

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050824\
 Data File : PL089406.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 May 2024 14:53
 Operator : AR\AJ
 Sample : P2404-04MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TOP-SOIL-2MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/09/2024
 Supervised By :Ankita Jodhani 05/09/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 08 22:11:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 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...	3.550	2.797	42909341	26458091	21.309	20.621
28)	SA Decachlor...	9.067	7.949	19217188	17464522	13.736	12.983
Target Compounds							
2)	A alpha-BHC	4.006	3.302	151.0E6	105.5E6	52.956	55.897
3)	MA gamma-BHC...	4.338	3.633	135.9E6	100.0E6	48.805	54.198
4)	MA Heptachlor	4.928	3.975	119.8E6	93583019	48.315m	53.406
5)	MB Aldrin	5.270	4.256	113.3E6	91012249	44.121m	51.483
6)	B beta-BHC	4.532	3.930	61082476	43891569	48.418m	53.759
7)	B delta-BHC	4.781	4.161	127.0E6	94620482	47.878	52.591
8)	B Heptachlo...	5.697	4.759	116.1E6	82830425	49.501	51.232
9)	A Endosulfan I	6.082	5.130	105.1E6	76354258	48.911	50.981
10)	B gamma-Chl...	5.951	5.009	113.3E6	96936402	49.560m	59.074
11)	B alpha-Chl...	6.031	5.074	119.5E6	90436528	52.549m	54.837
12)	B 4,4'-DDE	6.204	5.263	99410707	81299840	49.132	55.915
13)	MA Dieldrin	6.357	5.395	104.1E6	83104210	46.519	51.659
14)	MA Endrin	6.586	5.670	90239949	76834531	47.637	53.444
15)	B Endosulfa...	6.805	5.964	92707854	72514606	46.451	50.416
16)	A 4,4'-DDD	6.720	5.817	84543762	62587686	50.115	50.751
17)	MA 4,4'-DDT	7.034	6.069	86715260	67293774	47.154	49.737
18)	B Endrin al...	6.935	6.143	68062475	53500345	45.006	48.098
19)	B Endosulfa...	7.169	6.366	85572699	66877771	47.307	48.212
20)	A Methoxychlor	7.509	6.644	44325501	37070428	45.074	46.362
21)	B Endrin ke...	7.655	6.873	91816544	74258029	45.871	46.440
22)	Mirex	8.129	7.056	67336455	60688510	43.328	44.486

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050824\
Data File : PL089406.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 May 2024 14:53
Operator : AR\AJ
Sample : P2404-04MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

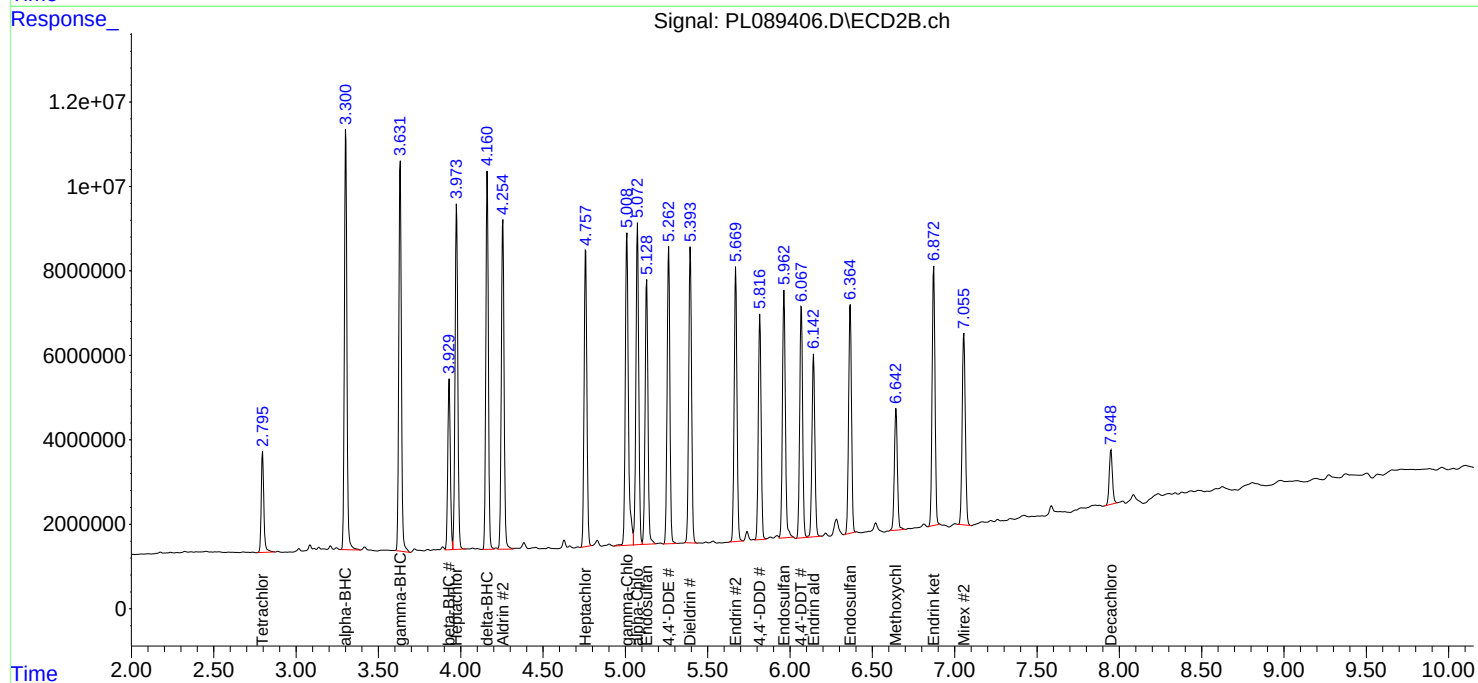
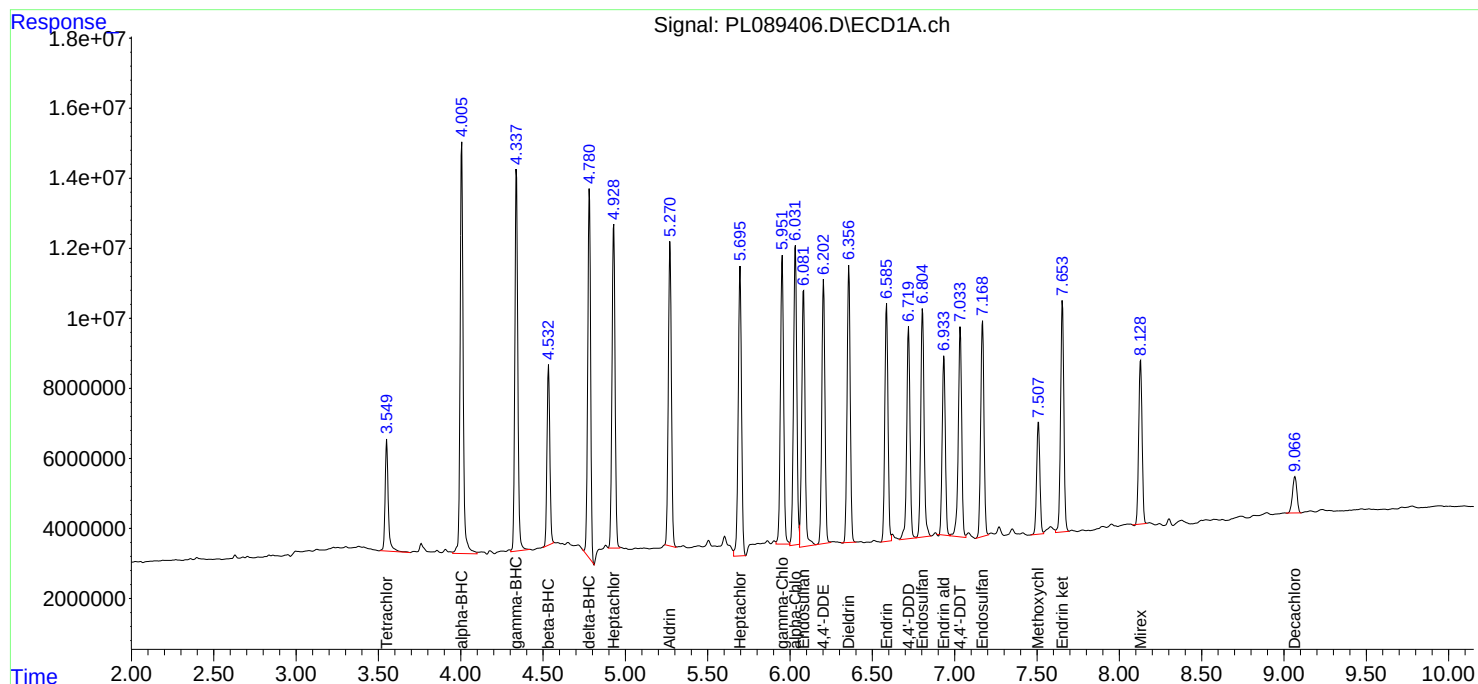
Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2MSD

