

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122723\
 Data File : PL087530.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Dec 2023 17:10
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/28/2023
 Supervised By :Ankita Jodhani 12/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 27 20:46:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 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...	3.422	2.677	215.2E6	90656571	57.174	53.857
2)	SA Decachlor...	8.980	7.863	196.4E6	91846288	57.582	54.381m
Target Compounds							
2)	A alpha-BHC	3.878	3.180	320.2E6	136.3E6	59.143	55.461m
3)	MA gamma-BHC...	4.212	3.511	302.4E6	131.2E6	57.546	54.174
4)	MA Heptachlor	4.803	3.853	294.5E6	123.0E6	55.298m	51.477
5)	MB Aldrin	5.146	4.134	290.9E6	127.0E6	55.872	52.963
6)	B beta-BHC	4.411	3.811	127.0E6	55918012	55.295	53.716m
7)	B delta-BHC	4.656	4.042	303.2E6	131.5E6	57.982m	53.744
8)	B Heptachlo...	5.577	4.641	260.7E6	112.6E6	55.317	50.580
9)	A Endosulfan I	5.963	5.012	250.9E6	107.6E6	56.168	49.784
10)	B gamma-Chl...	5.834	4.895	263.2E6	117.2E6	54.280m	51.222
11)	B alpha-Chl...	5.916	4.959	269.4E6	117.3E6	56.053	50.819
12)	B 4,4'-DDE	6.096	5.158	227.3E6	101.8E6	54.840	51.274
13)	MA Dieldrin	6.242	5.281	249.7E6	111.3E6	53.801	49.939
14)	MA Endrin	6.471	5.556	202.9E6	103.2E6	52.742	51.734
15)	B Endosulfa...	6.693	5.854	212.0E6	94129678	52.853	48.346
16)	A 4,4'-DDD	6.617	5.716	193.5E6	88583696	58.557	53.501
17)	MA 4,4'-DDT	6.934	5.968	195.1E6	88021257	51.892	47.725
18)	B Endrin al...	6.825	6.035	157.7E6	72315672	54.423	49.274
19)	B Endosulfa...	7.061	6.260	208.8E6	94667563	53.171	50.253
20)	A Methoxychlor	7.419	6.555	99670920	47992587	51.115	46.987
21)	B Endrin ke...	7.546	6.765	222.6E6	109.8E6	54.725m	51.577m
22)	Mirex	8.026	6.948	174.8E6	88088726	51.891	49.512

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122723\
Data File : PL087530.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Dec 2023 17:10
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

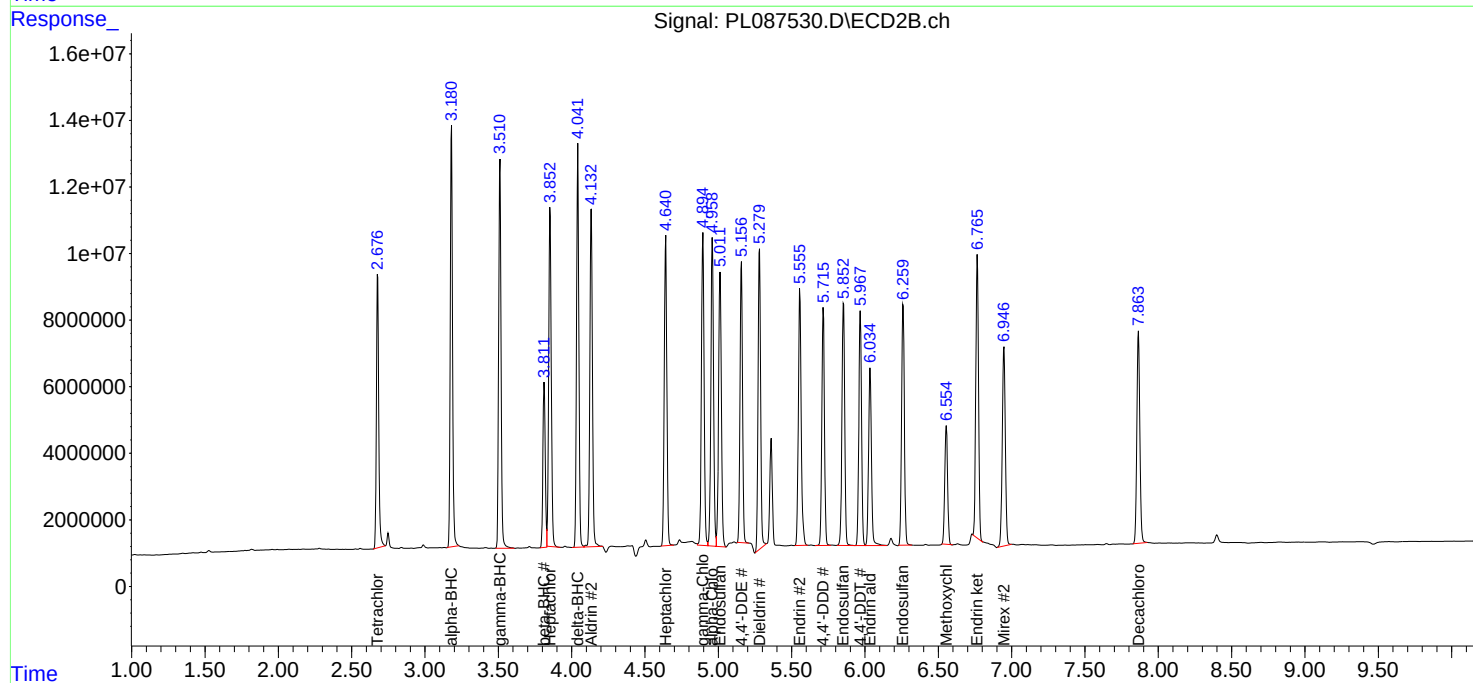
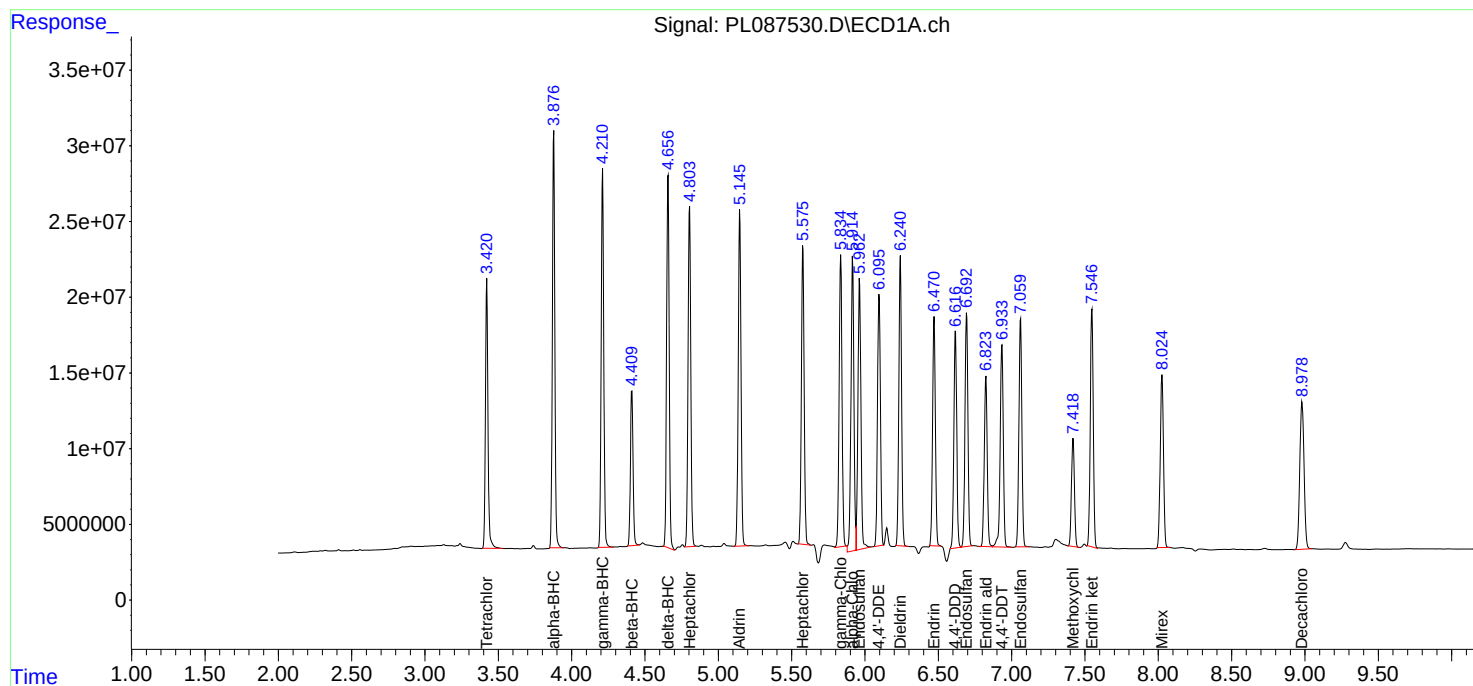
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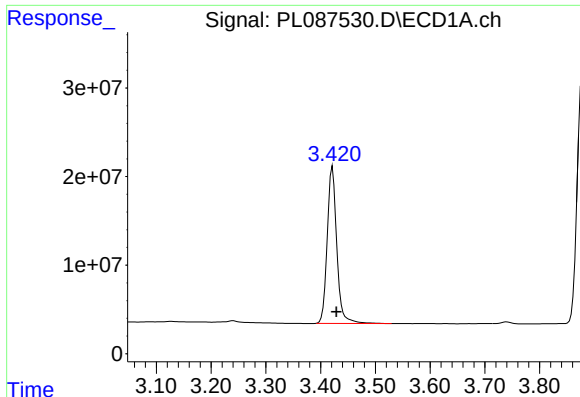
Reviewed By :Abdul Mirza 12/28/2023

