

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041625\
 Data File : PL095256.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Apr 2025 11:45
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/17/2025
 Supervised By :mohammad ahmed 04/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 17 01:14:08 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...	3.542	2.767	156.8E6	207.6E6	57.175	55.797
28)	SA Decachlor...	9.064	7.903	138.1E6	259.2E6	57.350	58.922
Target Compounds							
2)	A alpha-BHC	3.999	3.270	193.7E6	262.8E6	48.200	47.459
3)	MA gamma-BHC...	4.332	3.599	186.7E6	248.0E6	48.540	47.115
4)	MA Heptachlor	4.920	3.937	185.2E6	257.0E6	50.510	49.425
5)	MB Aldrin	5.261	4.216	179.3E6	240.9E6	50.820	49.435
6)	B beta-BHC	4.531	3.900	84169797	108.7E6	48.007	46.918
7)	B delta-BHC	4.777	4.128	192.3E6	250.2E6	49.064m	48.403
8)	B Heptachlo...	5.689	4.719	166.3E6	230.9E6	51.783	50.540
9)	A Endosulfan I	6.075	5.088	158.3E6	218.3E6	51.086	50.289
10)	B gamma-Chl...	5.945	4.969	171.2E6	245.0E6	51.265	50.873
11)	B alpha-Chl...	6.024	5.032	168.7E6	239.9E6	50.810	50.626
12)	B 4,4'-DDE	6.198	5.220	162.8E6	242.2E6	49.784	50.299m
13)	MA Dieldrin	6.350	5.353	165.8E6	247.5E6	50.323	51.568
14)	MA Endrin	6.579	5.629	140.0E6	225.7E6	53.704m	54.023
15)	B Endosulfa...	6.800	5.925	141.0E6	225.5E6	49.443	51.361
16)	A 4,4'-DDD	6.716	5.777	124.2E6	201.2E6	48.931	51.717
17)	MA 4,4'-DDT	7.030	6.027	127.4E6	215.6E6	50.029	51.758
18)	B Endrin al...	6.931	6.104	105.1E6	167.6E6	47.772	49.730
19)	B Endosulfa...	7.166	6.327	127.5E6	221.3E6	49.637	52.997
20)	A Methoxychlor	7.508	6.603	65981043	115.3E6	49.260	51.322
21)	B Endrin ke...	7.650	6.831	140.0E6	251.3E6	48.504	49.849m
22)	Mirex	8.123	7.011	105.7E6	194.7E6	49.673	49.518

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041625\
Data File : PL095256.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Apr 2025 11:45
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

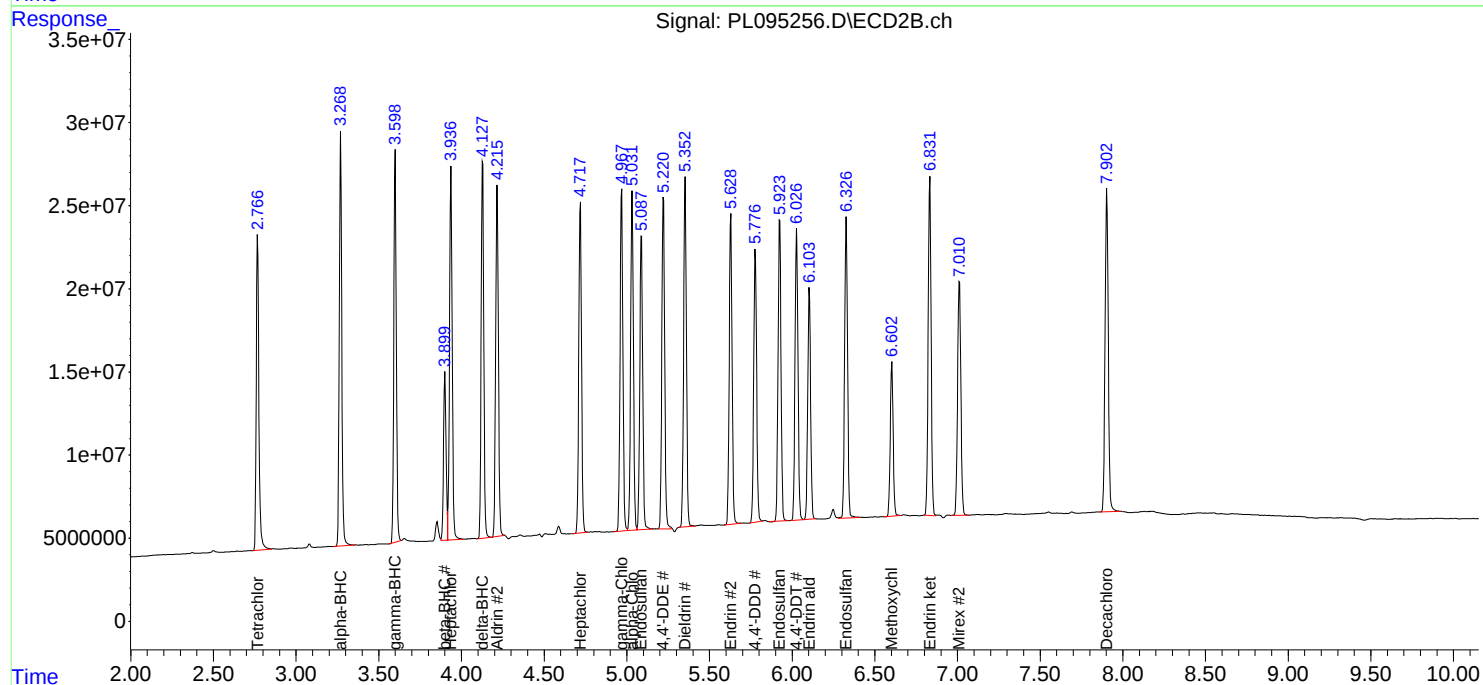
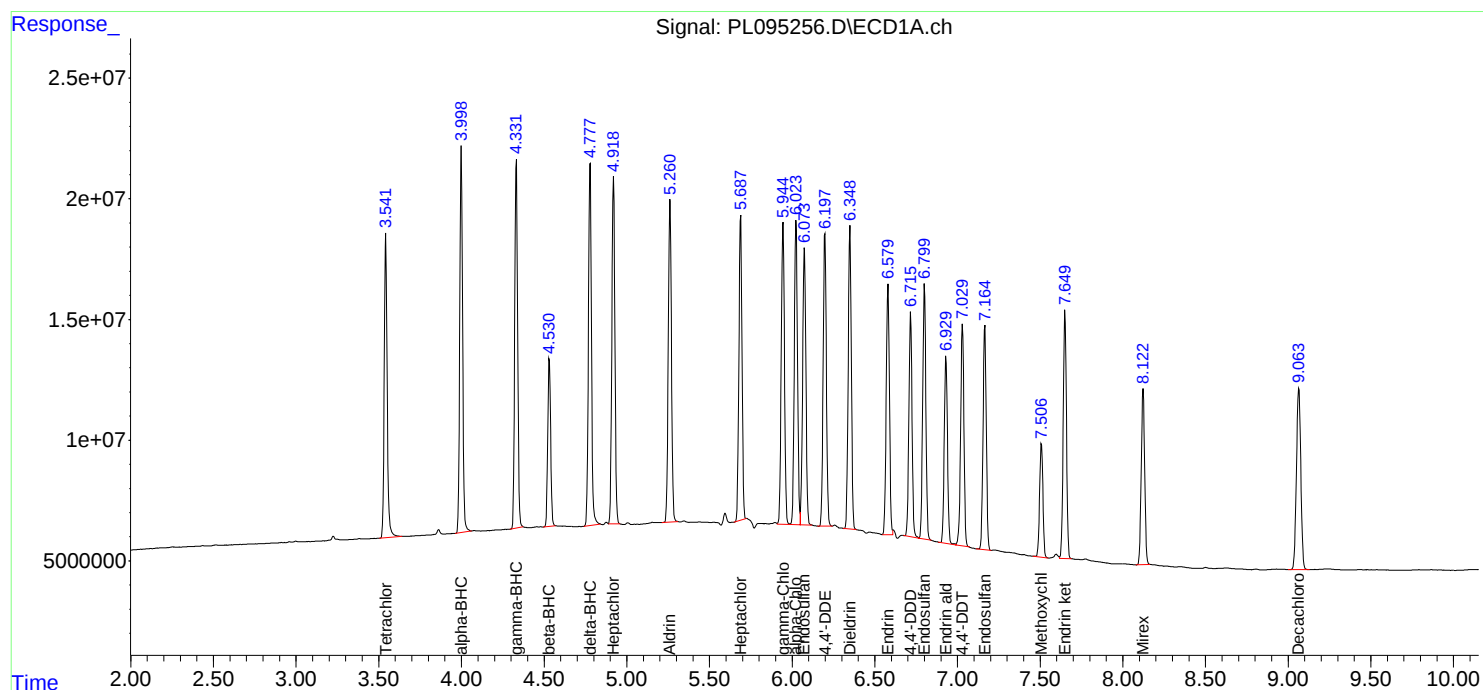
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