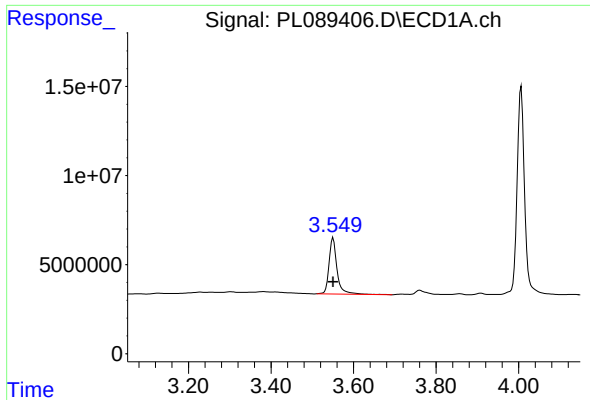
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 05/09/2024
Supervised By : Ankita Jodhani 05/09/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 08 22:11:08 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
Quant Title : GC Extractables
QLast Update : Fri Apr 26 19:27:30 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





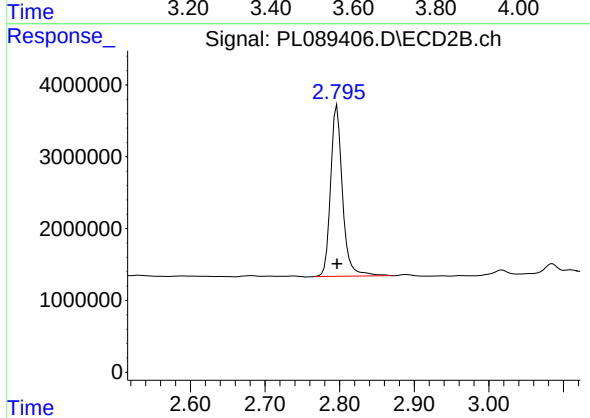
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 42909341
Conc: 21.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2MSD

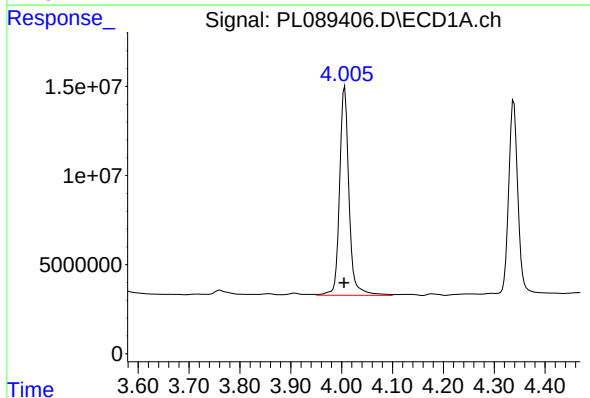
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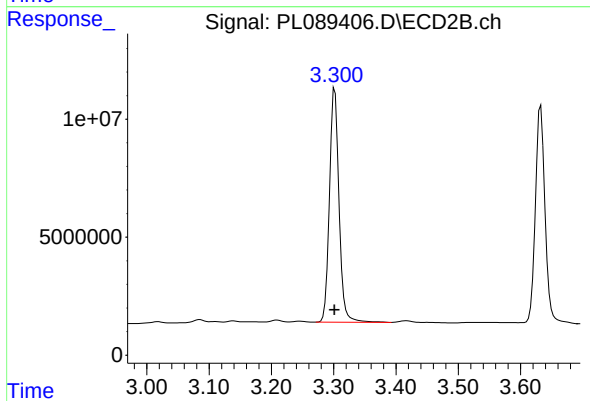
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 26458091
Conc: 20.62 ng/ml



