

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031424\
 Data File : PL088586.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Mar 2024 19:41
 Operator : AR\AJ
 Sample : SOIL IDOC-4
 Misc : FOR EVELYN
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL IDOC-4

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/14/2024
 Supervised By :Ankita Jodhani 03/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 14 02:00:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 13 15:45:55 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...	3.634	2.852	51607228	24669229	19.475	18.510
28)	SA Decachlor...	9.303	8.082	44240954	25024526	17.897	18.456
Target Compounds							
2)	A alpha-BHC	4.099	3.367	195.4E6	92717755	48.962	46.141
3)	MA gamma-BHC...	4.438	3.703	185.8E6	87850693	47.916	45.777
4)	MA Heptachlor	5.038	4.051	187.7E6	85855720	49.434	47.705
5)	MB Aldrin	5.385	4.337	174.2E6	80844196	47.533	44.738
6)	B beta-BHC	4.635	4.005	83919509	38874965	47.320	45.349
7)	B delta-BHC	4.887	4.240	177.8E6	82210454	44.150	42.973
8)	B Heptachlo...	5.817	4.847	165.0E6	75438794	48.029	45.873
9)	A Endosulfan I	6.207	5.224	150.6E6	70785305	49.259	47.088
10)	B gamma-Chl...	6.076	5.102	169.2E6	78431994	50.787	47.353
11)	B alpha-Chl...	6.157	5.167	166.4E6	78034874	50.057	47.011
12)	B 4,4'-DDE	6.331	5.360	149.2E6	69162178	49.925	47.417
13)	MA Dieldrin	6.487	5.493	161.0E6	76447014	49.652	47.069
14)	MA Endrin	6.719	5.772	135.6E6	69396673	49.588	48.144
15)	B Endosulfa...	6.940	6.070	141.8E6	68096029	49.521	47.358
16)	A 4,4'-DDD	6.854	5.922	125.5E6	58881478	49.292	47.280
17)	MA 4,4'-DDT	7.172	6.177	136.1E6	63806386	51.064	47.539
18)	B Endrin al...	7.069	6.252	106.7E6	51319217	51.112m	48.971
19)	B Endosulfa...	7.308	6.477	133.5E6	65339170	48.336	47.093
20)	A Methoxychlor	7.654	6.761	73168297	37213624	48.568	46.397
21)	B Endrin ke...	7.800	6.990	145.5E6	77982654	49.224	47.242
22)	Mirex	8.282	7.176	116.6E6	63839109	49.729	47.343

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031424\
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ECD_L

ClientSampleId :

SOIL IDOC-4

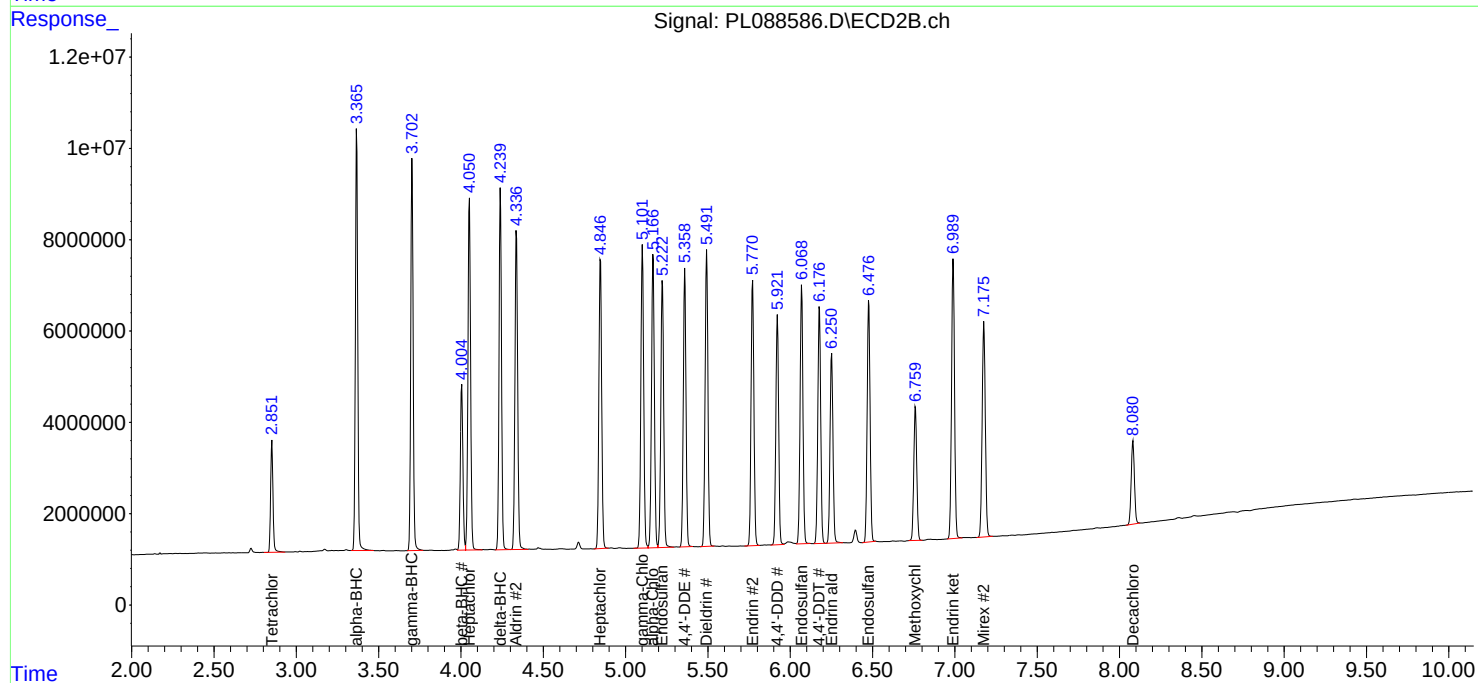
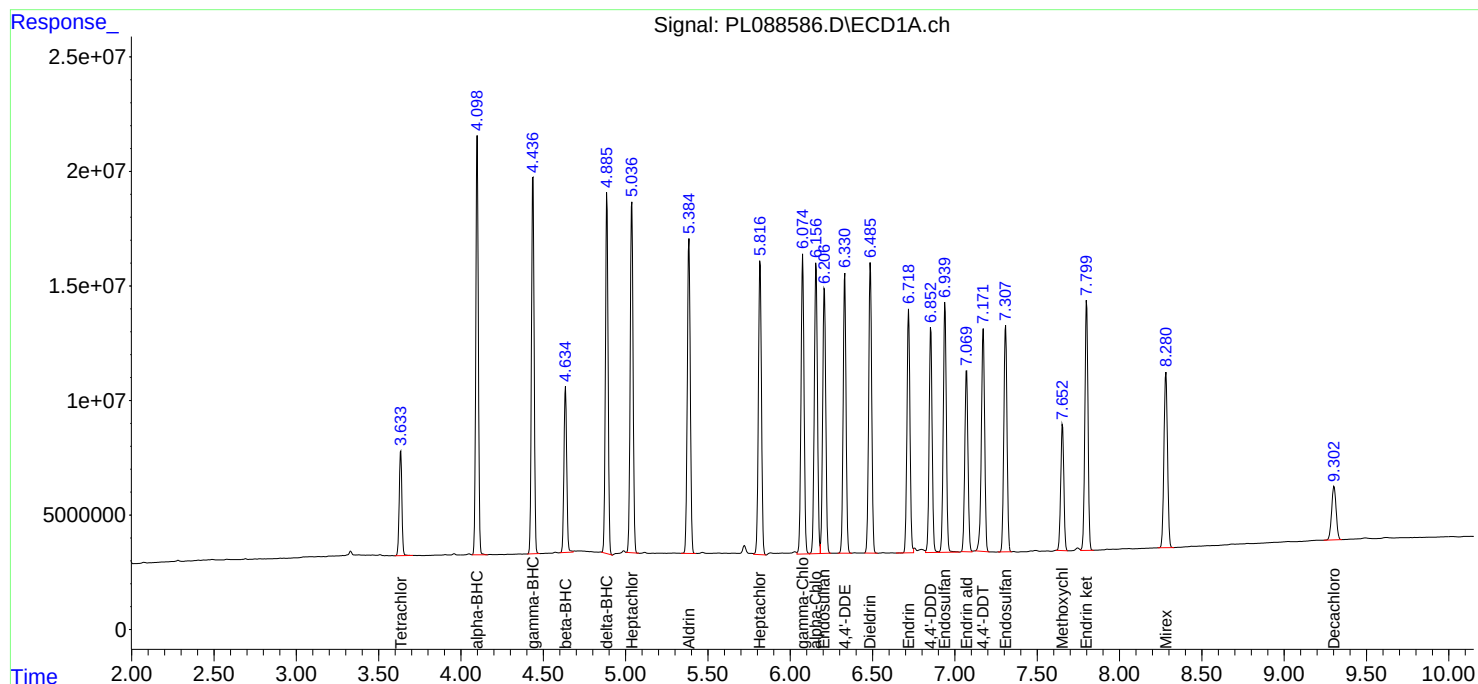
Manual Integrations

