

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050924\
 Data File : PL089423.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 May 2024 15:18
 Operator : AR\AJ
 Sample : P2403-01
 Misc : PEST LOD 2.5PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/10/2024
 Supervised By :Ankita Jodhani 05/13/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 00:53:06 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	2.796	41480607	26630372	20.599	20.756
28)	SA Decachlor...	9.067	7.949	27794988	26873094	19.868	19.977
Target Compounds							
2)	A alpha-BHC	4.005	3.299	8483682	4516864	2.975	2.394m
3)	MA gamma-BHC...	4.337	3.631	8825839	4308740	3.170m	2.335 #
4)	MA Heptachlor	4.927	3.974	8032521	4063331	3.239m	2.319 #
5)	MB Aldrin	5.269	4.254	7811388	4100641	3.042m	2.320
6)	B beta-BHC	4.532	3.929	3882567	2201738	3.078m	2.697
7)	B delta-BHC	4.779	4.160	7861647	3933903	2.964m	2.186 #
8)	B Heptachlo...	5.695	4.758	7580877	4224416	3.232m	2.613
9)	A Endosulfan I	6.080	5.128	6857726	3927705	3.190m	2.623
10)	B gamma-Chl...	5.950	5.009	7565685	4444473	3.310m	2.708
11)	B alpha-Chl...	6.029	5.072	7327901	4399212	3.221m	2.667
12)	B 4,4'-DDE	6.202	5.261	6331809	3519113	3.129m	2.420
13)	MA Dieldrin	6.354	5.393	7061431	4024791	3.155m	2.502
14)	MA Endrin	6.585	5.669	5483484	3514578	2.895	2.445
15)	B Endosulfa...	6.804	5.962	6370665	4190091	3.192	2.913
16)	A 4,4'-DDD	6.720	5.816	5623986	3609281	3.334	2.927
17)	MA 4,4'-DDT	7.033	6.067	5724379	2722850	3.113	2.012 #
18)	B Endrin al...	6.932	6.142	4891879	3172196	3.235m	2.852
19)	B Endosulfa...	7.169	6.364	5738501	3976937	3.172	2.867
20)	A Methoxychlor	7.508	6.643	2696765	1714840	2.742	2.145
21)	B Endrin ke...	7.653	6.871	6395130	4123833	3.195	2.579
22)	Mirex	8.128	7.055	4589836	4009711	2.953	2.939

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050924\
Data File : PL089423.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 May 2024 15:18
Operator : AR\AJ
Sample : P2403-01
Misc : PEST LOD 2.5PPB
ALS Vial : 8 Sample Multiplier: 1

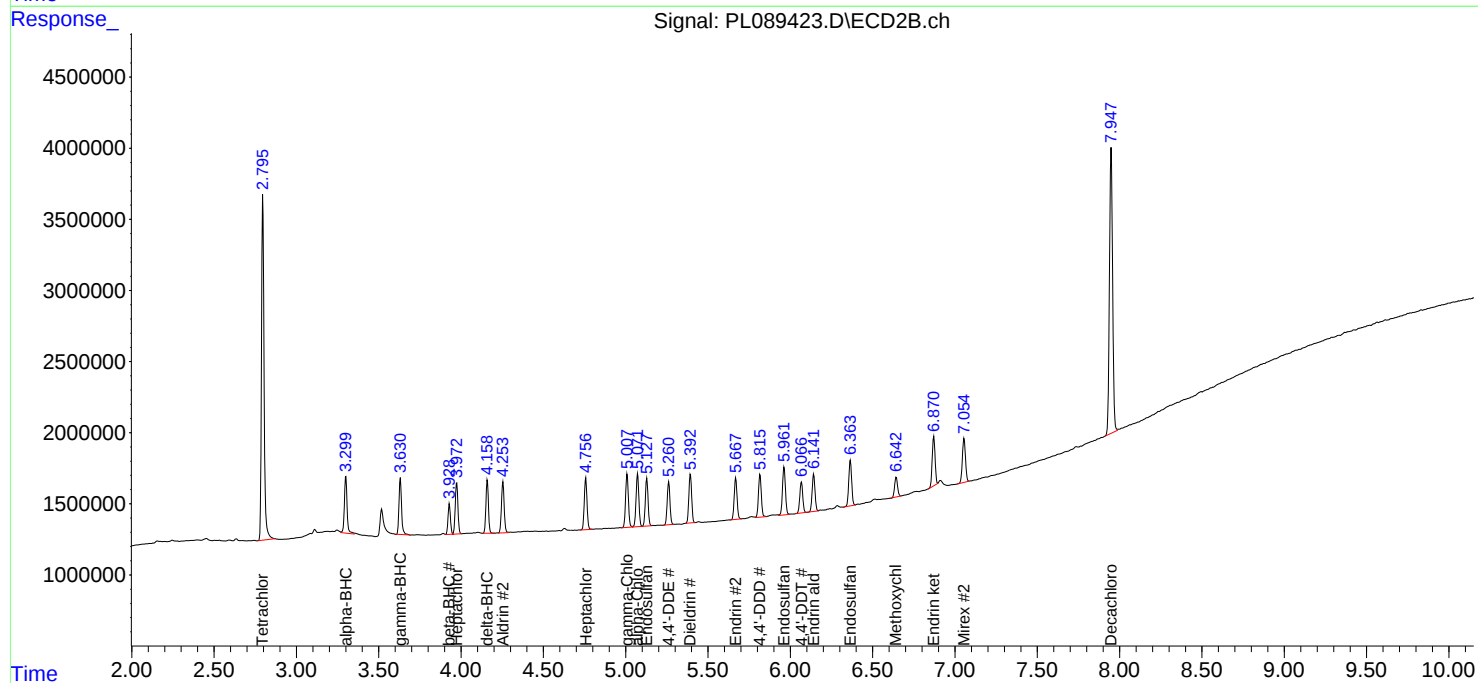
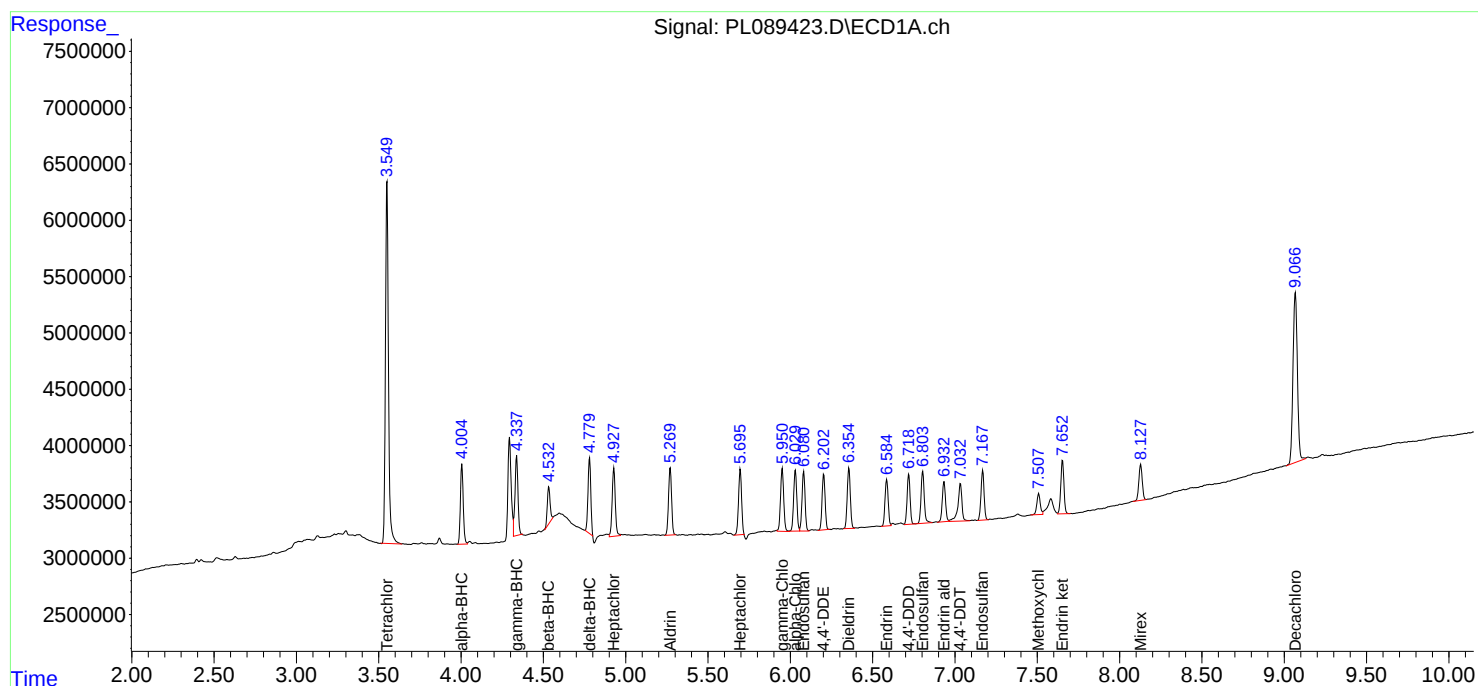
Instrument :
ECD_L
ClientSampleId :
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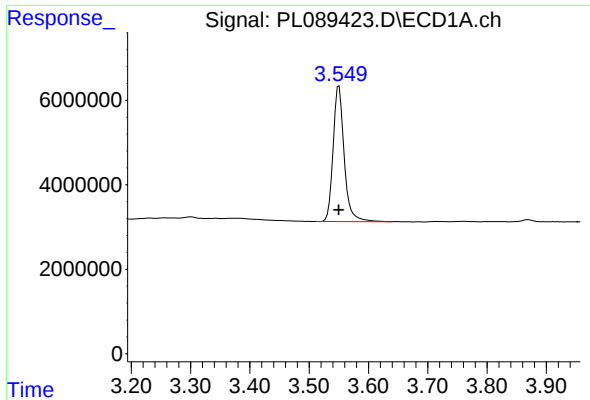
Manual Integrations
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Reviewed By : Abdul Mirza 05/10/2024
Supervised By : Ankita Jodhani 05/13/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 10 00:53:06 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





