

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050223\
 Data File : PL082441.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 May 2023 15:41
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/04/2023
 Supervised By :Ankita Jodhani 05/04/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 03 01:50:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.323	2.646	131.5E6	110.6E6	49.227	47.729
28)	SA Decachlor...	8.745	7.758	91673228	102.3E6	48.020	44.836
Target Compounds							
2)	A alpha-BHC	3.772	3.143	202.4E6	163.2E6	50.846	47.943
3)	MA gamma-BHC...	4.101	3.469	187.6E6	151.6E6	50.169	47.147m
4)	MA Heptachlor	4.679	3.802	181.2E6	161.6E6	49.578	47.198
5)	MB Aldrin	5.016	4.079	165.1E6	154.1E6	50.071	48.919
6)	B beta-BHC	4.304	3.770	81635407	65727760	47.866	48.173
7)	B delta-BHC	4.546	3.996	184.9E6	149.3E6	51.406	48.669
8)	B Heptachlo...	5.442	4.580	160.8E6	133.9E6	52.709	46.495
9)	A Endosulfan I	5.823	4.948	136.0E6	124.4E6	49.044	46.617
10)	B gamma-Chl...	5.696	4.829	173.5E6	150.7E6	57.710m	51.934
11)	B alpha-Chl...	5.775	4.892	146.5E6	141.3E6	49.092	48.694
12)	B 4,4'-DDE	5.954	5.081	136.7E6	111.6E6	53.788	48.543m
13)	MA Dieldrin	6.098	5.211	138.4E6	139.6E6	50.155	51.698m
14)	MA Endrin	6.326	5.485	127.3E6	111.2E6	52.503	45.445m
15)	B Endosulfa...	6.548	5.781	109.1E6	112.8E6	44.806	50.031m
16)	A 4,4'-DDD	6.471	5.638	114.7E6	94130897	56.576	50.327
17)	MA 4,4'-DDT	6.782	5.886	120.7E6	111.5E6	52.779	52.755
18)	B Endrin al...	6.678	5.963	93813037	86079440	49.790	45.998
19)	B Endosulfa...	6.912	6.186	116.6E6	112.5E6	49.162	47.804
20)	A Methoxychlor	7.262	6.464	56206939	55472425	46.059	45.776m
21)	B Endrin ke...	7.391	6.691	122.1E6	120.6E6	50.990	47.527
22)	Mirex	7.857	6.862	92229155	100.4E6	47.144	43.585

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050223\
Data File : PL082441.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2023 15:41
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

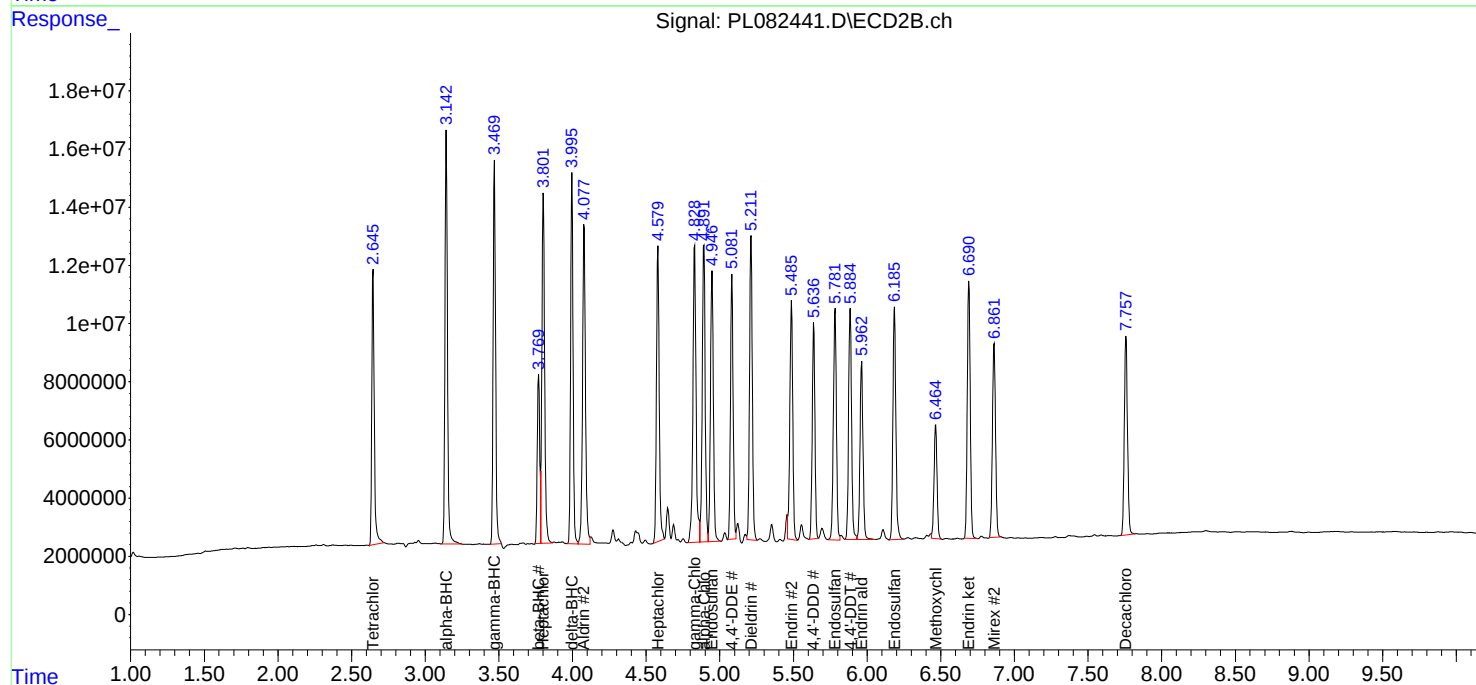
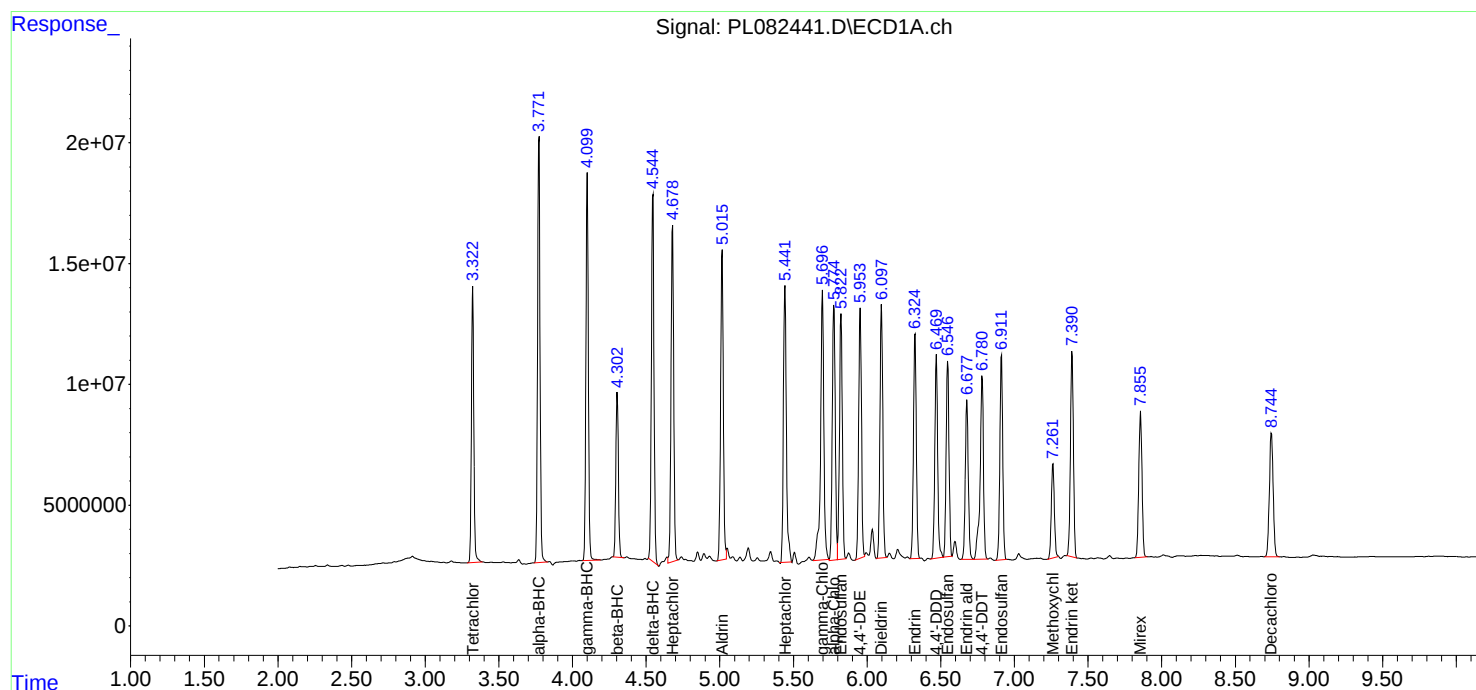
APPROVED

