

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040325\
 Data File : PL095035.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Apr 2025 13:49
 Operator : AR\AJ
 Sample : Q1694-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-18MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/04/2025
 Supervised By : mohammad ahmed 04/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 02:36:29 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...	3.535	2.769	52627768	65113040	18.592	18.243
2) SA Decachlor...	9.049	7.900	41525187	71300138	19.704	17.651
Target Compounds						
2) A alpha-BHC	3.991	3.269	182.8E6	261.3E6	44.028	48.475m
3) MA gamma-BHC...	4.324	3.599	177.1E6	244.1E6	44.383	47.498m
4) MA Heptachlor	4.911	3.938	170.5E6	240.9E6	43.927	45.724
5) MB Aldrin	5.253	4.217	164.4E6	227.3E6	44.534	46.617
6) B beta-BHC	4.523	3.901	82994304	106.0E6	44.978	47.717
7) B delta-BHC	4.770	4.129	175.7E6	230.1E6	45.111	46.001
8) B Heptachlo...	5.680	4.719	150.6E6	215.0E6	45.020	46.959
9) A Endosulfan I	6.065	5.088	145.6E6	207.5E6	47.412	47.291
10) B gamma-Chl...	5.935	4.967	150.5E6	227.2E6	44.677	47.058m
11) B alpha-Chl...	6.015	5.032	155.2E6	223.7E6	47.076	46.873
12) B 4,4'-DDE	6.189	5.221	154.3E6	228.8E6	52.442	49.219
13) MA Dieldrin	6.340	5.352	152.7E6	229.7E6	47.748	47.336
14) MA Endrin	6.570	5.627	129.0E6	214.2E6	46.544	49.087m
15) B Endosulfa...	6.789	5.922	122.7E6	207.8E6	45.195m	48.003m
16) A 4,4'-DDD	6.705	5.776	118.4E6	185.3E6	54.675m	51.521
17) MA 4,4'-DDT	7.020	6.025	119.6E6	201.9E6	50.270	50.077
18) B Endrin al...	6.920	6.102	101.5E6	158.8E6	48.074	47.183
19) B Endosulfa...	7.155	6.325	117.3E6	195.9E6	48.230	48.097
20) A Methoxychlor	7.497	6.600	61982708	109.0E6	51.779	51.389
21) B Endrin ke...	7.640	6.828	133.0E6	236.7E6	50.330	49.599m
22) Mirex	8.113	7.008	95011875	175.5E6	45.982	46.236m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040325\
Data File : PL095035.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Apr 2025 13:49
Operator : AR\AJ
Sample : Q1694-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

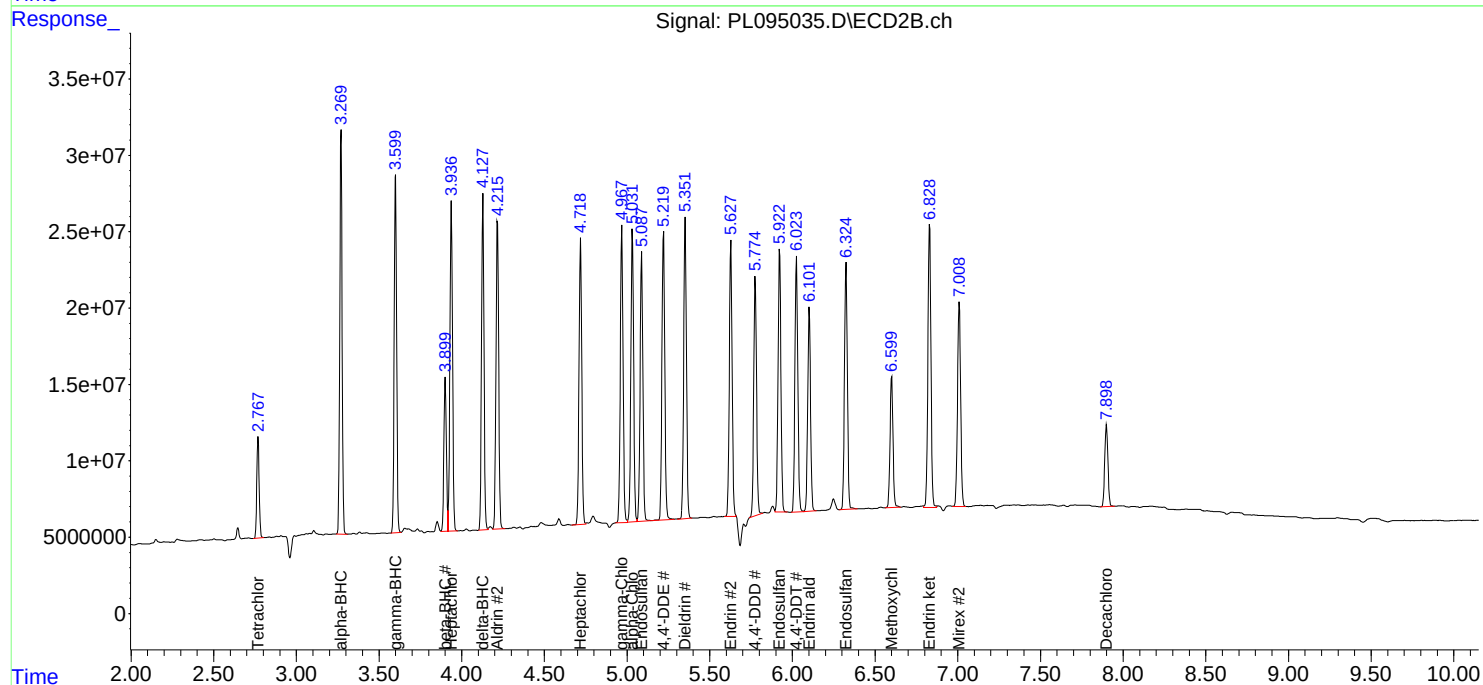
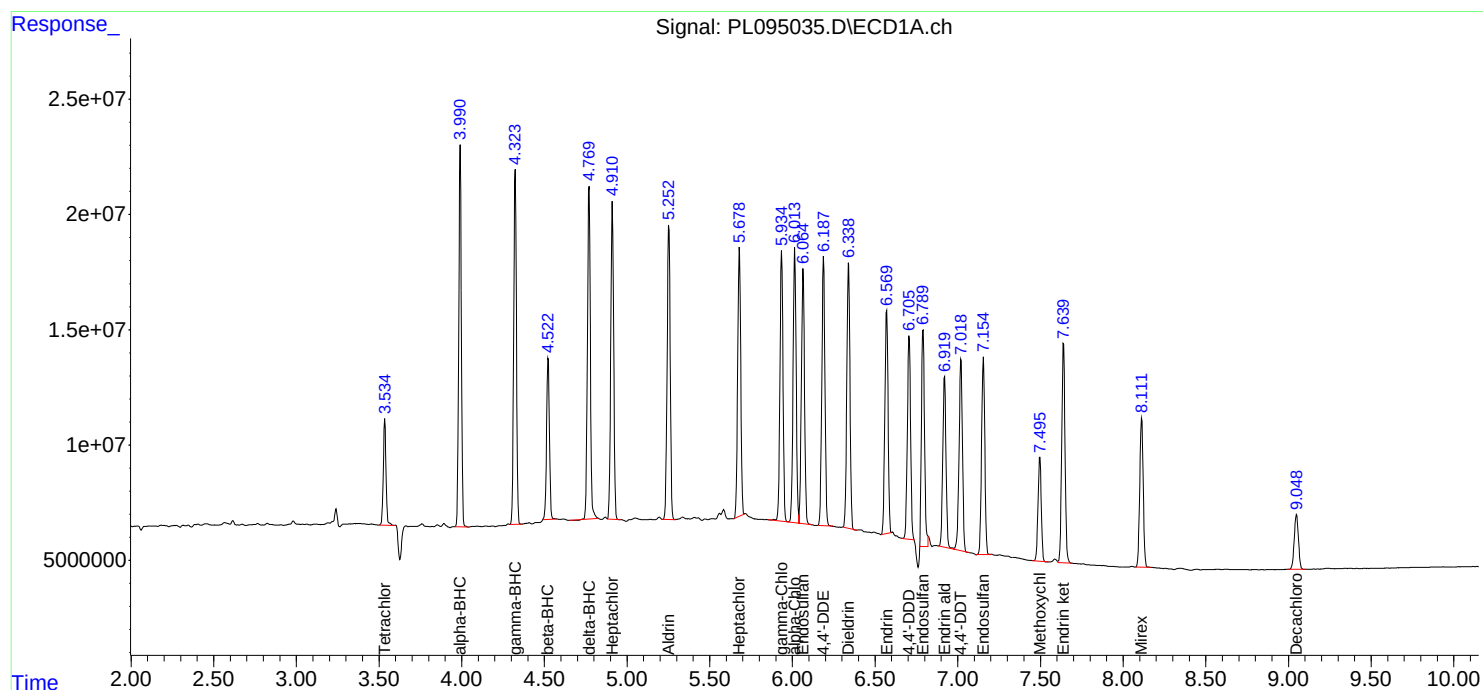
Instrument :
ECD_L
ClientSampleId :
TP-18MSD

