

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031725\
 Data File : PL094714.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Mar 2025 13:51
 Operator : AR\AJ
 Sample : Q1585-01MS 10X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OK-02-03142025MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/18/2025
 Supervised By : mohammad ahmed 03/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 18 01:16:06 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	7257183	9677255	2.564m	2.711m
2) SA Decachlor...	9.052	7.904	7544677	7665396	3.580m	1.898m#
Target Compounds						
2) A alpha-BHC	3.993	3.273	21766068	23844617	5.242	4.423
3) MA gamma-BHC...	4.324	3.601	23261056	24014107	5.829m	4.673m
4) MA Heptachlor	4.913	3.939	20106789	24821834	5.180	4.711m
5) MB Aldrin	5.255	4.220	19592901	25566812	5.307	5.243
6) B beta-BHC	4.525	3.902	9554632	12028058	5.178m	5.415m
7) B delta-BHC	4.769	4.130	22656243	18497305	5.818m	3.698m#
8) B Heptachlo...	5.681	4.723	16291111	21844819	4.870m	4.771
9) A Endosulfan I	6.067	5.093	15084435	16711349	4.913	3.808m
10) B gamma-Chl...	5.938	4.971	23583419	22474922	6.999	4.655m#
11) B alpha-Chl...	6.016	5.035	18384804	24585004	5.576	5.151m
12) B 4,4'-DDE	6.191	5.223	10946665	20653777	3.721	4.443m
13) MA Dieldrin	6.343	5.355	16385519	23569673	5.123	4.858m
14) MA Endrin	6.571	5.631	14324666	20536548	5.167m	4.706m
15) B Endosulfa...	6.793	5.926	14072304	18517698	5.184	4.278m
16) A 4,4'-DDD	6.709	5.779	13424910	17214477	6.198	4.787
17) MA 4,4'-DDT	7.023	6.029	12078993	15151567	5.078	3.758 #
18) B Endrin al...	6.922	6.105	10395736	12868223	4.925m	3.824m
19) B Endosulfa...	7.156	6.330	12490876	16225148	5.136m	3.983
20) A Methoxychlor	7.498	6.604	6377364	7678654	5.327m	3.620m#
21) B Endrin ke...	7.641	6.834	12882801	19125953	4.874m	4.007
22) Mirex	8.114	7.013	10880159	14789729	5.266m	3.897m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031725\
Data File : PL094714.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Mar 2025 13:51
Operator : AR\AJ
Sample : Q1585-01MS 10X
Misc :
ALS Vial : 17 Sample Multiplier: 1

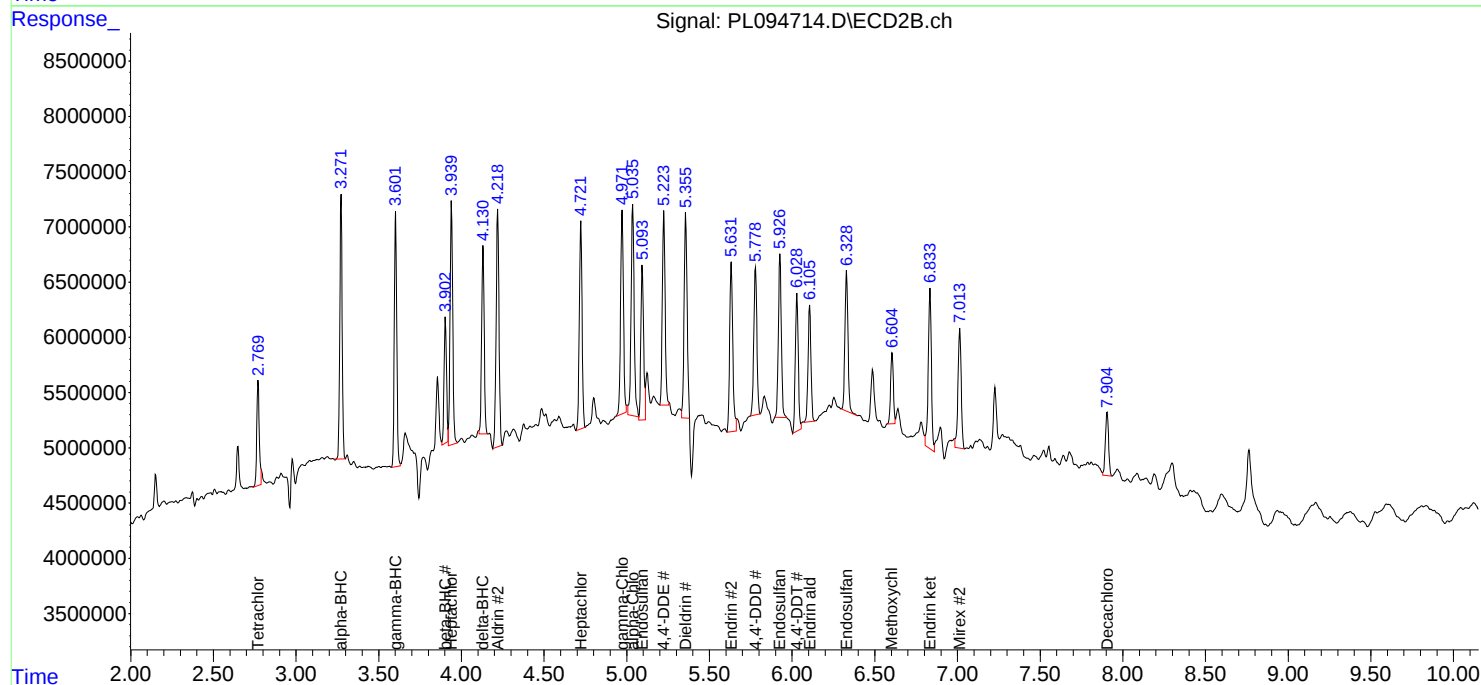
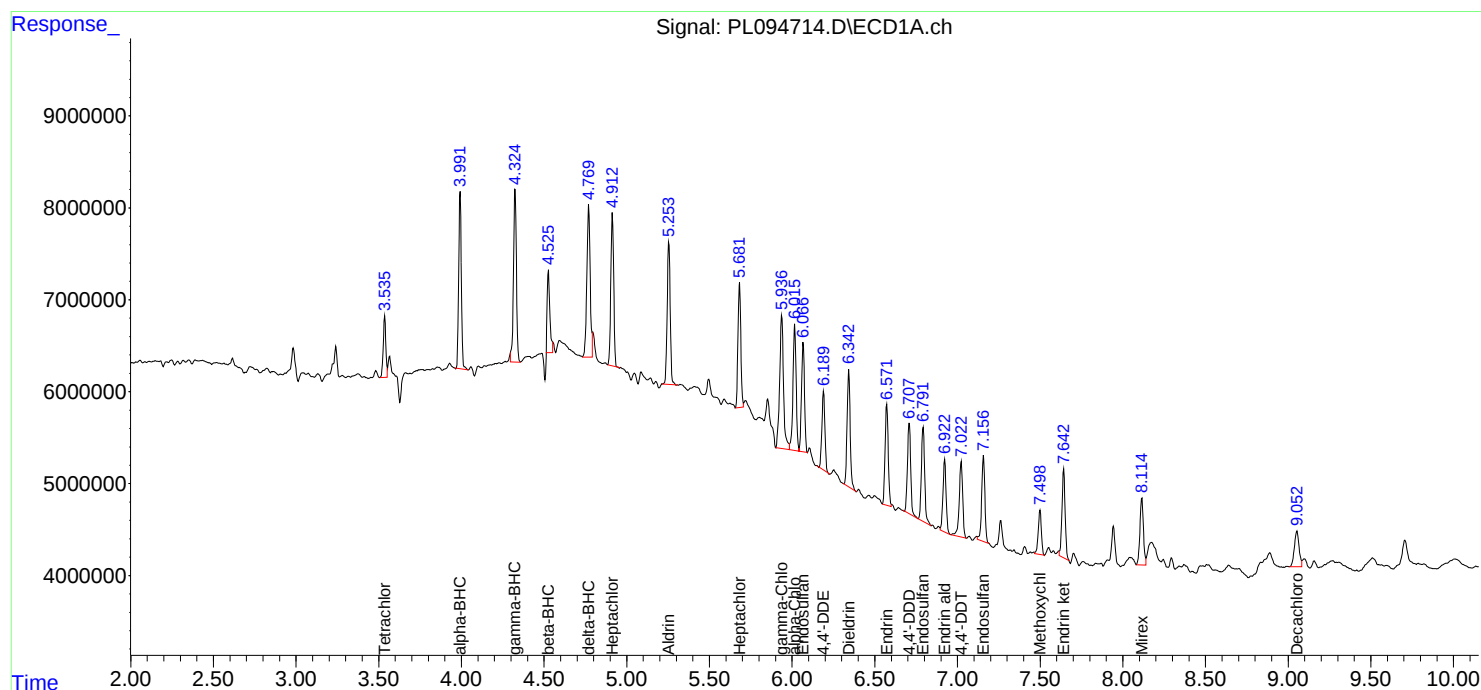
Instrument :
ECD_L
ClientSampleId :
OK-02-03142025MS

