

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032724\
 Data File : PL088799.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Mar 2024 15:50
 Operator : AR\AJ
 Sample : P1869-13MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL-5MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/28/2024
 Supervised By :Ankita Jodhani 03/28/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 27 22:11:40 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	48303079	24326939	18.228	18.253
28)	SA Decachlor...	9.299	8.077	24782114	16034766	10.025	11.826
Target Compounds							
2)	A alpha-BHC	4.099	3.366	211.5E6	110.2E6	52.974	54.831
3)	MA gamma-BHC...	4.437	3.703	198.8E6	104.7E6	51.256	54.569
4)	MA Heptachlor	5.036	4.051	198.1E6	102.8E6	52.172	57.123
5)	MB Aldrin	5.383	4.336	186.4E6	98874416	50.875	54.715
6)	B beta-BHC	4.634	4.004	90975775	46858641	51.299	54.662
7)	B delta-BHC	4.886	4.239	195.5E6	101.0E6	48.542	52.787
8)	B Heptachlo...	5.815	4.846	179.2E6	91925003	52.172	55.898
9)	A Endosulfan I	6.205	5.222	160.4E6	86138354	52.491	57.302
10)	B gamma-Chl...	6.073	5.100	185.4E6	97318086	55.653	58.756
11)	B alpha-Chl...	6.154	5.165	179.9E6	96230909	54.117	57.973
12)	B 4,4'-DDE	6.328	5.358	156.2E6	86627261	52.285	59.391
13)	MA Dieldrin	6.484	5.490	169.4E6	93428231	52.250	57.524
14)	MA Endrin	6.716	5.769	137.7E6	83140099	50.353	57.679
15)	B Endosulfa...	6.937	6.067	146.3E6	82167986	51.083	57.145
16)	A 4,4'-DDD	6.851	5.920	132.5E6	73532768	52.034	59.045
17)	MA 4,4'-DDT	7.169	6.175	131.8E6	75342413	49.460	56.134
18)	B Endrin al...	7.067	6.249	108.5E6	60012750	51.985m	57.267
19)	B Endosulfa...	7.305	6.474	139.0E6	78672287	50.340	56.703
20)	A Methoxychlor	7.649	6.757	69723632	42469215	46.281	52.949
21)	B Endrin ke...	7.796	6.987	148.5E6	91829042	50.214	55.630
22)	Mirex	8.278	7.172	113.8E6	75391947	48.525	55.911

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032724\
Data File : PL088799.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2024 15:50
Operator : AR\AJ
Sample : P1869-13MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

SOIL-5MSD

Manual Integrations

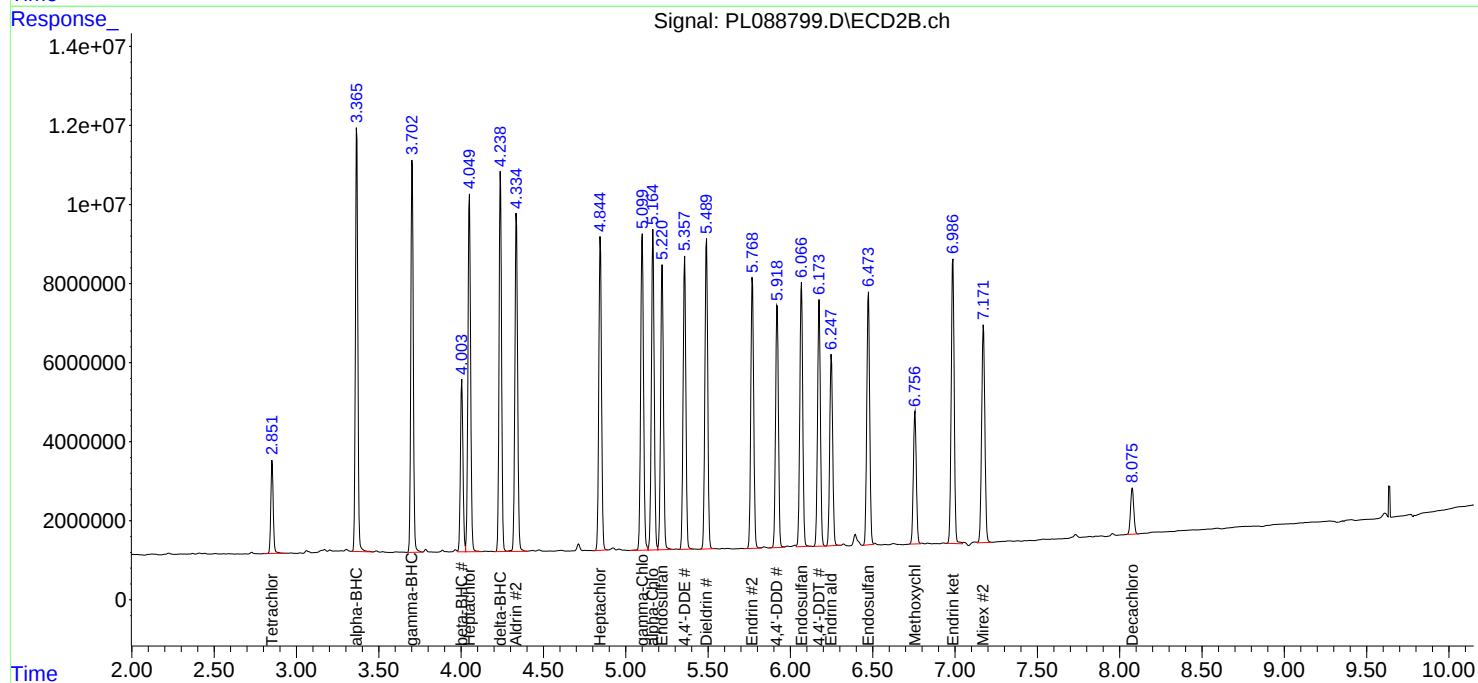
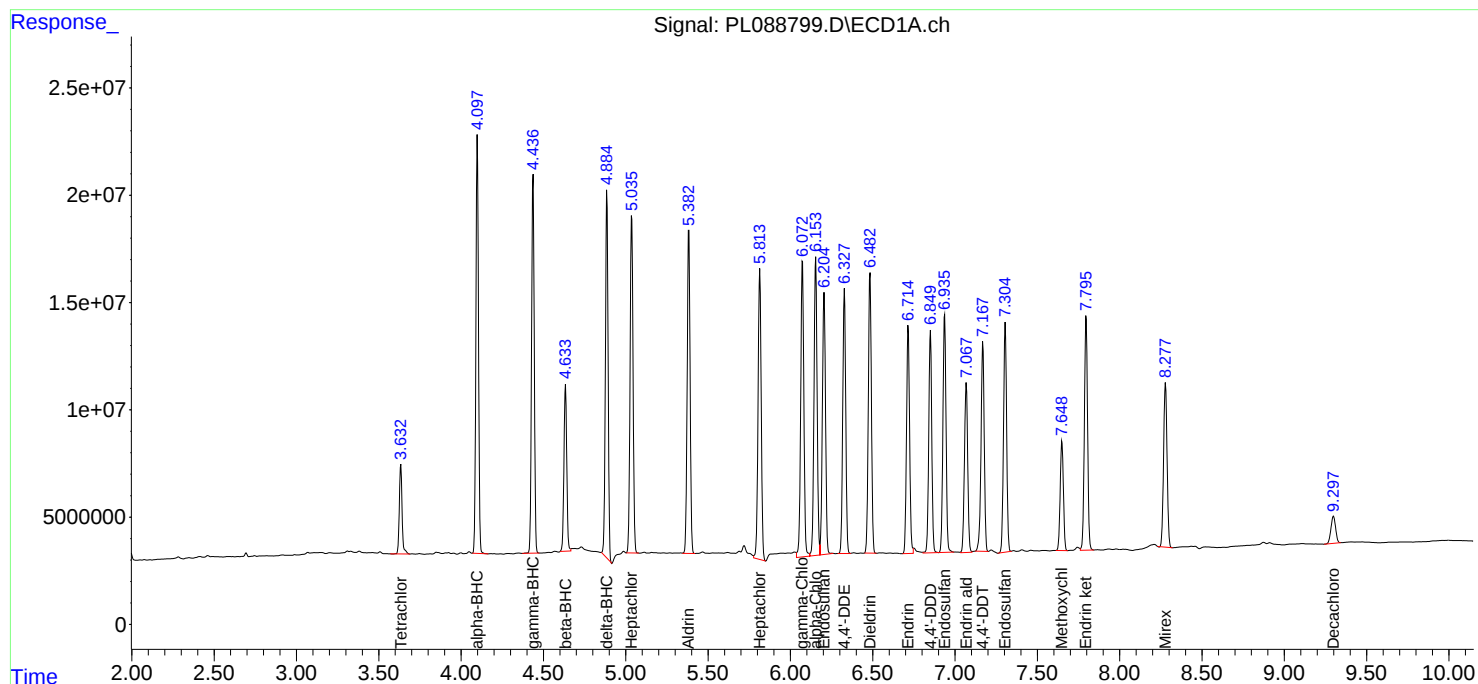
APPROVED

