

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101524\
 Data File : PL092390.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2024 19:54
 Operator : AR\AJ
 Sample : P4403-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 Hawthorne TP SoilMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/16/2024
 Supervised By :Ankita Jodhani 10/16/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 03:47:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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...	3.540	2.780	47123046	50916964	21.182m	20.301
28)	SA Decachlor...	9.060	7.921	31654190	39276566	19.322	15.698
Target Compounds							
2)	A alpha-BHC	3.998	3.283	153.3E6	187.9E6	49.503	51.584
3)	MA gamma-BHC...	4.331	3.614	145.5E6	178.2E6	46.942	50.456
4)	MA Heptachlor	4.919	3.953	138.3E6	180.8E6	50.022	52.401
5)	MB Aldrin	5.262	4.233	131.0E6	168.7E6	47.158	49.603
6)	B beta-BHC	4.528	3.913	66056955	78881648	49.803	52.479
7)	B delta-BHC	4.775	4.143	133.7E6	168.5E6	46.356	48.541
8)	B Heptachlo...	5.688	4.736	123.1E6	152.8E6	48.372	50.563
9)	A Endosulfan I	6.074	5.106	113.0E6	143.7E6	48.831	52.339
10)	B gamma-Chl...	5.944	4.986	124.3E6	165.8E6	50.313	55.098
11)	B alpha-Chl...	6.023	5.049	123.2E6	160.0E6	50.003	53.456
12)	B 4,4'-DDE	6.196	5.239	106.7E6	150.3E6	49.285	54.087
13)	MA Dieldrin	6.348	5.370	119.4E6	154.6E6	48.972	52.736
14)	MA Endrin	6.579	5.644	98614503	134.4E6	47.855	51.250m
15)	B Endosulfa...	6.798	5.940	102.3E6	126.6E6	46.489	50.573
16)	A 4,4'-DDD	6.712	5.793	89235039	112.2E6	49.693m	52.534
17)	MA 4,4'-DDT	7.027	6.044	93239658	120.5E6	50.641	52.092
18)	B Endrin al...	6.928	6.120	80321071	92801633	46.088	45.475
19)	B Endosulfa...	7.163	6.342	95390068	118.5E6	48.121	49.116
20)	A Methoxychlor	7.503	6.619	48903619	60043541	49.815	48.021
21)	B Endrin ke...	7.647	6.848	103.3E6	132.0E6	47.002	47.663
22)	Mirex	8.121	7.029	80777364	104.1E6	44.852	42.813

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101524\
Data File : PL092390.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2024 19:54
Operator : AR\AJ
Sample : P4403-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

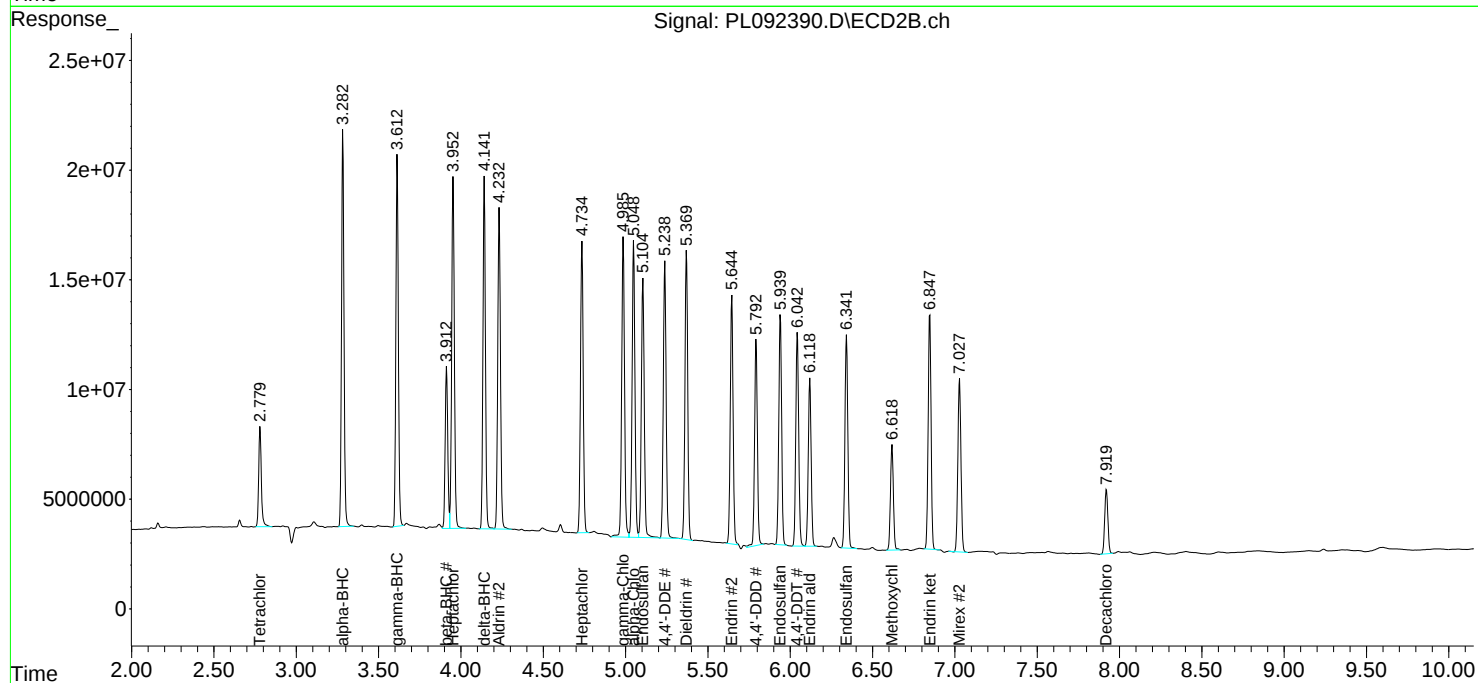
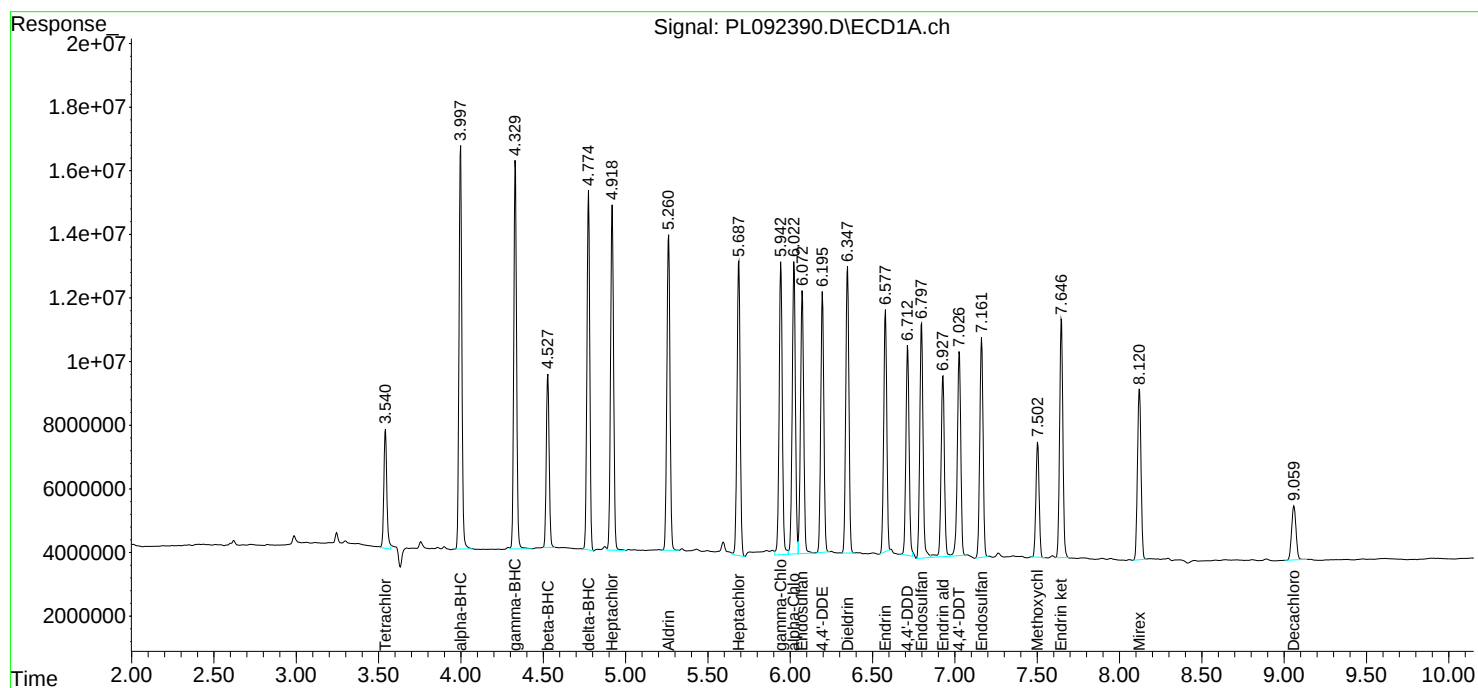
Instrument :
ECD_L
ClientSampleId :
Hawthorne TP SoilMSD