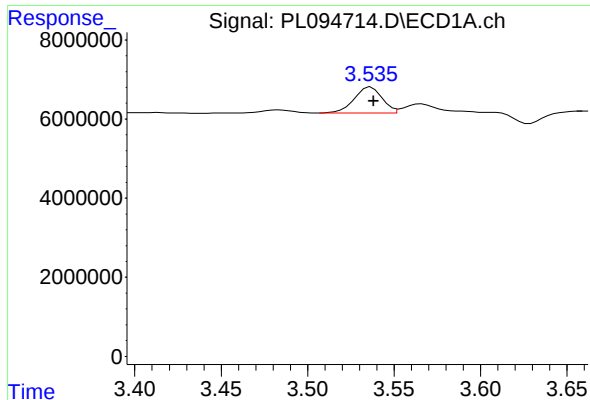
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/18/2025
Supervised By :mohammad ahmed 03/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 18 01:16:06 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





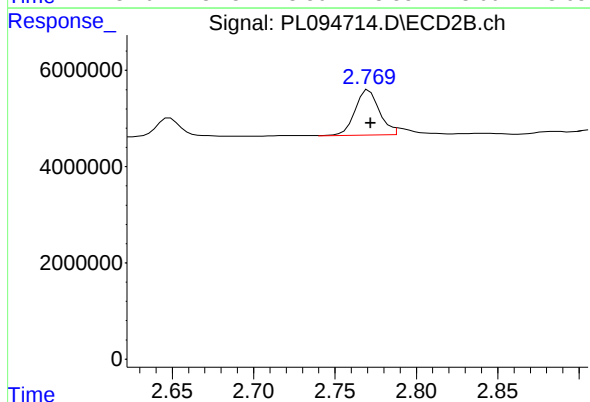
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 7257183
Conc: 2.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-03142025MS

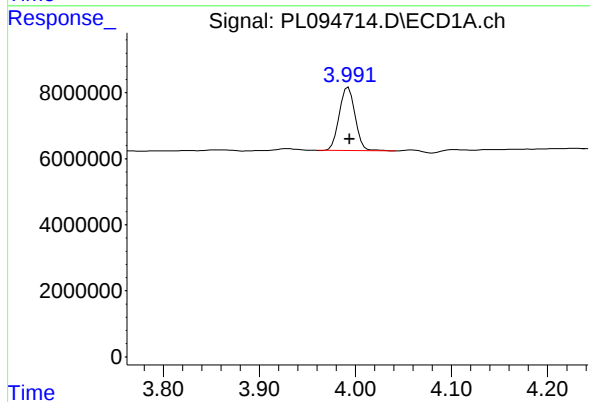
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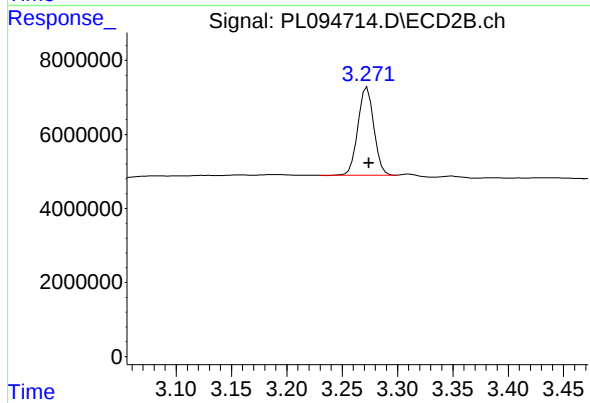
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 9677255
Conc: 2.71 ng/ml m



