

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041525\
 Data File : PL095231.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Apr 2025 12:29
 Operator : AR\AJ
 Sample : PB167576BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167576BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/16/2025
 Supervised By :mohammad ahmed 04/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 15 14:13:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 14 19:12:49 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...	3.538	2.786f	52470347	62884381	19.127	16.899
28)	SA Decachlor...	9.057	7.920f	49534603	68732759	20.573	15.624
Target Compounds							
2)	A alpha-BHC	3.994	3.288f	212.1E6	283.0E6	52.782	51.111
3)	MA gamma-BHC...	4.327	3.618f	205.0E6	265.9E6	53.301	50.514
4)	MA Heptachlor	4.915	3.918f	202.2E6	114.8E6	55.143	22.084 #
5)	MB Aldrin	5.257	4.233f	195.4E6	256.9E6	55.379	52.717m
6)	B beta-BHC	4.527	3.918f	91646484	114.8E6	52.271	49.554
7)	B delta-BHC	4.773	4.147f	210.0E6	258.5E6	53.585	49.998
8)	B Heptachlo...	5.684	4.737f	175.8E6	242.2E6	54.765	53.008
9)	A Endosulfan I	6.070	5.107f	169.2E6	235.3E6	54.601	54.213
10)	B gamma-Chl...	5.940	4.987f	182.6E6	255.8E6	54.664	53.097
11)	B alpha-Chl...	6.019	5.050f	179.5E6	251.8E6	54.069	53.128
12)	B 4,4'-DDE	6.194	5.239f	172.4E6	249.9E6	52.732	51.910
13)	MA Dieldrin	6.345	5.371f	179.0E6	256.9E6	54.314	53.517
14)	MA Endrin	6.575	5.647f	155.0E6	223.6E6	59.461	53.519
15)	B Endosulfa...	6.796	5.942f	151.9E6	225.3E6	53.266	51.314
16)	A 4,4'-DDD	6.712	5.795f	131.3E6	195.8E6	51.711	50.326
17)	MA 4,4'-DDT	7.026	6.044f	142.5E6	218.1E6	55.970	52.358
18)	B Endrin al...	6.926	6.120f	117.1E6	169.7E6	53.211	50.353m
19)	B Endosulfa...	7.160	6.345f	135.5E6	219.4E6	52.730	52.528
20)	A Methoxychlor	7.502	6.620f	72716131	114.7E6	54.289	51.091
21)	B Endrin ke...	7.646	6.848f	146.7E6	240.4E6	50.832	47.674m
22)	Mirex	8.118	7.028f	110.2E6	175.0E6	51.815	44.507

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

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Data File : PL095231.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Apr 2025 12:29
Operator : AR\AJ
Sample : PB167576BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

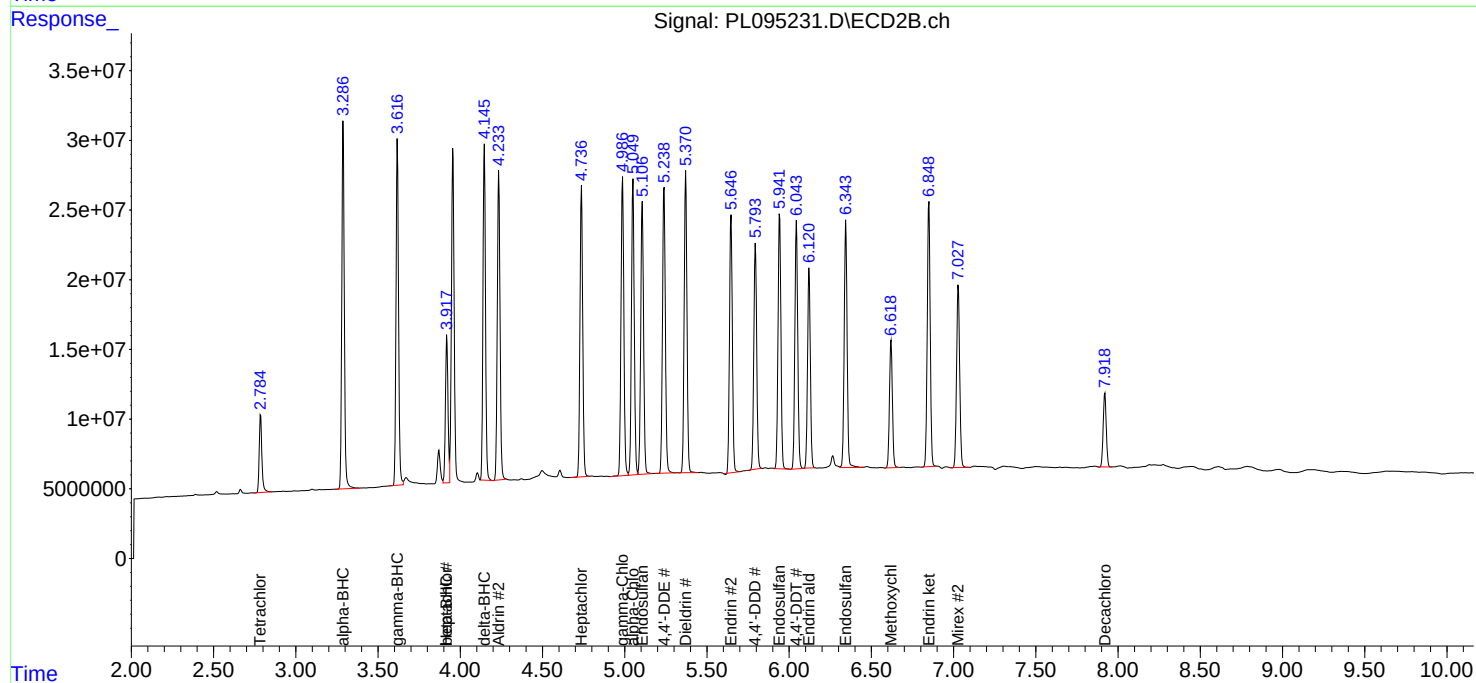
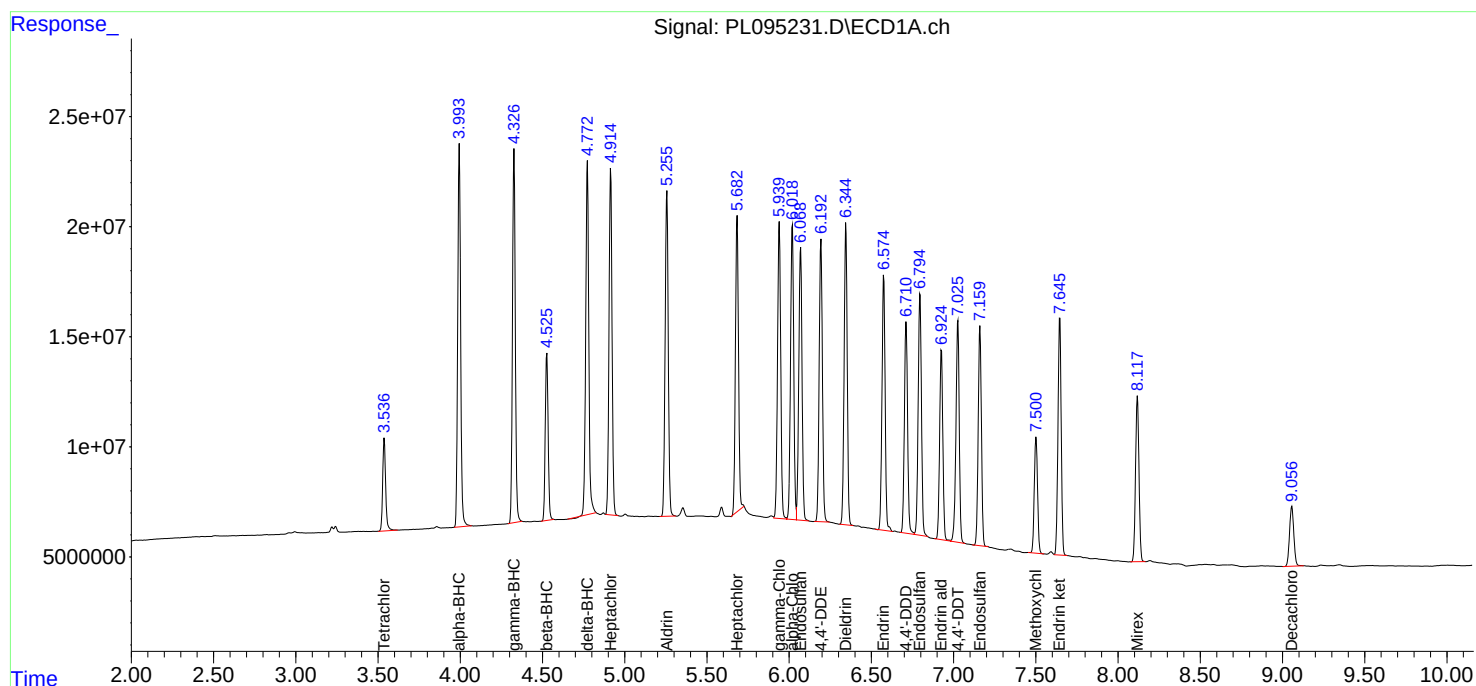
Instrument :
ECD_L
ClientSampleId :
PB167576BS

