

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102423\
 Data File : PL086127.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Oct 2023 18:29
 Operator : AR\AJ
 Sample : PB156600BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB156600BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/25/2023
 Supervised By : Ankita Jodhani 10/25/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 24 21:22:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 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...	3.355	2.621	47089741	14300498	15.833	15.309
28)	SA Decachlor...	8.853	7.772	45293490	19765558	20.795	21.415
Target Compounds							
2)	A alpha-BHC	3.809	3.120	196.7E6	56493742	45.823	44.903
3)	MA gamma-BHC...	4.141	3.447	181.0E6	54859842	43.797	44.481
4)	MA Heptachlor	4.727	3.783	182.0E6	55109386	47.058	47.383
5)	MB Aldrin	5.066	4.060	174.7E6	52350829	45.068	46.814
6)	B beta-BHC	4.343	3.749	77837835	24872675	47.071	47.778
7)	B delta-BHC	4.586	3.974	171.8E6	53165799	44.806	46.273
8)	B Heptachlo...	5.497	4.564	159.3E6	50454872	46.172	50.234
9)	A Endosulfan I	5.880	4.931	157.0E6	48071410	48.559	44.812
10)	B gamma-Chl...	5.752	4.816	164.2E6	53285869	47.990m	53.803
11)	B alpha-Chl...	5.833	4.880	165.7E6	52515123	48.470	48.147
12)	B 4,4'-DDE	6.017	5.079	143.3E6	45371499	51.243	55.255
13)	MA Dieldrin	6.157	5.197	150.6E6	49119528	45.821	50.627
14)	MA Endrin	6.385	5.471	136.6E6	46078607	47.932	51.255
15)	B Endosulfa...	6.608	5.768	128.7E6	43781606	46.712	46.040
16)	A 4,4'-DDD	6.536	5.635	108.9E6	38240877	54.061	54.940
17)	MA 4,4'-DDT	6.850	5.885	108.1E6	38506508	45.874	48.696
18)	B Endrin al...	6.740	5.950	100.4E6	37477212	49.517	50.257
19)	B Endosulfa...	6.976	6.174	126.7E6	46140592	50.467	51.147
20)	A Methoxychlor	7.336	6.469	60660597	23311585	43.434	44.312
21)	B Endrin ke...	7.457	6.676	130.4E6	53133132	45.267	46.226
22)	Mirex	7.929	6.853	105.6E6	45379977	47.687	48.114

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102423\
Data File : PL086127.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2023 18:29
Operator : AR\AJ
Sample : PB156600BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

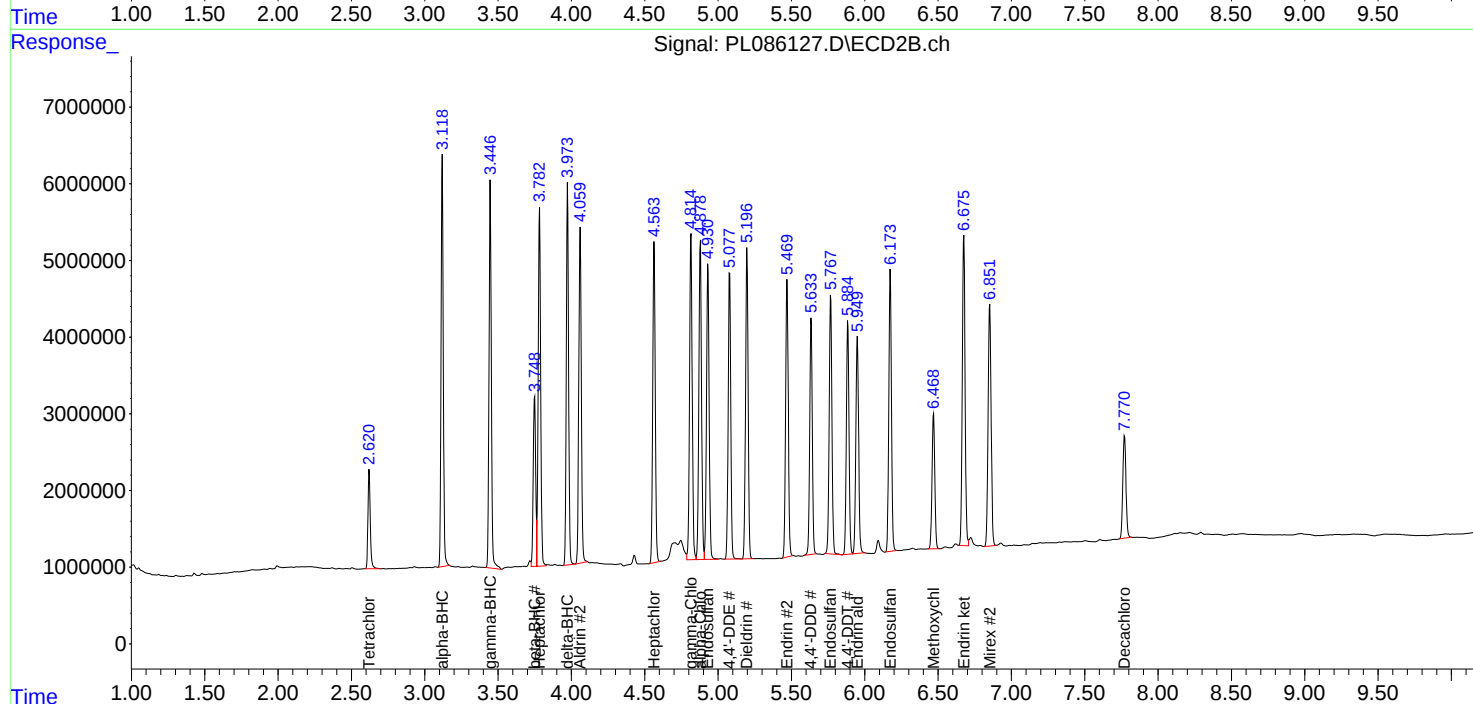
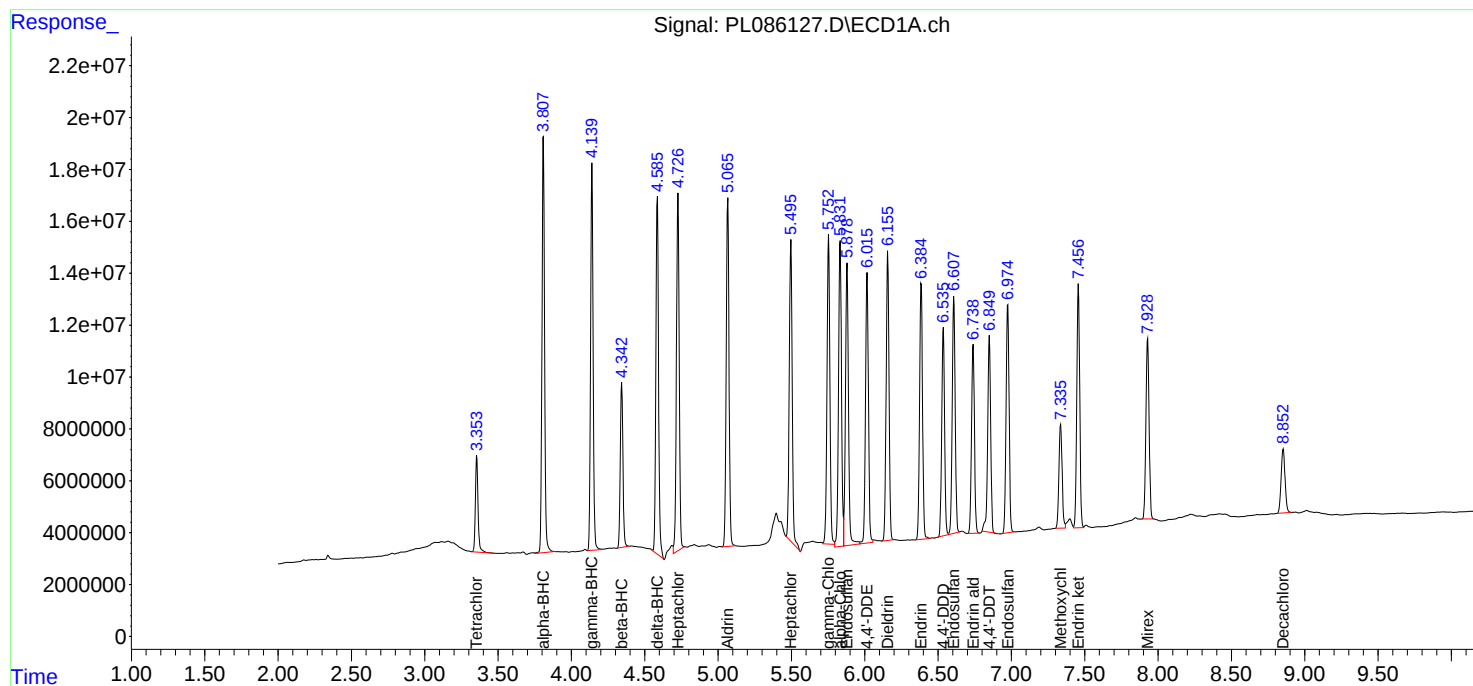
Instrument :
ECD_L
ClientSampleId :
PB156600BS

