

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092123\
 Data File : PL085467.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Sep 2023 13:39
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/22/2023
 Supervised By : Ankita Jodhani 09/22/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 18:13:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091923.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 20 10:25:09 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...	3.413	2.651	184.0E6	80036524	55.236	52.613
28)	SA Decachlor...	8.947	7.827	161.8E6	92029912	47.525	47.008
Target Compounds							
2)	A alpha-BHC	3.869	3.154	282.4E6	127.2E6	57.299	54.584
3)	MA gamma-BHC...	4.202	3.484	277.7E6	124.9E6	56.814	54.207
4)	MA Heptachlor	4.793	3.823	262.1E6	118.0E6	56.861	54.857
5)	MB Aldrin	5.134	4.102	264.4E6	126.0E6	54.610	53.884
6)	B beta-BHC	4.404	3.787	112.6E6	51349243	54.066	53.431
7)	B delta-BHC	4.649	4.014	276.9E6	129.1E6	58.052	55.903
8)	B Heptachlo...	5.564	4.608	236.1E6	108.6E6	55.026	52.544
9)	A Endosulfan I	5.949	4.977	219.6E6	104.8E6	53.285	51.321
10)	B gamma-Chl...	5.822	4.861	239.9E6	113.4E6	54.698	53.466
11)	B alpha-Chl...	5.901	4.925	233.9E6	114.1E6	53.214	52.401
12)	B 4,4'-DDE	6.083	5.124	213.5E6	108.3E6	53.512	53.529
13)	MA Dieldrin	6.227	5.245	231.5E6	115.5E6	53.366	52.789
14)	MA Endrin	6.456	5.518	195.3E6	103.5E6	54.441	55.267m
15)	B Endosulfa...	6.678	5.818	198.7E6	102.0E6	50.220	52.016
16)	A 4,4'-DDD	6.603	5.682	176.1E6	92128657	54.059	53.561
17)	MA 4,4'-DDT	6.920	5.934	185.2E6	98501794	51.589	54.062
18)	B Endrin al...	6.809	6.000	146.9E6	79415594	50.448m	50.123
19)	B Endosulfa...	7.046	6.225	188.6E6	97919755	51.571	52.066
20)	A Methoxychlor	7.404	6.520	102.9E6	53786051	46.963	50.704
21)	B Endrin ke...	7.530	6.729	206.8E6	121.2E6	50.951	48.522
22)	Mirex	8.005	6.907	157.8E6	89932081	49.629	49.467

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091213\
Data File : PL085467.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Sep 2023 13:39
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

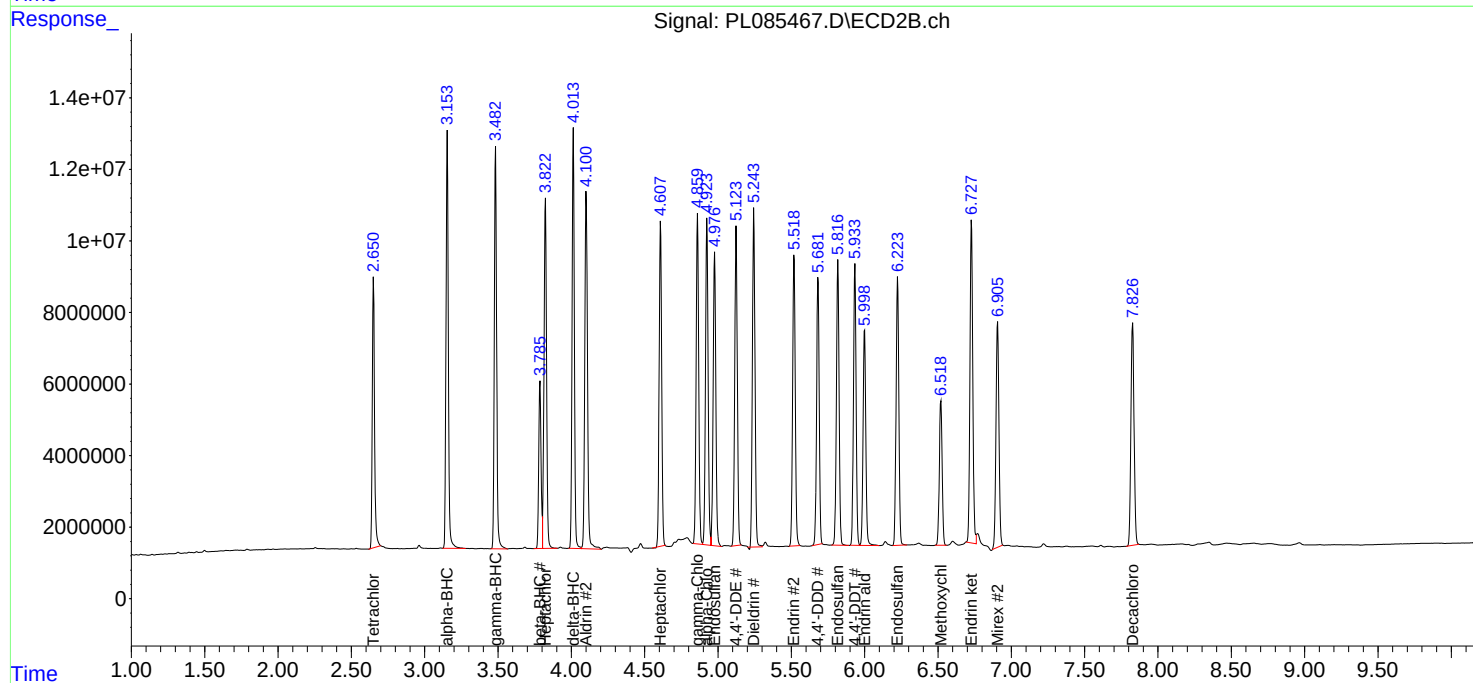
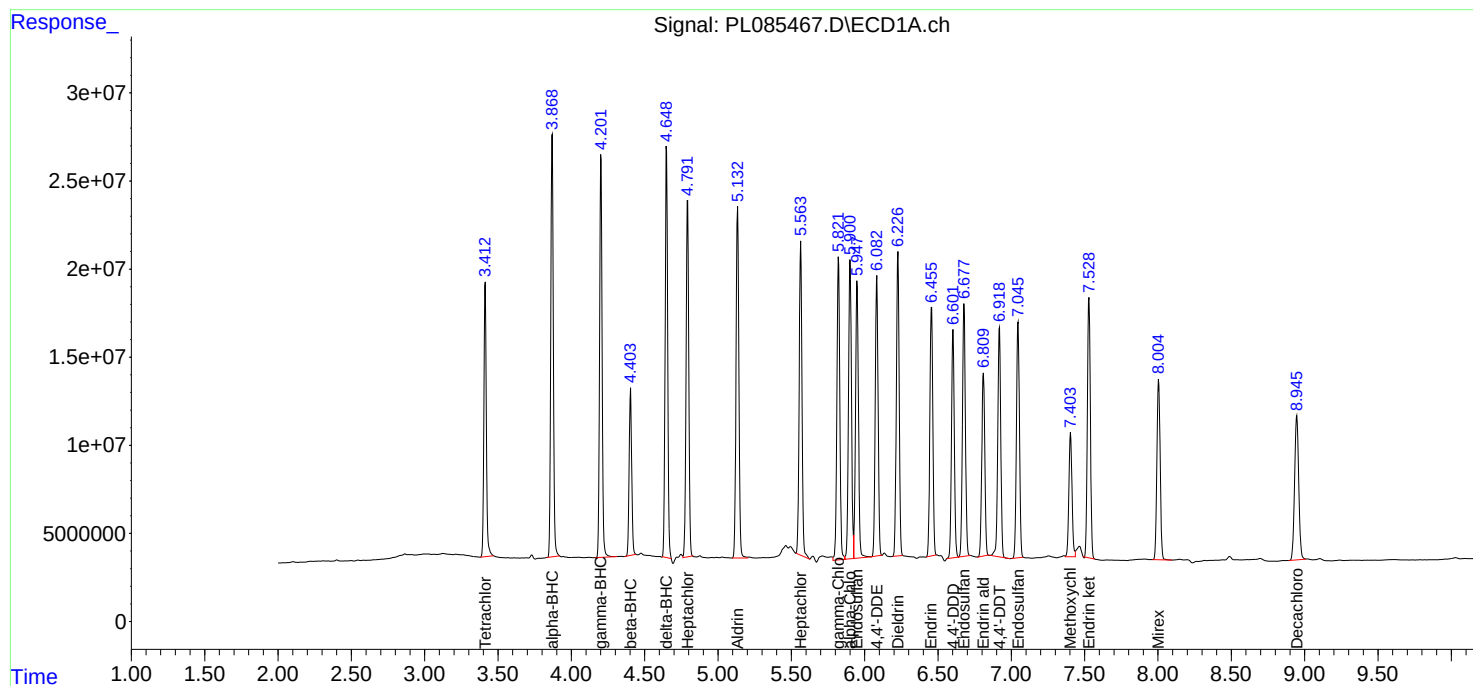
APPROVED

