

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122623\
 Data File : PL087505.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Dec 2023 20:13
 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 02:53:51 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	203.7E6	86200576	54.127	51.210
28)	SA Decachlor...	8.978	7.863	182.1E6	84724755	53.410	50.164m
Target Compounds							
2)	A alpha-BHC	3.877	3.179	298.6E6	128.5E6	55.148	52.274m
3)	MA gamma-BHC...	4.211	3.511	285.2E6	123.9E6	54.265	51.162
4)	MA Heptachlor	4.802	3.853	280.6E6	118.4E6	52.685m	49.513
5)	MB Aldrin	5.146	4.134	273.2E6	118.4E6	52.474	49.381
6)	B beta-BHC	4.410	3.812	119.1E6	50806659	51.835	48.806
7)	B delta-BHC	4.655	4.042	287.9E6	123.6E6	55.054m	50.524
8)	B Heptachlo...	5.576	4.641	239.9E6	105.5E6	50.897	47.414
9)	A Endosulfan I	5.963	5.012	227.6E6	100.6E6	50.957	46.548
10)	B gamma-Chl...	5.833	4.894	246.6E6	109.5E6	50.869m	47.853
11)	B alpha-Chl...	5.915	4.959	247.7E6	109.7E6	51.542	47.519
12)	B 4,4'-DDE	6.096	5.155	209.2E6	95378865	50.478	48.037m
13)	MA Dieldrin	6.241	5.280	232.4E6	104.2E6	50.085	46.775
14)	MA Endrin	6.471	5.555	194.4E6	99328692	50.536	49.773
15)	B Endosulfa...	6.692	5.853	196.8E6	88086300	49.076	45.242
16)	A 4,4'-DDD	6.617	5.715	177.0E6	81442577	53.555	49.188
17)	MA 4,4'-DDT	6.933	5.968	186.0E6	84797830	49.460	45.978
18)	B Endrin al...	6.824	6.035	142.7E6	66384694	49.241	45.233
19)	B Endosulfa...	7.061	6.260	193.0E6	87596144	49.151	46.499
20)	A Methoxychlor	7.419	6.554	96542374	46107072	49.511	45.141
21)	B Endrin ke...	7.545	6.764	205.1E6	101.3E6	50.404m	47.600m
22)	Mirex	8.025	6.947	160.4E6	81955583	47.623	46.065

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122623\
 Data File : PL087505.D
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 Acq On : 26 Dec 2023 20:13
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

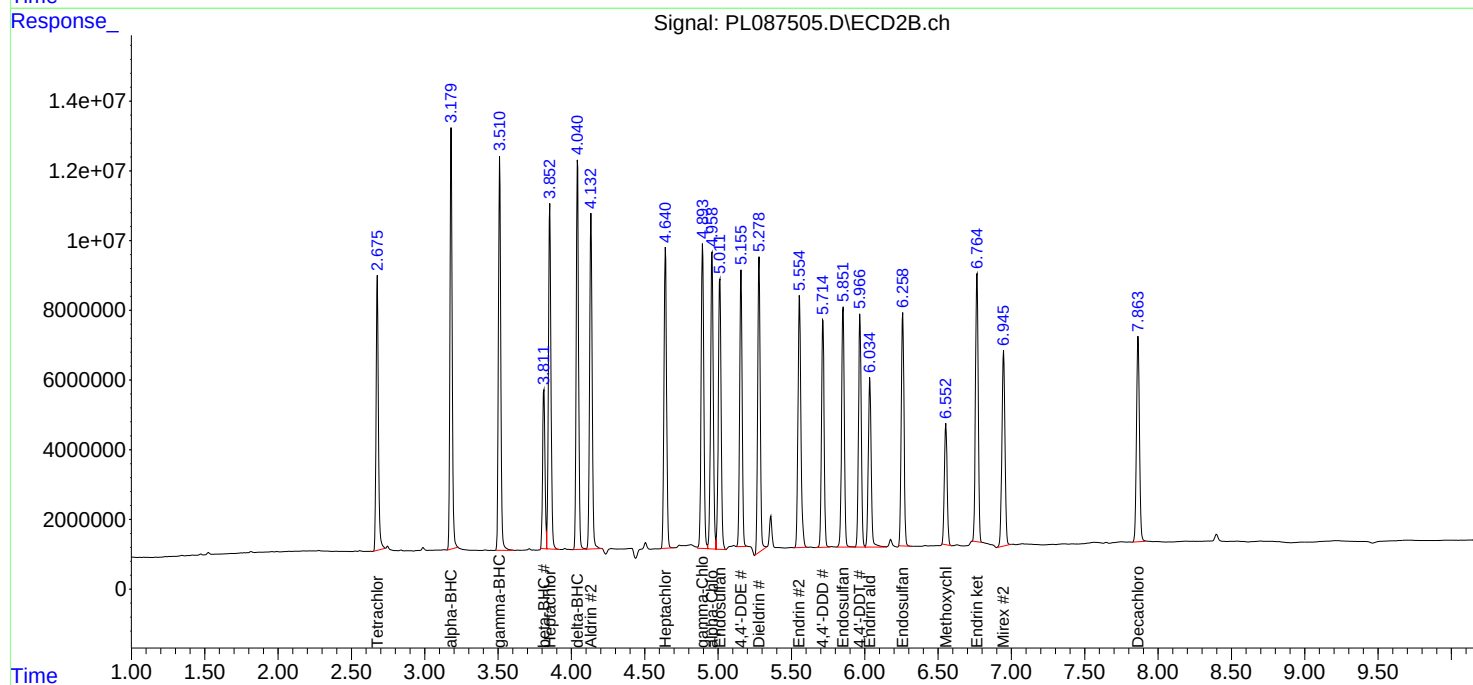
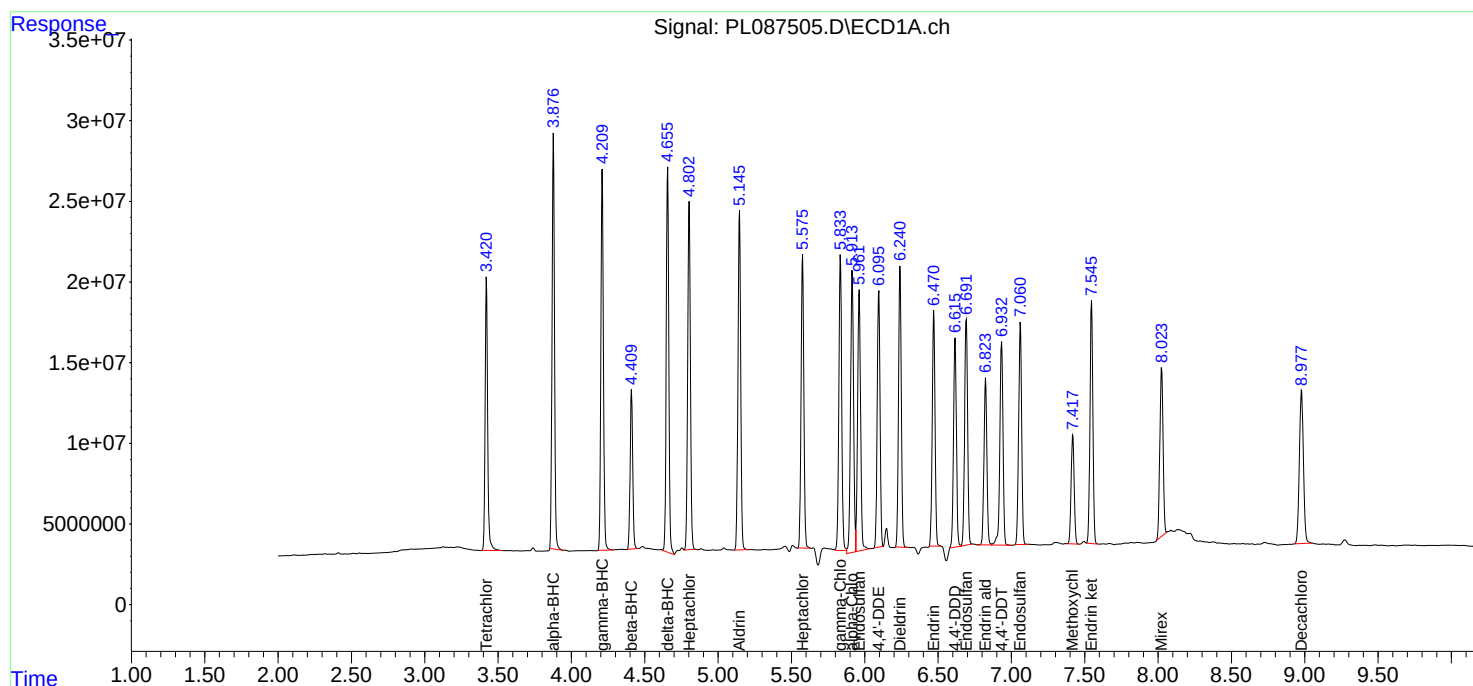
APPROVED