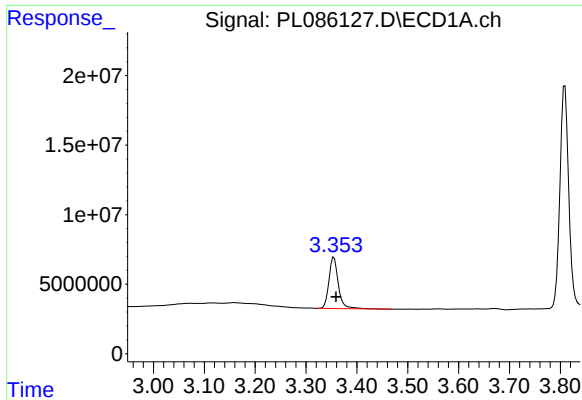
Manual Integrations
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Reviewed By :Abdul Mirza 10/25/2023
Supervised By :Ankita Jodhani 10/25/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 21:22:19 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
Quant Title : GC Extractables
QLast Update : Wed Oct 04 05:29:39 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





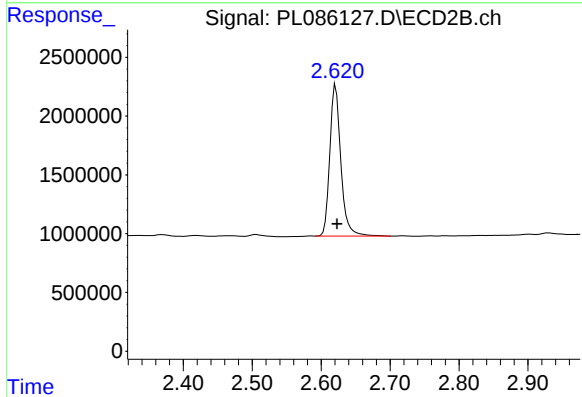
#1 Tetrachloro-m-xylene

R.T.: 3.355 min
Delta R.T.: -0.004 min
Response: 47089741
Conc: 15.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156600BS

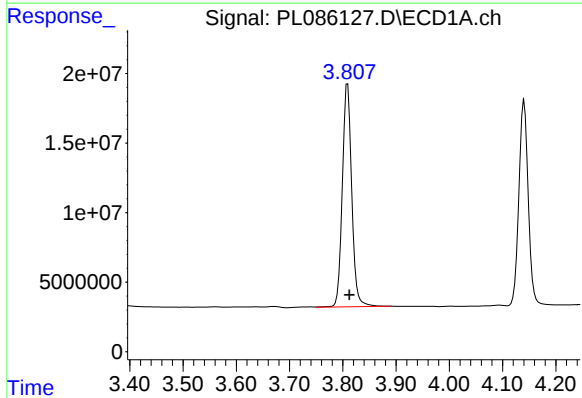
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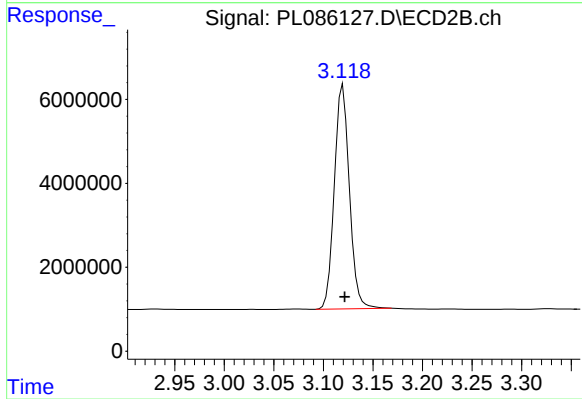
#1 Tetrachloro-m-xylene