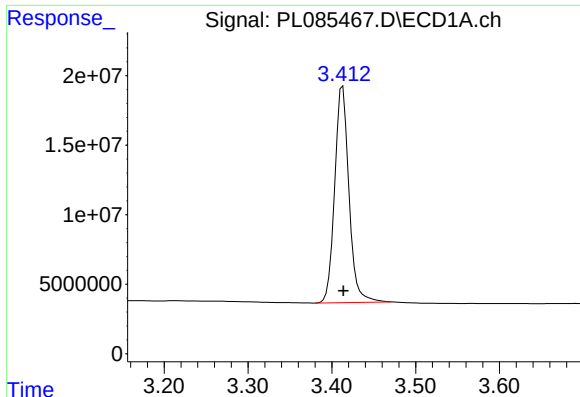
Reviewed By :Abdul Mirza 09/22/2023

Supervised By :Ankita Jodhani 09/22/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 21 18:13:01 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091923.M
Quant Title : GC Extractables
QLast Update : Wed Sep 20 10:25:09 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





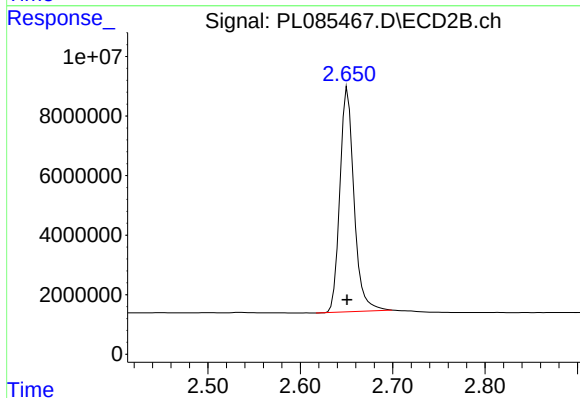
#1 Tetrachloro-m-xylene

R.T.: 3.413 min
Delta R.T.: -0.001 min
Response: 183966300
Conc: 55.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

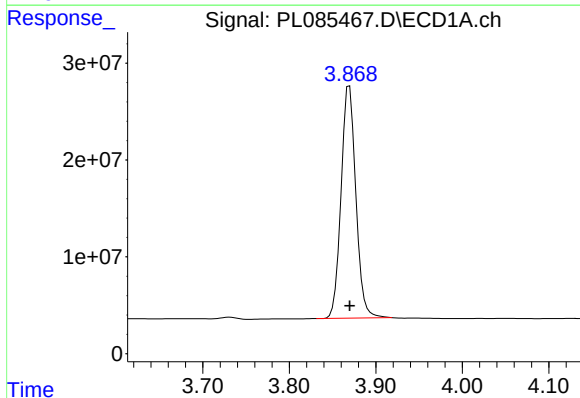
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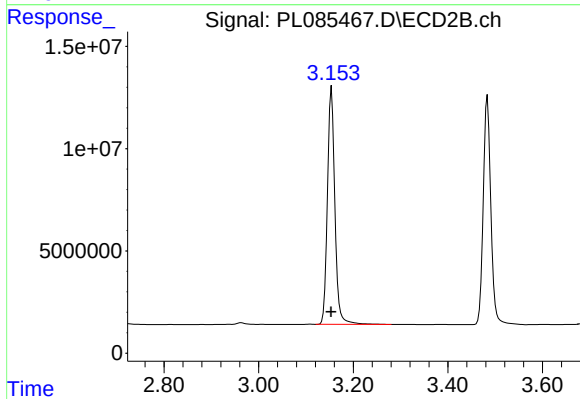
#1 Tetrachloro-m-xylene

