

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062023\
 Data File : PL083571.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2023 12:02
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/21/2023
 Supervised By : Ankita Jodhani 06/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 22:28:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061723.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 17 12:34:26 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...	3.453	2.752	104.2E6	110.6E6	47.142	47.501
28)	SA Decachlor...	8.991	7.961	95120819	114.8E6	49.918	46.738
Target Compounds							
2)	A alpha-BHC	3.909	3.262	147.9E6	165.4E6	47.516	48.985
3)	MA gamma-BHC...	4.243	3.595	137.0E6	195.2E6	48.041	60.789m#
4)	MA Heptachlor	4.835	3.942	131.9E6	150.9E6	47.719	48.740
5)	MB Aldrin	5.177	4.225	128.6E6	149.7E6	49.493	49.729
6)	B beta-BHC	4.441	3.897	62139177	72003715	48.029	48.247
7)	B delta-BHC	4.688	4.128	134.6E6	160.7E6	48.833	49.852
8)	B Heptachlo...	5.605	4.732	120.8E6	142.5E6	47.594	49.628m
9)	A Endosulfan I	5.990	5.106	109.3E6	133.4E6	49.041	49.499
10)	B gamma-Chl...	5.862	4.988	118.3E6	147.5E6	49.187	49.853
11)	B alpha-Chl...	5.941	5.052	116.7E6	147.0E6	49.265	49.703
12)	B 4,4'-DDE	6.120	5.250	103.2E6	130.8E6	51.143	51.185
13)	MA Dieldrin	6.267	5.375	113.0E6	144.3E6	50.327	51.444
14)	MA Endrin	6.496	5.650	95682275	124.2E6	54.215	53.790
15)	B Endosulfa...	6.715	5.948	94498404	115.5E6	50.629	48.665
16)	A 4,4'-DDD	6.638	5.809	93427031	121.1E6	54.718	54.902
17)	MA 4,4'-DDT	6.954	6.062	83098716	99382430	49.356	47.601
18)	B Endrin al...	6.845	6.130	74347163	92313159	50.154m	48.843
19)	B Endosulfa...	7.082	6.354	98205826	122.2E6	51.138	50.450
20)	A Methoxychlor	7.435	6.647	46845592	58584582	51.645	48.611
21)	B Endrin ke...	7.567	6.861	107.7E6	138.1E6	50.250	49.123
22)	Mirex	8.042	7.048	91831775	114.0E6	49.202	47.370

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062023\
Data File : PL083571.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jun 2023 12:02
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

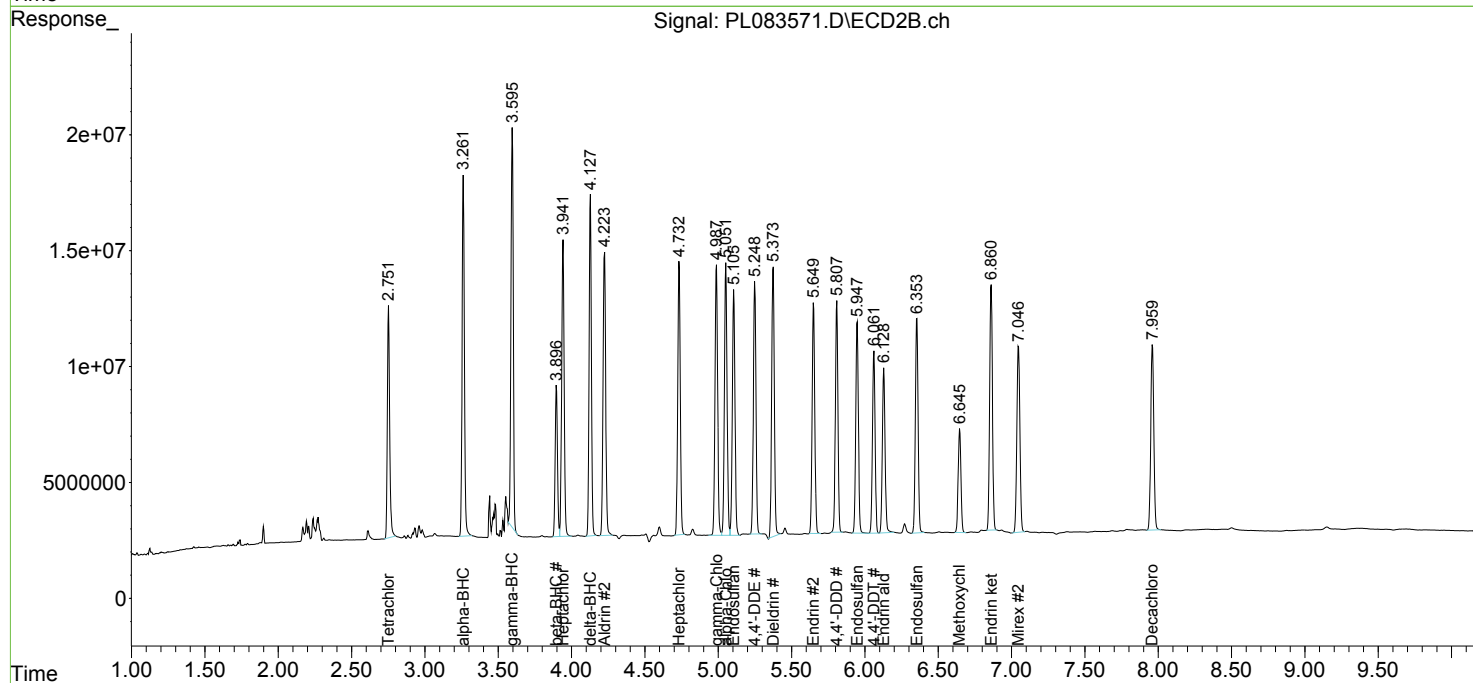
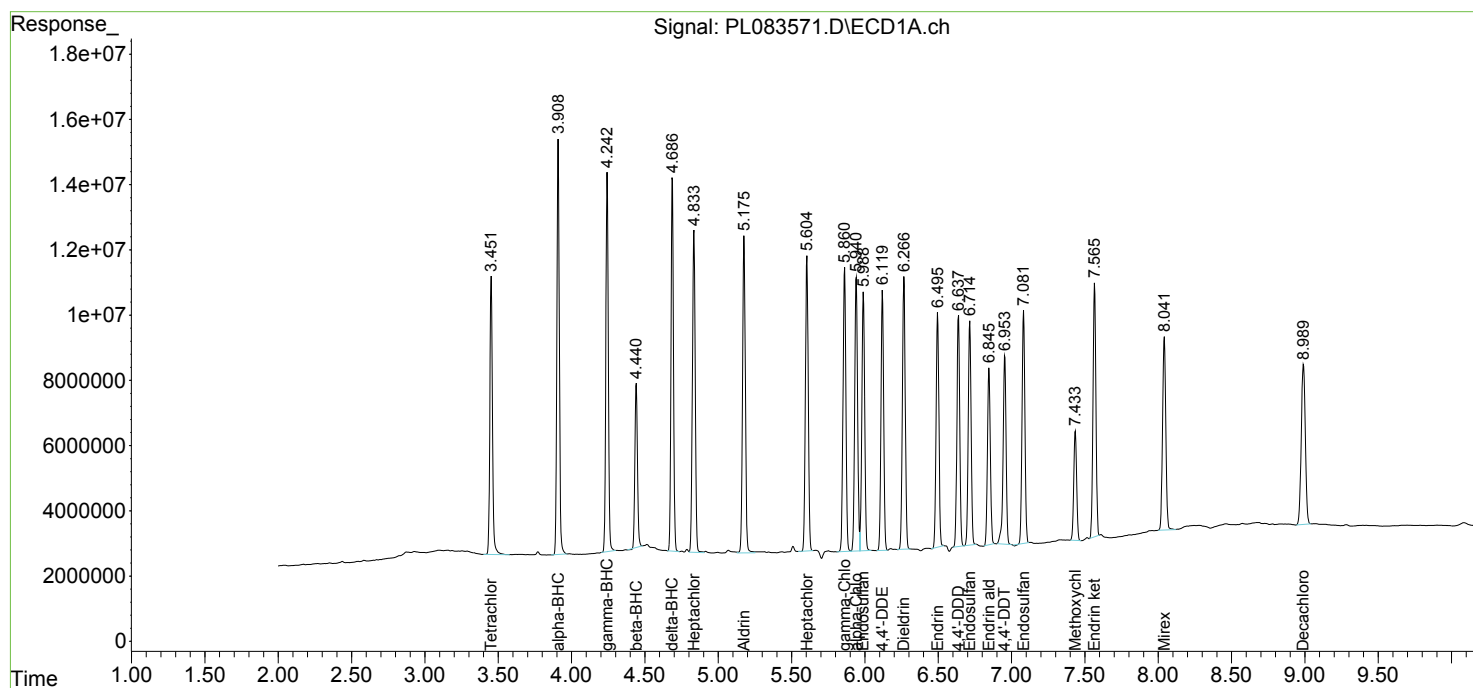
APPROVED

