

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040125\
 Data File : PL095003.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2025 20:06
 Operator : AR\AJ
 Sample : Q1692-01MS 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 NB-08-04012025MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/02/2025
 Supervised By :mohammad ahmed 04/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 02 01:28:32 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	4173965	5662703	1.475	1.587
2) SA Decachlor...	9.048	7.899	2782096	4471631	1.320m	1.107m
Target Compounds						
2) A alpha-BHC	3.991	3.270	19657428	23184139	4.734	4.300
3) MA gamma-BHC...	4.323	3.600	18582057	22598441	4.657	4.397
4) MA Heptachlor	4.911	3.937	18049381	23263934	4.650	4.416
5) MB Aldrin	5.252	4.216	17218130	21332874	4.663	4.375
6) B beta-BHC	4.523	3.901	8660936	11887989	4.694	5.352
7) B delta-BHC	4.767	4.127	23497032	20673851	6.034m	4.133m#
8) B Heptachlo...	5.678	4.719	15961423	20581562	4.771m	4.495
9) A Endosulfan I	6.064	5.089	15163355	17308260	4.939	3.944
10) B gamma-Chl...	5.933	4.967	16560494	21945991	4.915m	4.545m
11) B alpha-Chl...	6.013	5.033	15949210	21042645	4.838	4.409
12) B 4,4'-DDE	6.188	5.220	14942544	21328809	5.079	4.588m
13) MA Dieldrin	6.339	5.351	16239389	23181978	5.078	4.778m
14) MA Endrin	6.568	5.627	13314317	19940235	4.803m	4.570m
15) B Endosulfa...	6.788	5.923	14078357	18513227	5.186m	4.277
16) A 4,4'-DDD	6.706	5.776	13516983	17321012	6.240	4.817
17) MA 4,4'-DDT	7.018	6.025	11239025	15340613	4.725m	3.805m
18) B Endrin al...	6.919	6.103	9980852	13068912	4.728m	3.883
19) B Endosulfa...	7.154	6.326	12695324	16709150	5.220	4.102
20) A Methoxychlor	7.496	6.601	5542852	8060040	4.630	3.800
21) B Endrin ke...	7.639	6.829	13449419	19796466	5.088	4.148m
22) Mirex	8.112	7.008	9651348	16861888	4.671	4.443m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040125\
Data File : PL095003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Apr 2025 20:06
Operator : AR\AJ
Sample : Q1692-01MS 10X
Misc :
ALS Vial : 19 Sample Multiplier: 1

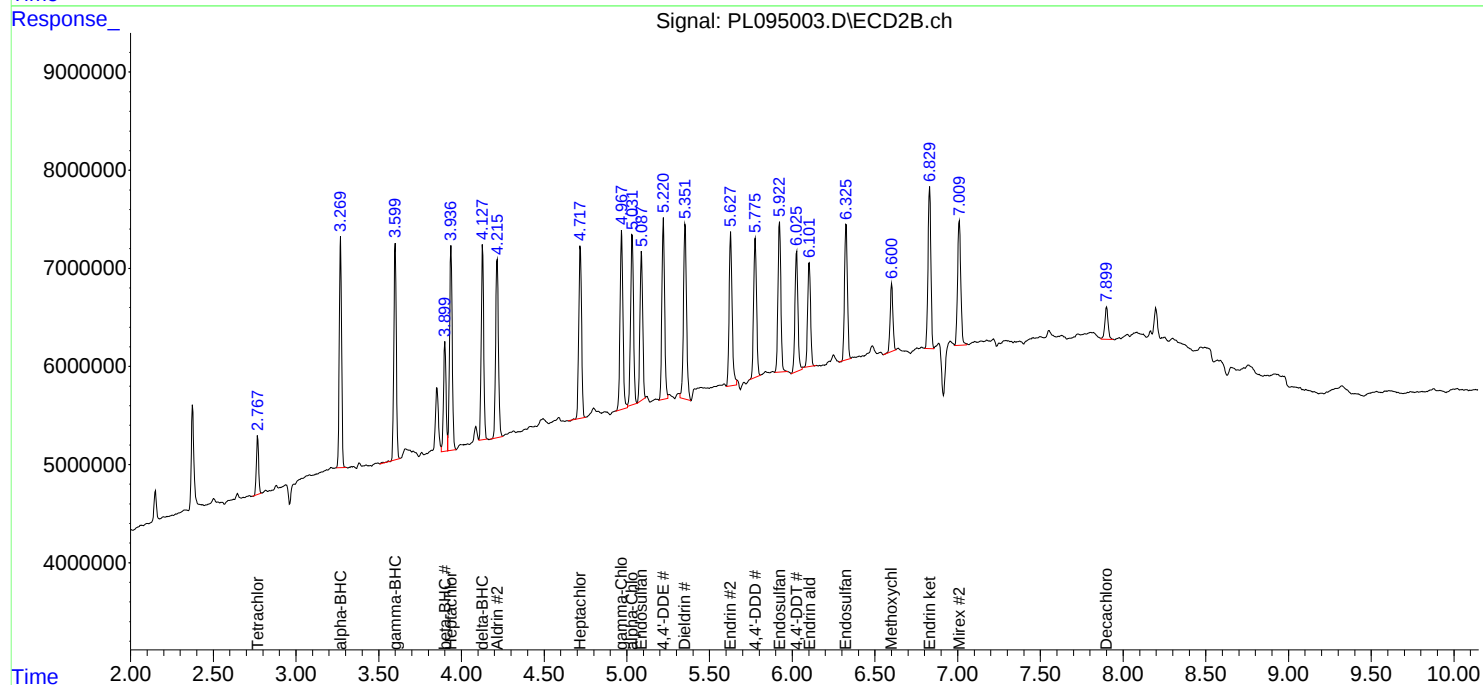
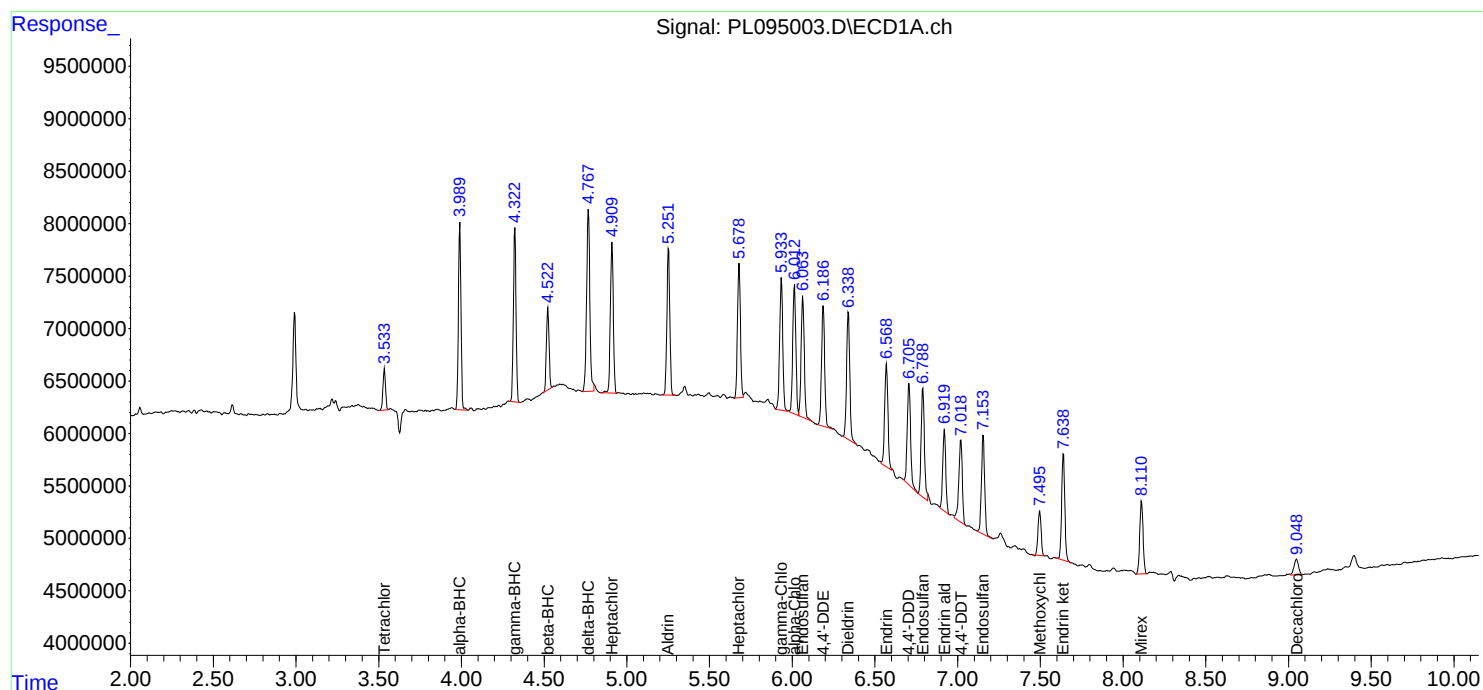
Instrument :
ECD_L
ClientSampleId :
NB-08-04012025MS