R.T.: 2.651 min
Delta R.T.: 0.000 min
Response: 80036524
Conc: 52.61 ng/ml



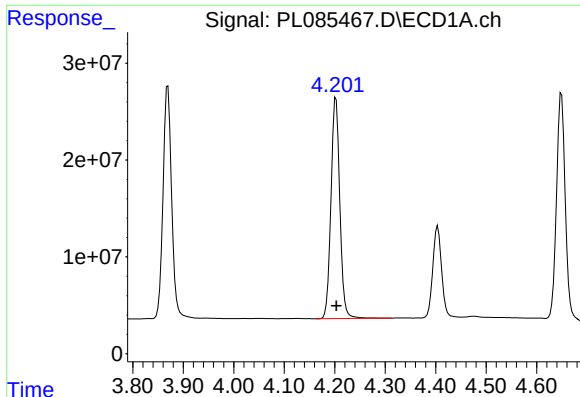
#2 alpha-BHC

R.T.: 3.869 min
Delta R.T.: 0.000 min
Response: 282382382
Conc: 57.30 ng/ml



#2 alpha-BHC

R.T.: 3.154 min
Delta R.T.: 0.000 min
Response: 127186088
Conc: 54.58 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.202 min
Delta R.T.: 0.000 min
Response: 277700467
Conc: 56.81 ng/ml

Instrument :

ECD_L

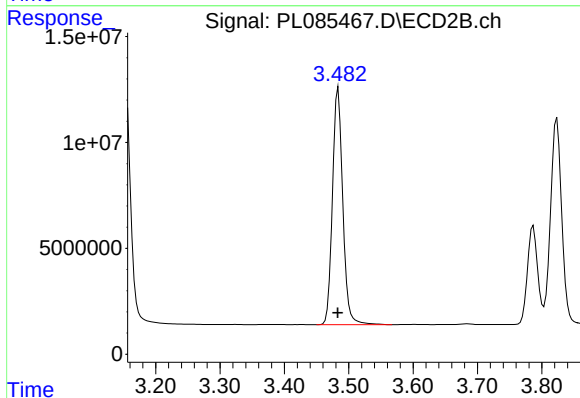
ClientSampleId :

PSTDCCC050

Manual Integrations

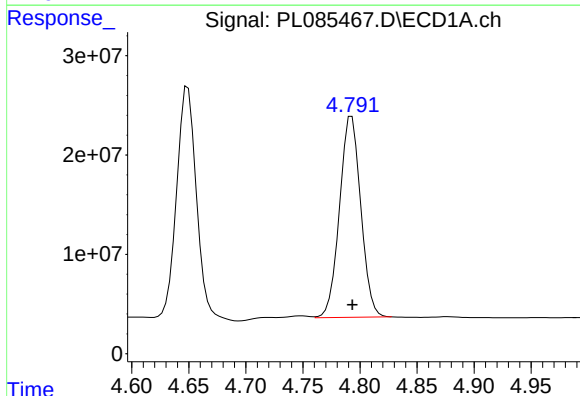
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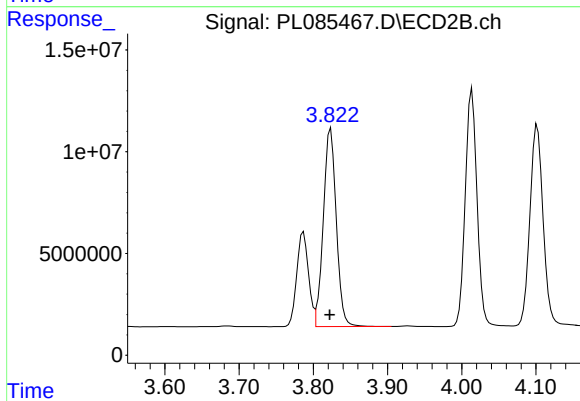
#3 gamma-BHC (Lindane)

R.T.: 3.484 min
Delta R.T.: 0.000 min
Response: 124868201
Conc: 54.21 ng/ml



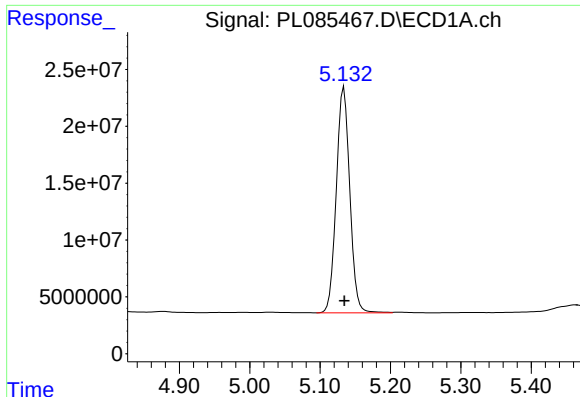
#4 Heptachlor

R.T.: 4.793 min
Delta R.T.: 0.000 min
Response: 262077021
Conc: 56.86 ng/ml



#4 Heptachlor

R.T.: 3.823 min
Delta R.T.: 0.001 min
Response: 117976118
Conc: 54.86 ng/ml



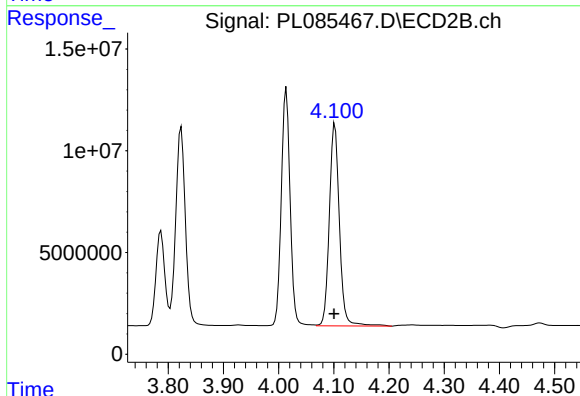
#5 Aldrin

R.T.: 5.134 min
Delta R.T.: 0.000 min
Response: 264350983
Conc: 54.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

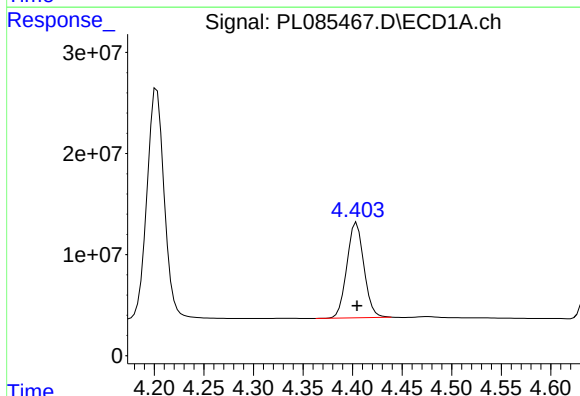
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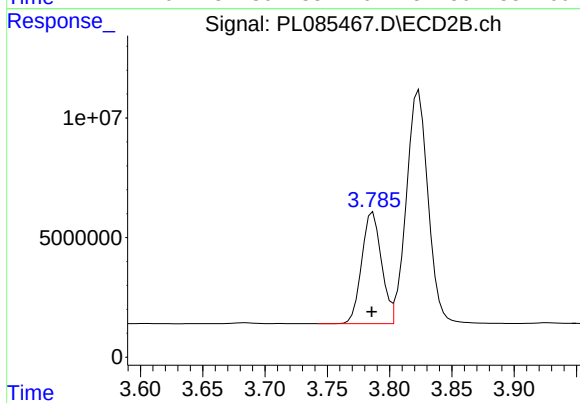
#5 Aldrin

