

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122723\
 Data File : PL087509.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Dec 2023 09:08
 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 20:28:09 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...	3.422	2.677	213.4E6	88056578	56.695	52.312
2)	SA Decachlor...	8.981	7.864	193.3E6	88292733	56.673	52.277m
Target Compounds							
2)	A alpha-BHC	3.879	3.180	316.7E6	131.1E6	58.495	53.355m
3)	MA gamma-BHC...	4.212	3.511	300.1E6	127.2E6	57.100	52.512
4)	MA Heptachlor	4.803	3.854	288.9E6	119.1E6	54.232m	49.813
5)	MB Aldrin	5.148	4.134	286.8E6	122.2E6	55.080	50.963
6)	B beta-BHC	4.412	3.813	126.5E6	51932468	55.086	49.887
7)	B delta-BHC	4.657	4.042	299.5E6	127.3E6	57.280m	52.021
8)	B Heptachlo...	5.578	4.641	254.4E6	108.2E6	53.989	48.628
9)	A Endosulfan I	5.964	5.013	243.2E6	103.5E6	54.443	47.875
10)	B gamma-Chl...	5.834	4.895	260.3E6	113.2E6	53.700m	49.489
11)	B alpha-Chl...	5.917	4.960	263.7E6	113.2E6	54.866	49.029
12)	B 4,4'-DDE	6.098	5.158	220.9E6	97959357	53.297	49.337
13)	MA Dieldrin	6.243	5.280	245.0E6	107.3E6	52.801	48.174
14)	MA Endrin	6.473	5.556	202.6E6	104.1E6	52.667	52.156
15)	B Endosulfa...	6.694	5.854	206.6E6	91044252	51.517	46.761
16)	A 4,4'-DDD	6.618	5.716	186.5E6	84473509	56.430	51.018
17)	MA 4,4'-DDT	6.936	5.969	195.2E6	87397551	51.907	47.387
18)	B Endrin al...	6.826	6.036	152.3E6	69851482	52.552	47.595
19)	B Endosulfa...	7.062	6.261	204.2E6	91101072	52.014	48.360
20)	A Methoxychlor	7.421	6.553	101.1E6	48032901	51.863	47.027m
21)	B Endrin ke...	7.547	6.765	217.8E6	105.9E6	53.534m	49.768m
22)	Mirex	8.024	6.948	174.0E6	85338105	51.666m	47.966

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122723\
Data File : PL087509.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Dec 2023 09:08
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