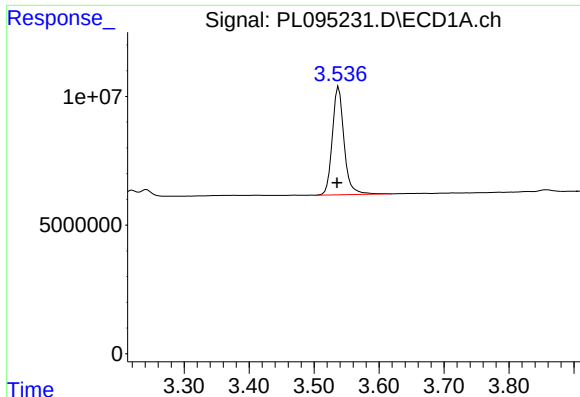
Manual Integrations
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Supervised By : mohammad ahmed 04/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 15 14:13:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 19:12:49 2025
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





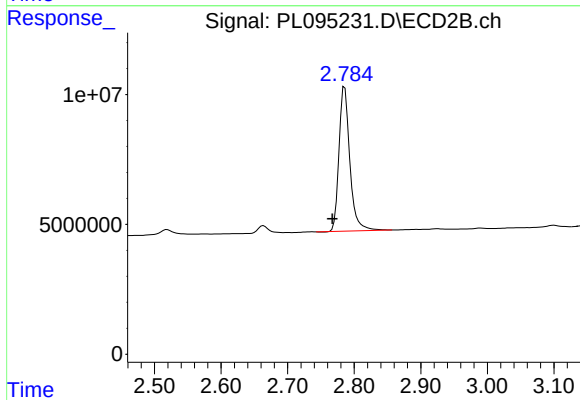
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.003 min
Response: 52470347
Conc: 19.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167576BS

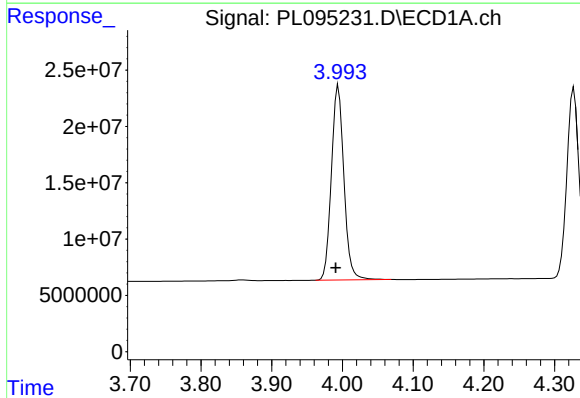
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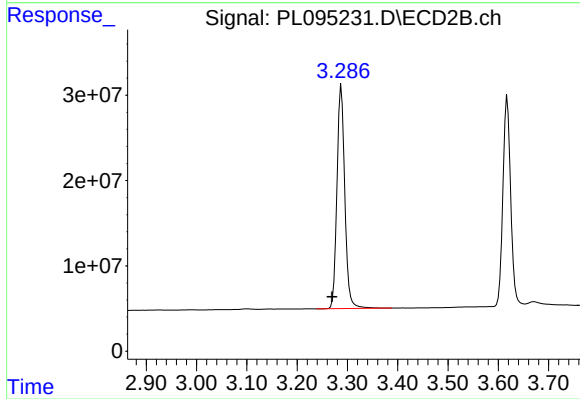
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: 0.018 min
Response: 62884381
Conc: 16.90 ng/ml