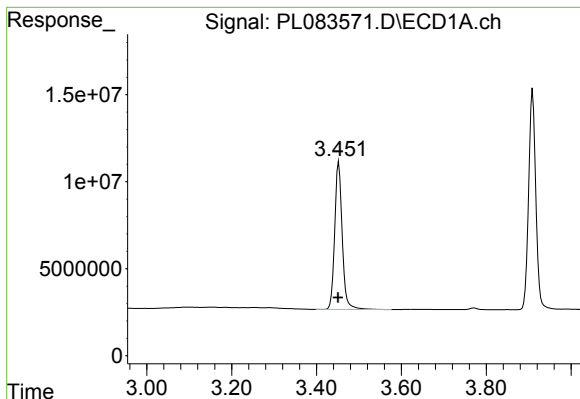
Reviewed By :Abdul Mirza 06/21/2023

Supervised By :Ankita Jodhani 06/21/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 20 22:28:11 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061723.M
Quant Title : GC Extractables
QLast Update : Sat Jun 17 12:34:26 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





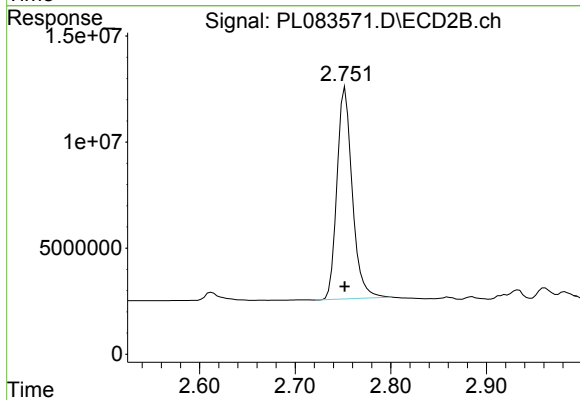
#1 Tetrachloro-m-xylene

R.T.: 3.453 min
Delta R.T.: 0.002 min
Response: 104199582
Conc: 47.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

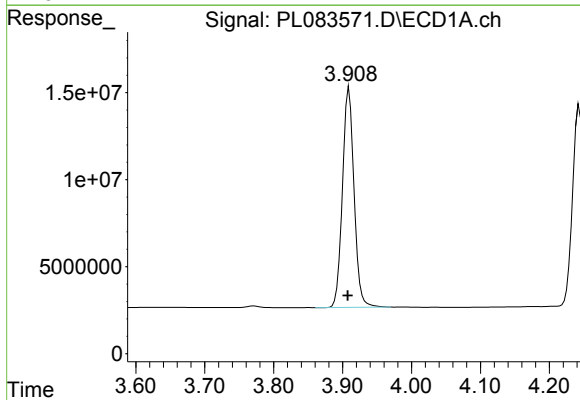
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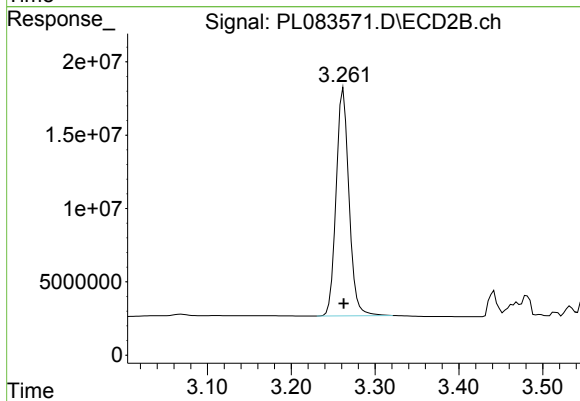
#1 Tetrachloro-m-xylene