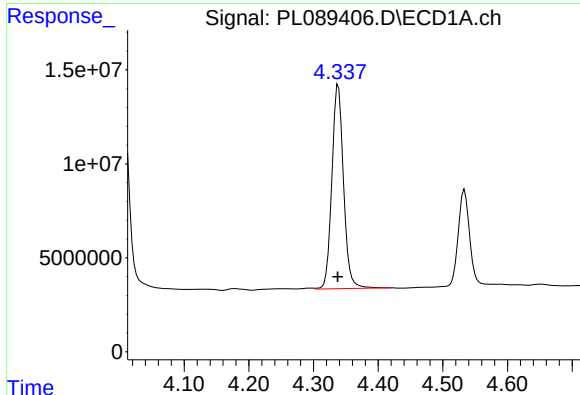
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.001 min
Response: 151019943
Conc: 52.96 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 105471435
Conc: 55.90 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.338 min

Delta R.T.: 0.000 min

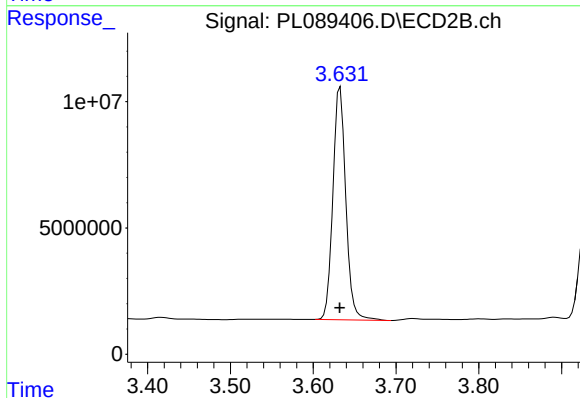
Response: 135868985

Conc: 48.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2MSD

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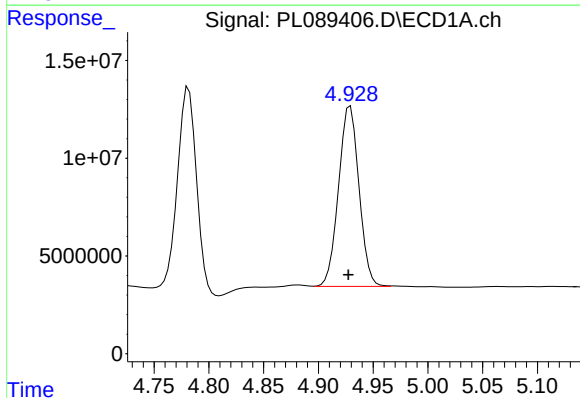
#3 gamma-BHC (Lindane)

R.T.: 3.633 min

Delta R.T.: 0.000 min

Response: 100008271

Conc: 54.20 ng/ml



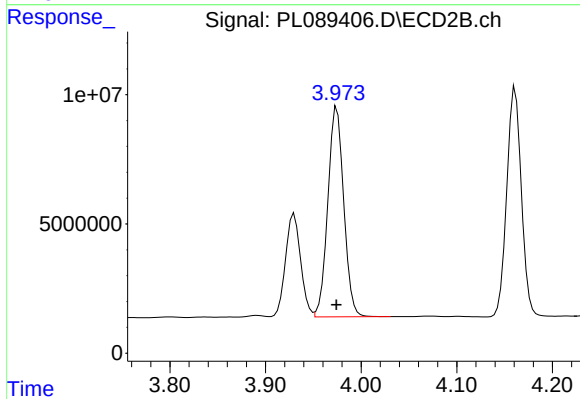
#4 Heptachlor

R.T.: 4.928 min

Delta R.T.: 0.000 min

Response: 119826177

Conc: 48.31 ng/ml m



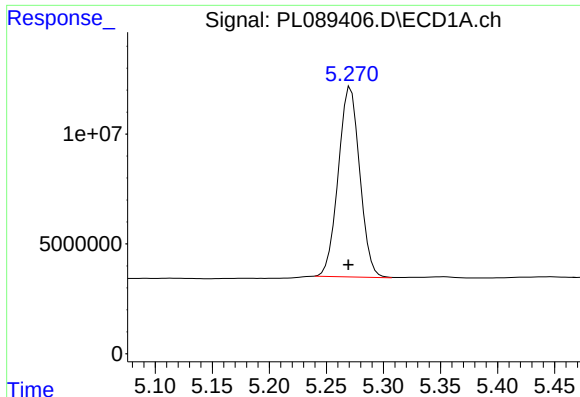
#4 Heptachlor

R.T.: 3.975 min

Delta R.T.: 0.000 min

Response: 93583019

Conc: 53.41 ng/ml



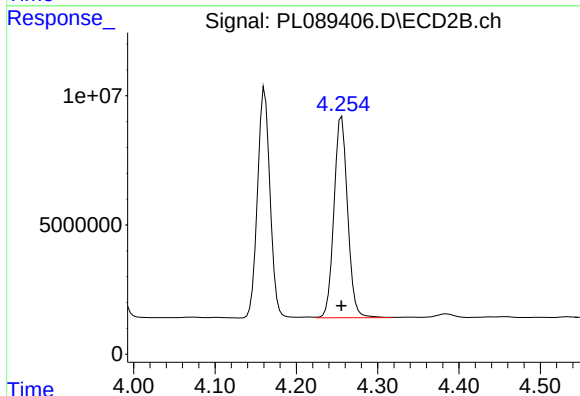
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 113312605
Conc: 44.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2MSD

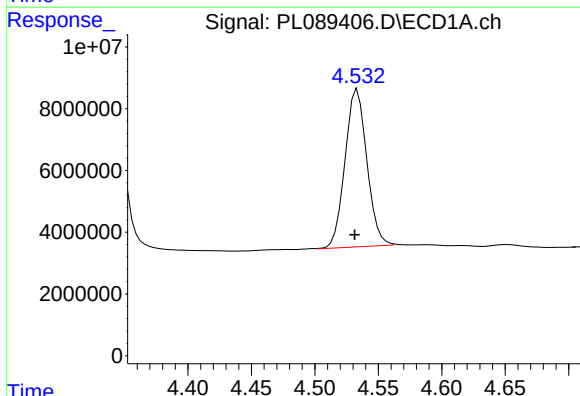
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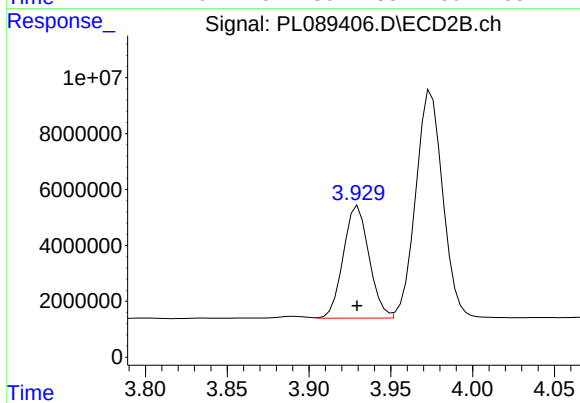
#5 Aldrin