Supervised By :Ankita Jodhani 12/28/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 27 20:46:58 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
Quant Title : GC Extractables
QLast Update : Sat Dec 16 04:03:23 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





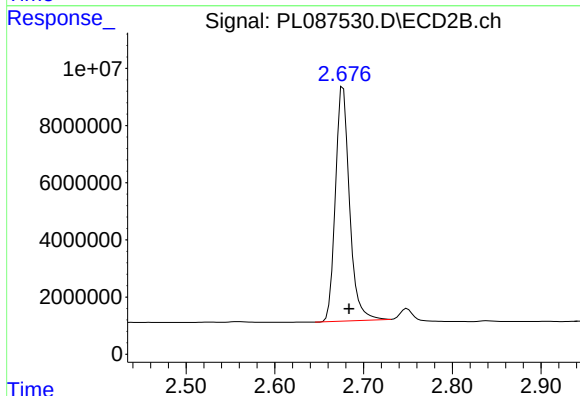
#1 Tetrachloro-m-xylene

R.T.: 3.422 min
Delta R.T.: -0.007 min
Response: 215171091
Conc: 57.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

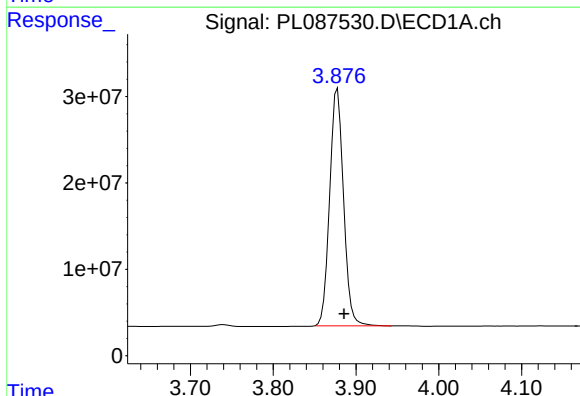
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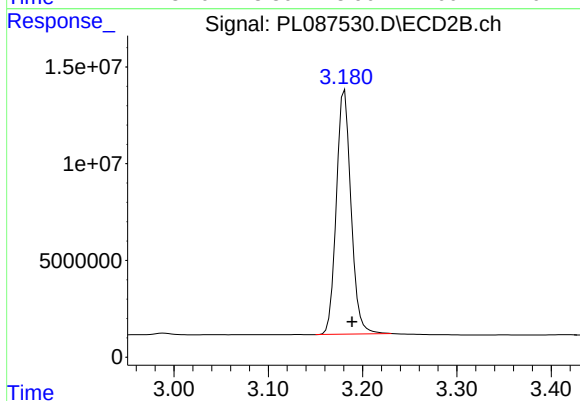
#1 Tetrachloro-m-xylene