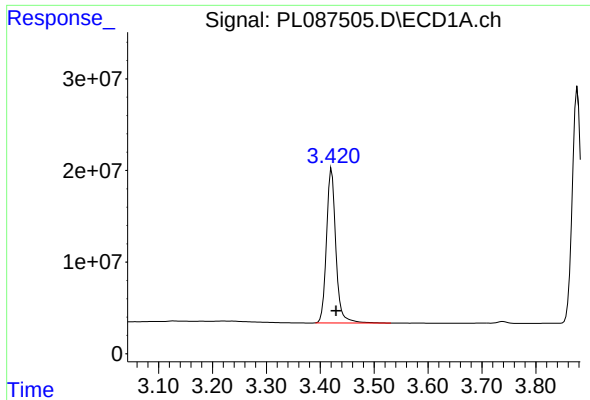
Reviewed By :Abdul Mirza 12/28/2023

Supervised By :Ankita Jodhani 12/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 27 02:53:51 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





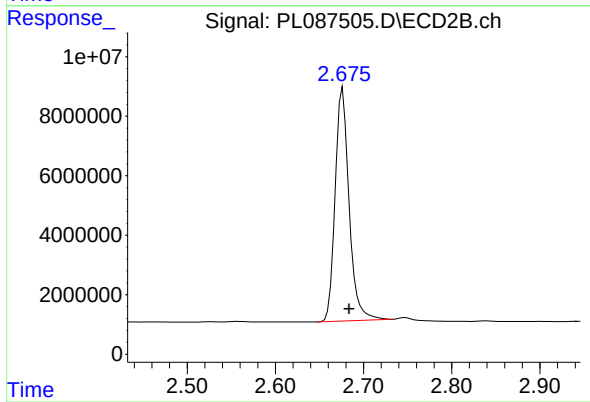
#1 Tetrachloro-m-xylene

R.T.: 3.421 min
Delta R.T.: -0.008 min
Response: 203702334
Conc: 54.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

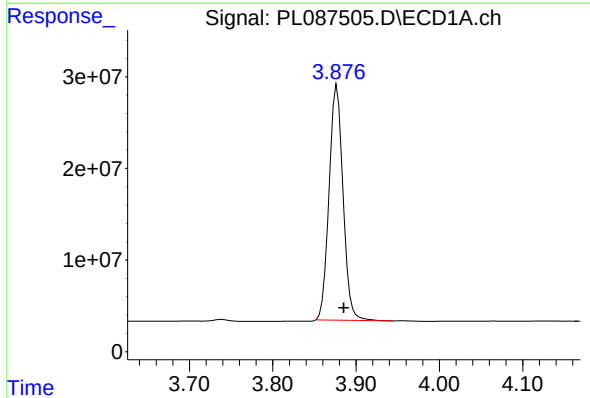
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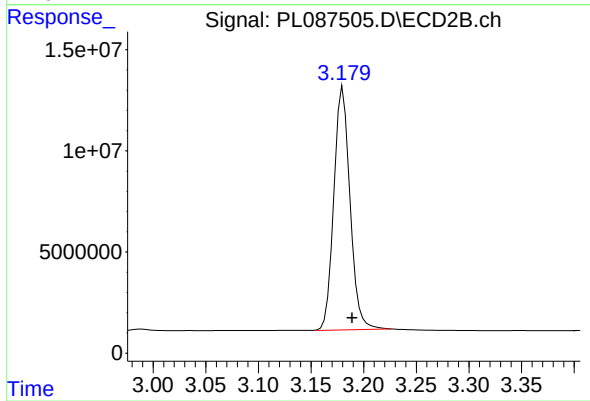
#1 Tetrachloro-m-xylene