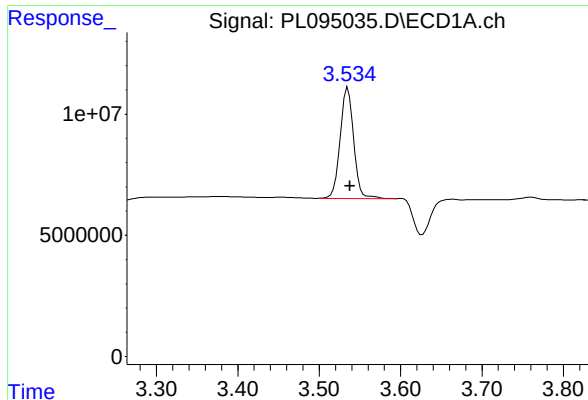
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/04/2025
Supervised By :mohammad ahmed 04/05/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 04 02:36:29 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





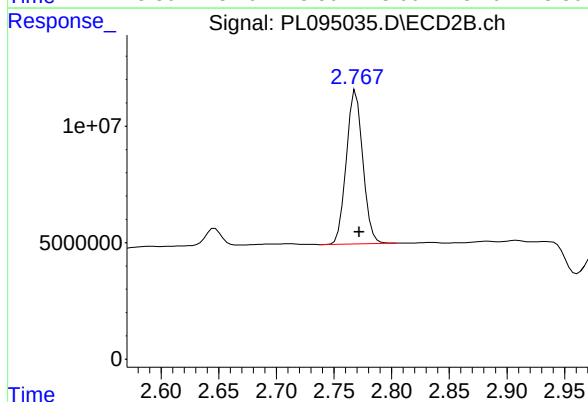
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 52627768
Conc: 18.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-18MSD

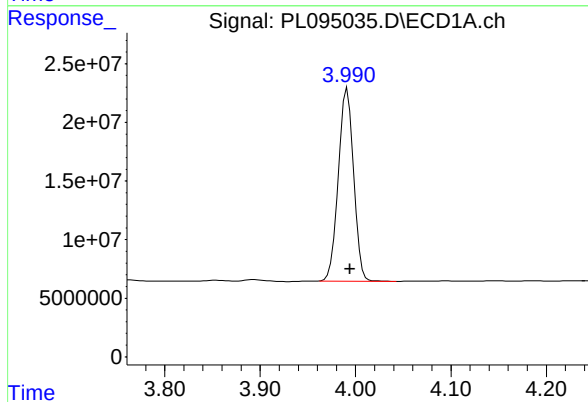
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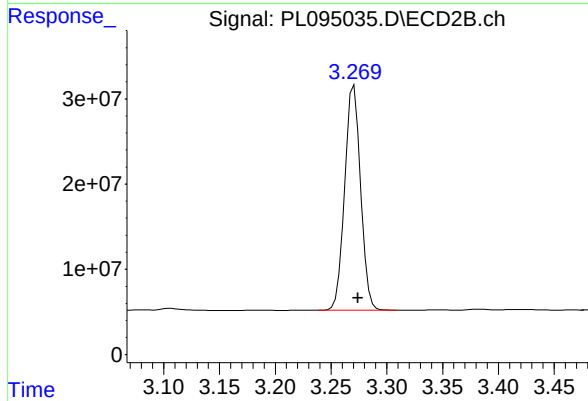
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 65113040
Conc: 18.24 ng/ml



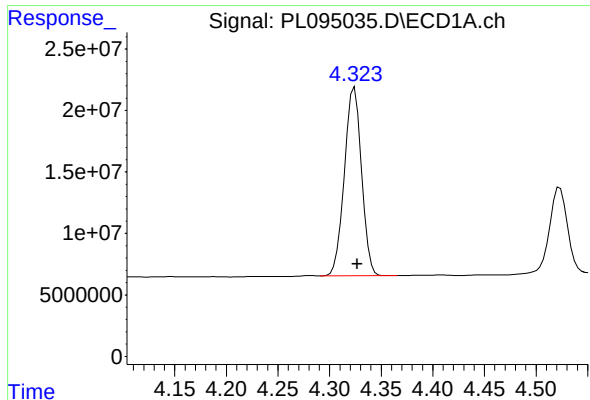
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.003 min
Response: 182818802
Conc: 44.03 ng/ml