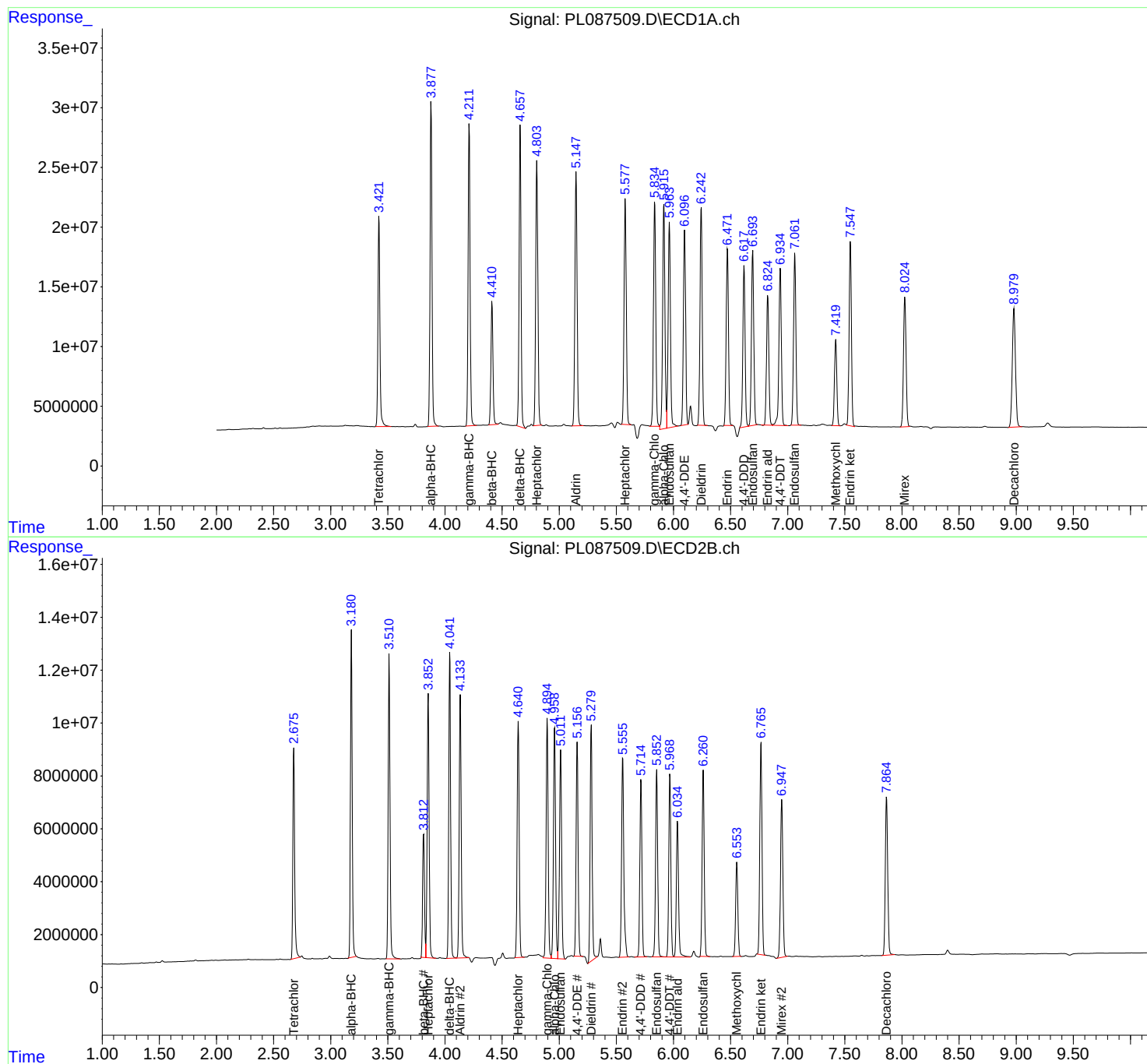
APPROVED

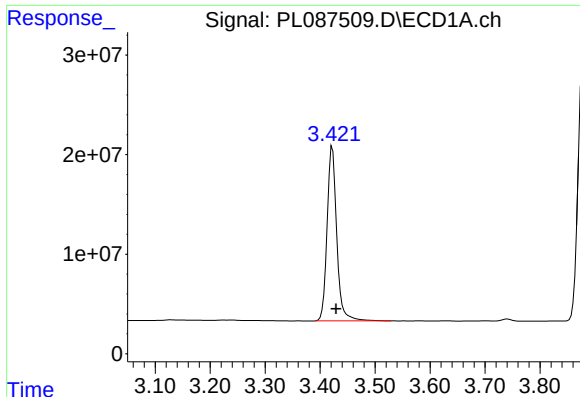
Reviewed By :Abdul Mirza 12/28/2023

Supervised By :Ankita Jodhani 12/28/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 27 20:28:09 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





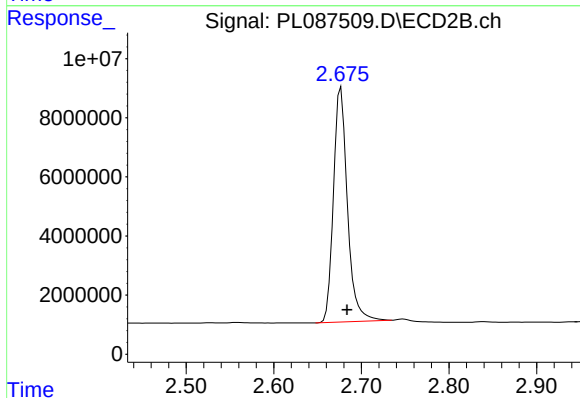
#1 Tetrachloro-m-xylene

R.T.: 3.422 min
Delta R.T.: -0.007 min
Response: 213368437
Conc: 56.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

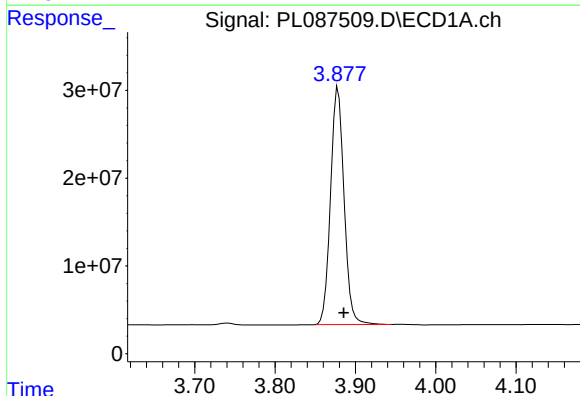
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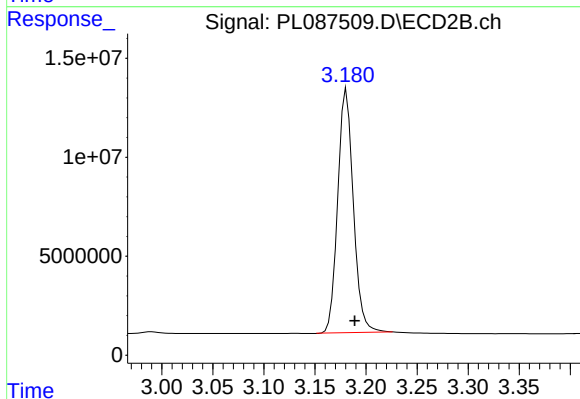
#1 Tetrachloro-m-xylene

R.T.: 2.677 min
Delta R.T.: -0.007 min
Response: 88056578
Conc: 52.31 ng/ml



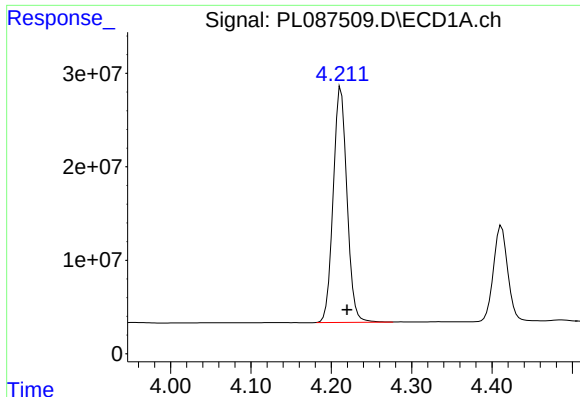
#2 alpha-BHC

R.T.: 3.879 min
Delta R.T.: -0.007 min
Response: 316697834
Conc: 58.49 ng/ml



#2 alpha-BHC

R.T.: 3.180 min
Delta R.T.: -0.009 min
Response: 131125881
Conc: 53.36 ng/ml m



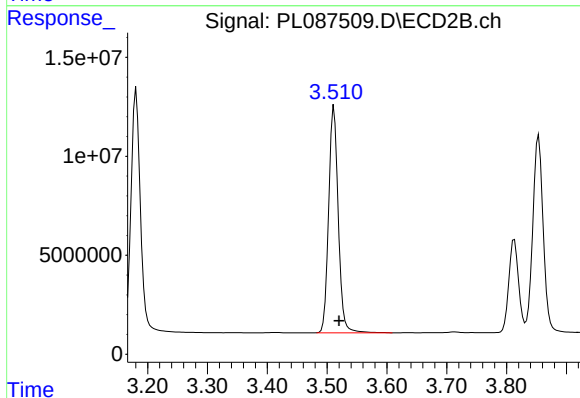
#3 gamma-BHC (Lindane)

R.T.: 4.212 min
Delta R.T.: -0.008 min
Response: 300099900
Conc: 57.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