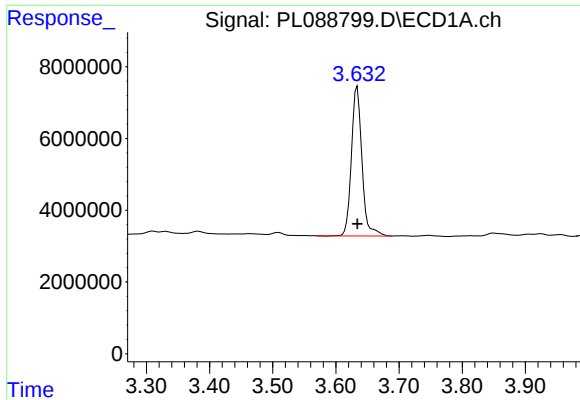
Reviewed By :Abdul Mirza 03/28/2024

Supervised By :Ankita Jodhani 03/28/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 22:11:40 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





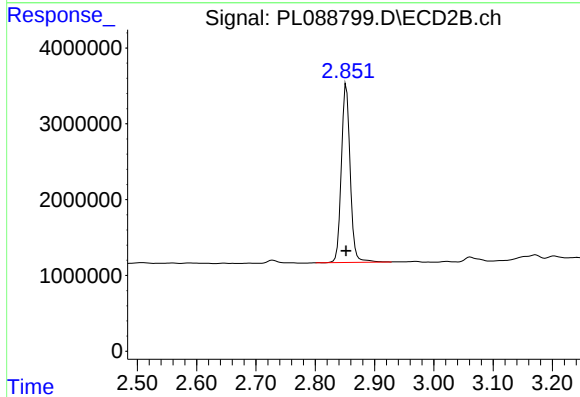
#1 Tetrachloro-m-xylene

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 48303079
Conc: 18.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-5MSD

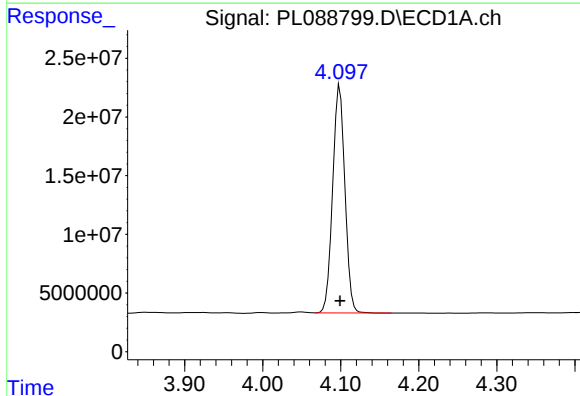
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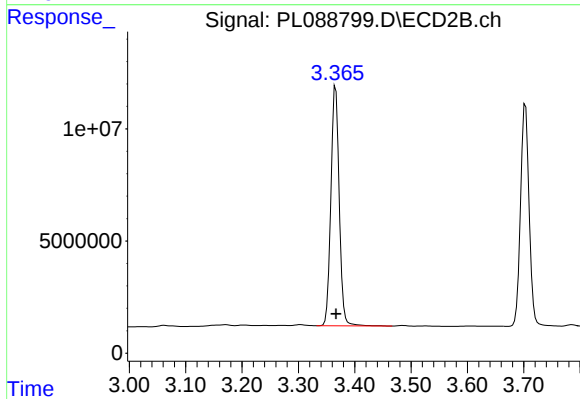
#1 Tetrachloro-m-xylene

R.T.: 2.852 min
Delta R.T.: 0.000 min
Response: 24326939
Conc: 18.25 ng/ml



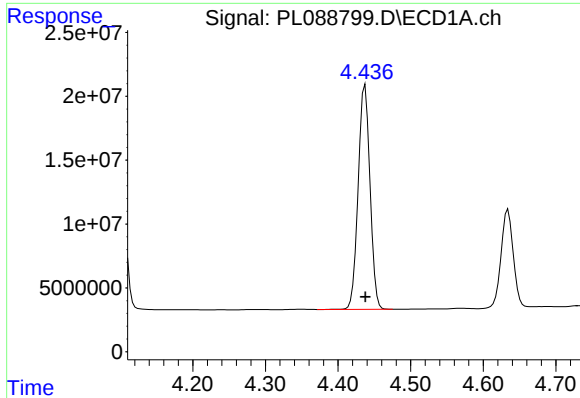
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 211454770
Conc: 52.97 ng/ml