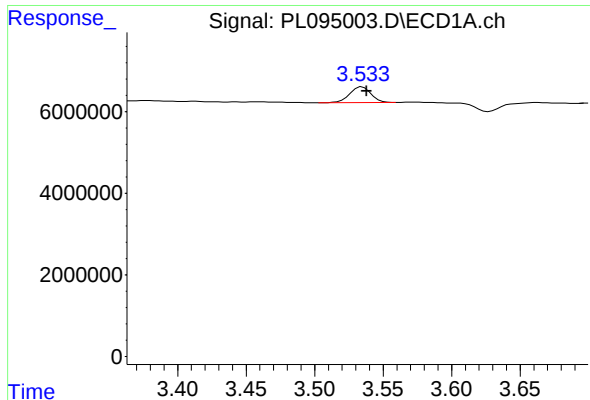
Manual Integrations
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Supervised By :mohammad ahmed 04/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 02 01:28:32 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





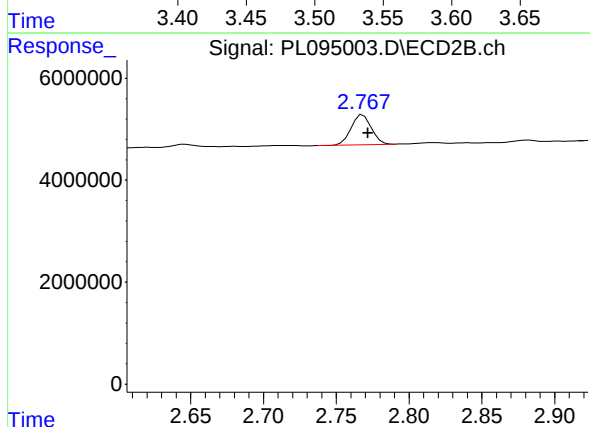
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 4173965
Conc: 1.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-08-04012025MS

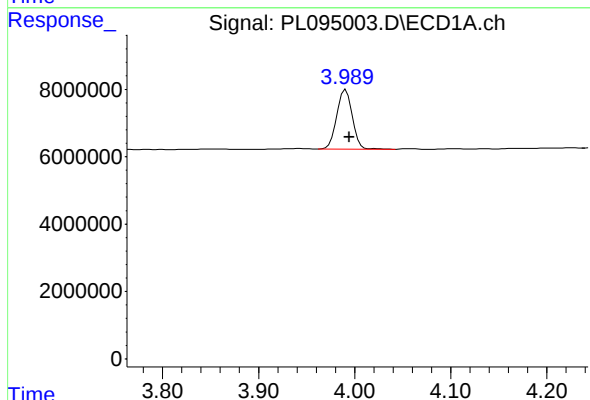
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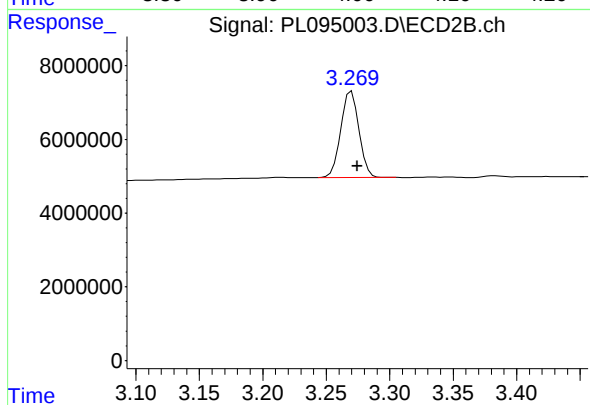
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: -0.004 min
Response: 5662703
Conc: 1.59 ng/ml



