

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101923\
 Data File : PL086049.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Oct 2023 18:18
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/20/2023
 Supervised By :Ankita Jodhani 10/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 19 22:16:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 2023
 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...	3.356	2.623	127.9E6	40843522	43.009	43.724
28)	SA Decachlor...	8.856	7.773	110.6E6	49147740	50.774	53.249
Target Compounds							
2)	A alpha-BHC	3.810	3.121	187.8E6	56377417	43.759	44.810
3)	MA gamma-BHC...	4.141	3.448	182.9E6	56505972	44.252	45.815
4)	MA Heptachlor	4.728	3.784	173.6E6	54011142	44.876	46.439
5)	MB Aldrin	5.067	4.061	174.4E6	54316536	44.999	48.572
6)	B beta-BHC	4.344	3.750	77462608	25609213	46.844	49.193
7)	B delta-BHC	4.587	3.975	180.9E6	56471291	47.166	49.149
8)	B Heptachlo...	5.496	4.565	153.7E6	50938959	44.550m	50.716
9)	A Endosulfan I	5.880	4.933	139.7E6	47959550	43.184m	44.707
10)	B gamma-Chl...	5.754	4.817	154.2E6	53239848	45.058m	53.757
11)	B alpha-Chl...	5.833	4.881	158.1E6	52983144	46.251m	48.576
12)	B 4,4'-DDE	6.018	5.080	137.1E6	46387917	49.033	56.492
13)	MA Dieldrin	6.158	5.199	146.7E6	48879858	44.647	50.380
14)	MA Endrin	6.385	5.472	119.5E6	44922318	41.935m	49.969
15)	B Endosulfa...	6.609	5.770	128.3E6	46133142	46.570	48.513
16)	A 4,4'-DDD	6.535	5.636	111.2E6	41078556	55.180m	59.017
17)	MA 4,4'-DDT	6.851	5.886	101.6E6	39034679	43.122	49.364
18)	B Endrin al...	6.741	5.951	93414507	35975911	46.090	48.244
19)	B Endosulfa...	6.976	6.176	120.6E6	45698791	48.070	50.657
20)	A Methoxychlor	7.337	6.471	56288118	23870798	40.303	45.375
21)	B Endrin ke...	7.459	6.678	129.7E6	56642359	45.042	49.279
22)	Mirex	7.931	6.854	100.1E6	46165287	45.204	48.947

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101923\
Data File : PL086049.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Oct 2023 18:18
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

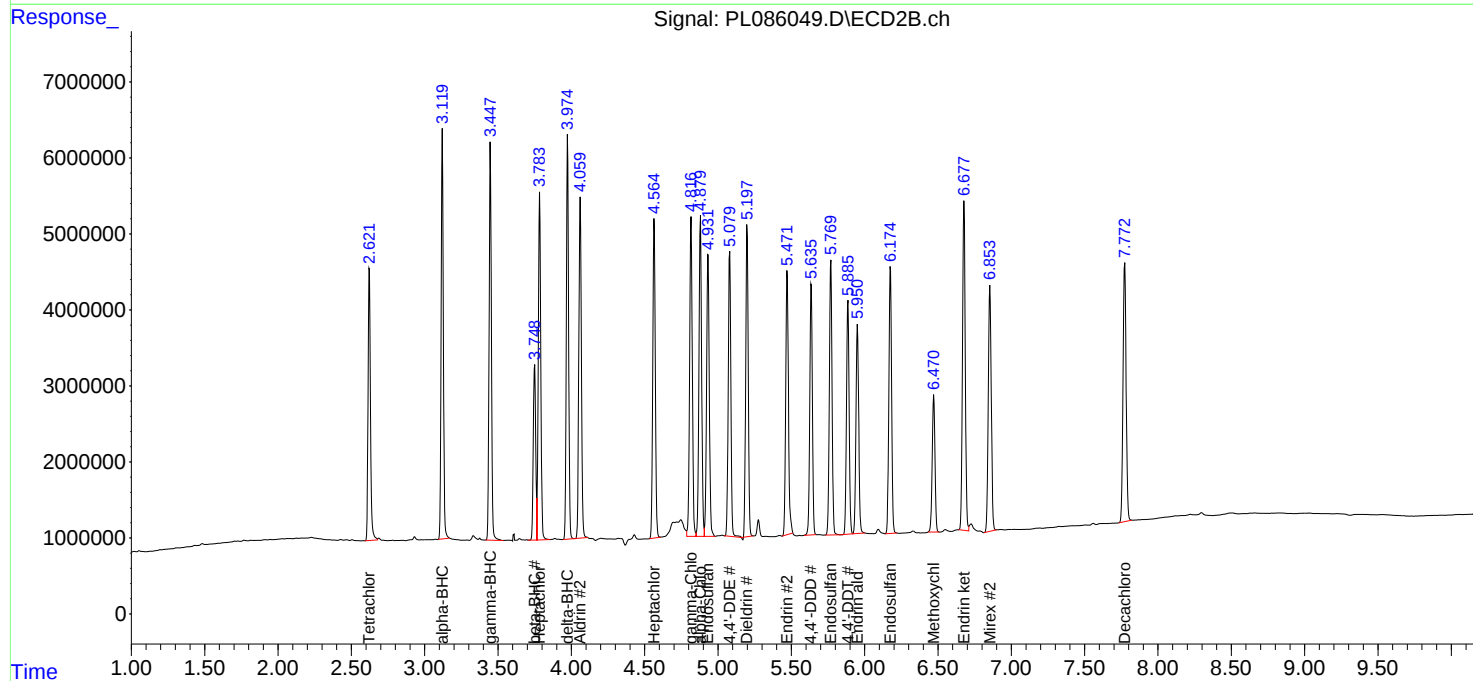
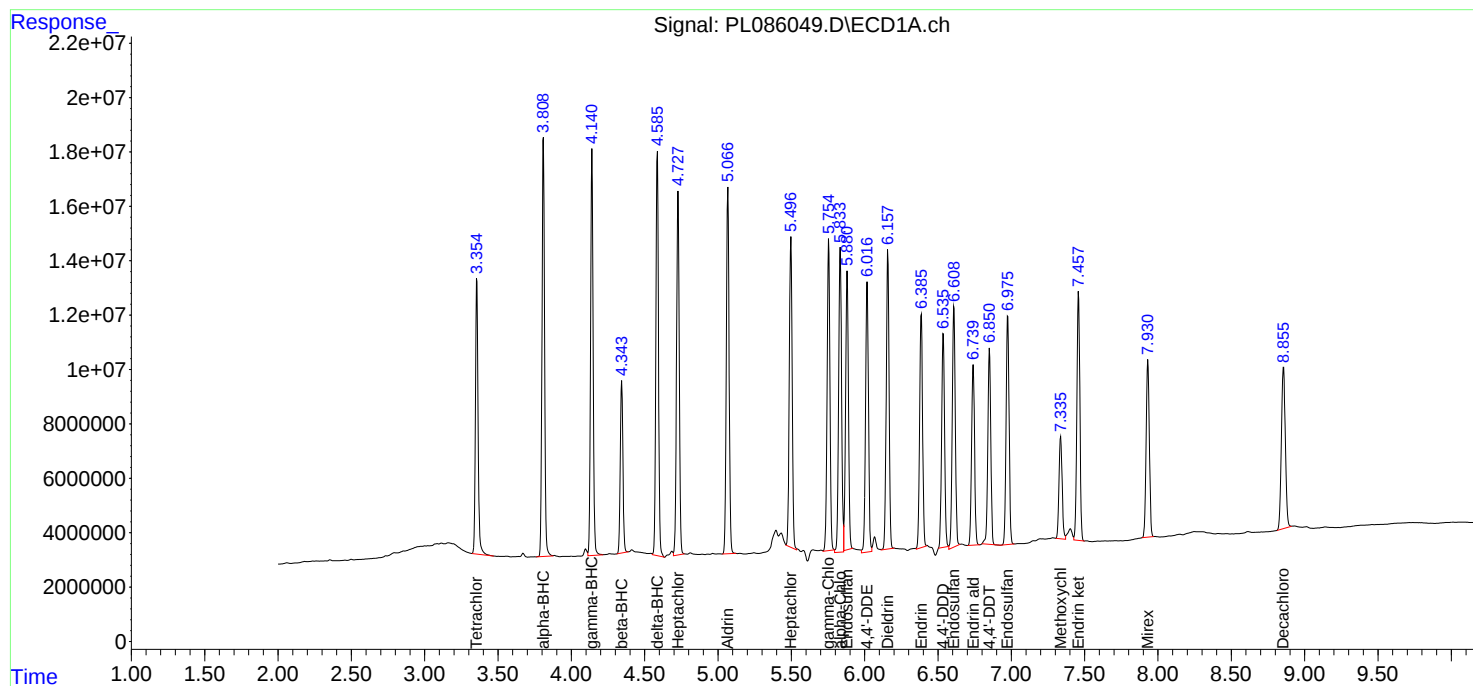
APPROVED

