

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122523\
 Data File : PL087467.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Dec 2023 02:15
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/26/2023
 Supervised By : Ankita Jodhani 12/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 26 03:02:50 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...	3.421	2.676	197.7E6	83084469	52.526	49.358
2)	SA Decachlor...	8.976	7.862	177.9E6	83450961	52.165	49.410m
Target Compounds							
2)	A alpha-BHC	3.877	3.179	290.2E6	124.3E6	53.595	50.587m
3)	MA gamma-BHC...	4.210	3.511	277.9E6	119.5E6	52.868	49.343
4)	MA Heptachlor	4.801	3.853	278.4E6	115.8E6	52.266m	48.449
5)	MB Aldrin	5.146	4.133	264.9E6	114.7E6	50.873	47.848
6)	B beta-BHC	4.410	3.812	117.0E6	49365763	50.949	47.422
7)	B delta-BHC	4.655	4.042	272.7E6	120.2E6	52.147m	49.153
8)	B Heptachlo...	5.576	4.641	233.1E6	102.7E6	49.452	46.141
9)	A Endosulfan I	5.962	5.012	219.5E6	97135335	49.155	44.946
10)	B gamma-Chl...	5.832	4.894	237.7E6	105.0E6	49.022m	45.885
11)	B alpha-Chl...	5.912	4.959	232.5E6	105.3E6	48.368m	45.632
12)	B 4,4'-DDE	6.095	5.157	202.4E6	90878890	48.831	45.771
13)	MA Dieldrin	6.240	5.278	220.8E6	100.7E6	47.571	45.224m
14)	MA Endrin	6.470	5.554	187.1E6	94420909	48.642	47.314
15)	B Endosulfa...	6.691	5.852	188.4E6	87405591	46.983	44.892
16)	A 4,4'-DDD	6.615	5.715	161.5E6	77593992	48.863	46.863
17)	MA 4,4'-DDT	6.932	5.967	183.1E6	84524956	48.684	45.830
18)	B Endrin al...	6.823	6.034	139.0E6	64585413	47.974	44.007
19)	B Endosulfa...	7.059	6.259	188.7E6	86073739	48.061	45.691
20)	A Methoxychlor	7.418	6.554	95821683	45936773	49.141	44.975
21)	B Endrin ke...	7.544	6.763	199.5E6	99361205	49.048m	46.677m
22)	Mirex	8.023	6.946	160.2E6	81727017	47.560	45.937

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122523\
Data File : PL087467.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Dec 2023 02:15
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

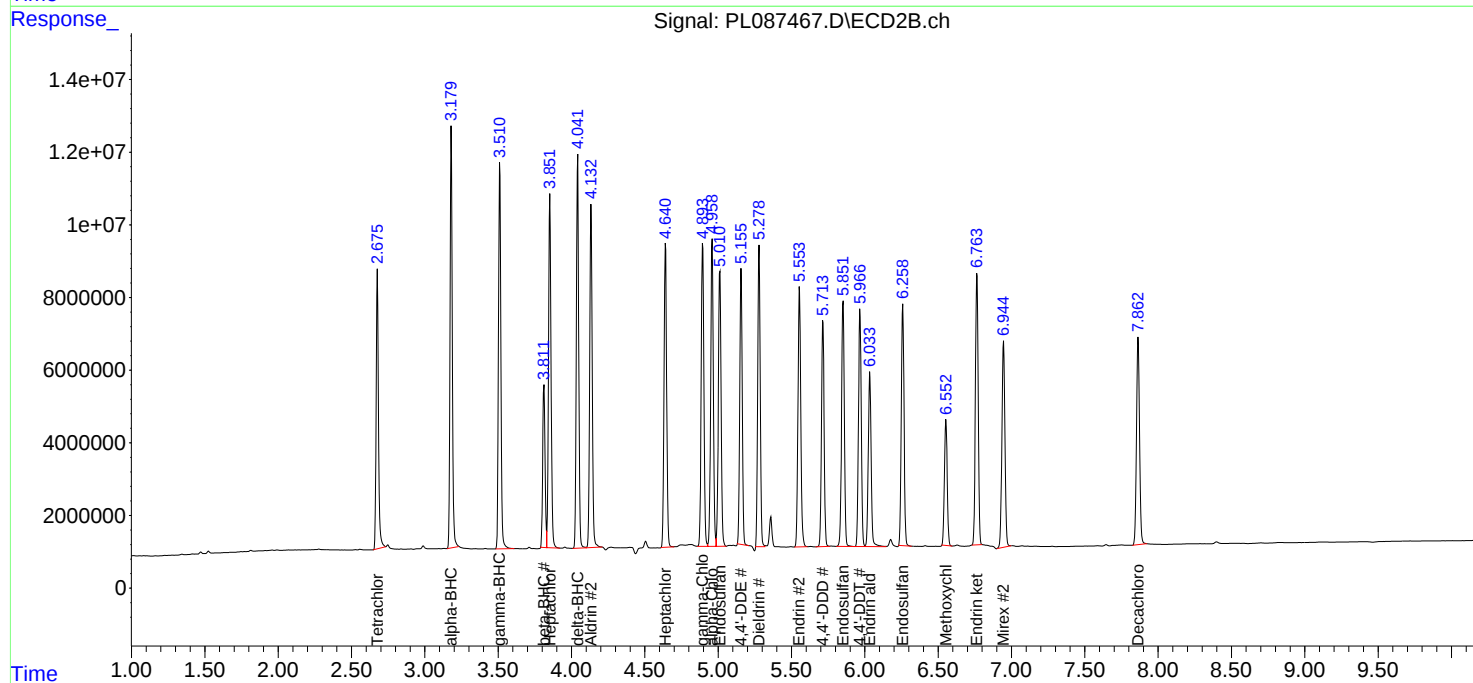
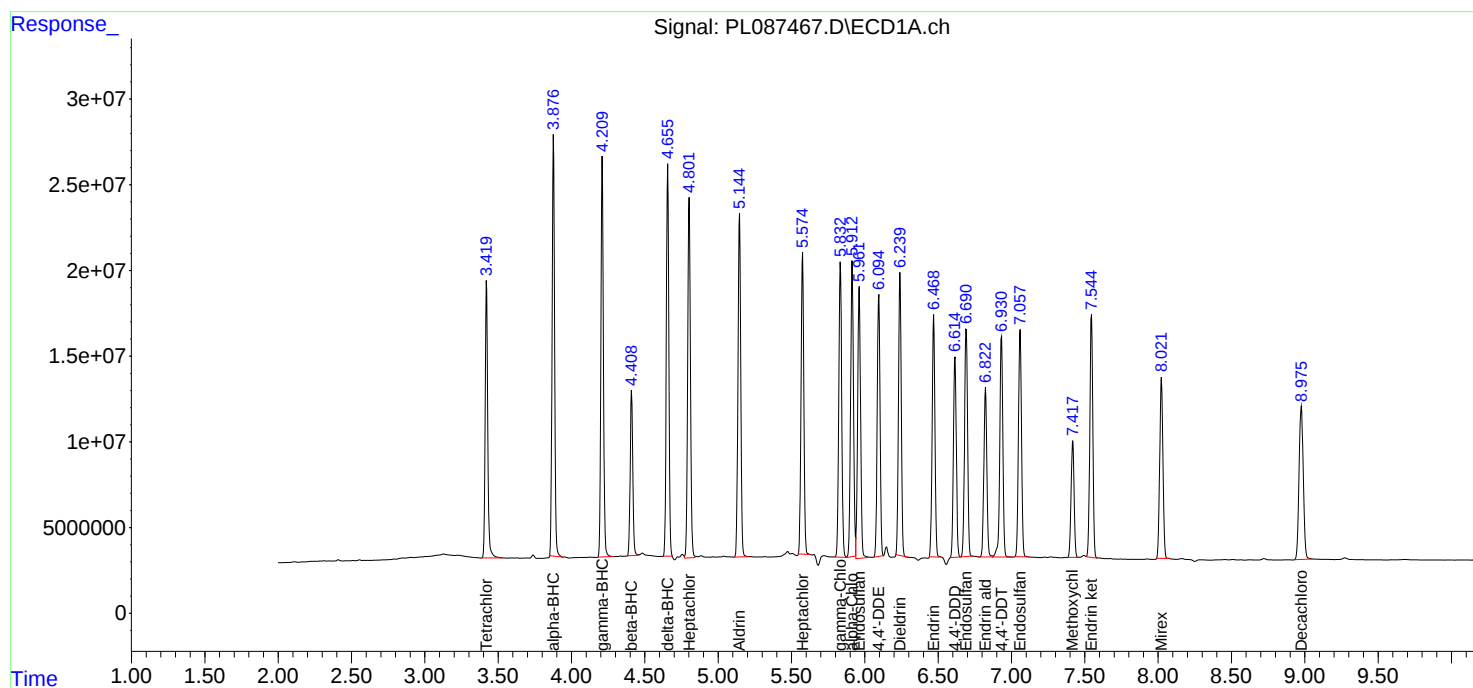
APPROVED