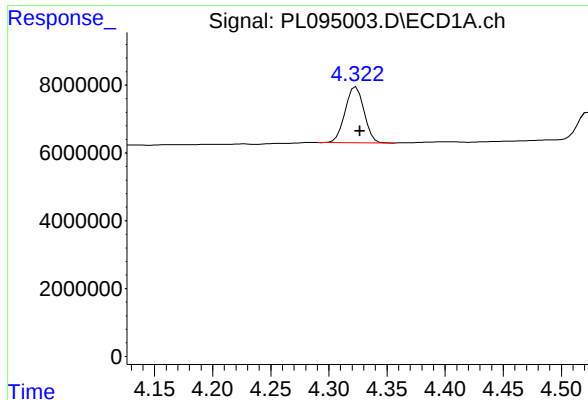
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.004 min
Response: 19657428
Conc: 4.73 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: -0.004 min
Response: 23184139
Conc: 4.30 ng/ml



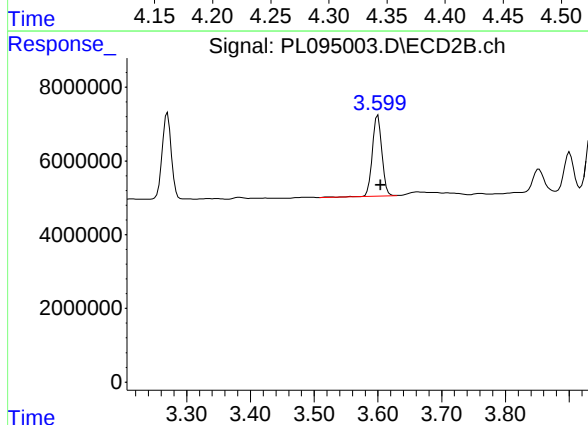
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: -0.003 min
Response: 18582057
Conc: 4.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-08-04012025MS

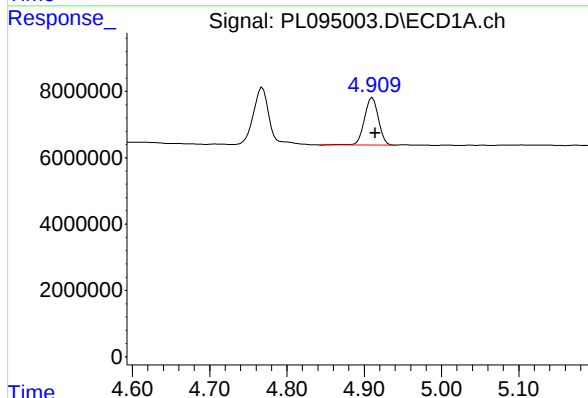
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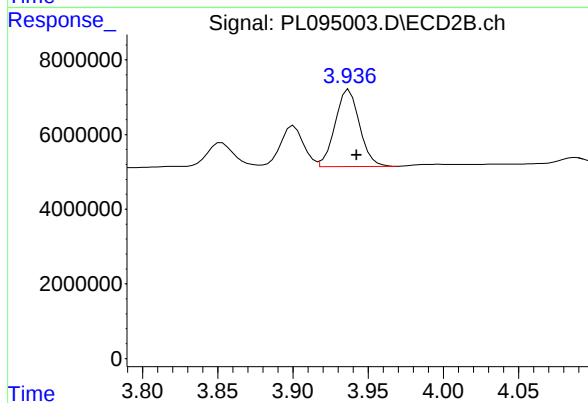
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: -0.004 min
Response: 22598441
Conc: 4.40 ng/ml



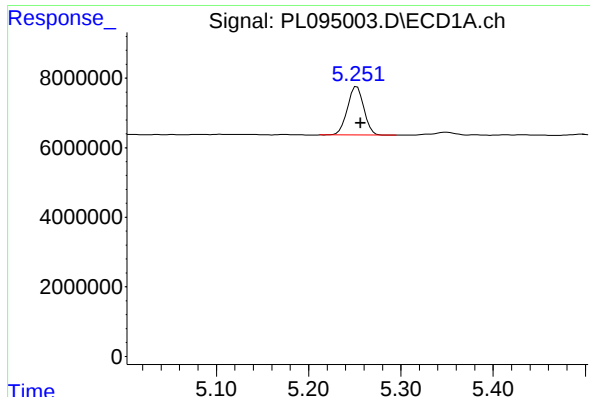
#4 Heptachlor

R.T.: 4.911 min
Delta R.T.: -0.004 min
Response: 18049381
Conc: 4.65 ng/ml



#4 Heptachlor

R.T.: 3.937 min
Delta R.T.: -0.005 min
Response: 23263934
Conc: 4.42 ng/ml



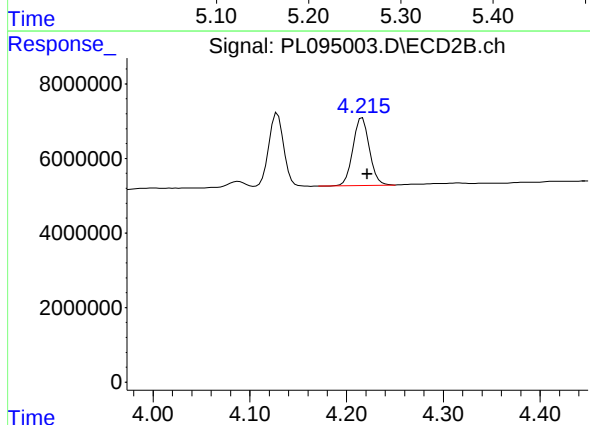
#5 Aldrin

R.T.: 5.252 min
Delta R.T.: -0.004 min
Response: 17218130
Conc: 4.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-08-04012025MS

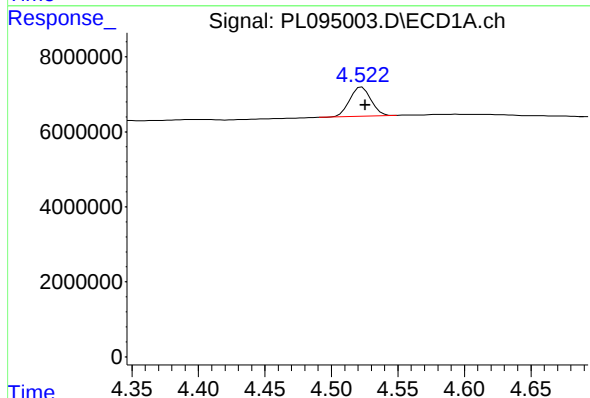
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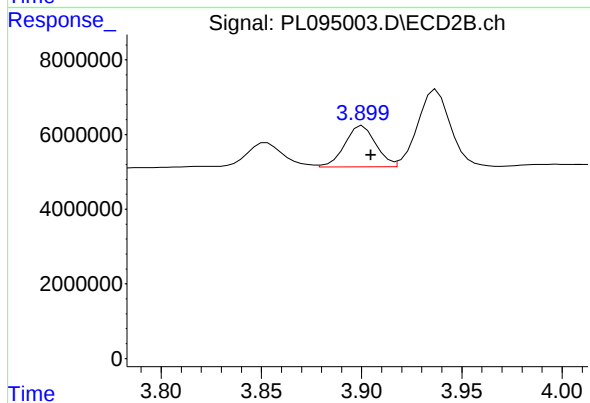
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: -0.005 min
Response: 21332874
Conc: 4.37 ng/ml



