

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092023\
 Data File : PL085435.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Sep 2023 16:37
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/21/2023
 Supervised By : Ankita Jodhani 09/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 00:19:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091923.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 20 10:25:09 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...	3.414	2.651	160.5E6	70673447	48.202	46.458
28)	SA Decachlor...	8.943	7.826	156.2E6	90620580	45.887	46.288
Target Compounds							
2)	A alpha-BHC	3.869	3.153	243.3E6	112.0E6	49.369	48.059
3)	MA gamma-BHC...	4.203	3.483	239.2E6	109.8E6	48.931	47.644
4)	MA Heptachlor	4.793	3.822	227.3E6	104.4E6	49.315	48.551
5)	MB Aldrin	5.134	4.101	231.7E6	110.2E6	47.858	47.109
6)	B beta-BHC	4.404	3.786	97896825	45153495	47.014	46.984
7)	B delta-BHC	4.649	4.013	235.9E6	111.9E6	49.463	48.464
8)	B Heptachlo...	5.563	4.607	207.4E6	97092259	48.334	46.960
9)	A Endosulfan I	5.949	4.976	195.1E6	93795579	47.322	46.088
10)	B gamma-Chl...	5.821	4.860	207.5E6	100.8E6	47.320	47.511
11)	B alpha-Chl...	5.901	4.924	207.4E6	101.6E6	47.177	46.667
12)	B 4,4'-DDE	6.082	5.123	190.5E6	96391237	47.750	47.622
13)	MA Dieldrin	6.226	5.243	208.1E6	104.1E6	47.968	47.613
14)	MA Endrin	6.455	5.518	174.8E6	91283913	48.718	48.729
15)	B Endosulfa...	6.677	5.816	182.0E6	91905852	45.989	46.868
16)	A 4,4'-DDD	6.602	5.681	156.6E6	81642472	48.075	47.465
17)	MA 4,4'-DDT	6.918	5.933	168.5E6	88254758	46.939	48.438
18)	B Endrin al...	6.807	5.998	132.2E6	71027385	45.396m	44.829
19)	B Endosulfa...	7.045	6.223	172.1E6	88235413	47.070	46.917
20)	A Methoxychlor	7.403	6.519	98996751	50279297	45.172	47.399
21)	B Endrin ke...	7.528	6.727	193.1E6	112.9E6	47.579	45.215
22)	Mirex	8.003	6.906	141.2E6	83565576	44.430	45.965

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092023\
Data File : PL085435.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Sep 2023 16:37
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

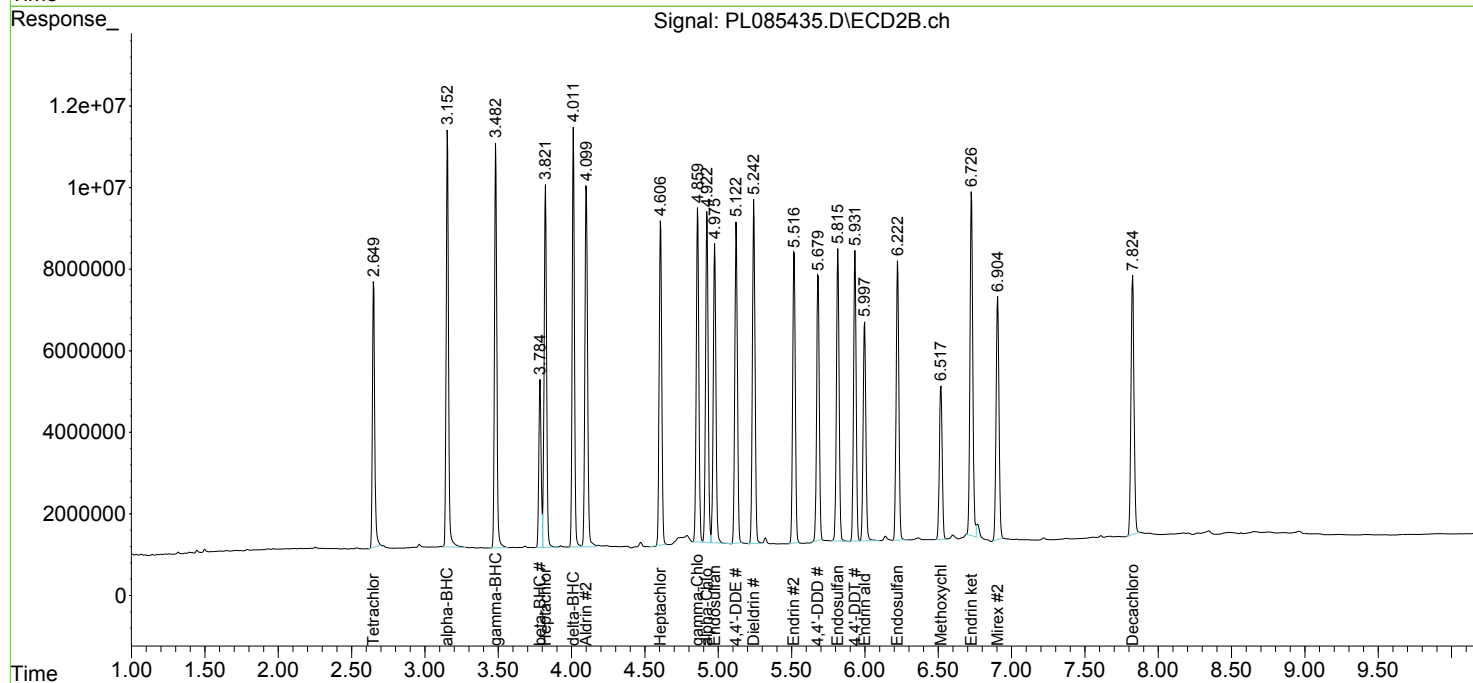
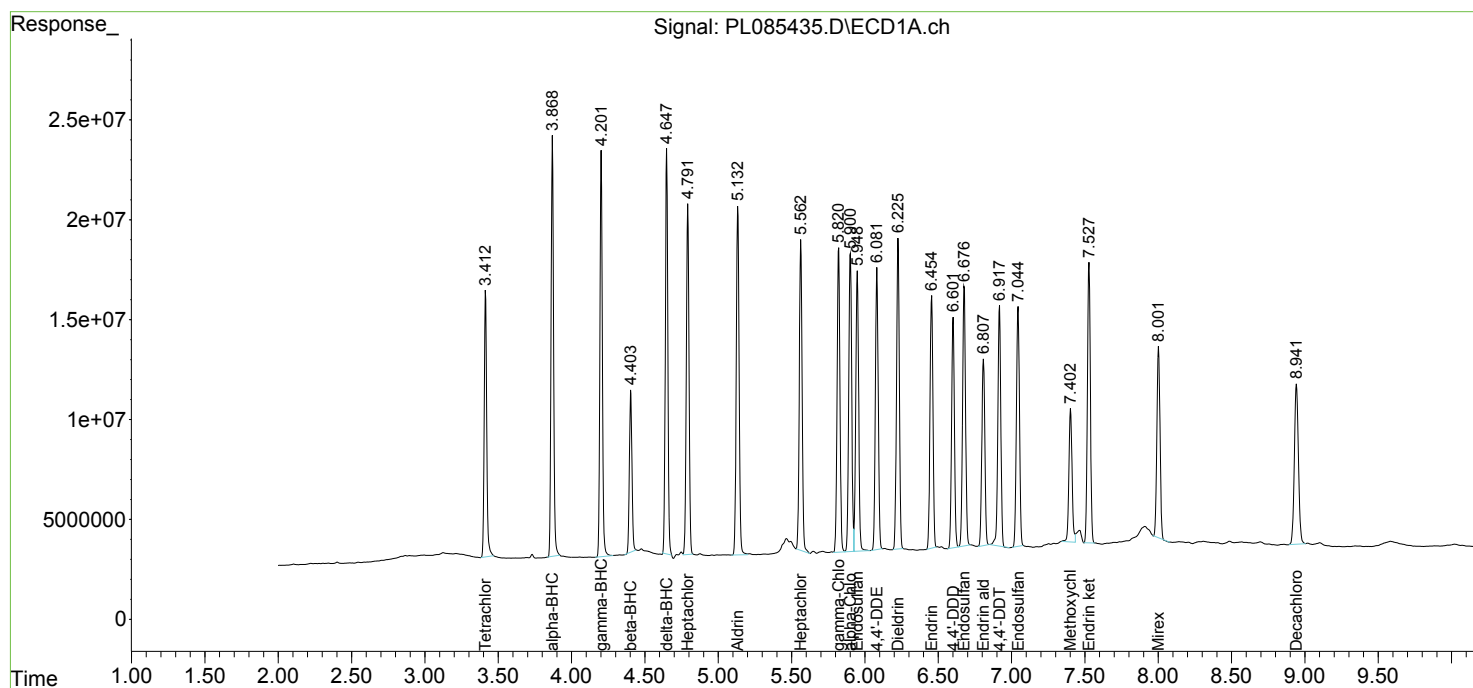
APPROVED

