

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL043024\
 Data File : PL089272.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Apr 2024 09:16
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/01/2024
 Supervised By :mohammad ahmed 05/02/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 30 14:33:40 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	2.798	104.9E6	70523772	52.083	54.966
28)	SA Decachlor...	9.065	7.949	70265147	68939896	50.225	51.249
Target Compounds							
2)	A alpha-BHC	4.007	3.303	151.9E6	107.6E6	53.276	57.048
3)	MA gamma-BHC...	4.339	3.634	147.1E6	104.3E6	52.848	56.533
4)	MA Heptachlor	4.929	3.976	127.2E6	95903491	51.297	54.730
5)	MB Aldrin	5.270	4.257	132.2E6	102.0E6	51.473m	57.684
6)	B beta-BHC	4.532	3.931	64703388	44475750	51.289m	54.474
7)	B delta-BHC	4.782	4.161	139.8E6	101.5E6	52.701	56.416m
8)	B Heptachlo...	5.697	4.760	138.4E6	89078808	59.024	55.097
9)	A Endosulfan I	6.082	5.130	113.9E6	78734021	52.962	52.570
10)	B gamma-Chl...	5.950	5.010	117.4E6	90709558	51.353m	55.279
11)	B alpha-Chl...	6.030	5.075	115.9E6	90626221	50.931m	54.952
12)	B 4,4'-DDE	6.203	5.263	103.7E6	82010880	51.276	56.404
13)	MA Dieldrin	6.357	5.395	115.4E6	89284296	51.574	55.500
14)	MA Endrin	6.585	5.671	93947900	80405373	49.594m	55.927
15)	B Endosulfa...	6.803	5.964	99582590	77132109	49.896m	53.626
16)	A 4,4'-DDD	6.718	5.817	88971610	69486714	52.739m	56.345
17)	MA 4,4'-DDT	7.034	6.069	89743964	70426159	48.801	52.052
18)	B Endrin al...	6.934	6.143	79363446	60872144	52.479	54.726
19)	B Endosulfa...	7.168	6.366	92227492	74216787	50.986	53.502
20)	A Methoxychlor	7.508	6.644	48589842	39801493	49.410	49.778
21)	B Endrin ke...	7.653	6.872	103.3E6	87328139	51.609	54.614
22)	Mirex	8.127	7.056	79164667	70253313	50.939	51.497

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL043024\
Data File : PL089272.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Apr 2024 09:16
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

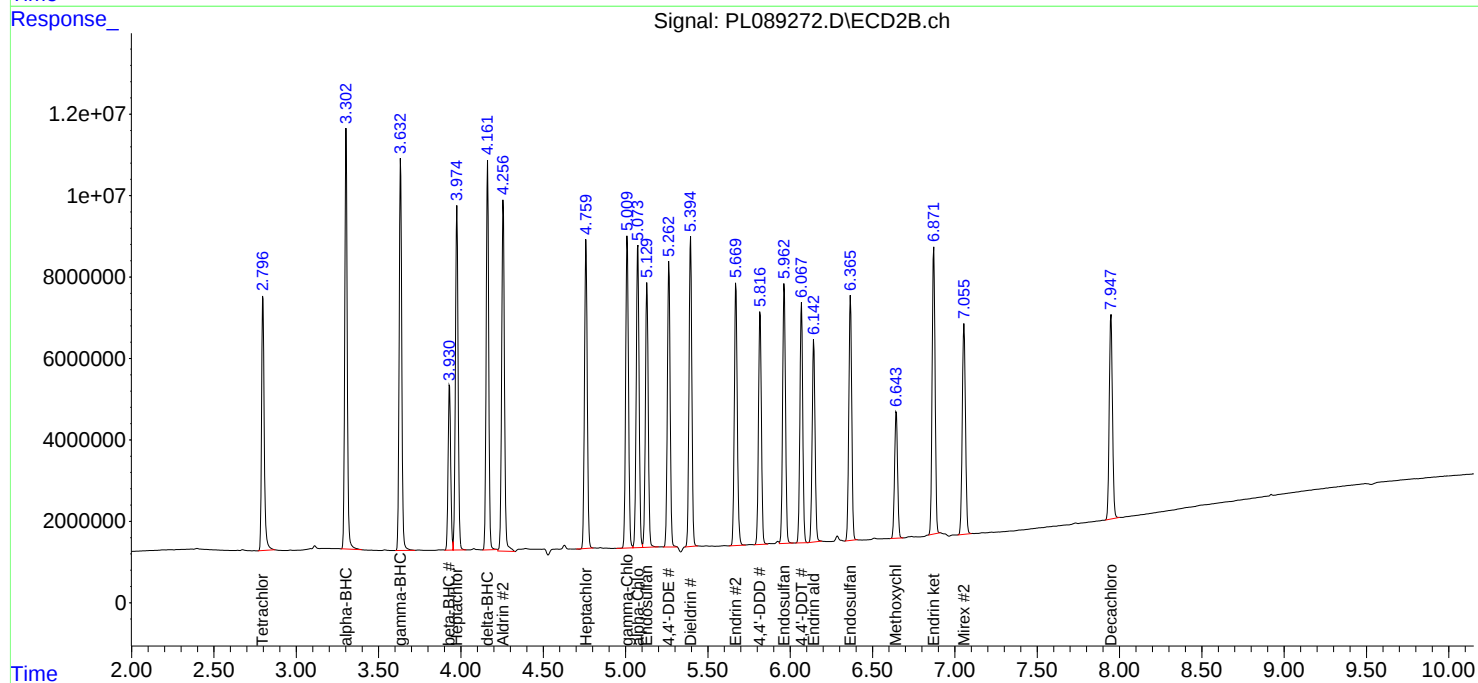
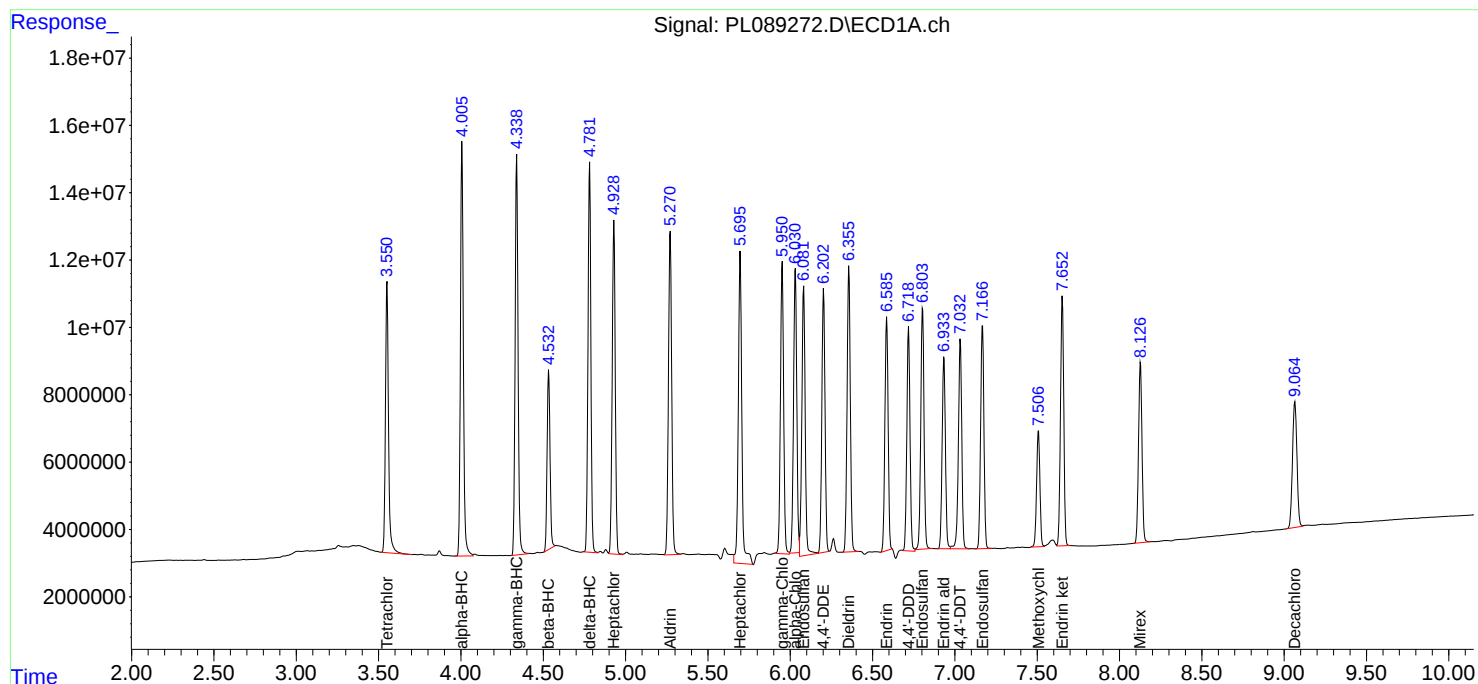
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

