

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110424\
 Data File : PL092820.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2024 11:39
 Operator : AR\AJ
 Sample : P4495-20DL2 20X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PT-PEST-SOILDL2

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/05/2024
 Supervised By :Ankita Jodhani 11/05/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 05 03:10:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.539	2.777	3324566	3040029	1.357m	1.117m
28) SA Decachlor...	9.056	7.915	2033911	2854475	1.057	1.046m
Target Compounds						
2) A alpha-BHC	3.997	3.281	107.7E6	130.7E6	31.748	32.747
3) MA gamma-BHC...	4.330	3.611	65104170	76748064	19.973	19.886
4) MA Heptachlor	4.918	3.950	132.4E6	180.3E6	44.093	47.771
5) MB Aldrin	5.259	4.229	43448321	51235904	14.476	13.998
6) B beta-BHC	4.527	3.911	63277736	75748441	43.777	46.013
7) B delta-BHC	4.774	4.139	127.7E6	168.6E6	40.802	43.880
8) B Heptachlo...	5.686	4.732	41407697	46486162	14.995	13.912
9) A Endosulfan I	6.071	5.101	16923011	18600180	6.766	6.092
10) B gamma-Chl...	5.942	4.982	90907422	125.2E6	34.168	37.235
11) B alpha-Chl...	6.021	5.045	33632008	40988946	12.700	12.324
12) B 4,4'-DDE	6.194	5.234	113.1E6	170.4E6	47.744	52.904
13) MA Dieldrin	6.346	5.366	127.8E6	182.5E6	48.490	54.650
14) MA Endrin	6.576	5.641	15359275	18869361	6.746	6.522
15) B Endosulfa...	6.796	5.936	56660447	70558229	23.769	24.903
16) A 4,4'-DDD	6.711	5.789	60078080	80697157	31.298	32.408
17) MA 4,4'-DDT	7.025	6.040	30699286	39967415	14.832	14.901
18) B Endrin al...	6.925	6.115	9031000	10392102	4.809	4.504
19) B Endosulfa...	7.159	6.338	20797218	23564491	9.582	8.738
20) A Methoxychlor	7.500	6.614	8348347	9933317	7.323	6.956
21) B Endrin ke...	7.645	6.844	69323896	89705392	28.613	29.231

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110424\
Data File : PL092820.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Nov 2024 11:39
Operator : AR\AJ
Sample : P4495-20DL2 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

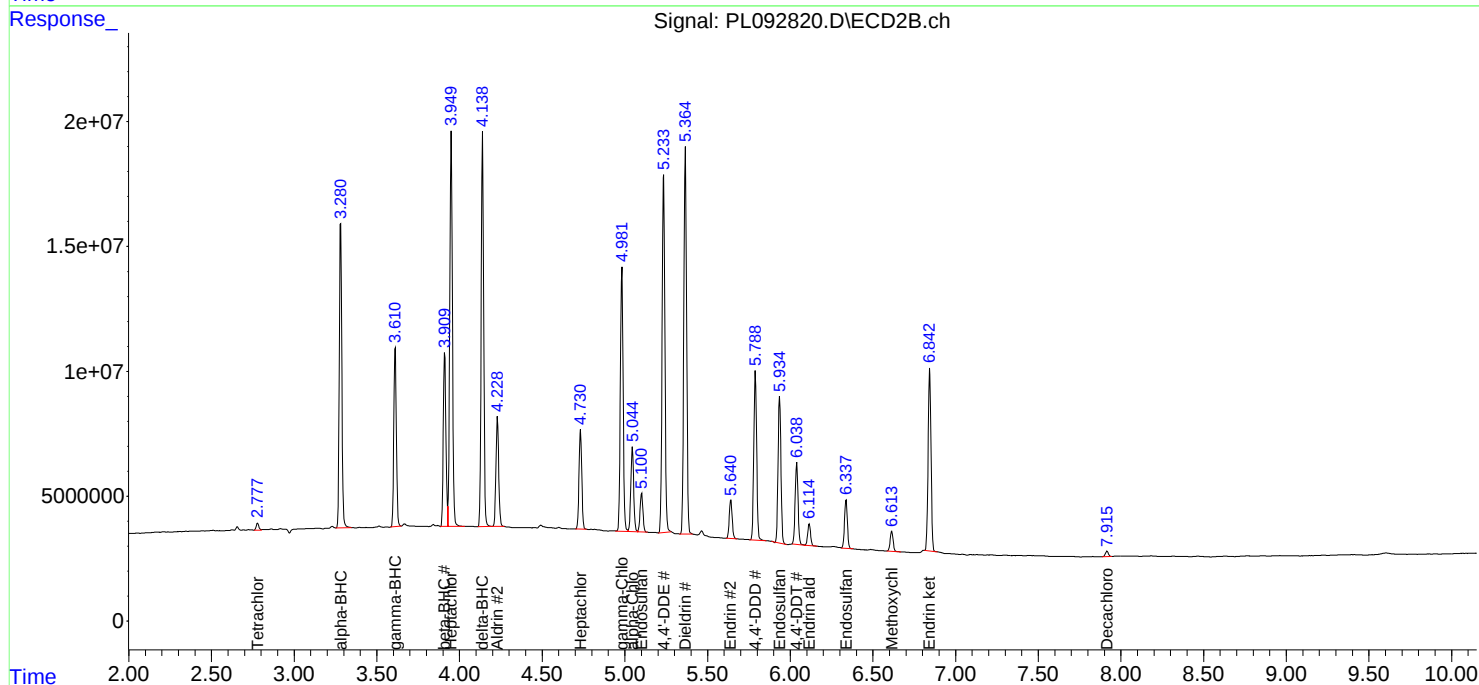
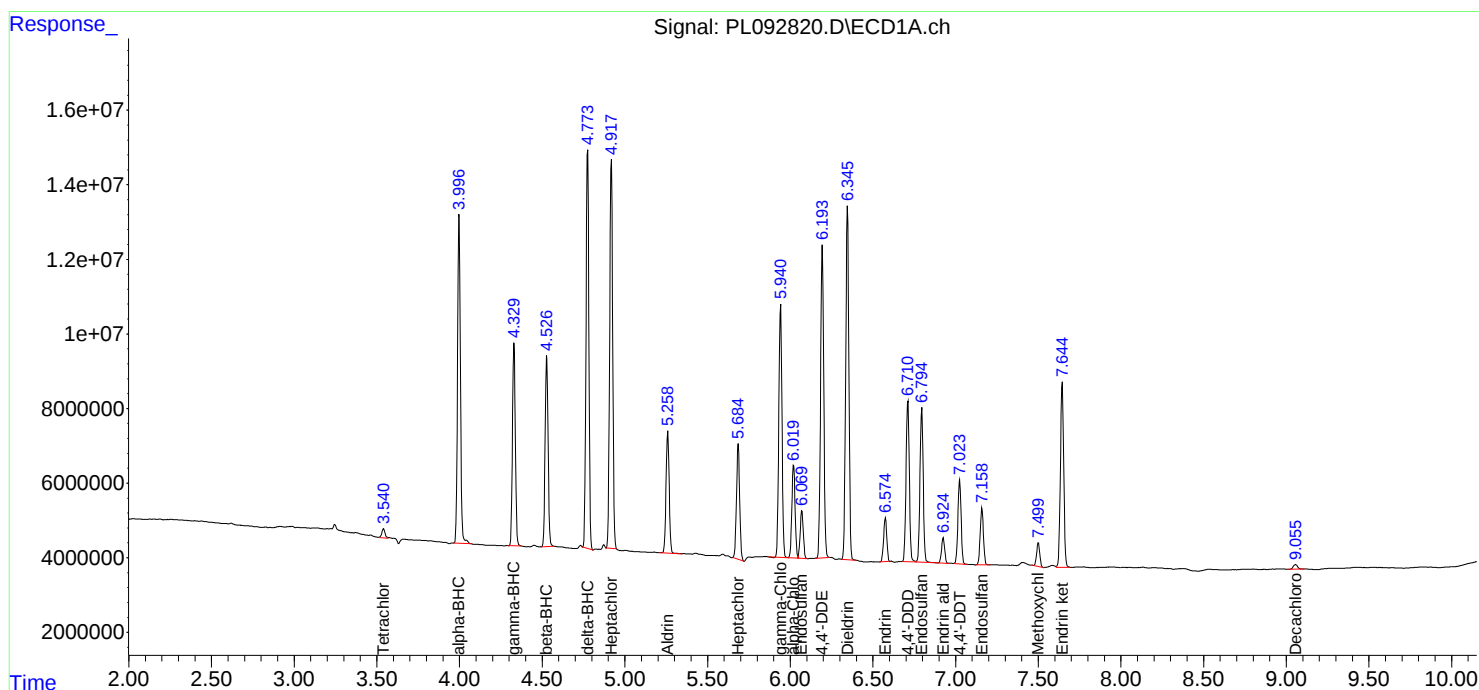
Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL2

