

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040825\
 Data File : PL095125.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2025 18:41
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/09/2025
 Supervised By :mohammad ahmed 04/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 22:44:29 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	2.768	131.6E6	182.2E6	46.504	51.046
28) SA Decachlor...	9.051	7.901	102.0E6	176.6E6	48.415	43.718
Target Compounds						
2) A alpha-BHC	3.991	3.270	192.4E6	279.3E6	46.336	51.807
3) MA gamma-BHC...	4.324	3.600	184.3E6	262.2E6	46.188	51.010
4) MA Heptachlor	4.912	3.937	169.6E6	255.0E6	43.688	48.395
5) MB Aldrin	5.253	4.216	162.4E6	240.4E6	43.973	49.309
6) B beta-BHC	4.523	3.900	84606857	114.5E6	45.852	51.550
7) B delta-BHC	4.770	4.128	181.5E6	260.1E6	46.613	51.992
8) B Heptachlo...	5.680	4.719	147.8E6	221.9E6	44.173	48.460
9) A Endosulfan I	6.066	5.088	140.6E6	200.8E6	45.810	45.752
10) B gamma-Chl...	5.936	4.968	152.5E6	232.8E6	45.258	48.206
11) B alpha-Chl...	6.015	5.032	150.9E6	227.8E6	45.763	47.726
12) B 4,4'-DDE	6.189	5.219	148.0E6	228.2E6	50.296	49.101m
13) MA Dieldrin	6.341	5.351	149.2E6	229.6E6	46.665	47.326m
14) MA Endrin	6.570	5.627	130.5E6	210.0E6	47.082	48.119m
15) B Endosulfa...	6.791	5.923	128.6E6	203.3E6	47.380	46.960
16) A 4,4'-DDD	6.707	5.776	115.6E6	183.5E6	53.354	51.025
17) MA 4,4'-DDT	7.020	6.026	115.4E6	194.8E6	48.535	48.312
18) B Endrin al...	6.921	6.103	97119817	151.7E6	46.007	45.086
19) B Endosulfa...	7.156	6.326	114.2E6	191.9E6	46.965	47.111
20) A Methoxychlor	7.497	6.601	58429538	101.6E6	48.810	47.886
21) B Endrin ke...	7.641	6.831	123.2E6	220.8E6	46.620	46.269
22) Mirex	8.114	7.010	90006812	170.0E6	43.560	44.786

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040825\
Data File : PL095125.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Apr 2025 18:41
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

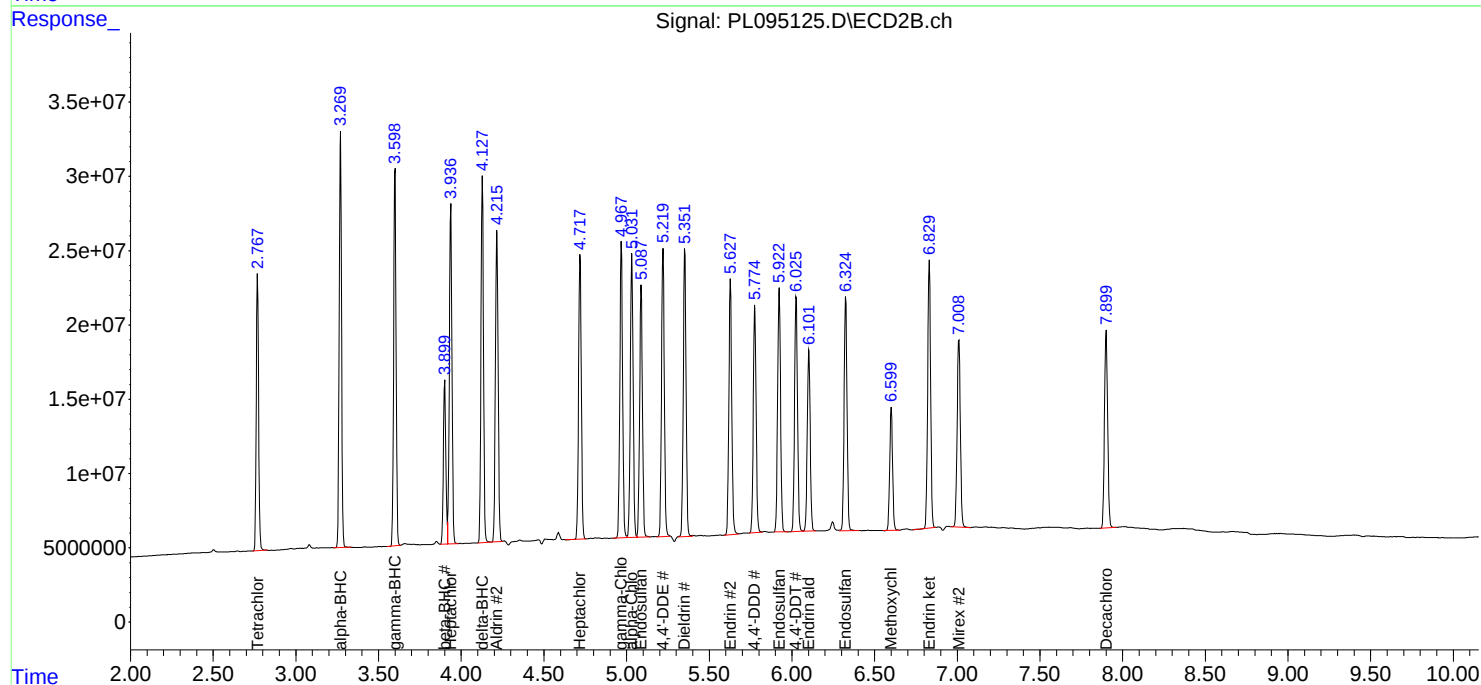
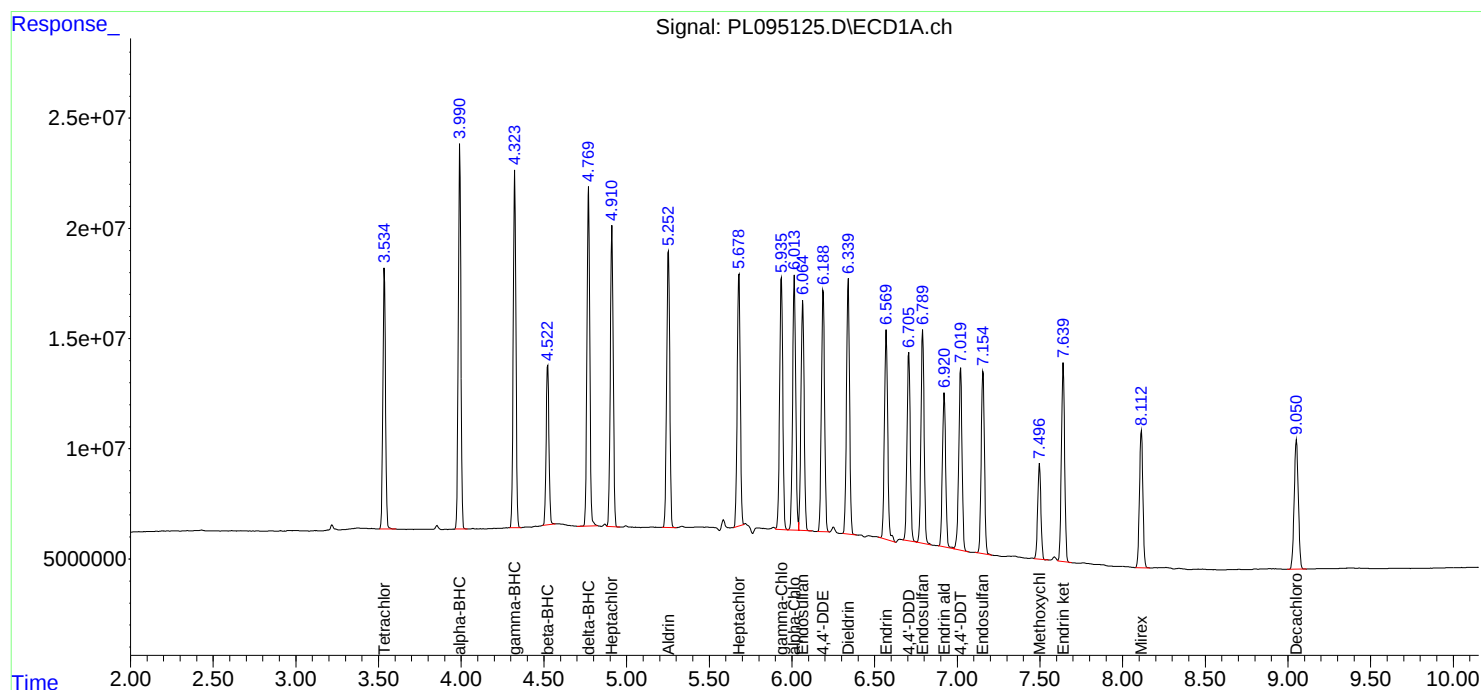
APPROVED