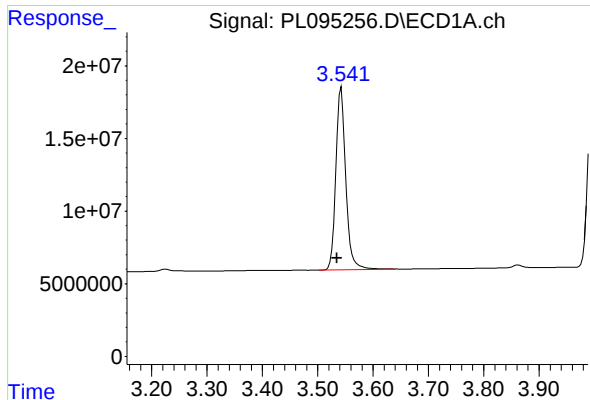
Manual Integrations
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Supervised By :mohammad ahmed 04/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 17 01:14:08 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





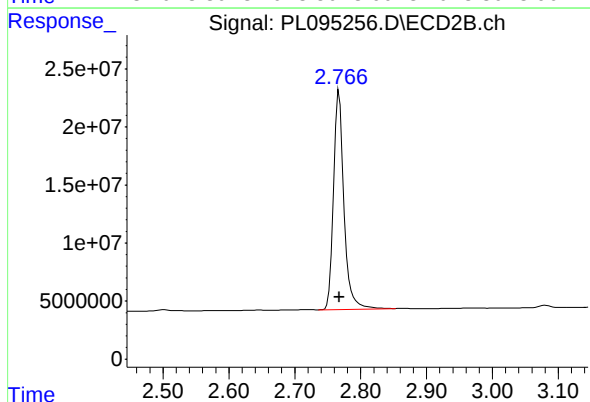
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: 0.007 min
Response: 156847857
Conc: 57.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

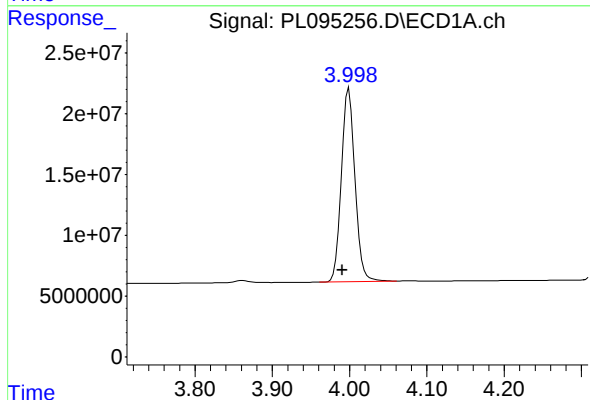
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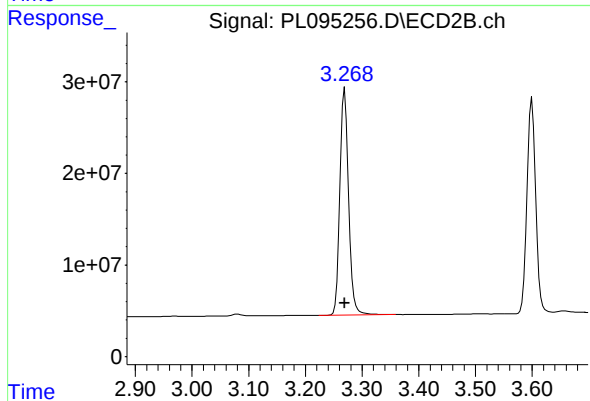
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 207633205
Conc: 55.80 ng/ml