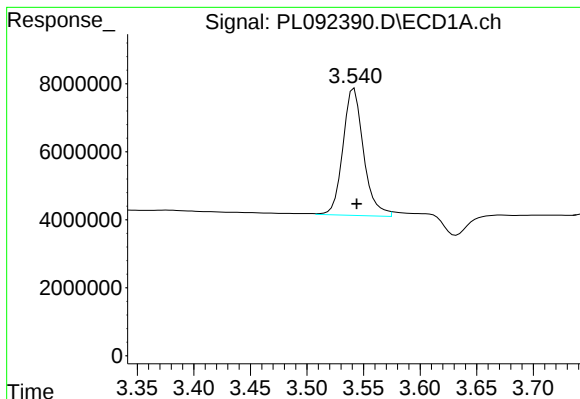
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 03:47:49 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 2024
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Volume Inj. : 1 µl
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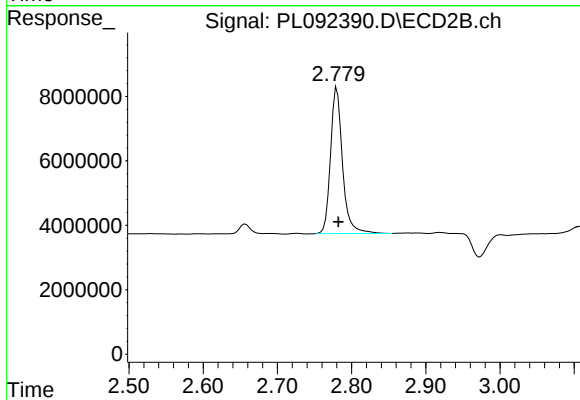
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 47123046
Conc: 21.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
Hawthorne TP SoilMSD

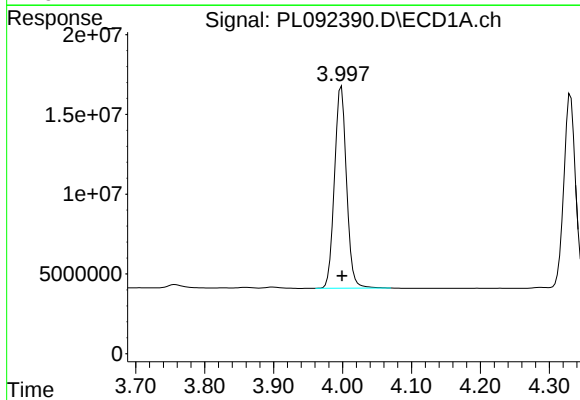
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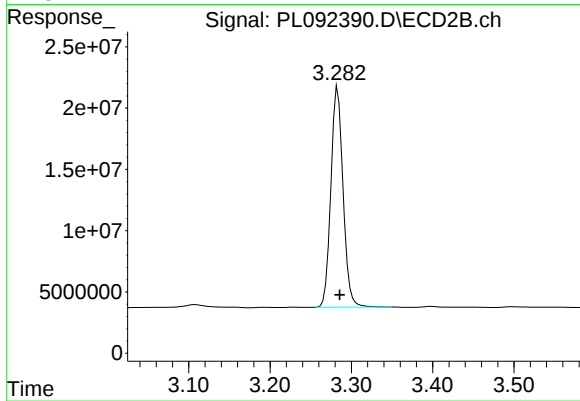
#1 Tetrachloro-m-xylene

