

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032724\
 Data File : PL088798.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Mar 2024 15:36
 Operator : AR\AJ
 Sample : P1869-13MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL-5MS

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 22:11:09 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...	3.635	2.853	47648760	24486762	17.981	18.373
28)	SA Decachlor...	9.299	8.077	25058474	16299665	10.137	12.021
Target Compounds							
2)	A alpha-BHC	4.099	3.367	214.3E6	111.0E6	53.683	55.238
3)	MA gamma-BHC...	4.437	3.703	201.4E6	105.5E6	51.935	54.997
4)	MA Heptachlor	5.036	4.051	199.4E6	103.0E6	52.520	57.220
5)	MB Aldrin	5.383	4.336	188.1E6	99308782	51.322	54.956
6)	B beta-BHC	4.634	4.005	92559494	46897259	52.192	54.707
7)	B delta-BHC	4.886	4.240	198.5E6	101.7E6	49.267	53.179
8)	B Heptachlo...	5.815	4.846	182.4E6	92398019	53.103	56.186
9)	A Endosulfan I	6.206	5.222	162.5E6	86501350	53.156	57.543
10)	B gamma-Chl...	6.074	5.100	188.3E6	97911896	56.525	59.114
11)	B alpha-Chl...	6.155	5.166	182.3E6	96920476	54.857	58.388
12)	B 4,4'-DDE	6.329	5.358	158.0E6	87278895	52.899	59.838
13)	MA Dieldrin	6.485	5.491	170.8E6	94083568	52.675	57.928
14)	MA Endrin	6.717	5.770	139.4E6	83453202	51.003	57.896
15)	B Endosulfa...	6.937	6.067	147.2E6	82576721	51.404	57.429
16)	A 4,4'-DDD	6.852	5.920	134.0E6	73871351	52.618	59.317
17)	MA 4,4'-DDT	7.170	6.175	132.2E6	76135055	49.595	56.724
18)	B Endrin al...	7.067	6.250	107.1E6	59218672	51.280m	56.509
19)	B Endosulfa...	7.306	6.474	139.7E6	78708523	50.577	56.729
20)	A Methoxychlor	7.651	6.757	70029199	42474707	46.484	52.956
21)	B Endrin ke...	7.797	6.987	149.0E6	92053026	50.410	55.766
22)	Mirex	8.279	7.173	113.8E6	75707249	48.530	56.145

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032724\
Data File : PL088798.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2024 15:36
Operator : AR\AJ
Sample : P1869-13MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

SOIL-5MS

Manual Integrations

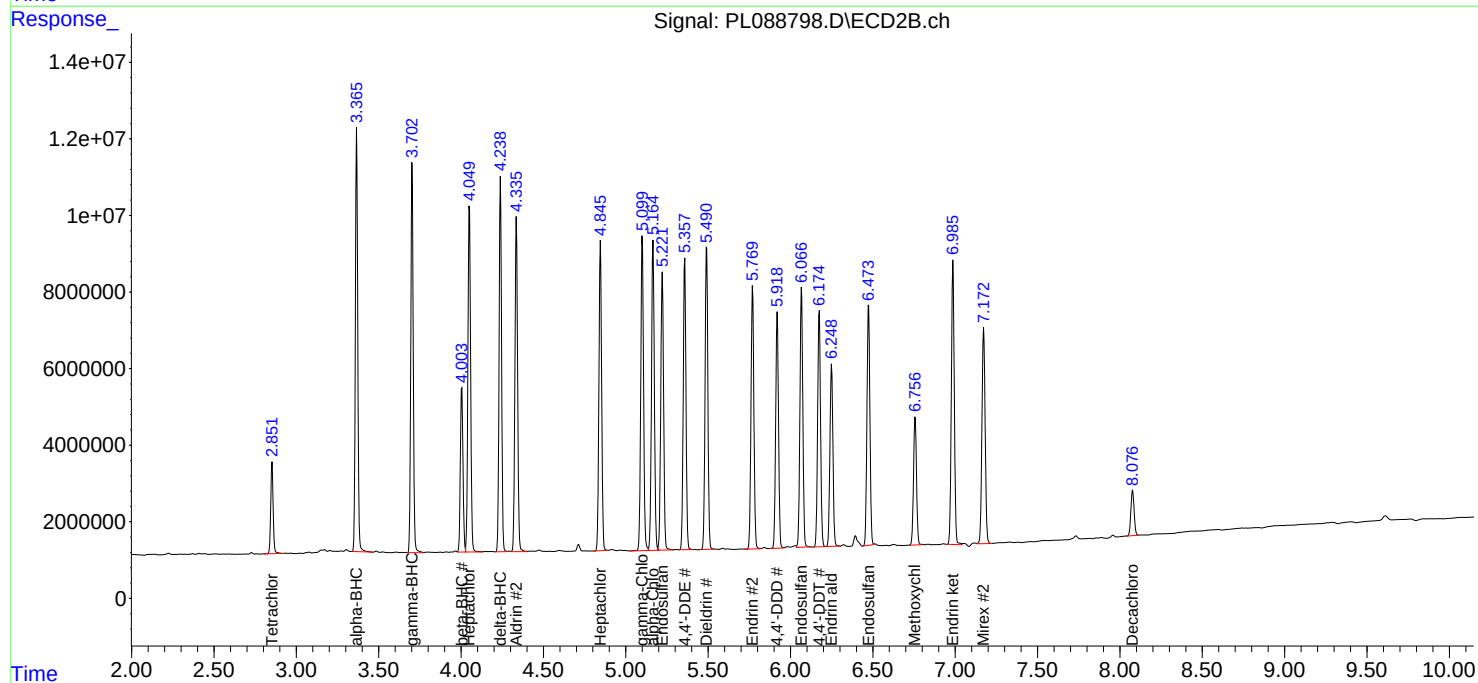
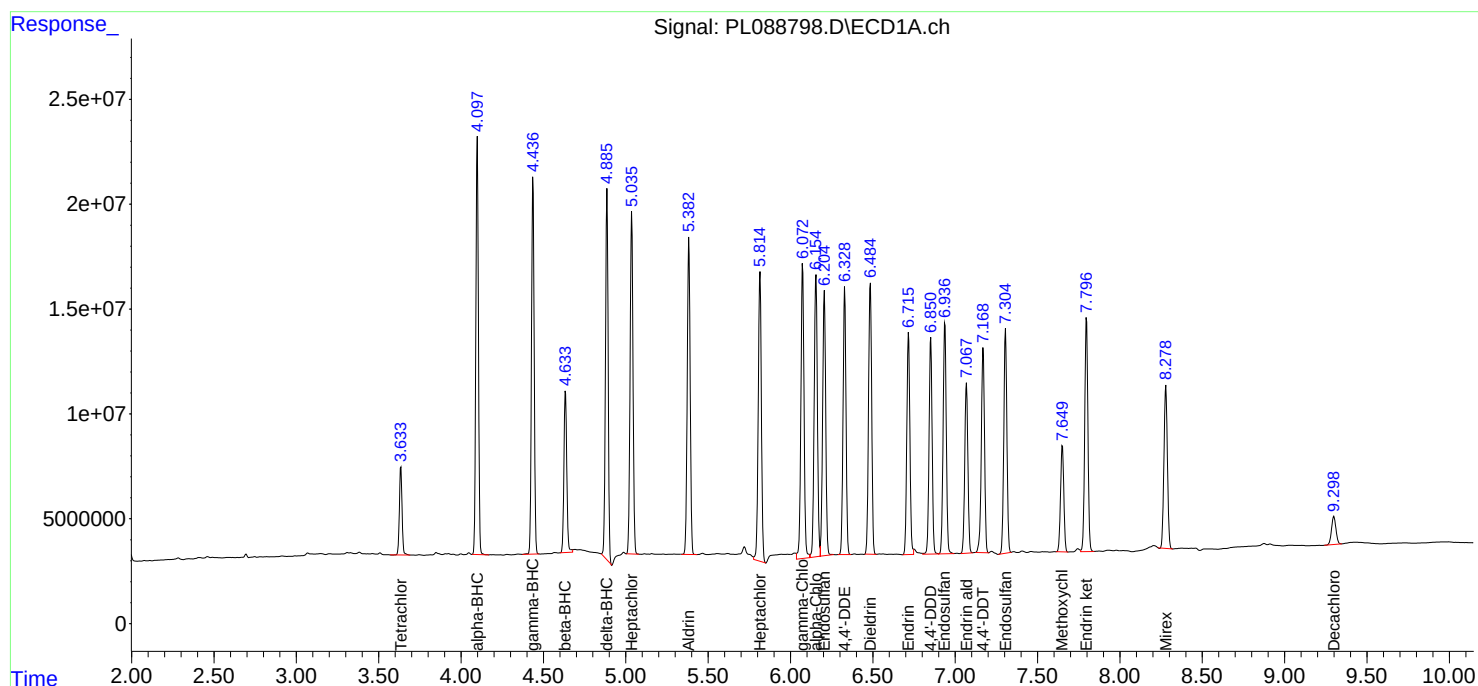
APPROVED