R.T.: 4.102 min
Delta R.T.: 0.001 min
Response: 126046347
Conc: 53.88 ng/ml



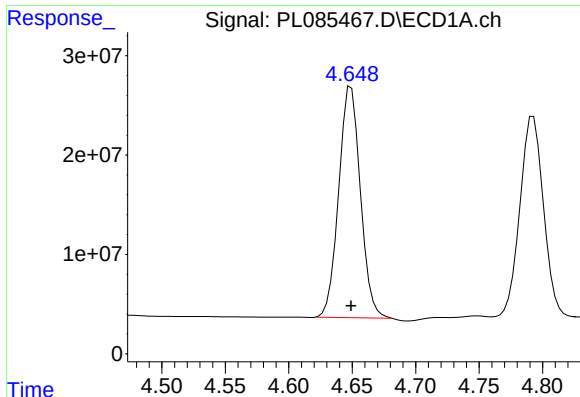
#6 beta-BHC

R.T.: 4.404 min
Delta R.T.: 0.000 min
Response: 112580898
Conc: 54.07 ng/ml



#6 beta-BHC

R.T.: 3.787 min
Delta R.T.: 0.001 min
Response: 51349243
Conc: 53.43 ng/ml



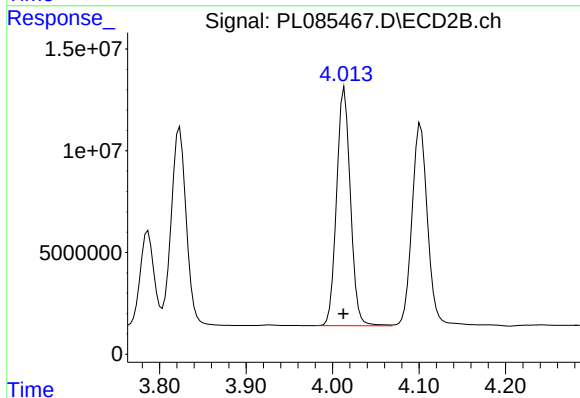
#7 delta-BHC

R.T.: 4.649 min
Delta R.T.: 0.000 min
Response: 276901425
Conc: 58.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

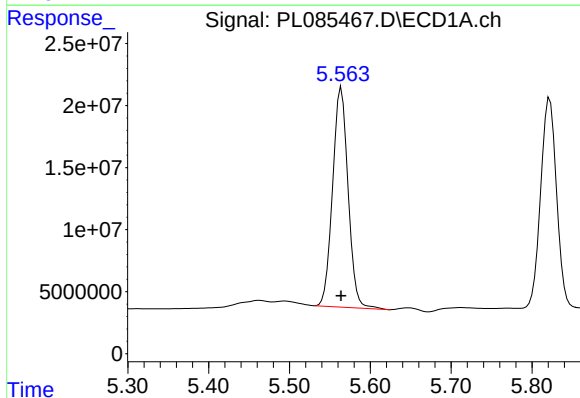
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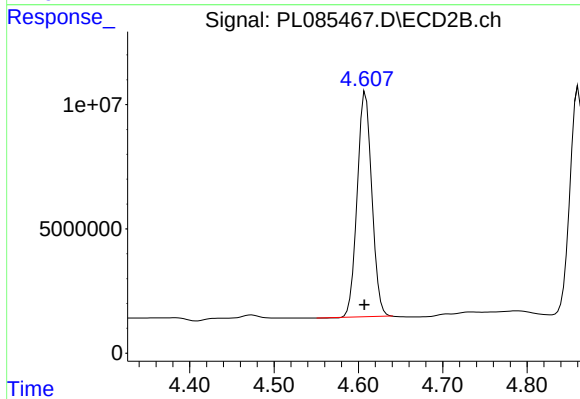
#7 delta-BHC

R.T.: 4.014 min
Delta R.T.: 0.001 min
Response: 129086978
Conc: 55.90 ng/ml



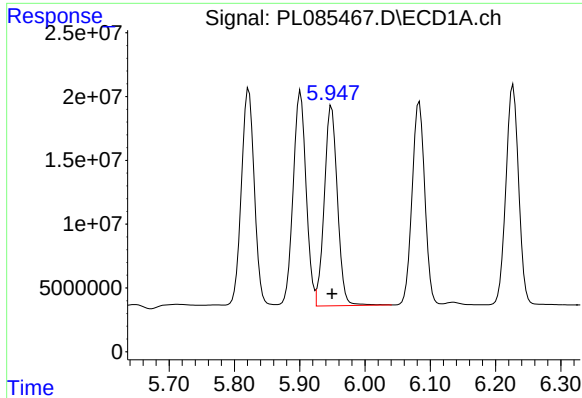
#8 Heptachlor epoxide

R.T.: 5.564 min
Delta R.T.: 0.000 min
Response: 236109569
Conc: 55.03 ng/ml



#8 Heptachlor epoxide

R.T.: 4.608 min
Delta R.T.: 0.001 min
Response: 108638844
Conc: 52.54 ng/ml



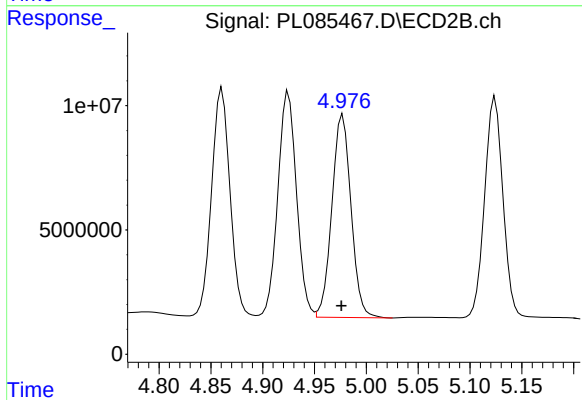
#9 Endosulfan I

R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 219637550
Conc: 53.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

