

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040125\
 Data File : PL095004.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2025 20:19
 Operator : AR\AJ
 Sample : Q1692-01MSD 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 NB-08-04012025MSD

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 01:28:48 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	4053569	5894525	1.432	1.651
28) SA Decachlor...	9.045	7.899	2537640	3593415	1.204m	0.890m#
Target Compounds						
2) A alpha-BHC	3.990	3.268	19305331	23016940	4.649	4.269m
3) MA gamma-BHC...	4.323	3.599	18797039	22121185	4.711	4.304
4) MA Heptachlor	4.909	3.937	17831144	22666877	4.594m	4.302
5) MB Aldrin	5.251	4.216	17252586	21015300	4.673	4.310
6) B beta-BHC	4.522	3.900	9075569	11361612	4.918	5.115
7) B delta-BHC	4.766	4.127	21559549	20691765	5.536m	4.137m#
8) B Heptachlo...	5.678	4.717	15237177	20425817	4.555	4.461m
9) A Endosulfan I	6.064	5.087	14641672	17505840	4.769	3.989m
10) B gamma-Chl...	5.933	4.967	16171694	21404565	4.800m	4.433m
11) B alpha-Chl...	6.013	5.032	15512304	20646474	4.705	4.326
12) B 4,4'-DDE	6.187	5.219	14885871	20897059	5.060	4.495m
13) MA Dieldrin	6.339	5.350	15813762	23002411	4.945	4.741m
14) MA Endrin	6.567	5.626	12668309	19665899	4.570m	4.507m
15) B Endosulfa...	6.788	5.922	13099881	18721657	4.825m	4.325
16) A 4,4'-DDD	6.705	5.775	12559203	17135202	5.798	4.765
17) MA 4,4'-DDT	7.017	6.024	10626407	15161829	4.468m	3.760m
18) B Endrin al...	6.919	6.102	10064510	12619945	4.768	3.750
19) B Endosulfa...	7.152	6.325	13106043	16446259	5.389m	4.037 #
20) A Methoxychlor	7.495	6.599	5637679	8347533	4.710	3.936m
21) B Endrin ke...	7.639	6.828	13209786	19769214	4.998	4.142m
22) Mirex	8.111	7.008	9690565	16327736	4.690	4.302m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040125\
Data File : PL095004.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Apr 2025 20:19
Operator : AR\AJ
Sample : Q1692-01MSD 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

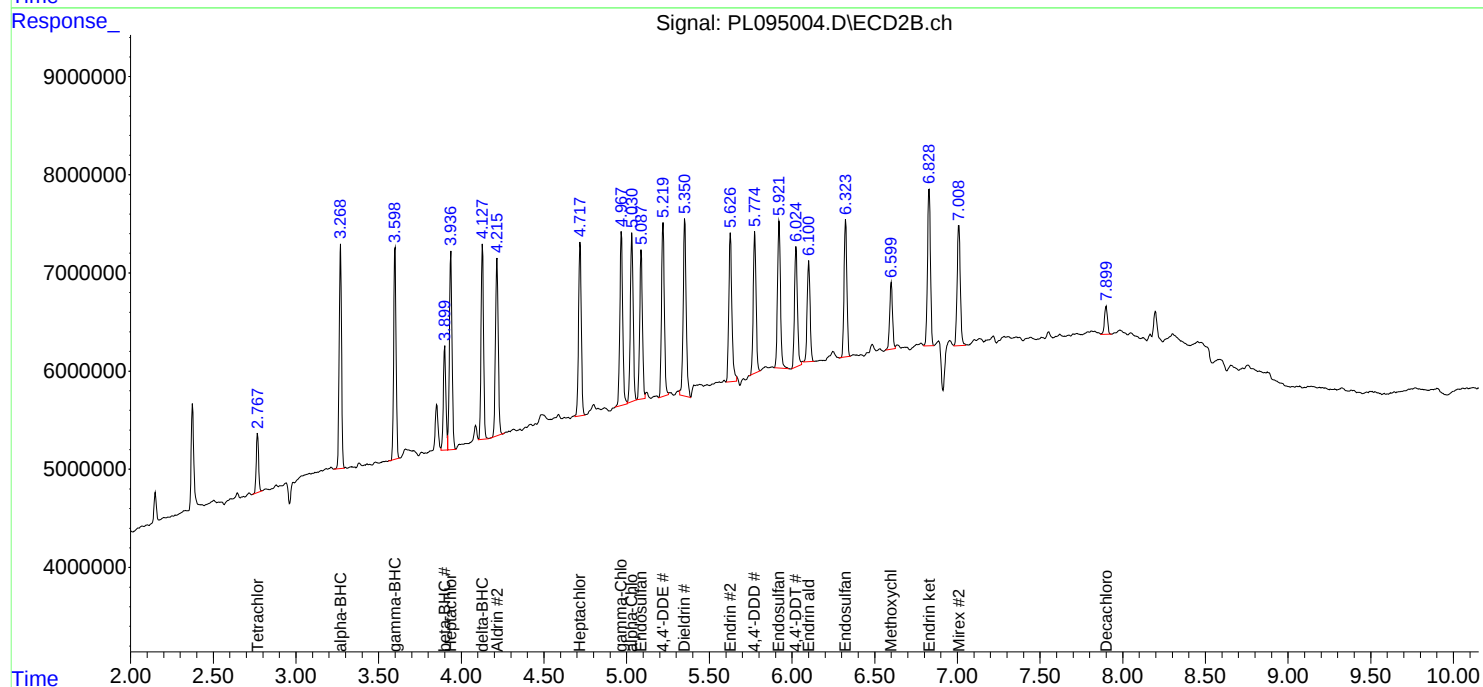
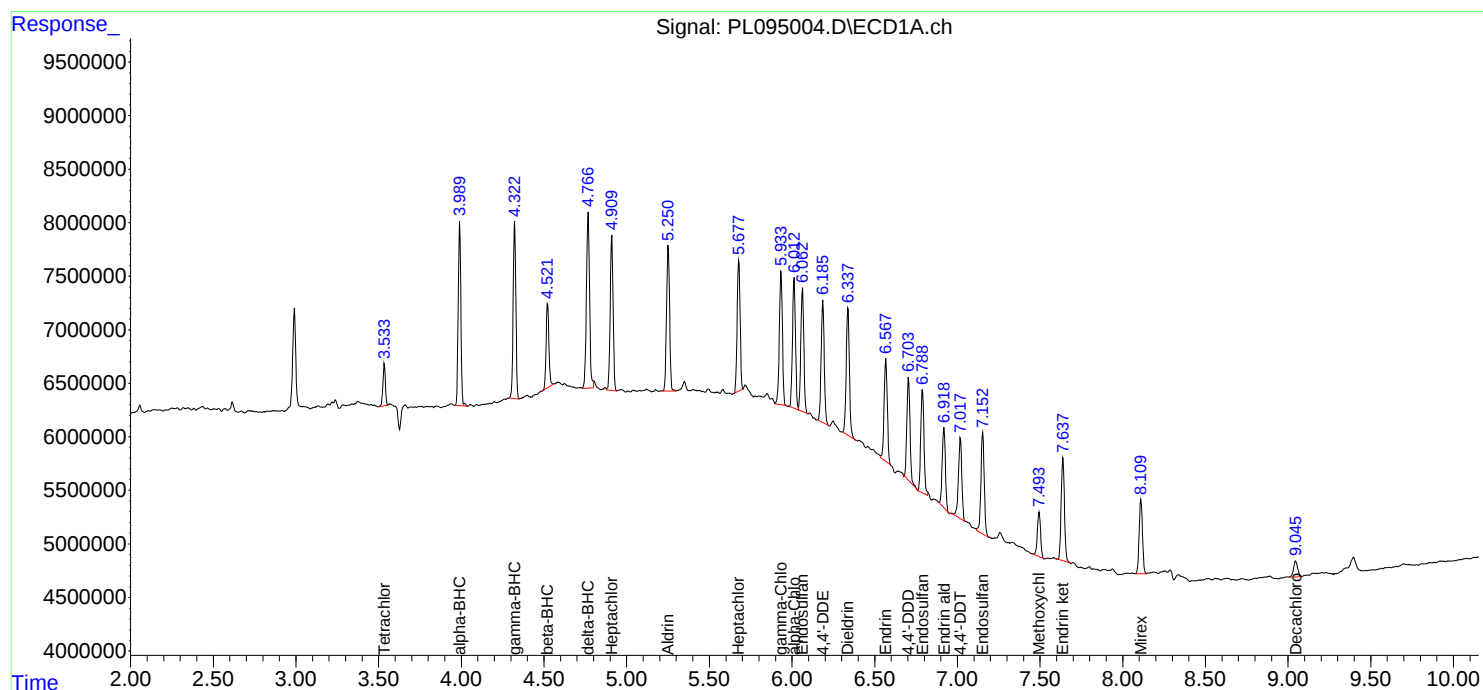
Instrument :
ECD_L
ClientSampleId :
NB-08-04012025MSD