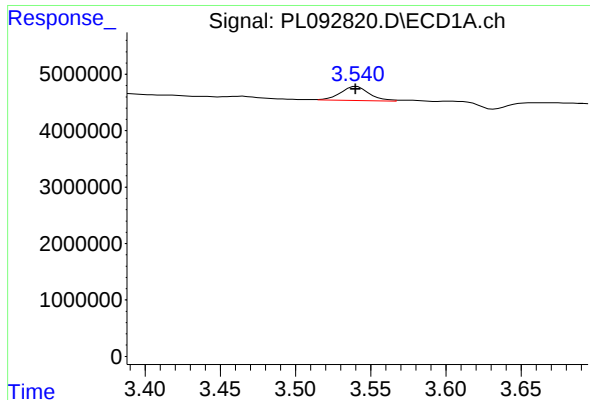
Manual Integrations
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Reviewed By : Abdul Mirza 11/05/2024
Supervised By : Ankita Jodhani 11/05/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 03:10:52 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





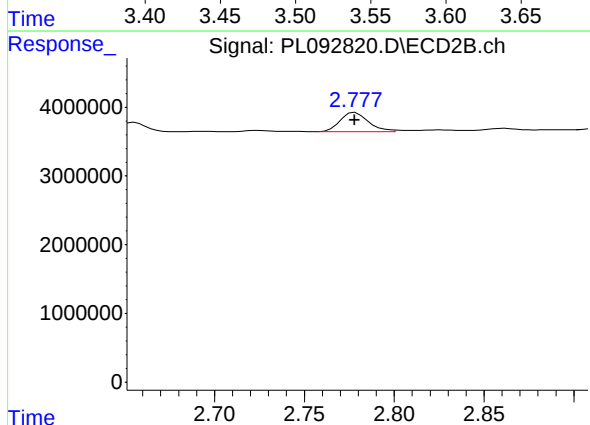
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: 0.000 min
Response: 3324566
Conc: 1.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL2

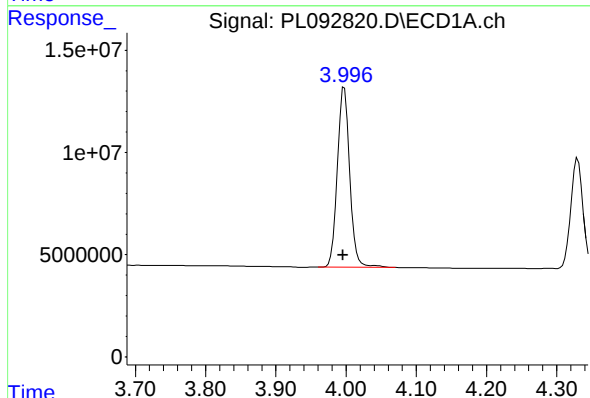
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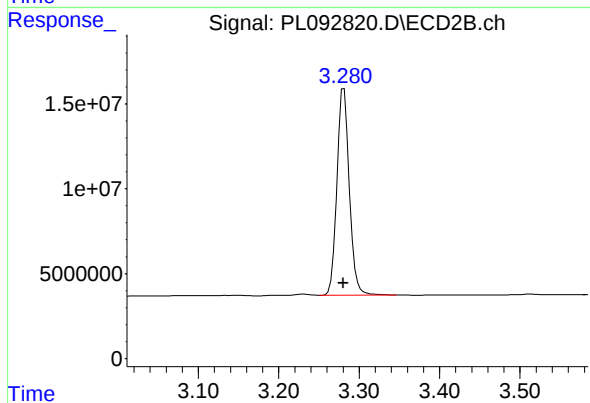
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 3040029
Conc: 1.12 ng/ml