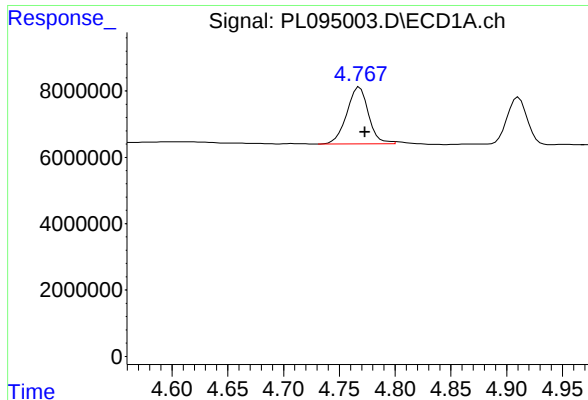
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 8660936
Conc: 4.69 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: -0.004 min
Response: 11887989
Conc: 5.35 ng/ml



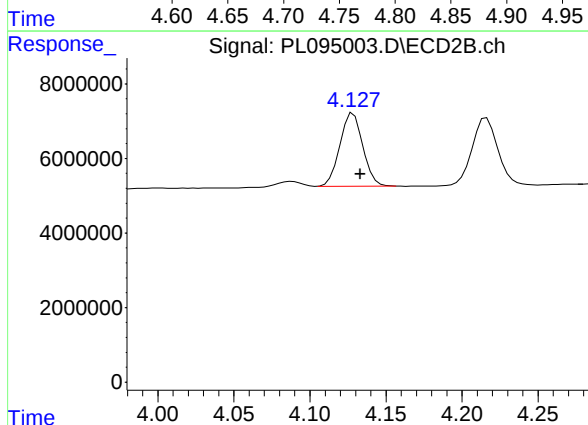
#7 delta-BHC

R.T.: 4.767 min
Delta R.T.: -0.006 min
Response: 23497032
Conc: 6.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-08-04012025MS

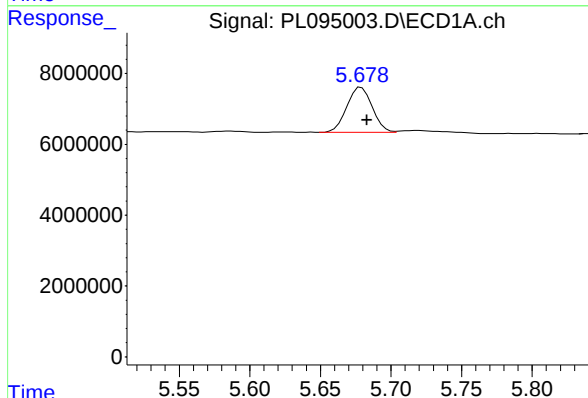
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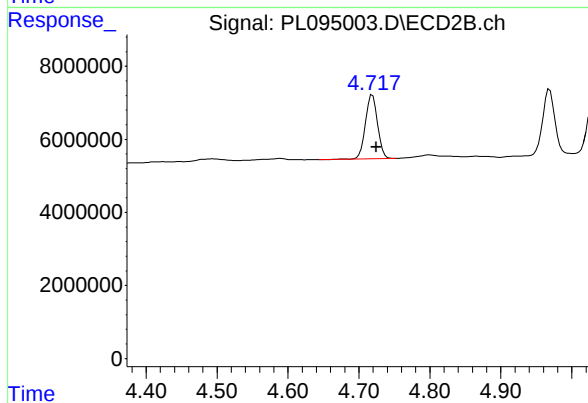
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: -0.006 min
Response: 20673851
Conc: 4.13 ng/ml m



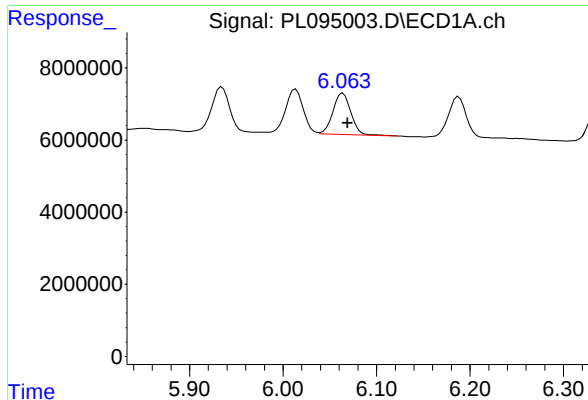
#8 Heptachlor epoxide

R.T.: 5.678 min
Delta R.T.: -0.006 min
Response: 15961423
Conc: 4.77 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: -0.006 min
Response: 20581562
Conc: 4.50 ng/ml



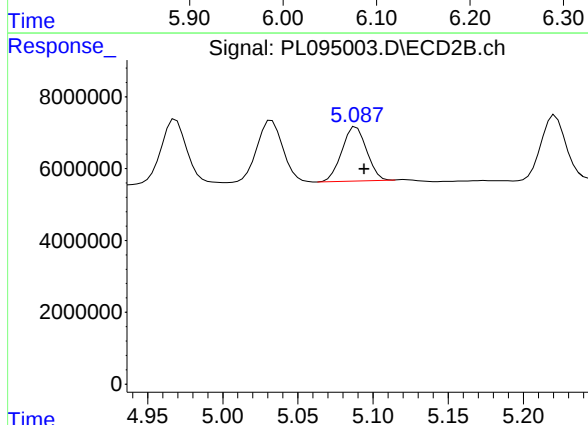
#9 Endosulfan I

R.T.: 6.064 min
Delta R.T.: -0.005 min
Response: 15163355
Conc: 4.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-08-04012025MS