R.T.: 2.676 min
Delta R.T.: -0.007 min
Response: 86200576
Conc: 51.21 ng/ml



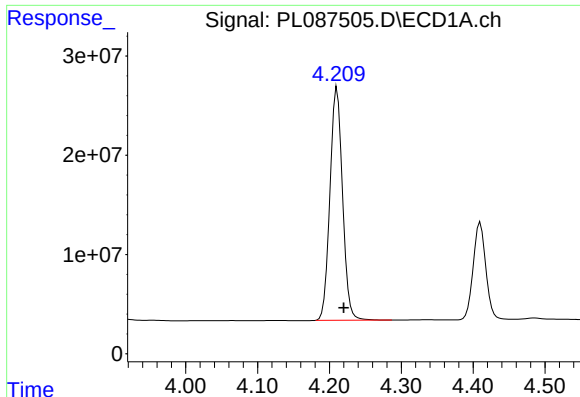
#2 alpha-BHC

R.T.: 3.877 min
Delta R.T.: -0.008 min
Response: 298578588
Conc: 55.15 ng/ml



#2 alpha-BHC

R.T.: 3.179 min
Delta R.T.: -0.010 min
Response: 128467777
Conc: 52.27 ng/ml m



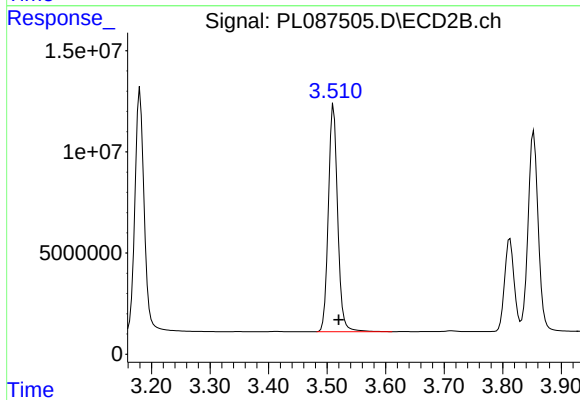
#3 gamma-BHC (Lindane)

R.T.: 4.211 min
Delta R.T.: -0.009 min
Response: 285201167
Conc: 54.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

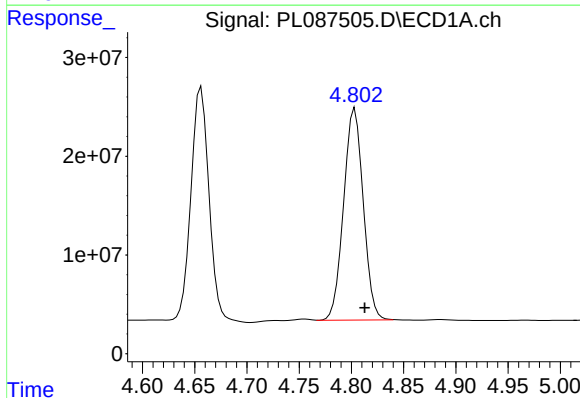
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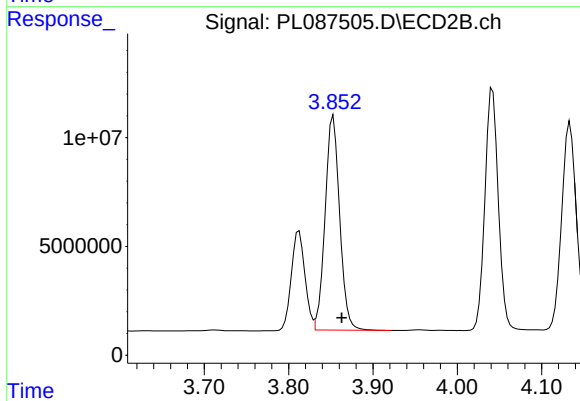
#3 gamma-BHC (Lindane)

R.T.: 3.511 min
Delta R.T.: -0.009 min
Response: 123935701
Conc: 51.16 ng/ml



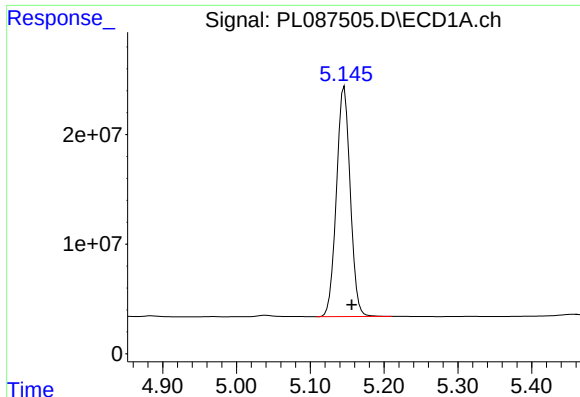
#4 Heptachlor

R.T.: 4.802 min
Delta R.T.: -0.011 min
Response: 280632872
Conc: 52.69 ng/ml m



#4 Heptachlor

R.T.: 3.853 min
Delta R.T.: -0.010 min
Response: 118351499
Conc: 49.51 ng/ml



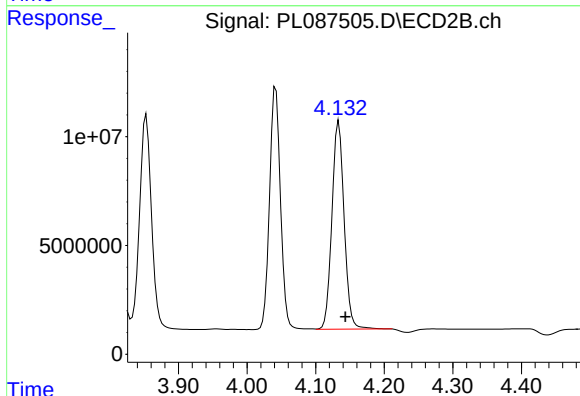
#5 Aldrin

R.T.: 5.146 min
Delta R.T.: -0.010 min
Response: 273202732
Conc: 52.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

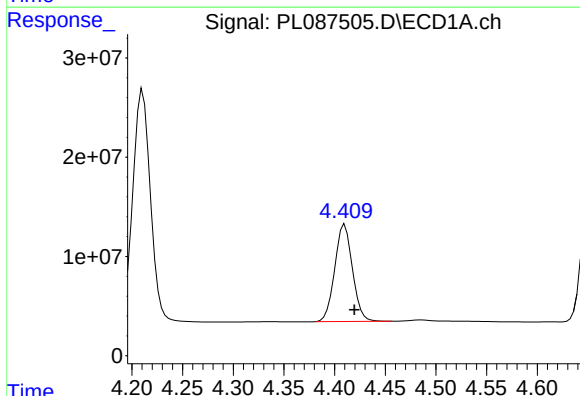
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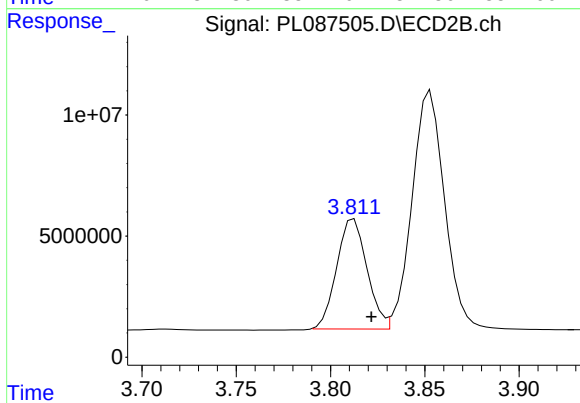
#5 Aldrin