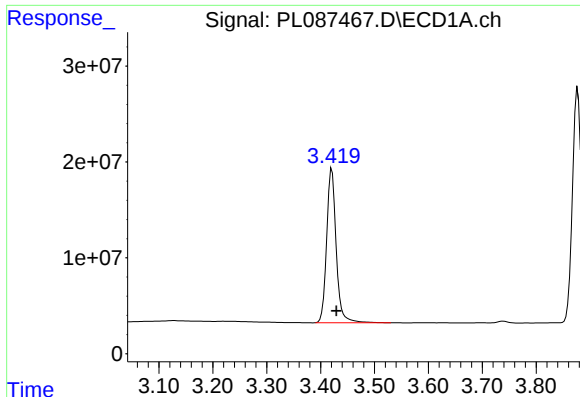
Reviewed By :Abdul Mirza 12/26/2023

Supervised By :Ankita Jodhani 12/26/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 26 03:02:50 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





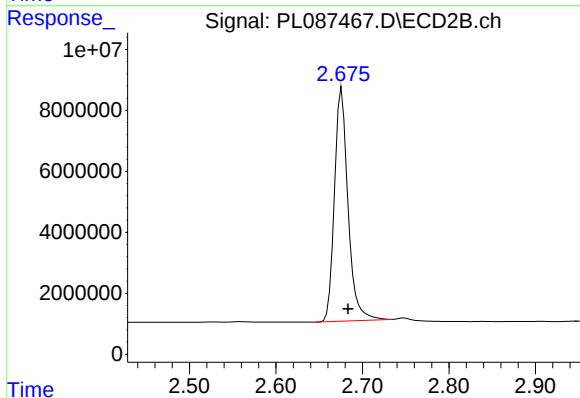
#1 Tetrachloro-m-xylene

R.T.: 3.421 min
Delta R.T.: -0.008 min
Response: 197678413
Conc: 52.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

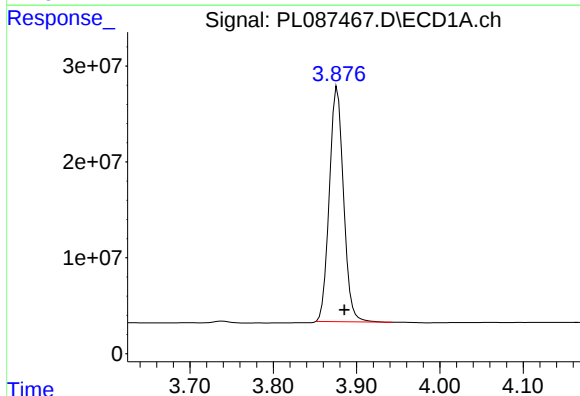
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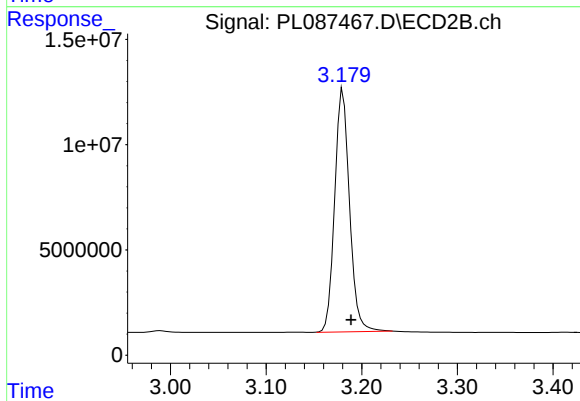
#1 Tetrachloro-m-xylene