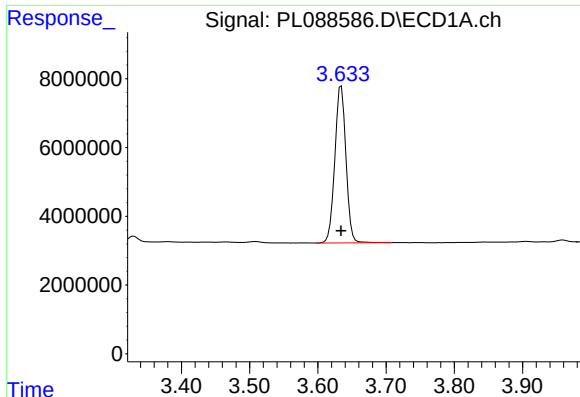
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 14 02:00:47 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
Quant Title : GC Extractables
QLast Update : Wed Mar 13 15:45:55 2024
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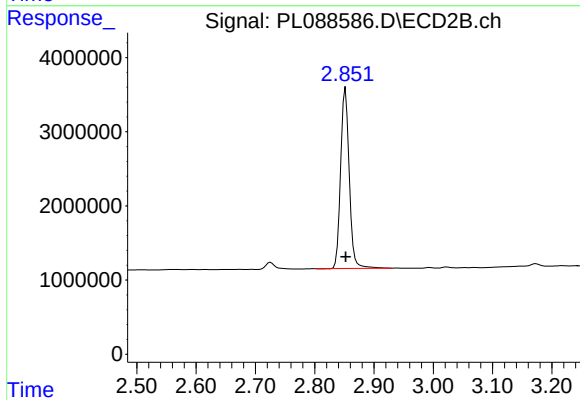
#1 Tetrachloro-m-xylene

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 51607228
Conc: 19.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-4

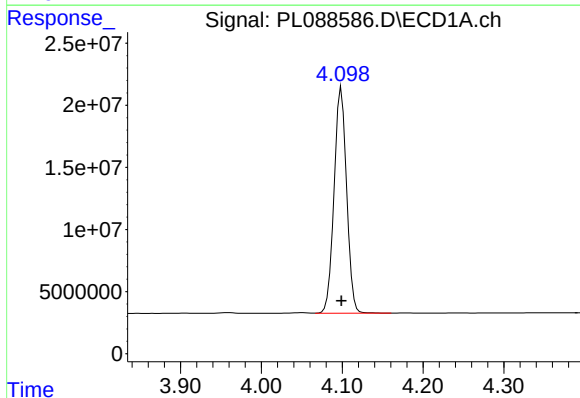
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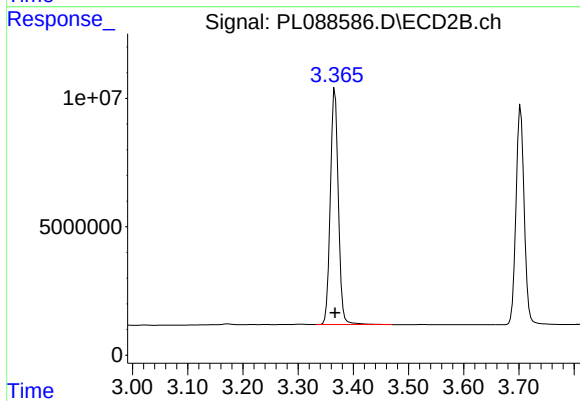
#1 Tetrachloro-m-xylene