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 91012249
Conc: 51.48 ng/ml



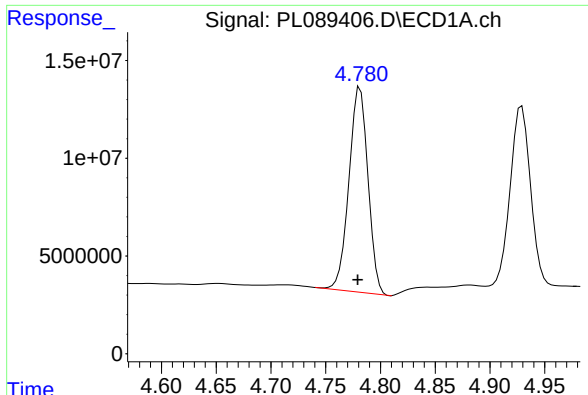
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 61082476
Conc: 48.42 ng/ml m



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 43891569
Conc: 53.76 ng/ml



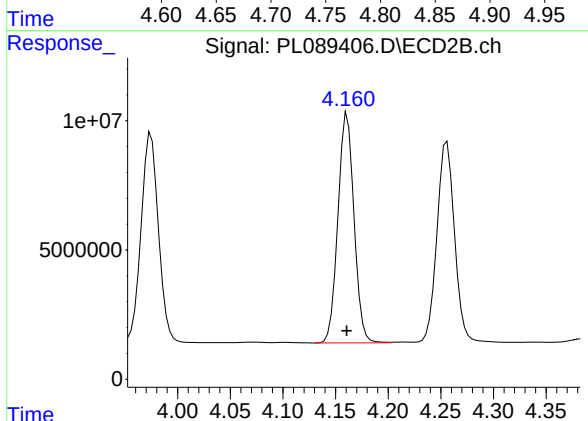
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: 0.002 min
Response: 126975124
Conc: 47.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2MSD

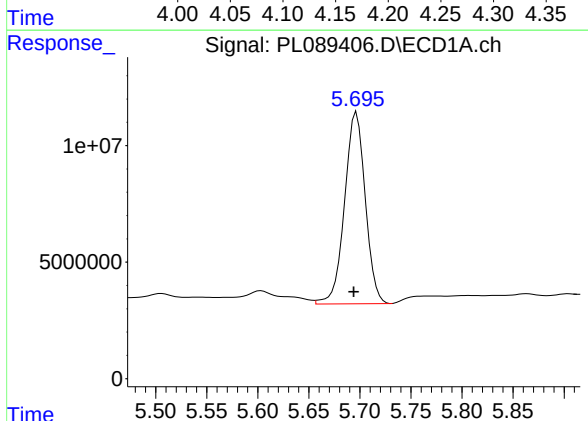
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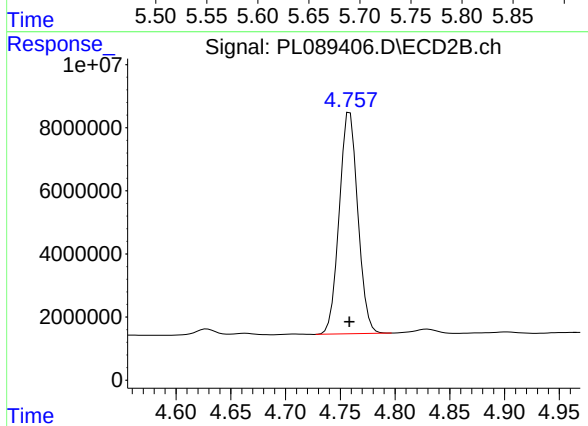
#7 delta-BHC

R.T.: 4.161 min
Delta R.T.: 0.000 min
Response: 94620482
Conc: 52.59 ng/ml



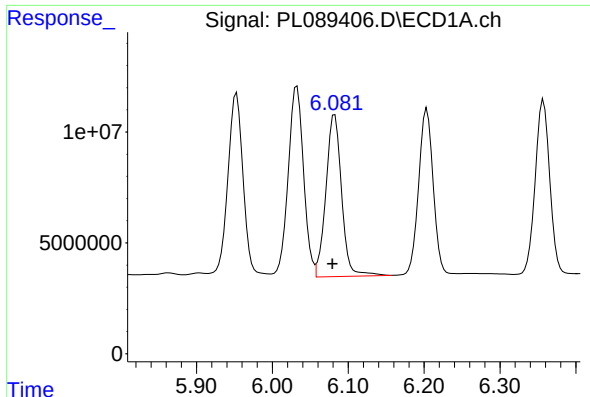
#8 Heptachlor epoxide

R.T.: 5.697 min
Delta R.T.: 0.003 min
Response: 116103738
Conc: 49.50 ng/ml



#8 Heptachlor epoxide

R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 82830425
Conc: 51.23 ng/ml



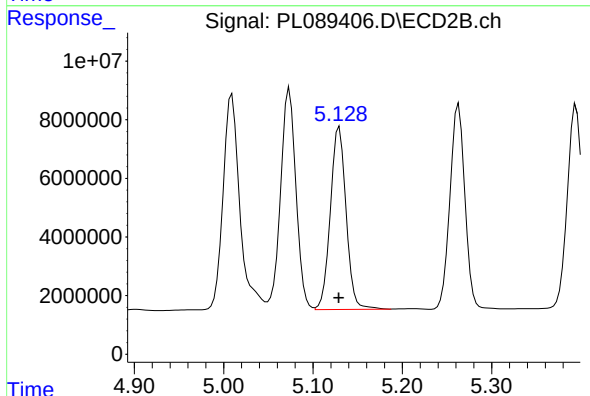
#9 Endosulfan I

R.T.: 6.082 min
Delta R.T.: 0.003 min
Response: 105148110
Conc: 48.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2MSD