#2 alpha-BHC

R.T.: 3.366 min
Delta R.T.: 0.000 min
Response: 110180247
Conc: 54.83 ng/ml



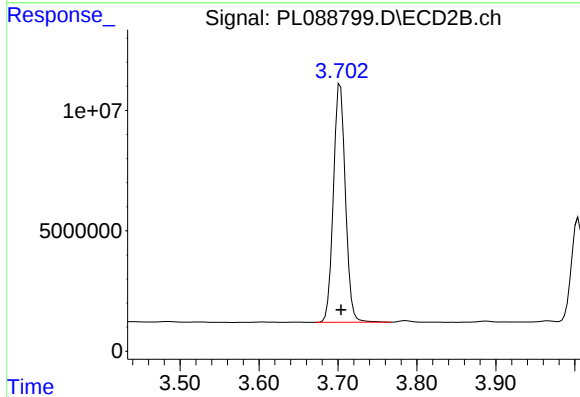
#3 gamma-BHC (Lindane)

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 198783444
Conc: 51.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-5MSD

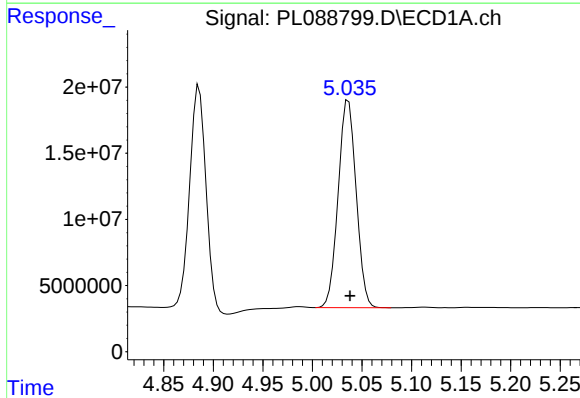
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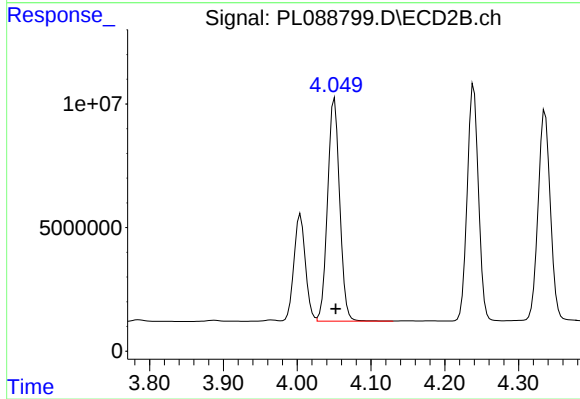
#3 gamma-BHC (Lindane)

R.T.: 3.703 min
Delta R.T.: 0.000 min
Response: 104724544
Conc: 54.57 ng/ml



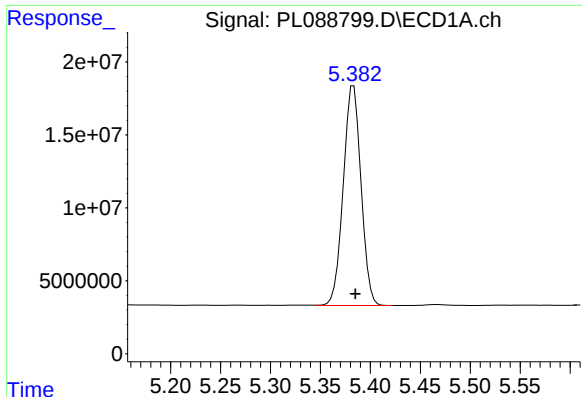
#4 Heptachlor

R.T.: 5.036 min
Delta R.T.: -0.002 min
Response: 198119500
Conc: 52.17 ng/ml



#4 Heptachlor

R.T.: 4.051 min
Delta R.T.: -0.002 min
Response: 102805932
Conc: 57.12 ng/ml



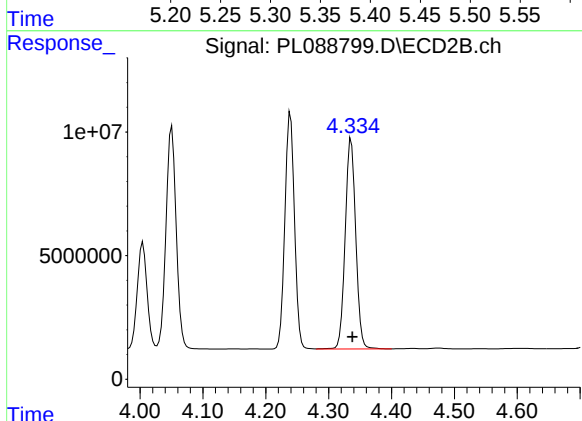
#5 Aldrin

R.T.: 5.383 min
Delta R.T.: -0.002 min
Response: 186430865
Conc: 50.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-5MSD

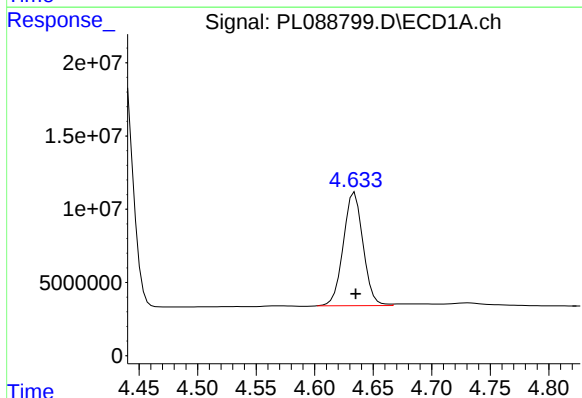
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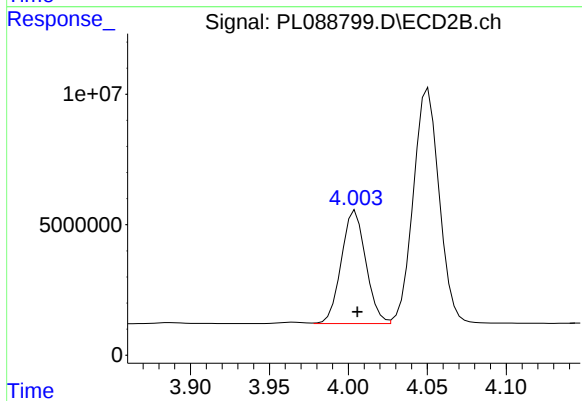
#5 Aldrin