R.T.: 4.134 min
Delta R.T.: -0.010 min
Response: 118402709
Conc: 49.38 ng/ml



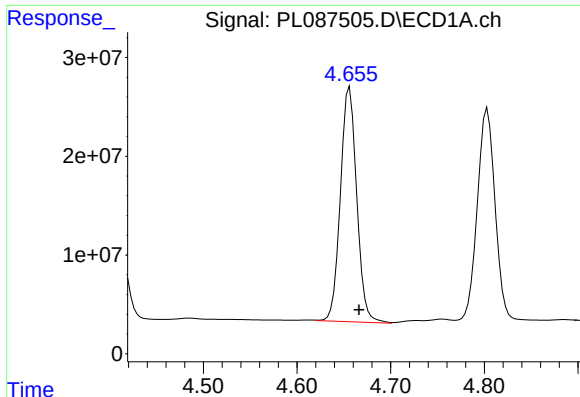
#6 beta-BHC

R.T.: 4.410 min
Delta R.T.: -0.010 min
Response: 119054883
Conc: 51.84 ng/ml



#6 beta-BHC

R.T.: 3.812 min
Delta R.T.: -0.009 min
Response: 50806659
Conc: 48.81 ng/ml



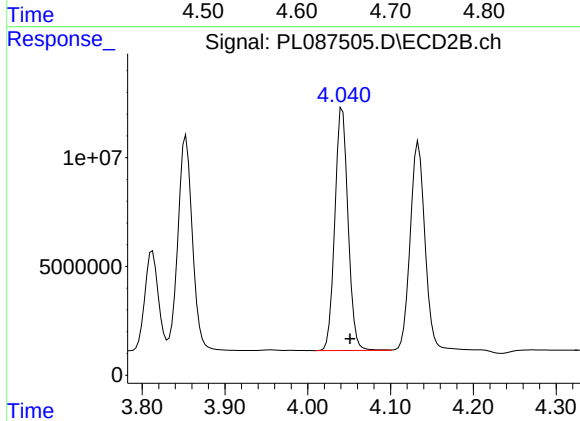
#7 delta-BHC

R.T.: 4.655 min
Delta R.T.: -0.011 min
Response: 287900864
Conc: 55.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

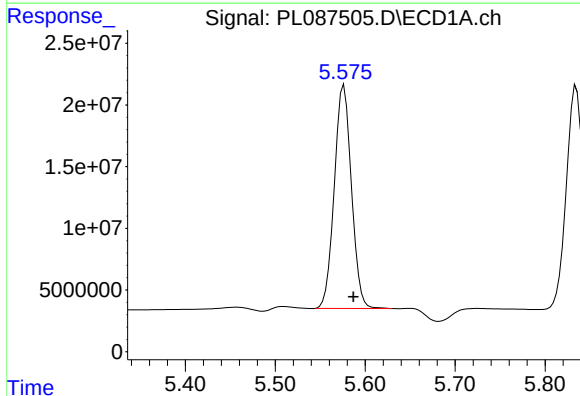
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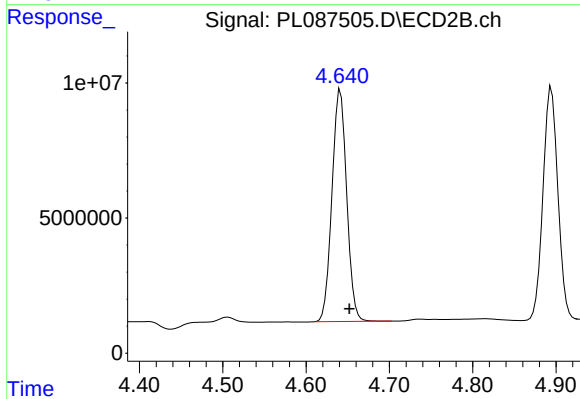
#7 delta-BHC

R.T.: 4.042 min
Delta R.T.: -0.009 min
Response: 123592530
Conc: 50.52 ng/ml



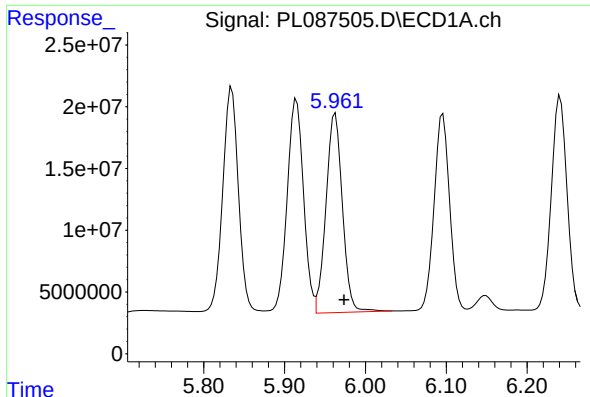
#8 Heptachlor epoxide

R.T.: 5.576 min
Delta R.T.: -0.010 min
Response: 239867133
Conc: 50.90 ng/ml



#8 Heptachlor epoxide

R.T.: 4.641 min
Delta R.T.: -0.011 min
Response: 105510465
Conc: 47.41 ng/ml



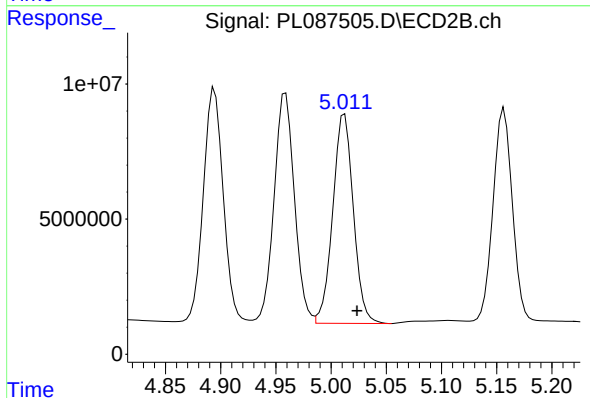
#9 Endosulfan I

R.T.: 5.963 min
Delta R.T.: -0.011 min
Response: 227589031
Conc: 50.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