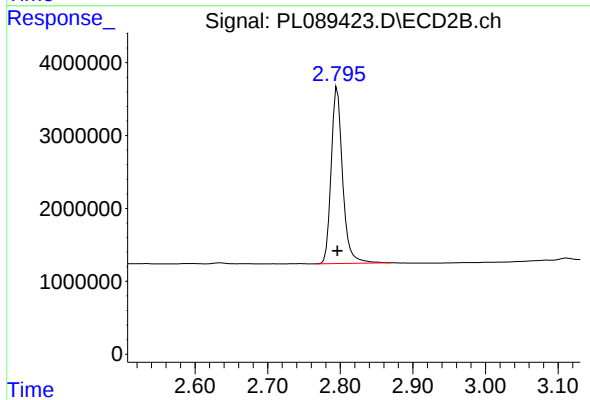
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 41480607
Conc: 20.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

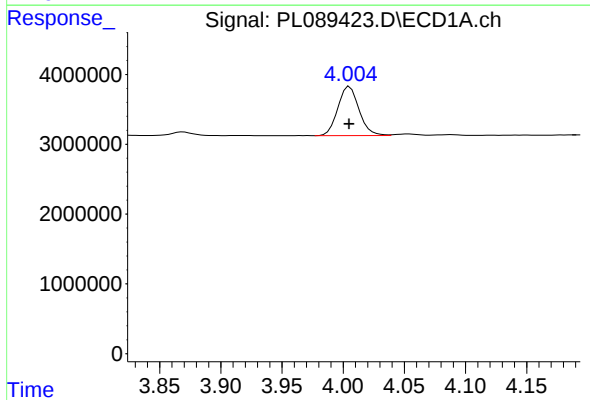
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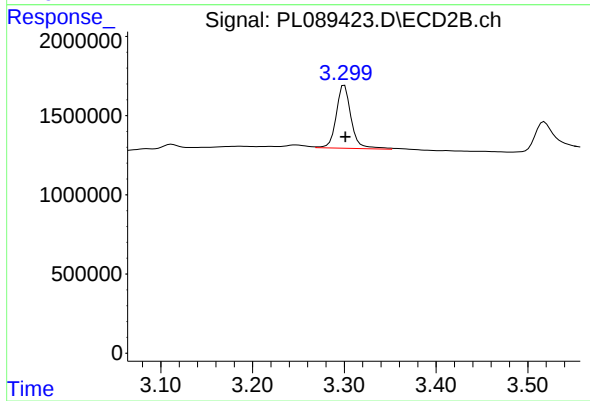
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: 0.000 min
Response: 26630372
Conc: 20.76 ng/ml