R.T.: 4.336 min
Delta R.T.: -0.002 min
Response: 98874416
Conc: 54.72 ng/ml



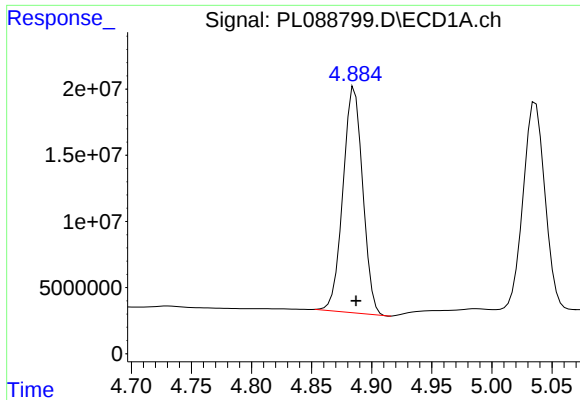
#6 beta-BHC

R.T.: 4.634 min
Delta R.T.: 0.000 min
Response: 90975775
Conc: 51.30 ng/ml



#6 beta-BHC

R.T.: 4.004 min
Delta R.T.: -0.001 min
Response: 46858641
Conc: 54.66 ng/ml



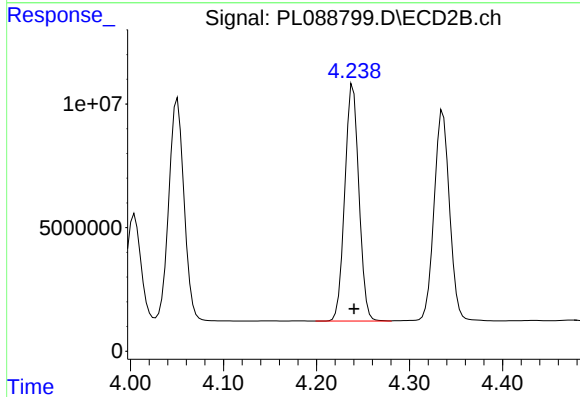
#7 delta-BHC

R.T.: 4.886 min
Delta R.T.: -0.001 min
Response: 195535063
Conc: 48.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-5MSD

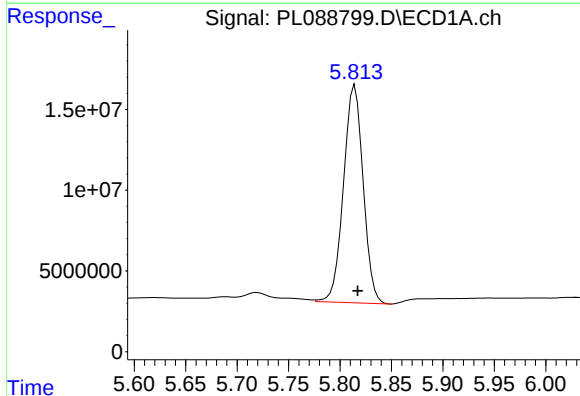
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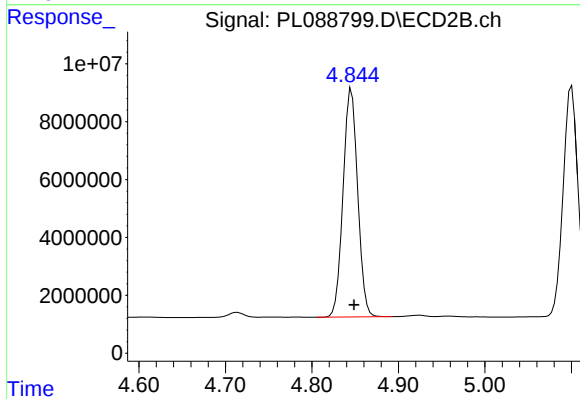
#7 delta-BHC

R.T.: 4.239 min
Delta R.T.: -0.001 min
Response: 100985166
Conc: 52.79 ng/ml



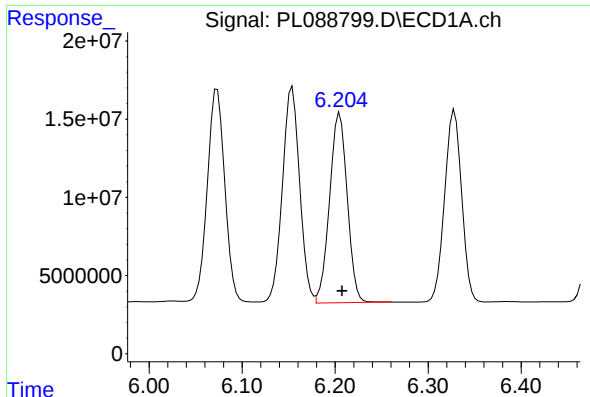
#8 Heptachlor epoxide

R.T.: 5.815 min
Delta R.T.: -0.003 min
Response: 179209307
Conc: 52.17 ng/ml



#8 Heptachlor epoxide

R.T.: 4.846 min
Delta R.T.: -0.003 min
Response: 91925003
Conc: 55.90 ng/ml



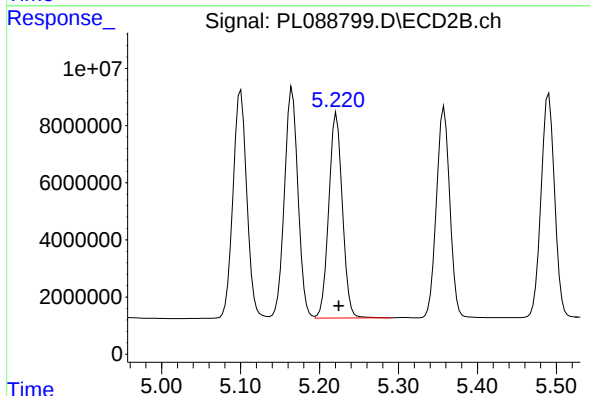
#9 Endosulfan I

R.T.: 6.205 min
Delta R.T.: -0.002 min
Response: 160438041
Conc: 52.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-5MSD