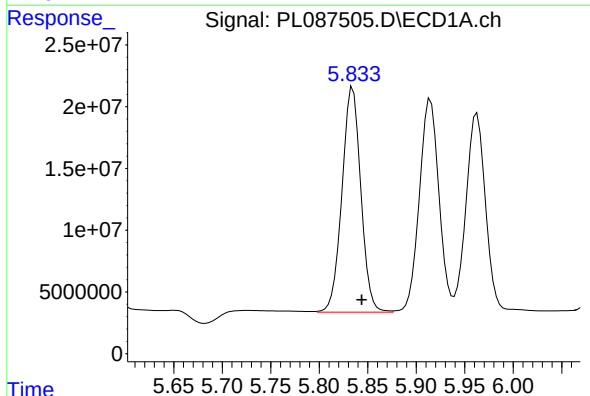
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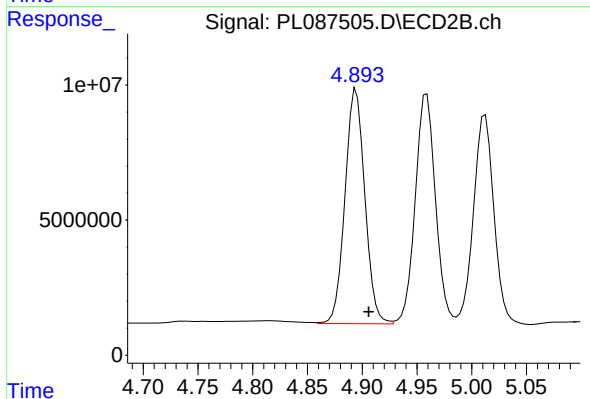
#9 Endosulfan I

R.T.: 5.012 min
Delta R.T.: -0.011 min
Response: 100597992
Conc: 46.55 ng/ml



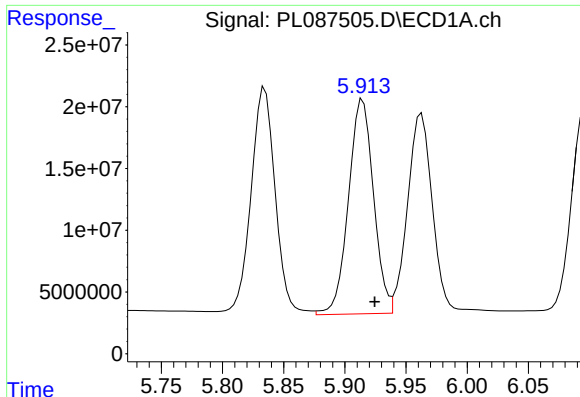
#10 gamma-Chlordane

R.T.: 5.833 min
Delta R.T.: -0.011 min
Response: 246611877
Conc: 50.87 ng/ml m



#10 gamma-Chlordane

R.T.: 4.894 min
Delta R.T.: -0.011 min
Response: 109456838
Conc: 47.85 ng/ml



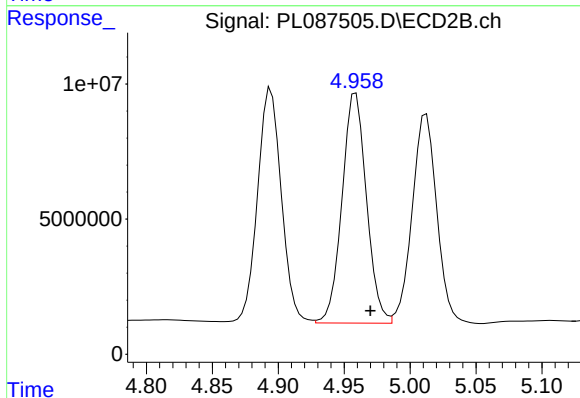
#11 alpha-Chlordane

R.T.: 5.915 min
Delta R.T.: -0.010 min
Response: 247718168
Conc: 51.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

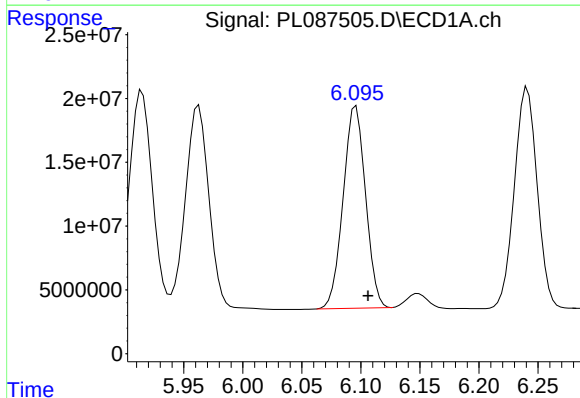
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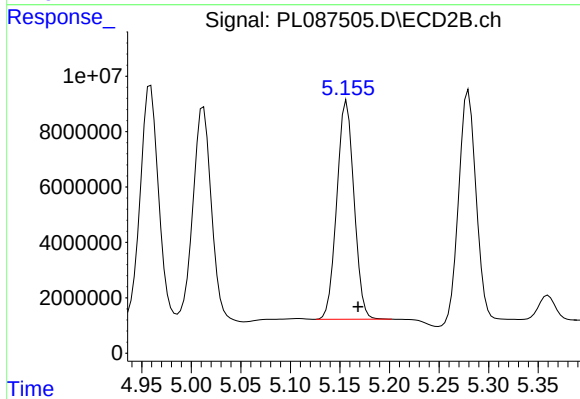
#11 alpha-Chlordane

R.T.: 4.959 min
Delta R.T.: -0.011 min
Response: 109673925
Conc: 47.52 ng/ml



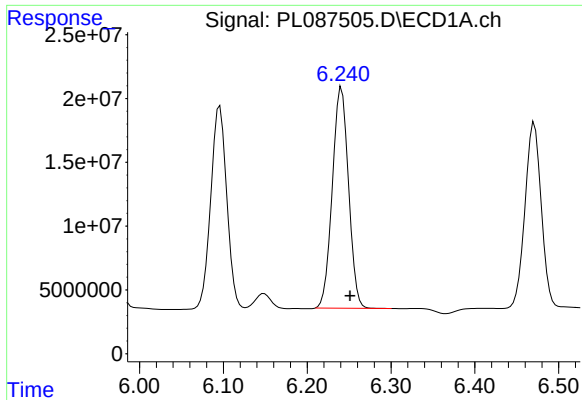
#12 4,4'-DDE

R.T.: 6.096 min
Delta R.T.: -0.010 min
Response: 209182935
Conc: 50.48 ng/ml



#12 4,4'-DDE

R.T.: 5.155 min
Delta R.T.: -0.013 min
Response: 95378865
Conc: 48.04 ng/ml m



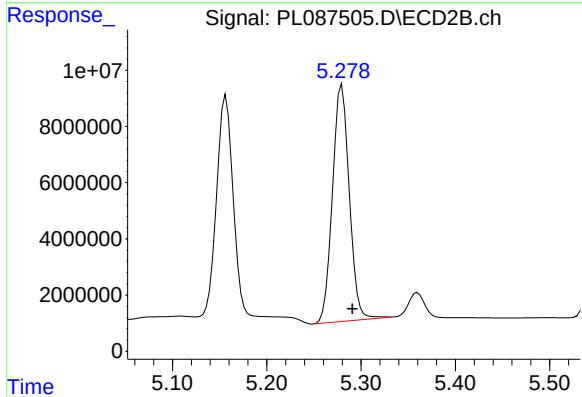
#13 Dieldrin

R.T.: 6.241 min
Delta R.T.: -0.010 min
Response: 232440321
Conc: 50.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

