

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110124\
 Data File : PL092792.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Nov 2024 12:38
 Operator : AR\AJ
 Sample : P4617-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 CONCRETE-PILEMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/04/2024
 Supervised By :Ankita Jodhani 11/04/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 01:39:14 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...	3.541	2.778	61935401	56839385	25.277	20.888
28)	SA Decachlor...	9.058	7.918	45186281	66628348	23.479	24.413
Target Compounds							
2)	A alpha-BHC	3.997	3.281	188.9E6	229.9E6	55.687m	57.610
3)	MA gamma-BHC...	4.329	3.610	192.9E6	225.7E6	59.188m	58.477m
4)	MA Heptachlor	4.918	3.950	179.0E6	243.0E6	59.592	64.385
5)	MB Aldrin	5.261	4.230	170.1E6	221.4E6	56.679	60.492
6)	B beta-BHC	4.528	3.911	87521323	104.4E6	60.549	63.411
7)	B delta-BHC	4.775	4.140	72879385	82367373	23.285	21.432
8)	B Heptachlo...	5.687	4.733	163.9E6	213.5E6	59.341	63.893
9)	A Endosulfan I	6.072	5.102	149.9E6	198.8E6	59.917	65.097
10)	B gamma-Chl...	5.943	4.983	160.4E6	223.1E6	60.303	66.353
11)	B alpha-Chl...	6.022	5.046	160.1E6	223.6E6	60.464	67.227
12)	B 4,4'-DDE	6.196	5.236	144.5E6	214.5E6	60.976	66.570
13)	MA Dieldrin	6.348	5.367	160.0E6	222.8E6	60.722	66.701
14)	MA Endrin	6.578	5.642	135.6E6	201.8E6	59.554	69.741
15)	B Endosulfa...	6.797	5.937	141.8E6	190.2E6	59.489	67.123
16)	A 4,4'-DDD	6.713	5.791	113.7E6	163.3E6	59.255	65.598
17)	MA 4,4'-DDT	7.027	6.041	126.1E6	179.2E6	60.942	66.806
18)	B Endrin al...	6.927	6.116	100.4E6	134.5E6	53.484	58.290
19)	B Endosulfa...	7.161	6.340	109.8E6	150.7E6	50.590	55.886
20)	A Methoxychlor	7.503	6.616	65224890	91342736	57.215	63.964
21)	B Endrin ke...	7.646	6.845	140.6E6	197.6E6	58.037	64.393
22)	Mirex	8.119	7.025	108.6E6	155.2E6	54.778	59.480

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110124\
Data File : PL092792.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Nov 2024 12:38
Operator : AR\AJ
Sample : P4617-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

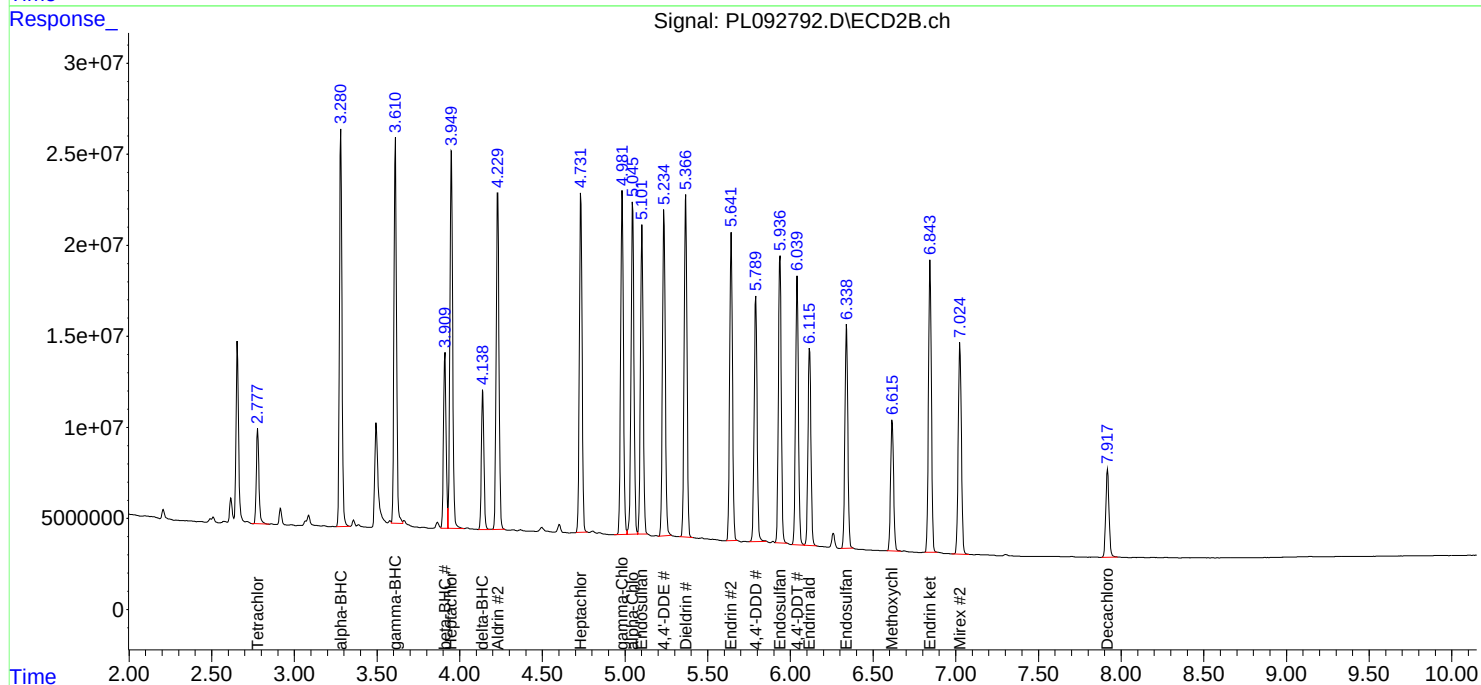
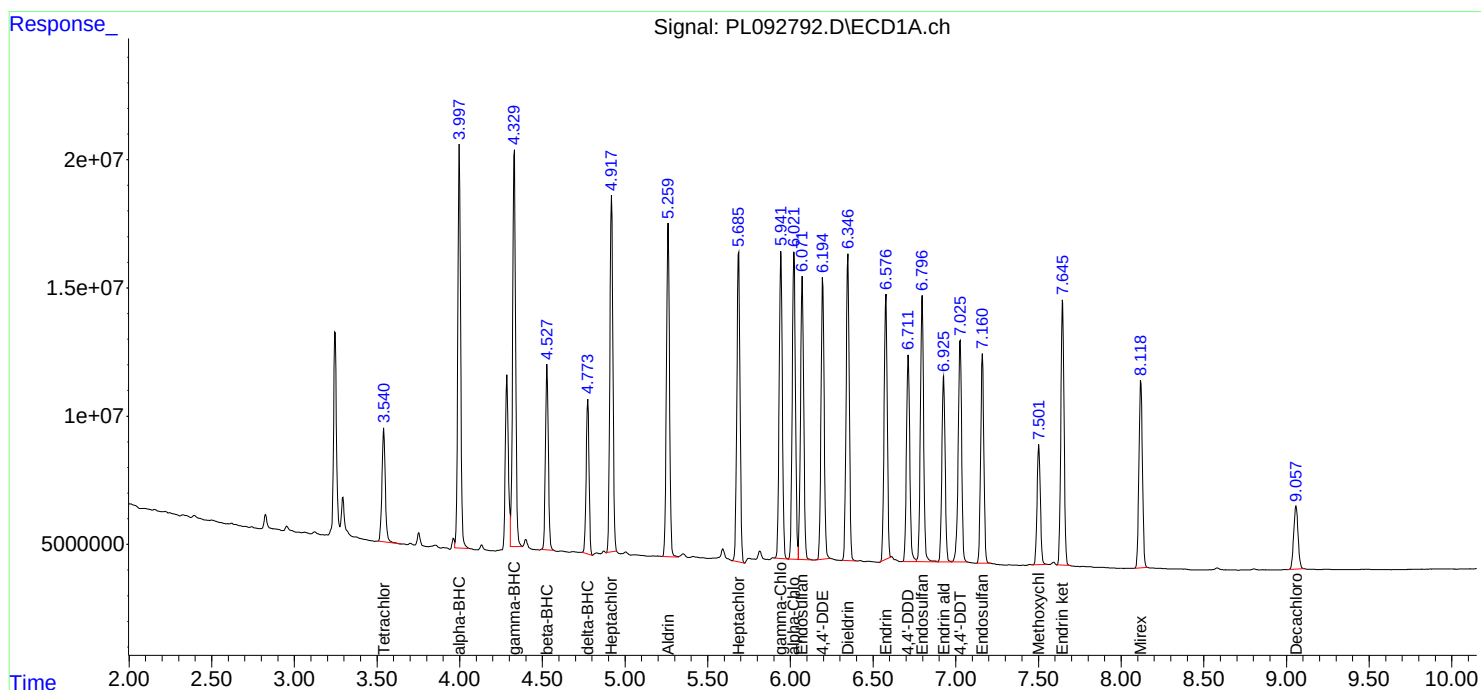
Instrument :
ECD_L
ClientSampleId :
CONCRETE-PILEMSD