#2 alpha-BHC

R.T.: 3.269 min
Delta R.T.: -0.005 min
Response: 261346632
Conc: 48.47 ng/ml m



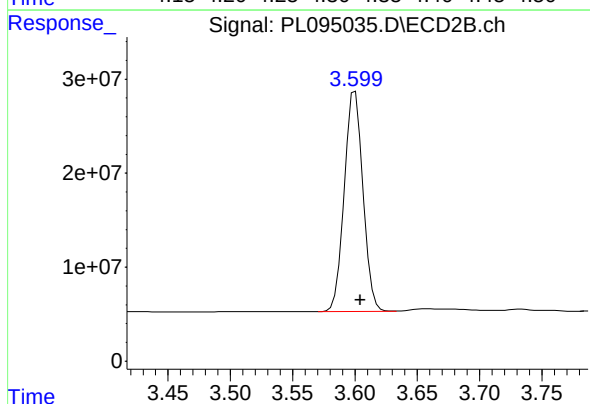
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 177101398
Conc: 44.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-18MSD

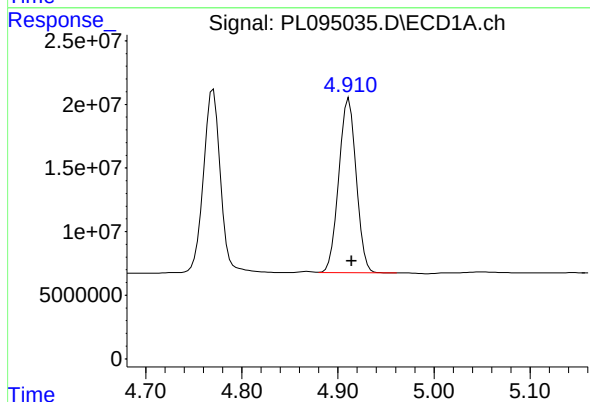
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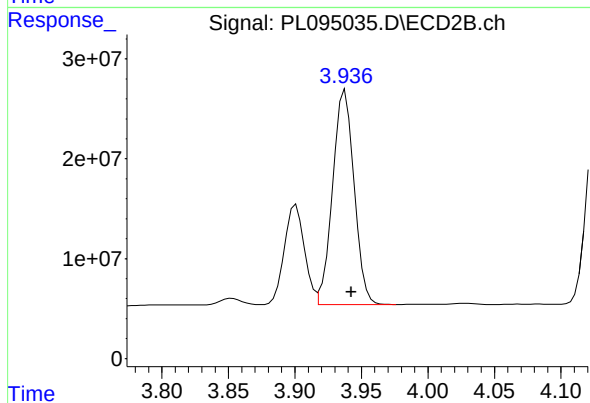
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: -0.005 min
Response: 244115928
Conc: 47.50 ng/ml



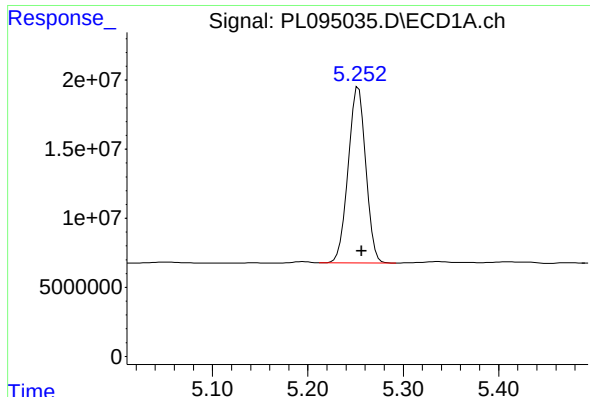
#4 Heptachlor

R.T.: 4.911 min
Delta R.T.: -0.003 min
Response: 170510008
Conc: 43.93 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: -0.005 min
Response: 240904095
Conc: 45.72 ng/ml



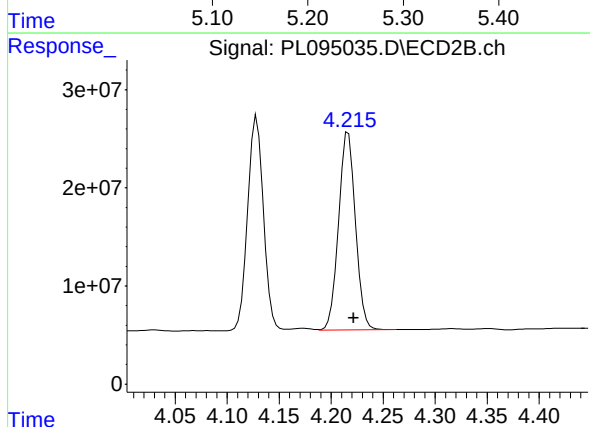
#5 Aldrin

R.T.: 5.253 min
Delta R.T.: -0.003 min
Response: 164427779
Conc: 44.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-18MSD

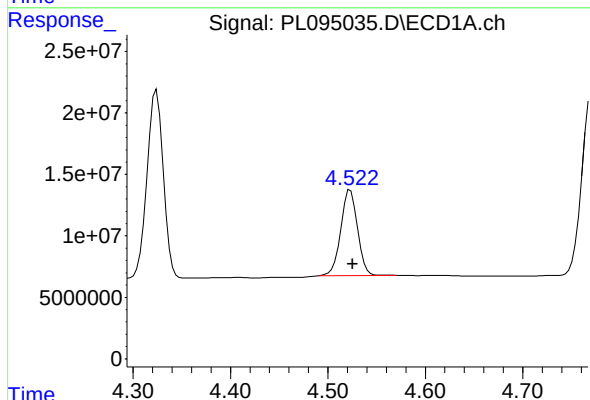
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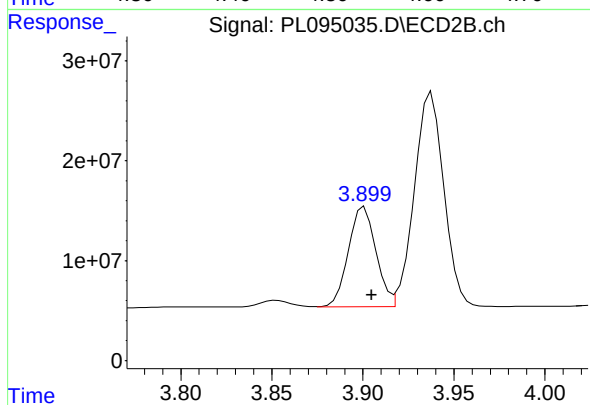
#5 Aldrin