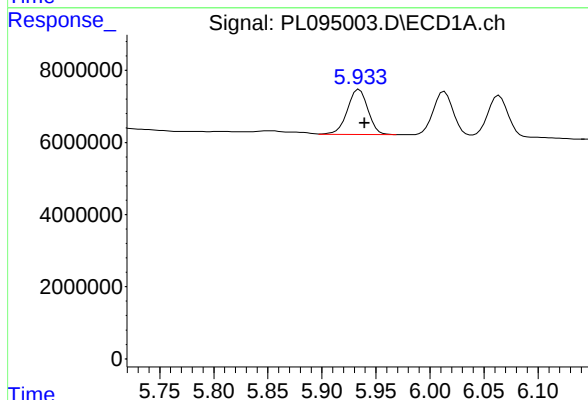
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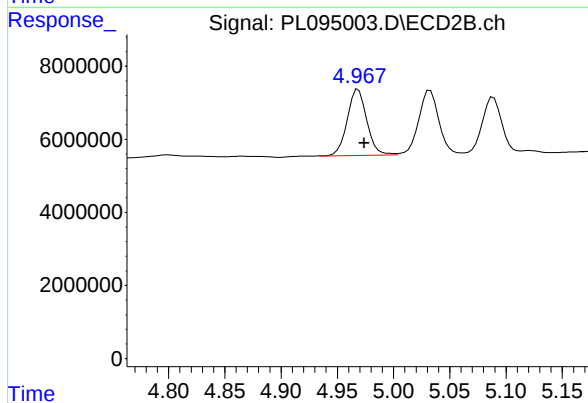
#9 Endosulfan I

R.T.: 5.089 min
Delta R.T.: -0.005 min
Response: 17308260
Conc: 3.94 ng/ml



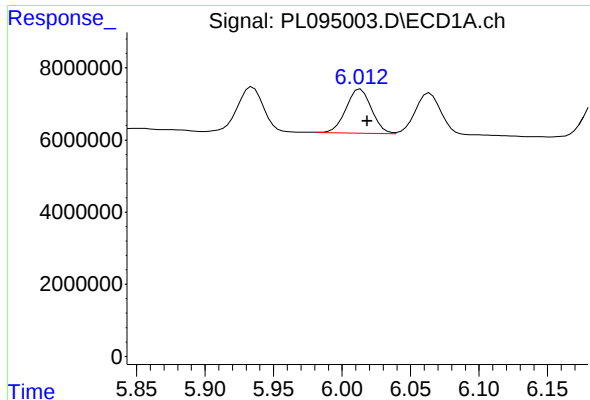
#10 gamma-Chlordane

R.T.: 5.933 min
Delta R.T.: -0.006 min
Response: 16560494
Conc: 4.92 ng/ml m



#10 gamma-Chlordane

R.T.: 4.967 min
Delta R.T.: -0.007 min
Response: 21945991
Conc: 4.55 ng/ml m



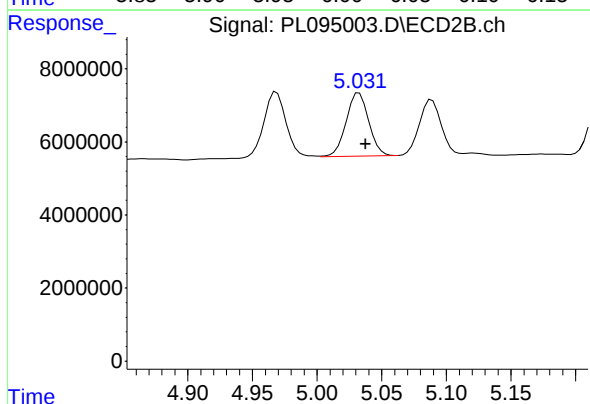
#11 alpha-Chlordane

R.T.: 6.013 min
Delta R.T.: -0.005 min
Response: 15949210
Conc: 4.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-08-04012025MS

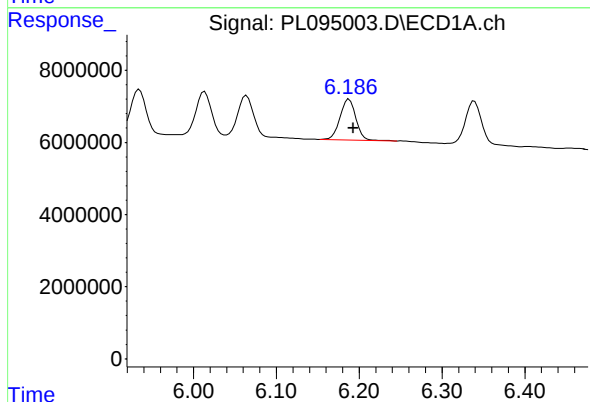
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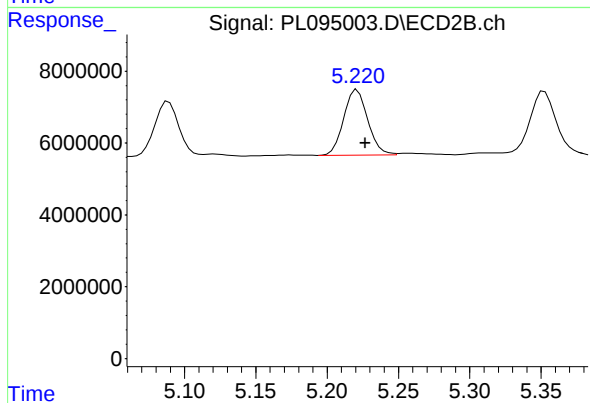
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: -0.005 min
Response: 21042645
Conc: 4.41 ng/ml



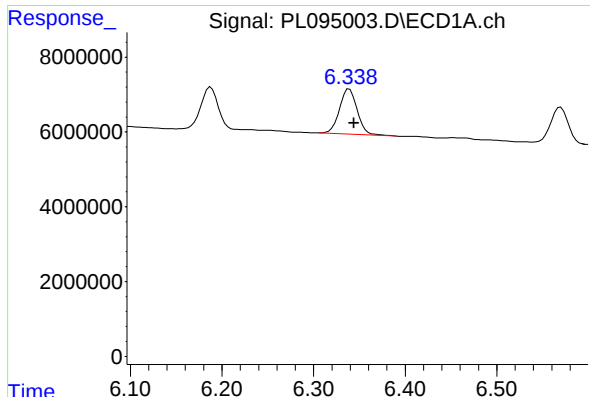
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.005 min
Response: 14942544
Conc: 5.08 ng/ml



#12 4,4'-DDE

R.T.: 5.220 min
Delta R.T.: -0.007 min
Response: 21328809
Conc: 4.59 ng/ml m



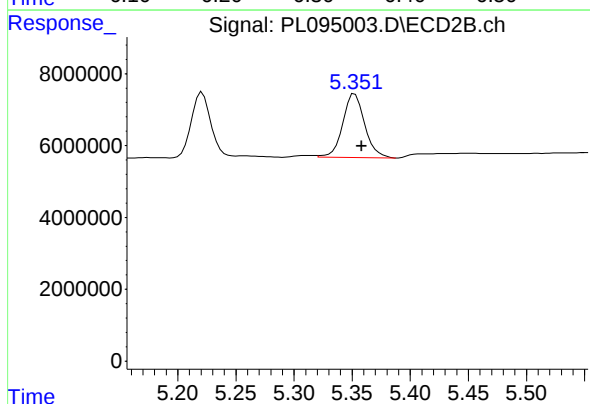
#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 16239389
Conc: 5.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-08-04012025MS