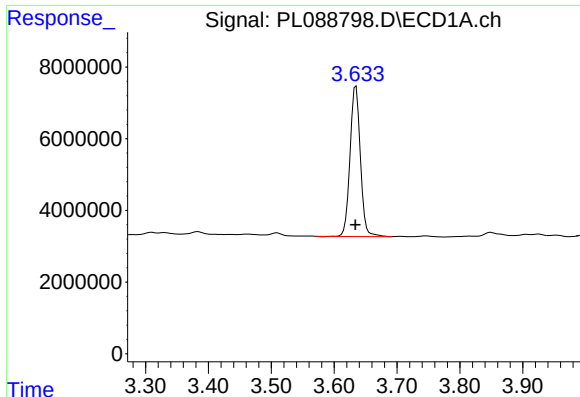
Reviewed By :Abdul Mirza 03/28/2024

Supervised By :Ankita Jodhani 03/28/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 22:11:09 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
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





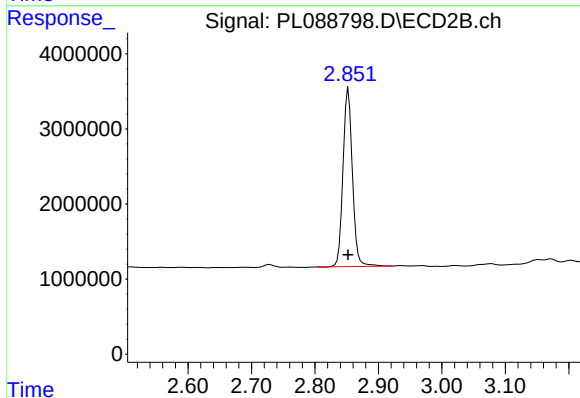
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 47648760
Conc: 17.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-5MS

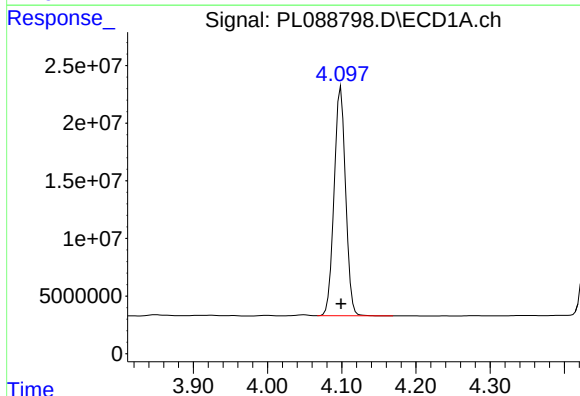
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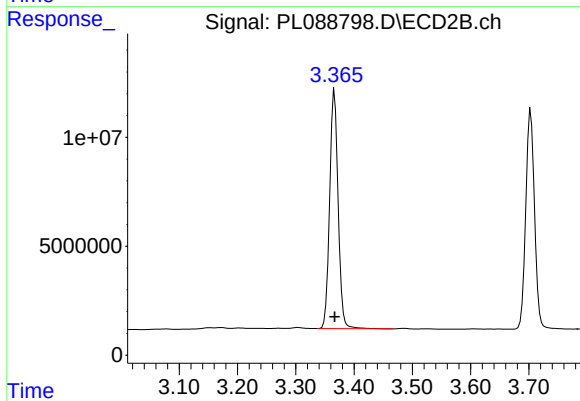
#1 Tetrachloro-m-xylene

R.T.: 2.853 min
Delta R.T.: 0.000 min
Response: 24486762
Conc: 18.37 ng/ml



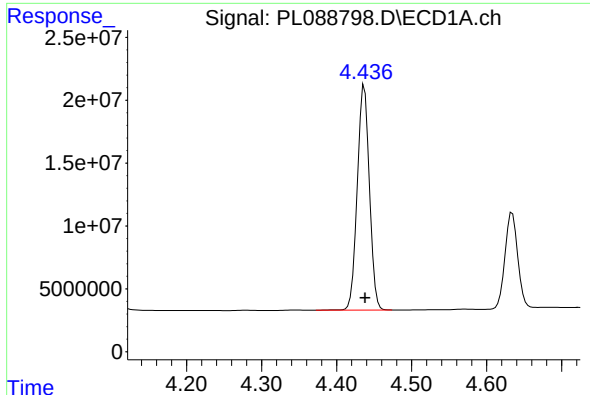
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 214284901
Conc: 53.68 ng/ml



