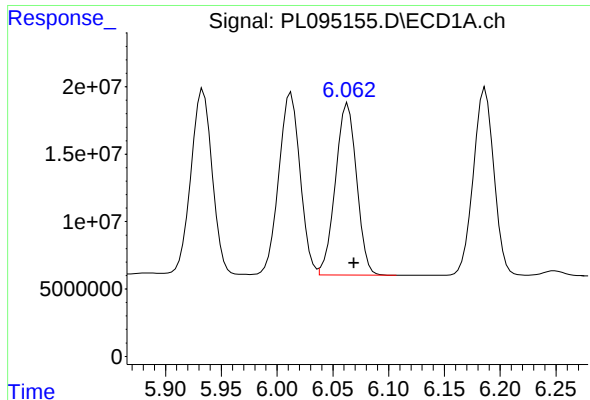
#8 Heptachlor epoxide

R.T.: 5.677 min
Delta R.T.: -0.006 min
Response: 177339468
Conc: 53.01 ng/ml



#8 Heptachlor epoxide

R.T.: 4.717 min
Delta R.T.: -0.007 min
Response: 265355991
Conc: 57.96 ng/ml



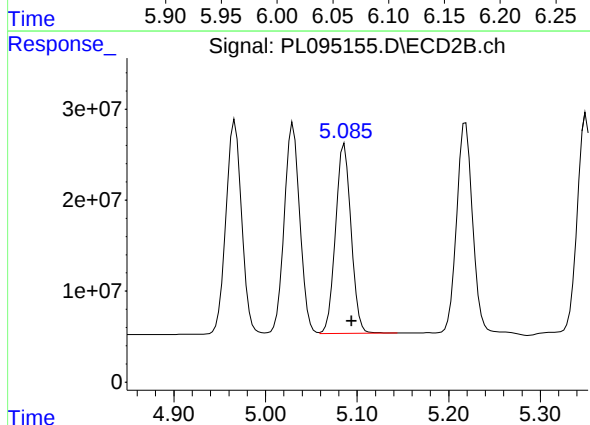
#9 Endosulfan I

R.T.: 6.063 min
Delta R.T.: -0.006 min
Response: 168159104
Conc: 54.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BS

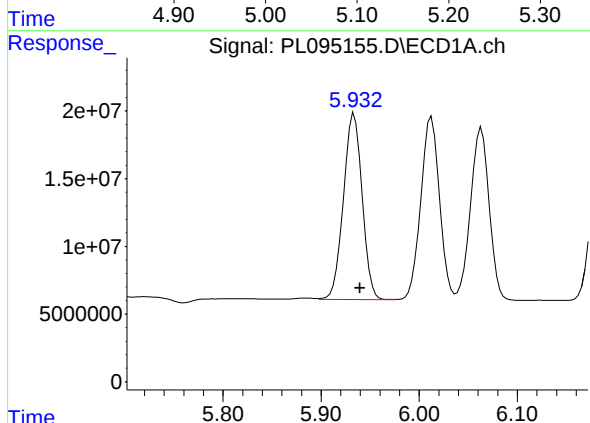
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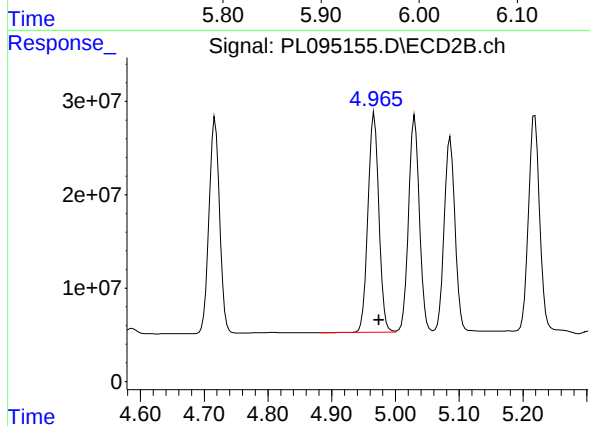
#9 Endosulfan I