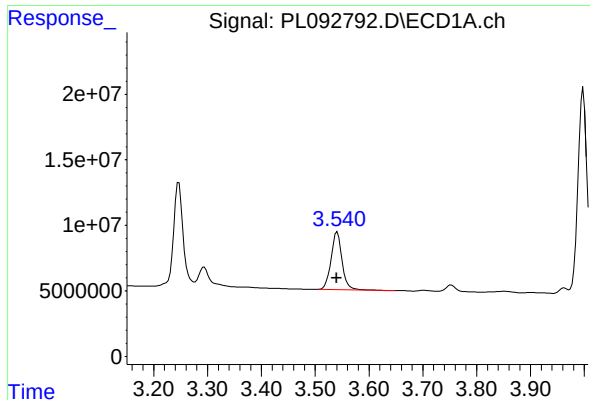
Manual Integrations
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Supervised By :Ankita Jodhani 11/04/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 04 01:39:14 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.: 3.541 min
Delta R.T.: 0.000 min
Response: 61935401
Conc: 25.28 ng/ml

Instrument :

ECD_L

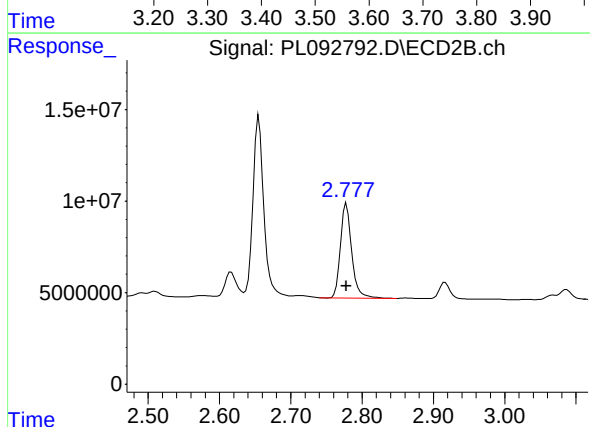
ClientSampleId :

CONCRETE-PILEMSD

Manual Integrations

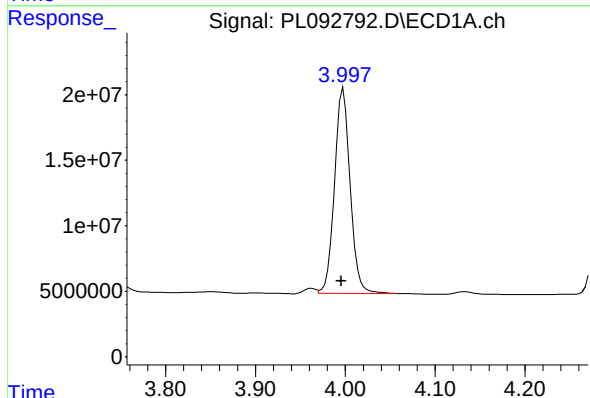
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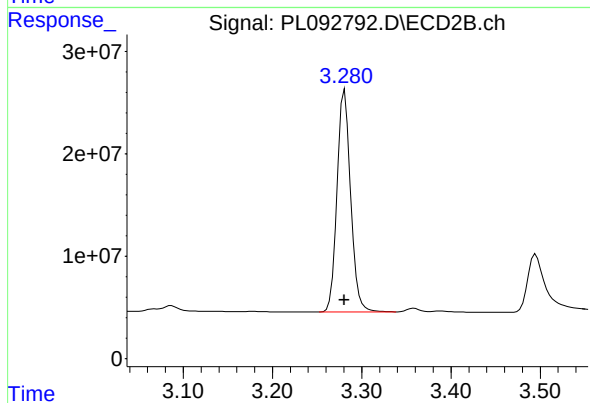
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 56839385
Conc: 20.89 ng/ml