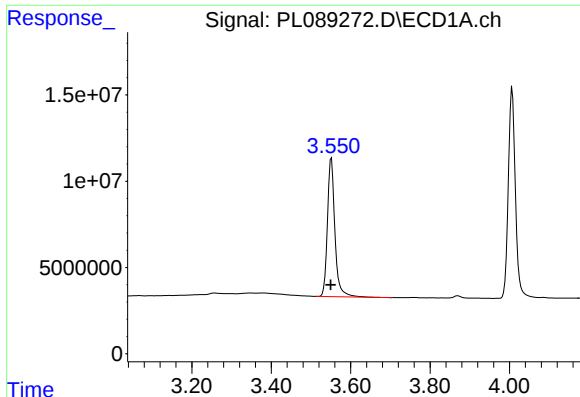
Manual Integrations
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Supervised By :mohammad ahmed 05/02/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 14:33:40 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





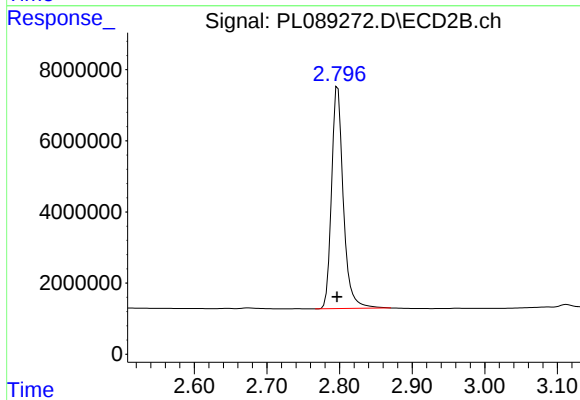
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.001 min
Response: 104878765
Conc: 52.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

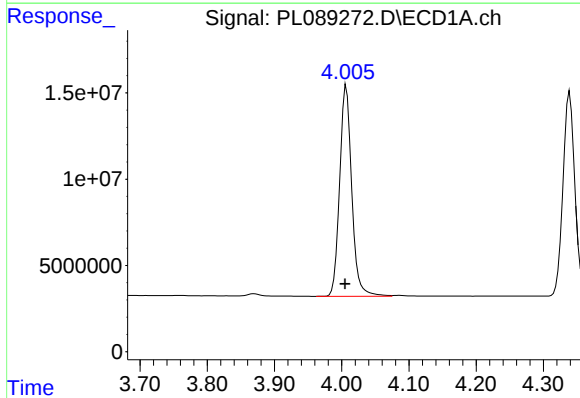
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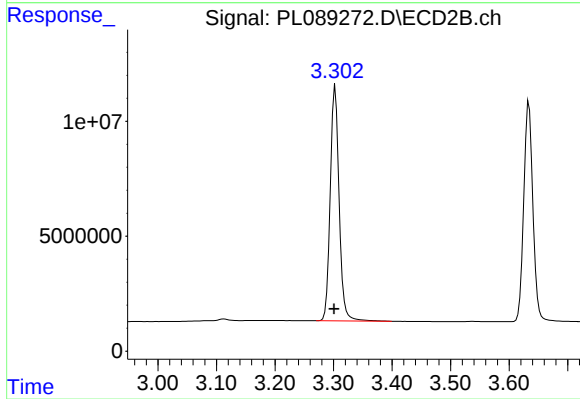
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.001 min
Response: 70523772
Conc: 54.97 ng/ml



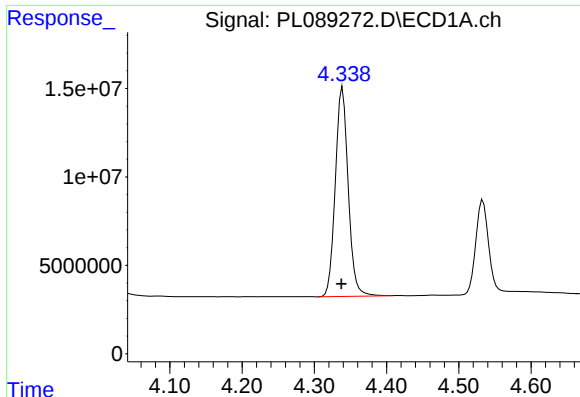
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.002 min
Response: 151931948
Conc: 53.28 ng/ml



