

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
 Data File : PL094636.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Mar 2025 14:40
 Operator : AR\AJ
 Sample : Q1502-09DL2 20X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PT-PEST-WPDL2

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 05:33:57 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	4354664	4184859	1.538	1.172m
28) SA Decachlor...	9.049	7.901	3145651	5562791	1.493m	1.377m
Target Compounds						
2) A alpha-BHC	3.992	3.272	111.6E6	146.8E6	26.870	27.233
3) MA gamma-BHC...	4.325	3.602	99183703	128.7E6	24.856	25.046
4) MA Heptachlor	4.912	3.940	80024277	108.4E6	20.616	20.571
5) MB Aldrin	5.254	4.219	172.1E6	245.9E6	46.617	50.421
6) B beta-BHC	4.523	3.903	47688904	59354722	25.845	26.721
7) B delta-BHC	4.771	4.131	271.3E6	396.6E6	69.661	79.286
8) B Heptachlo...	5.681	4.722	159.9E6	234.5E6	47.787	51.225
9) A Endosulfan I	6.066	5.091	241.8E6	386.8E6	78.749	88.142
10) B gamma-Chl...	5.936	4.971	31357869	42136342	9.307	8.727
11) B alpha-Chl...	6.015	5.035	54708547	77182234	16.594	16.171
12) B 4,4'-DDE	6.189	5.224	100.6E6	159.3E6	34.189	34.267
13) MA Dieldrin	6.341	5.355	152.8E6	248.5E6	47.764	51.222
14) MA Endrin	6.571	5.630	217.0E6	391.5E6	78.270	89.714
15) B Endosulfa...	6.791	5.926	93903963	155.6E6	34.590	35.957
16) A 4,4'-DDD	6.707	5.778	105.8E6	187.9E6	48.833	52.258
17) MA 4,4'-DDT	7.020	6.028	64893533	111.8E6	27.283	27.725
18) B Endrin al...	6.921	6.105	180.8E6	317.6E6	85.634	94.377
19) B Endosulfa...	7.156	6.328	124.2E6	222.1E6	51.050	54.521
20) A Methoxychlor	7.497	6.604	54244230	96075885	45.314	45.296
21) B Endrin ke...	7.641	6.833	237.0E6	460.2E6	89.662	96.429

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
Data File : PL094636.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 14:40
Operator : AR\AJ
Sample : Q1502-09DL2 20X
Misc :
ALS Vial : 16 Sample Multiplier: 1

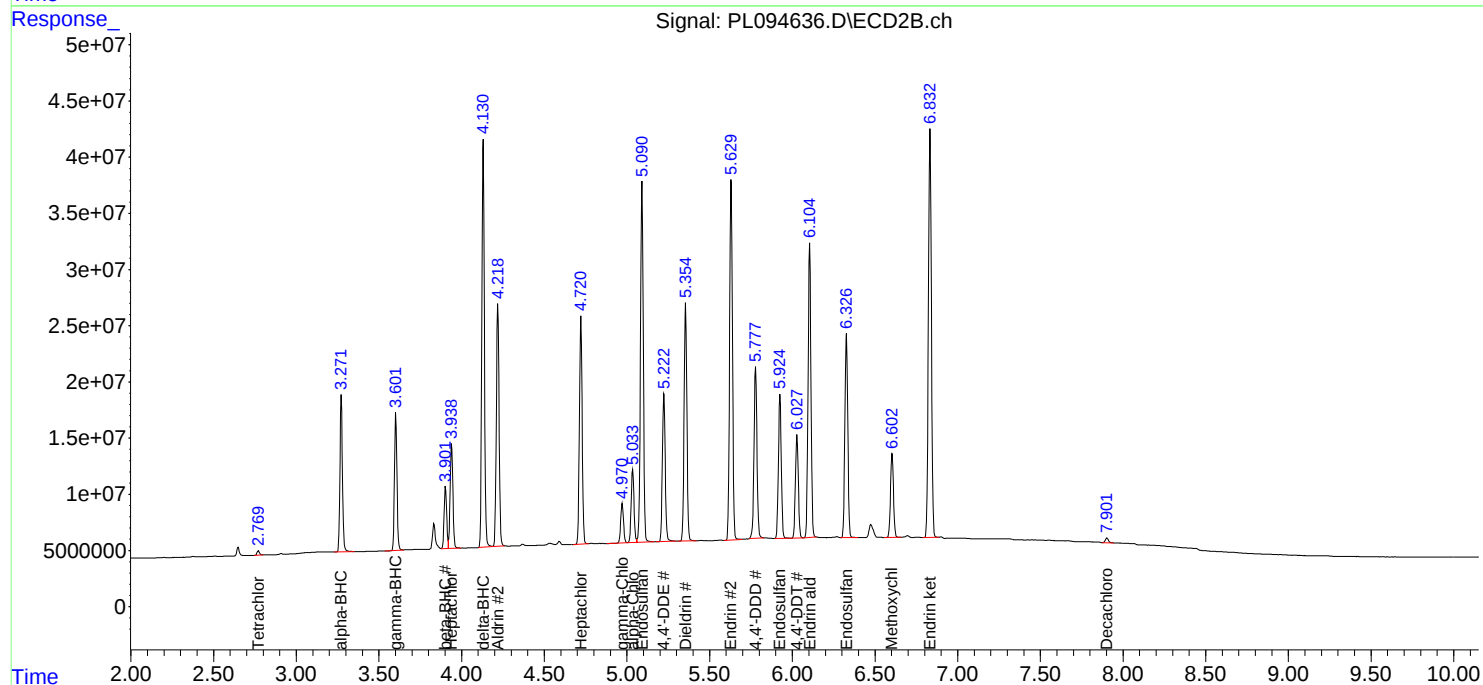
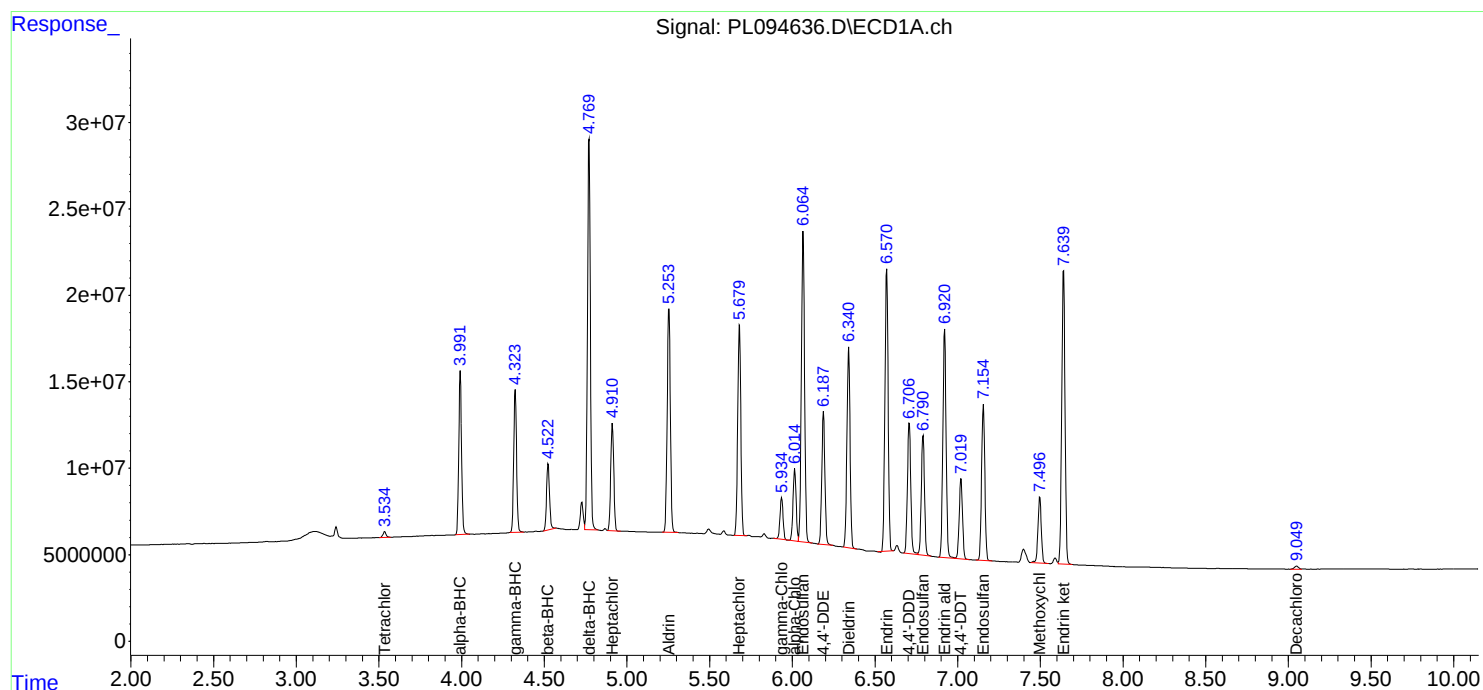
Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL2