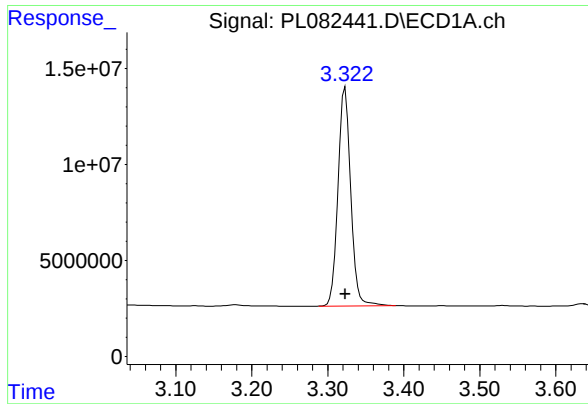
Reviewed By :Abdul Mirza 05/04/2023

Supervised By :Ankita Jodhani 05/04/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 03 01:50:16 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 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





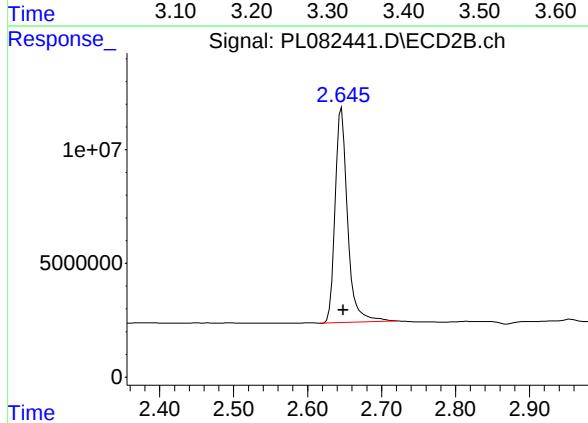
#1 Tetrachloro-m-xylene

R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 131494348
Conc: 49.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

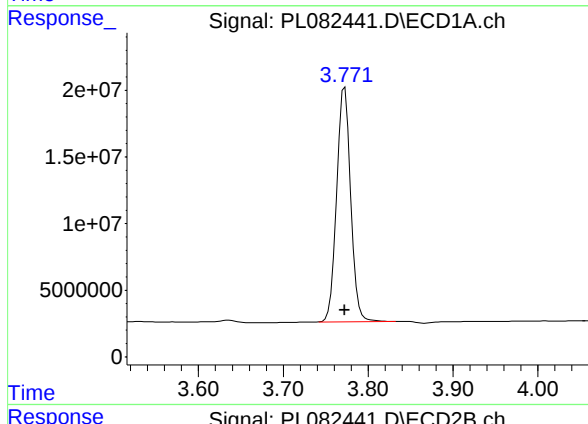
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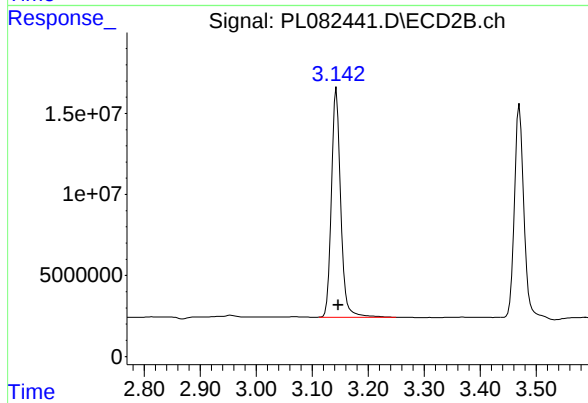
#1 Tetrachloro-m-xylene