R.T.: 2.621 min
Delta R.T.: -0.002 min
Response: 14300498
Conc: 15.31 ng/ml



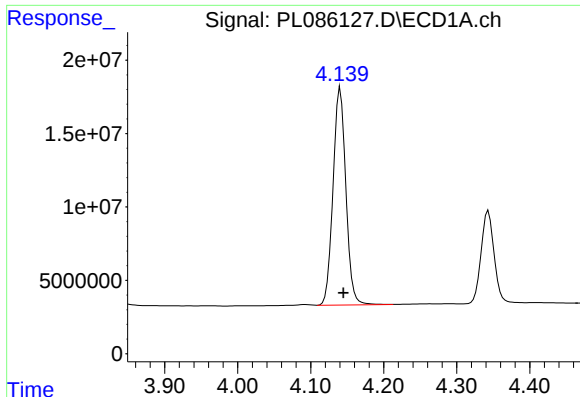
#2 alpha-BHC

R.T.: 3.809 min
Delta R.T.: -0.004 min
Response: 196669311
Conc: 45.82 ng/ml



#2 alpha-BHC

R.T.: 3.120 min
Delta R.T.: -0.002 min
Response: 56493742
Conc: 44.90 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.141 min
Delta R.T.: -0.004 min
Response: 181028081
Conc: 43.80 ng/ml

Instrument :

ECD_L

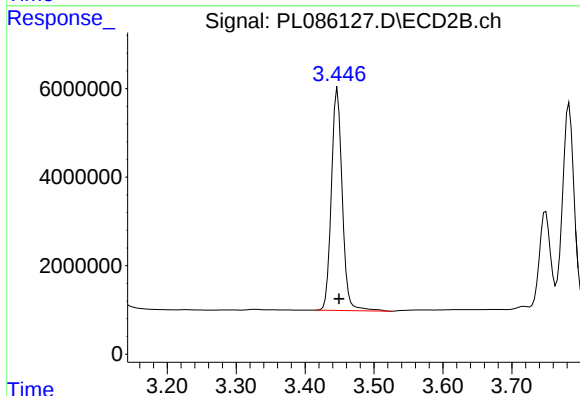
ClientSampleId :

PB156600BS

Manual Integrations

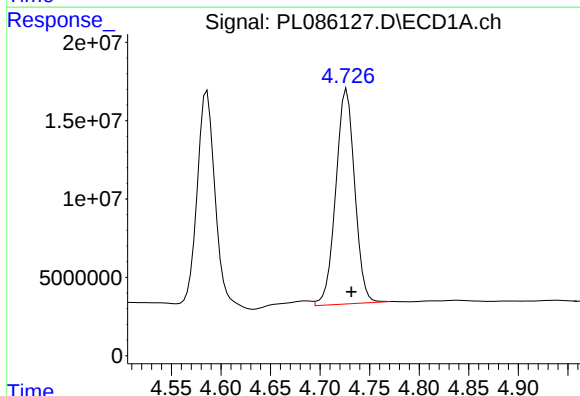
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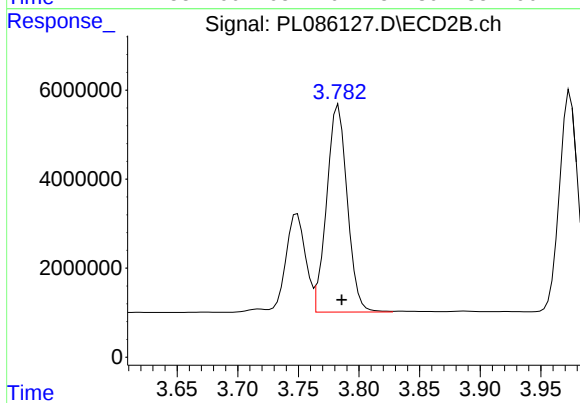
#3 gamma-BHC (Lindane)

R.T.: 3.447 min
Delta R.T.: -0.002 min
Response: 54859842
Conc: 44.48 ng/ml



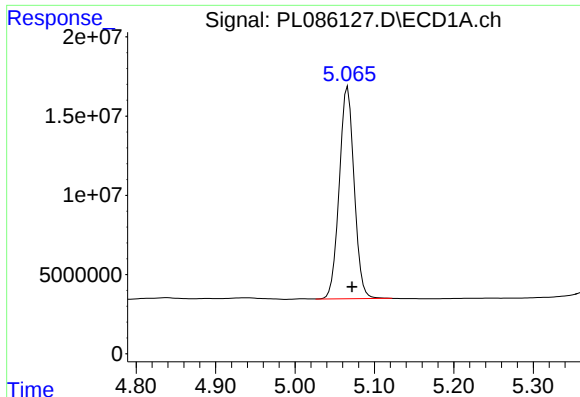
#4 Heptachlor

R.T.: 4.727 min
Delta R.T.: -0.005 min
Response: 182002018
Conc: 47.06 ng/ml



#4 Heptachlor

R.T.: 3.783 min
Delta R.T.: -0.003 min
Response: 55109386
Conc: 47.38 ng/ml



#5 Aldrin

R.T.: 5.066 min
Delta R.T.: -0.006 min
Response: 174698571
Conc: 45.07 ng/ml

Instrument :

ECD_L

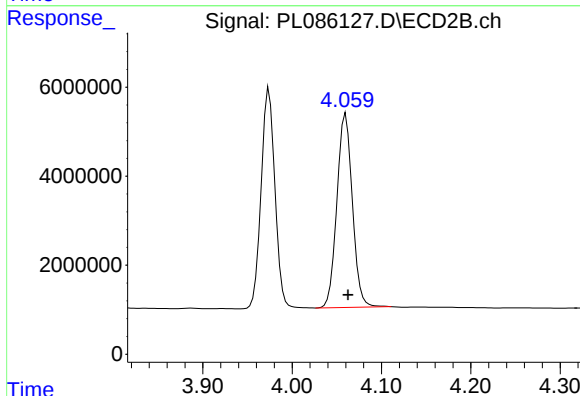
ClientSampleId :

PB156600BS

Manual Integrations

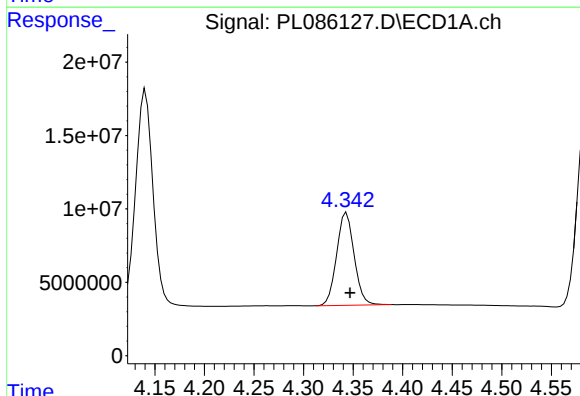
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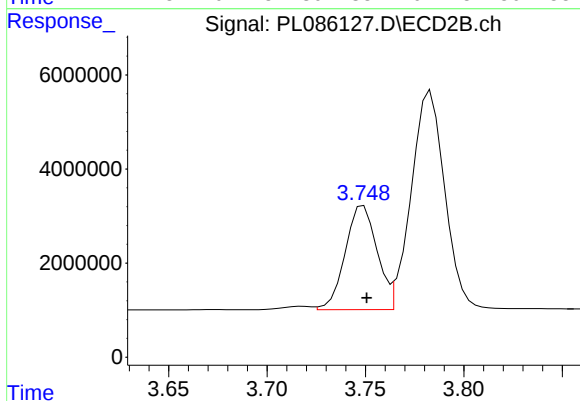
#5 Aldrin