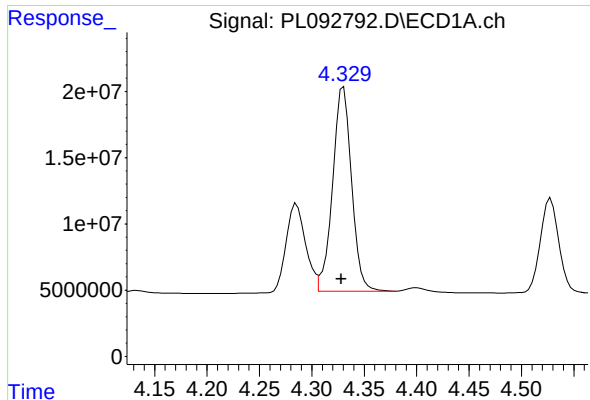
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 188867418
Conc: 55.69 ng/ml m



#2 alpha-BHC

R.T.: 3.281 min
Delta R.T.: 0.000 min
Response: 229875064
Conc: 57.61 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 192928140
Conc: 59.19 ng/ml

Instrument :

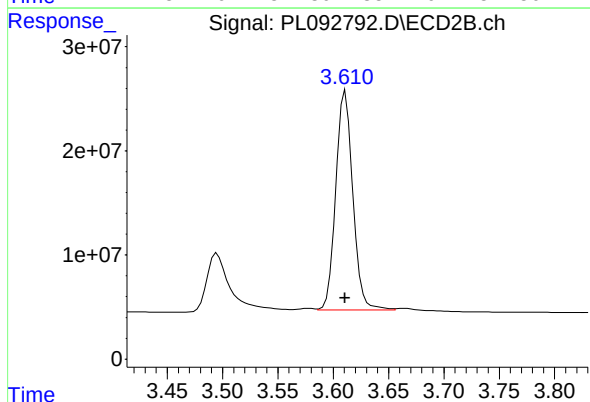
ECD_L

ClientSampleId :

CONCRETE-PILEMSD

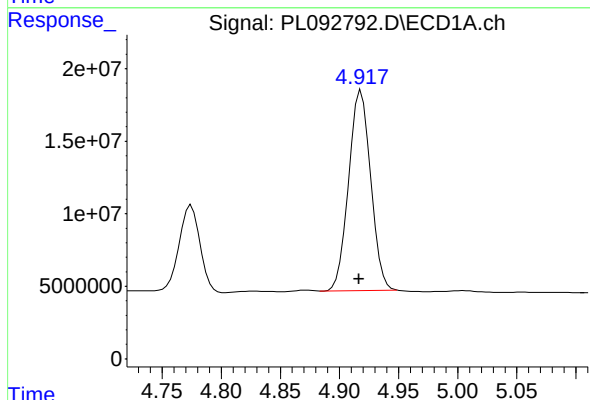
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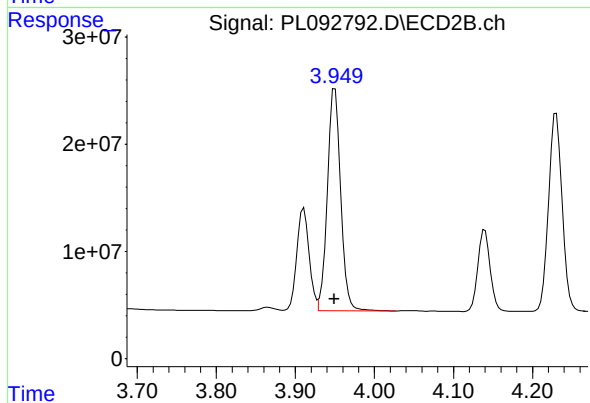
#3 gamma-BHC (Lindane)

R.T.: 3.610 min
Delta R.T.: -0.001 min
Response: 225690889
Conc: 58.48 ng/ml m



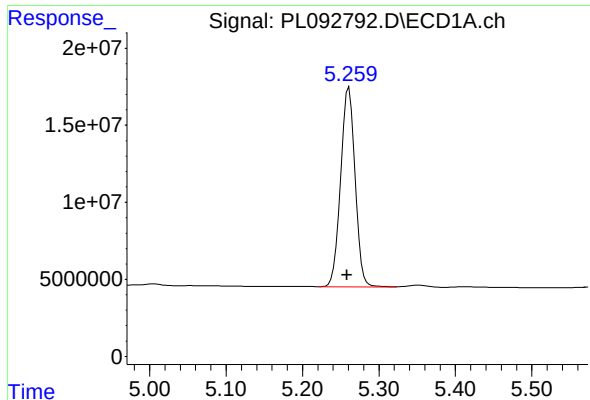
#4 Heptachlor

R.T.: 4.918 min
Delta R.T.: 0.002 min
Response: 178962542
Conc: 59.59 ng/ml



#4 Heptachlor

R.T.: 3.950 min
Delta R.T.: 0.000 min
Response: 242983475
Conc: 64.38 ng/ml



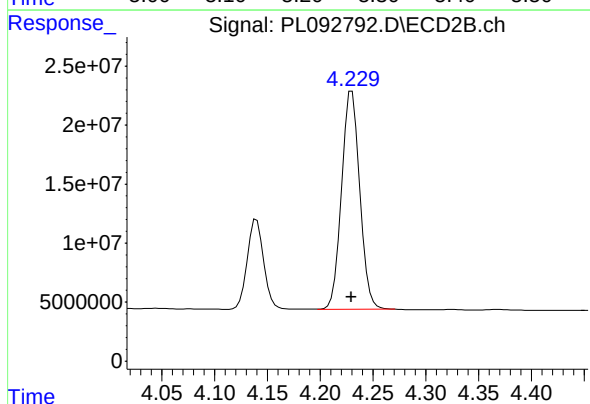
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: 0.003 min
Response: 170121960
Conc: 56.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
CONCRETE-PILEMSD

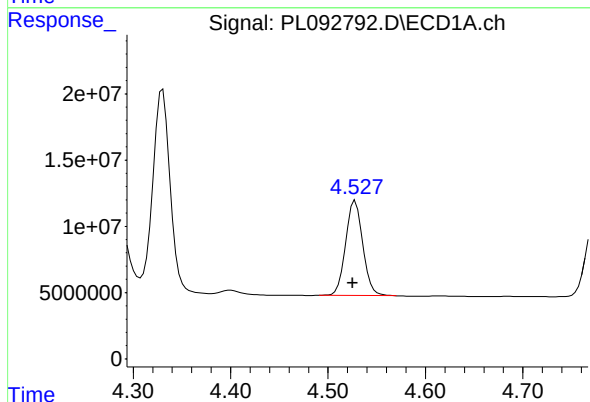
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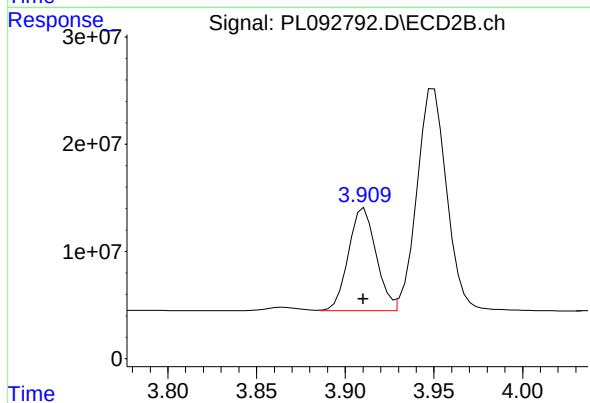
#5 Aldrin