R.T.: 2.752 min
Delta R.T.: 0.000 min
Response: 110647762
Conc: 47.50 ng/ml



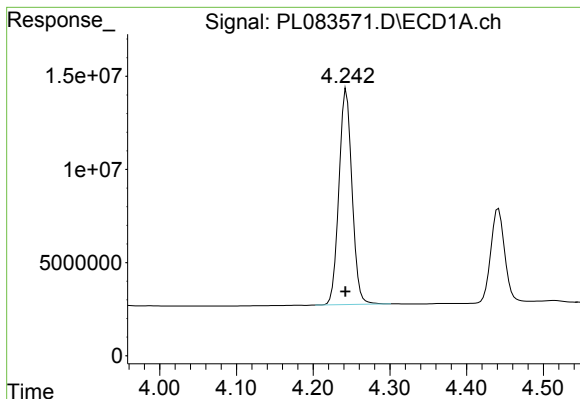
#2 alpha-BHC

R.T.: 3.909 min
Delta R.T.: 0.002 min
Response: 147938402
Conc: 47.52 ng/ml



#2 alpha-BHC

R.T.: 3.262 min
Delta R.T.: 0.000 min
Response: 165355350
Conc: 48.99 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.243 min
Delta R.T.: 0.001 min
Response: 136952800
Conc: 48.04 ng/ml

Instrument :

ECD_L

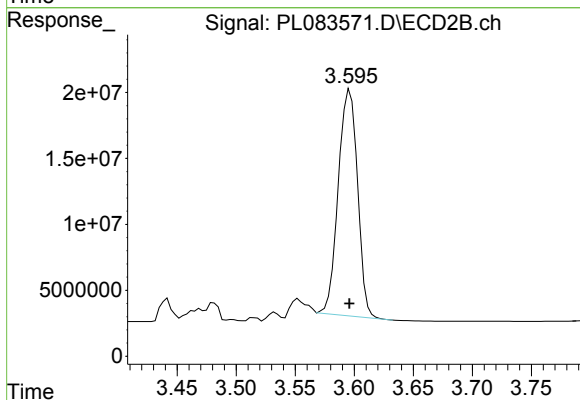
ClientSampleId :

PSTDCCC050

Manual Integrations

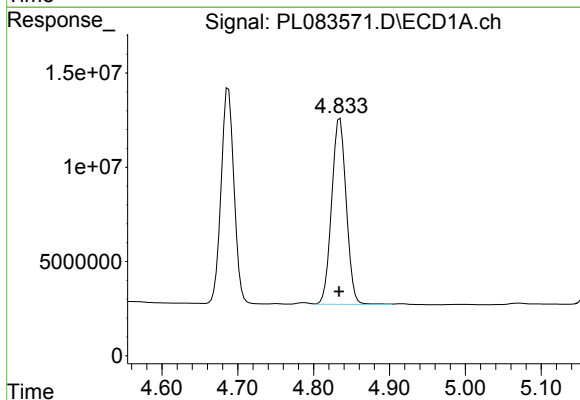
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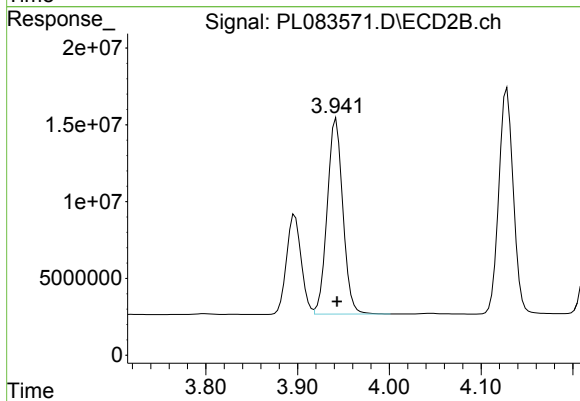
#3 gamma-BHC (Lindane)

R.T.: 3.595 min
Delta R.T.: 0.000 min
Response: 195168971
Conc: 60.79 ng/ml m



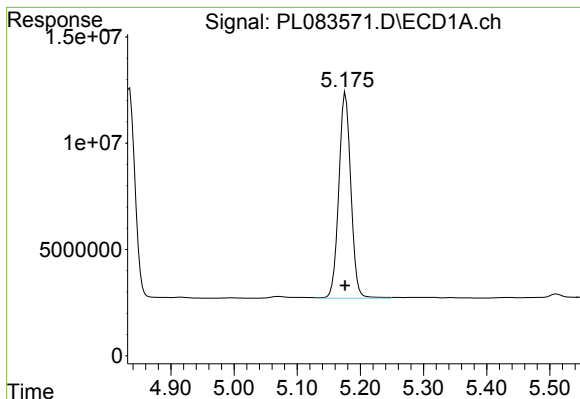
#4 Heptachlor

R.T.: 4.835 min
Delta R.T.: 0.001 min
Response: 131937994
Conc: 47.72 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: 0.000 min
Response: 150882151
Conc: 48.74 ng/ml



#5 Aldrin

R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 128623812
Conc: 49.49 ng/ml

Instrument :

ECD_L

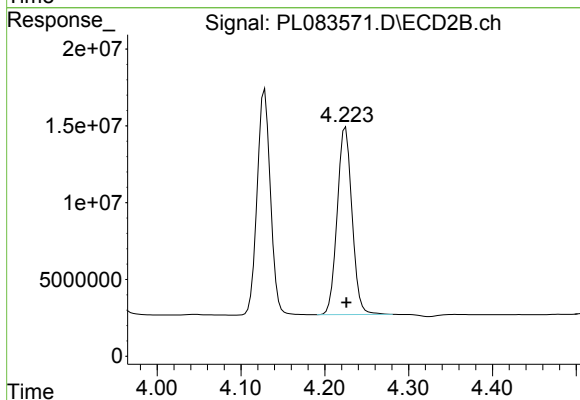
ClientSampleId :

PSTDCCC050

Manual Integrations

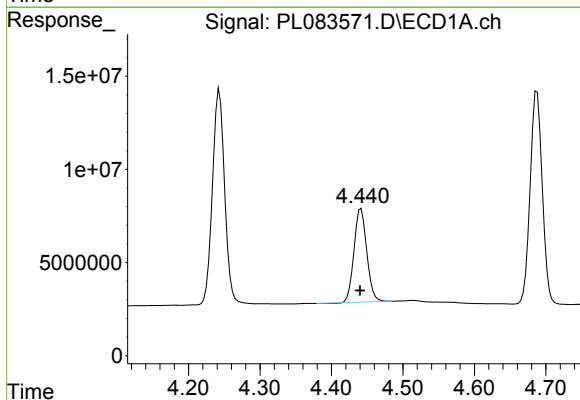
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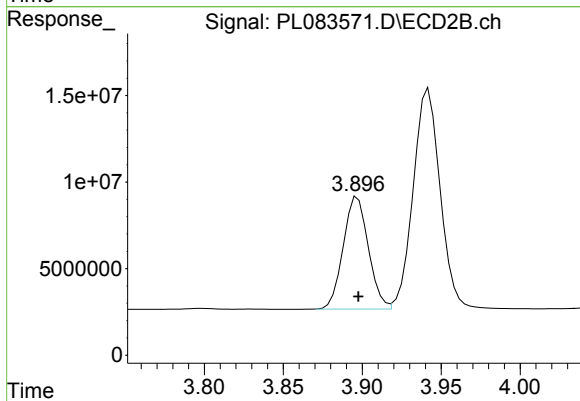
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: 0.000 min
Response: 149715435
Conc: 49.73 ng/ml



