

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050824\
 Data File : PL089405.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 May 2024 14:39
 Operator : AR\AJ
 Sample : P2404-04MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TOP-SOIL-2MS

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 22:10:45 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...	3.551	2.797	41824462	26273476	20.770	20.477
28)	SA Decachlor...	9.066	7.949	20177869	17581080	14.423	13.070
Target Compounds							
2)	A alpha-BHC	4.006	3.302	151.5E6	104.1E6	53.119	55.167
3)	MA gamma-BHC...	4.339	3.633	135.8E6	99412893	48.798	53.875
4)	MA Heptachlor	4.928	3.975	121.0E6	94010246	48.770m	53.650
5)	MB Aldrin	5.270	4.256	117.0E6	91723129	45.569m	51.885
6)	B beta-BHC	4.534	3.930	61970443	43724021	49.122	53.553
7)	B delta-BHC	4.781	4.162	126.9E6	94317882	47.835	52.422
8)	B Heptachlo...	5.697	4.760	116.8E6	82454077	49.803	50.999
9)	A Endosulfan I	6.082	5.130	106.1E6	76253572	49.348	50.914
10)	B gamma-Chl...	5.952	5.010	122.5E6	96204614	53.571	58.628
11)	B alpha-Chl...	6.033	5.074	123.5E6	90237819	54.310	54.716
12)	B 4,4'-DDE	6.204	5.264	99976901	81068216	49.411	55.756
13)	MA Dieldrin	6.358	5.395	105.0E6	83077024	46.896	51.642
14)	MA Endrin	6.586	5.671	91034058	76273305	48.056	53.053
15)	B Endosulfa...	6.805	5.964	93790458	72931833	46.994	50.706
16)	A 4,4'-DDD	6.720	5.818	85883098	62304269	50.909	50.521
17)	MA 4,4'-DDT	7.034	6.069	89133298	68024804	48.469	50.278
18)	B Endrin al...	6.935	6.144	69572994	53829981	46.005	48.395
19)	B Endosulfa...	7.169	6.366	86819567	67359419	47.997	48.559
20)	A Methoxychlor	7.509	6.644	45513991	37656386	46.282	47.095
21)	B Endrin ke...	7.654	6.873	93812750	74624427	46.868	46.670
22)	Mirex	8.130	7.056	69038563	61447851	44.423	45.042

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050824\
Data File : PL089405.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 May 2024 14:39
Operator : AR\AJ
Sample : P2404-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

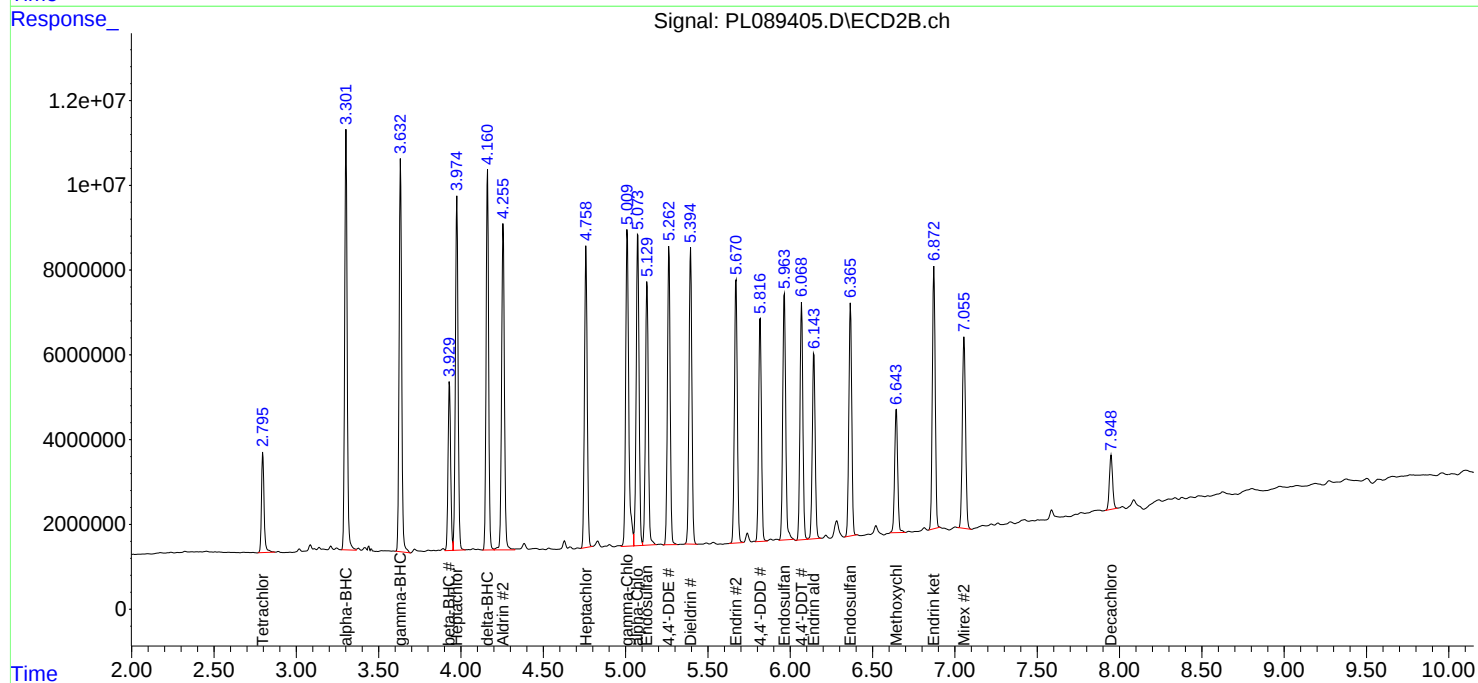
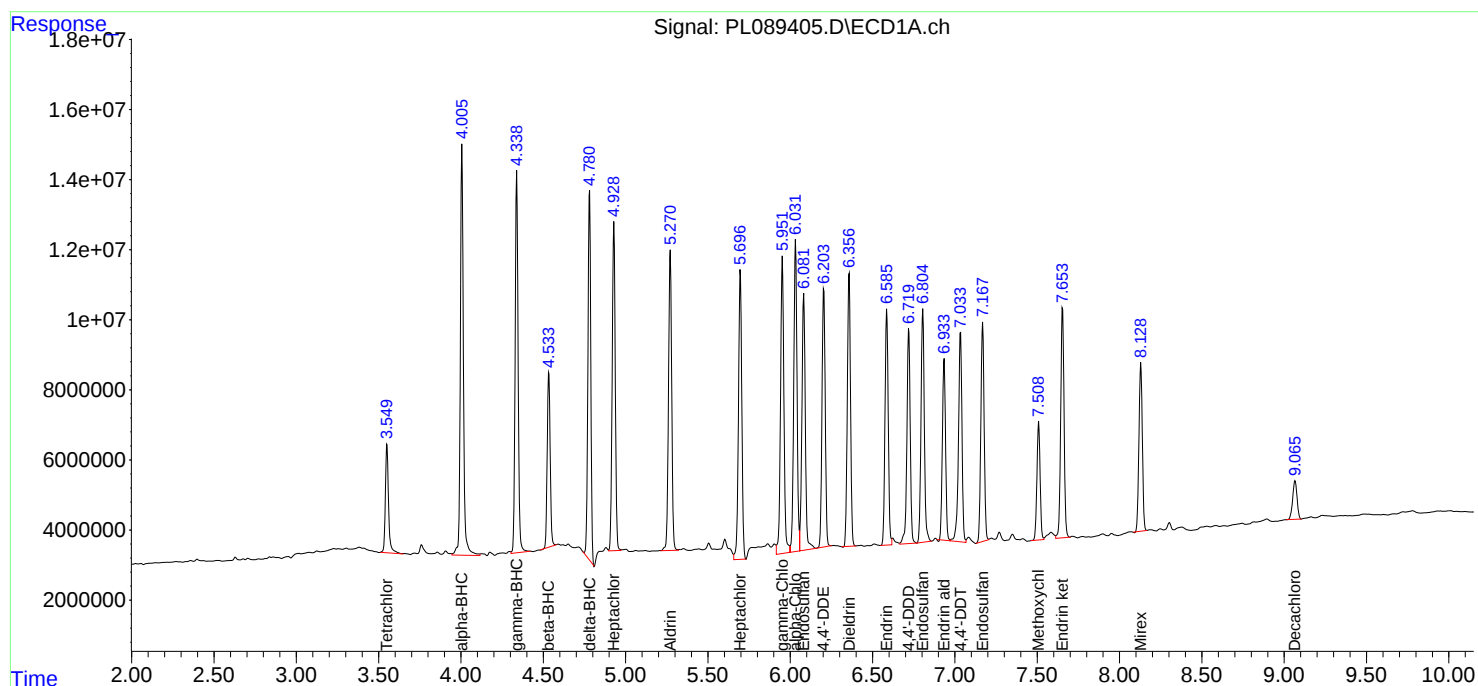
Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2MS