R.T.: 2.677 min
Delta R.T.: -0.006 min
Response: 90656571
Conc: 53.86 ng/ml



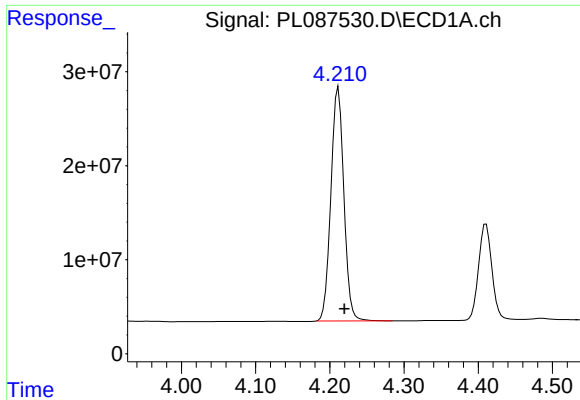
#2 alpha-BHC

R.T.: 3.878 min
Delta R.T.: -0.008 min
Response: 320206279
Conc: 59.14 ng/ml



#2 alpha-BHC

R.T.: 3.180 min
Delta R.T.: -0.009 min
Response: 136300804
Conc: 55.46 ng/ml m



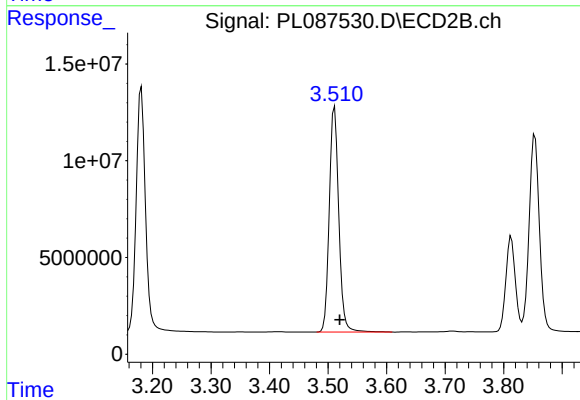
#3 gamma-BHC (Lindane)

R.T.: 4.212 min
Delta R.T.: -0.008 min
Response: 302441896
Conc: 57.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

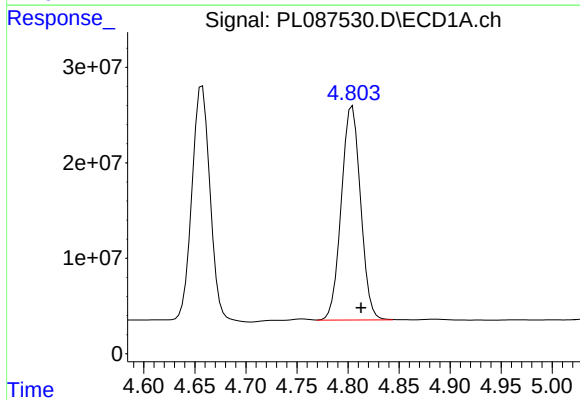
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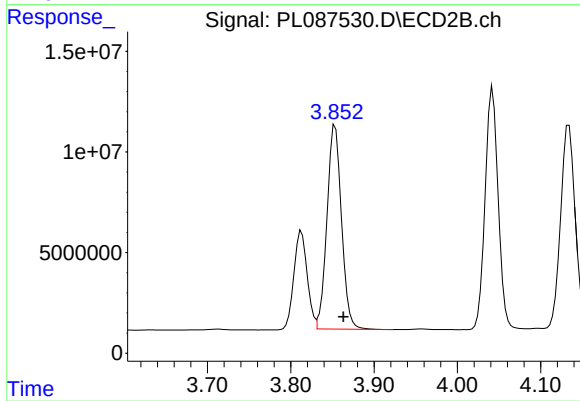
#3 gamma-BHC (Lindane)

R.T.: 3.511 min
Delta R.T.: -0.009 min
Response: 131230508
Conc: 54.17 ng/ml



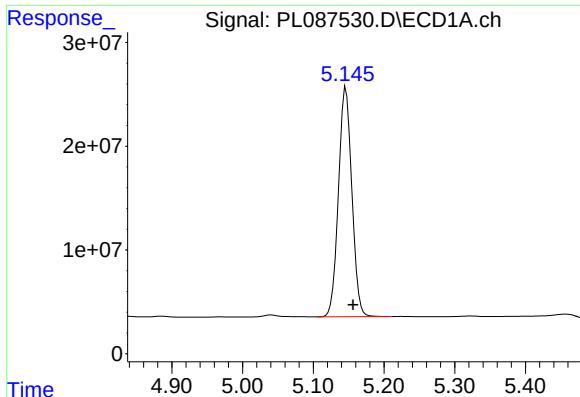
#4 Heptachlor

R.T.: 4.803 min
Delta R.T.: -0.010 min
Response: 294549945
Conc: 55.30 ng/ml m



#4 Heptachlor

R.T.: 3.853 min
Delta R.T.: -0.010 min
Response: 123045834
Conc: 51.48 ng/ml



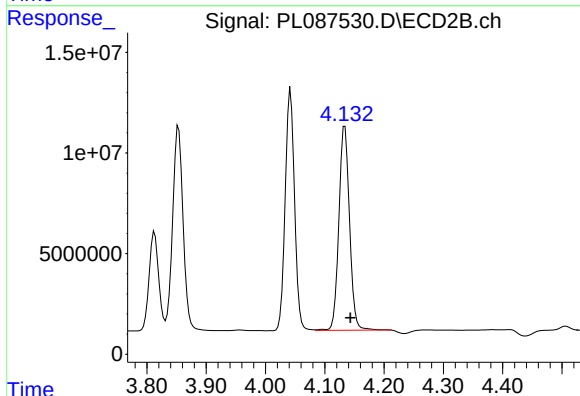
#5 Aldrin

R.T.: 5.146 min
Delta R.T.: -0.010 min
Response: 290893404
Conc: 55.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

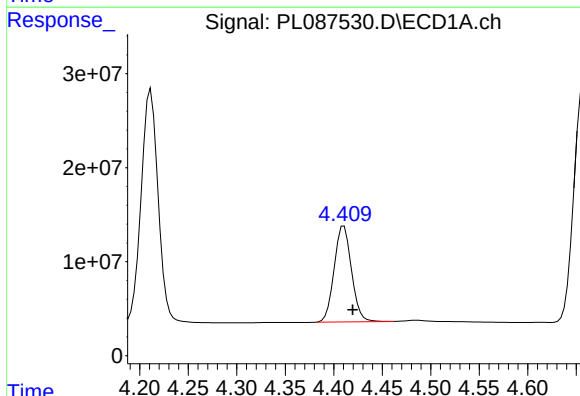
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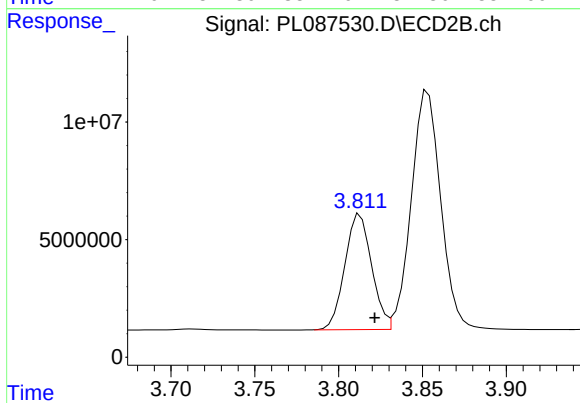
#5 Aldrin