R.T.: 4.060 min
Delta R.T.: -0.002 min
Response: 52350829
Conc: 46.81 ng/ml



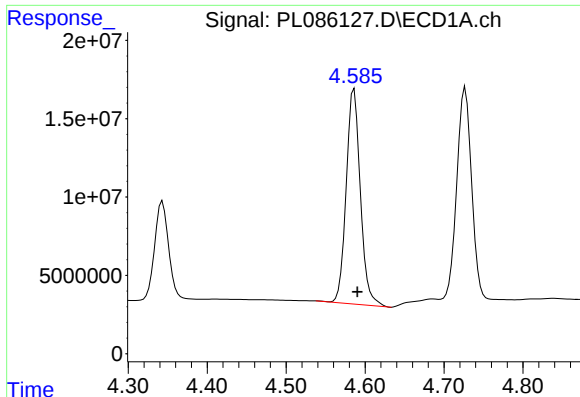
#6 beta-BHC

R.T.: 4.343 min
Delta R.T.: -0.004 min
Response: 77837835
Conc: 47.07 ng/ml



#6 beta-BHC

R.T.: 3.749 min
Delta R.T.: -0.002 min
Response: 24872675
Conc: 47.78 ng/ml



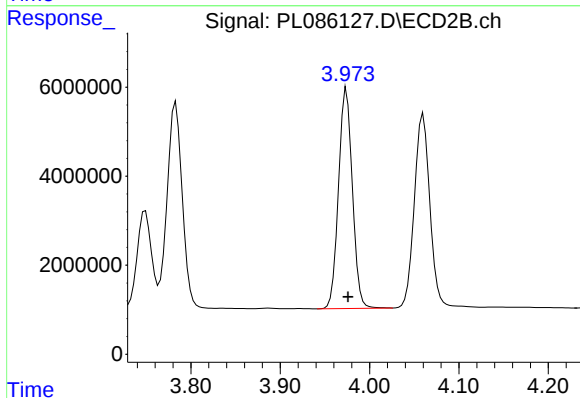
#7 delta-BHC

R.T.: 4.586 min
Delta R.T.: -0.004 min
Response: 171803828
Conc: 44.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156600BS

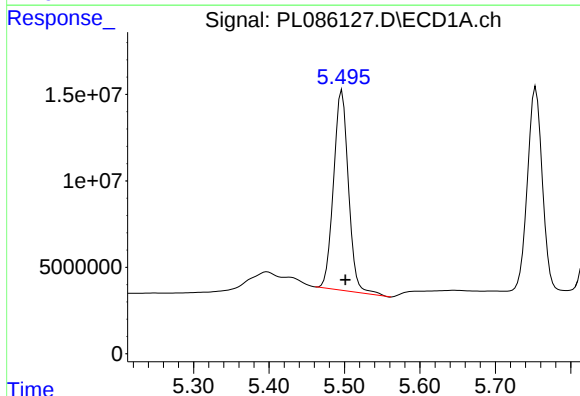
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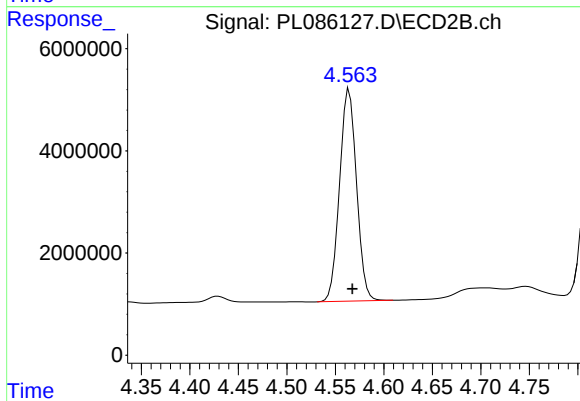
#7 delta-BHC

R.T.: 3.974 min
Delta R.T.: -0.002 min
Response: 53165799
Conc: 46.27 ng/ml



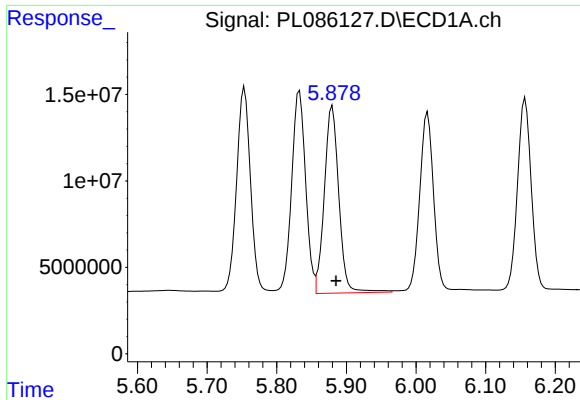
#8 Heptachlor epoxide

R.T.: 5.497 min
Delta R.T.: -0.004 min
Response: 159283851
Conc: 46.17 ng/ml



#8 Heptachlor epoxide

R.T.: 4.564 min
Delta R.T.: -0.003 min
Response: 50454872
Conc: 50.23 ng/ml



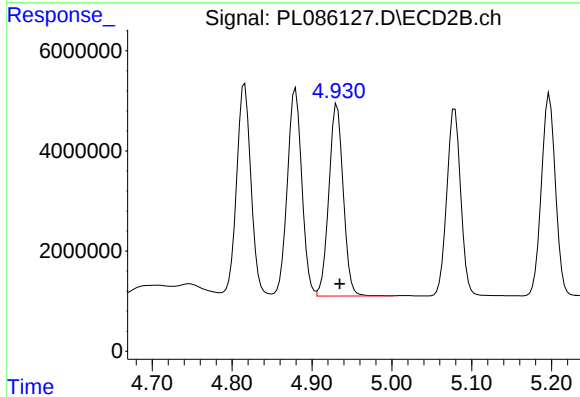
#9 Endosulfan I

R.T.: 5.880 min
Delta R.T.: -0.005 min
Response: 157039816
Conc: 48.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156600BS