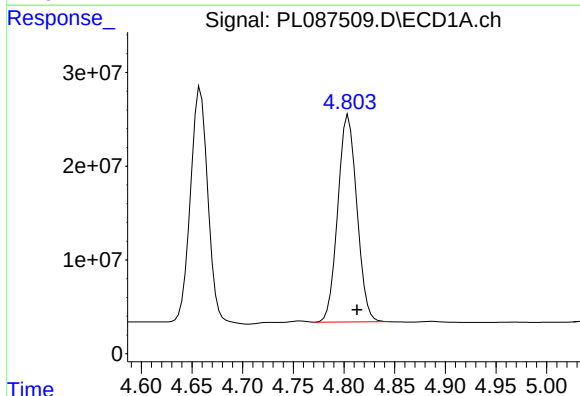
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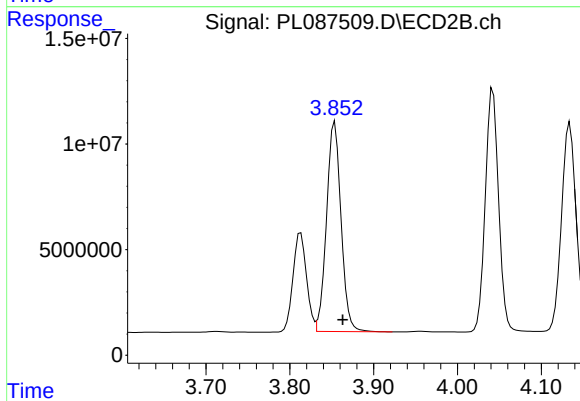
#3 gamma-BHC (Lindane)

R.T.: 3.511 min
Delta R.T.: -0.008 min
Response: 127205558
Conc: 52.51 ng/ml



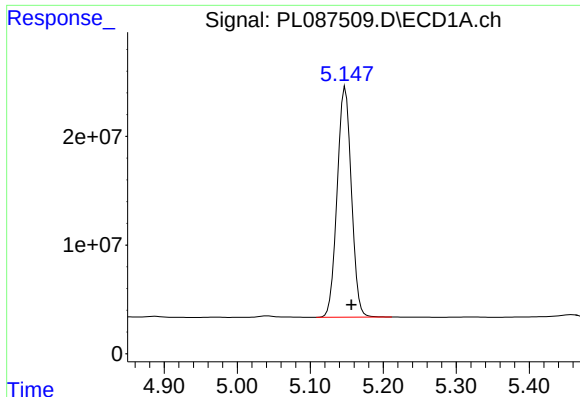
#4 Heptachlor

R.T.: 4.803 min
Delta R.T.: -0.010 min
Response: 288873223
Conc: 54.23 ng/ml m



#4 Heptachlor

R.T.: 3.854 min
Delta R.T.: -0.009 min
Response: 119066721
Conc: 49.81 ng/ml



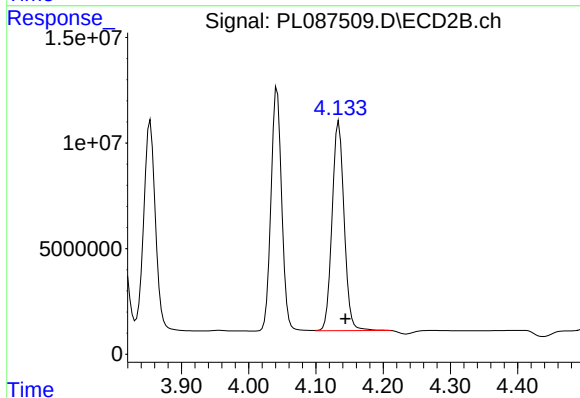
#5 Aldrin

R.T.: 5.148 min
Delta R.T.: -0.008 min
Response: 286770273
Conc: 55.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

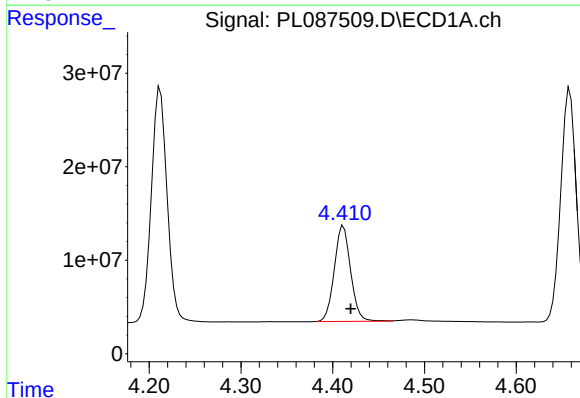
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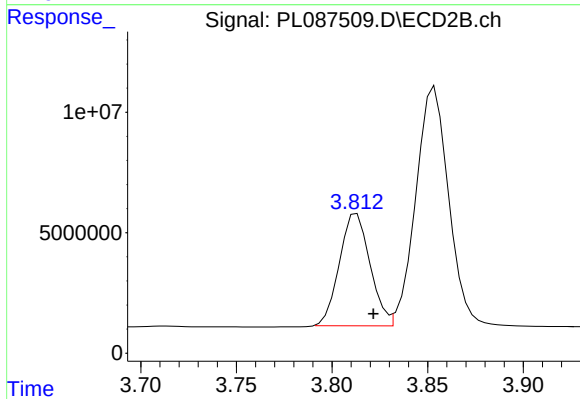
#5 Aldrin

R.T.: 4.134 min
Delta R.T.: -0.009 min
Response: 122197032
Conc: 50.96 ng/ml



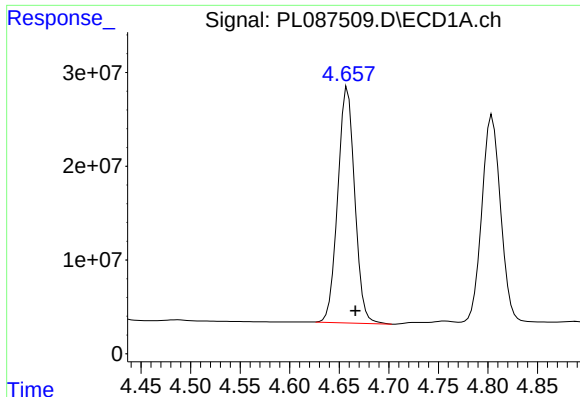
#6 beta-BHC

R.T.: 4.412 min
Delta R.T.: -0.008 min
Response: 126521257
Conc: 55.09 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.009 min
Response: 51932468
Conc: 49.89 ng/ml