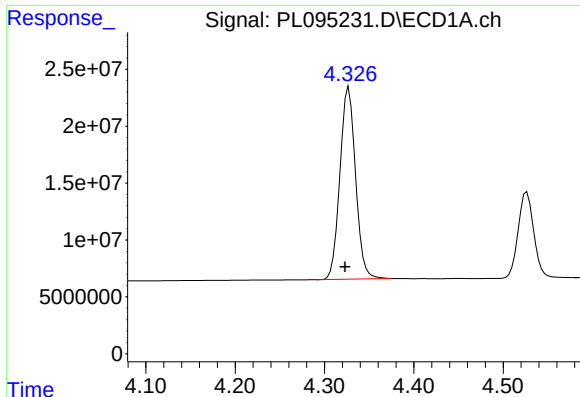
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.004 min
Response: 212139229
Conc: 52.78 ng/ml



#2 alpha-BHC

R.T.: 3.288 min
Delta R.T.: 0.019 min
Response: 283025753
Conc: 51.11 ng/ml



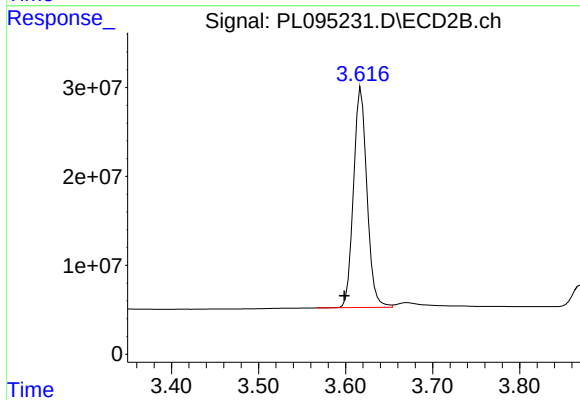
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.004 min
Response: 204974833
Conc: 53.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167576BS

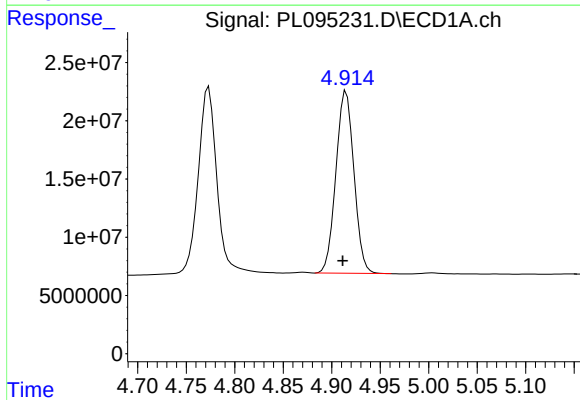
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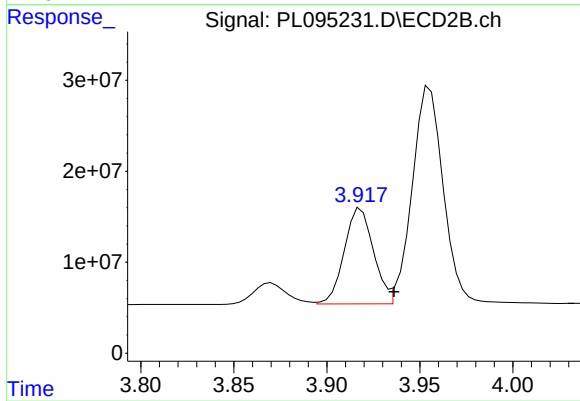
#3 gamma-BHC (Lindane)

R.T.: 3.618 min
Delta R.T.: 0.019 min
Response: 265858872
Conc: 50.51 ng/ml



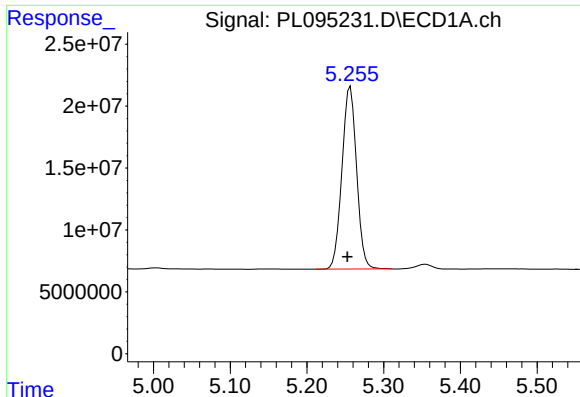
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.004 min
Response: 202175808
Conc: 55.14 ng/ml



#4 Heptachlor

R.T.: 3.918 min
Delta R.T.: -0.018 min
Response: 114823189
Conc: 22.08 ng/ml



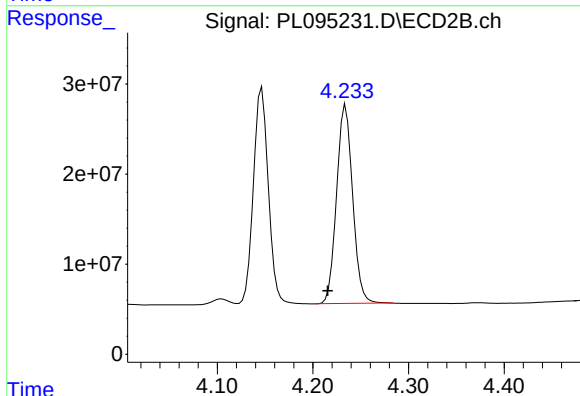
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: 0.004 min
Response: 195441245
Conc: 55.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167576BS

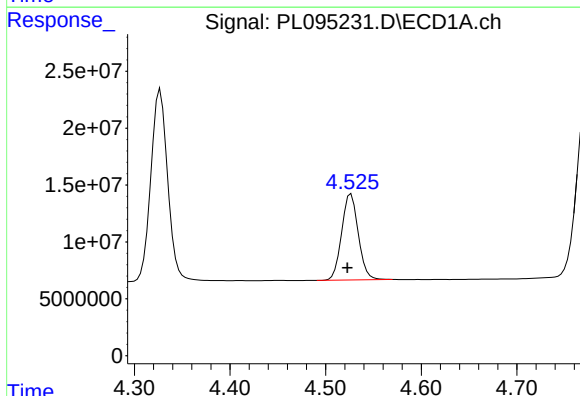
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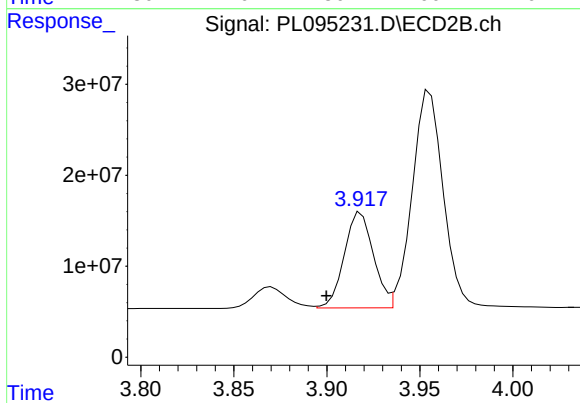
#5 Aldrin