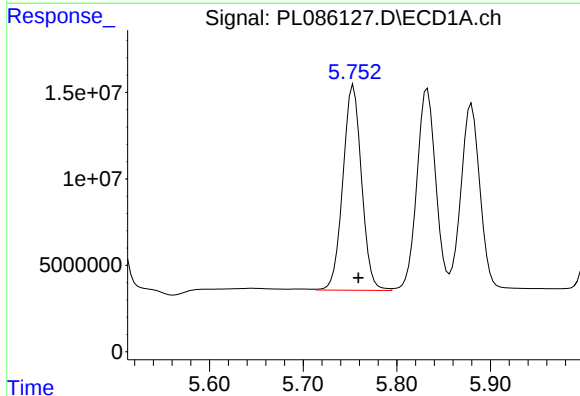
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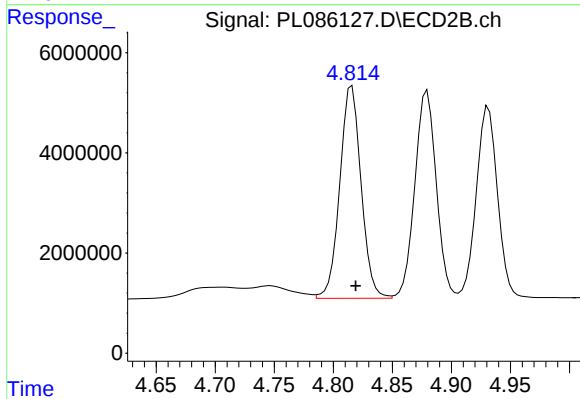
#9 Endosulfan I

R.T.: 4.931 min
Delta R.T.: -0.003 min
Response: 48071410
Conc: 44.81 ng/ml



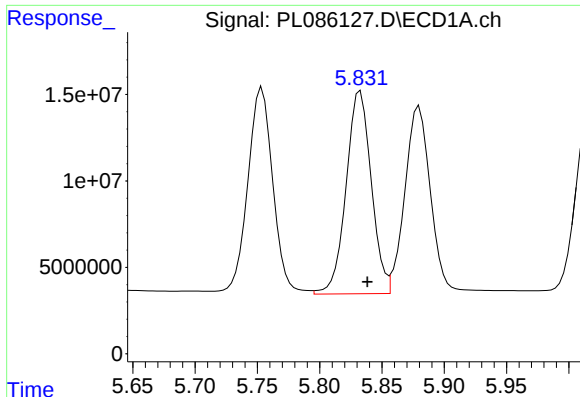
#10 gamma-Chlordane

R.T.: 5.752 min
Delta R.T.: -0.006 min
Response: 164195509
Conc: 47.99 ng/ml m



#10 gamma-Chlordane

R.T.: 4.816 min
Delta R.T.: -0.003 min
Response: 53285869
Conc: 53.80 ng/ml



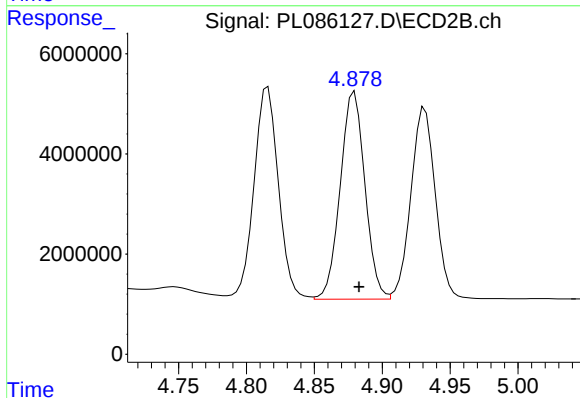
#11 alpha-Chlordane

R.T.: 5.833 min
Delta R.T.: -0.006 min
Response: 165652126
Conc: 48.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156600BS

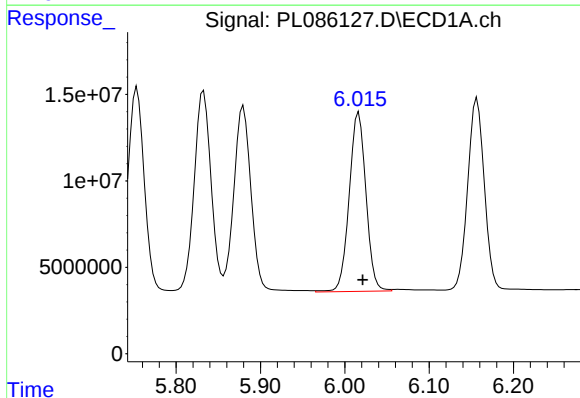
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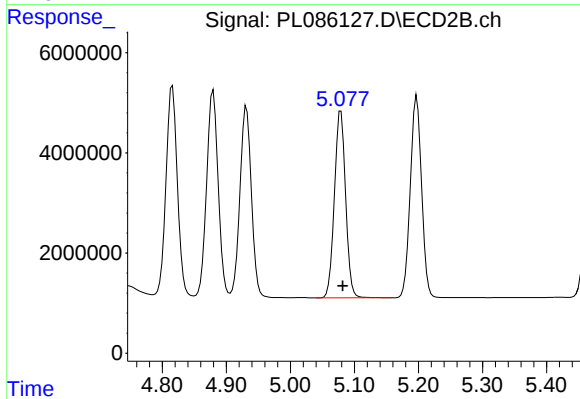
#11 alpha-Chlordane

R.T.: 4.880 min
Delta R.T.: -0.003 min
Response: 52515123
Conc: 48.15 ng/ml



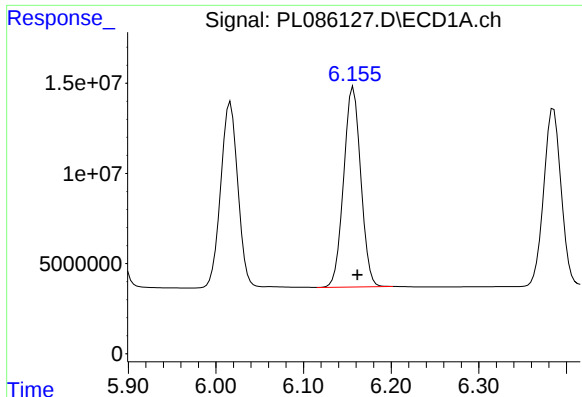
#12 4,4'-DDE

R.T.: 6.017 min
Delta R.T.: -0.004 min
Response: 143303890
Conc: 51.24 ng/ml



#12 4,4'-DDE

R.T.: 5.079 min
Delta R.T.: -0.003 min
Response: 45371499
Conc: 55.25 ng/ml



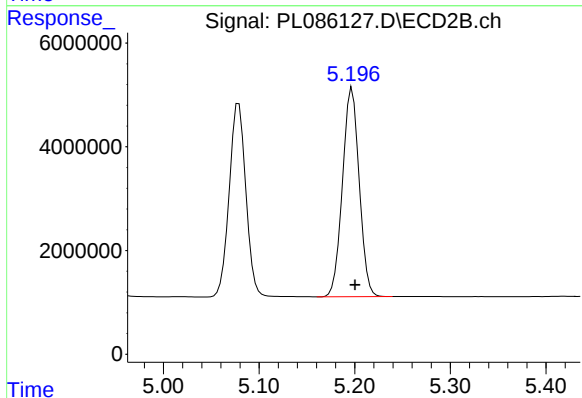
#13 Dieldrin

R.T.: 6.157 min
Delta R.T.: -0.005 min
Response: 150566694
Conc: 45.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156600BS