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: 0.002 min
Response: 107644021
Conc: 57.05 ng/ml



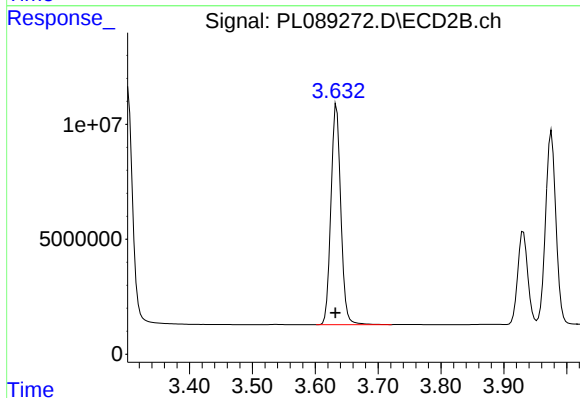
#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.002 min
Response: 147126245
Conc: 52.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

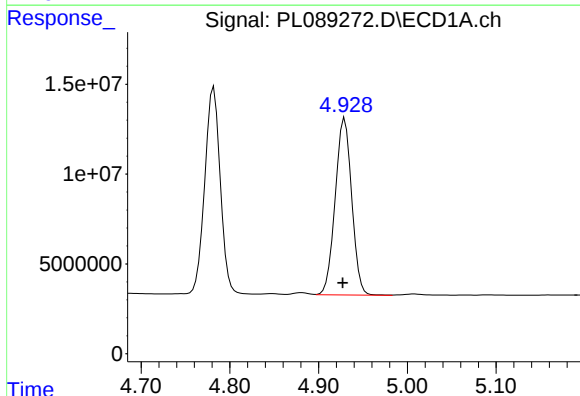
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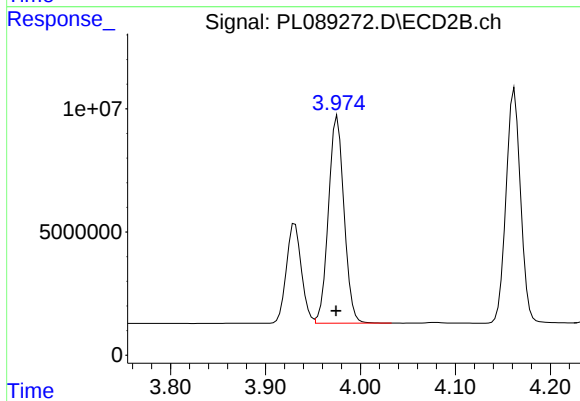
#3 gamma-BHC (Lindane)

R.T.: 3.634 min
Delta R.T.: 0.002 min
Response: 104317843
Conc: 56.53 ng/ml



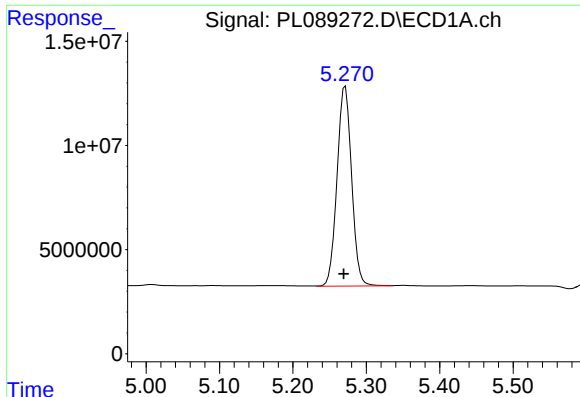
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.002 min
Response: 127222270
Conc: 51.30 ng/ml



#4 Heptachlor

R.T.: 3.976 min
Delta R.T.: 0.002 min
Response: 95903491
Conc: 54.73 ng/ml



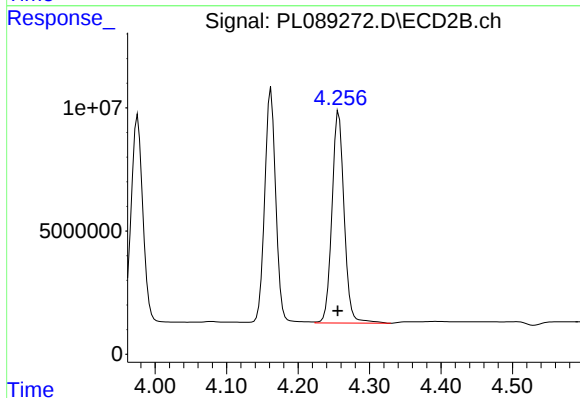
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 132195722
Conc: 51.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

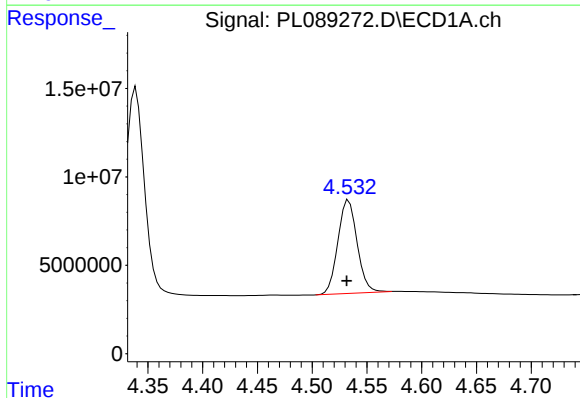
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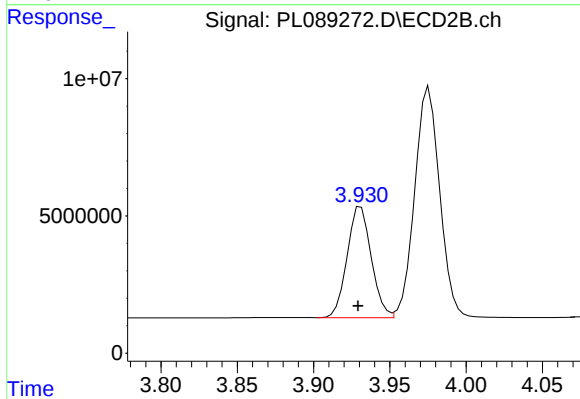
#5 Aldrin