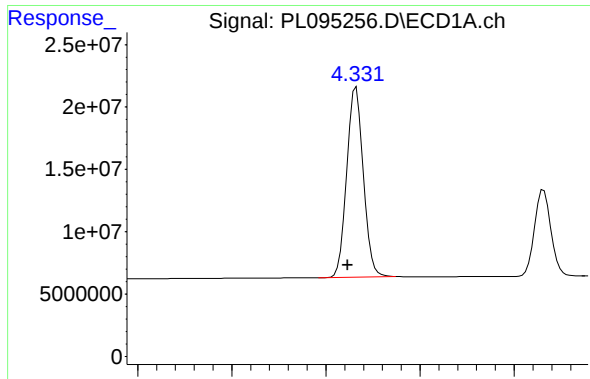
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.009 min
Response: 193720772
Conc: 48.20 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 262804579
Conc: 47.46 ng/ml



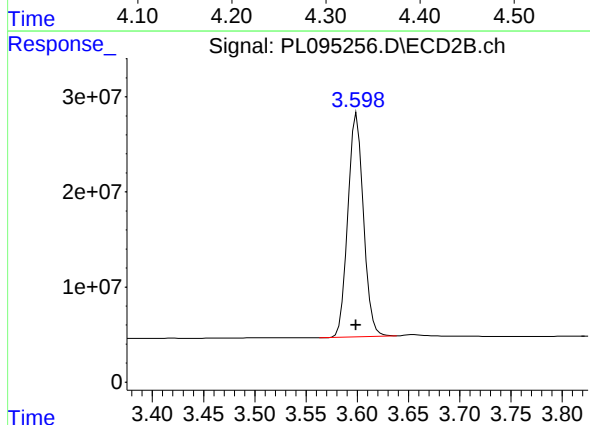
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.009 min
Response: 186662870
Conc: 48.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

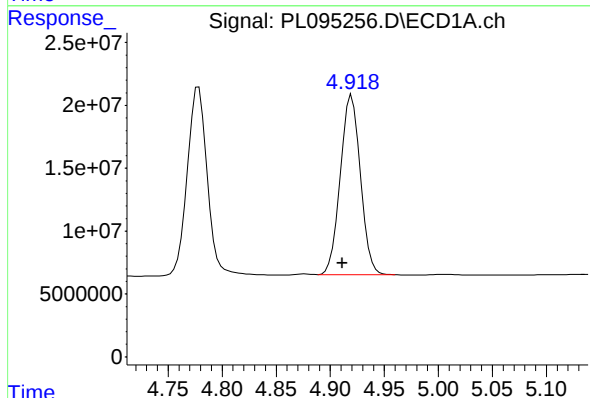
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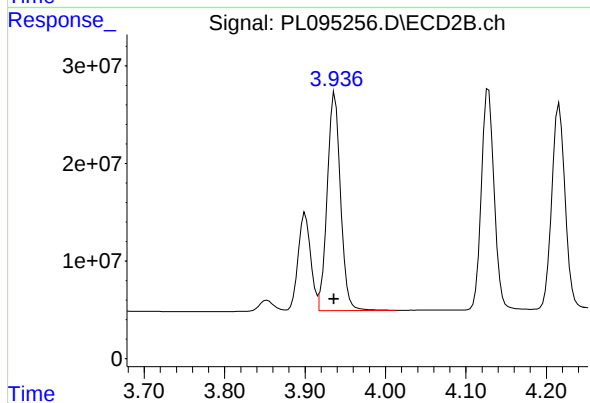
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 247972122
Conc: 47.12 ng/ml



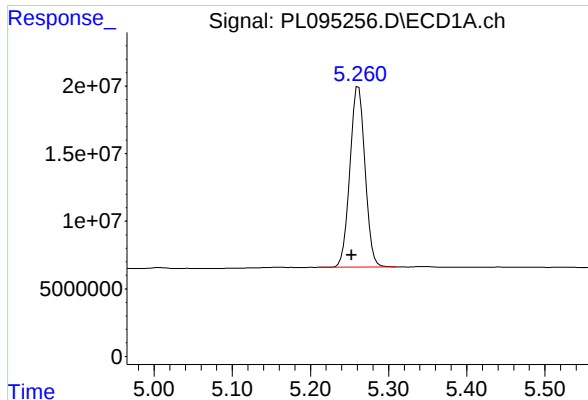
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.009 min
Response: 185189156
Conc: 50.51 ng/ml



#4 Heptachlor

R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 256982766
Conc: 49.42 ng/ml



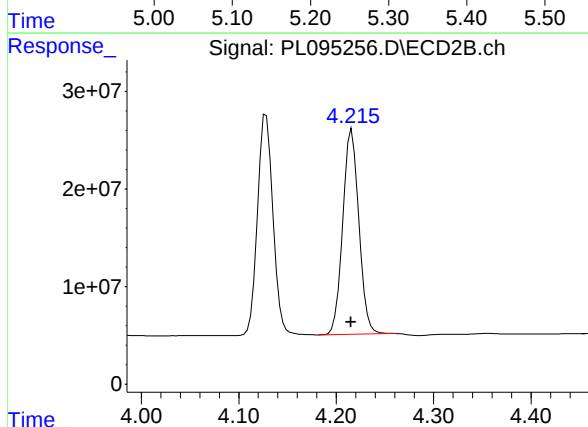
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: 0.009 min
Response: 179349606
Conc: 50.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

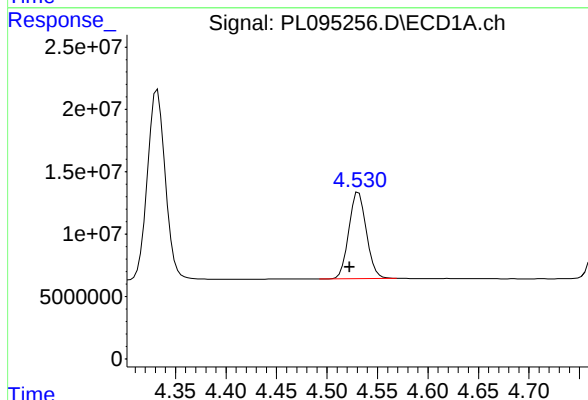
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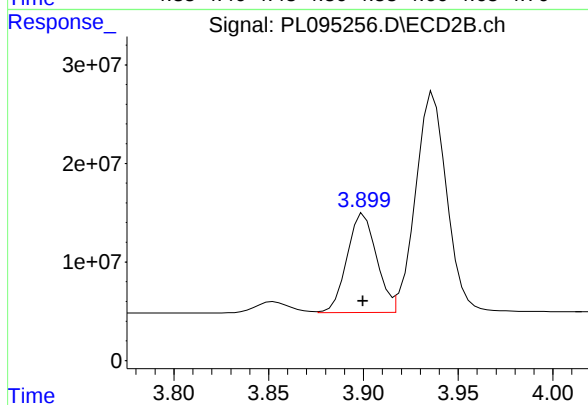
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: 0.000 min
Response: 240921052
Conc: 49.43 ng/ml



