

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061724\
 Data File : PL090203.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2024 18:19
 Operator : AR\AJ
 Sample : P2883-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 Soil/Gravel-SPMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/18/2024
 Supervised By :Ankita Jodhani 06/18/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 18 01:35:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052424.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 14:57:01 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...	3.548	2.791	36643671	23803811	17.502	16.602m
28)	SA Decachlor...	9.061	7.938	23776444	22559782	16.170	15.181
Target Compounds							
2)	A alpha-BHC	4.004	3.297	127.4E6	90100774	42.743	42.150
3)	MA gamma-BHC...	4.336	3.627	125.2E6	88655480	43.086	42.388
4)	MA Heptachlor	4.926	3.968	110.8E6	87131823	42.437	43.658
5)	MB Aldrin	5.268	4.249	115.7E6	93235277	43.536	46.659
6)	B beta-BHC	4.532	3.925	56542489	39333870	43.289	42.997
7)	B delta-BHC	4.779	4.155	104.3E6	76891855	37.844	38.151
8)	B Heptachlo...	5.693	4.750	116.6E6	79653436	46.822	43.403m
9)	A Endosulfan I	6.078	5.122	96187384	73851694	42.589	43.229
10)	B gamma-Chl...	5.948	5.000	107.2E6	82917419	44.346m	44.487m
11)	B alpha-Chl...	6.028	5.066	102.5E6	84182869	42.662	44.867
12)	B 4,4'-DDE	6.200	5.255	97067445	76263857	44.621	45.649
13)	MA Dieldrin	6.353	5.386	101.3E6	82860625	42.743	44.969m
14)	MA Endrin	6.583	5.660	88901971	69389977	44.219	42.363m
15)	B Endosulfa...	6.801	5.956	88678809	71729557	42.538	44.539
16)	A 4,4'-DDD	6.717	5.809	79699316	60908390	45.500	43.210
17)	MA 4,4'-DDT	7.031	6.060	80942222	64546370	43.964	42.504
18)	B Endrin al...	6.931	6.135	70998990	54997654	45.804	45.319
19)	B Endosulfa...	7.166	6.358	82155192	82348941	42.928	52.363
20)	A Methoxychlor	7.505	6.635	42627854	34740402	43.401	39.053
21)	B Endrin ke...	7.650	6.864	93158889	78043848	44.242	42.826
22)	Mirex	8.124	7.047	68312055	61624351	41.063	40.126

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061724\
Data File : PL090203.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2024 18:19
Operator : AR\AJ
Sample : P2883-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

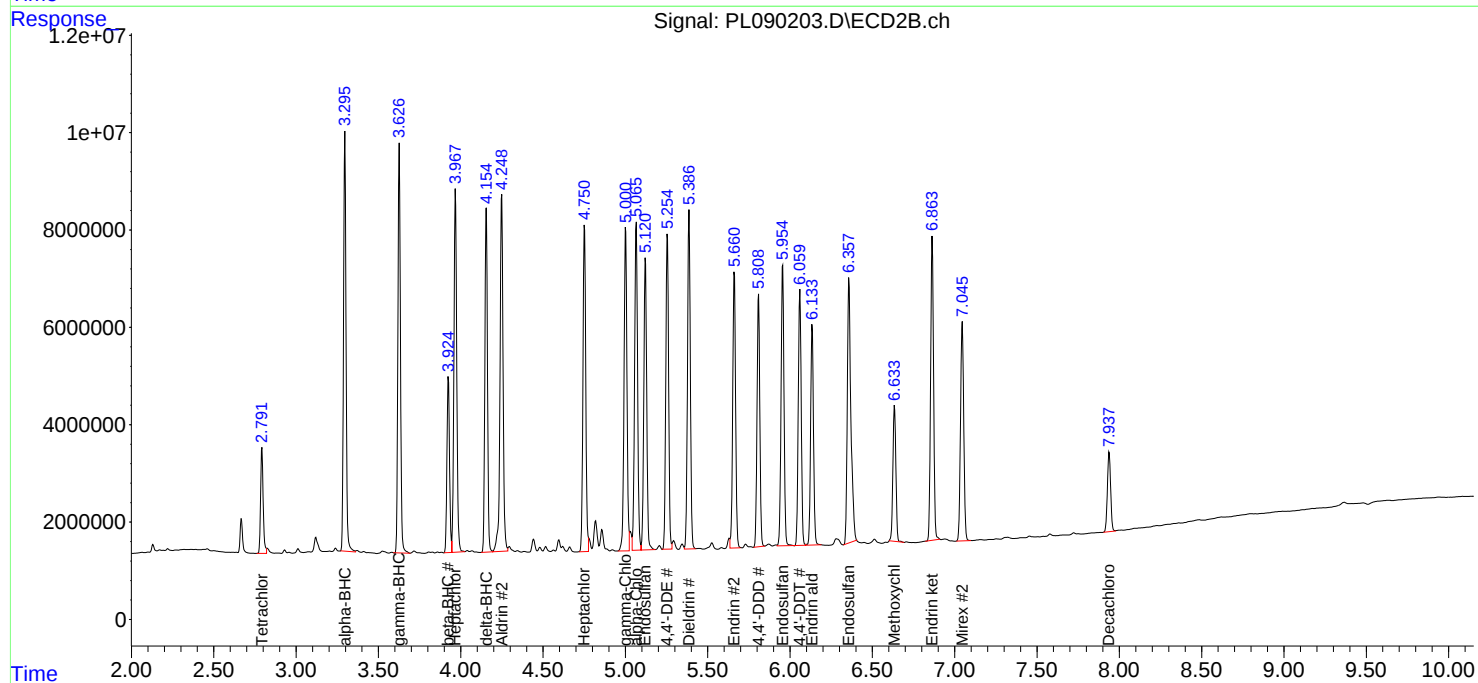
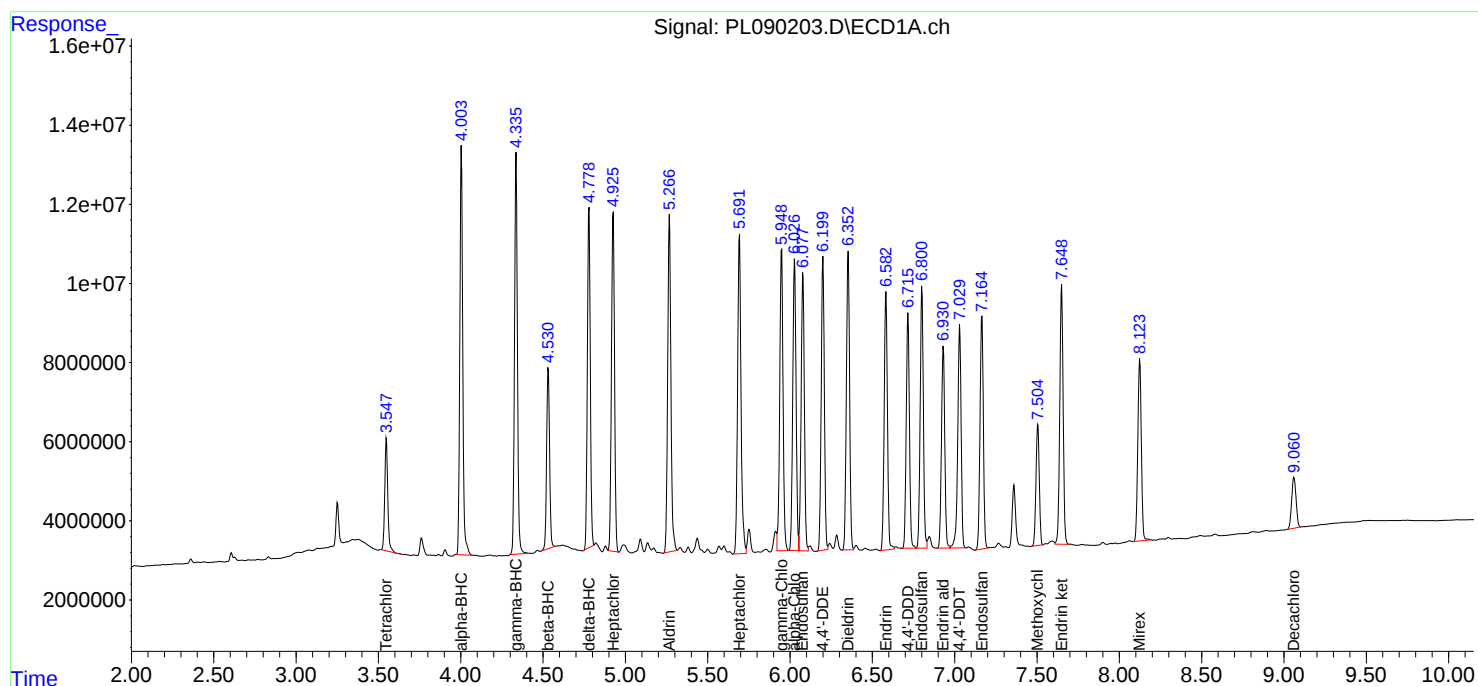
Instrument :
ECD_L
ClientSampleId :
Soil/Gravel-SPMS