R.T.: 4.134 min
Delta R.T.: -0.010 min
Response: 126992974
Conc: 52.96 ng/ml



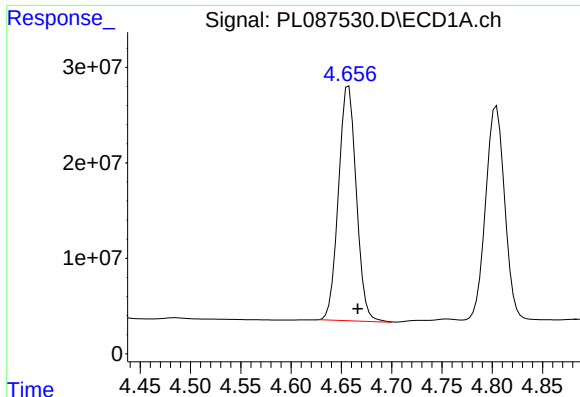
#6 beta-BHC

R.T.: 4.411 min
Delta R.T.: -0.009 min
Response: 127000974
Conc: 55.29 ng/ml



#6 beta-BHC

R.T.: 3.811 min
Delta R.T.: -0.010 min
Response: 55918012
Conc: 53.72 ng/ml m



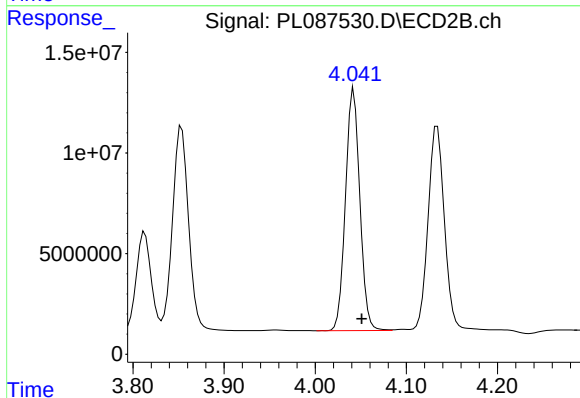
#7 delta-BHC

R.T.: 4.656 min
Delta R.T.: -0.010 min
Response: 303208305
Conc: 57.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

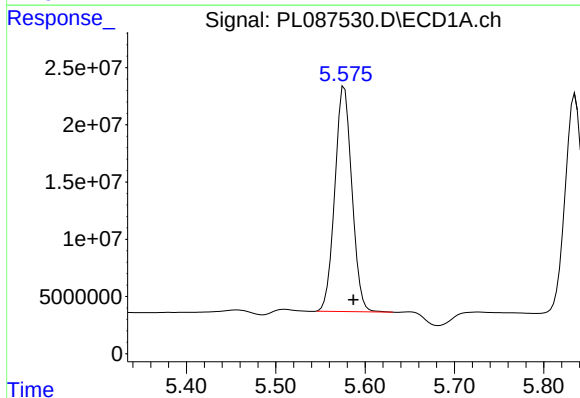
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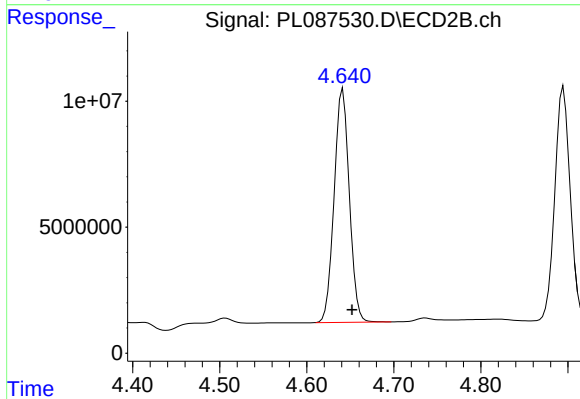
#7 delta-BHC

R.T.: 4.042 min
Delta R.T.: -0.009 min
Response: 131470059
Conc: 53.74 ng/ml



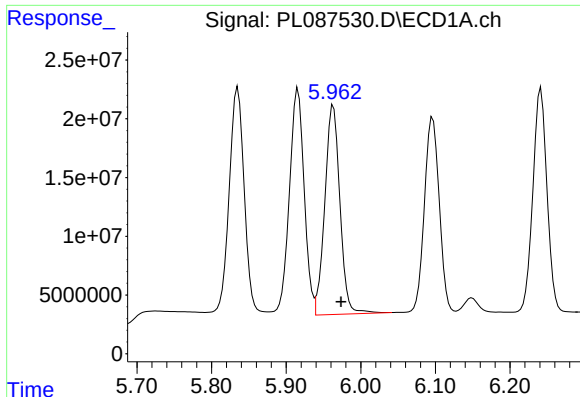
#8 Heptachlor epoxide

R.T.: 5.577 min
Delta R.T.: -0.010 min
Response: 260697152
Conc: 55.32 ng/ml



#8 Heptachlor epoxide

R.T.: 4.641 min
Delta R.T.: -0.011 min
Response: 112555797
Conc: 50.58 ng/ml



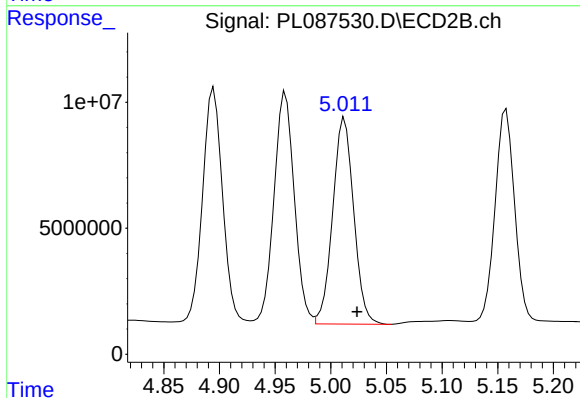
#9 Endosulfan I

R.T.: 5.963 min
Delta R.T.: -0.010 min
Response: 250864255
Conc: 56.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