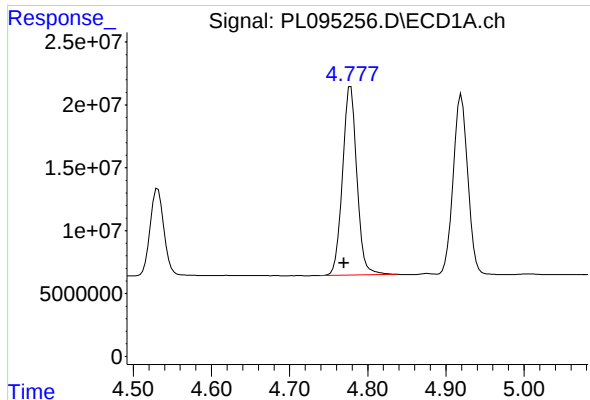
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.009 min
Response: 84169797
Conc: 48.01 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 108714868
Conc: 46.92 ng/ml



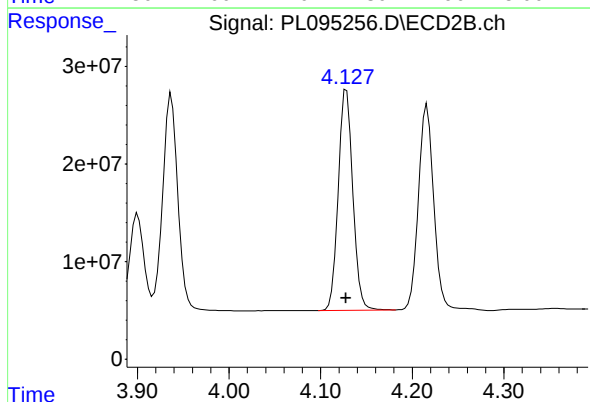
#7 delta-BHC

R.T.: 4.777 min
Delta R.T.: 0.007 min
Response: 192264399
Conc: 49.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

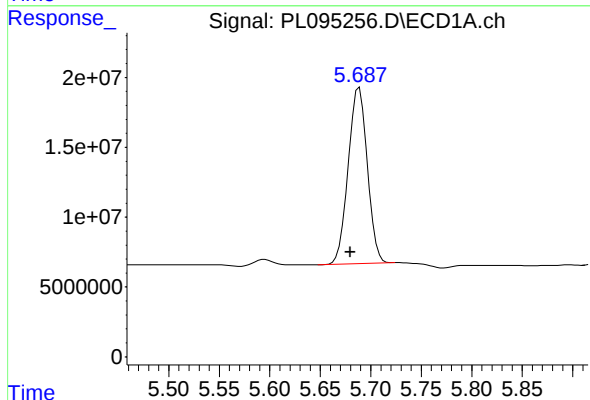
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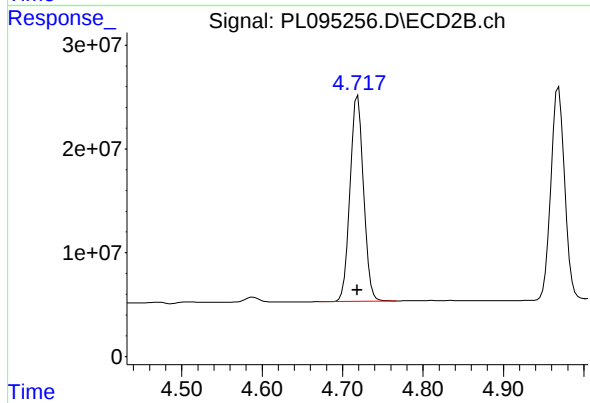
#7 delta-BHC

R.T.: 4.128 min
Delta R.T.: 0.000 min
Response: 250246229
Conc: 48.40 ng/ml



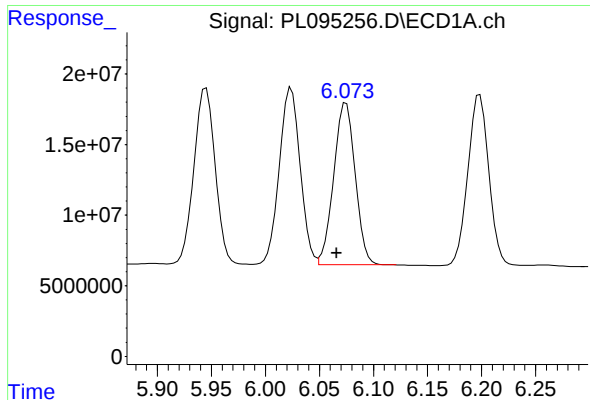
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.009 min
Response: 166264695
Conc: 51.78 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 230898679
Conc: 50.54 ng/ml



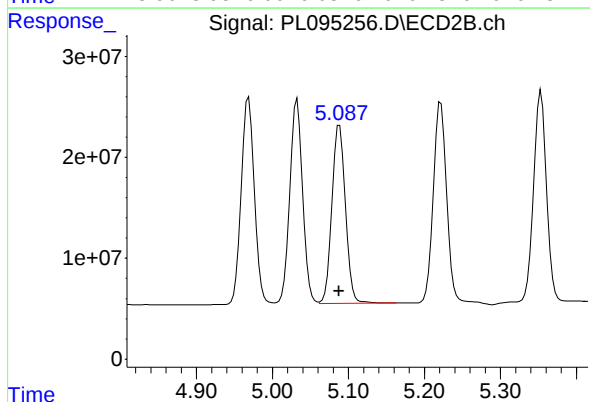
#9 Endosulfan I

R.T.: 6.075 min
Delta R.T.: 0.009 min
Response: 158285096
Conc: 51.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