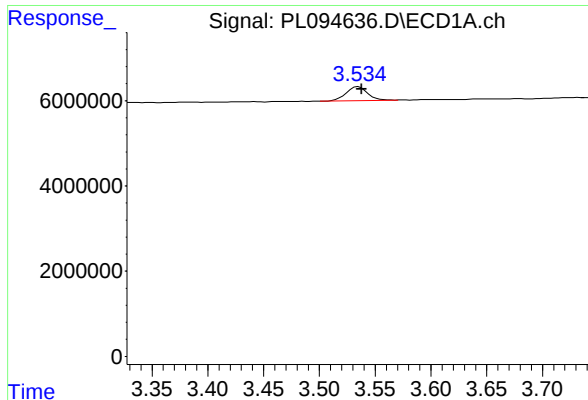
Manual Integrations
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Reviewed By : Abdul Mirza 03/13/2025
Supervised By : mohammad ahmed 03/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 13 05:33:57 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





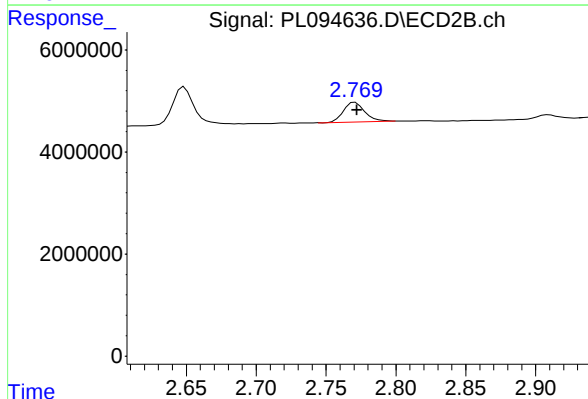
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 4354664
Conc: 1.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL2

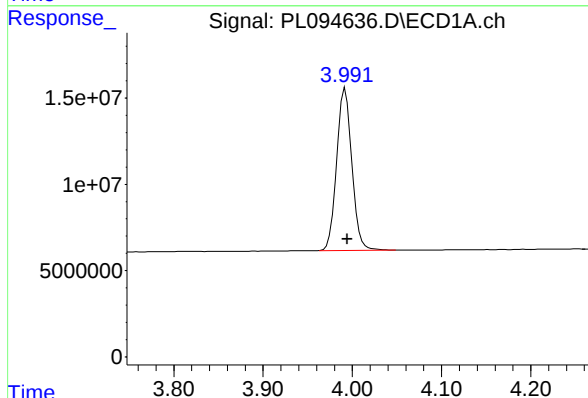
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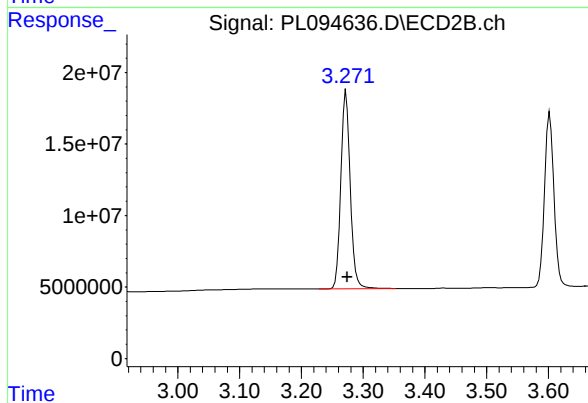
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 4184859
Conc: 1.17 ng/ml m