R.T.: 2.780 min
Delta R.T.: -0.002 min
Response: 50916964
Conc: 20.30 ng/ml



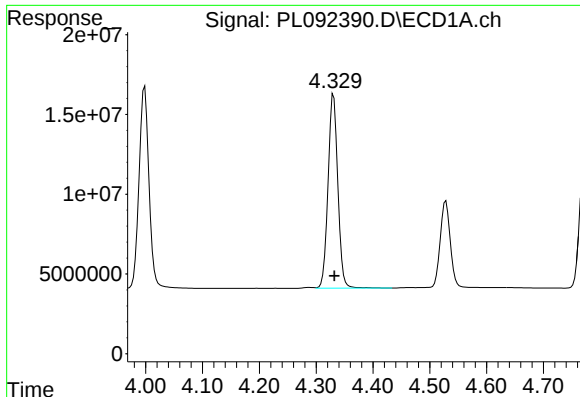
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.000 min
Response: 153287983
Conc: 49.50 ng/ml



#2 alpha-BHC

R.T.: 3.283 min
Delta R.T.: -0.002 min
Response: 187936209
Conc: 51.58 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: -0.001 min
Response: 145463193
Conc: 46.94 ng/ml

Instrument :

ECD_L

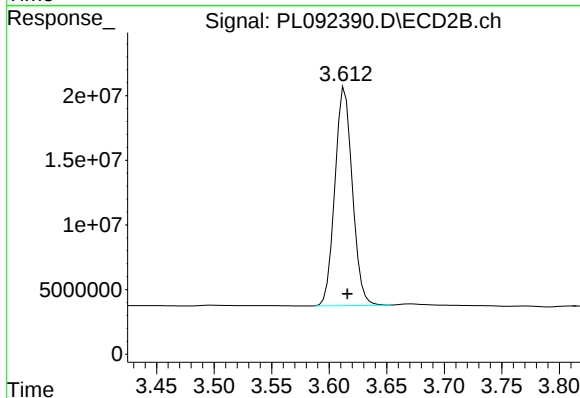
ClientSampleId :

Hawthorne TP SoilMSD

Manual Integrations

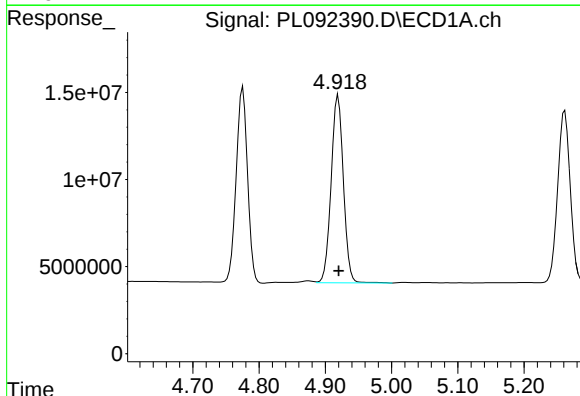
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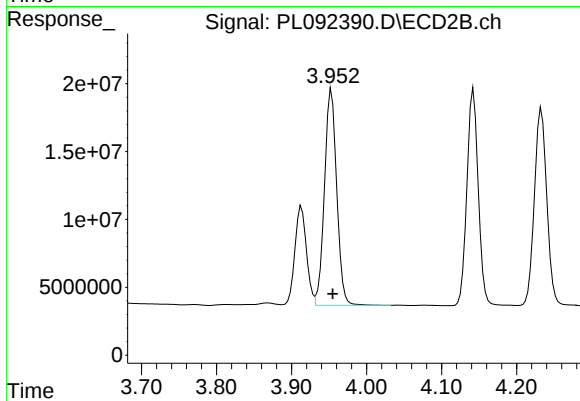
#3 gamma-BHC (Lindane)

R.T.: 3.614 min
Delta R.T.: -0.002 min
Response: 178157234
Conc: 50.46 ng/ml



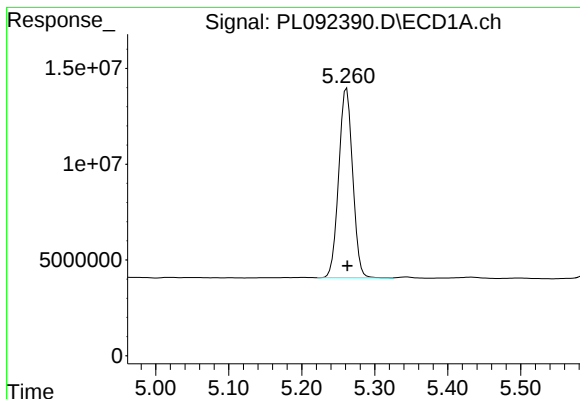
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: -0.001 min
Response: 138334778
Conc: 50.02 ng/ml



#4 Heptachlor

R.T.: 3.953 min
Delta R.T.: -0.002 min
Response: 180814973
Conc: 52.40 ng/ml



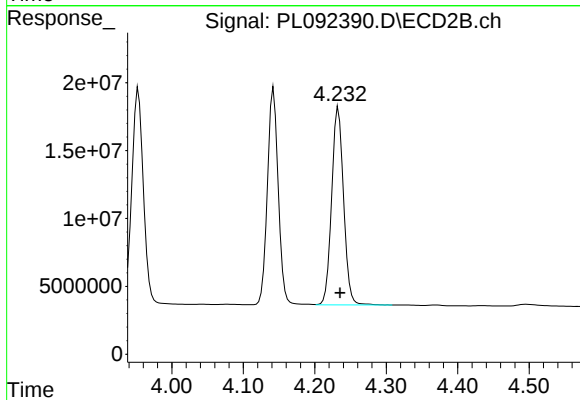
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: -0.001 min
Response: 130985468
Conc: 47.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
Hawthorne TP SoilMSD

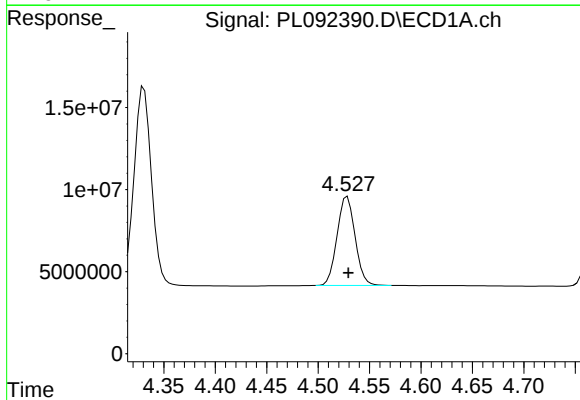
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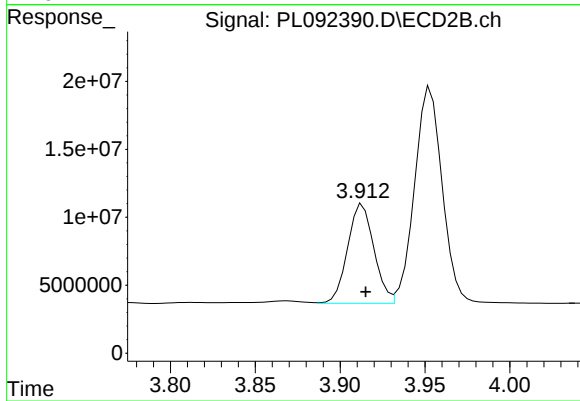
#5 Aldrin