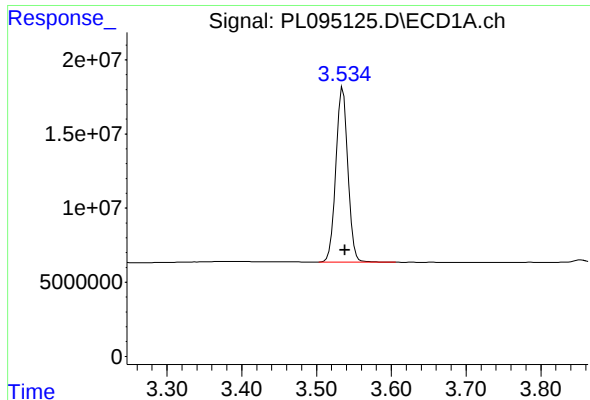
Reviewed By :Abdul Mirza 04/09/2025

Supervised By :mohammad ahmed 04/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 08 22:44:29 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





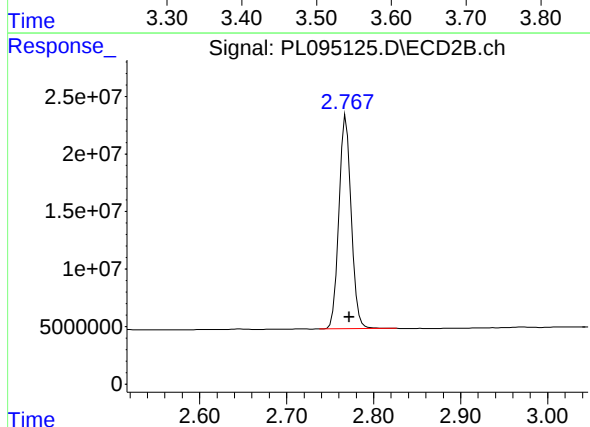
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 131637667
Conc: 46.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

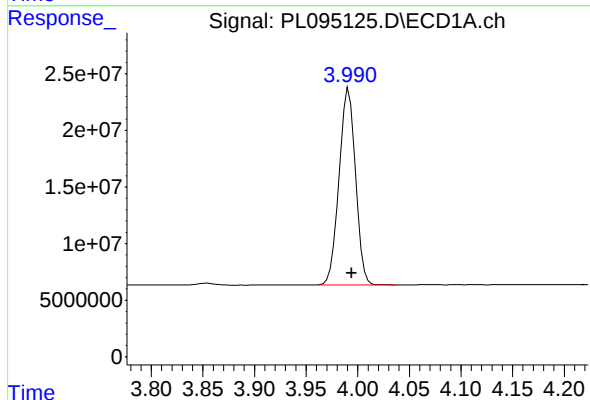
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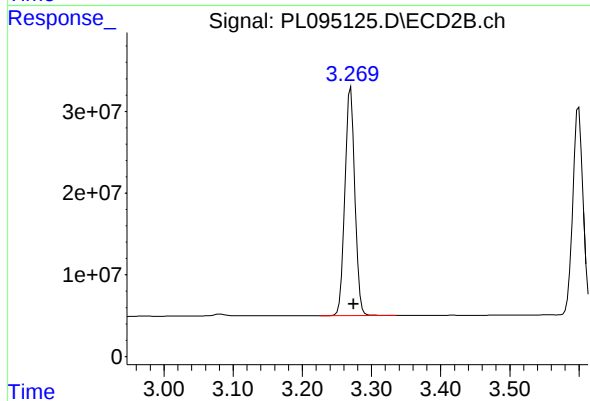
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: -0.004 min
Response: 182197640
Conc: 51.05 ng/ml