R.T.: 4.257 min
Delta R.T.: 0.001 min
Response: 101975017
Conc: 57.68 ng/ml



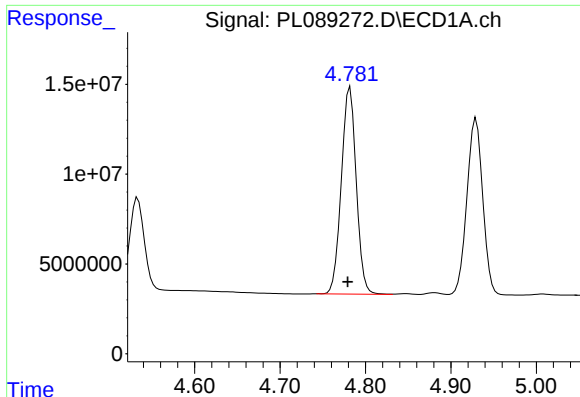
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 64703388
Conc: 51.29 ng/ml m



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: 0.002 min
Response: 44475750
Conc: 54.47 ng/ml



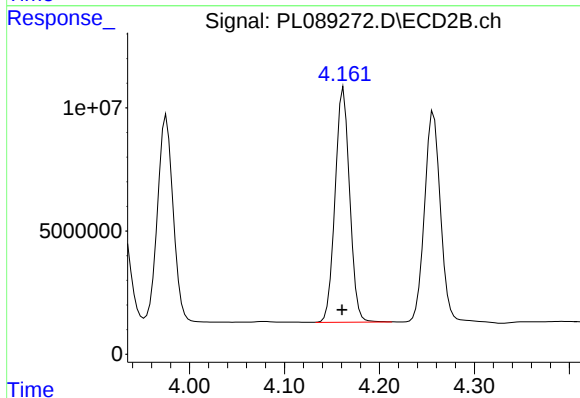
#7 delta-BHC

R.T.: 4.782 min
Delta R.T.: 0.003 min
Response: 139766607
Conc: 52.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

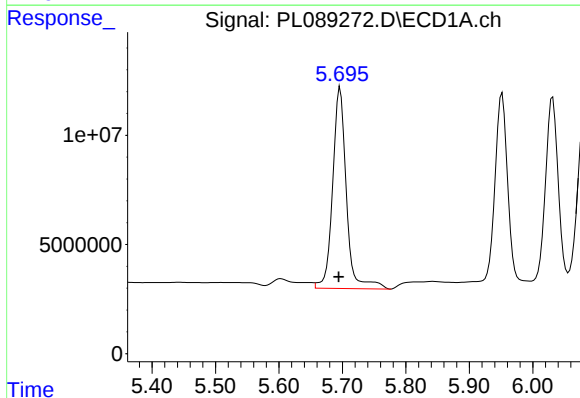
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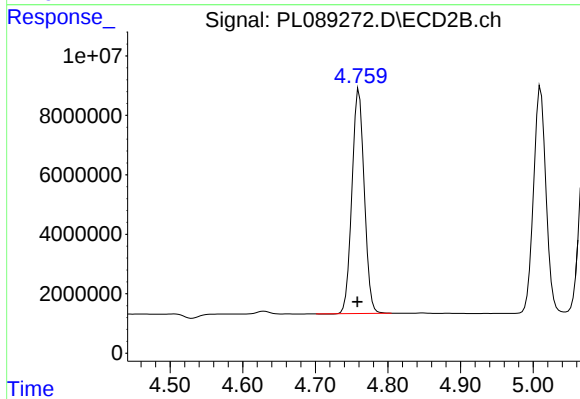
#7 delta-BHC

R.T.: 4.161 min
Delta R.T.: 0.000 min
Response: 101503225
Conc: 56.42 ng/ml m



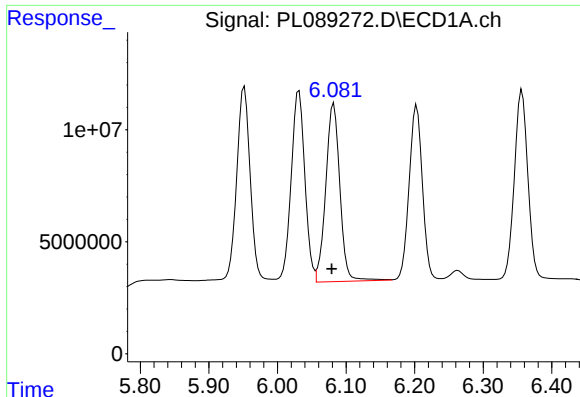
#8 Heptachlor epoxide

R.T.: 5.697 min
Delta R.T.: 0.002 min
Response: 138439441
Conc: 59.02 ng/ml



#8 Heptachlor epoxide

R.T.: 4.760 min
Delta R.T.: 0.002 min
Response: 89078808
Conc: 55.10 ng/ml



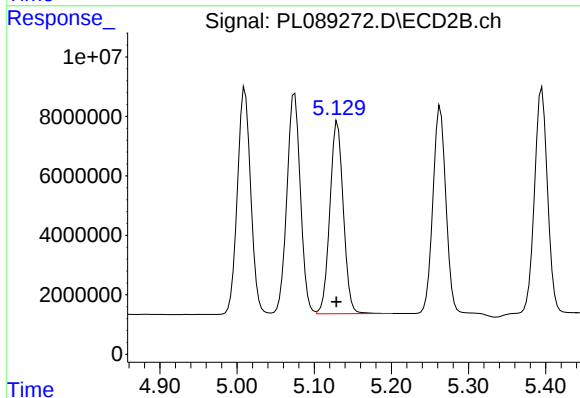
#9 Endosulfan I

R.T.: 6.082 min
Delta R.T.: 0.003 min
Response: 113857271
Conc: 52.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