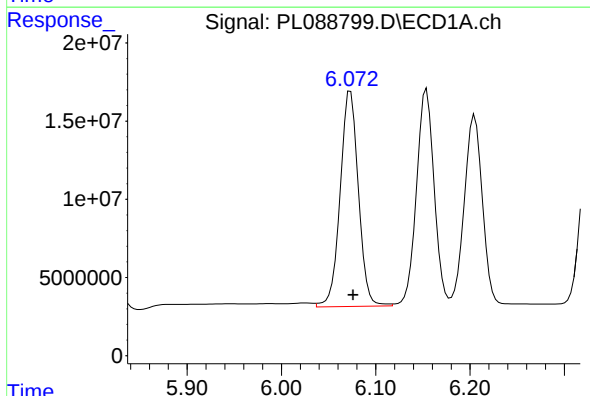
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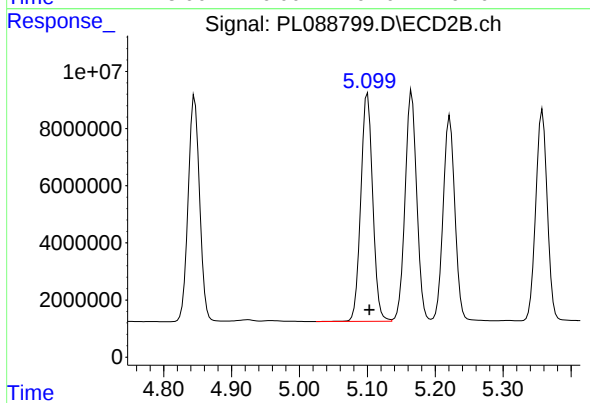
#9 Endosulfan I

R.T.: 5.222 min
Delta R.T.: -0.003 min
Response: 86138354
Conc: 57.30 ng/ml



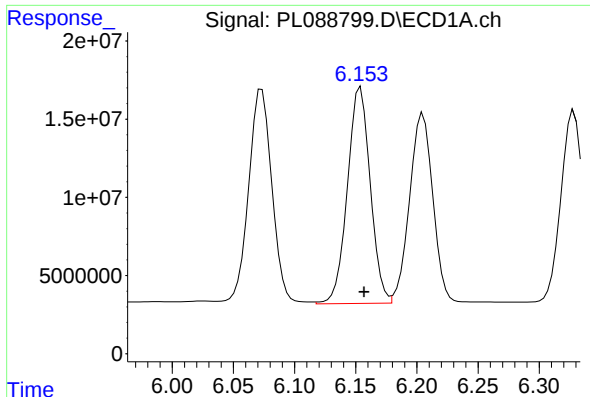
#10 gamma-Chlordane

R.T.: 6.073 min
Delta R.T.: -0.003 min
Response: 185369628
Conc: 55.65 ng/ml



#10 gamma-Chlordane

R.T.: 5.100 min
Delta R.T.: -0.003 min
Response: 97318086
Conc: 58.76 ng/ml



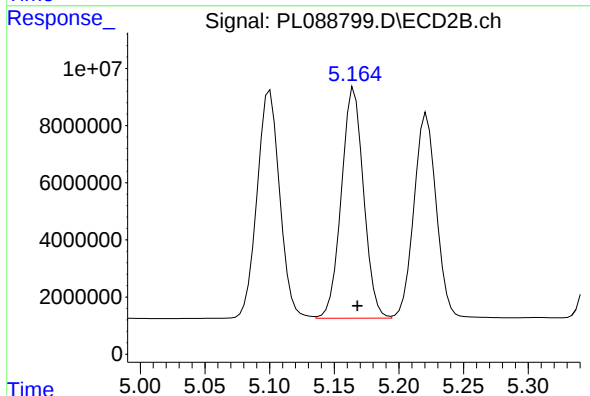
#11 alpha-Chlordane

R.T.: 6.154 min
Delta R.T.: -0.003 min
Response: 179888180
Conc: 54.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-5MSD

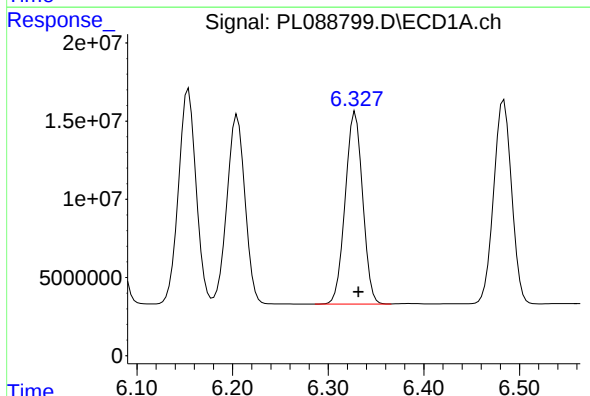
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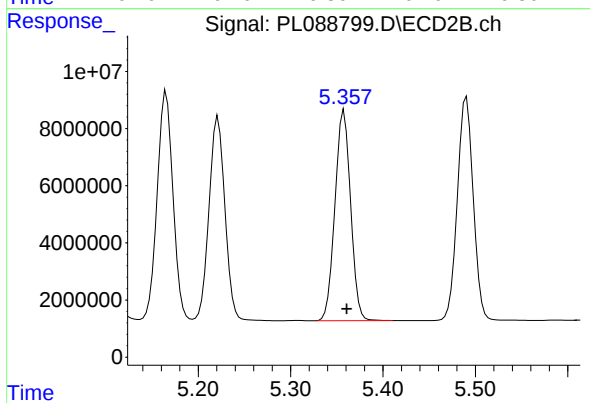
#11 alpha-Chlordane