R.T.: 2.646 min
Delta R.T.: -0.002 min
Response: 110574544
Conc: 47.73 ng/ml



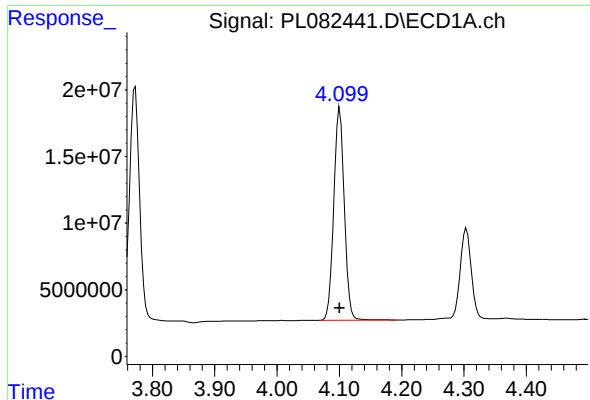
#2 alpha-BHC

R.T.: 3.772 min
Delta R.T.: 0.000 min
Response: 202379905
Conc: 50.85 ng/ml



#2 alpha-BHC

R.T.: 3.143 min
Delta R.T.: -0.003 min
Response: 163174214
Conc: 47.94 ng/ml



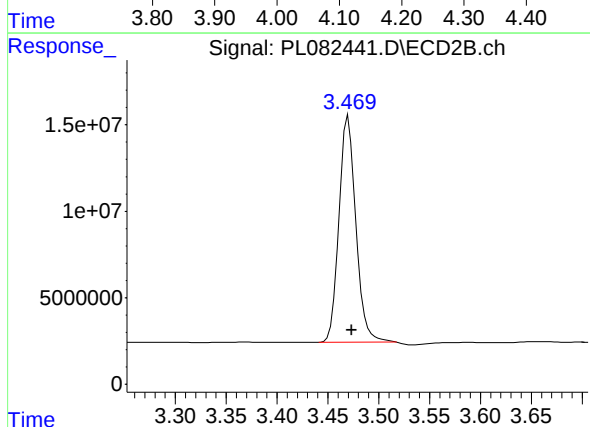
#3 gamma-BHC (Lindane)

R.T.: 4.101 min
Delta R.T.: 0.000 min
Response: 187577299
Conc: 50.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

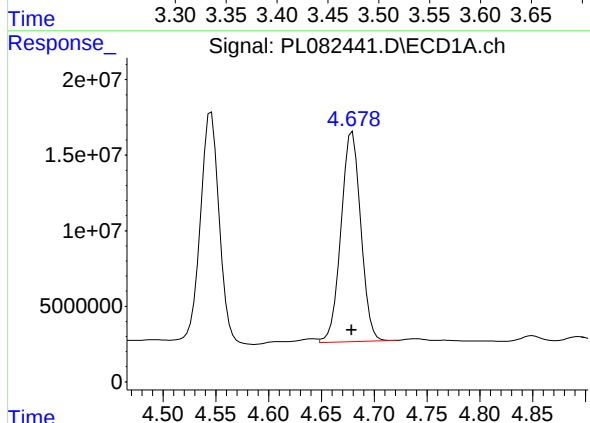
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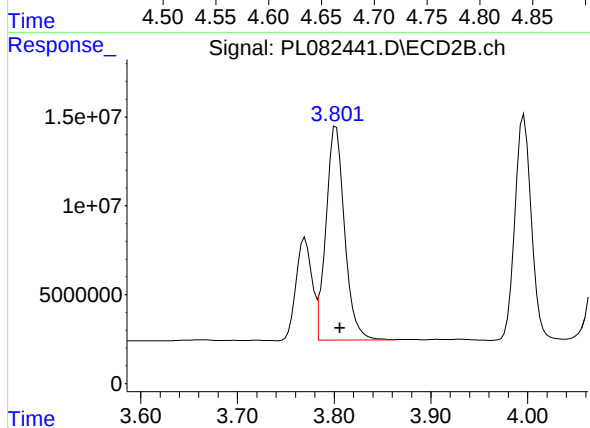
#3 gamma-BHC (Lindane)

R.T.: 3.469 min
Delta R.T.: -0.005 min
Response: 151589381
Conc: 47.15 ng/ml



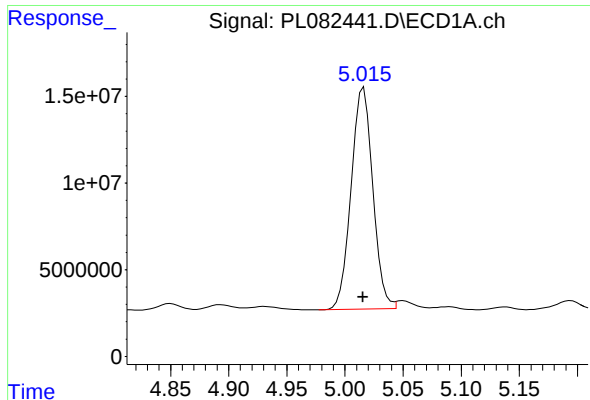
#4 Heptachlor

R.T.: 4.679 min
Delta R.T.: 0.000 min
Response: 181154239
Conc: 49.58 ng/ml



#4 Heptachlor

R.T.: 3.802 min
Delta R.T.: -0.004 min
Response: 161571819
Conc: 47.20 ng/ml



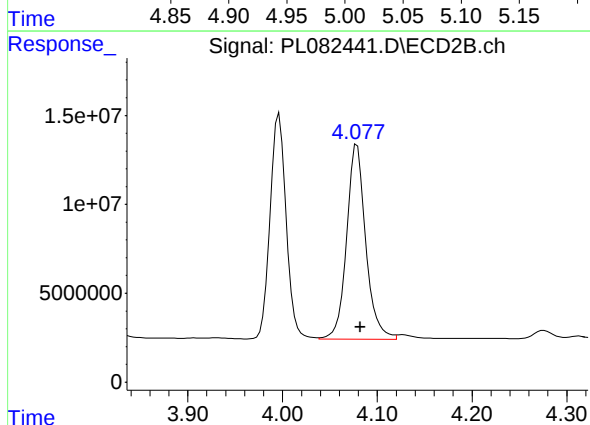
#5 Aldrin

R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 165113017
Conc: 50.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

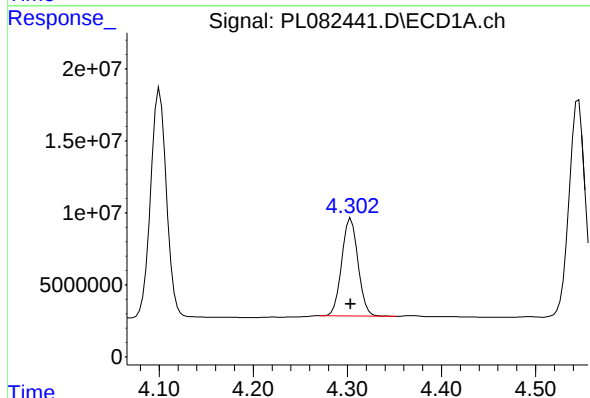
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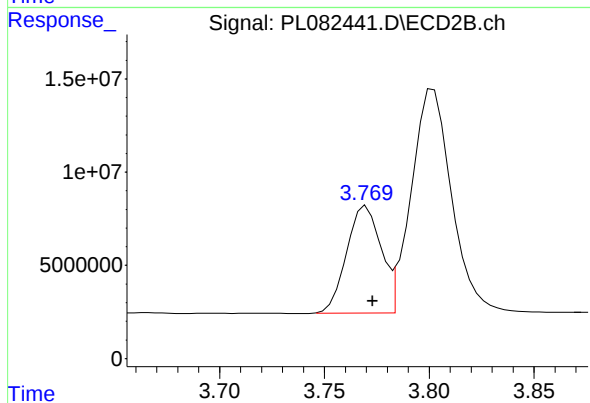
#5 Aldrin