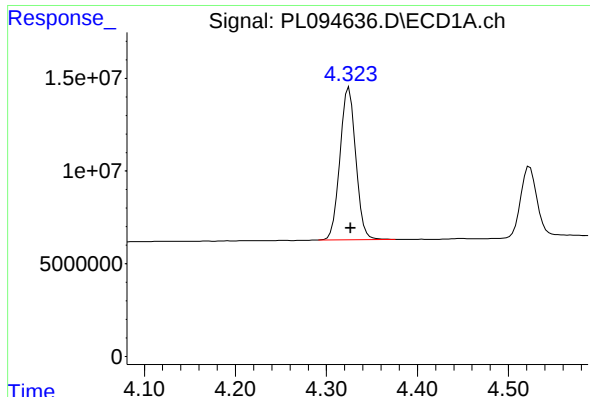
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 111571395
Conc: 26.87 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: -0.002 min
Response: 146825180
Conc: 27.23 ng/ml



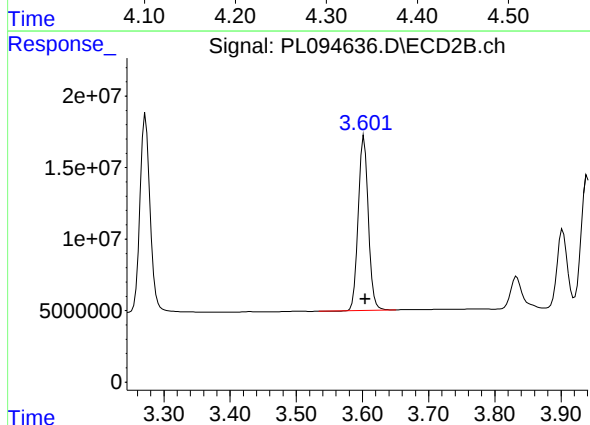
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 99183703
Conc: 24.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL2

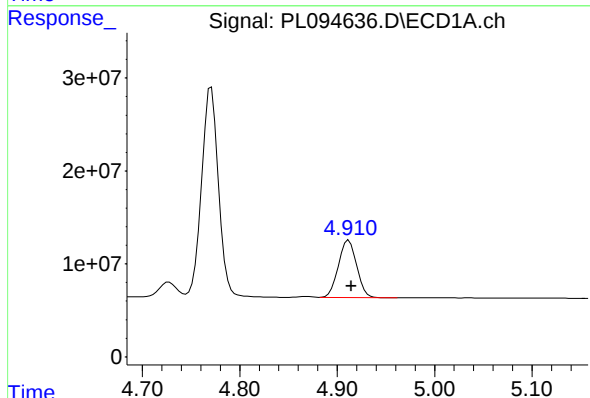
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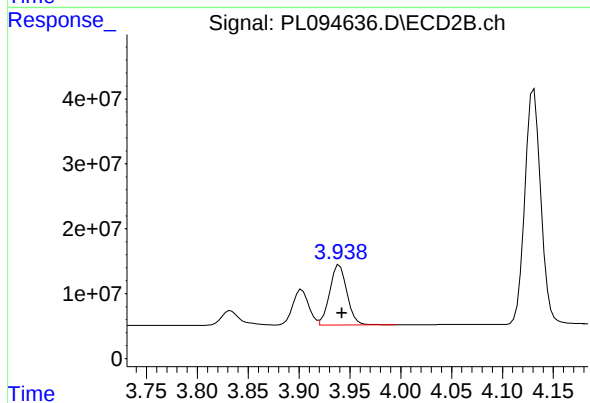
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: -0.002 min
Response: 128721800
Conc: 25.05 ng/ml



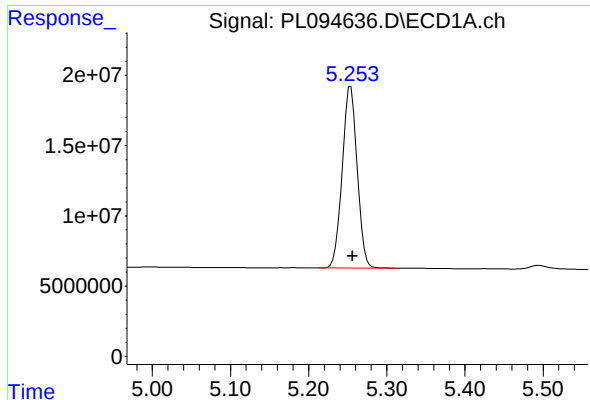
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.003 min
Response: 80024277
Conc: 20.62 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: -0.003 min
Response: 108382189
Conc: 20.57 ng/ml



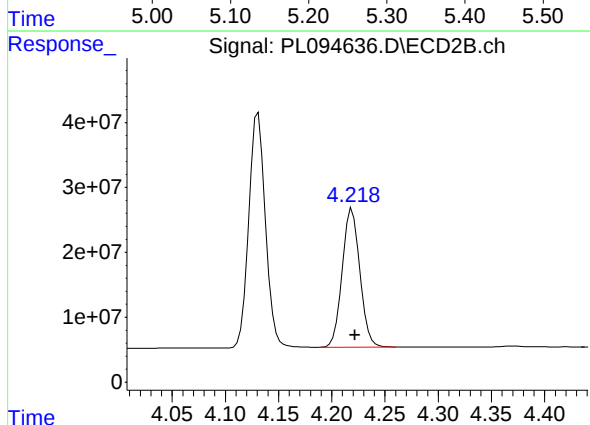
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: -0.002 min
Response: 172119493
Conc: 46.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL2