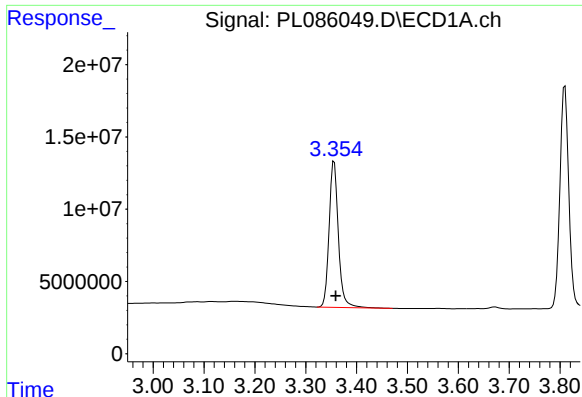
Reviewed By :Abdul Mirza 10/20/2023

Supervised By :Ankita Jodhani 10/20/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 19 22:16:14 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
Quant Title : GC Extractables
QLast Update : Wed Oct 04 05:29:39 2023
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





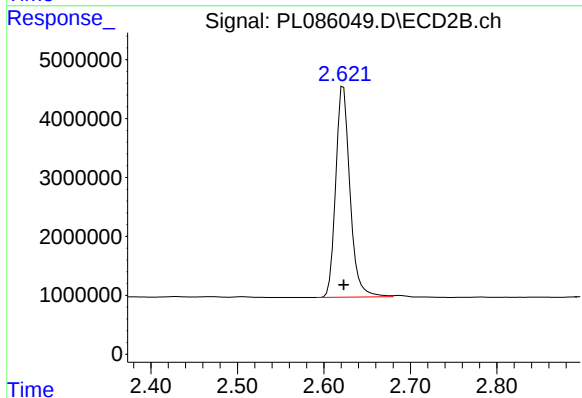
#1 Tetrachloro-m-xylene

R.T.: 3.356 min
Delta R.T.: -0.003 min
Response: 127916230
Conc: 43.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

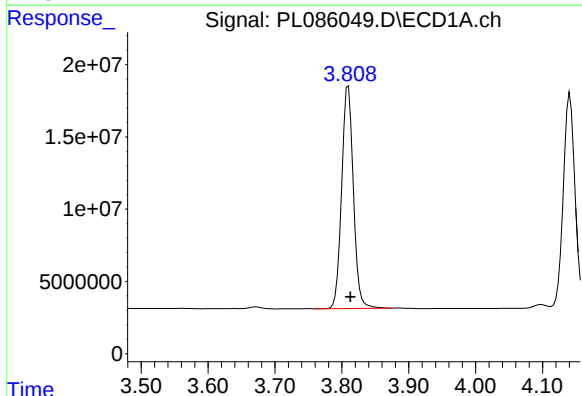
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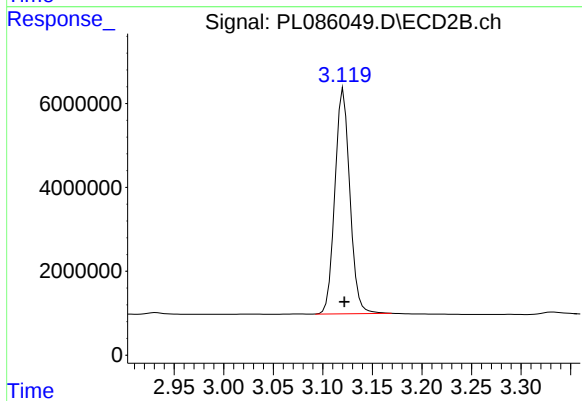
#1 Tetrachloro-m-xylene