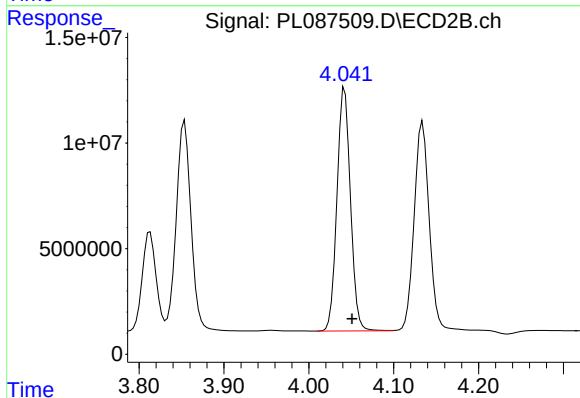
#7 delta-BHC

R.T.: 4.657 min
Delta R.T.: -0.009 min
Response: 299538188
Conc: 57.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

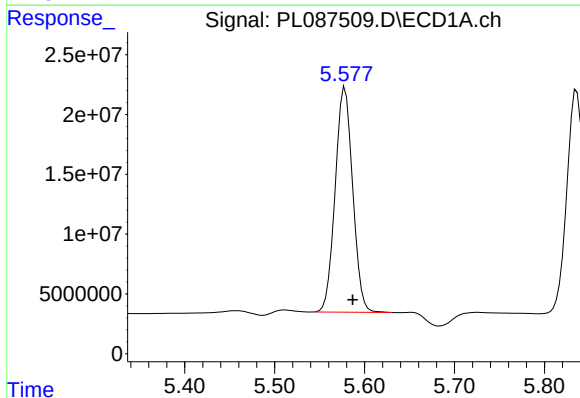
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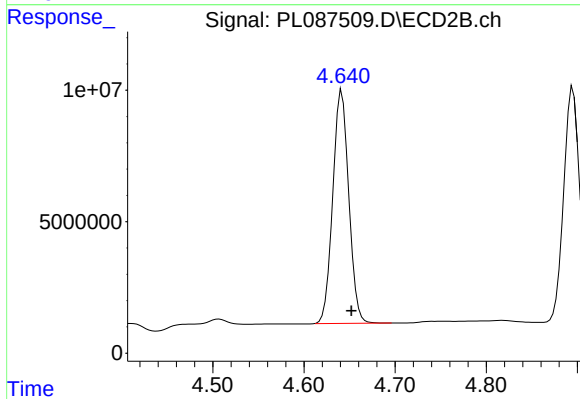
#7 delta-BHC

R.T.: 4.042 min
Delta R.T.: -0.009 min
Response: 127255297
Conc: 52.02 ng/ml



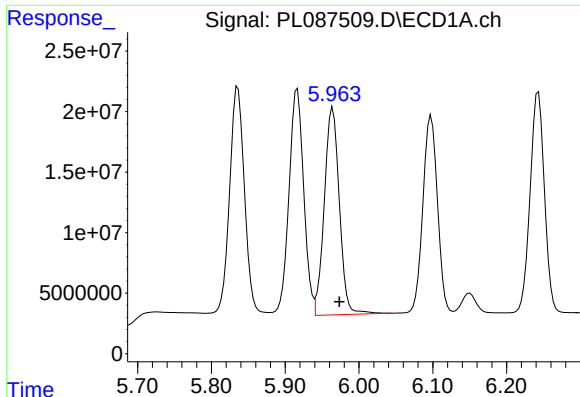
#8 Heptachlor epoxide

R.T.: 5.578 min
Delta R.T.: -0.009 min
Response: 254442145
Conc: 53.99 ng/ml



#8 Heptachlor epoxide

R.T.: 4.641 min
Delta R.T.: -0.011 min
Response: 108213245
Conc: 48.63 ng/ml



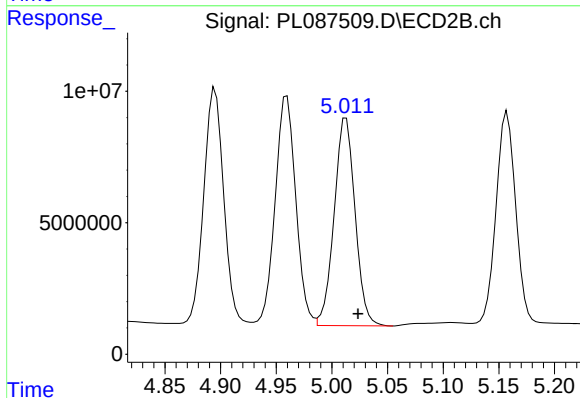
#9 Endosulfan I

R.T.: 5.964 min
Delta R.T.: -0.009 min
Response: 243160733
Conc: 54.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

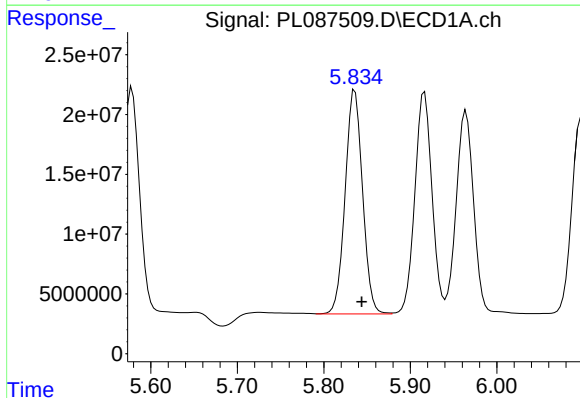
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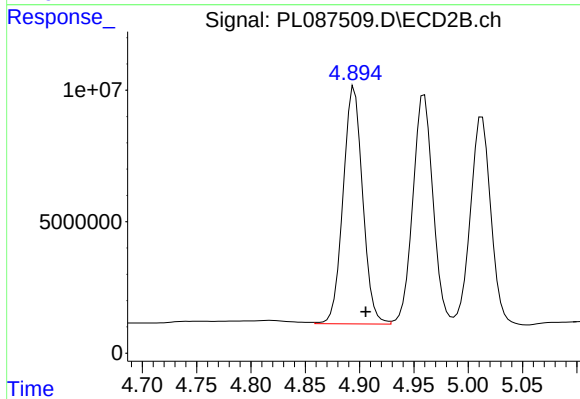
#9 Endosulfan I