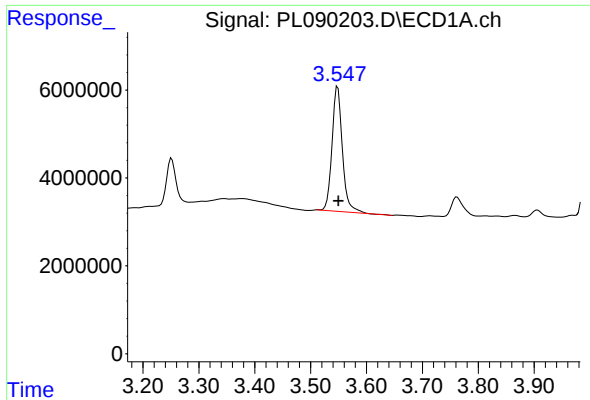
Manual Integrations
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Supervised By :Ankita Jodhani 06/18/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 01:35:05 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052424.M
Quant Title : GC Extractables
QLast Update : Fri May 24 14:57:01 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





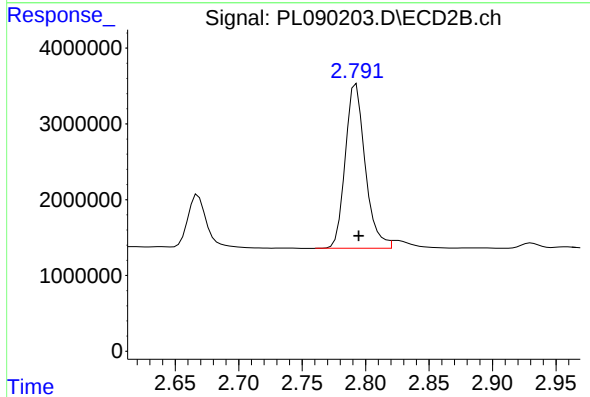
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: -0.002 min
Response: 36643671
Conc: 17.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
Soil/Gravel-SPMS

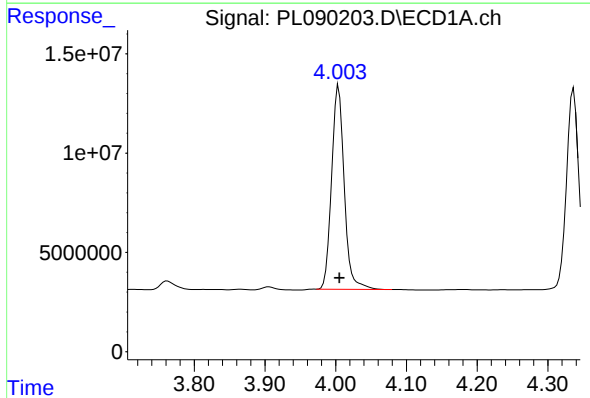
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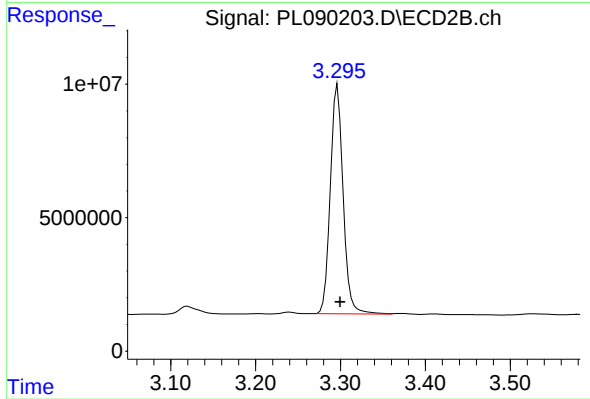
#1 Tetrachloro-m-xylene

