

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031424\
 Data File : PL088584.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Mar 2024 19:13
 Operator : AR\AJ
 Sample : SOIL IDOC-2
 Misc : FOR EVELYN
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL IDOC-2

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 02:00:03 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	51406462	24475405	19.399	18.365
28)	SA Decachlor...	9.301	8.081	44129133	24802085	17.852	18.292
Target Compounds							
2)	A alpha-BHC	4.099	3.366	194.8E6	92269875	48.795	45.918
3)	MA gamma-BHC...	4.437	3.703	185.5E6	87470373	47.820	45.578
4)	MA Heptachlor	5.038	4.051	187.3E6	85433923	49.312	47.470
5)	MB Aldrin	5.385	4.337	174.1E6	80438668	47.512	44.513
6)	B beta-BHC	4.635	4.005	83756849	38797056	47.228	45.258
7)	B delta-BHC	4.887	4.240	177.6E6	81864130	44.098	42.792
8)	B Heptachlo...	5.817	4.848	164.8E6	75290974	47.970	45.784
9)	A Endosulfan I	6.207	5.224	150.1E6	70405613	49.108	46.836
10)	B gamma-Chl...	6.076	5.102	168.7E6	78091468	50.659	47.148
11)	B alpha-Chl...	6.157	5.168	166.0E6	77630068	49.940	46.767
12)	B 4,4'-DDE	6.331	5.360	148.4E6	68702962	49.682	47.102
13)	MA Dieldrin	6.486	5.493	160.4E6	75838386	49.479	46.694
14)	MA Endrin	6.718	5.772	135.7E6	68989592	49.647	47.862
15)	B Endosulfa...	6.940	6.070	141.2E6	67748187	49.311	47.116
16)	A 4,4'-DDD	6.853	5.922	124.6E6	58649739	48.913	47.094
17)	MA 4,4'-DDT	7.172	6.177	135.6E6	63550287	50.863	47.348
18)	B Endrin al...	7.070	6.252	105.5E6	50926647	50.515m	48.597
19)	B Endosulfa...	7.308	6.477	132.4E6	64868401	47.961	46.754
20)	A Methoxychlor	7.652	6.761	73061362	36934473	48.497	46.049
21)	B Endrin ke...	7.799	6.990	144.7E6	77561487	48.947	46.987
22)	Mirex	8.281	7.176	116.1E6	63377666	49.530	47.001

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031424\
Data File : PL088584.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Mar 2024 19:13
Operator : AR\AJ
Sample : SOIL IDOC-2
Misc : FOR EVELYN
ALS Vial : 31 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

SOIL IDOC-2

Manual Integrations

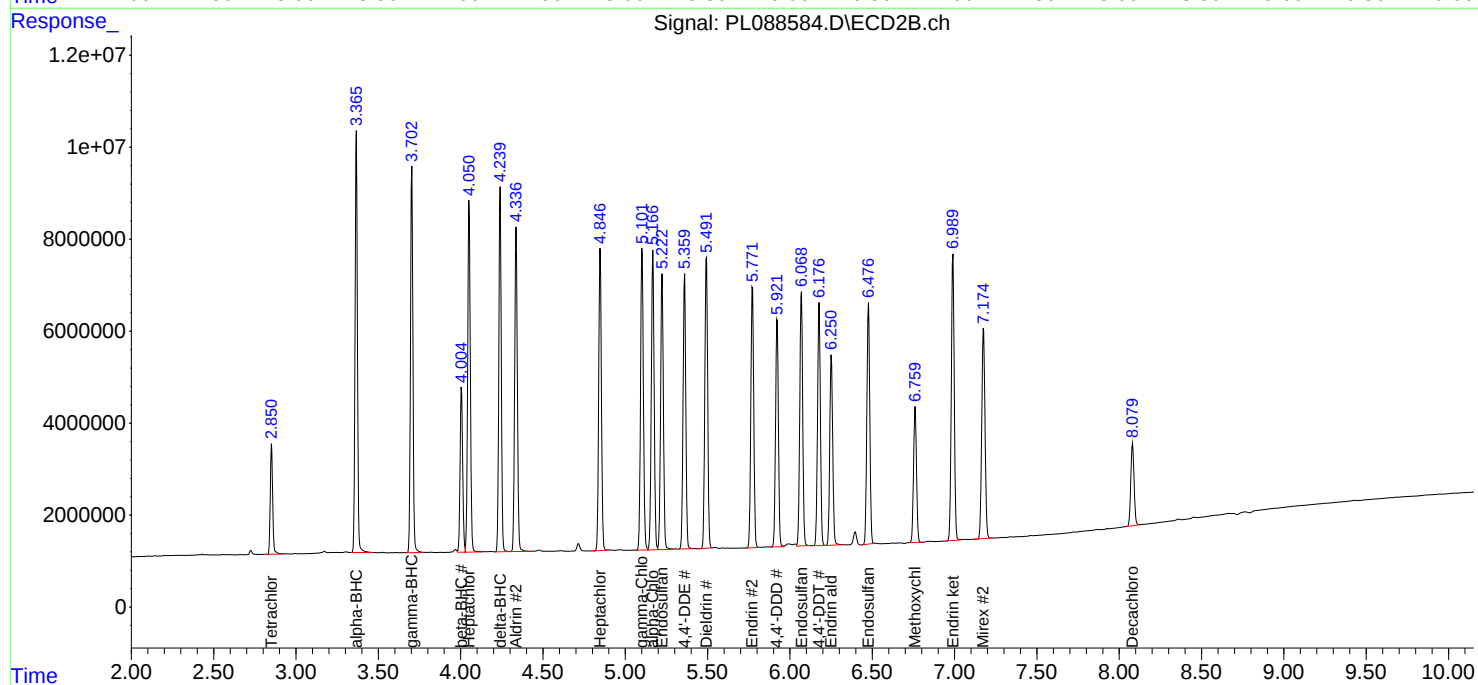
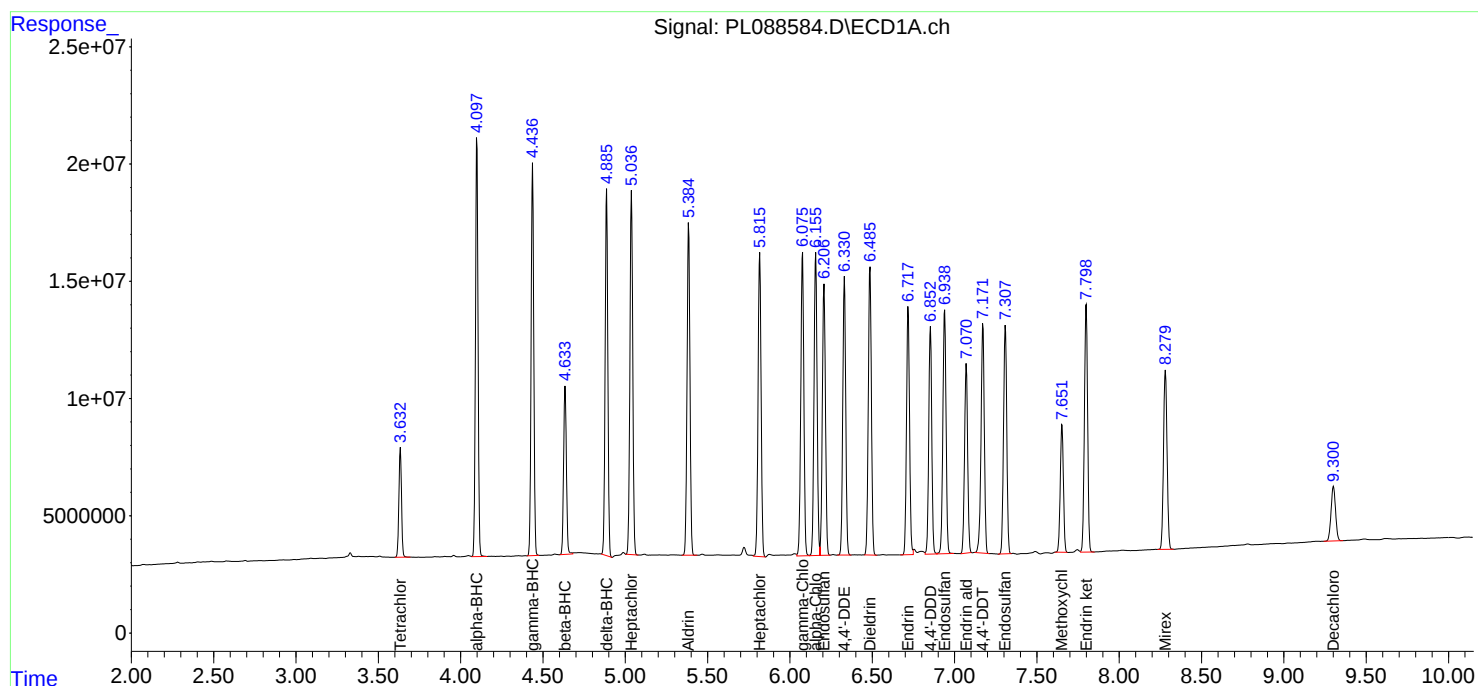
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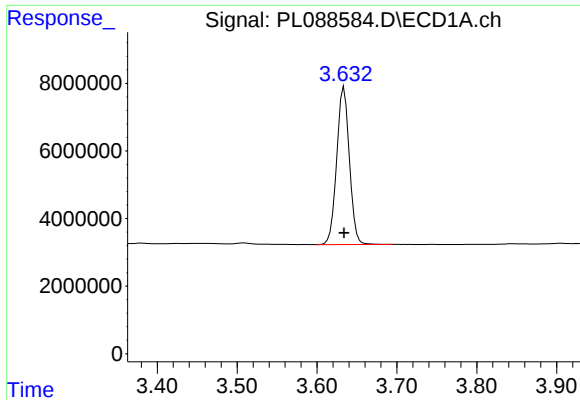
Reviewed By :Abdul Mirza 03/14/2024