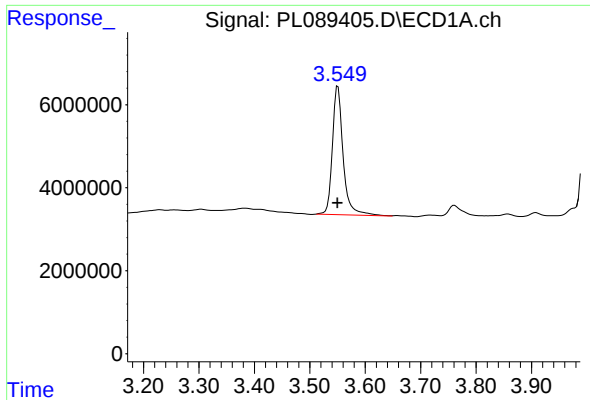
Manual Integrations
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Supervised By : Ankita Jodhani 05/09/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 08 22:10:45 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





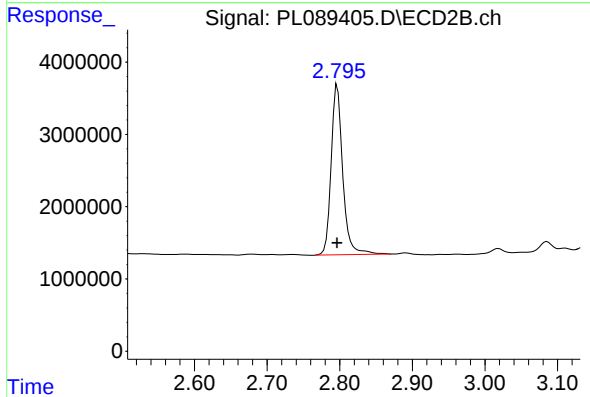
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 41824462
Conc: 20.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2MS

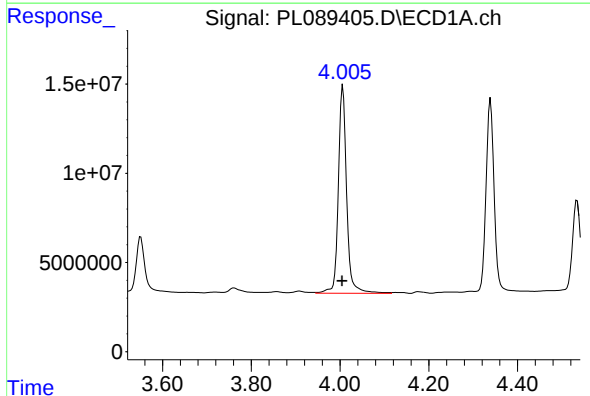
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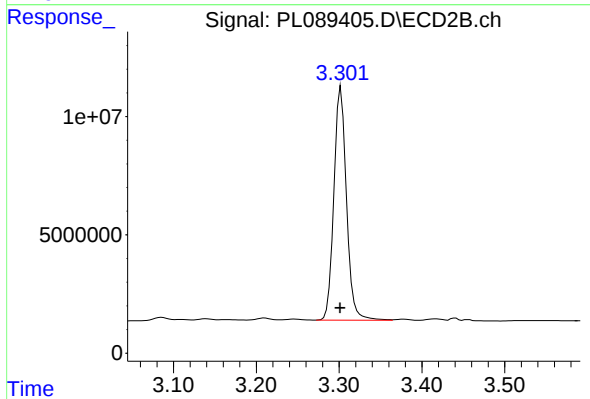
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 26273476
Conc: 20.48 ng/ml



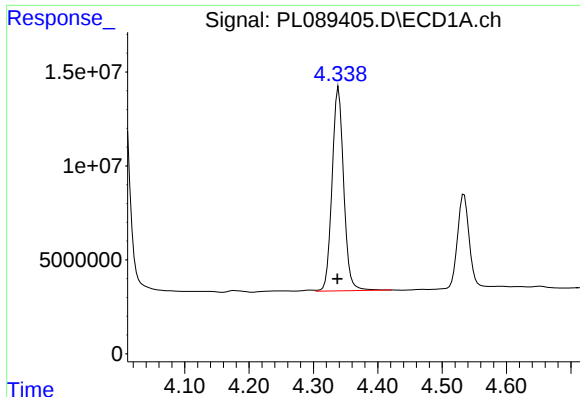
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.001 min
Response: 151483461
Conc: 53.12 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.001 min
Response: 104094343
Conc: 55.17 ng/ml