R.T.: 4.233 min
Delta R.T.: 0.018 min
Response: 256918904
Conc: 52.72 ng/ml m



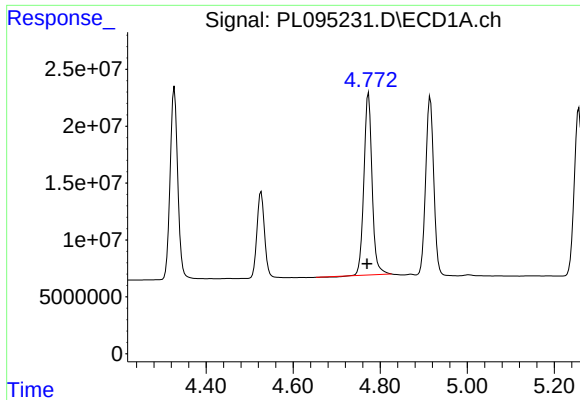
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.004 min
Response: 91646484
Conc: 52.27 ng/ml



#6 beta-BHC

R.T.: 3.918 min
Delta R.T.: 0.019 min
Response: 114823189
Conc: 49.55 ng/ml



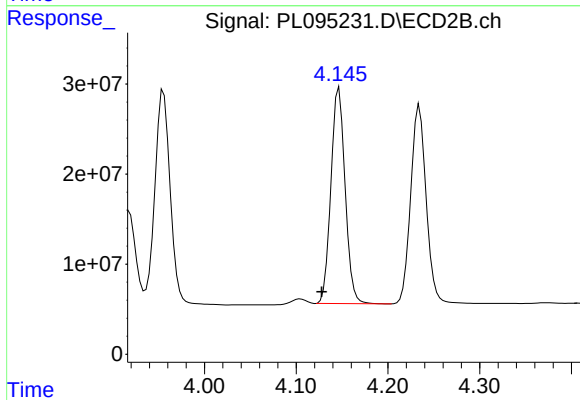
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: 0.004 min
Response: 209981943
Conc: 53.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167576BS

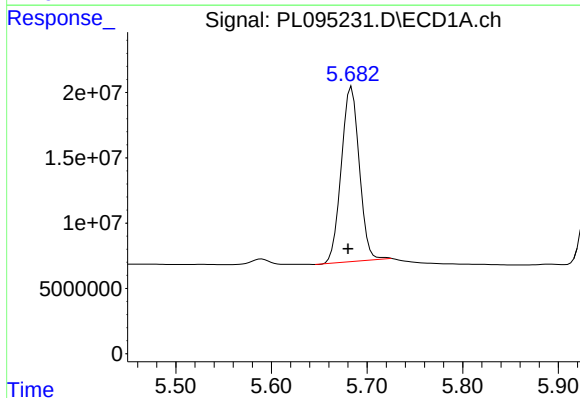
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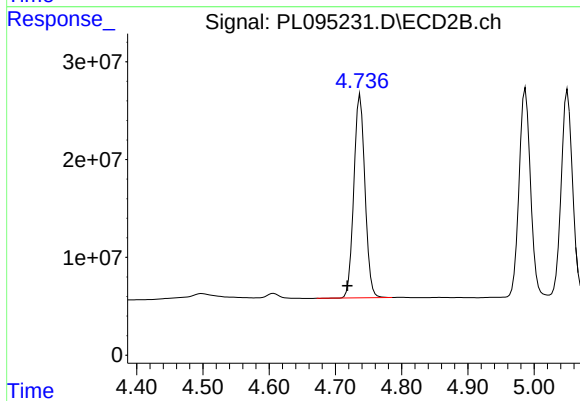
#7 delta-BHC

R.T.: 4.147 min
Delta R.T.: 0.019 min
Response: 258492296
Conc: 50.00 ng/ml



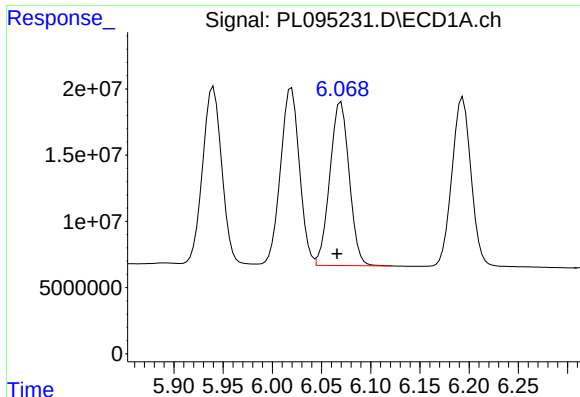
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.004 min
Response: 175837647
Conc: 54.76 ng/ml



#8 Heptachlor epoxide

R.T.: 4.737 min
Delta R.T.: 0.019 min
Response: 242174040
Conc: 53.01 ng/ml



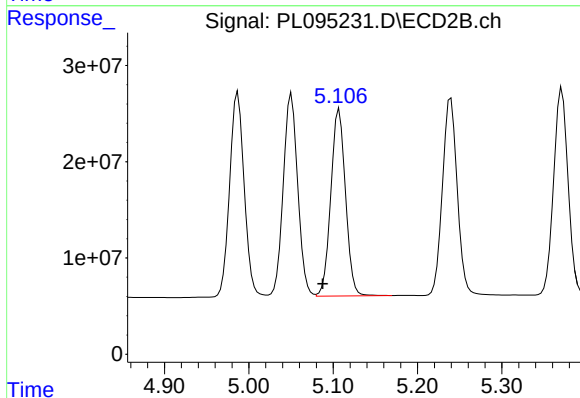
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: 0.004 min
Response: 169176166
Conc: 54.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167576BS