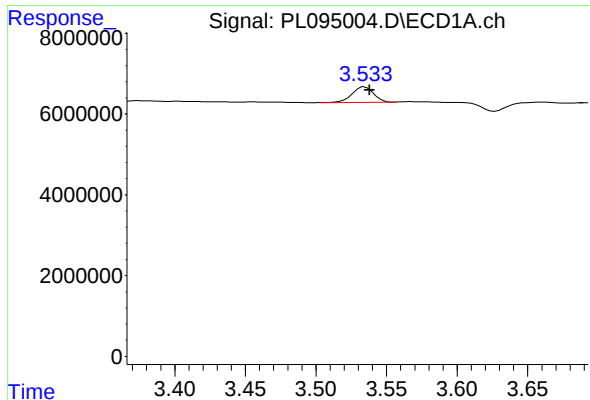
Manual Integrations
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Supervised By :mohammad ahmed 04/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 02 01:28:48 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





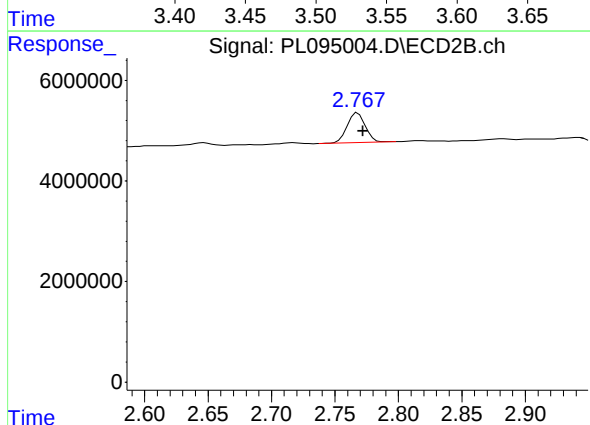
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 4053569
Conc: 1.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-08-04012025MSD

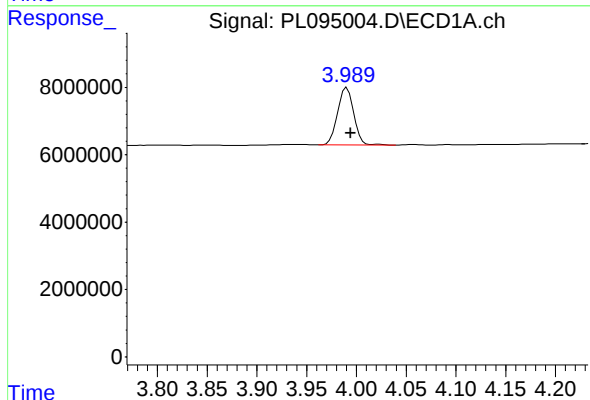
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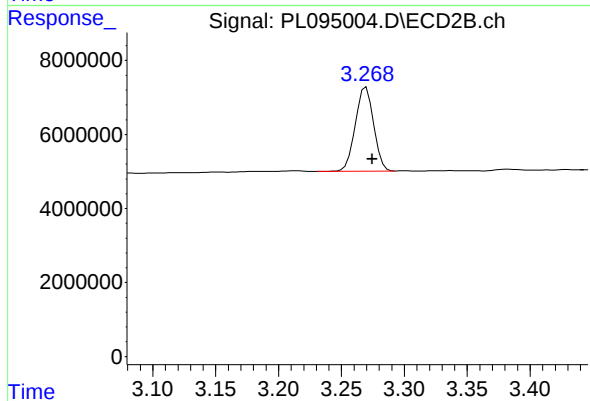
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: -0.004 min
Response: 5894525
Conc: 1.65 ng/ml



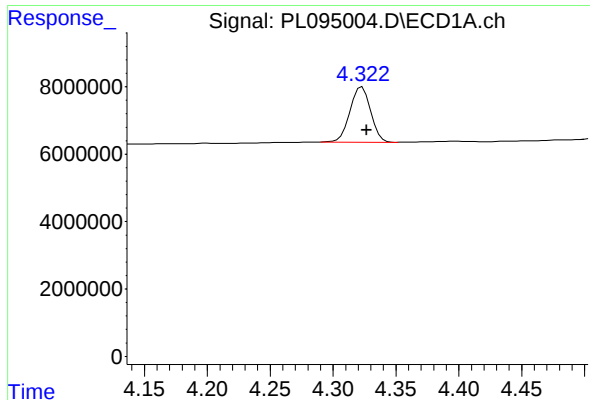
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: -0.004 min
Response: 19305331
Conc: 4.65 ng/ml