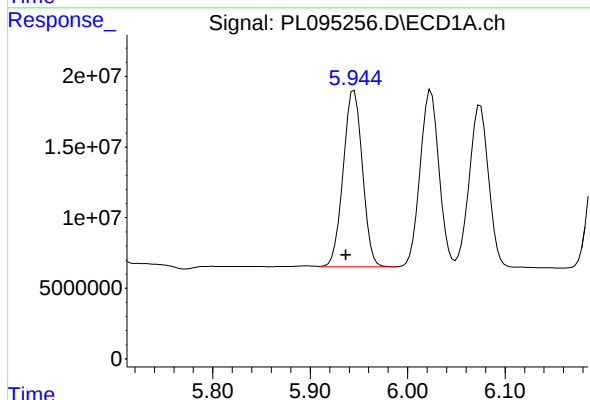
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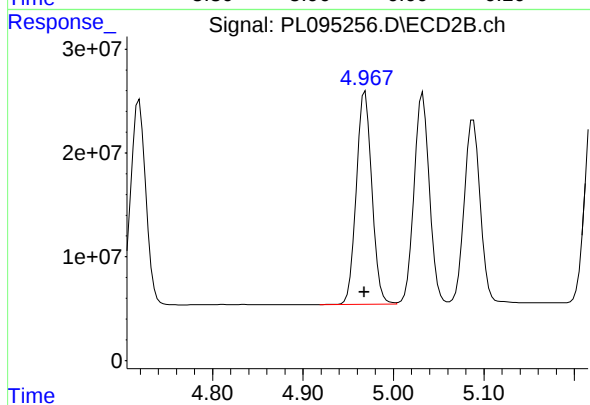
#9 Endosulfan I

R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 218301194
Conc: 50.29 ng/ml



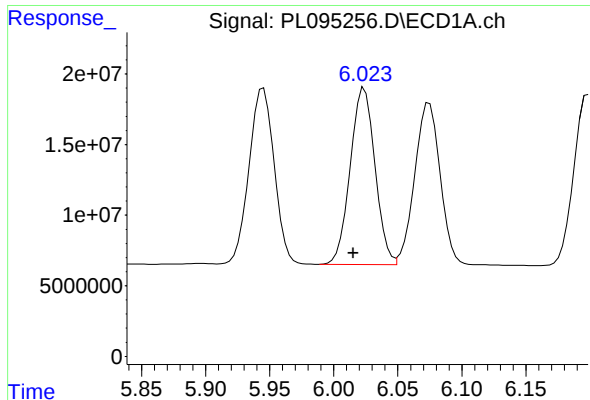
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.008 min
Response: 171249396
Conc: 51.26 ng/ml



#10 gamma-Chlordane

R.T.: 4.969 min
Delta R.T.: 0.001 min
Response: 245044897
Conc: 50.87 ng/ml



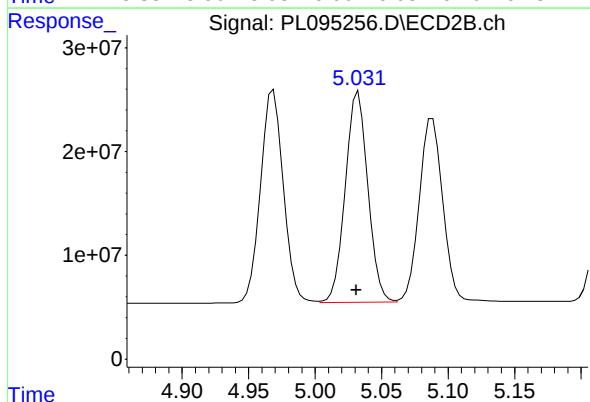
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.009 min
Response: 168663137
Conc: 50.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

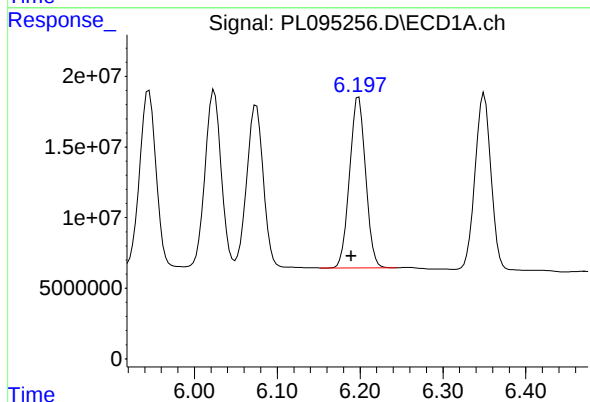
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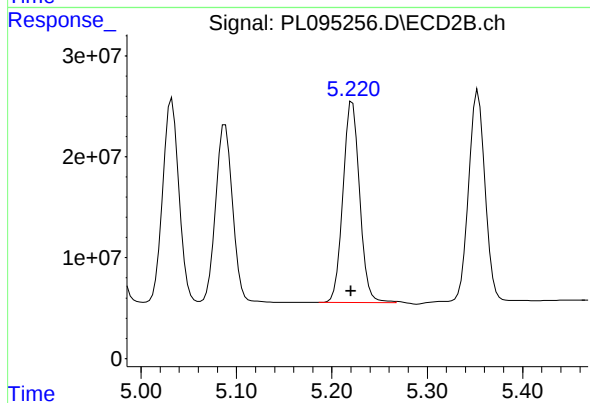
#11 alpha-Chlordane

R.T.: 5.032 min
Delta R.T.: 0.001 min
Response: 239949809
Conc: 50.63 ng/ml



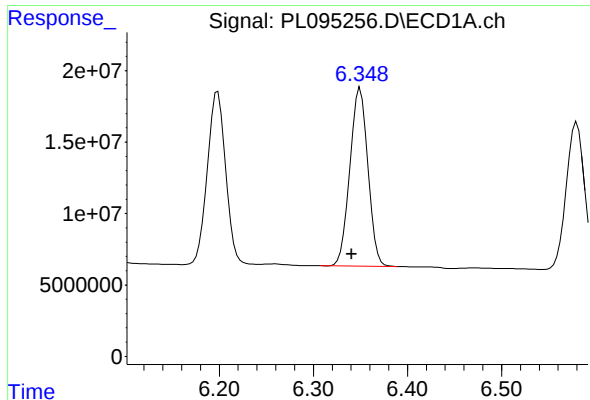
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.009 min
Response: 162787448
Conc: 49.78 ng/ml



#12 4,4'-DDE

R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 242175920
Conc: 50.30 ng/ml m