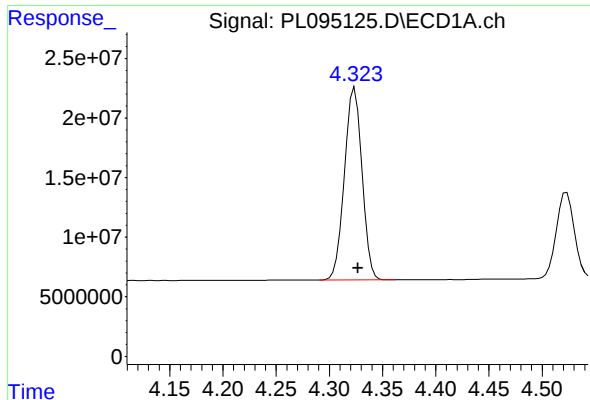
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.003 min
Response: 192402554
Conc: 46.34 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: -0.004 min
Response: 279311851
Conc: 51.81 ng/ml



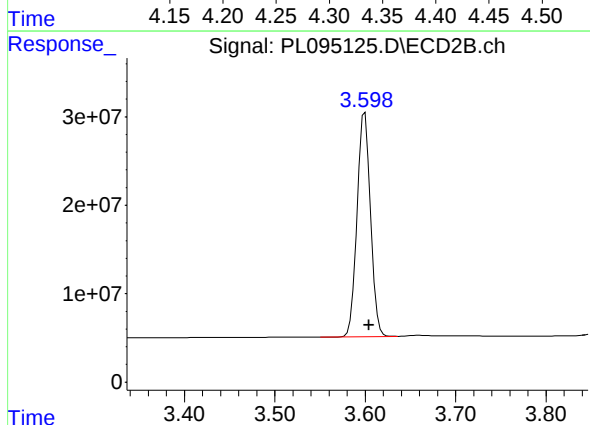
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 184304104
Conc: 46.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

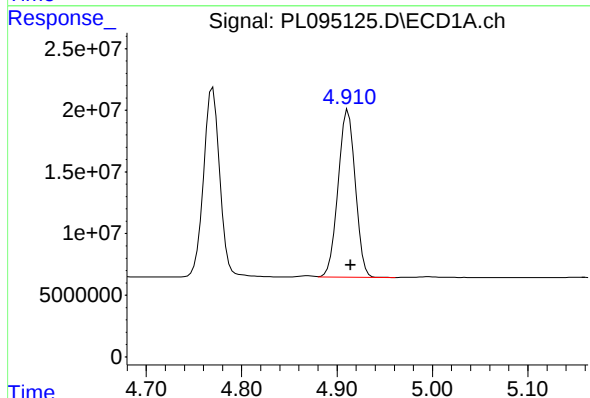
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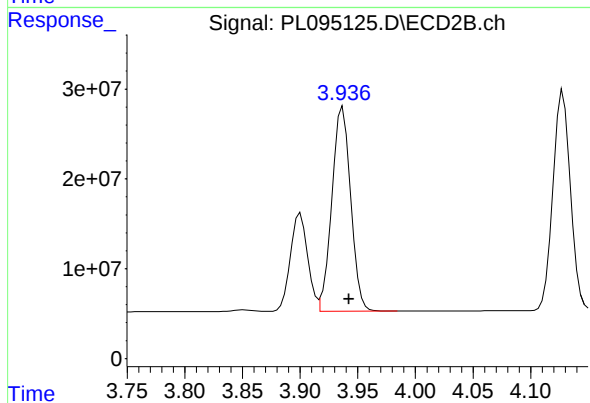
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: -0.005 min
Response: 262164991
Conc: 51.01 ng/ml



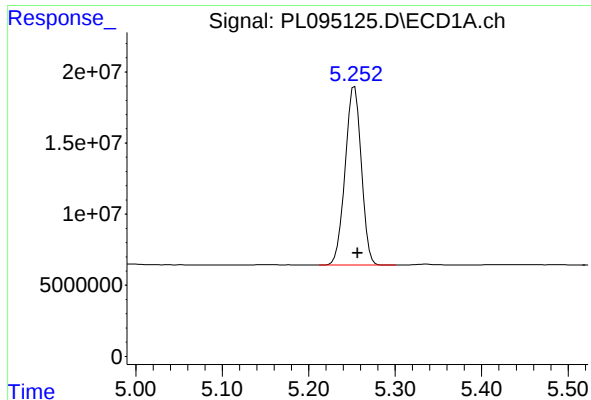
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.003 min
Response: 169580177
Conc: 43.69 ng/ml



#4 Heptachlor

R.T.: 3.937 min
Delta R.T.: -0.005 min
Response: 254974768
Conc: 48.39 ng/ml



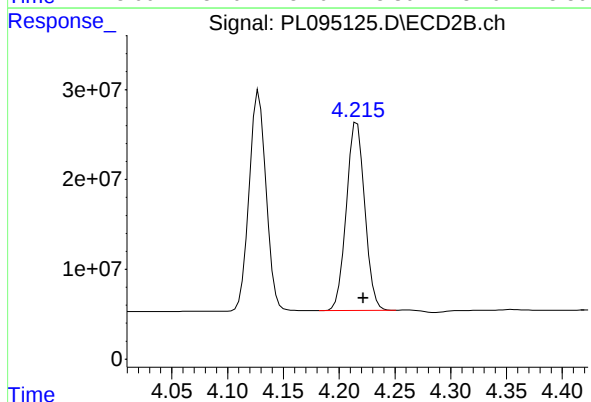
#5 Aldrin

R.T.: 5.253 min
Delta R.T.: -0.003 min
Response: 162358960
Conc: 43.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

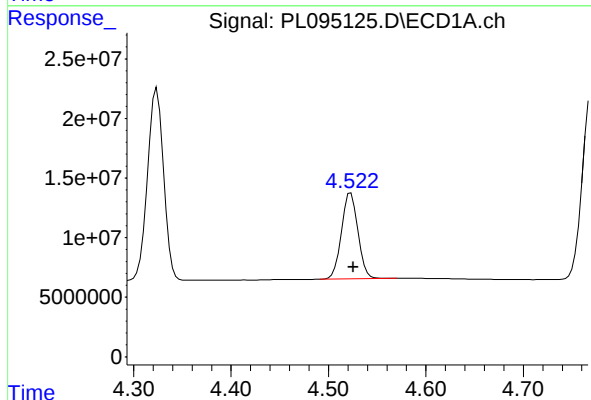
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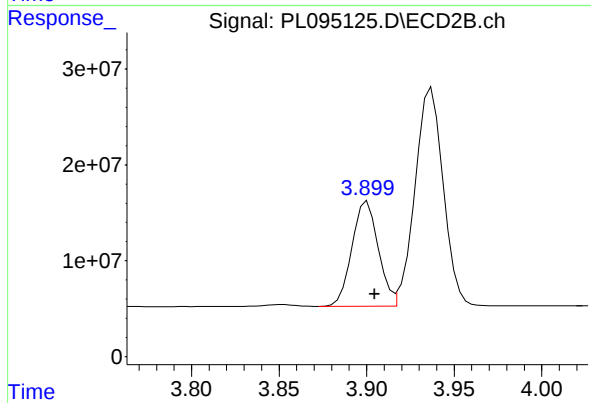
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: -0.006 min
Response: 240449385
Conc: 49.31 ng/ml