R.T.: 4.217 min
Delta R.T.: -0.005 min
Response: 227321873
Conc: 46.62 ng/ml



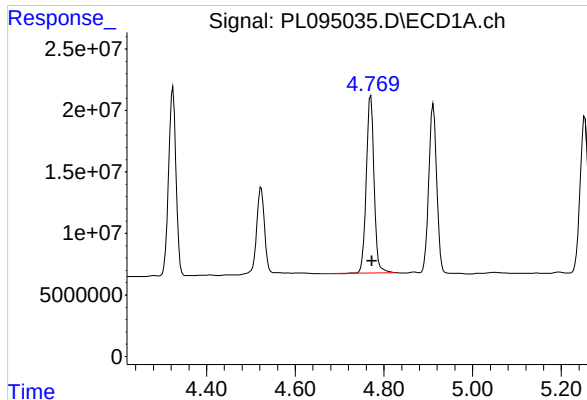
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 82994304
Conc: 44.98 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: -0.004 min
Response: 105993711
Conc: 47.72 ng/ml



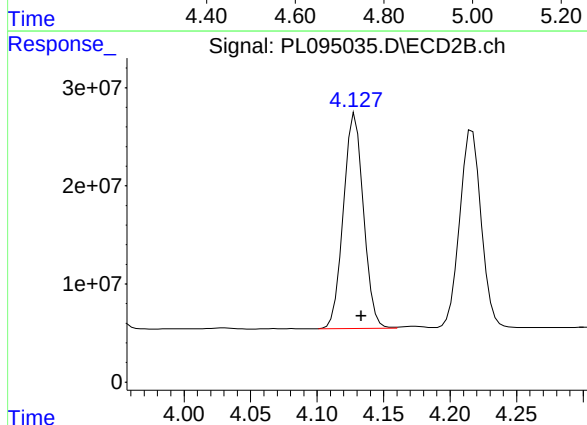
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.002 min
Response: 175677043
Conc: 45.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-18MSD

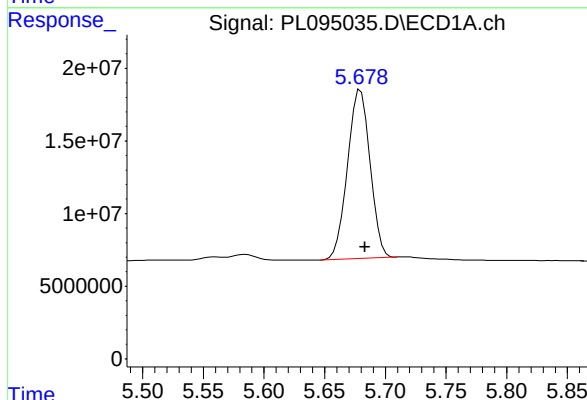
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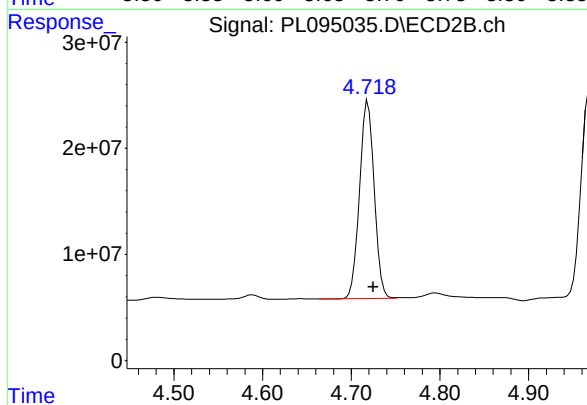
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: -0.005 min
Response: 230096558
Conc: 46.00 ng/ml



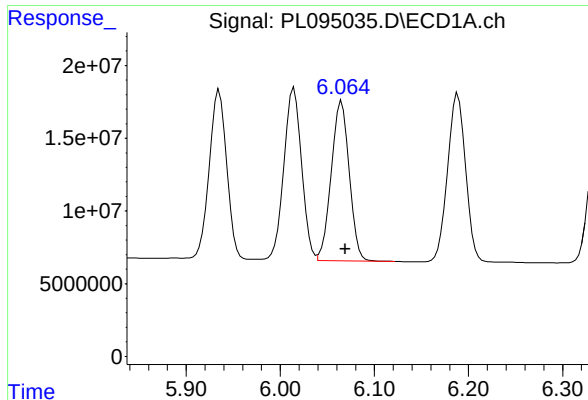
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 150601743
Conc: 45.02 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: -0.006 min
Response: 215007009
Conc: 46.96 ng/ml



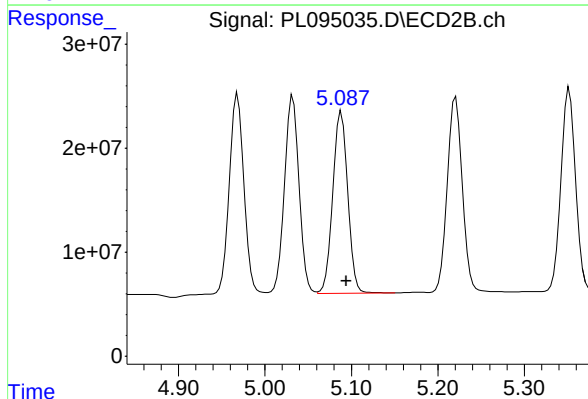
#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: -0.004 min
Response: 145564959
Conc: 47.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-18MSD

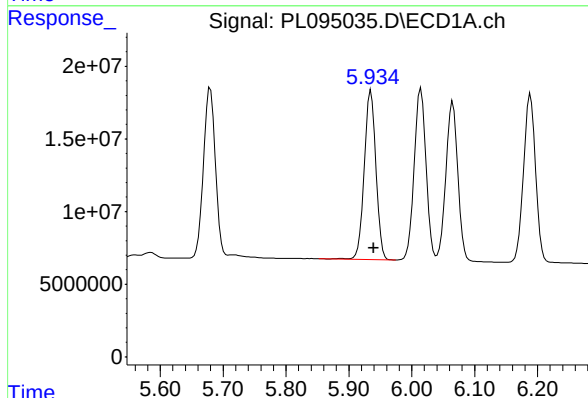
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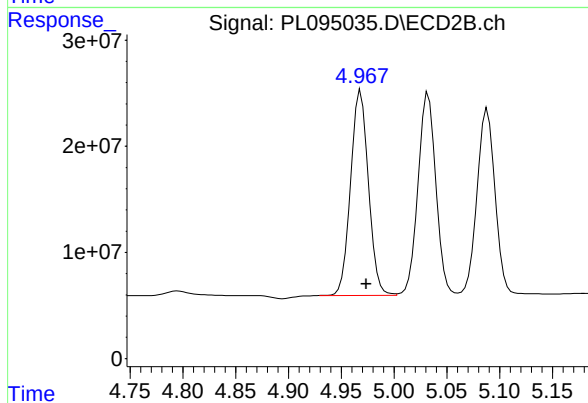
#9 Endosulfan I