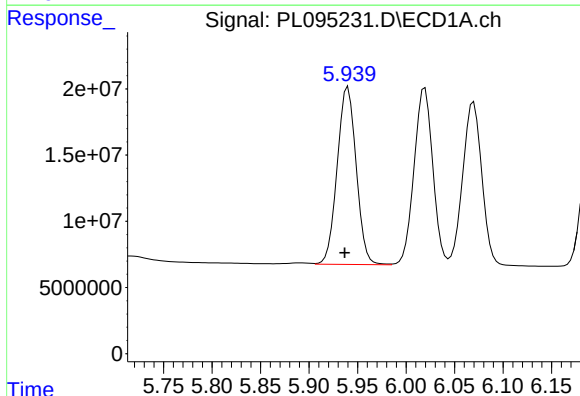
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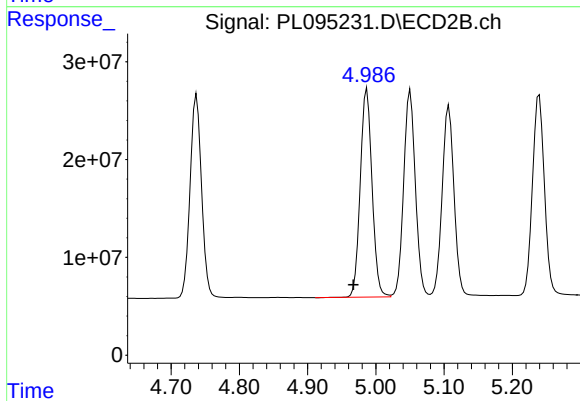
#9 Endosulfan I

R.T.: 5.107 min
Delta R.T.: 0.020 min
Response: 235332849
Conc: 54.21 ng/ml



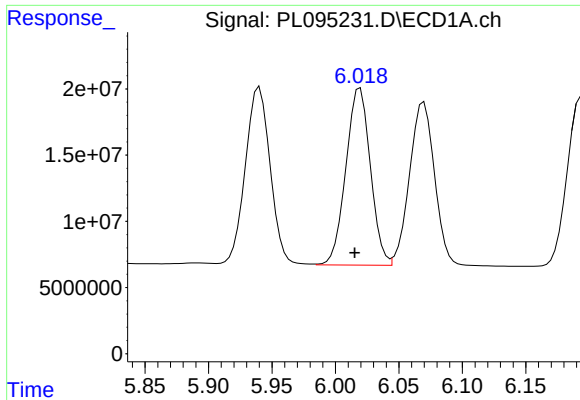
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.003 min
Response: 182605395
Conc: 54.66 ng/ml



#10 gamma-Chlordane

R.T.: 4.987 min
Delta R.T.: 0.019 min
Response: 255754756
Conc: 53.10 ng/ml



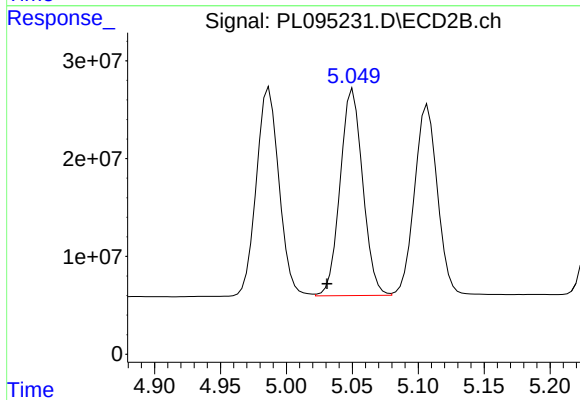
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.004 min
Response: 179480119
Conc: 54.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167576BS

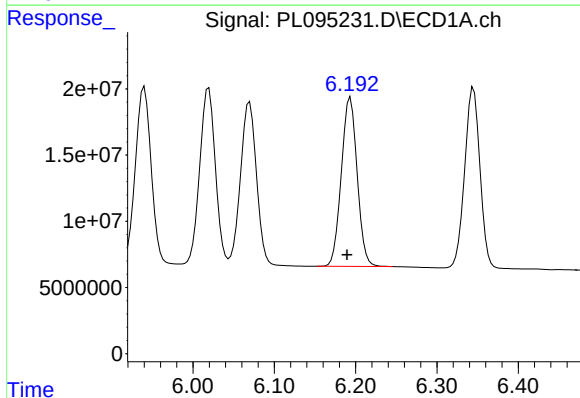
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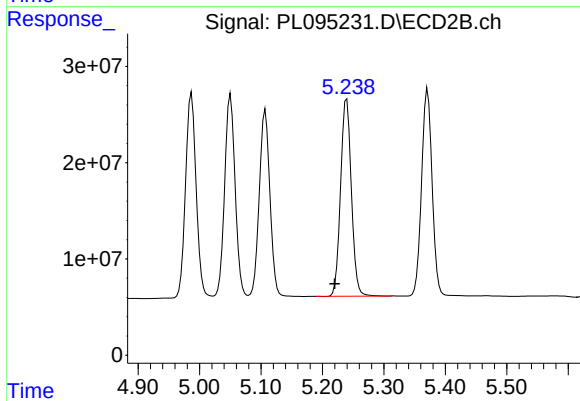
#11 alpha-Chlordane

R.T.: 5.050 min
Delta R.T.: 0.019 min
Response: 251805853
Conc: 53.13 ng/ml



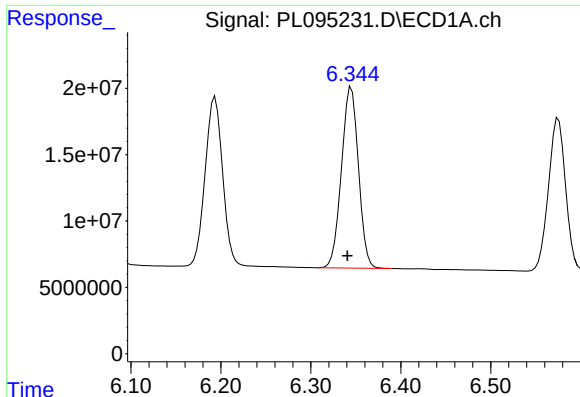
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.004 min
Response: 172426400
Conc: 52.73 ng/ml