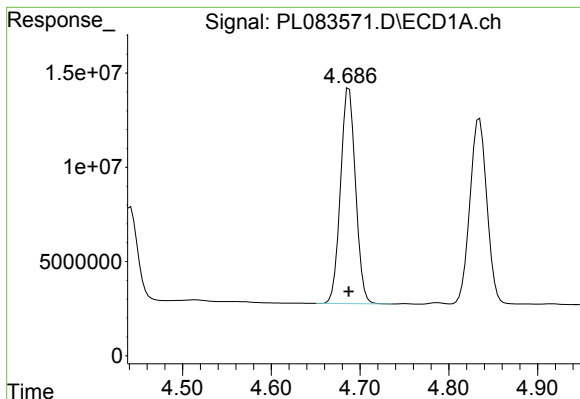
#6 beta-BHC

R.T.: 4.441 min
Delta R.T.: 0.001 min
Response: 62139177
Conc: 48.03 ng/ml



#6 beta-BHC

R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 72003715
Conc: 48.25 ng/ml



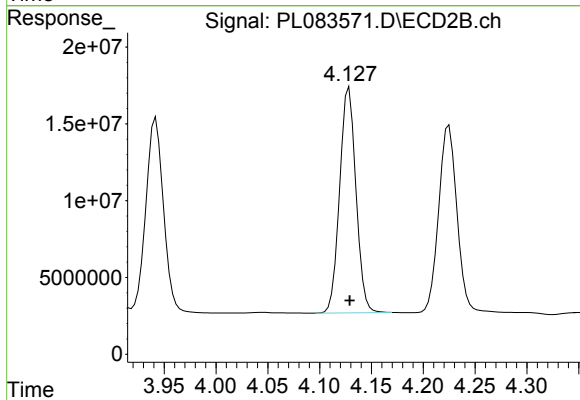
#7 delta-BHC

R.T.: 4.688 min
Delta R.T.: 0.000 min
Response: 134597739
Conc: 48.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

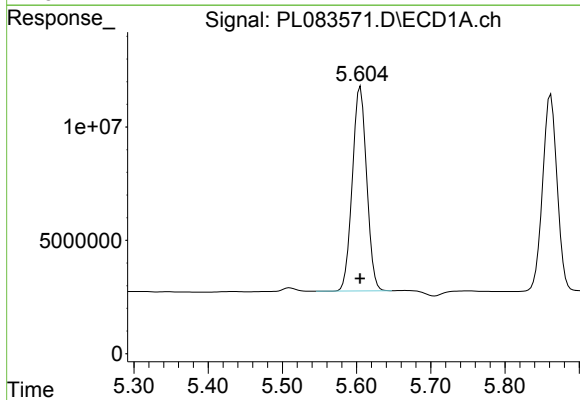
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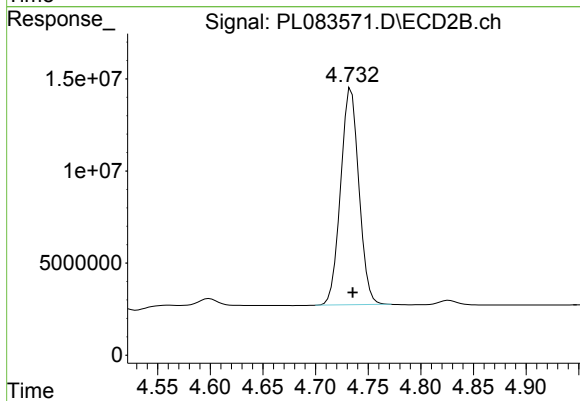
#7 delta-BHC

R.T.: 4.128 min
Delta R.T.: 0.000 min
Response: 160684719
Conc: 49.85 ng/ml



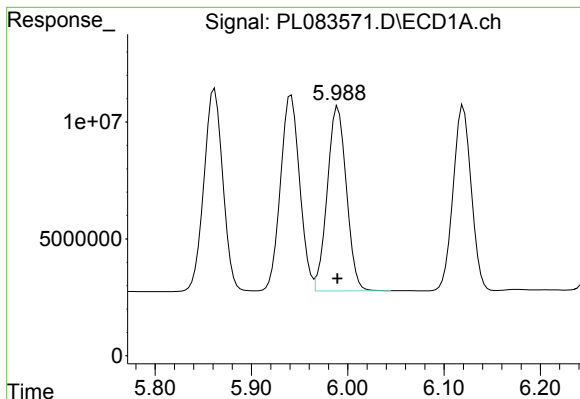
#8 Heptachlor epoxide

R.T.: 5.605 min
Delta R.T.: 0.000 min
Response: 120810677
Conc: 47.59 ng/ml



#8 Heptachlor epoxide

R.T.: 4.732 min
Delta R.T.: -0.003 min
Response: 142454073
Conc: 49.63 ng/ml m



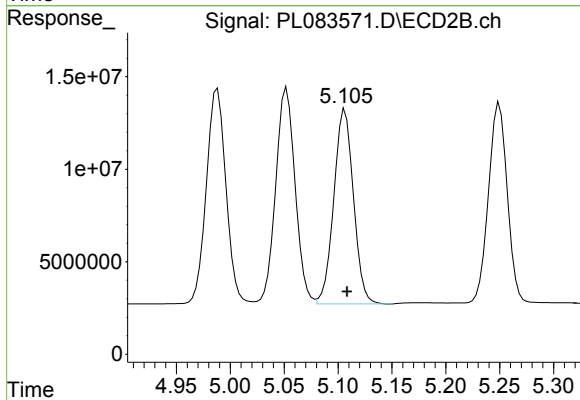
#9 Endosulfan I

R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 109273971
Conc: 49.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

