

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070924\
 Data File : PL090454.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jul 2024 14:06
 Operator : AR\AJ
 Sample : P3170-03MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL-DRUMS-2MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/10/2024
 Supervised By :Ankita Jodhani 07/10/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 00:59:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062424.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 25 11:05:38 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...	3.547	2.790	37116834	25723132	16.354	16.262
28)	SA Decachlor...	9.059	7.932	28677505	27370646	18.595	18.349m
Target Compounds							
2)	A alpha-BHC	4.001	3.294	119.8E6	92152312	38.190m	41.222
3)	MA gamma-BHC...	4.334	3.624	114.8E6	90322595	38.202m	42.247
4)	MA Heptachlor	4.923	3.965	106.8E6	85526506	38.434m	41.141
5)	MB Aldrin	5.264	4.244	104.4E6	85378799	38.139m	43.155m
6)	B beta-BHC	4.529	3.922	52884042	38821879	39.261m	40.214
7)	B delta-BHC	4.778	4.152	110.7E6	86203389	39.252	42.490
8)	B Heptachlo...	5.691	4.748	103.9E6	78884223	40.728	42.938
9)	A Endosulfan I	6.075	5.118	91279232	74704355	38.762m	43.174
10)	B gamma-Chl...	5.945	4.998	96301203	79708902	38.112m	41.590
11)	B alpha-Chl...	6.025	5.062	97106213	80600880	38.930m	42.083
12)	B 4,4'-DDE	6.197	5.250	88952038	73456134	40.748m	44.343m
13)	MA Dieldrin	6.351	5.381	98337821	80885035	40.222	43.854m
14)	MA Endrin	6.581	5.656	87360973	73912352	41.202	44.699m
15)	B Endosulfa...	6.798	5.950	89045697	73819038	40.272m	44.991m
16)	A 4,4'-DDD	6.715	5.805	78386206	62586583	42.785	45.663
17)	MA 4,4'-DDT	7.028	6.056	82606878	69403904	43.048	46.891
18)	B Endrin al...	6.929	6.131	71532138	58891469	42.367	46.244
19)	B Endosulfa...	7.163	6.353	85732572	74300534	43.284	47.515
20)	A Methoxychlor	7.504	6.629	47673488	40743901	46.261	48.838m
21)	B Endrin ke...	7.648	6.859	97821865	86181410	45.098	48.132
22)	Mirex	8.122	7.040	73543080	68832575	42.298	45.073m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070924\
Data File : PL090454.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2024 14:06
Operator : AR\AJ
Sample : P3170-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

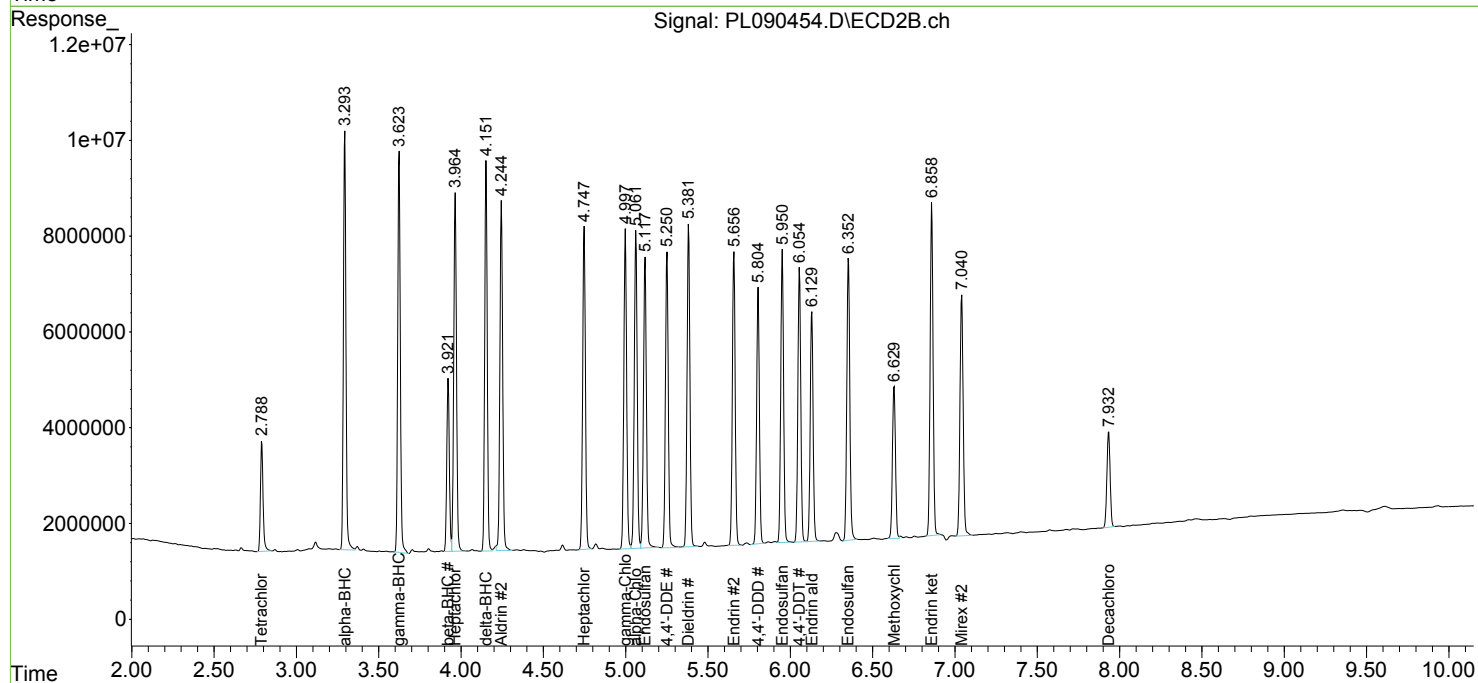
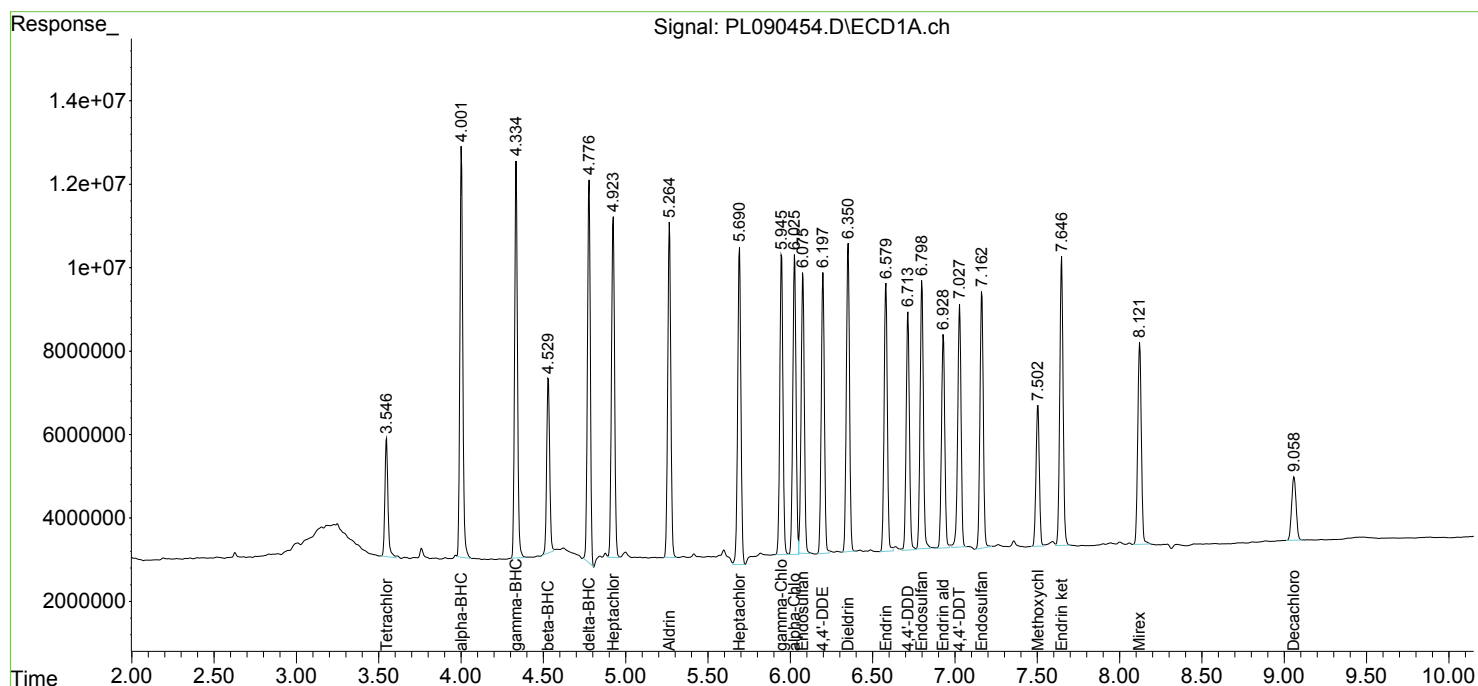
Instrument :
ECD_L
ClientSampleId :
SOIL-DRUMS-2MS