R.T.: 2.791 min
Delta R.T.: -0.003 min
Response: 23803811
Conc: 16.60 ng/ml m



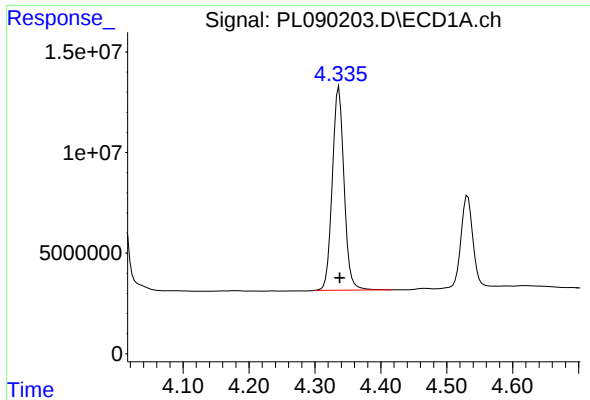
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 127436970
Conc: 42.74 ng/ml



#2 alpha-BHC

R.T.: 3.297 min
Delta R.T.: -0.003 min
Response: 90100774
Conc: 42.15 ng/ml



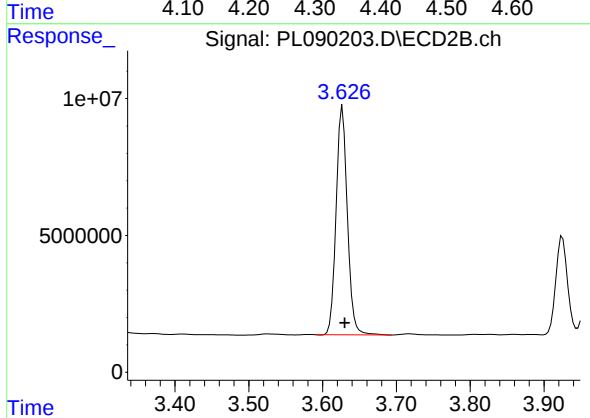
#3 gamma-BHC (Lindane)

R.T.: 4.336 min
Delta R.T.: -0.001 min
Response: 125217042
Conc: 43.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
Soil/Gravel-SPMS

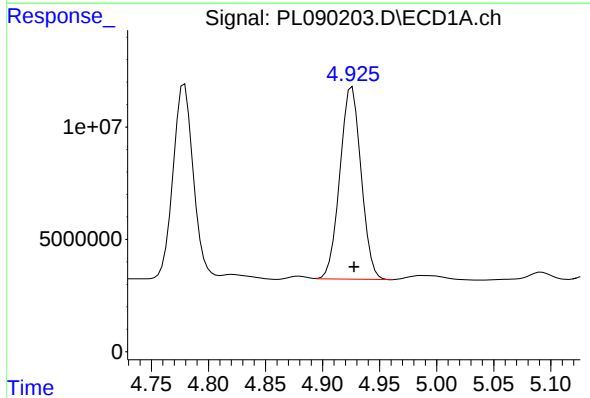
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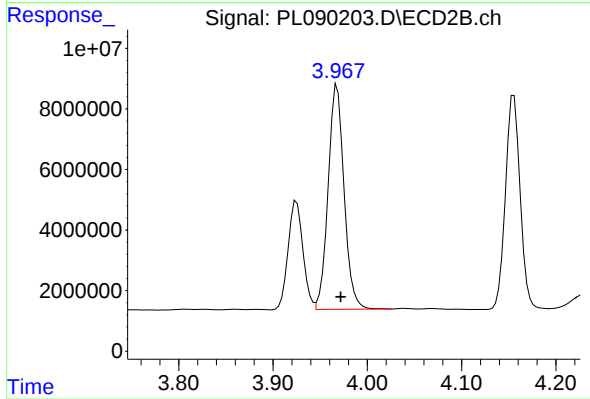
#3 gamma-BHC (Lindane)

R.T.: 3.627 min
Delta R.T.: -0.003 min
Response: 88655480
Conc: 42.39 ng/ml



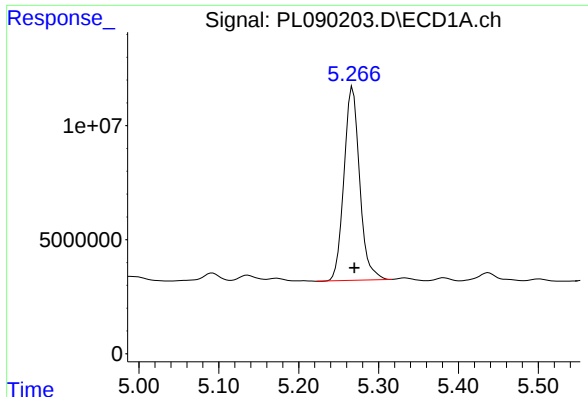
#4 Heptachlor

R.T.: 4.926 min
Delta R.T.: -0.002 min
Response: 110782241
Conc: 42.44 ng/ml



#4 Heptachlor

R.T.: 3.968 min
Delta R.T.: -0.004 min
Response: 87131823
Conc: 43.66 ng/ml



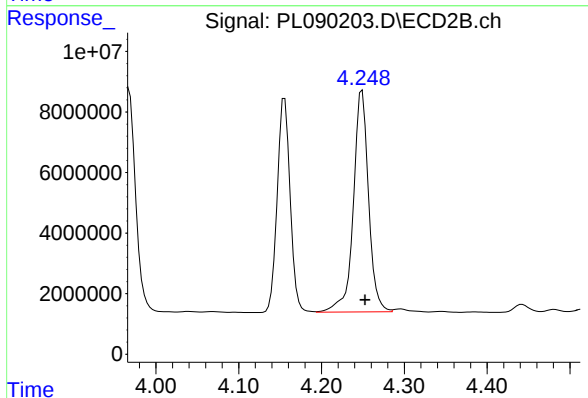
#5 Aldrin

R.T.: 5.268 min
Delta R.T.: -0.002 min
Response: 115707503
Conc: 43.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
Soil/Gravel-SPMS

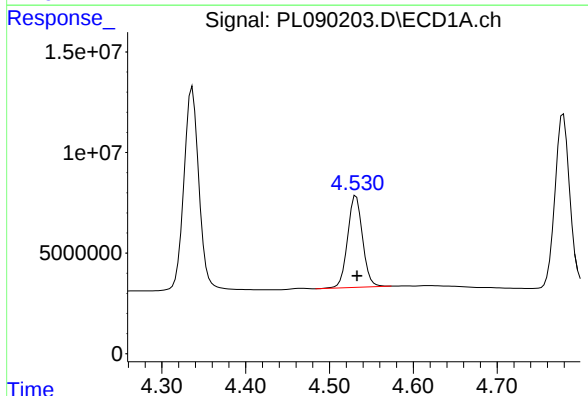
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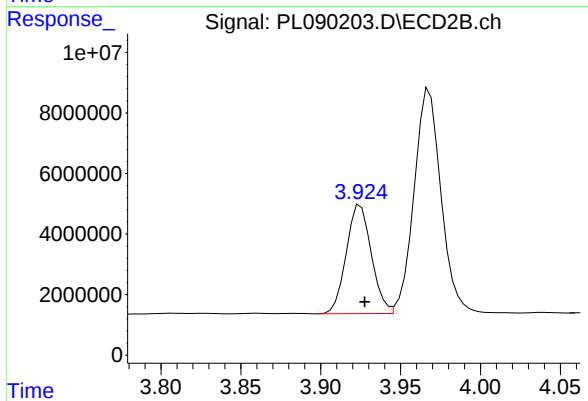
#5 Aldrin

