

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
 Data File : PL094653.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Mar 2025 19:38
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/13/2025
 Supervised By : mohammad ahmed 03/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 13 05:36:53 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...	3.537	2.771	149.1E6	199.0E6	52.657	55.745
28) SA Decachlor...	9.050	7.903	121.1E6	227.4E6	57.460	56.286
Target Compounds						
2) A alpha-BHC	3.992	3.273	217.2E6	302.2E6	52.297	56.047
3) MA gamma-BHC...	4.325	3.602	206.7E6	285.8E6	51.810	55.614
4) MA Heptachlor	4.912	3.940	188.8E6	274.9E6	48.644	52.168
5) MB Aldrin	5.254	4.219	184.8E6	268.6E6	50.063	55.084
6) B beta-BHC	4.523	3.902	93831456	125.2E6	50.851	56.345
7) B delta-BHC	4.771	4.131	205.3E6	288.5E6	52.723	57.679
8) B Heptachlo...	5.681	4.721	169.4E6	249.9E6	50.636	54.583
9) A Endosulfan I	6.066	5.091	155.2E6	208.3E6	50.548	47.456
10) B gamma-Chl...	5.936	4.971	170.5E6	265.5E6	50.612	54.993
11) B alpha-Chl...	6.015	5.035	167.3E6	259.5E6	50.756	54.377
12) B 4,4'-DDE	6.189	5.222	158.0E6	260.5E6	53.712	56.034m
13) MA Dieldrin	6.341	5.353	163.6E6	265.0E6	51.162	54.619m
14) MA Endrin	6.570	5.631	129.0E6	226.4E6	46.518m	51.882
15) B Endosulfa...	6.791	5.926	142.8E6	238.7E6	52.603	55.158
16) A 4,4'-DDD	6.707	5.779	128.1E6	220.2E6	59.136	61.234
17) MA 4,4'-DDT	7.020	6.028	119.1E6	203.0E6	50.060	50.354
18) B Endrin al...	6.921	6.105	110.2E6	180.1E6	52.216	53.522
19) B Endosulfa...	7.156	6.328	130.0E6	226.2E6	53.447	55.530
20) A Methoxychlor	7.497	6.604	60896475	107.5E6	50.871	50.687
21) B Endrin ke...	7.640	6.833	148.5E6	275.0E6	56.193	57.611
22) Mirex	8.113	7.012	110.0E6	204.2E6	53.226	53.796

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
Data File : PL094653.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 19:38
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

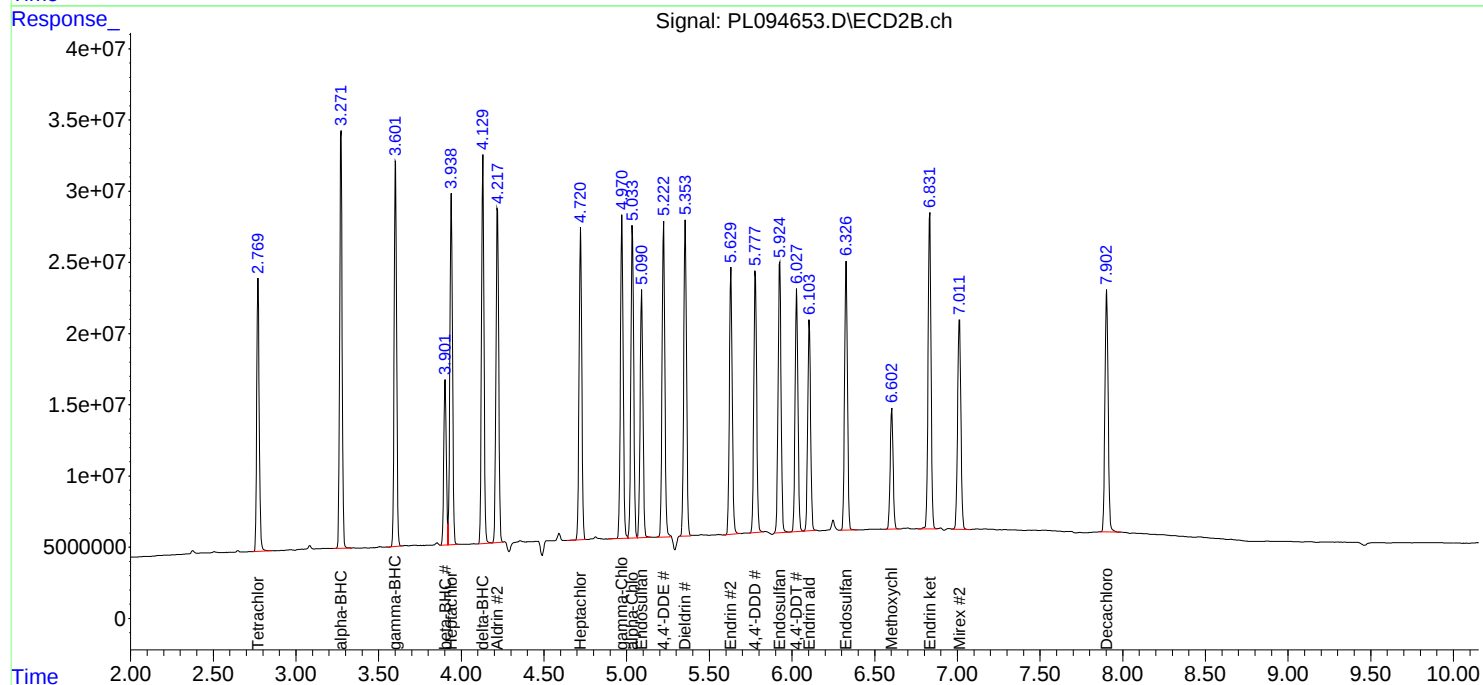
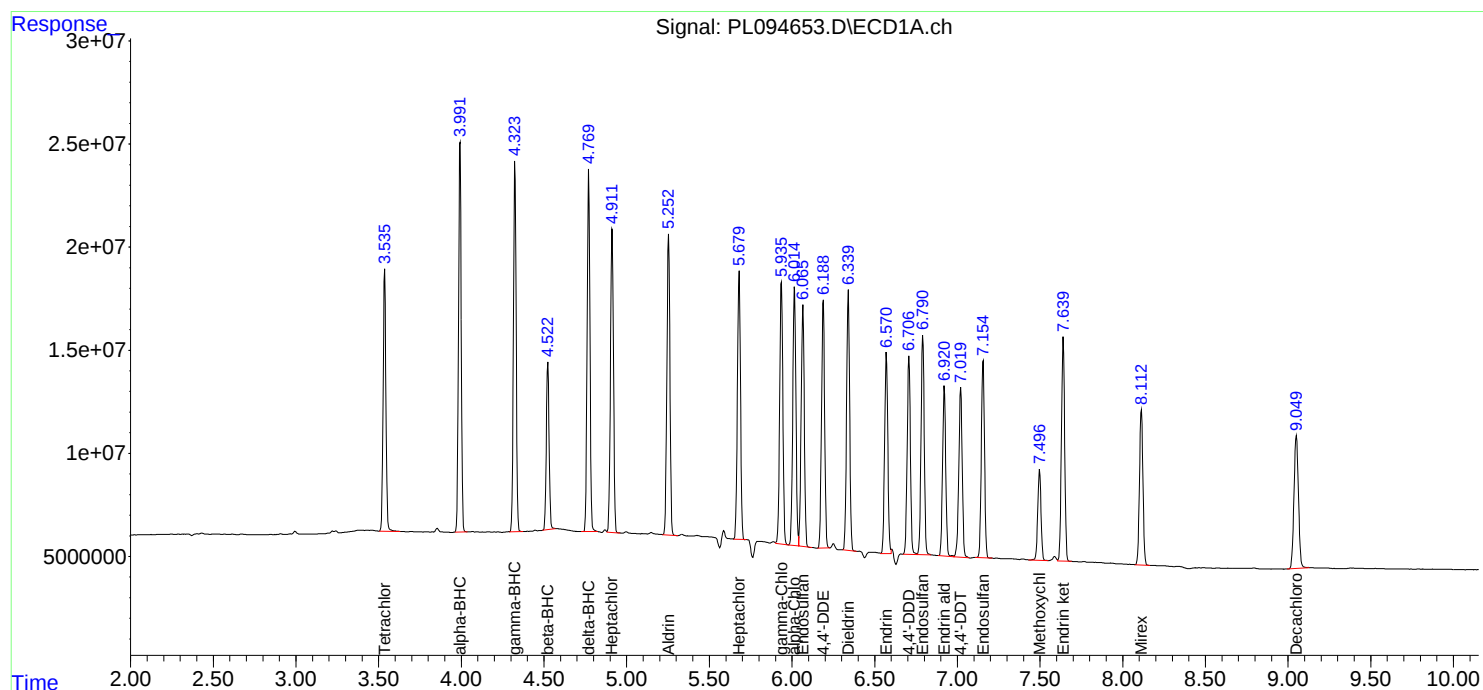
APPROVED