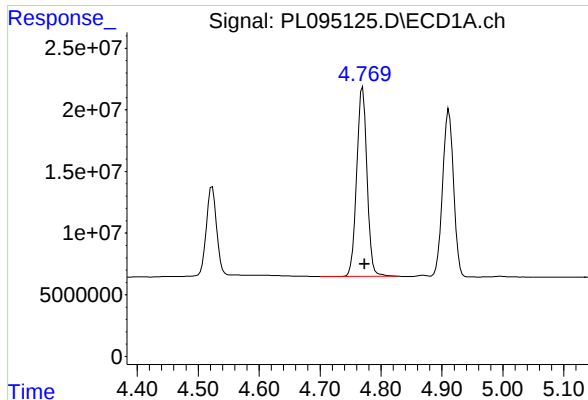
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 84606857
Conc: 45.85 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: -0.004 min
Response: 114507547
Conc: 51.55 ng/ml



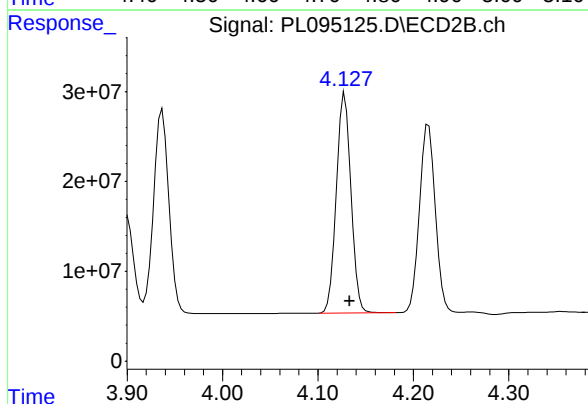
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.003 min
Response: 181524110
Conc: 46.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

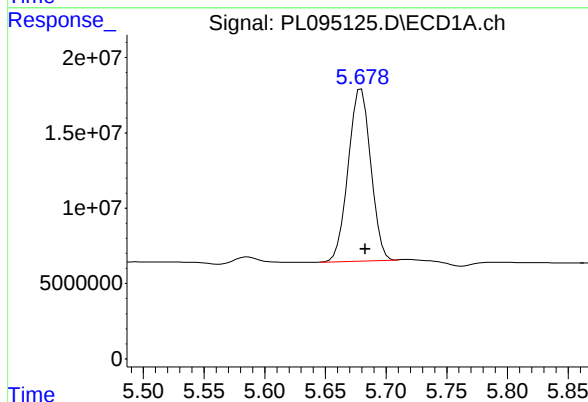
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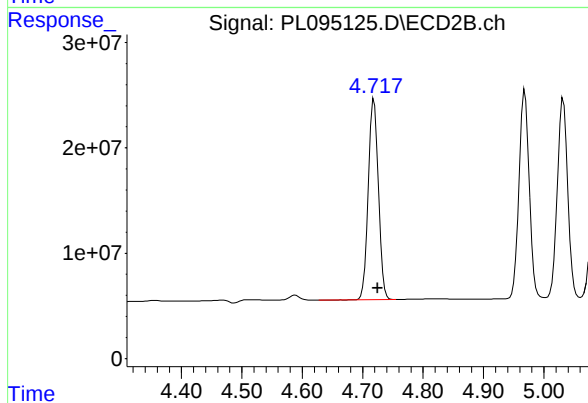
#7 delta-BHC

R.T.: 4.128 min
Delta R.T.: -0.005 min
Response: 260062488
Conc: 51.99 ng/ml



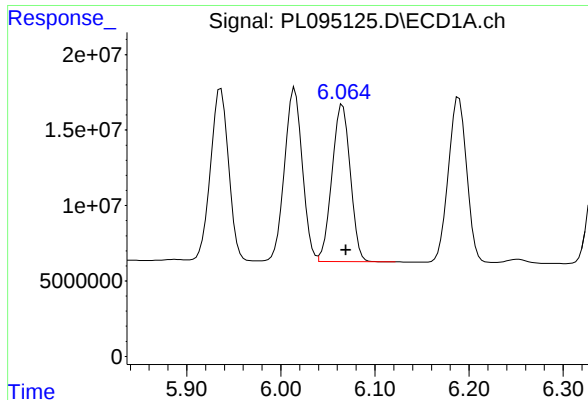
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.004 min
Response: 147766691
Conc: 44.17 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: -0.006 min
Response: 221879394
Conc: 48.46 ng/ml



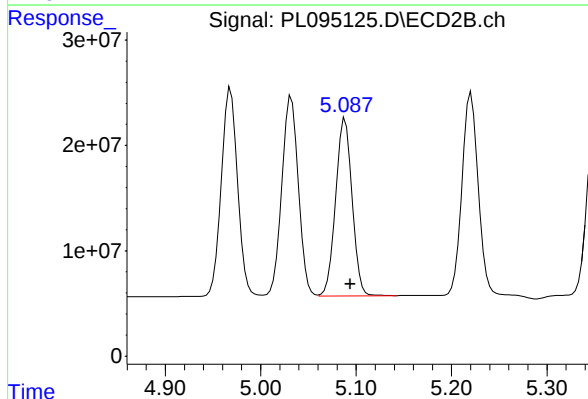
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 140645180
Conc: 45.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