R.T.: 5.088 min
Delta R.T.: -0.006 min
Response: 207546242
Conc: 47.29 ng/ml



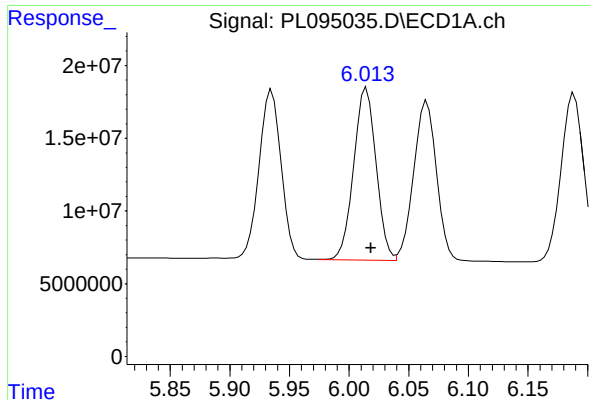
#10 gamma-Chlordane

R.T.: 5.935 min
Delta R.T.: -0.004 min
Response: 150531661
Conc: 44.68 ng/ml



#10 gamma-Chlordane

R.T.: 4.967 min
Delta R.T.: -0.007 min
Response: 227213894
Conc: 47.06 ng/ml m



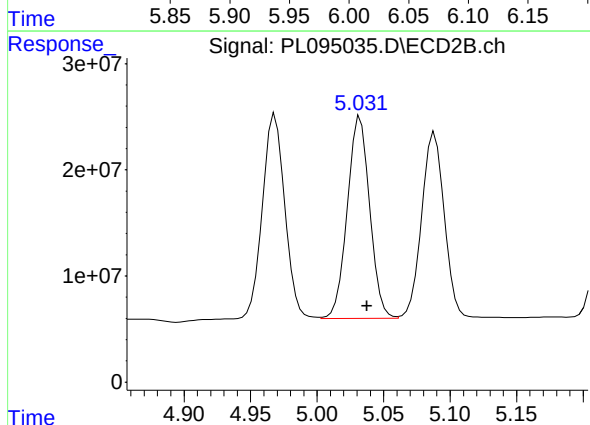
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: -0.004 min
Response: 155203319
Conc: 47.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-18MSD

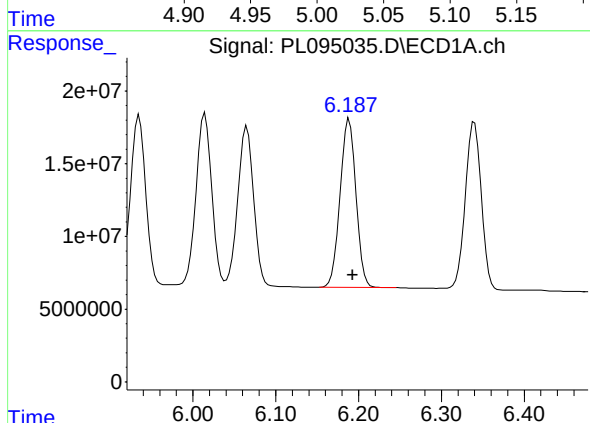
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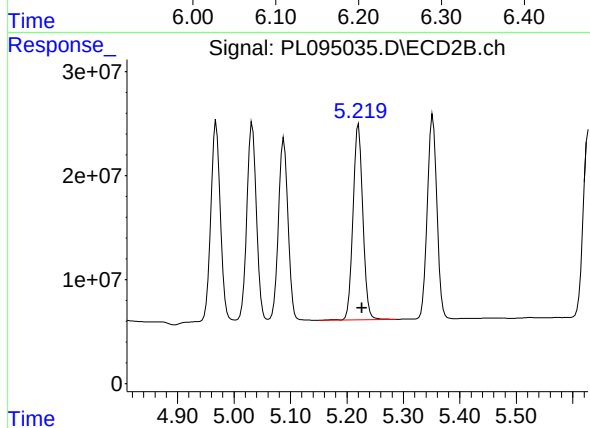
#11 alpha-Chlordane

R.T.: 5.032 min
Delta R.T.: -0.005 min
Response: 223713014
Conc: 46.87 ng/ml



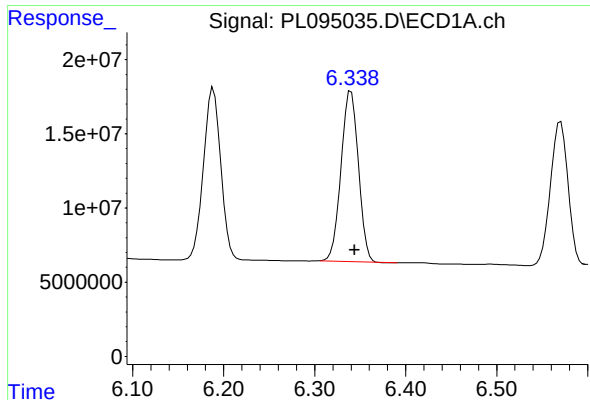
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 154286708
Conc: 52.44 ng/ml



#12 4,4'-DDE

R.T.: 5.221 min
Delta R.T.: -0.006 min
Response: 228793988
Conc: 49.22 ng/ml



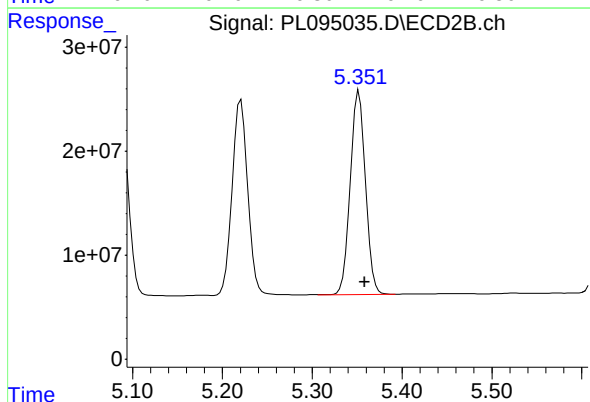
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 152703995
Conc: 47.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-18MSD