R.T.: 4.249 min
Delta R.T.: -0.003 min
Response: 93235277
Conc: 46.66 ng/ml



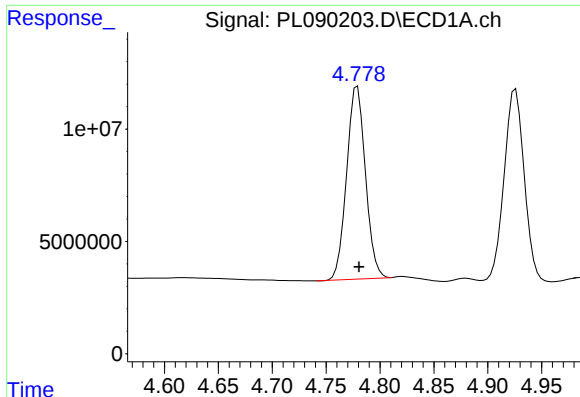
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 56542489
Conc: 43.29 ng/ml



#6 beta-BHC

R.T.: 3.925 min
Delta R.T.: -0.002 min
Response: 39333870
Conc: 43.00 ng/ml



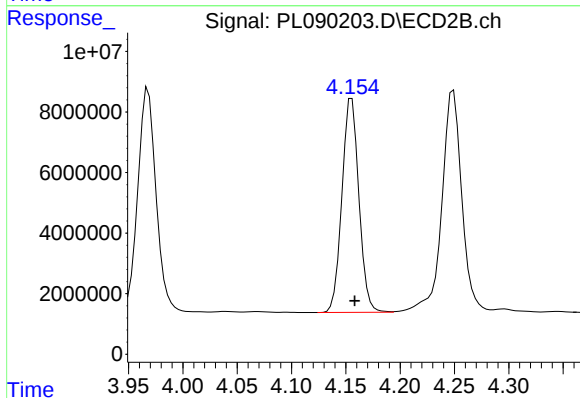
#7 delta-BHC

R.T.: 4.779 min
Delta R.T.: -0.002 min
Response: 104252535
Conc: 37.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
Soil/Gravel-SPMS

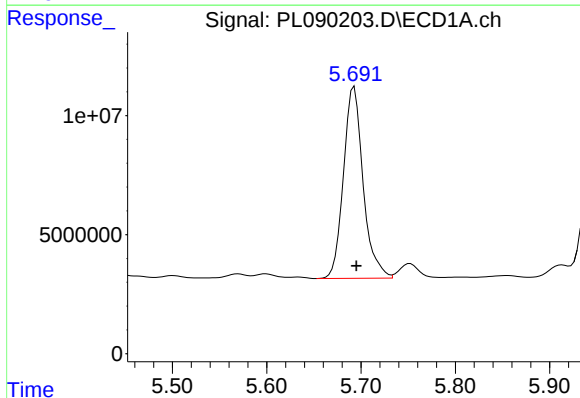
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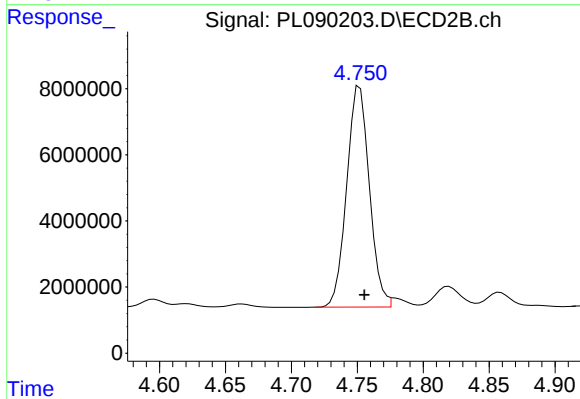
#7 delta-BHC

R.T.: 4.155 min
Delta R.T.: -0.003 min
Response: 76891855
Conc: 38.15 ng/ml



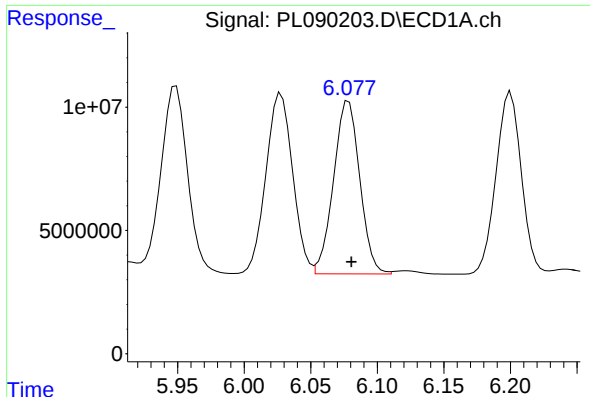
#8 Heptachlor epoxide

R.T.: 5.693 min
Delta R.T.: -0.002 min
Response: 116620382
Conc: 46.82 ng/ml



#8 Heptachlor epoxide

R.T.: 4.750 min
Delta R.T.: -0.005 min
Response: 79653436
Conc: 43.40 ng/ml m



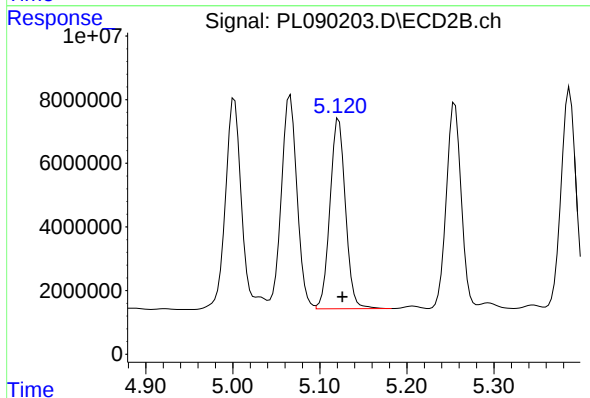
#9 Endosulfan I

R.T.: 6.078 min
Delta R.T.: -0.002 min
Response: 96187384
Conc: 42.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
Soil/Gravel-SPMS