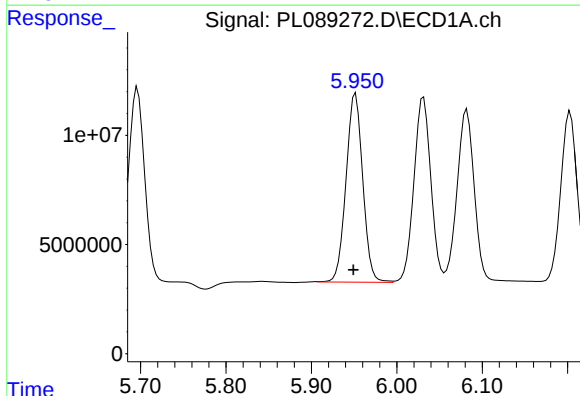
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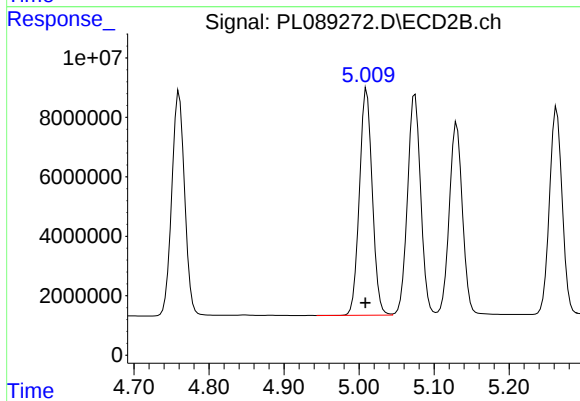
#9 Endosulfan I

R.T.: 5.130 min
Delta R.T.: 0.001 min
Response: 78734021
Conc: 52.57 ng/ml



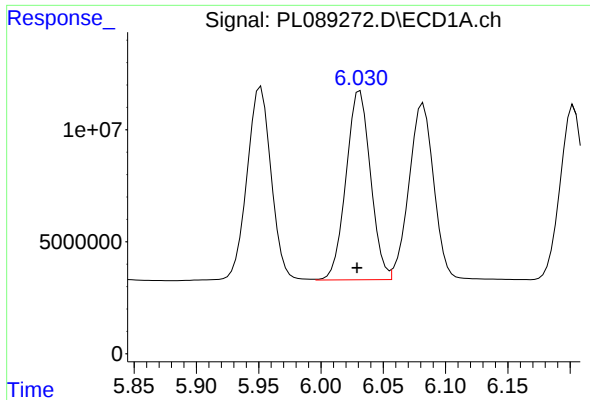
#10 gamma-Chlordane

R.T.: 5.950 min
Delta R.T.: 0.001 min
Response: 117387554
Conc: 51.35 ng/ml m



#10 gamma-Chlordane

R.T.: 5.010 min
Delta R.T.: 0.002 min
Response: 90709558
Conc: 55.28 ng/ml



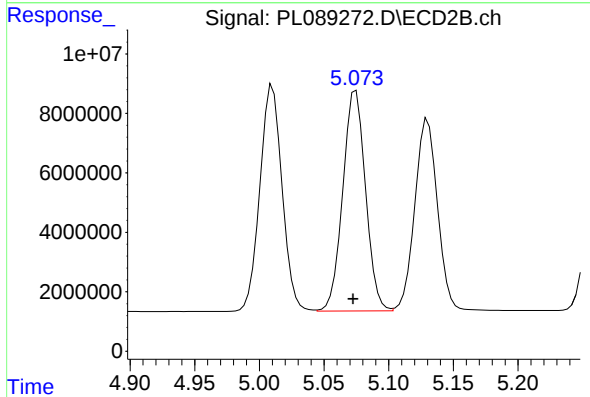
#11 alpha-Chlordane

R.T.: 6.030 min
Delta R.T.: 0.000 min
Response: 115854113
Conc: 50.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

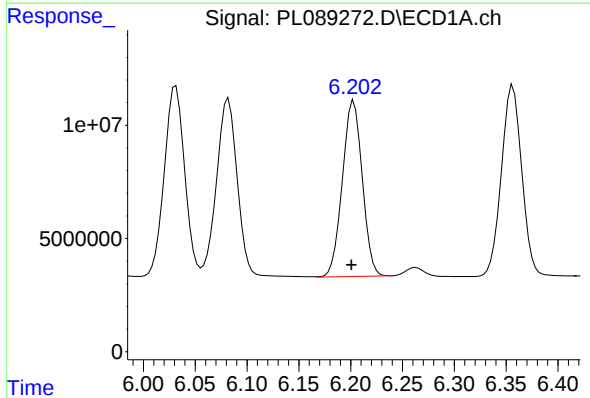
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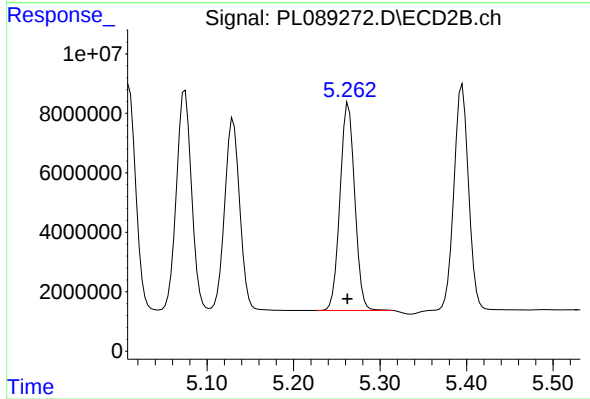
#11 alpha-Chlordane

R.T.: 5.075 min
Delta R.T.: 0.002 min
Response: 90626221
Conc: 54.95 ng/ml



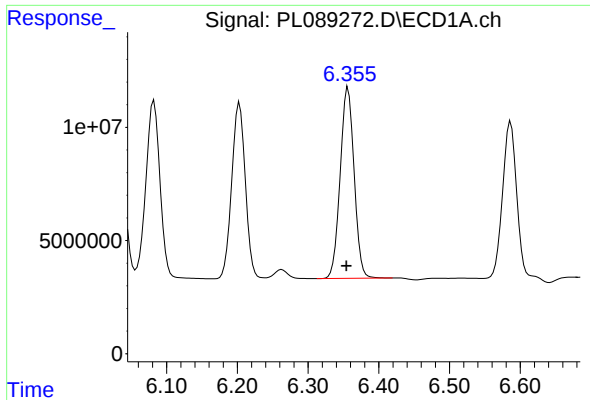
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.003 min
Response: 103749054
Conc: 51.28 ng/ml