R.T.: 5.086 min
Delta R.T.: -0.008 min
Response: 245148084
Conc: 55.86 ng/ml



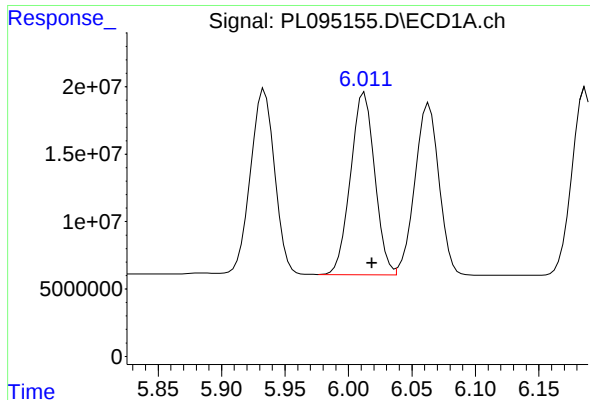
#10 gamma-Chlordane

R.T.: 5.934 min
Delta R.T.: -0.006 min
Response: 182195446
Conc: 54.07 ng/ml



#10 gamma-Chlordane

R.T.: 4.967 min
Delta R.T.: -0.007 min
Response: 278257930
Conc: 57.63 ng/ml



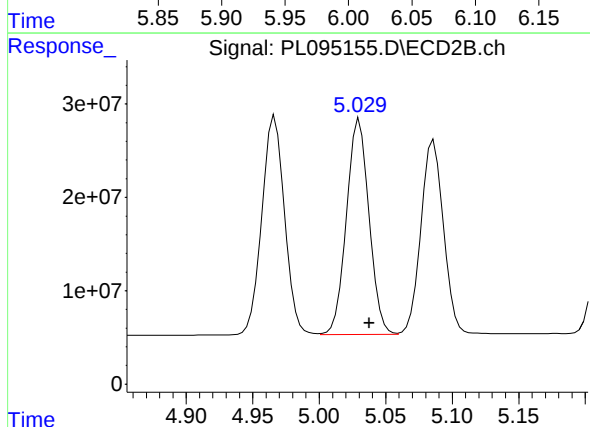
#11 alpha-Chlordane

R.T.: 6.013 min
Delta R.T.: -0.006 min
Response: 179430652
Conc: 54.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BS

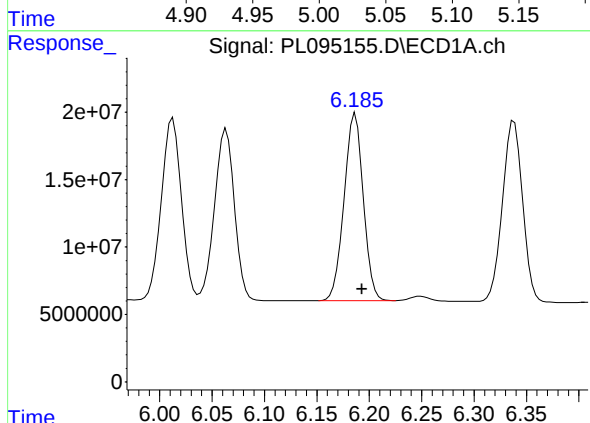
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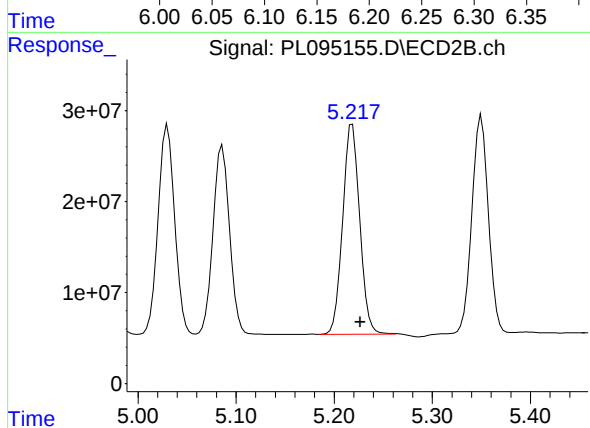
#11 alpha-Chlordane