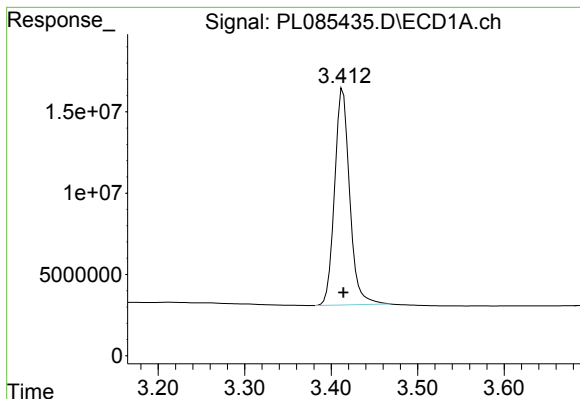
Reviewed By :Abdul Mirza 09/21/2023

Supervised By :Ankita Jodhani 09/21/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 21 00:19:13 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091923.M
Quant Title : GC Extractables
QLast Update : Wed Sep 20 10:25:09 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





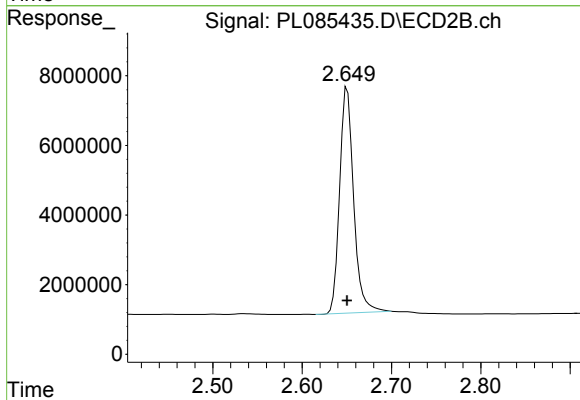
#1 Tetrachloro-m-xylene

R.T.: 3.414 min
Delta R.T.: 0.000 min
Response: 160539048
Conc: 48.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

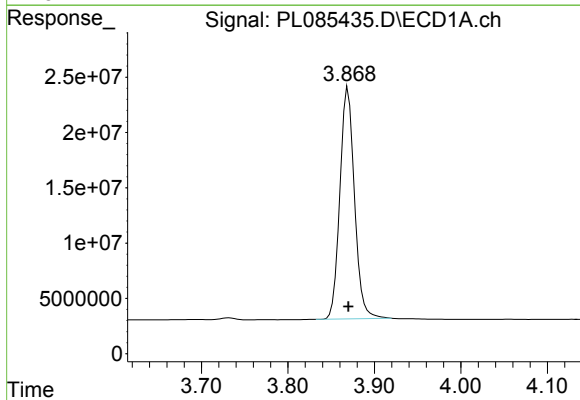
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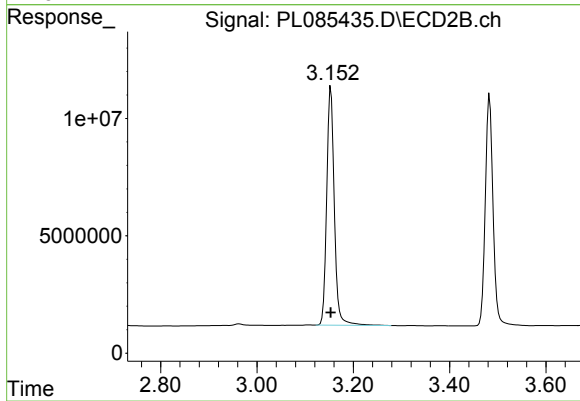
#1 Tetrachloro-m-xylene