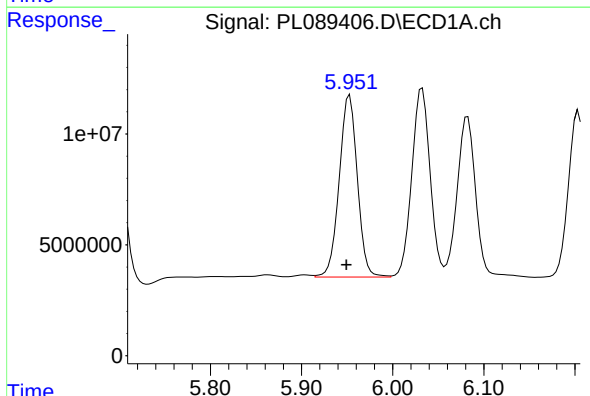
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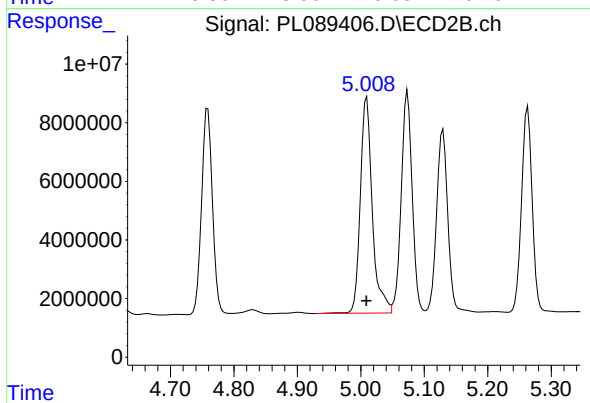
#9 Endosulfan I

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 76354258
Conc: 50.98 ng/ml



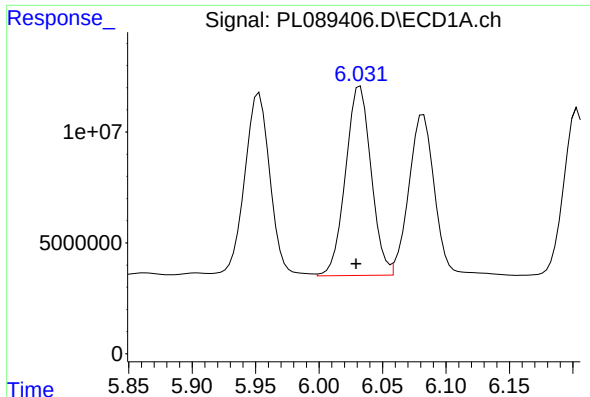
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: 0.002 min
Response: 113289179
Conc: 49.56 ng/ml m



#10 gamma-Chlordane

R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 96936402
Conc: 59.07 ng/ml



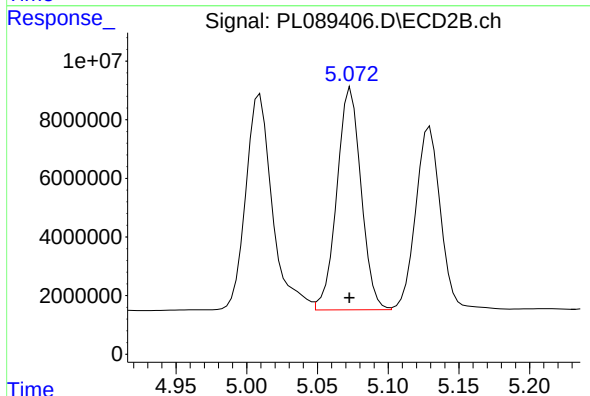
#11 alpha-Chlordane

R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 119533680
Conc: 52.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2MSD

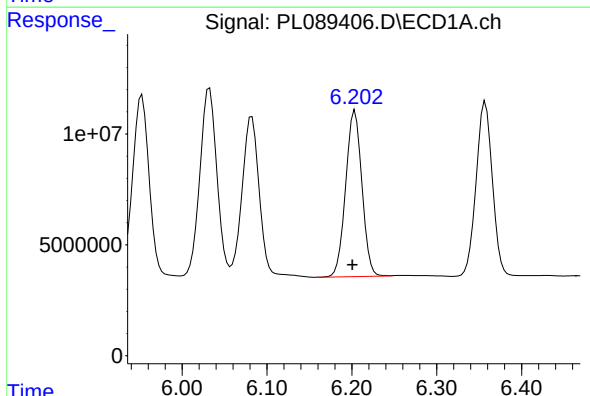
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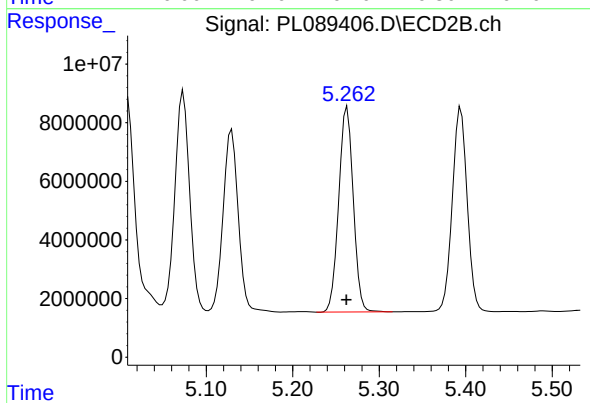
#11 alpha-Chlordane

R.T.: 5.074 min
Delta R.T.: 0.001 min
Response: 90436528
Conc: 54.84 ng/ml



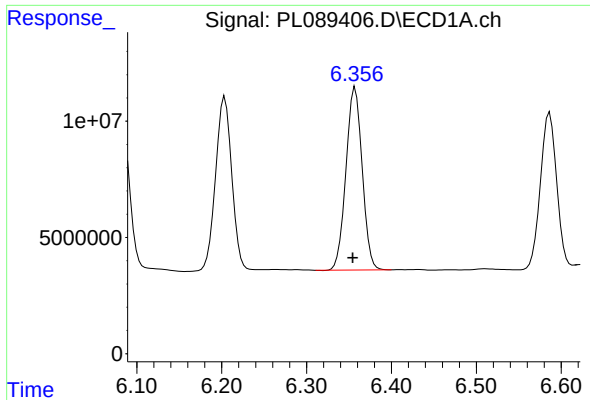
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.003 min
Response: 99410707
Conc: 49.13 ng/ml



#12 4,4'-DDE

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 81299840
Conc: 55.92 ng/ml



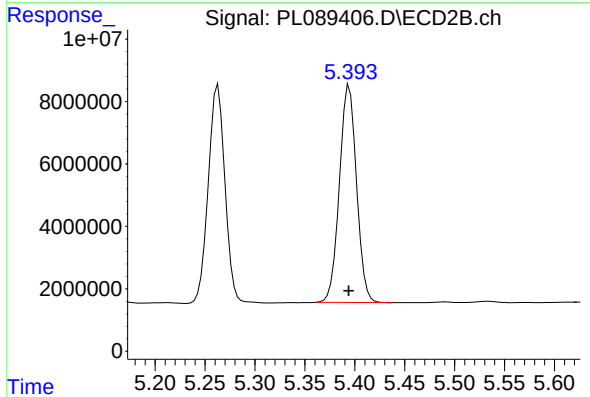
#13 Dieldrin

R.T.: 6.357 min
Delta R.T.: 0.003 min
Response: 104131270
Conc: 46.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2MSD