R.T.: 5.030 min
Delta R.T.: -0.007 min
Response: 272847782
Conc: 57.17 ng/ml



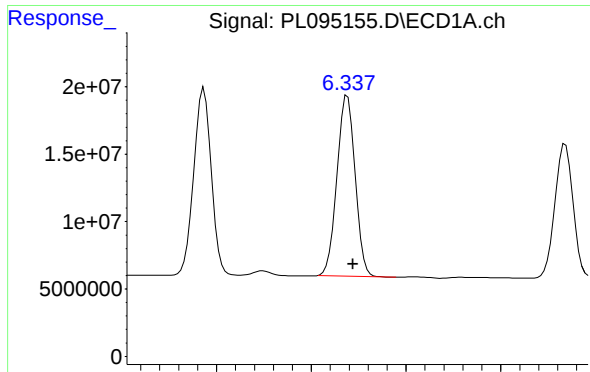
#12 4,4'-DDE

R.T.: 6.187 min
Delta R.T.: -0.006 min
Response: 177551061
Conc: 60.35 ng/ml



#12 4,4'-DDE

R.T.: 5.217 min
Delta R.T.: -0.009 min
Response: 279481993
Conc: 60.12 ng/ml m



#13 Dieldrin

R.T.: 6.338 min
Delta R.T.: -0.006 min
Response: 178369201
Conc: 55.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BS

Manual Integrations
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#13 Dieldrin

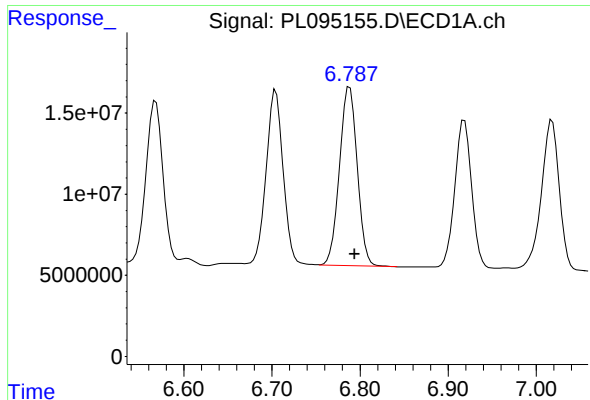
R.T.: 5.349 min
Delta R.T.: -0.010 min
Response: 280930656
Conc: 57.90 ng/ml

#14 Endrin

R.T.: 6.567 min
Delta R.T.: -0.007 min
Response: 132265416
Conc: 47.71 ng/ml

#14 Endrin

R.T.: 5.626 min
Delta R.T.: -0.008 min
Response: 228890646
Conc: 52.45 ng/ml



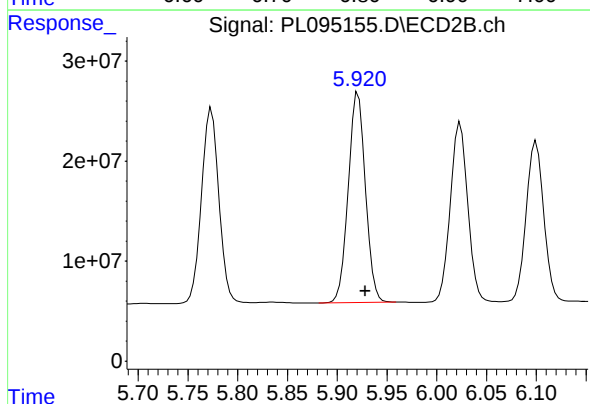
#15 Endosulfan II

R.T.: 6.788 min
Delta R.T.: -0.006 min
Response: 154911978
Conc: 57.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BS

