

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051123\
 Data File : PL082680.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2023 22:07
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/12/2023
 Supervised By : Ankita Jodhani 05/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 12 05:55:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.318	2.641	128.6E6	117.2E6	48.127	50.607
28)	SA Decachlor...	8.734	7.747	96512574	111.8E6	50.555	49.000m
Target Compounds							
2)	A alpha-BHC	3.768	3.138	199.5E6	171.9E6	50.121	50.519
3)	MA gamma-BHC...	4.096	3.465	186.5E6	160.1E6	49.889	49.783
4)	MA Heptachlor	4.673	3.796	177.3E6	158.8E6	48.535	46.375
5)	MB Aldrin	5.010	4.072	166.7E6	159.9E6	50.559	50.768
6)	B beta-BHC	4.299	3.763	82892485	63104942	48.603	46.251m
7)	B delta-BHC	4.540	3.990	178.7E6	159.2E6	49.661	51.896
8)	B Heptachlo...	5.436	4.573	153.4E6	143.0E6	50.300	49.621
9)	A Endosulfan I	5.817	4.941	141.9E6	134.5E6	51.180	50.389
10)	B gamma-Chl...	5.690	4.822	155.6E6	145.0E6	51.738	49.963
11)	B alpha-Chl...	5.768	4.885	152.3E6	144.6E6	51.037	49.803
12)	B 4,4'-DDE	5.947	5.075	135.1E6	123.0E6	53.143	53.498m
13)	MA Dieldrin	6.091	5.203	143.9E6	136.5E6	52.169	50.543m
14)	MA Endrin	6.318	5.478	113.5E6	112.2E6	46.817	45.886m
15)	B Endosulfa...	6.540	5.776	116.8E6	114.3E6	47.982	50.709
16)	A 4,4'-DDD	6.463	5.630	116.0E6	108.3E6	57.212	57.918
17)	MA 4,4'-DDT	6.773	5.878	105.1E6	95316366	45.962	45.118
18)	B Endrin al...	6.671	5.955	98038516	93416415	52.033	49.919
19)	B Endosulfa...	6.905	6.178	122.2E6	118.2E6	51.518	50.214
20)	A Methoxychlor	7.255	6.456	52740400	54602142	43.218	45.057m
21)	B Endrin ke...	7.384	6.681	127.8E6	137.5E6	53.376	54.185m
22)	Mirex	7.848	6.852	96249399	110.8E6	49.199	48.092m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051123\
Data File : PL082680.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 May 2023 22:07
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