#12 4,4'-DDE

R.T.: 5.239 min
Delta R.T.: 0.019 min
Response: 249934581
Conc: 51.91 ng/ml



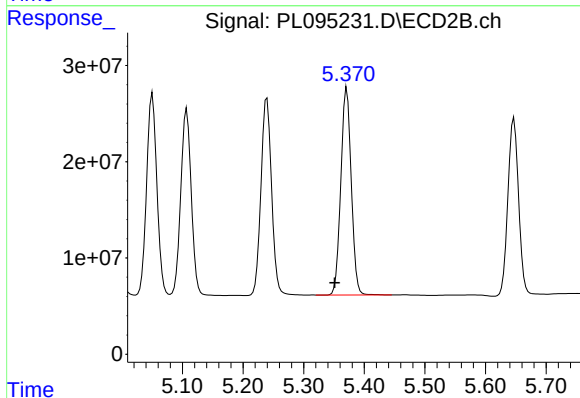
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.004 min
Response: 178969496
Conc: 54.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167576BS

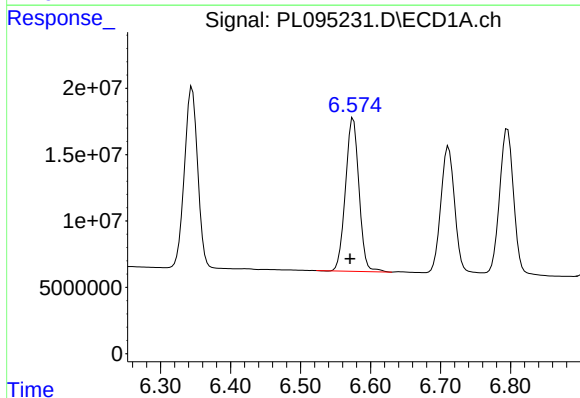
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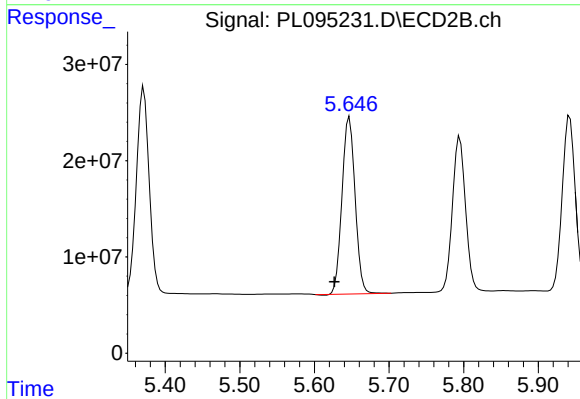
#13 Dieldrin

R.T.: 5.371 min
Delta R.T.: 0.020 min
Response: 256882156
Conc: 53.52 ng/ml



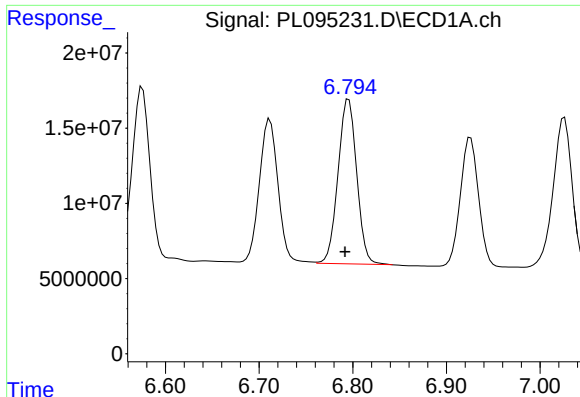
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.004 min
Response: 154962229
Conc: 59.46 ng/ml



#14 Endrin

R.T.: 5.647 min
Delta R.T.: 0.020 min
Response: 223572092
Conc: 53.52 ng/ml



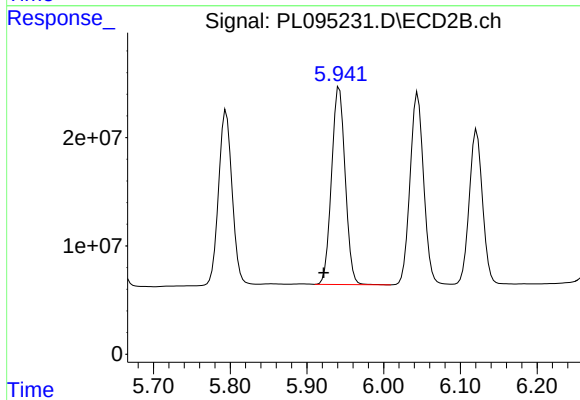
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: 0.004 min
Response: 151933591
Conc: 53.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167576BS

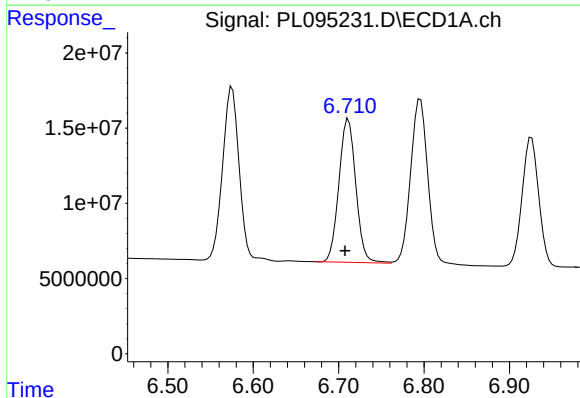
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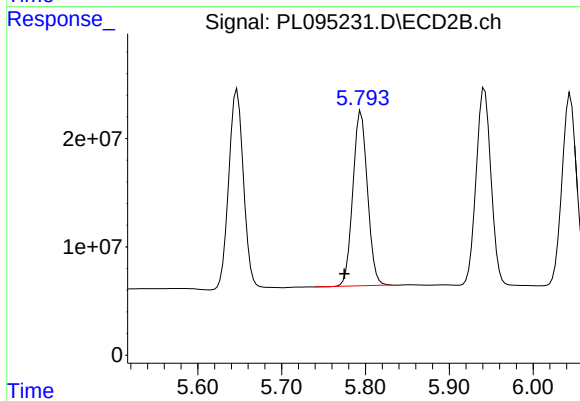
#15 Endosulfan II