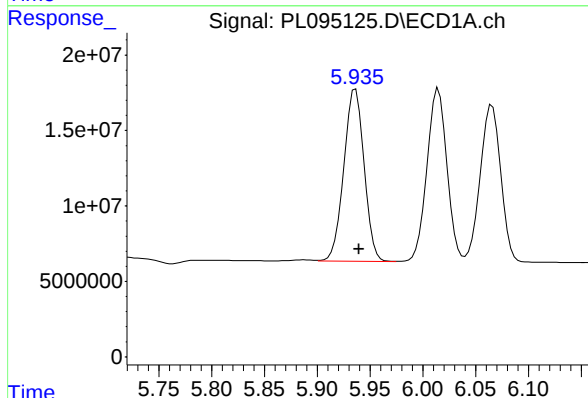
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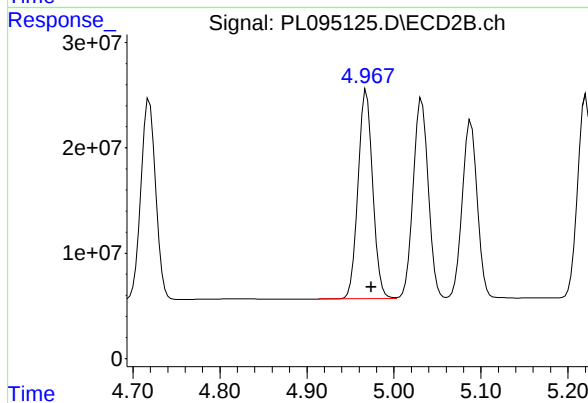
#9 Endosulfan I

R.T.: 5.088 min
Delta R.T.: -0.006 min
Response: 200795319
Conc: 45.75 ng/ml



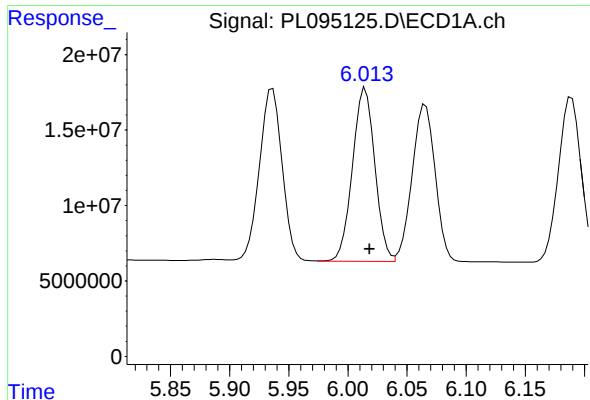
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.003 min
Response: 152491325
Conc: 45.26 ng/ml



#10 gamma-Chlordane

R.T.: 4.968 min
Delta R.T.: -0.006 min
Response: 232759266
Conc: 48.21 ng/ml



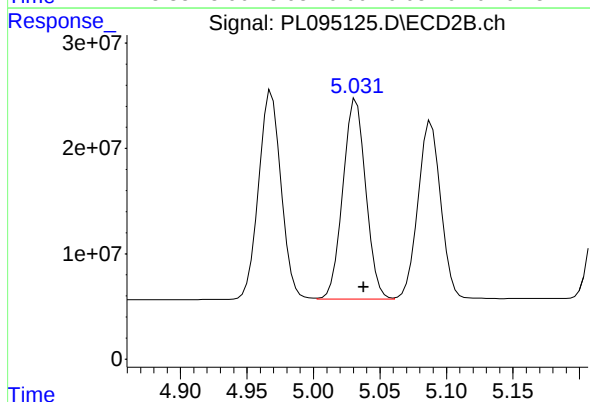
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: -0.004 min
Response: 150872092
Conc: 45.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

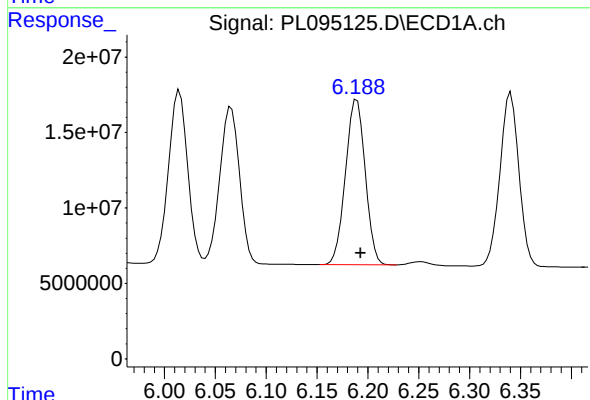
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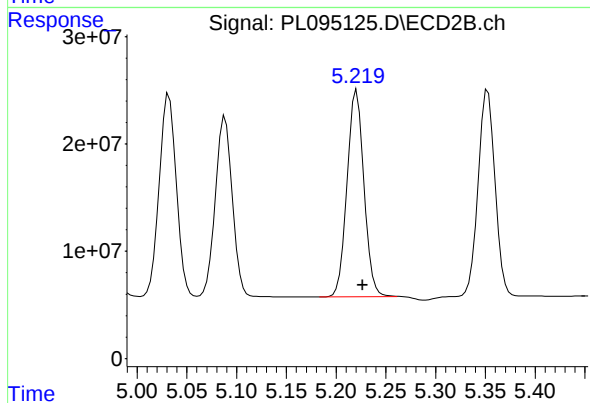
#11 alpha-Chlordane

R.T.: 5.032 min
Delta R.T.: -0.006 min
Response: 227786728
Conc: 47.73 ng/ml



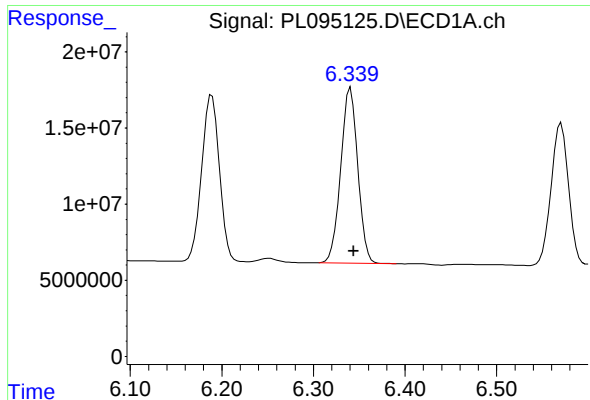
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 147974336
Conc: 50.30 ng/ml