Supervised By :Ankita Jodhani 03/14/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 14 02:00:03 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





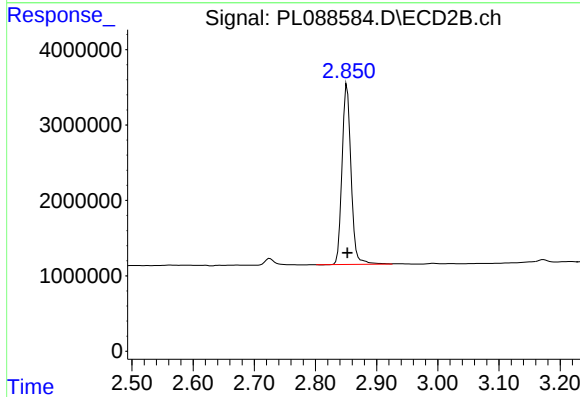
#1 Tetrachloro-m-xylene

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 51406462
Conc: 19.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-2

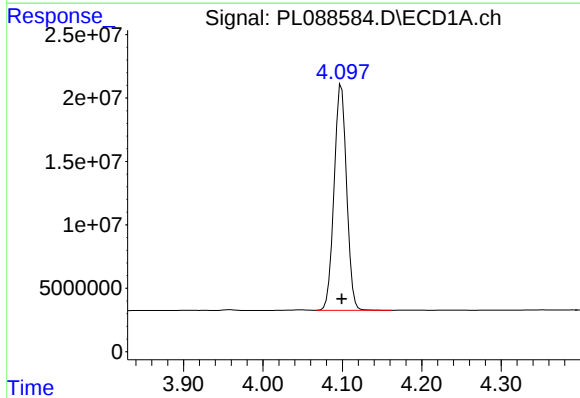
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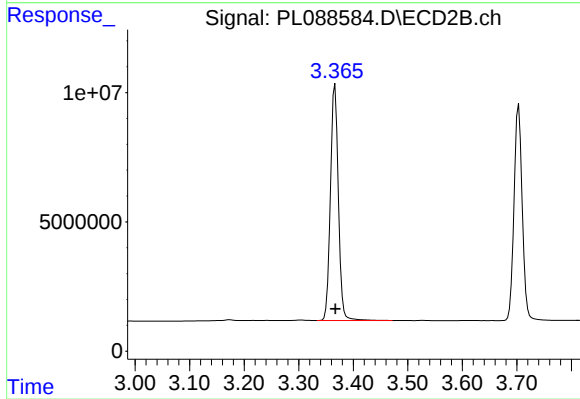
#1 Tetrachloro-m-xylene