R.T.: 5.165 min
Delta R.T.: -0.003 min
Response: 96230909
Conc: 57.97 ng/ml



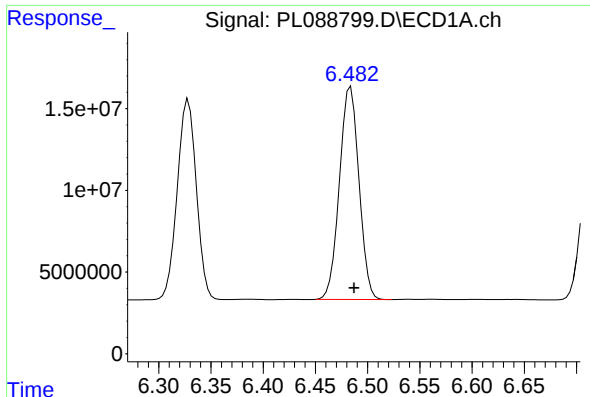
#12 4,4'-DDE

R.T.: 6.328 min
Delta R.T.: -0.003 min
Response: 156211556
Conc: 52.28 ng/ml



#12 4,4'-DDE

R.T.: 5.358 min
Delta R.T.: -0.003 min
Response: 86627261
Conc: 59.39 ng/ml



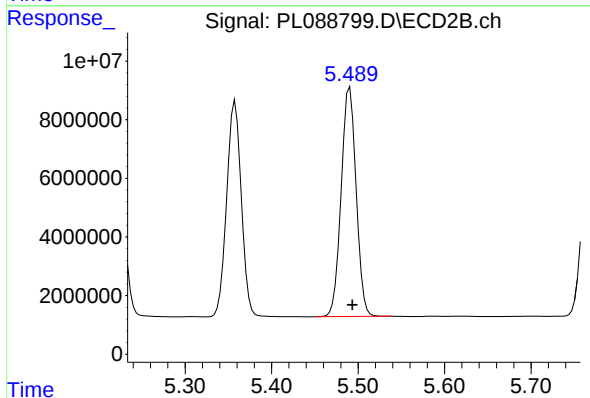
#13 Dieldrin

R.T.: 6.484 min
Delta R.T.: -0.003 min
Response: 169429508
Conc: 52.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
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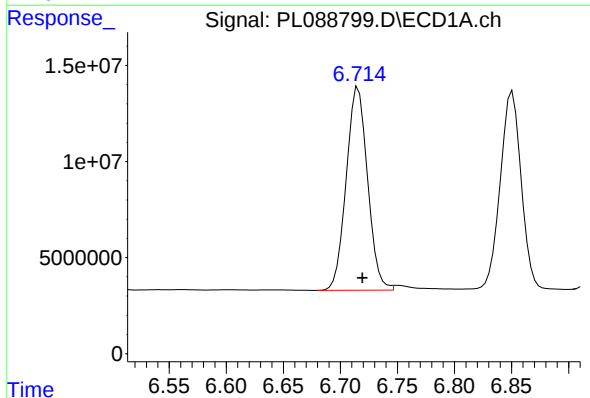
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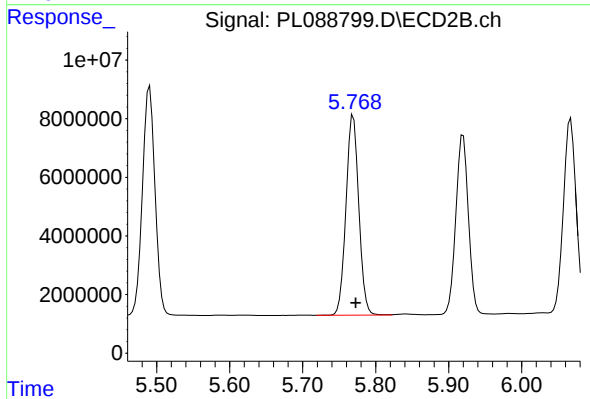
#13 Dieldrin

R.T.: 5.490 min
Delta R.T.: -0.003 min
Response: 93428231
Conc: 57.52 ng/ml



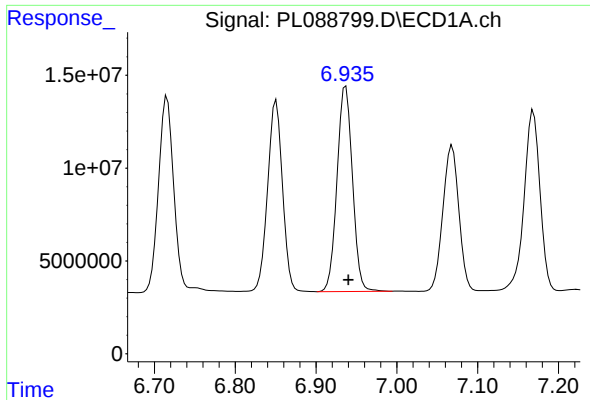
#14 Endrin

R.T.: 6.716 min
Delta R.T.: -0.004 min
Response: 137650583
Conc: 50.35 ng/ml



#14 Endrin

R.T.: 5.769 min
Delta R.T.: -0.003 min
Response: 83140099
Conc: 57.68 ng/ml



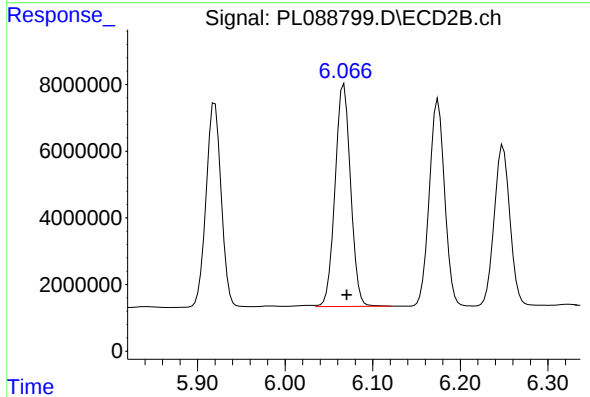
#15 Endosulfan II

R.T.: 6.937 min
Delta R.T.: -0.003 min
Response: 146312834
Conc: 51.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-5MSD

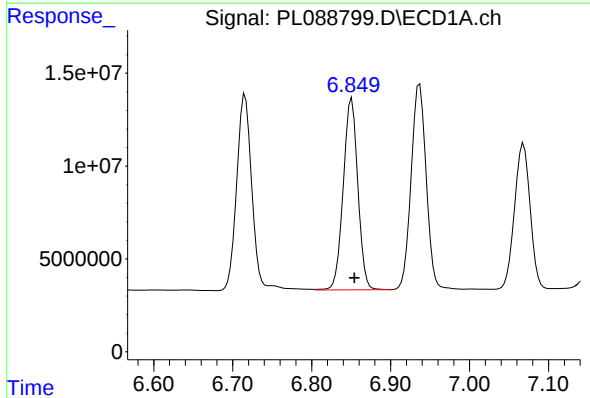
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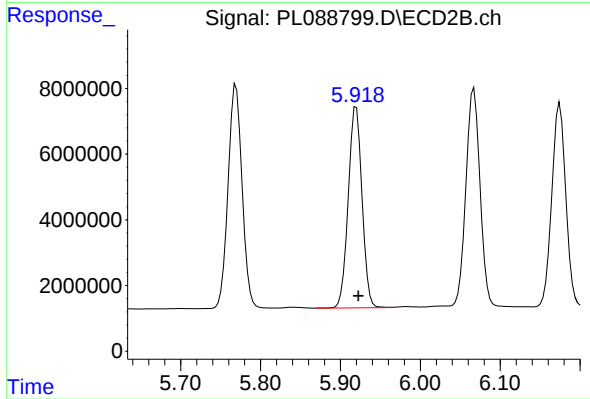
#15 Endosulfan II