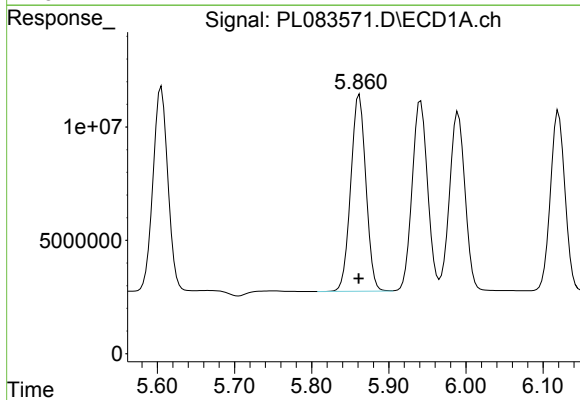
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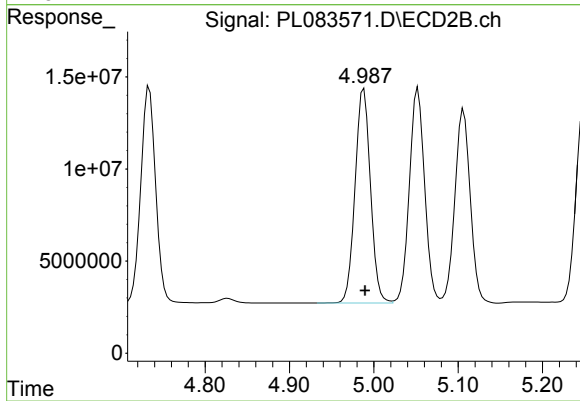
#9 Endosulfan I

R.T.: 5.106 min
Delta R.T.: -0.002 min
Response: 133401832
Conc: 49.50 ng/ml



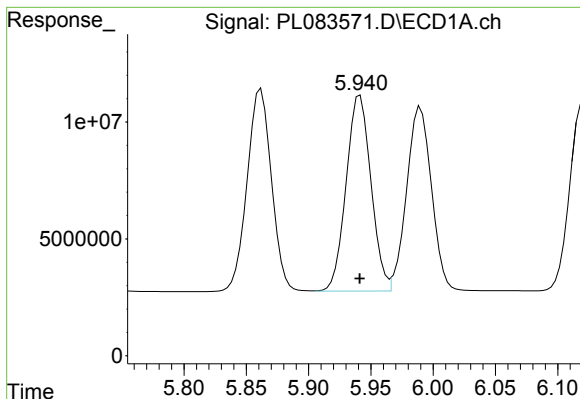
#10 gamma-Chlordane

R.T.: 5.862 min
Delta R.T.: 0.000 min
Response: 118327693
Conc: 49.19 ng/ml



#10 gamma-Chlordane

R.T.: 4.988 min
Delta R.T.: -0.001 min
Response: 147502745
Conc: 49.85 ng/ml



#11 alpha-Chlordane

R.T.: 5.941 min
Delta R.T.: 0.000 min
Response: 116692167
Conc: 49.26 ng/ml

Instrument :

ECD_L

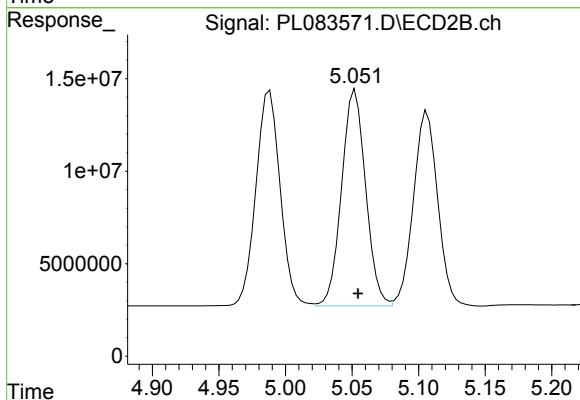
ClientSampleId :

PSTDCCC050

Manual Integrations

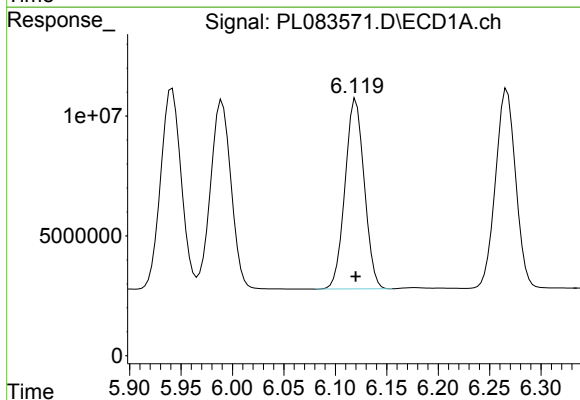
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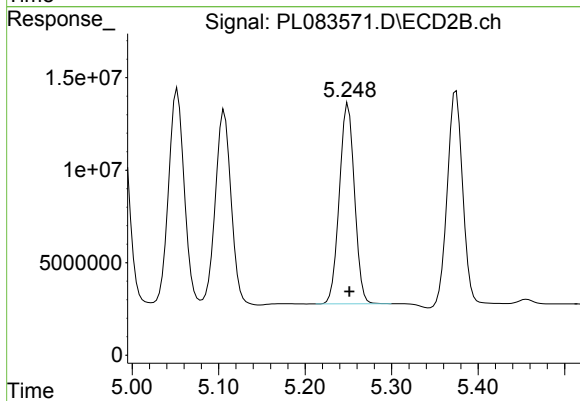
#11 alpha-Chlordane

R.T.: 5.052 min
Delta R.T.: -0.002 min
Response: 147033040
Conc: 49.70 ng/ml



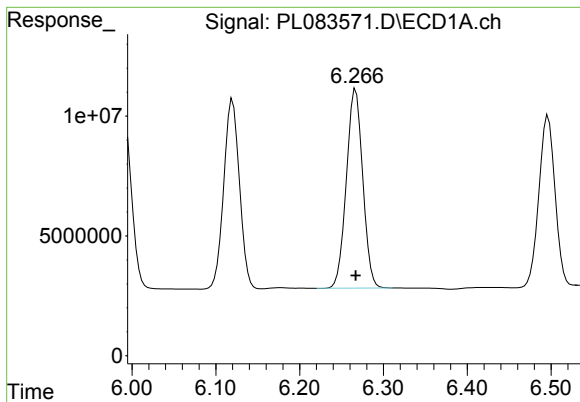
#12 4,4'-DDE

R.T.: 6.120 min
Delta R.T.: 0.000 min
Response: 103241765
Conc: 51.14 ng/ml



#12 4,4'-DDE

R.T.: 5.250 min
Delta R.T.: -0.002 min
Response: 130756981
Conc: 51.18 ng/ml



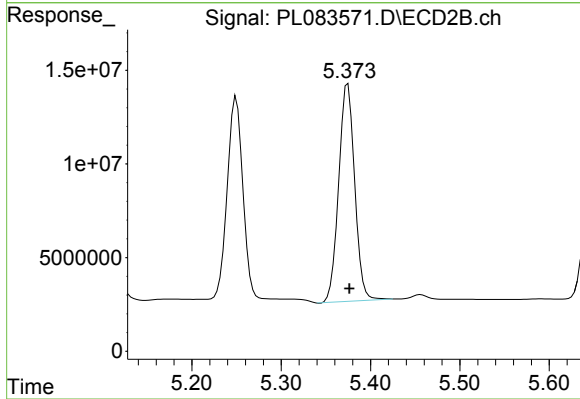
#13 Dieldrin

R.T.: 6.267 min
Delta R.T.: 0.000 min
Response: 113007922
Conc: 50.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