R.T.: 2.676 min
Delta R.T.: -0.007 min
Response: 83084469
Conc: 49.36 ng/ml



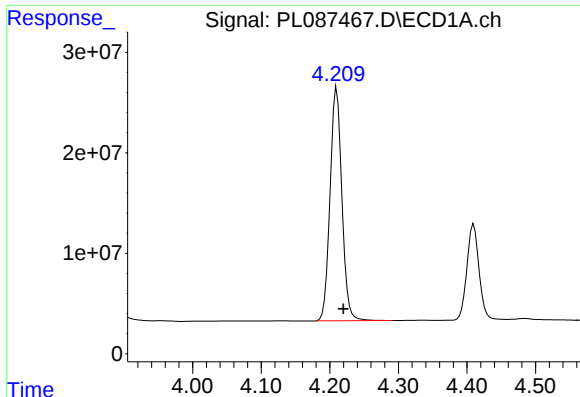
#2 alpha-BHC

R.T.: 3.877 min
Delta R.T.: -0.008 min
Response: 290168420
Conc: 53.59 ng/ml



#2 alpha-BHC

R.T.: 3.179 min
Delta R.T.: -0.010 min
Response: 124322714
Conc: 50.59 ng/ml m



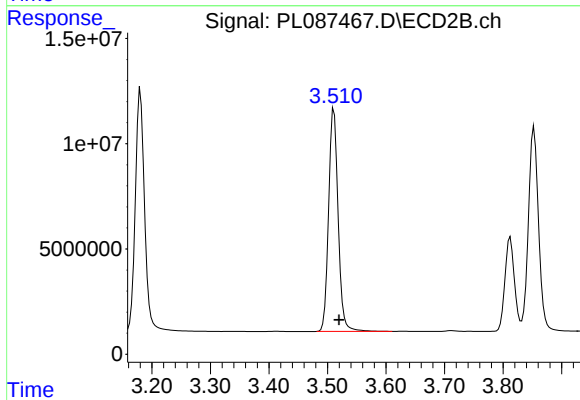
#3 gamma-BHC (Lindane)

R.T.: 4.210 min
Delta R.T.: -0.010 min
Response: 277859302
Conc: 52.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

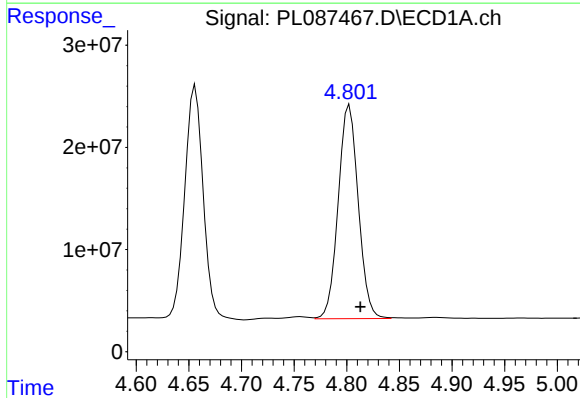
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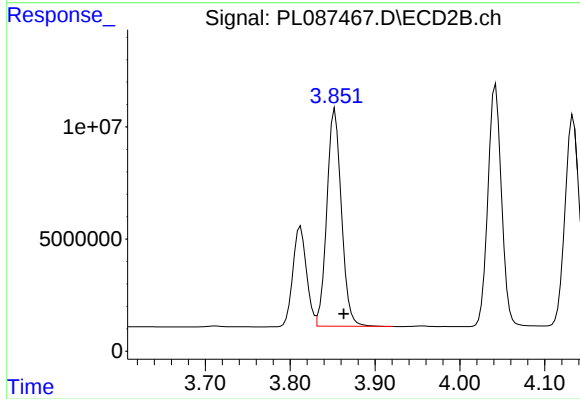
#3 gamma-BHC (Lindane)

R.T.: 3.511 min
Delta R.T.: -0.009 min
Response: 119529561
Conc: 49.34 ng/ml



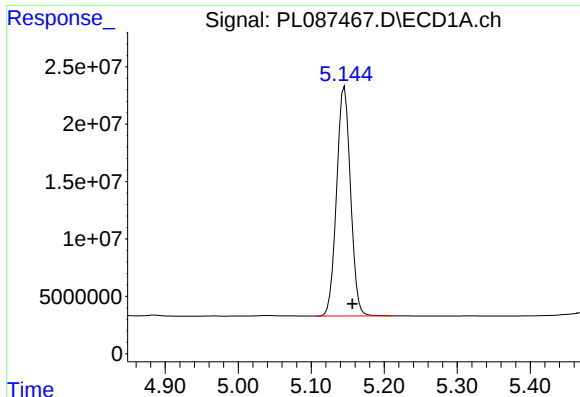
#4 Heptachlor

R.T.: 4.801 min
Delta R.T.: -0.012 min
Response: 278399553
Conc: 52.27 ng/ml m



#4 Heptachlor

R.T.: 3.853 min
Delta R.T.: -0.010 min
Response: 115807264
Conc: 48.45 ng/ml



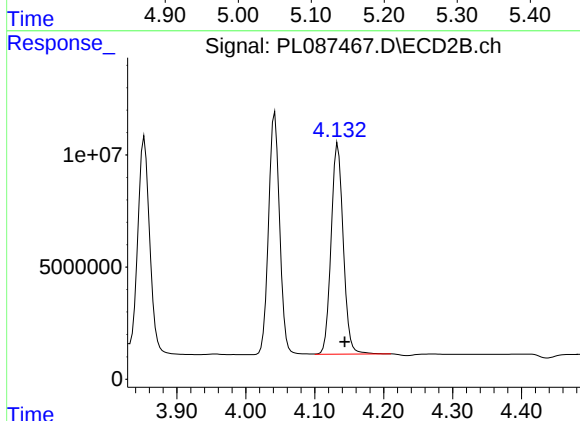
#5 Aldrin

R.T.: 5.146 min
Delta R.T.: -0.011 min
Response: 264864136
Conc: 50.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

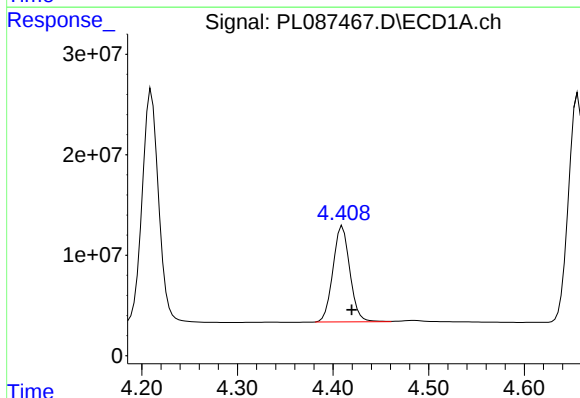
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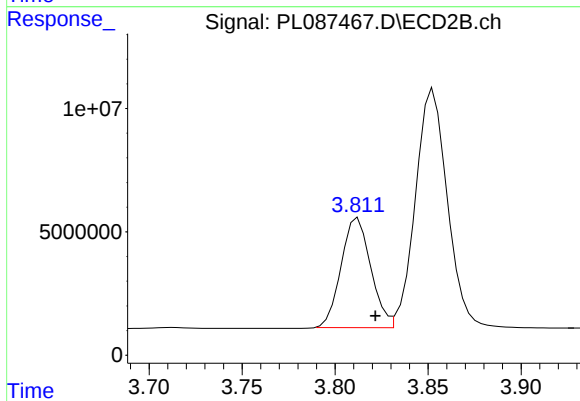
#5 Aldrin