R.T.: 2.852 min
Delta R.T.: 0.000 min
Response: 24475405
Conc: 18.36 ng/ml



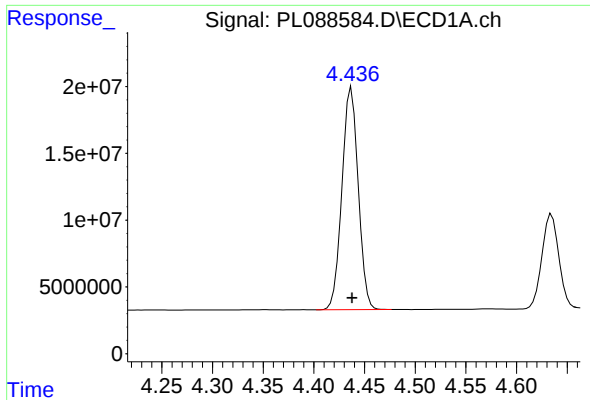
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 194776621
Conc: 48.80 ng/ml



#2 alpha-BHC

R.T.: 3.366 min
Delta R.T.: 0.000 min
Response: 92269875
Conc: 45.92 ng/ml



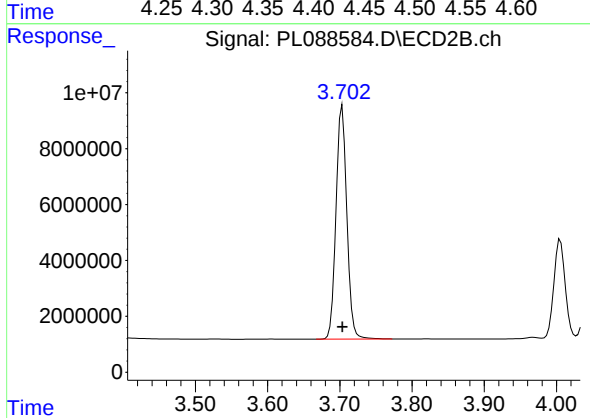
#3 gamma-BHC (Lindane)

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 185454429
Conc: 47.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-2

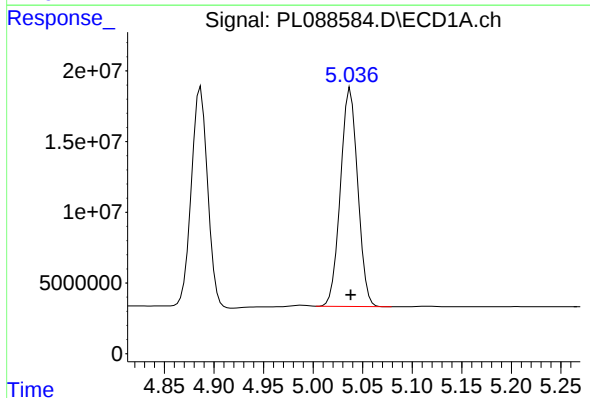
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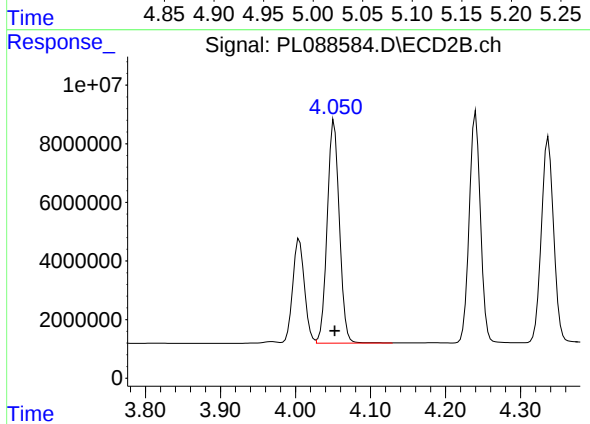
#3 gamma-BHC (Lindane)

R.T.: 3.703 min
Delta R.T.: 0.000 min
Response: 87470373
Conc: 45.58 ng/ml



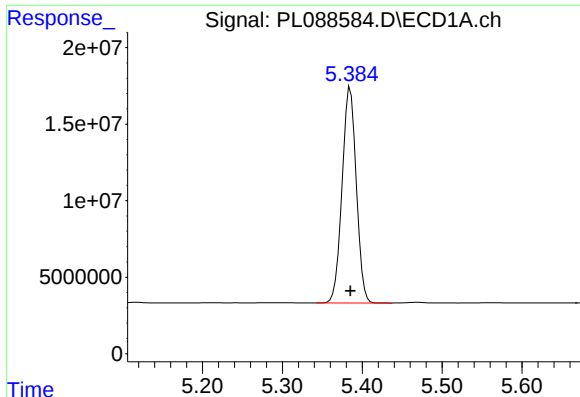
#4 Heptachlor

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 187257465
Conc: 49.31 ng/ml



#4 Heptachlor

R.T.: 4.051 min
Delta R.T.: 0.000 min
Response: 85433923
Conc: 47.47 ng/ml



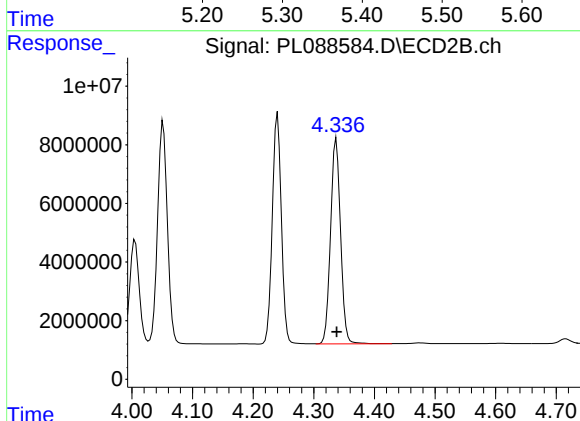
#5 Aldrin

R.T.: 5.385 min
Delta R.T.: 0.000 min
Response: 174106422
Conc: 47.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-2

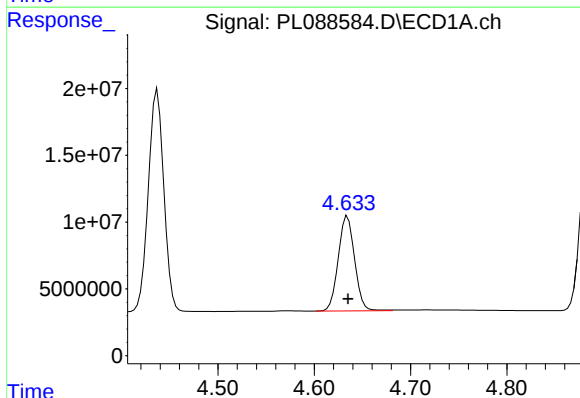
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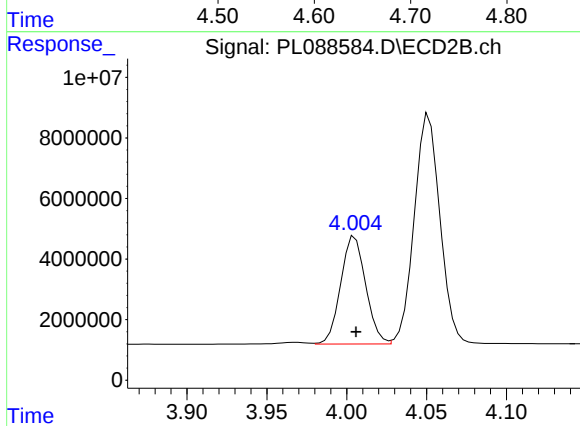
#5 Aldrin