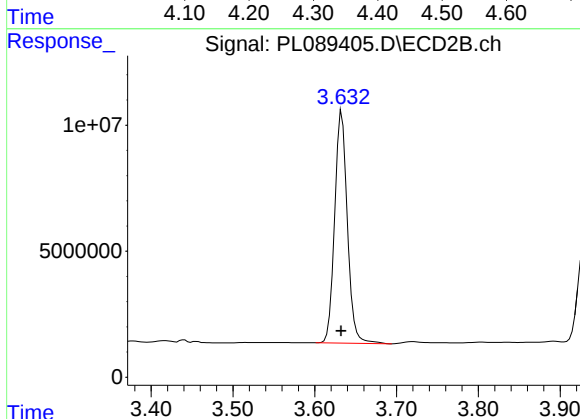
#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.002 min
Response: 135849332
Conc: 48.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2MS

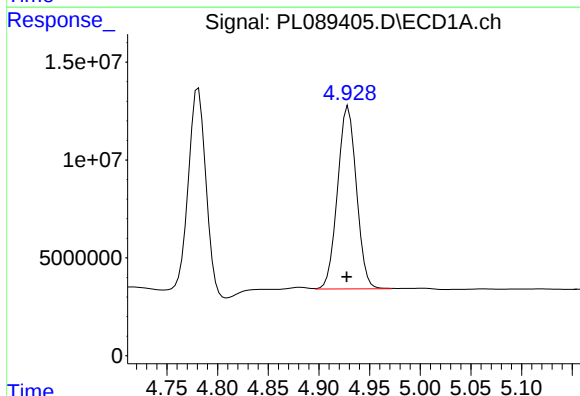
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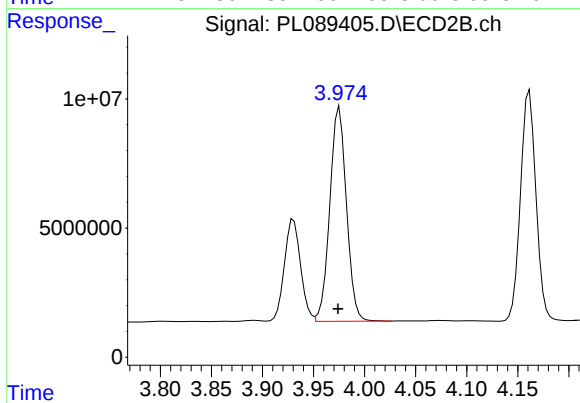
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.001 min
Response: 99412893
Conc: 53.87 ng/ml



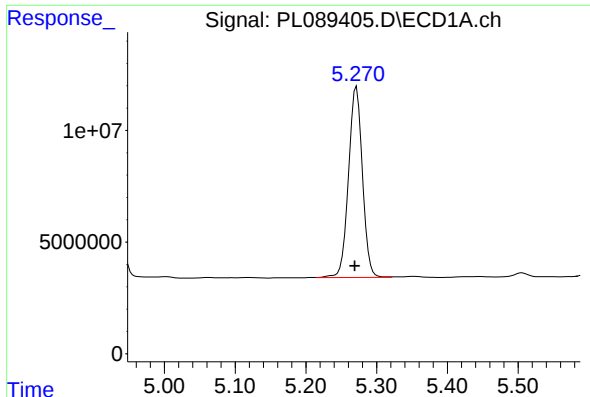
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 120955361
Conc: 48.77 ng/ml m



#4 Heptachlor

R.T.: 3.975 min
Delta R.T.: 0.001 min
Response: 94010246
Conc: 53.65 ng/ml



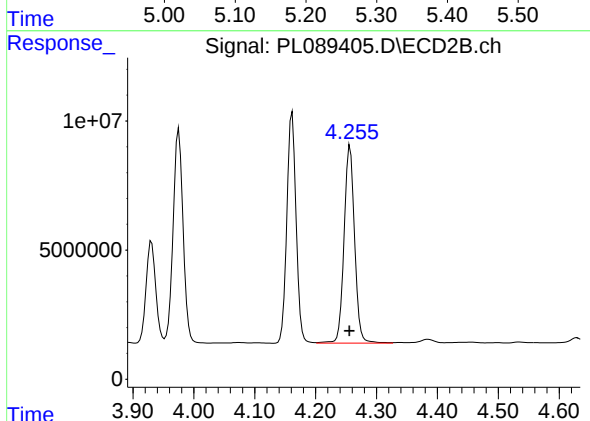
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 117032405
Conc: 45.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2MS

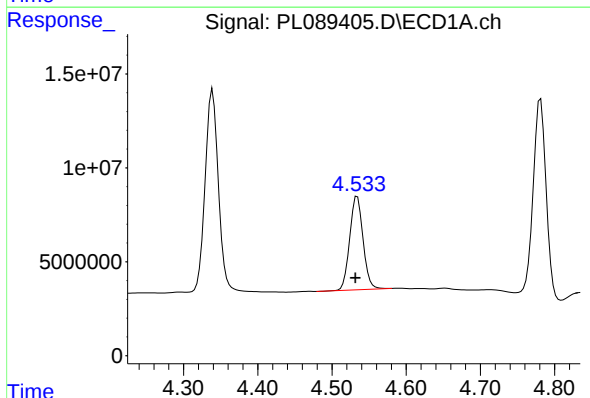
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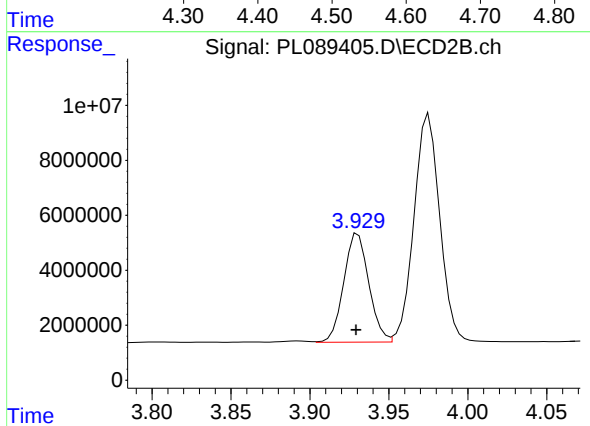
#5 Aldrin