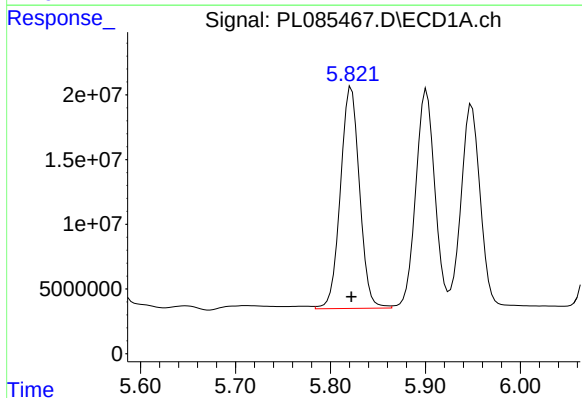
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Supervised By :Ankita Jodhani 09/22/2023



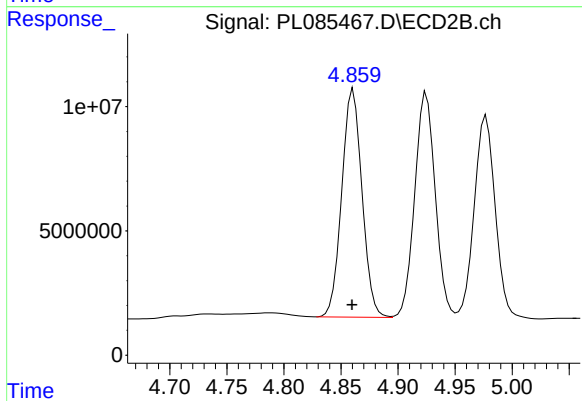
#9 Endosulfan I

R.T.: 4.977 min
Delta R.T.: 0.001 min
Response: 104766871
Conc: 51.32 ng/ml



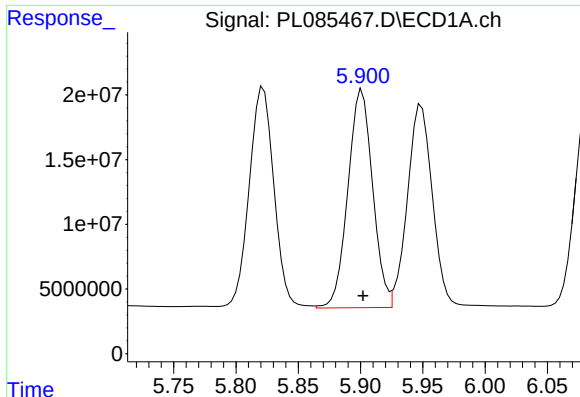
#10 gamma-Chlordane

R.T.: 5.822 min
Delta R.T.: 0.000 min
Response: 239896842
Conc: 54.70 ng/ml



#10 gamma-Chlordane

R.T.: 4.861 min
Delta R.T.: 0.001 min
Response: 113389545
Conc: 53.47 ng/ml



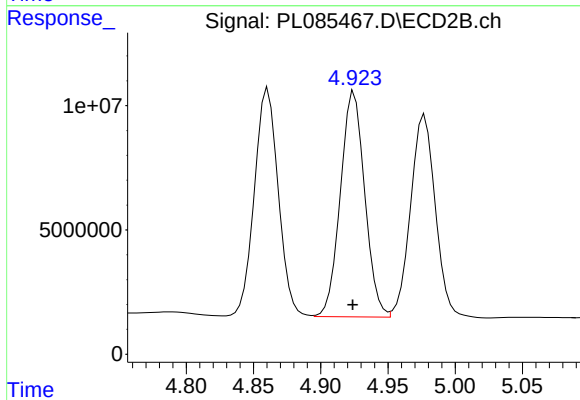
#11 alpha-Chlordane

R.T.: 5.901 min
Delta R.T.: 0.000 min
Response: 233922120
Conc: 53.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

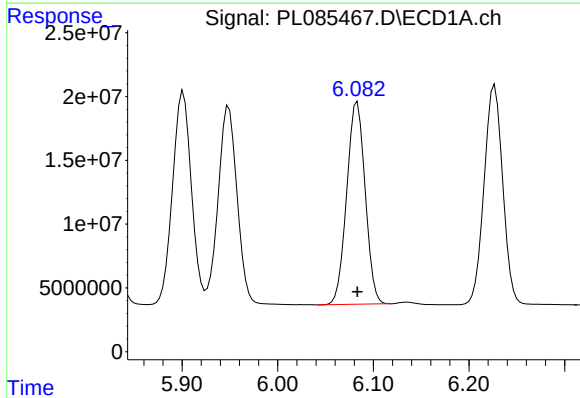
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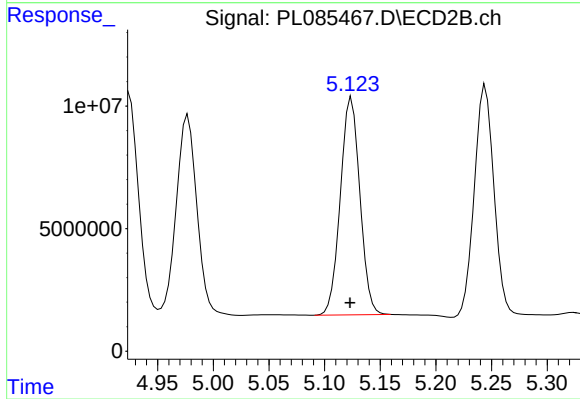
#11 alpha-Chlordane

R.T.: 4.925 min
Delta R.T.: 0.001 min
Response: 114068355
Conc: 52.40 ng/ml



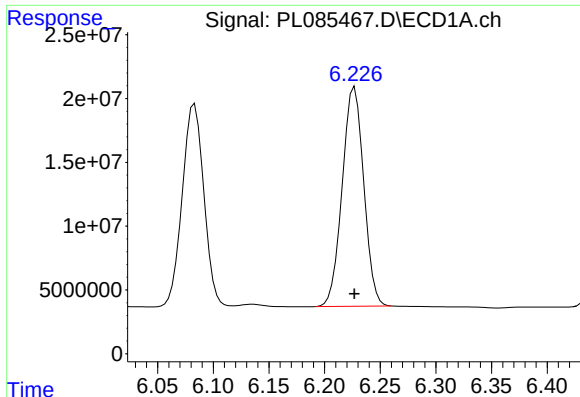
#12 4,4'-DDE

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 213486155
Conc: 53.51 ng/ml



#12 4,4'-DDE

R.T.: 5.124 min
Delta R.T.: 0.001 min
Response: 108346259
Conc: 53.53 ng/ml



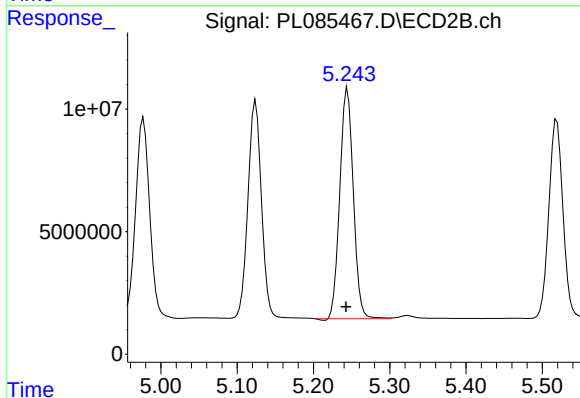
#13 Dieldrin

R.T.: 6.227 min
Delta R.T.: 0.000 min
Response: 231489712
Conc: 53.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