R.T.: 2.651 min
Delta R.T.: 0.000 min
Response: 70673447
Conc: 46.46 ng/ml



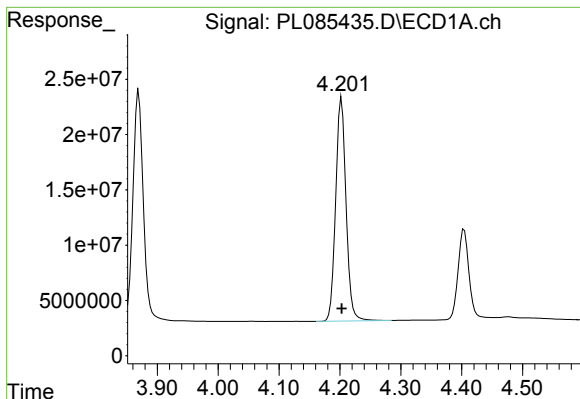
#2 alpha-BHC

R.T.: 3.869 min
Delta R.T.: 0.000 min
Response: 243301337
Conc: 49.37 ng/ml



#2 alpha-BHC

R.T.: 3.153 min
Delta R.T.: 0.000 min
Response: 111982182
Conc: 48.06 ng/ml



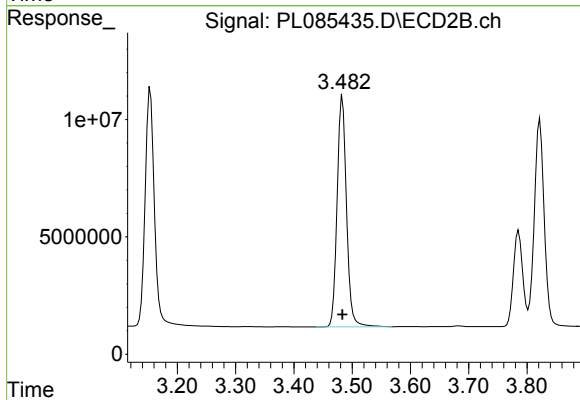
#3 gamma-BHC (Lindane)

R.T.: 4.203 min
Delta R.T.: 0.000 min
Response: 239166079
Conc: 48.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

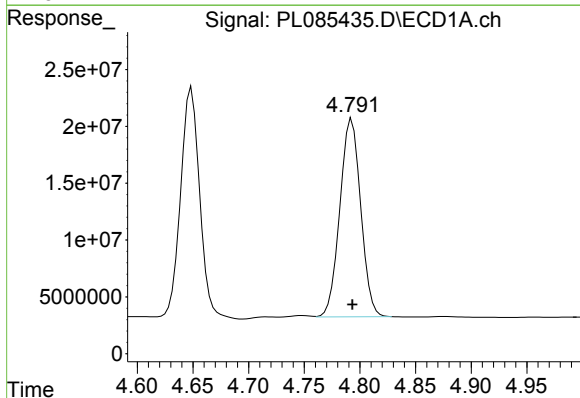
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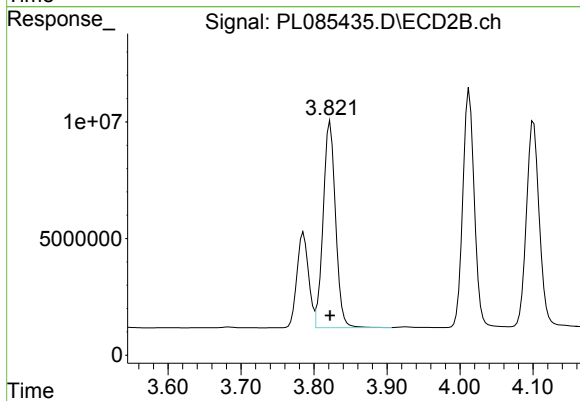
#3 gamma-BHC (Lindane)

R.T.: 3.483 min
Delta R.T.: 0.000 min
Response: 109750900
Conc: 47.64 ng/ml



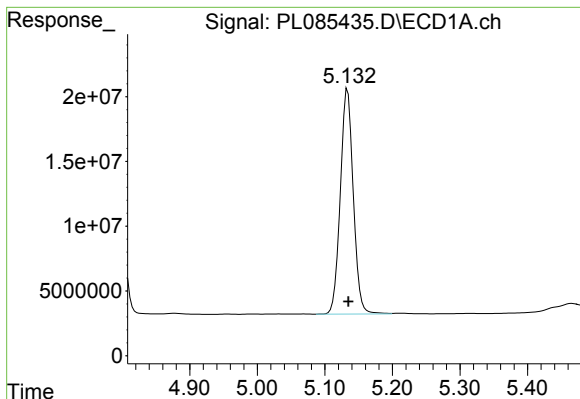
#4 Heptachlor

R.T.: 4.793 min
Delta R.T.: 0.000 min
Response: 227297018
Conc: 49.31 ng/ml



#4 Heptachlor

R.T.: 3.822 min
Delta R.T.: 0.000 min
Response: 104413430
Conc: 48.55 ng/ml



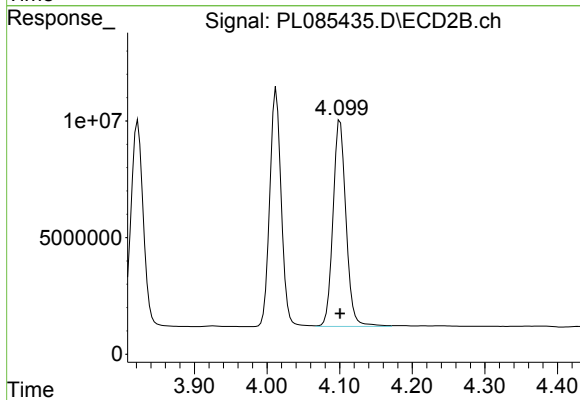
#5 Aldrin

R.T.: 5.134 min
Delta R.T.: 0.000 min
Response: 231665228
Conc: 47.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

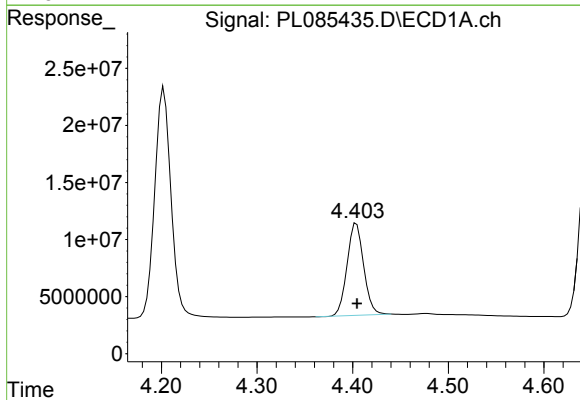
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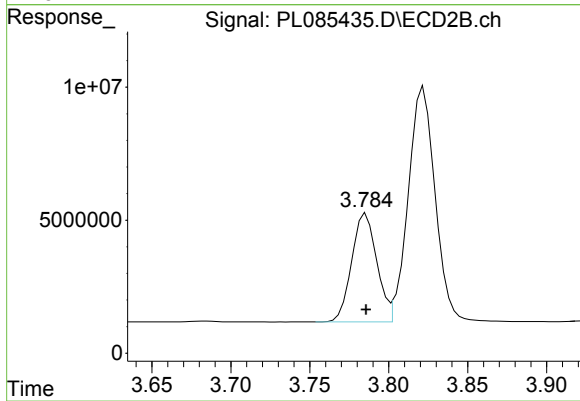
#5 Aldrin