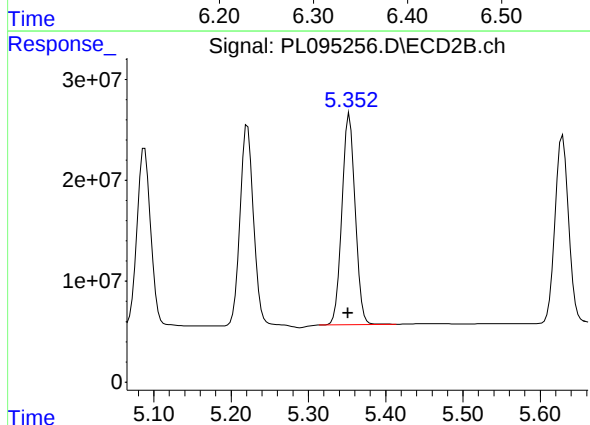
#13 Dieldrin

R.T.: 6.350 min
Delta R.T.: 0.009 min
Response: 165819437
Conc: 50.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

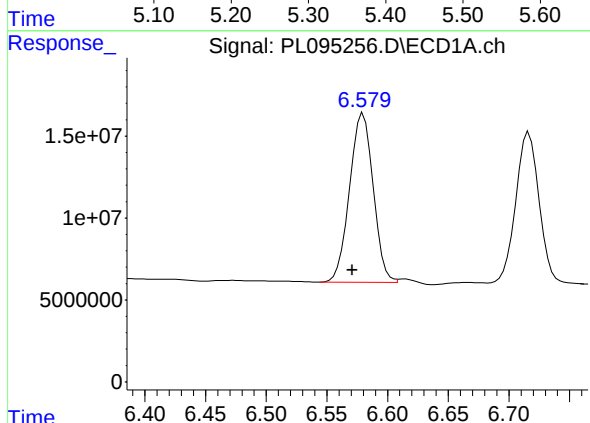
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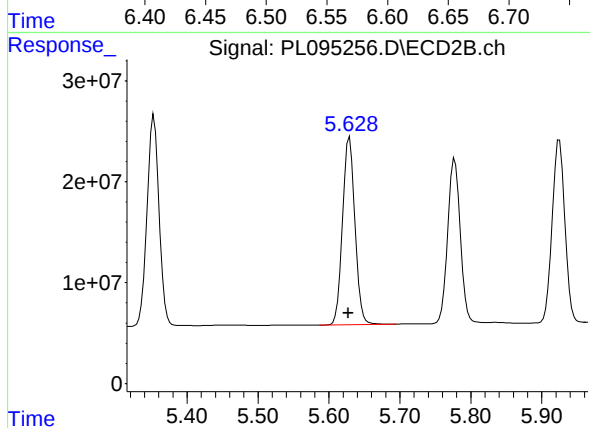
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: 0.002 min
Response: 247528663
Conc: 51.57 ng/ml



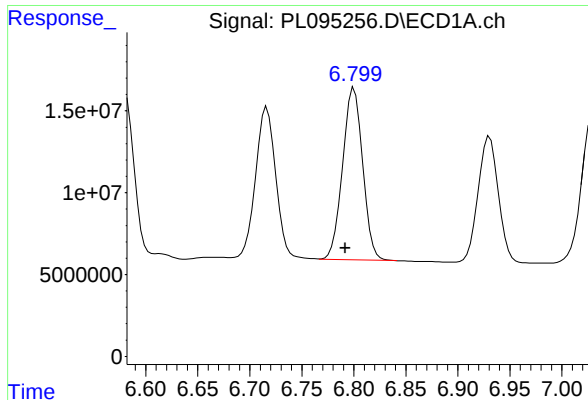
#14 Endrin

R.T.: 6.579 min
Delta R.T.: 0.008 min
Response: 139958738
Conc: 53.70 ng/ml m



#14 Endrin

R.T.: 5.629 min
Delta R.T.: 0.002 min
Response: 225675775
Conc: 54.02 ng/ml



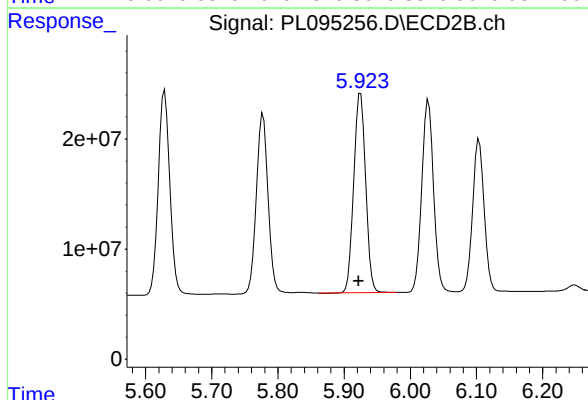
#15 Endosulfan II

R.T.: 6.800 min
Delta R.T.: 0.008 min
Response: 141029593
Conc: 49.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

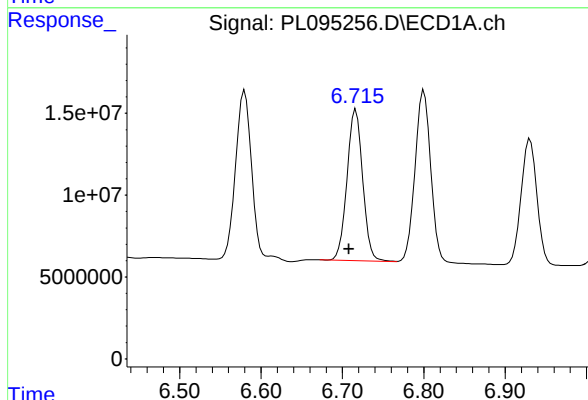
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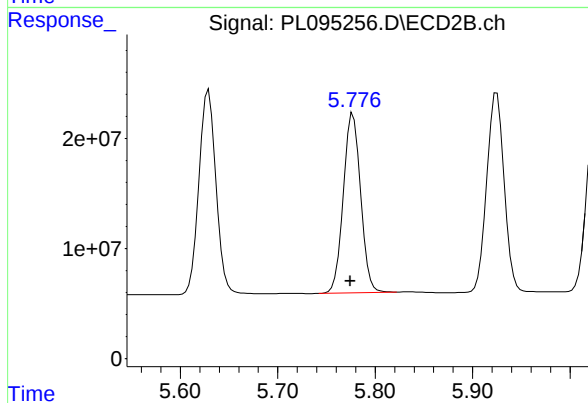
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: 0.003 min
Response: 225490488
Conc: 51.36 ng/ml