R.T.: 4.133 min
Delta R.T.: -0.010 min
Response: 114727105
Conc: 47.85 ng/ml



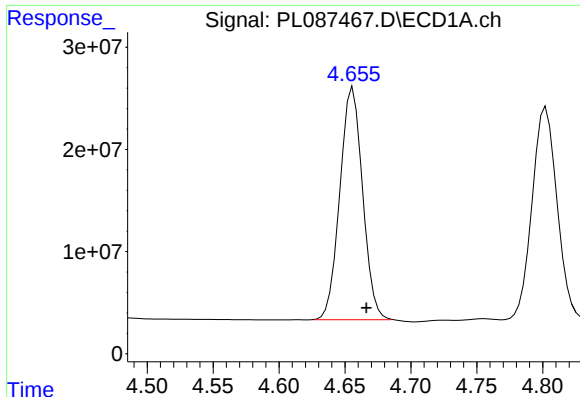
#6 beta-BHC

R.T.: 4.410 min
Delta R.T.: -0.010 min
Response: 117019001
Conc: 50.95 ng/ml



#6 beta-BHC

R.T.: 3.812 min
Delta R.T.: -0.009 min
Response: 49365763
Conc: 47.42 ng/ml



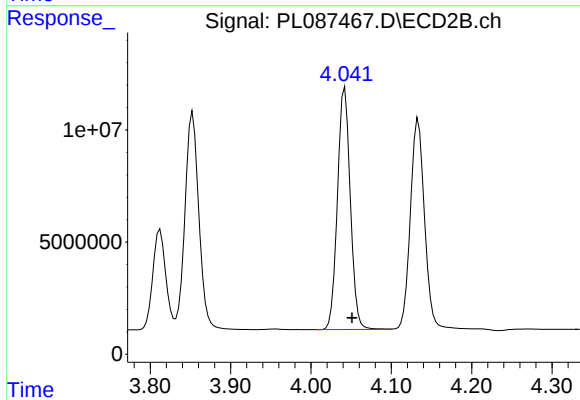
#7 delta-BHC

R.T.: 4.655 min
Delta R.T.: -0.011 min
Response: 272698383
Conc: 52.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

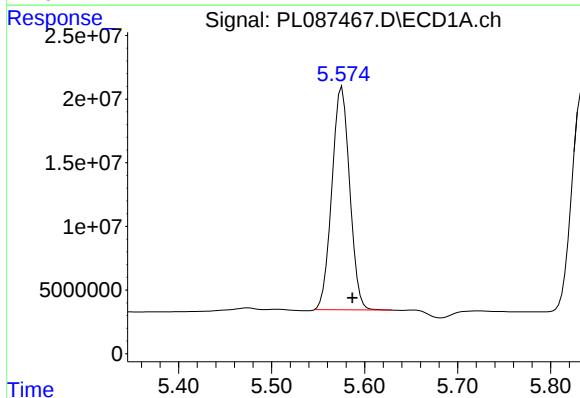
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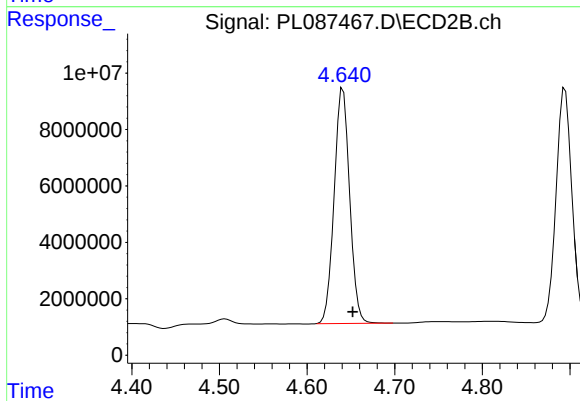
#7 delta-BHC

R.T.: 4.042 min
Delta R.T.: -0.009 min
Response: 120237628
Conc: 49.15 ng/ml



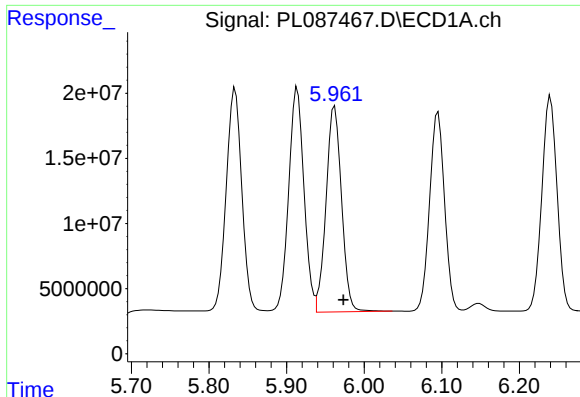
#8 Heptachlor epoxide

R.T.: 5.576 min
Delta R.T.: -0.011 min
Response: 233056860
Conc: 49.45 ng/ml



#8 Heptachlor epoxide

R.T.: 4.641 min
Delta R.T.: -0.011 min
Response: 102677311
Conc: 46.14 ng/ml



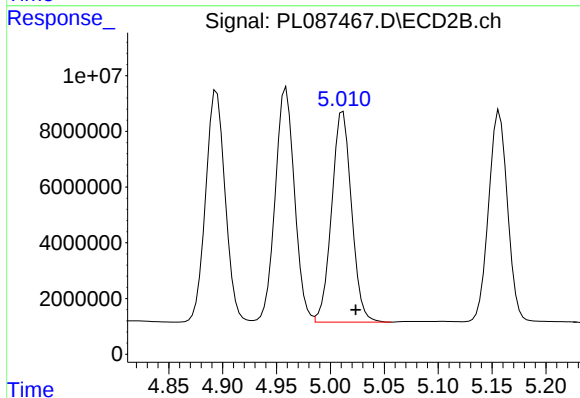
#9 Endosulfan I

R.T.: 5.962 min
Delta R.T.: -0.011 min
Response: 219541664
Conc: 49.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