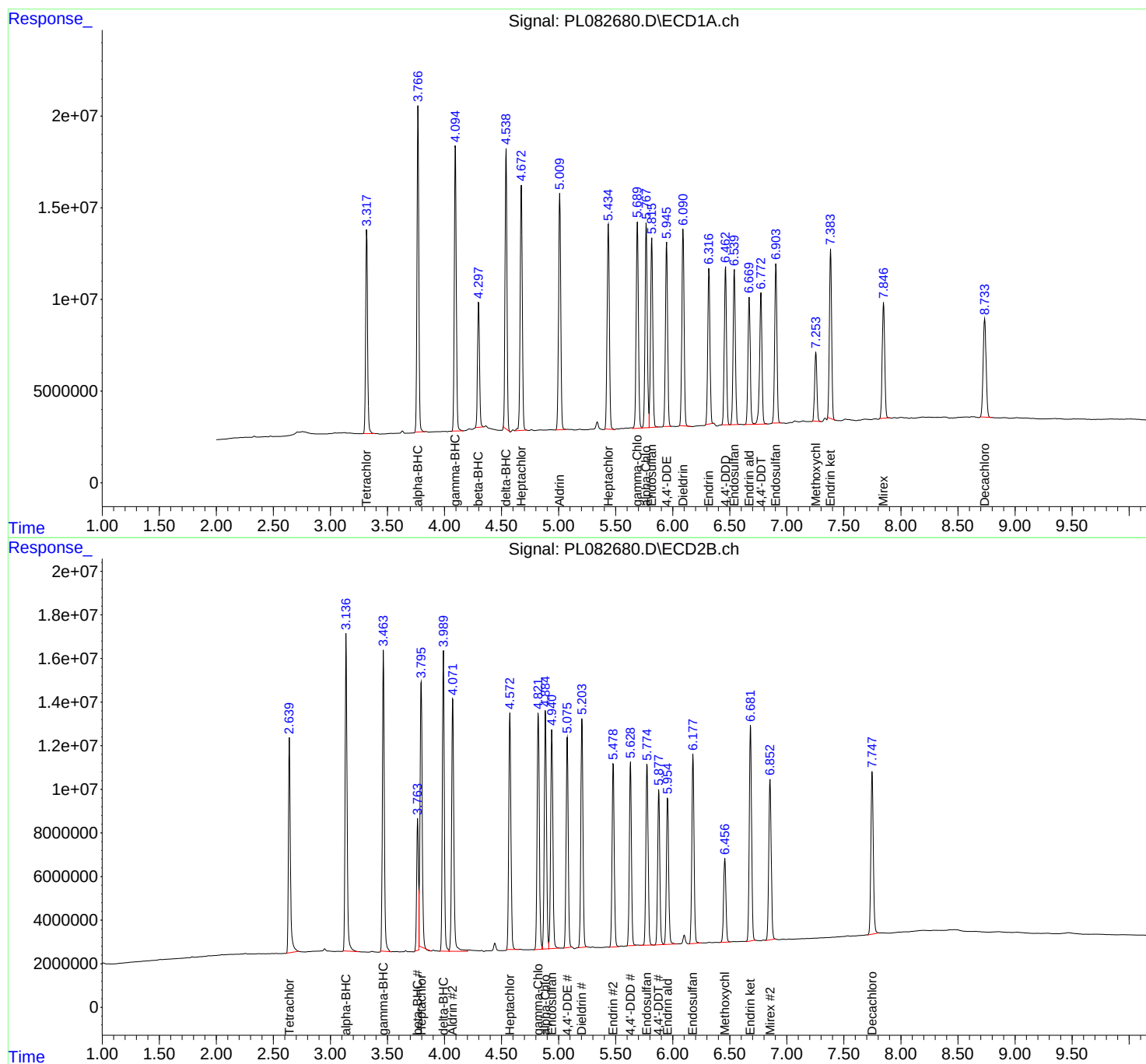
APPROVED

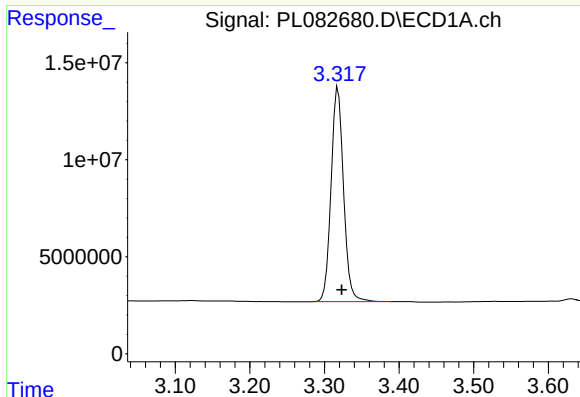
Reviewed By :Abdul Mirza 05/12/2023

Supervised By :Ankita Jodhani 05/16/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 12 05:55:49 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





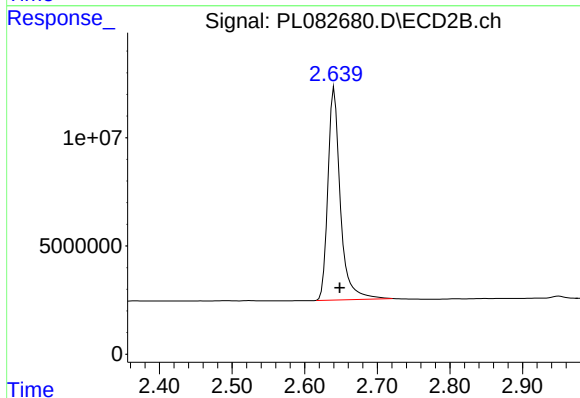
#1 Tetrachloro-m-xylene

R.T.: 3.318 min
Delta R.T.: -0.005 min
Response: 128557612
Conc: 48.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

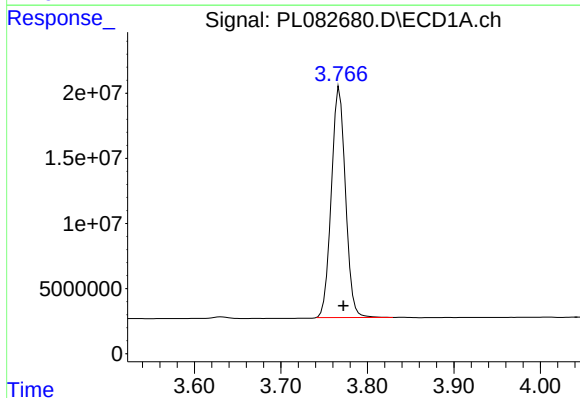
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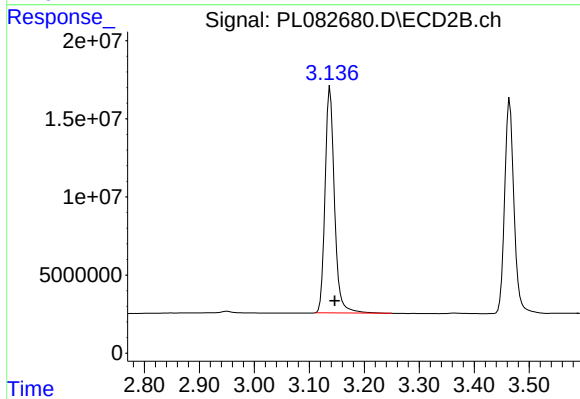
#1 Tetrachloro-m-xylene

R.T.: 2.641 min
Delta R.T.: -0.007 min
Response: 117243182
Conc: 50.61 ng/ml



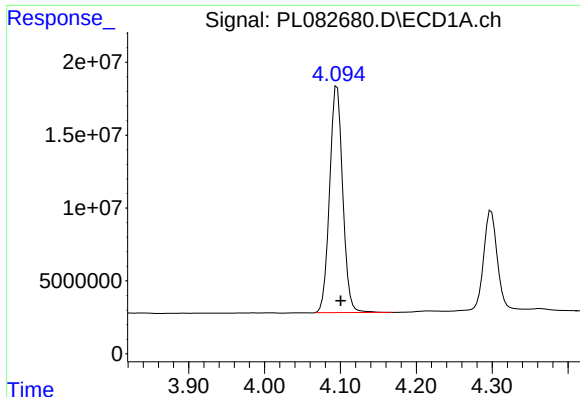
#2 alpha-BHC

R.T.: 3.768 min
Delta R.T.: -0.005 min
Response: 199495232
Conc: 50.12 ng/ml



#2 alpha-BHC

R.T.: 3.138 min
Delta R.T.: -0.009 min
Response: 171938899
Conc: 50.52 ng/ml



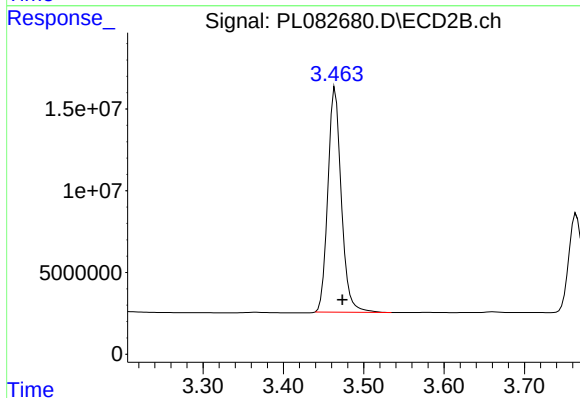
#3 gamma-BHC (Lindane)

R.T.: 4.096 min
Delta R.T.: -0.005 min
Response: 186529682
Conc: 49.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