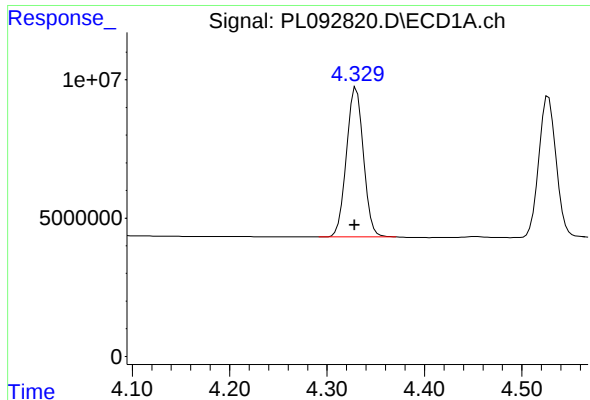
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.002 min
Response: 107674341
Conc: 31.75 ng/ml



#2 alpha-BHC

R.T.: 3.281 min
Delta R.T.: 0.000 min
Response: 130667193
Conc: 32.75 ng/ml



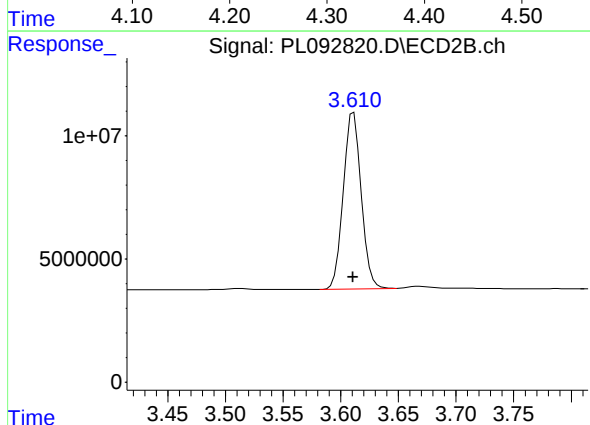
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.002 min
Response: 65104170
Conc: 19.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL2

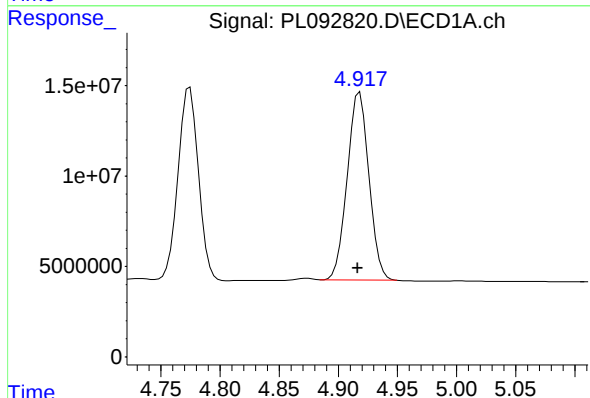
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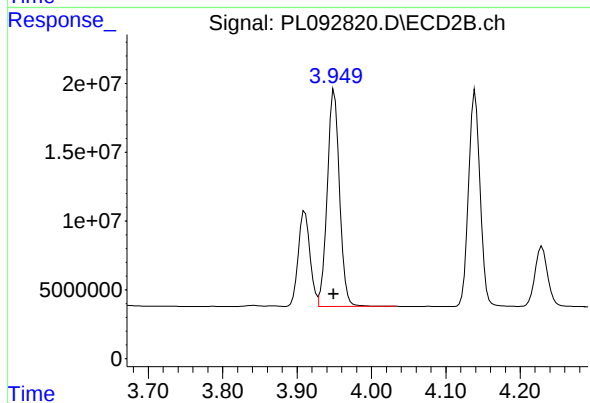
#3 gamma-BHC (Lindane)

R.T.: 3.611 min
Delta R.T.: 0.000 min
Response: 76748064
Conc: 19.89 ng/ml



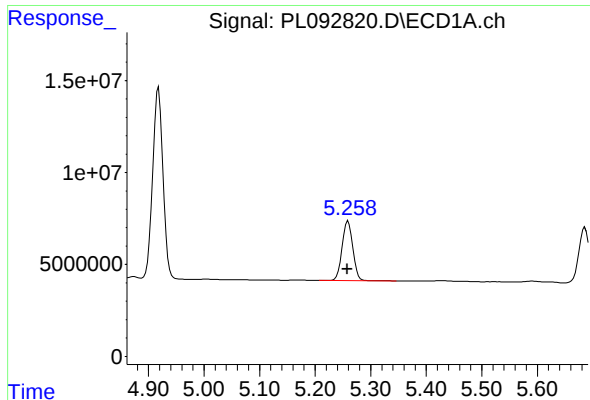
#4 Heptachlor

R.T.: 4.918 min
Delta R.T.: 0.002 min
Response: 132416580
Conc: 44.09 ng/ml



#4 Heptachlor

R.T.: 3.950 min
Delta R.T.: 0.000 min
Response: 180284751
Conc: 47.77 ng/ml



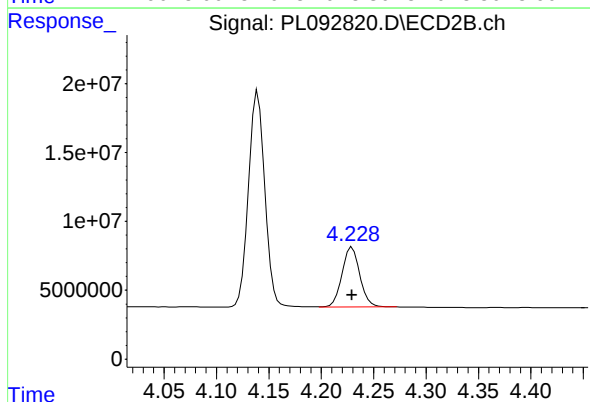
#5 Aldrin

R.T.: 5.259 min
Delta R.T.: 0.001 min
Response: 43448321
Conc: 14.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL2