R.T.: 4.101 min
Delta R.T.: 0.000 min
Response: 110198496
Conc: 47.11 ng/ml



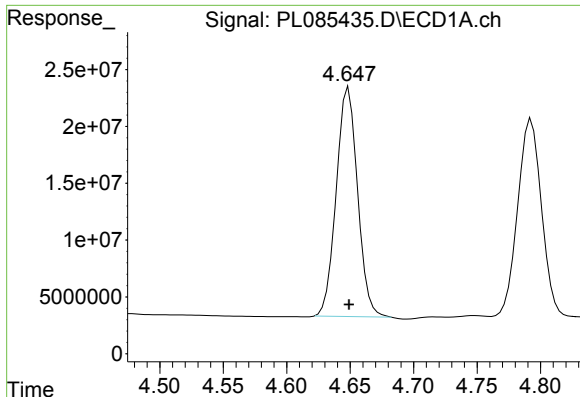
#6 beta-BHC

R.T.: 4.404 min
Delta R.T.: 0.000 min
Response: 97896825
Conc: 47.01 ng/ml



#6 beta-BHC

R.T.: 3.786 min
Delta R.T.: 0.000 min
Response: 45153495
Conc: 46.98 ng/ml



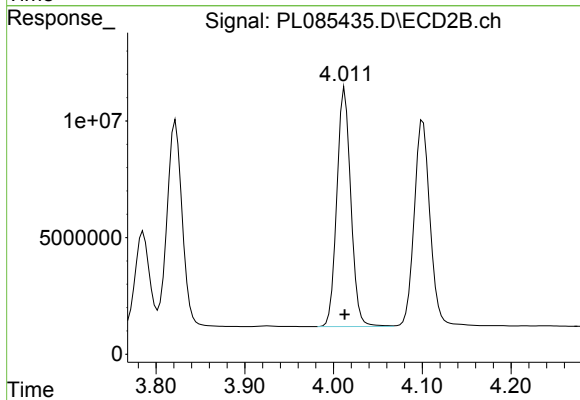
#7 delta-BHC

R.T.: 4.649 min
Delta R.T.: 0.000 min
Response: 235932952
Conc: 49.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

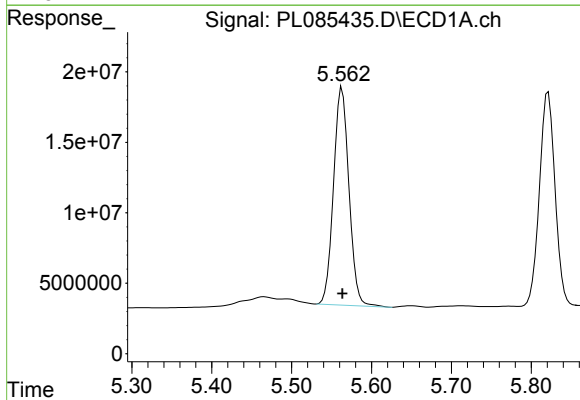
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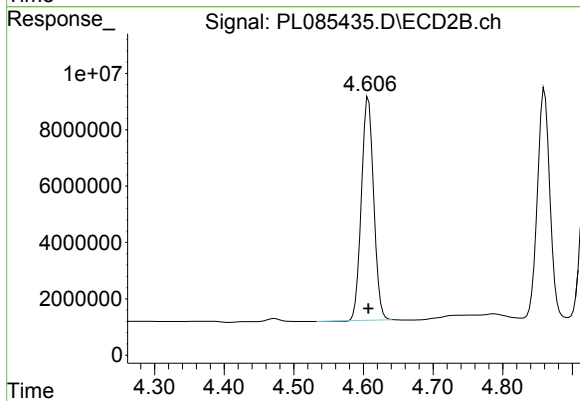
#7 delta-BHC

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 111908936
Conc: 48.46 ng/ml



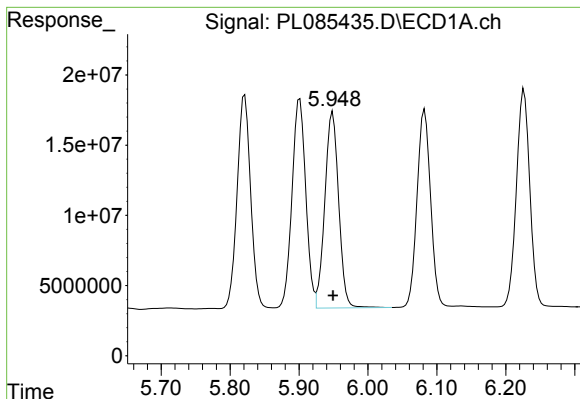
#8 Heptachlor epoxide

R.T.: 5.563 min
Delta R.T.: 0.000 min
Response: 207396540
Conc: 48.33 ng/ml



#8 Heptachlor epoxide

R.T.: 4.607 min
Delta R.T.: 0.000 min
Response: 97092259
Conc: 46.96 ng/ml



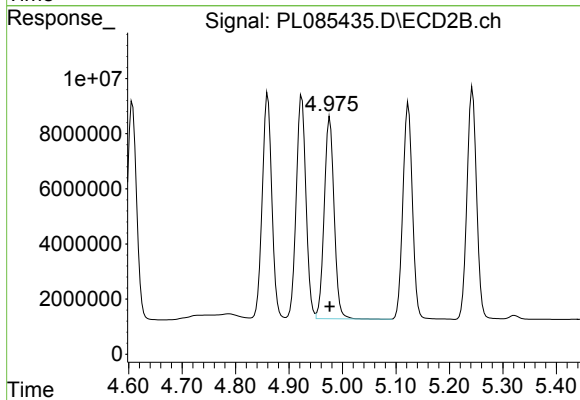
#9 Endosulfan I

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 195060226
Conc: 47.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