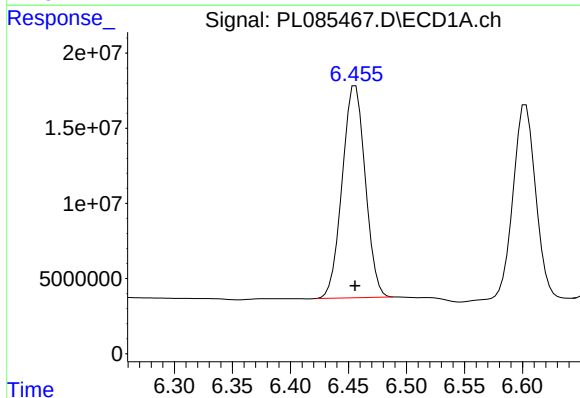
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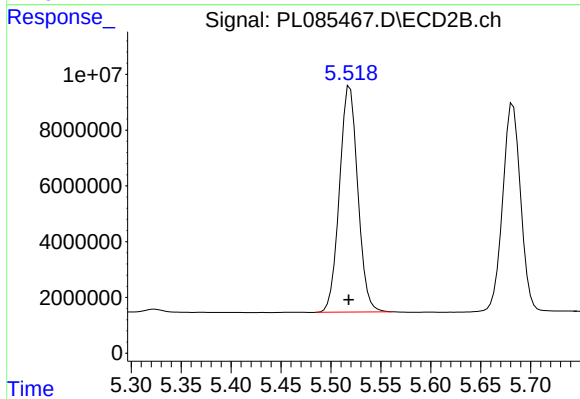
#13 Dieldrin

R.T.: 5.245 min
Delta R.T.: 0.002 min
Response: 115455756
Conc: 52.79 ng/ml



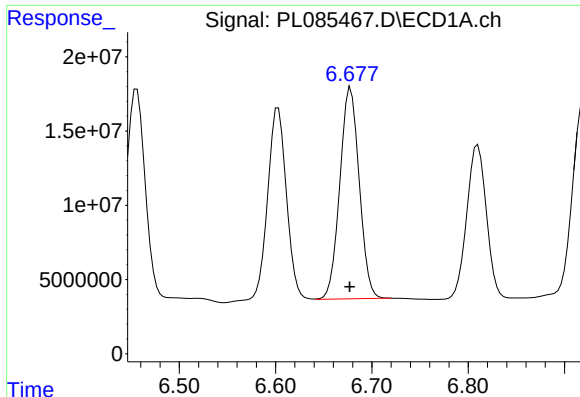
#14 Endrin

R.T.: 6.456 min
Delta R.T.: 0.000 min
Response: 195337490
Conc: 54.44 ng/ml



#14 Endrin

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 103531688
Conc: 55.27 ng/ml m



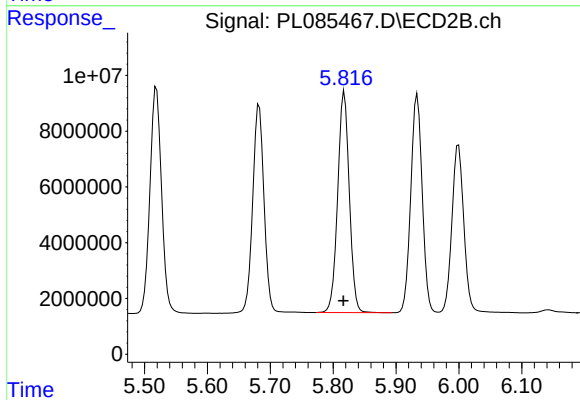
#15 Endosulfan II

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 198698008
Conc: 50.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

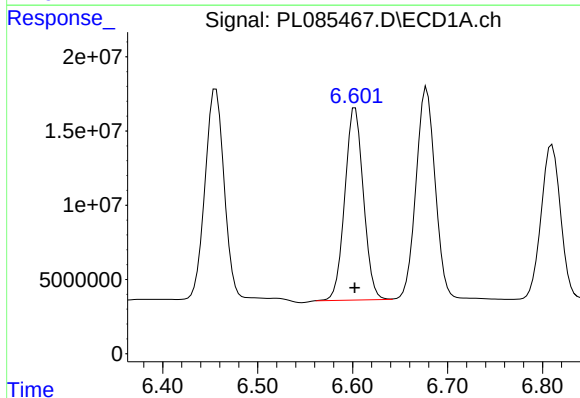
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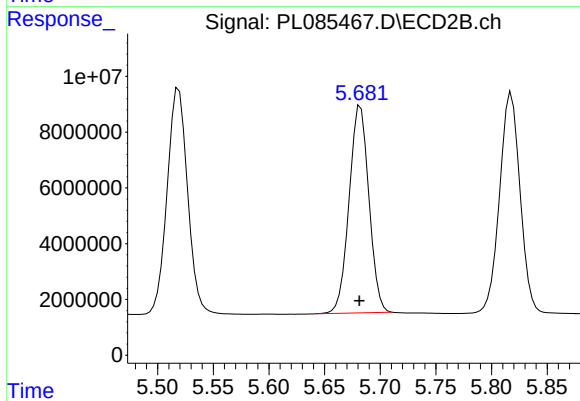
#15 Endosulfan II

R.T.: 5.818 min
Delta R.T.: 0.002 min
Response: 102000116
Conc: 52.02 ng/ml



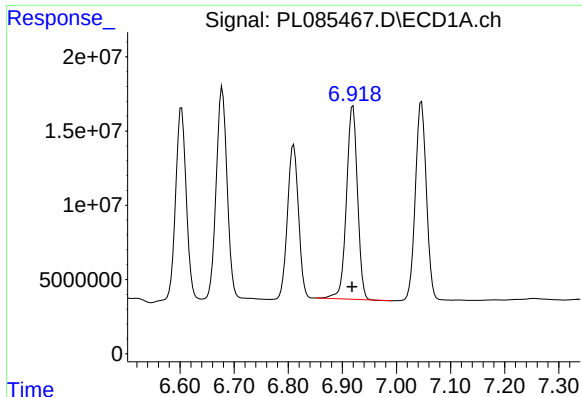
#16 4,4'-DDD

R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 176142562
Conc: 54.06 ng/ml