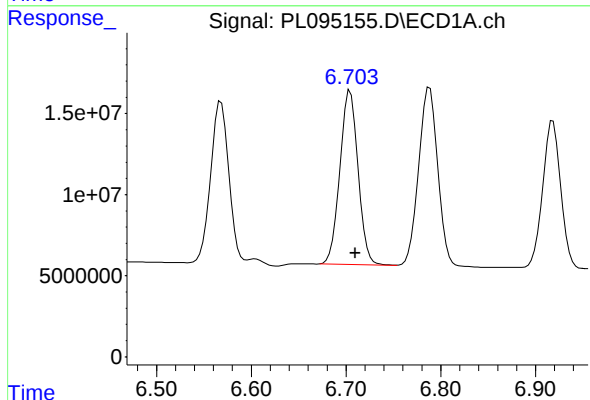
Manual Integrations
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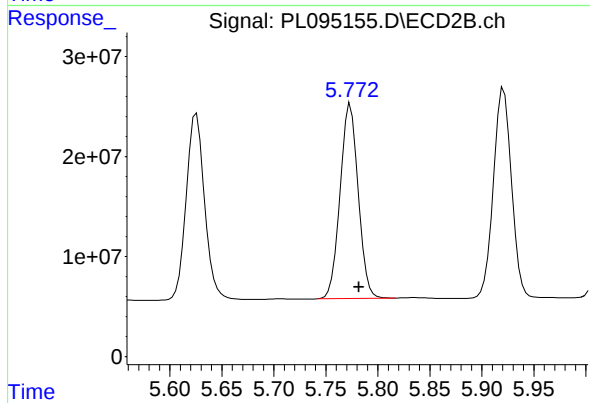
#15 Endosulfan II

R.T.: 5.920 min
Delta R.T.: -0.009 min
Response: 252890586
Conc: 58.43 ng/ml m



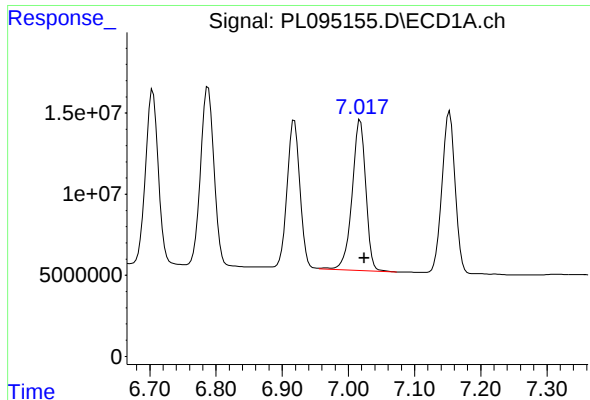
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: -0.006 min
Response: 142952789
Conc: 66.00 ng/ml



#16 4,4'-DDD

R.T.: 5.774 min
Delta R.T.: -0.008 min
Response: 235796394
Conc: 65.57 ng/ml



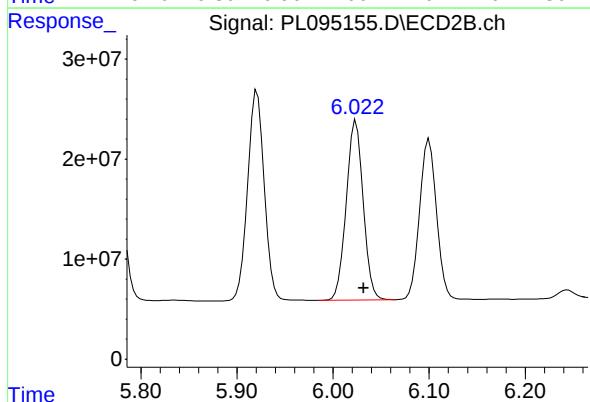
#17 4,4'-DDT

R.T.: 7.018 min
Delta R.T.: -0.006 min
Response: 133276325
Conc: 56.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BS