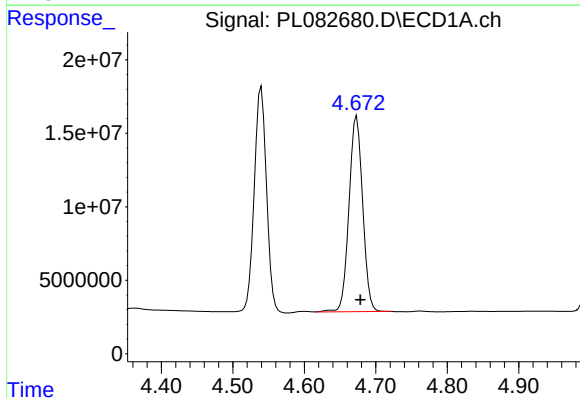
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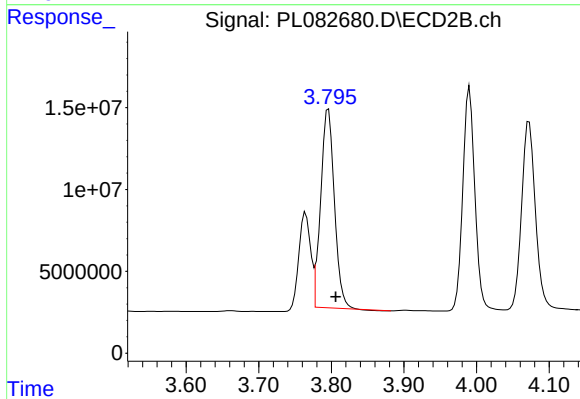
#3 gamma-BHC (Lindane)

R.T.: 3.465 min
Delta R.T.: -0.009 min
Response: 160067369
Conc: 49.78 ng/ml



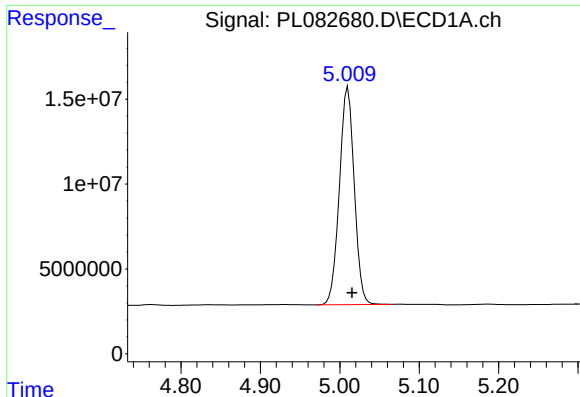
#4 Heptachlor

R.T.: 4.673 min
Delta R.T.: -0.005 min
Response: 177344027
Conc: 48.54 ng/ml



#4 Heptachlor

R.T.: 3.796 min
Delta R.T.: -0.010 min
Response: 158751589
Conc: 46.37 ng/ml



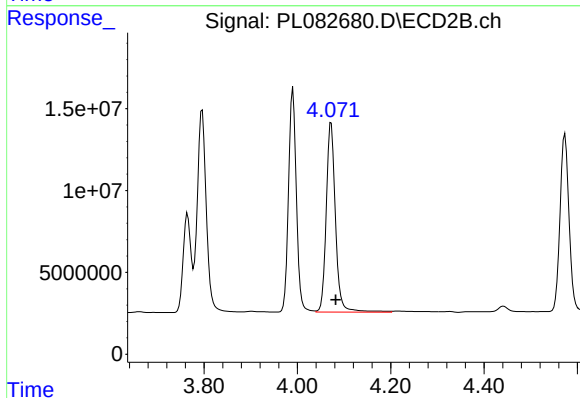
#5 Aldrin

R.T.: 5.010 min
Delta R.T.: -0.005 min
Response: 166722119
Conc: 50.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

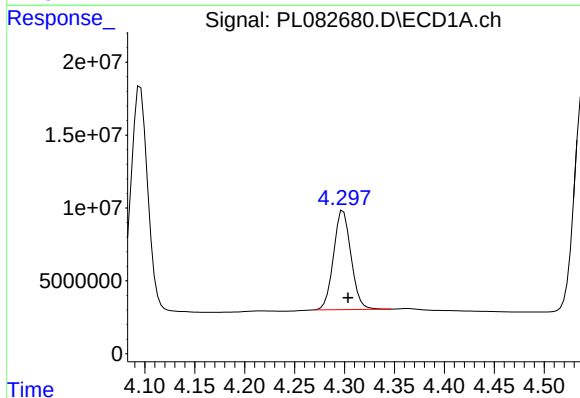
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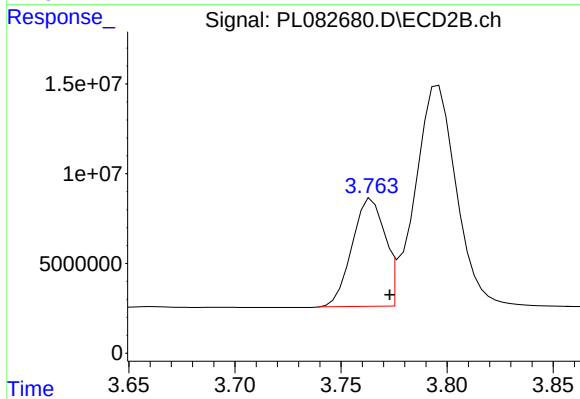
#5 Aldrin

R.T.: 4.072 min
Delta R.T.: -0.010 min
Response: 159912369
Conc: 50.77 ng/ml



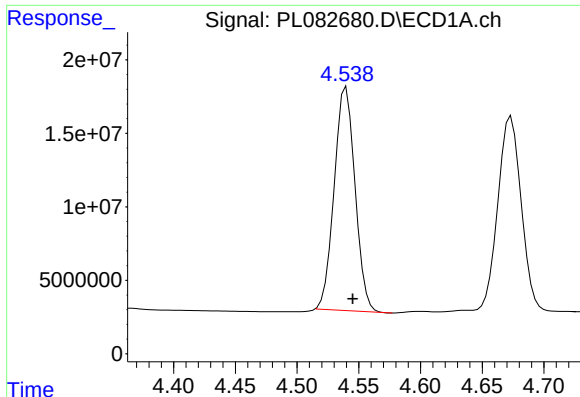
#6 beta-BHC

R.T.: 4.299 min
Delta R.T.: -0.005 min
Response: 82892485
Conc: 48.60 ng/ml



#6 beta-BHC

R.T.: 3.763 min
Delta R.T.: -0.010 min
Response: 63104942
Conc: 46.25 ng/ml m



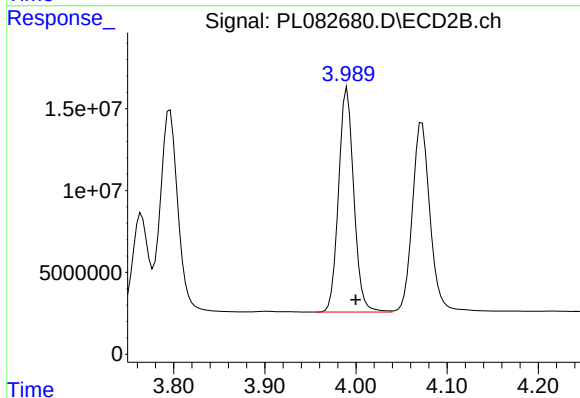
#7 delta-BHC

R.T.: 4.540 min
Delta R.T.: -0.005 min
Response: 178670573
Conc: 49.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