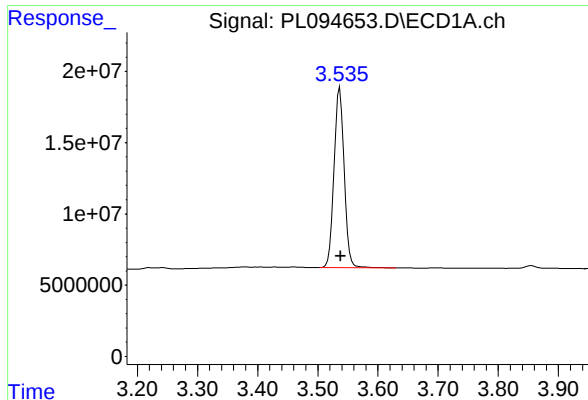
Reviewed By :Abdul Mirza 03/13/2025

Supervised By :mohammad ahmed 03/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 13 05:36:53 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





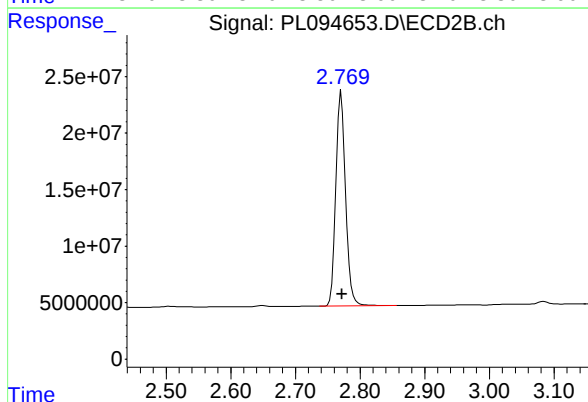
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.001 min
Response: 149054927
Conc: 52.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

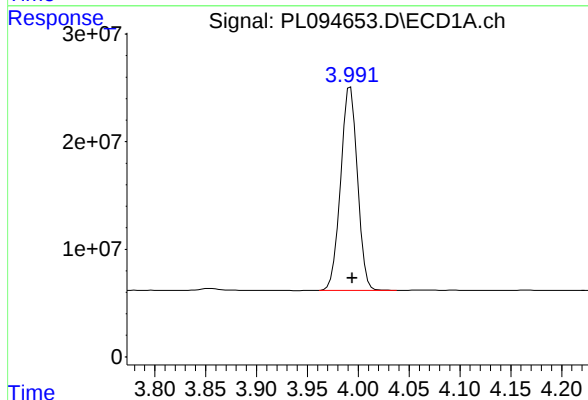
Manual Integrations
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Supervised By :mohammad ahmed 03/28/2025



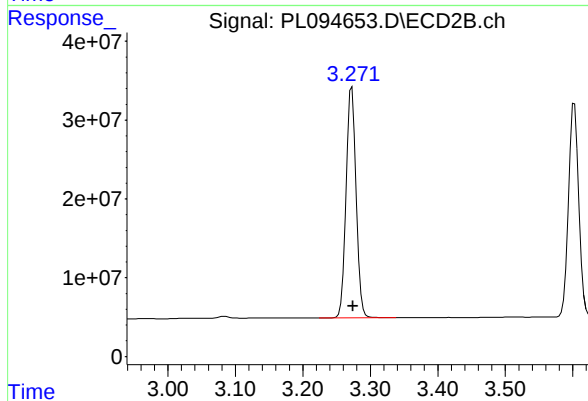
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: -0.001 min
Response: 198967421
Conc: 55.74 ng/ml