#12 4,4'-DDE

R.T.: 5.263 min
Delta R.T.: 0.001 min
Response: 82010880
Conc: 56.40 ng/ml



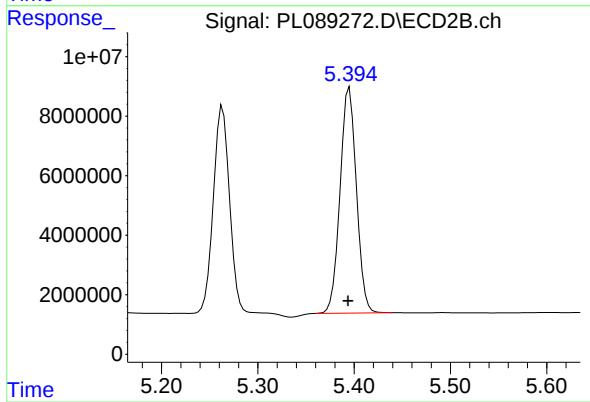
#13 Dieldrin

R.T.: 6.357 min
Delta R.T.: 0.002 min
Response: 115445957
Conc: 51.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

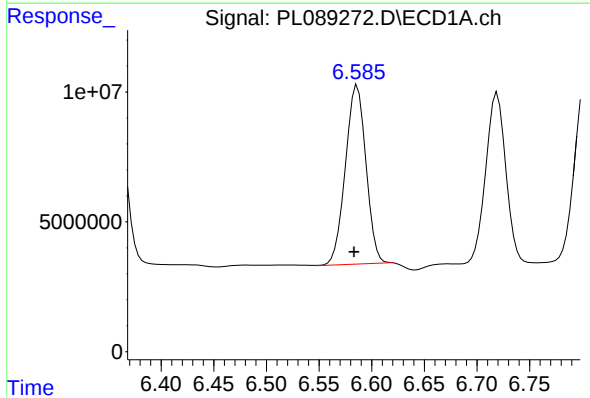
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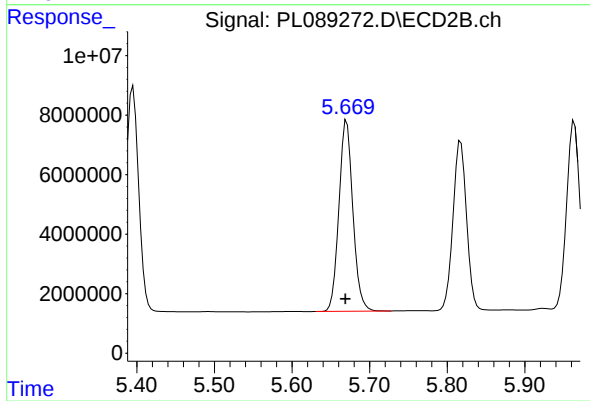
#13 Dieldrin

R.T.: 5.395 min
Delta R.T.: 0.001 min
Response: 89284296
Conc: 55.50 ng/ml



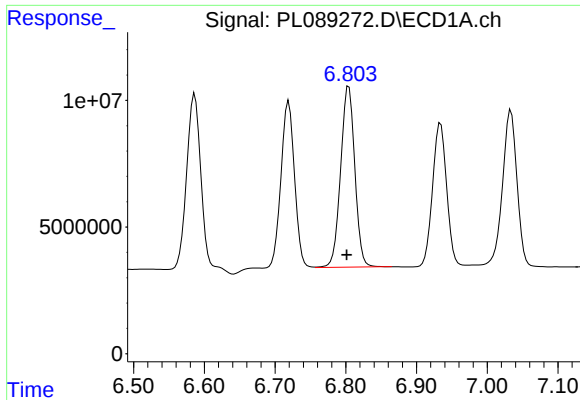
#14 Endrin

R.T.: 6.585 min
Delta R.T.: 0.002 min
Response: 93947900
Conc: 49.59 ng/ml m



#14 Endrin

R.T.: 5.671 min
Delta R.T.: 0.002 min
Response: 80405373
Conc: 55.93 ng/ml



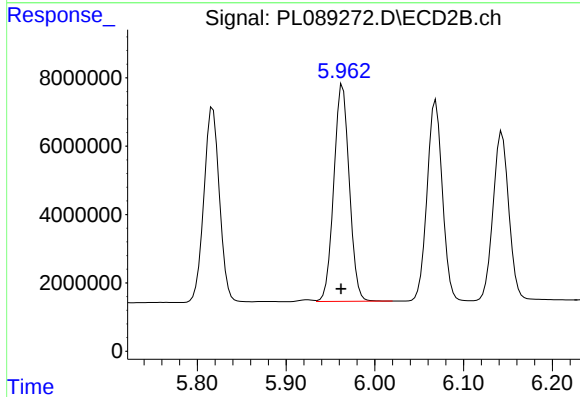
#15 Endosulfan II

R.T.: 6.803 min
Delta R.T.: 0.002 min
Response: 99582590
Conc: 49.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

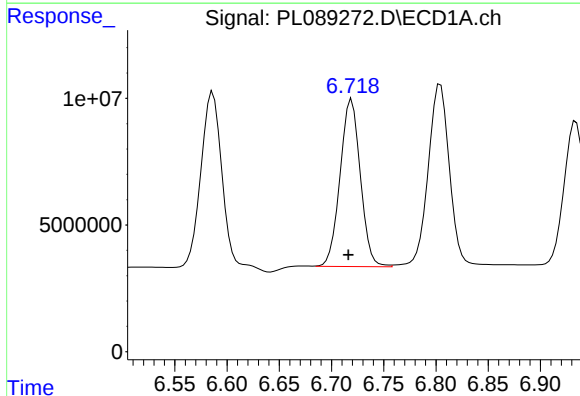
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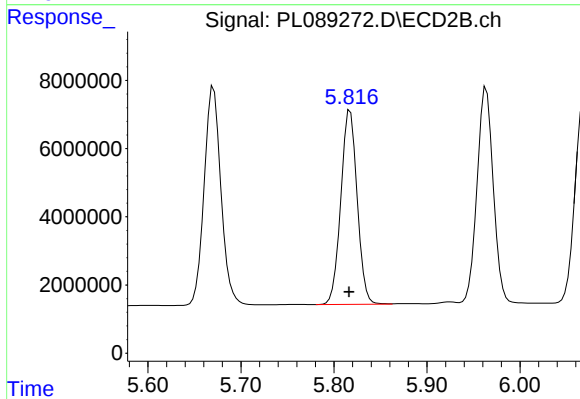
#15 Endosulfan II