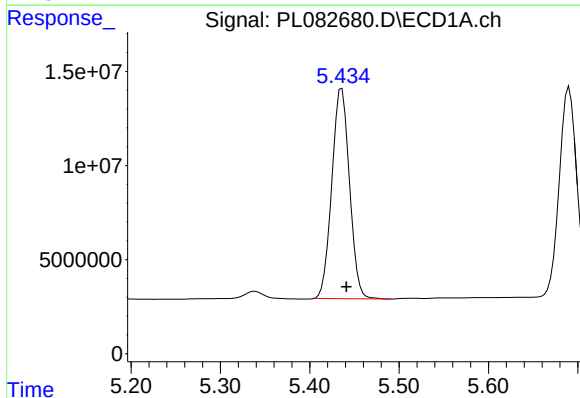
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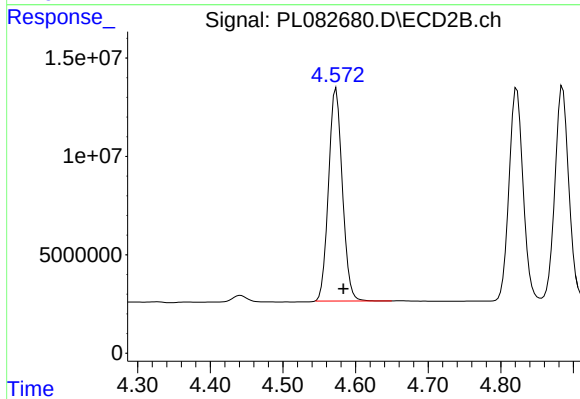
#7 delta-BHC

R.T.: 3.990 min
Delta R.T.: -0.009 min
Response: 159184092
Conc: 51.90 ng/ml



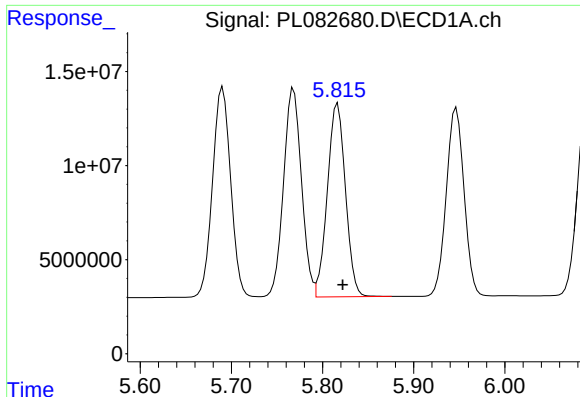
#8 Heptachlor epoxide

R.T.: 5.436 min
Delta R.T.: -0.005 min
Response: 153431453
Conc: 50.30 ng/ml



#8 Heptachlor epoxide

R.T.: 4.573 min
Delta R.T.: -0.010 min
Response: 142952038
Conc: 49.62 ng/ml



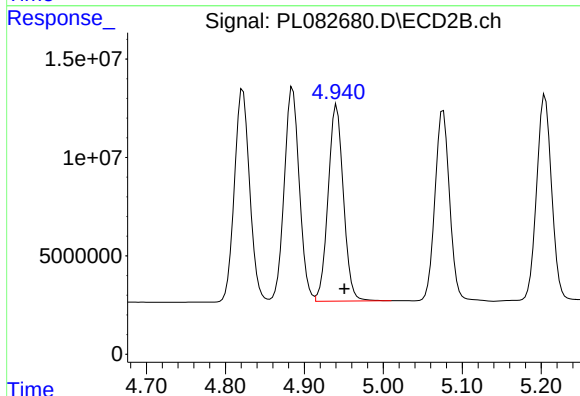
#9 Endosulfan I

R.T.: 5.817 min
Delta R.T.: -0.005 min
Response: 141907531
Conc: 51.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

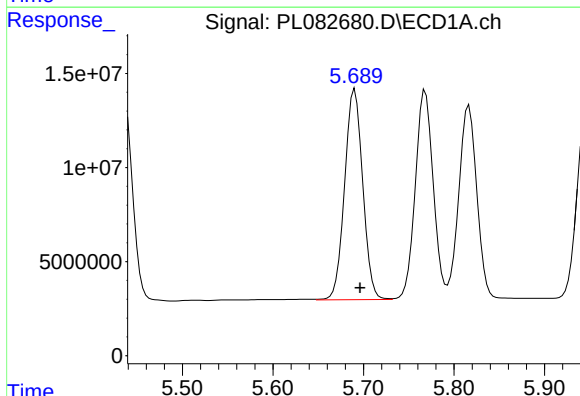
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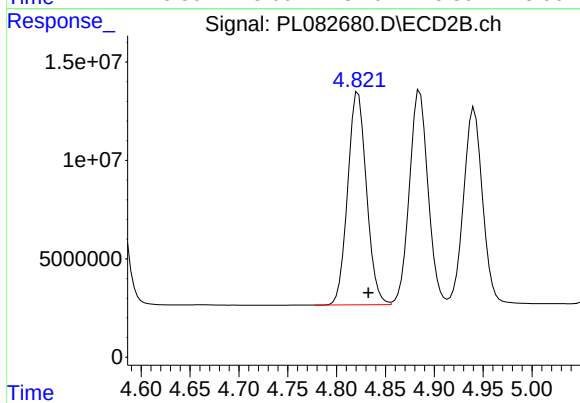
#9 Endosulfan I