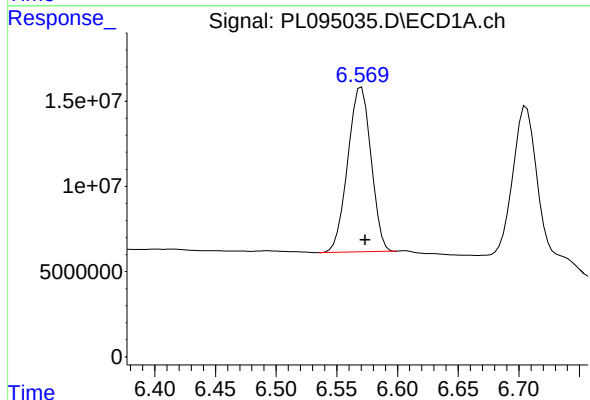
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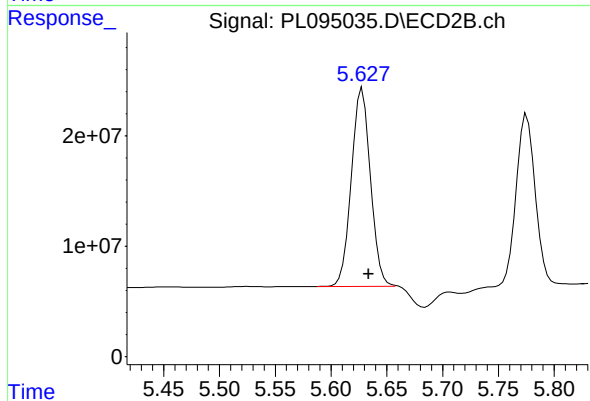
#13 Dieldrin

R.T.: 5.352 min
Delta R.T.: -0.006 min
Response: 229663656
Conc: 47.34 ng/ml



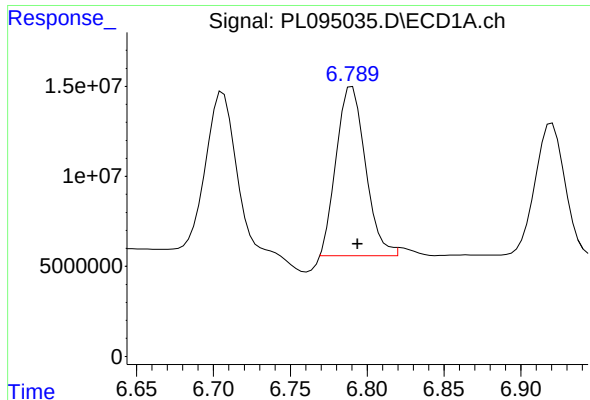
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.003 min
Response: 129023985
Conc: 46.54 ng/ml



#14 Endrin

R.T.: 5.627 min
Delta R.T.: -0.007 min
Response: 214197433
Conc: 49.09 ng/ml m



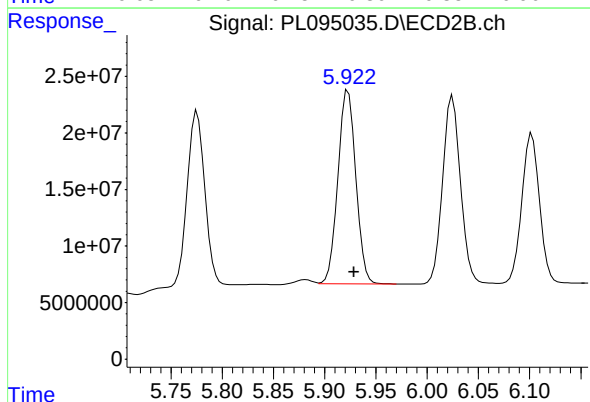
#15 Endosulfan II

R.T.: 6.789 min
Delta R.T.: -0.005 min
Response: 122693592
Conc: 45.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-18MSD

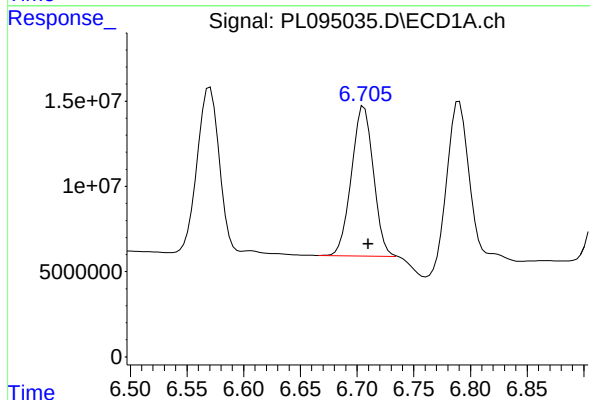
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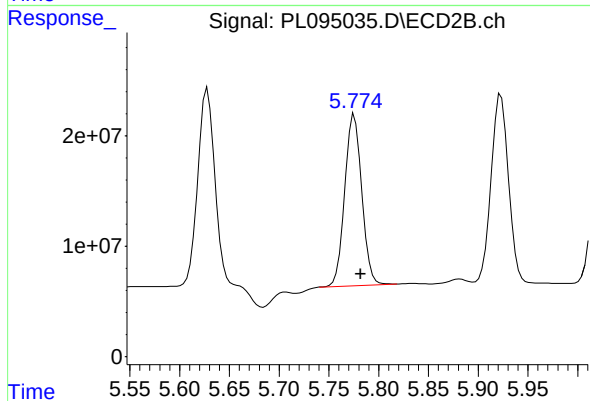
#15 Endosulfan II

R.T.: 5.922 min
Delta R.T.: -0.007 min
Response: 207767453
Conc: 48.00 ng/ml m



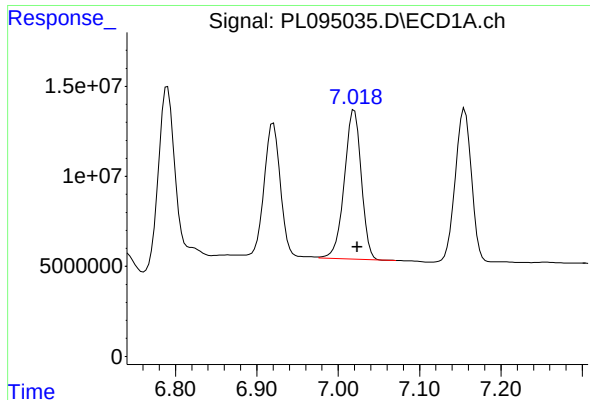
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: -0.005 min
Response: 118429074
Conc: 54.67 ng/ml m