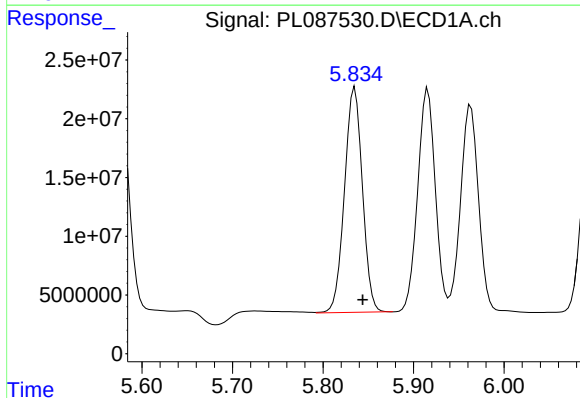
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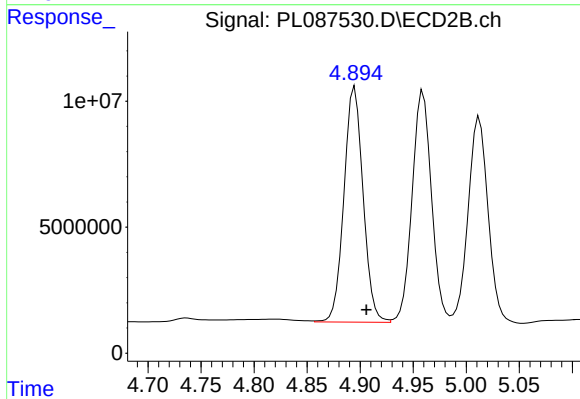
#9 Endosulfan I

R.T.: 5.012 min
Delta R.T.: -0.011 min
Response: 107590755
Conc: 49.78 ng/ml



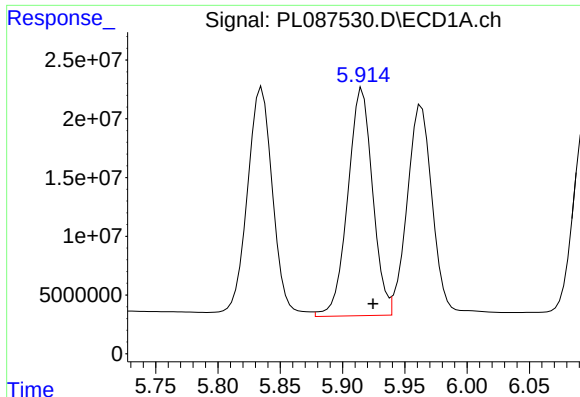
#10 gamma-Chlordane

R.T.: 5.834 min
Delta R.T.: -0.010 min
Response: 263152239
Conc: 54.28 ng/ml m



#10 gamma-Chlordane

R.T.: 4.895 min
Delta R.T.: -0.011 min
Response: 117162435
Conc: 51.22 ng/ml



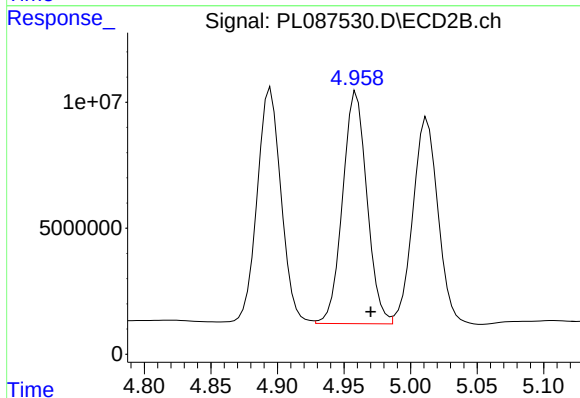
#11 alpha-Chlordane

R.T.: 5.916 min
Delta R.T.: -0.009 min
Response: 269397422
Conc: 56.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

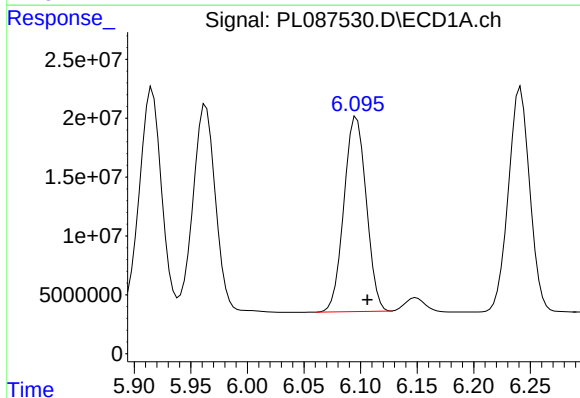
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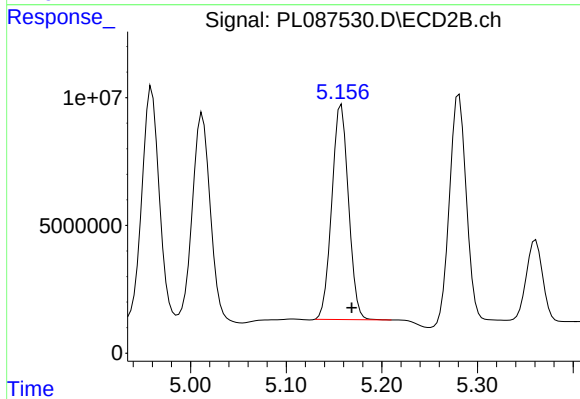
#11 alpha-Chlordane

R.T.: 4.959 min
Delta R.T.: -0.011 min
Response: 117290901
Conc: 50.82 ng/ml



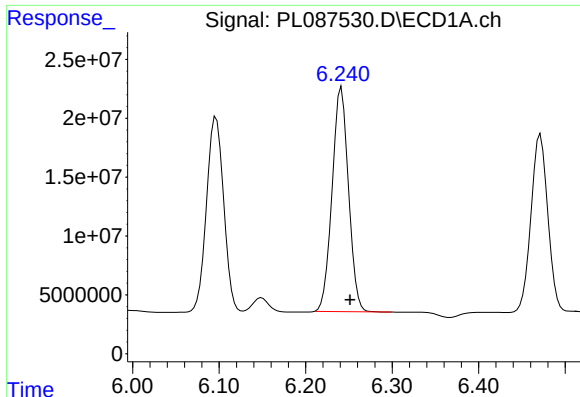
#12 4,4'-DDE

R.T.: 6.096 min
Delta R.T.: -0.010 min
Response: 227260673
Conc: 54.84 ng/ml



#12 4,4'-DDE

R.T.: 5.158 min
Delta R.T.: -0.011 min
Response: 101805072
Conc: 51.27 ng/ml



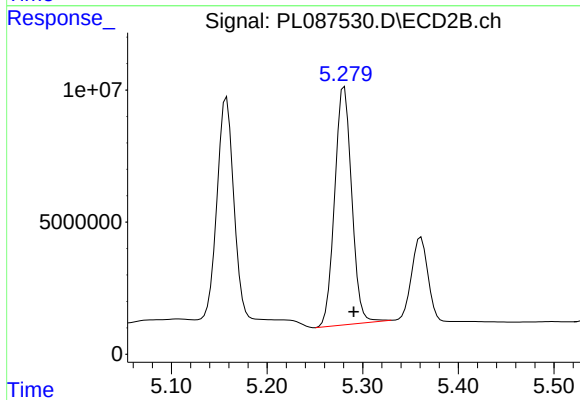
#13 Dieldrin

R.T.: 6.242 min
Delta R.T.: -0.010 min
Response: 249683208
Conc: 53.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