R.T.: 2.623 min
Delta R.T.: 0.000 min
Response: 40843522
Conc: 43.72 ng/ml



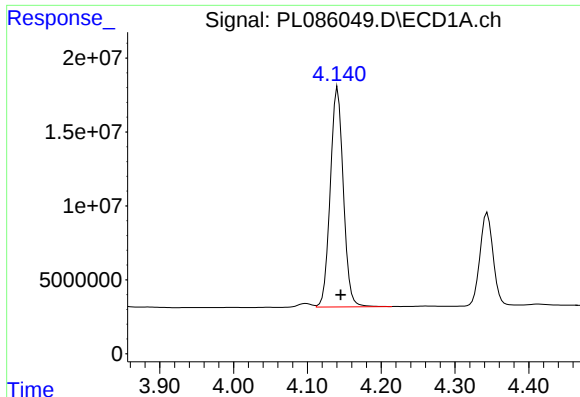
#2 alpha-BHC

R.T.: 3.810 min
Delta R.T.: -0.003 min
Response: 187810958
Conc: 43.76 ng/ml



#2 alpha-BHC

R.T.: 3.121 min
Delta R.T.: 0.000 min
Response: 56377417
Conc: 44.81 ng/ml



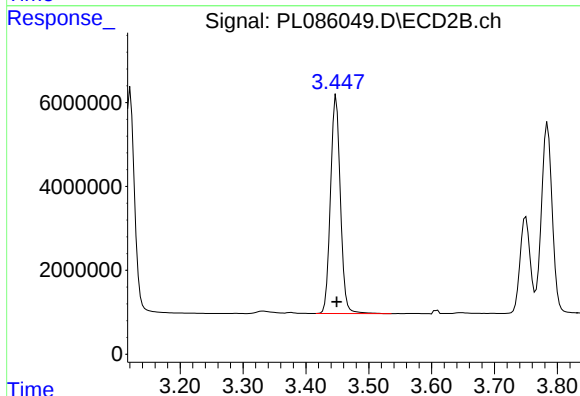
#3 gamma-BHC (Lindane)

R.T.: 4.141 min
Delta R.T.: -0.004 min
Response: 182909196
Conc: 44.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

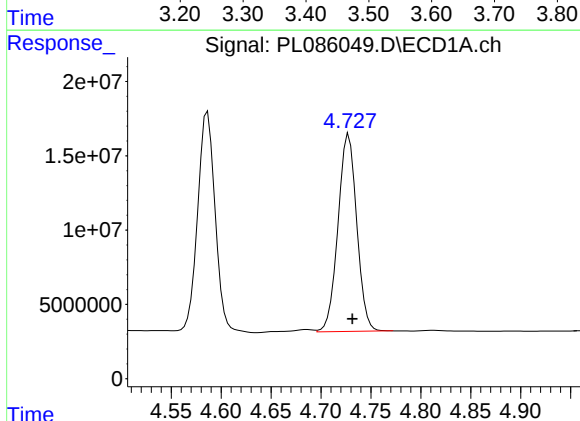
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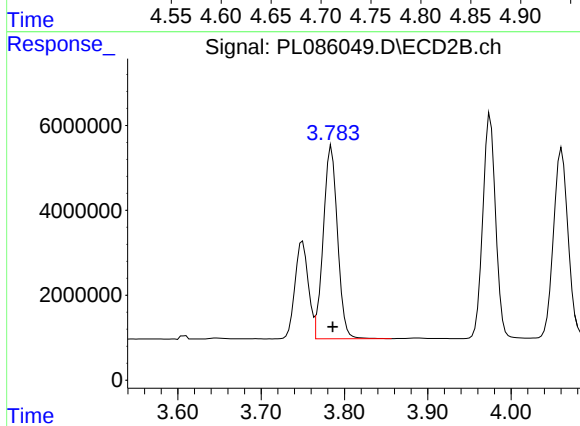
#3 gamma-BHC (Lindane)

R.T.: 3.448 min
Delta R.T.: 0.000 min
Response: 56505972
Conc: 45.82 ng/ml



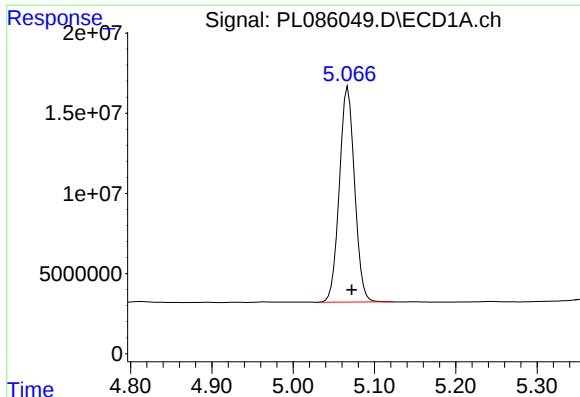
#4 Heptachlor

R.T.: 4.728 min
Delta R.T.: -0.004 min
Response: 173561393
Conc: 44.88 ng/ml



#4 Heptachlor

R.T.: 3.784 min
Delta R.T.: -0.001 min
Response: 54011142
Conc: 46.44 ng/ml



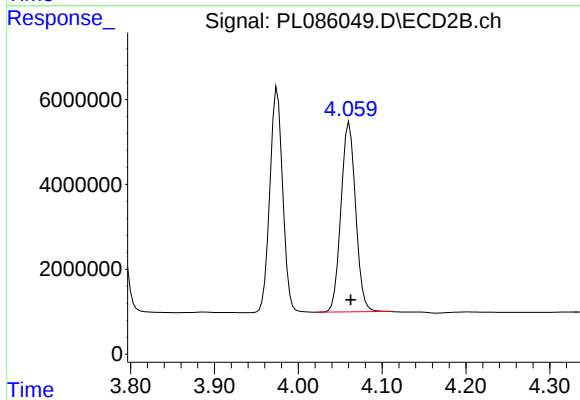
#5 Aldrin

R.T.: 5.067 min
Delta R.T.: -0.004 min
Response: 174432962
Conc: 45.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

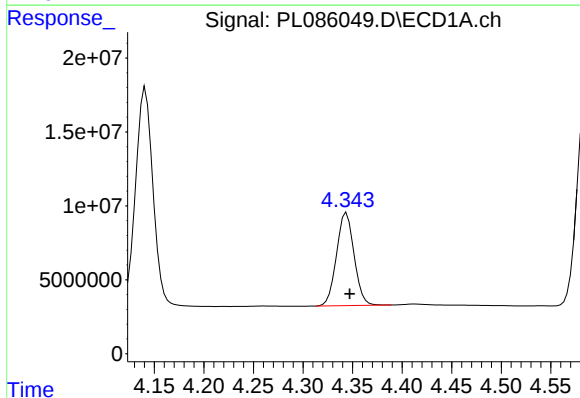
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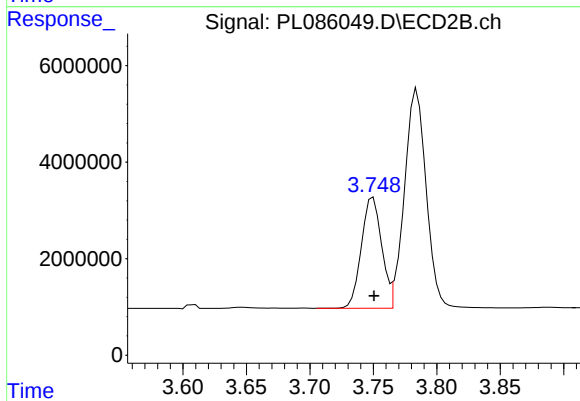
#5 Aldrin