#2 alpha-BHC

R.T.: 3.367 min
Delta R.T.: 0.000 min
Response: 110998006
Conc: 55.24 ng/ml



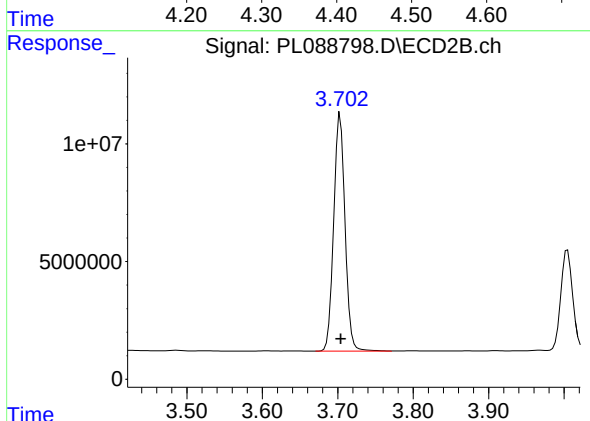
#3 gamma-BHC (Lindane)

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 201416695
Conc: 51.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-5MS

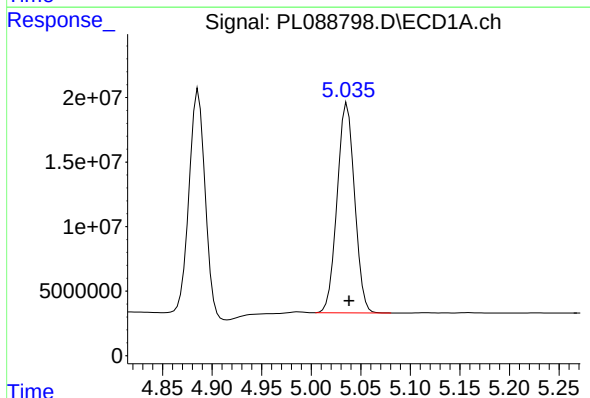
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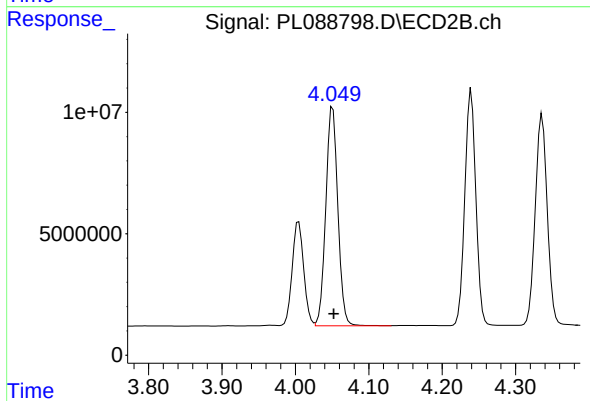
#3 gamma-BHC (Lindane)

R.T.: 3.703 min
Delta R.T.: 0.000 min
Response: 105546640
Conc: 55.00 ng/ml



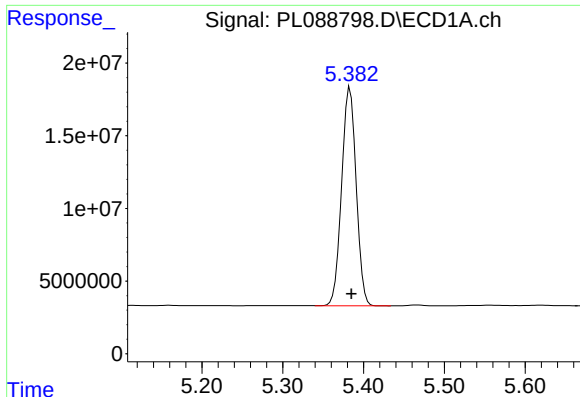
#4 Heptachlor

R.T.: 5.036 min
Delta R.T.: -0.002 min
Response: 199439948
Conc: 52.52 ng/ml



#4 Heptachlor

R.T.: 4.051 min
Delta R.T.: -0.001 min
Response: 102979723
Conc: 57.22 ng/ml



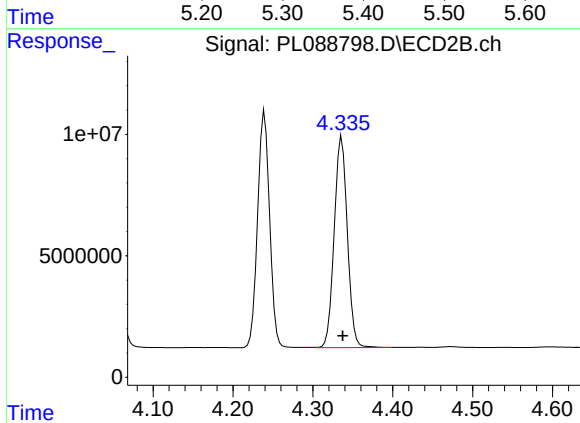
#5 Aldrin

R.T.: 5.383 min
Delta R.T.: -0.002 min
Response: 188067384
Conc: 51.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-5MS

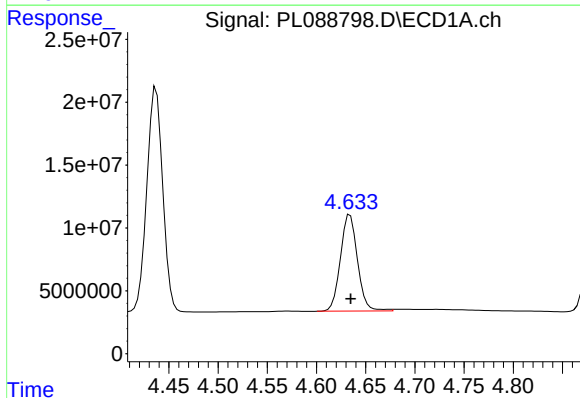
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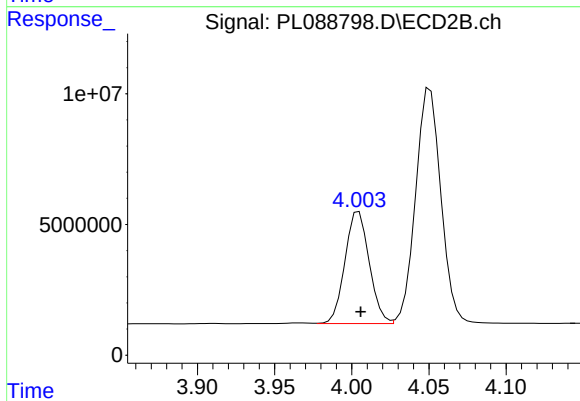
#5 Aldrin