R.T.: 4.233 min
Delta R.T.: -0.002 min
Response: 168703448
Conc: 49.60 ng/ml



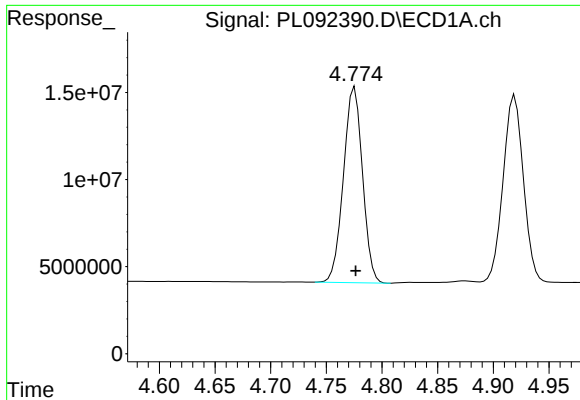
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 66056955
Conc: 49.80 ng/ml



#6 beta-BHC

R.T.: 3.913 min
Delta R.T.: -0.002 min
Response: 78881648
Conc: 52.48 ng/ml



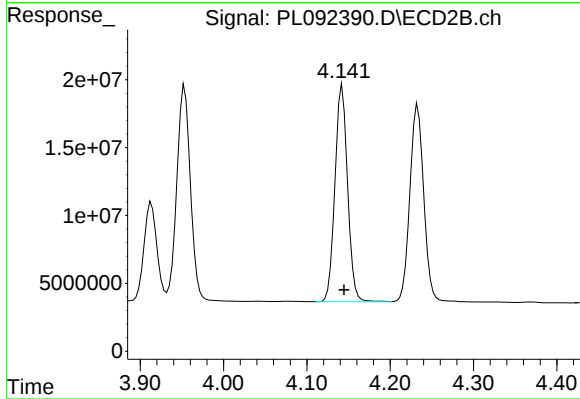
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: -0.001 min
Response: 133700031
Conc: 46.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
Hawthorne TP SoilMSD

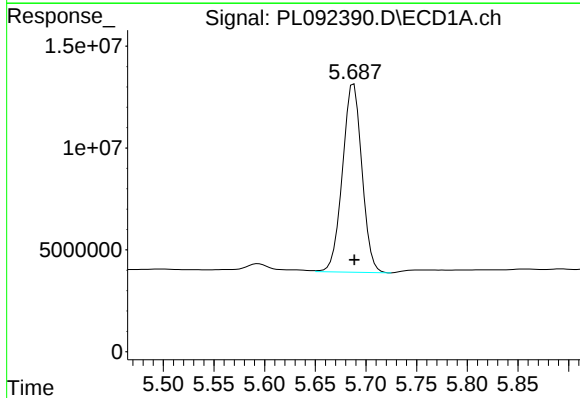
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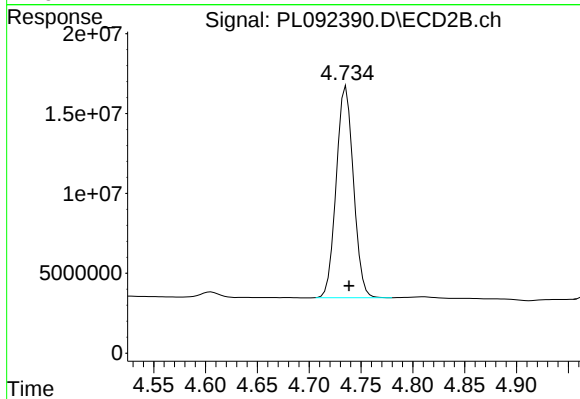
#7 delta-BHC

R.T.: 4.143 min
Delta R.T.: -0.002 min
Response: 168518595
Conc: 48.54 ng/ml



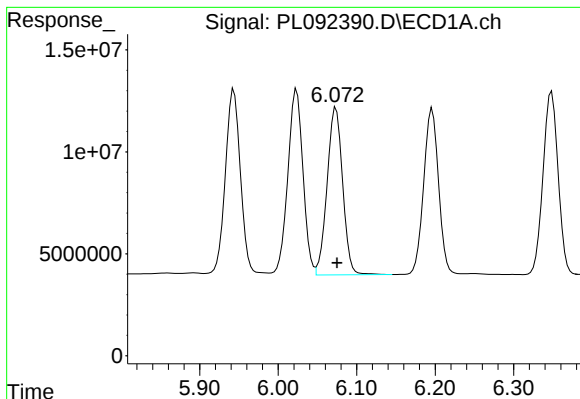
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 123106665
Conc: 48.37 ng/ml



#8 Heptachlor epoxide

R.T.: 4.736 min
Delta R.T.: -0.003 min
Response: 152846862
Conc: 50.56 ng/ml



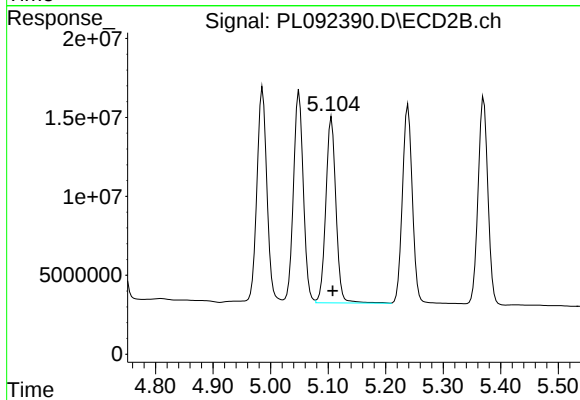
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: -0.001 min
Response: 112964745
Conc: 48.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
Hawthorne TP SoilMSD