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 91723129
Conc: 51.89 ng/ml



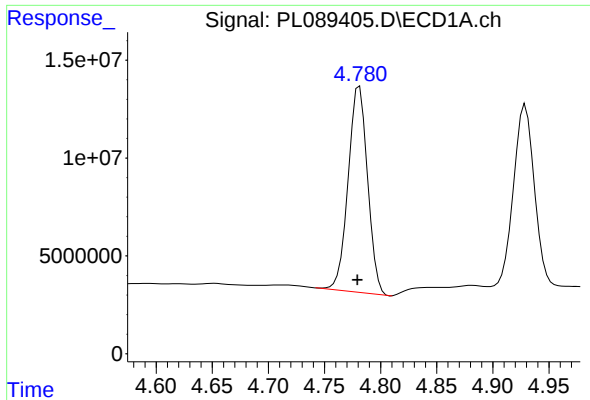
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.003 min
Response: 61970443
Conc: 49.12 ng/ml



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.001 min
Response: 43724021
Conc: 53.55 ng/ml



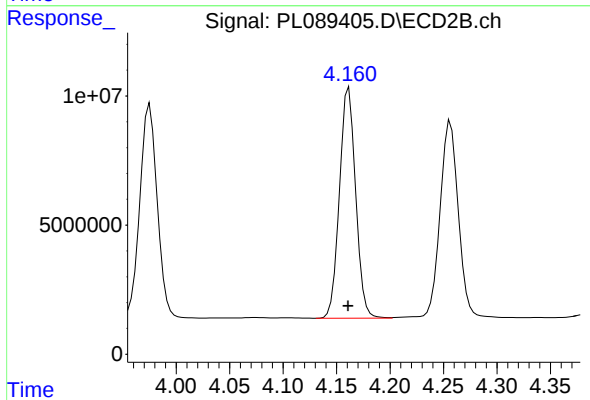
#7 delta-BHC

R.T.: 4.781 min
Delta R.T.: 0.002 min
Response: 126861517
Conc: 47.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2MS

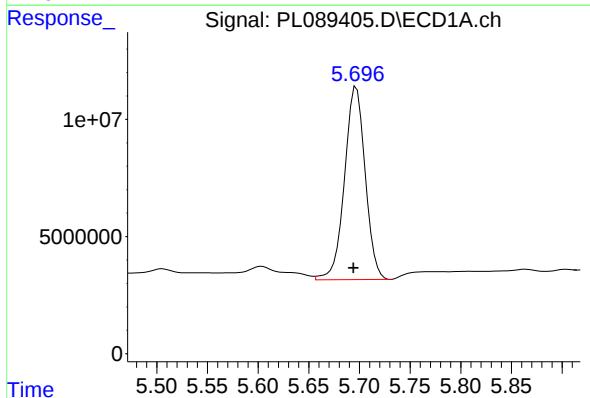
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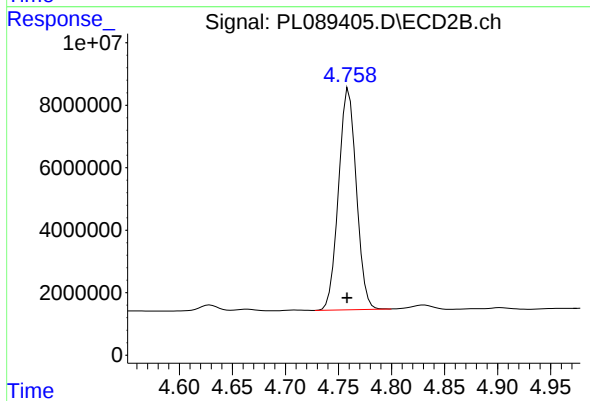
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: 0.000 min
Response: 94317882
Conc: 52.42 ng/ml



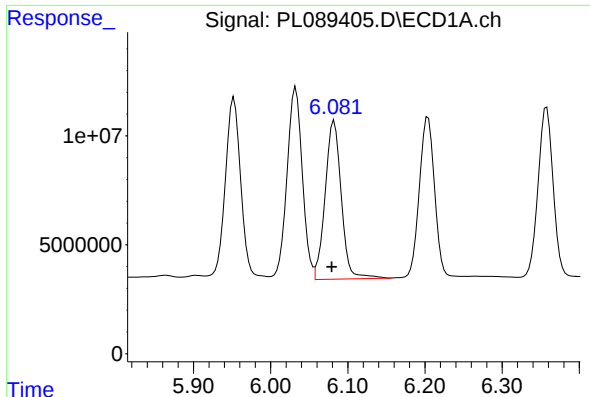
#8 Heptachlor epoxide

R.T.: 5.697 min
Delta R.T.: 0.003 min
Response: 116810385
Conc: 49.80 ng/ml



#8 Heptachlor epoxide

R.T.: 4.760 min
Delta R.T.: 0.002 min
Response: 82454077
Conc: 51.00 ng/ml



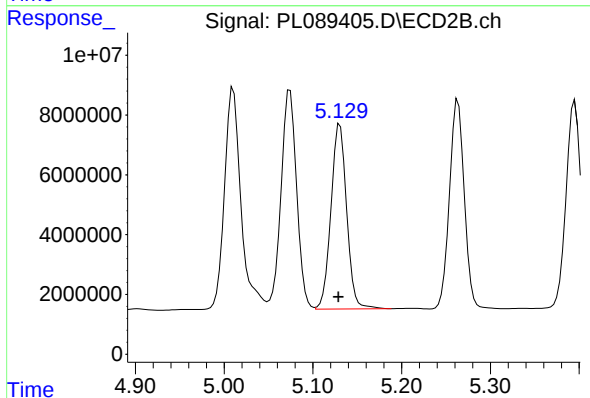
#9 Endosulfan I

R.T.: 6.082 min
Delta R.T.: 0.003 min
Response: 106088554
Conc: 49.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2MS

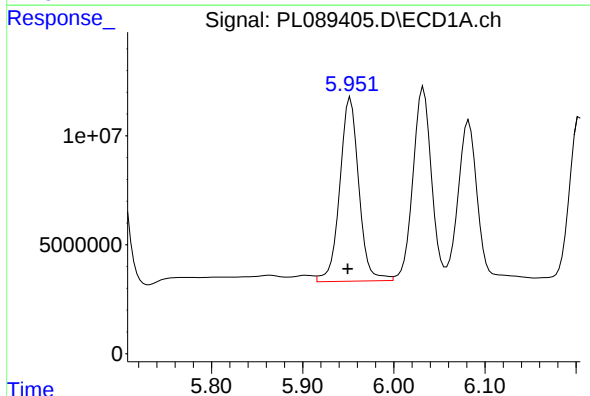
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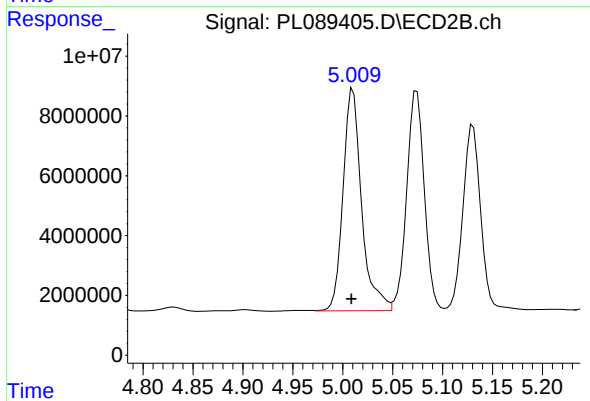
#9 Endosulfan I