R.T.: 2.852 min
Delta R.T.: 0.000 min
Response: 24669229
Conc: 18.51 ng/ml



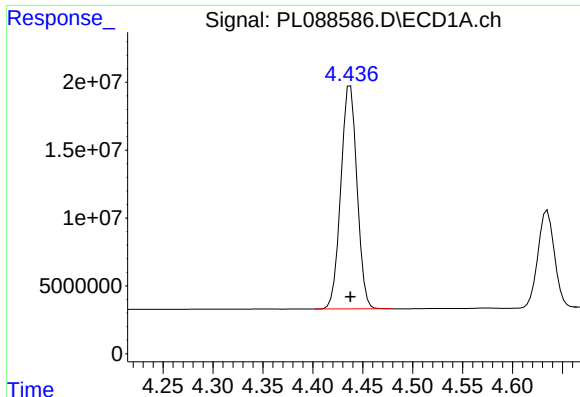
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 195441520
Conc: 48.96 ng/ml



#2 alpha-BHC

R.T.: 3.367 min
Delta R.T.: 0.000 min
Response: 92717755
Conc: 46.14 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 185827403
Conc: 47.92 ng/ml

Instrument :

ECD_L

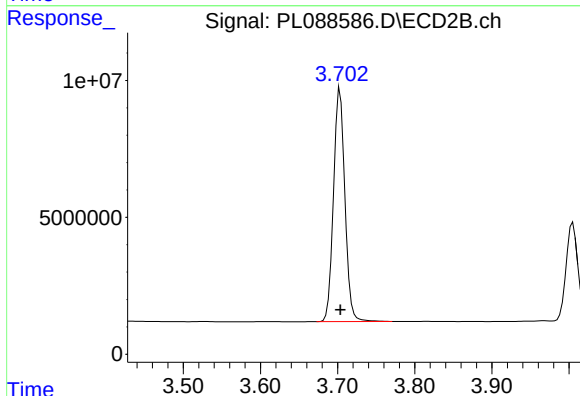
ClientSampleId :

SOIL IDOC-4

Manual Integrations

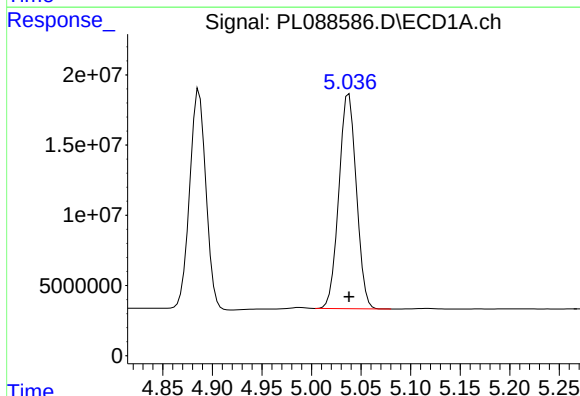
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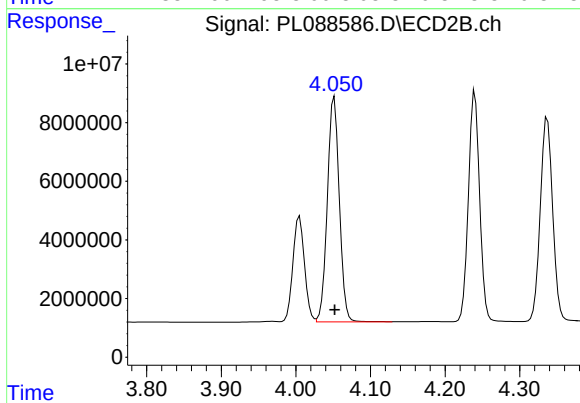
#3 gamma-BHC (Lindane)

R.T.: 3.703 min
Delta R.T.: 0.000 min
Response: 87850693
Conc: 45.78 ng/ml



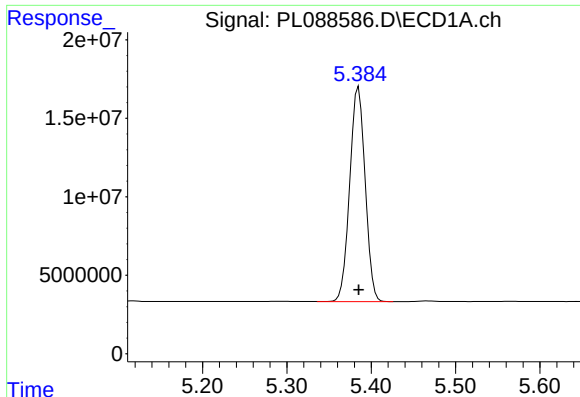
#4 Heptachlor

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 187723077
Conc: 49.43 ng/ml



#4 Heptachlor

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 85855720
Conc: 47.70 ng/ml



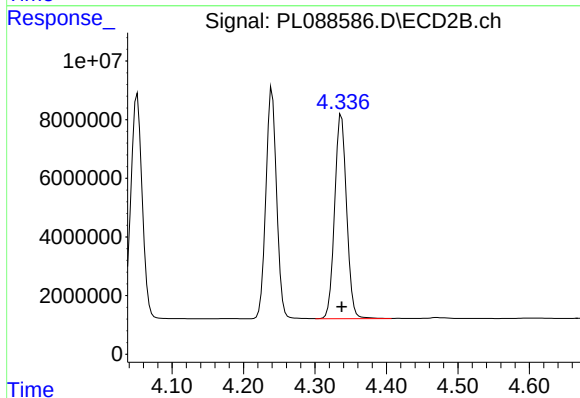
#5 Aldrin

R.T.: 5.385 min
Delta R.T.: 0.000 min
Response: 174184167
Conc: 47.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-4

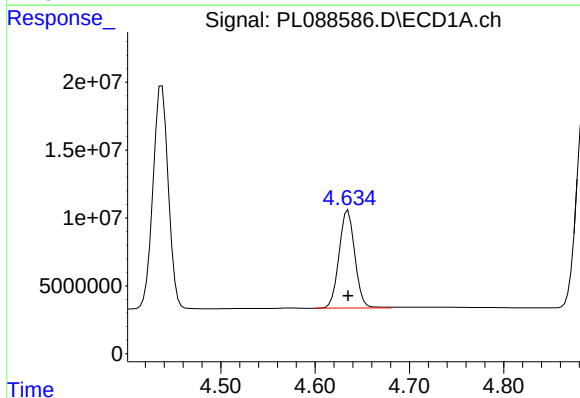
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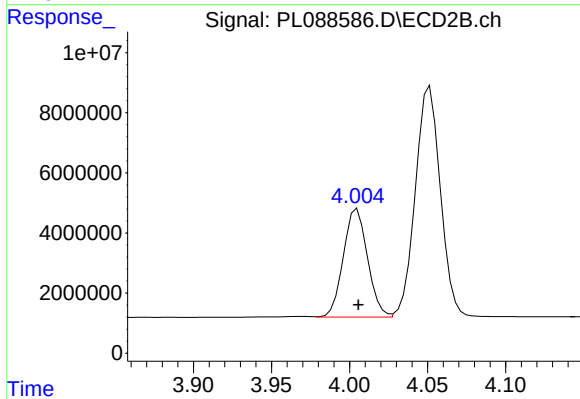
#5 Aldrin