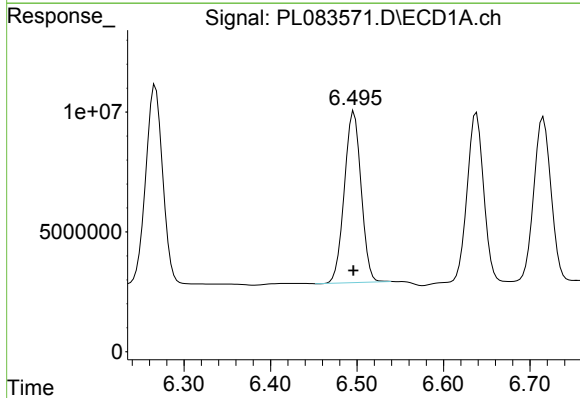
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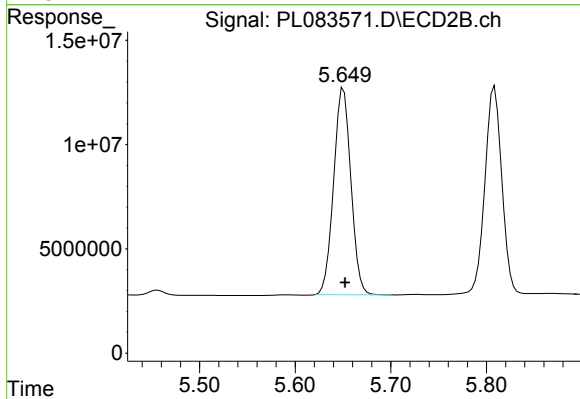
#13 Dieldrin

R.T.: 5.375 min
Delta R.T.: -0.002 min
Response: 144260054
Conc: 51.44 ng/ml



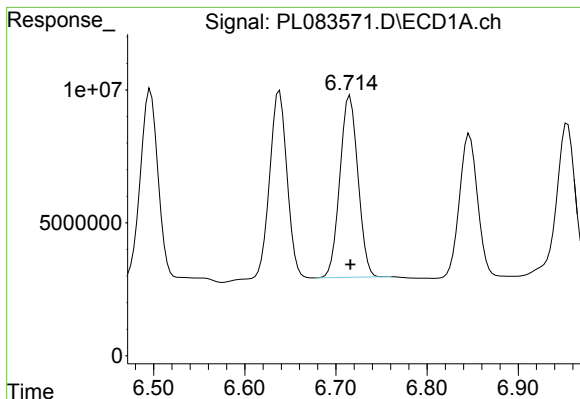
#14 Endrin

R.T.: 6.496 min
Delta R.T.: 0.000 min
Response: 95682275
Conc: 54.22 ng/ml



#14 Endrin

R.T.: 5.650 min
Delta R.T.: -0.001 min
Response: 124153652
Conc: 53.79 ng/ml



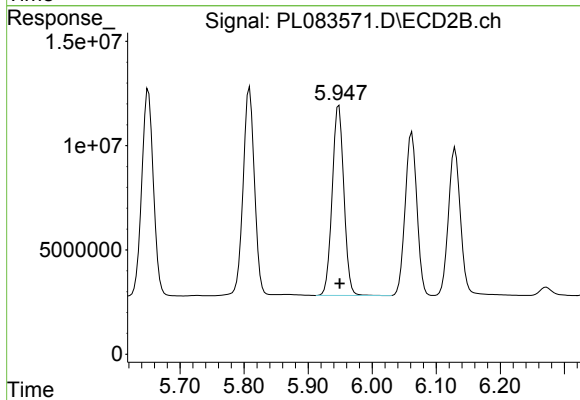
#15 Endosulfan II

R.T.: 6.715 min
Delta R.T.: 0.000 min
Response: 94498404
Conc: 50.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

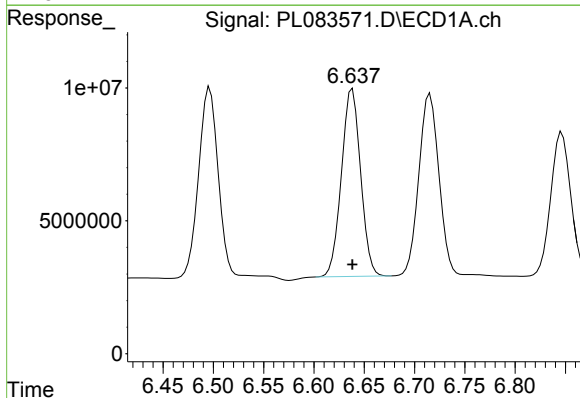
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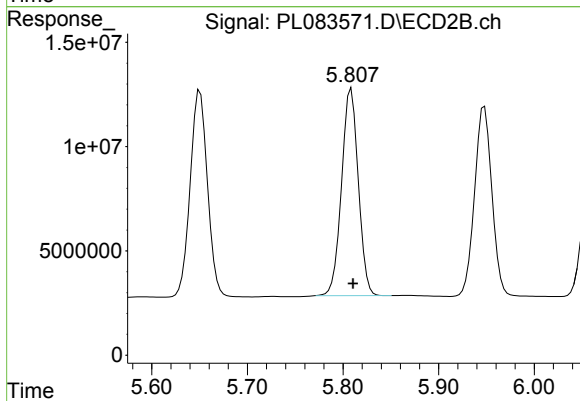
#15 Endosulfan II