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 80438668
Conc: 44.51 ng/ml



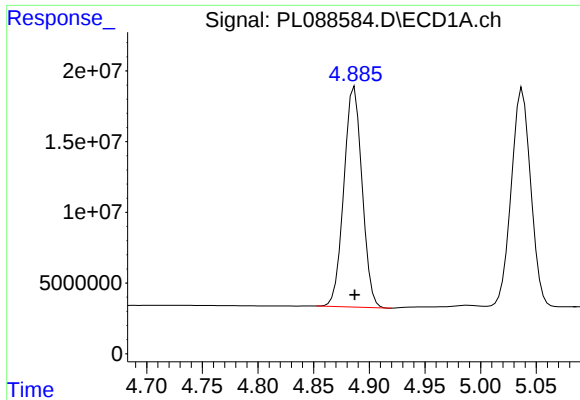
#6 beta-BHC

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 83756849
Conc: 47.23 ng/ml



#6 beta-BHC

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 38797056
Conc: 45.26 ng/ml



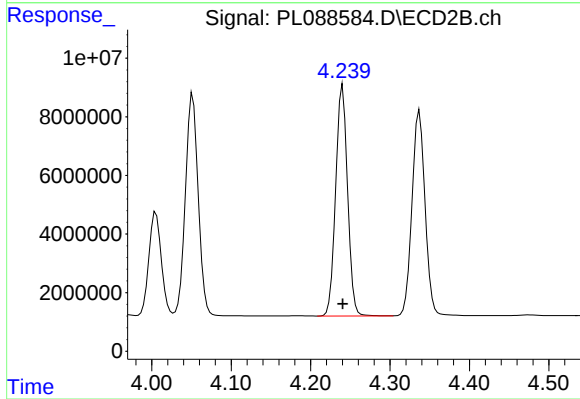
#7 delta-BHC

R.T.: 4.887 min
Delta R.T.: 0.000 min
Response: 177636091
Conc: 44.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-2

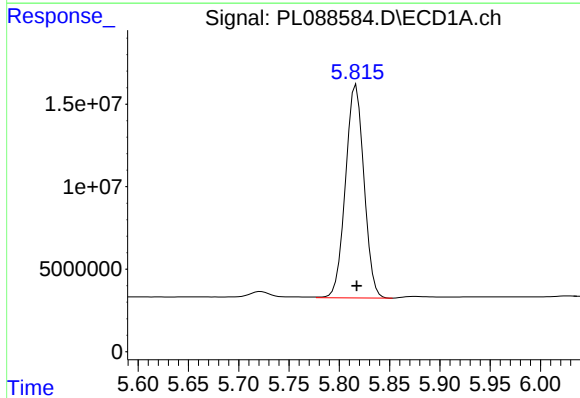
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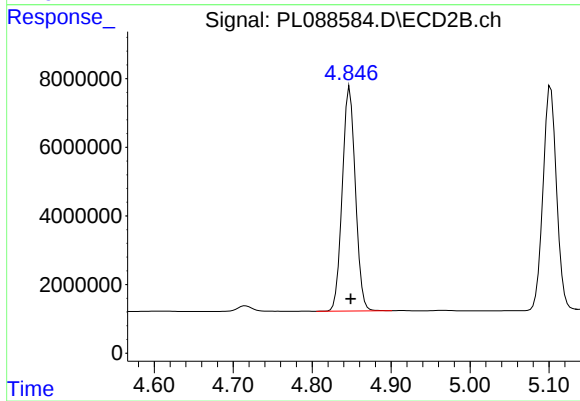
#7 delta-BHC

R.T.: 4.240 min
Delta R.T.: 0.000 min
Response: 81864130
Conc: 42.79 ng/ml



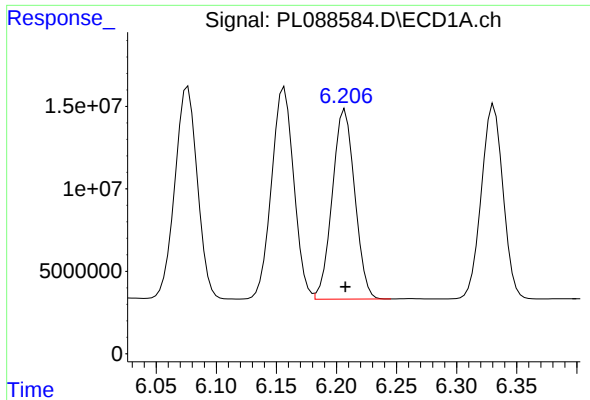
#8 Heptachlor epoxide

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 164774960
Conc: 47.97 ng/ml



#8 Heptachlor epoxide

R.T.: 4.848 min
Delta R.T.: -0.001 min
Response: 75290974
Conc: 45.78 ng/ml



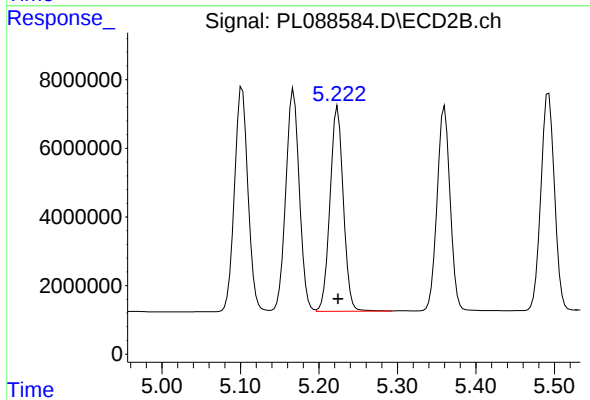
#9 Endosulfan I

R.T.: 6.207 min
Delta R.T.: 0.000 min
Response: 150095449
Conc: 49.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-2