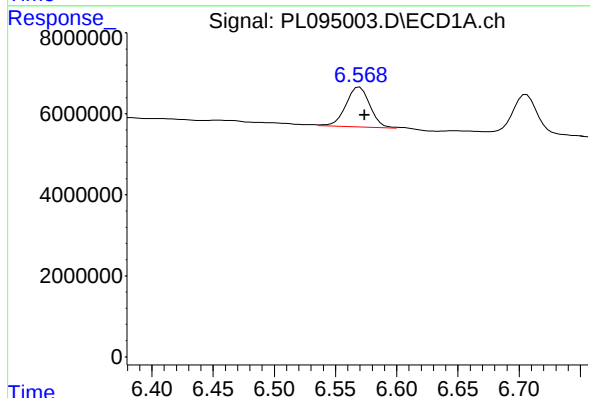
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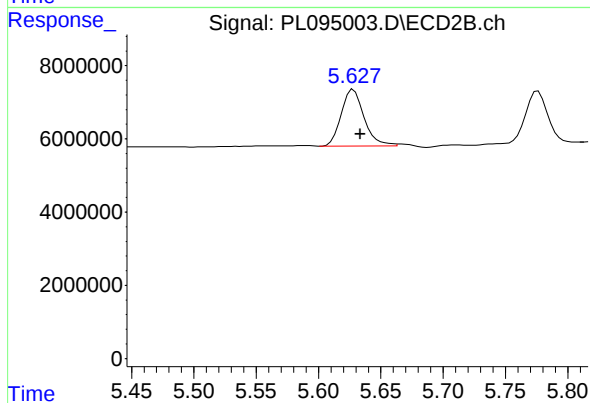
#13 Dieldrin

R.T.: 5.351 min
Delta R.T.: -0.007 min
Response: 23181978
Conc: 4.78 ng/ml m



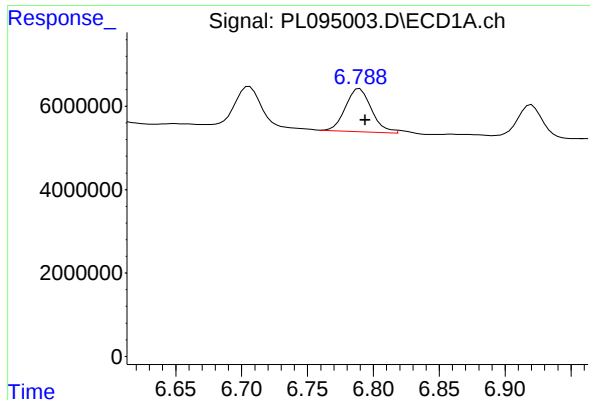
#14 Endrin

R.T.: 6.568 min
Delta R.T.: -0.005 min
Response: 13314317
Conc: 4.80 ng/ml m



#14 Endrin

R.T.: 5.627 min
Delta R.T.: -0.007 min
Response: 19940235
Conc: 4.57 ng/ml m



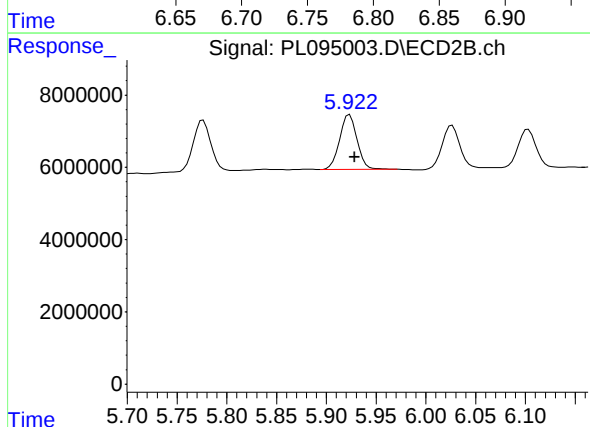
#15 Endosulfan II

R.T.: 6.788 min
Delta R.T.: -0.005 min
Response: 14078357
Conc: 5.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-08-04012025MS

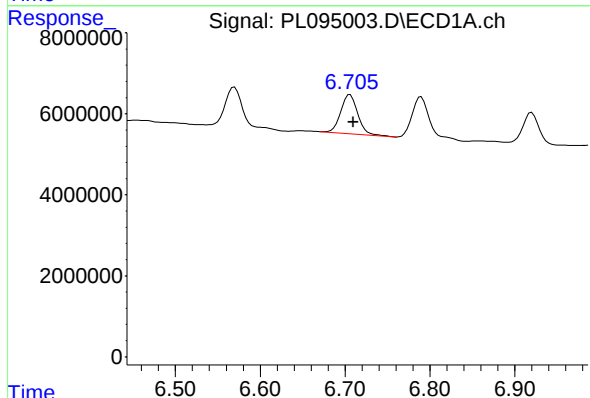
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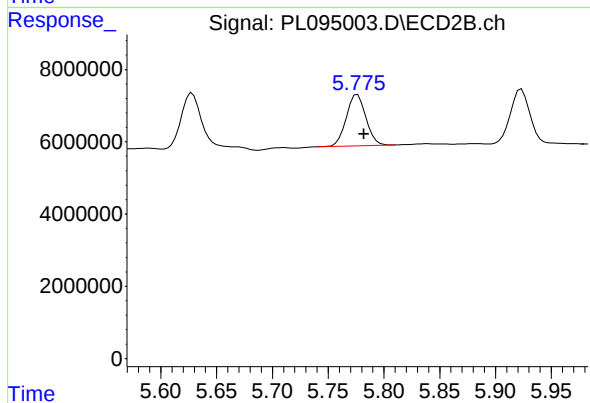
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: -0.005 min
Response: 18513227
Conc: 4.28 ng/ml



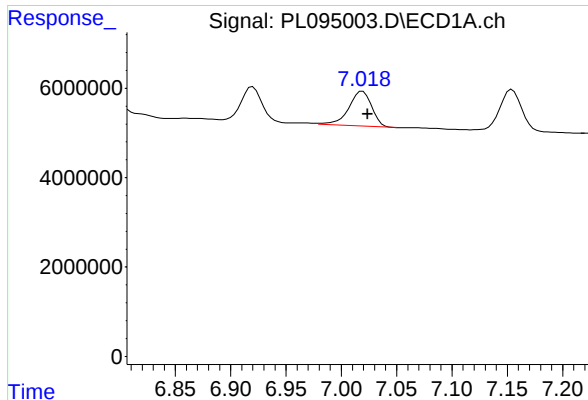
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 13516983
Conc: 6.24 ng/ml