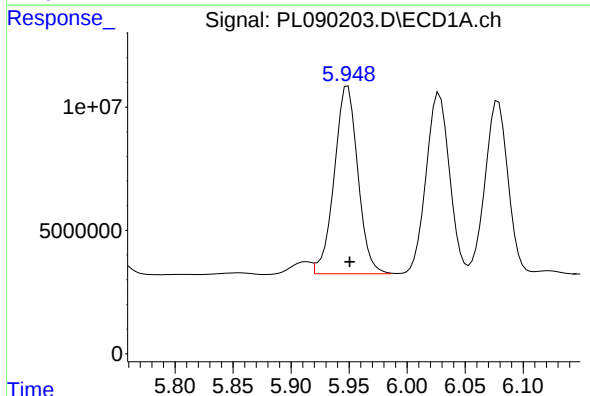
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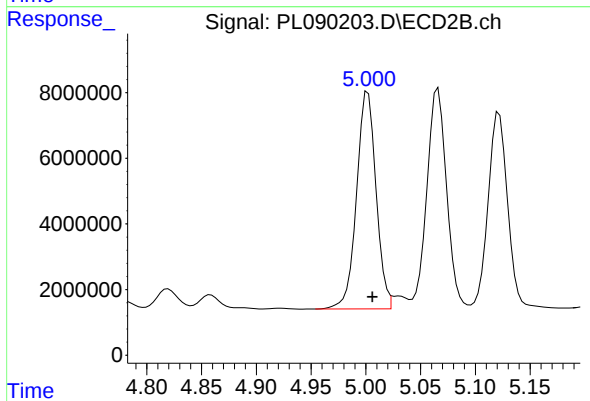
#9 Endosulfan I

R.T.: 5.122 min
Delta R.T.: -0.004 min
Response: 73851694
Conc: 43.23 ng/ml



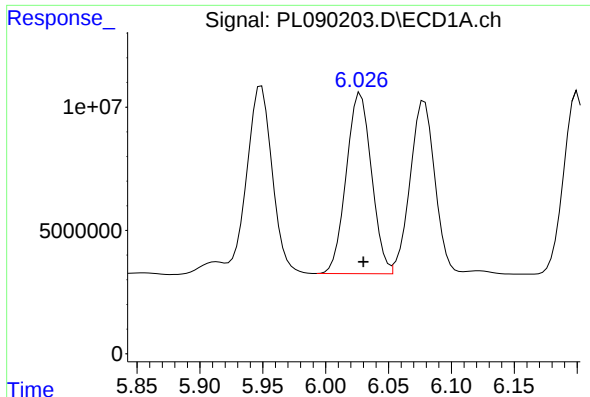
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: -0.003 min
Response: 107243581
Conc: 44.35 ng/ml m



#10 gamma-Chlordane

R.T.: 5.000 min
Delta R.T.: -0.006 min
Response: 82917419
Conc: 44.49 ng/ml m



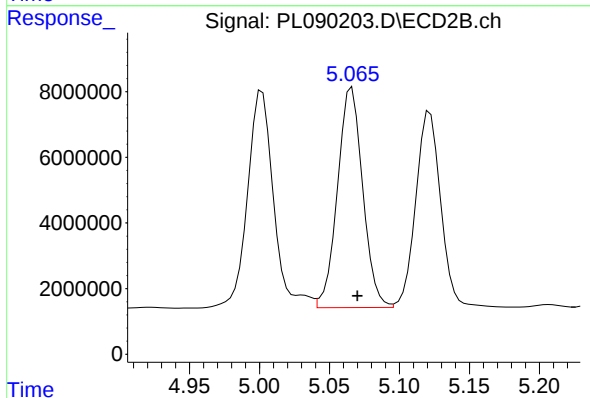
#11 alpha-Chlordane

R.T.: 6.028 min
Delta R.T.: -0.002 min
Response: 102476338
Conc: 42.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
Soil/Gravel-SPMS

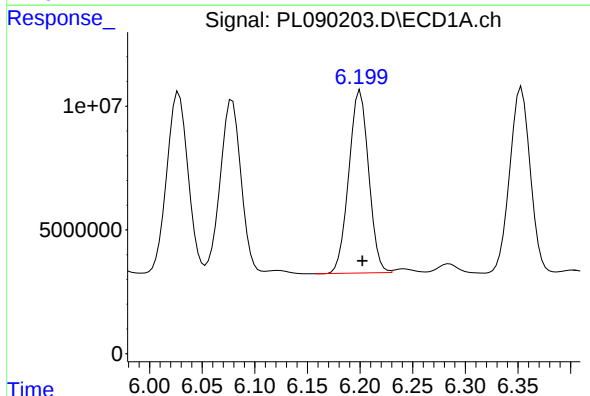
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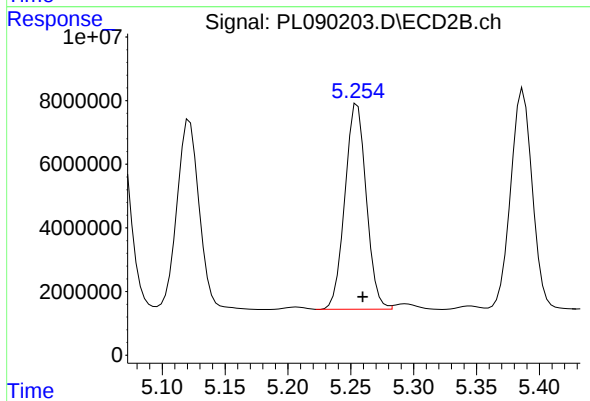
#11 alpha-Chlordane

R.T.: 5.066 min
Delta R.T.: -0.004 min
Response: 84182869
Conc: 44.87 ng/ml



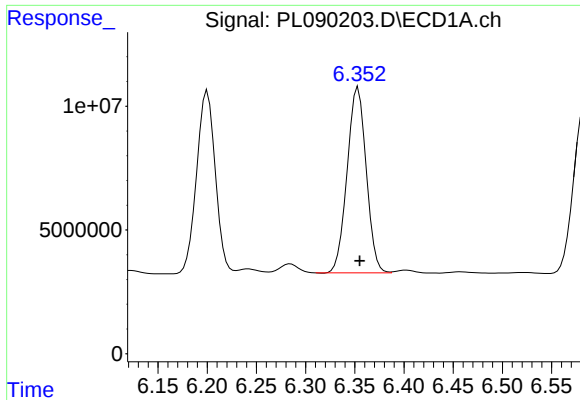
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: -0.002 min
Response: 97067445
Conc: 44.62 ng/ml



