

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022124\
 Data File : PL088194.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Feb 2024 21:53
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/22/2024
 Supervised By :Ankita Jodhani 02/22/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 00:27:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 16 21:46:54 2024
 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...	3.635	2.853	140.1E6	70312818	51.013	50.133m
28)	SA Decachlor...	9.299	8.082	100.1E6	60773428	51.960	47.730
Target Compounds							
2)	A alpha-BHC	4.100	3.369	214.5E6	108.5E6	51.393	52.806
3)	MA gamma-BHC...	4.438	3.705	204.4E6	103.4E6	50.485	51.626
4)	MA Heptachlor	5.037	4.053	190.6E6	93334395	49.531	51.233
5)	MB Aldrin	5.384	4.339	195.2E6	99416324	51.109	51.260
6)	B beta-BHC	4.635	4.006	89295181	44952656	51.271	50.504
7)	B delta-BHC	4.887	4.242	209.2E6	105.2E6	54.977	52.749
8)	B Heptachlo...	5.816	4.849	174.1E6	89823265	49.695	51.778
9)	A Endosulfan I	6.207	5.225	155.0E6	81848905	49.509	50.867
10)	B gamma-Chl...	6.075	5.104	170.5E6	91451942	50.160	51.268
11)	B alpha-Chl...	6.155	5.169	169.8E6	90684243	49.754	50.905
12)	B 4,4'-DDE	6.329	5.362	150.4E6	81612102	49.583	51.347
13)	MA Dieldrin	6.485	5.494	164.7E6	87989523	50.098	50.998
14)	MA Endrin	6.718	5.773	126.2E6	72682060	48.524	48.612
15)	B Endosulfa...	6.938	6.070	139.4E6	75574493	48.687	49.609
16)	A 4,4'-DDD	6.852	5.923	125.6E6	71065467	48.421	52.016
17)	MA 4,4'-DDT	7.171	6.178	109.6E6	60607269	41.677	44.393
18)	B Endrin al...	7.069	6.253	102.2E6	55751750	49.427	51.047
19)	B Endosulfa...	7.306	6.478	132.1E6	72055744	50.691	51.306
20)	A Methoxychlor	7.651	6.762	58199169	34474477	43.967	43.986
21)	B Endrin ke...	7.797	6.990	141.0E6	83378544	50.321	49.802
22)	Mirex	8.279	7.176	107.3E6	65646687	46.301	50.108m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022124\
Data File : PL088194.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2024 21:53
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