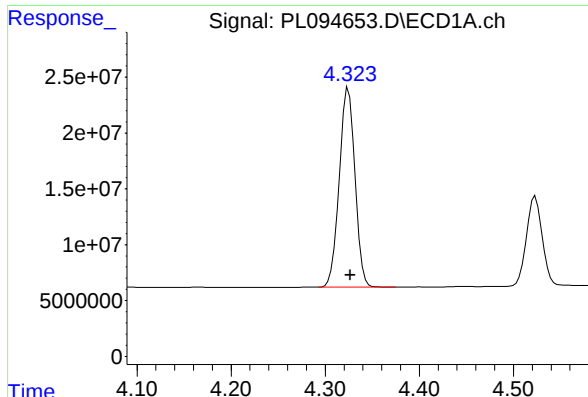
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 217155591
Conc: 52.30 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: -0.002 min
Response: 302168809
Conc: 56.05 ng/ml



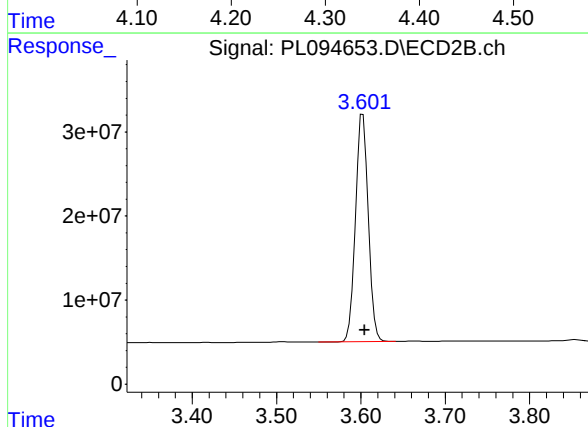
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 206735430
Conc: 51.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

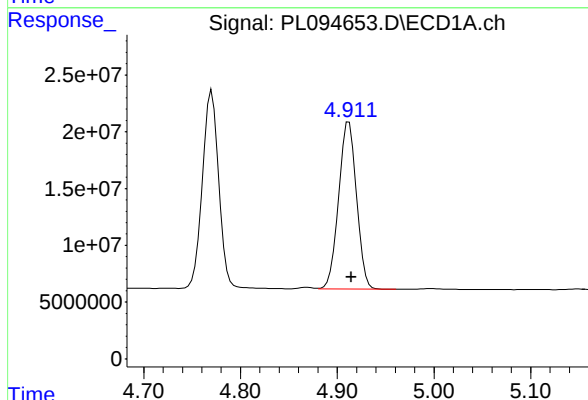
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Supervised By :mohammad ahmed 03/28/2025



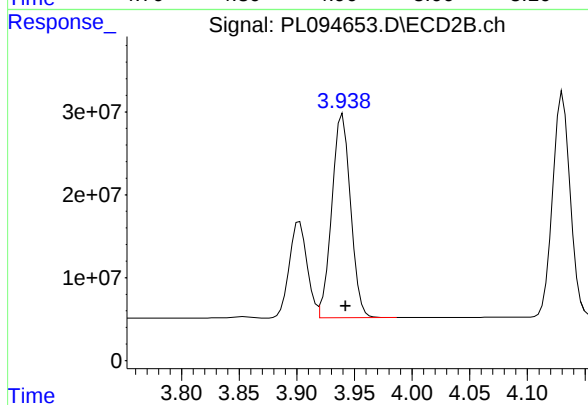
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: -0.002 min
Response: 285825757
Conc: 55.61 ng/ml



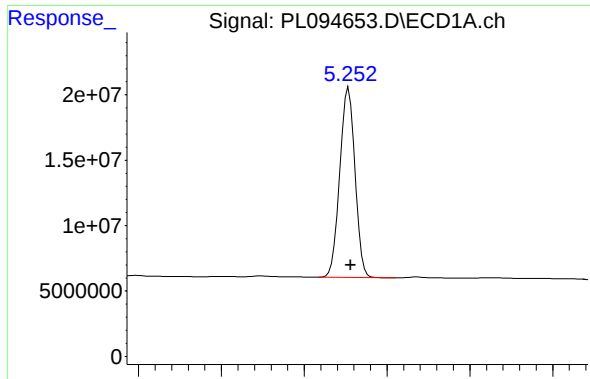
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.002 min
Response: 188819241
Conc: 48.64 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: -0.003 min
Response: 274855615
Conc: 52.17 ng/ml



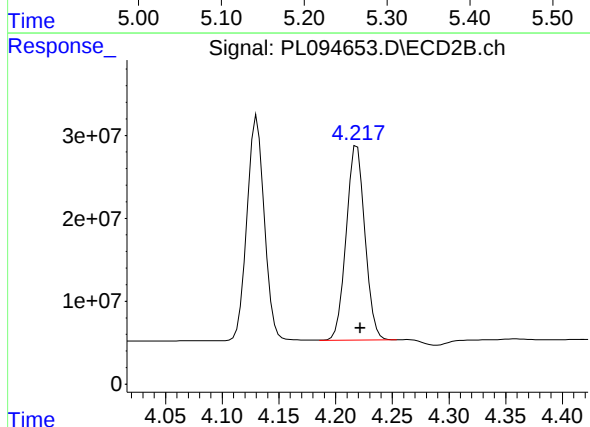
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: -0.003 min
Response: 184843452
Conc: 50.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