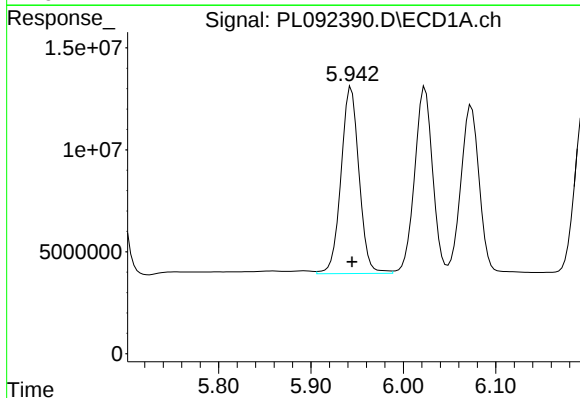
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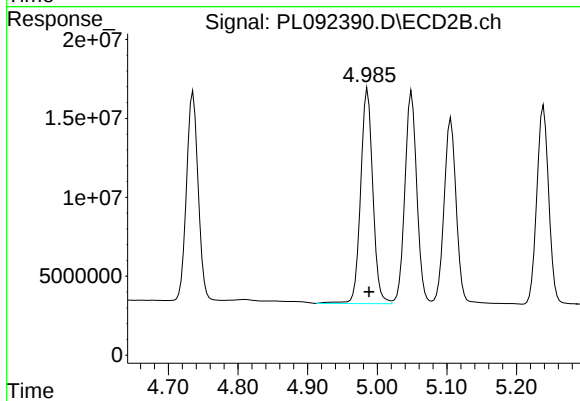
#9 Endosulfan I

R.T.: 5.106 min
Delta R.T.: -0.002 min
Response: 143651604
Conc: 52.34 ng/ml



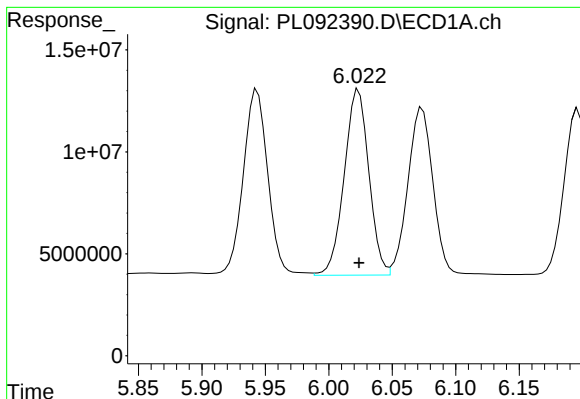
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: -0.001 min
Response: 124333823
Conc: 50.31 ng/ml



#10 gamma-Chlordane

R.T.: 4.986 min
Delta R.T.: -0.002 min
Response: 165765358
Conc: 55.10 ng/ml



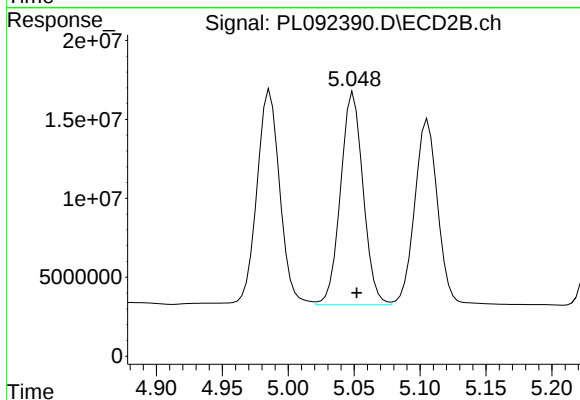
#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: 0.000 min
Response: 123173440
Conc: 50.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
Hawthorne TP SoilMSD

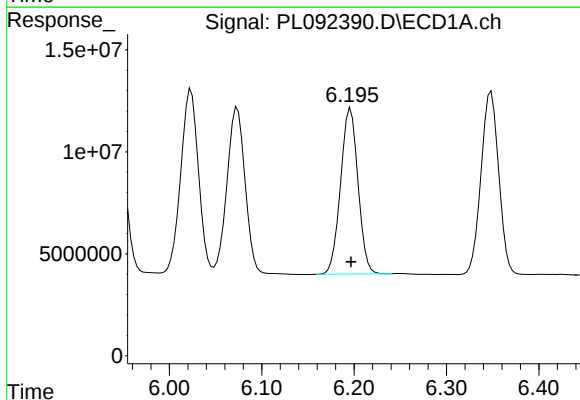
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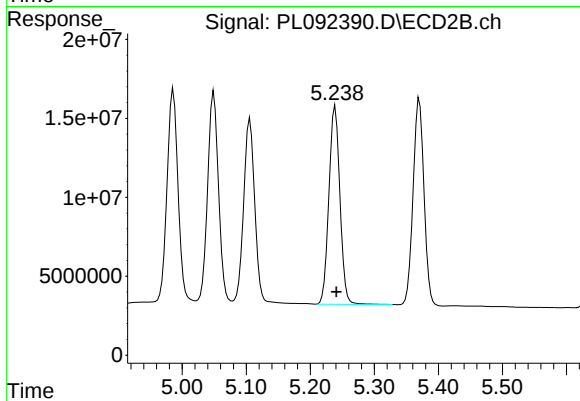
#11 alpha-Chlordane

R.T.: 5.049 min
Delta R.T.: -0.003 min
Response: 160023736
Conc: 53.46 ng/ml



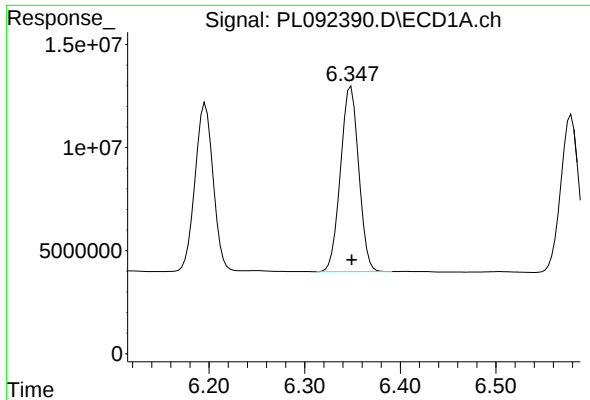
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 106674280
Conc: 49.29 ng/ml