#2 alpha-BHC

R.T.: 3.268 min
Delta R.T.: -0.006 min
Response: 23016940
Conc: 4.27 ng/ml m



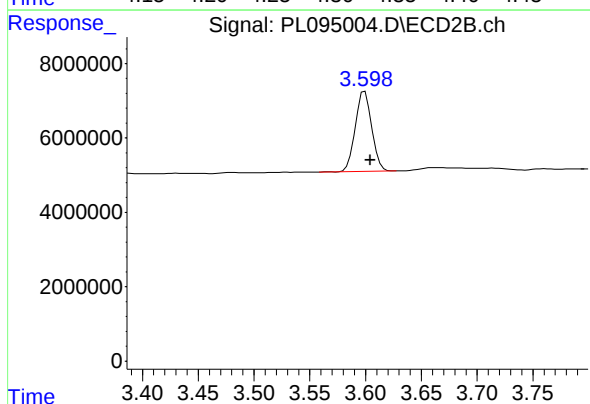
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: -0.004 min
Response: 18797039
Conc: 4.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
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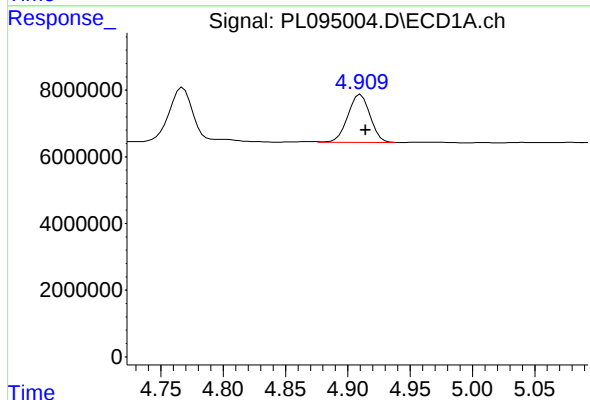
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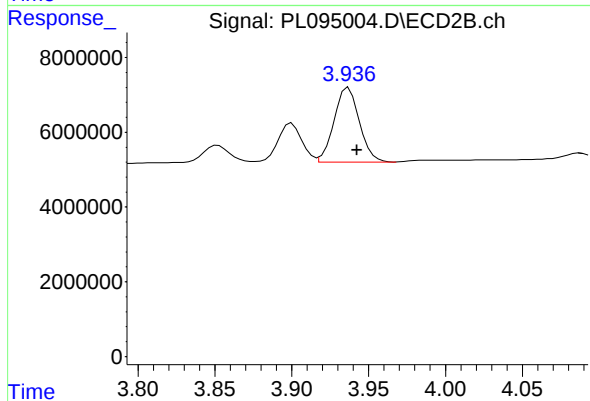
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: -0.005 min
Response: 22121185
Conc: 4.30 ng/ml



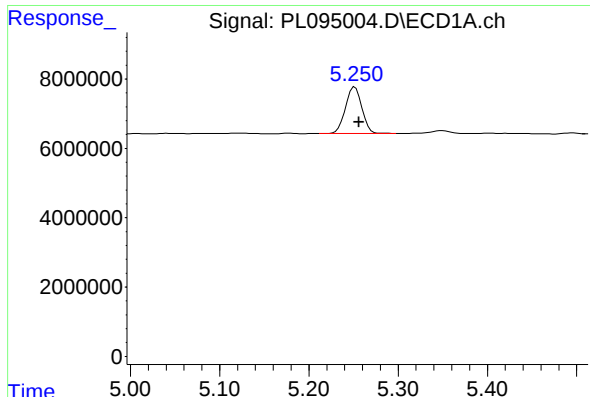
#4 Heptachlor

R.T.: 4.909 min
Delta R.T.: -0.005 min
Response: 17831144
Conc: 4.59 ng/ml m



#4 Heptachlor

R.T.: 3.937 min
Delta R.T.: -0.006 min
Response: 22666877
Conc: 4.30 ng/ml



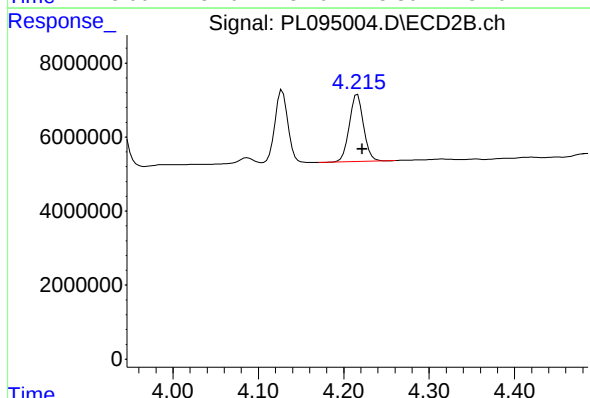
#5 Aldrin

R.T.: 5.251 min
Delta R.T.: -0.005 min
Response: 17252586
Conc: 4.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-08-04012025MSD

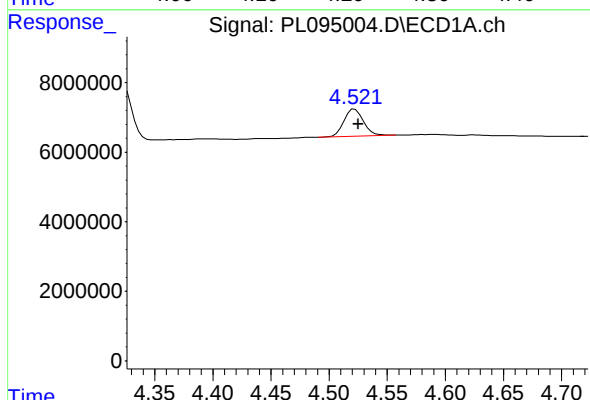
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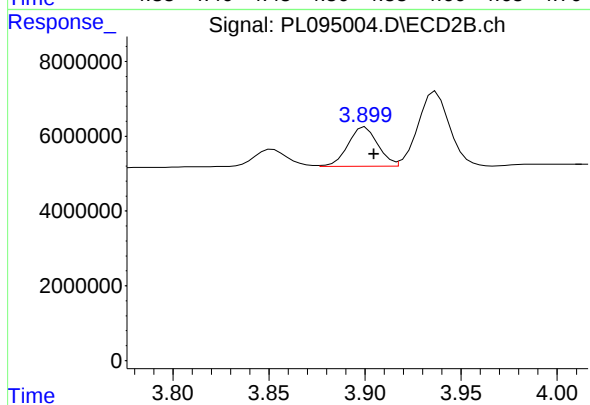
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: -0.006 min
Response: 21015300
Conc: 4.31 ng/ml