R.T.: 4.079 min
Delta R.T.: -0.004 min
Response: 154087200
Conc: 48.92 ng/ml



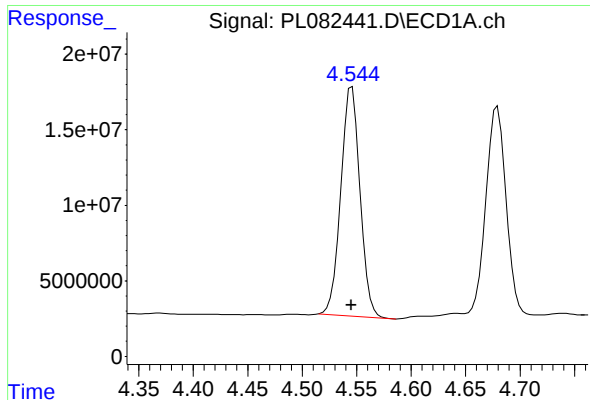
#6 beta-BHC

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 81635407
Conc: 47.87 ng/ml



#6 beta-BHC

R.T.: 3.770 min
Delta R.T.: -0.003 min
Response: 65727760
Conc: 48.17 ng/ml



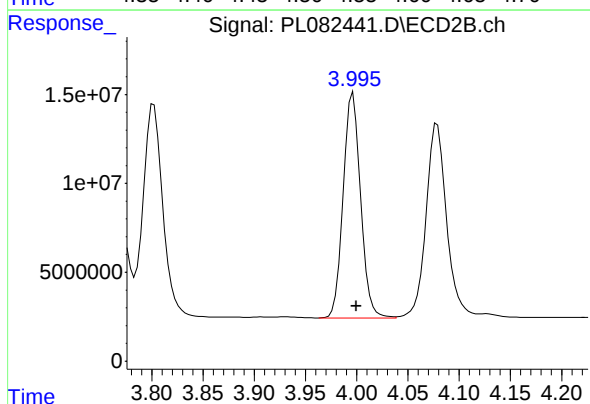
#7 delta-BHC

R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 184945872
Conc: 51.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

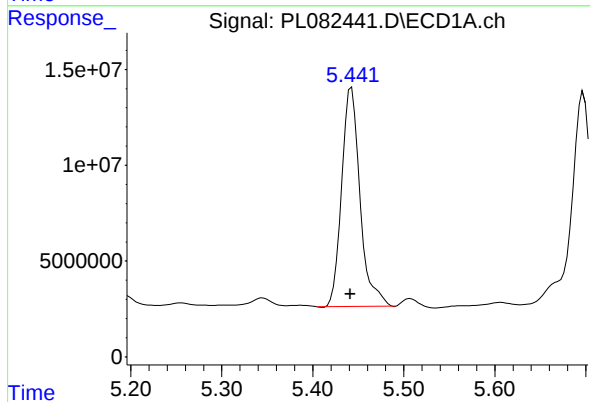
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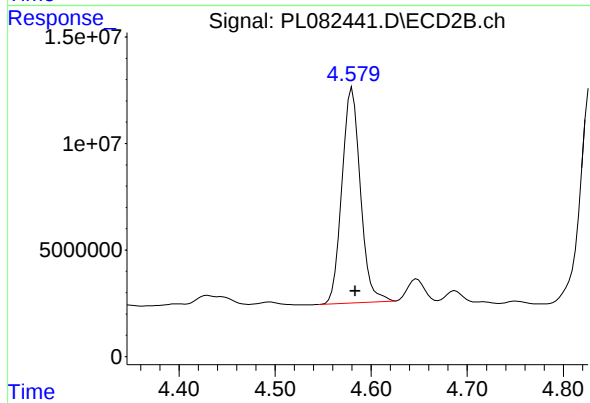
#7 delta-BHC

R.T.: 3.996 min
Delta R.T.: -0.003 min
Response: 149286309
Conc: 48.67 ng/ml



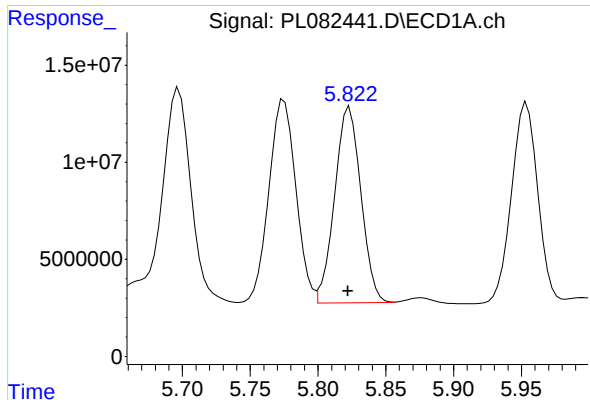
#8 Heptachlor epoxide

R.T.: 5.442 min
Delta R.T.: 0.001 min
Response: 160779507
Conc: 52.71 ng/ml



#8 Heptachlor epoxide

R.T.: 4.580 min
Delta R.T.: -0.003 min
Response: 133947977
Conc: 46.50 ng/ml



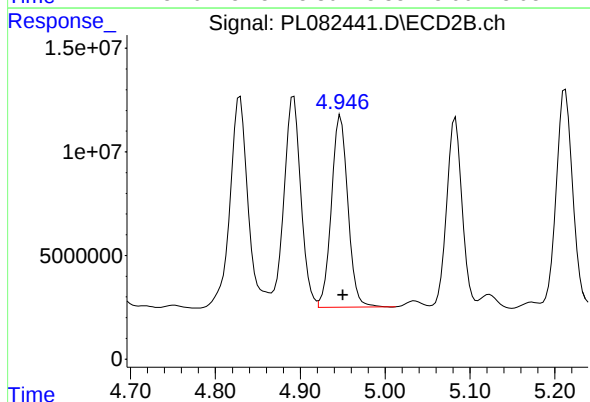
#9 Endosulfan I

R.T.: 5.823 min
Delta R.T.: 0.001 min
Response: 135984870
Conc: 49.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