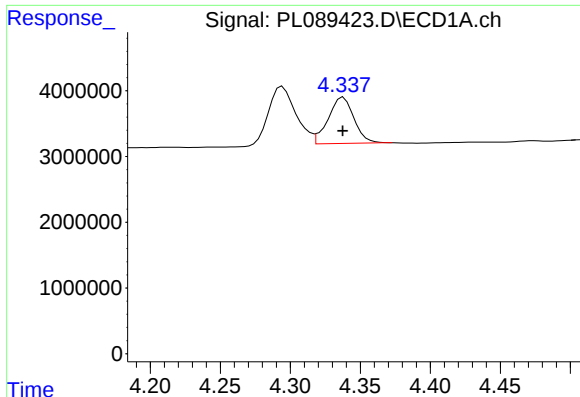
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.000 min
Response: 8483682
Conc: 2.97 ng/ml



#2 alpha-BHC

R.T.: 3.299 min
Delta R.T.: -0.002 min
Response: 4516864
Conc: 2.39 ng/ml m



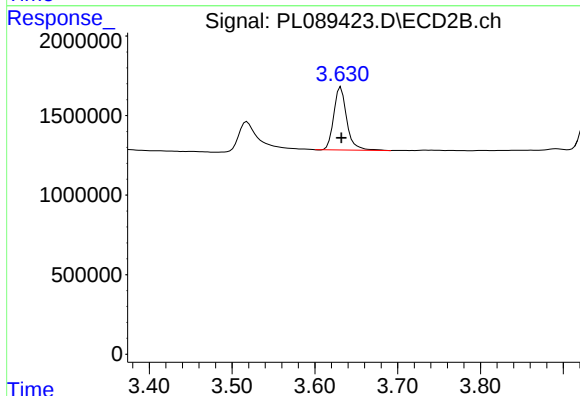
#3 gamma-BHC (Lindane)

R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 8825839
Conc: 3.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
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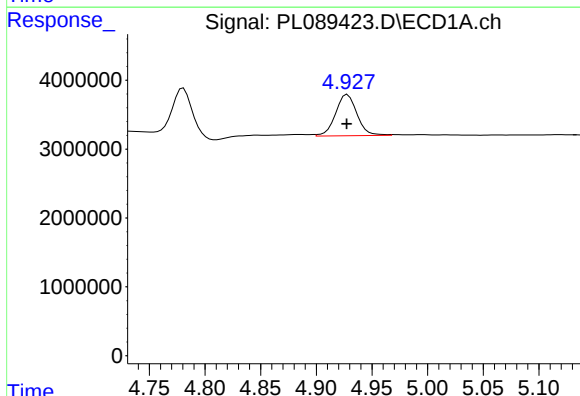
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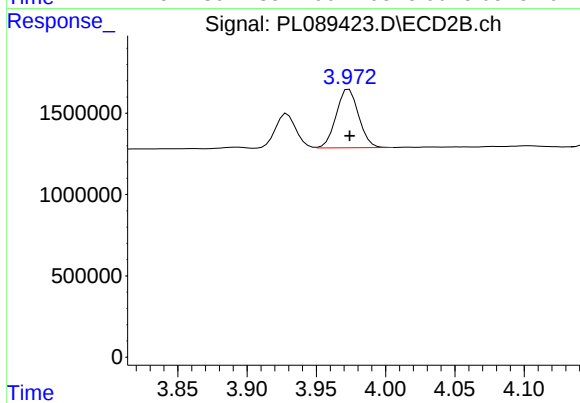
#3 gamma-BHC (Lindane)

R.T.: 3.631 min
Delta R.T.: 0.000 min
Response: 4308740
Conc: 2.34 ng/ml



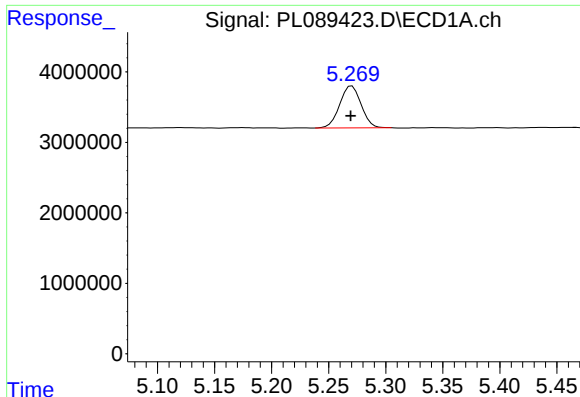
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 8032521
Conc: 3.24 ng/ml m



#4 Heptachlor

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 4063331
Conc: 2.32 ng/ml



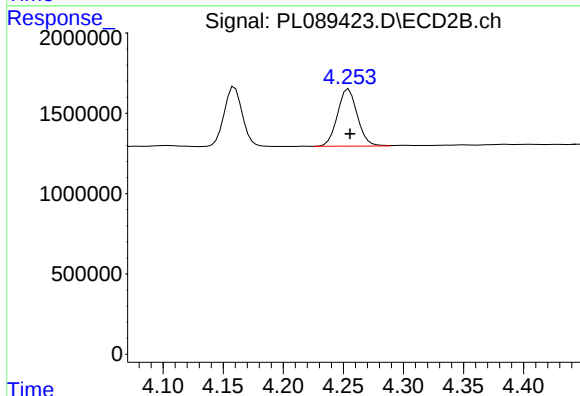
#5 Aldrin

R.T.: 5.269 min
Delta R.T.: 0.000 min
Response: 7811388
Conc: 3.04 ng/ml

Instrument :
ECD_L
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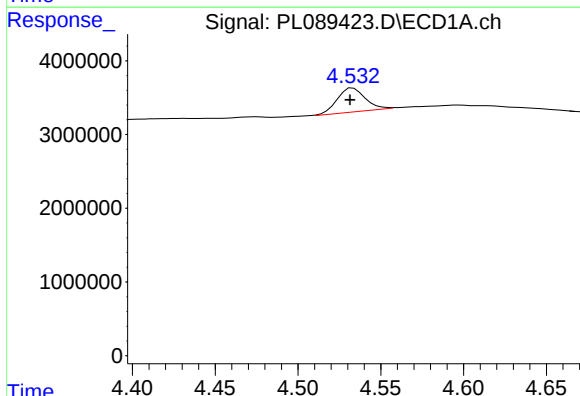
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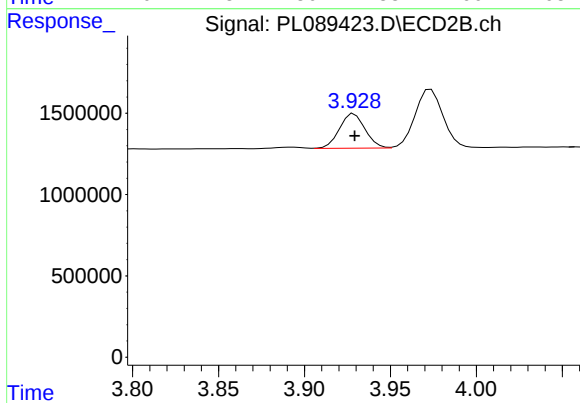
#5 Aldrin