R.T.: 4.941 min
Delta R.T.: -0.010 min
Response: 134510554
Conc: 50.39 ng/ml



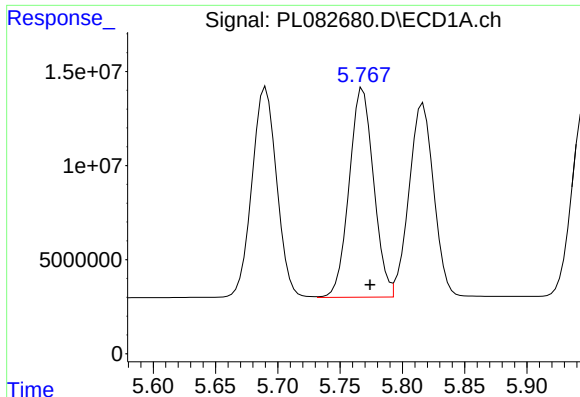
#10 gamma-Chlordane

R.T.: 5.690 min
Delta R.T.: -0.006 min
Response: 155569723
Conc: 51.74 ng/ml



#10 gamma-Chlordane

R.T.: 4.822 min
Delta R.T.: -0.010 min
Response: 144984854
Conc: 49.96 ng/ml



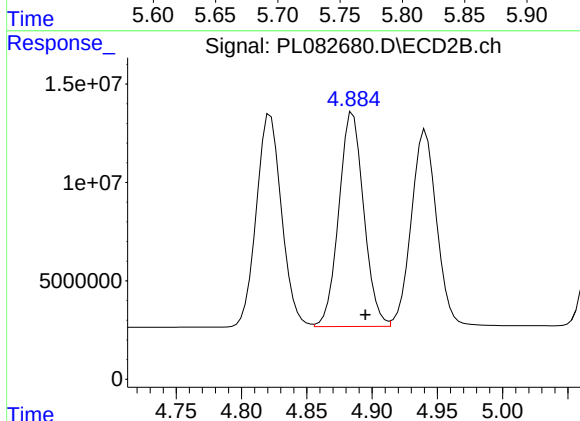
#11 alpha-Chlordane

R.T.: 5.768 min
Delta R.T.: -0.006 min
Response: 152325168
Conc: 51.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

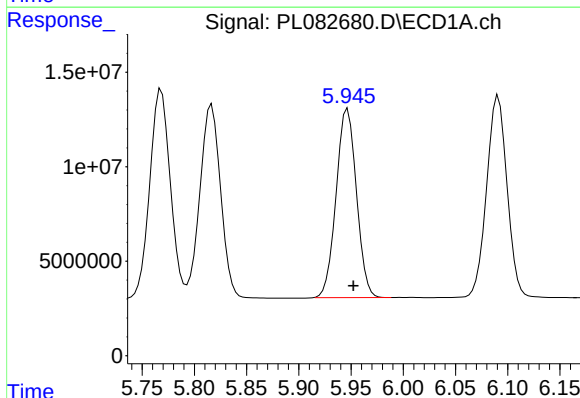
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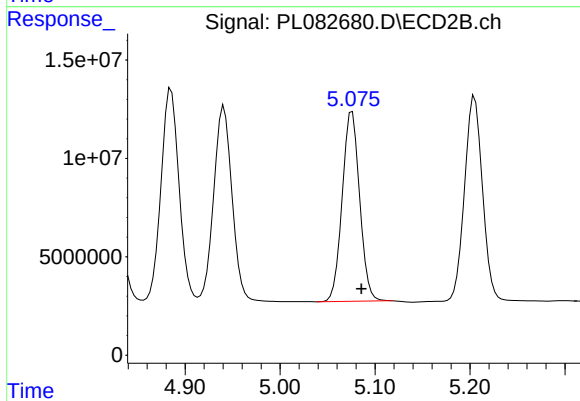
#11 alpha-Chlordane

R.T.: 4.885 min
Delta R.T.: -0.010 min
Response: 144570769
Conc: 49.80 ng/ml



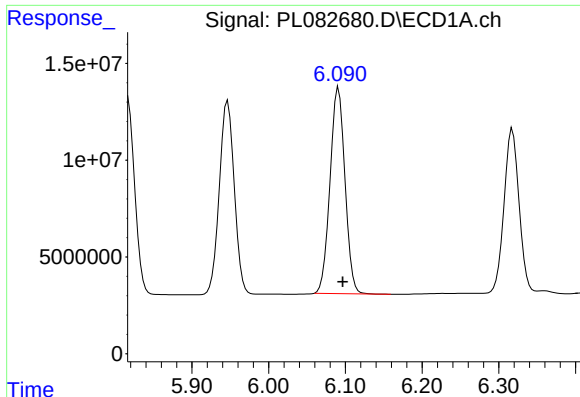
#12 4,4'-DDE

R.T.: 5.947 min
Delta R.T.: -0.006 min
Response: 135090402
Conc: 53.14 ng/ml



#12 4,4'-DDE

R.T.: 5.075 min
Delta R.T.: -0.011 min
Response: 122988993
Conc: 53.50 ng/ml m



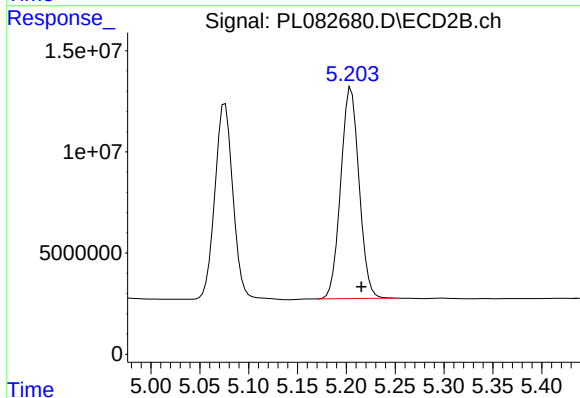
#13 Dieldrin

R.T.: 6.091 min
Delta R.T.: -0.006 min
Response: 143941463
Conc: 52.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