R.T.: 4.230 min
Delta R.T.: 0.000 min
Response: 221412107
Conc: 60.49 ng/ml



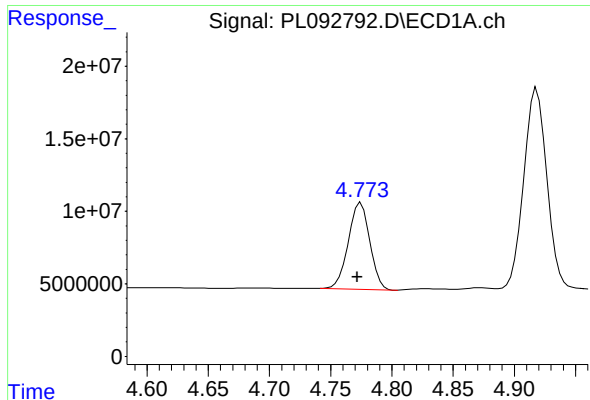
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.003 min
Response: 87521323
Conc: 60.55 ng/ml



#6 beta-BHC

R.T.: 3.911 min
Delta R.T.: 0.000 min
Response: 104390220
Conc: 63.41 ng/ml



#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: 0.003 min
Response: 72879385
Conc: 23.29 ng/ml

Instrument :

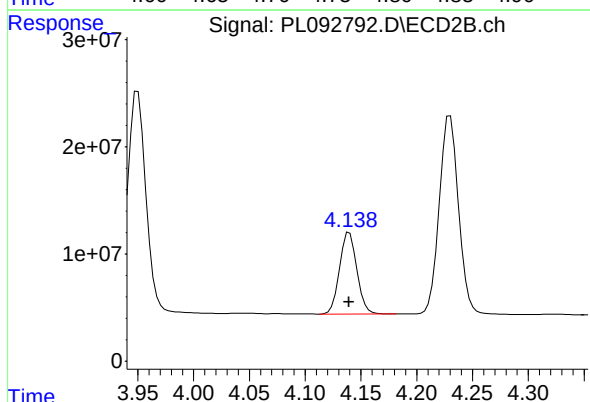
ECD_L

ClientSampleId :

CONCRETE-PILEMSD

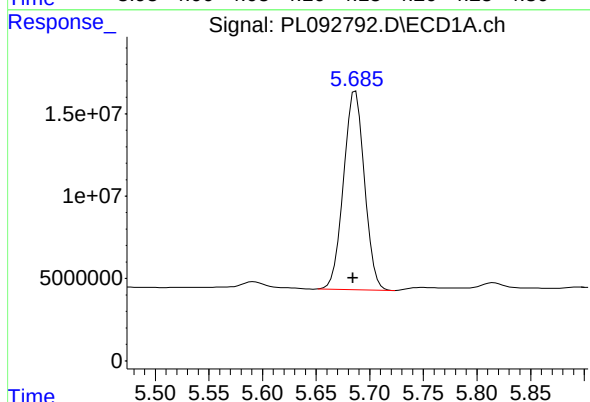
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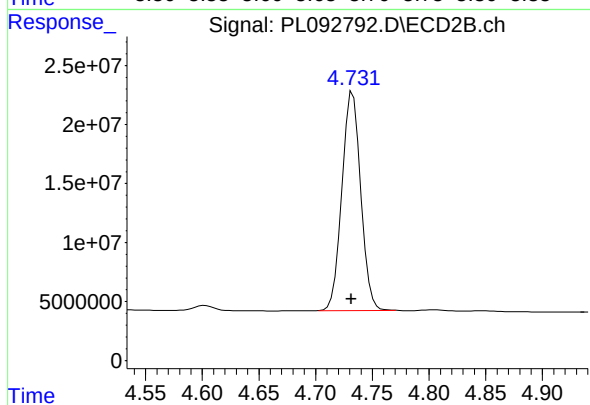
#7 delta-BHC

R.T.: 4.140 min
Delta R.T.: 0.000 min
Response: 82367373
Conc: 21.43 ng/ml



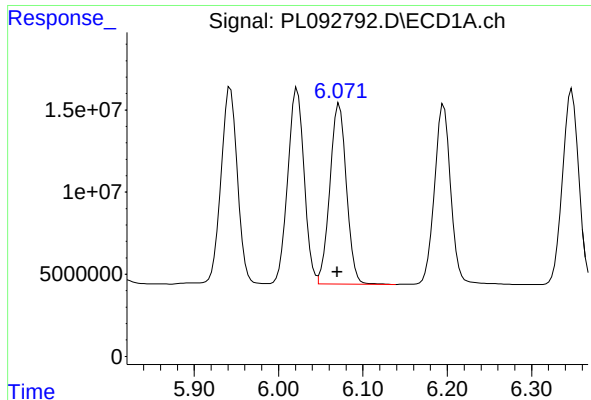
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: 0.002 min
Response: 163864236
Conc: 59.34 ng/ml



#8 Heptachlor epoxide

R.T.: 4.733 min
Delta R.T.: 0.001 min
Response: 213493886
Conc: 63.89 ng/ml



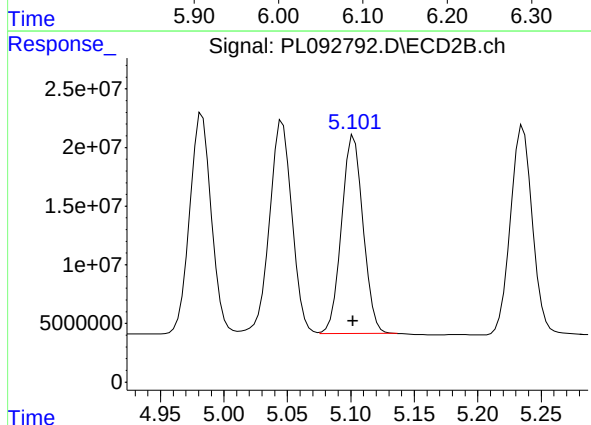
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.002 min
Response: 149875281
Conc: 59.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
CONCRETE-PILEMSD