R.T.: 5.942 min
Delta R.T.: 0.020 min
Response: 225284595
Conc: 51.31 ng/ml



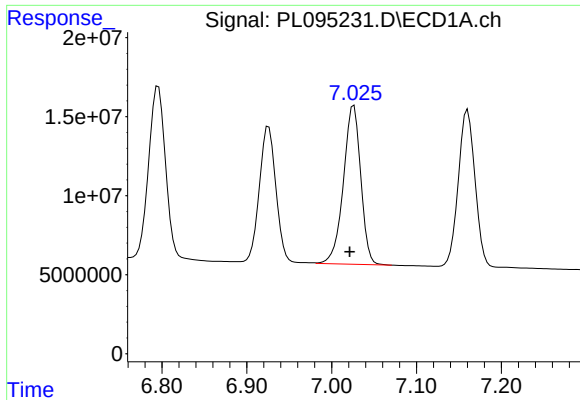
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.004 min
Response: 131300474
Conc: 51.71 ng/ml



#16 4,4'-DDD

R.T.: 5.795 min
Delta R.T.: 0.020 min
Response: 195764594
Conc: 50.33 ng/ml



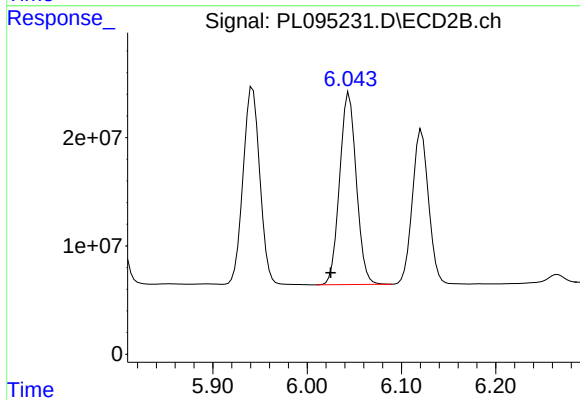
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.005 min
Response: 142473997
Conc: 55.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167576BS

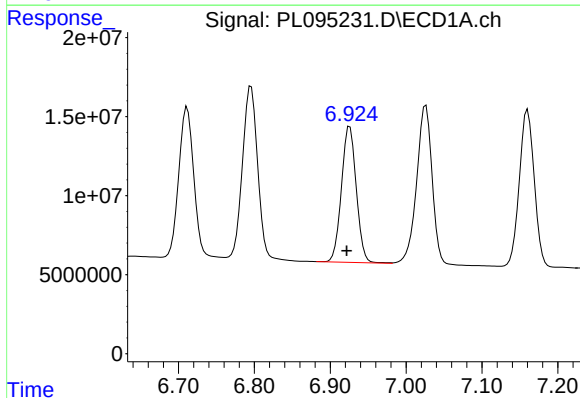
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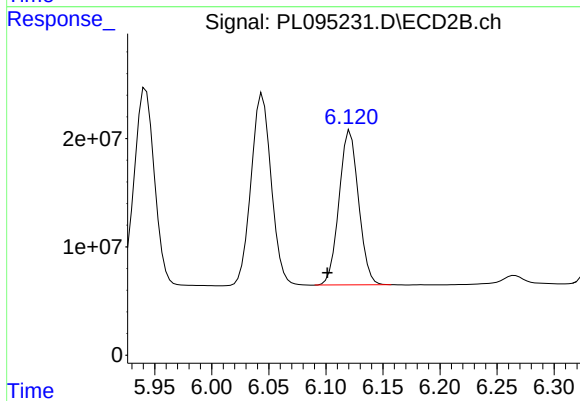
#17 4,4'-DDT

R.T.: 6.044 min
Delta R.T.: 0.019 min
Response: 218123010
Conc: 52.36 ng/ml



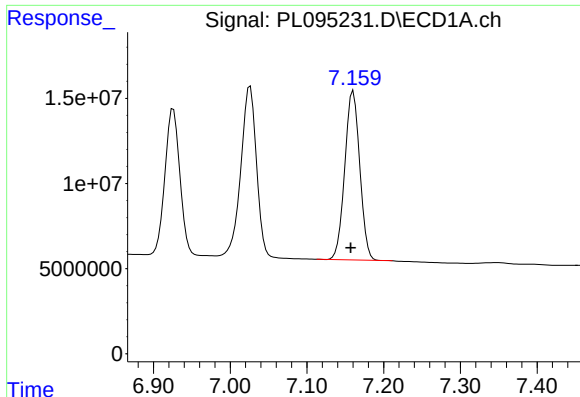
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: 0.004 min
Response: 117122822
Conc: 53.21 ng/ml



#18 Endrin aldehyde

R.T.: 6.120 min
Delta R.T.: 0.018 min
Response: 169681523
Conc: 50.35 ng/ml m



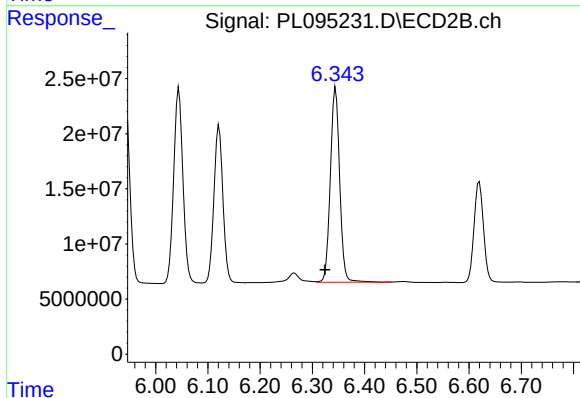
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: 0.003 min
Response: 135496146
Conc: 52.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167576BS

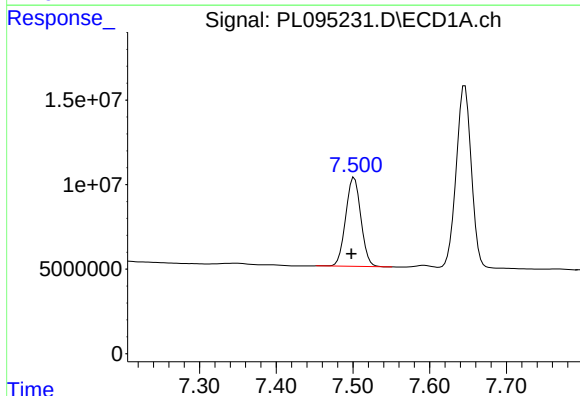
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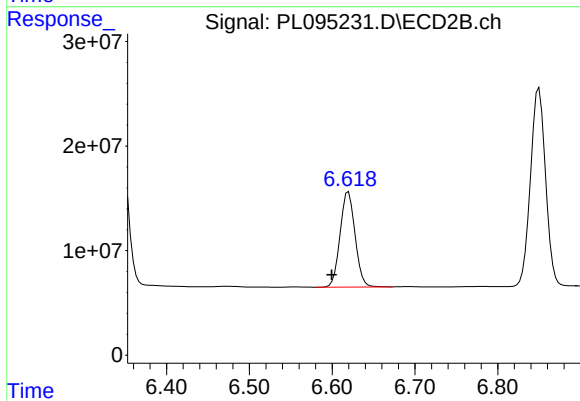
#19 Endosulfan Sulfate