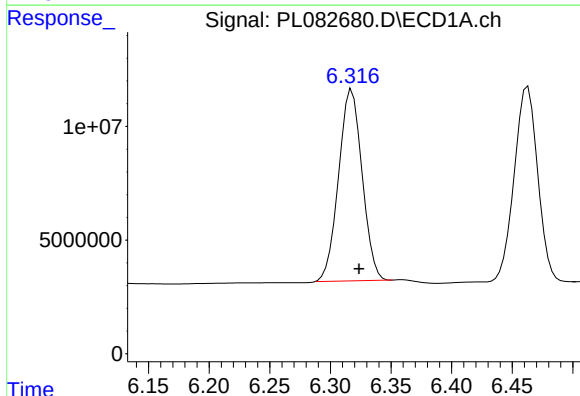
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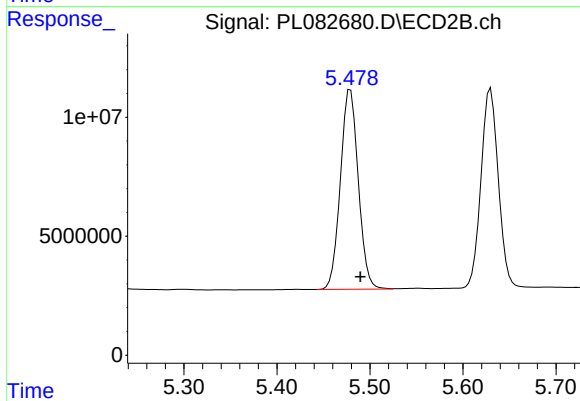
#13 Dieldrin

R.T.: 5.203 min
Delta R.T.: -0.012 min
Response: 136485427
Conc: 50.54 ng/ml m



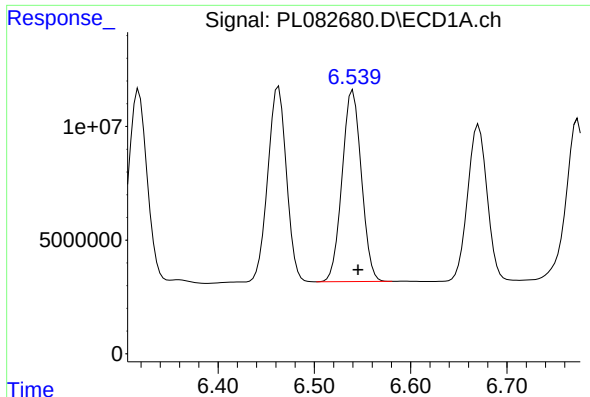
#14 Endrin

R.T.: 6.318 min
Delta R.T.: -0.006 min
Response: 113511479
Conc: 46.82 ng/ml



#14 Endrin

R.T.: 5.478 min
Delta R.T.: -0.012 min
Response: 112234338
Conc: 45.89 ng/ml m



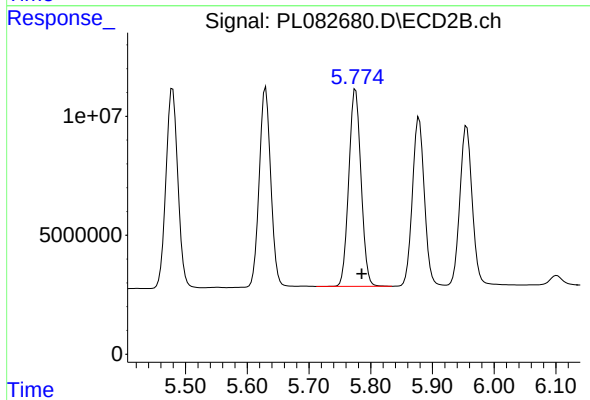
#15 Endosulfan II

R.T.: 6.540 min
Delta R.T.: -0.005 min
Response: 116815487
Conc: 47.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

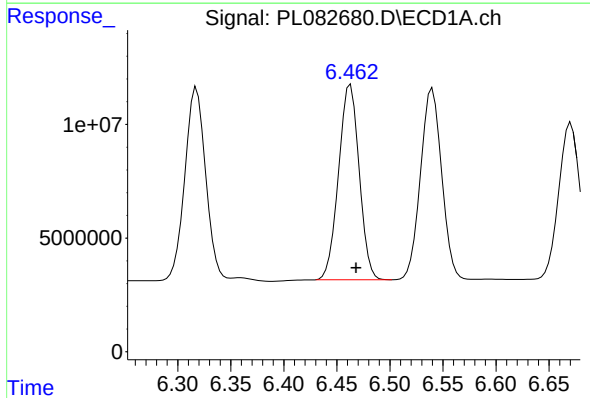
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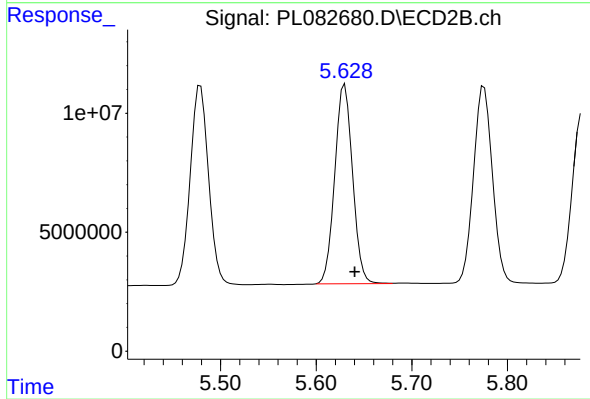
#15 Endosulfan II

R.T.: 5.776 min
Delta R.T.: -0.010 min
Response: 114303187
Conc: 50.71 ng/ml



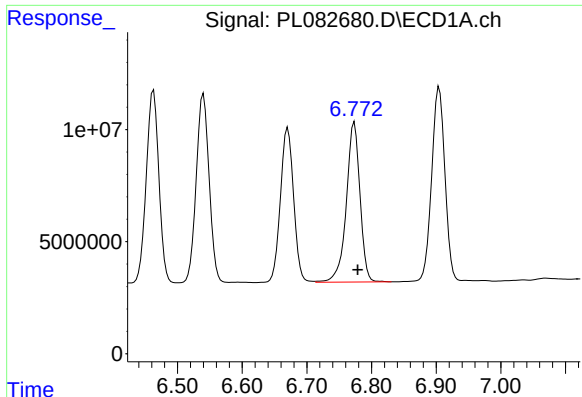
#16 4,4'-DDD

R.T.: 6.463 min
Delta R.T.: -0.005 min
Response: 115979393
Conc: 57.21 ng/ml



#16 4,4'-DDD

R.T.: 5.630 min
Delta R.T.: -0.010 min
Response: 108330610
Conc: 57.92 ng/ml



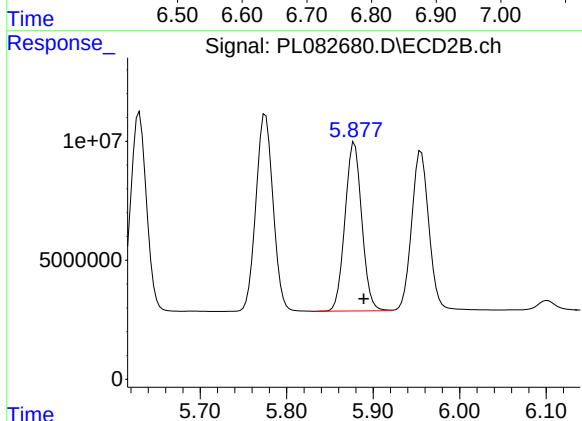
#17 4,4'-DDT

R.T.: 6.773 min
Delta R.T.: -0.006 min
Response: 105147027
Conc: 45.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