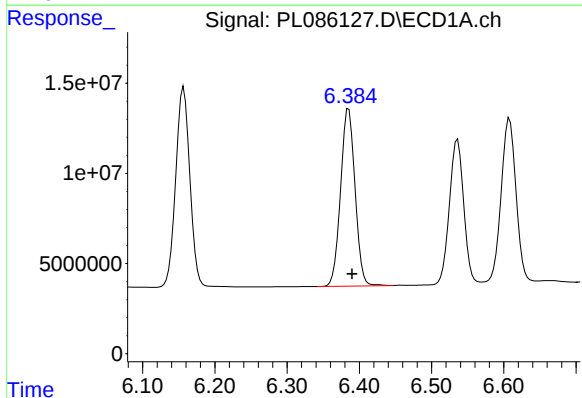
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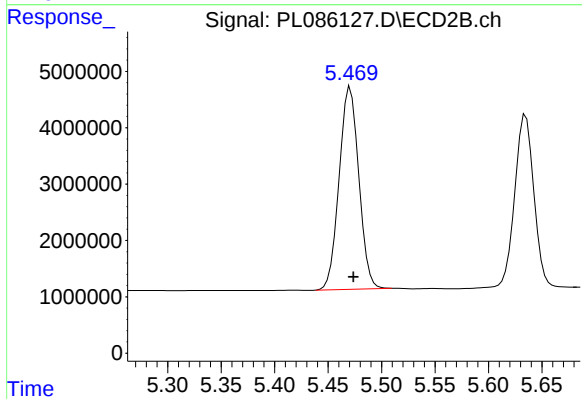
#13 Dieldrin

R.T.: 5.197 min
Delta R.T.: -0.003 min
Response: 49119528
Conc: 50.63 ng/ml



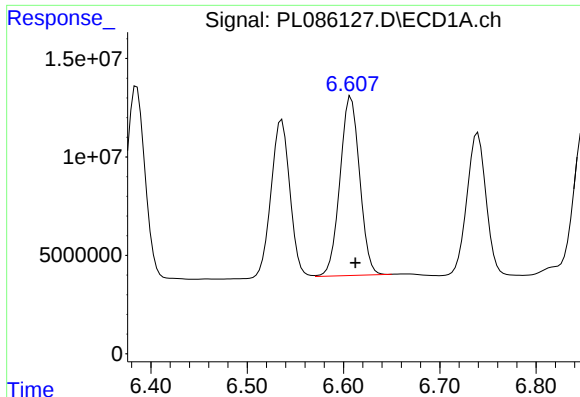
#14 Endrin

R.T.: 6.385 min
Delta R.T.: -0.005 min
Response: 136594346
Conc: 47.93 ng/ml



#14 Endrin

R.T.: 5.471 min
Delta R.T.: -0.003 min
Response: 46078607
Conc: 51.26 ng/ml



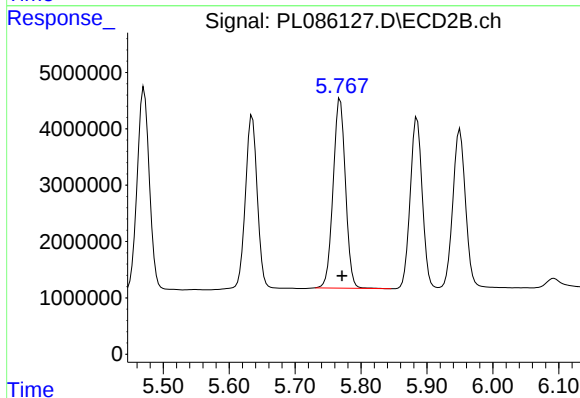
#15 Endosulfan II

R.T.: 6.608 min
Delta R.T.: -0.004 min
Response: 128714513
Conc: 46.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156600BS

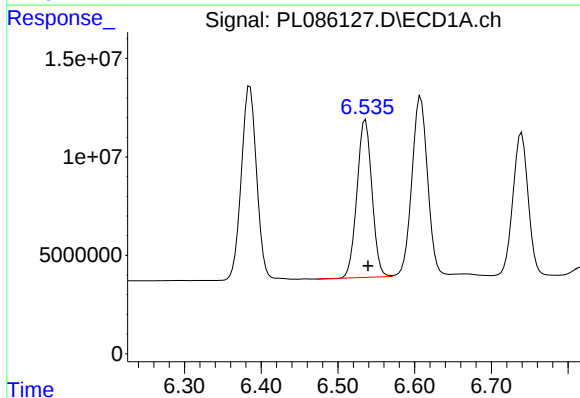
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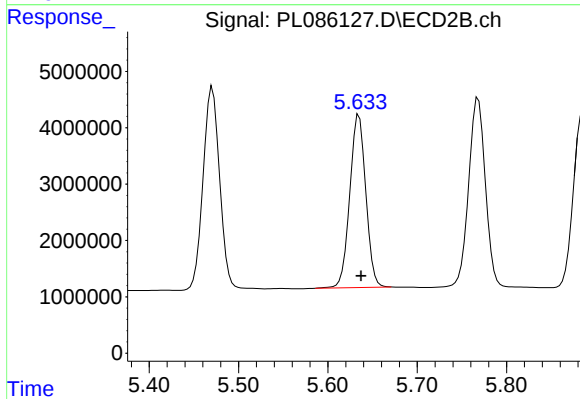
#15 Endosulfan II