R.T.: 4.336 min
Delta R.T.: -0.001 min
Response: 99308782
Conc: 54.96 ng/ml



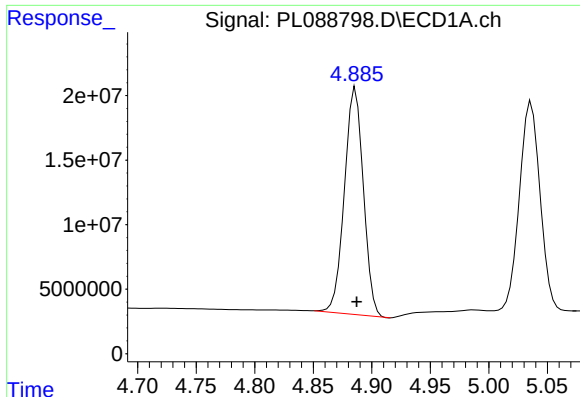
#6 beta-BHC

R.T.: 4.634 min
Delta R.T.: 0.000 min
Response: 92559494
Conc: 52.19 ng/ml



#6 beta-BHC

R.T.: 4.005 min
Delta R.T.: -0.001 min
Response: 46897259
Conc: 54.71 ng/ml



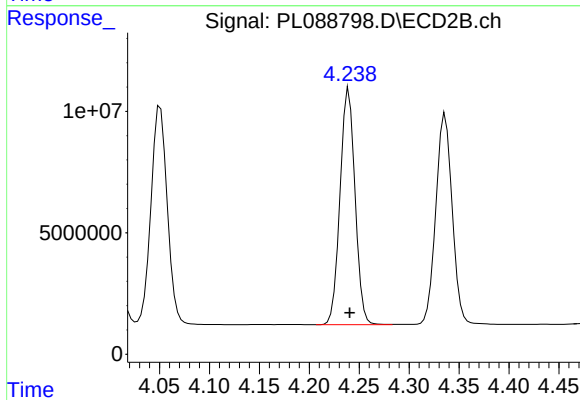
#7 delta-BHC

R.T.: 4.886 min
Delta R.T.: 0.000 min
Response: 198455557
Conc: 49.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-5MS

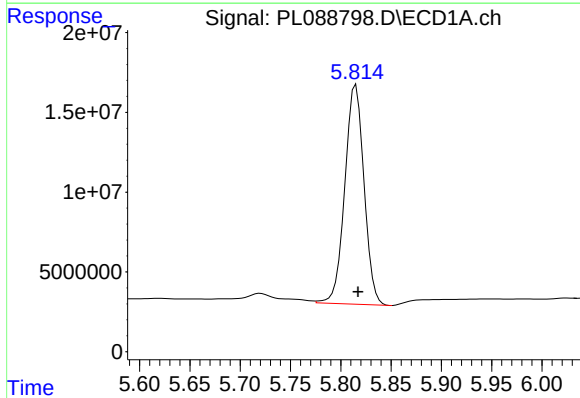
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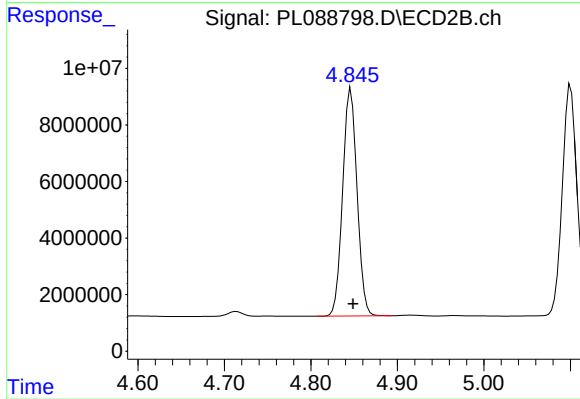
#7 delta-BHC

R.T.: 4.240 min
Delta R.T.: -0.001 min
Response: 101734508
Conc: 53.18 ng/ml



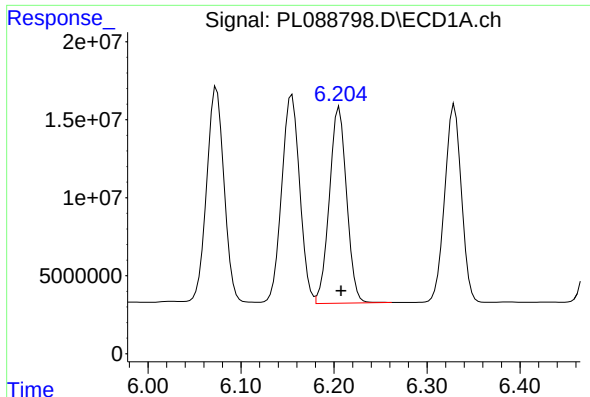
#8 Heptachlor epoxide

R.T.: 5.815 min
Delta R.T.: -0.002 min
Response: 182407109
Conc: 53.10 ng/ml



#8 Heptachlor epoxide

R.T.: 4.846 min
Delta R.T.: -0.003 min
Response: 92398019
Conc: 56.19 ng/ml



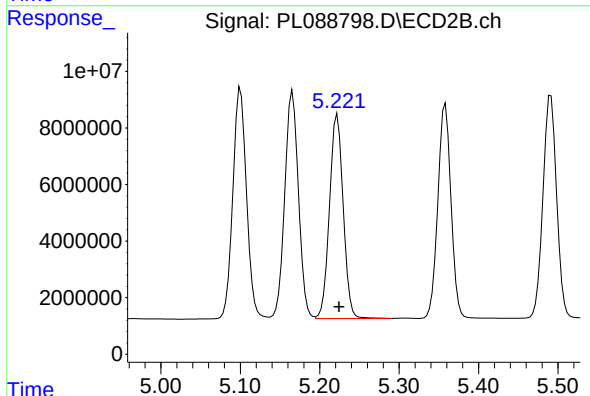
#9 Endosulfan I

R.T.: 6.206 min
Delta R.T.: -0.002 min
Response: 162468407
Conc: 53.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-5MS