R.T.: 4.061 min
Delta R.T.: -0.002 min
Response: 54316536
Conc: 48.57 ng/ml



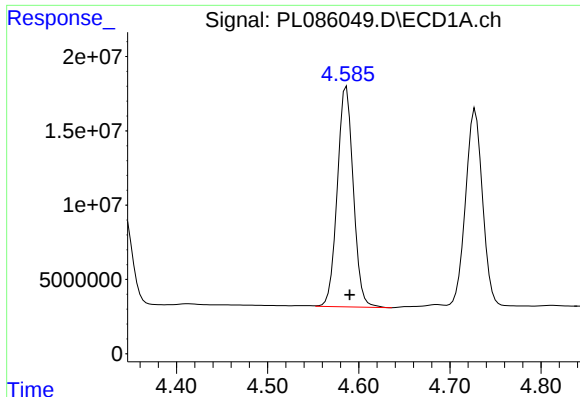
#6 beta-BHC

R.T.: 4.344 min
Delta R.T.: -0.003 min
Response: 77462608
Conc: 46.84 ng/ml



#6 beta-BHC

R.T.: 3.750 min
Delta R.T.: 0.000 min
Response: 25609213
Conc: 49.19 ng/ml



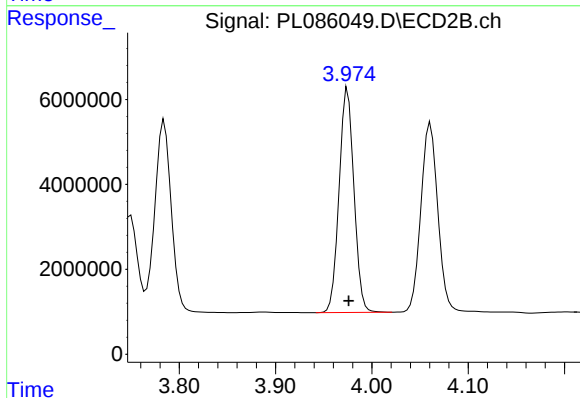
#7 delta-BHC

R.T.: 4.587 min
Delta R.T.: -0.004 min
Response: 180851831
Conc: 47.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

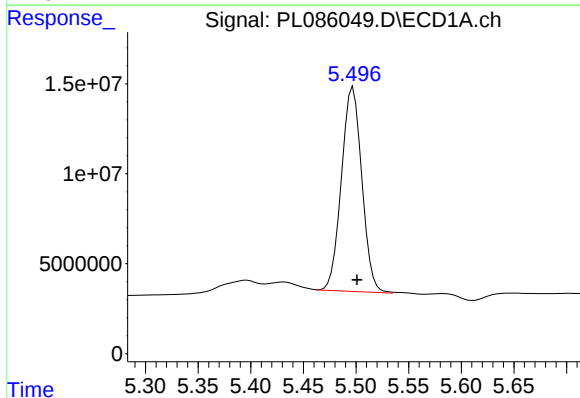
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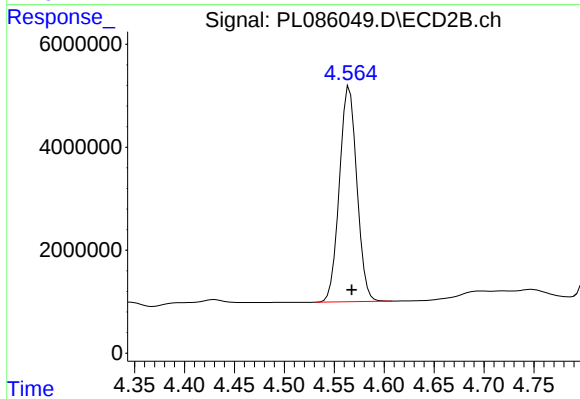
#7 delta-BHC

R.T.: 3.975 min
Delta R.T.: 0.000 min
Response: 56471291
Conc: 49.15 ng/ml



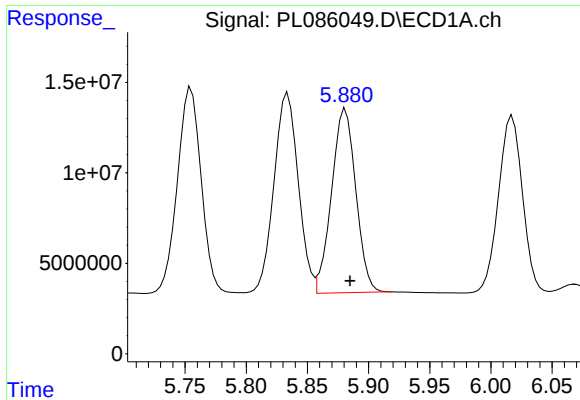
#8 Heptachlor epoxide

R.T.: 5.496 min
Delta R.T.: -0.005 min
Response: 153688206
Conc: 44.55 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.565 min
Delta R.T.: -0.002 min
Response: 50938959
Conc: 50.72 ng/ml



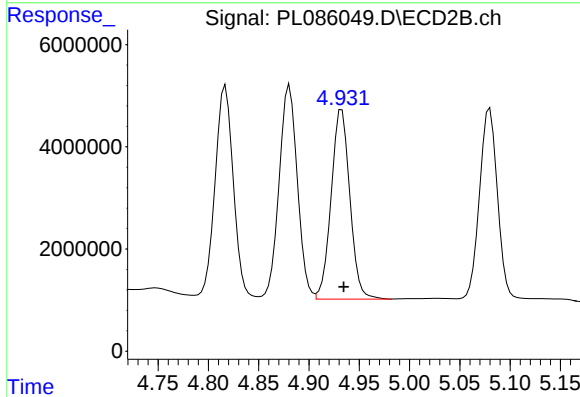
#9 Endosulfan I

R.T.: 5.880 min
Delta R.T.: -0.005 min
Response: 139657674
Conc: 43.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