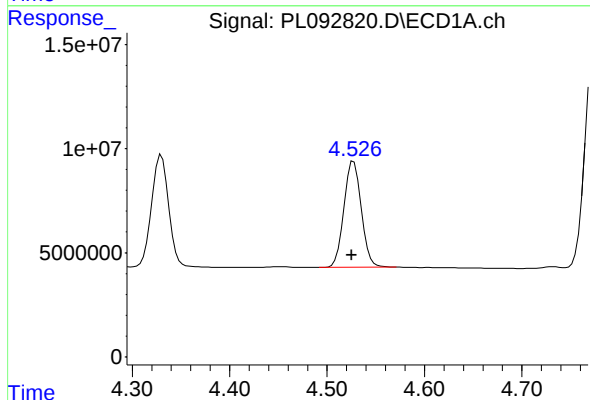
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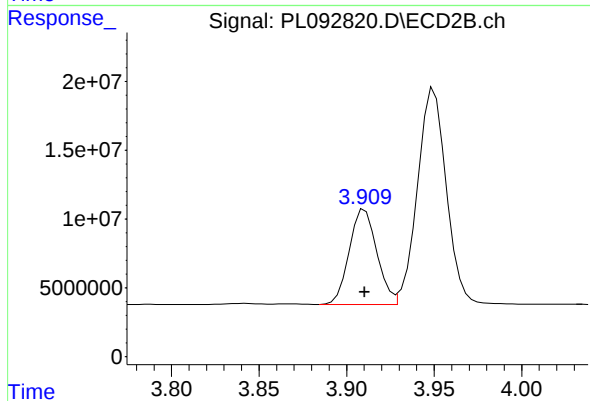
#5 Aldrin

R.T.: 4.229 min
Delta R.T.: 0.000 min
Response: 51235904
Conc: 14.00 ng/ml



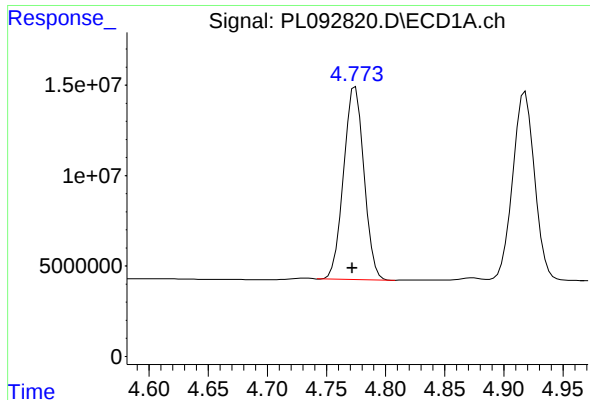
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.002 min
Response: 63277736
Conc: 43.78 ng/ml



#6 beta-BHC

R.T.: 3.911 min
Delta R.T.: 0.000 min
Response: 75748441
Conc: 46.01 ng/ml



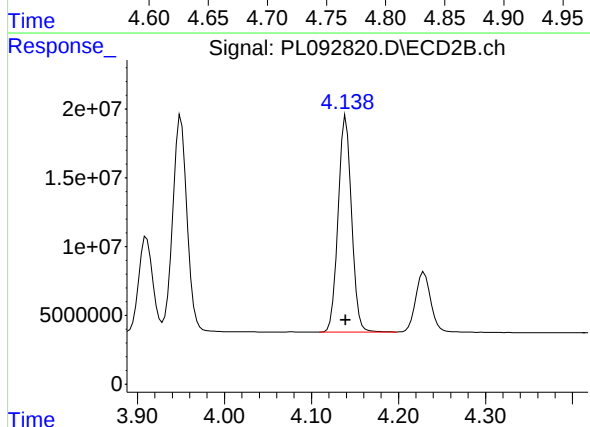
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: 0.002 min
Response: 127706029
Conc: 40.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL2

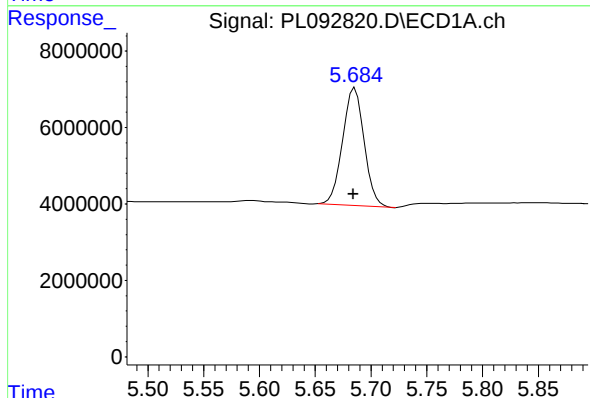
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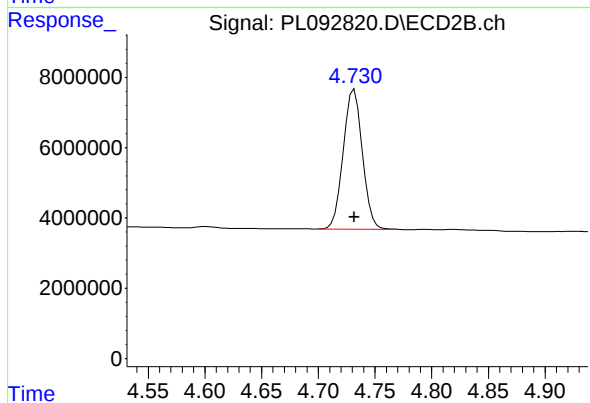
#7 delta-BHC

R.T.: 4.139 min
Delta R.T.: 0.000 min
Response: 168636239
Conc: 43.88 ng/ml



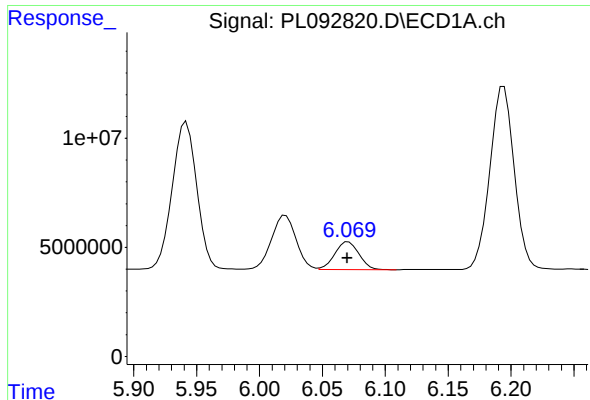
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: 0.001 min
Response: 41407697
Conc: 15.00 ng/ml