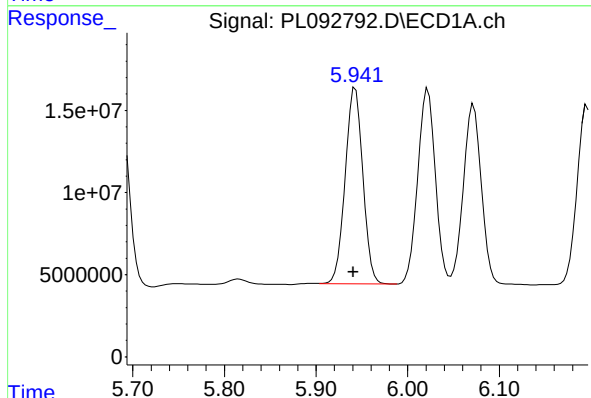
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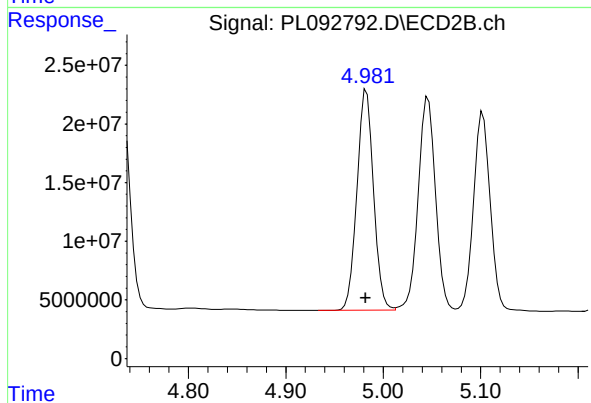
#9 Endosulfan I

R.T.: 5.102 min
Delta R.T.: 0.000 min
Response: 198751000
Conc: 65.10 ng/ml



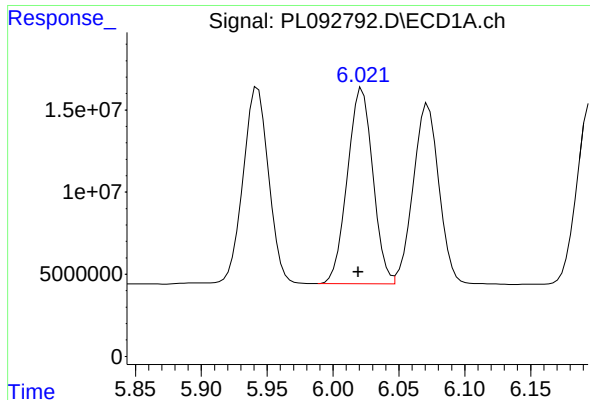
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: 0.002 min
Response: 160443417
Conc: 60.30 ng/ml



#10 gamma-Chlordane

R.T.: 4.983 min
Delta R.T.: 0.000 min
Response: 223056836
Conc: 66.35 ng/ml



#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: 0.003 min
Response: 160117954
Conc: 60.46 ng/ml

Instrument :

ECD_L

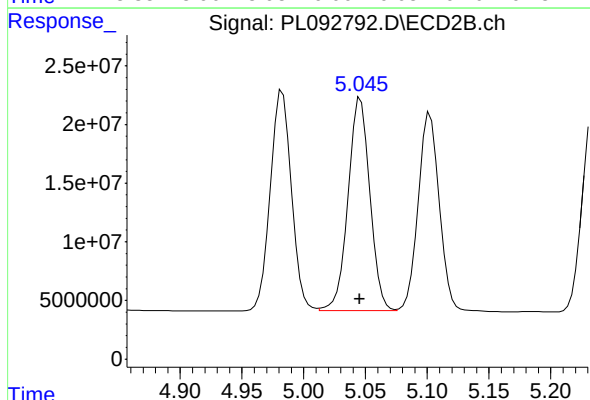
ClientSampleId :

CONCRETE-PILEMSD

Manual Integrations

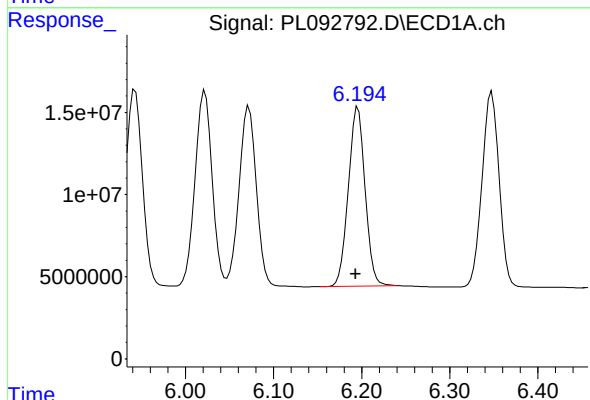
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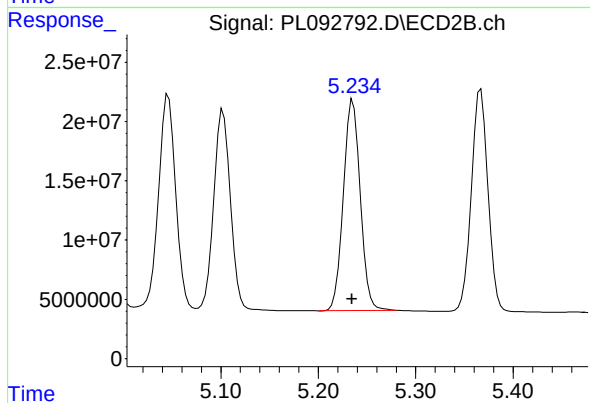
#11 alpha-Chlordane

R.T.: 5.046 min
Delta R.T.: 0.000 min
Response: 223597775
Conc: 67.23 ng/ml



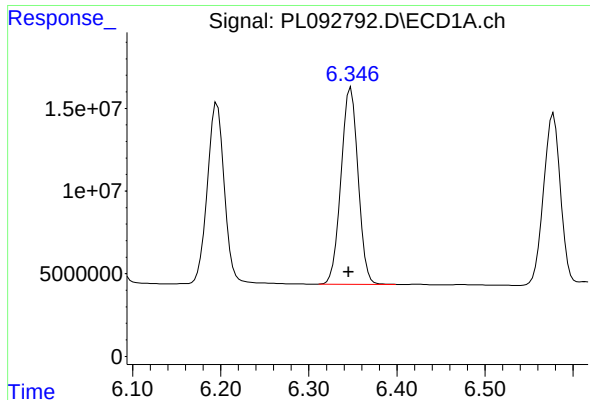
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.003 min
Response: 144464826
Conc: 60.98 ng/ml