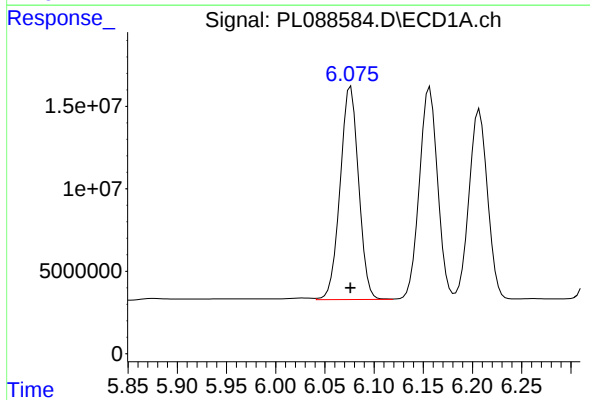
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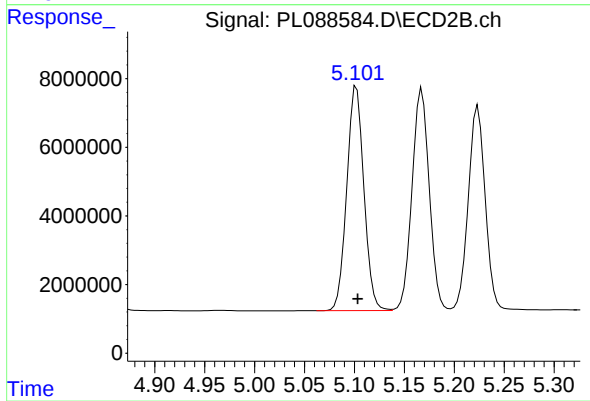
#9 Endosulfan I

R.T.: 5.224 min
Delta R.T.: 0.000 min
Response: 70405613
Conc: 46.84 ng/ml



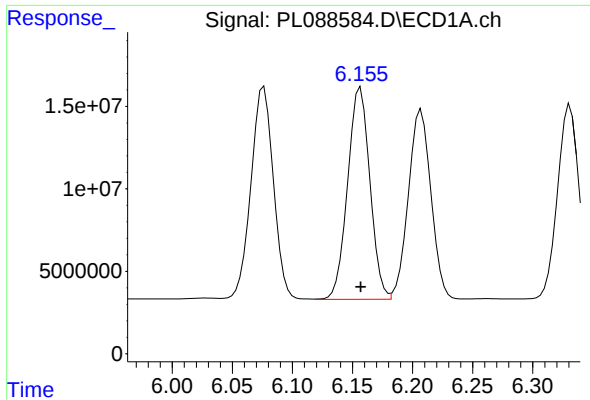
#10 gamma-Chlordane

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 168734366
Conc: 50.66 ng/ml



#10 gamma-Chlordane

R.T.: 5.102 min
Delta R.T.: -0.001 min
Response: 78091468
Conc: 47.15 ng/ml



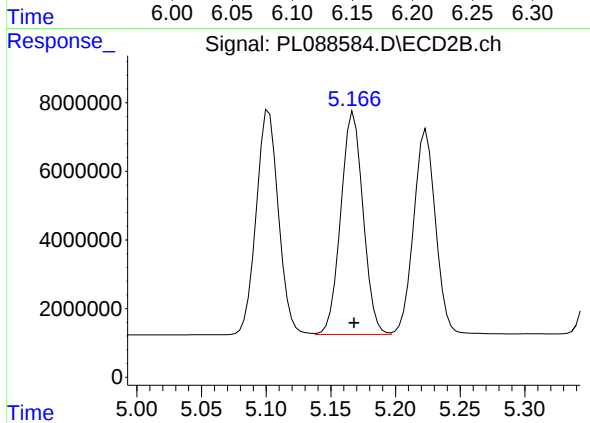
#11 alpha-Chlordane

R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 166003360
Conc: 49.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-2

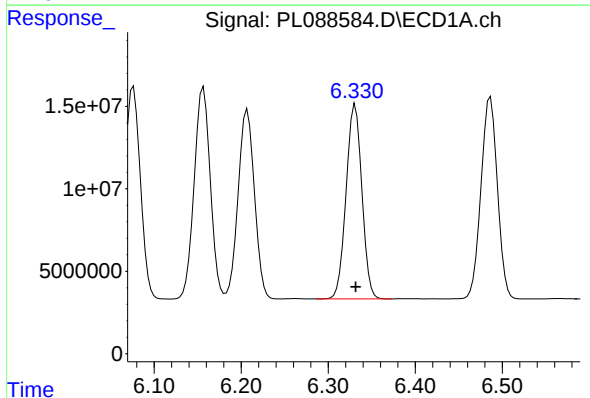
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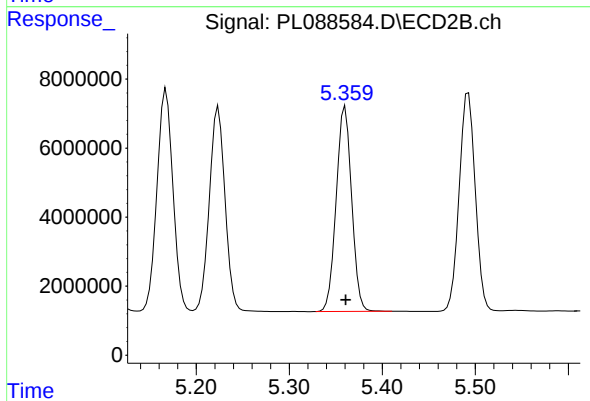
#11 alpha-Chlordane

R.T.: 5.168 min
Delta R.T.: 0.000 min
Response: 77630068
Conc: 46.77 ng/ml



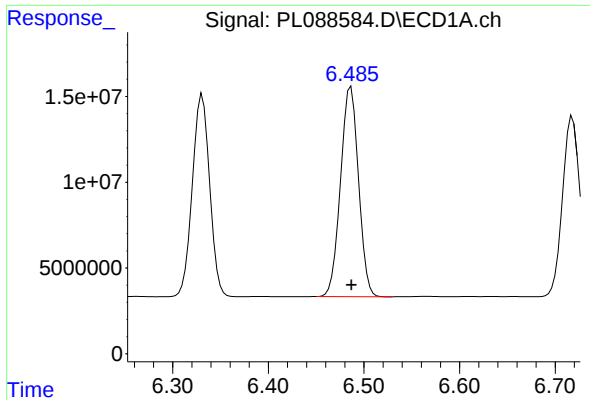
#12 4,4'-DDE

R.T.: 6.331 min
Delta R.T.: 0.000 min
Response: 148435989
Conc: 49.68 ng/ml



#12 4,4'-DDE

R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 68702962
Conc: 47.10 ng/ml