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: -0.006 min
Response: 17321012
Conc: 4.82 ng/ml



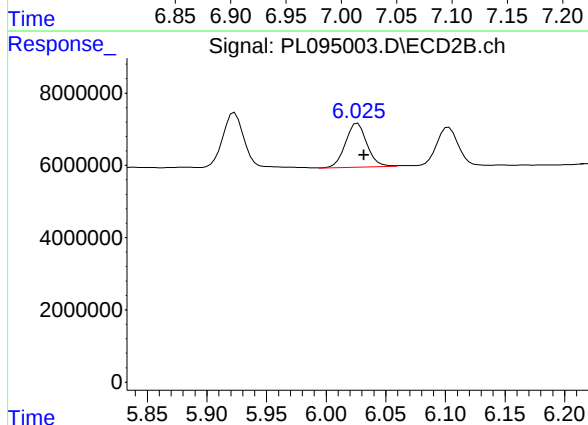
#17 4,4'-DDT

R.T.: 7.018 min
Delta R.T.: -0.006 min
Response: 11239025
Conc: 4.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-08-04012025MS

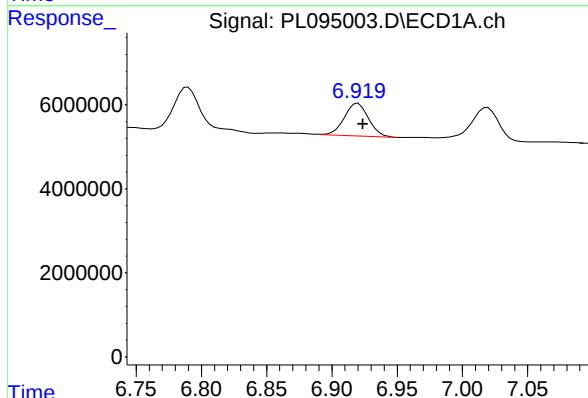
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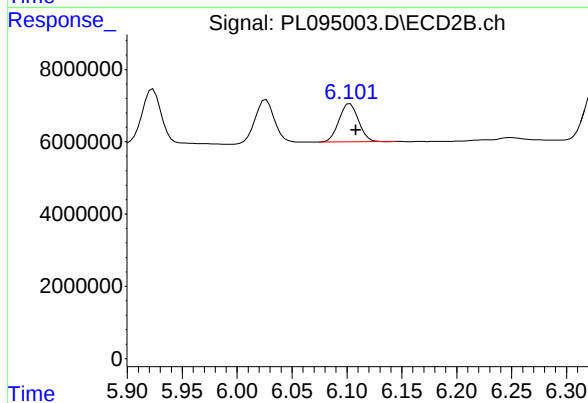
#17 4,4'-DDT

R.T.: 6.025 min
Delta R.T.: -0.007 min
Response: 15340613
Conc: 3.80 ng/ml



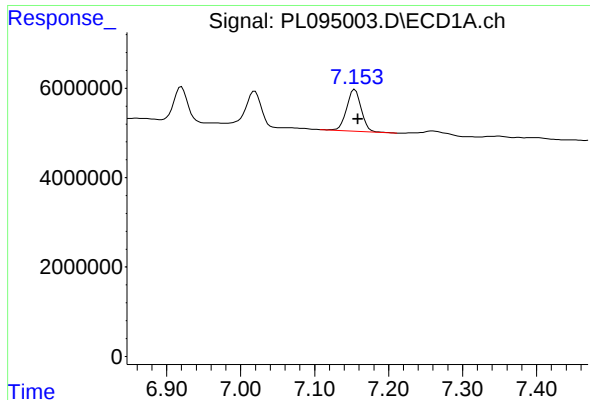
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: -0.005 min
Response: 9980852
Conc: 4.73 ng/ml



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: -0.005 min
Response: 13068912
Conc: 3.88 ng/ml



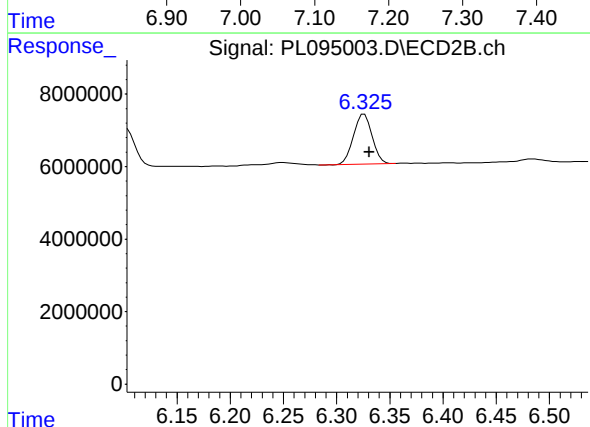
#19 Endosulfan Sulfate

R.T.: 7.154 min
Delta R.T.: -0.004 min
Response: 12695324
Conc: 5.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-08-04012025MS

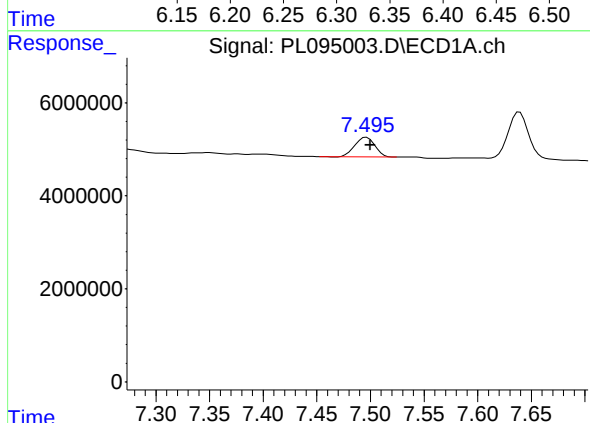
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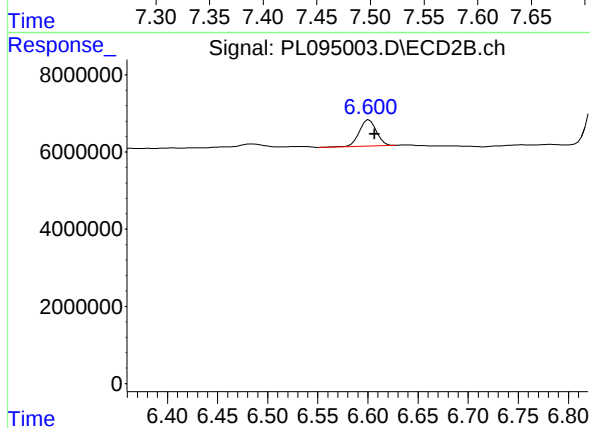
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: -0.005 min
Response: 16709150
Conc: 4.10 ng/ml