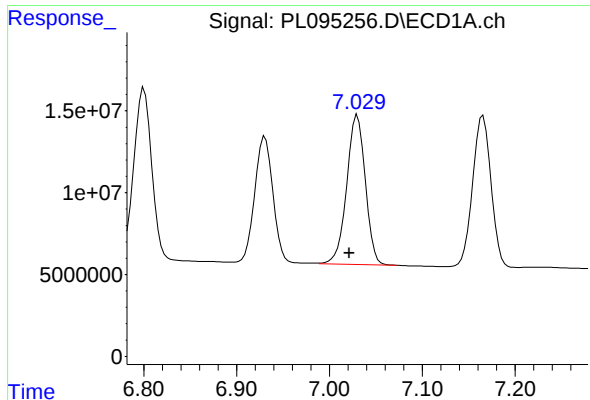
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: 0.009 min
Response: 124240450
Conc: 48.93 ng/ml



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: 0.003 min
Response: 201176342
Conc: 51.72 ng/ml



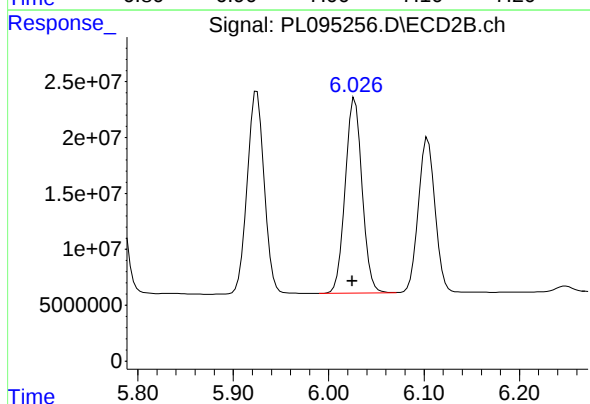
#17 4,4'-DDT

R.T.: 7.030 min
Delta R.T.: 0.009 min
Response: 127351412
Conc: 50.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

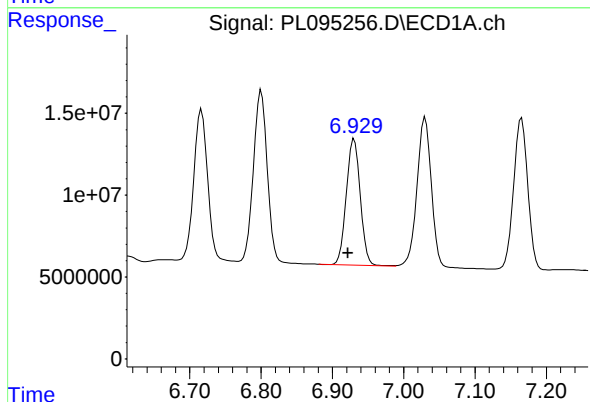
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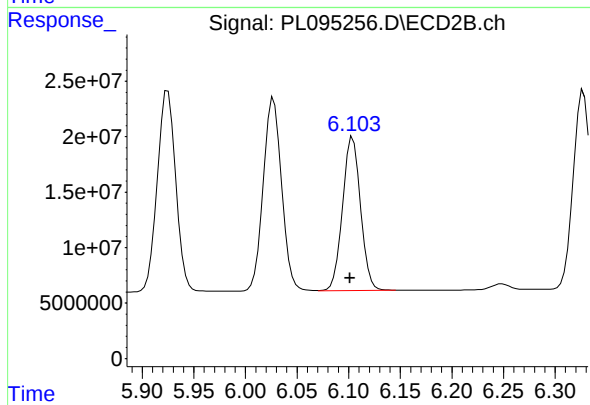
#17 4,4'-DDT

R.T.: 6.027 min
Delta R.T.: 0.002 min
Response: 215622832
Conc: 51.76 ng/ml



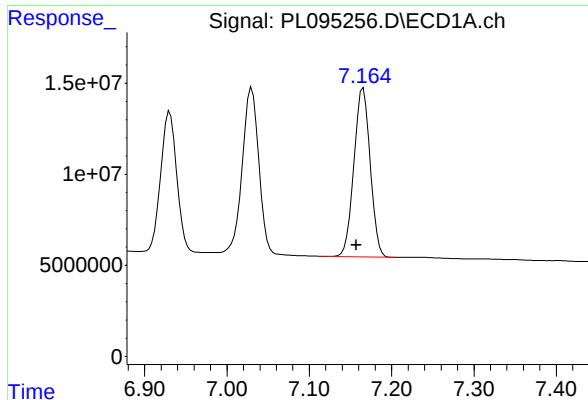
#18 Endrin aldehyde

R.T.: 6.931 min
Delta R.T.: 0.009 min
Response: 105149261
Conc: 47.77 ng/ml



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: 0.003 min
Response: 167582899
Conc: 49.73 ng/ml



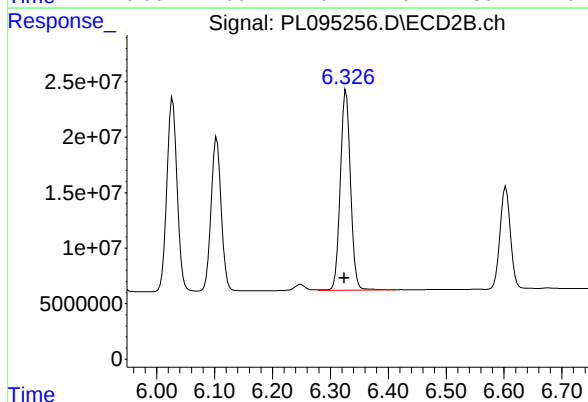
#19 Endosulfan Sulfate

R.T.: 7.166 min
Delta R.T.: 0.008 min
Response: 127548172
Conc: 49.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

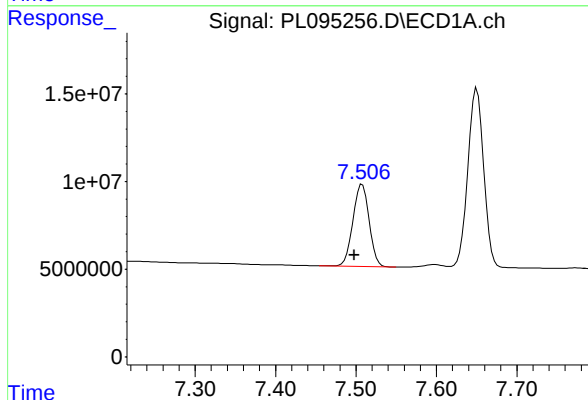
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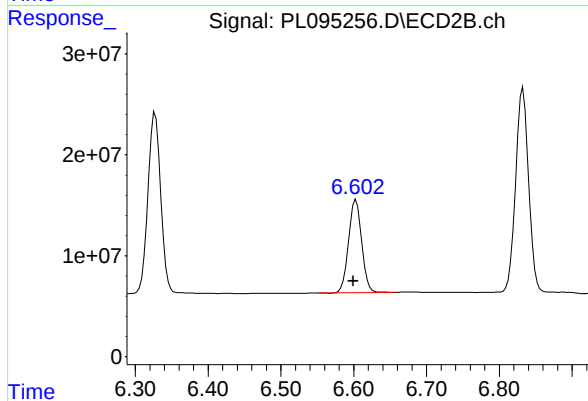
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: 0.003 min
Response: 221340876
Conc: 53.00 ng/ml