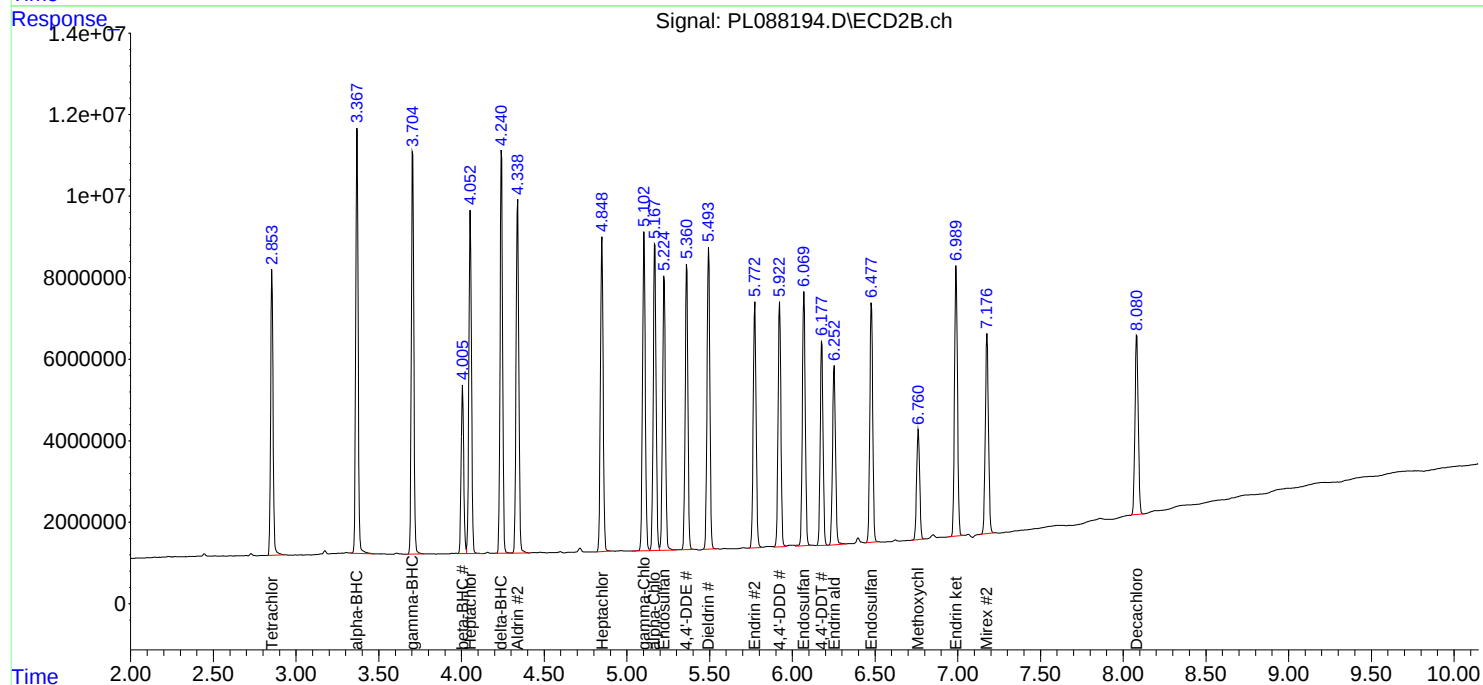
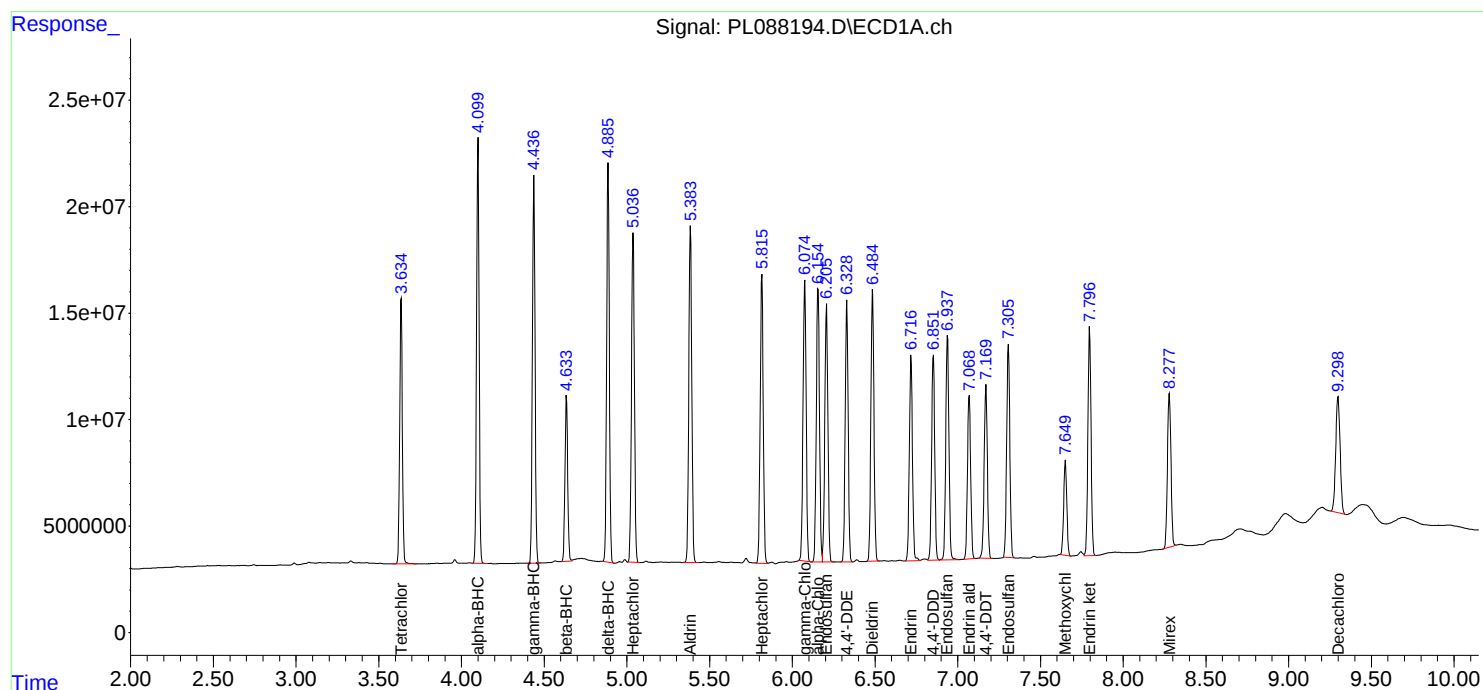
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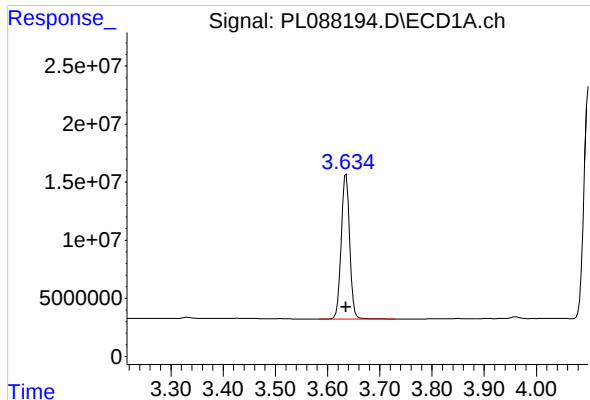
Reviewed By :Abdul Mirza 02/22/2024