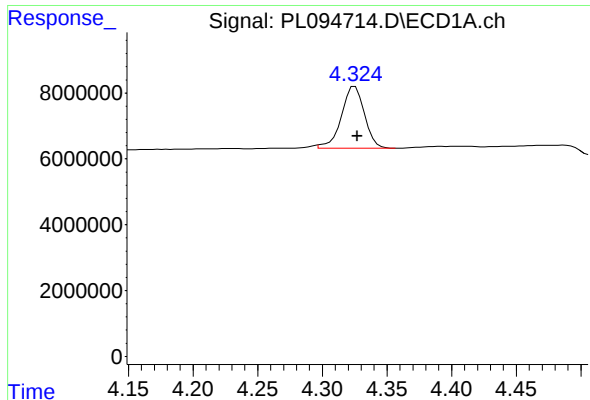
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.002 min
Response: 21766068
Conc: 5.24 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: -0.002 min
Response: 23844617
Conc: 4.42 ng/ml



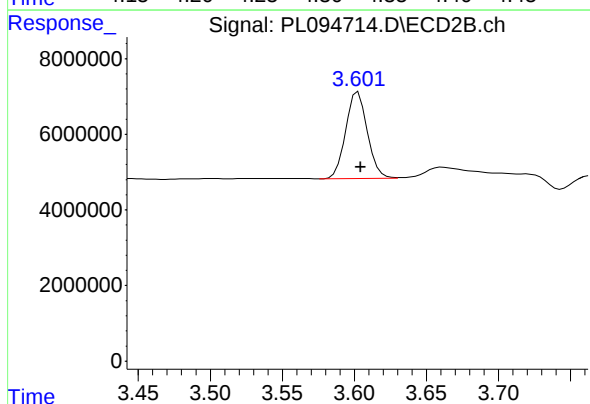
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 23261056
Conc: 5.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-03142025MS

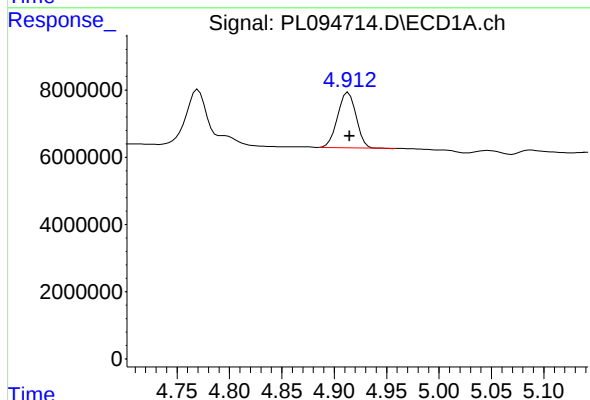
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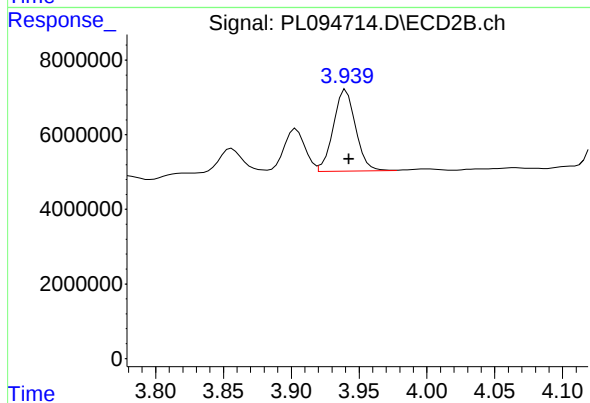
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.003 min
Response: 24014107
Conc: 4.67 ng/ml m



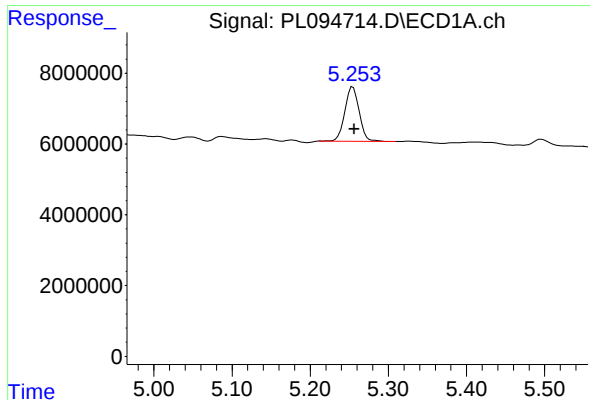
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: -0.001 min
Response: 20106789
Conc: 5.18 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: -0.003 min
Response: 24821834
Conc: 4.71 ng/ml m



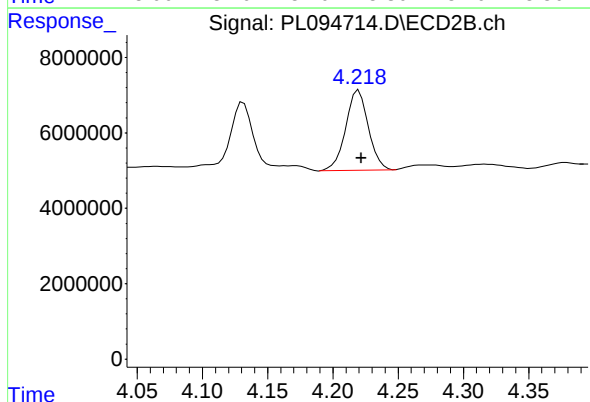
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: -0.002 min
Response: 19592901
Conc: 5.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-03142025MS

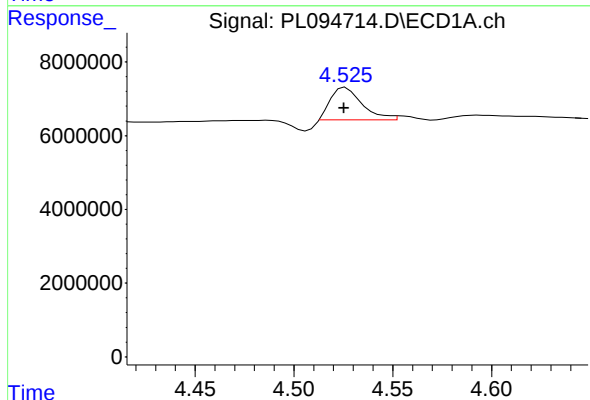
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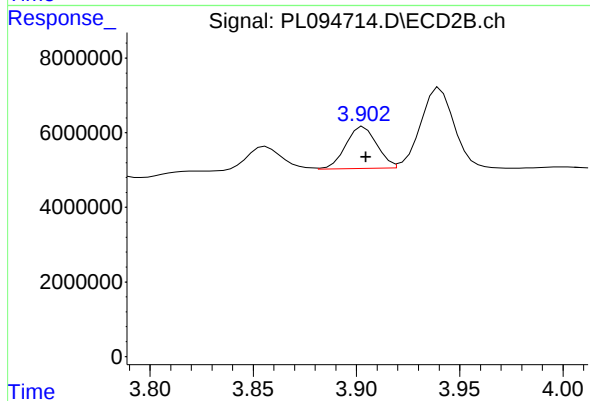
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: -0.002 min
Response: 25566812
Conc: 5.24 ng/ml