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 80844196
Conc: 44.74 ng/ml



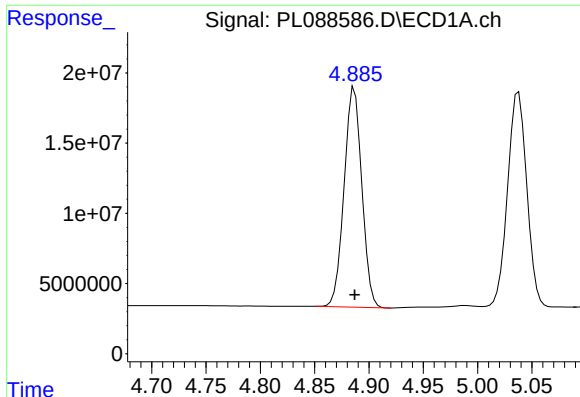
#6 beta-BHC

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 83919509
Conc: 47.32 ng/ml



#6 beta-BHC

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 38874965
Conc: 45.35 ng/ml



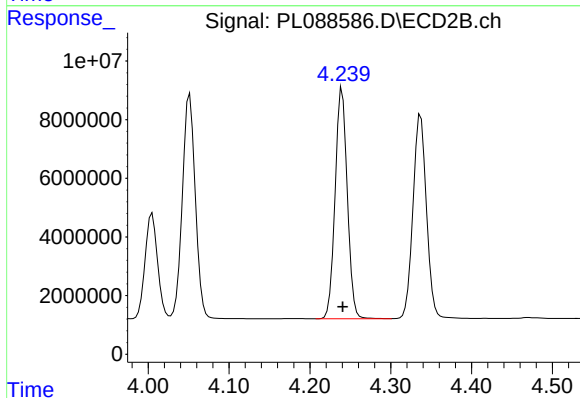
#7 delta-BHC

R.T.: 4.887 min
Delta R.T.: 0.000 min
Response: 177846771
Conc: 44.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-4

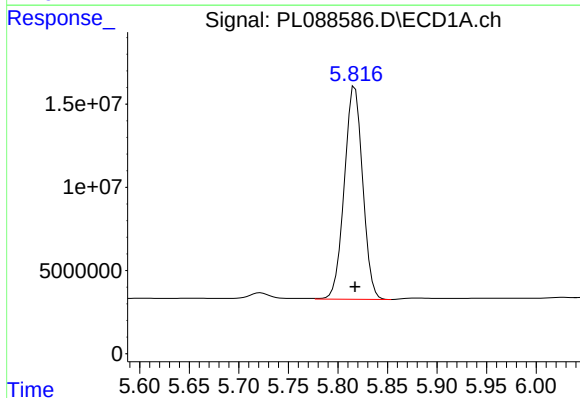
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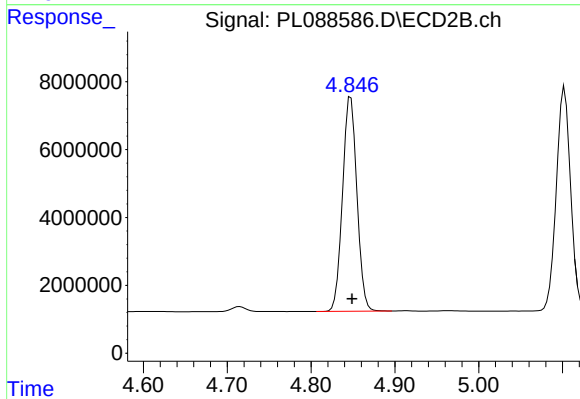
#7 delta-BHC

R.T.: 4.240 min
Delta R.T.: 0.000 min
Response: 82210454
Conc: 42.97 ng/ml



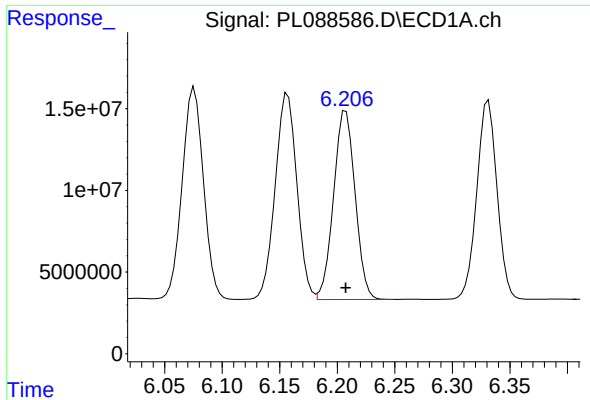
#8 Heptachlor epoxide

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 164978238
Conc: 48.03 ng/ml



#8 Heptachlor epoxide

R.T.: 4.847 min
Delta R.T.: -0.002 min
Response: 75438794
Conc: 45.87 ng/ml



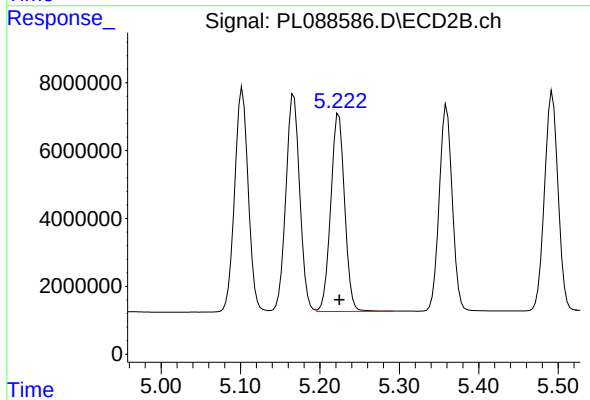
#9 Endosulfan I

R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 150558726
Conc: 49.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-4