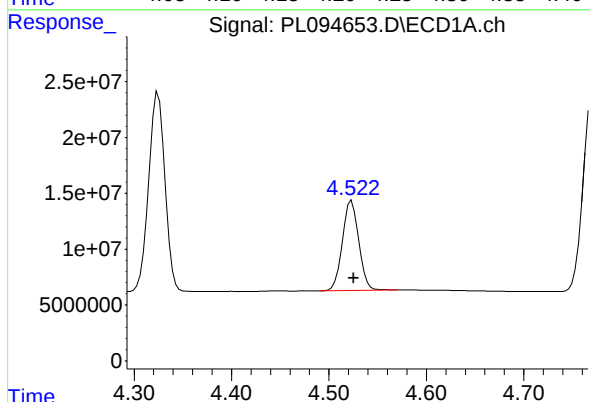
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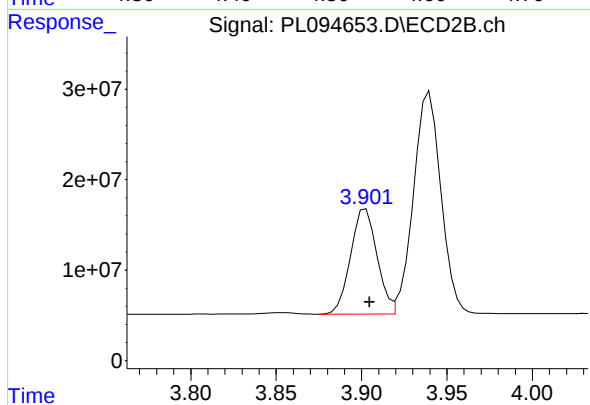
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.003 min
Response: 268610195
Conc: 55.08 ng/ml



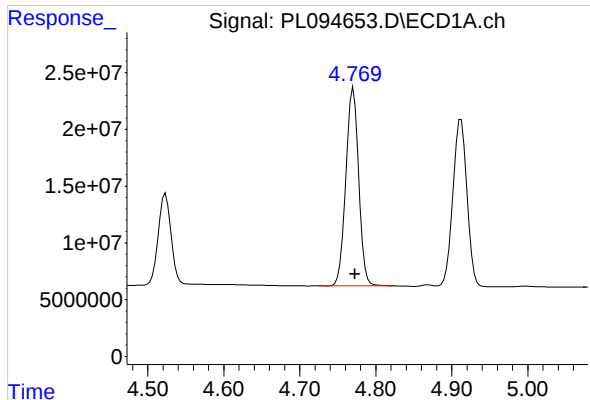
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 93831456
Conc: 50.85 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: -0.002 min
Response: 125159495
Conc: 56.35 ng/ml



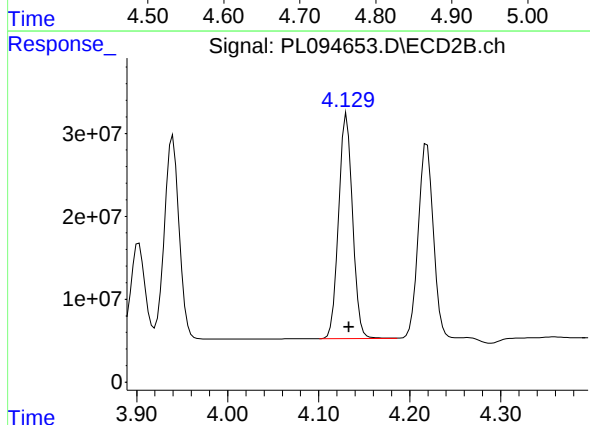
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: -0.002 min
Response: 205318276
Conc: 52.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

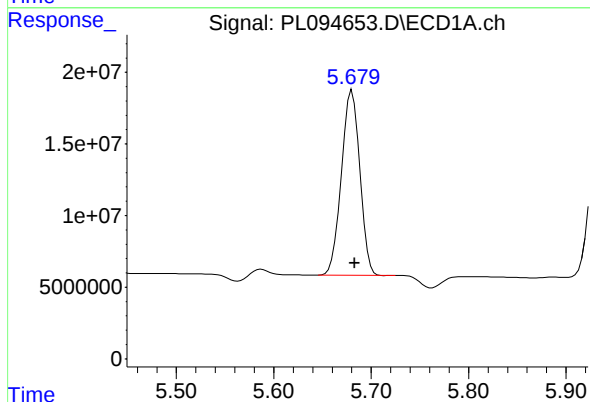
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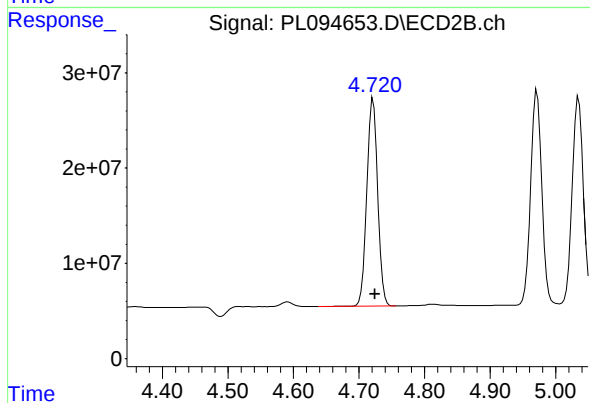
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.002 min
Response: 288510894
Conc: 57.68 ng/ml



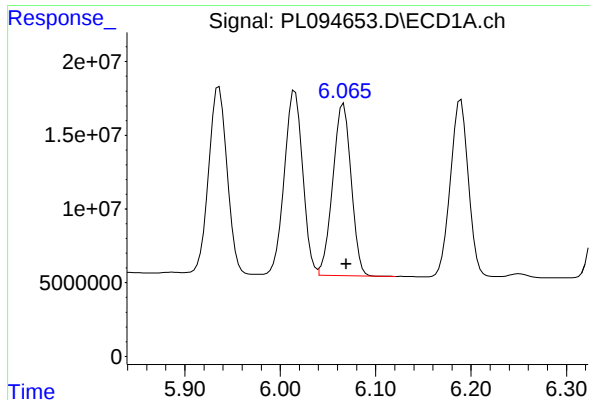
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.003 min
Response: 169388333
Conc: 50.64 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.003 min
Response: 249913358
Conc: 54.58 ng/ml