R.T.: 5.013 min
Delta R.T.: -0.011 min
Response: 103466084
Conc: 47.88 ng/ml



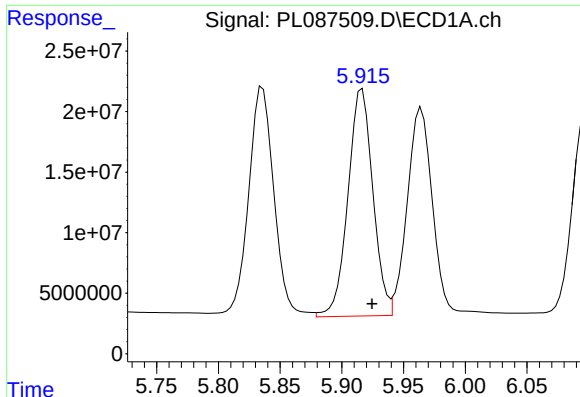
#10 gamma-Chlordane

R.T.: 5.834 min
Delta R.T.: -0.009 min
Response: 260337621
Conc: 53.70 ng/ml m



#10 gamma-Chlordane

R.T.: 4.895 min
Delta R.T.: -0.011 min
Response: 113199115
Conc: 49.49 ng/ml



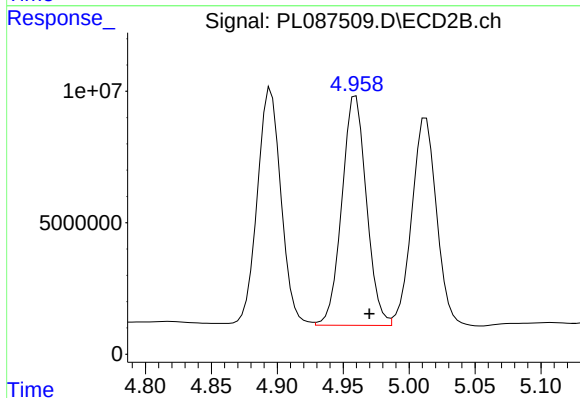
#11 alpha-Chlordane

R.T.: 5.917 min
Delta R.T.: -0.008 min
Response: 263695076
Conc: 54.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

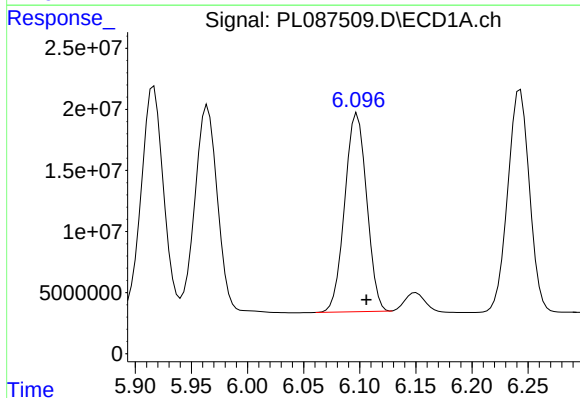
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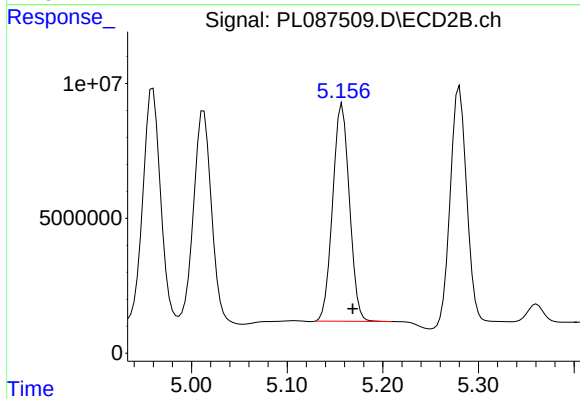
#11 alpha-Chlordane

R.T.: 4.960 min
Delta R.T.: -0.010 min
Response: 113160200
Conc: 49.03 ng/ml



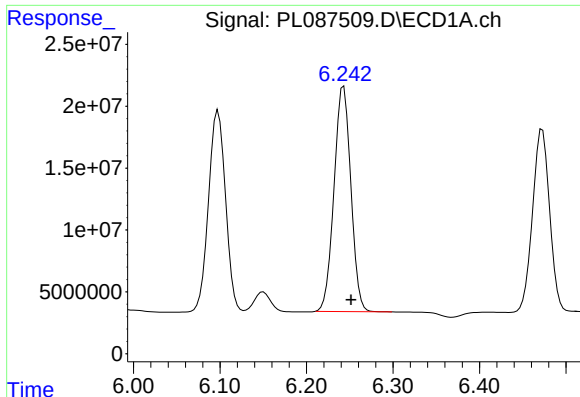
#12 4,4'-DDE

R.T.: 6.098 min
Delta R.T.: -0.008 min
Response: 220864454
Conc: 53.30 ng/ml



#12 4,4'-DDE

R.T.: 5.158 min
Delta R.T.: -0.011 min
Response: 97959357
Conc: 49.34 ng/ml



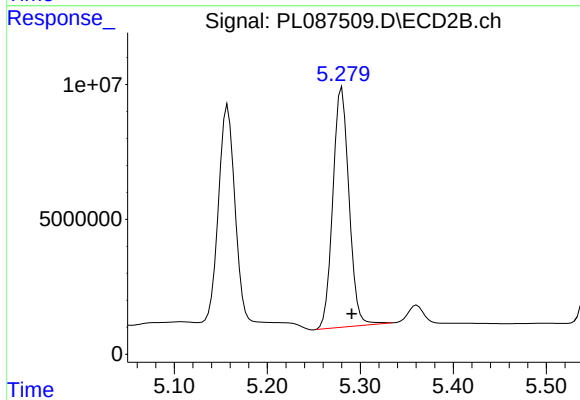
#13 Dieldrin

R.T.: 6.243 min
Delta R.T.: -0.008 min
Response: 245043273
Conc: 52.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