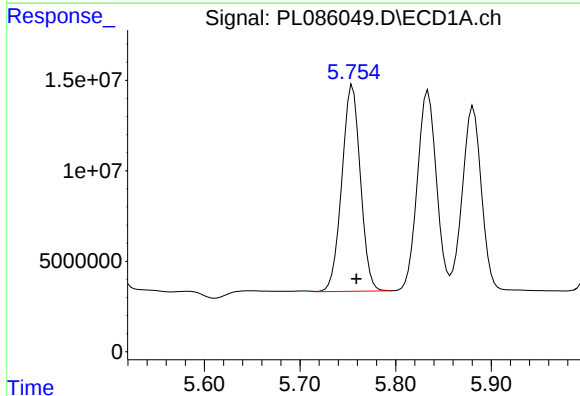
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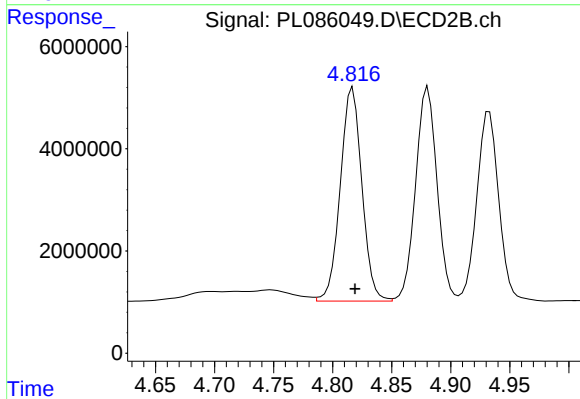
#9 Endosulfan I

R.T.: 4.933 min
Delta R.T.: -0.002 min
Response: 47959550
Conc: 44.71 ng/ml



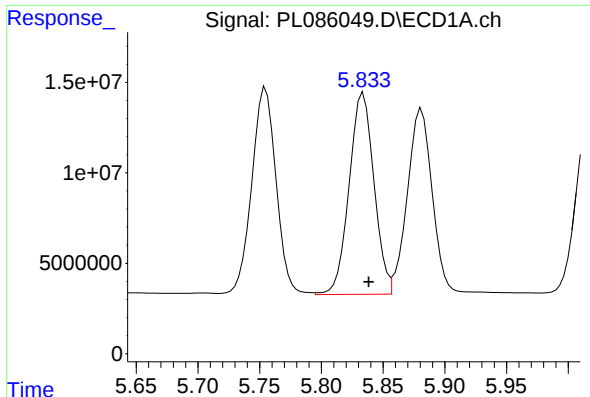
#10 gamma-Chlordane

R.T.: 5.754 min
Delta R.T.: -0.005 min
Response: 154161419
Conc: 45.06 ng/ml m



#10 gamma-Chlordane

R.T.: 4.817 min
Delta R.T.: -0.002 min
Response: 53239848
Conc: 53.76 ng/ml



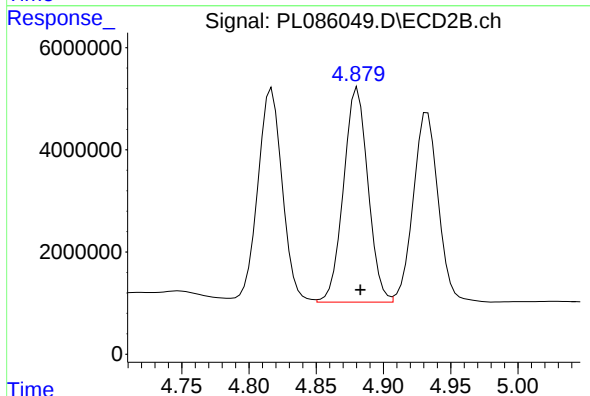
#11 alpha-Chlordane

R.T.: 5.833 min
Delta R.T.: -0.006 min
Response: 158068725
Conc: 46.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

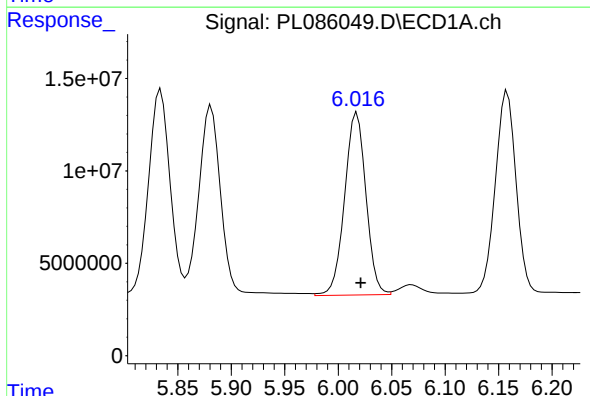
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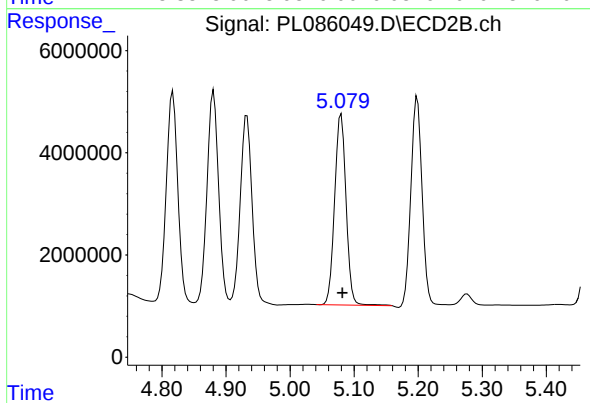
#11 alpha-Chlordane

R.T.: 4.881 min
Delta R.T.: -0.002 min
Response: 52983144
Conc: 48.58 ng/ml



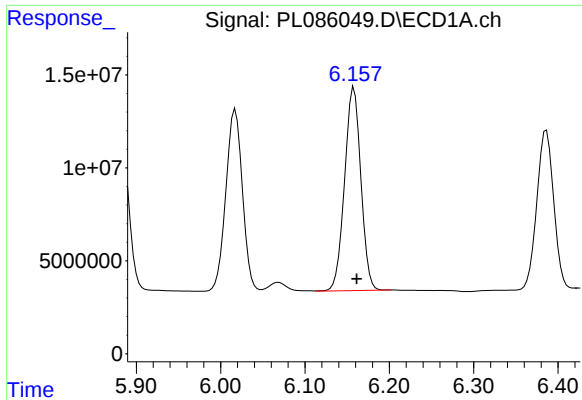
#12 4,4'-DDE

R.T.: 6.018 min
Delta R.T.: -0.004 min
Response: 137123483
Conc: 49.03 ng/ml



#12 4,4'-DDE

R.T.: 5.080 min
Delta R.T.: -0.002 min
Response: 46387917
Conc: 56.49 ng/ml



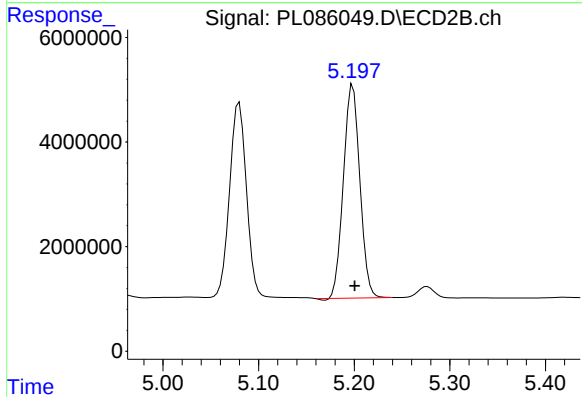
#13 Dieldrin

R.T.: 6.158 min
Delta R.T.: -0.003 min
Response: 146708250
Conc: 44.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