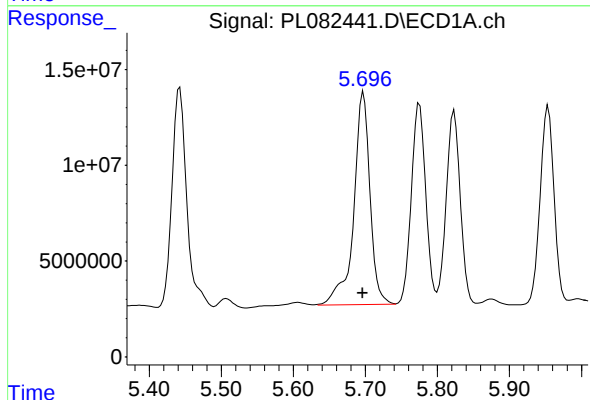
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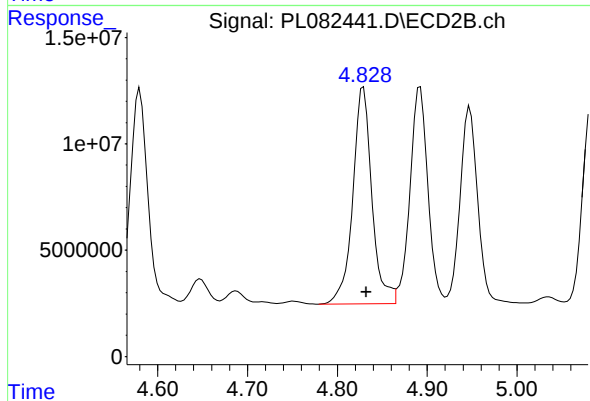
#9 Endosulfan I

R.T.: 4.948 min
Delta R.T.: -0.003 min
Response: 124441720
Conc: 46.62 ng/ml



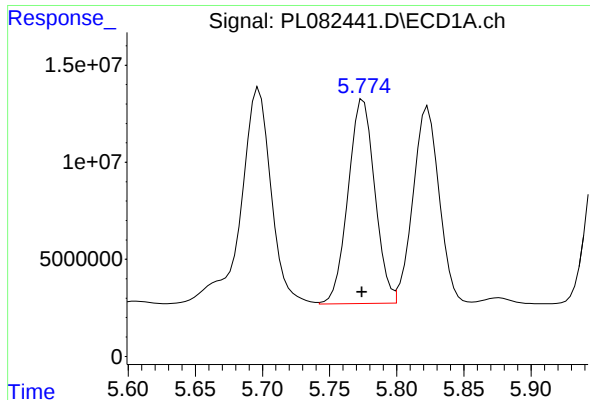
#10 gamma-Chlordane

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 173525175
Conc: 57.71 ng/ml m



#10 gamma-Chlordane

R.T.: 4.829 min
Delta R.T.: -0.003 min
Response: 150705941
Conc: 51.93 ng/ml



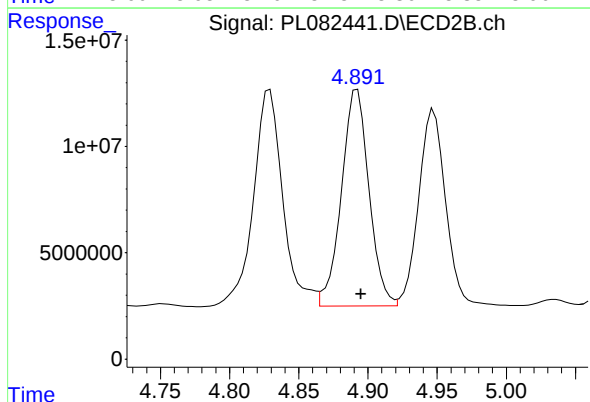
#11 alpha-Chlordane

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 146519066
Conc: 49.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

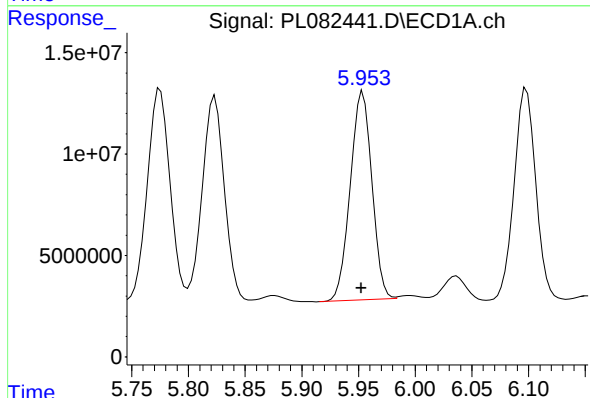
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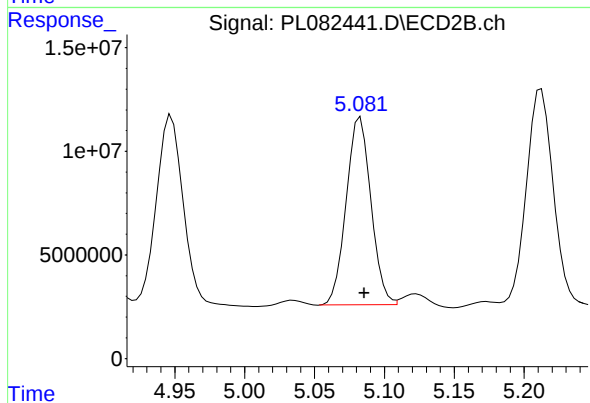
#11 alpha-Chlordane

R.T.: 4.892 min
Delta R.T.: -0.003 min
Response: 141349165
Conc: 48.69 ng/ml



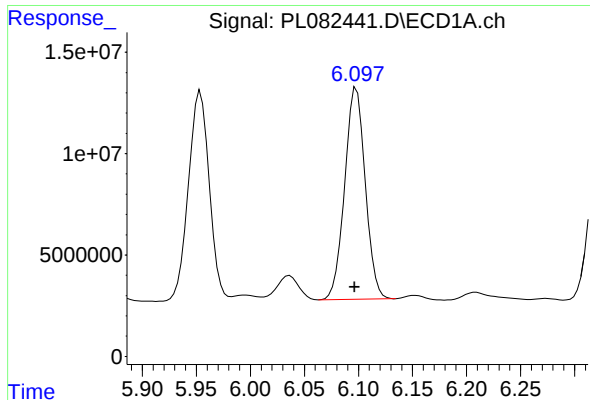
#12 4,4'-DDE

R.T.: 5.954 min
Delta R.T.: 0.002 min
Response: 136729740
Conc: 53.79 ng/ml



#12 4,4'-DDE

R.T.: 5.081 min
Delta R.T.: -0.004 min
Response: 111598309
Conc: 48.54 ng/ml m



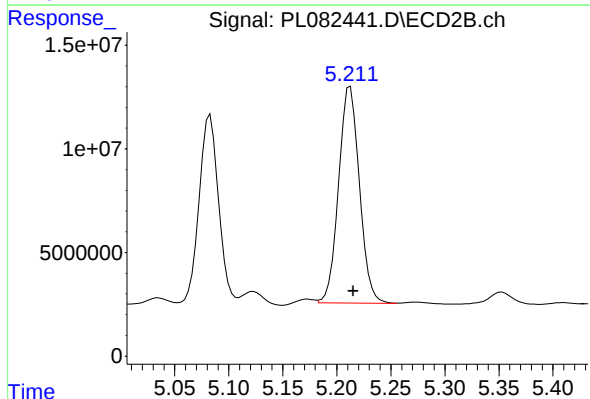
#13 Dieldrin

R.T.: 6.098 min
Delta R.T.: 0.002 min
Response: 138383813
Conc: 50.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