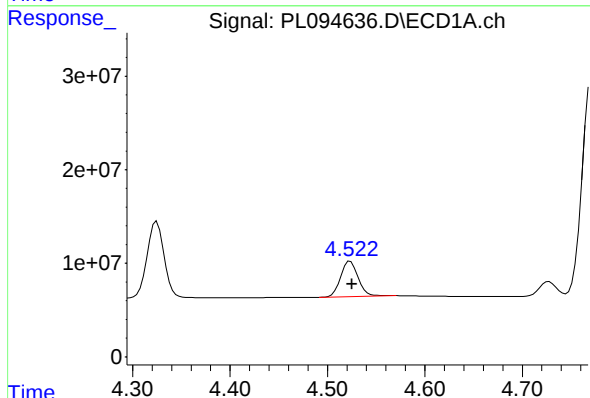
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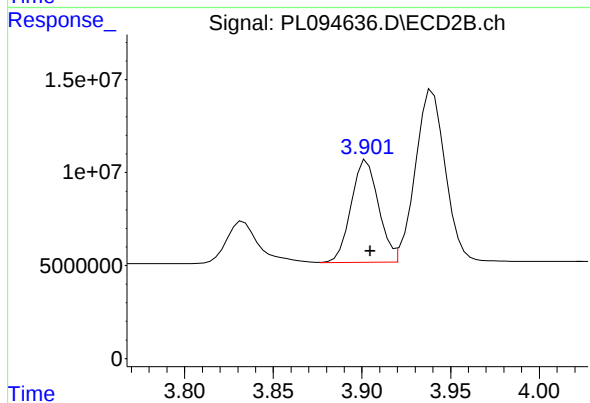
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.003 min
Response: 245870359
Conc: 50.42 ng/ml



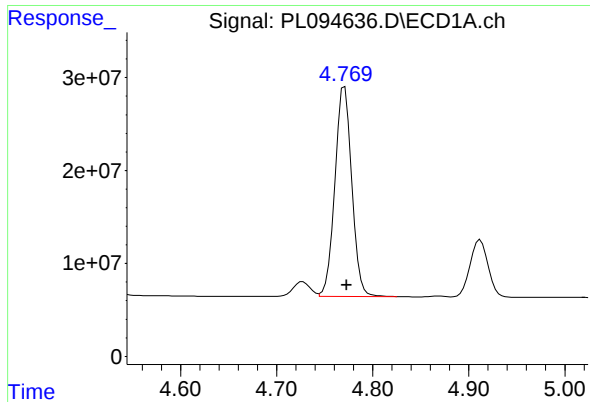
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 47688904
Conc: 25.84 ng/ml



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: -0.002 min
Response: 59354722
Conc: 26.72 ng/ml



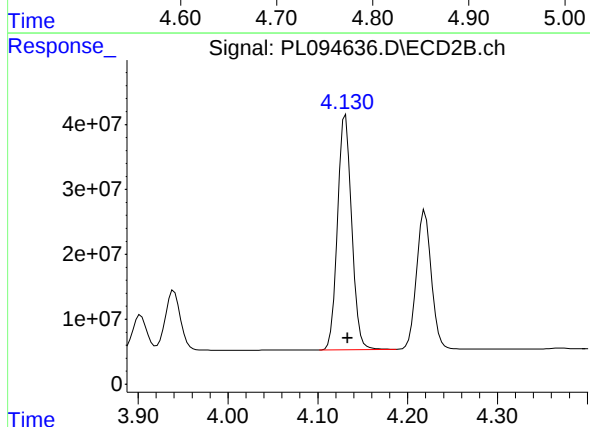
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: -0.002 min
Response: 271279984
Conc: 69.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL2

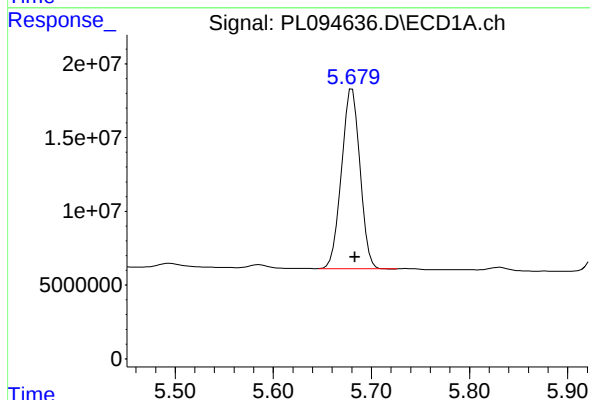
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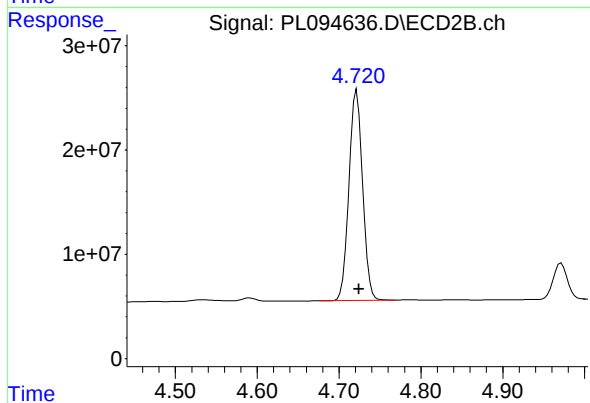
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.002 min
Response: 396586975
Conc: 79.29 ng/ml



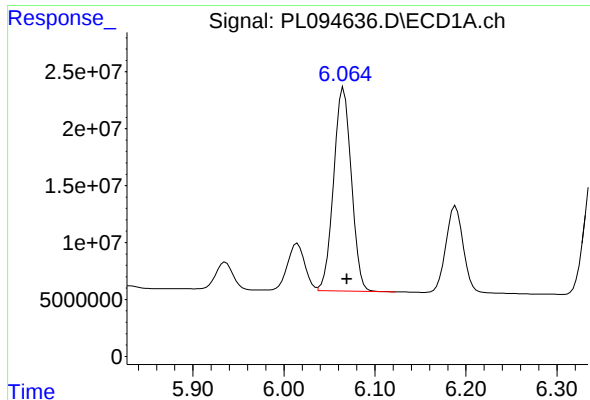
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.003 min
Response: 159855620
Conc: 47.79 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: -0.003 min
Response: 234536287
Conc: 51.22 ng/ml