#12 4,4'-DDE

R.T.: 5.236 min
Delta R.T.: 0.001 min
Response: 214461387
Conc: 66.57 ng/ml



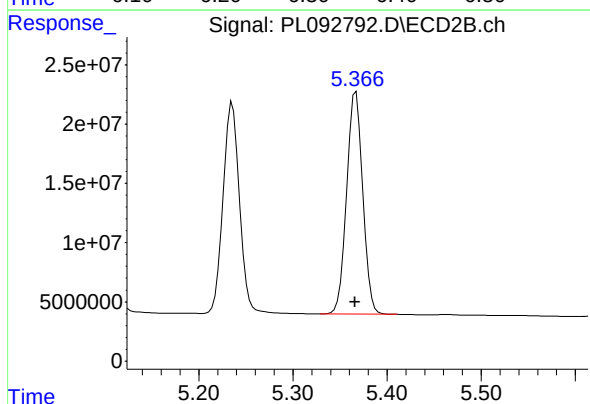
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.002 min
Response: 160032525
Conc: 60.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
CONCRETE-PILEMSD

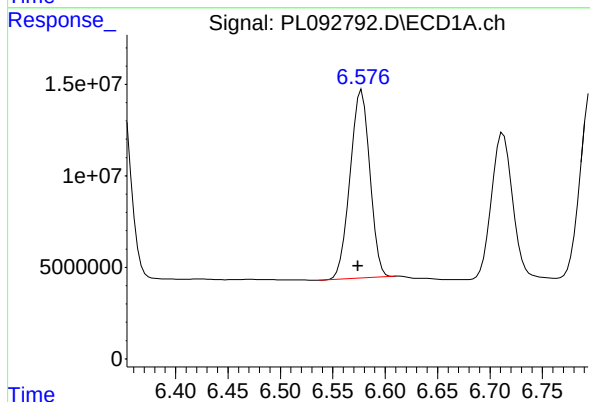
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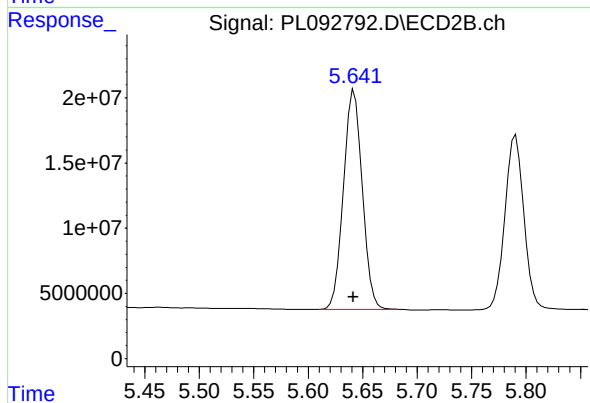
#13 Dieldrin

R.T.: 5.367 min
Delta R.T.: 0.001 min
Response: 222802720
Conc: 66.70 ng/ml



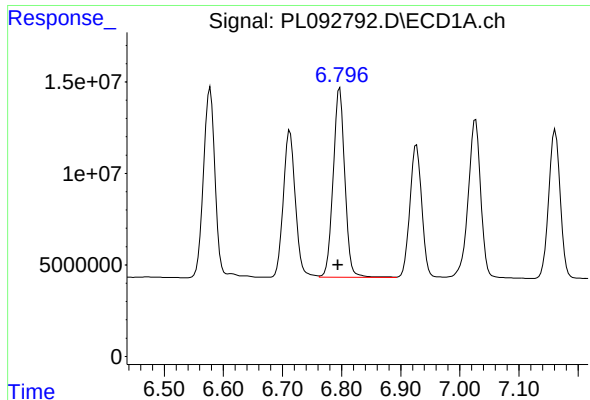
#14 Endrin

R.T.: 6.578 min
Delta R.T.: 0.003 min
Response: 135584279
Conc: 59.55 ng/ml



#14 Endrin

R.T.: 5.642 min
Delta R.T.: 0.000 min
Response: 201760016
Conc: 69.74 ng/ml



#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: 0.003 min
Response: 141811146
Conc: 59.49 ng/ml

Instrument :

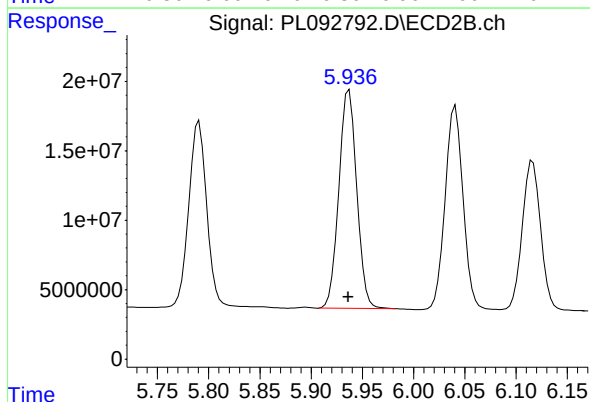
ECD_L

ClientSampleId :

CONCRETE-PILEMSD

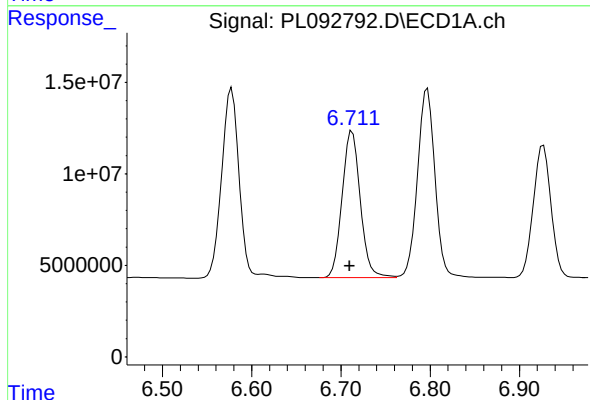
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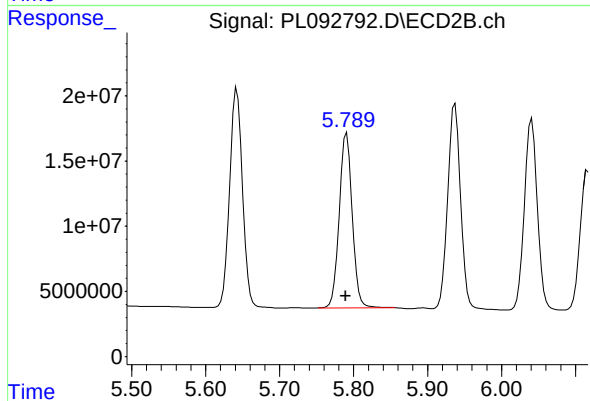
#15 Endosulfan II

R.T.: 5.937 min
Delta R.T.: 0.001 min
Response: 190177582
Conc: 67.12 ng/ml



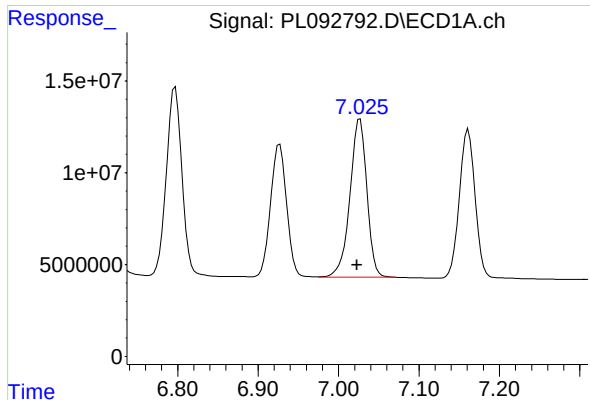
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: 0.003 min
Response: 113742240
Conc: 59.26 ng/ml