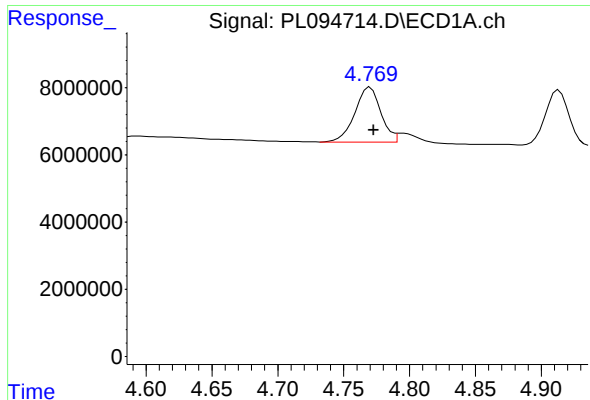
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 9554632
Conc: 5.18 ng/ml m



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: -0.002 min
Response: 12028058
Conc: 5.41 ng/ml m



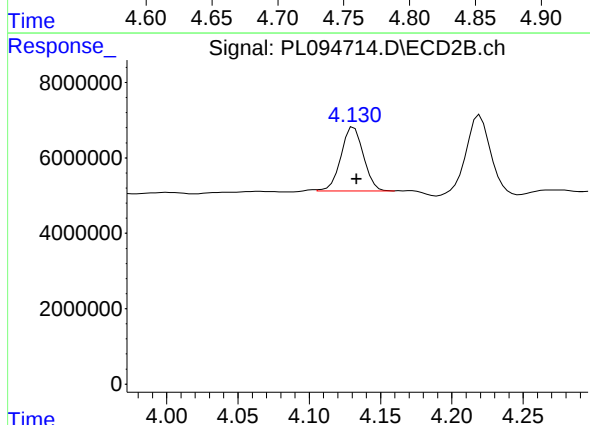
#7 delta-BHC

R.T.: 4.769 min
Delta R.T.: -0.004 min
Response: 22656243
Conc: 5.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-03142025MS

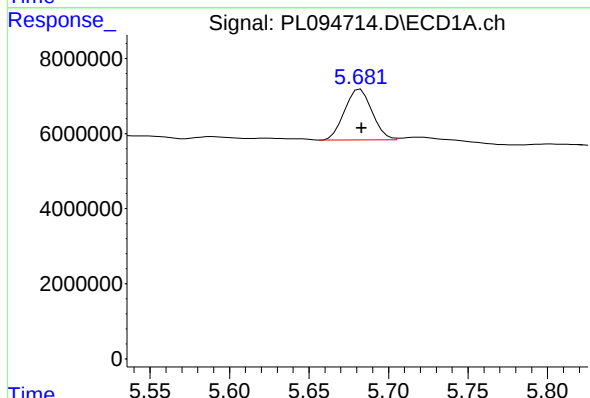
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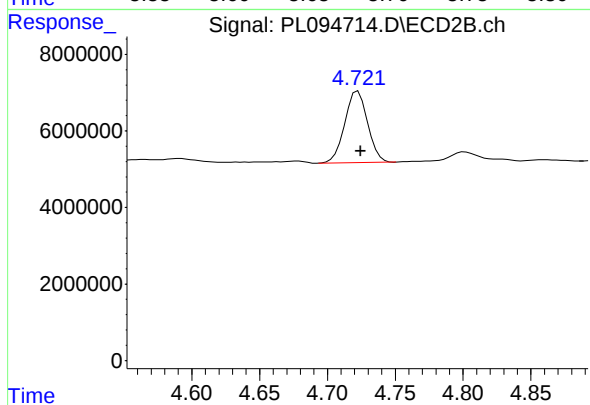
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: -0.003 min
Response: 18497305
Conc: 3.70 ng/ml m



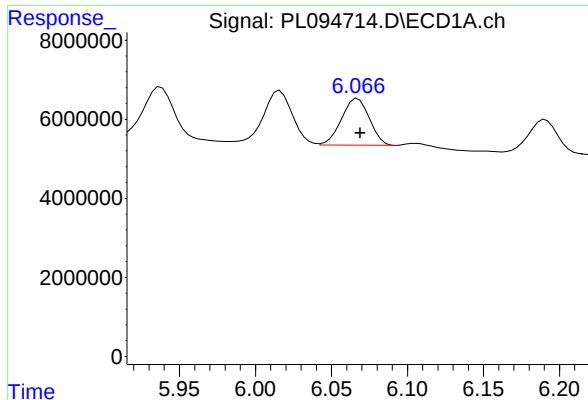
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.002 min
Response: 16291111
Conc: 4.87 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: -0.002 min
Response: 21844819
Conc: 4.77 ng/ml



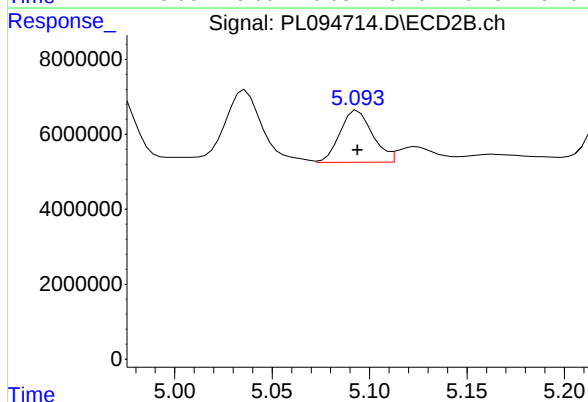
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: -0.002 min
Response: 15084435
Conc: 4.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-03142025MS