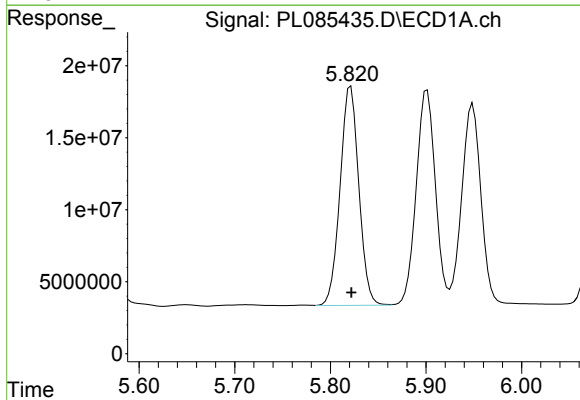
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Supervised By :Ankita Jodhani 09/21/2023



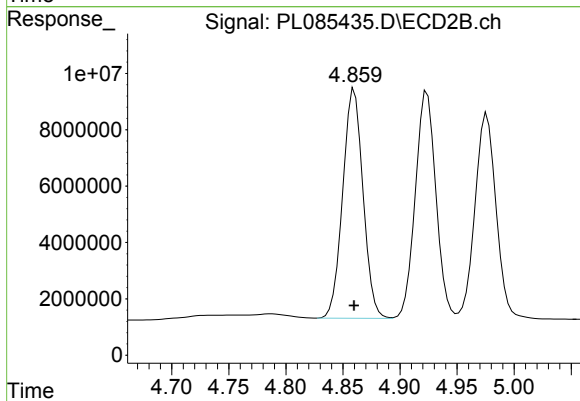
#9 Endosulfan I

R.T.: 4.976 min
Delta R.T.: 0.000 min
Response: 93795579
Conc: 46.09 ng/ml



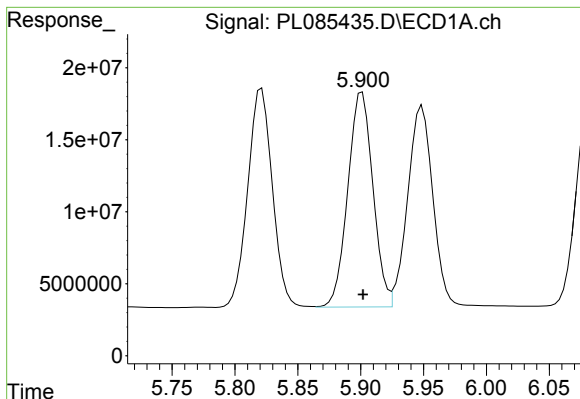
#10 gamma-Chlordane

R.T.: 5.821 min
Delta R.T.: 0.000 min
Response: 207538732
Conc: 47.32 ng/ml



#10 gamma-Chlordane

R.T.: 4.860 min
Delta R.T.: 0.000 min
Response: 100759984
Conc: 47.51 ng/ml



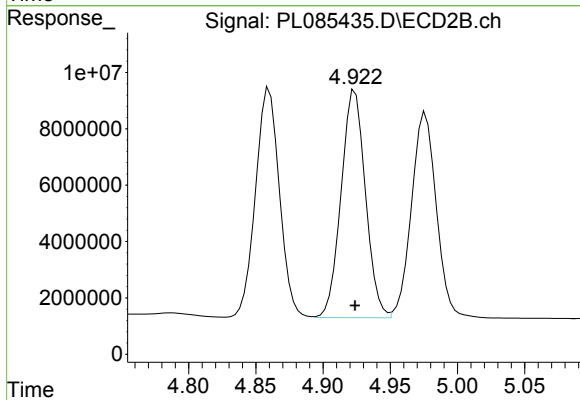
#11 alpha-Chlordane

R.T.: 5.901 min
Delta R.T.: 0.000 min
Response: 207381270
Conc: 47.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

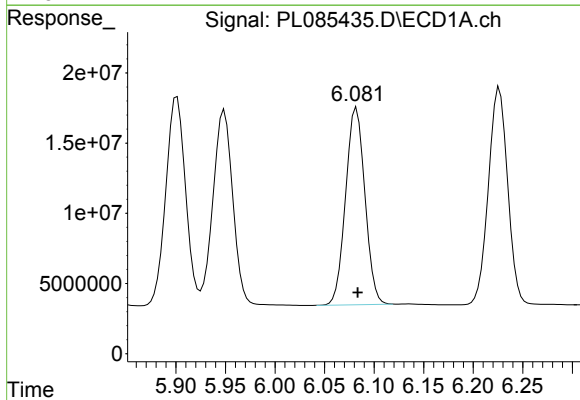
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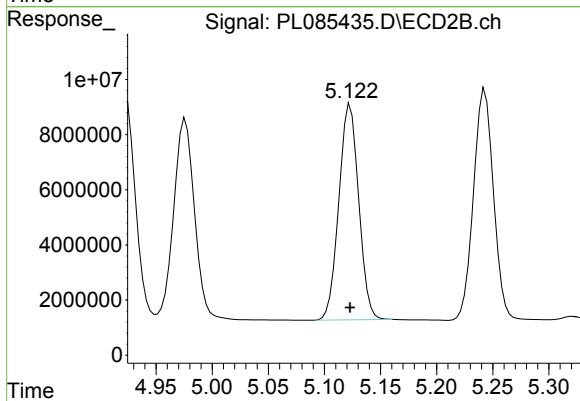
#11 alpha-Chlordane

R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 101586898
Conc: 46.67 ng/ml



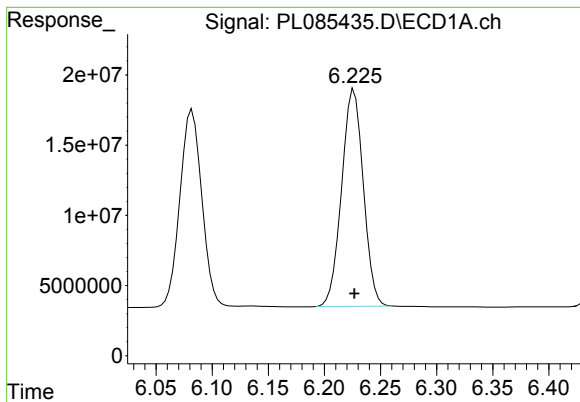
#12 4,4'-DDE

R.T.: 6.082 min
Delta R.T.: -0.001 min
Response: 190499666
Conc: 47.75 ng/ml



#12 4,4'-DDE

R.T.: 5.123 min
Delta R.T.: 0.000 min
Response: 96391237
Conc: 47.62 ng/ml



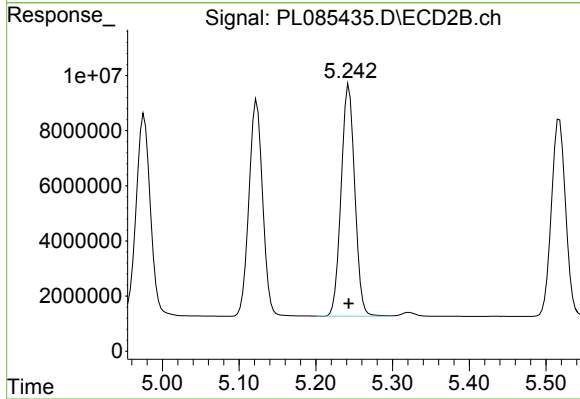
#13 Dieldrin

R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 208072825
Conc: 47.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