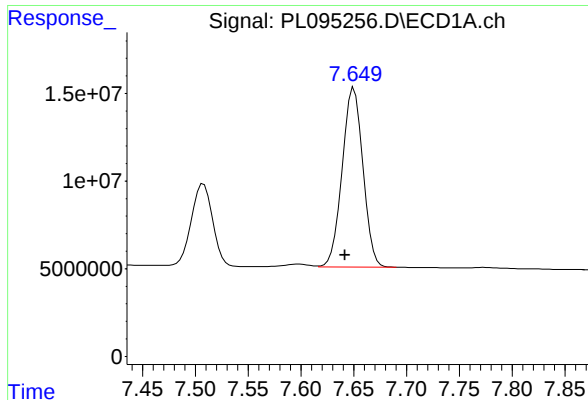
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.010 min
Response: 65981043
Conc: 49.26 ng/ml



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: 0.004 min
Response: 115253432
Conc: 51.32 ng/ml



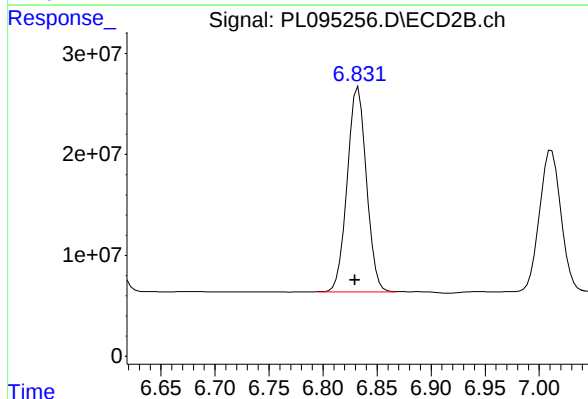
#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: 0.009 min
Response: 140016014
Conc: 48.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

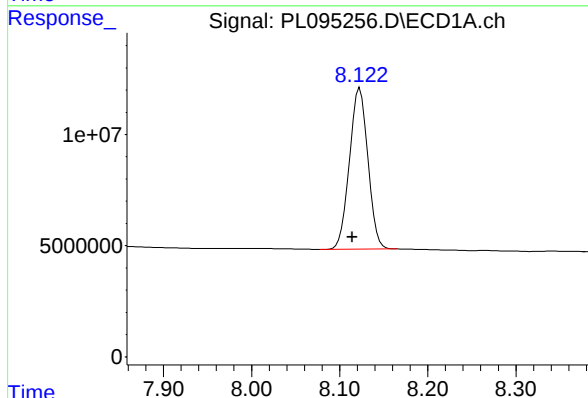
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/17/2025
Supervised By :mohammad ahmed 04/18/2025



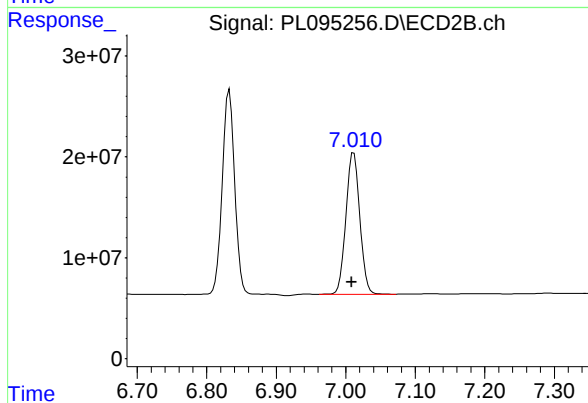
#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: 0.002 min
Response: 251345779
Conc: 49.85 ng/ml m



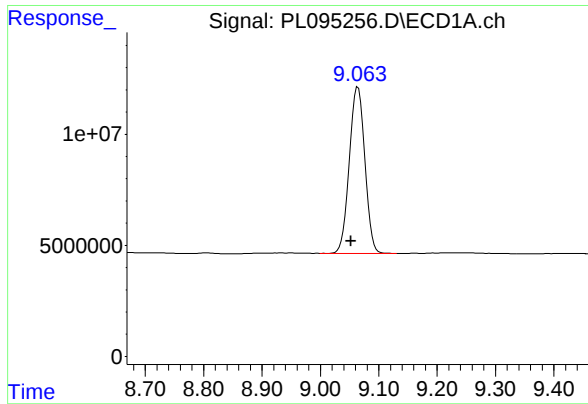
#22 Mirex

R.T.: 8.123 min
Delta R.T.: 0.009 min
Response: 105665555
Conc: 49.67 ng/ml



#22 Mirex

R.T.: 7.011 min
Delta R.T.: 0.003 min
Response: 194694081
Conc: 49.52 ng/ml



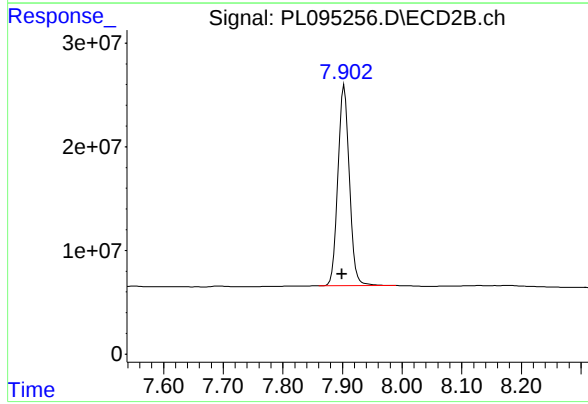
#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.012 min
Response: 138081357
Conc: 57.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/17/2025
Supervised By :mohammad ahmed 04/18/2025



#28 Decachlorobiphenyl

R.T.: 7.903 min
Delta R.T.: 0.004 min
Response: 259201416
Conc: 58.92 ng/ml