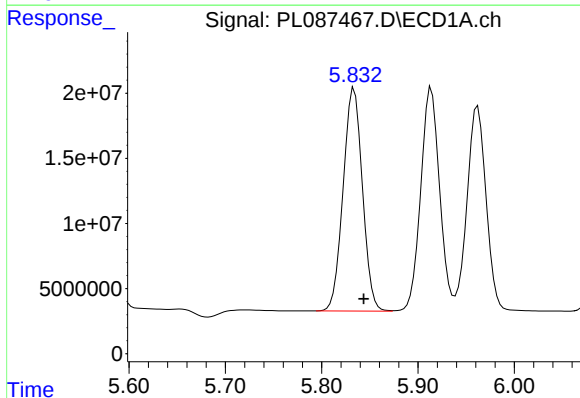
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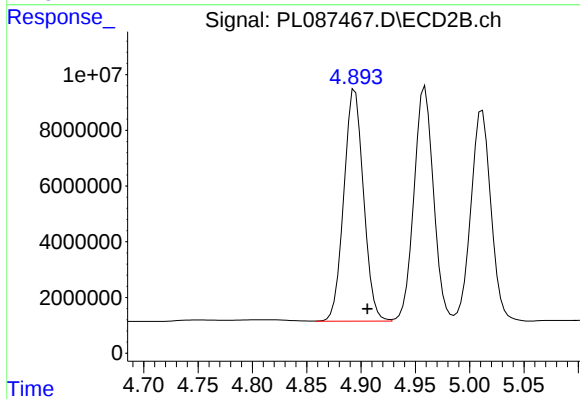
#9 Endosulfan I

R.T.: 5.012 min
Delta R.T.: -0.012 min
Response: 97135335
Conc: 44.95 ng/ml



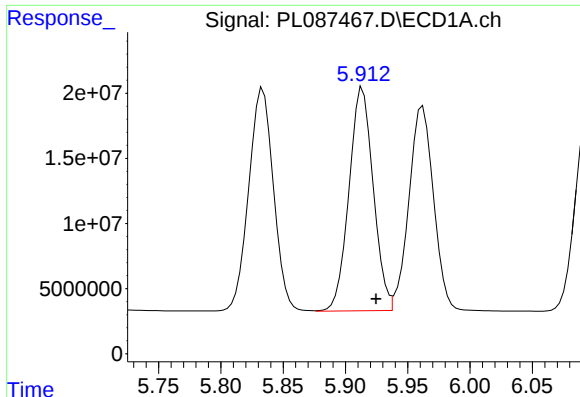
#10 gamma-Chlordane

R.T.: 5.832 min
Delta R.T.: -0.011 min
Response: 237660969
Conc: 49.02 ng/ml m



#10 gamma-Chlordane

R.T.: 4.894 min
Delta R.T.: -0.011 min
Response: 104954293
Conc: 45.88 ng/ml



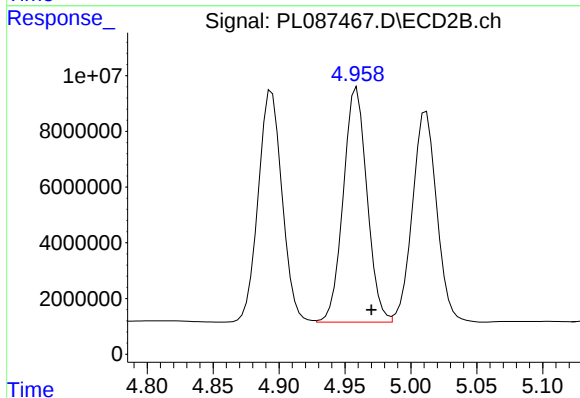
#11 alpha-Chlordane

R.T.: 5.912 min
Delta R.T.: -0.012 min
Response: 232464777
Conc: 48.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

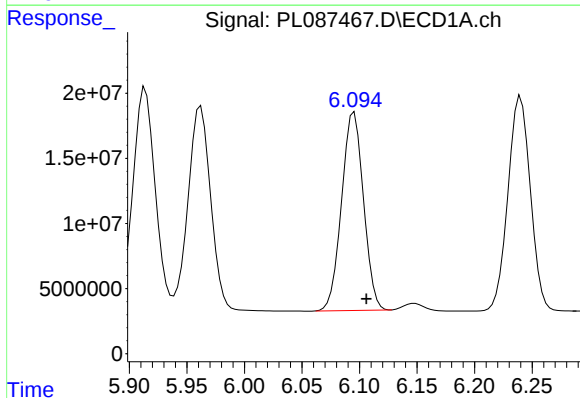
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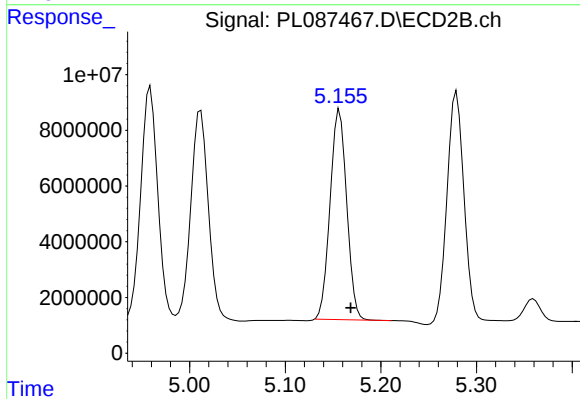
#11 alpha-Chlordane

R.T.: 4.959 min
Delta R.T.: -0.011 min
Response: 105319981
Conc: 45.63 ng/ml



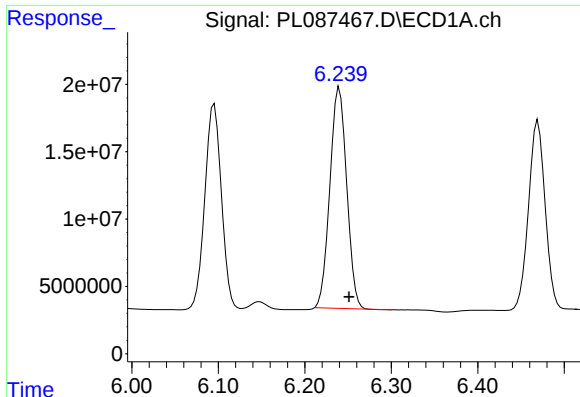
#12 4,4'-DDE

R.T.: 6.095 min
Delta R.T.: -0.011 min
Response: 202356296
Conc: 48.83 ng/ml



#12 4,4'-DDE

R.T.: 5.157 min
Delta R.T.: -0.012 min
Response: 90878890
Conc: 45.77 ng/ml



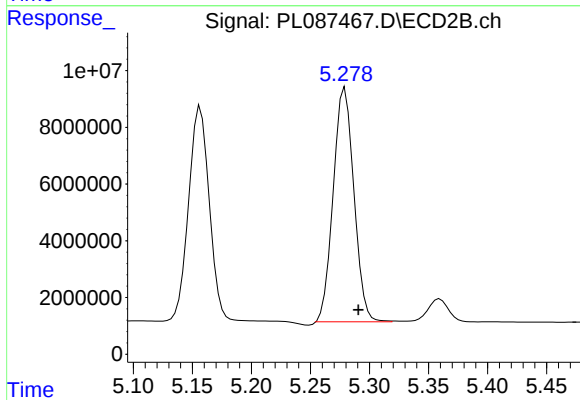
#13 Dieldrin

R.T.: 6.240 min
Delta R.T.: -0.011 min
Response: 220770845
Conc: 47.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