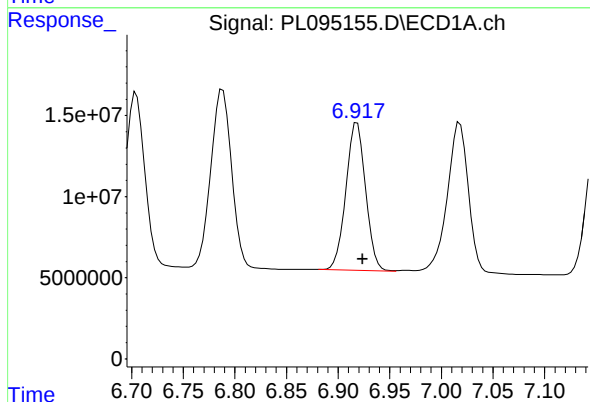
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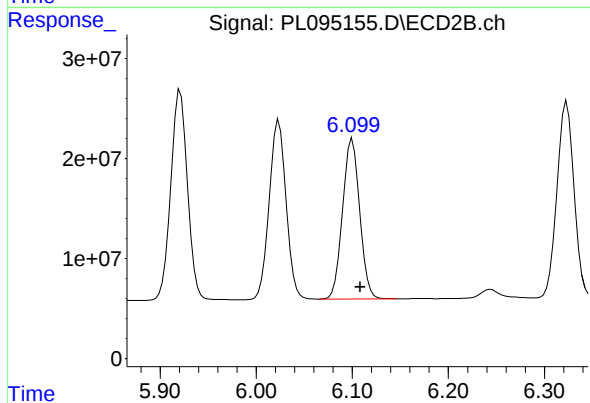
#17 4,4'-DDT

R.T.: 6.024 min
Delta R.T.: -0.008 min
Response: 219558582
Conc: 54.45 ng/ml



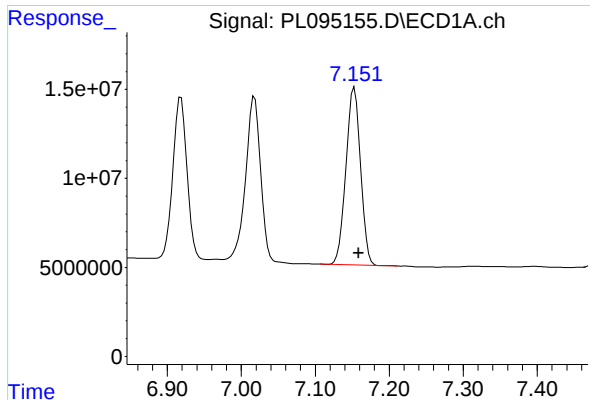
#18 Endrin aldehyde

R.T.: 6.918 min
Delta R.T.: -0.005 min
Response: 121096264
Conc: 57.36 ng/ml



#18 Endrin aldehyde

R.T.: 6.100 min
Delta R.T.: -0.008 min
Response: 196560588
Conc: 58.41 ng/ml



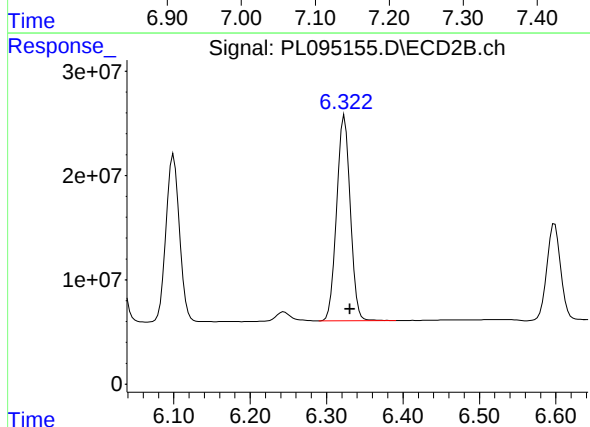
#19 Endosulfan Sulfate

R.T.: 7.153 min
Delta R.T.: -0.006 min
Response: 137039665
Conc: 56.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BS