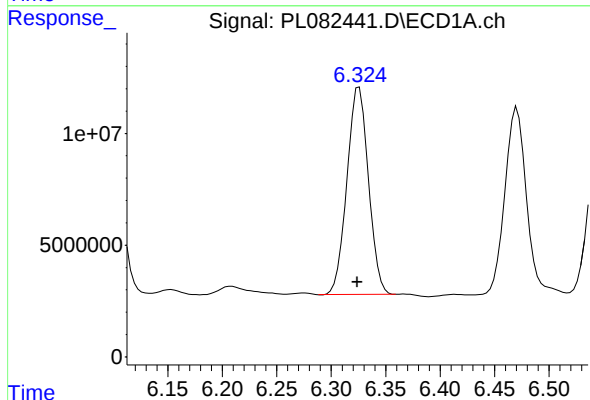
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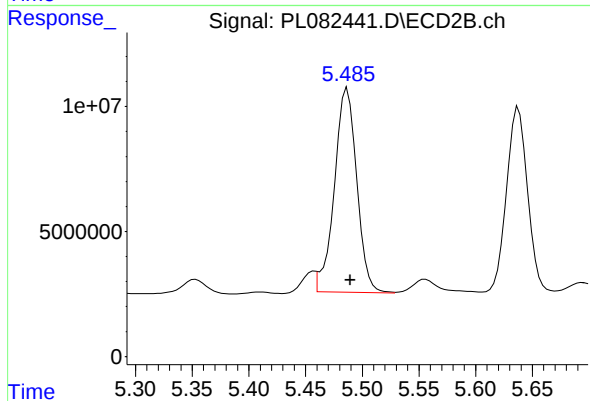
#13 Dieldrin

R.T.: 5.211 min
Delta R.T.: -0.004 min
Response: 139605553
Conc: 51.70 ng/ml m



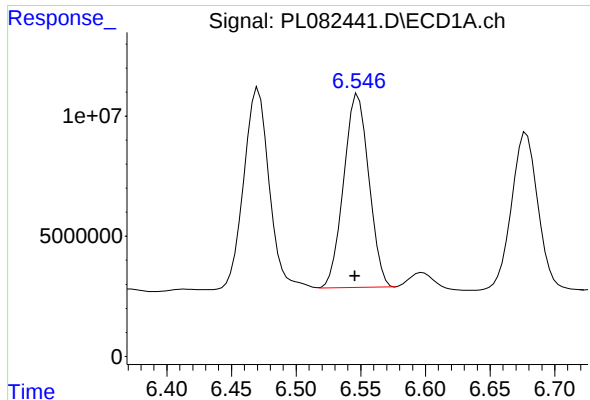
#14 Endrin

R.T.: 6.326 min
Delta R.T.: 0.002 min
Response: 127295182
Conc: 52.50 ng/ml



#14 Endrin

R.T.: 5.485 min
Delta R.T.: -0.004 min
Response: 111155967
Conc: 45.44 ng/ml m



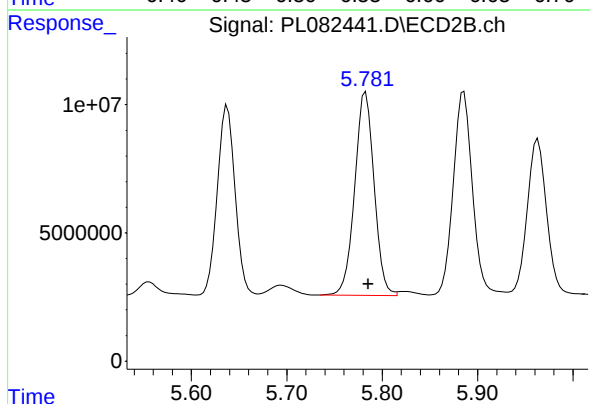
#15 Endosulfan II

R.T.: 6.548 min
Delta R.T.: 0.002 min
Response: 109082826
Conc: 44.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

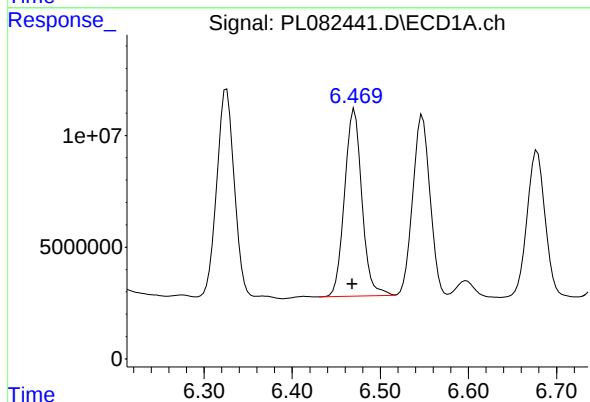
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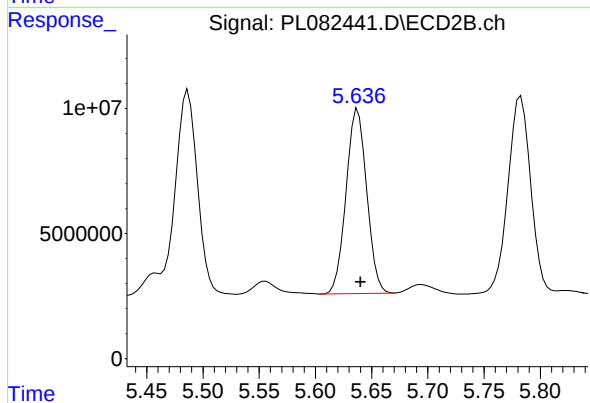
#15 Endosulfan II