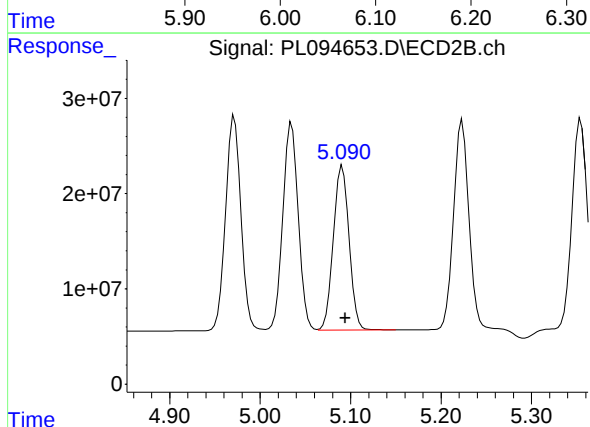
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 155192498
Conc: 50.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

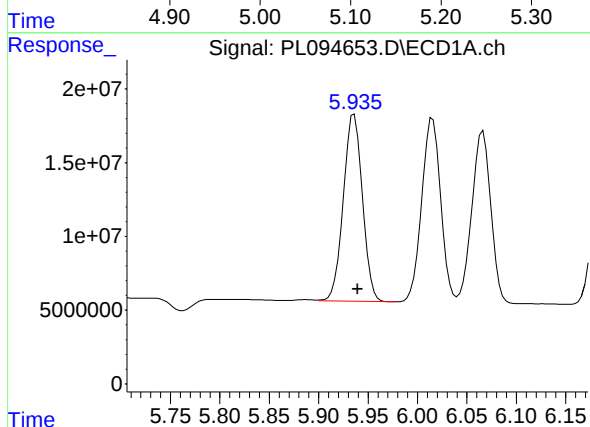
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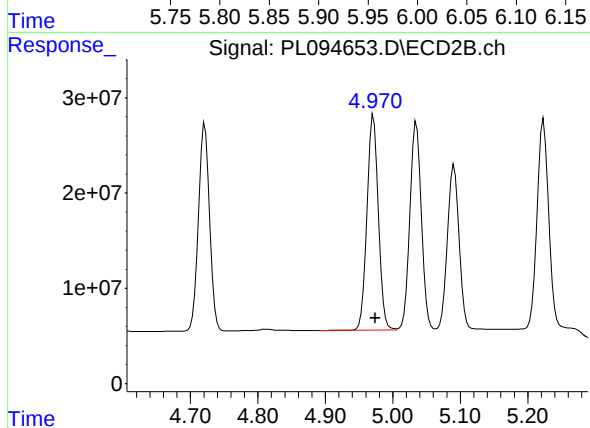
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: -0.003 min
Response: 208271131
Conc: 47.46 ng/ml



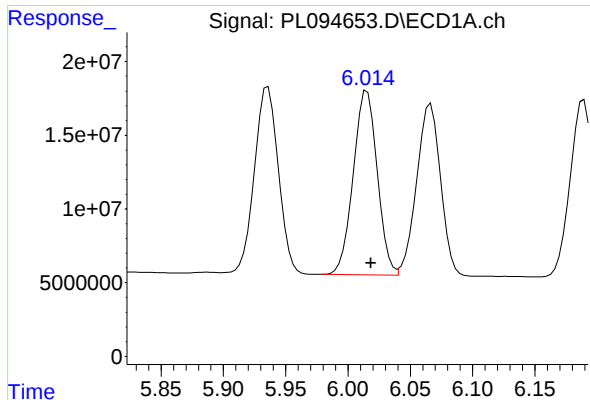
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.004 min
Response: 170531383
Conc: 50.61 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.002 min
Response: 265530993
Conc: 54.99 ng/ml



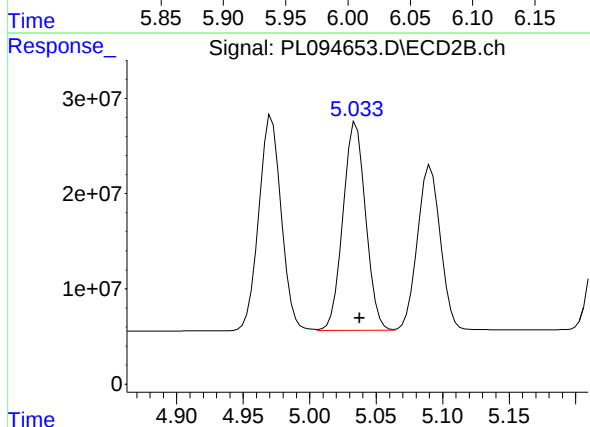
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: -0.003 min
Response: 167333244
Conc: 50.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

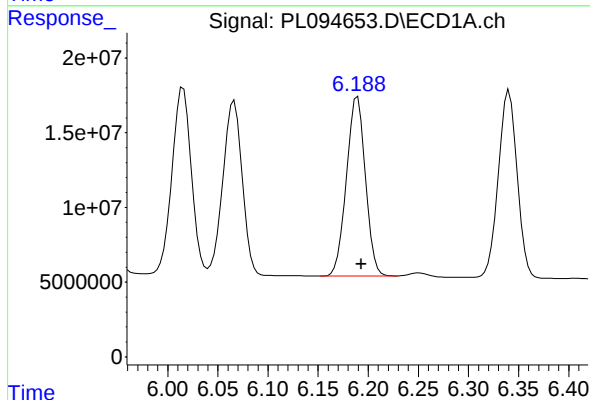
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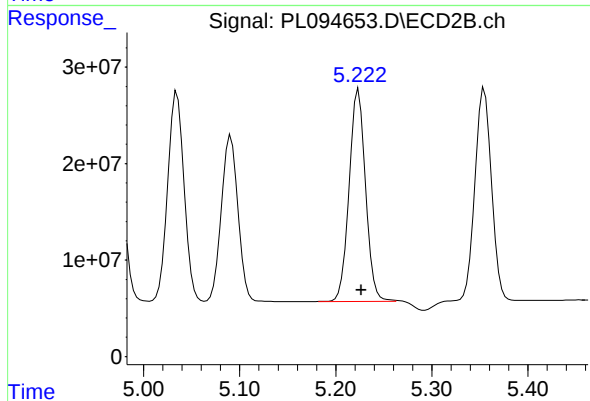
#11 alpha-Chlordane