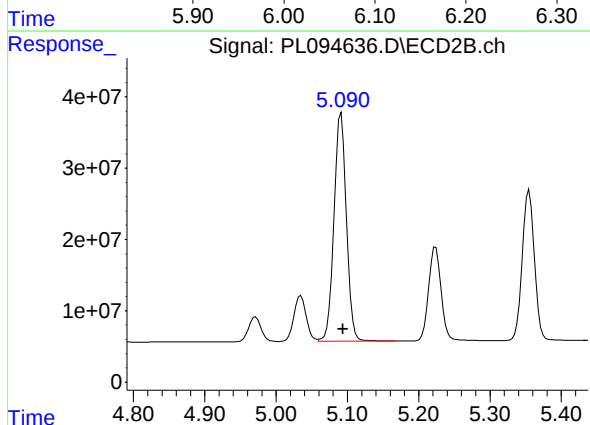
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 241776156
Conc: 78.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL2

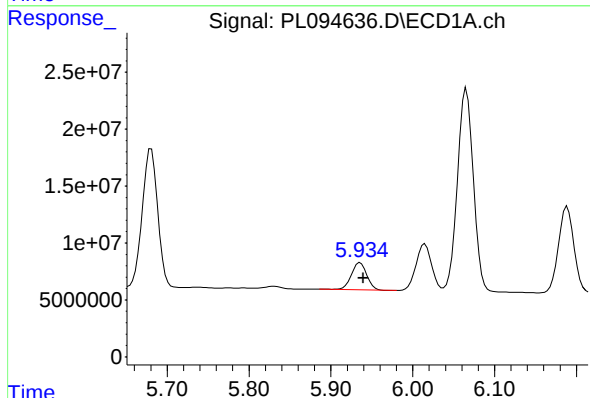
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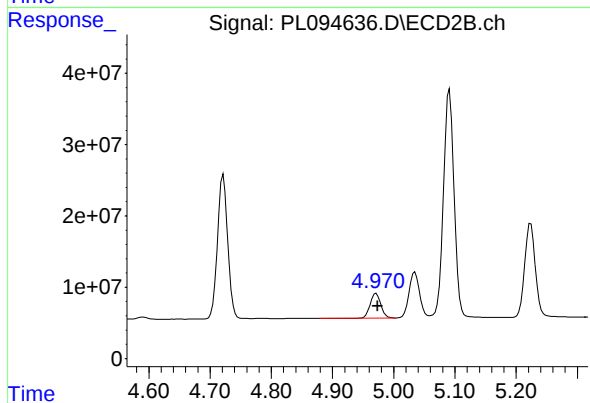
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: -0.003 min
Response: 386833051
Conc: 88.14 ng/ml



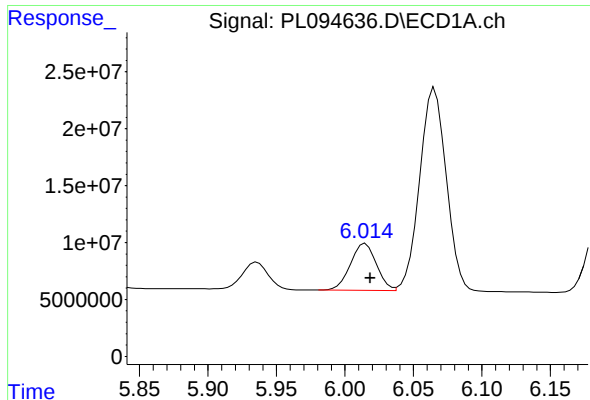
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.004 min
Response: 31357869
Conc: 9.31 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 42136342
Conc: 8.73 ng/ml



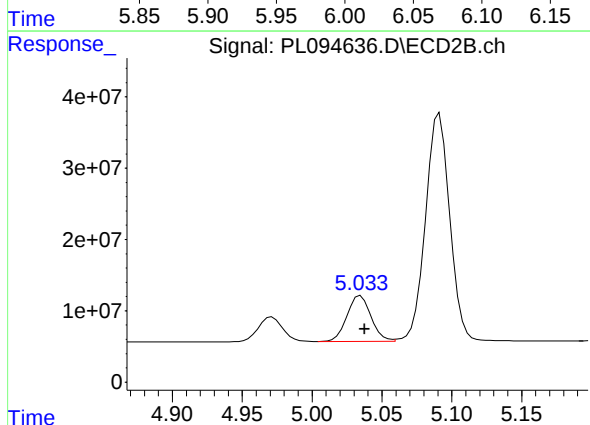
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: -0.003 min
Response: 54708547
Conc: 16.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL2

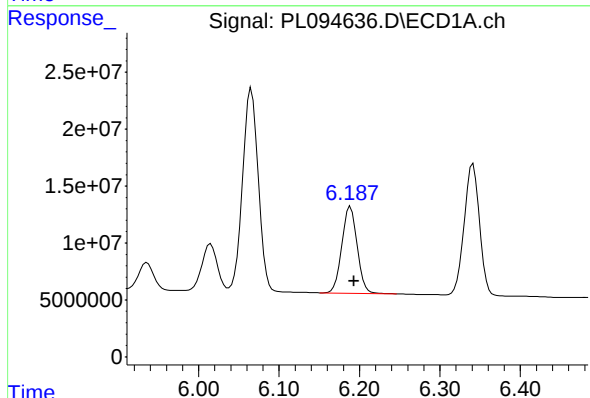
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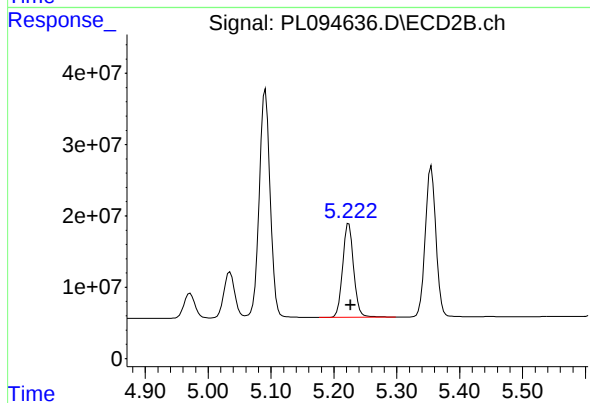
#11 alpha-Chlordane