#16 4,4'-DDD

R.T.: 5.791 min
Delta R.T.: 0.001 min
Response: 163342703
Conc: 65.60 ng/ml



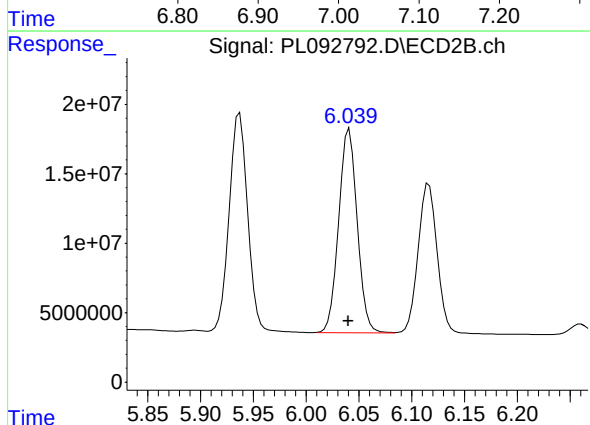
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.004 min
Response: 126135400
Conc: 60.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
CONCRETE-PILEMSD

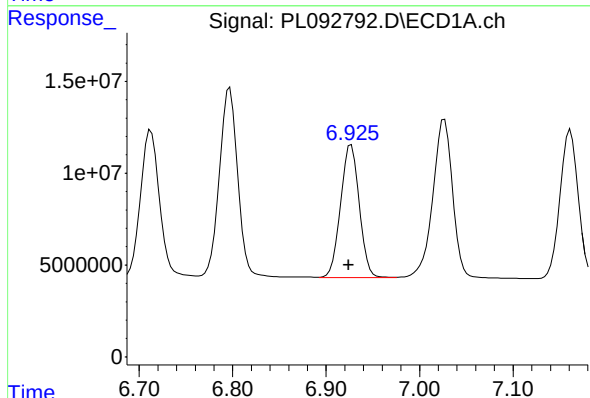
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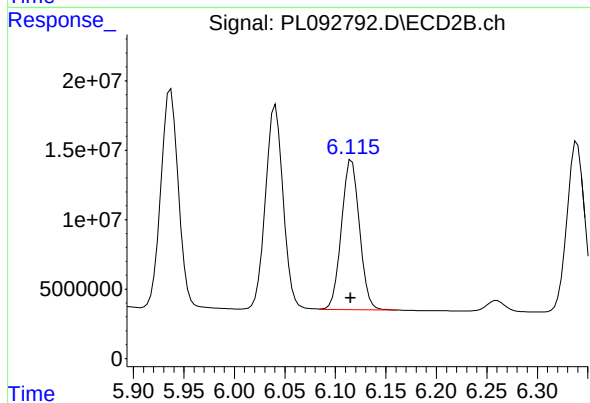
#17 4,4'-DDT

R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 179189848
Conc: 66.81 ng/ml



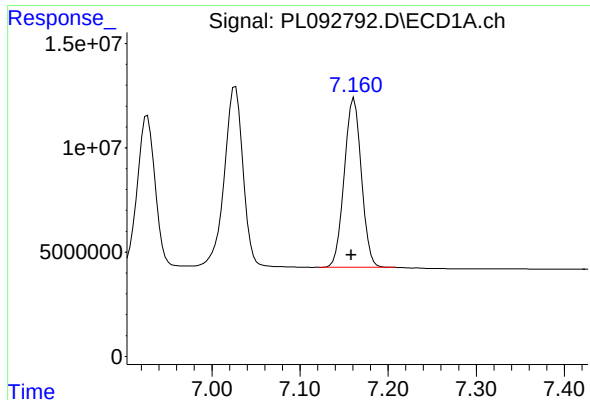
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: 0.003 min
Response: 100441283
Conc: 53.48 ng/ml



#18 Endrin aldehyde

R.T.: 6.116 min
Delta R.T.: 0.001 min
Response: 134490844
Conc: 58.29 ng/ml



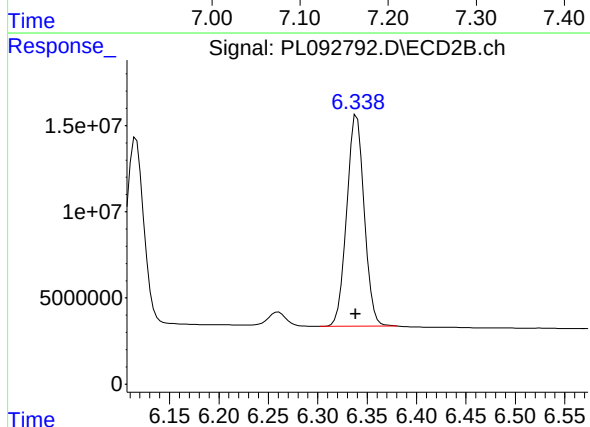
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: 0.003 min
Response: 109797027
Conc: 50.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
CONCRETE-PILEMSD

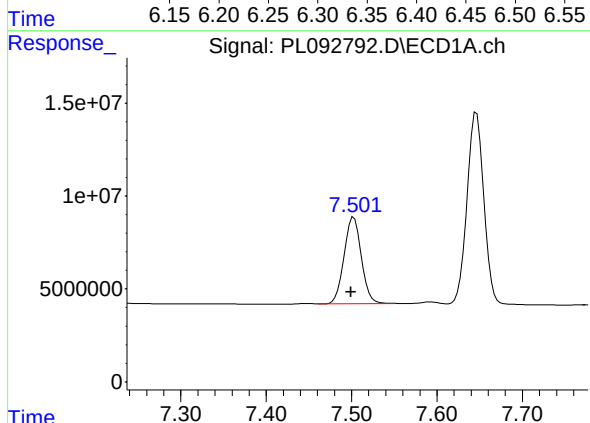
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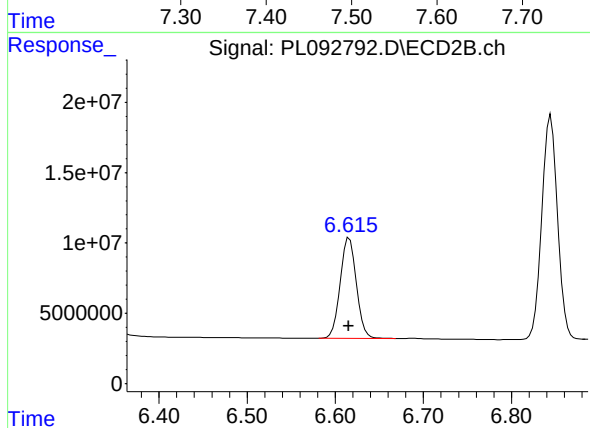
#19 Endosulfan Sulfate