R.T.: 5.768 min
Delta R.T.: -0.003 min
Response: 43781606
Conc: 46.04 ng/ml



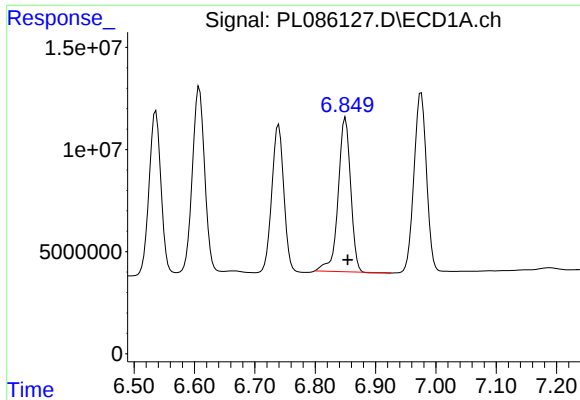
#16 4,4'-DDD

R.T.: 6.536 min
Delta R.T.: -0.003 min
Response: 108913754
Conc: 54.06 ng/ml



#16 4,4'-DDD

R.T.: 5.635 min
Delta R.T.: -0.002 min
Response: 38240877
Conc: 54.94 ng/ml



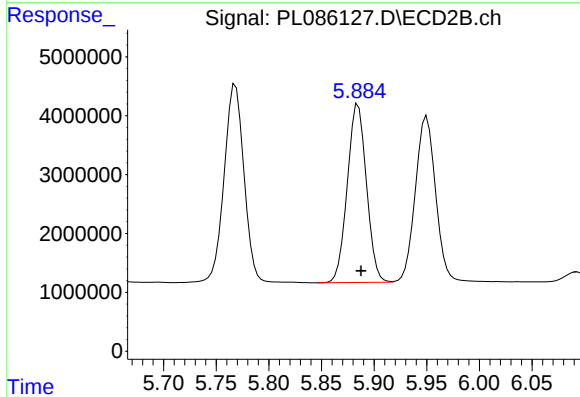
#17 4,4'-DDT

R.T.: 6.850 min
Delta R.T.: -0.004 min
Response: 108129711
Conc: 45.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156600BS

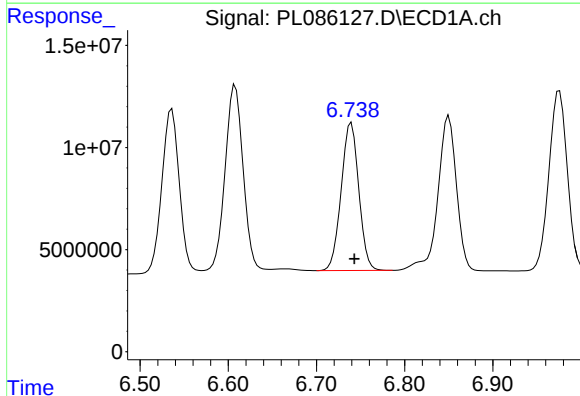
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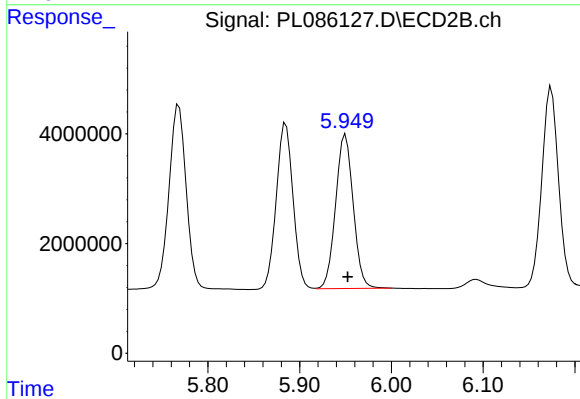
#17 4,4'-DDT

R.T.: 5.885 min
Delta R.T.: -0.003 min
Response: 38506508
Conc: 48.70 ng/ml



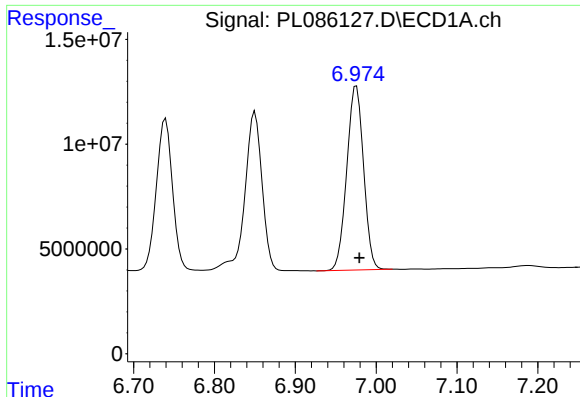
#18 Endrin aldehyde

R.T.: 6.740 min
Delta R.T.: -0.003 min
Response: 100359428
Conc: 49.52 ng/ml



#18 Endrin aldehyde

R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 37477212
Conc: 50.26 ng/ml



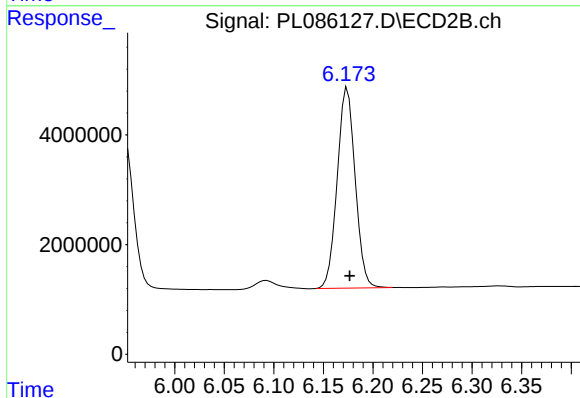
#19 Endosulfan Sulfate

R.T.: 6.976 min
Delta R.T.: -0.004 min
Response: 126657915
Conc: 50.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156600BS

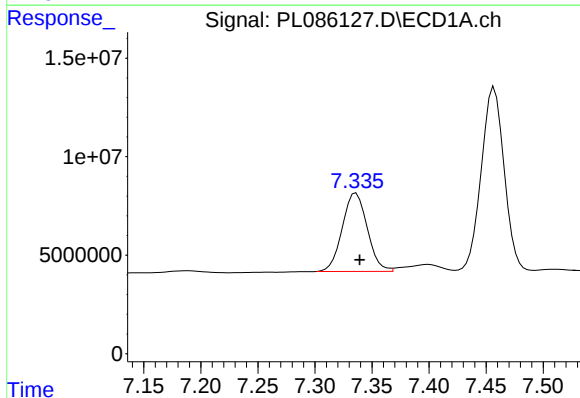
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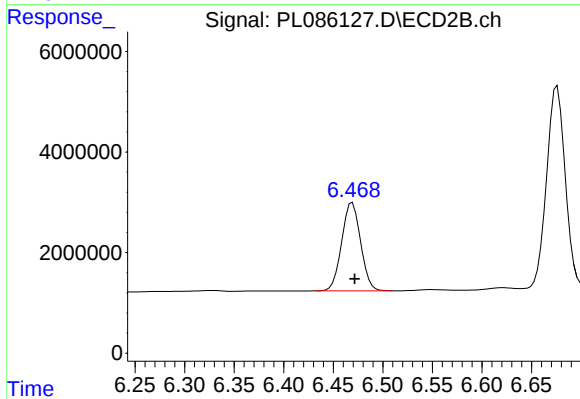
#19 Endosulfan Sulfate