R.T.: 5.035 min
Delta R.T.: -0.003 min
Response: 77182234
Conc: 16.17 ng/ml



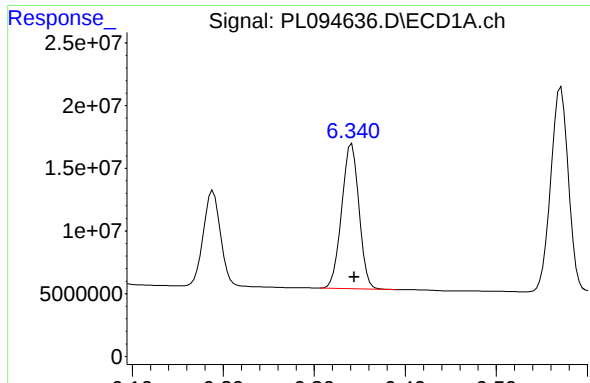
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 100585181
Conc: 34.19 ng/ml



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: -0.003 min
Response: 159290973
Conc: 34.27 ng/ml



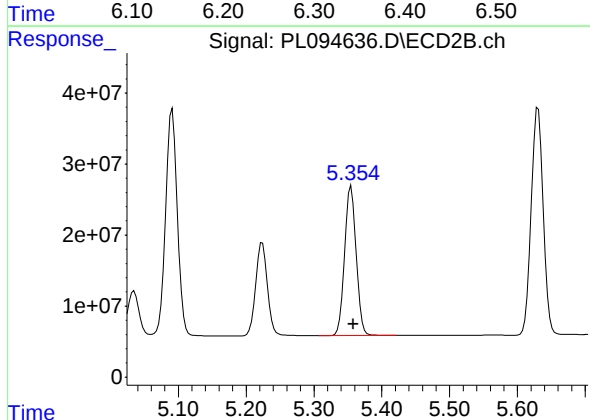
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 152754742
Conc: 47.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL2

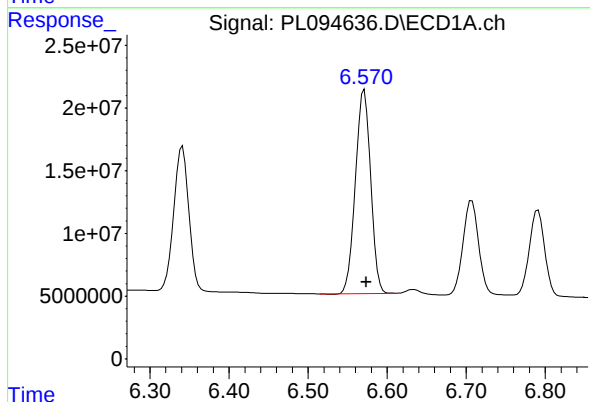
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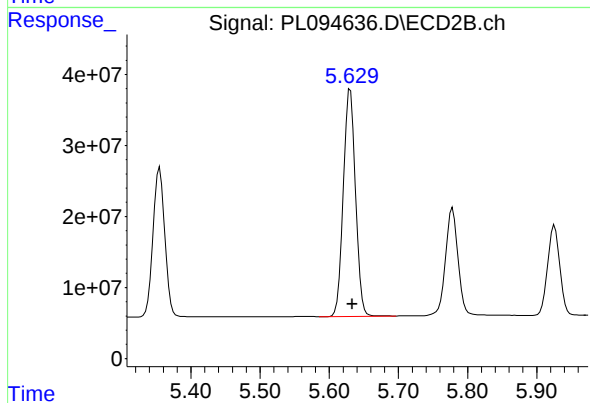
#13 Dieldrin

R.T.: 5.355 min
Delta R.T.: -0.003 min
Response: 248521620
Conc: 51.22 ng/ml



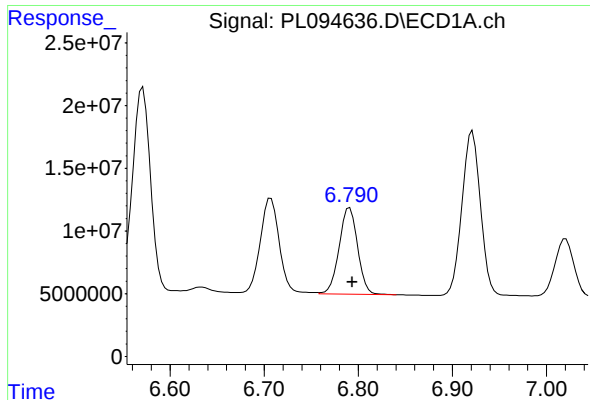
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.003 min
Response: 216970981
Conc: 78.27 ng/ml



#14 Endrin

R.T.: 5.630 min
Delta R.T.: -0.003 min
Response: 391480421
Conc: 89.71 ng/ml



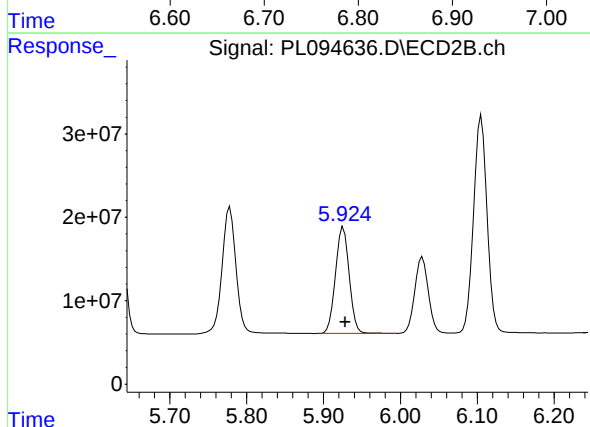
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: -0.003 min
Response: 93903963
Conc: 34.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL2