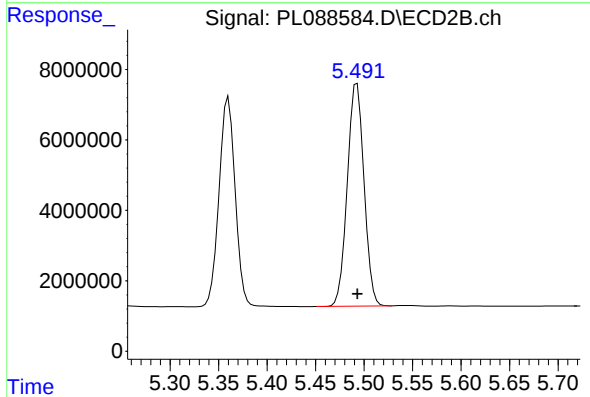
#13 Dieldrin

R.T.: 6.486 min
Delta R.T.: 0.000 min
Response: 160445296
Conc: 49.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-2

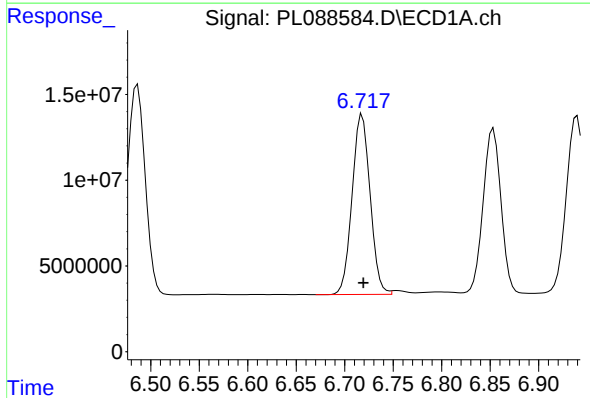
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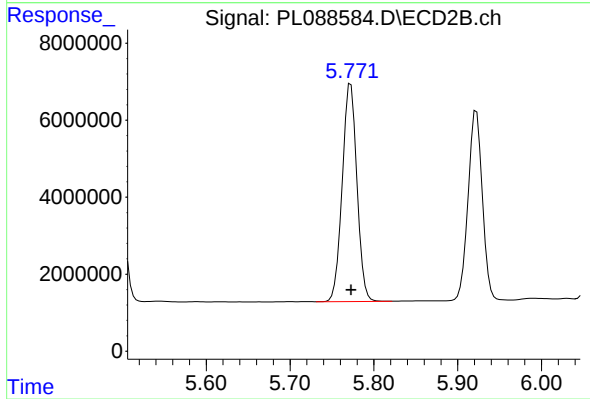
#13 Dieldrin

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 75838386
Conc: 46.69 ng/ml



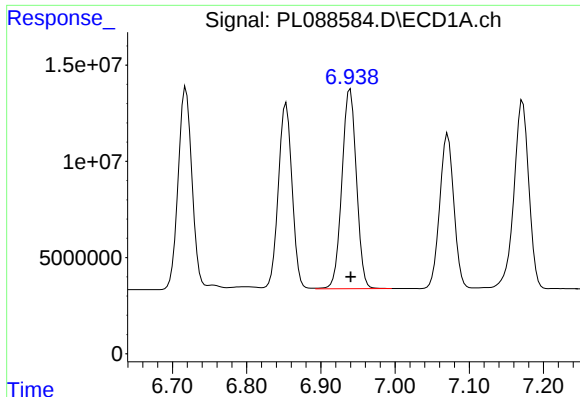
#14 Endrin

R.T.: 6.718 min
Delta R.T.: -0.001 min
Response: 135719803
Conc: 49.65 ng/ml



#14 Endrin

R.T.: 5.772 min
Delta R.T.: 0.000 min
Response: 68989592
Conc: 47.86 ng/ml



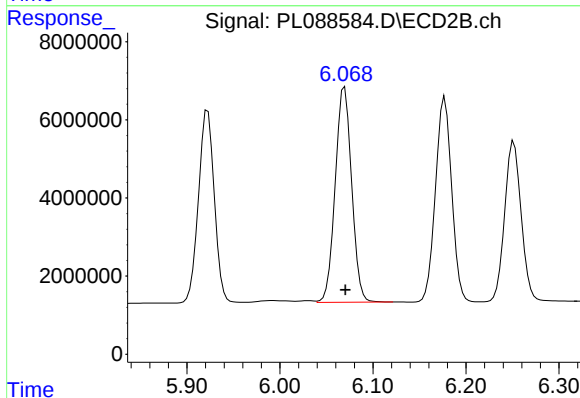
#15 Endosulfan II

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 141235819
Conc: 49.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-2

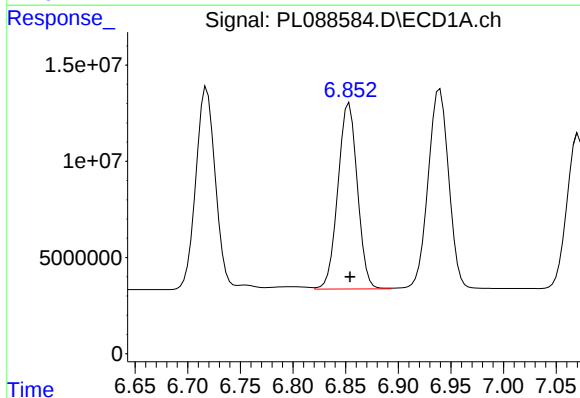
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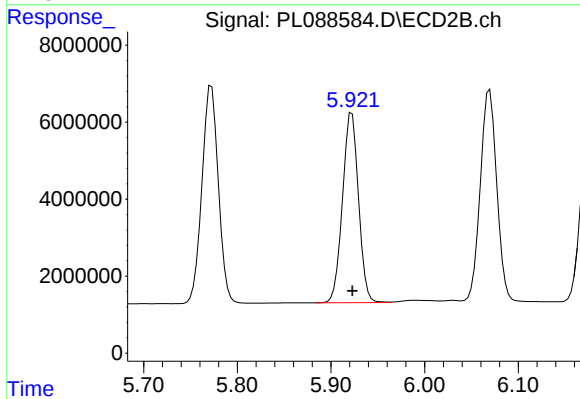
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 67748187
Conc: 47.12 ng/ml