R.T.: 5.130 min
Delta R.T.: 0.002 min
Response: 76253572
Conc: 50.91 ng/ml



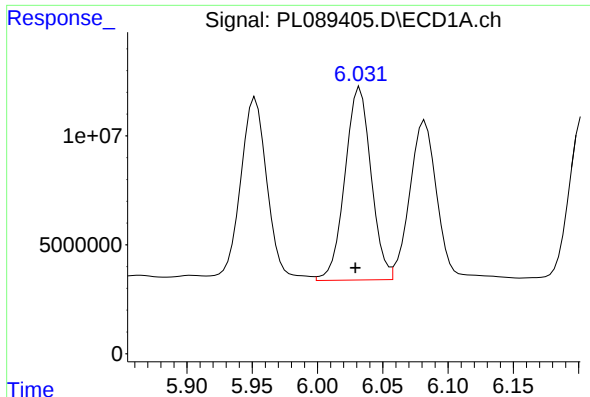
#10 gamma-Chlordane

R.T.: 5.952 min
Delta R.T.: 0.003 min
Response: 122457554
Conc: 53.57 ng/ml



#10 gamma-Chlordane

R.T.: 5.010 min
Delta R.T.: 0.002 min
Response: 96204614
Conc: 58.63 ng/ml



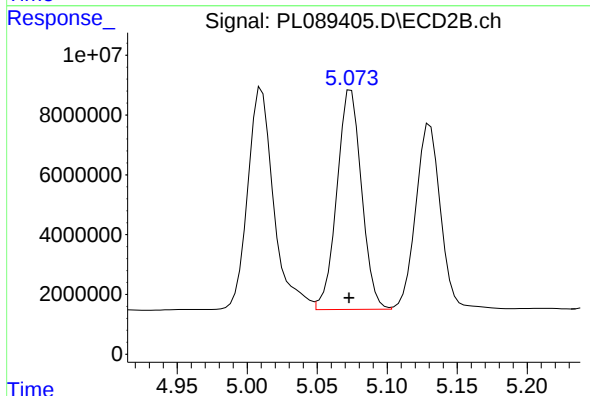
#11 alpha-Chlordane

R.T.: 6.033 min
Delta R.T.: 0.003 min
Response: 123539470
Conc: 54.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2MS

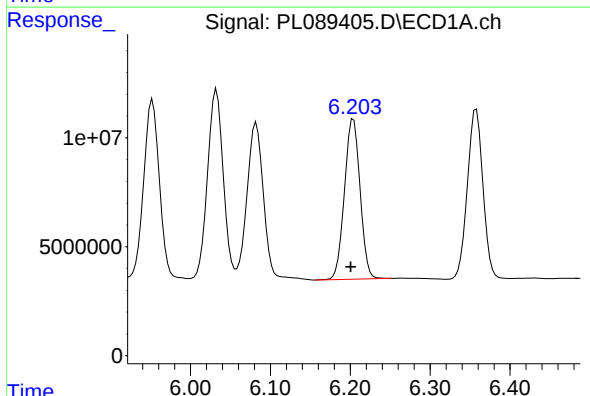
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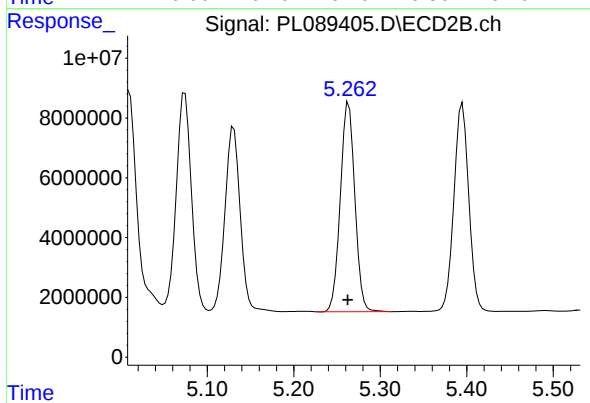
#11 alpha-Chlordane

R.T.: 5.074 min
Delta R.T.: 0.002 min
Response: 90237819
Conc: 54.72 ng/ml



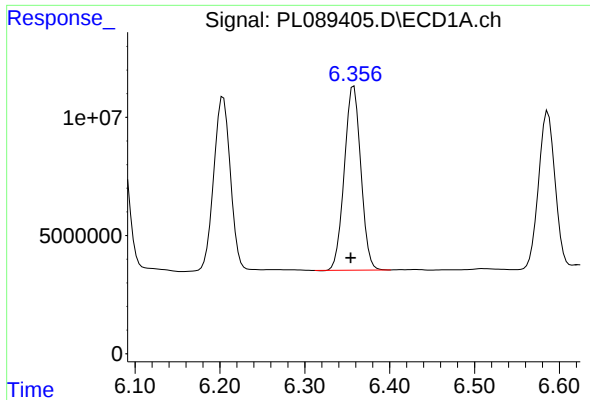
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.003 min
Response: 99976901
Conc: 49.41 ng/ml



#12 4,4'-DDE

R.T.: 5.264 min
Delta R.T.: 0.001 min
Response: 81068216
Conc: 55.76 ng/ml



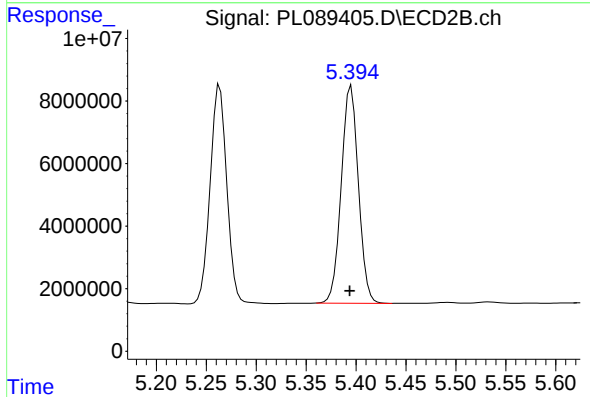
#13 Dieldrin

R.T.: 6.358 min
Delta R.T.: 0.004 min
Response: 104973757
Conc: 46.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2MS