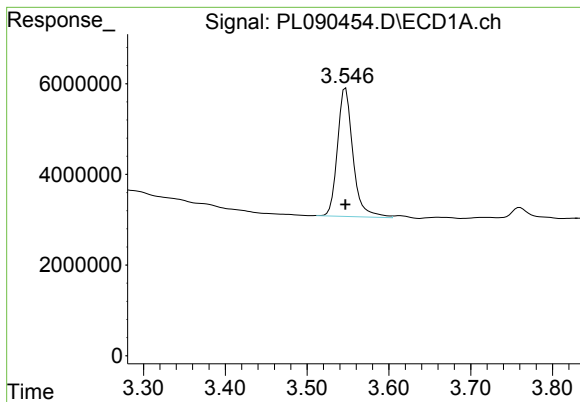
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 00:59:50 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062424.M
Quant Title : GC Extractables
QLast Update : Tue Jun 25 11:05:38 2024
Response 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





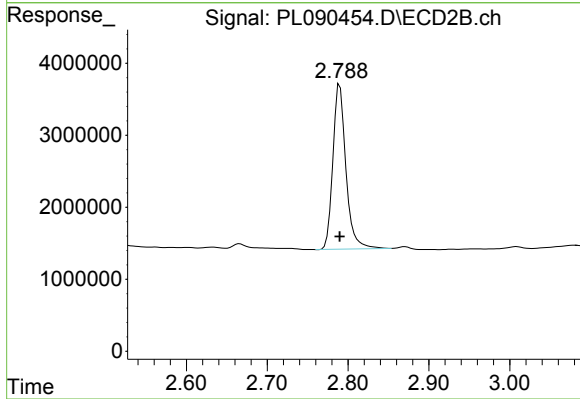
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 37116834
Conc: 16.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-DRUMS-2MS

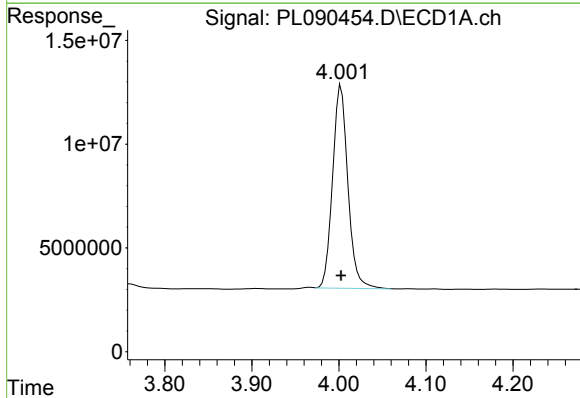
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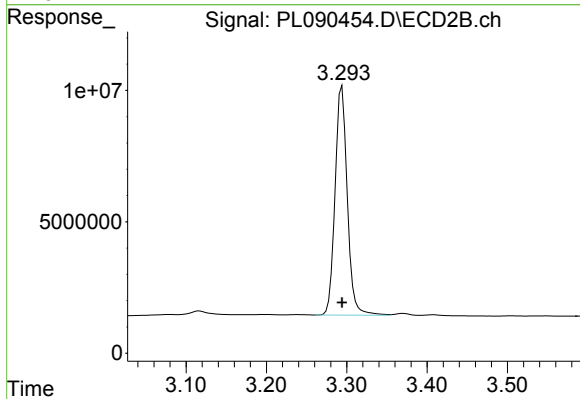
#1 Tetrachloro-m-xylene