#8 Heptachlor epoxide

R.T.: 4.732 min
Delta R.T.: 0.000 min
Response: 46486162
Conc: 13.91 ng/ml



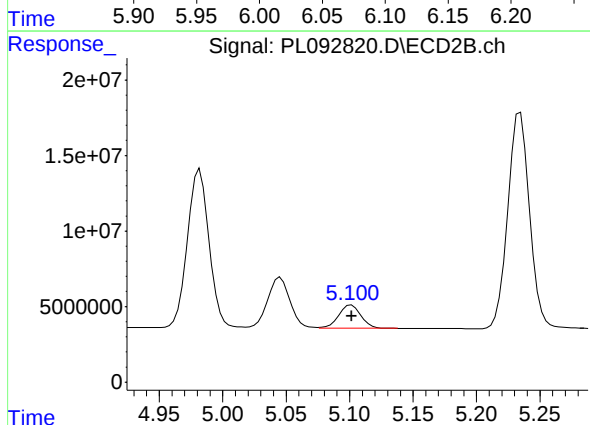
#9 Endosulfan I

R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 16923011
Conc: 6.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL2

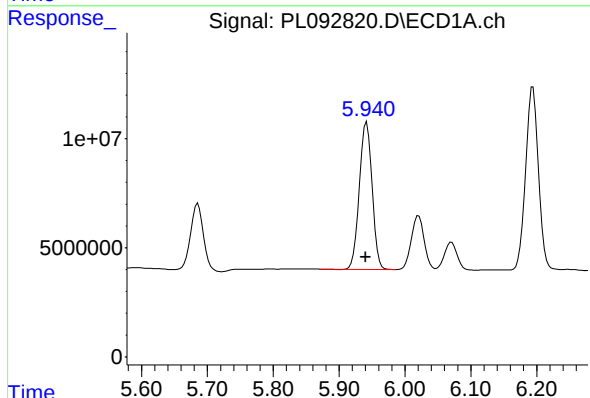
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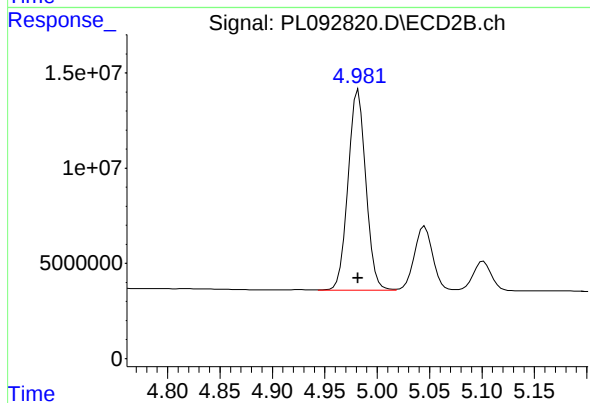
#9 Endosulfan I

R.T.: 5.101 min
Delta R.T.: 0.000 min
Response: 18600180
Conc: 6.09 ng/ml



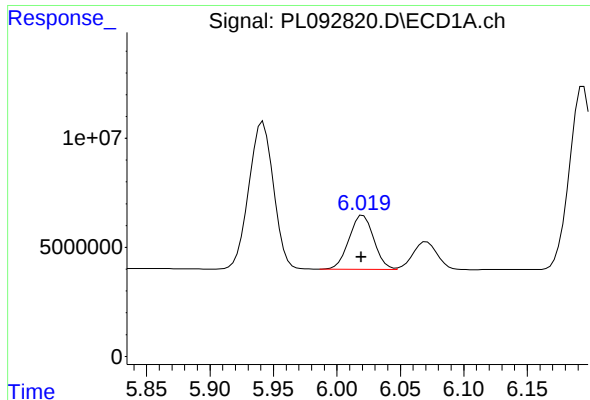
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.001 min
Response: 90907422
Conc: 34.17 ng/ml



#10 gamma-Chlordane

R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 125173068
Conc: 37.24 ng/ml



#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.001 min
Response: 33632008
Conc: 12.70 ng/ml

Instrument :

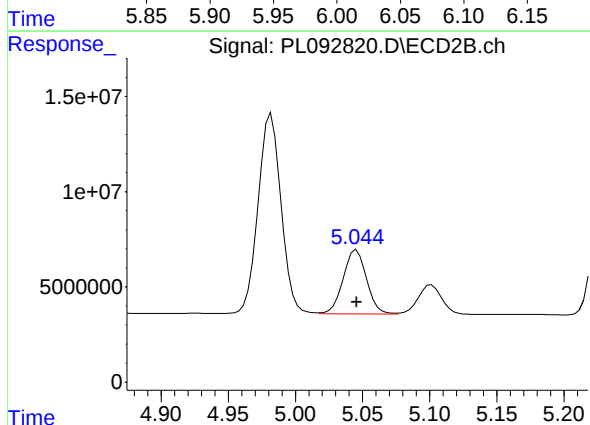
ECD_L

ClientSampleId :

PT-PEST-SOILDL2

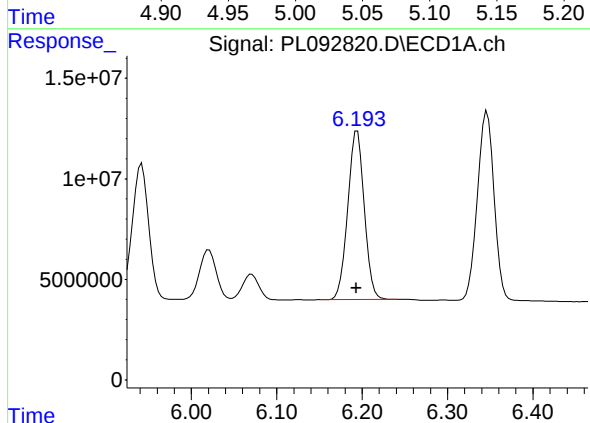
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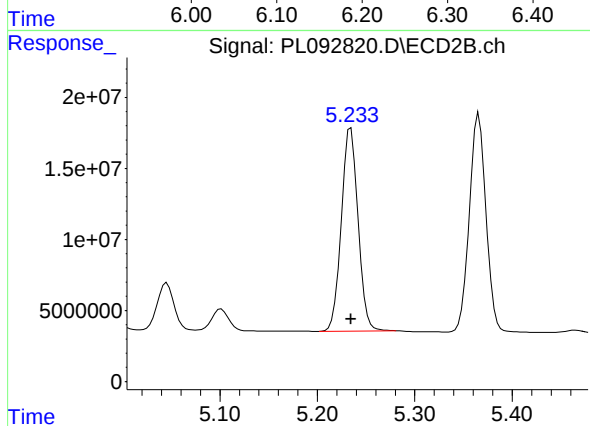
#11 alpha-Chlordane