#16 4,4'-DDD

R.T.: 5.682 min
Delta R.T.: 0.001 min
Response: 92128657
Conc: 53.56 ng/ml



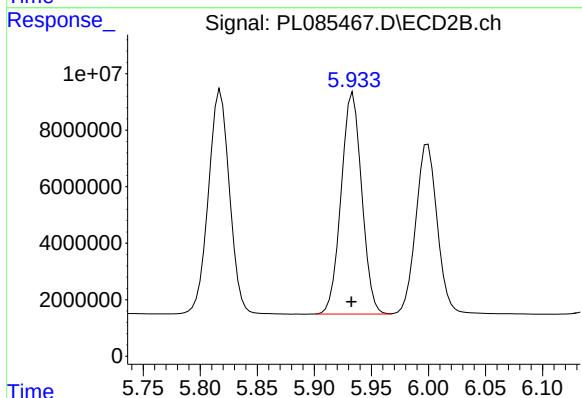
#17 4,4'-DDT

R.T.: 6.920 min
Delta R.T.: 0.002 min
Response: 185208787
Conc: 51.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

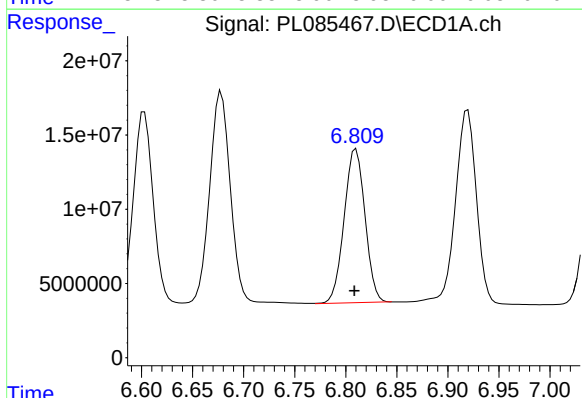
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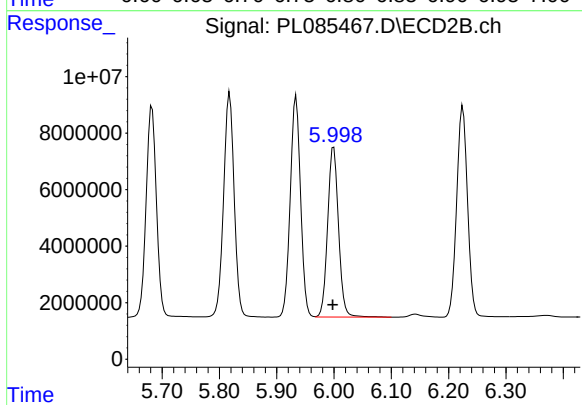
#17 4,4'-DDT

R.T.: 5.934 min
Delta R.T.: 0.001 min
Response: 98501794
Conc: 54.06 ng/ml



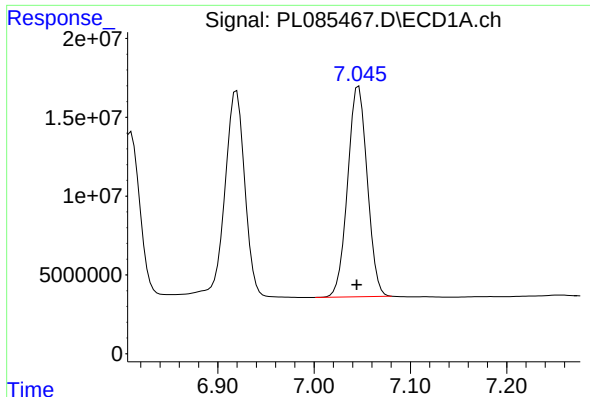
#18 Endrin aldehyde

R.T.: 6.809 min
Delta R.T.: 0.000 min
Response: 146927404
Conc: 50.45 ng/ml m



#18 Endrin aldehyde

R.T.: 6.000 min
Delta R.T.: 0.002 min
Response: 79415594
Conc: 50.12 ng/ml



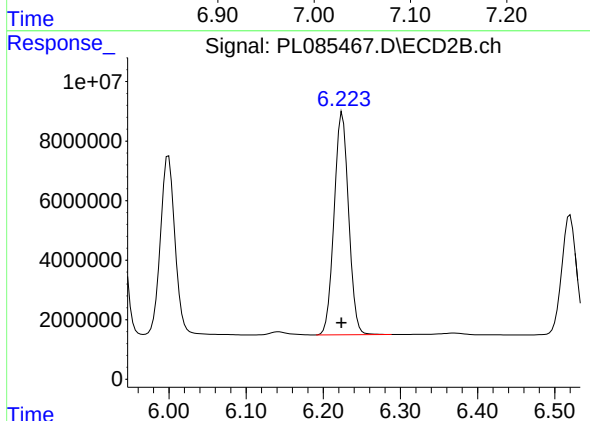
#19 Endosulfan Sulfate

R.T.: 7.046 min
Delta R.T.: 0.002 min
Response: 188560494
Conc: 51.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

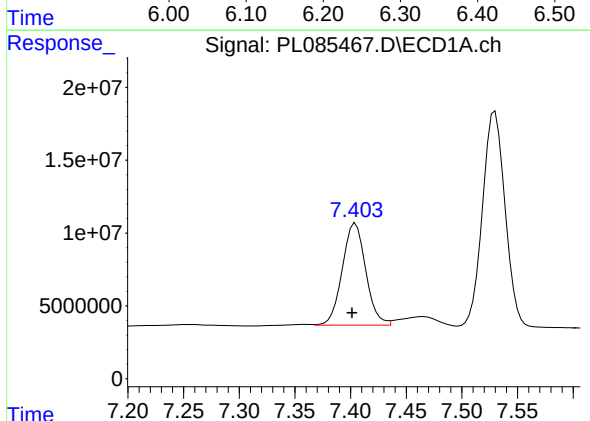
Manual Integrations
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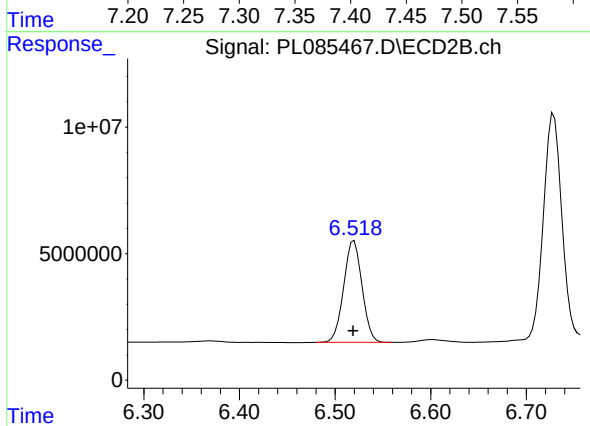
#19 Endosulfan Sulfate