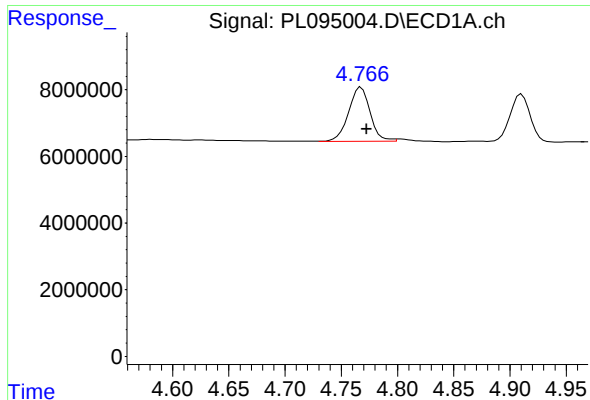
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: -0.003 min
Response: 9075569
Conc: 4.92 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: -0.005 min
Response: 11361612
Conc: 5.11 ng/ml



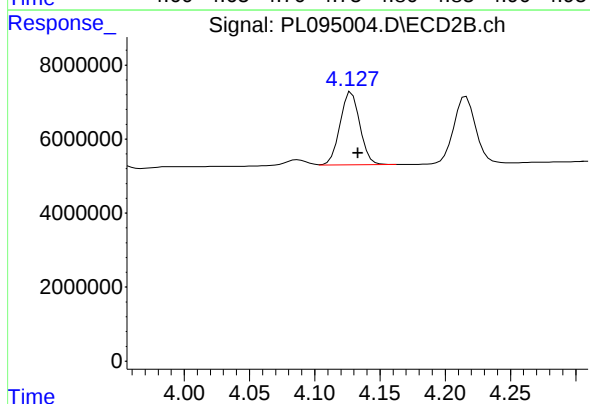
#7 delta-BHC

R.T.: 4.766 min
Delta R.T.: -0.006 min
Response: 21559549
Conc: 5.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-08-04012025MSD

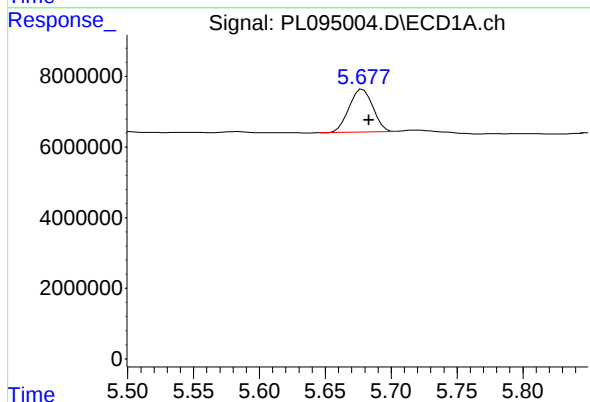
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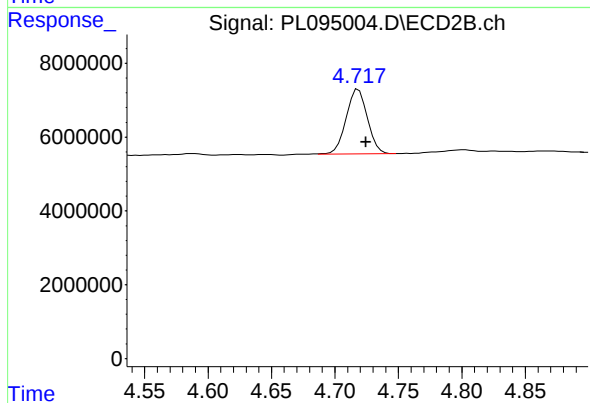
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: -0.006 min
Response: 20691765
Conc: 4.14 ng/ml m



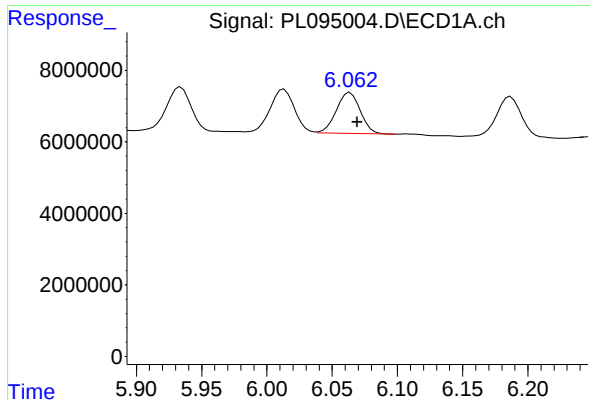
#8 Heptachlor epoxide

R.T.: 5.678 min
Delta R.T.: -0.005 min
Response: 15237177
Conc: 4.55 ng/ml



#8 Heptachlor epoxide

R.T.: 4.717 min
Delta R.T.: -0.007 min
Response: 20425817
Conc: 4.46 ng/ml m



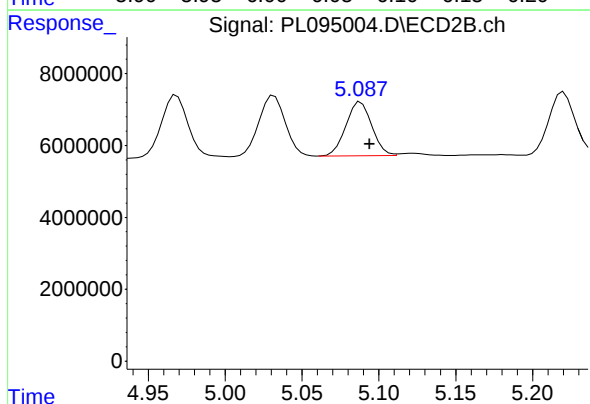
#9 Endosulfan I

R.T.: 6.064 min
Delta R.T.: -0.005 min
Response: 14641672
Conc: 4.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-08-04012025MSD