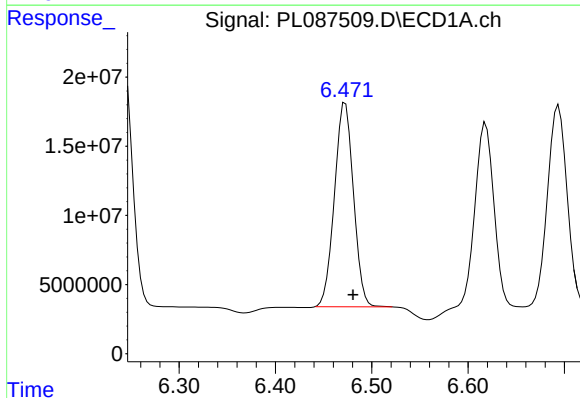
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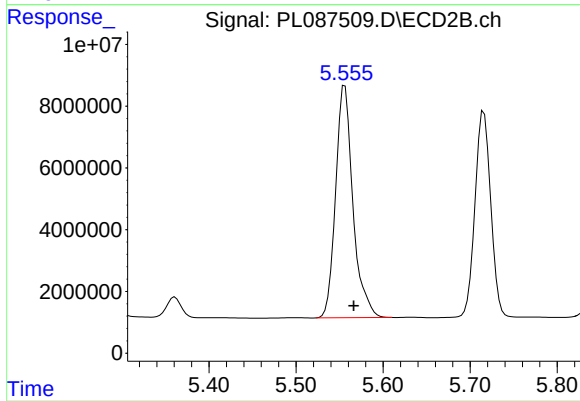
#13 Dieldrin

R.T.: 5.280 min
Delta R.T.: -0.011 min
Response: 107320219
Conc: 48.17 ng/ml



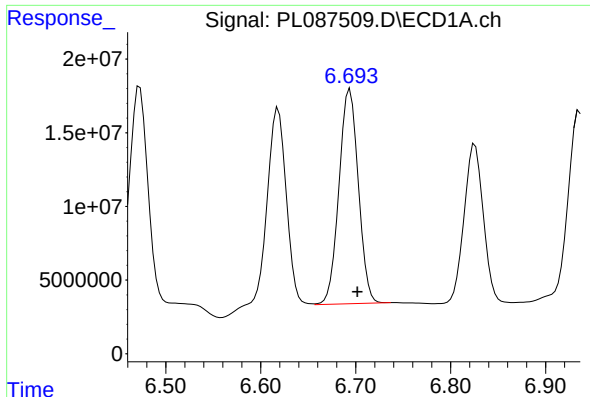
#14 Endrin

R.T.: 6.473 min
Delta R.T.: -0.008 min
Response: 202628109
Conc: 52.67 ng/ml



#14 Endrin

R.T.: 5.556 min
Delta R.T.: -0.010 min
Response: 104084652
Conc: 52.16 ng/ml



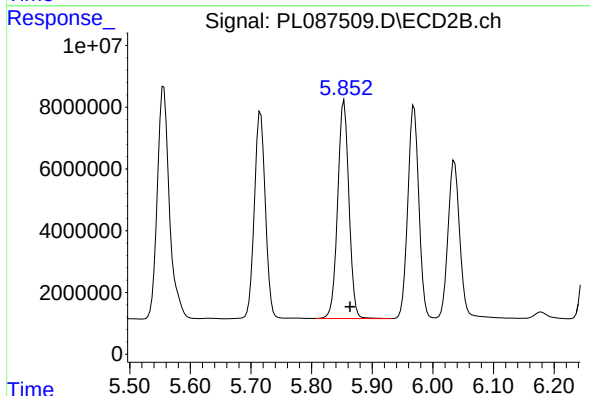
#15 Endosulfan II

R.T.: 6.694 min
Delta R.T.: -0.008 min
Response: 206602647
Conc: 51.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

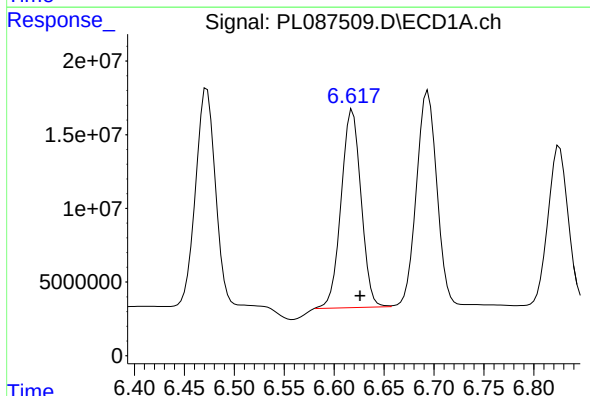
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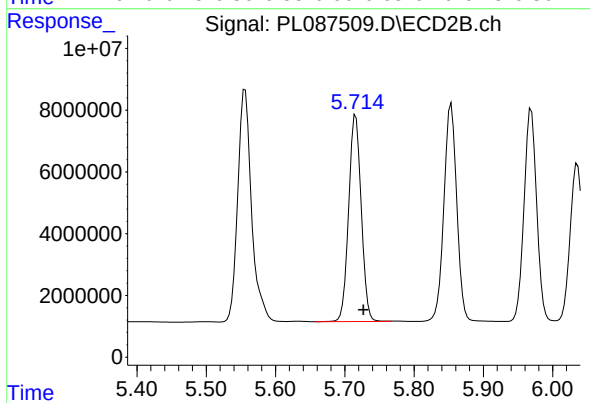
#15 Endosulfan II

R.T.: 5.854 min
Delta R.T.: -0.010 min
Response: 91044252
Conc: 46.76 ng/ml



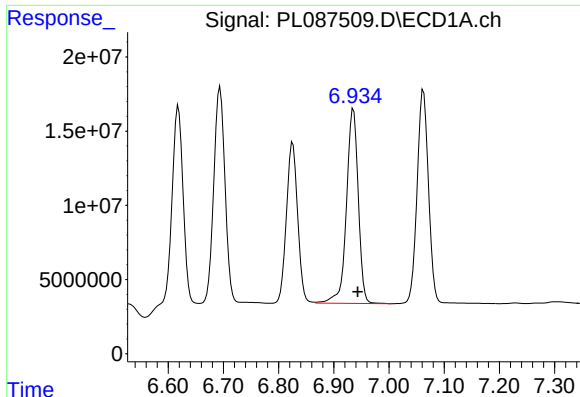
#16 4,4'-DDD

R.T.: 6.618 min
Delta R.T.: -0.008 min
Response: 186509030
Conc: 56.43 ng/ml



#16 4,4'-DDD

R.T.: 5.716 min
Delta R.T.: -0.011 min
Response: 84473509
Conc: 51.02 ng/ml



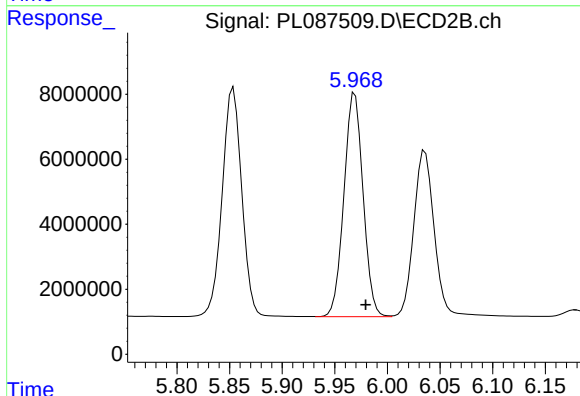
#17 4,4'-DDT

R.T.: 6.936 min
Delta R.T.: -0.008 min
Response: 195181554
Conc: 51.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