R.T.: 5.964 min
Delta R.T.: 0.002 min
Response: 77132109
Conc: 53.63 ng/ml



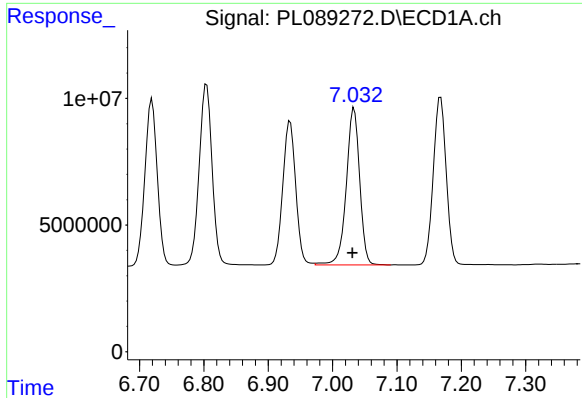
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.002 min
Response: 88971610
Conc: 52.74 ng/ml m



#16 4,4'-DDD

R.T.: 5.817 min
Delta R.T.: 0.002 min
Response: 69486714
Conc: 56.34 ng/ml



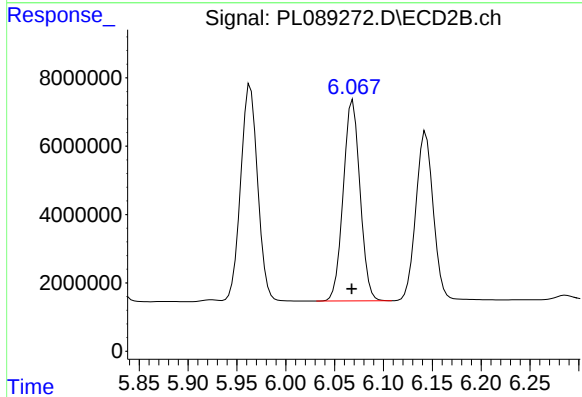
#17 4,4'-DDT

R.T.: 7.034 min
Delta R.T.: 0.003 min
Response: 89743964
Conc: 48.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

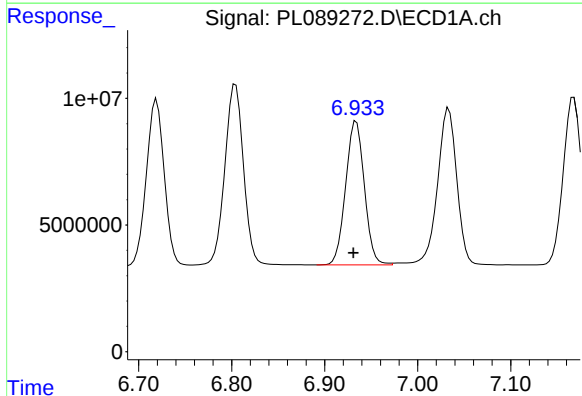
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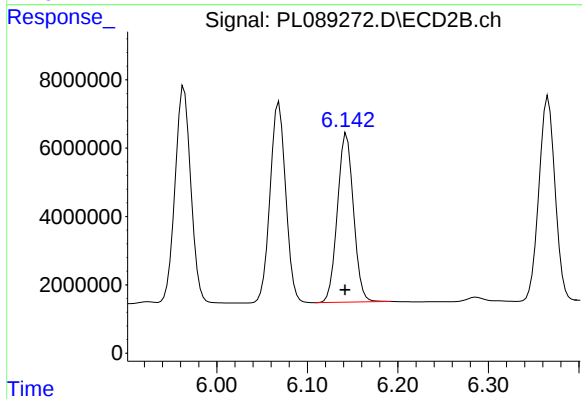
#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: 0.001 min
Response: 70426159
Conc: 52.05 ng/ml



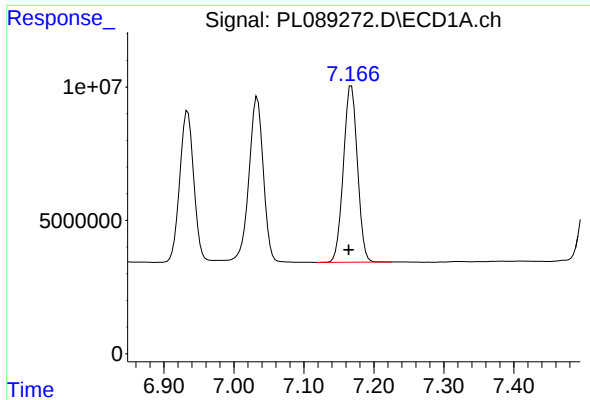
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.003 min
Response: 79363446
Conc: 52.48 ng/ml



#18 Endrin aldehyde

R.T.: 6.143 min
Delta R.T.: 0.002 min
Response: 60872144
Conc: 54.73 ng/ml



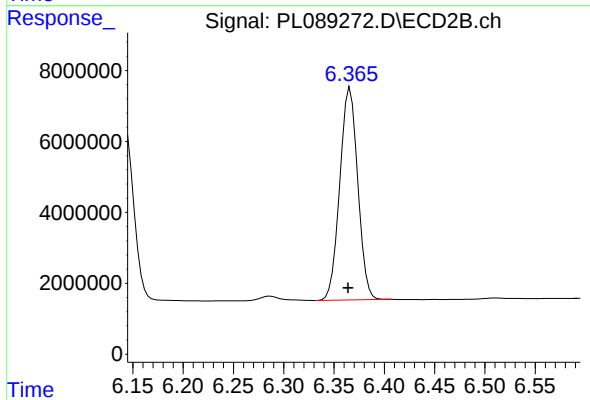
#19 Endosulfan Sulfate

R.T.: 7.168 min
Delta R.T.: 0.004 min
Response: 92227492
Conc: 50.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

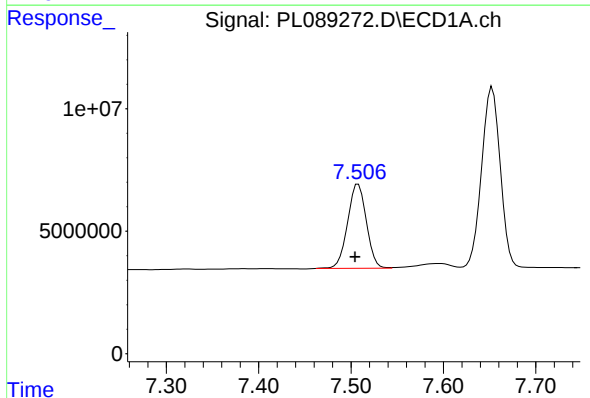
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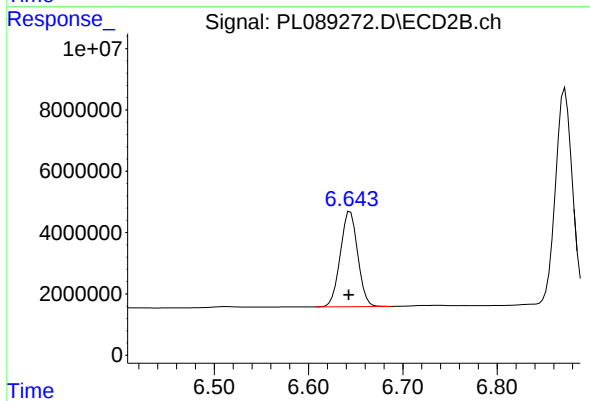
#19 Endosulfan Sulfate