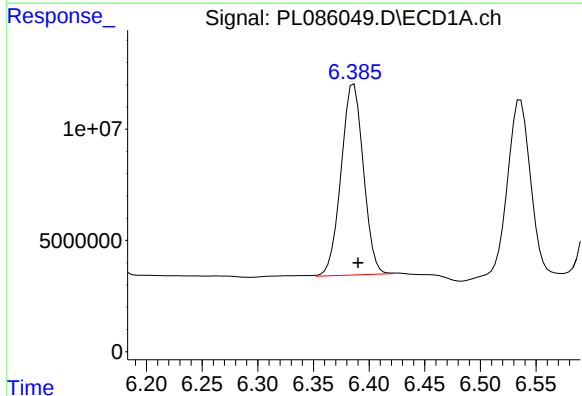
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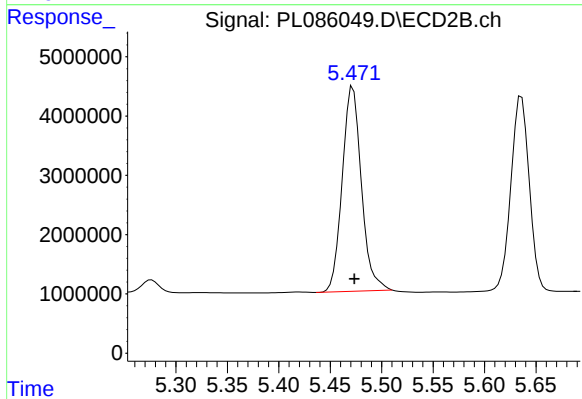
#13 Dieldrin

R.T.: 5.199 min
Delta R.T.: -0.002 min
Response: 48879858
Conc: 50.38 ng/ml



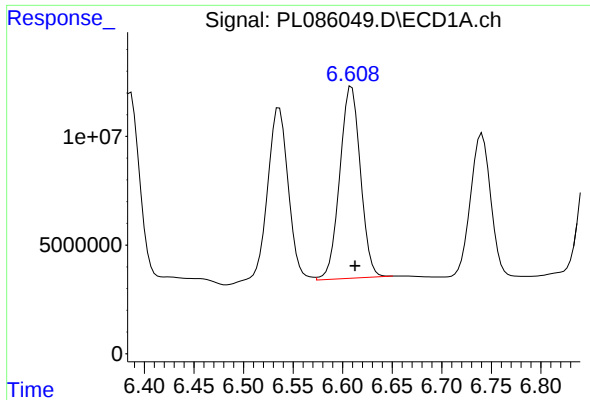
#14 Endrin

R.T.: 6.385 min
Delta R.T.: -0.005 min
Response: 119504691
Conc: 41.94 ng/ml m



#14 Endrin

R.T.: 5.472 min
Delta R.T.: -0.002 min
Response: 44922318
Conc: 49.97 ng/ml



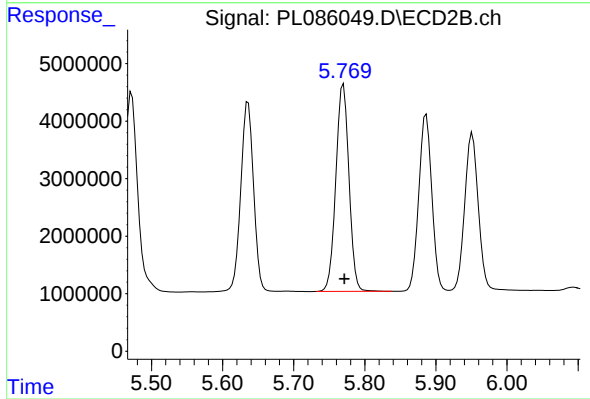
#15 Endosulfan II

R.T.: 6.609 min
Delta R.T.: -0.003 min
Response: 128322647
Conc: 46.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

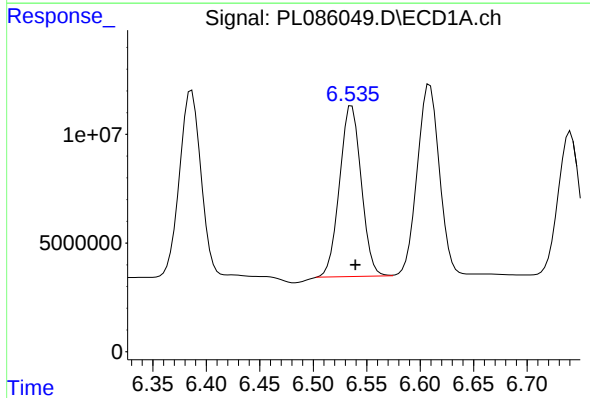
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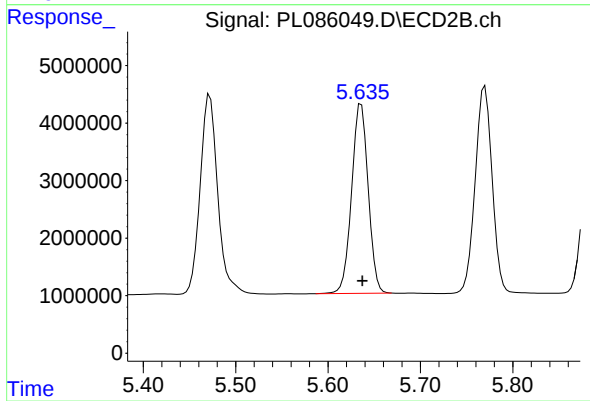
#15 Endosulfan II