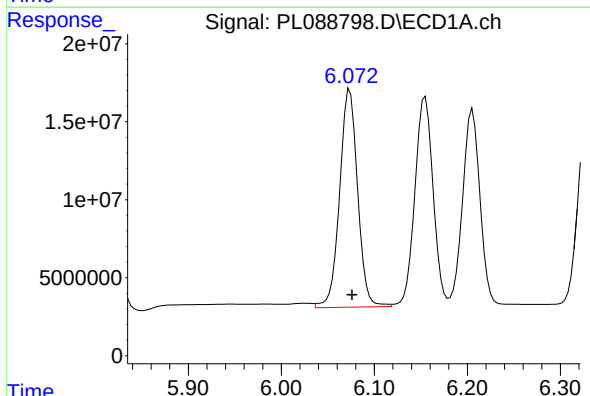
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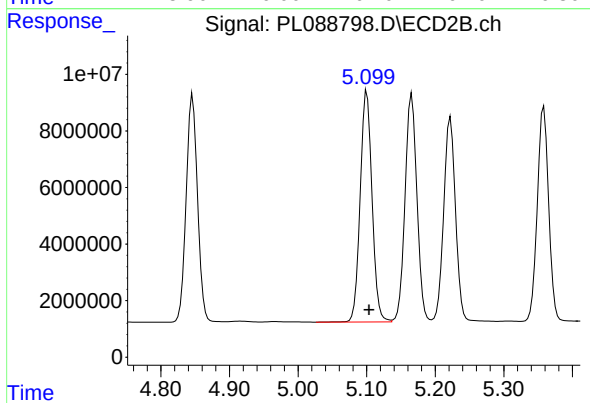
#9 Endosulfan I

R.T.: 5.222 min
Delta R.T.: -0.002 min
Response: 86501350
Conc: 57.54 ng/ml



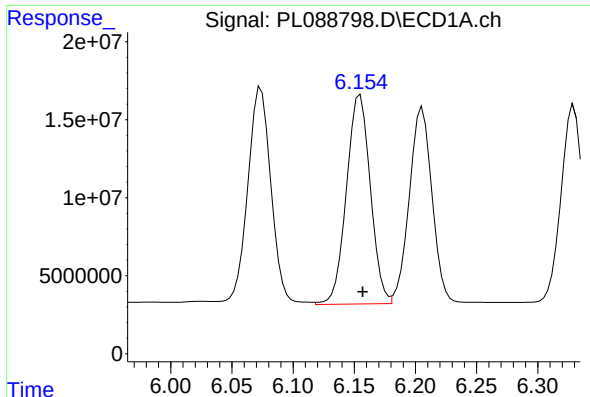
#10 gamma-Chlordane

R.T.: 6.074 min
Delta R.T.: -0.002 min
Response: 188273720
Conc: 56.52 ng/ml



#10 gamma-Chlordane

R.T.: 5.100 min
Delta R.T.: -0.003 min
Response: 97911896
Conc: 59.11 ng/ml



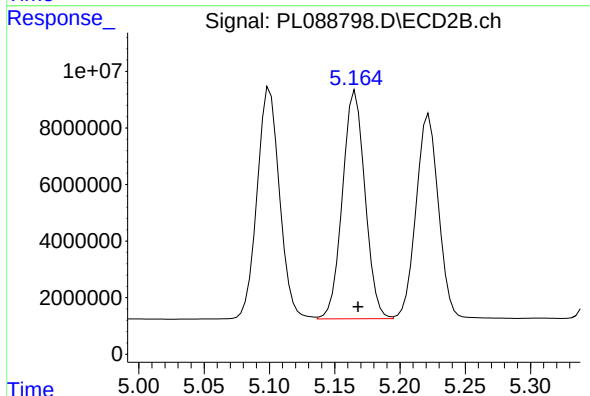
#11 alpha-Chlordane

R.T.: 6.155 min
Delta R.T.: -0.002 min
Response: 182347803
Conc: 54.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-5MS

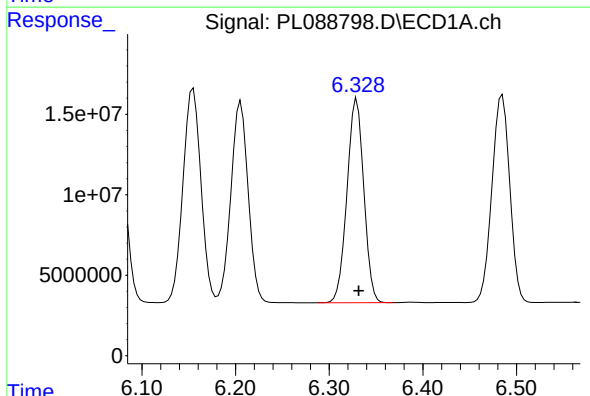
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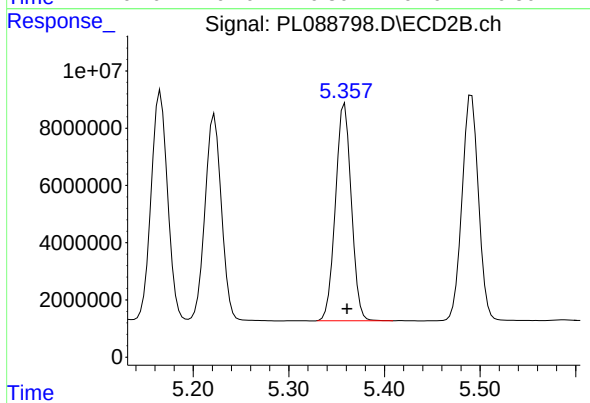
#11 alpha-Chlordane

R.T.: 5.166 min
Delta R.T.: -0.002 min
Response: 96920476
Conc: 58.39 ng/ml



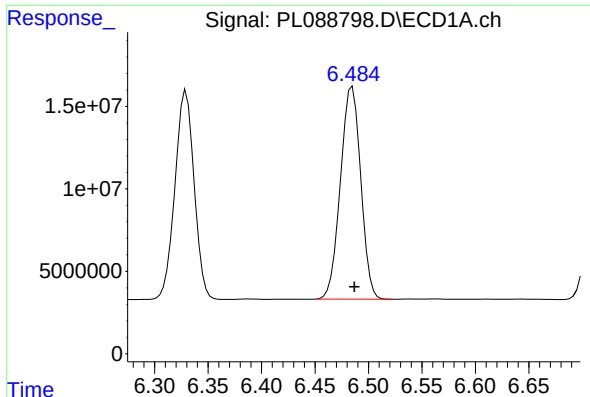
#12 4,4'-DDE

R.T.: 6.329 min
Delta R.T.: -0.002 min
Response: 158046897
Conc: 52.90 ng/ml



#12 4,4'-DDE

R.T.: 5.358 min
Delta R.T.: -0.002 min
Response: 87278895
Conc: 59.84 ng/ml



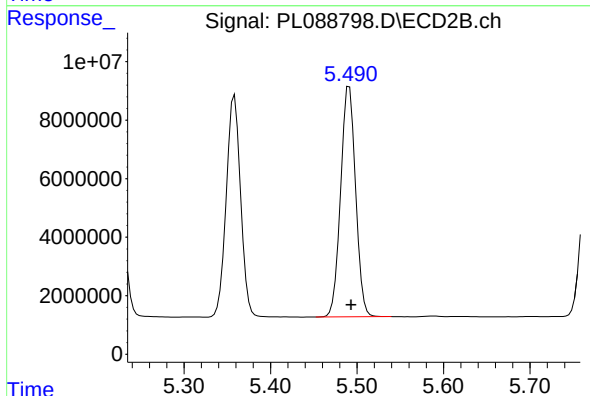
#13 Dieldrin

R.T.: 6.485 min
Delta R.T.: -0.002 min
Response: 170806970
Conc: 52.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-5MS