R.T.: 2.790 min
Delta R.T.: 0.000 min
Response: 25723132
Conc: 16.26 ng/ml



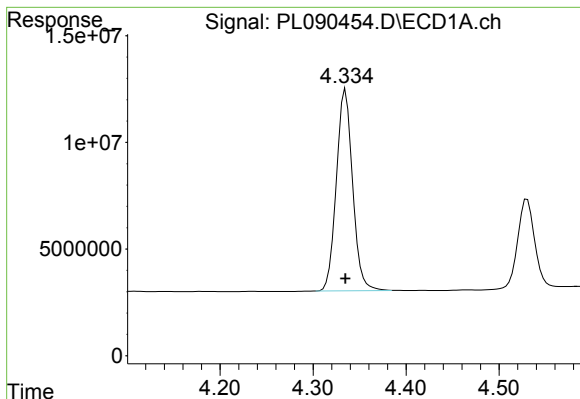
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: -0.001 min
Response: 119784375
Conc: 38.19 ng/ml m



#2 alpha-BHC

R.T.: 3.294 min
Delta R.T.: 0.000 min
Response: 92152312
Conc: 41.22 ng/ml



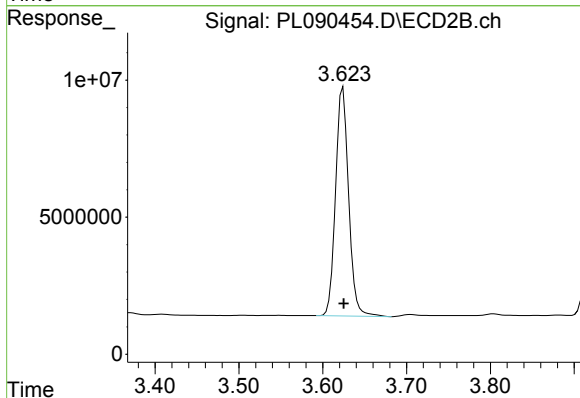
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: -0.001 min
Response: 114834626
Conc: 38.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-DRUMS-2MS

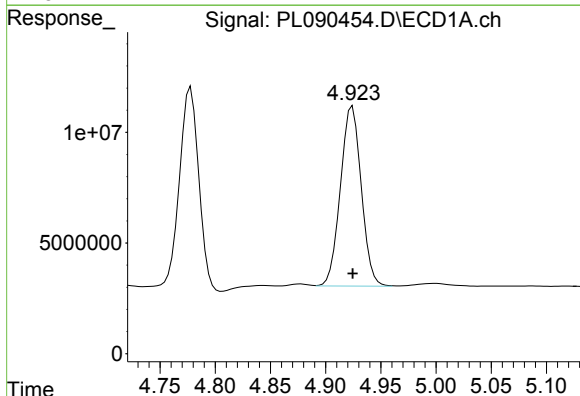
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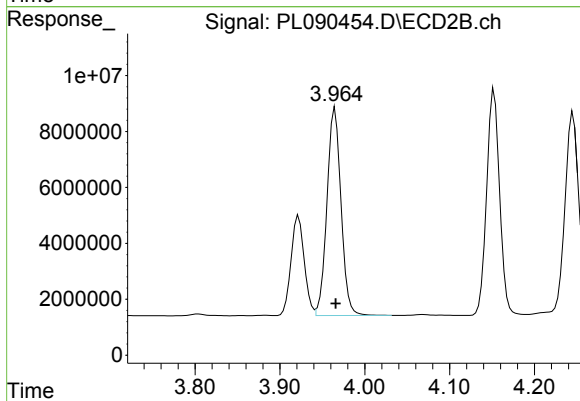
#3 gamma-BHC (Lindane)

R.T.: 3.624 min
Delta R.T.: 0.000 min
Response: 90322595
Conc: 42.25 ng/ml



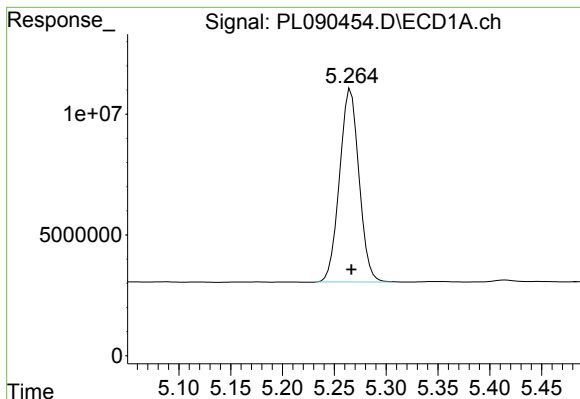
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: -0.002 min
Response: 106810806
Conc: 38.43 ng/ml m



#4 Heptachlor

R.T.: 3.965 min
Delta R.T.: 0.000 min
Response: 85526506
Conc: 41.14 ng/ml



#5 Aldrin

R.T.: 5.264 min
Delta R.T.: -0.002 min
Response: 104405193
Conc: 38.14 ng/ml

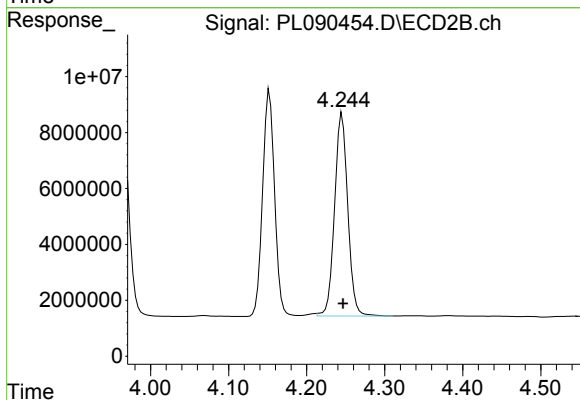
Instrument :

ECD_L

ClientSampleId :
SOIL-DRUMS-2MS

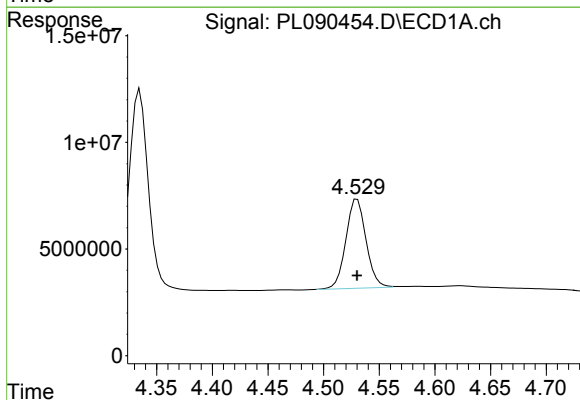
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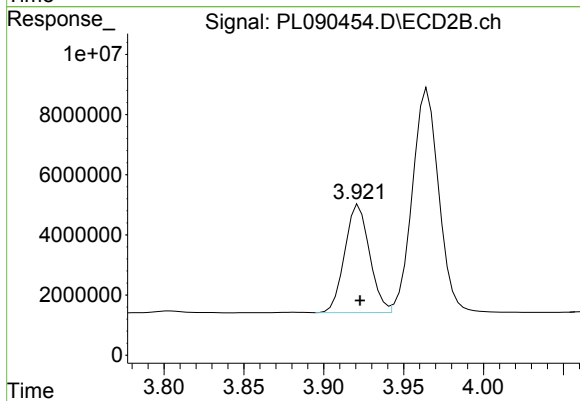
#5 Aldrin