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: -0.006 min
Response: 185263805
Conc: 51.52 ng/ml



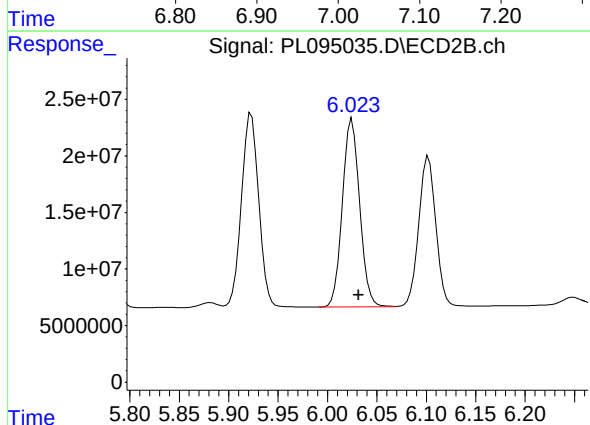
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.004 min
Response: 119569712
Conc: 50.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-18MSD

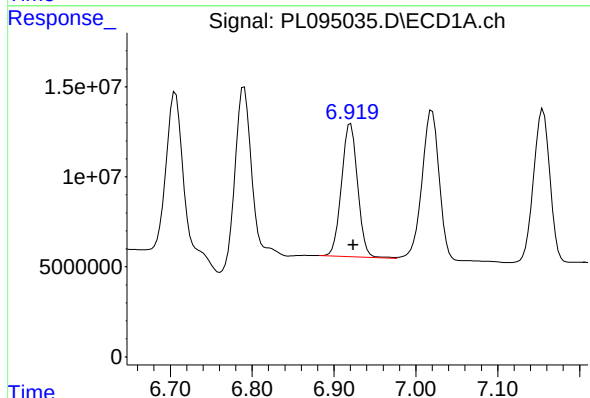
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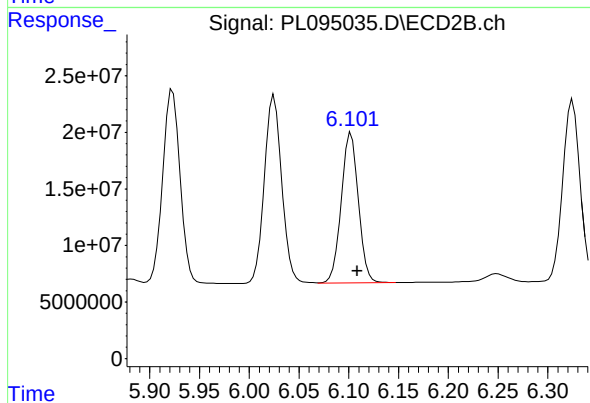
#17 4,4'-DDT

R.T.: 6.025 min
Delta R.T.: -0.007 min
Response: 201916766
Conc: 50.08 ng/ml



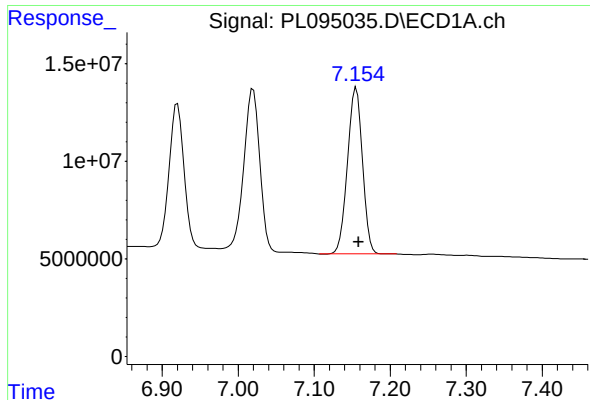
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: -0.003 min
Response: 101483002
Conc: 48.07 ng/ml



#18 Endrin aldehyde

R.T.: 6.102 min
Delta R.T.: -0.006 min
Response: 158789076
Conc: 47.18 ng/ml



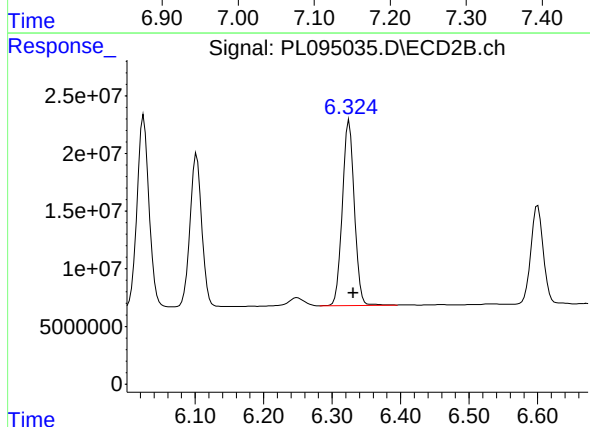
#19 Endosulfan Sulfate

R.T.: 7.155 min
Delta R.T.: -0.003 min
Response: 117297405
Conc: 48.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-18MSD

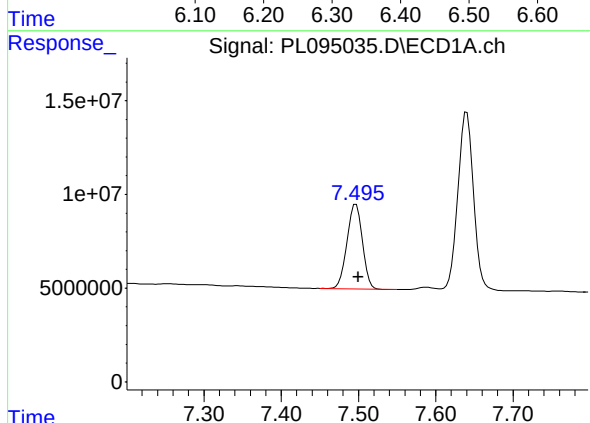
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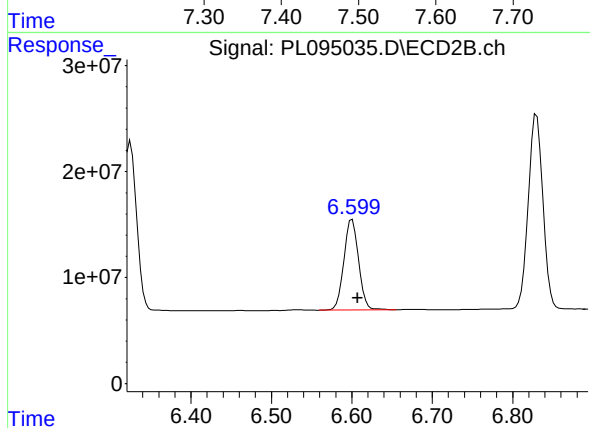
#19 Endosulfan Sulfate