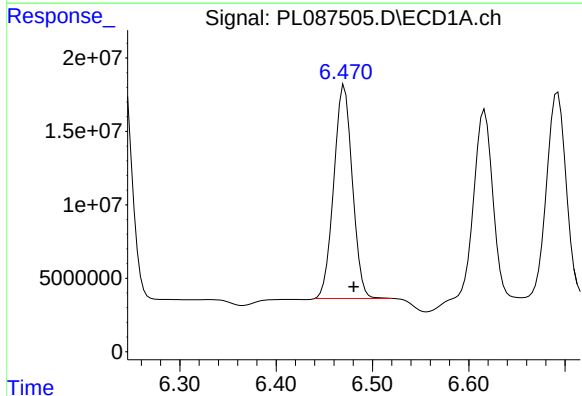
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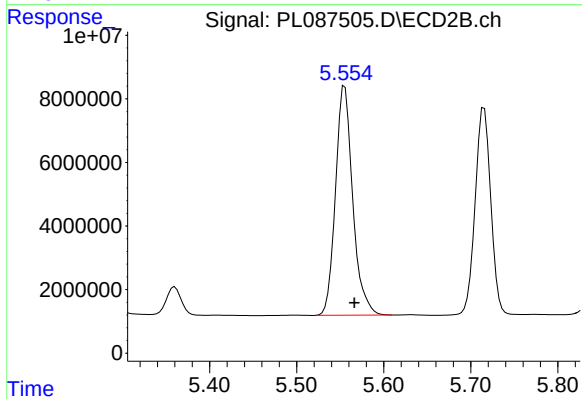
#13 Dieldrin

R.T.: 5.280 min
Delta R.T.: -0.011 min
Response: 104202779
Conc: 46.77 ng/ml



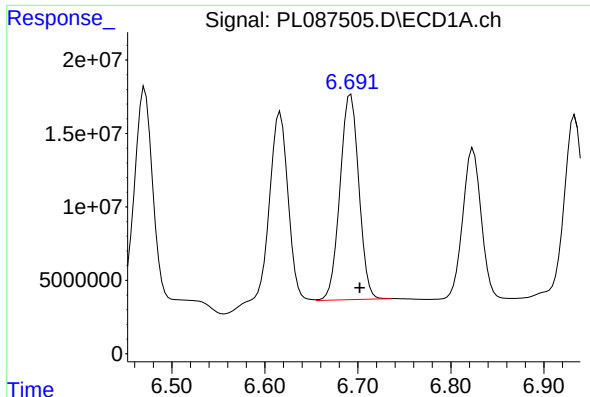
#14 Endrin

R.T.: 6.471 min
Delta R.T.: -0.010 min
Response: 194430966
Conc: 50.54 ng/ml



#14 Endrin

R.T.: 5.555 min
Delta R.T.: -0.011 min
Response: 99328692
Conc: 49.77 ng/ml



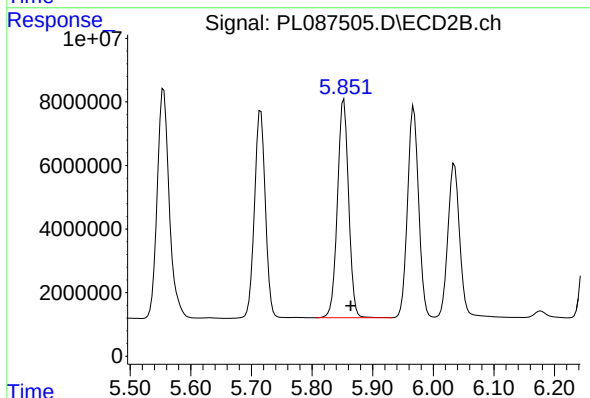
#15 Endosulfan II

R.T.: 6.692 min
Delta R.T.: -0.010 min
Response: 196815236
Conc: 49.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

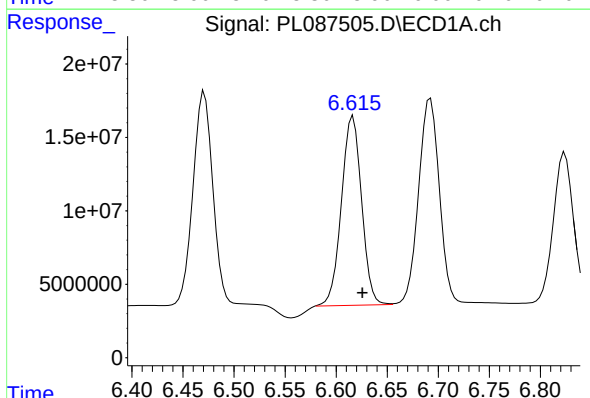
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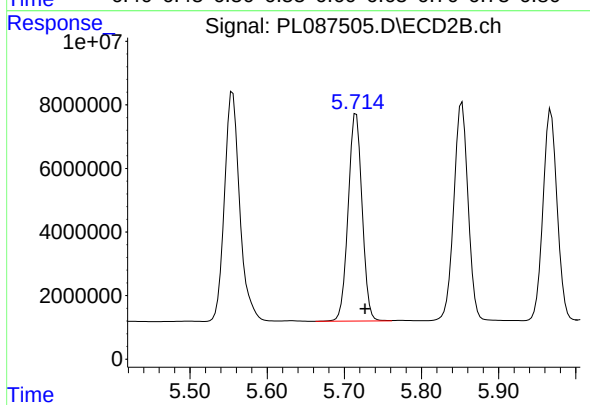
#15 Endosulfan II