#12 4,4'-DDE

R.T.: 5.219 min
Delta R.T.: -0.007 min
Response: 228248509
Conc: 49.10 ng/ml m



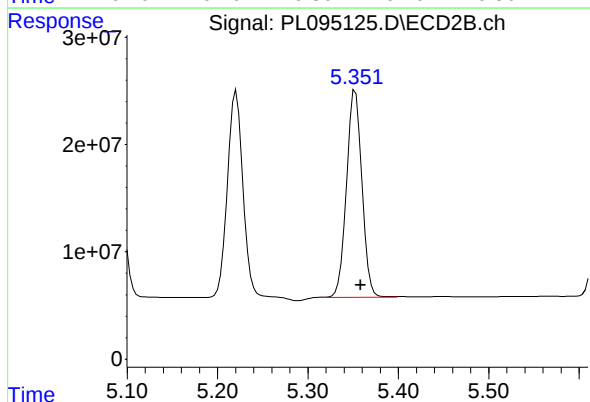
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 149241873
Conc: 46.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

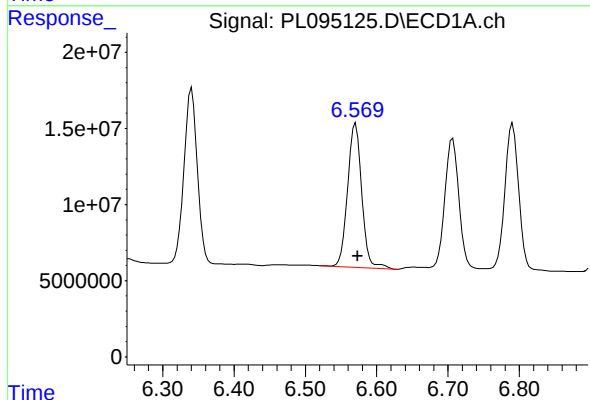
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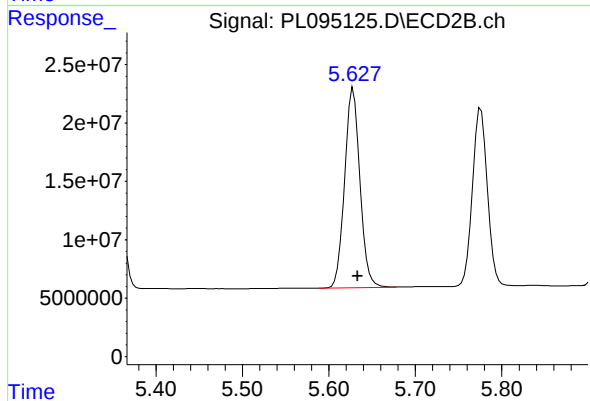
#13 Dieldrin

R.T.: 5.351 min
Delta R.T.: -0.007 min
Response: 229617200
Conc: 47.33 ng/ml m



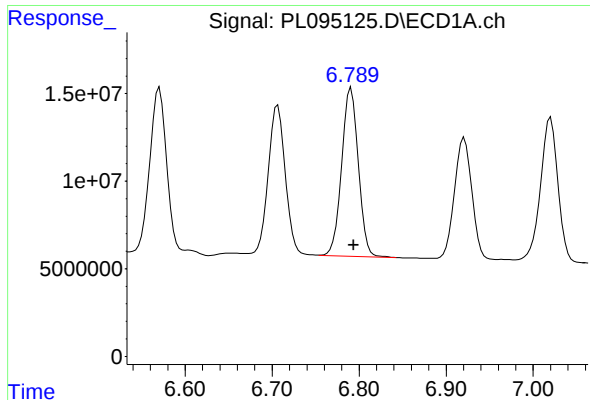
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.003 min
Response: 130514229
Conc: 47.08 ng/ml



#14 Endrin

R.T.: 5.627 min
Delta R.T.: -0.007 min
Response: 209974340
Conc: 48.12 ng/ml m



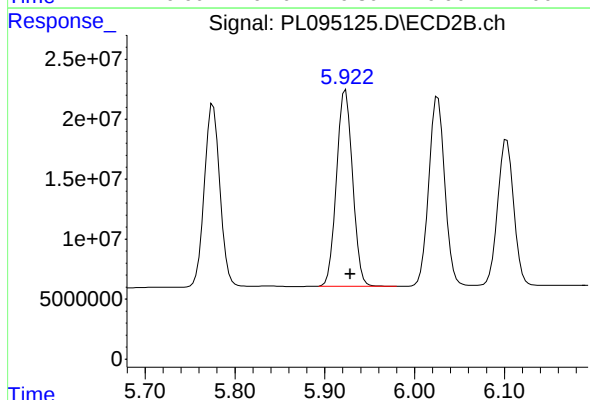
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: -0.003 min
Response: 128624853
Conc: 47.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

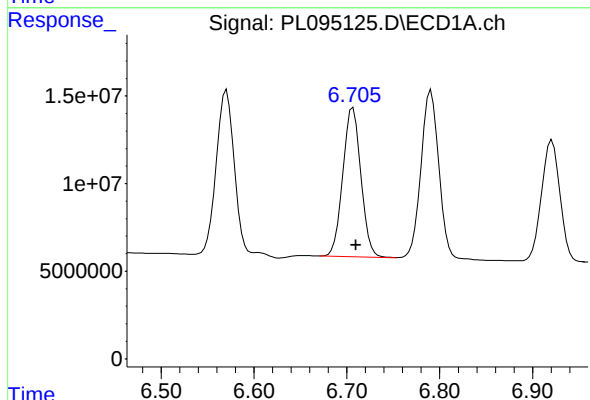
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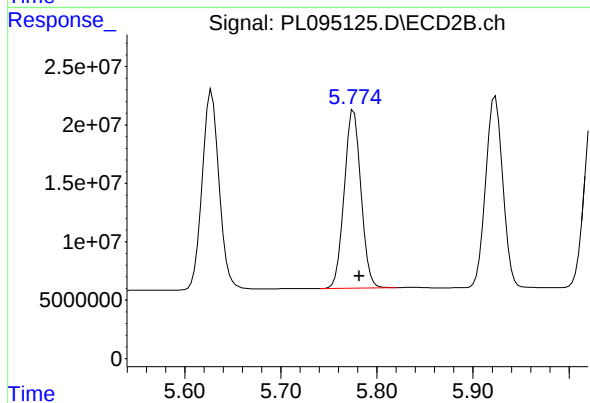
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: -0.005 min
Response: 203256468
Conc: 46.96 ng/ml