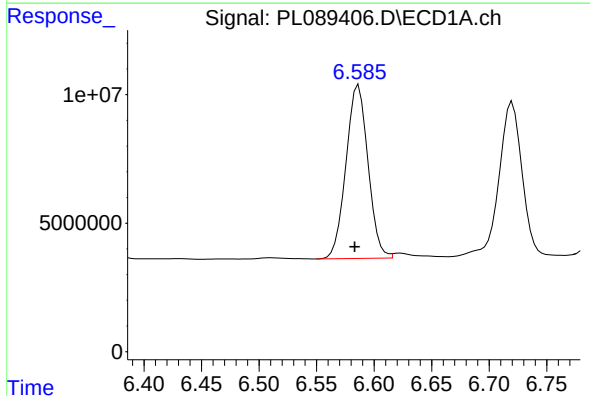
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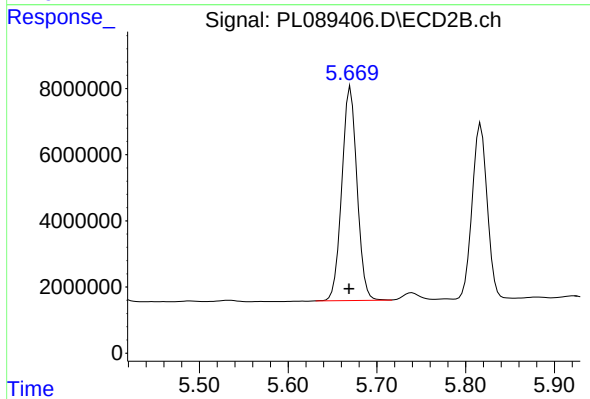
#13 Dieldrin

R.T.: 5.395 min
Delta R.T.: 0.000 min
Response: 83104210
Conc: 51.66 ng/ml



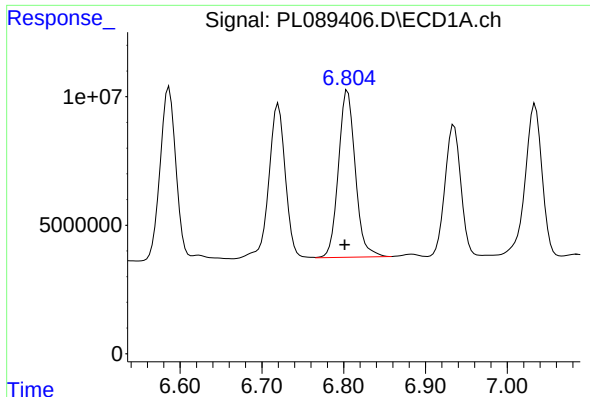
#14 Endrin

R.T.: 6.586 min
Delta R.T.: 0.003 min
Response: 90239949
Conc: 47.64 ng/ml



#14 Endrin

R.T.: 5.670 min
Delta R.T.: 0.002 min
Response: 76834531
Conc: 53.44 ng/ml



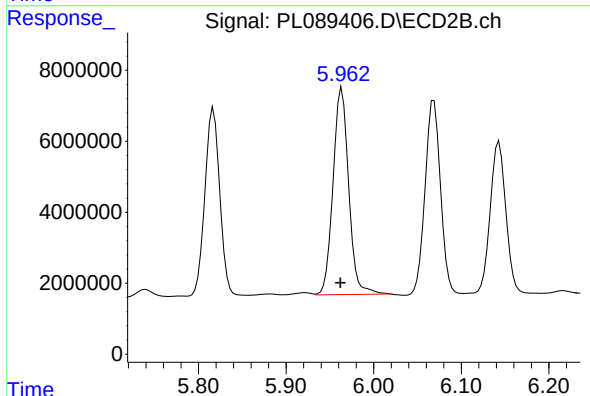
#15 Endosulfan II

R.T.: 6.805 min
Delta R.T.: 0.004 min
Response: 92707854
Conc: 46.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2MSD

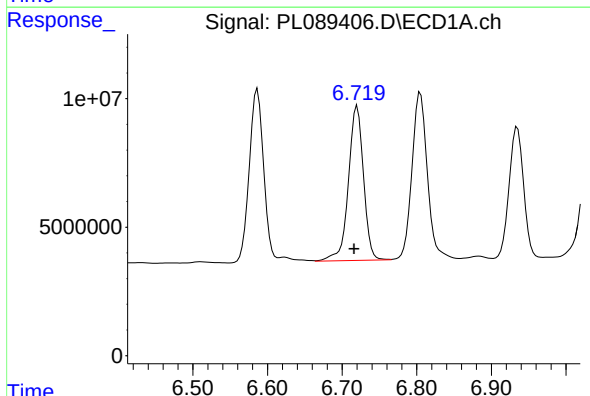
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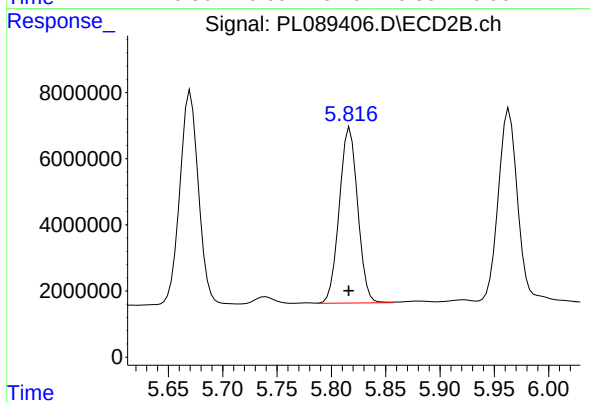
#15 Endosulfan II

R.T.: 5.964 min
Delta R.T.: 0.002 min
Response: 72514606
Conc: 50.42 ng/ml



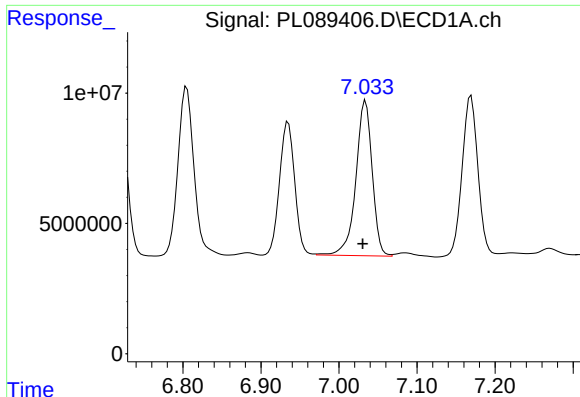
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: 0.004 min
Response: 84543762
Conc: 50.11 ng/ml