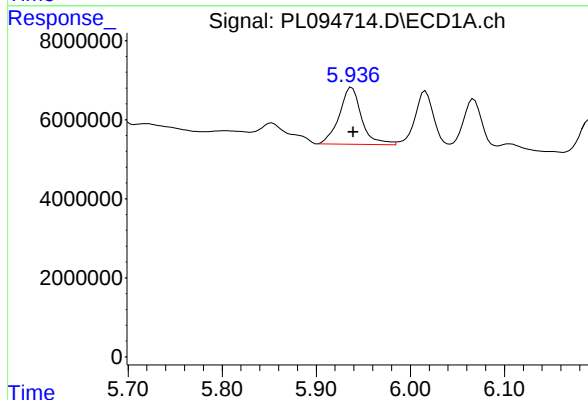
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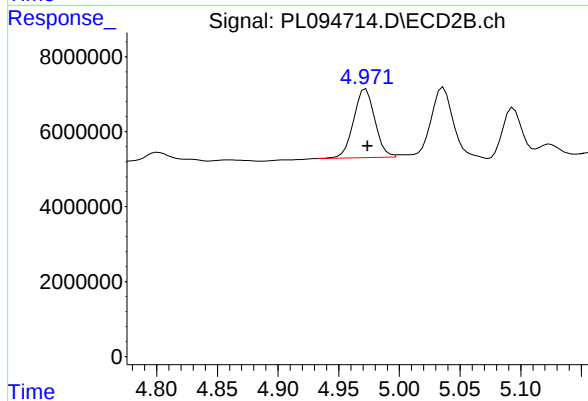
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: -0.001 min
Response: 16711349
Conc: 3.81 ng/ml m



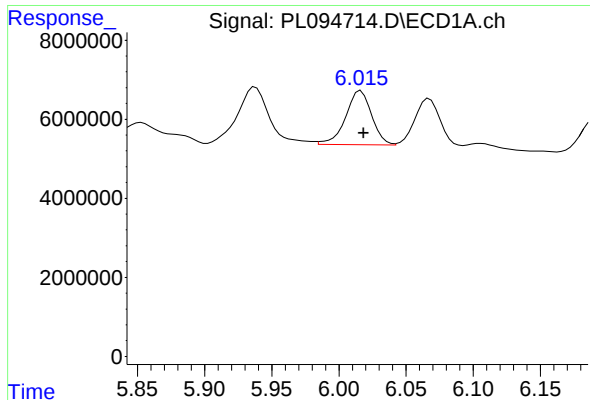
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: -0.002 min
Response: 23583419
Conc: 7.00 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 22474922
Conc: 4.65 ng/ml m



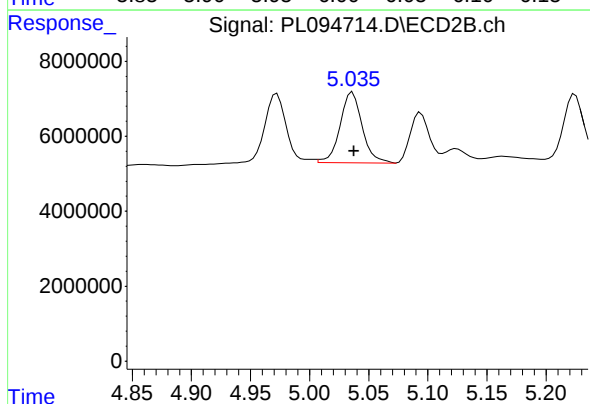
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: -0.002 min
Response: 18384804
Conc: 5.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-03142025MS

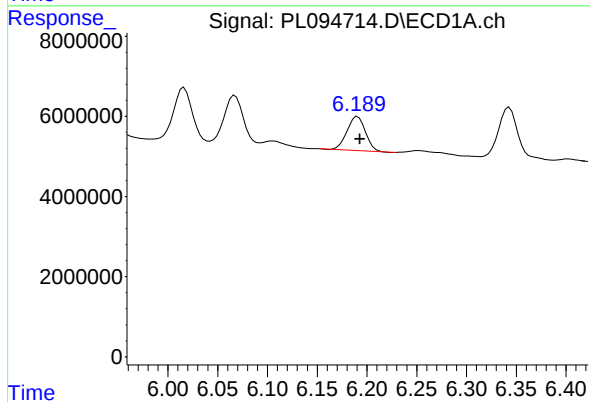
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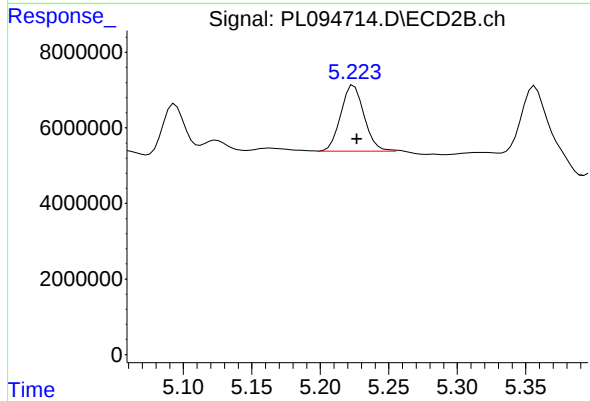
#11 alpha-Chlordane

R.T.: 5.035 min
Delta R.T.: -0.003 min
Response: 24585004
Conc: 5.15 ng/ml m



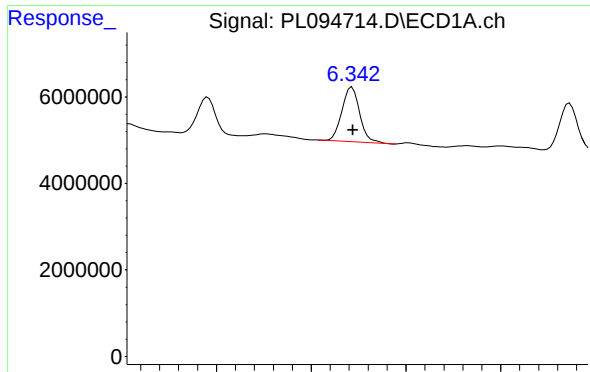
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.002 min
Response: 10946665
Conc: 3.72 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: -0.004 min
Response: 20653777
Conc: 4.44 ng/ml m



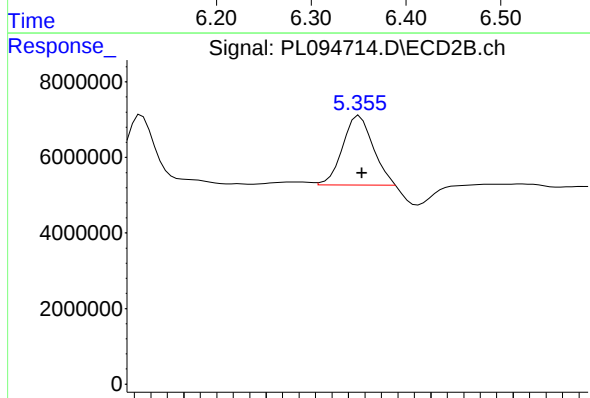
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 16385519
Conc: 5.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-03142025MS