R.T.: 4.244 min
Delta R.T.: -0.003 min
Response: 85378799
Conc: 43.16 ng/ml m



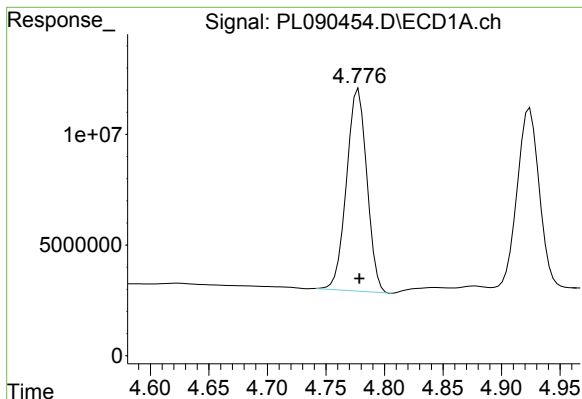
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: -0.001 min
Response: 52884042
Conc: 39.26 ng/ml m



#6 beta-BHC

R.T.: 3.922 min
Delta R.T.: 0.000 min
Response: 38821879
Conc: 40.21 ng/ml



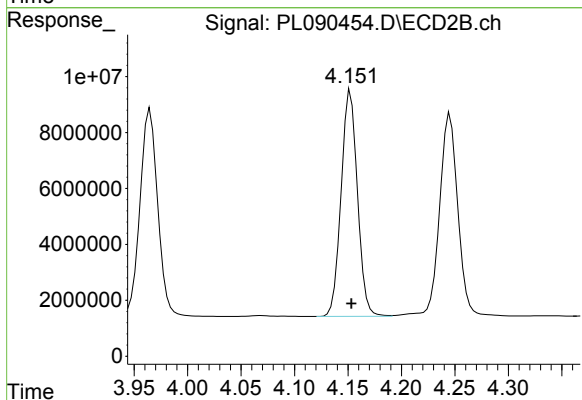
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: 0.000 min
Response: 110707041
Conc: 39.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-DRUMS-2MS

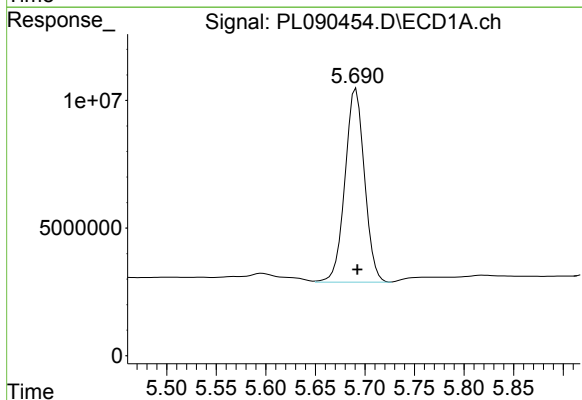
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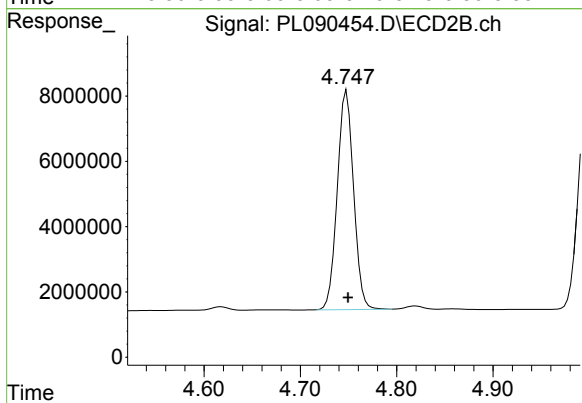
#7 delta-BHC

R.T.: 4.152 min
Delta R.T.: 0.000 min
Response: 86203389
Conc: 42.49 ng/ml



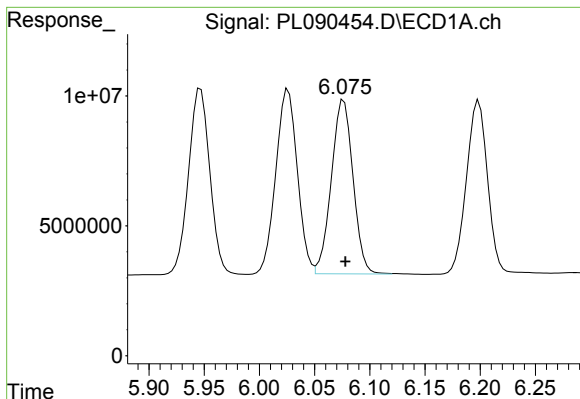
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: -0.002 min
Response: 103861015
Conc: 40.73 ng/ml



#8 Heptachlor epoxide

R.T.: 4.748 min
Delta R.T.: -0.001 min
Response: 78884223
Conc: 42.94 ng/ml



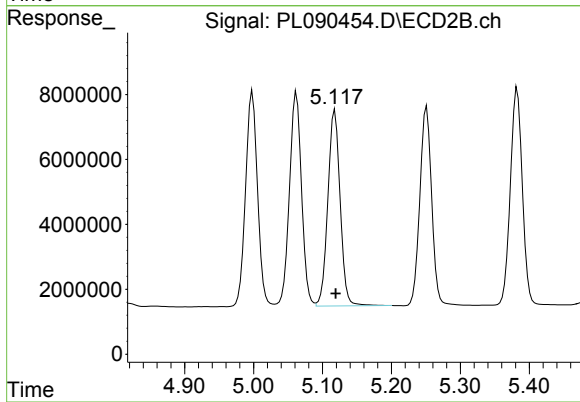
#9 Endosulfan I

R.T.: 6.075 min
Delta R.T.: -0.003 min
Response: 91279232
Conc: 38.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-DRUMS-2MS