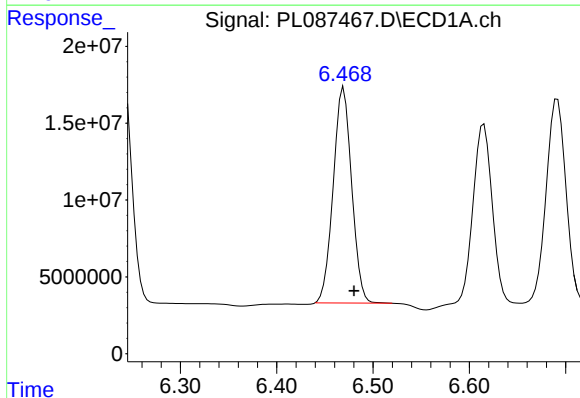
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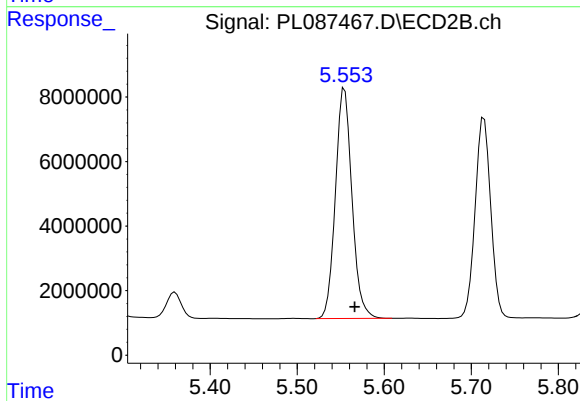
#13 Dieldrin

R.T.: 5.278 min
Delta R.T.: -0.013 min
Response: 100748192
Conc: 45.22 ng/ml m



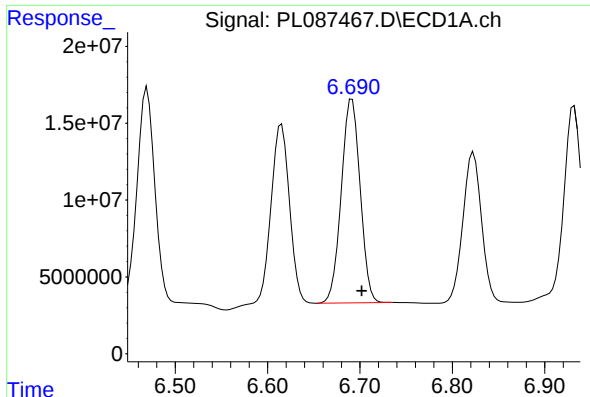
#14 Endrin

R.T.: 6.470 min
Delta R.T.: -0.011 min
Response: 187144819
Conc: 48.64 ng/ml



#14 Endrin

R.T.: 5.554 min
Delta R.T.: -0.012 min
Response: 94420909
Conc: 47.31 ng/ml



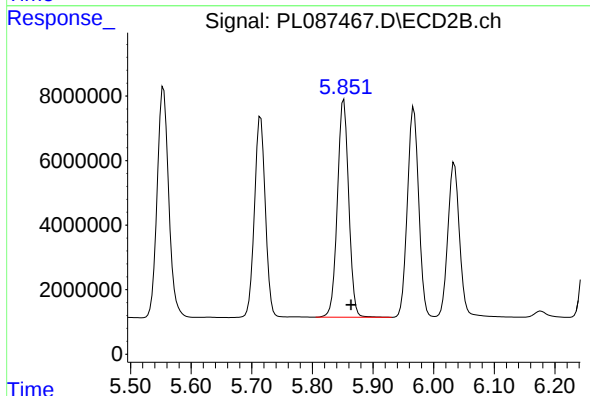
#15 Endosulfan II

R.T.: 6.691 min
Delta R.T.: -0.011 min
Response: 188419805
Conc: 46.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

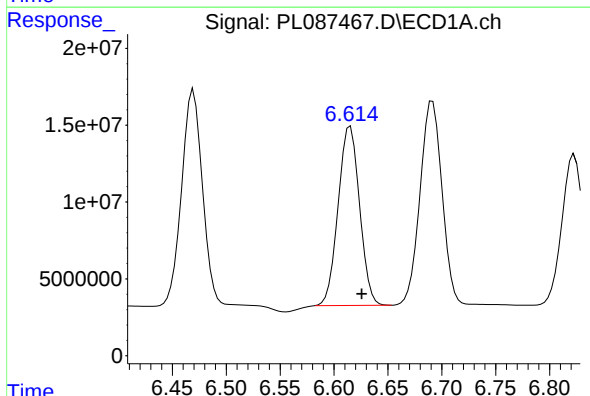
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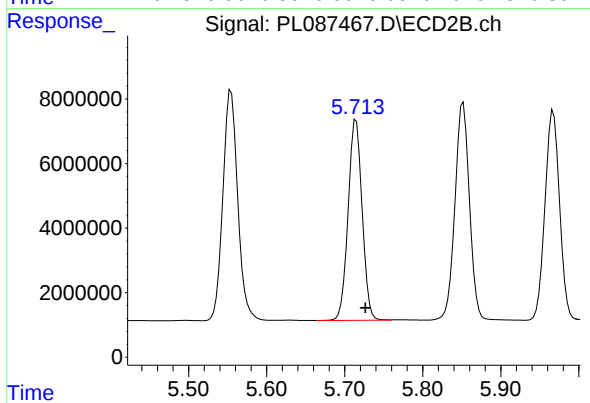
#15 Endosulfan II