#16 4,4'-DDD

R.T.: 5.817 min
Delta R.T.: 0.001 min
Response: 62587686
Conc: 50.75 ng/ml



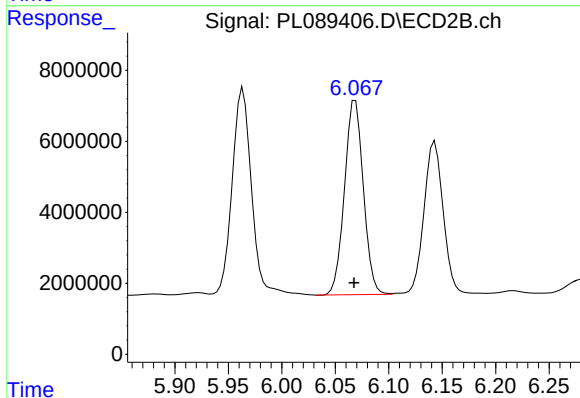
#17 4,4'-DDT

R.T.: 7.034 min
Delta R.T.: 0.003 min
Response: 86715260
Conc: 47.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2MSD

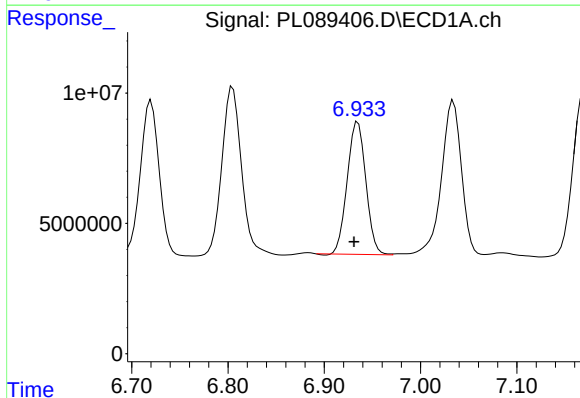
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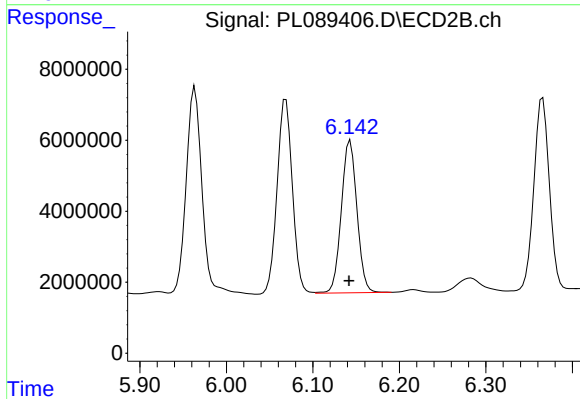
#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: 0.001 min
Response: 67293774
Conc: 49.74 ng/ml



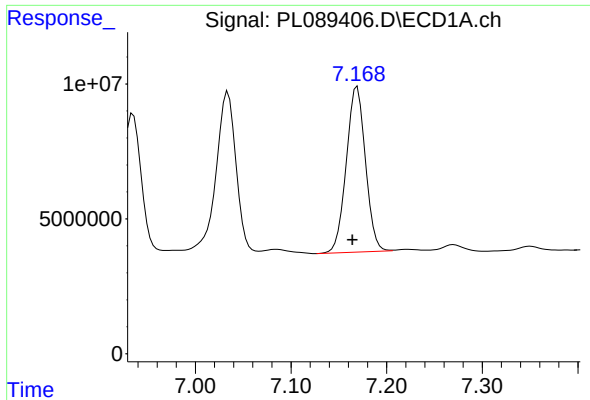
#18 Endrin aldehyde

R.T.: 6.935 min
Delta R.T.: 0.004 min
Response: 68062475
Conc: 45.01 ng/ml



#18 Endrin aldehyde

R.T.: 6.143 min
Delta R.T.: 0.001 min
Response: 53500345
Conc: 48.10 ng/ml



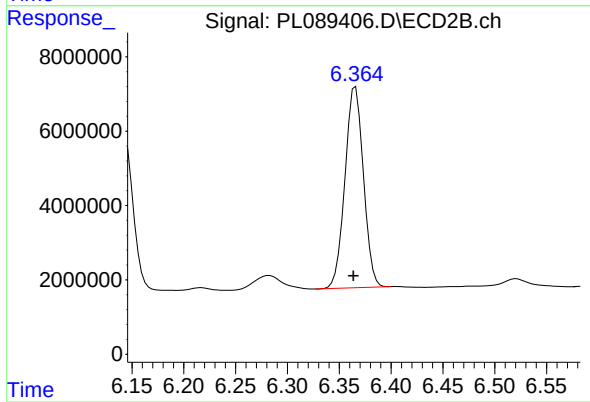
#19 Endosulfan Sulfate

R.T.: 7.169 min
Delta R.T.: 0.005 min
Response: 85572699
Conc: 47.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2MSD

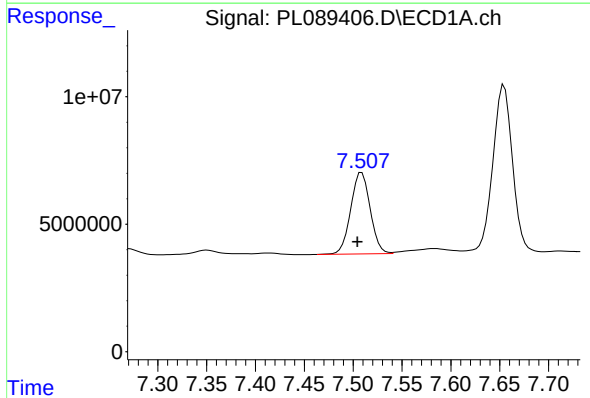
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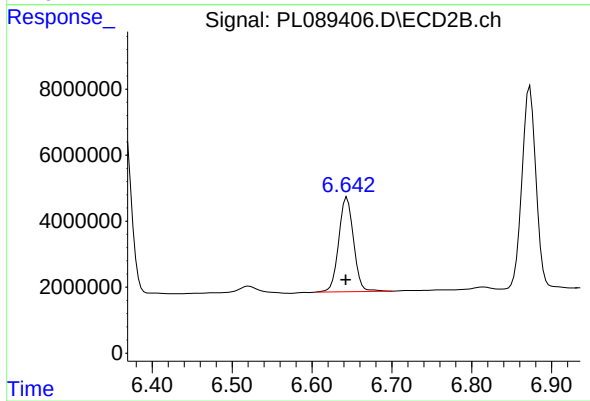
#19 Endosulfan Sulfate