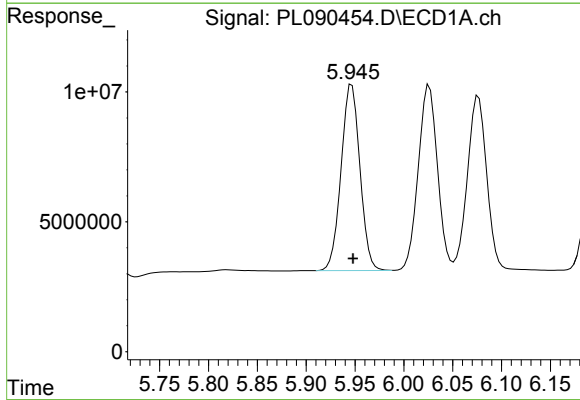
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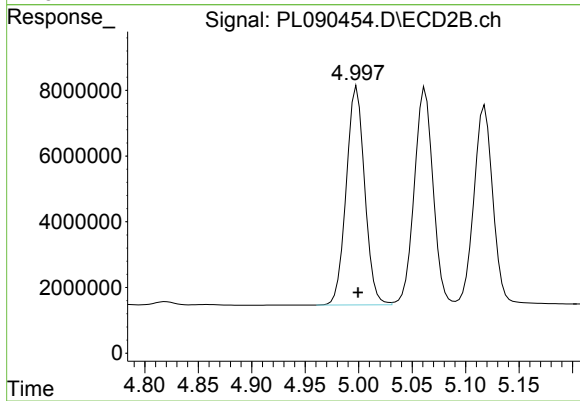
#9 Endosulfan I

R.T.: 5.118 min
Delta R.T.: -0.001 min
Response: 74704355
Conc: 43.17 ng/ml



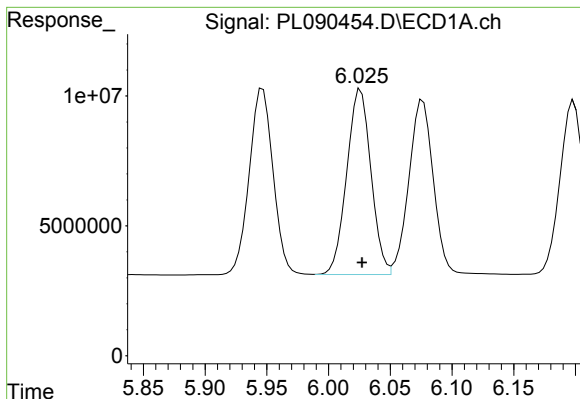
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: -0.003 min
Response: 96301203
Conc: 38.11 ng/ml m



#10 gamma-Chlordane

R.T.: 4.998 min
Delta R.T.: -0.001 min
Response: 79708902
Conc: 41.59 ng/ml



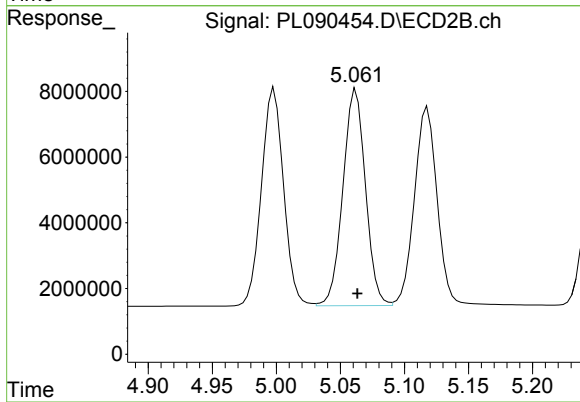
#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: -0.003 min
Response: 97106213
Conc: 38.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-DRUMS-2MS

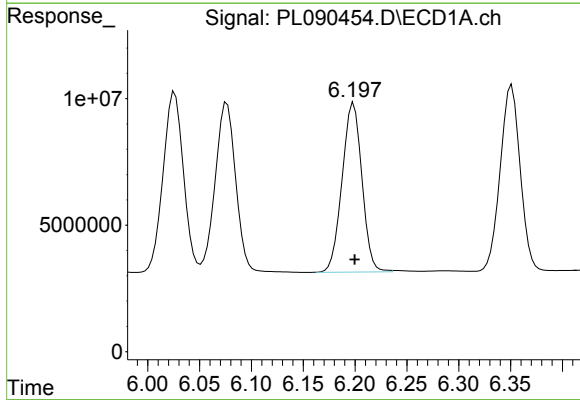
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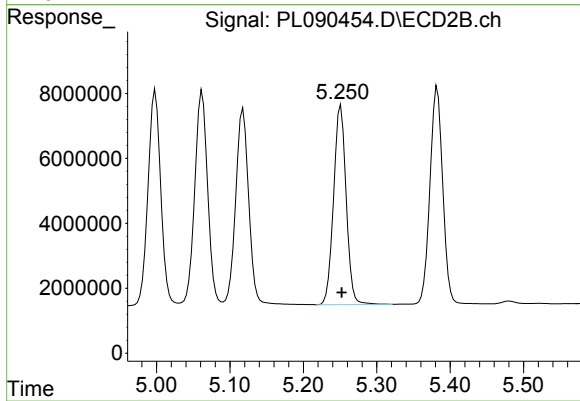
#11 alpha-Chlordane

R.T.: 5.062 min
Delta R.T.: -0.001 min
Response: 80600880
Conc: 42.08 ng/ml



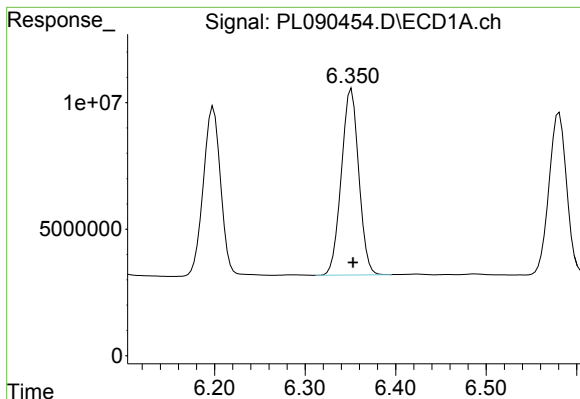
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: -0.002 min
Response: 88952038
Conc: 40.75 ng/ml m