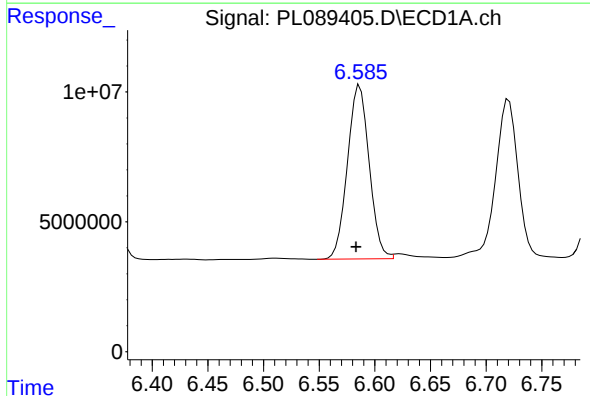
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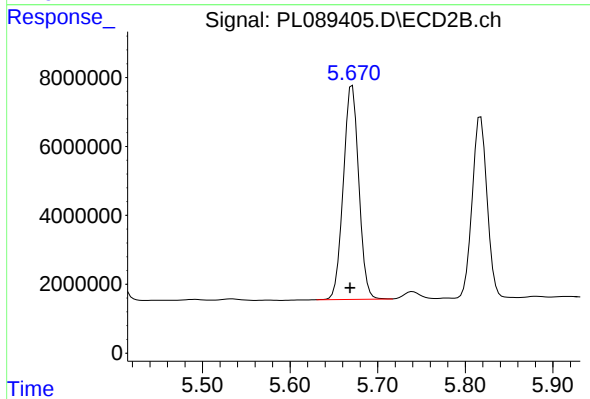
#13 Dieldrin

R.T.: 5.395 min
Delta R.T.: 0.001 min
Response: 83077024
Conc: 51.64 ng/ml



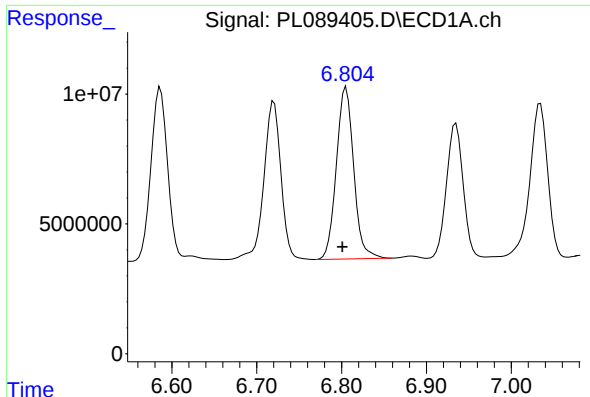
#14 Endrin

R.T.: 6.586 min
Delta R.T.: 0.003 min
Response: 91034058
Conc: 48.06 ng/ml



#14 Endrin

R.T.: 5.671 min
Delta R.T.: 0.002 min
Response: 76273305
Conc: 53.05 ng/ml



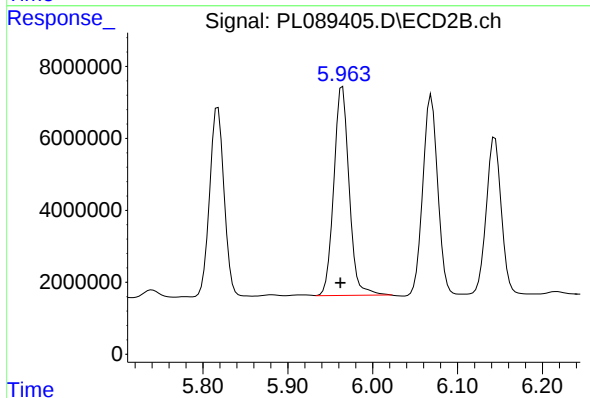
#15 Endosulfan II

R.T.: 6.805 min
Delta R.T.: 0.004 min
Response: 93790458
Conc: 46.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2MS

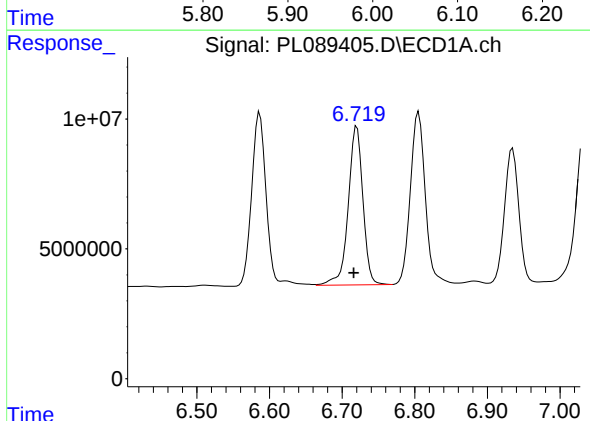
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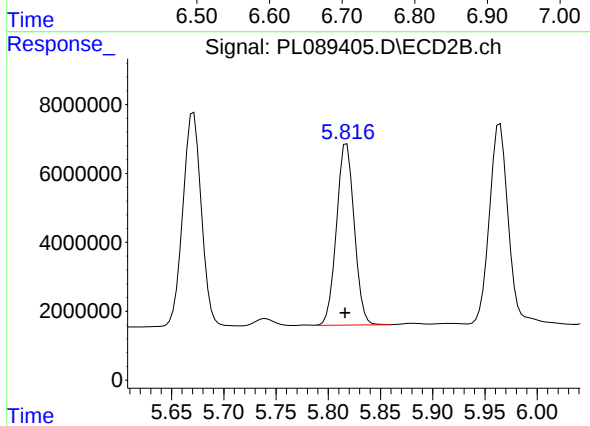
#15 Endosulfan II

R.T.: 5.964 min
Delta R.T.: 0.002 min
Response: 72931833
Conc: 50.71 ng/ml



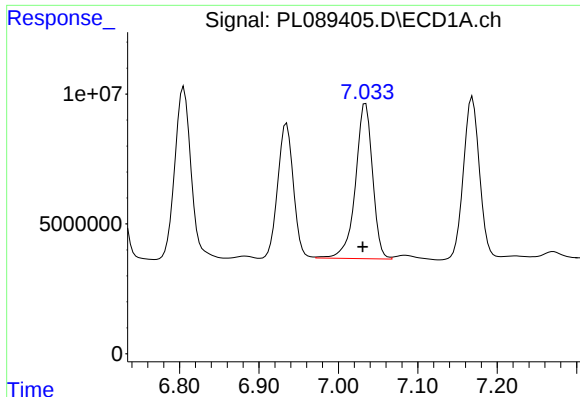
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: 0.004 min
Response: 85883098
Conc: 50.91 ng/ml