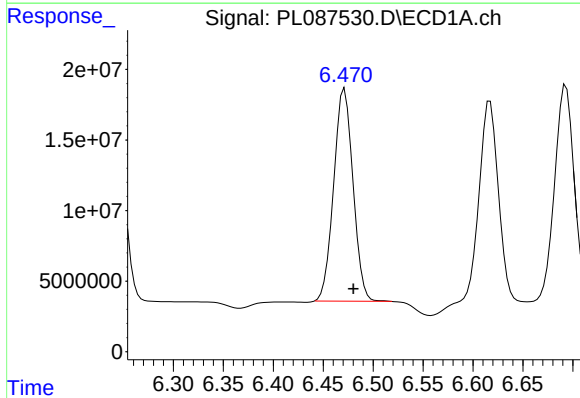
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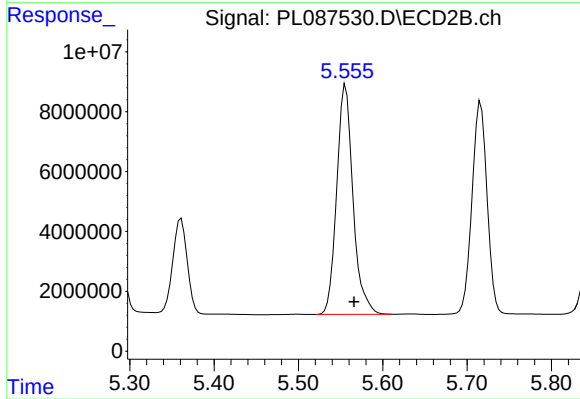
#13 Dieldrin

R.T.: 5.281 min
Delta R.T.: -0.010 min
Response: 111253167
Conc: 49.94 ng/ml



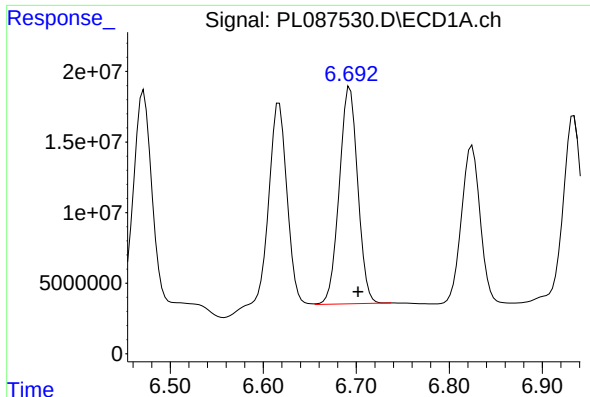
#14 Endrin

R.T.: 6.471 min
Delta R.T.: -0.009 min
Response: 202916206
Conc: 52.74 ng/ml



#14 Endrin

R.T.: 5.556 min
Delta R.T.: -0.010 min
Response: 103241828
Conc: 51.73 ng/ml



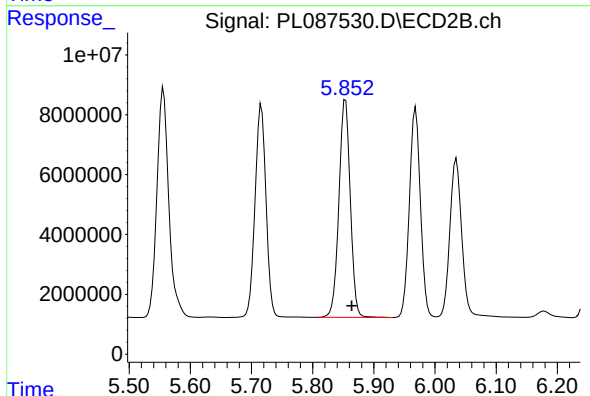
#15 Endosulfan II

R.T.: 6.693 min
Delta R.T.: -0.009 min
Response: 211961297
Conc: 52.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

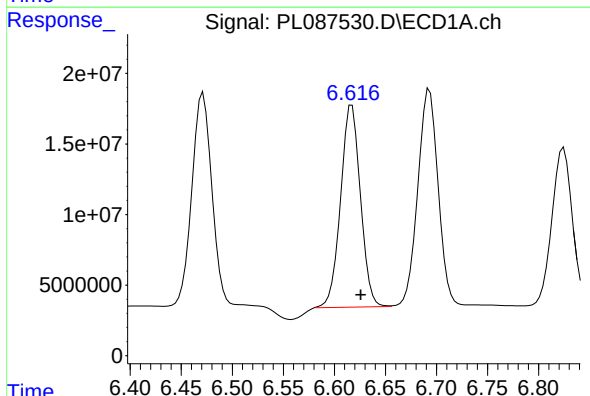
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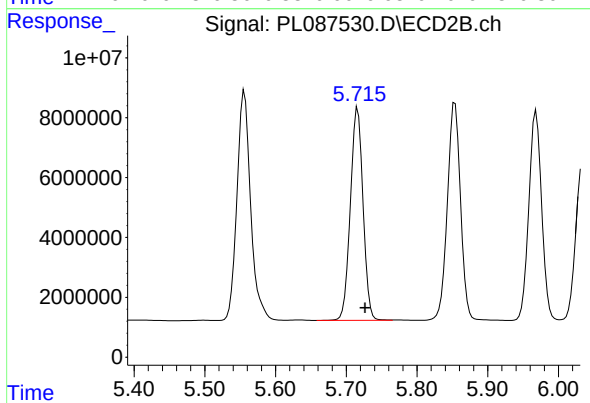
#15 Endosulfan II