R.T.: 5.852 min
Delta R.T.: -0.012 min
Response: 87405591
Conc: 44.89 ng/ml



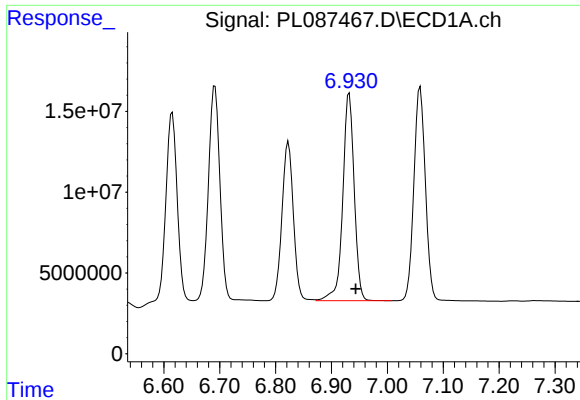
#16 4,4'-DDD

R.T.: 6.615 min
Delta R.T.: -0.011 min
Response: 161496975
Conc: 48.86 ng/ml



#16 4,4'-DDD

R.T.: 5.715 min
Delta R.T.: -0.012 min
Response: 77593992
Conc: 46.86 ng/ml



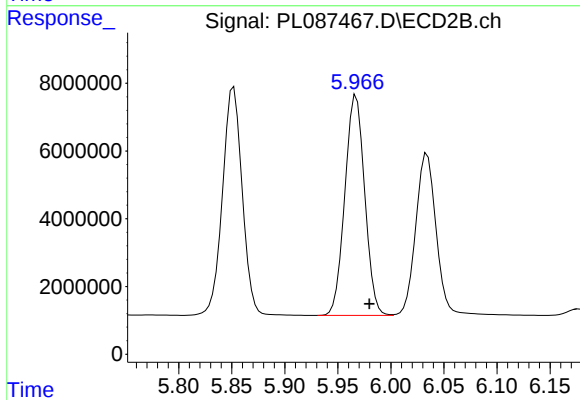
#17 4,4'-DDT

R.T.: 6.932 min
Delta R.T.: -0.012 min
Response: 183061288
Conc: 48.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

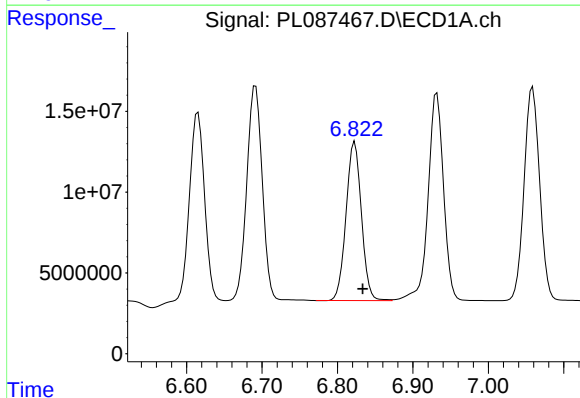
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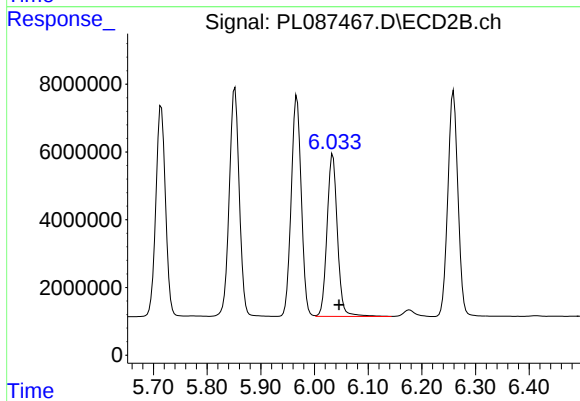
#17 4,4'-DDT

R.T.: 5.967 min
Delta R.T.: -0.012 min
Response: 84524956
Conc: 45.83 ng/ml



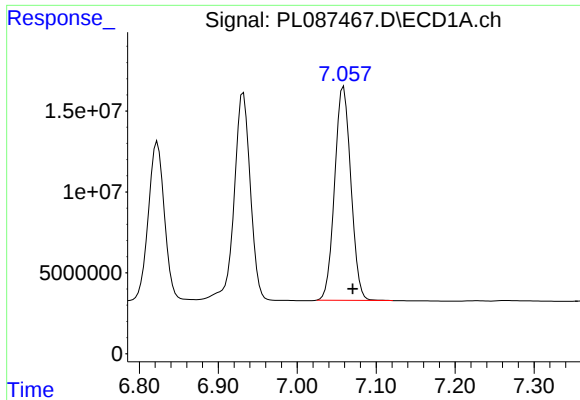
#18 Endrin aldehyde

R.T.: 6.823 min
Delta R.T.: -0.011 min
Response: 139047403
Conc: 47.97 ng/ml



#18 Endrin aldehyde

R.T.: 6.034 min
Delta R.T.: -0.012 min
Response: 64585413
Conc: 44.01 ng/ml



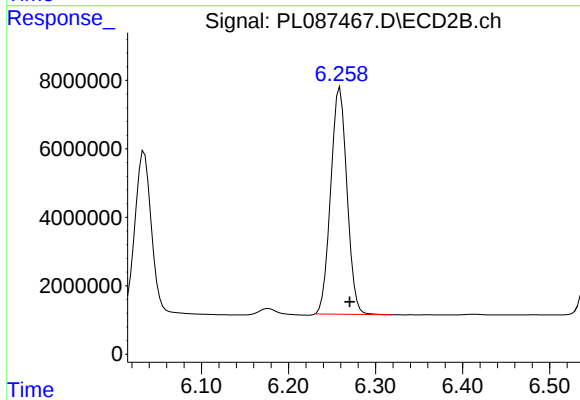
#19 Endosulfan Sulfate

R.T.: 7.059 min
Delta R.T.: -0.012 min
Response: 188728923
Conc: 48.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

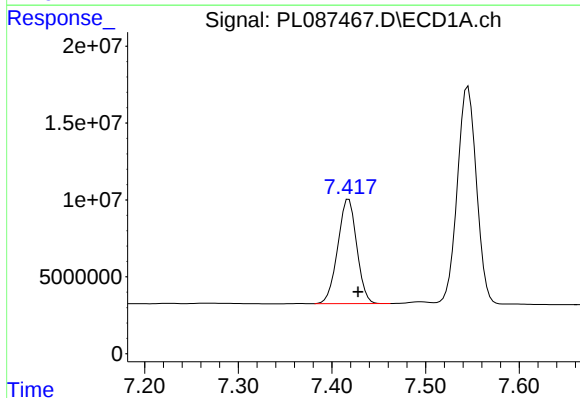
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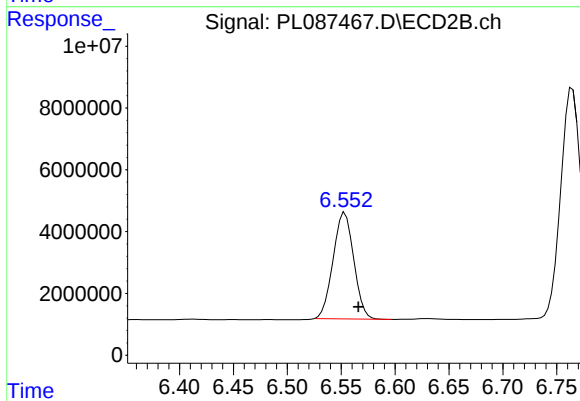
#19 Endosulfan Sulfate