#12 4,4'-DDE

R.T.: 5.255 min
Delta R.T.: -0.004 min
Response: 76263857
Conc: 45.65 ng/ml



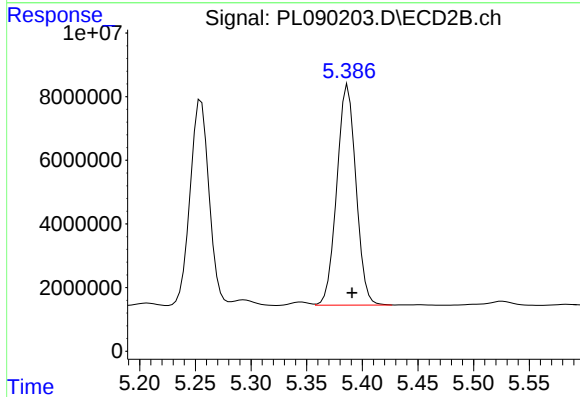
#13 Dieldrin

R.T.: 6.353 min
Delta R.T.: -0.002 min
Response: 101332415
Conc: 42.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
Soil/Gravel-SPMS

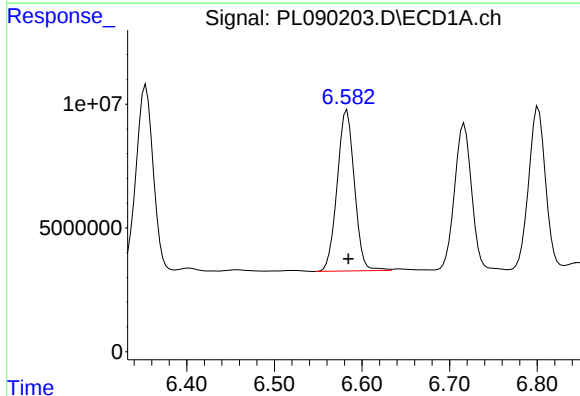
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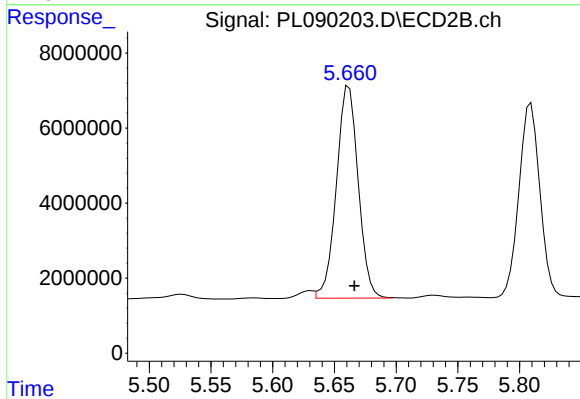
#13 Dieldrin

R.T.: 5.386 min
Delta R.T.: -0.005 min
Response: 82860625
Conc: 44.97 ng/ml m



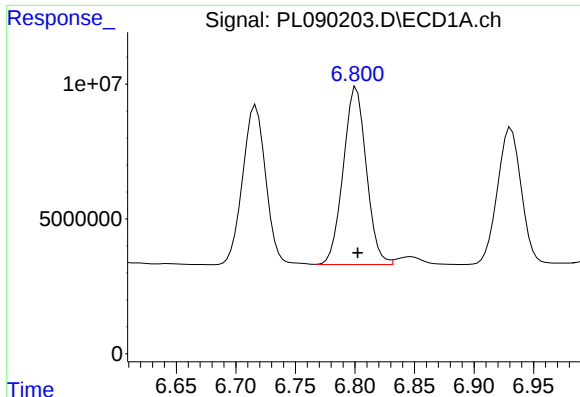
#14 Endrin

R.T.: 6.583 min
Delta R.T.: -0.001 min
Response: 88901971
Conc: 44.22 ng/ml



#14 Endrin

R.T.: 5.660 min
Delta R.T.: -0.006 min
Response: 69389977
Conc: 42.36 ng/ml m



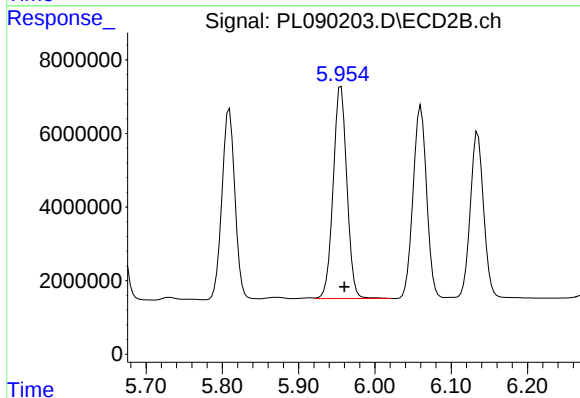
#15 Endosulfan II

R.T.: 6.801 min
Delta R.T.: -0.001 min
Response: 88678809
Conc: 42.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
Soil/Gravel-SPMS

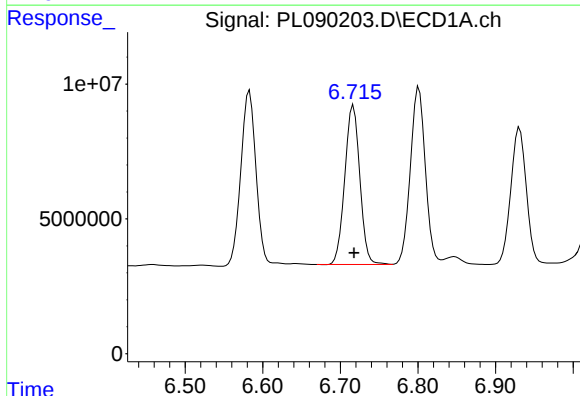
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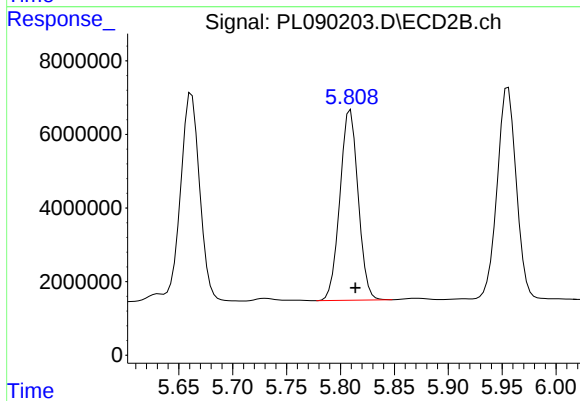
#15 Endosulfan II