R.T.: 5.781 min
Delta R.T.: -0.004 min
Response: 112776200
Conc: 50.03 ng/ml m



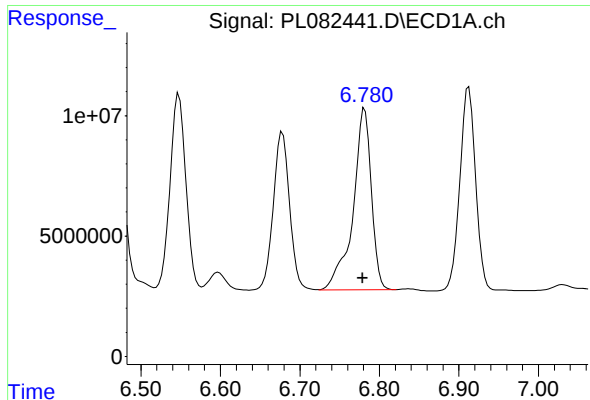
#16 4,4'-DDD

R.T.: 6.471 min
Delta R.T.: 0.003 min
Response: 114690639
Conc: 56.58 ng/ml



#16 4,4'-DDD

R.T.: 5.638 min
Delta R.T.: -0.003 min
Response: 94130897
Conc: 50.33 ng/ml



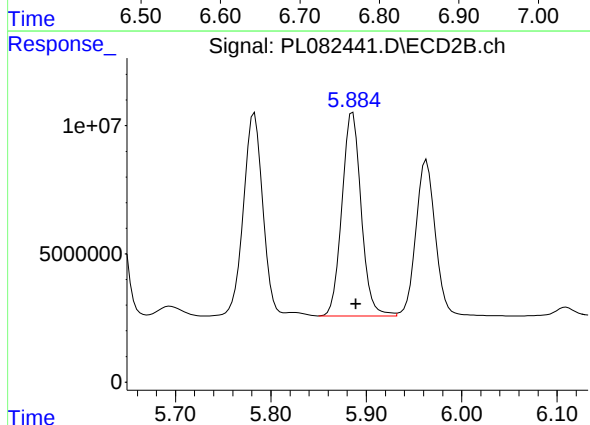
#17 4,4'-DDT

R.T.: 6.782 min
Delta R.T.: 0.003 min
Response: 120742613
Conc: 52.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

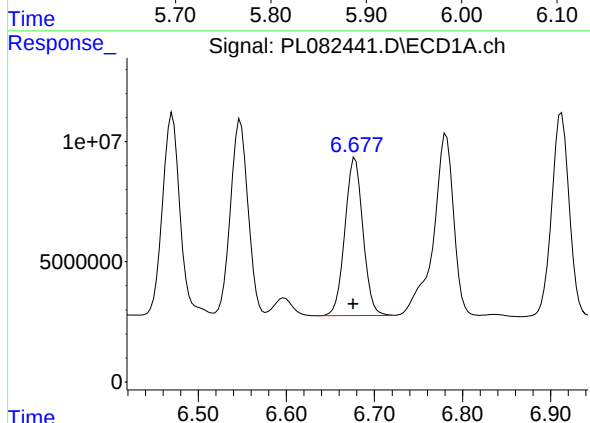
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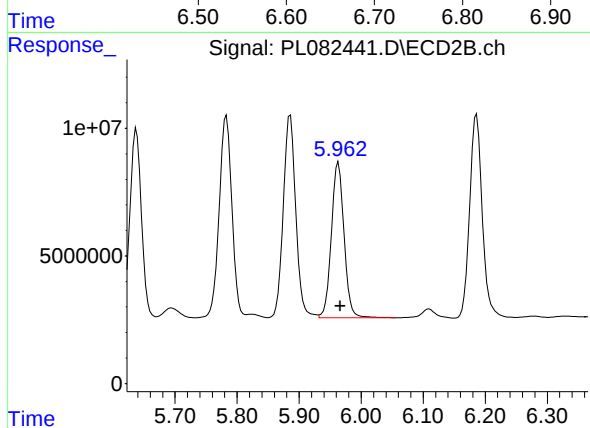
#17 4,4'-DDT

R.T.: 5.886 min
Delta R.T.: -0.003 min
Response: 111450088
Conc: 52.76 ng/ml



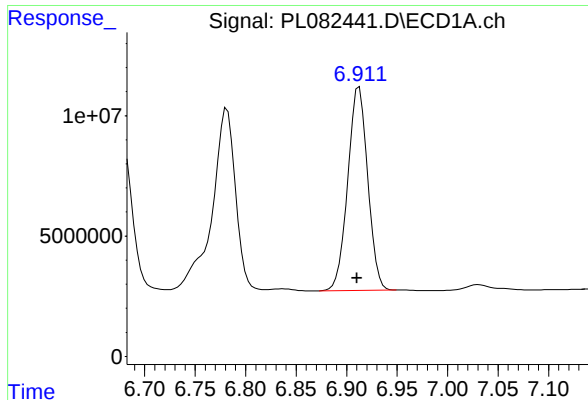
#18 Endrin aldehyde

R.T.: 6.678 min
Delta R.T.: 0.002 min
Response: 93813037
Conc: 49.79 ng/ml



#18 Endrin aldehyde

R.T.: 5.963 min
Delta R.T.: -0.003 min
Response: 86079440
Conc: 46.00 ng/ml



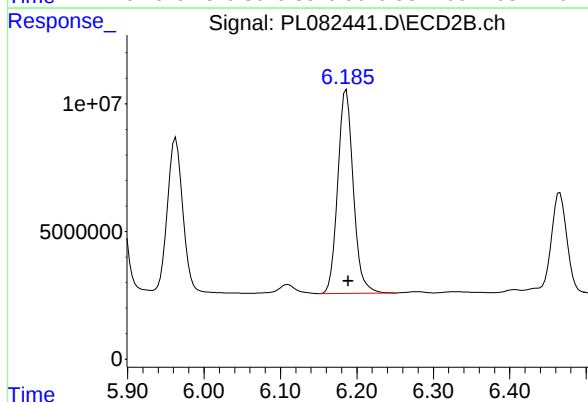
#19 Endosulfan Sulfate

R.T.: 6.912 min
Delta R.T.: 0.002 min
Response: 116589972
Conc: 49.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

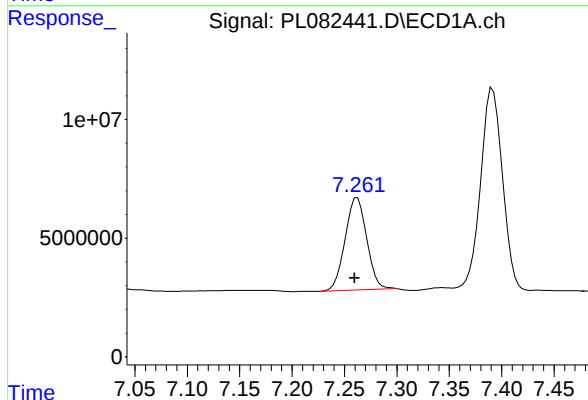
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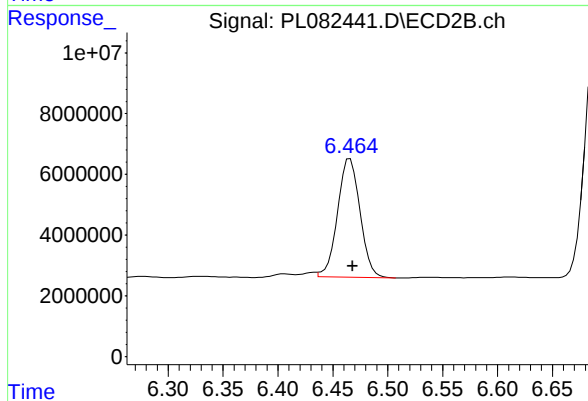
#19 Endosulfan Sulfate