#12 4,4'-DDE

R.T.: 5.239 min
Delta R.T.: -0.002 min
Response: 150299547
Conc: 54.09 ng/ml



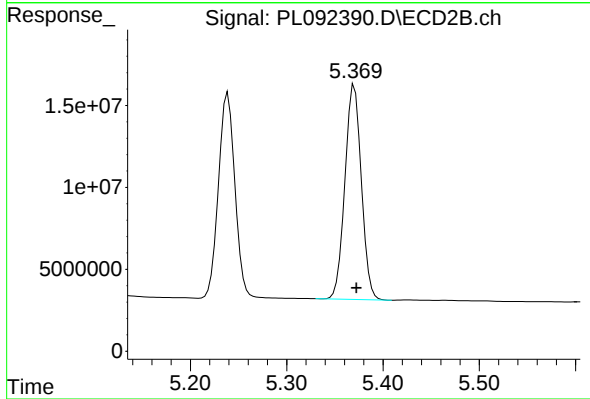
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 119436742
Conc: 48.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
Hawthorne TP SoilMSD

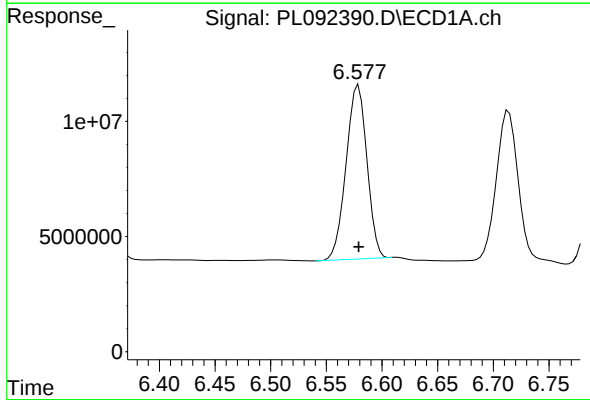
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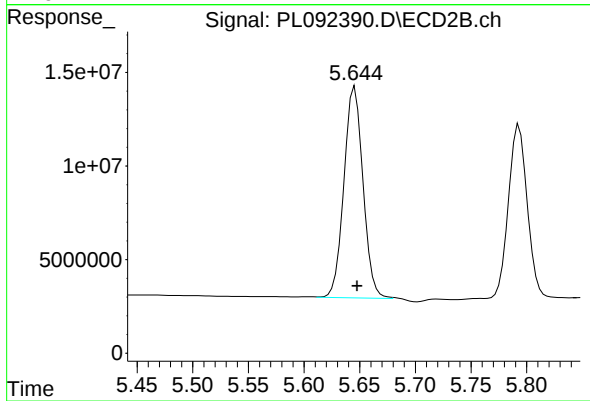
#13 Dieldrin

R.T.: 5.370 min
Delta R.T.: -0.002 min
Response: 154613795
Conc: 52.74 ng/ml



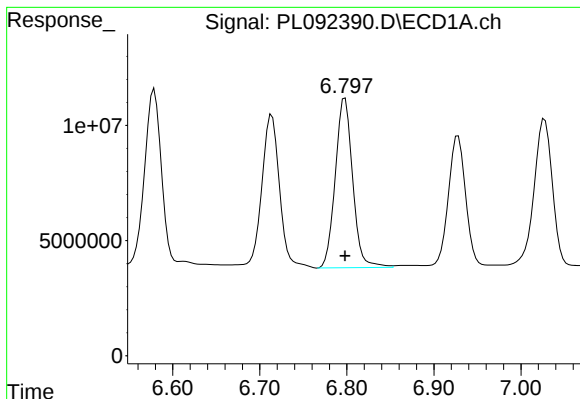
#14 Endrin

R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 98614503
Conc: 47.85 ng/ml



#14 Endrin

R.T.: 5.644 min
Delta R.T.: -0.003 min
Response: 134385848
Conc: 51.25 ng/ml m



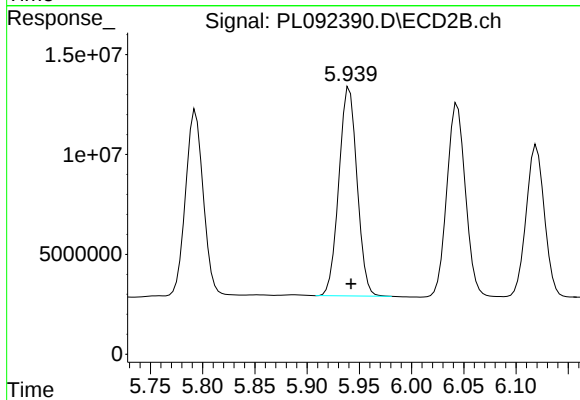
#15 Endosulfan II

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 102262476
Conc: 46.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
Hawthorne TP SoilMSD

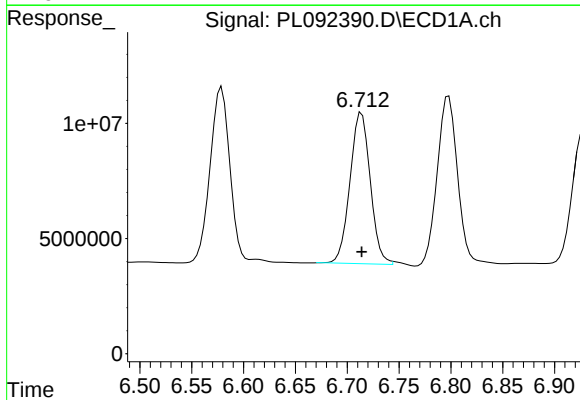
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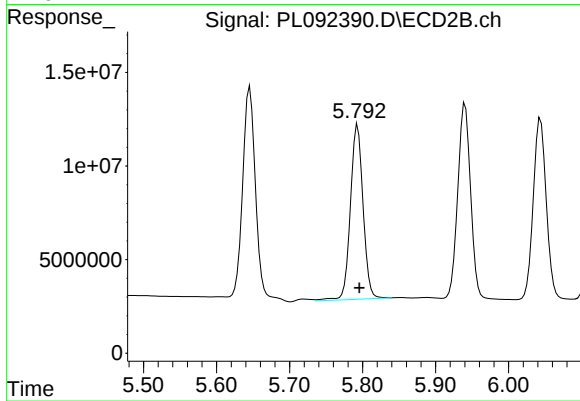
#15 Endosulfan II

R.T.: 5.940 min
Delta R.T.: -0.002 min
Response: 126553927
Conc: 50.57 ng/ml



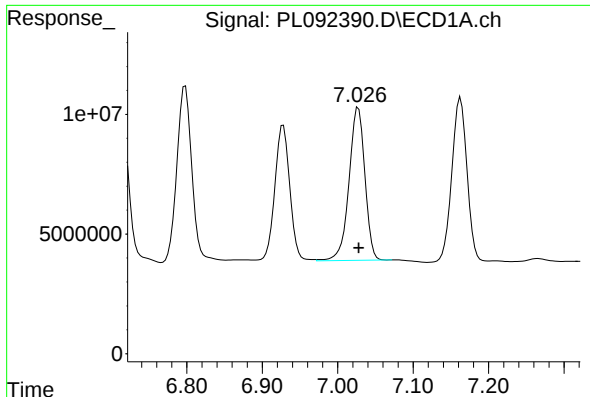
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: -0.002 min
Response: 89235039
Conc: 49.69 ng/ml m