R.T.: 5.956 min
Delta R.T.: -0.004 min
Response: 71729557
Conc: 44.54 ng/ml



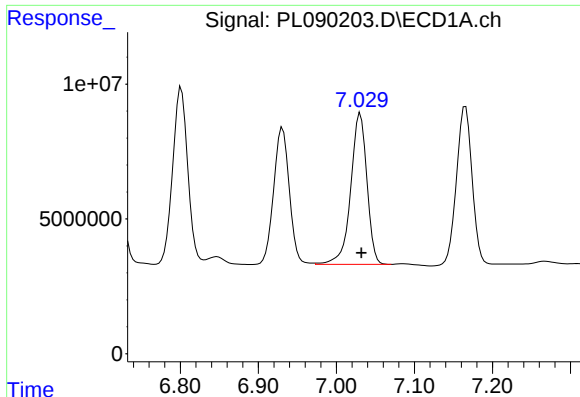
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: -0.001 min
Response: 79699316
Conc: 45.50 ng/ml



#16 4,4'-DDD

R.T.: 5.809 min
Delta R.T.: -0.005 min
Response: 60908390
Conc: 43.21 ng/ml



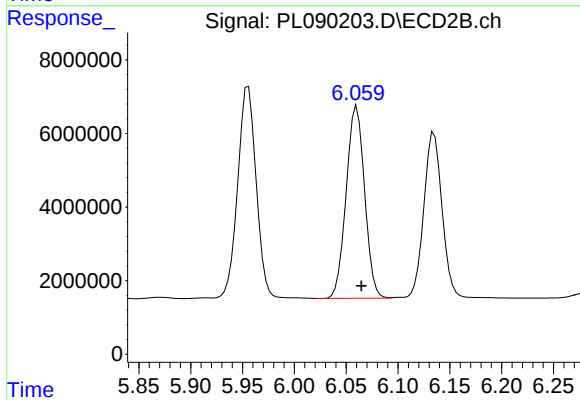
#17 4,4'-DDT

R.T.: 7.031 min
Delta R.T.: -0.001 min
Response: 80942222
Conc: 43.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
Soil/Gravel-SPMS

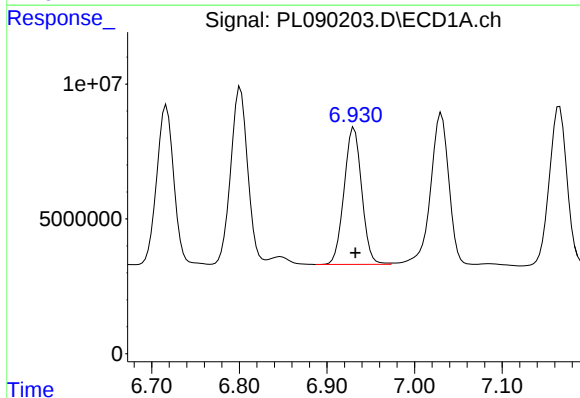
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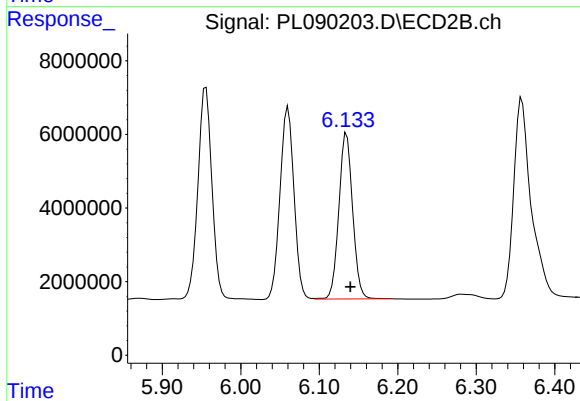
#17 4,4'-DDT

R.T.: 6.060 min
Delta R.T.: -0.005 min
Response: 64546370
Conc: 42.50 ng/ml



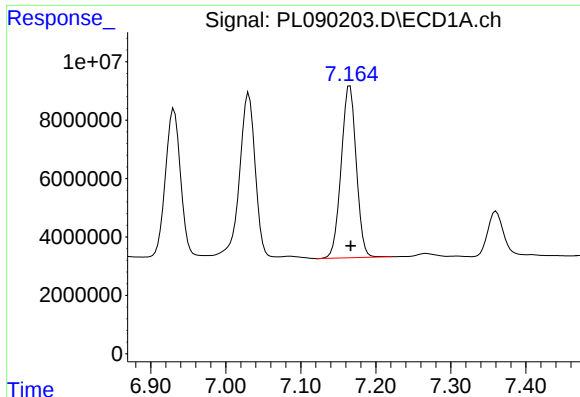
#18 Endrin aldehyde

R.T.: 6.931 min
Delta R.T.: -0.001 min
Response: 70998990
Conc: 45.80 ng/ml



#18 Endrin aldehyde

R.T.: 6.135 min
Delta R.T.: -0.005 min
Response: 54997654
Conc: 45.32 ng/ml



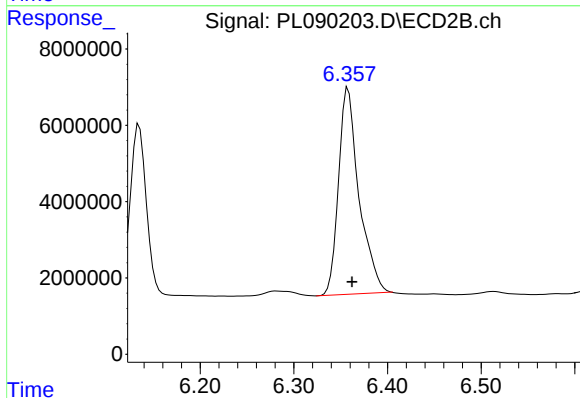
#19 Endosulfan Sulfate

R.T.: 7.166 min
Delta R.T.: -0.001 min
Response: 82155192
Conc: 42.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
Soil/Gravel-SPMS

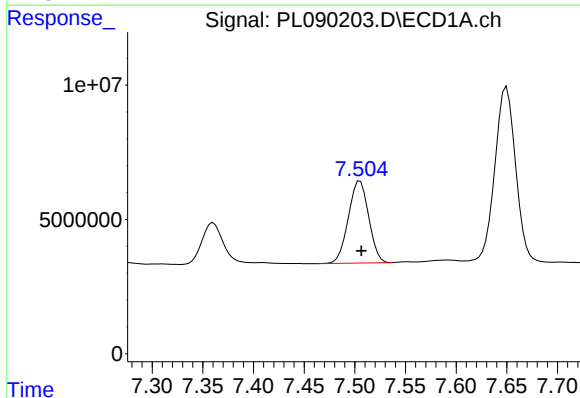
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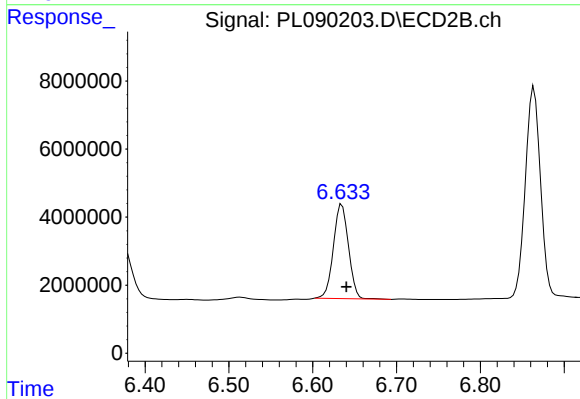
#19 Endosulfan Sulfate