R.T.: 4.254 min
Delta R.T.: -0.001 min
Response: 4100641
Conc: 2.32 ng/ml



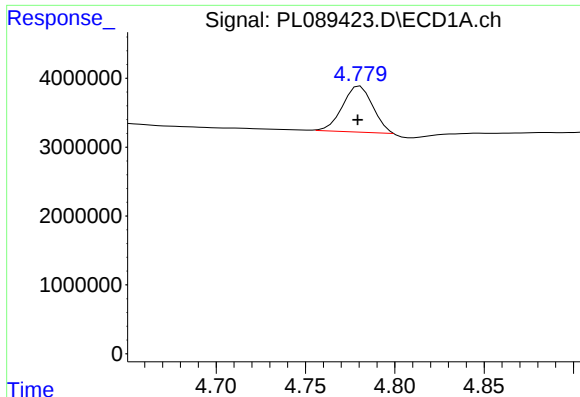
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 3882567
Conc: 3.08 ng/ml m



#6 beta-BHC

R.T.: 3.929 min
Delta R.T.: 0.000 min
Response: 2201738
Conc: 2.70 ng/ml



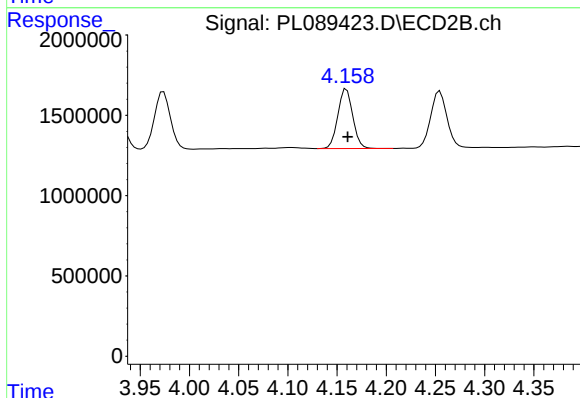
#7 delta-BHC

R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 7861647
Conc: 2.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

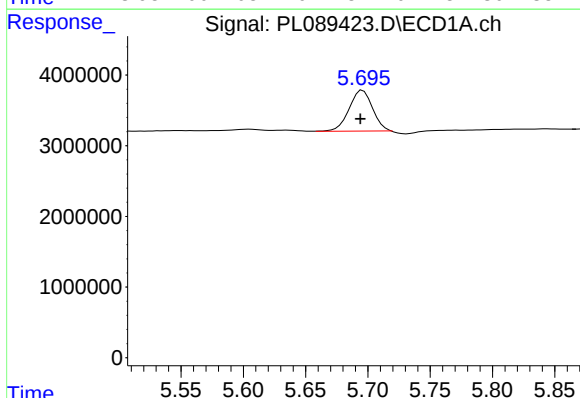
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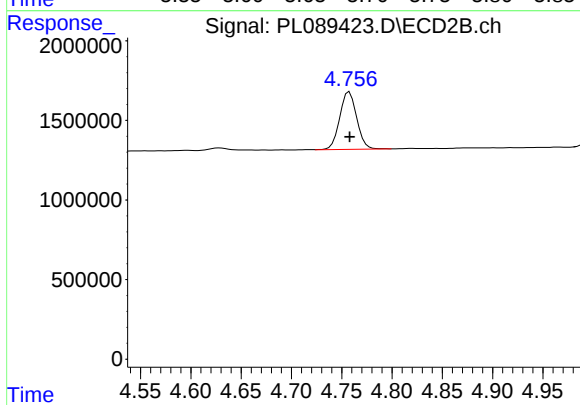
#7 delta-BHC

R.T.: 4.160 min
Delta R.T.: -0.001 min
Response: 3933903
Conc: 2.19 ng/ml



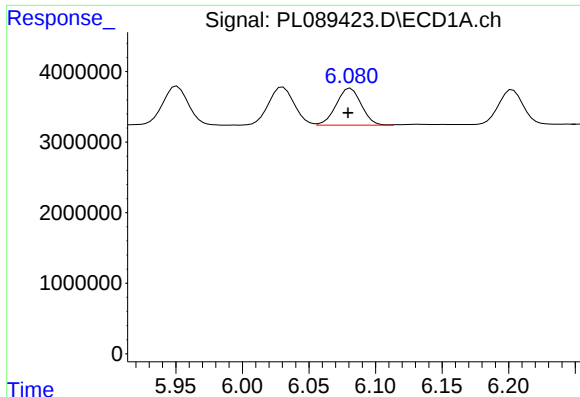
#8 Heptachlor epoxide

R.T.: 5.695 min
Delta R.T.: 0.000 min
Response: 7580877
Conc: 3.23 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.758 min
Delta R.T.: 0.000 min
Response: 4224416
Conc: 2.61 ng/ml



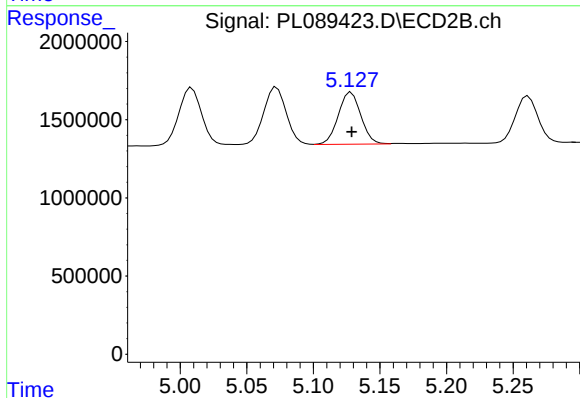
#9 Endosulfan I

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 6857726
Conc: 3.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