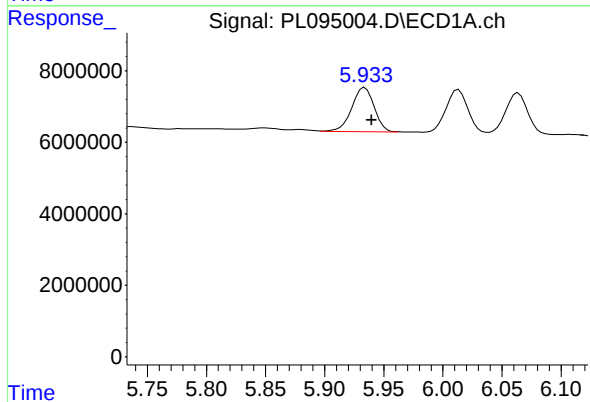
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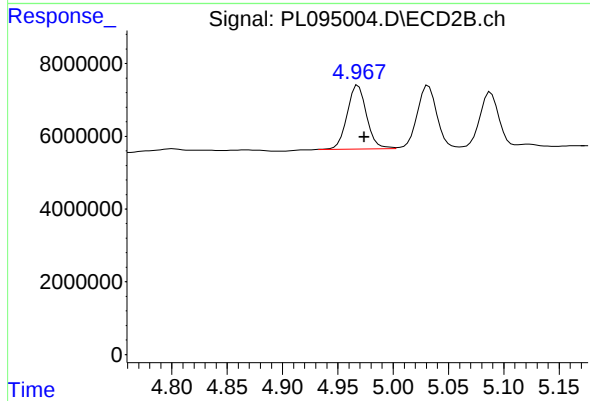
#9 Endosulfan I

R.T.: 5.087 min
Delta R.T.: -0.007 min
Response: 17505840
Conc: 3.99 ng/ml



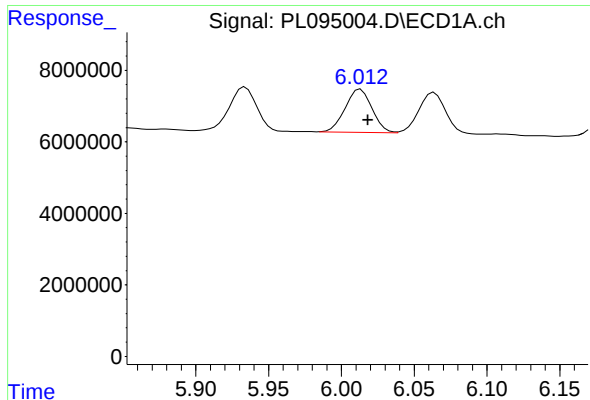
#10 gamma-Chlordane

R.T.: 5.933 min
Delta R.T.: -0.007 min
Response: 16171694
Conc: 4.80 ng/ml



#10 gamma-Chlordane

R.T.: 4.967 min
Delta R.T.: -0.007 min
Response: 21404565
Conc: 4.43 ng/ml



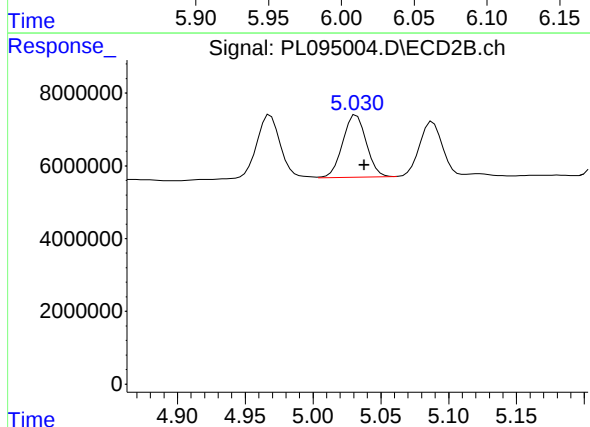
#11 alpha-Chlordane

R.T.: 6.013 min
Delta R.T.: -0.005 min
Response: 15512304
Conc: 4.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-08-04012025MSD

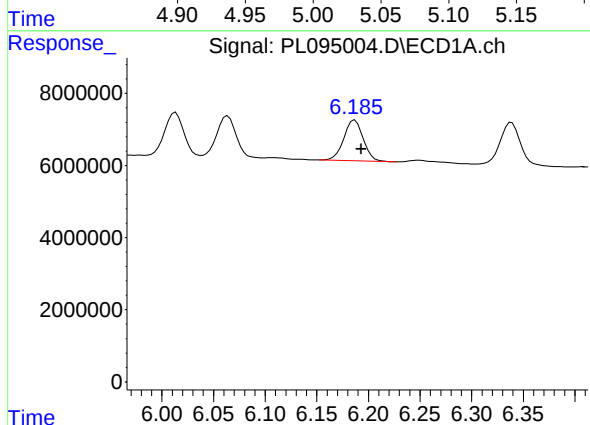
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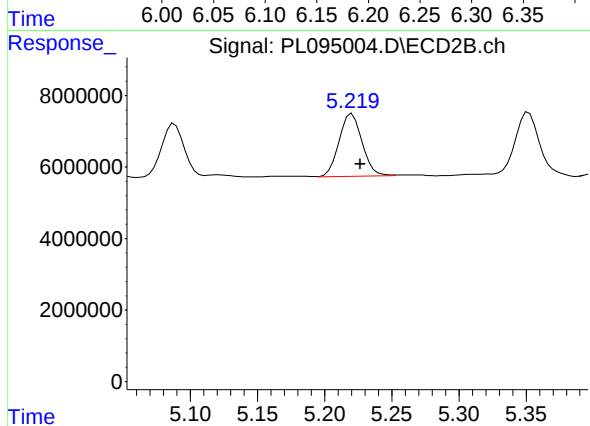
#11 alpha-Chlordane