R.T.: 6.366 min
Delta R.T.: 0.002 min
Response: 66877771
Conc: 48.21 ng/ml



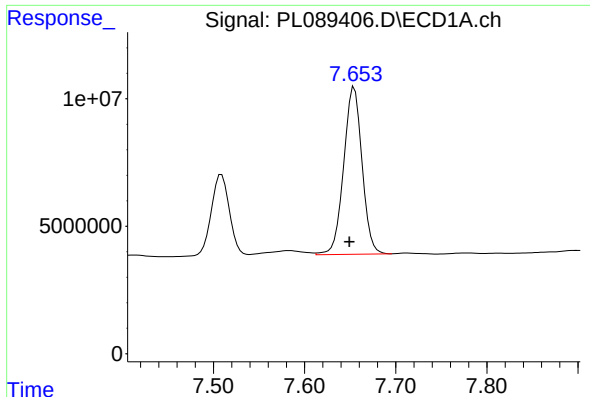
#20 Methoxychlor

R.T.: 7.509 min
Delta R.T.: 0.004 min
Response: 44325501
Conc: 45.07 ng/ml



#20 Methoxychlor

R.T.: 6.644 min
Delta R.T.: 0.001 min
Response: 37070428
Conc: 46.36 ng/ml



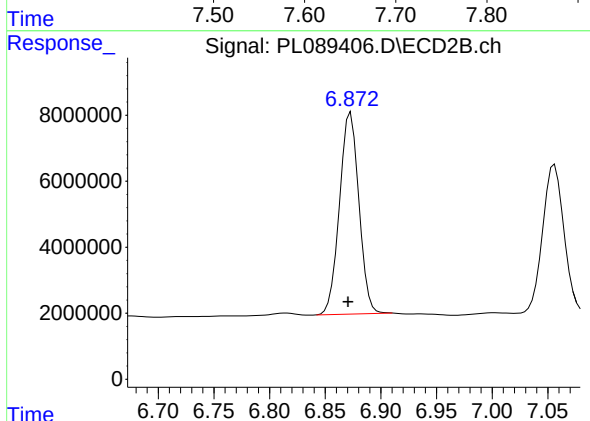
#21 Endrin ketone

R.T.: 7.655 min
Delta R.T.: 0.006 min
Response: 91816544
Conc: 45.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2MSD

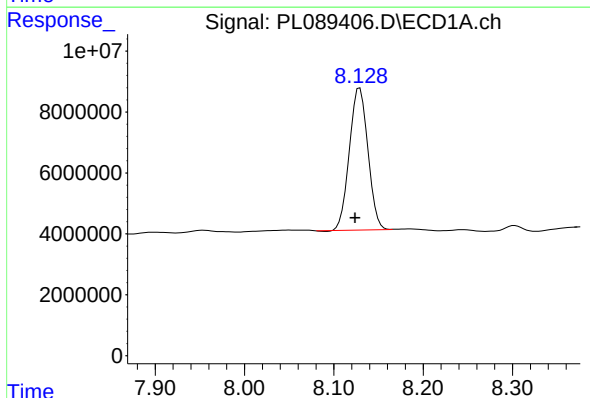
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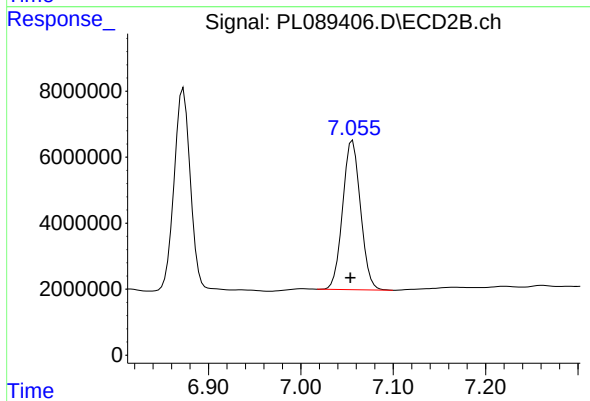
#21 Endrin ketone

R.T.: 6.873 min
Delta R.T.: 0.002 min
Response: 74258029
Conc: 46.44 ng/ml



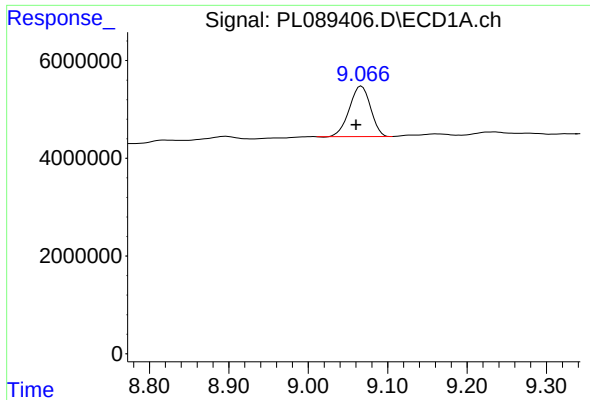
#22 Mirex

R.T.: 8.129 min
Delta R.T.: 0.005 min
Response: 67336455
Conc: 43.33 ng/ml



#22 Mirex

R.T.: 7.056 min
Delta R.T.: 0.002 min
Response: 60688510
Conc: 44.49 ng/ml



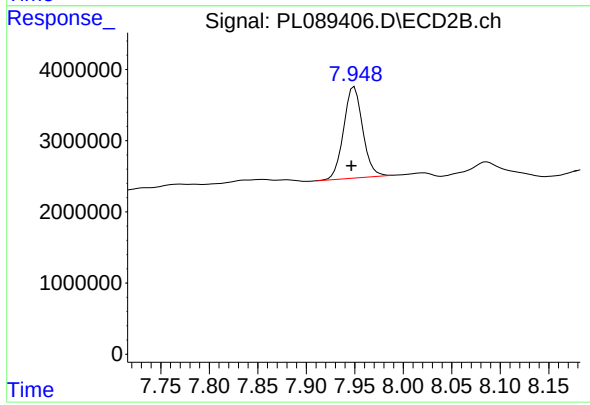
#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.007 min
Response: 19217188
Conc: 13.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.003 min
Response: 17464522
Conc: 12.98 ng/ml