#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: 0.002 min
Response: 62304269
Conc: 50.52 ng/ml



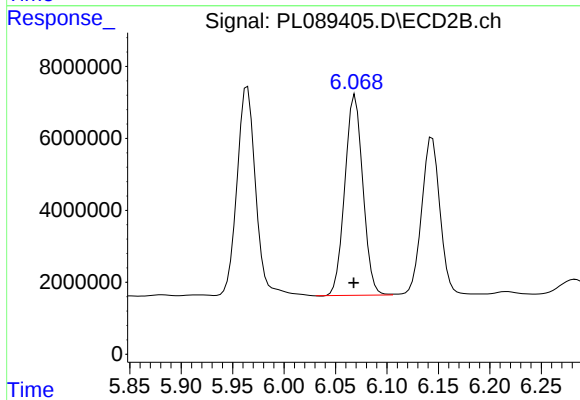
#17 4,4'-DDT

R.T.: 7.034 min
Delta R.T.: 0.004 min
Response: 89133298
Conc: 48.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2MS

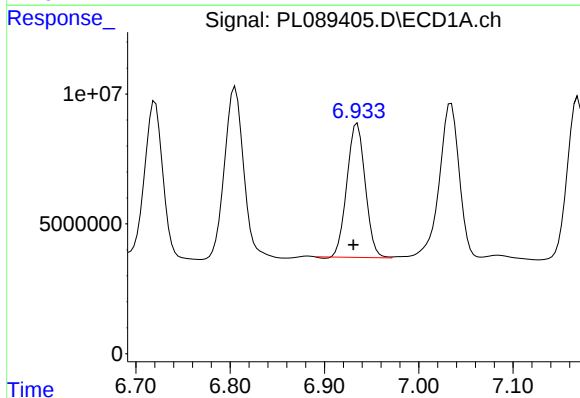
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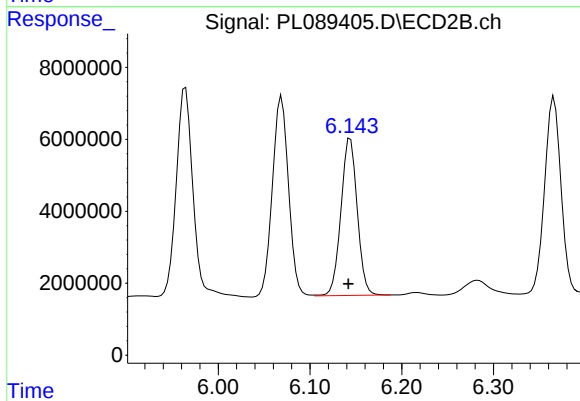
#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: 0.001 min
Response: 68024804
Conc: 50.28 ng/ml



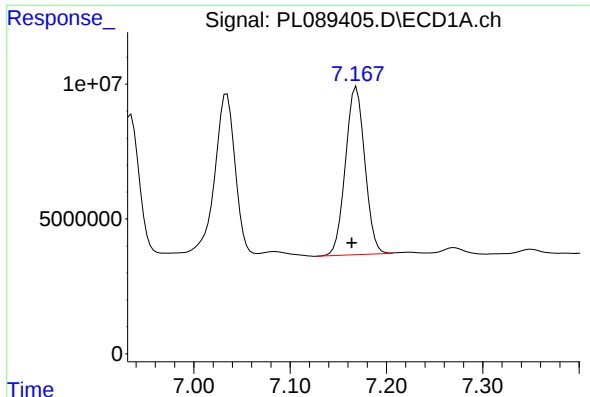
#18 Endrin aldehyde

R.T.: 6.935 min
Delta R.T.: 0.004 min
Response: 69572994
Conc: 46.01 ng/ml



#18 Endrin aldehyde

R.T.: 6.144 min
Delta R.T.: 0.002 min
Response: 53829981
Conc: 48.39 ng/ml



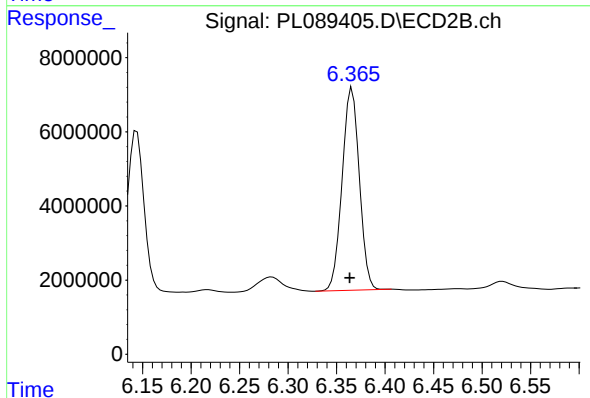
#19 Endosulfan Sulfate

R.T.: 7.169 min
Delta R.T.: 0.005 min
Response: 86819567
Conc: 48.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2MS

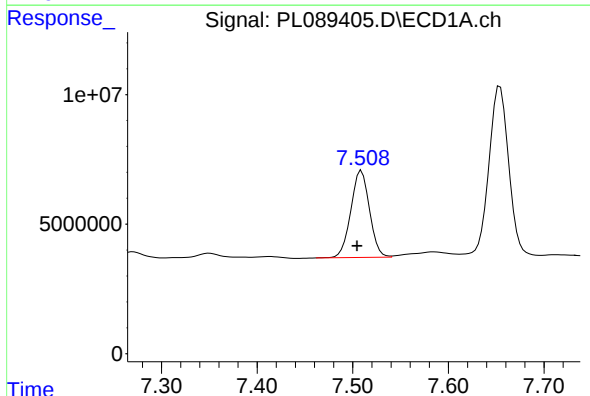
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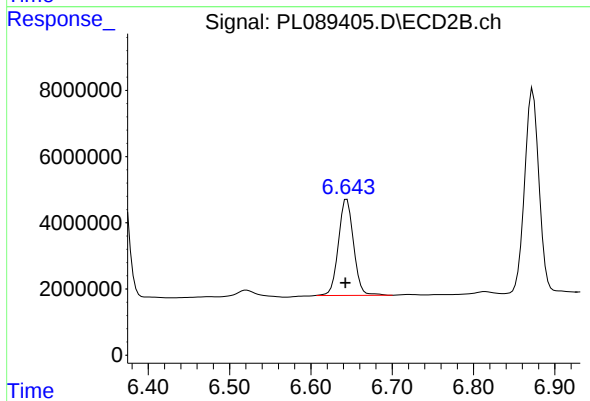
#19 Endosulfan Sulfate