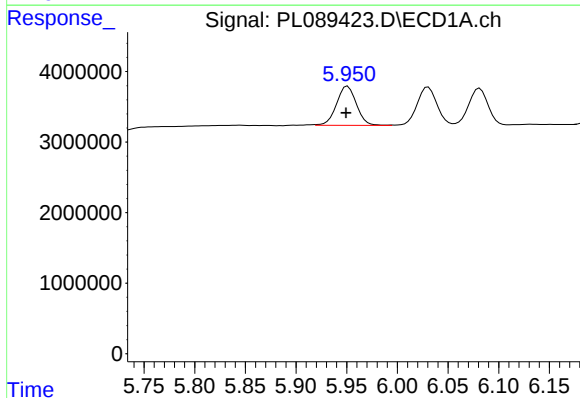
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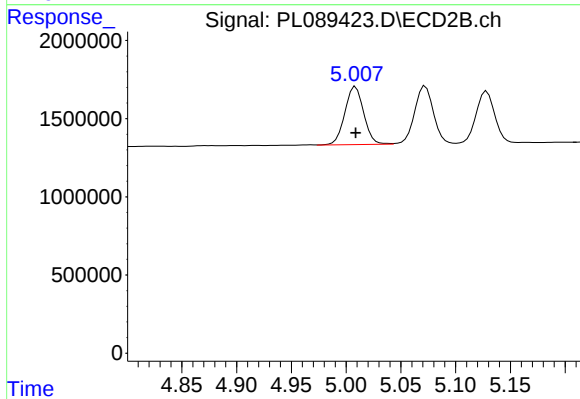
#9 Endosulfan I

R.T.: 5.128 min
Delta R.T.: 0.000 min
Response: 3927705
Conc: 2.62 ng/ml



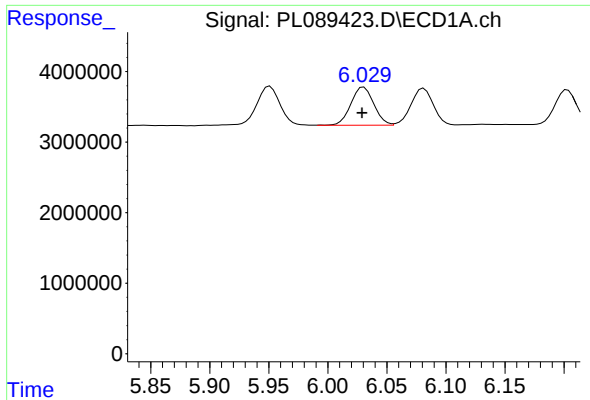
#10 gamma-Chlordane

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 7565685
Conc: 3.31 ng/ml m



#10 gamma-Chlordane

R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 4444473
Conc: 2.71 ng/ml



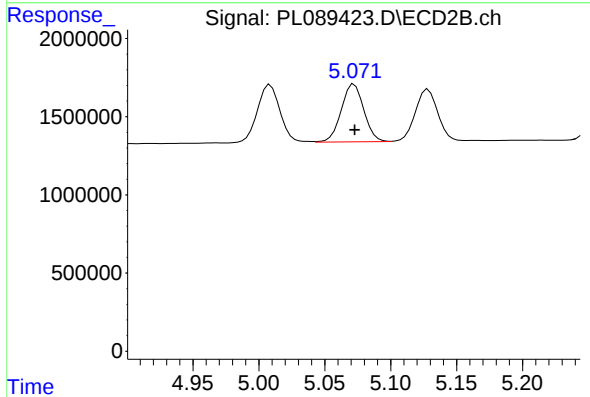
#11 alpha-Chlordane

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 7327901
Conc: 3.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

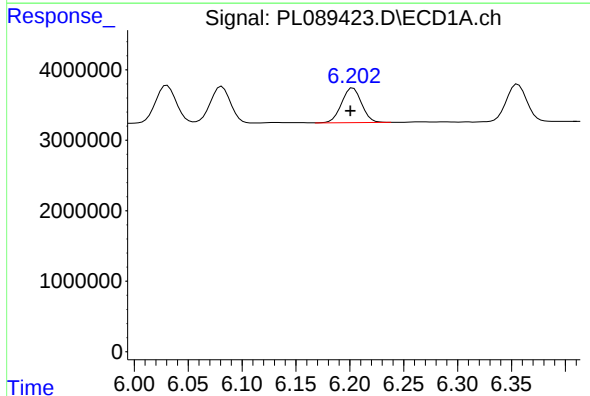
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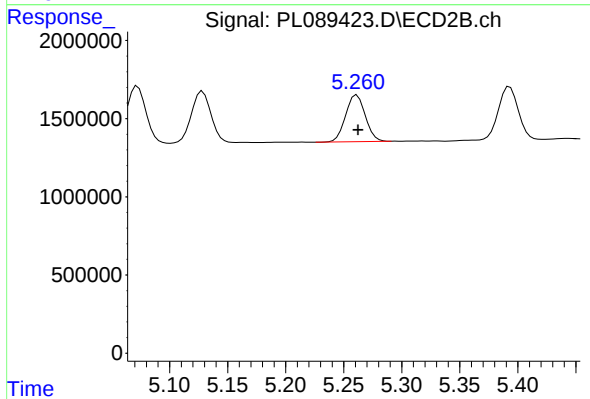
#11 alpha-Chlordane

R.T.: 5.072 min
Delta R.T.: 0.000 min
Response: 4399212
Conc: 2.67 ng/ml



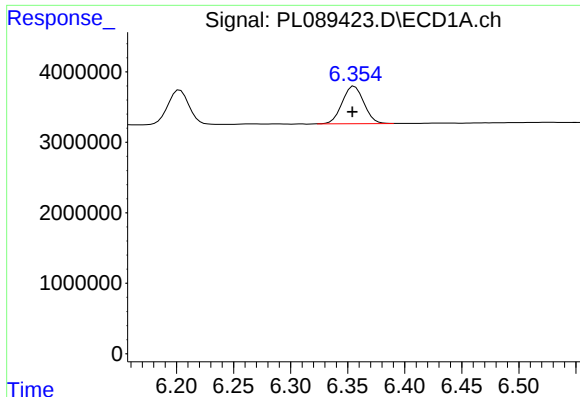
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.001 min
Response: 6331809
Conc: 3.13 ng/ml m