R.T.: 5.853 min
Delta R.T.: -0.011 min
Response: 88086300
Conc: 45.24 ng/ml



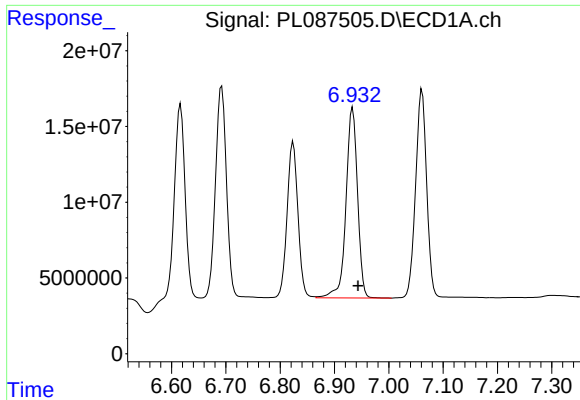
#16 4,4'-DDD

R.T.: 6.617 min
Delta R.T.: -0.009 min
Response: 177005541
Conc: 53.56 ng/ml



#16 4,4'-DDD

R.T.: 5.715 min
Delta R.T.: -0.011 min
Response: 81442577
Conc: 49.19 ng/ml



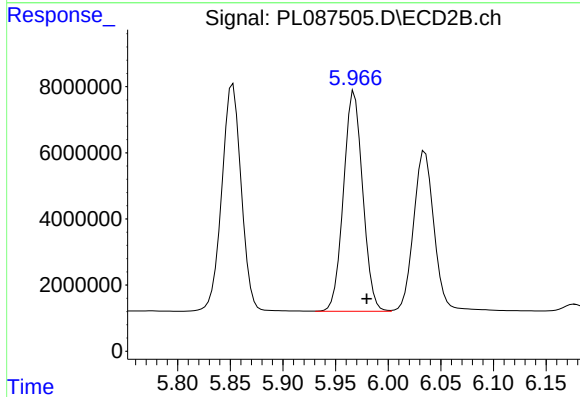
#17 4,4'-DDT

R.T.: 6.933 min
Delta R.T.: -0.010 min
Response: 185979317
Conc: 49.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

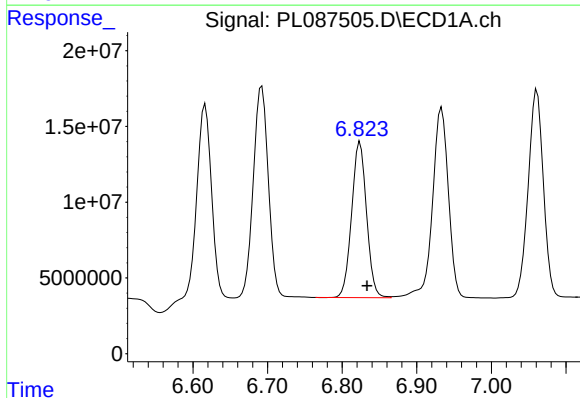
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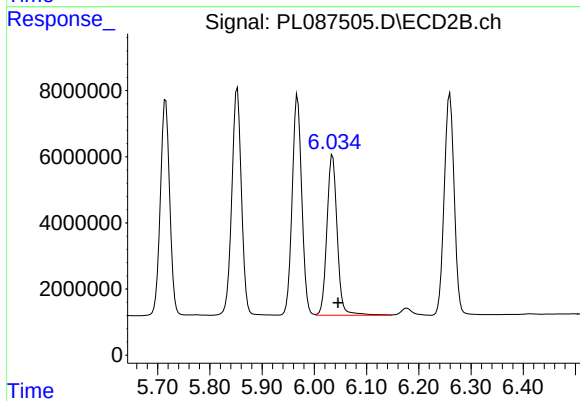
#17 4,4'-DDT

R.T.: 5.968 min
Delta R.T.: -0.012 min
Response: 84797830
Conc: 45.98 ng/ml



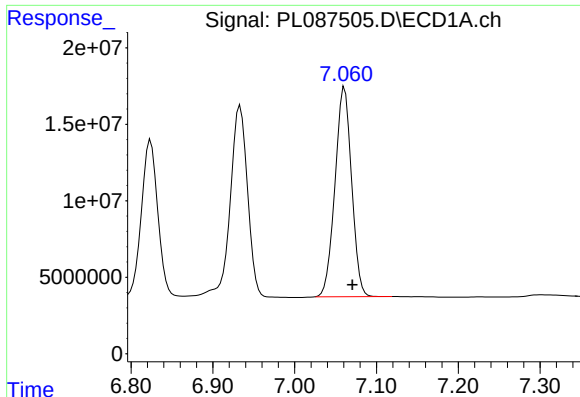
#18 Endrin aldehyde

R.T.: 6.824 min
Delta R.T.: -0.010 min
Response: 142718562
Conc: 49.24 ng/ml



#18 Endrin aldehyde

R.T.: 6.035 min
Delta R.T.: -0.011 min
Response: 66384694
Conc: 45.23 ng/ml



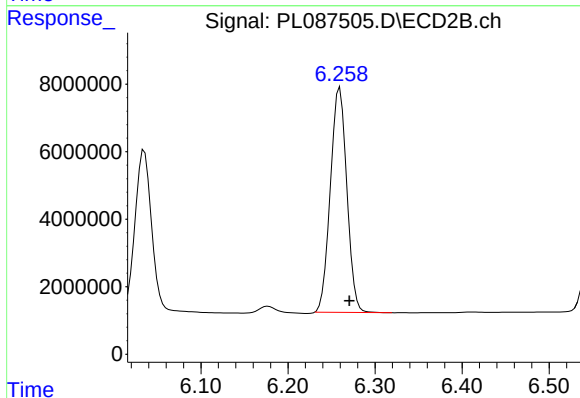
#19 Endosulfan Sulfate

R.T.: 7.061 min
Delta R.T.: -0.009 min
Response: 193009499
Conc: 49.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

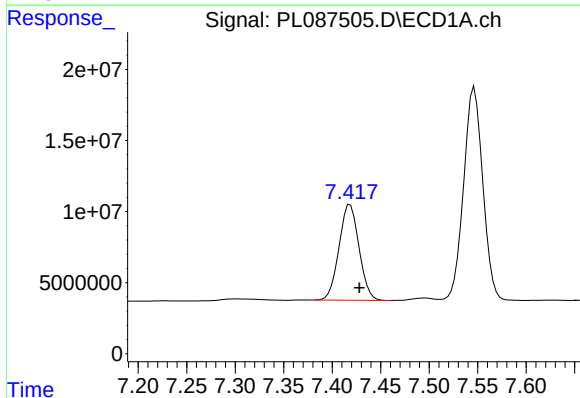
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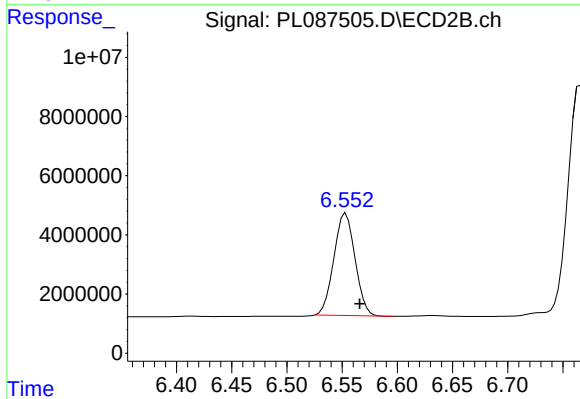
#19 Endosulfan Sulfate