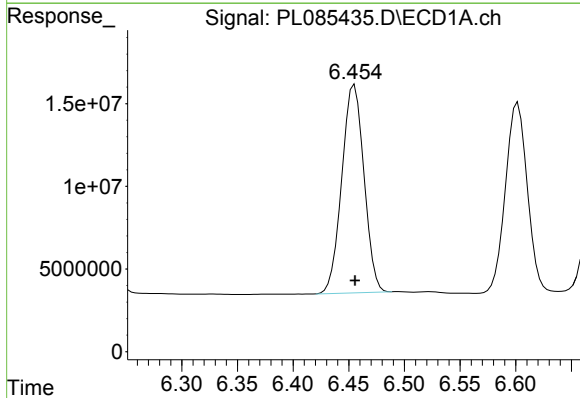
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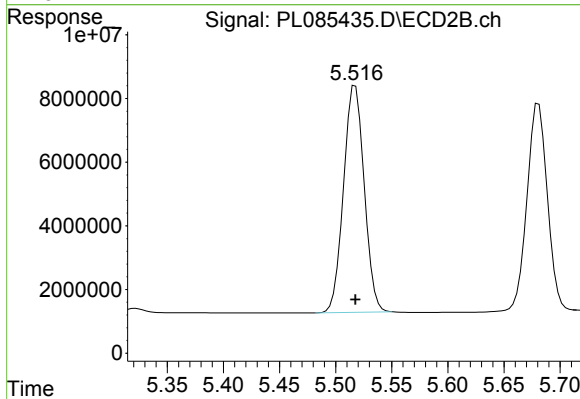
#13 Dieldrin

R.T.: 5.243 min
Delta R.T.: 0.000 min
Response: 104135675
Conc: 47.61 ng/ml



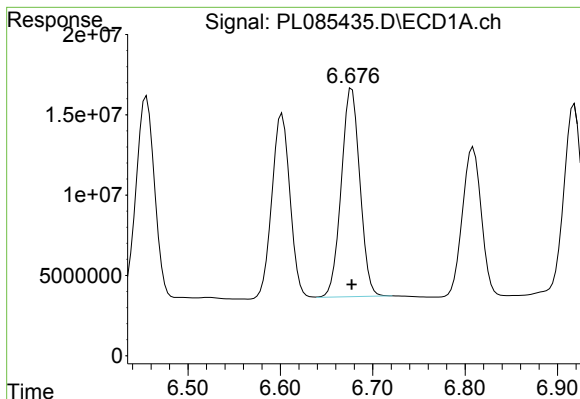
#14 Endrin

R.T.: 6.455 min
Delta R.T.: 0.000 min
Response: 174804099
Conc: 48.72 ng/ml



#14 Endrin

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 91283913
Conc: 48.73 ng/ml



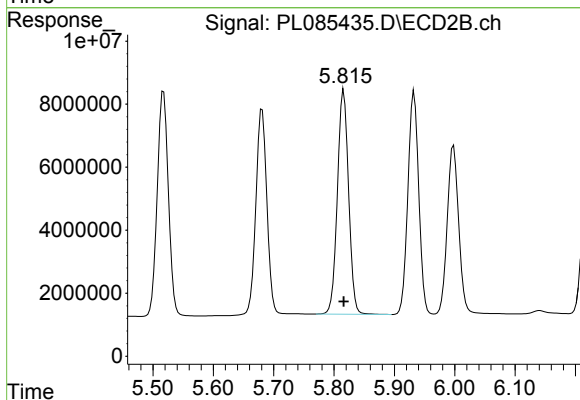
#15 Endosulfan II

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 181961467
Conc: 45.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

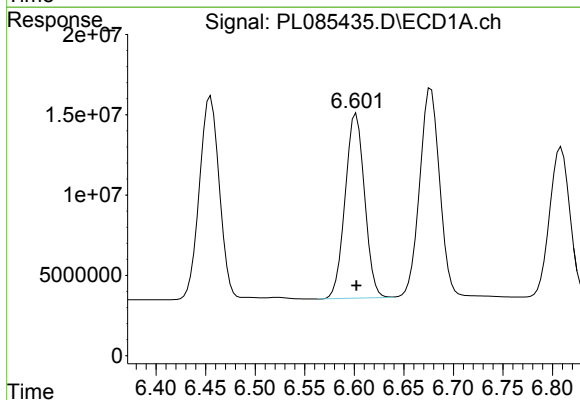
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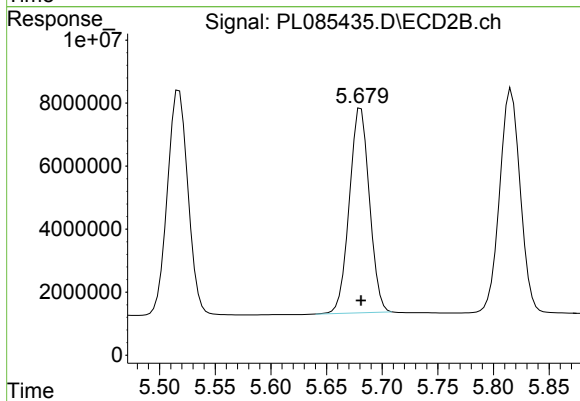
#15 Endosulfan II

R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 91905852
Conc: 46.87 ng/ml