R.T.: 6.325 min
Delta R.T.: -0.006 min
Response: 195921884
Conc: 48.10 ng/ml



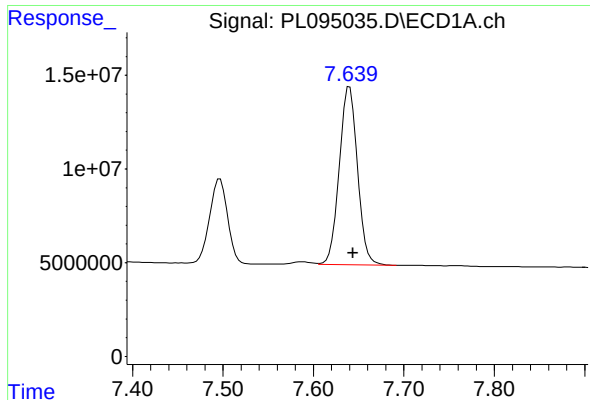
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: -0.003 min
Response: 61982708
Conc: 51.78 ng/ml



#20 Methoxychlor

R.T.: 6.600 min
Delta R.T.: -0.007 min
Response: 108998912
Conc: 51.39 ng/ml



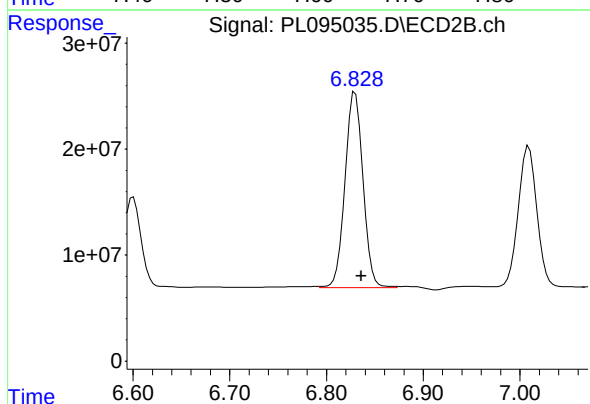
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: -0.004 min
Response: 133036375
Conc: 50.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-18MSD

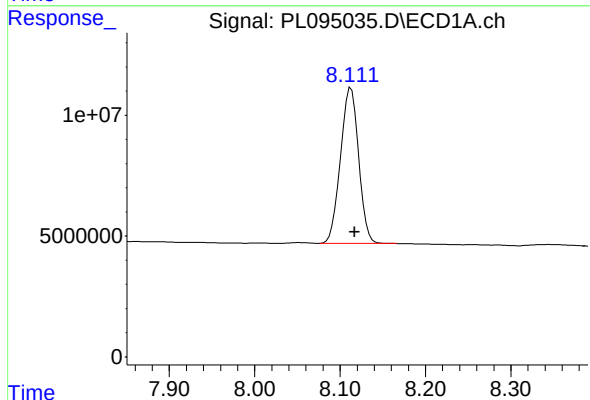
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/04/2025
Supervised By :mohammad ahmed 04/05/2025



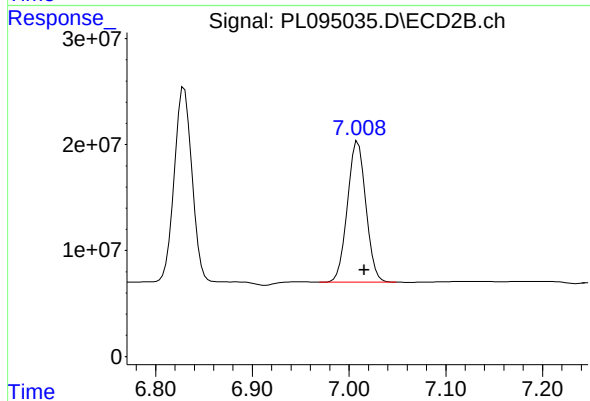
#21 Endrin ketone

R.T.: 6.828 min
Delta R.T.: -0.008 min
Response: 236716773
Conc: 49.60 ng/ml m



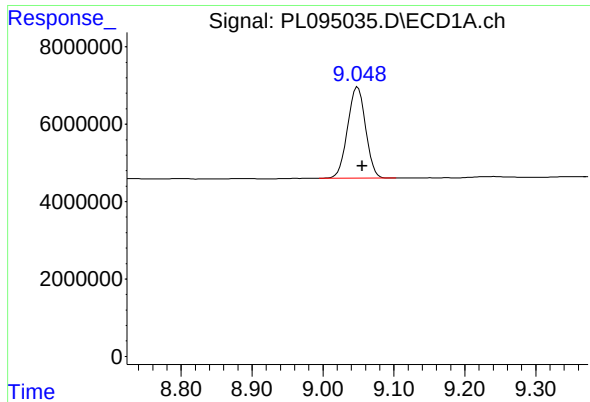
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.004 min
Response: 95011875
Conc: 45.98 ng/ml



#22 Mirex

R.T.: 7.008 min
Delta R.T.: -0.008 min
Response: 175480467
Conc: 46.24 ng/ml m



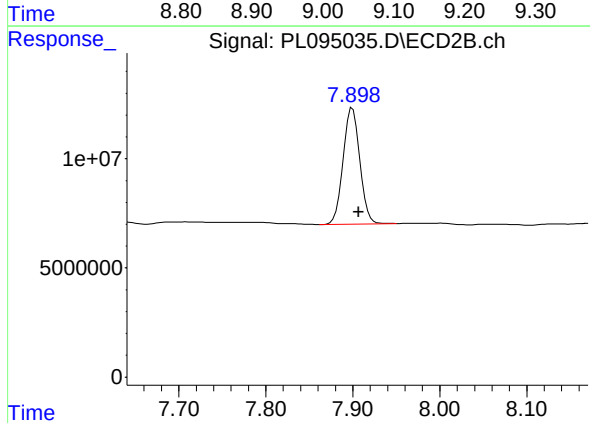
#28 Decachlorobiphenyl

R.T.: 9.049 min
Delta R.T.: -0.007 min
Response: 41525187
Conc: 19.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-18MSD

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#28 Decachlorobiphenyl

R.T.: 7.900 min
Delta R.T.: -0.007 min
Response: 71300138
Conc: 17.65 ng/ml