R.T.: 6.358 min
Delta R.T.: -0.004 min
Response: 82348941
Conc: 52.36 ng/ml



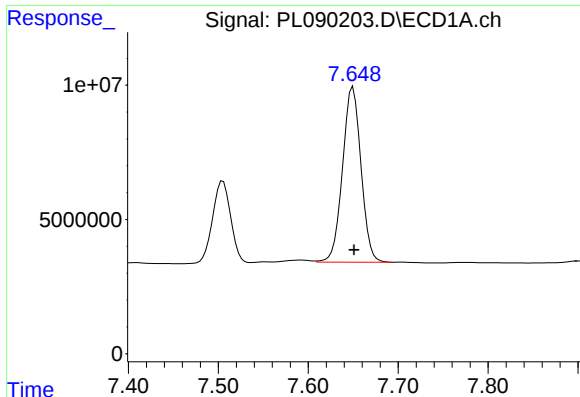
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: -0.002 min
Response: 42627854
Conc: 43.40 ng/ml



#20 Methoxychlor

R.T.: 6.635 min
Delta R.T.: -0.006 min
Response: 34740402
Conc: 39.05 ng/ml



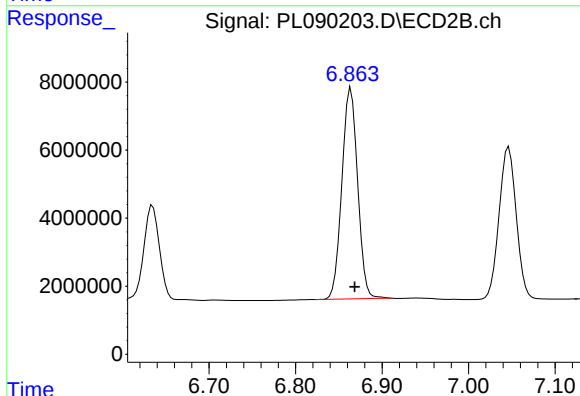
#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: -0.001 min
Response: 93158889
Conc: 44.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
Soil/Gravel-SPMS

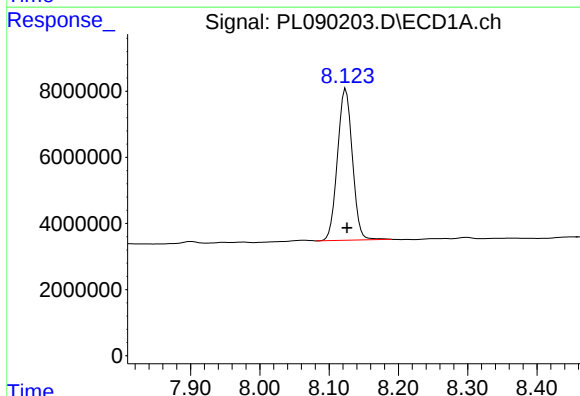
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/18/2024
Supervised By :Ankita Jodhani 06/18/2024



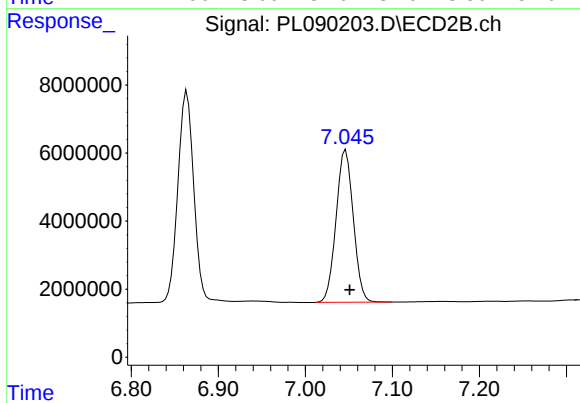
#21 Endrin ketone

R.T.: 6.864 min
Delta R.T.: -0.004 min
Response: 78043848
Conc: 42.83 ng/ml



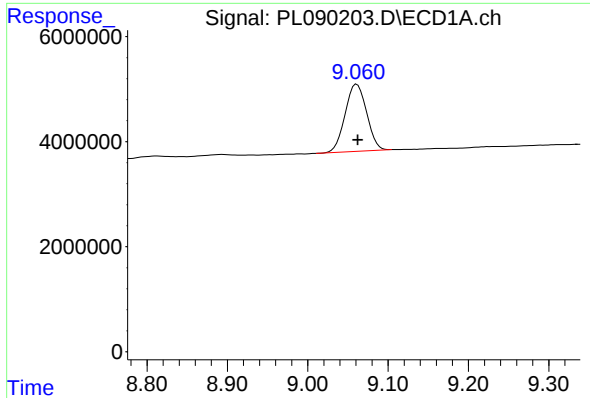
#22 Mirex

R.T.: 8.124 min
Delta R.T.: -0.002 min
Response: 68312055
Conc: 41.06 ng/ml



#22 Mirex

R.T.: 7.047 min
Delta R.T.: -0.005 min
Response: 61624351
Conc: 40.13 ng/ml



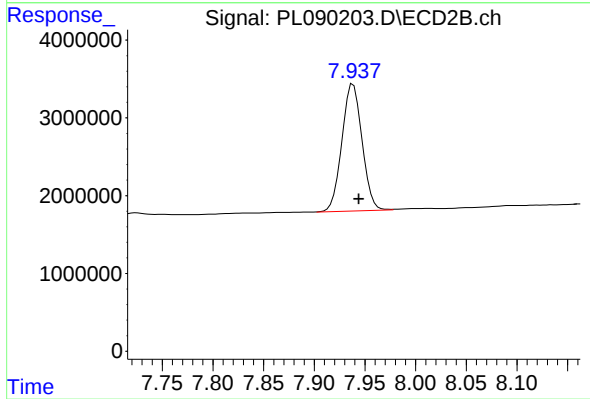
#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: -0.001 min
Response: 23776444
Conc: 16.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
Soil/Gravel-SPMS

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#28 Decachlorobiphenyl

R.T.: 7.938 min
Delta R.T.: -0.005 min
Response: 22559782
Conc: 15.18 ng/ml