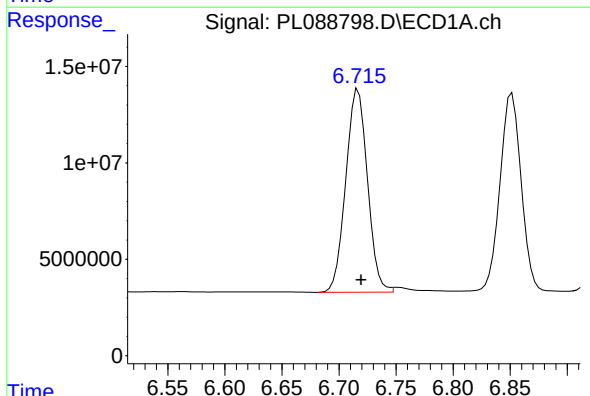
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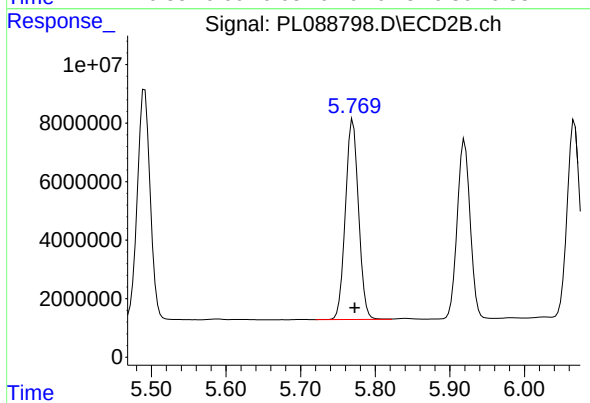
#13 Dieldrin

R.T.: 5.491 min
Delta R.T.: -0.002 min
Response: 94083568
Conc: 57.93 ng/ml



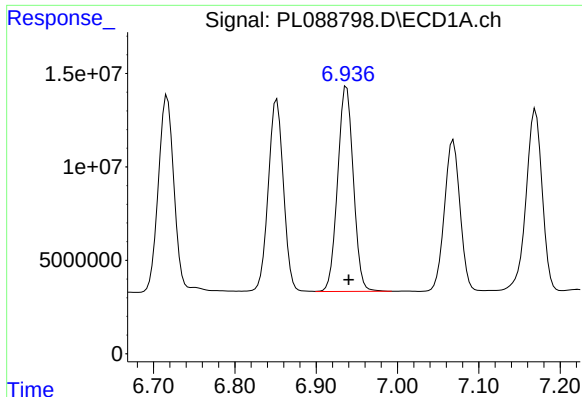
#14 Endrin

R.T.: 6.717 min
Delta R.T.: -0.002 min
Response: 139428079
Conc: 51.00 ng/ml



#14 Endrin

R.T.: 5.770 min
Delta R.T.: -0.003 min
Response: 83453202
Conc: 57.90 ng/ml



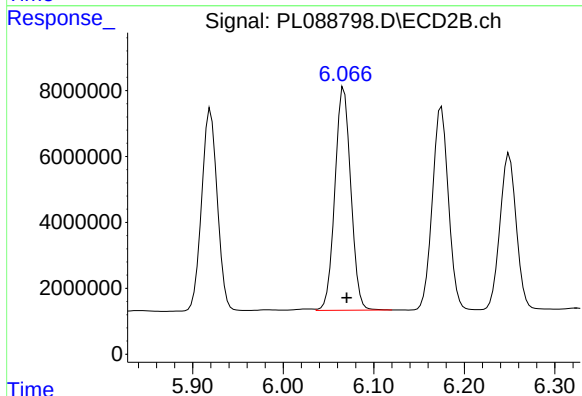
#15 Endosulfan II

R.T.: 6.937 min
Delta R.T.: -0.003 min
Response: 147230845
Conc: 51.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-5MS

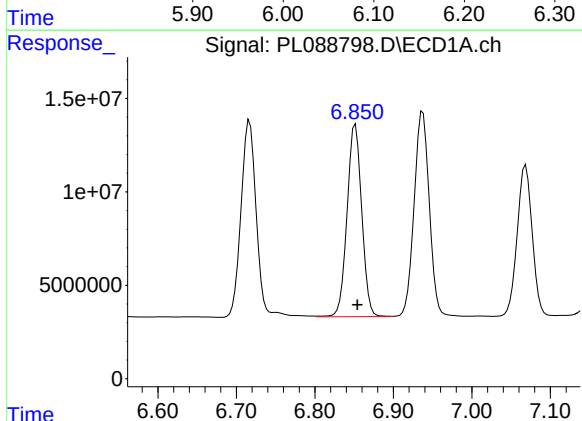
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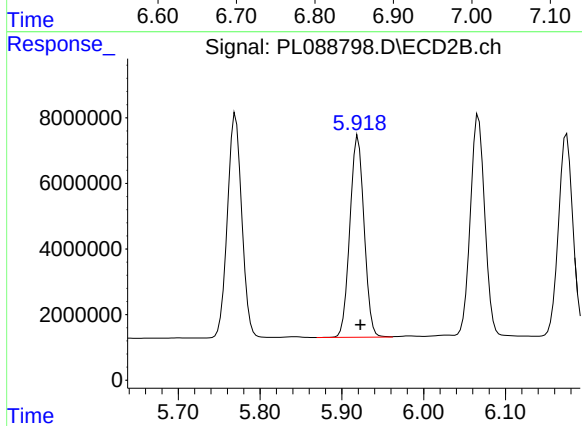
#15 Endosulfan II