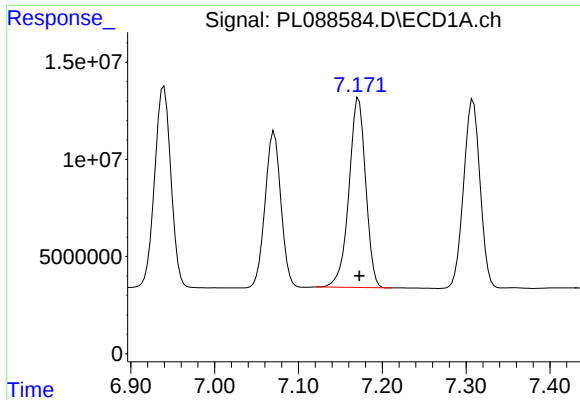
#16 4,4'-DDD

R.T.: 6.853 min
Delta R.T.: 0.000 min
Response: 124570417
Conc: 48.91 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: 0.000 min
Response: 58649739
Conc: 47.09 ng/ml



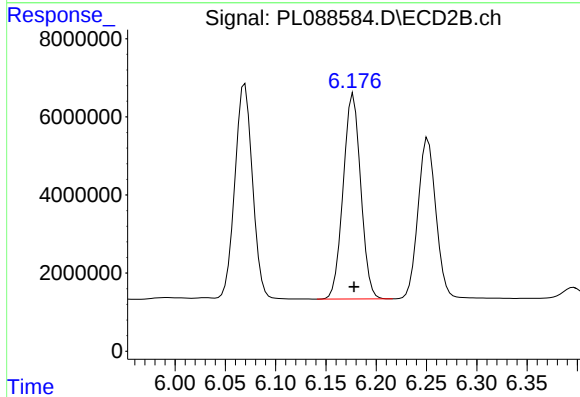
#17 4,4'-DDT

R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 135573624
Conc: 50.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-2

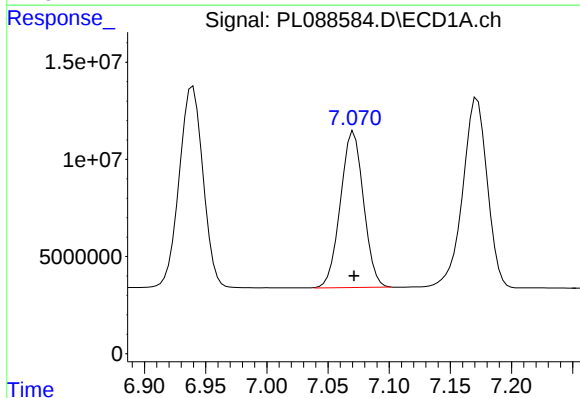
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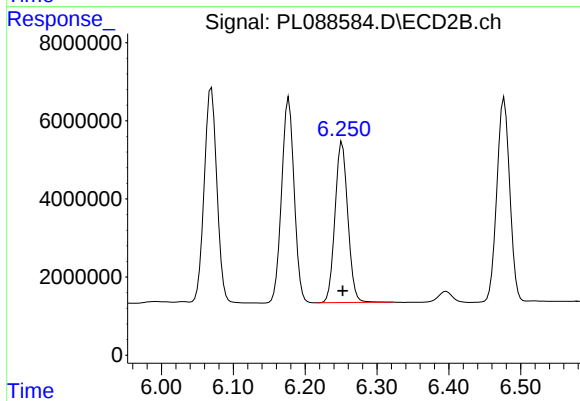
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 63550287
Conc: 47.35 ng/ml



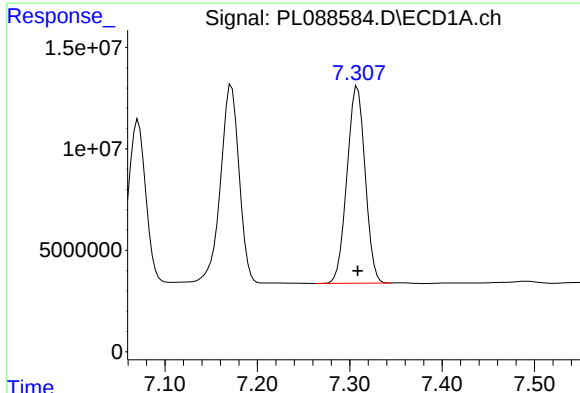
#18 Endrin aldehyde

R.T.: 7.070 min
Delta R.T.: -0.002 min
Response: 105466221
Conc: 50.51 ng/ml m



#18 Endrin aldehyde

R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 50926647
Conc: 48.60 ng/ml



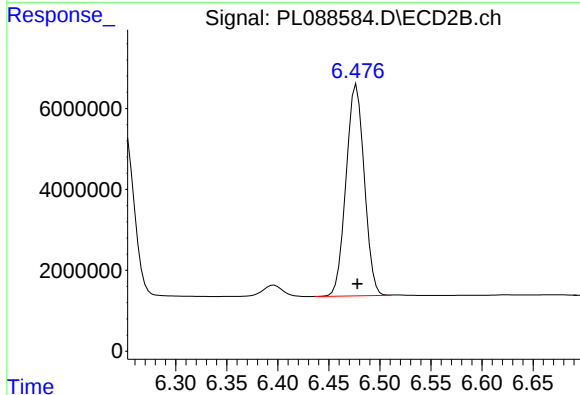
#19 Endosulfan Sulfate

R.T.: 7.308 min
Delta R.T.: 0.000 min
Response: 132435342
Conc: 47.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-2

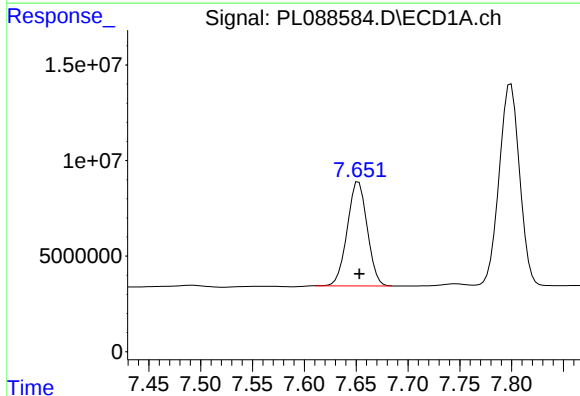
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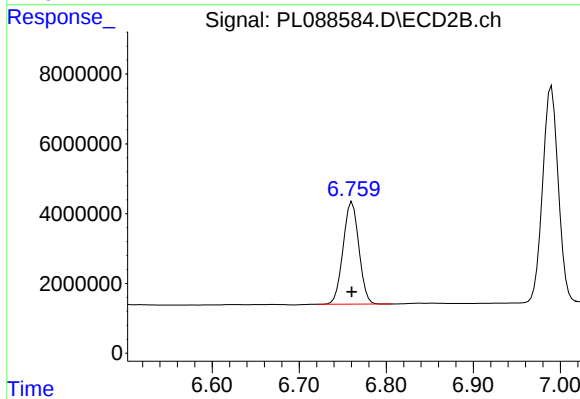
#19 Endosulfan Sulfate