R.T.: 5.045 min
Delta R.T.: 0.000 min
Response: 40988946
Conc: 12.32 ng/ml



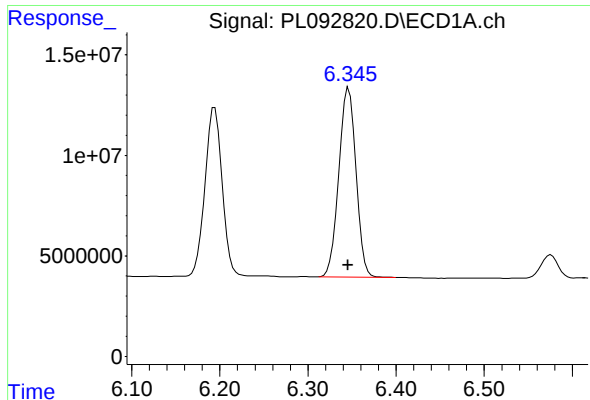
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.001 min
Response: 113115523
Conc: 47.74 ng/ml



#12 4,4'-DDE

R.T.: 5.234 min
Delta R.T.: 0.000 min
Response: 170435516
Conc: 52.90 ng/ml



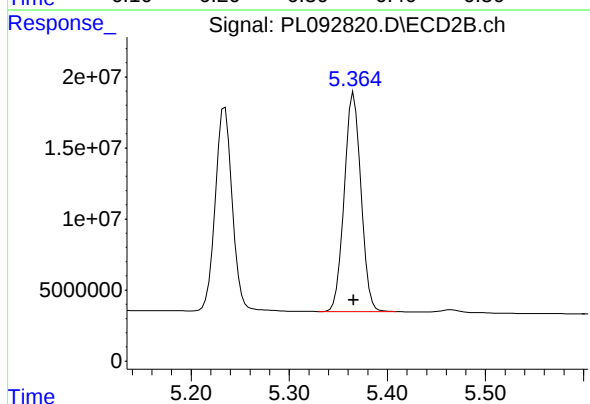
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: 0.001 min
Response: 127795543
Conc: 48.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL2

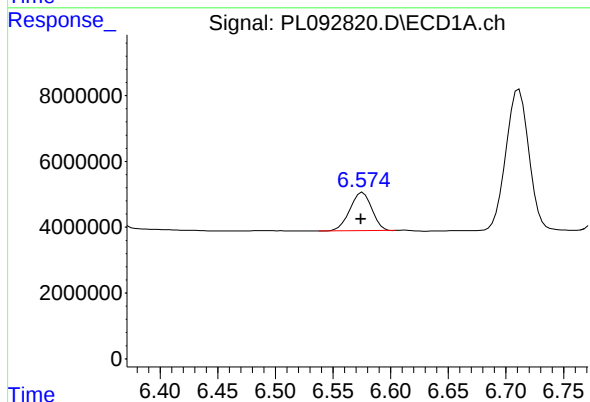
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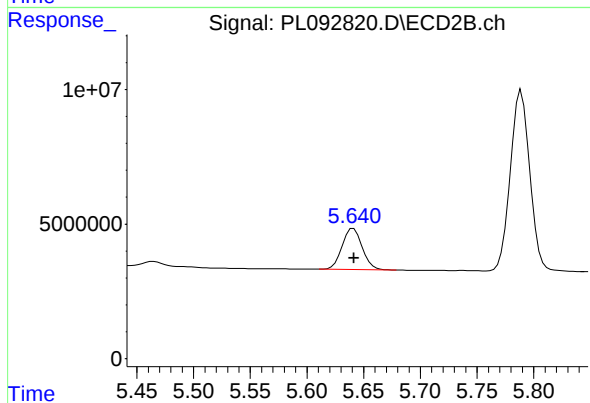
#13 Dieldrin

R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 182547309
Conc: 54.65 ng/ml



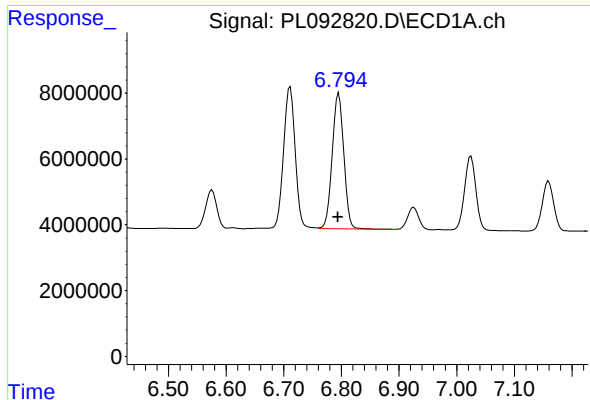
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.002 min
Response: 15359275
Conc: 6.75 ng/ml



#14 Endrin

R.T.: 5.641 min
Delta R.T.: 0.000 min
Response: 18869361
Conc: 6.52 ng/ml



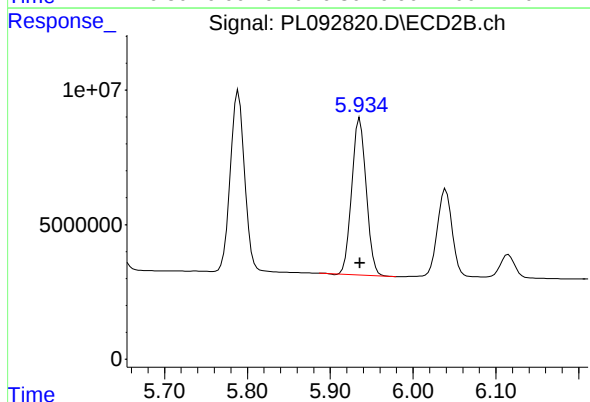
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: 0.002 min
Response: 56660447
Conc: 23.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL2