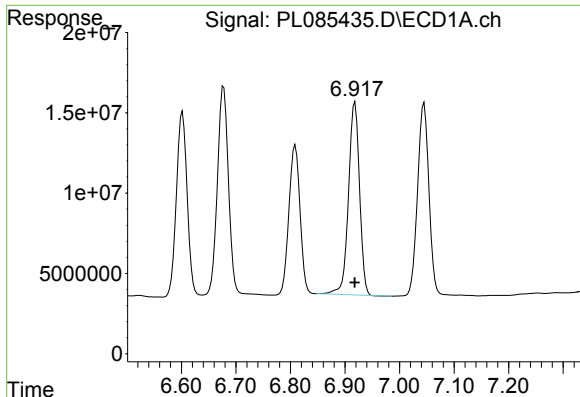
#16 4,4'-DDD

R.T.: 6.602 min
Delta R.T.: 0.000 min
Response: 156643128
Conc: 48.07 ng/ml



#16 4,4'-DDD

R.T.: 5.681 min
Delta R.T.: 0.000 min
Response: 81642472
Conc: 47.46 ng/ml



#17 4,4'-DDT

R.T.: 6.918 min
Delta R.T.: 0.000 min
Response: 168514797
Conc: 46.94 ng/ml

Instrument :

ECD_L

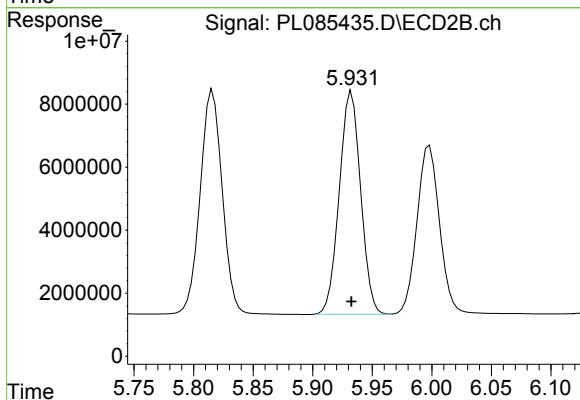
ClientSampleId :

PSTDCCC050

Manual Integrations

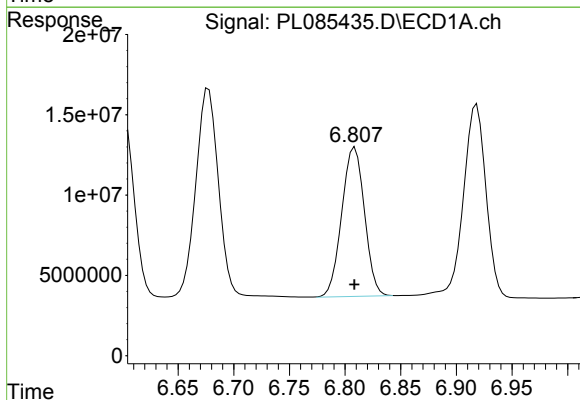
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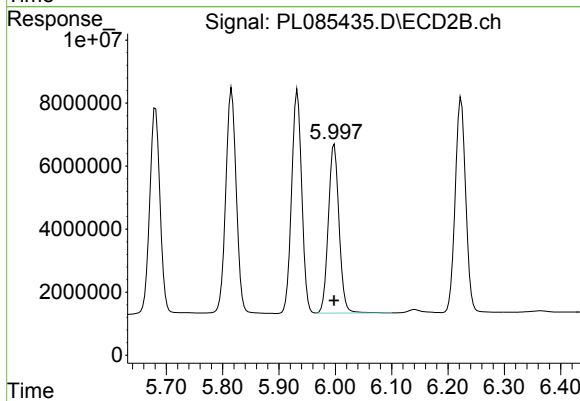
#17 4,4'-DDT

R.T.: 5.933 min
Delta R.T.: 0.000 min
Response: 88254758
Conc: 48.44 ng/ml



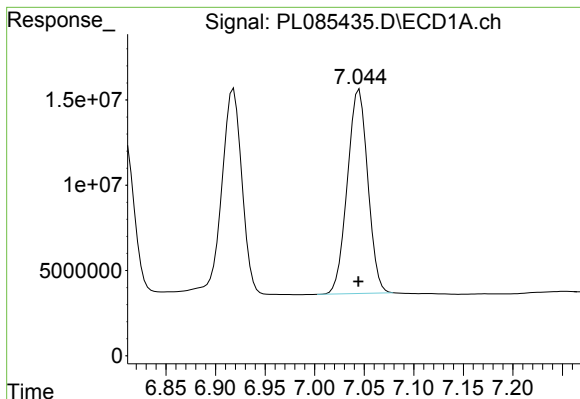
#18 Endrin aldehyde

R.T.: 6.807 min
Delta R.T.: -0.001 min
Response: 132213157
Conc: 45.40 ng/ml m



#18 Endrin aldehyde

R.T.: 5.998 min
Delta R.T.: 0.000 min
Response: 71027385
Conc: 44.83 ng/ml



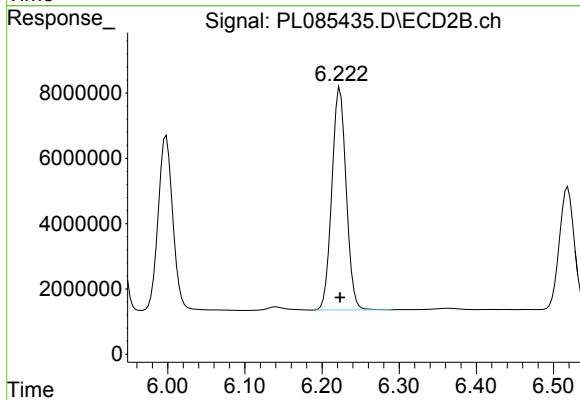
#19 Endosulfan Sulfate

R.T.: 7.045 min
Delta R.T.: 0.000 min
Response: 172104967
Conc: 47.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

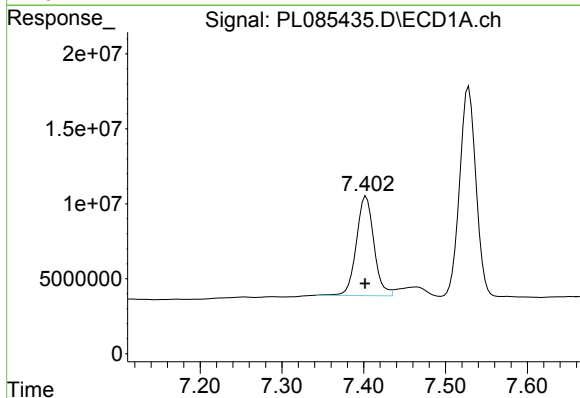
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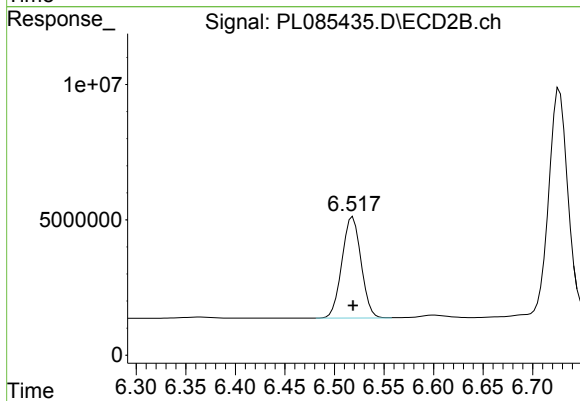
#19 Endosulfan Sulfate