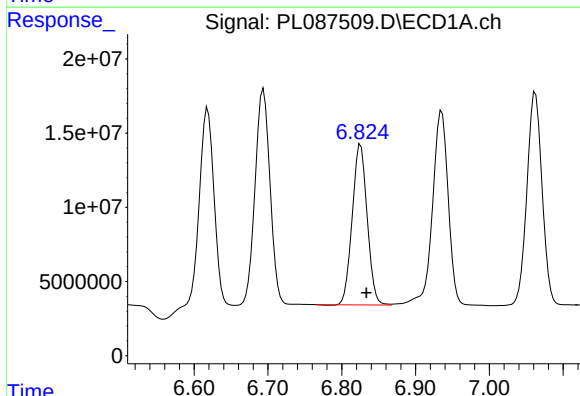
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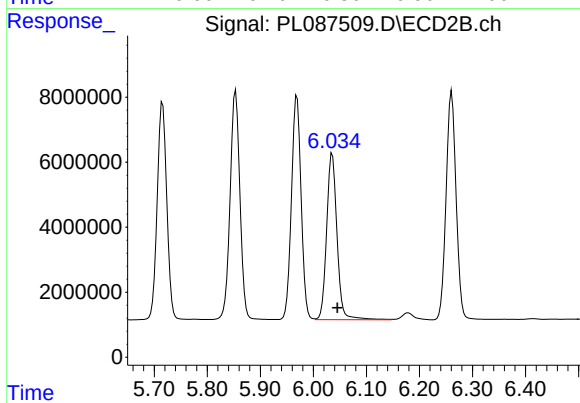
#17 4,4'-DDT

R.T.: 5.969 min
Delta R.T.: -0.010 min
Response: 87397551
Conc: 47.39 ng/ml



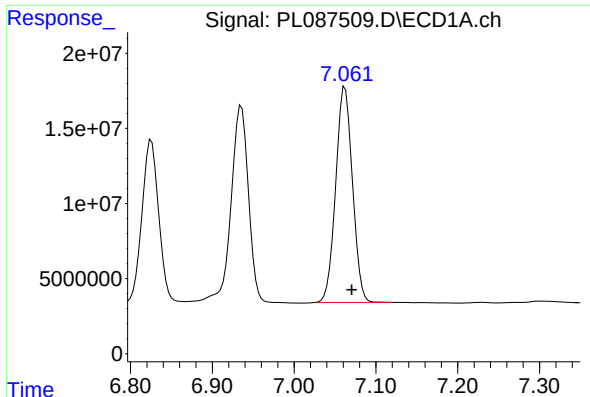
#18 Endrin aldehyde

R.T.: 6.826 min
Delta R.T.: -0.008 min
Response: 152316479
Conc: 52.55 ng/ml



#18 Endrin aldehyde

R.T.: 6.036 min
Delta R.T.: -0.010 min
Response: 69851482
Conc: 47.60 ng/ml



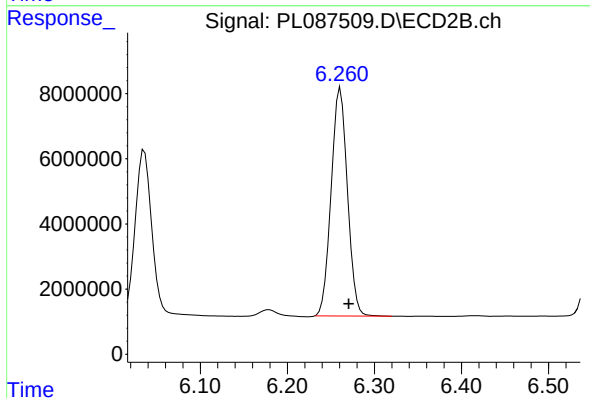
#19 Endosulfan Sulfate

R.T.: 7.062 min
Delta R.T.: -0.008 min
Response: 204249152
Conc: 52.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

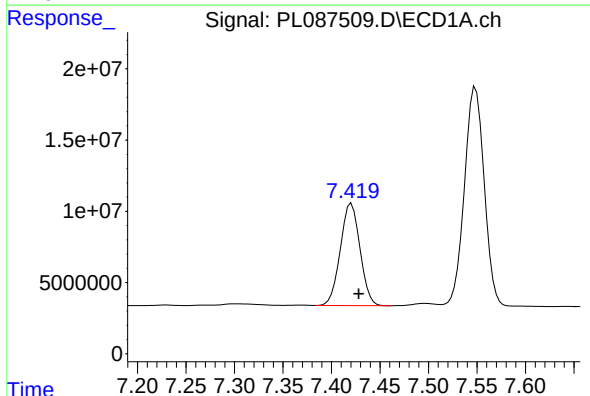
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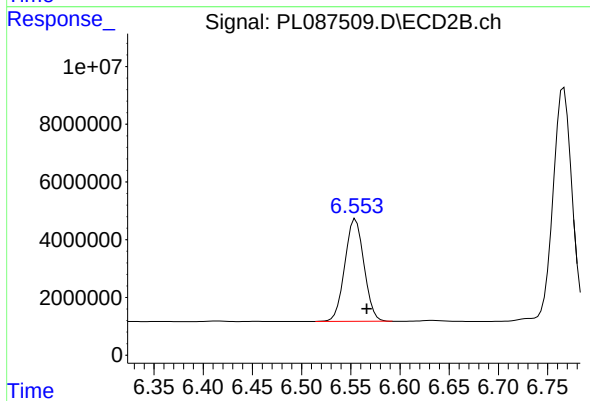
#19 Endosulfan Sulfate