R.T.: 6.366 min
Delta R.T.: 0.002 min
Response: 74216787
Conc: 53.50 ng/ml



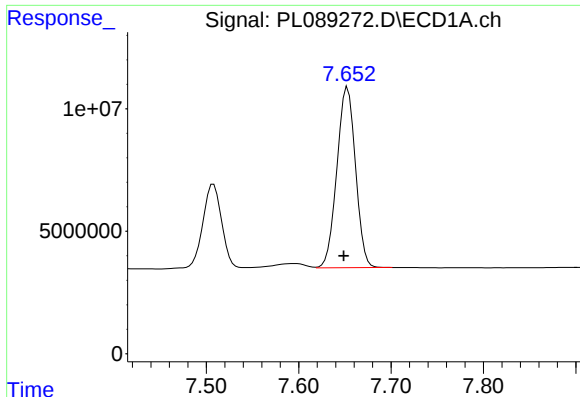
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.003 min
Response: 48589842
Conc: 49.41 ng/ml



#20 Methoxychlor

R.T.: 6.644 min
Delta R.T.: 0.002 min
Response: 39801493
Conc: 49.78 ng/ml



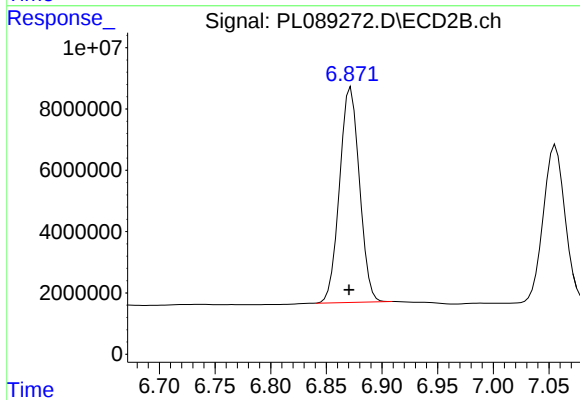
#21 Endrin ketone

R.T.: 7.653 min
Delta R.T.: 0.004 min
Response: 103302549
Conc: 51.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

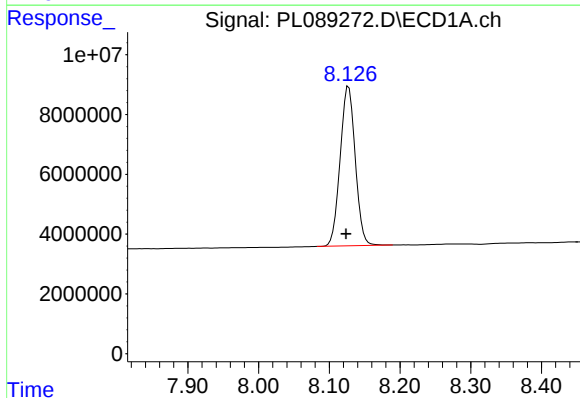
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/01/2024
Supervised By :mohammad ahmed 05/02/2024



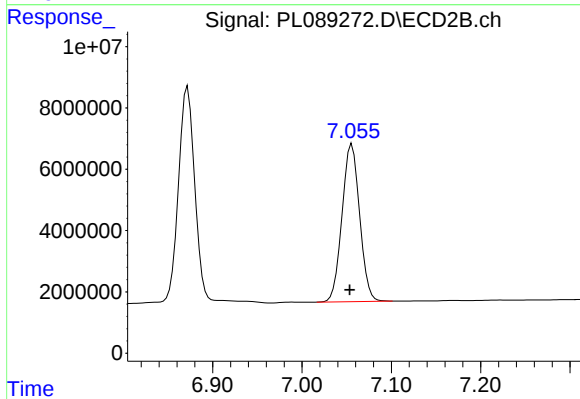
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: 0.001 min
Response: 87328139
Conc: 54.61 ng/ml



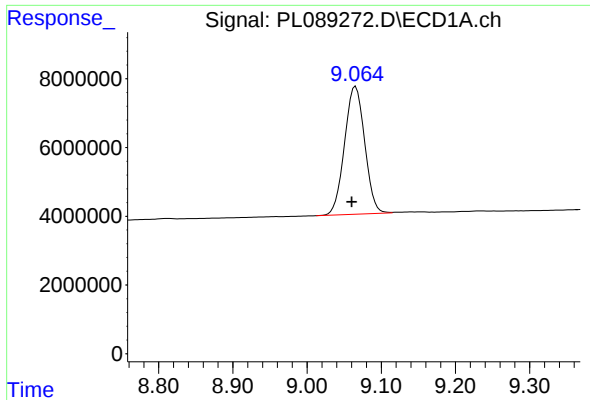
#22 Mirex

R.T.: 8.127 min
Delta R.T.: 0.004 min
Response: 79164667
Conc: 50.94 ng/ml



#22 Mirex

R.T.: 7.056 min
Delta R.T.: 0.002 min
Response: 70253313
Conc: 51.50 ng/ml



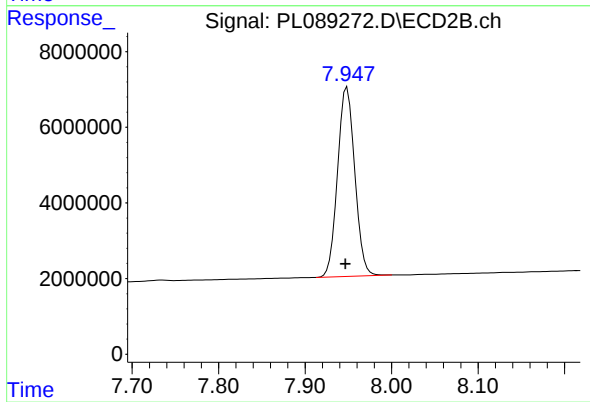
#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.005 min
Response: 70265147
Conc: 50.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.002 min
Response: 68939896
Conc: 51.25 ng/ml