R.T.: 5.948 min
Delta R.T.: -0.001 min
Response: 115516291
Conc: 48.67 ng/ml



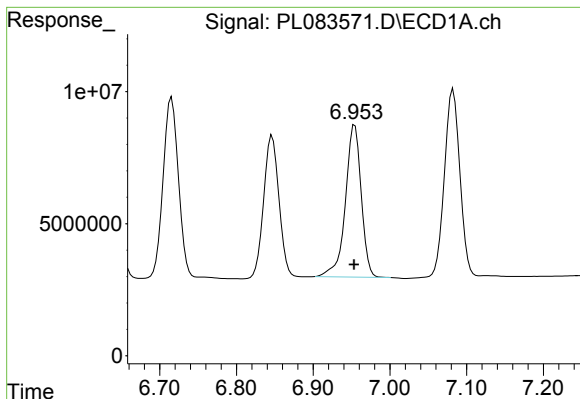
#16 4,4'-DDD

R.T.: 6.638 min
Delta R.T.: 0.000 min
Response: 93427031
Conc: 54.72 ng/ml



#16 4,4'-DDD

R.T.: 5.809 min
Delta R.T.: -0.002 min
Response: 121067540
Conc: 54.90 ng/ml



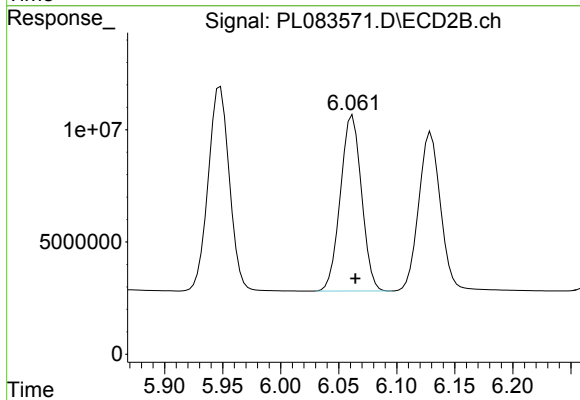
#17 4,4'-DDT

R.T.: 6.954 min
Delta R.T.: 0.000 min
Response: 83098716
Conc: 49.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

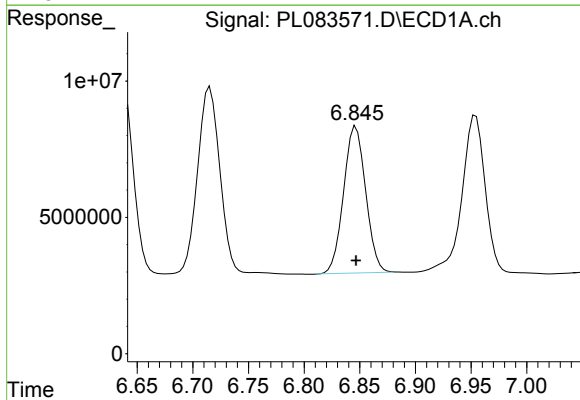
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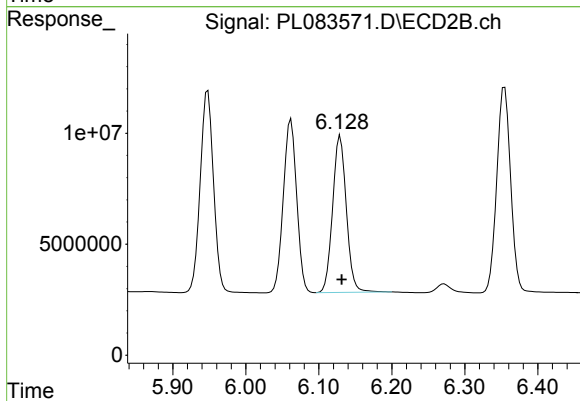
#17 4,4'-DDT

R.T.: 6.062 min
Delta R.T.: -0.002 min
Response: 99382430
Conc: 47.60 ng/ml



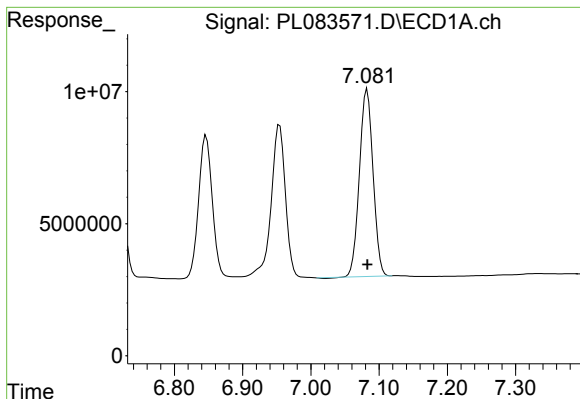
#18 Endrin aldehyde

R.T.: 6.845 min
Delta R.T.: -0.002 min
Response: 74347163
Conc: 50.15 ng/ml m



#18 Endrin aldehyde

R.T.: 6.130 min
Delta R.T.: -0.002 min
Response: 92313159
Conc: 48.84 ng/ml



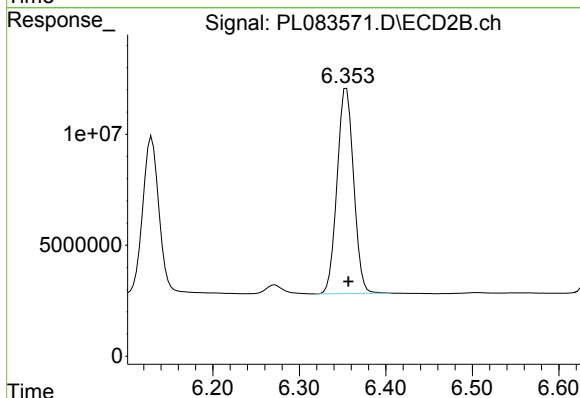
#19 Endosulfan Sulfate

R.T.: 7.082 min
Delta R.T.: 0.000 min
Response: 98205826
Conc: 51.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

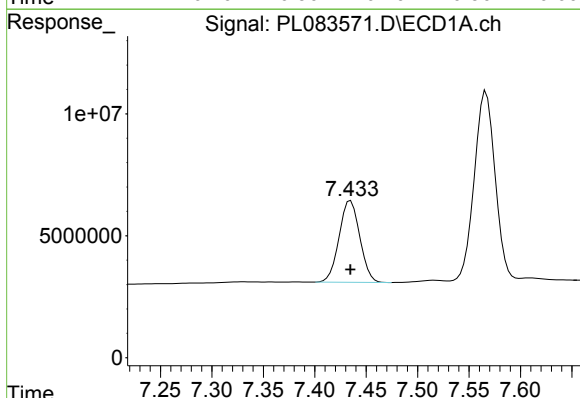
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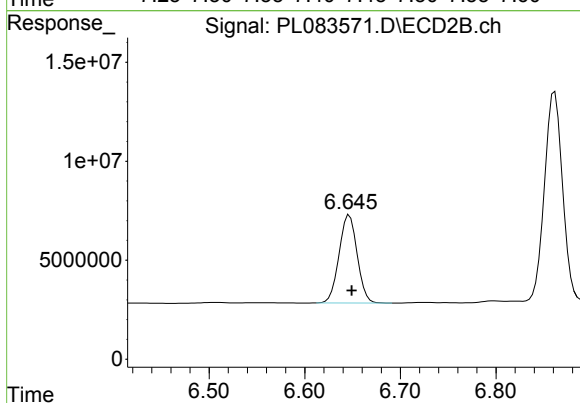
#19 Endosulfan Sulfate