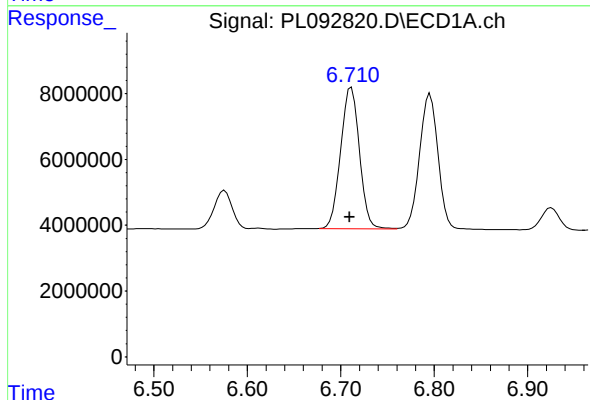
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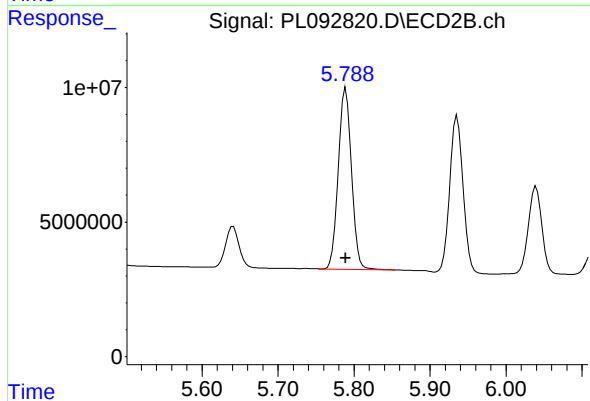
#15 Endosulfan II

R.T.: 5.936 min
Delta R.T.: 0.000 min
Response: 70558229
Conc: 24.90 ng/ml



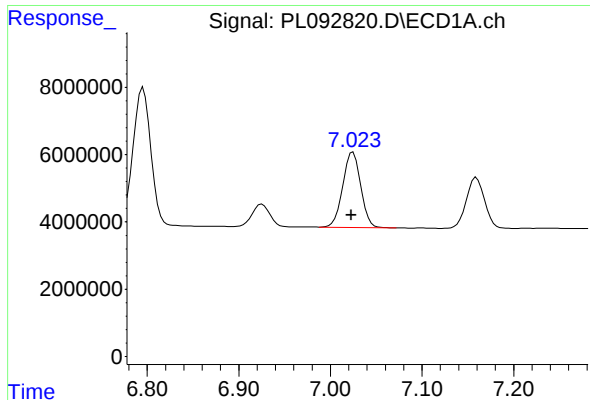
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.002 min
Response: 60078080
Conc: 31.30 ng/ml



#16 4,4'-DDD

R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 80697157
Conc: 32.41 ng/ml



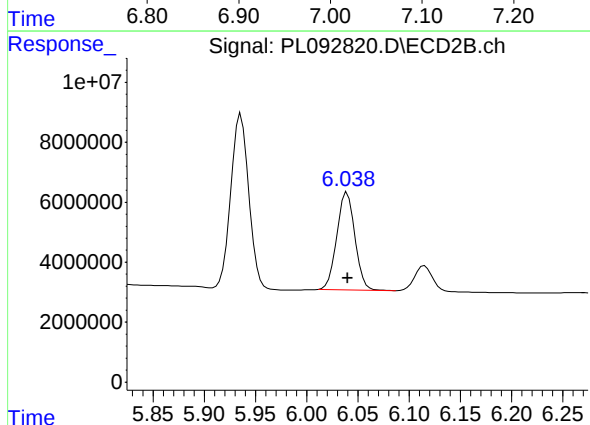
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.002 min
Response: 30699286
Conc: 14.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL2

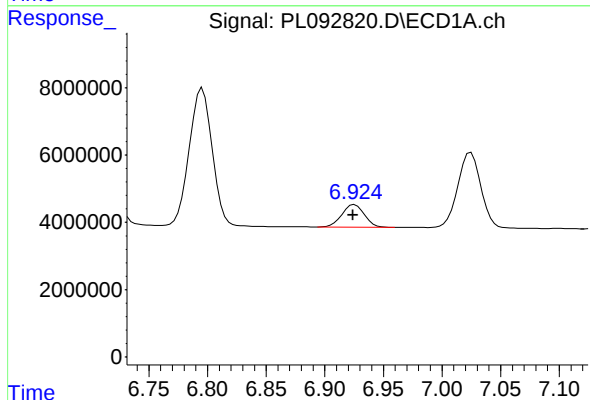
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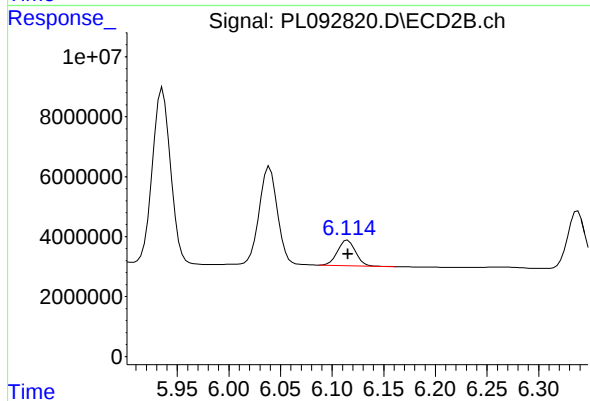
#17 4,4'-DDT

R.T.: 6.040 min
Delta R.T.: 0.000 min
Response: 39967415
Conc: 14.90 ng/ml



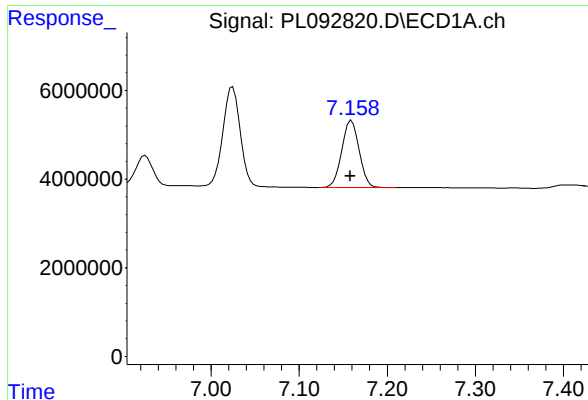
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.001 min
Response: 9031000
Conc: 4.81 ng/ml