#12 4,4'-DDE

R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 3519113
Conc: 2.42 ng/ml



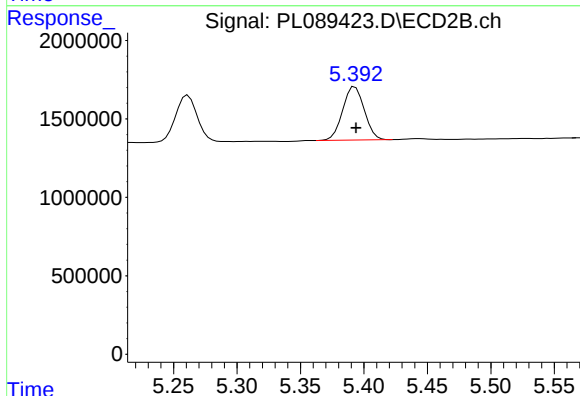
#13 Dieldrin

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 7061431
Conc: 3.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
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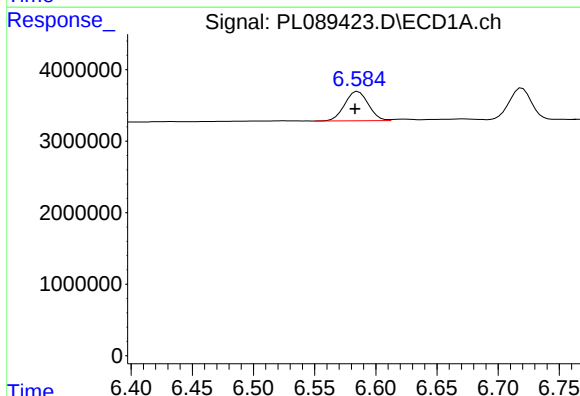
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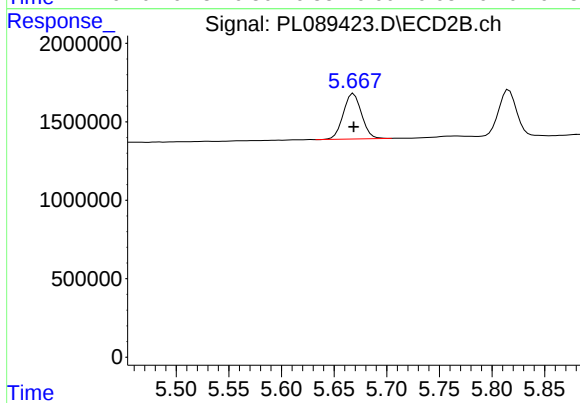
#13 Dieldrin

R.T.: 5.393 min
Delta R.T.: 0.000 min
Response: 4024791
Conc: 2.50 ng/ml



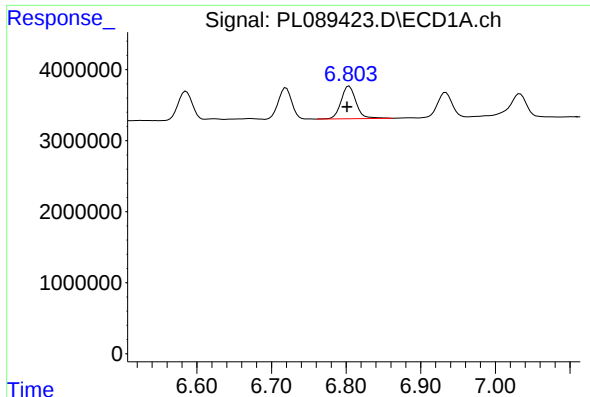
#14 Endrin

R.T.: 6.585 min
Delta R.T.: 0.002 min
Response: 5483484
Conc: 2.89 ng/ml



#14 Endrin

R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 3514578
Conc: 2.44 ng/ml



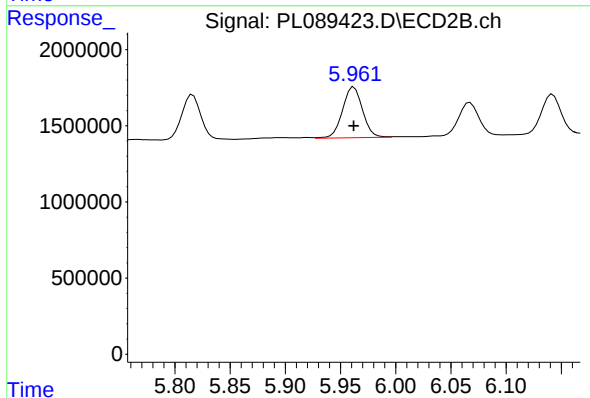
#15 Endosulfan II

R.T.: 6.804 min
Delta R.T.: 0.003 min
Response: 6370665
Conc: 3.19 ng/ml

Instrument :
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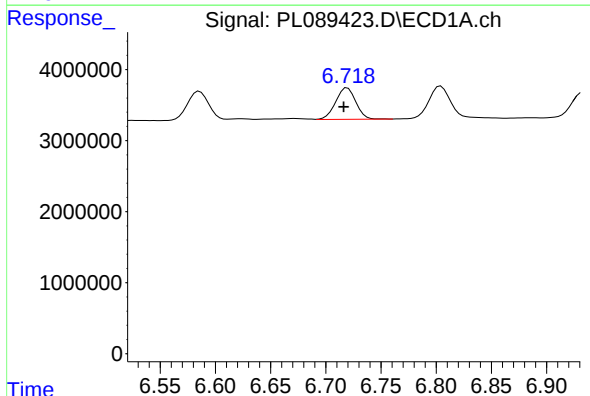
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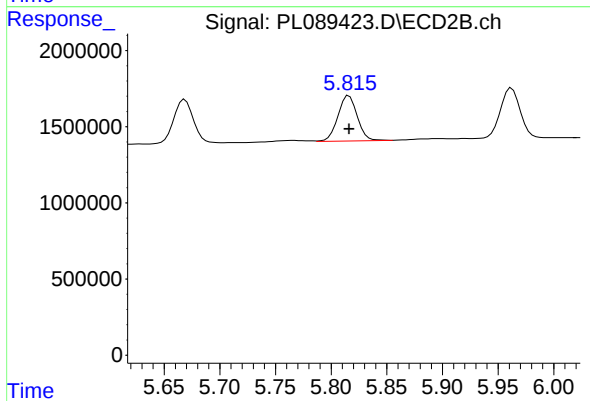
#15 Endosulfan II