R.T.: 6.366 min
Delta R.T.: 0.002 min
Response: 67359419
Conc: 48.56 ng/ml



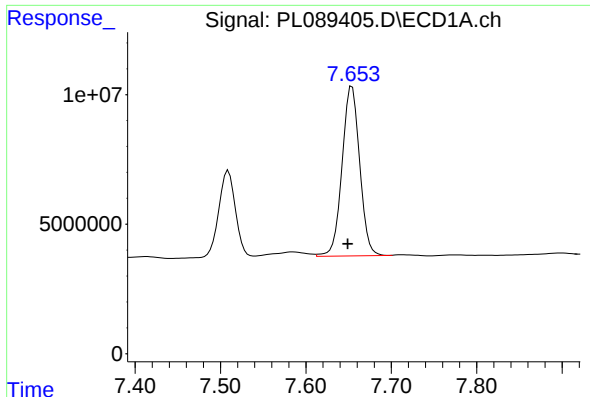
#20 Methoxychlor

R.T.: 7.509 min
Delta R.T.: 0.005 min
Response: 45513991
Conc: 46.28 ng/ml



#20 Methoxychlor

R.T.: 6.644 min
Delta R.T.: 0.002 min
Response: 37656386
Conc: 47.09 ng/ml



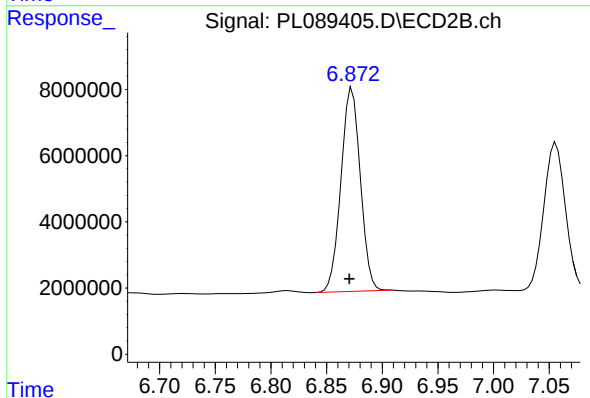
#21 Endrin ketone

R.T.: 7.654 min
Delta R.T.: 0.005 min
Response: 93812750
Conc: 46.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2MS

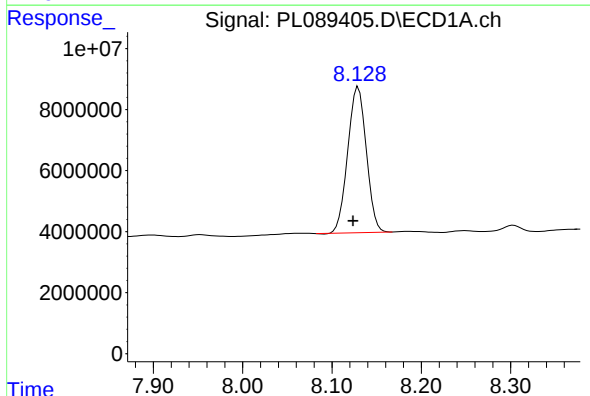
Manual Integrations
APPROVED

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



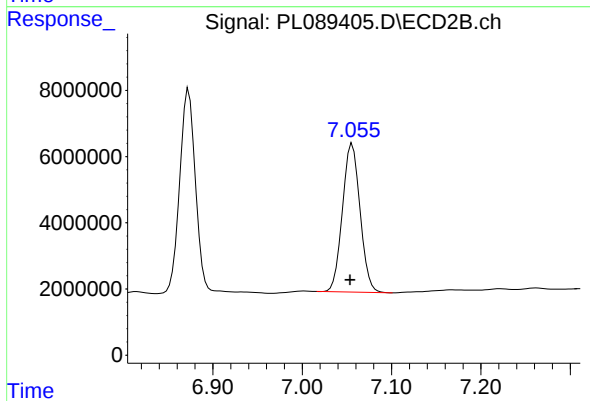
#21 Endrin ketone

R.T.: 6.873 min
Delta R.T.: 0.002 min
Response: 74624427
Conc: 46.67 ng/ml



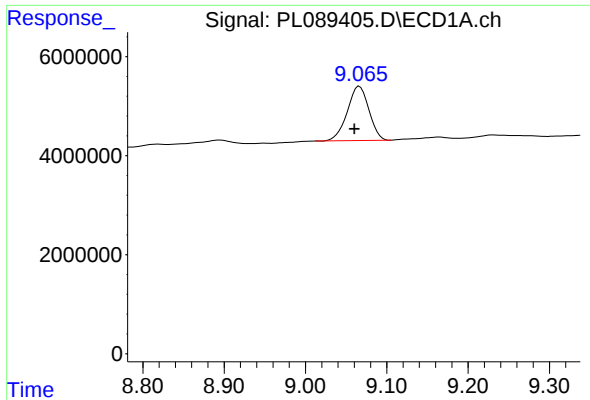
#22 Mirex

R.T.: 8.130 min
Delta R.T.: 0.006 min
Response: 69038563
Conc: 44.42 ng/ml



#22 Mirex

R.T.: 7.056 min
Delta R.T.: 0.002 min
Response: 61447851
Conc: 45.04 ng/ml



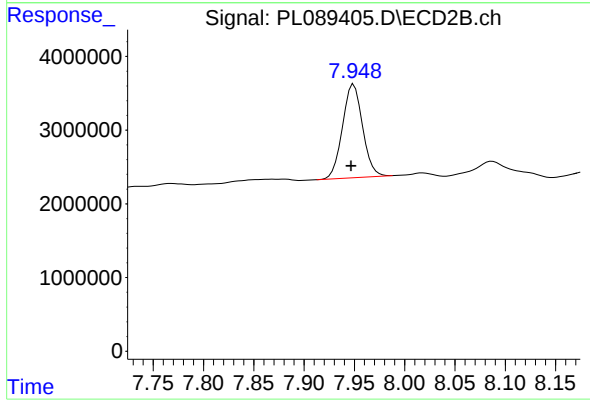
#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.006 min
Response: 20177869
Conc: 14.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOP-SOIL-2MS

Manual Integrations
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Supervised By :Ankita Jodhani 05/09/2024



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.003 min
Response: 17581080
Conc: 13.07 ng/ml