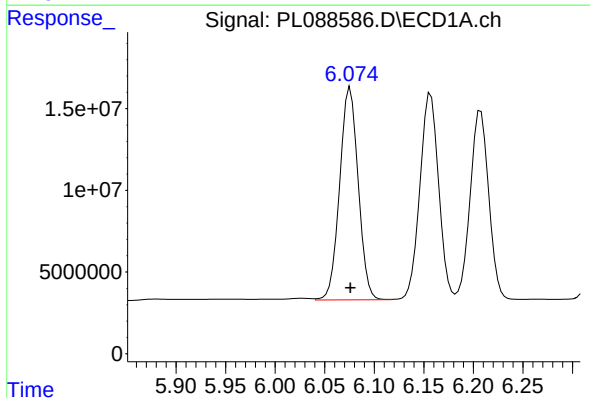
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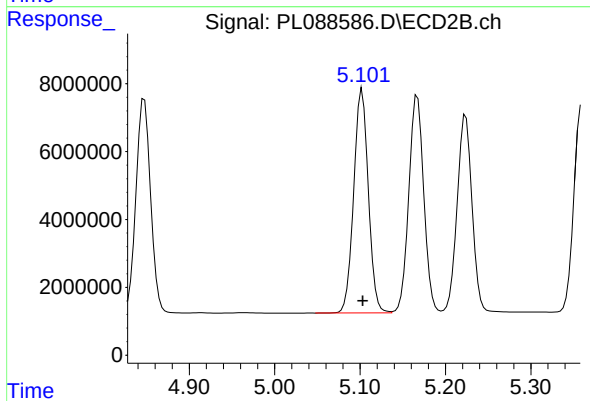
#9 Endosulfan I

R.T.: 5.224 min
Delta R.T.: 0.000 min
Response: 70785305
Conc: 47.09 ng/ml



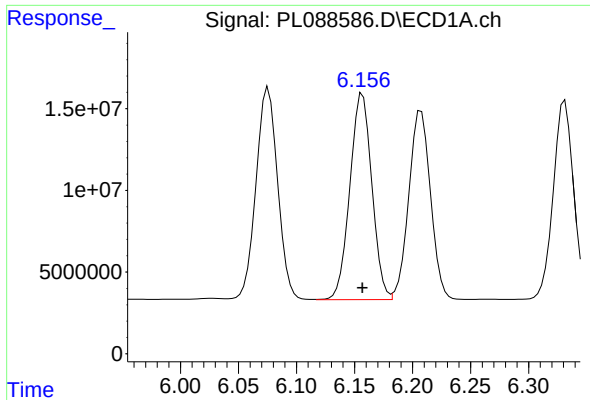
#10 gamma-Chlordane

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 169163526
Conc: 50.79 ng/ml



#10 gamma-Chlordane

R.T.: 5.102 min
Delta R.T.: 0.000 min
Response: 78431994
Conc: 47.35 ng/ml



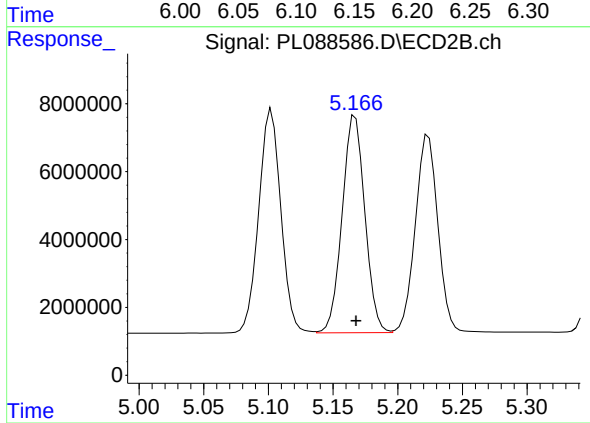
#11 alpha-Chlordane

R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 166391003
Conc: 50.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-4

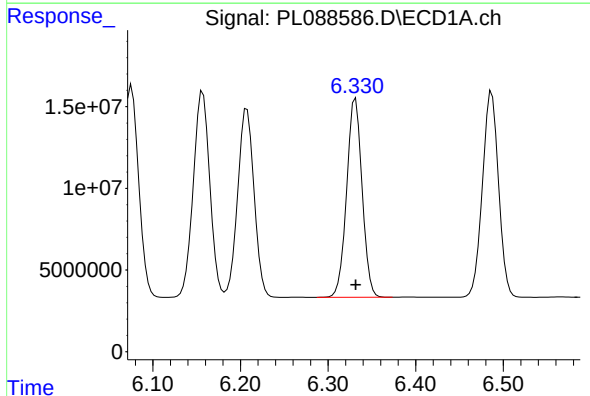
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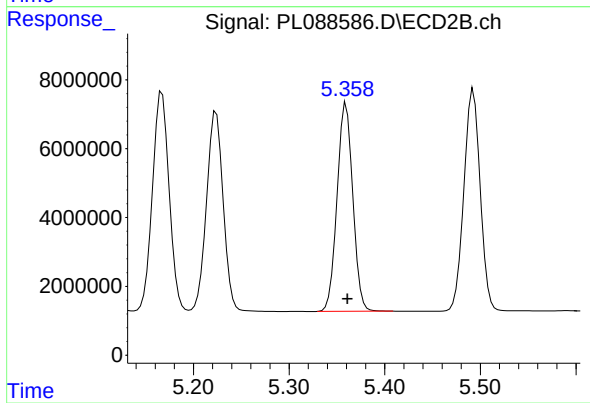
#11 alpha-Chlordane

R.T.: 5.167 min
Delta R.T.: 0.000 min
Response: 78034874
Conc: 47.01 ng/ml



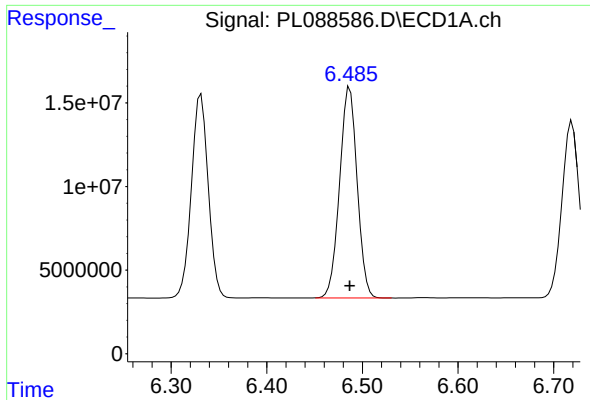
#12 4,4'-DDE

R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 149161054
Conc: 49.92 ng/ml