#12 4,4'-DDE

R.T.: 5.250 min
Delta R.T.: -0.003 min
Response: 73456134
Conc: 44.34 ng/ml m



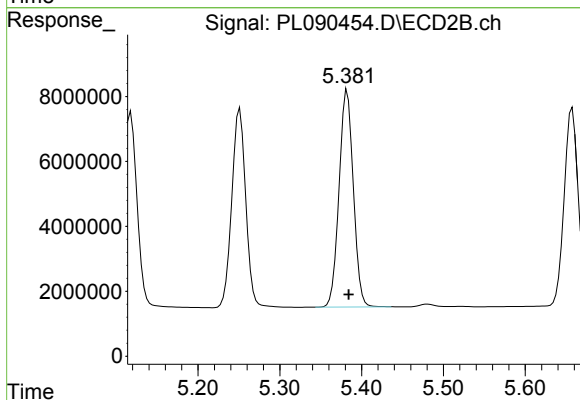
#13 Dieldrin

R.T.: 6.351 min
Delta R.T.: -0.002 min
Response: 98337821
Conc: 40.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-DRUMS-2MS

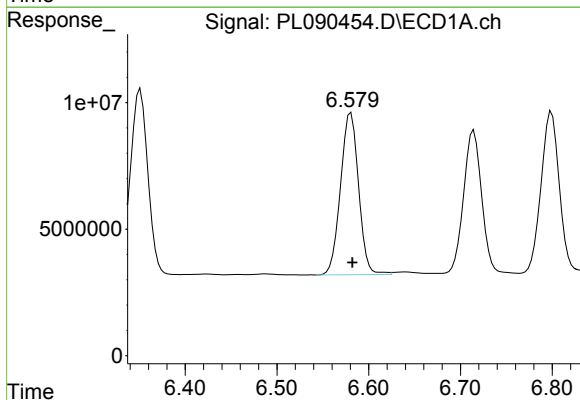
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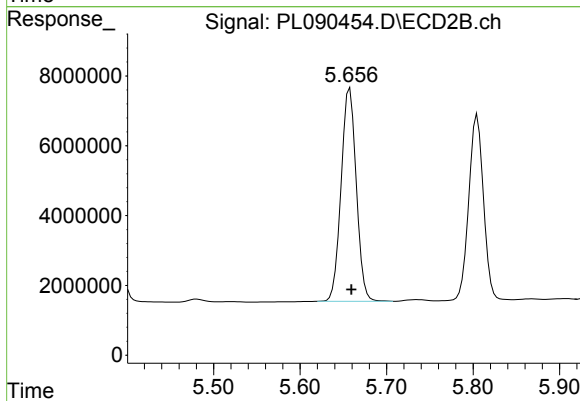
#13 Dieldrin

R.T.: 5.381 min
Delta R.T.: -0.003 min
Response: 80885035
Conc: 43.85 ng/ml m



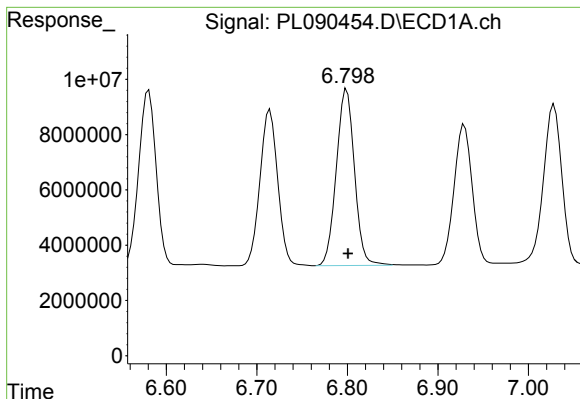
#14 Endrin

R.T.: 6.581 min
Delta R.T.: -0.001 min
Response: 87360973
Conc: 41.20 ng/ml



#14 Endrin

R.T.: 5.656 min
Delta R.T.: -0.003 min
Response: 73912352
Conc: 44.70 ng/ml m



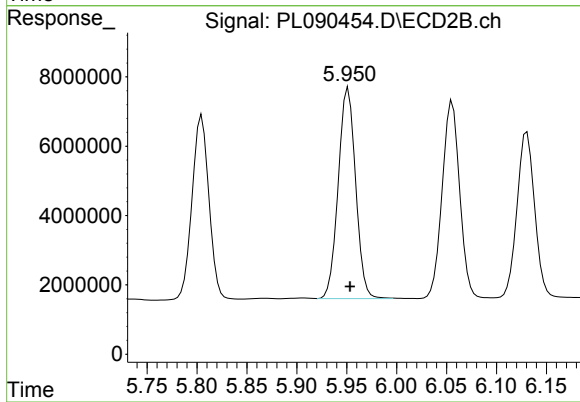
#15 Endosulfan II

R.T.: 6.798 min
Delta R.T.: -0.003 min
Response: 89045697
Conc: 40.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-DRUMS-2MS

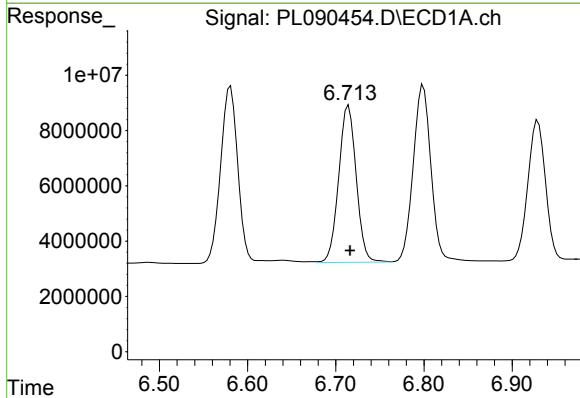
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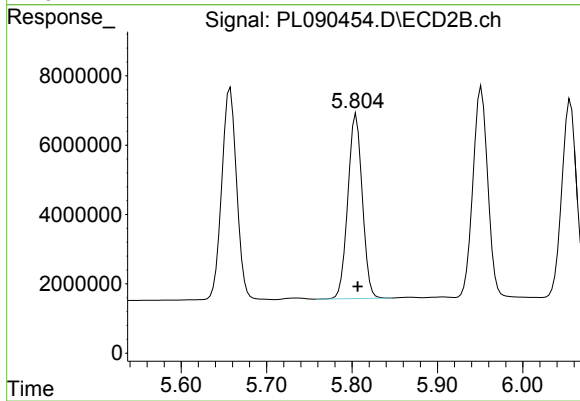
#15 Endosulfan II