R.T.: 5.770 min
Delta R.T.: -0.001 min
Response: 46133142
Conc: 48.51 ng/ml



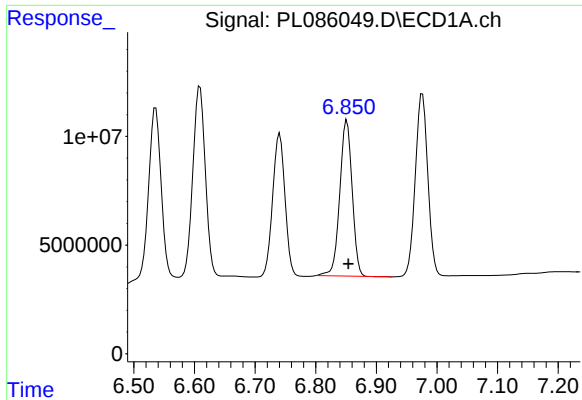
#16 4,4'-DDD

R.T.: 6.535 min
Delta R.T.: -0.005 min
Response: 111168720
Conc: 55.18 ng/ml m



#16 4,4'-DDD

R.T.: 5.636 min
Delta R.T.: -0.001 min
Response: 41078556
Conc: 59.02 ng/ml



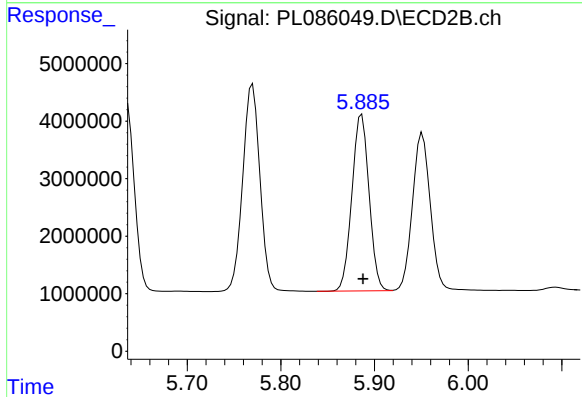
#17 4,4'-DDT

R.T.: 6.851 min
Delta R.T.: -0.003 min
Response: 101642027
Conc: 43.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

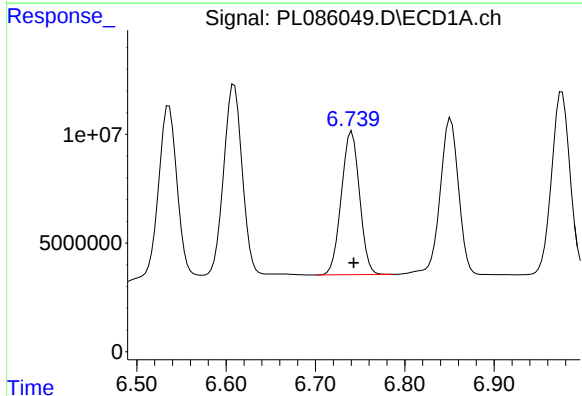
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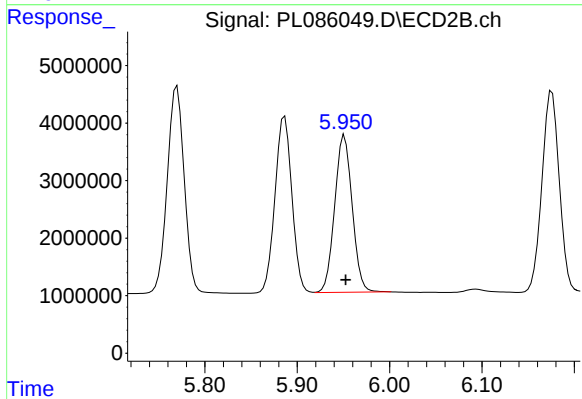
#17 4,4'-DDT

R.T.: 5.886 min
Delta R.T.: -0.001 min
Response: 39034679
Conc: 49.36 ng/ml



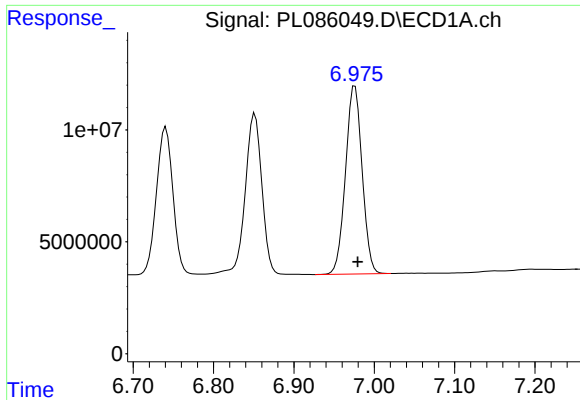
#18 Endrin aldehyde

R.T.: 6.741 min
Delta R.T.: -0.002 min
Response: 93414507
Conc: 46.09 ng/ml



#18 Endrin aldehyde

R.T.: 5.951 min
Delta R.T.: -0.001 min
Response: 35975911
Conc: 48.24 ng/ml



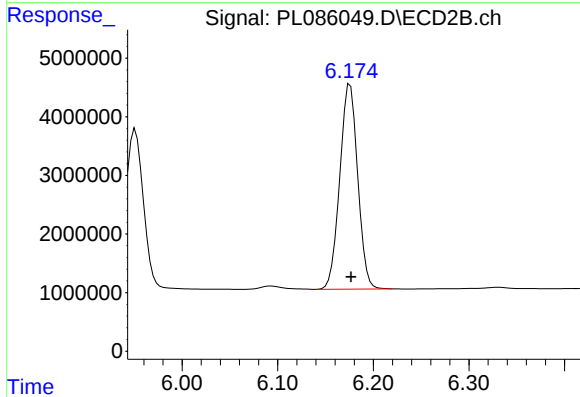
#19 Endosulfan Sulfate

R.T.: 6.976 min
Delta R.T.: -0.003 min
Response: 120643245
Conc: 48.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

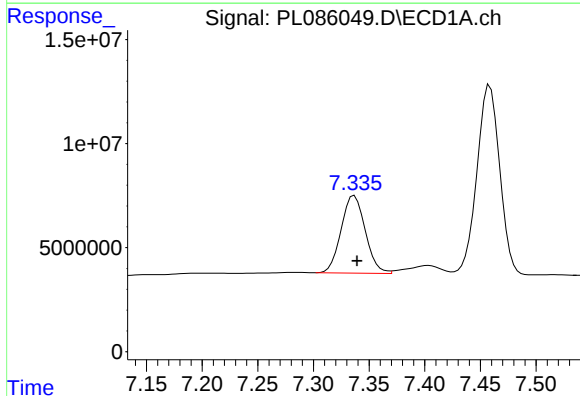
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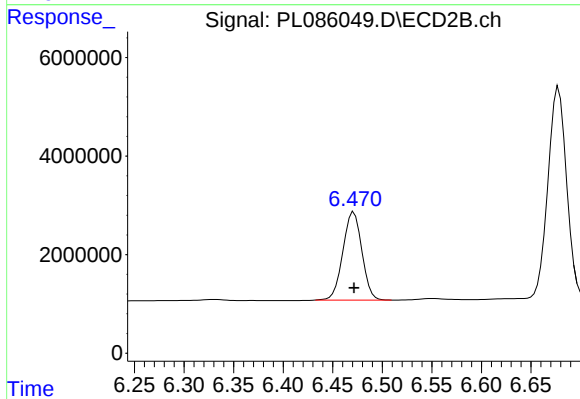
#19 Endosulfan Sulfate