R.T.: 6.186 min
Delta R.T.: -0.003 min
Response: 112544164
Conc: 47.80 ng/ml



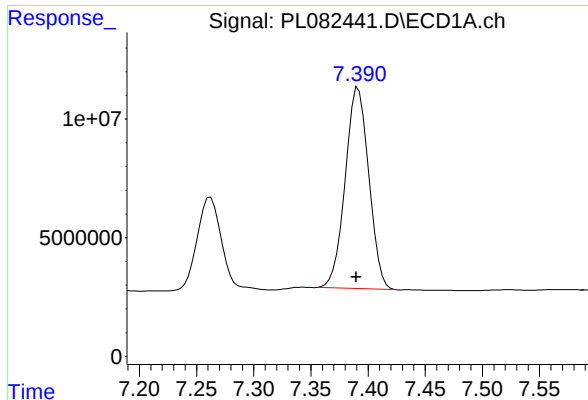
#20 Methoxychlor

R.T.: 7.262 min
Delta R.T.: 0.003 min
Response: 56206939
Conc: 46.06 ng/ml



#20 Methoxychlor

R.T.: 6.464 min
Delta R.T.: -0.004 min
Response: 55472425
Conc: 45.78 ng/ml m



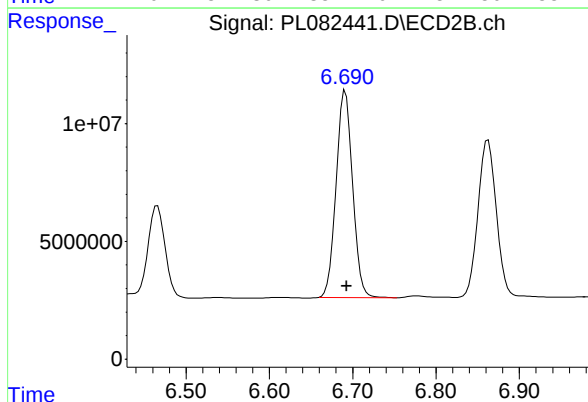
#21 Endrin ketone

R.T.: 7.391 min
Delta R.T.: 0.002 min
Response: 122091119
Conc: 50.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

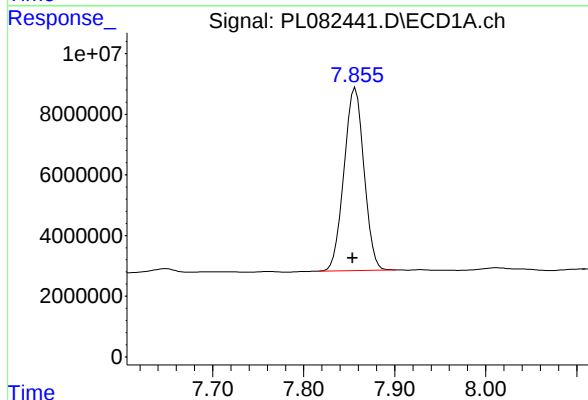
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/04/2023
Supervised By :Ankita Jodhani 05/04/2023



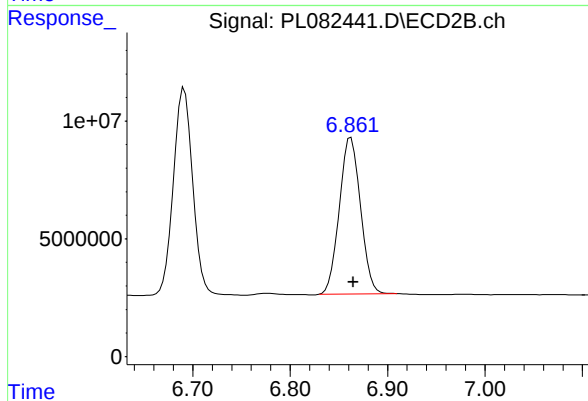
#21 Endrin ketone

R.T.: 6.691 min
Delta R.T.: -0.002 min
Response: 120633455
Conc: 47.53 ng/ml



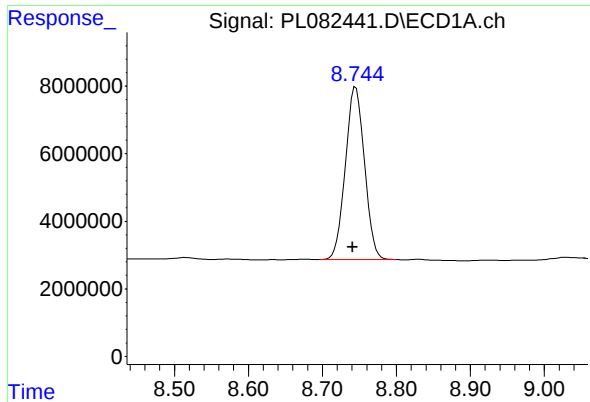
#22 Mirex

R.T.: 7.857 min
Delta R.T.: 0.003 min
Response: 92229155
Conc: 47.14 ng/ml



#22 Mirex

R.T.: 6.862 min
Delta R.T.: -0.003 min
Response: 100430780
Conc: 43.58 ng/ml



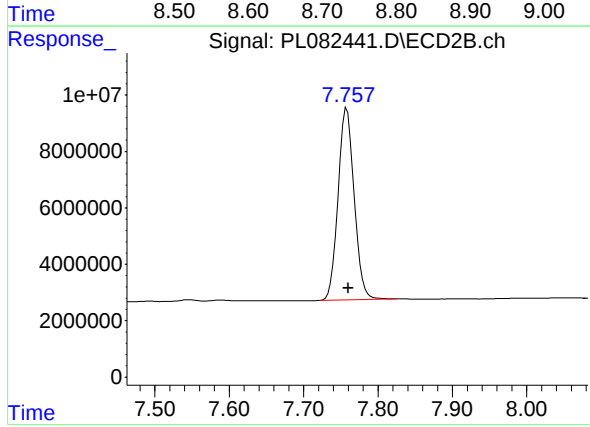
#28 Decachlorobiphenyl

R.T.: 8.745 min
Delta R.T.: 0.004 min
Response: 91673228
Conc: 48.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 05/04/2023



#28 Decachlorobiphenyl

R.T.: 7.758 min
Delta R.T.: -0.002 min
Response: 102337820
Conc: 44.84 ng/ml