R.T.: 6.225 min
Delta R.T.: 0.001 min
Response: 97919755
Conc: 52.07 ng/ml



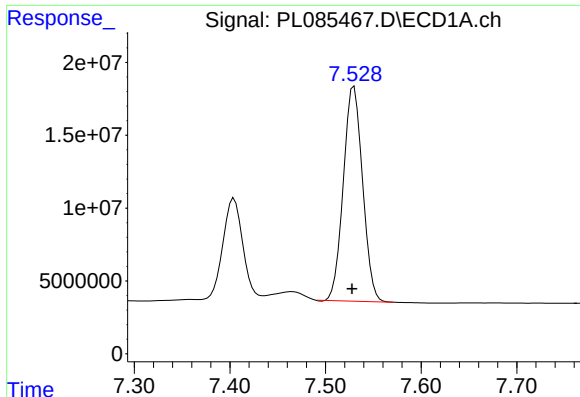
#20 Methoxychlor

R.T.: 7.404 min
Delta R.T.: 0.003 min
Response: 102921276
Conc: 46.96 ng/ml



#20 Methoxychlor

R.T.: 6.520 min
Delta R.T.: 0.001 min
Response: 53786051
Conc: 50.70 ng/ml



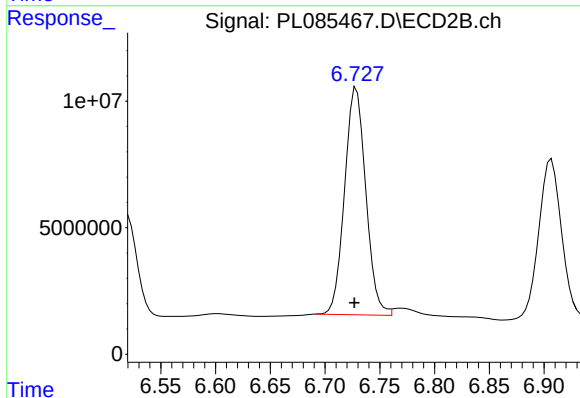
#21 Endrin ketone

R.T.: 7.530 min
Delta R.T.: 0.002 min
Response: 206832034
Conc: 50.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

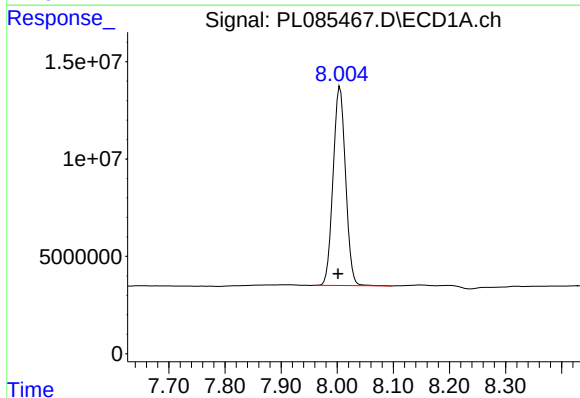
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Reviewed By :Abdul Mirza 09/22/2023
Supervised By :Ankita Jodhani 09/22/2023



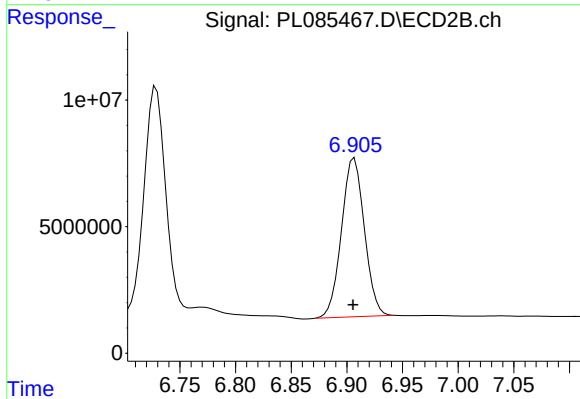
#21 Endrin ketone

R.T.: 6.729 min
Delta R.T.: 0.002 min
Response: 121160000
Conc: 48.52 ng/ml



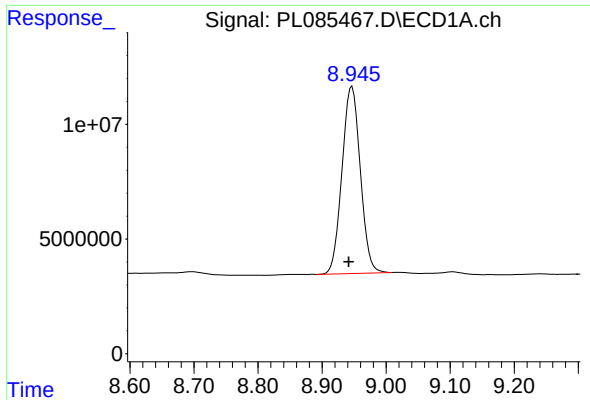
#22 Mirex

R.T.: 8.005 min
Delta R.T.: 0.003 min
Response: 157770320
Conc: 49.63 ng/ml



#22 Mirex

R.T.: 6.907 min
Delta R.T.: 0.001 min
Response: 89932081
Conc: 49.47 ng/ml



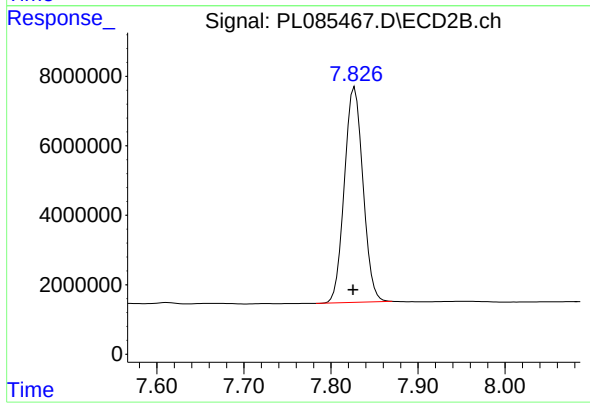
#28 Decachlorobiphenyl

R.T.: 8.947 min
Delta R.T.: 0.005 min
Response: 161765418
Conc: 47.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/22/2023
Supervised By :Ankita Jodhani 09/22/2023



#28 Decachlorobiphenyl

R.T.: 7.827 min
Delta R.T.: 0.002 min
Response: 92029912
Conc: 47.01 ng/ml