#16 4,4'-DDD

R.T.: 5.793 min
Delta R.T.: -0.003 min
Response: 112223333
Conc: 52.53 ng/ml



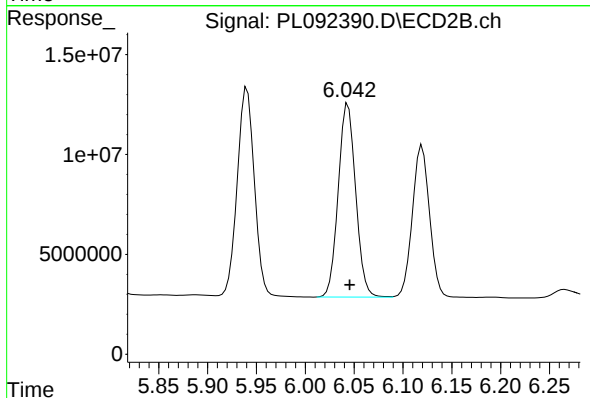
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.000 min
Response: 93239658
Conc: 50.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
Hawthorne TP SoilMSD

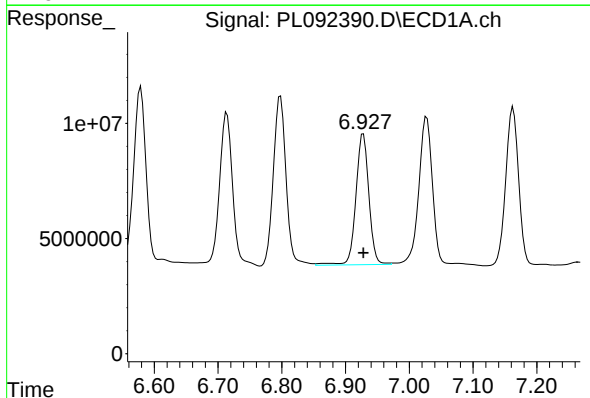
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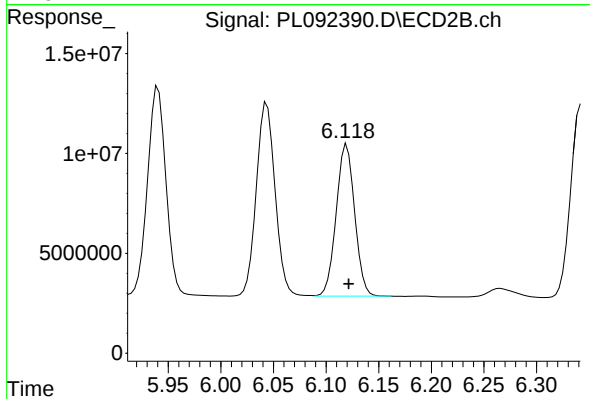
#17 4,4'-DDT

R.T.: 6.044 min
Delta R.T.: -0.002 min
Response: 120497561
Conc: 52.09 ng/ml



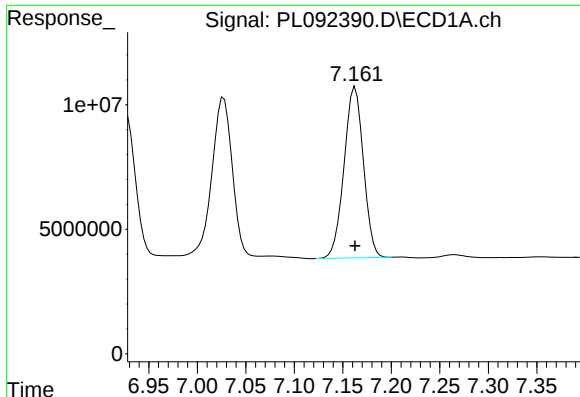
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.000 min
Response: 80321071
Conc: 46.09 ng/ml



#18 Endrin aldehyde

R.T.: 6.120 min
Delta R.T.: -0.002 min
Response: 92801633
Conc: 45.47 ng/ml



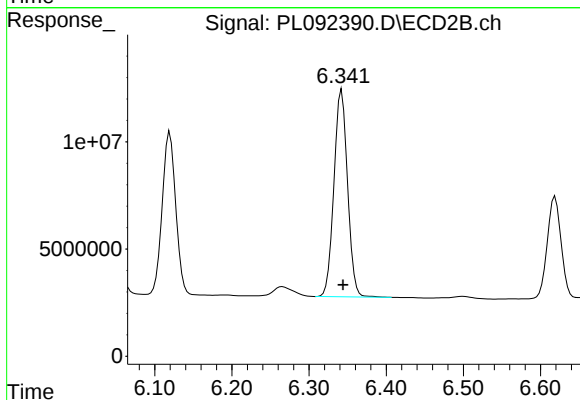
#19 Endosulfan Sulfate

R.T.: 7.163 min
Delta R.T.: 0.000 min
Response: 95390068
Conc: 48.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
Hawthorne TP SoilMSD

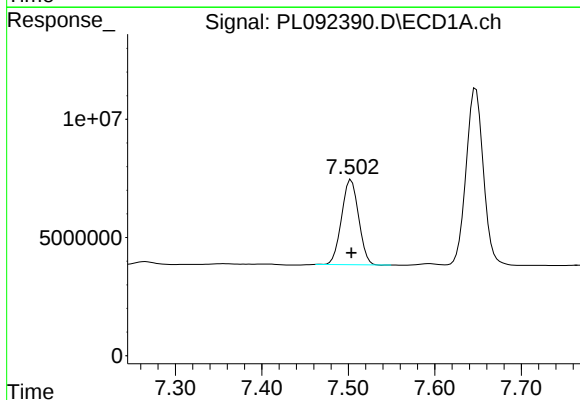
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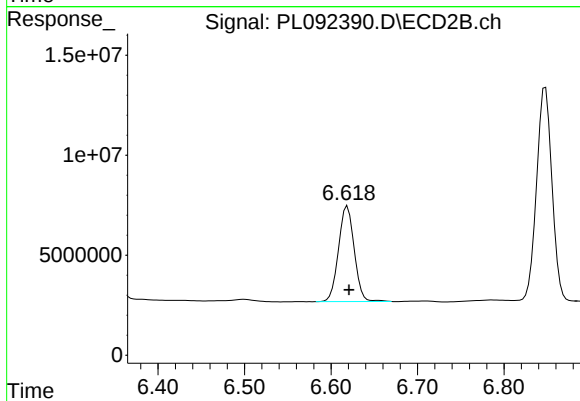
#19 Endosulfan Sulfate