R.T.: 6.174 min
Delta R.T.: -0.003 min
Response: 46140592
Conc: 51.15 ng/ml



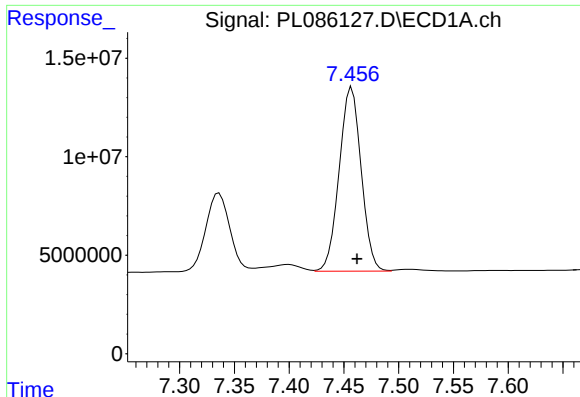
#20 Methoxychlor

R.T.: 7.336 min
Delta R.T.: -0.003 min
Response: 60660597
Conc: 43.43 ng/ml



#20 Methoxychlor

R.T.: 6.469 min
Delta R.T.: -0.002 min
Response: 23311585
Conc: 44.31 ng/ml



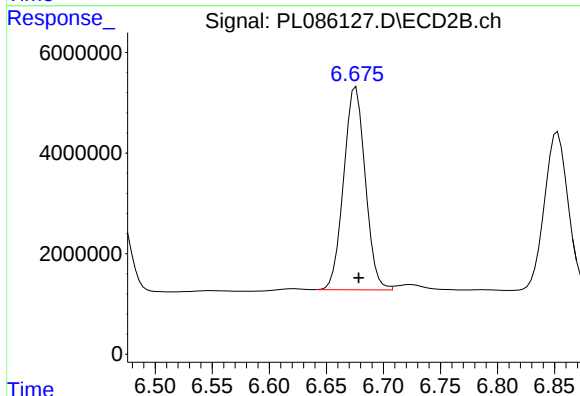
#21 Endrin ketone

R.T.: 7.457 min
Delta R.T.: -0.005 min
Response: 130381173
Conc: 45.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156600BS

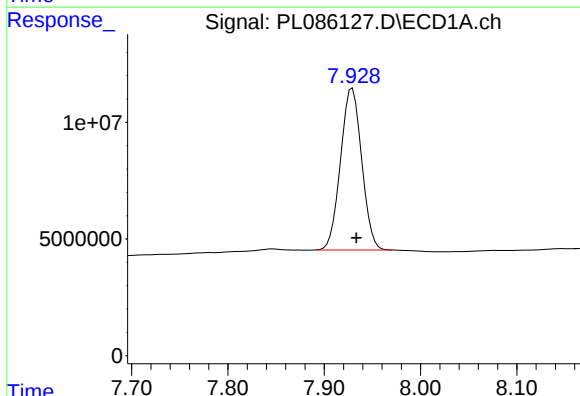
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/25/2023
Supervised By :Ankita Jodhani 10/25/2023



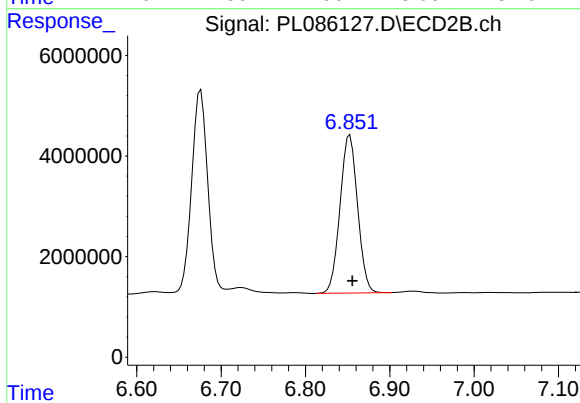
#21 Endrin ketone

R.T.: 6.676 min
Delta R.T.: -0.002 min
Response: 53133132
Conc: 46.23 ng/ml



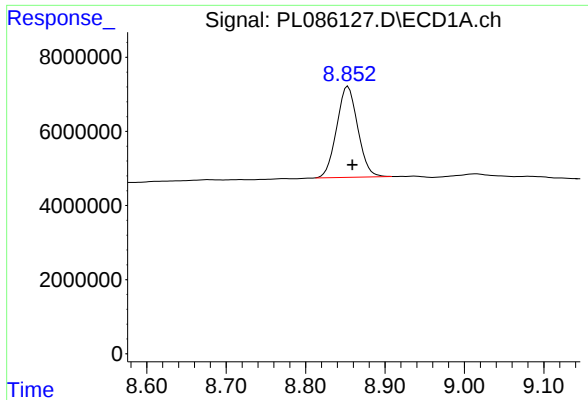
#22 Mirex

R.T.: 7.929 min
Delta R.T.: -0.004 min
Response: 105578356
Conc: 47.69 ng/ml



#22 Mirex

R.T.: 6.853 min
Delta R.T.: -0.003 min
Response: 45379977
Conc: 48.11 ng/ml



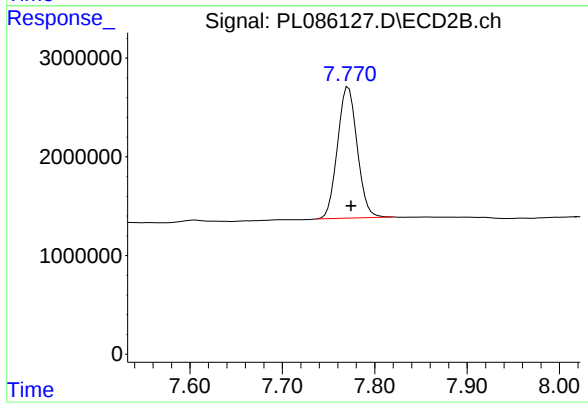
#28 Decachlorobiphenyl

R.T.: 8.853 min
Delta R.T.: -0.005 min
Response: 45293490
Conc: 20.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB156600BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.772 min
Delta R.T.: -0.003 min
Response: 19765558
Conc: 21.41 ng/ml