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 4190091
Conc: 2.91 ng/ml



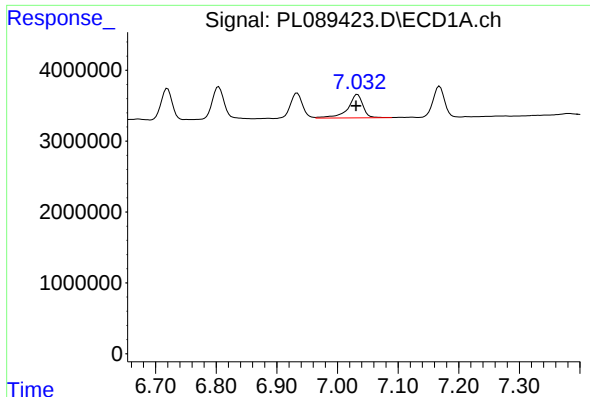
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: 0.003 min
Response: 5623986
Conc: 3.33 ng/ml



#16 4,4'-DDD

R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 3609281
Conc: 2.93 ng/ml



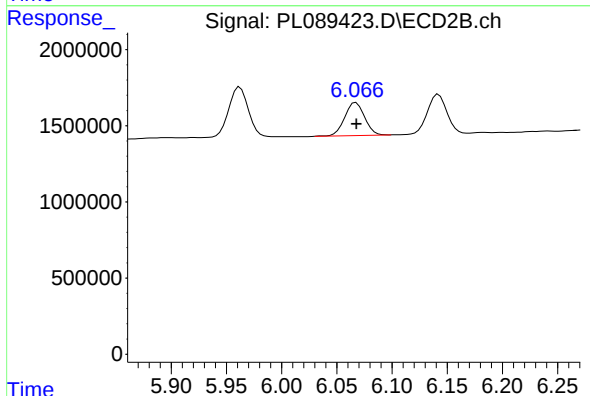
#17 4,4'-DDT

R.T.: 7.033 min
Delta R.T.: 0.003 min
Response: 5724379
Conc: 3.11 ng/ml

Instrument :
ECD_L
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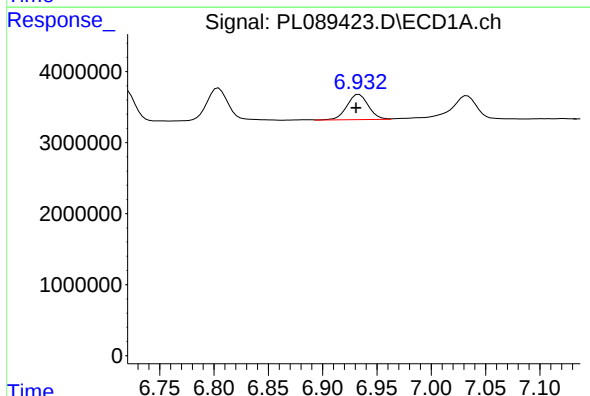
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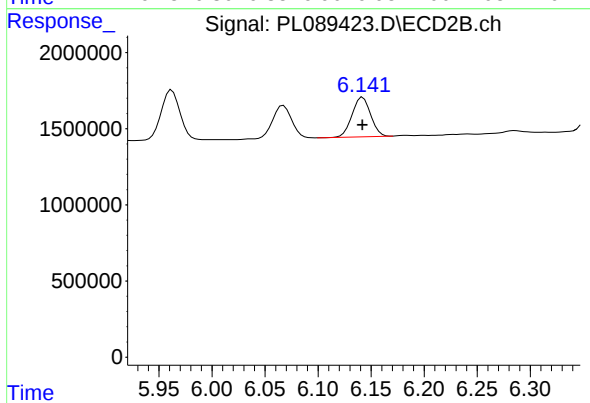
#17 4,4'-DDT

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 2722850
Conc: 2.01 ng/ml



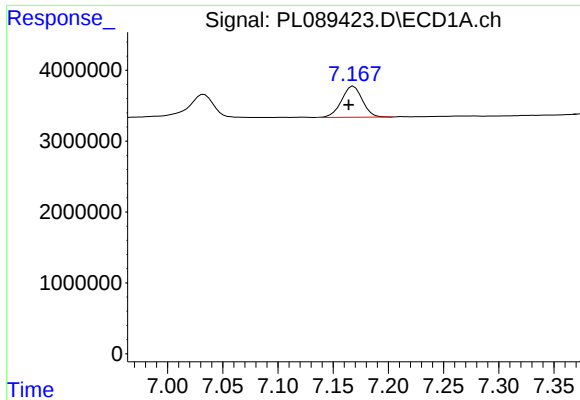
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: 0.001 min
Response: 4891879
Conc: 3.23 ng/ml m



#18 Endrin aldehyde

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 3172196
Conc: 2.85 ng/ml



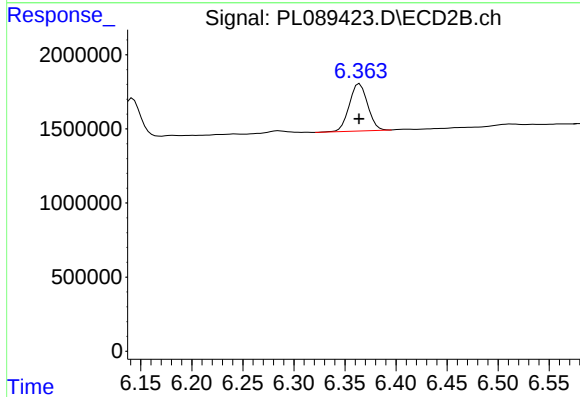
#19 Endosulfan Sulfate

R.T.: 7.169 min
Delta R.T.: 0.004 min
Response: 5738501
Conc: 3.17 ng/ml

Instrument :
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ClientSampleId :
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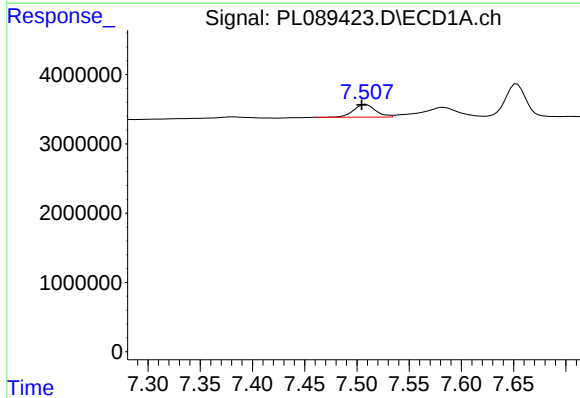
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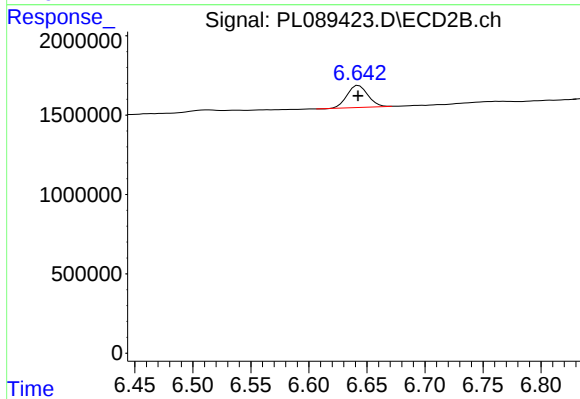
#19 Endosulfan Sulfate