#18 Endrin aldehyde

R.T.: 6.115 min
Delta R.T.: 0.000 min
Response: 10392102
Conc: 4.50 ng/ml



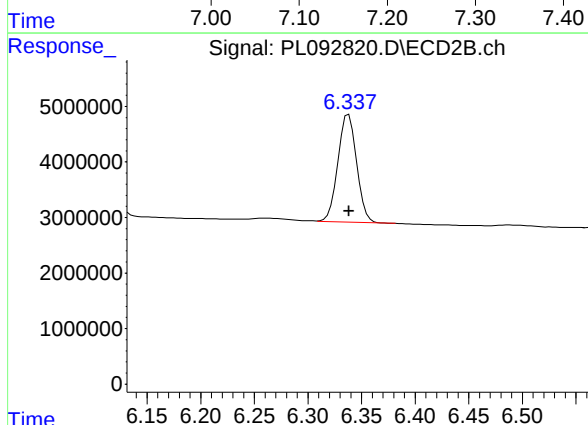
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.001 min
Response: 20797218
Conc: 9.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL2

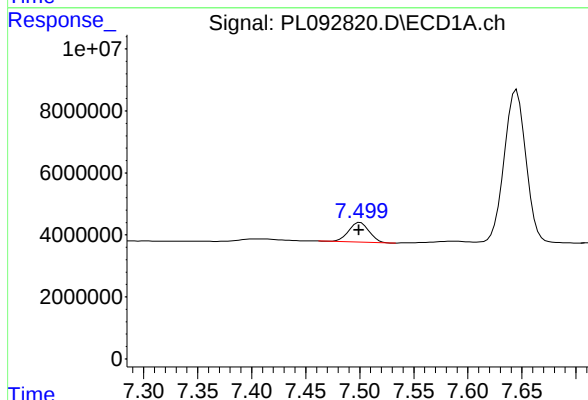
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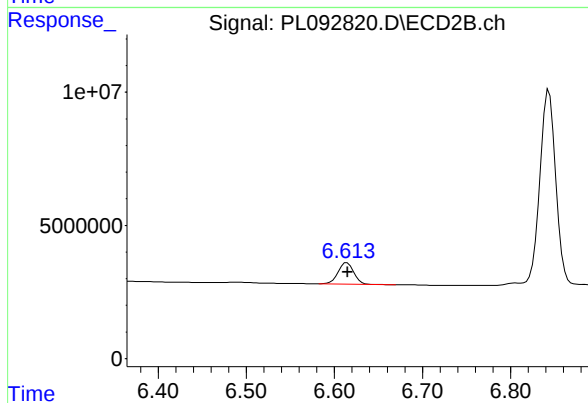
#19 Endosulfan Sulfate

R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 23564491
Conc: 8.74 ng/ml



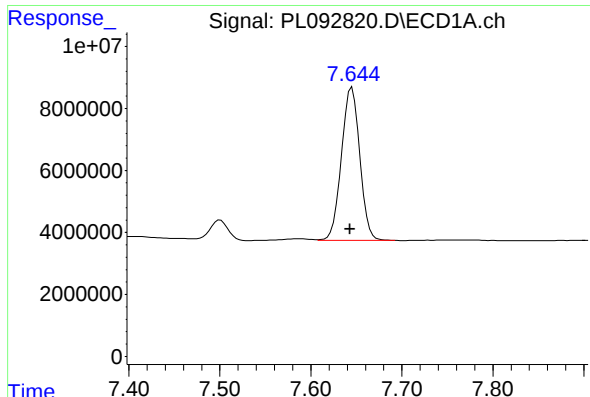
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.001 min
Response: 8348347
Conc: 7.32 ng/ml



#20 Methoxychlor

R.T.: 6.614 min
Delta R.T.: 0.000 min
Response: 9933317
Conc: 6.96 ng/ml



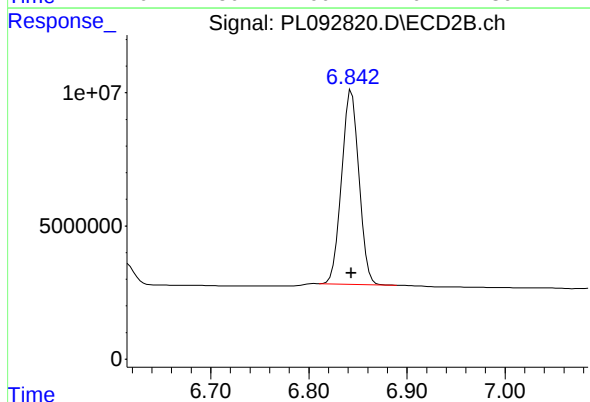
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.002 min
Response: 69323896
Conc: 28.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-SOILDL2

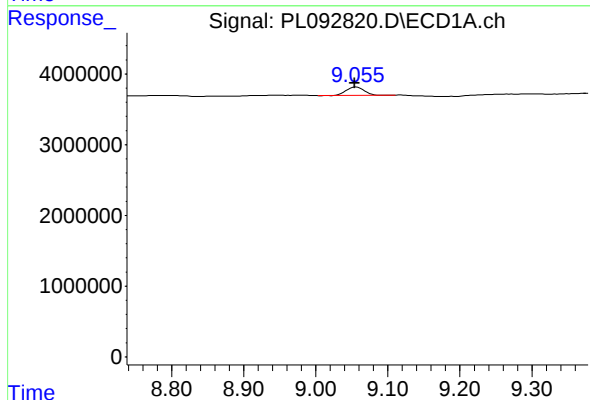
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/05/2024
Supervised By :Ankita Jodhani 11/05/2024



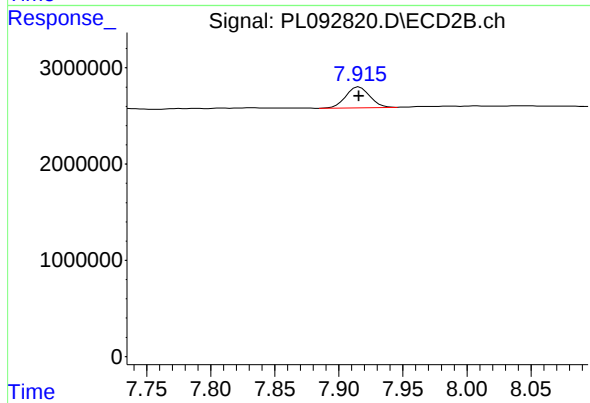
#21 Endrin ketone

R.T.: 6.844 min
Delta R.T.: 0.000 min
Response: 89705392
Conc: 29.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.002 min
Response: 2033911
Conc: 1.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.915 min
Delta R.T.: -0.001 min
Response: 2854475
Conc: 1.05 ng/ml m