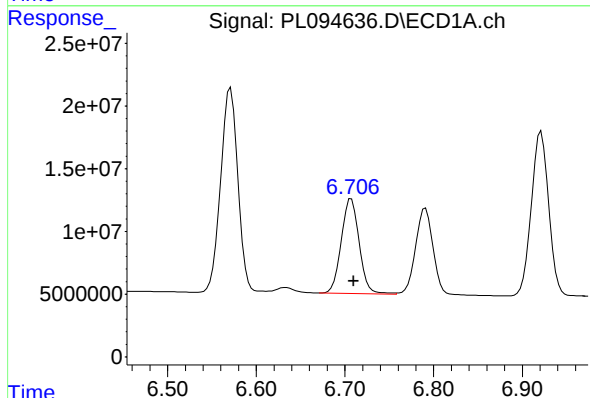
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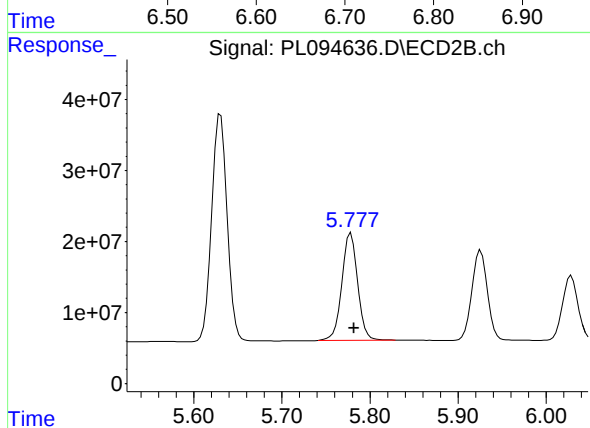
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.003 min
Response: 155633077
Conc: 35.96 ng/ml



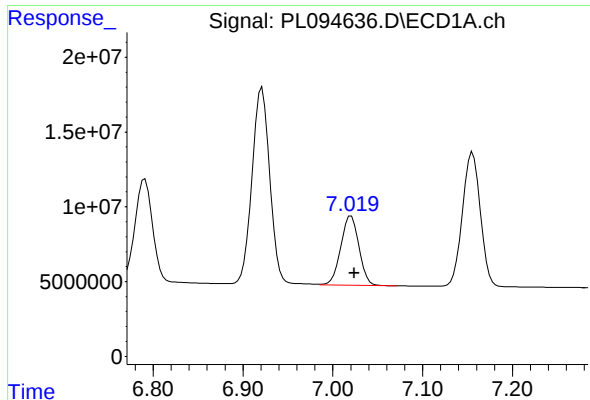
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 105775860
Conc: 48.83 ng/ml



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 187914805
Conc: 52.26 ng/ml



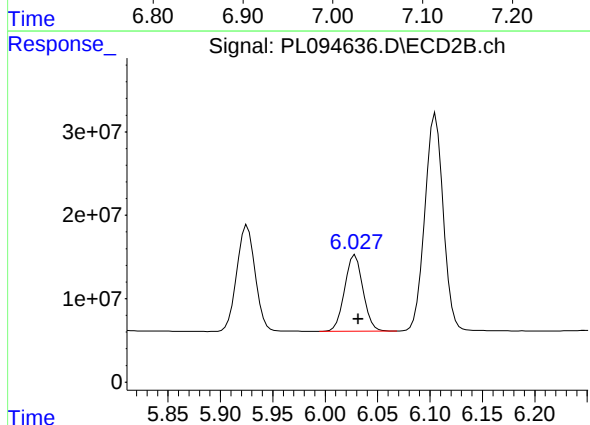
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.003 min
Response: 64893533
Conc: 27.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL2

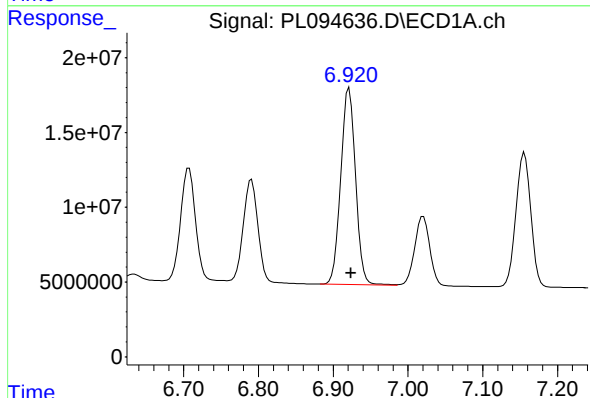
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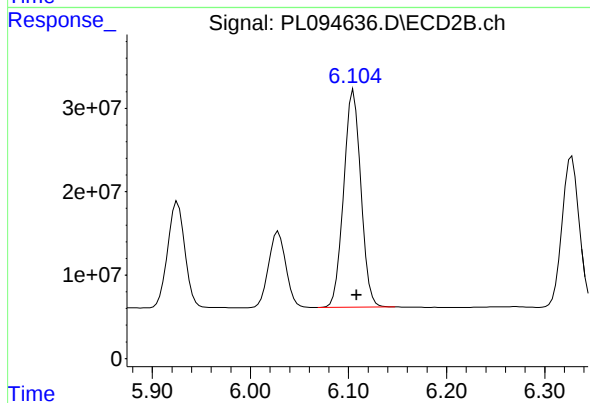
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: -0.003 min
Response: 111791571
Conc: 27.73 ng/ml



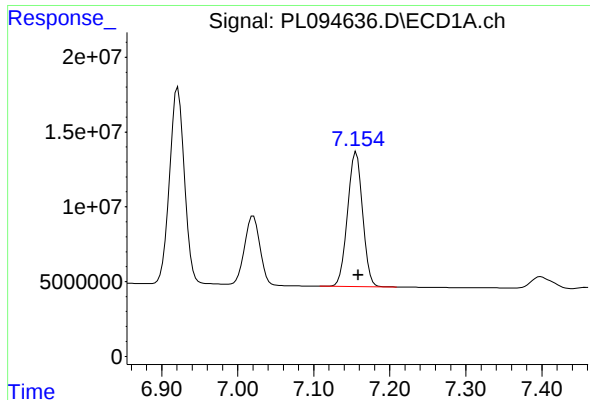
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.002 min
Response: 180771815
Conc: 85.63 ng/ml



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: -0.003 min
Response: 317614452
Conc: 94.38 ng/ml



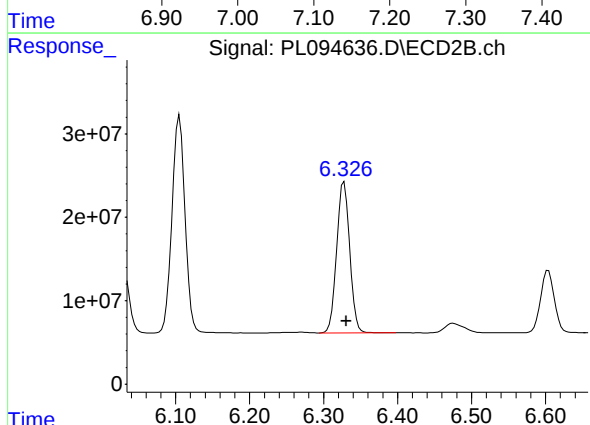
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: -0.003 min
Response: 124154844
Conc: 51.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL2