#12 4,4'-DDE

R.T.: 5.360 min
Delta R.T.: -0.001 min
Response: 69162178
Conc: 47.42 ng/ml



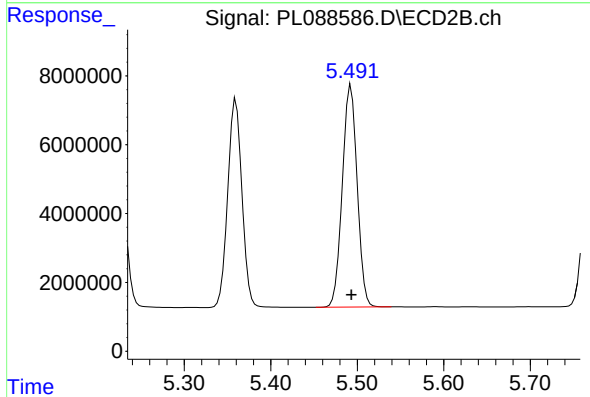
#13 Dieldrin

R.T.: 6.487 min
Delta R.T.: 0.000 min
Response: 161005393
Conc: 49.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-4

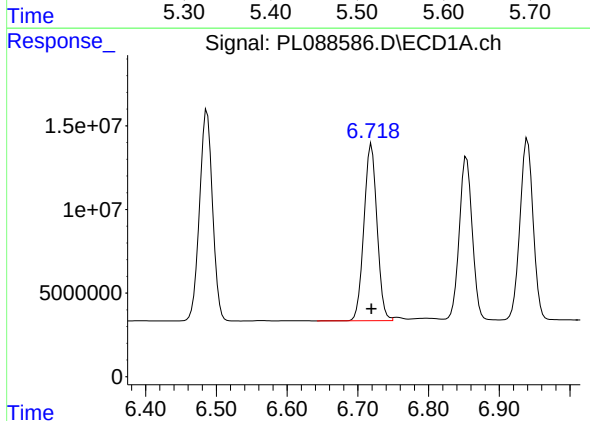
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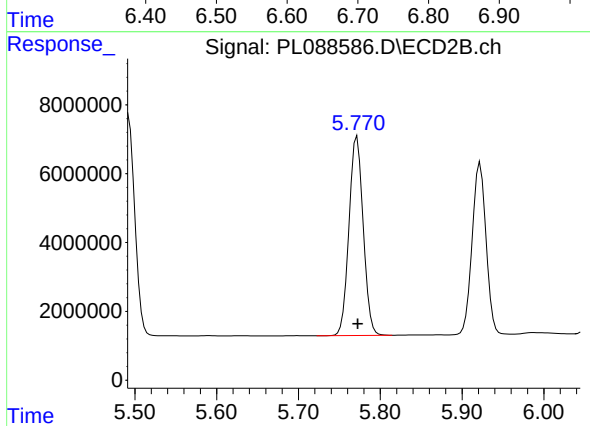
#13 Dieldrin

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 76447014
Conc: 47.07 ng/ml



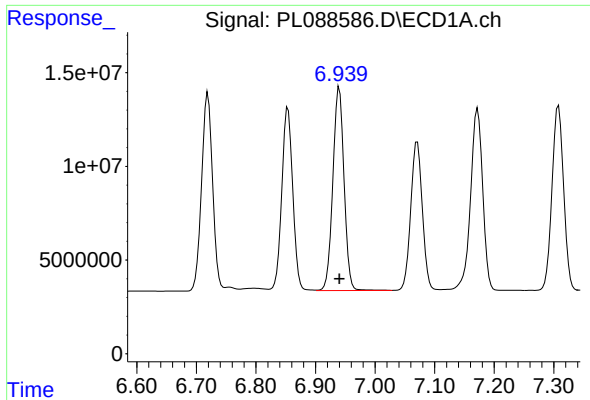
#14 Endrin

R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 135560161
Conc: 49.59 ng/ml



#14 Endrin

R.T.: 5.772 min
Delta R.T.: -0.001 min
Response: 69396673
Conc: 48.14 ng/ml



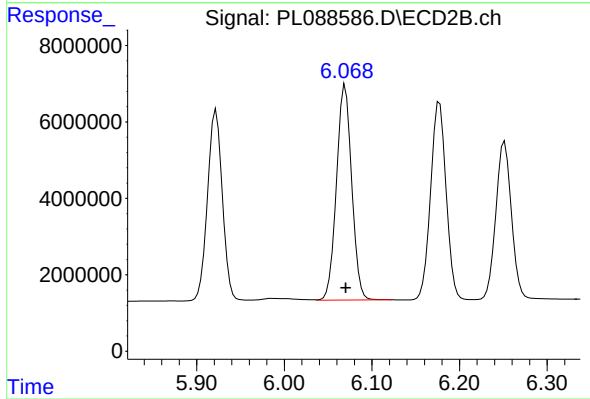
#15 Endosulfan II

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 141836835
Conc: 49.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-4

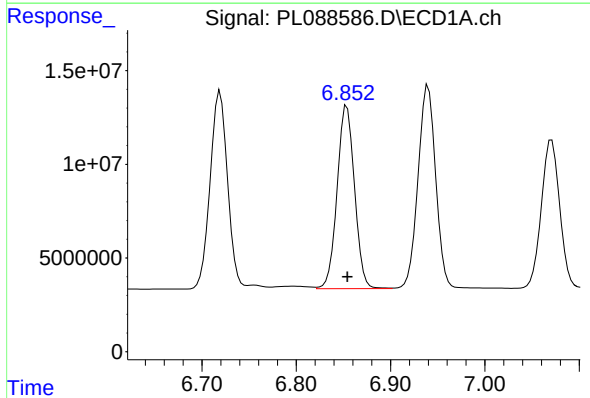
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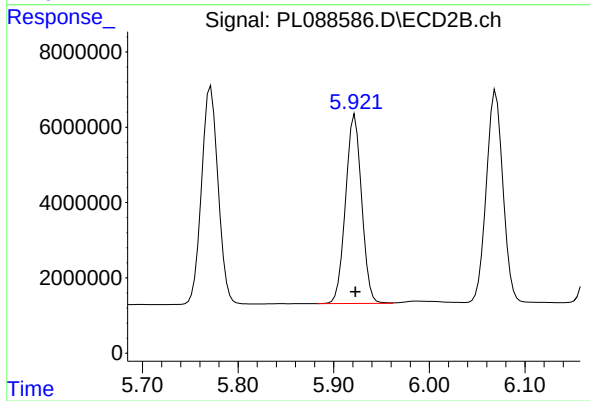
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 68096029
Conc: 47.36 ng/ml