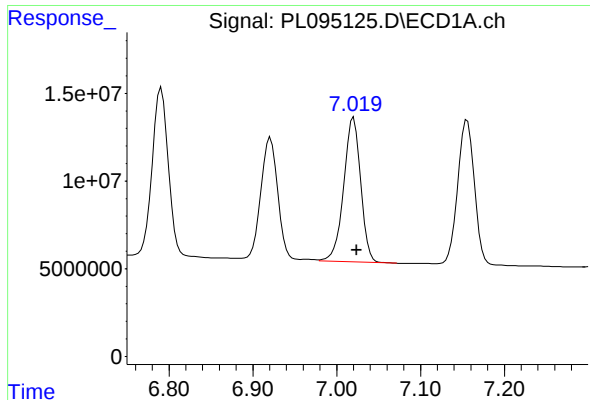
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 115567558
Conc: 53.35 ng/ml



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: -0.006 min
Response: 183479668
Conc: 51.02 ng/ml



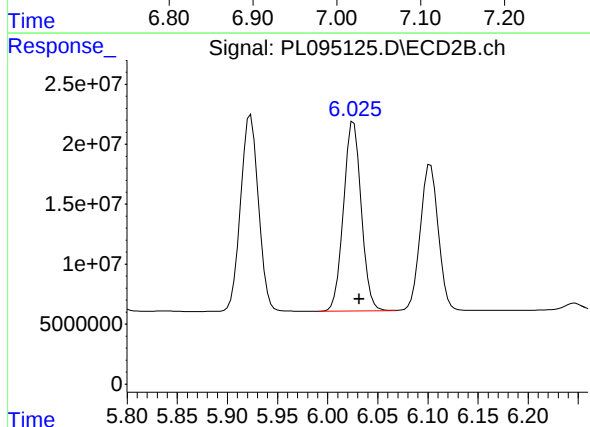
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.004 min
Response: 115441264
Conc: 48.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

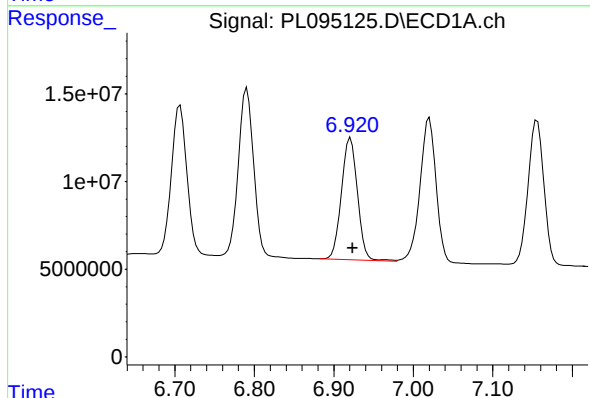
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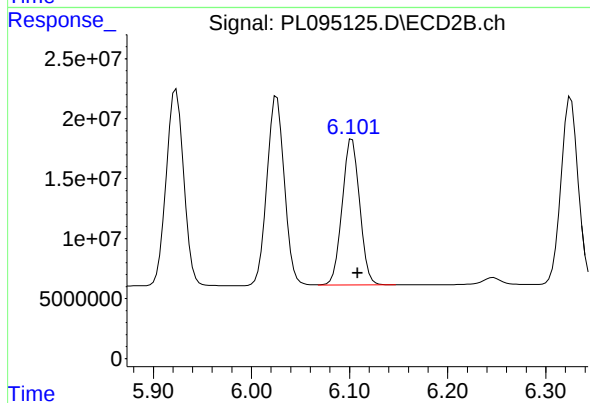
#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: -0.006 min
Response: 194797614
Conc: 48.31 ng/ml



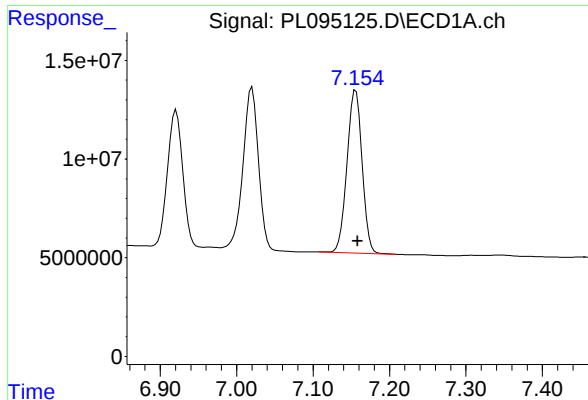
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 97119817
Conc: 46.01 ng/ml



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: -0.006 min
Response: 151729343
Conc: 45.09 ng/ml



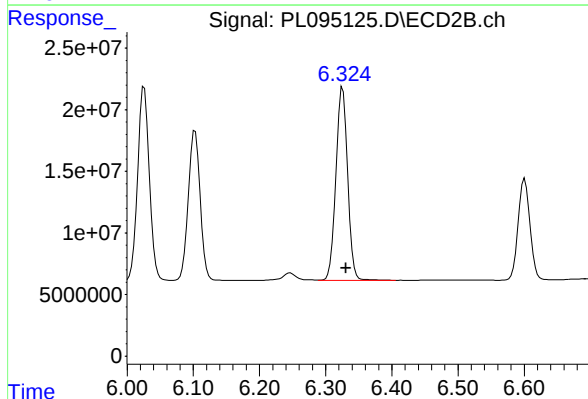
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: -0.003 min
Response: 114220639
Conc: 46.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

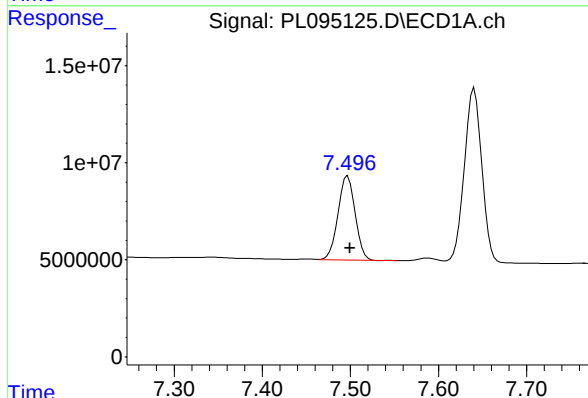
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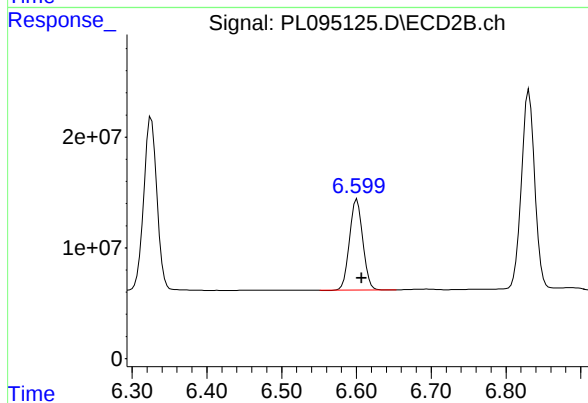
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: -0.005 min
Response: 191903843
Conc: 47.11 ng/ml