R.T.: 6.067 min
Delta R.T.: -0.003 min
Response: 82167986
Conc: 57.14 ng/ml



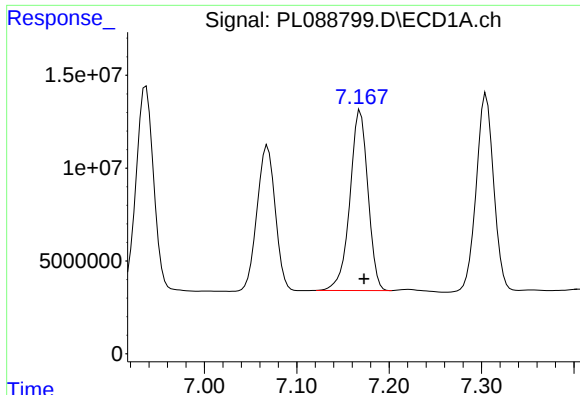
#16 4,4'-DDD

R.T.: 6.851 min
Delta R.T.: -0.003 min
Response: 132516368
Conc: 52.03 ng/ml



#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: -0.003 min
Response: 73532768
Conc: 59.04 ng/ml



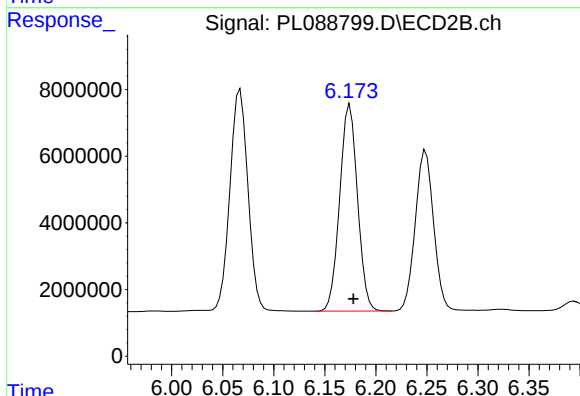
#17 4,4'-DDT

R.T.: 7.169 min
Delta R.T.: -0.004 min
Response: 131835473
Conc: 49.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-5MSD

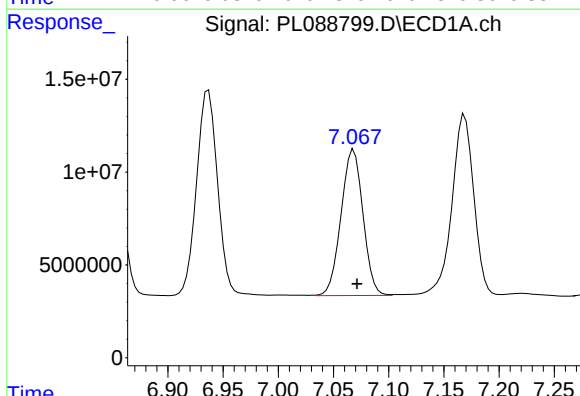
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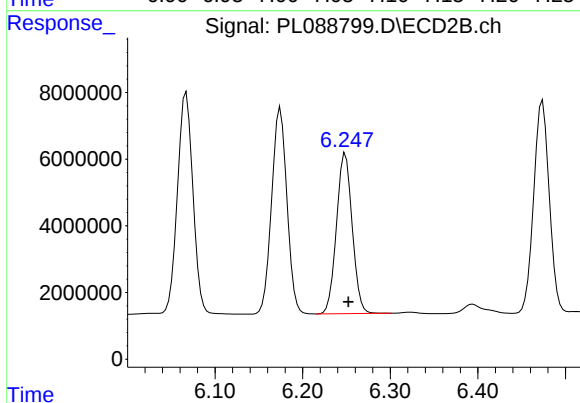
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: -0.003 min
Response: 75342413
Conc: 56.13 ng/ml



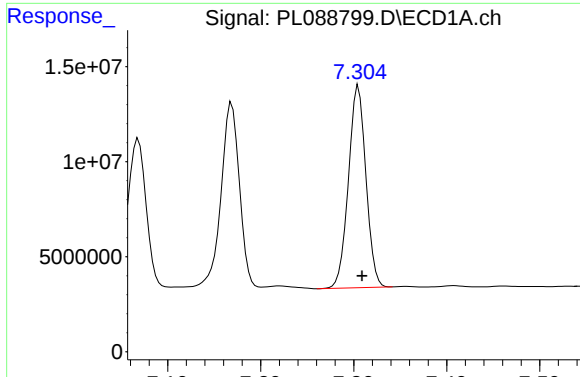
#18 Endrin aldehyde

R.T.: 7.067 min
Delta R.T.: -0.004 min
Response: 108536745
Conc: 51.99 ng/ml m



#18 Endrin aldehyde

R.T.: 6.249 min
Delta R.T.: -0.003 min
Response: 60012750
Conc: 57.27 ng/ml



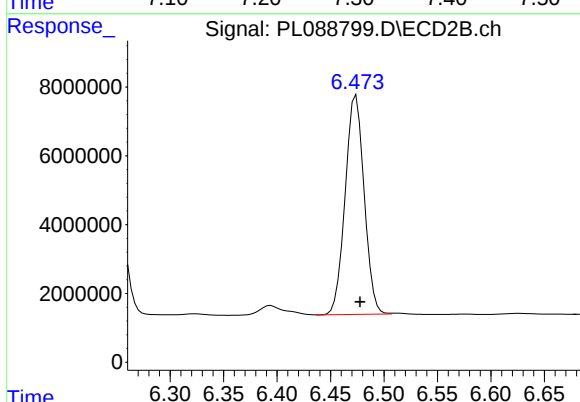
#19 Endosulfan Sulfate

R.T.: 7.305 min
Delta R.T.: -0.004 min
Response: 139002854
Conc: 50.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-5MSD

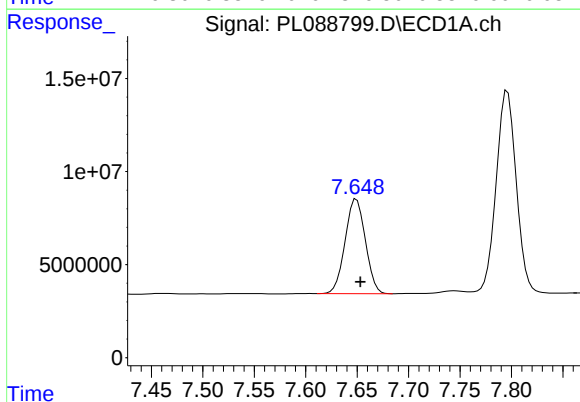
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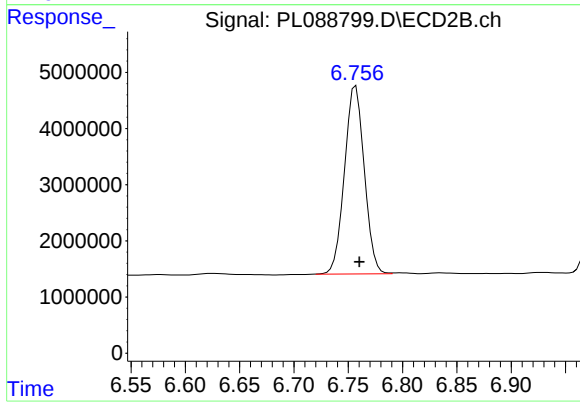
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: -0.004 min
Response: 78672287
Conc: 56.70 ng/ml