R.T.: 6.342 min
Delta R.T.: -0.002 min
Response: 118493783
Conc: 49.12 ng/ml



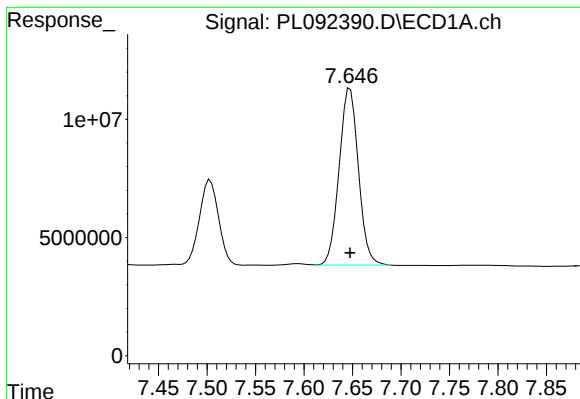
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 48903619
Conc: 49.81 ng/ml



#20 Methoxychlor

R.T.: 6.619 min
Delta R.T.: -0.002 min
Response: 60043541
Conc: 48.02 ng/ml



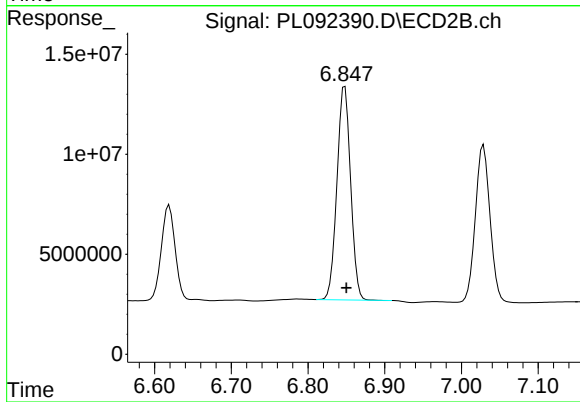
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: 0.000 min
Response: 103288790
Conc: 47.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
Hawthorne TP SoilMSD

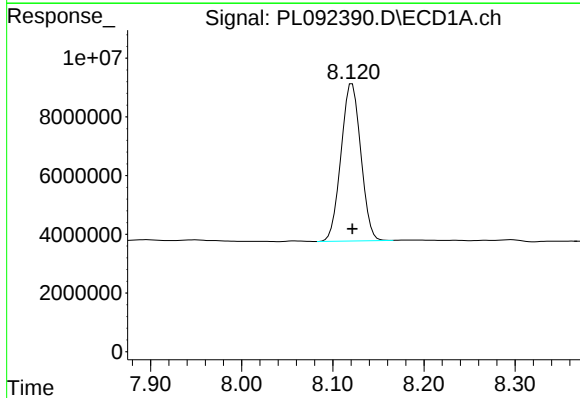
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/16/2024
Supervised By :Ankita Jodhani 10/16/2024



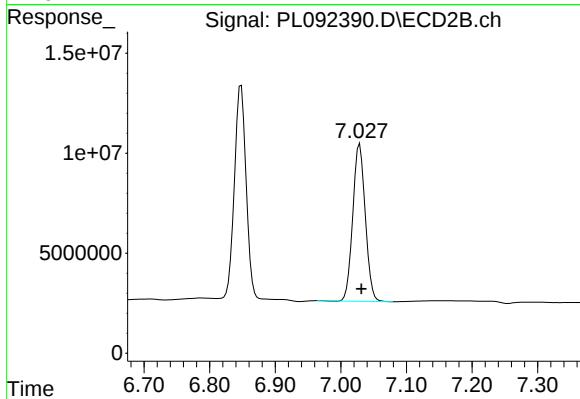
#21 Endrin ketone

R.T.: 6.848 min
Delta R.T.: -0.002 min
Response: 131975704
Conc: 47.66 ng/ml



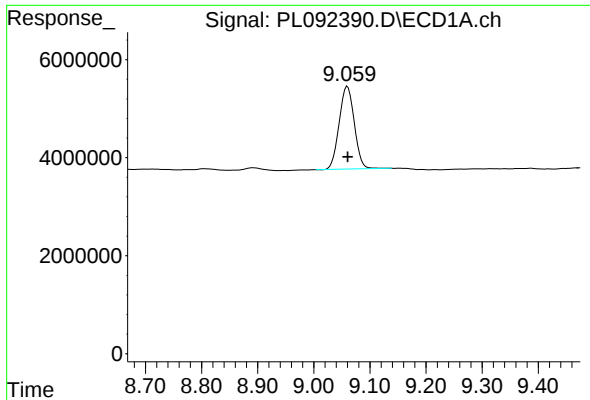
#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.000 min
Response: 80777364
Conc: 44.85 ng/ml



#22 Mirex

R.T.: 7.029 min
Delta R.T.: -0.003 min
Response: 104149996
Conc: 42.81 ng/ml



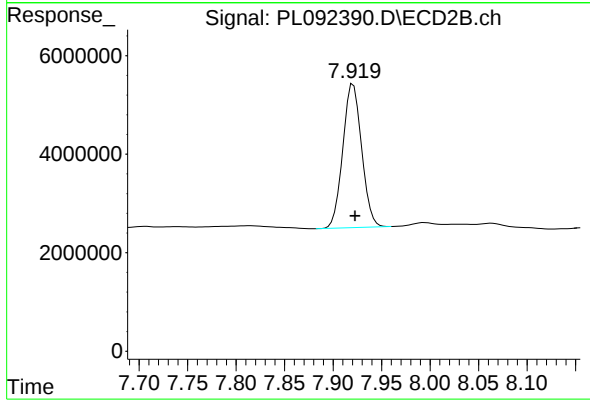
#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.000 min
Response: 31654190
Conc: 19.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
Hawthorne TP SoilMSD

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 10/16/2024



#28 Decachlorobiphenyl

R.T.: 7.921 min
Delta R.T.: -0.002 min
Response: 39276566
Conc: 15.70 ng/ml