R.T.: 5.854 min
Delta R.T.: -0.010 min
Response: 94129678
Conc: 48.35 ng/ml



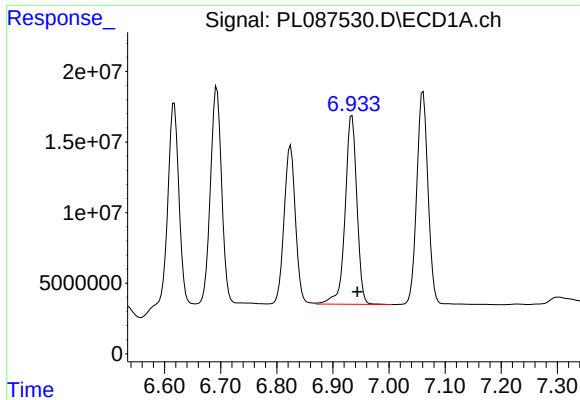
#16 4,4'-DDD

R.T.: 6.617 min
Delta R.T.: -0.009 min
Response: 193538774
Conc: 58.56 ng/ml



#16 4,4'-DDD

R.T.: 5.716 min
Delta R.T.: -0.011 min
Response: 88583696
Conc: 53.50 ng/ml



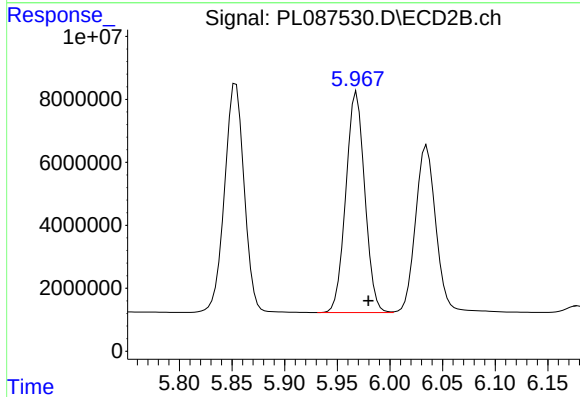
#17 4,4'-DDT

R.T.: 6.934 min
Delta R.T.: -0.009 min
Response: 195124349
Conc: 51.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

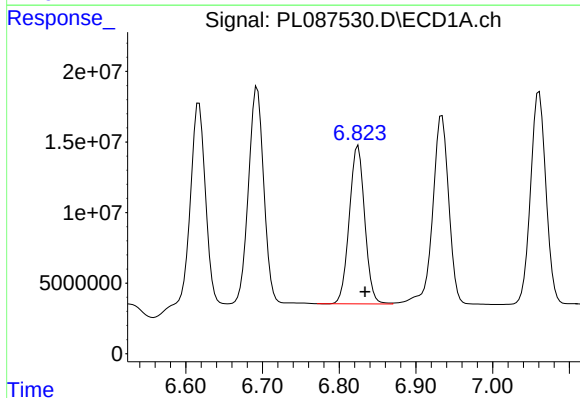
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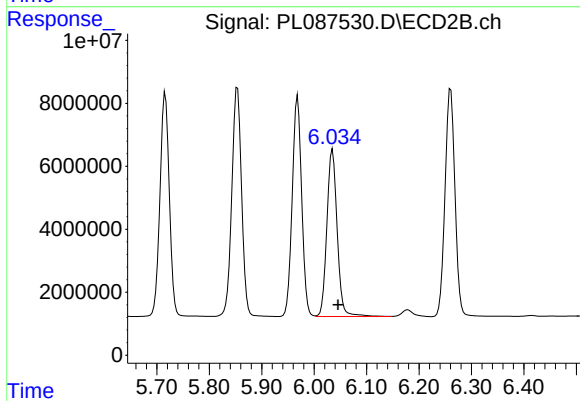
#17 4,4'-DDT

R.T.: 5.968 min
Delta R.T.: -0.011 min
Response: 88021257
Conc: 47.73 ng/ml



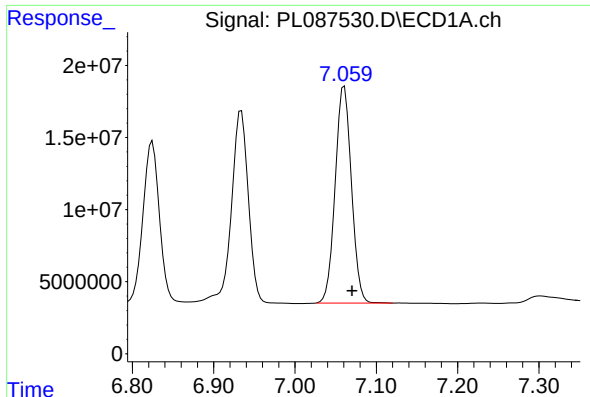
#18 Endrin aldehyde

R.T.: 6.825 min
Delta R.T.: -0.009 min
Response: 157737543
Conc: 54.42 ng/ml



#18 Endrin aldehyde

R.T.: 6.035 min
Delta R.T.: -0.011 min
Response: 72315672
Conc: 49.27 ng/ml



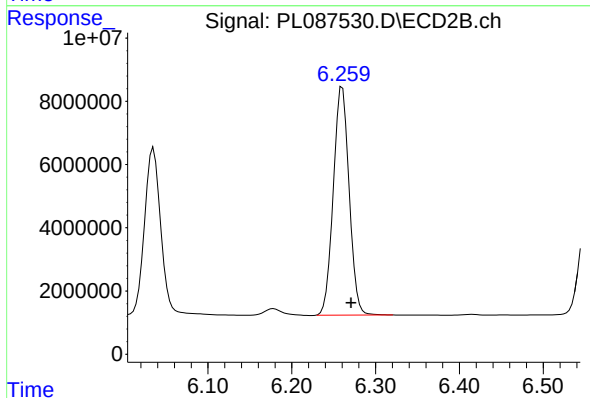
#19 Endosulfan Sulfate

R.T.: 7.061 min
Delta R.T.: -0.010 min
Response: 208796199
Conc: 53.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

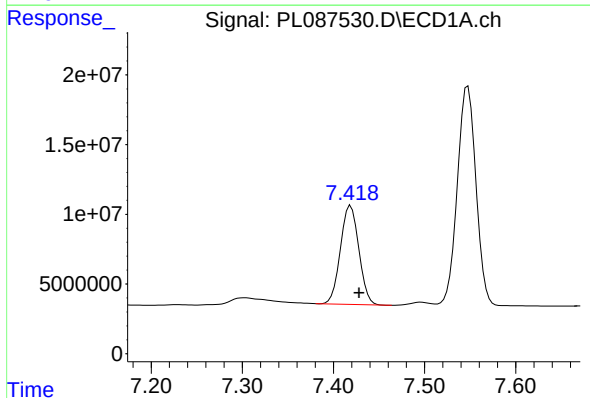
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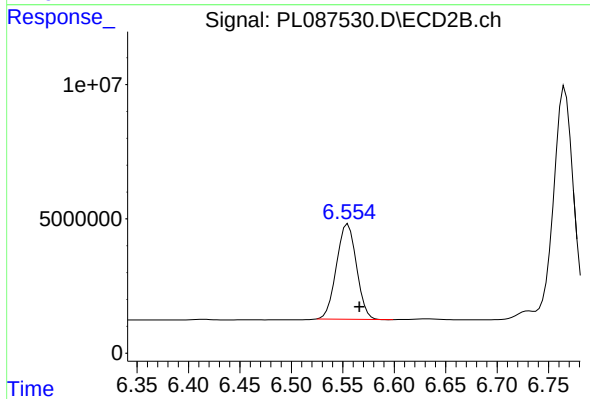
#19 Endosulfan Sulfate