R.T.: 6.354 min
Delta R.T.: -0.002 min
Response: 122173174
Conc: 50.45 ng/ml



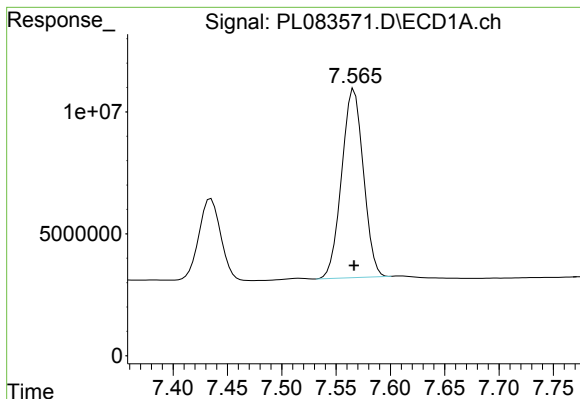
#20 Methoxychlor

R.T.: 7.435 min
Delta R.T.: 0.000 min
Response: 46845592
Conc: 51.65 ng/ml



#20 Methoxychlor

R.T.: 6.647 min
Delta R.T.: -0.003 min
Response: 58584582
Conc: 48.61 ng/ml



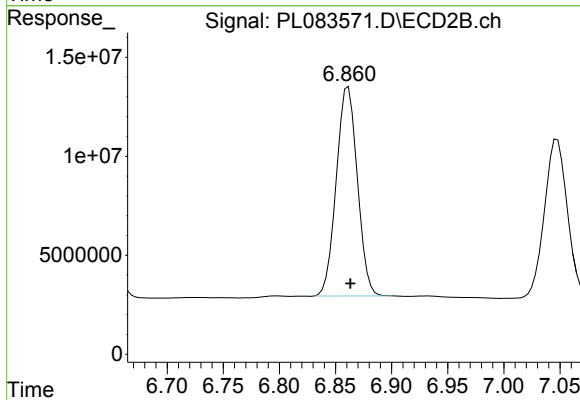
#21 Endrin ketone

R.T.: 7.567 min
Delta R.T.: 0.000 min
Response: 107664129
Conc: 50.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

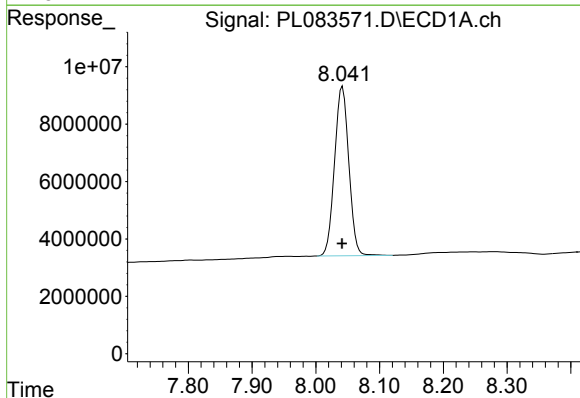
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Reviewed By :Abdul Mirza 06/21/2023
Supervised By :Ankita Jodhani 06/21/2023



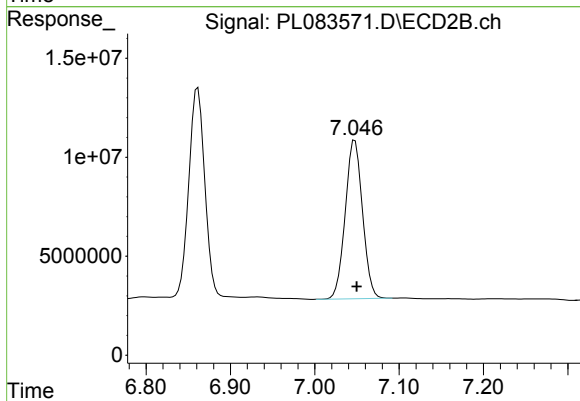
#21 Endrin ketone

R.T.: 6.861 min
Delta R.T.: -0.002 min
Response: 138104462
Conc: 49.12 ng/ml



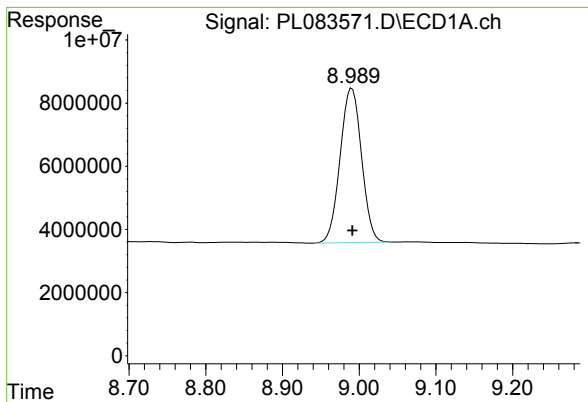
#22 Mirex

R.T.: 8.042 min
Delta R.T.: 0.000 min
Response: 91831775
Conc: 49.20 ng/ml



#22 Mirex

R.T.: 7.048 min
Delta R.T.: -0.002 min
Response: 113999620
Conc: 47.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.991 min
Delta R.T.: 0.000 min
Response: 95120819
Conc: 49.92 ng/ml

Instrument :

ECD_L

ClientSampleId :

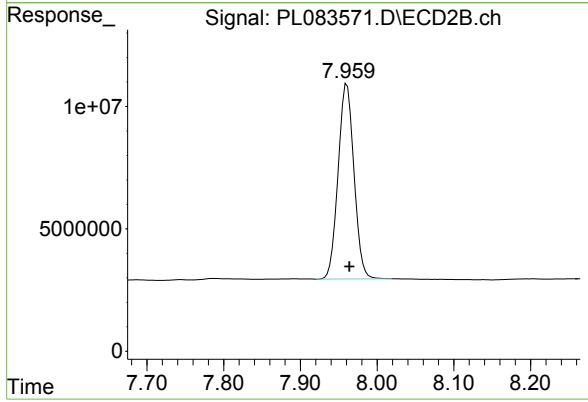
PSTDCCC050

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 06/21/2023

Supervised By :Ankita Jodhani 06/21/2023



#28 Decachlorobiphenyl

R.T.: 7.961 min
Delta R.T.: -0.003 min
Response: 114792146
Conc: 46.74 ng/ml