R.T.: 5.035 min
Delta R.T.: -0.003 min
Response: 259530563
Conc: 54.38 ng/ml



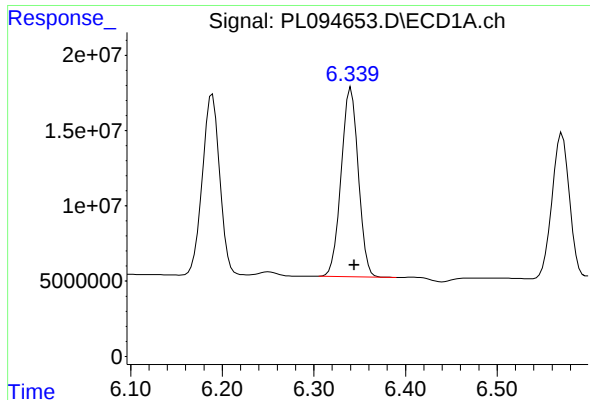
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 158024914
Conc: 53.71 ng/ml



#12 4,4'-DDE

R.T.: 5.222 min
Delta R.T.: -0.004 min
Response: 260477004
Conc: 56.03 ng/ml m



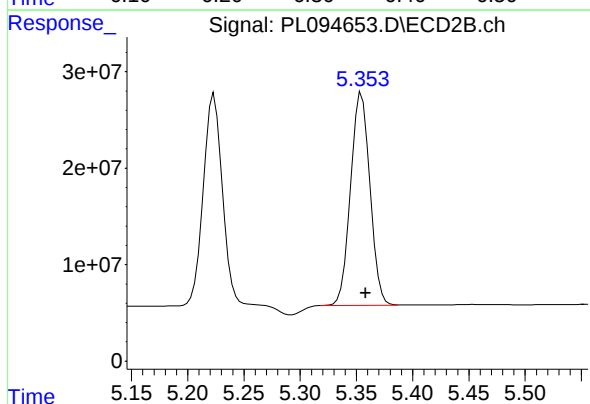
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 163624236
Conc: 51.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

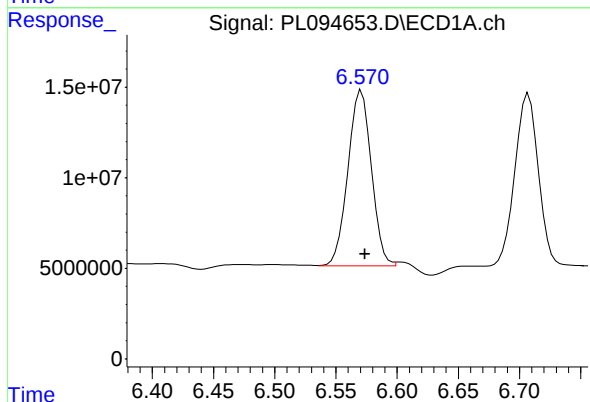
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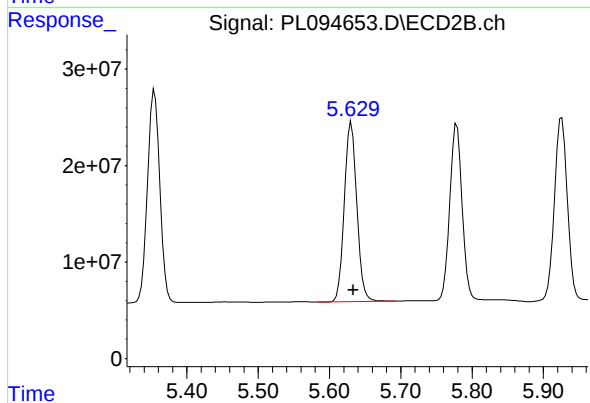
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: -0.005 min
Response: 265000438
Conc: 54.62 ng/ml



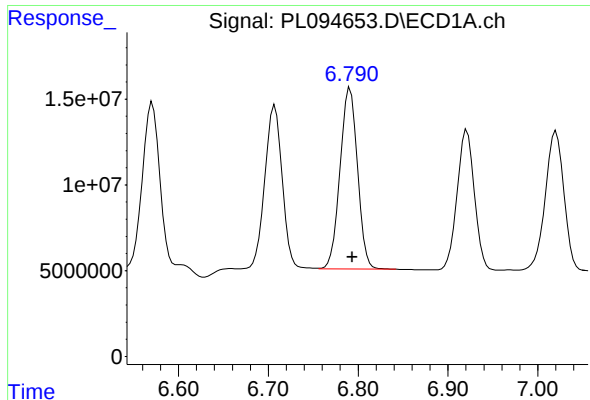
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.004 min
Response: 128951482
Conc: 46.52 ng/ml



#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.003 min
Response: 226396895
Conc: 51.88 ng/ml



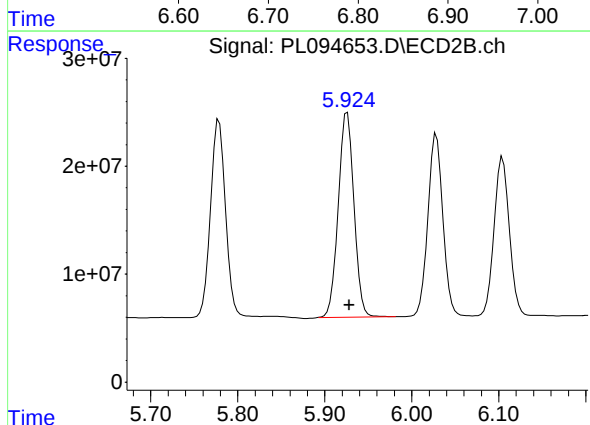
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: -0.003 min
Response: 142803011
Conc: 52.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