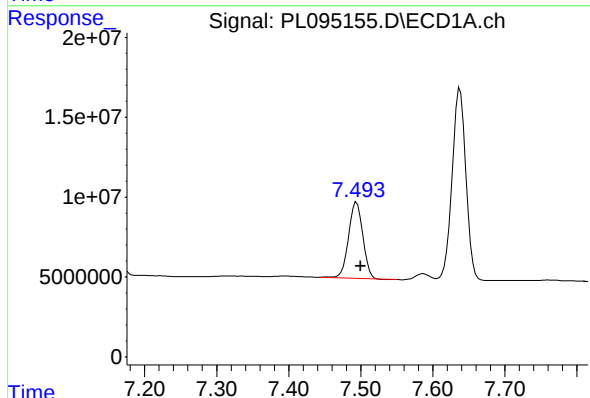
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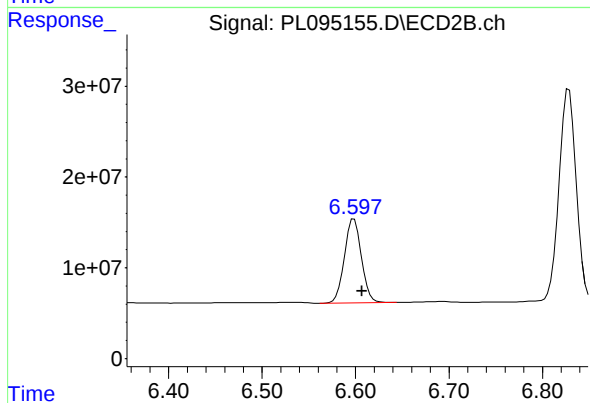
#19 Endosulfan Sulfate

R.T.: 6.323 min
Delta R.T.: -0.007 min
Response: 243217206
Conc: 59.71 ng/ml



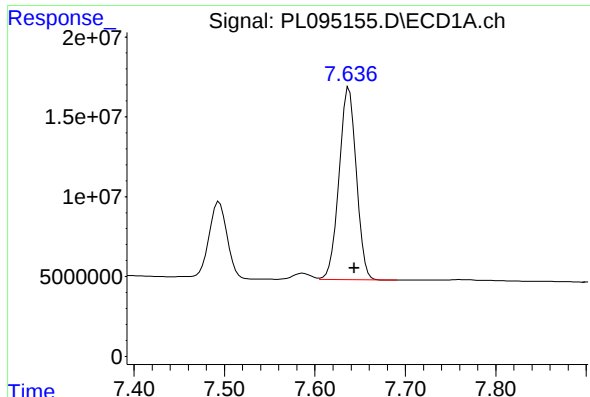
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: -0.006 min
Response: 65569374
Conc: 54.77 ng/ml



#20 Methoxychlor

R.T.: 6.598 min
Delta R.T.: -0.009 min
Response: 117407877
Conc: 55.35 ng/ml



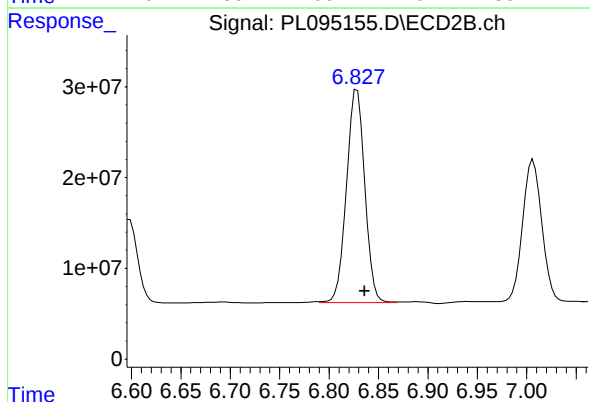
#21 Endrin ketone

R.T.: 7.638 min
Delta R.T.: -0.006 min
Response: 159844505
Conc: 60.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BS