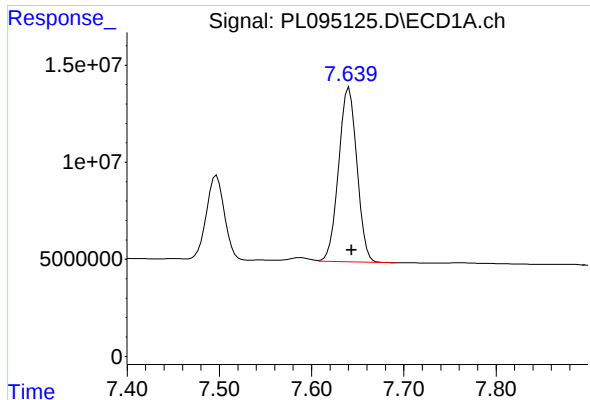
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: -0.003 min
Response: 58429538
Conc: 48.81 ng/ml



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: -0.006 min
Response: 101570124
Conc: 47.89 ng/ml



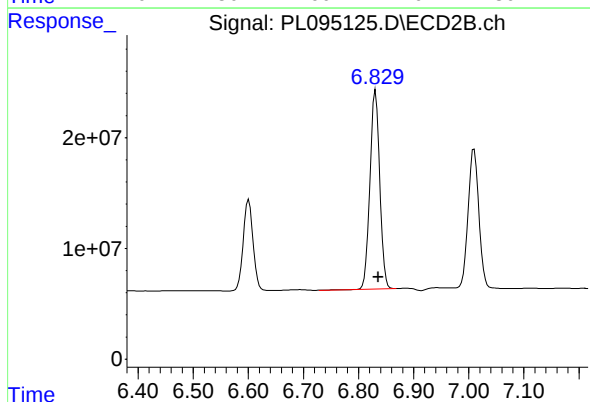
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 123227884
Conc: 46.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

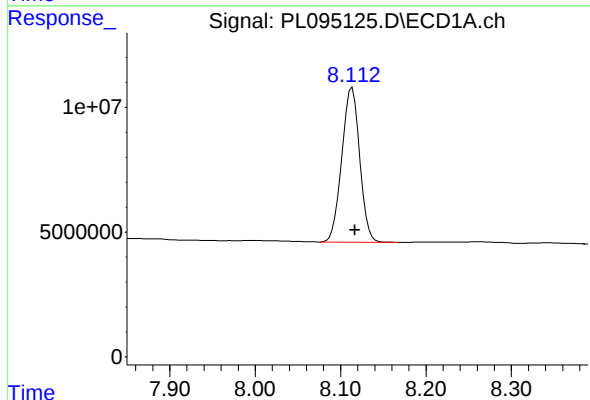
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/09/2025
Supervised By :mohammad ahmed 04/10/2025



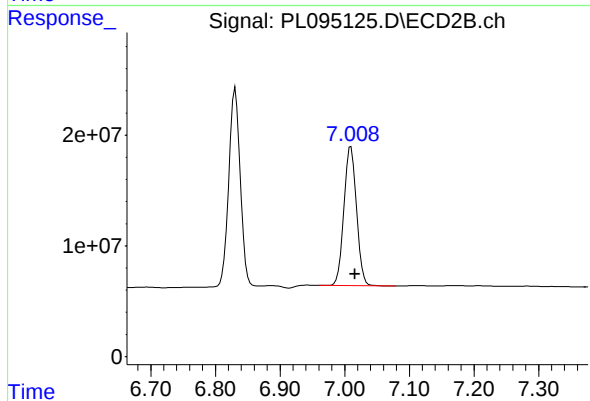
#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: -0.005 min
Response: 220820889
Conc: 46.27 ng/ml



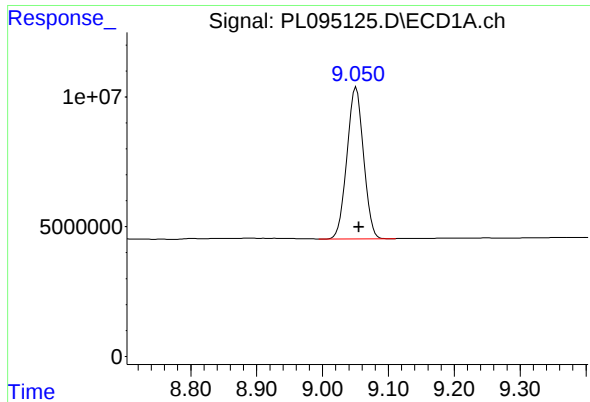
#22 Mirex

R.T.: 8.114 min
Delta R.T.: -0.003 min
Response: 90006812
Conc: 43.56 ng/ml



#22 Mirex

R.T.: 7.010 min
Delta R.T.: -0.006 min
Response: 169975382
Conc: 44.79 ng/ml



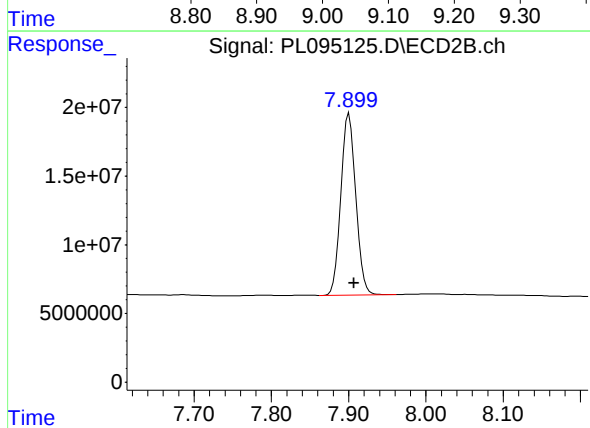
#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: -0.005 min
Response: 102032116
Conc: 48.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/09/2025
Supervised By :mohammad ahmed 04/10/2025



#28 Decachlorobiphenyl

R.T.: 7.901 min
Delta R.T.: -0.006 min
Response: 176591814
Conc: 43.72 ng/ml