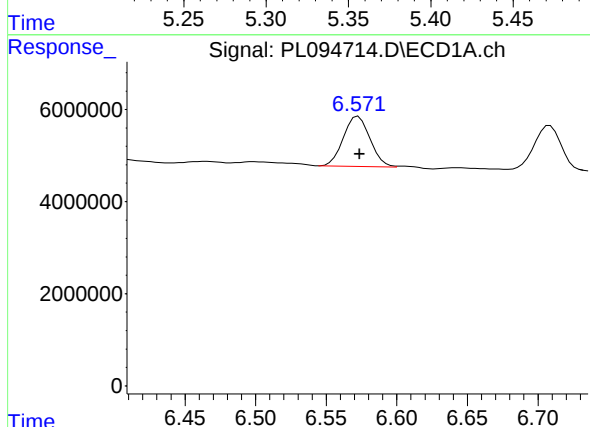
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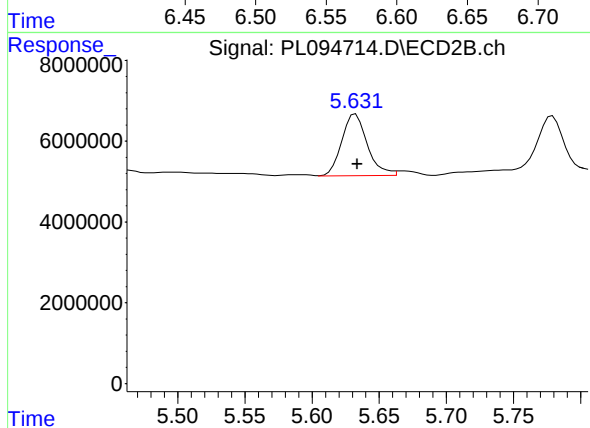
#13 Dieldrin

R.T.: 5.355 min
Delta R.T.: -0.003 min
Response: 23569673
Conc: 4.86 ng/ml m



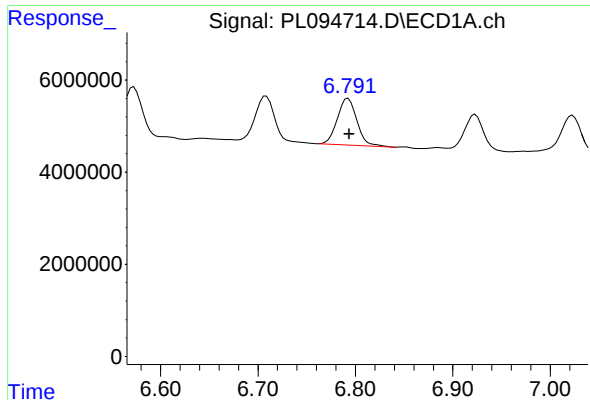
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.002 min
Response: 14324666
Conc: 5.17 ng/ml m



#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.003 min
Response: 20536548
Conc: 4.71 ng/ml m



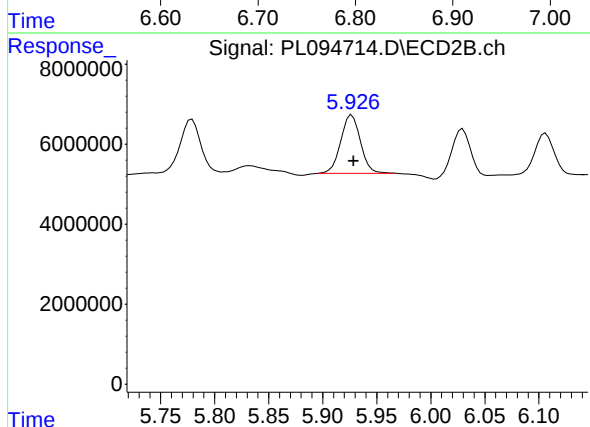
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: -0.001 min
Response: 14072304
Conc: 5.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-03142025MS

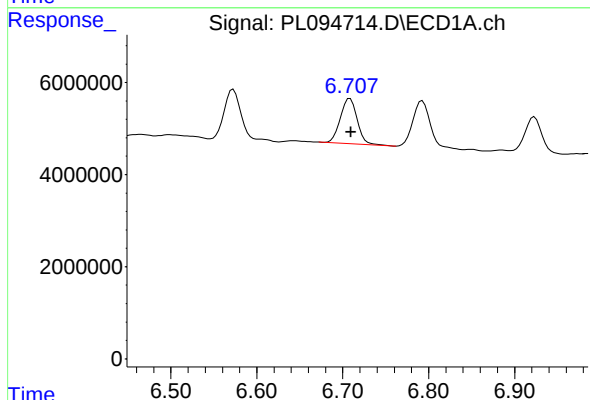
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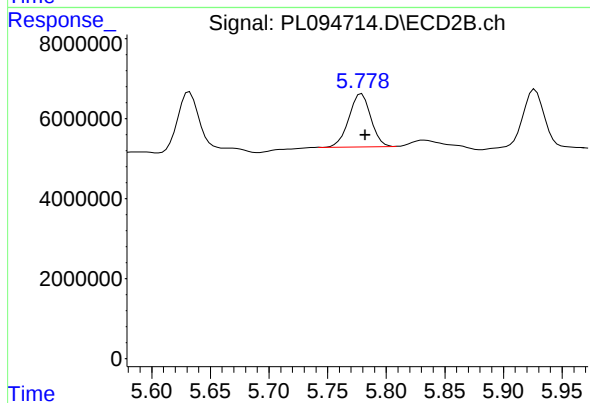
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.003 min
Response: 18517698
Conc: 4.28 ng/ml m



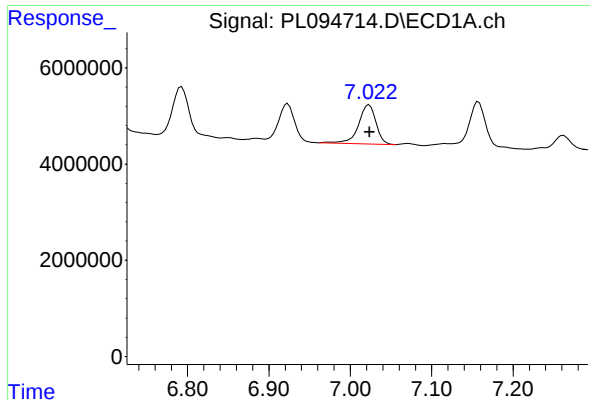
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: -0.001 min
Response: 13424910
Conc: 6.20 ng/ml