R.T.: 5.032 min
Delta R.T.: -0.006 min
Response: 20646474
Conc: 4.33 ng/ml



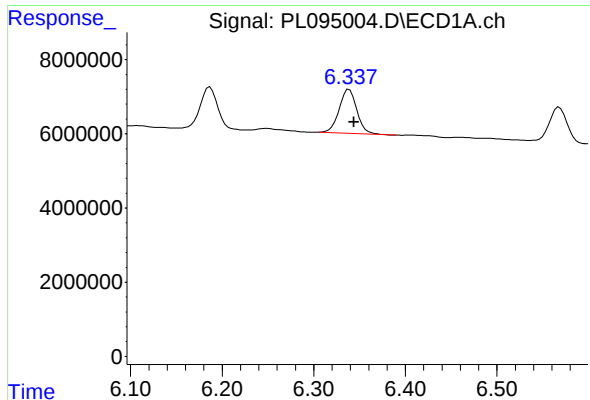
#12 4,4'-DDE

R.T.: 6.187 min
Delta R.T.: -0.006 min
Response: 14885871
Conc: 5.06 ng/ml



#12 4,4'-DDE

R.T.: 5.219 min
Delta R.T.: -0.008 min
Response: 20897059
Conc: 4.50 ng/ml m



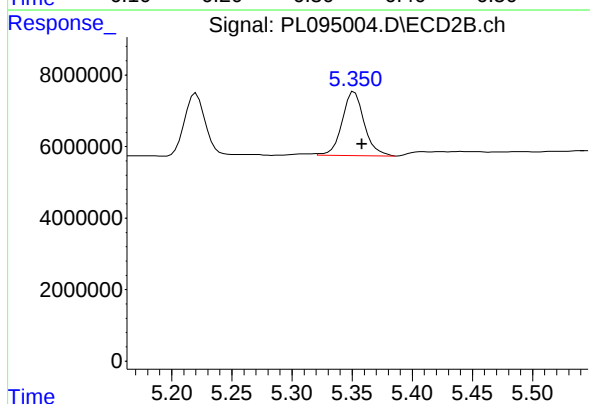
#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: -0.005 min
Response: 15813762
Conc: 4.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
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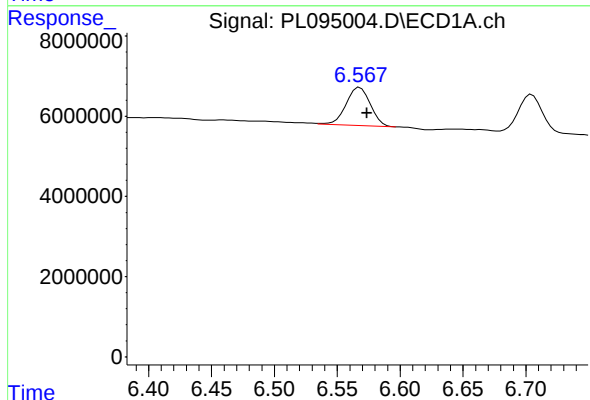
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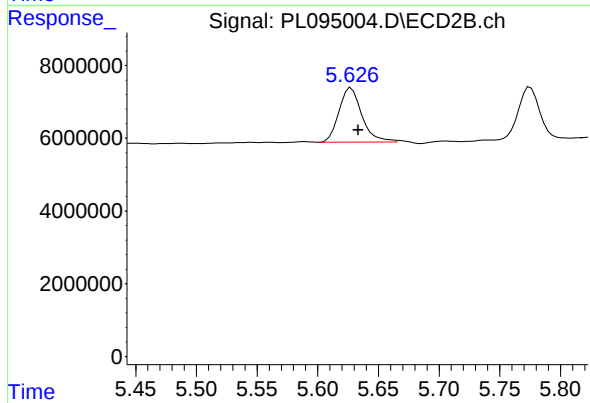
#13 Dieldrin

R.T.: 5.350 min
Delta R.T.: -0.008 min
Response: 23002411
Conc: 4.74 ng/ml m



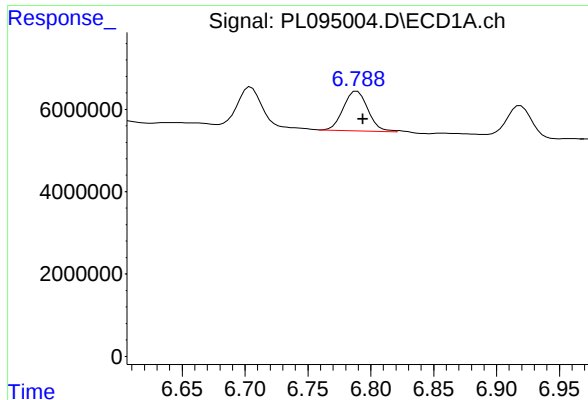
#14 Endrin

R.T.: 6.567 min
Delta R.T.: -0.007 min
Response: 12668309
Conc: 4.57 ng/ml m



#14 Endrin

R.T.: 5.626 min
Delta R.T.: -0.007 min
Response: 19665899
Conc: 4.51 ng/ml m



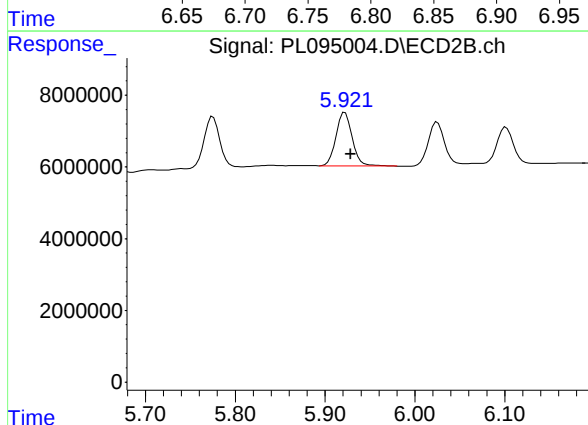
#15 Endosulfan II

R.T.: 6.788 min
Delta R.T.: -0.006 min
Response: 13099881
Conc: 4.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
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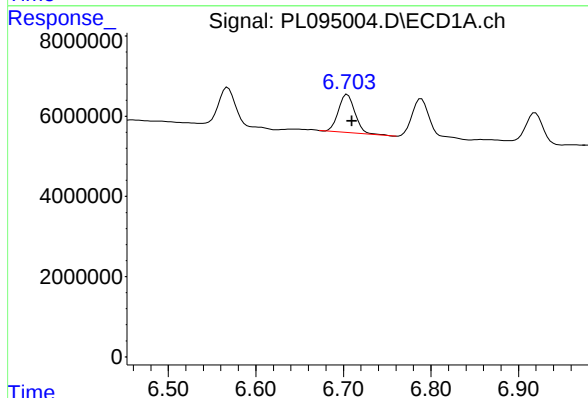
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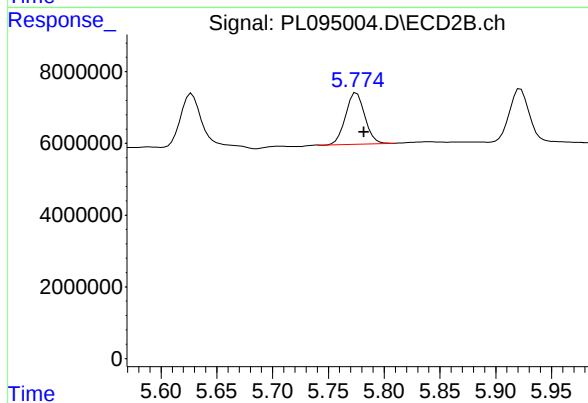
#15 Endosulfan II

R.T.: 5.922 min
Delta R.T.: -0.006 min
Response: 18721657
Conc: 4.33 ng/ml



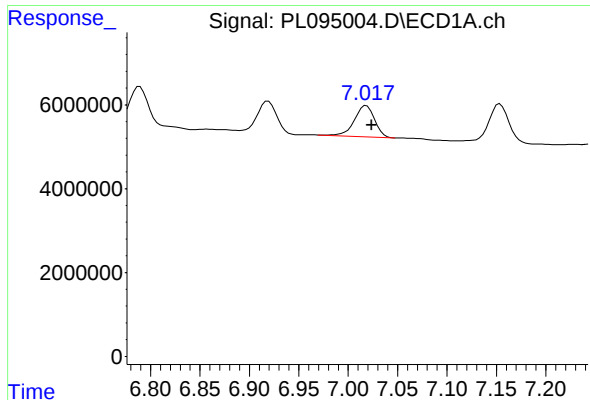
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: -0.005 min
Response: 12559203
Conc: 5.80 ng/ml