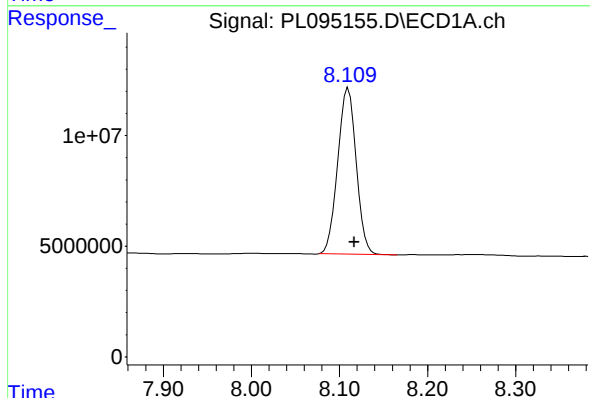
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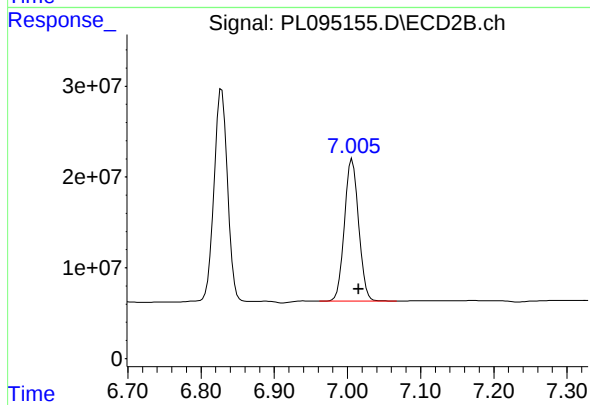
#21 Endrin ketone

R.T.: 6.827 min
Delta R.T.: -0.009 min
Response: 303033870
Conc: 63.49 ng/ml



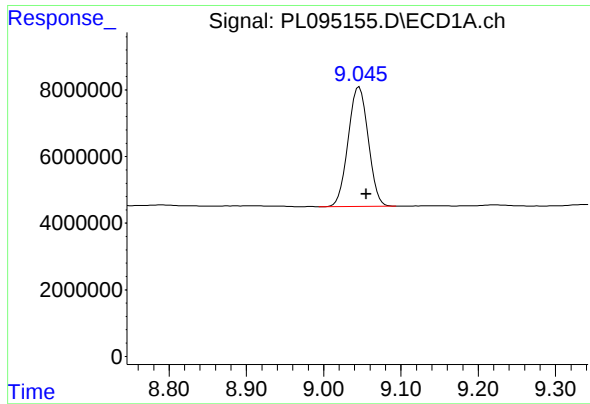
#22 Mirex

R.T.: 8.110 min
Delta R.T.: -0.007 min
Response: 109383897
Conc: 52.94 ng/ml



#22 Mirex

R.T.: 7.007 min
Delta R.T.: -0.009 min
Response: 211121231
Conc: 55.63 ng/ml



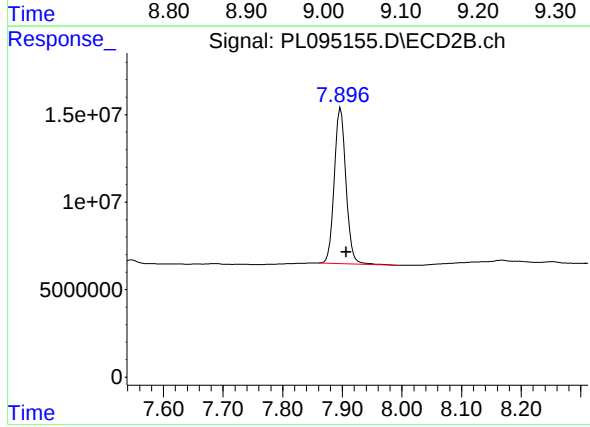
#28 Decachlorobiphenyl

R.T.: 9.046 min
Delta R.T.: -0.010 min
Response: 64405007
Conc: 30.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167535BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/10/2025
Supervised By :mohammad ahmed 04/11/2025



#28 Decachlorobiphenyl

R.T.: 7.897 min
Delta R.T.: -0.010 min
Response: 121127775
Conc: 29.99 ng/ml