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 17214477
Conc: 4.79 ng/ml



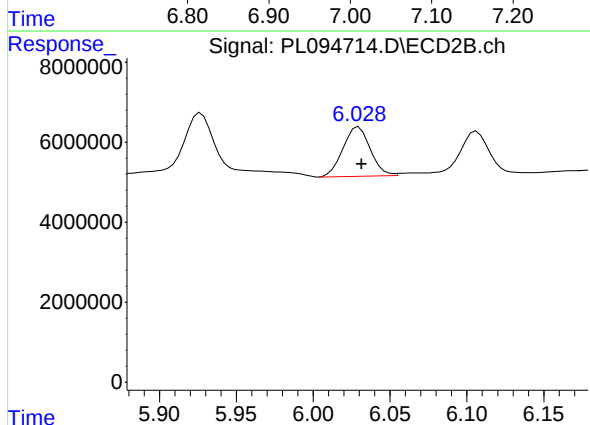
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 12078993
Conc: 5.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-03142025MS

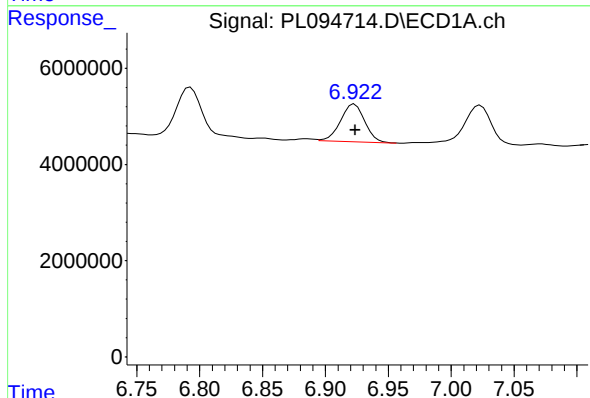
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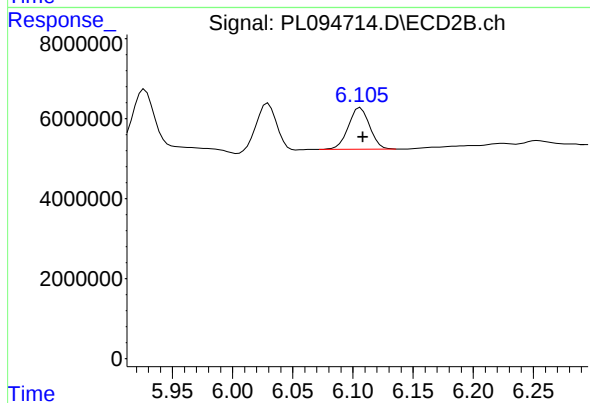
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.002 min
Response: 15151567
Conc: 3.76 ng/ml



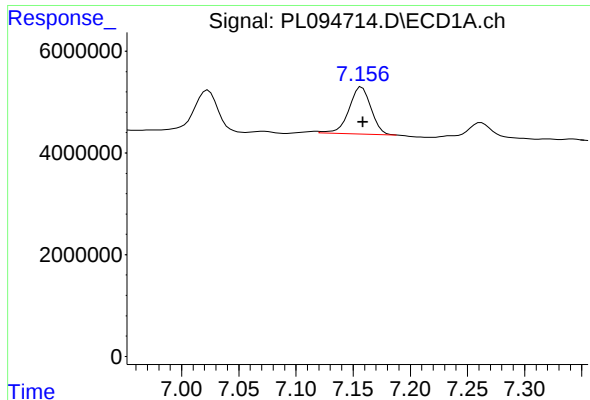
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: -0.002 min
Response: 10395736
Conc: 4.92 ng/ml m



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: -0.003 min
Response: 12868223
Conc: 3.82 ng/ml m



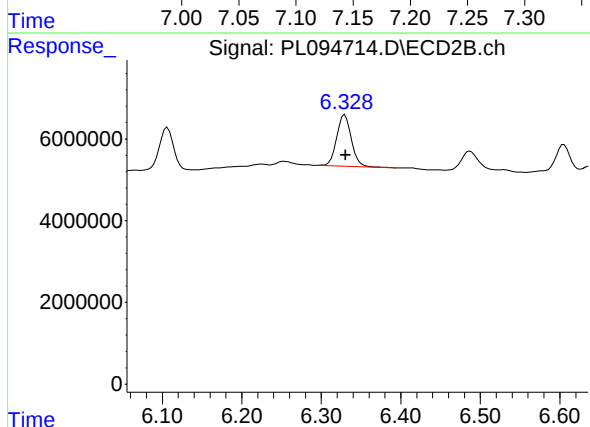
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: -0.002 min
Response: 12490876
Conc: 5.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-03142025MS

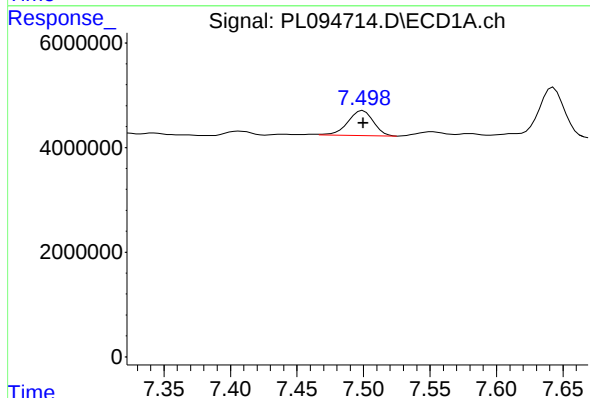
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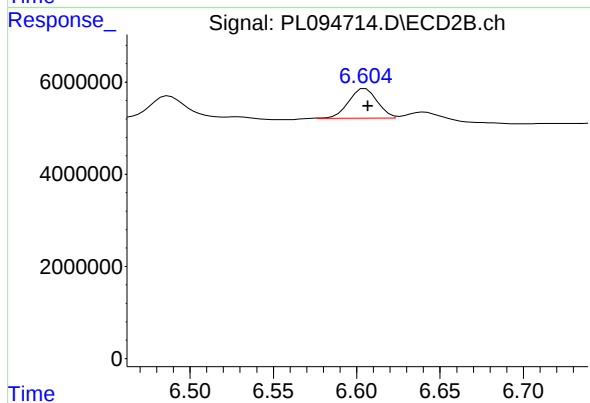
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: -0.001 min
Response: 16225148
Conc: 3.98 ng/ml