R.T.: 6.364 min
Delta R.T.: 0.000 min
Response: 3976937
Conc: 2.87 ng/ml



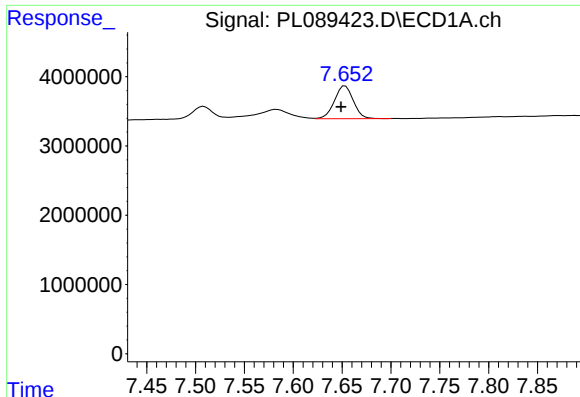
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.004 min
Response: 2696765
Conc: 2.74 ng/ml



#20 Methoxychlor

R.T.: 6.643 min
Delta R.T.: 0.000 min
Response: 1714840
Conc: 2.14 ng/ml



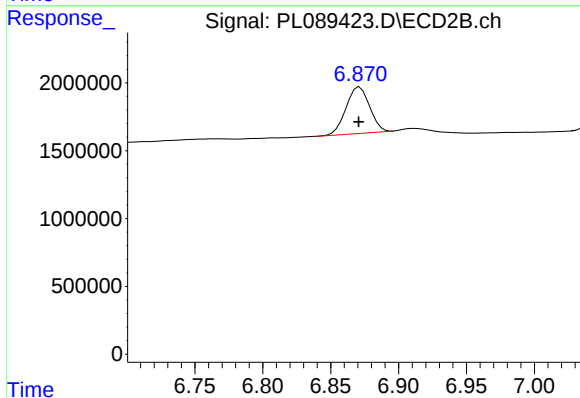
#21 Endrin ketone

R.T.: 7.653 min
Delta R.T.: 0.004 min
Response: 6395130
Conc: 3.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

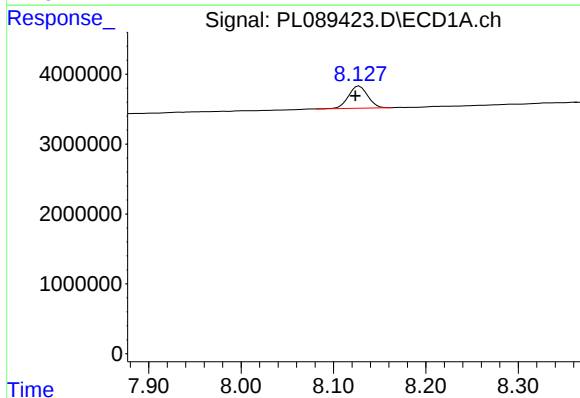
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/10/2024
Supervised By :Ankita Jodhani 05/13/2024



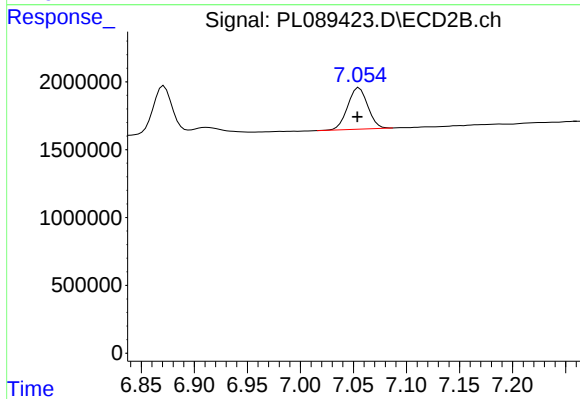
#21 Endrin ketone

R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 4123833
Conc: 2.58 ng/ml



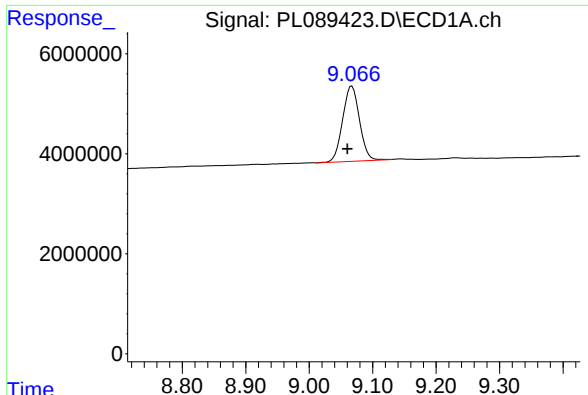
#22 Mirex

R.T.: 8.128 min
Delta R.T.: 0.004 min
Response: 4589836
Conc: 2.95 ng/ml



#22 Mirex

R.T.: 7.055 min
Delta R.T.: 0.002 min
Response: 4009711
Conc: 2.94 ng/ml



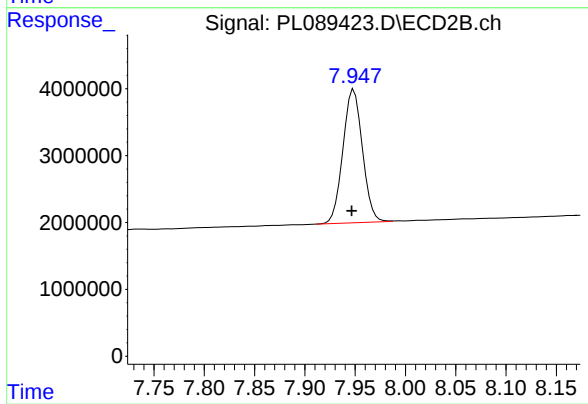
#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.007 min
Response: 27794988
Conc: 19.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/10/2024
Supervised By :Ankita Jodhani 05/13/2024



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.002 min
Response: 26873094
Conc: 19.98 ng/ml