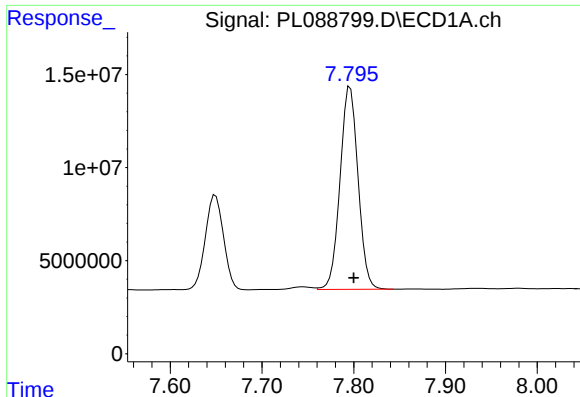
#20 Methoxychlor

R.T.: 7.649 min
Delta R.T.: -0.004 min
Response: 69723632
Conc: 46.28 ng/ml



#20 Methoxychlor

R.T.: 6.757 min
Delta R.T.: -0.003 min
Response: 42469215
Conc: 52.95 ng/ml



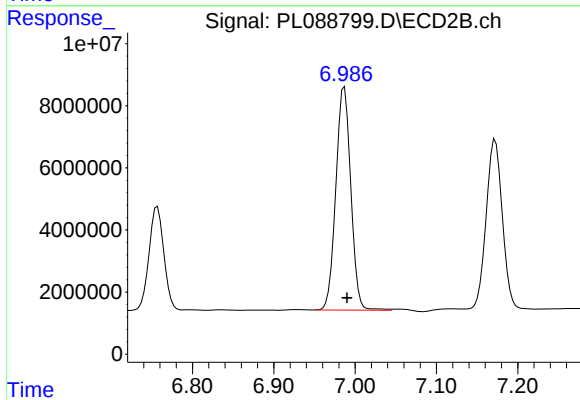
#21 Endrin ketone

R.T.: 7.796 min
Delta R.T.: -0.004 min
Response: 148451986
Conc: 50.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-5MSD

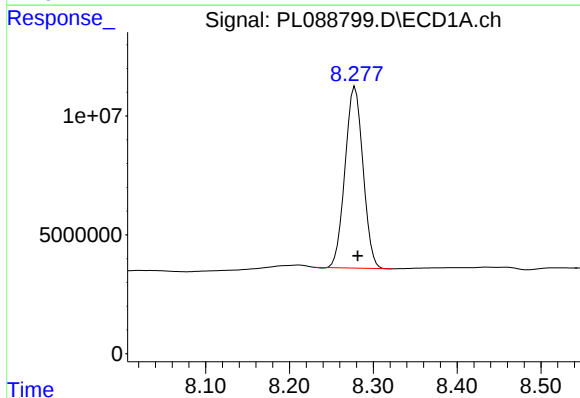
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/28/2024
Supervised By :Ankita Jodhani 03/28/2024



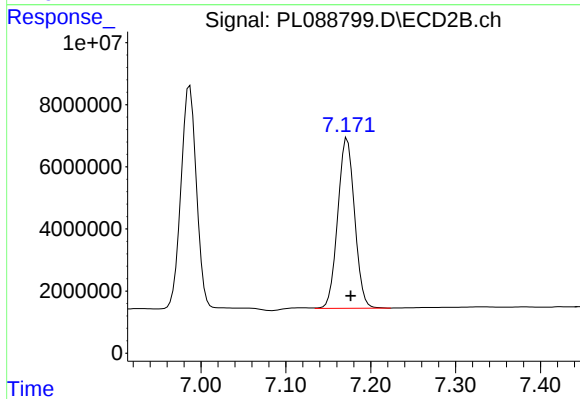
#21 Endrin ketone

R.T.: 6.987 min
Delta R.T.: -0.003 min
Response: 91829042
Conc: 55.63 ng/ml



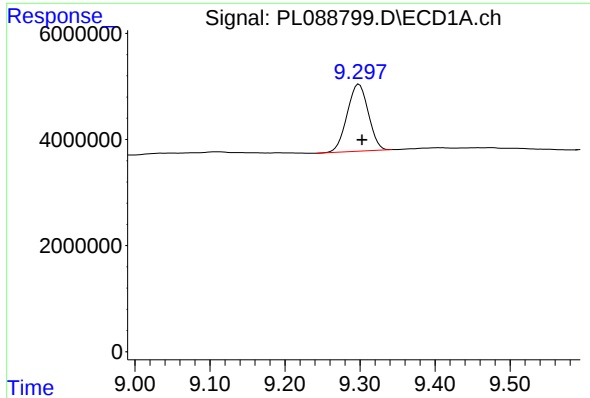
#22 Mirex

R.T.: 8.278 min
Delta R.T.: -0.003 min
Response: 113767068
Conc: 48.53 ng/ml



#22 Mirex

R.T.: 7.172 min
Delta R.T.: -0.004 min
Response: 75391947
Conc: 55.91 ng/ml



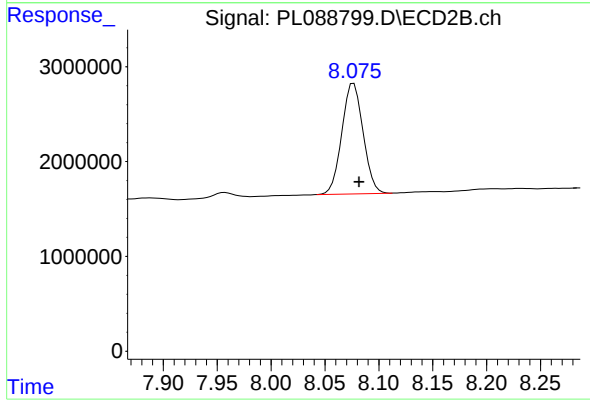
#28 Decachlorobiphenyl

R.T.: 9.299 min
Delta R.T.: -0.004 min
Response: 24782114
Conc: 10.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-5MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.077 min
Delta R.T.: -0.005 min
Response: 16034766
Conc: 11.83 ng/ml