R.T.: 6.345 min
Delta R.T.: 0.020 min
Response: 219381928
Conc: 52.53 ng/ml



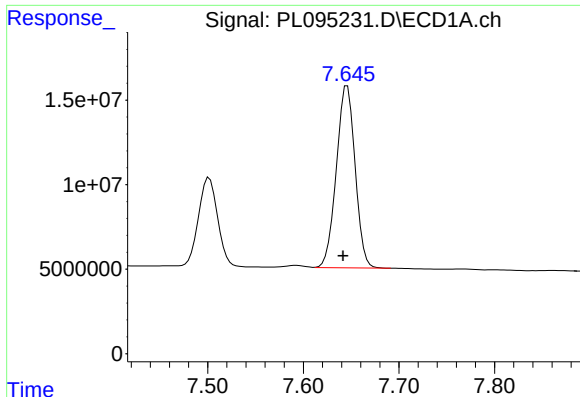
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.004 min
Response: 72716131
Conc: 54.29 ng/ml



#20 Methoxychlor

R.T.: 6.620 min
Delta R.T.: 0.020 min
Response: 114735525
Conc: 51.09 ng/ml



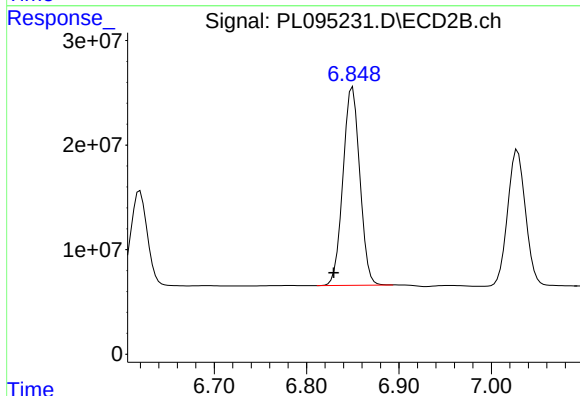
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: 0.004 min
Response: 146734017
Conc: 50.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167576BS

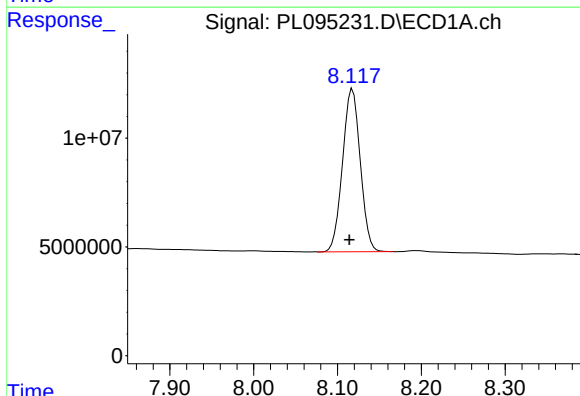
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APPROVED

Reviewed By :Abdul Mirza 04/16/2025
Supervised By :mohammad ahmed 04/16/2025



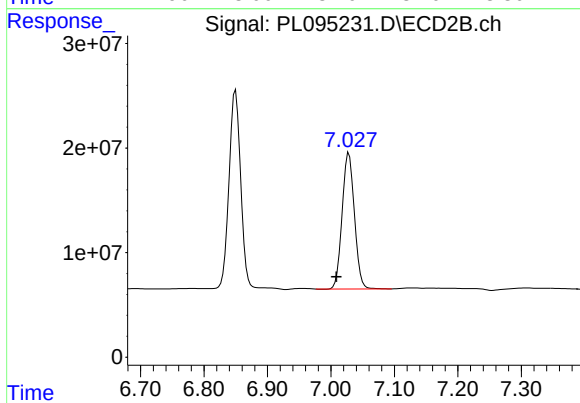
#21 Endrin ketone

R.T.: 6.848 min
Delta R.T.: 0.019 min
Response: 240378183
Conc: 47.67 ng/ml m



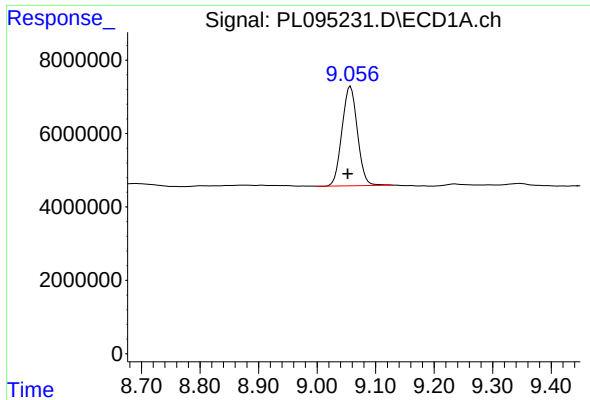
#22 Mirex

R.T.: 8.118 min
Delta R.T.: 0.004 min
Response: 110221187
Conc: 51.81 ng/ml



#22 Mirex

R.T.: 7.028 min
Delta R.T.: 0.020 min
Response: 174990601
Conc: 44.51 ng/ml



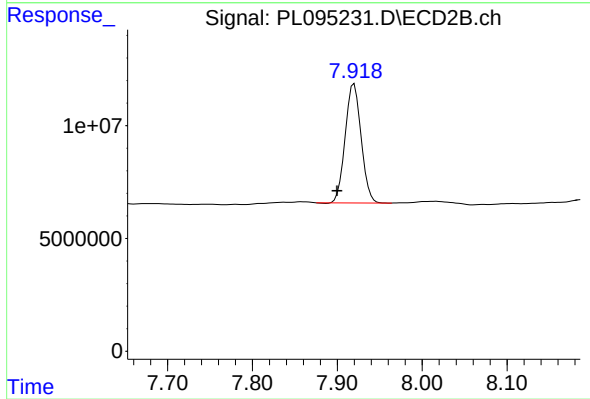
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: 0.005 min
Response: 49534603
Conc: 20.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167576BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: 0.020 min
Response: 68732759
Conc: 15.62 ng/ml