#16 4,4'-DDD

R.T.: 5.775 min
Delta R.T.: -0.007 min
Response: 17135202
Conc: 4.77 ng/ml



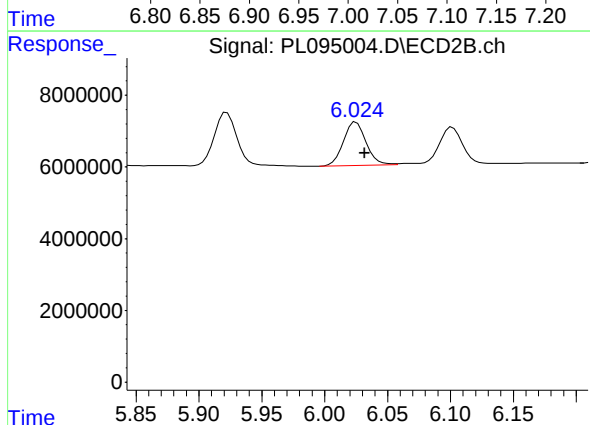
#17 4,4'-DDT

R.T.: 7.017 min
Delta R.T.: -0.007 min
Response: 10626407
Conc: 4.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
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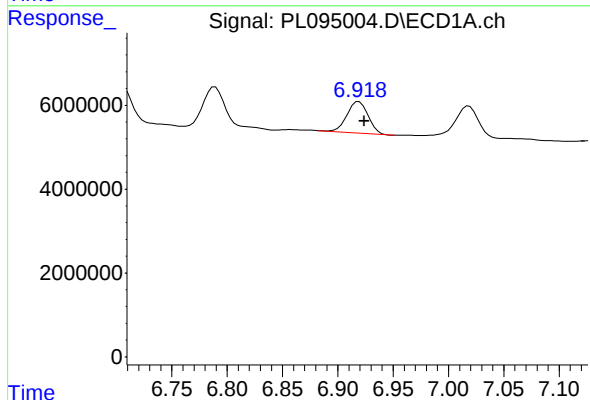
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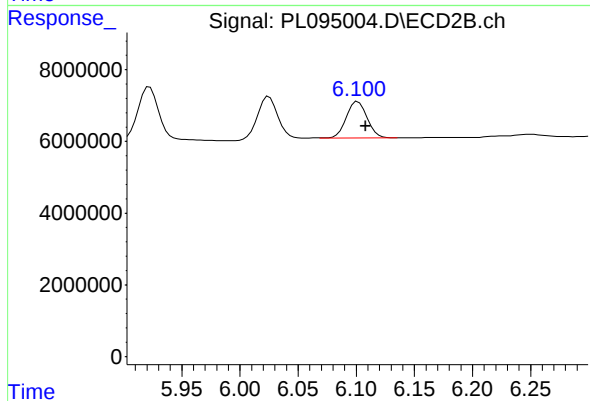
#17 4,4'-DDT

R.T.: 6.024 min
Delta R.T.: -0.008 min
Response: 15161829
Conc: 3.76 ng/ml



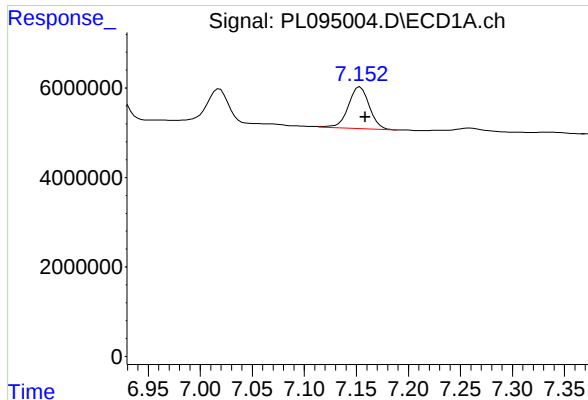
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: -0.005 min
Response: 10064510
Conc: 4.77 ng/ml



#18 Endrin aldehyde

R.T.: 6.102 min
Delta R.T.: -0.007 min
Response: 12619945
Conc: 3.75 ng/ml



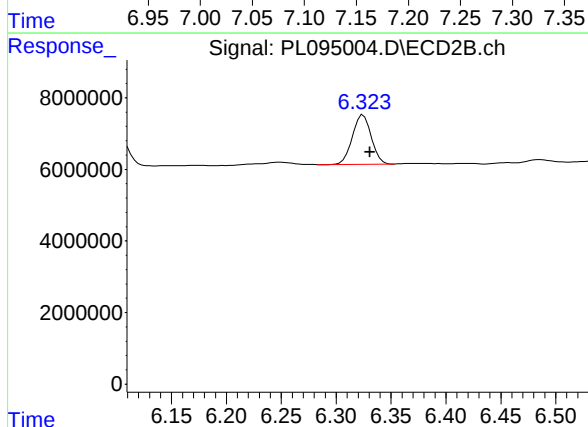
#19 Endosulfan Sulfate

R.T.: 7.152 min
Delta R.T.: -0.006 min
Response: 13106043
Conc: 5.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-08-04012025MSD

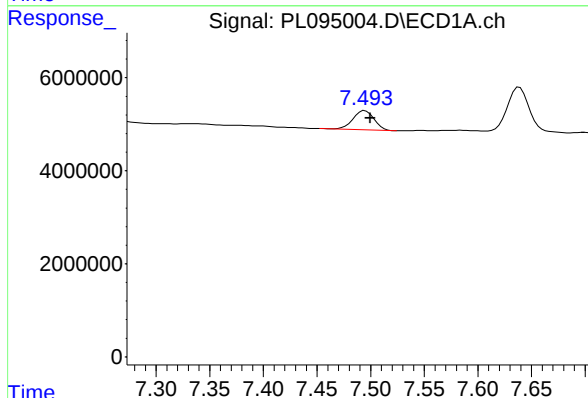
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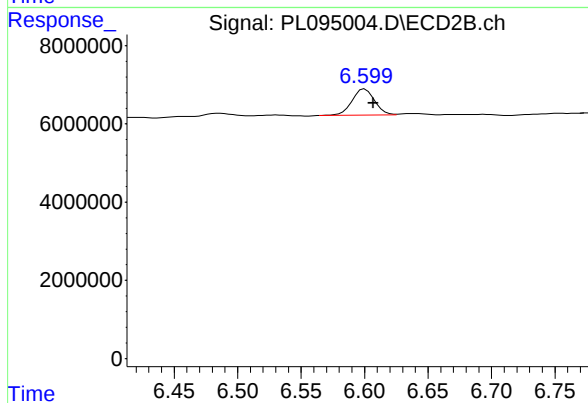
#19 Endosulfan Sulfate