R.T.: 6.259 min
Delta R.T.: -0.011 min
Response: 86073739
Conc: 45.69 ng/ml



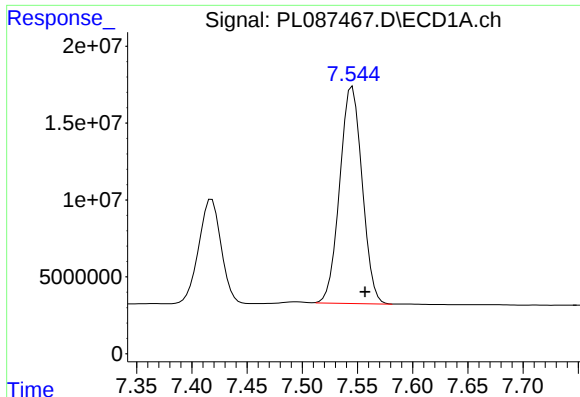
#20 Methoxychlor

R.T.: 7.418 min
Delta R.T.: -0.010 min
Response: 95821683
Conc: 49.14 ng/ml



#20 Methoxychlor

R.T.: 6.554 min
Delta R.T.: -0.013 min
Response: 45936773
Conc: 44.97 ng/ml



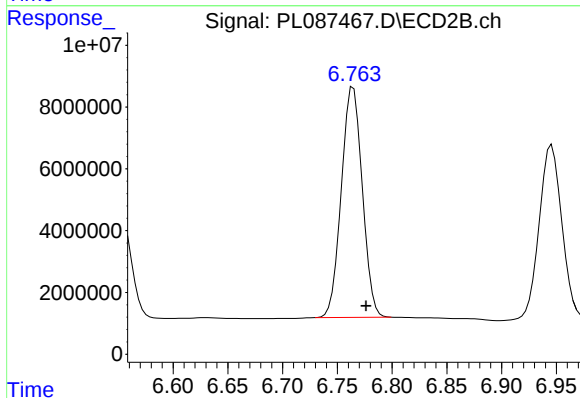
#21 Endrin ketone

R.T.: 7.544 min
Delta R.T.: -0.013 min
Response: 199542169
Conc: 49.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

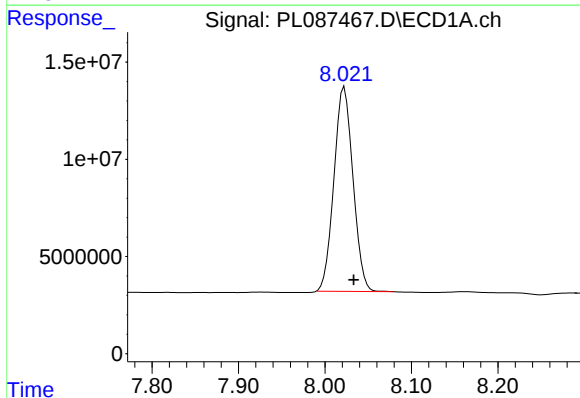
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/26/2023
Supervised By :Ankita Jodhani 12/26/2023



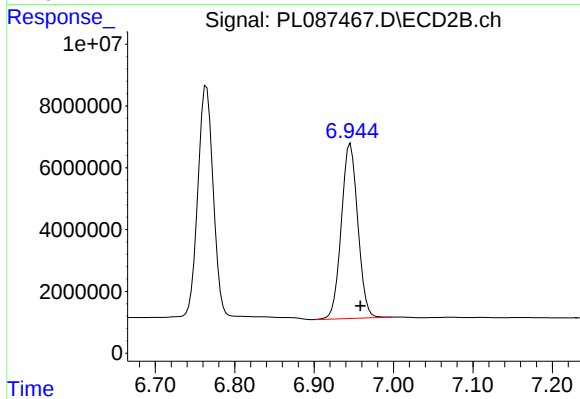
#21 Endrin ketone

R.T.: 6.763 min
Delta R.T.: -0.013 min
Response: 99361205
Conc: 46.68 ng/ml m



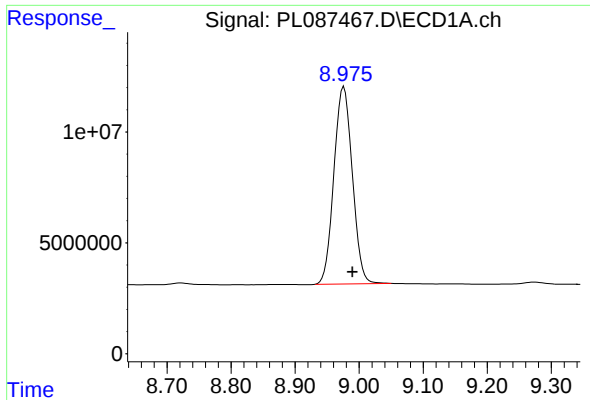
#22 Mirex

R.T.: 8.023 min
Delta R.T.: -0.011 min
Response: 160183422
Conc: 47.56 ng/ml



#22 Mirex

R.T.: 6.946 min
Delta R.T.: -0.013 min
Response: 81727017
Conc: 45.94 ng/ml



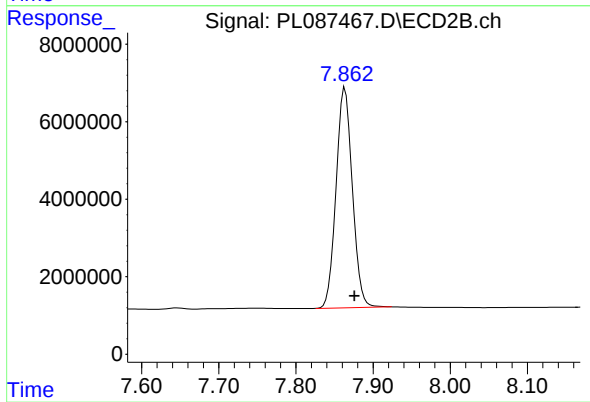
#28 Decachlorobiphenyl

R.T.: 8.976 min
Delta R.T.: -0.013 min
Response: 177879502
Conc: 52.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 12/26/2023



#28 Decachlorobiphenyl

R.T.: 7.862 min
Delta R.T.: -0.013 min
Response: 83450961
Conc: 49.41 ng/ml m