R.T.: 6.067 min
Delta R.T.: -0.003 min
Response: 82576721
Conc: 57.43 ng/ml



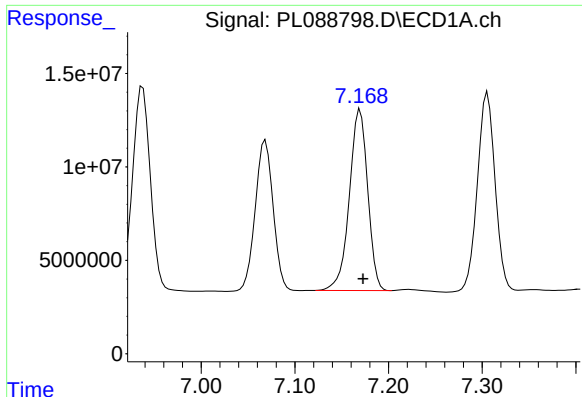
#16 4,4'-DDD

R.T.: 6.852 min
Delta R.T.: -0.003 min
Response: 134005396
Conc: 52.62 ng/ml



#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: -0.003 min
Response: 73871351
Conc: 59.32 ng/ml



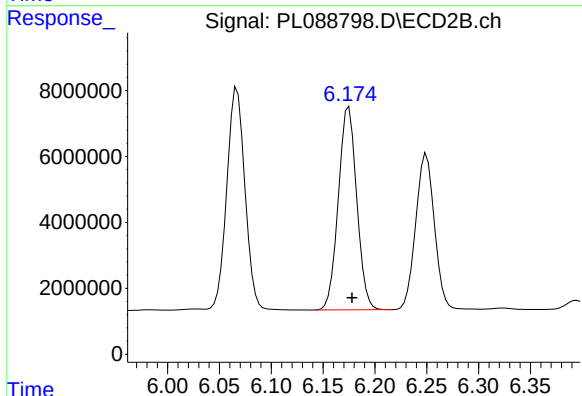
#17 4,4'-DDT

R.T.: 7.170 min
Delta R.T.: -0.003 min
Response: 132195464
Conc: 49.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-5MS

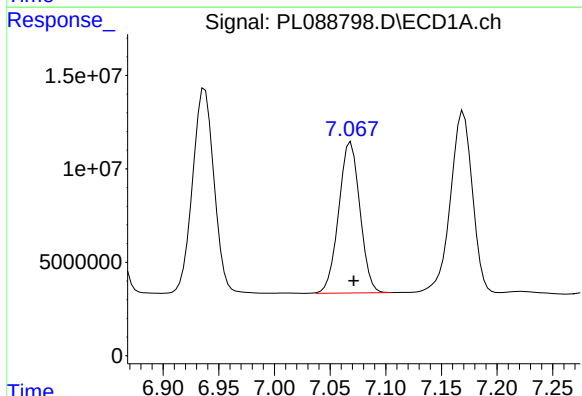
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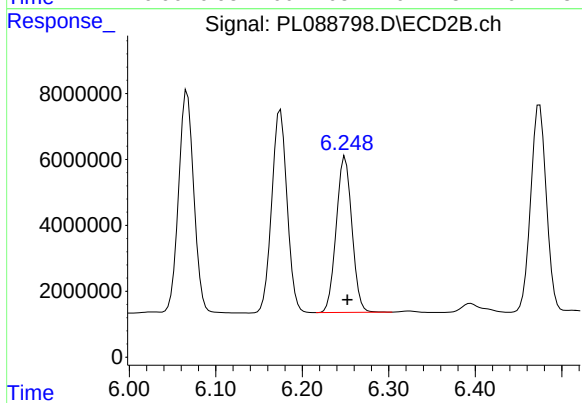
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: -0.003 min
Response: 76135055
Conc: 56.72 ng/ml



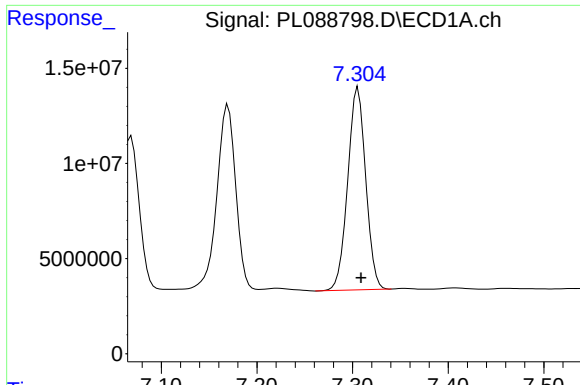
#18 Endrin aldehyde

R.T.: 7.067 min
Delta R.T.: -0.004 min
Response: 107063834
Conc: 51.28 ng/ml m



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: -0.002 min
Response: 59218672
Conc: 56.51 ng/ml



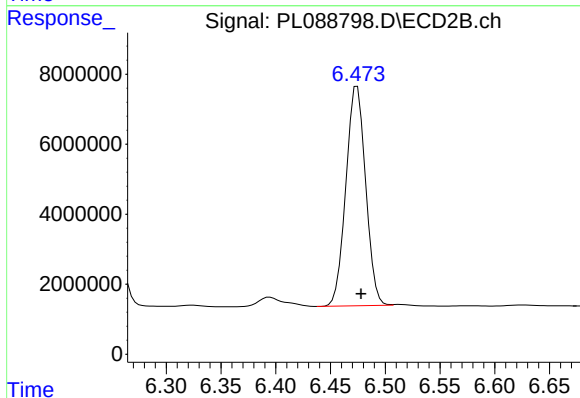
#19 Endosulfan Sulfate

R.T.: 7.306 min
Delta R.T.: -0.003 min
Response: 139656764
Conc: 50.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-5MS

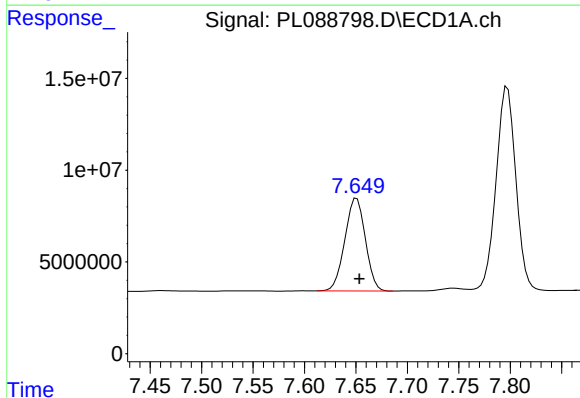
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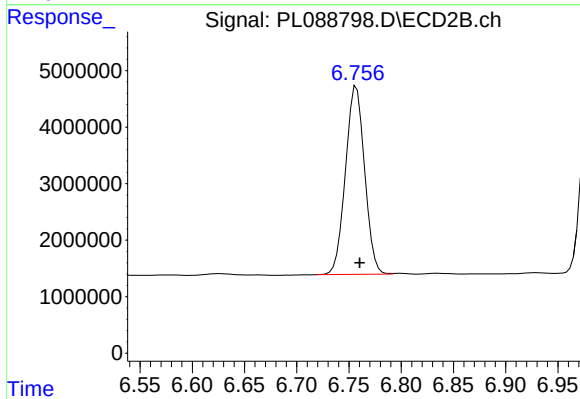
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: -0.003 min
Response: 78708523
Conc: 56.73 ng/ml