R.T.: 5.950 min
Delta R.T.: -0.003 min
Response: 73819038
Conc: 44.99 ng/ml m



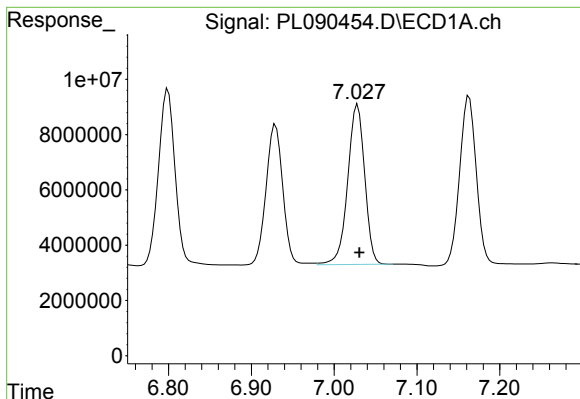
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: -0.002 min
Response: 78386206
Conc: 42.79 ng/ml



#16 4,4'-DDD

R.T.: 5.805 min
Delta R.T.: -0.002 min
Response: 62586583
Conc: 45.66 ng/ml



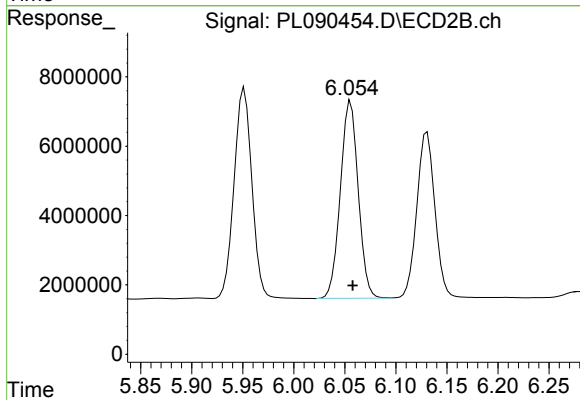
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: -0.002 min
Response: 82606878
Conc: 43.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-DRUMS-2MS

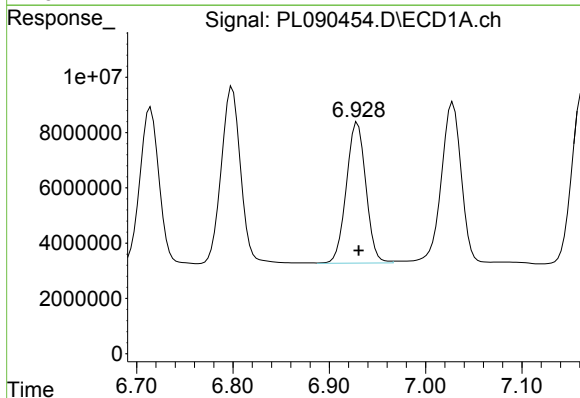
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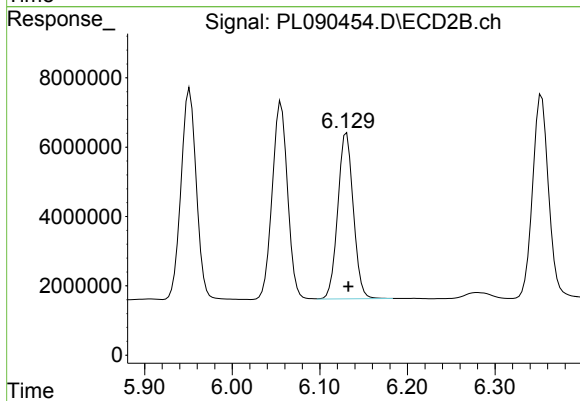
#17 4,4'-DDT

R.T.: 6.056 min
Delta R.T.: -0.002 min
Response: 69403904
Conc: 46.89 ng/ml



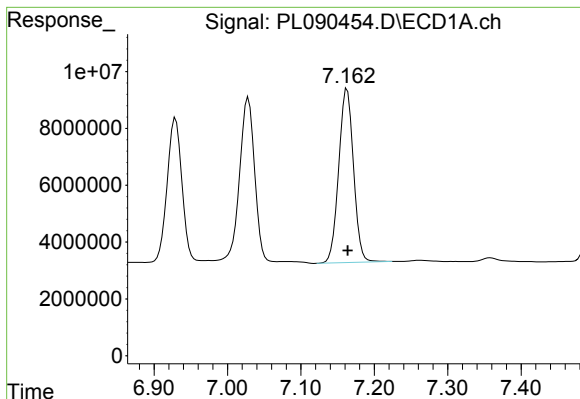
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: -0.001 min
Response: 71532138
Conc: 42.37 ng/ml



#18 Endrin aldehyde

R.T.: 6.131 min
Delta R.T.: -0.002 min
Response: 58891469
Conc: 46.24 ng/ml



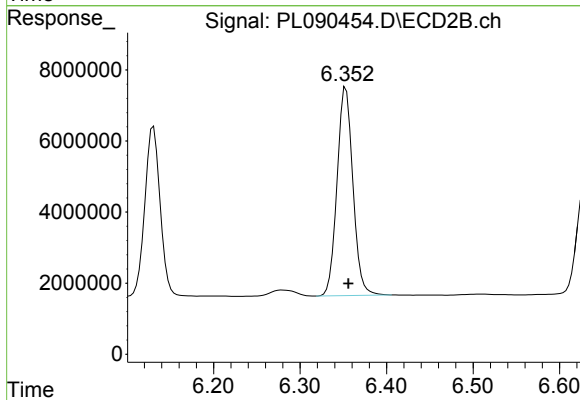
#19 Endosulfan Sulfate

R.T.: 7.163 min
Delta R.T.: 0.000 min
Response: 85732572
Conc: 43.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-DRUMS-2MS

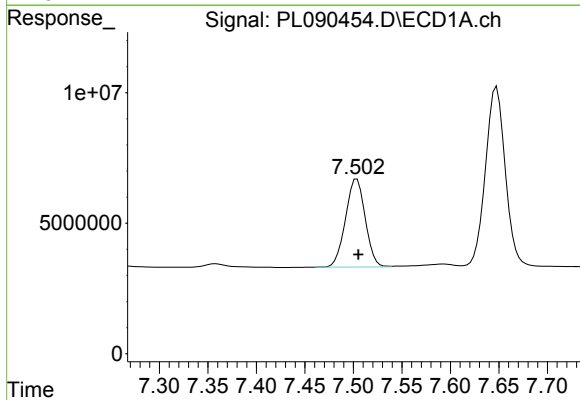
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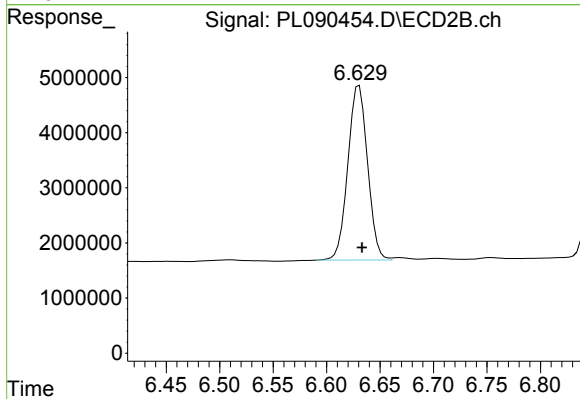
#19 Endosulfan Sulfate