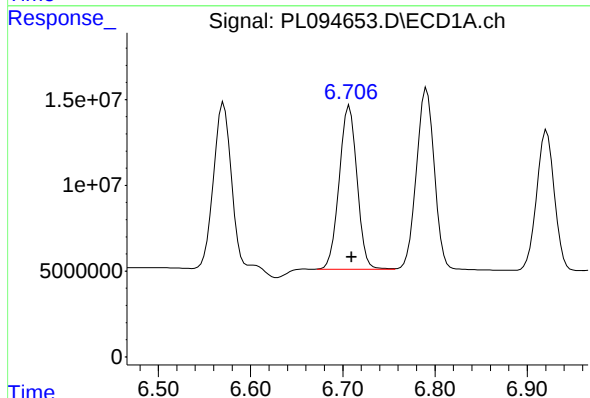
Manual Integrations
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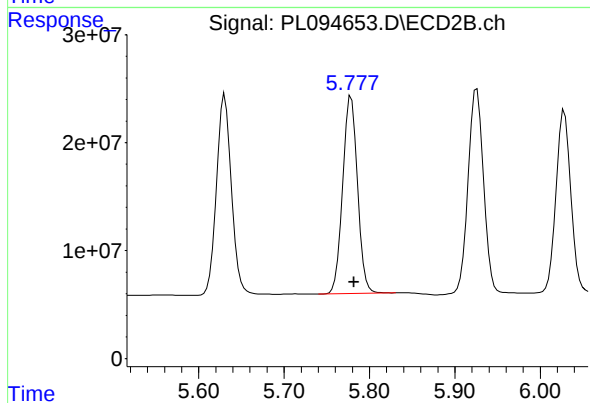
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.003 min
Response: 238736372
Conc: 55.16 ng/ml



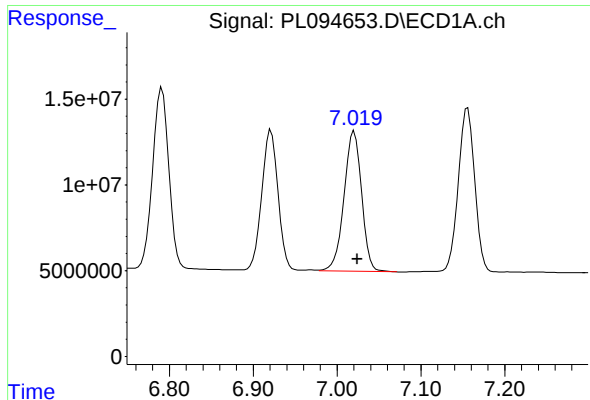
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 128092235
Conc: 59.14 ng/ml



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 220189967
Conc: 61.23 ng/ml



#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.003 min
Response: 119070483
Conc: 50.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#17 4,4'-DDT

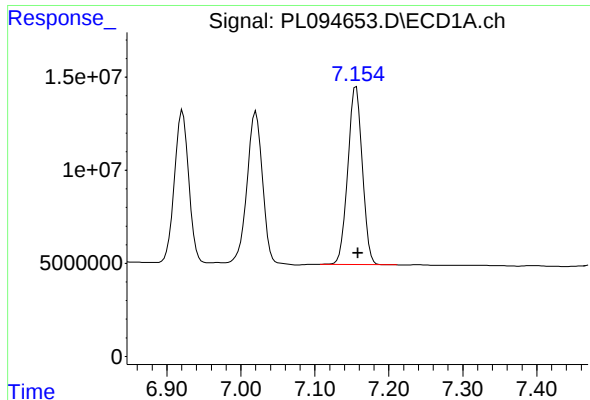
R.T.: 6.028 min
Delta R.T.: -0.003 min
Response: 203033918
Conc: 50.35 ng/ml

#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 110227825
Conc: 52.22 ng/ml

#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: -0.004 min
Response: 180121686
Conc: 53.52 ng/ml



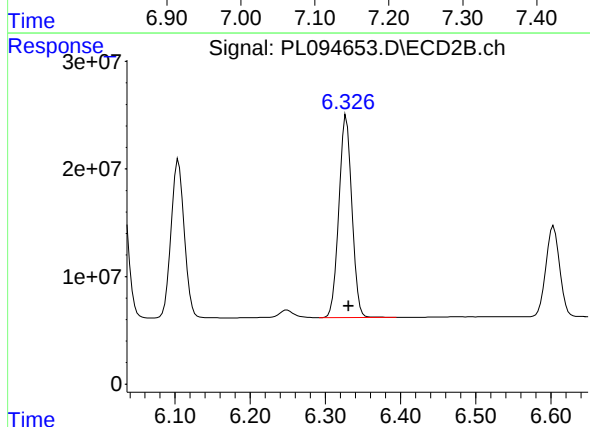
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: -0.003 min
Response: 129983206
Conc: 53.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

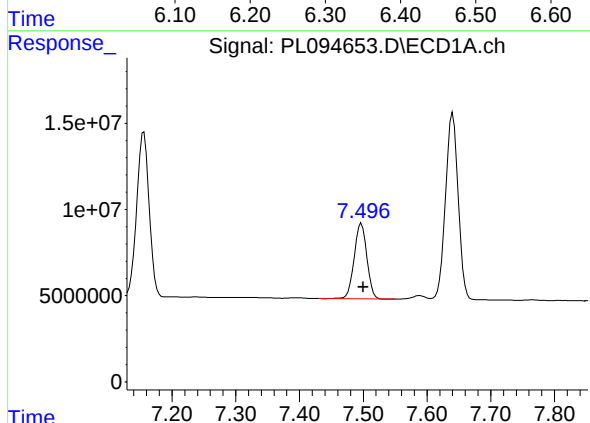
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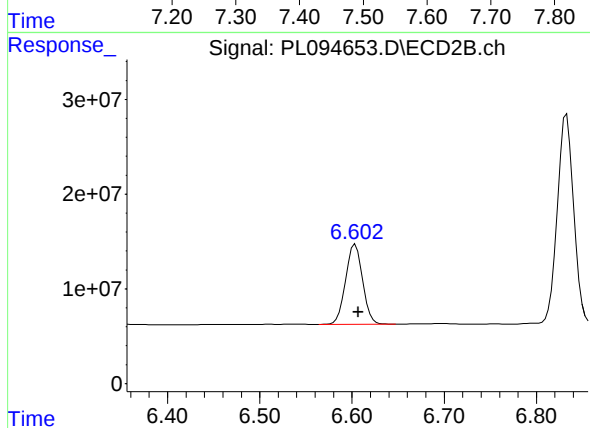
#19 Endosulfan Sulfate