R.T.: 6.223 min
Delta R.T.: 0.000 min
Response: 88235413
Conc: 46.92 ng/ml



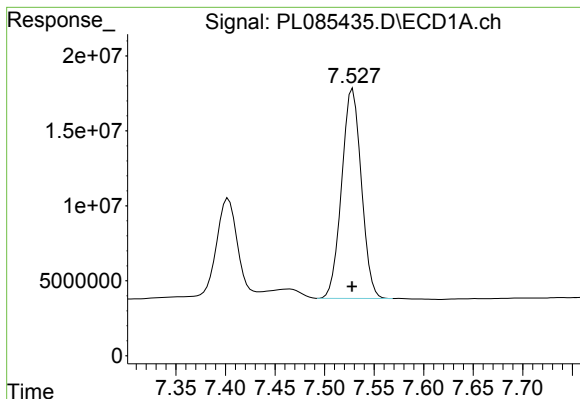
#20 Methoxychlor

R.T.: 7.403 min
Delta R.T.: 0.002 min
Response: 98996751
Conc: 45.17 ng/ml



#20 Methoxychlor

R.T.: 6.519 min
Delta R.T.: 0.000 min
Response: 50279297
Conc: 47.40 ng/ml



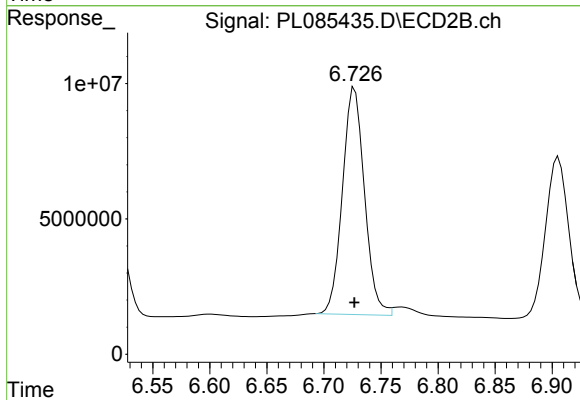
#21 Endrin ketone

R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 193142308
Conc: 47.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

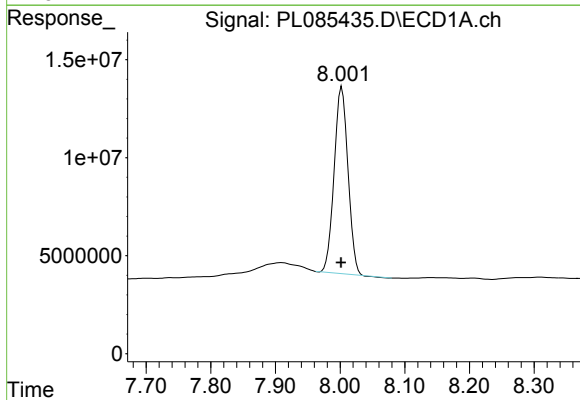
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Reviewed By :Abdul Mirza 09/21/2023
Supervised By :Ankita Jodhani 09/21/2023



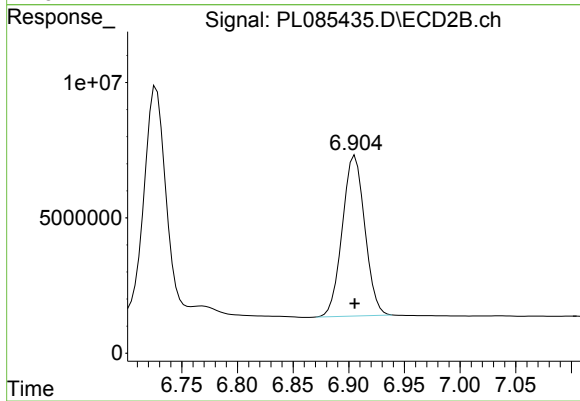
#21 Endrin ketone

R.T.: 6.727 min
Delta R.T.: 0.000 min
Response: 112902457
Conc: 45.22 ng/ml



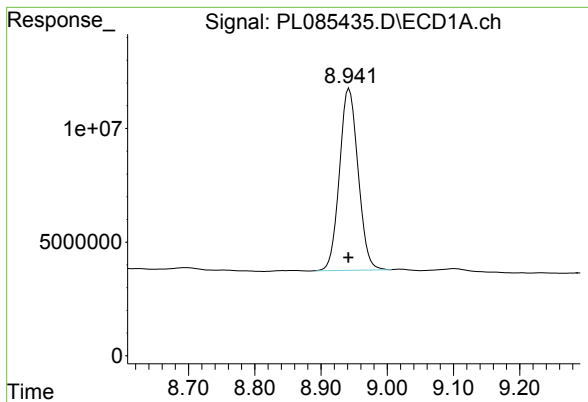
#22 Mirex

R.T.: 8.003 min
Delta R.T.: 0.001 min
Response: 141241908
Conc: 44.43 ng/ml



#22 Mirex

R.T.: 6.906 min
Delta R.T.: 0.000 min
Response: 83565576
Conc: 45.96 ng/ml



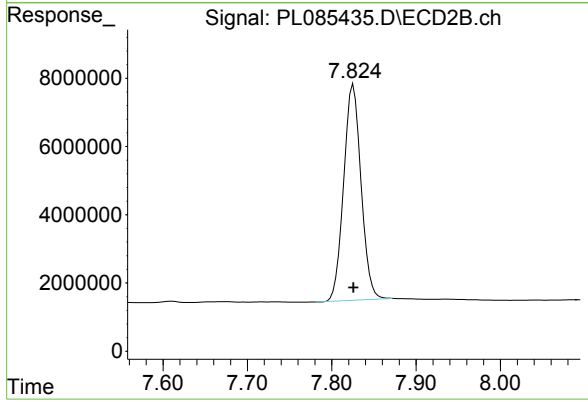
#28 Decachlorobiphenyl

R.T.: 8.943 min
Delta R.T.: 0.001 min
Response: 156190800
Conc: 45.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/21/2023
Supervised By :Ankita Jodhani 09/21/2023



#28 Decachlorobiphenyl

R.T.: 7.826 min
Delta R.T.: 0.000 min
Response: 90620580
Conc: 46.29 ng/ml