R.T.: 6.260 min
Delta R.T.: -0.010 min
Response: 94667563
Conc: 50.25 ng/ml



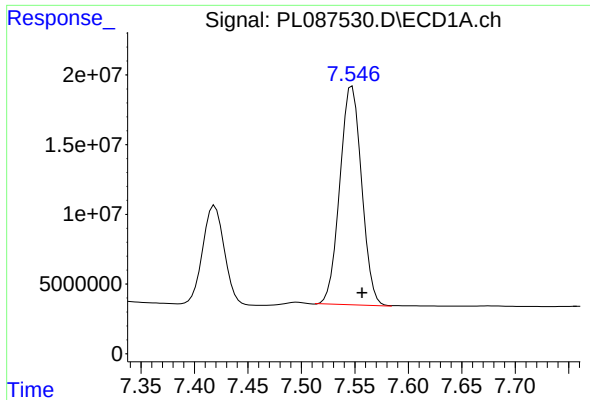
#20 Methoxychlor

R.T.: 7.419 min
Delta R.T.: -0.009 min
Response: 99670920
Conc: 51.12 ng/ml



#20 Methoxychlor

R.T.: 6.555 min
Delta R.T.: -0.011 min
Response: 47992587
Conc: 46.99 ng/ml



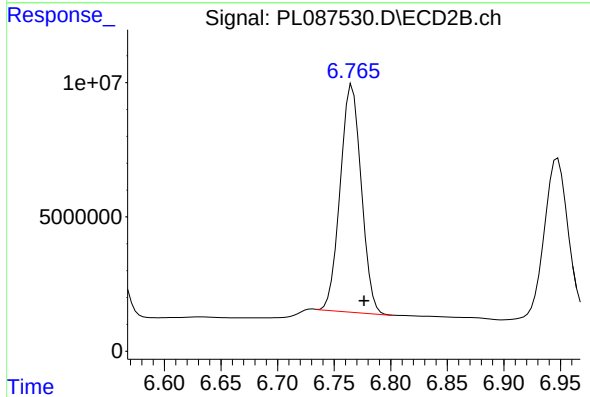
#21 Endrin ketone

R.T.: 7.546 min
Delta R.T.: -0.011 min
Response: 222638066
Conc: 54.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

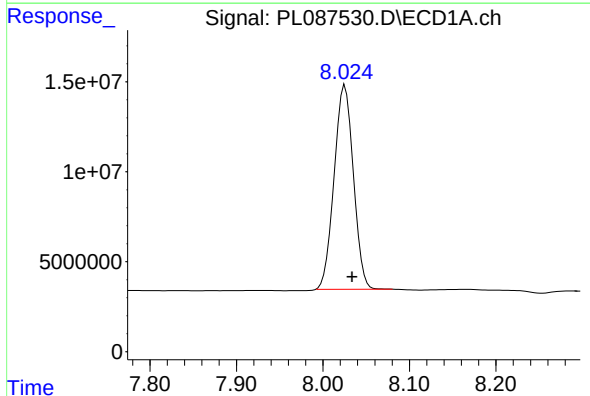
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APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



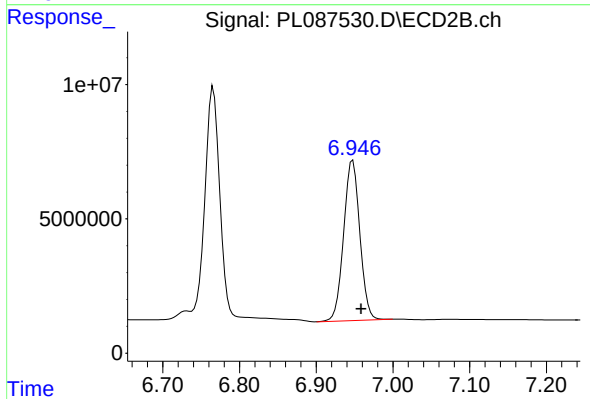
#21 Endrin ketone

R.T.: 6.765 min
Delta R.T.: -0.012 min
Response: 109791978
Conc: 51.58 ng/ml m



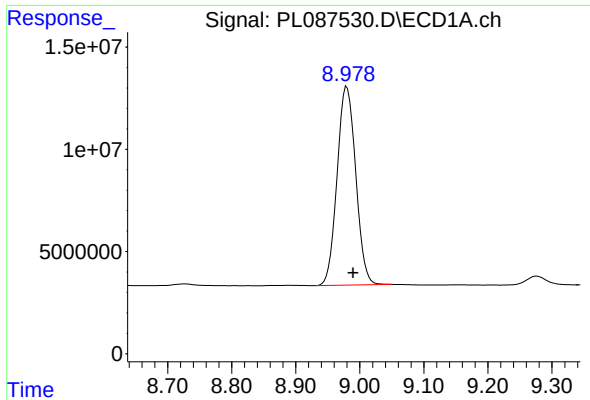
#22 Mirex

R.T.: 8.026 min
Delta R.T.: -0.008 min
Response: 174770327
Conc: 51.89 ng/ml



#22 Mirex

R.T.: 6.948 min
Delta R.T.: -0.011 min
Response: 88088726
Conc: 49.51 ng/ml



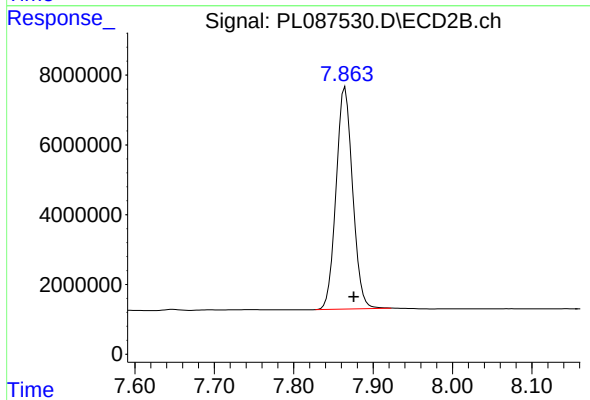
#28 Decachlorobiphenyl

R.T.: 8.980 min
Delta R.T.: -0.009 min
Response: 196352141
Conc: 57.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.863 min
Delta R.T.: -0.012 min
Response: 91846288
Conc: 54.38 ng/ml m