R.T.: 6.260 min
Delta R.T.: -0.011 min
Response: 87596144
Conc: 46.50 ng/ml



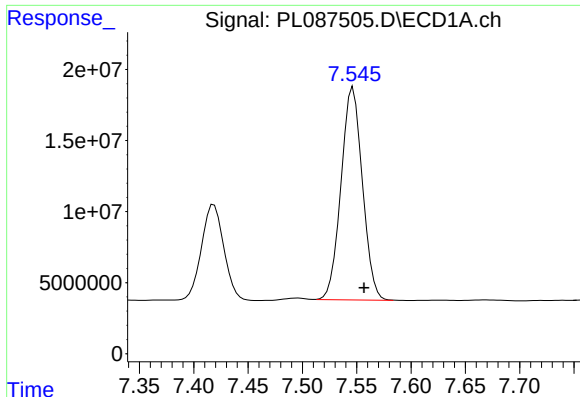
#20 Methoxychlor

R.T.: 7.419 min
Delta R.T.: -0.010 min
Response: 96542374
Conc: 49.51 ng/ml



#20 Methoxychlor

R.T.: 6.554 min
Delta R.T.: -0.013 min
Response: 46107072
Conc: 45.14 ng/ml



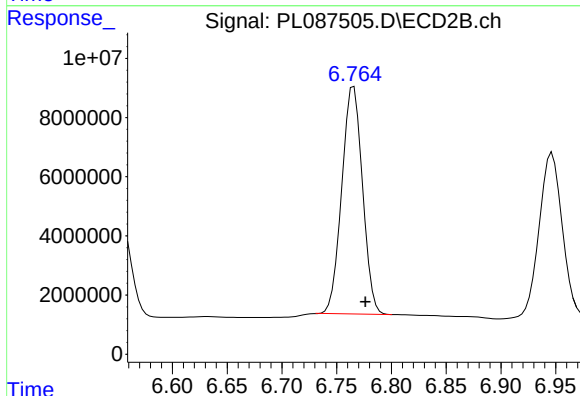
#21 Endrin ketone

R.T.: 7.545 min
Delta R.T.: -0.011 min
Response: 205057689
Conc: 50.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

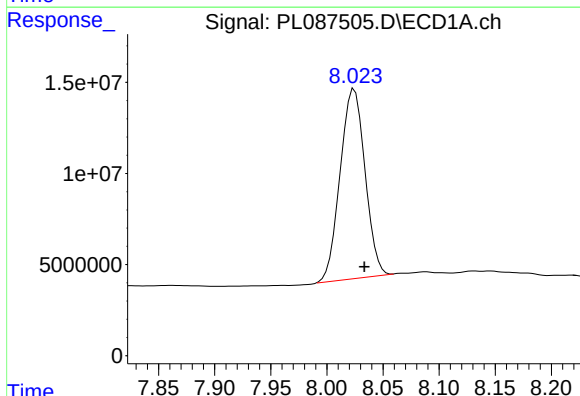
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APPROVED

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



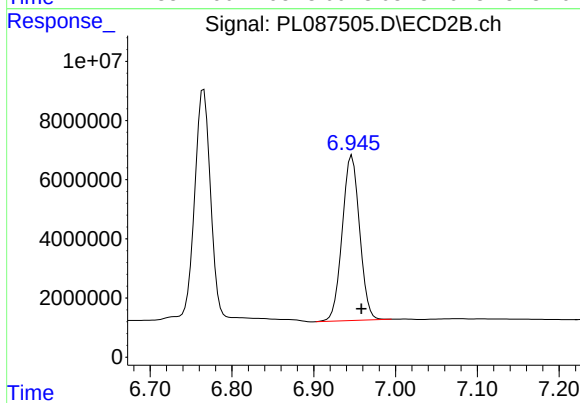
#21 Endrin ketone

R.T.: 6.764 min
Delta R.T.: -0.012 min
Response: 101326861
Conc: 47.60 ng/ml m



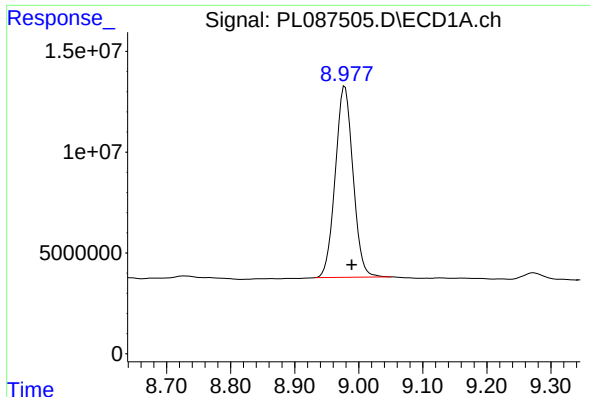
#22 Mirex

R.T.: 8.025 min
Delta R.T.: -0.009 min
Response: 160393755
Conc: 47.62 ng/ml



#22 Mirex

R.T.: 6.947 min
Delta R.T.: -0.012 min
Response: 81955583
Conc: 46.07 ng/ml



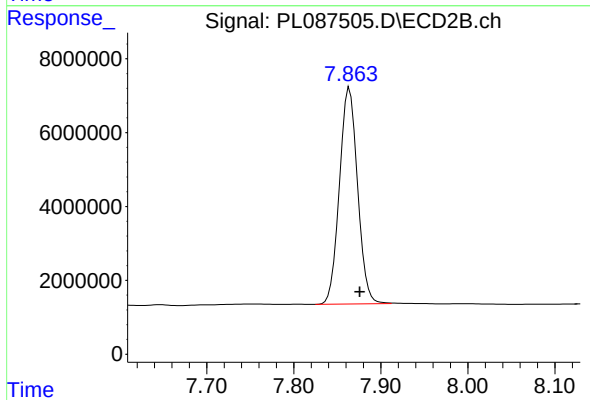
#28 Decachlorobiphenyl

R.T.: 8.978 min
Delta R.T.: -0.011 min
Response: 182123173
Conc: 53.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.863 min
Delta R.T.: -0.013 min
Response: 84724755
Conc: 50.16 ng/ml m