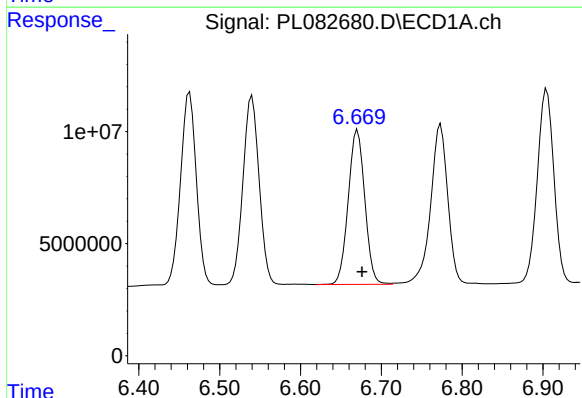
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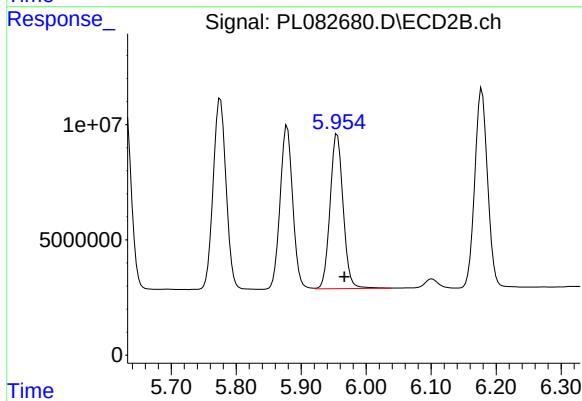
#17 4,4'-DDT

R.T.: 5.878 min
Delta R.T.: -0.011 min
Response: 95316366
Conc: 45.12 ng/ml



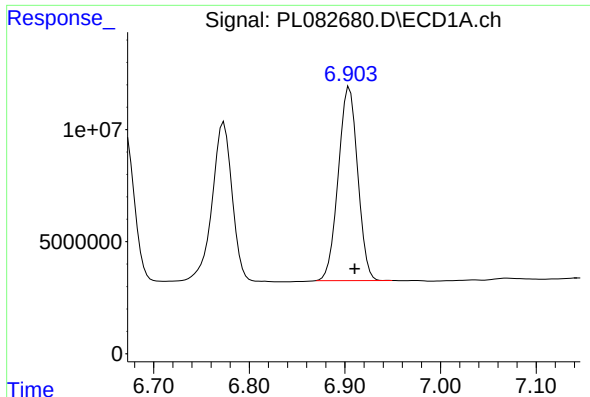
#18 Endrin aldehyde

R.T.: 6.671 min
Delta R.T.: -0.006 min
Response: 98038516
Conc: 52.03 ng/ml



#18 Endrin aldehyde

R.T.: 5.955 min
Delta R.T.: -0.011 min
Response: 93416415
Conc: 49.92 ng/ml



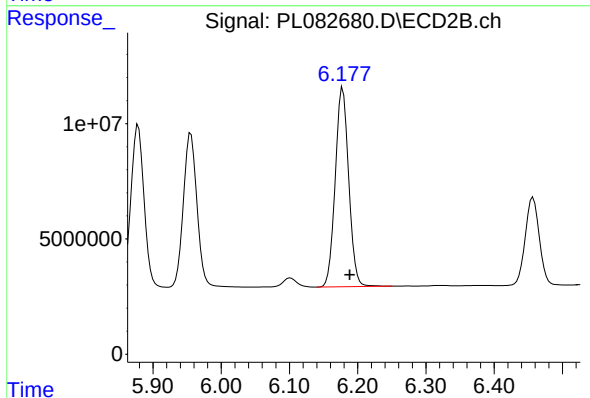
#19 Endosulfan Sulfate

R.T.: 6.905 min
Delta R.T.: -0.005 min
Response: 122177025
Conc: 51.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

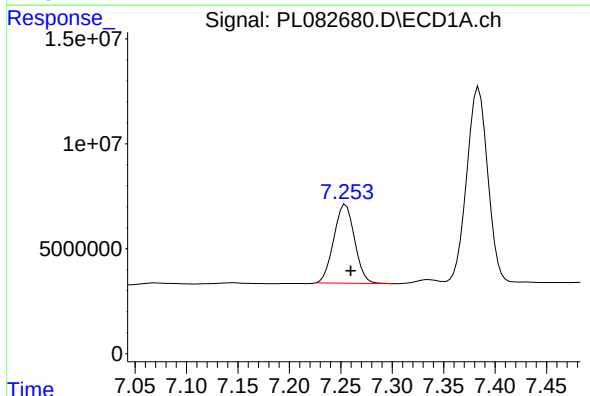
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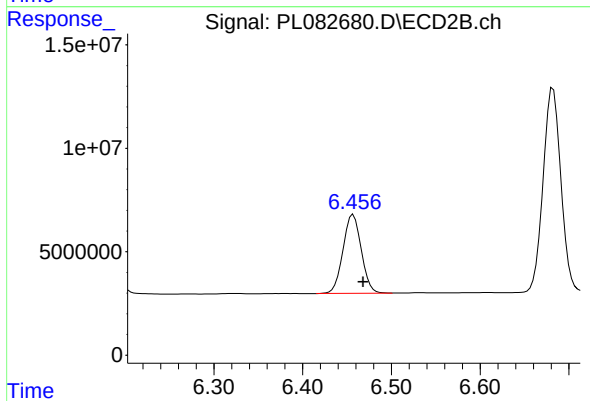
#19 Endosulfan Sulfate