R.T.: 6.261 min
Delta R.T.: -0.010 min
Response: 91101072
Conc: 48.36 ng/ml



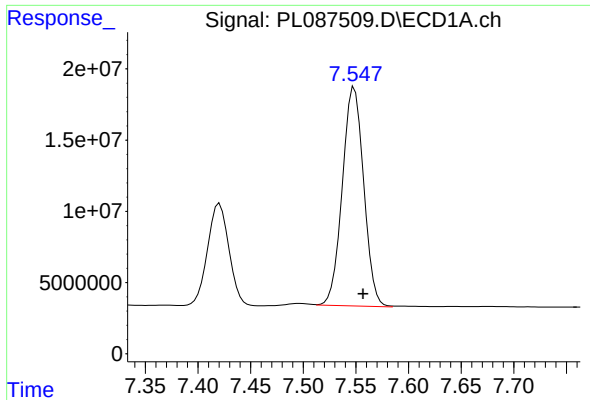
#20 Methoxychlor

R.T.: 7.421 min
Delta R.T.: -0.008 min
Response: 101129156
Conc: 51.86 ng/ml



#20 Methoxychlor

R.T.: 6.553 min
Delta R.T.: -0.013 min
Response: 48032901
Conc: 47.03 ng/ml m



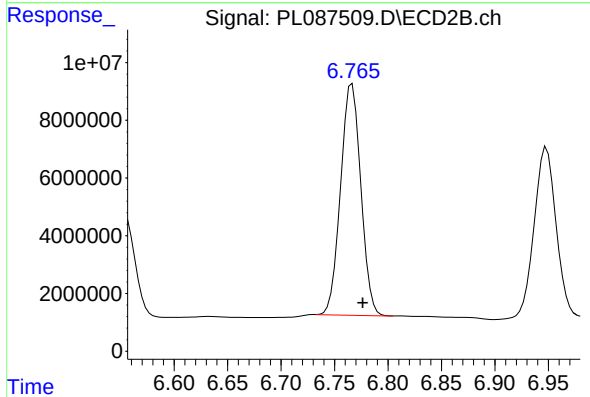
#21 Endrin ketone

R.T.: 7.547 min
Delta R.T.: -0.010 min
Response: 217791251
Conc: 53.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

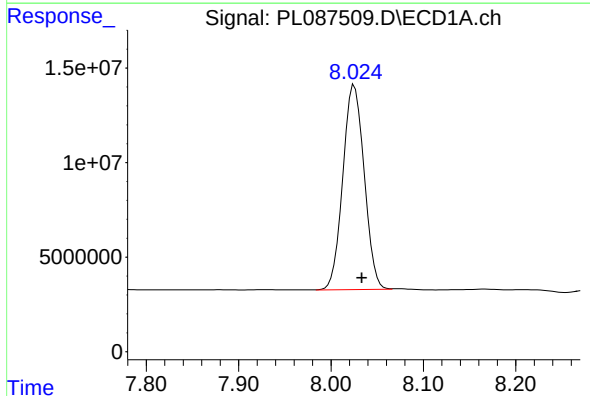
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Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



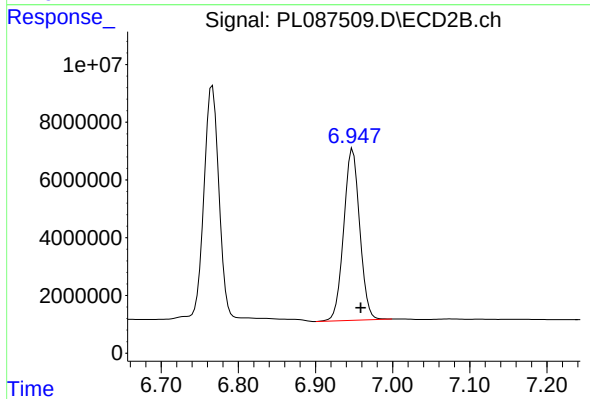
#21 Endrin ketone

R.T.: 6.765 min
Delta R.T.: -0.011 min
Response: 105941185
Conc: 49.77 ng/ml m



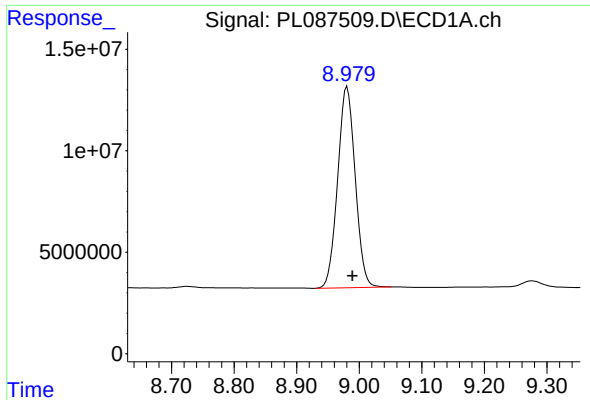
#22 Mirex

R.T.: 8.024 min
Delta R.T.: -0.010 min
Response: 174011394
Conc: 51.67 ng/ml m



#22 Mirex

R.T.: 6.948 min
Delta R.T.: -0.010 min
Response: 85338105
Conc: 47.97 ng/ml



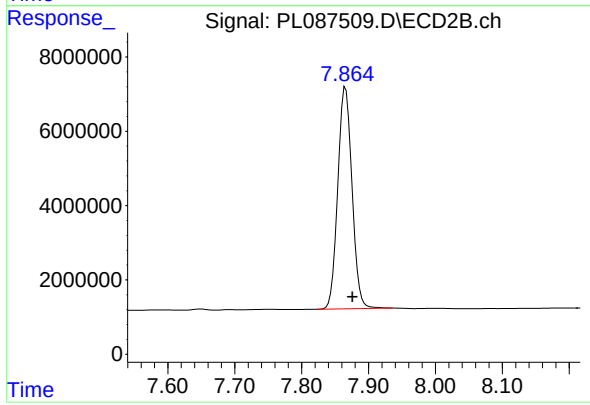
#28 Decachlorobiphenyl

R.T.: 8.981 min
Delta R.T.: -0.009 min
Response: 193252364
Conc: 56.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.864 min
Delta R.T.: -0.011 min
Response: 88292733
Conc: 52.28 ng/ml m