R.T.: 6.353 min
Delta R.T.: -0.003 min
Response: 74300534
Conc: 47.51 ng/ml



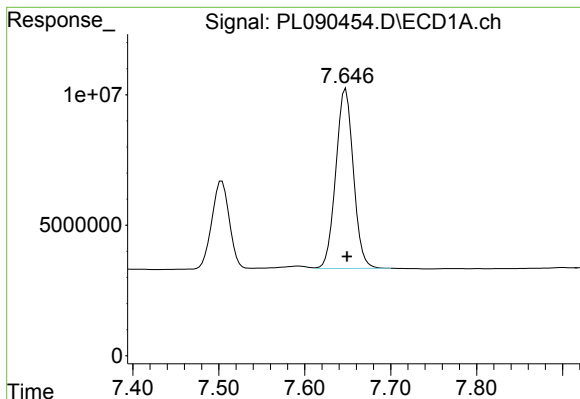
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: -0.002 min
Response: 47673488
Conc: 46.26 ng/ml



#20 Methoxychlor

R.T.: 6.629 min
Delta R.T.: -0.004 min
Response: 40743901
Conc: 48.84 ng/ml m



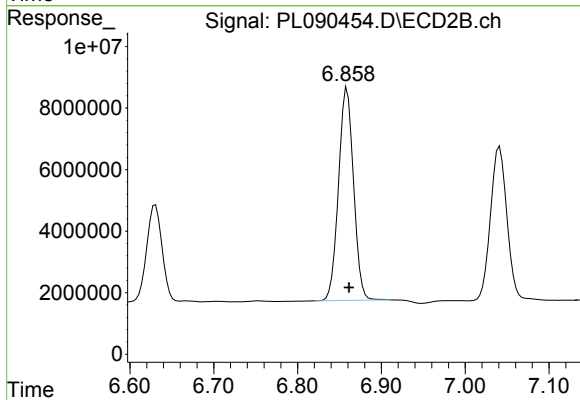
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: -0.002 min
Response: 97821865
Conc: 45.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-DRUMS-2MS

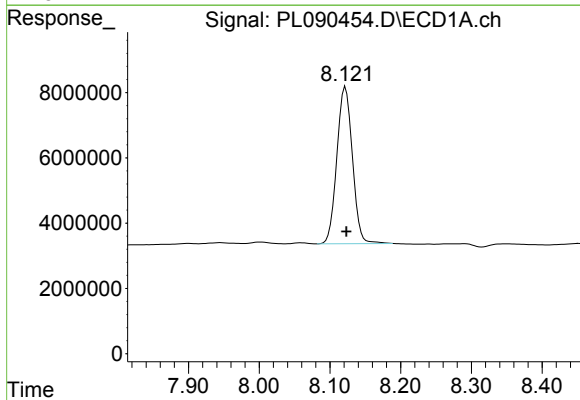
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/10/2024
Supervised By :Ankita Jodhani 07/10/2024



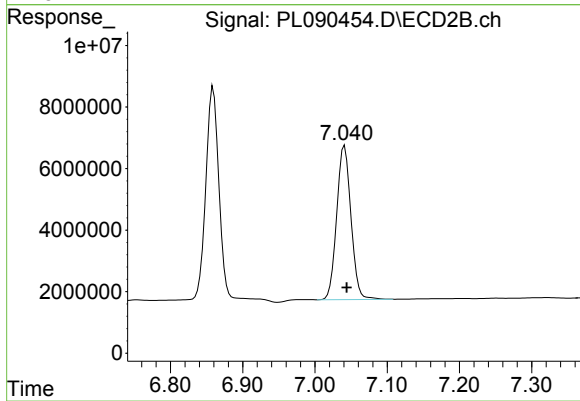
#21 Endrin ketone

R.T.: 6.859 min
Delta R.T.: -0.002 min
Response: 86181410
Conc: 48.13 ng/ml



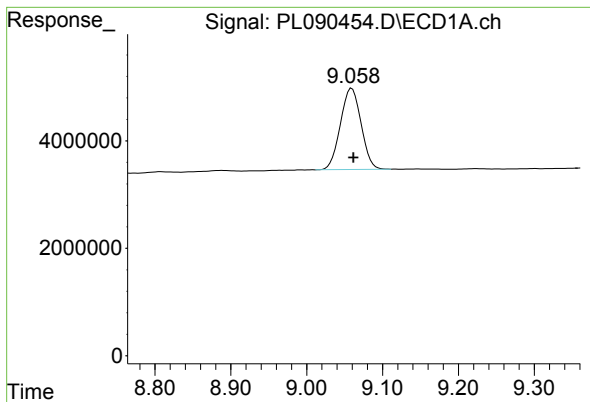
#22 Mirex

R.T.: 8.122 min
Delta R.T.: -0.001 min
Response: 73543080
Conc: 42.30 ng/ml



#22 Mirex

R.T.: 7.040 min
Delta R.T.: -0.004 min
Response: 68832575
Conc: 45.07 ng/ml m



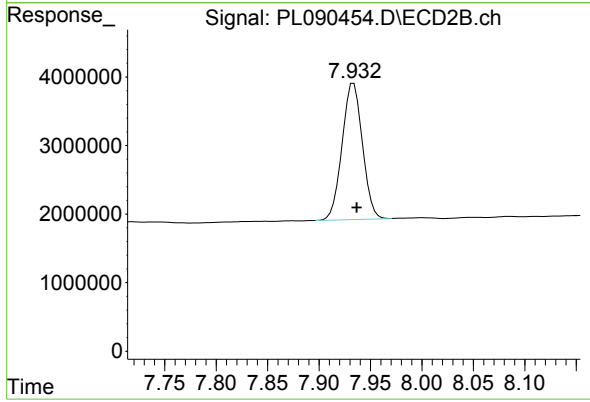
#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.002 min
Response: 28677505
Conc: 18.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-DRUMS-2MS

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#28 Decachlorobiphenyl

R.T.: 7.932 min
Delta R.T.: -0.004 min
Response: 27370646
Conc: 18.35 ng/ml m