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 64868401
Conc: 46.75 ng/ml



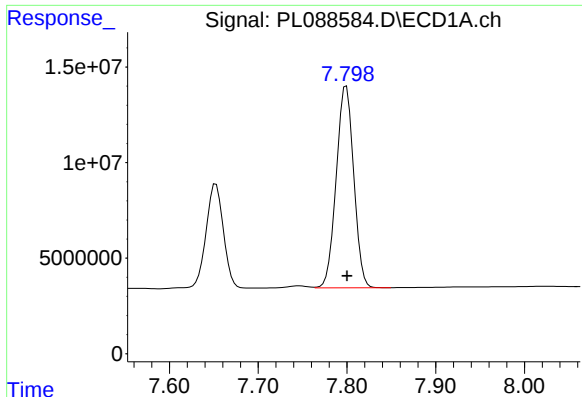
#20 Methoxychlor

R.T.: 7.652 min
Delta R.T.: 0.000 min
Response: 73061362
Conc: 48.50 ng/ml



#20 Methoxychlor

R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 36934473
Conc: 46.05 ng/ml



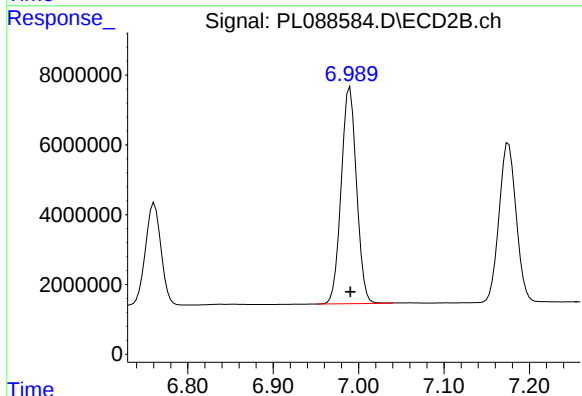
#21 Endrin ketone

R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 144708040
Conc: 48.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-2

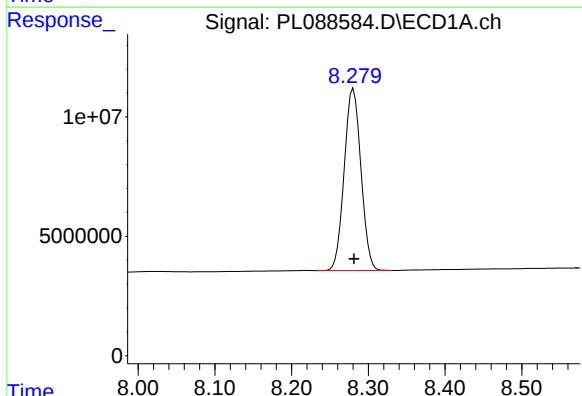
Manual Integrations
APPROVED

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



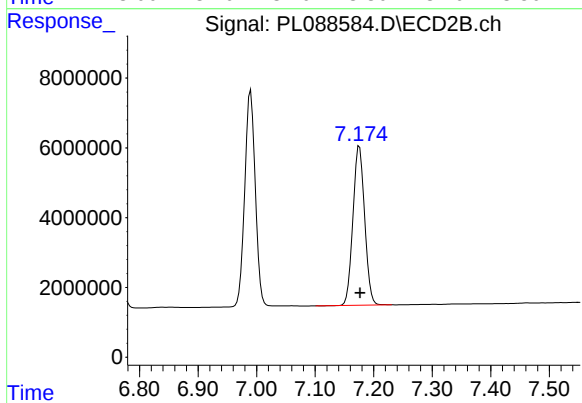
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: 0.000 min
Response: 77561487
Conc: 46.99 ng/ml



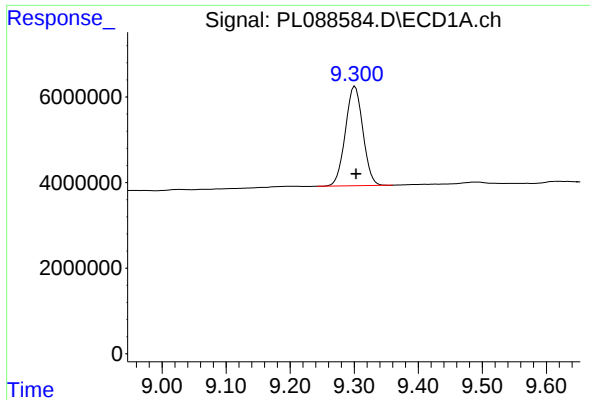
#22 Mirex

R.T.: 8.281 min
Delta R.T.: -0.001 min
Response: 116123697
Conc: 49.53 ng/ml



#22 Mirex

R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 63377666
Conc: 47.00 ng/ml



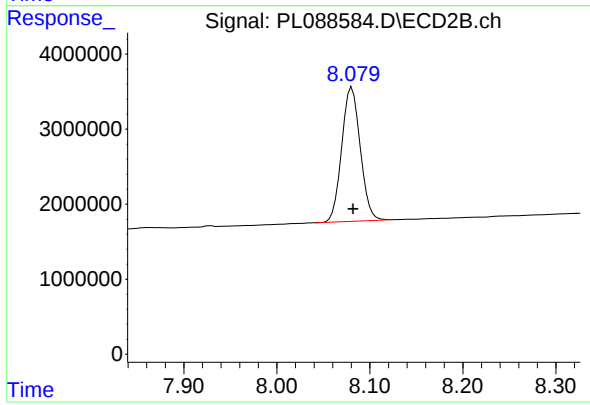
#28 Decachlorobiphenyl

R.T.: 9.301 min
Delta R.T.: -0.002 min
Response: 44129133
Conc: 17.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL IDOC-2

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.081 min
Delta R.T.: 0.000 min
Response: 24802085
Conc: 18.29 ng/ml