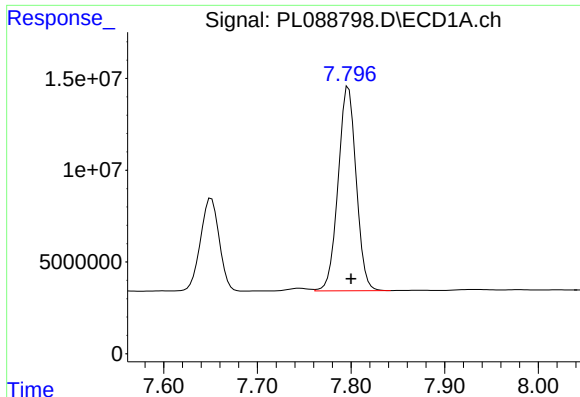
#20 Methoxychlor

R.T.: 7.651 min
Delta R.T.: -0.002 min
Response: 70029199
Conc: 46.48 ng/ml



#20 Methoxychlor

R.T.: 6.757 min
Delta R.T.: -0.003 min
Response: 42474707
Conc: 52.96 ng/ml



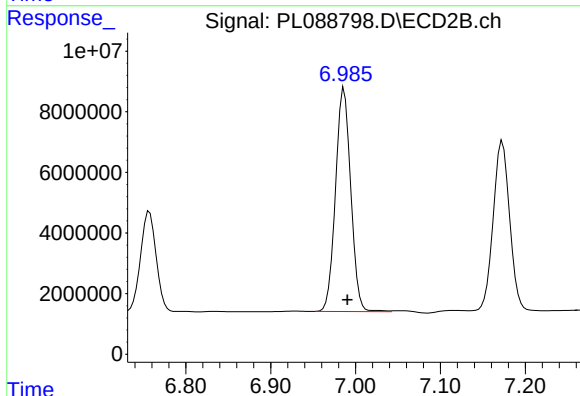
#21 Endrin ketone

R.T.: 7.797 min
Delta R.T.: -0.003 min
Response: 149032402
Conc: 50.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-5MS

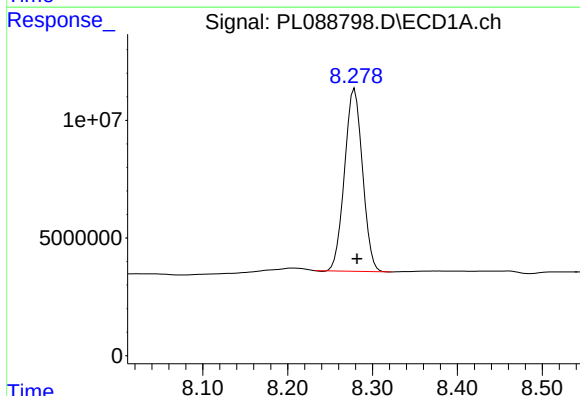
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Reviewed By :Abdul Mirza 03/28/2024
Supervised By :Ankita Jodhani 03/28/2024



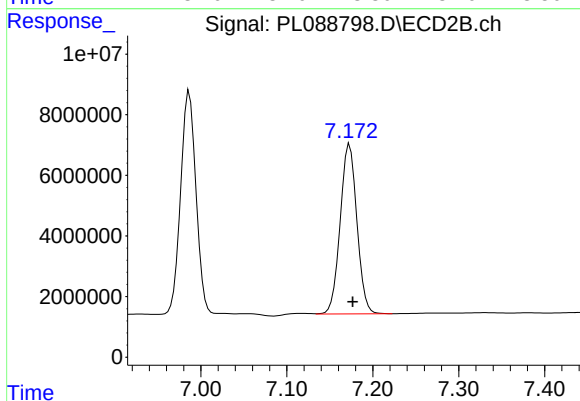
#21 Endrin ketone

R.T.: 6.987 min
Delta R.T.: -0.004 min
Response: 92053026
Conc: 55.77 ng/ml



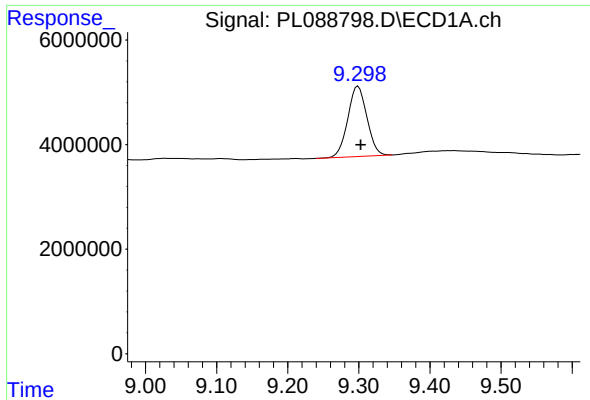
#22 Mirex

R.T.: 8.279 min
Delta R.T.: -0.003 min
Response: 113779012
Conc: 48.53 ng/ml



#22 Mirex

R.T.: 7.173 min
Delta R.T.: -0.003 min
Response: 75707249
Conc: 56.14 ng/ml



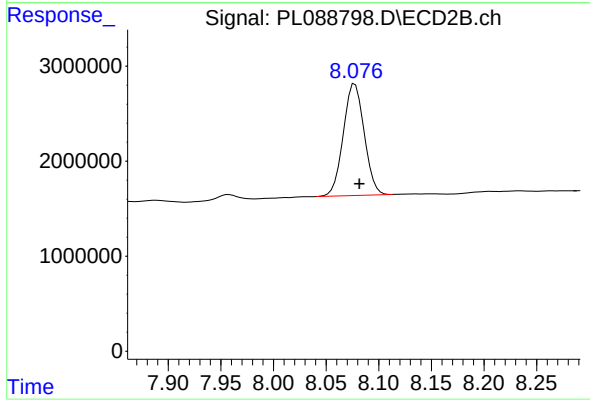
#28 Decachlorobiphenyl

R.T.: 9.299 min
Delta R.T.: -0.004 min
Response: 25058474
Conc: 10.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-5MS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 8.077 min
Delta R.T.: -0.004 min
Response: 16299665
Conc: 12.02 ng/ml