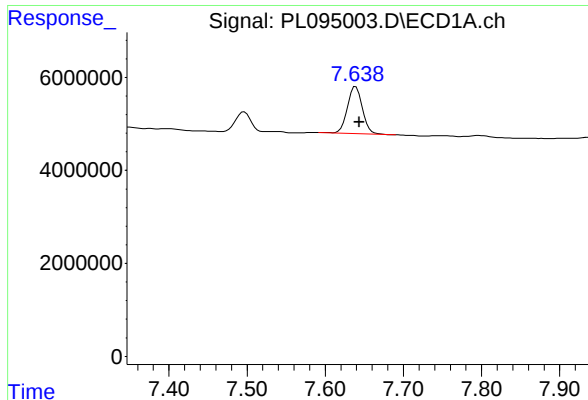
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: -0.004 min
Response: 5542852
Conc: 4.63 ng/ml



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: -0.006 min
Response: 8060040
Conc: 3.80 ng/ml



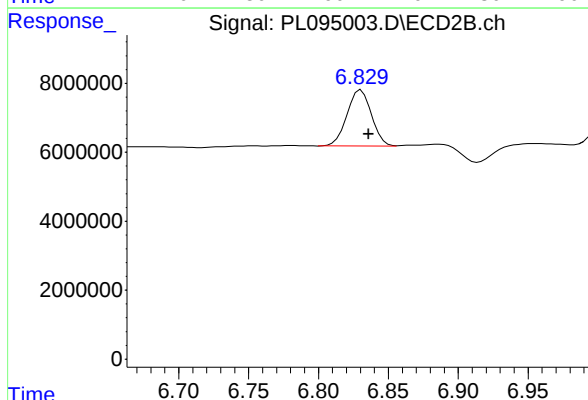
#21 Endrin ketone

R.T.: 7.639 min
Delta R.T.: -0.005 min
Response: 13449419
Conc: 5.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-08-04012025MS

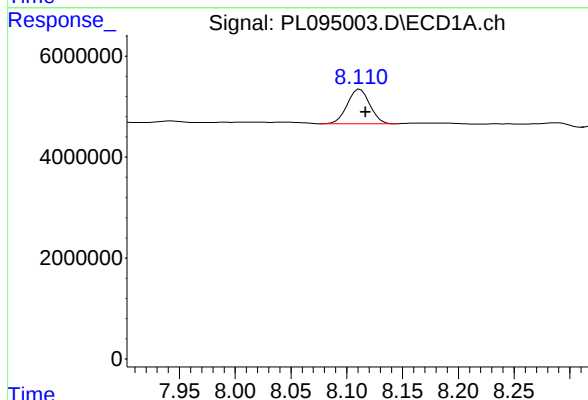
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/02/2025
Supervised By :mohammad ahmed 04/03/2025



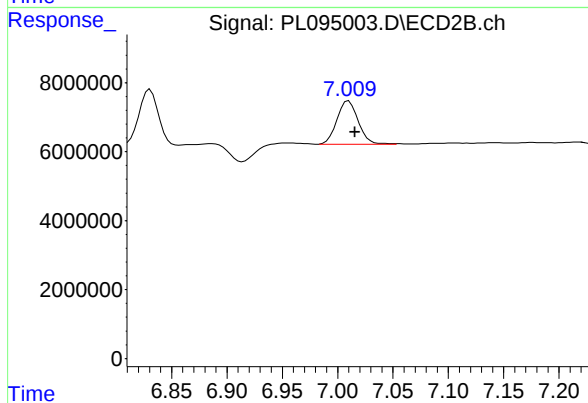
#21 Endrin ketone

R.T.: 6.829 min
Delta R.T.: -0.007 min
Response: 19796466
Conc: 4.15 ng/ml m



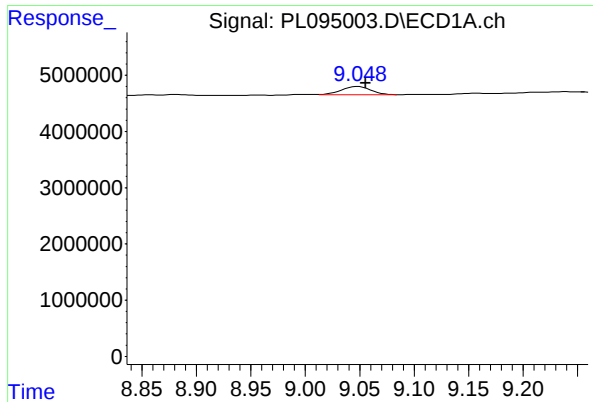
#22 Mirex

R.T.: 8.112 min
Delta R.T.: -0.005 min
Response: 9651348
Conc: 4.67 ng/ml



#22 Mirex

R.T.: 7.008 min
Delta R.T.: -0.007 min
Response: 16861888
Conc: 4.44 ng/ml m



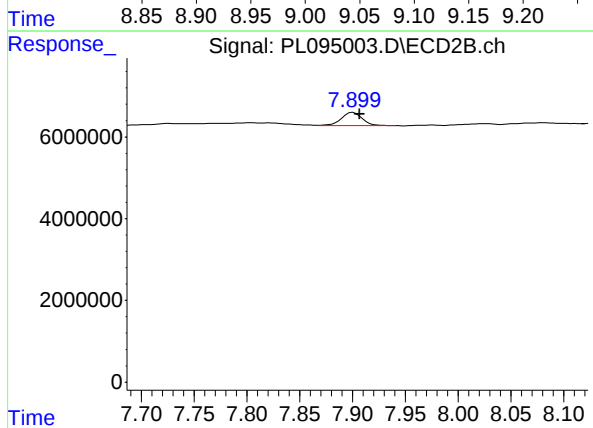
#28 Decachlorobiphenyl

R.T.: 9.048 min
Delta R.T.: -0.008 min
Response: 2782096
Conc: 1.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-08-04012025MS

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#28 Decachlorobiphenyl

R.T.: 7.899 min
Delta R.T.: -0.008 min
Response: 4471631
Conc: 1.11 ng/ml m