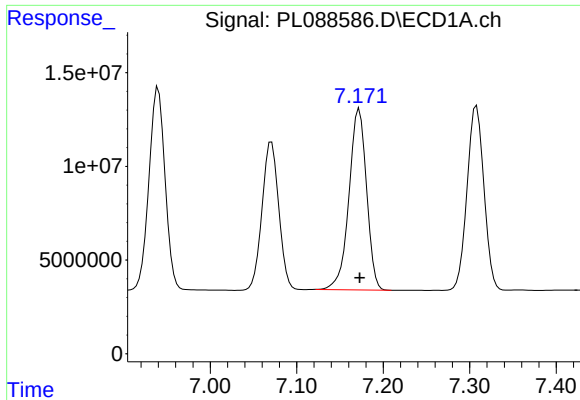
#16 4,4'-DDD

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 125533789
Conc: 49.29 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 58881478
Conc: 47.28 ng/ml



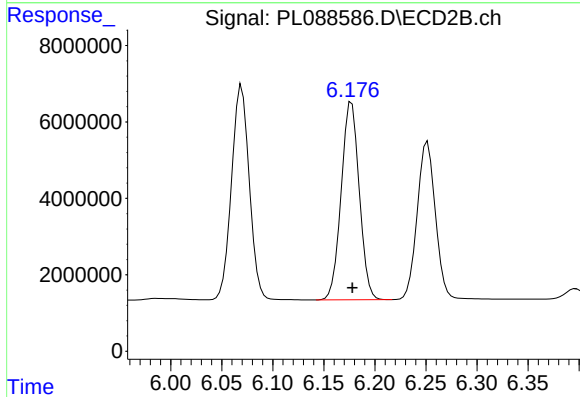
#17 4,4'-DDT

R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 136109734
Conc: 51.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-4

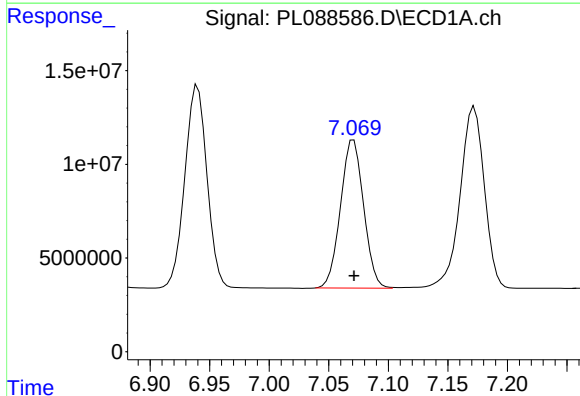
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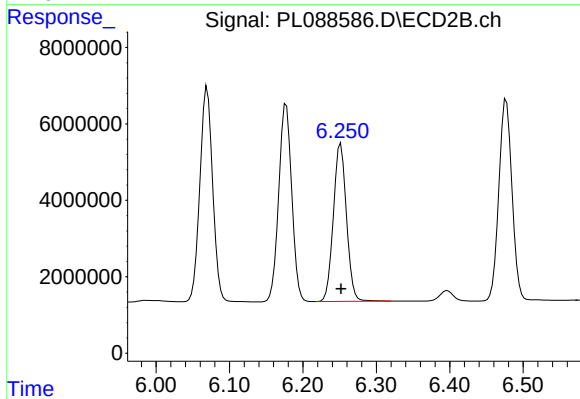
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 63806386
Conc: 47.54 ng/ml



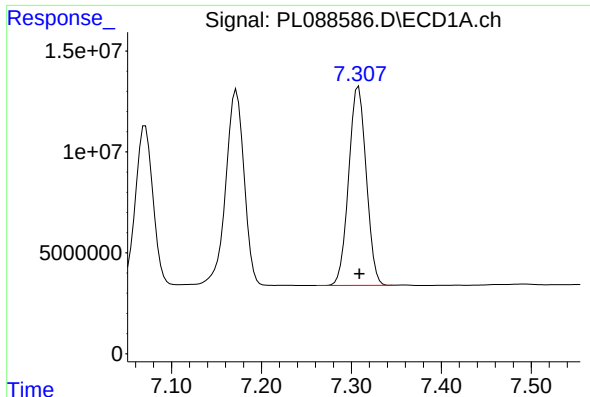
#18 Endrin aldehyde

R.T.: 7.069 min
Delta R.T.: -0.002 min
Response: 106714060
Conc: 51.11 ng/ml m



#18 Endrin aldehyde

R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 51319217
Conc: 48.97 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.308 min
Delta R.T.: 0.000 min
Response: 133470028
Conc: 48.34 ng/ml

Instrument :

ECD_L

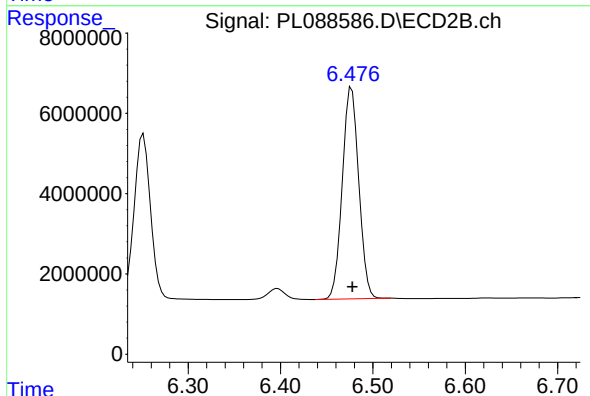
ClientSampleId :

SOIL IDOC-4

Manual Integrations

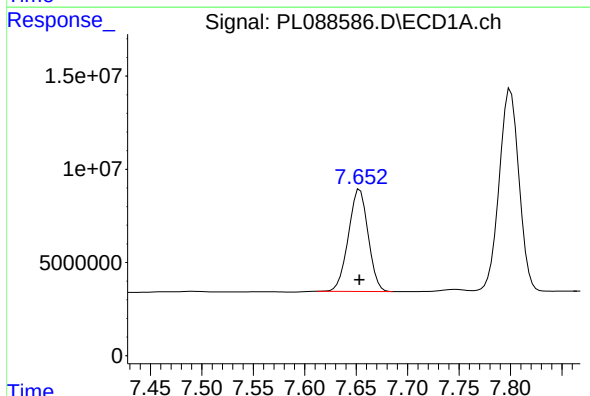
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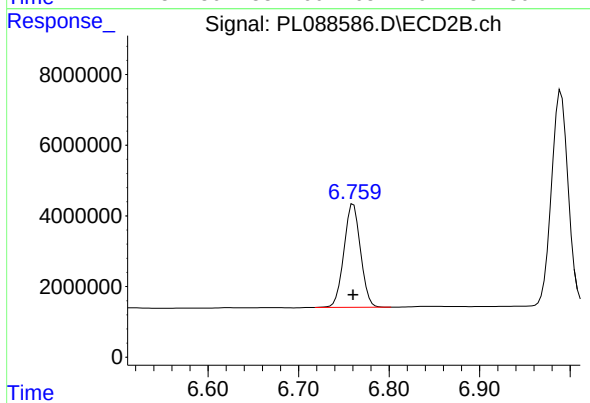
#19 Endosulfan Sulfate