R.T.: 6.176 min
Delta R.T.: -0.001 min
Response: 45698791
Conc: 50.66 ng/ml



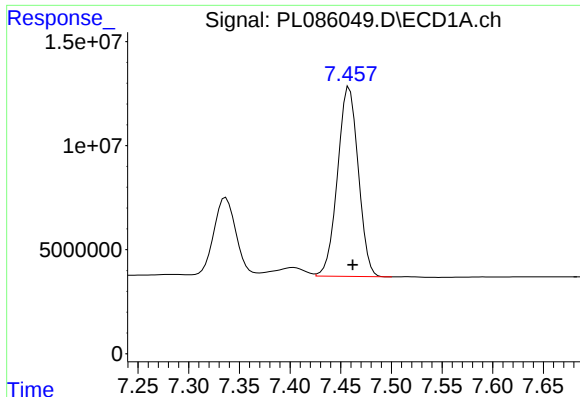
#20 Methoxychlor

R.T.: 7.337 min
Delta R.T.: -0.002 min
Response: 56288118
Conc: 40.30 ng/ml



#20 Methoxychlor

R.T.: 6.471 min
Delta R.T.: 0.000 min
Response: 23870798
Conc: 45.38 ng/ml



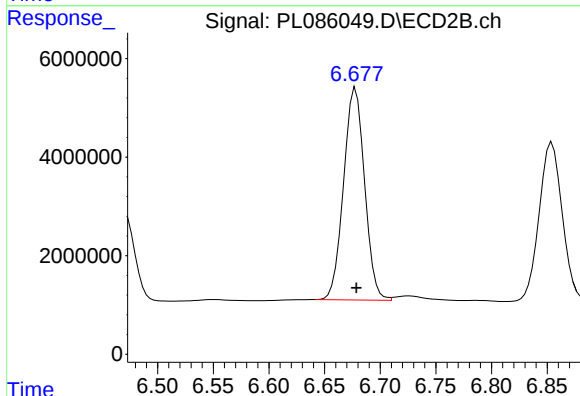
#21 Endrin ketone

R.T.: 7.459 min
Delta R.T.: -0.003 min
Response: 129733486
Conc: 45.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

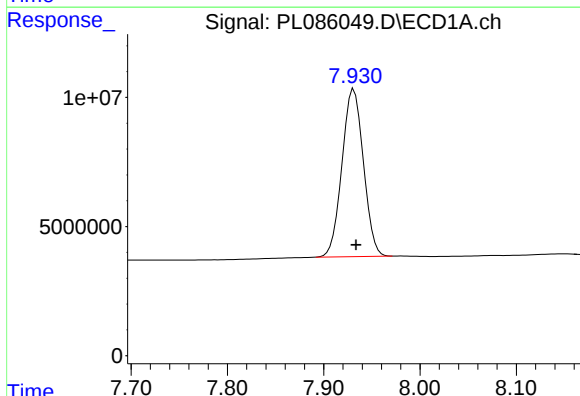
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/20/2023
Supervised By :Ankita Jodhani 10/20/2023



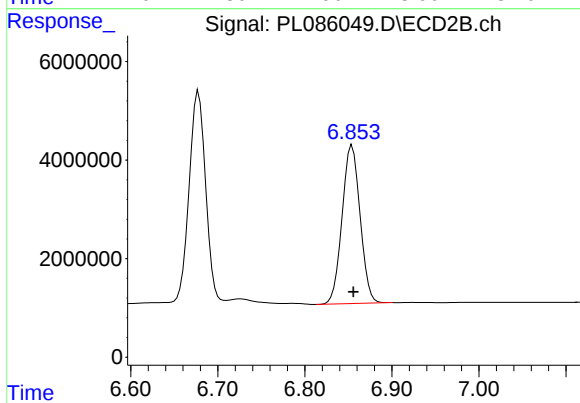
#21 Endrin ketone

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 56642359
Conc: 49.28 ng/ml



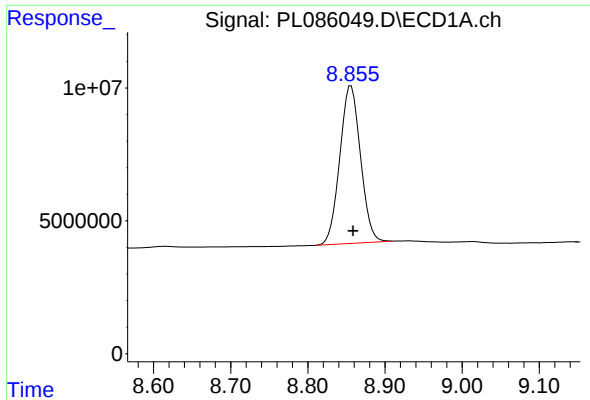
#22 Mirex

R.T.: 7.931 min
Delta R.T.: -0.002 min
Response: 100081856
Conc: 45.20 ng/ml



#22 Mirex

R.T.: 6.854 min
Delta R.T.: -0.001 min
Response: 46165287
Conc: 48.95 ng/ml



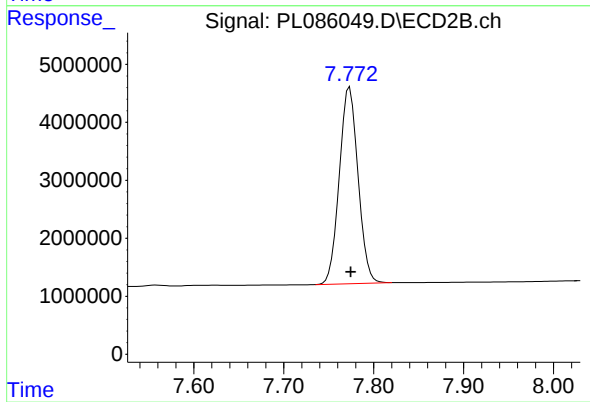
#28 Decachlorobiphenyl

R.T.: 8.856 min
Delta R.T.: -0.003 min
Response: 110588080
Conc: 50.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.773 min
Delta R.T.: -0.001 min
Response: 49147740
Conc: 53.25 ng/ml