R.T.: 6.325 min
Delta R.T.: -0.006 min
Response: 16446259
Conc: 4.04 ng/ml



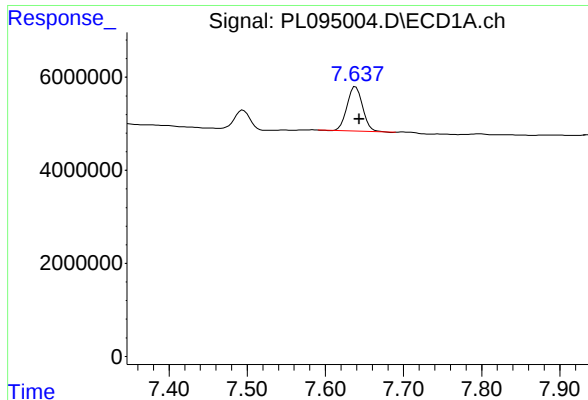
#20 Methoxychlor

R.T.: 7.495 min
Delta R.T.: -0.005 min
Response: 5637679
Conc: 4.71 ng/ml



#20 Methoxychlor

R.T.: 6.599 min
Delta R.T.: -0.008 min
Response: 8347533
Conc: 3.94 ng/ml m



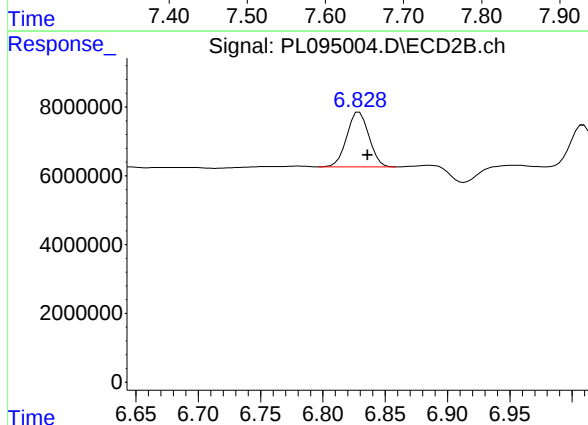
#21 Endrin ketone

R.T.: 7.639 min
Delta R.T.: -0.005 min
Response: 13209786
Conc: 5.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-08-04012025MSD

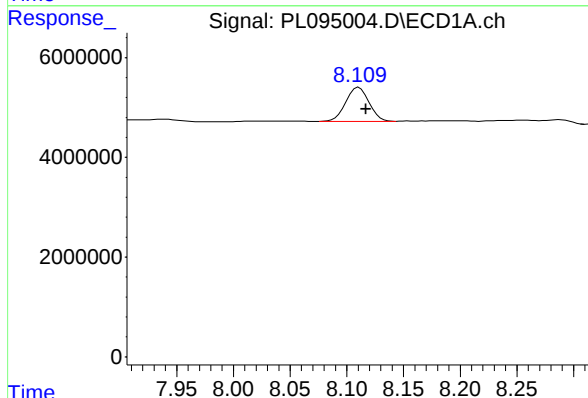
Manual Integrations
APPROVED

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



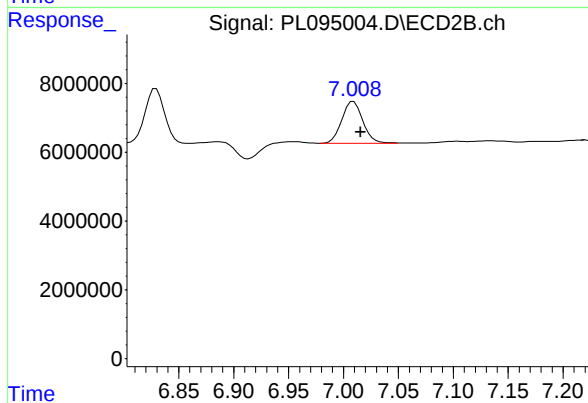
#21 Endrin ketone

R.T.: 6.828 min
Delta R.T.: -0.008 min
Response: 19769214
Conc: 4.14 ng/ml m



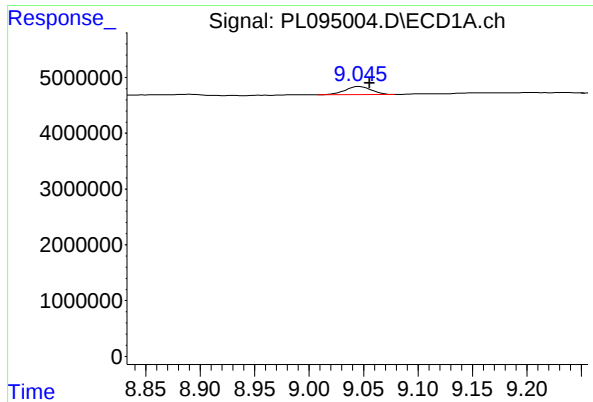
#22 Mirex

R.T.: 8.111 min
Delta R.T.: -0.006 min
Response: 9690565
Conc: 4.69 ng/ml



#22 Mirex

R.T.: 7.008 min
Delta R.T.: -0.008 min
Response: 16327736
Conc: 4.30 ng/ml m



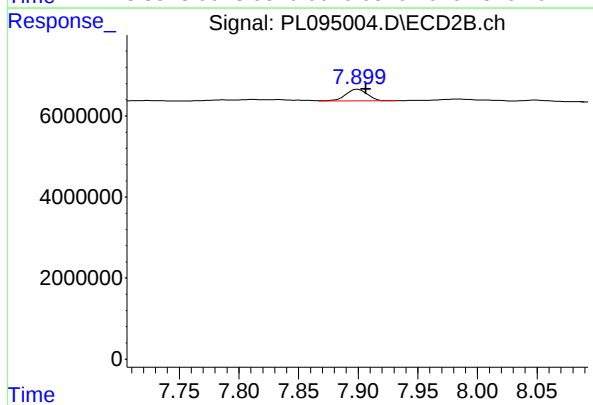
#28 Decachlorobiphenyl

R.T.: 9.045 min
Delta R.T.: -0.011 min
Response: 2537640
Conc: 1.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-08-04012025MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.899 min
Delta R.T.: -0.008 min
Response: 3593415
Conc: 0.89 ng/ml m