R.T.: 6.340 min
Delta R.T.: 0.001 min
Response: 150716883
Conc: 55.89 ng/ml



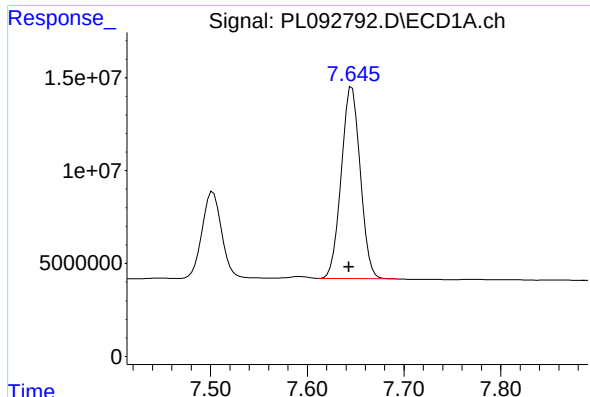
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.003 min
Response: 65224890
Conc: 57.21 ng/ml



#20 Methoxychlor

R.T.: 6.616 min
Delta R.T.: 0.000 min
Response: 91342736
Conc: 63.96 ng/ml



#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: 0.003 min
Response: 140612117
Conc: 58.04 ng/ml

Instrument :

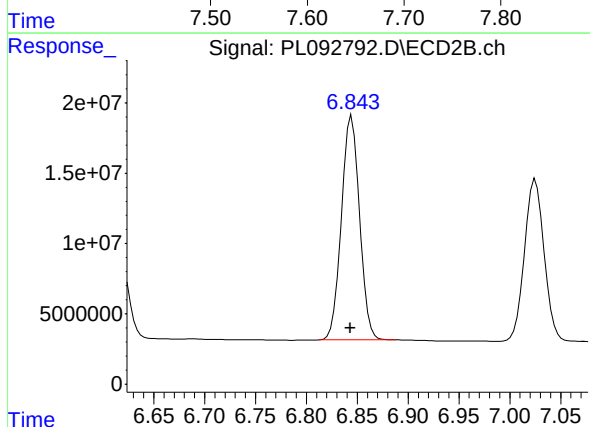
ECD_L

ClientSampleId :

CONCRETE-PILEMSD

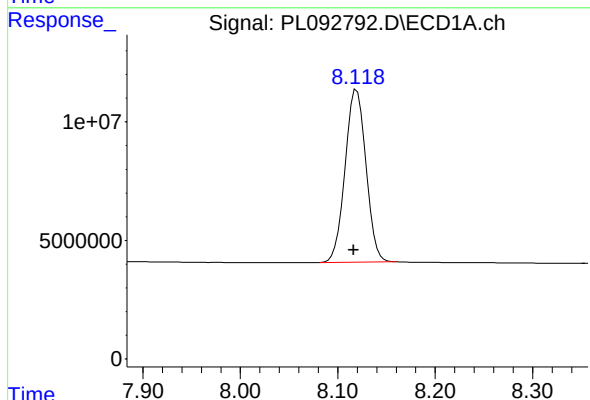
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/04/2024
Supervised By :Ankita Jodhani 11/04/2024



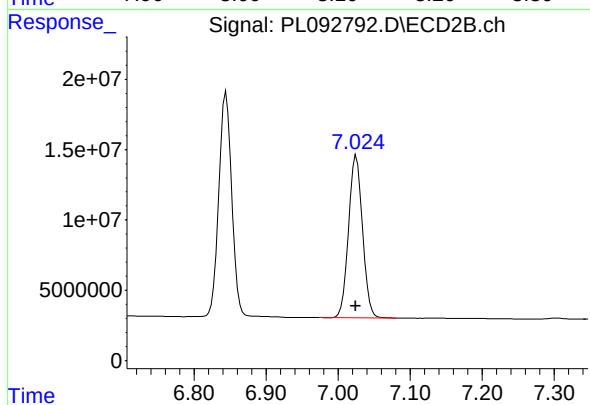
#21 Endrin ketone

R.T.: 6.845 min
Delta R.T.: 0.001 min
Response: 197608503
Conc: 64.39 ng/ml



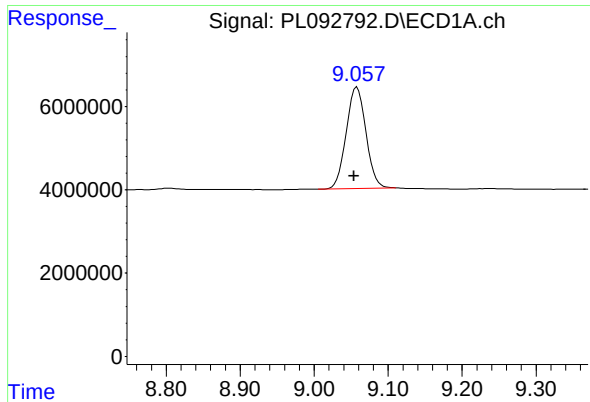
#22 Mirex

R.T.: 8.119 min
Delta R.T.: 0.003 min
Response: 108552986
Conc: 54.78 ng/ml



#22 Mirex

R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 155187722
Conc: 59.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: 0.004 min
Response: 45186281
Conc: 23.48 ng/ml

Instrument :

ECD_L

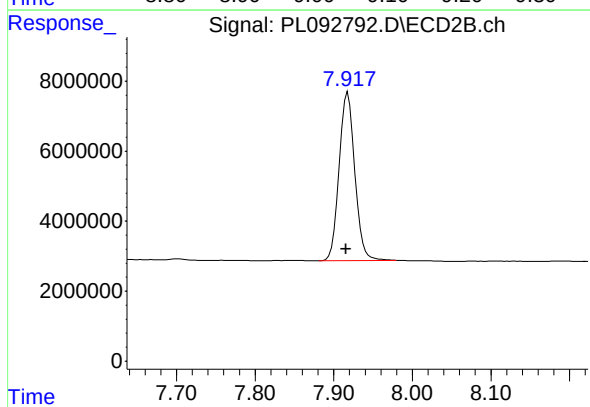
ClientSampleId :

CONCRETE-PILEMSD

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.918 min
Delta R.T.: 0.002 min
Response: 66628348
Conc: 24.41 ng/ml