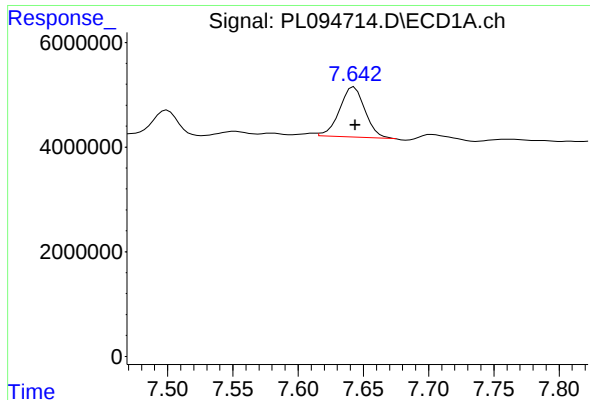
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.001 min
Response: 6377364
Conc: 5.33 ng/ml m



#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: -0.003 min
Response: 7678654
Conc: 3.62 ng/ml m



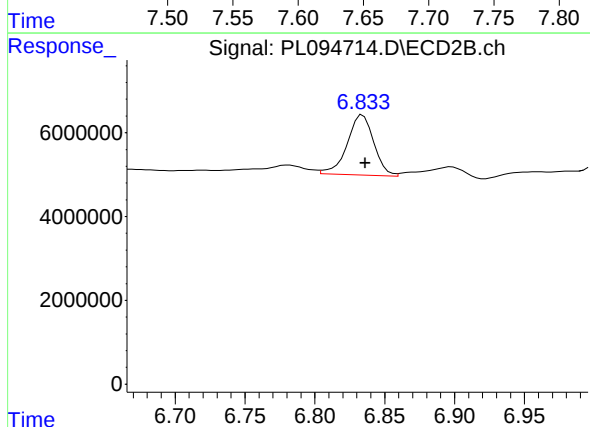
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.002 min
Response: 12882801
Conc: 4.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-03142025MS

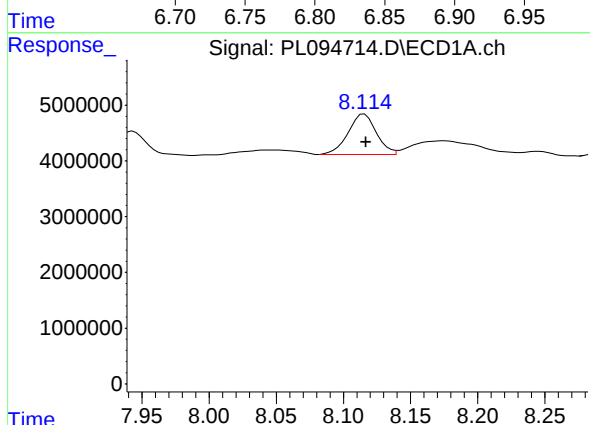
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/18/2025
Supervised By :mohammad ahmed 03/19/2025



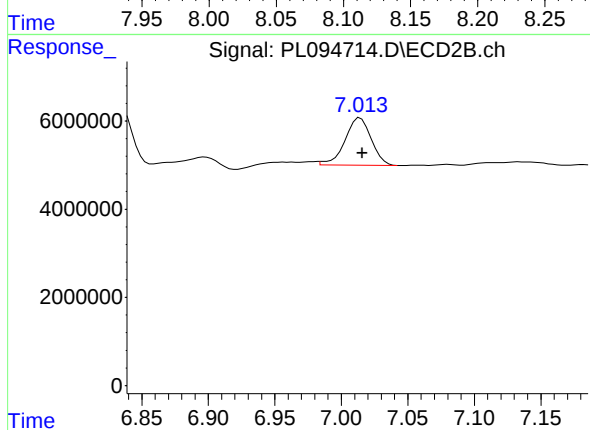
#21 Endrin ketone

R.T.: 6.834 min
Delta R.T.: -0.002 min
Response: 19125953
Conc: 4.01 ng/ml



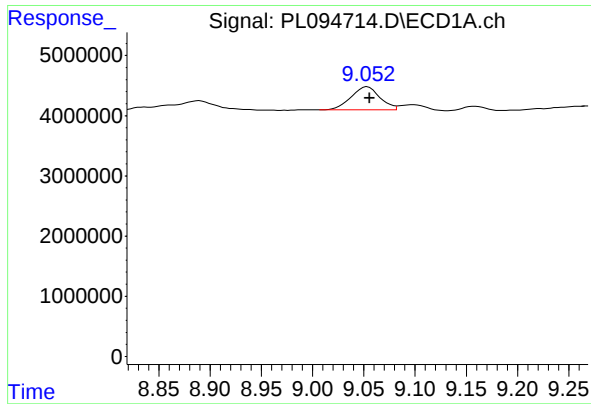
#22 Mirex

R.T.: 8.114 min
Delta R.T.: -0.003 min
Response: 10880159
Conc: 5.27 ng/ml m



#22 Mirex

R.T.: 7.013 min
Delta R.T.: -0.003 min
Response: 14789729
Conc: 3.90 ng/ml m



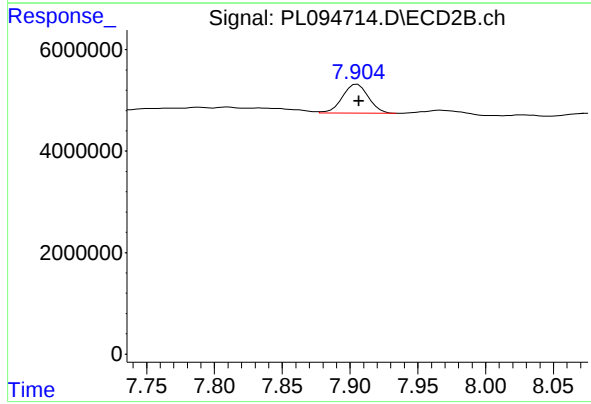
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: -0.004 min
Response: 7544677
Conc: 3.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-02-03142025MS

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#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: -0.003 min
Response: 7665396
Conc: 1.90 ng/ml m