R.T.: 6.178 min
Delta R.T.: -0.011 min
Response: 118218783
Conc: 50.21 ng/ml



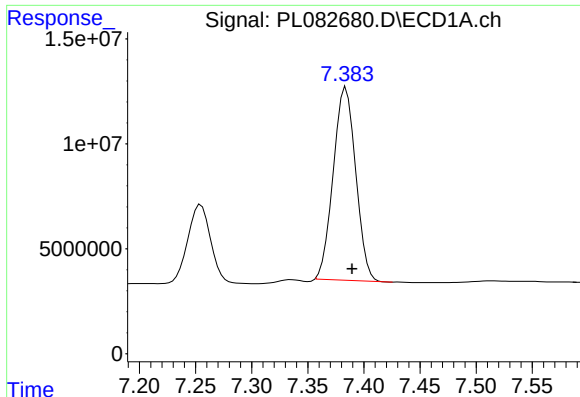
#20 Methoxychlor

R.T.: 7.255 min
Delta R.T.: -0.005 min
Response: 52740400
Conc: 43.22 ng/ml



#20 Methoxychlor

R.T.: 6.456 min
Delta R.T.: -0.013 min
Response: 54602142
Conc: 45.06 ng/ml m



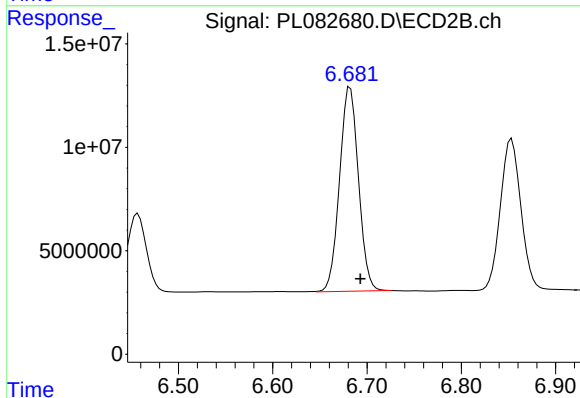
#21 Endrin ketone

R.T.: 7.384 min
Delta R.T.: -0.005 min
Response: 127802561
Conc: 53.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

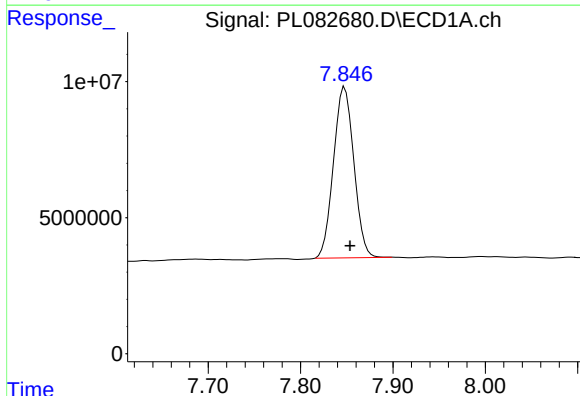
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Supervised By :Ankita Jodhani 05/16/2023



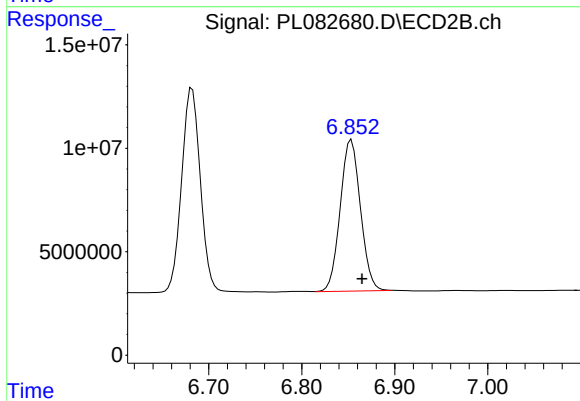
#21 Endrin ketone

R.T.: 6.681 min
Delta R.T.: -0.012 min
Response: 137530862
Conc: 54.18 ng/ml m



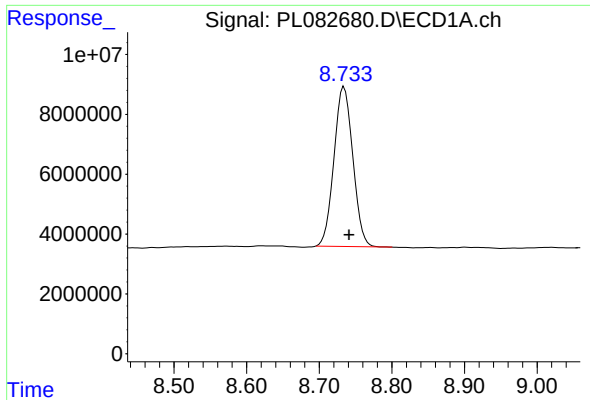
#22 Mirex

R.T.: 7.848 min
Delta R.T.: -0.006 min
Response: 96249399
Conc: 49.20 ng/ml



#22 Mirex

R.T.: 6.852 min
Delta R.T.: -0.013 min
Response: 110815955
Conc: 48.09 ng/ml m



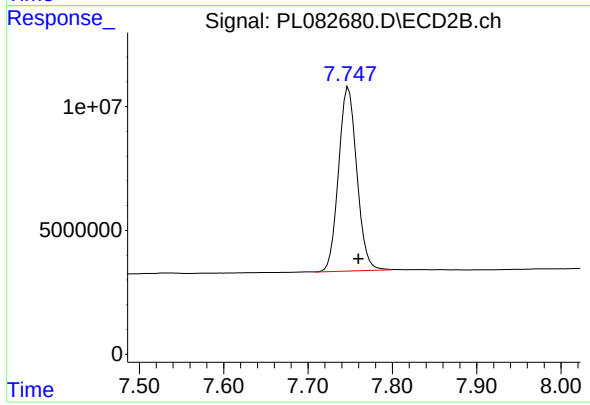
#28 Decachlorobiphenyl

R.T.: 8.734 min
Delta R.T.: -0.007 min
Response: 96512574
Conc: 50.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/12/2023
Supervised By :Ankita Jodhani 05/16/2023



#28 Decachlorobiphenyl

R.T.: 7.747 min
Delta R.T.: -0.013 min
Response: 111842032
Conc: 49.00 ng/ml m