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 65339170
Conc: 47.09 ng/ml



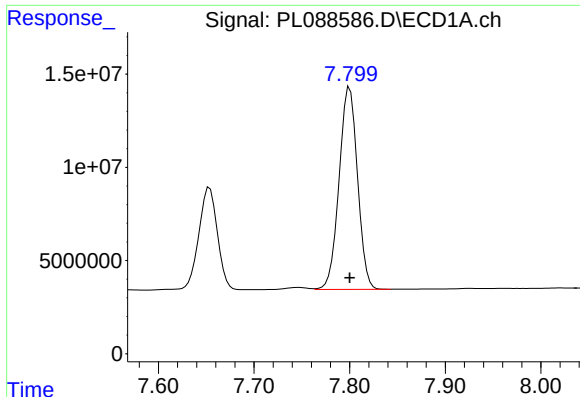
#20 Methoxychlor

R.T.: 7.654 min
Delta R.T.: 0.000 min
Response: 73168297
Conc: 48.57 ng/ml



#20 Methoxychlor

R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 37213624
Conc: 46.40 ng/ml



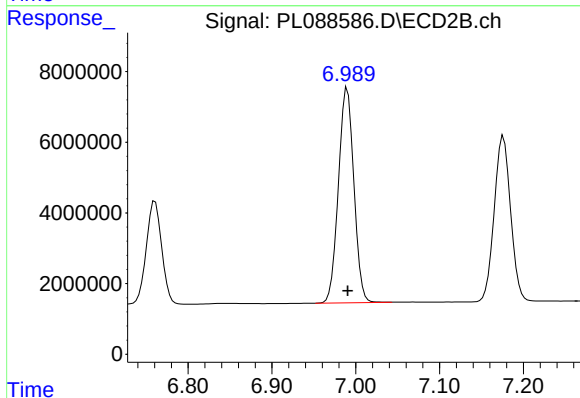
#21 Endrin ketone

R.T.: 7.800 min
Delta R.T.: 0.000 min
Response: 145526110
Conc: 49.22 ng/ml

Instrument :
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ClientSampleId :
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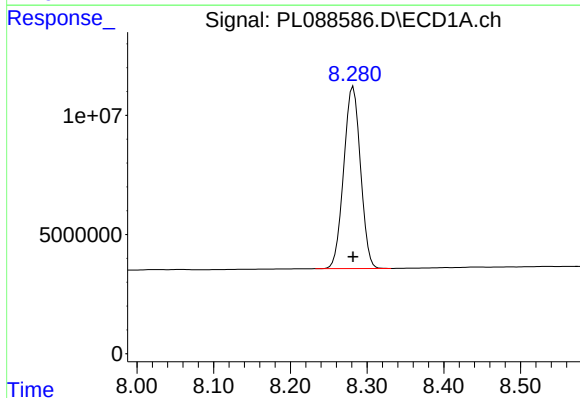
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Supervised By :Ankita Jodhani 03/14/2024



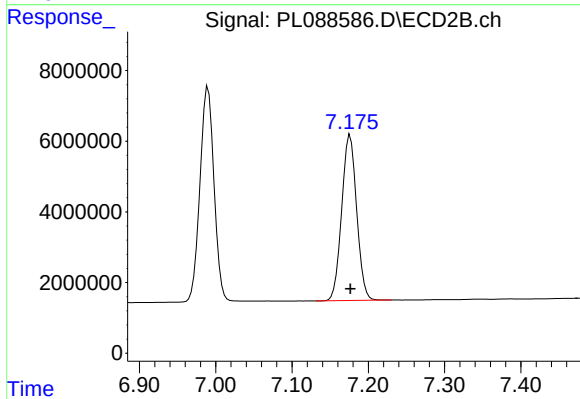
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: 0.000 min
Response: 77982654
Conc: 47.24 ng/ml



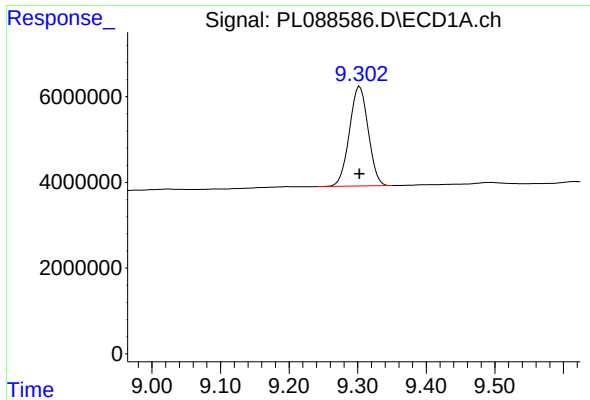
#22 Mirex

R.T.: 8.282 min
Delta R.T.: 0.000 min
Response: 116590042
Conc: 49.73 ng/ml



#22 Mirex

R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 63839109
Conc: 47.34 ng/ml



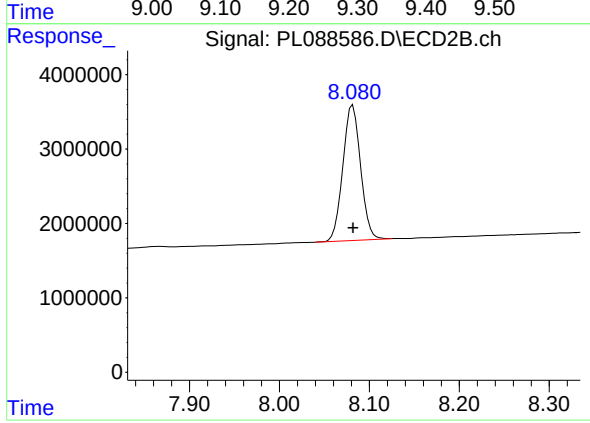
#28 Decachlorobiphenyl

R.T.: 9.303 min
Delta R.T.: 0.000 min
Response: 44240954
Conc: 17.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-4

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/14/2024
Supervised By :Ankita Jodhani 03/14/2024



#28 Decachlorobiphenyl

R.T.: 8.082 min
Delta R.T.: 0.000 min
Response: 25024526
Conc: 18.46 ng/ml