R.T.: 6.328 min
Delta R.T.: -0.003 min
Response: 226197720
Conc: 55.53 ng/ml



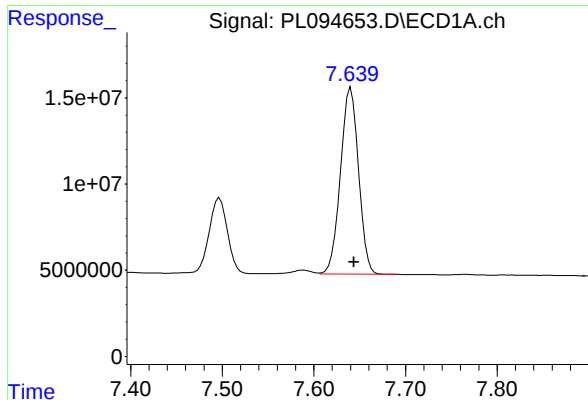
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: -0.003 min
Response: 60896475
Conc: 50.87 ng/ml



#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: -0.003 min
Response: 107510574
Conc: 50.69 ng/ml



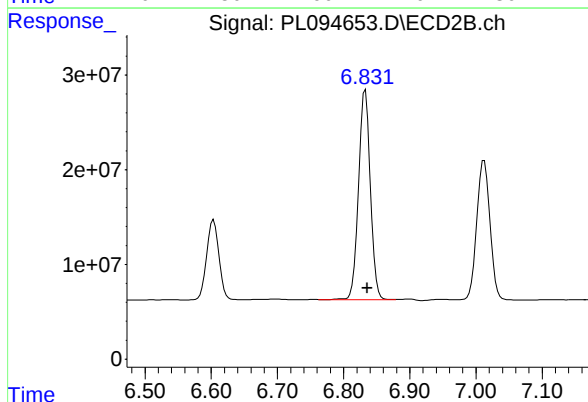
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: -0.003 min
Response: 148533139
Conc: 56.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

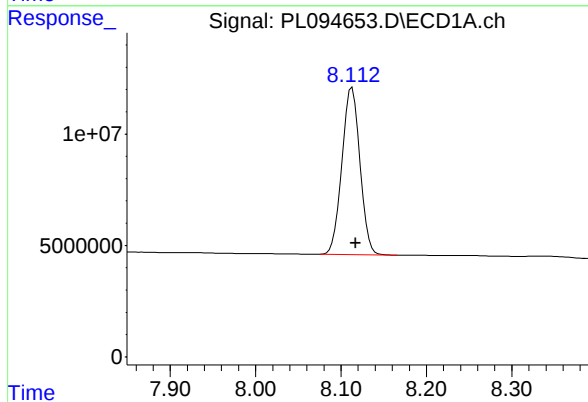
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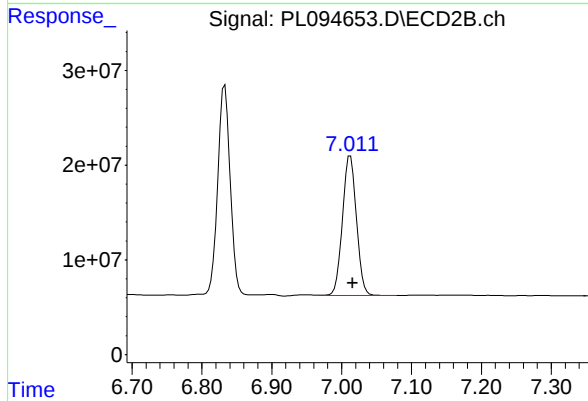
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: -0.003 min
Response: 274952671
Conc: 57.61 ng/ml



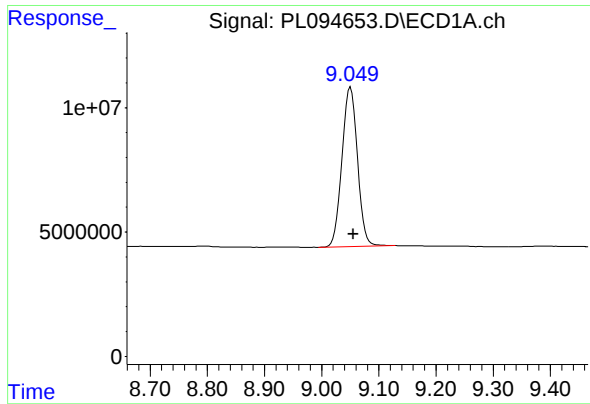
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.004 min
Response: 109980615
Conc: 53.23 ng/ml



#22 Mirex

R.T.: 7.012 min
Delta R.T.: -0.003 min
Response: 204171744
Conc: 53.80 ng/ml



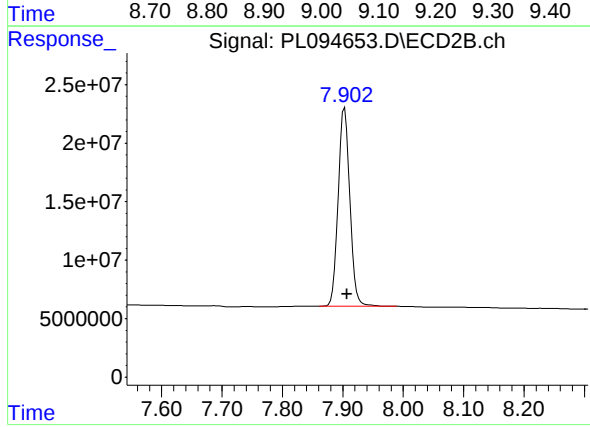
#28 Decachlorobiphenyl

R.T.: 9.050 min
Delta R.T.: -0.005 min
Response: 121094001
Conc: 57.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/13/2025
Supervised By :mohammad ahmed 03/28/2025



#28 Decachlorobiphenyl

R.T.: 7.903 min
Delta R.T.: -0.004 min
Response: 227360237
Conc: 56.29 ng/ml