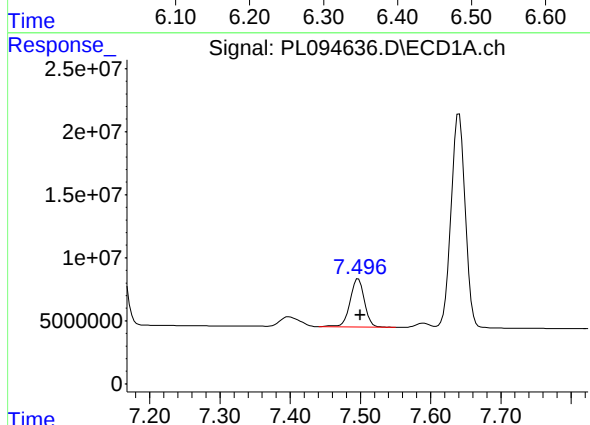
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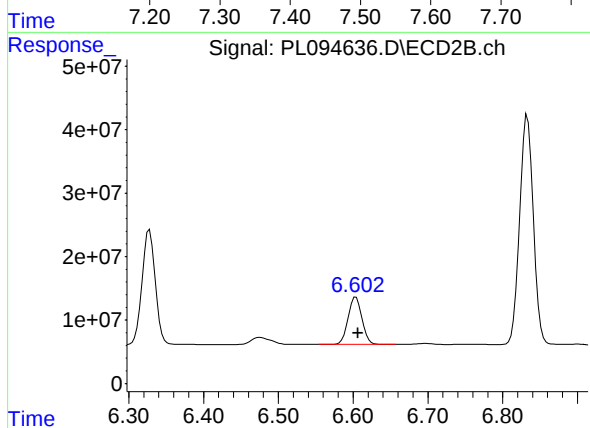
#19 Endosulfan Sulfate

R.T.: 6.328 min
Delta R.T.: -0.003 min
Response: 222087386
Conc: 54.52 ng/ml



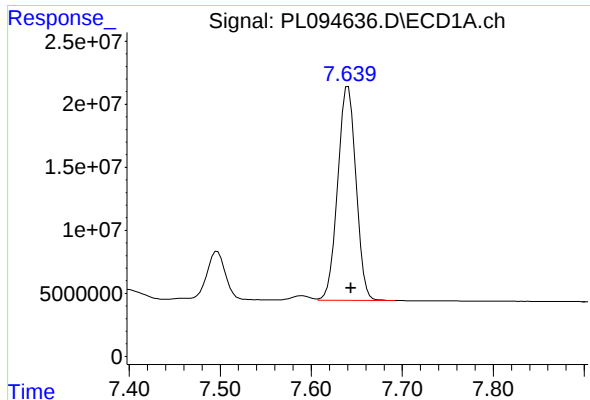
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: -0.003 min
Response: 54244230
Conc: 45.31 ng/ml



#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: -0.003 min
Response: 96075885
Conc: 45.30 ng/ml



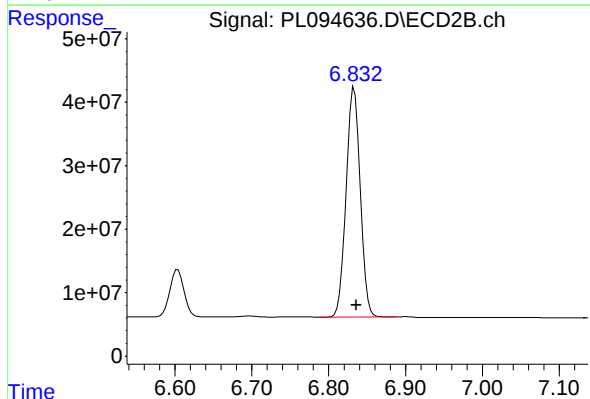
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 23700911
Conc: 89.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL2

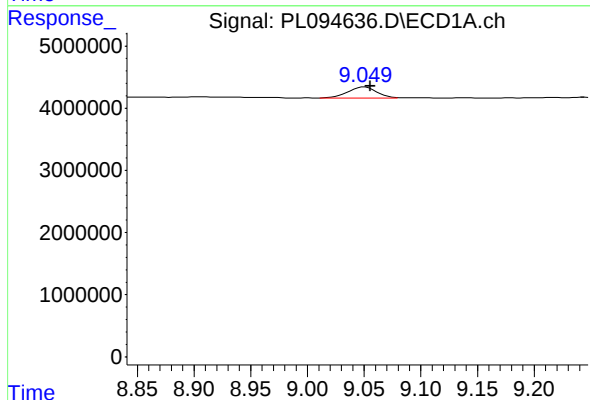
Manual Integrations
APPROVED

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



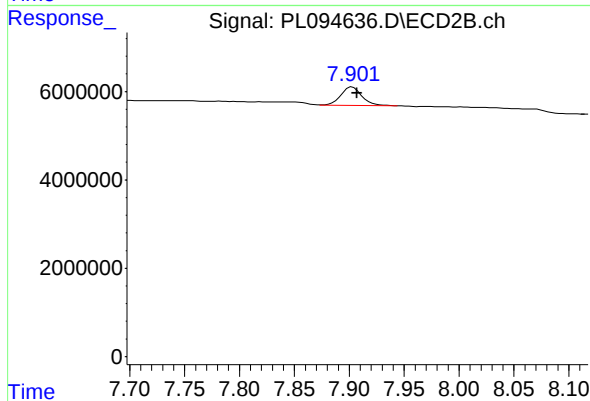
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: -0.003 min
Response: 460214538
Conc: 96.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.049 min
Delta R.T.: -0.007 min
Response: 3145651
Conc: 1.49 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.901 min
Delta R.T.: -0.005 min
Response: 5562791
Conc: 1.38 ng/ml m