Supervised By :Ankita Jodhani 02/22/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:27:11 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
Quant Title : GC Extractables
QLast Update : Fri Feb 16 21:46:54 2024
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





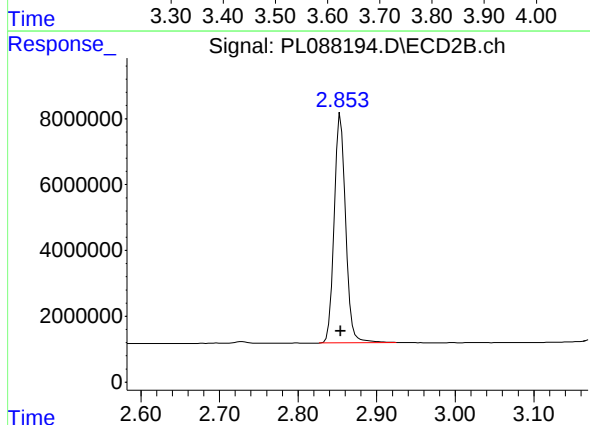
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 140117445
Conc: 51.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

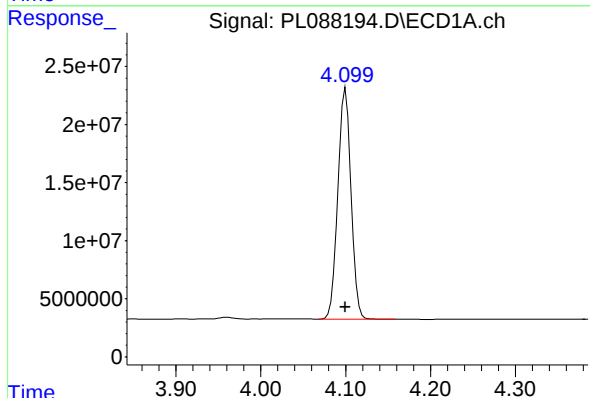
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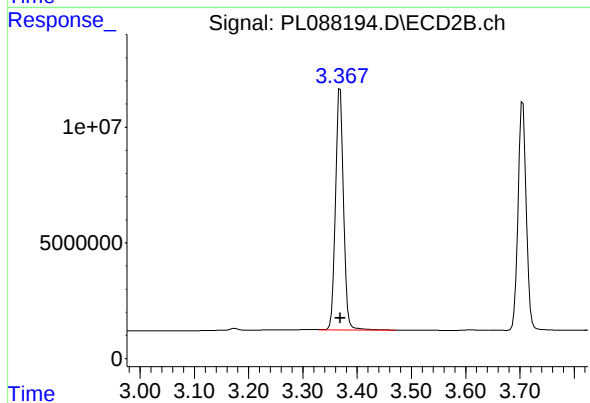
#1 Tetrachloro-m-xylene

R.T.: 2.853 min
Delta R.T.: -0.001 min
Response: 70312818
Conc: 50.13 ng/ml



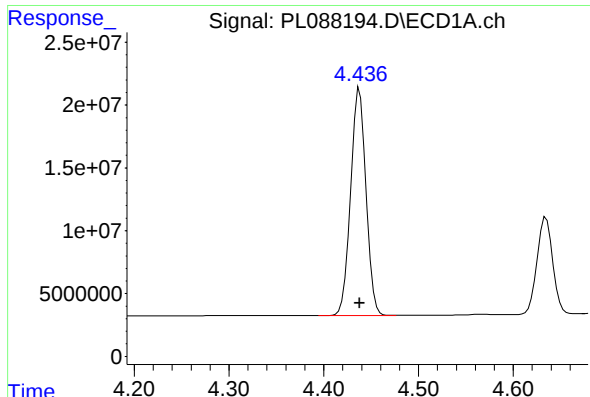
#2 alpha-BHC

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 214526833
Conc: 51.39 ng/ml



#2 alpha-BHC

R.T.: 3.369 min
Delta R.T.: 0.000 min
Response: 108507193
Conc: 52.81 ng/ml



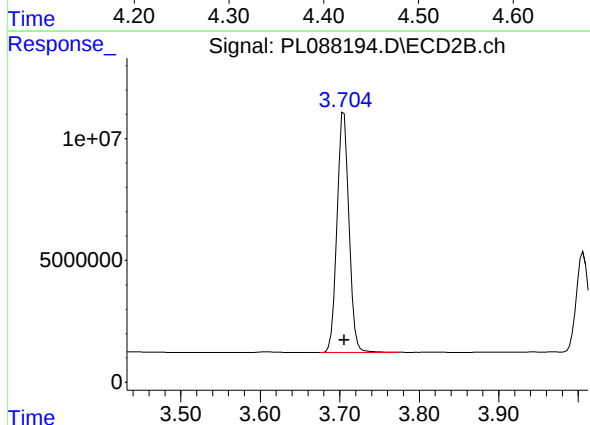
#3 gamma-BHC (Lindane)

R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 204440789
Conc: 50.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

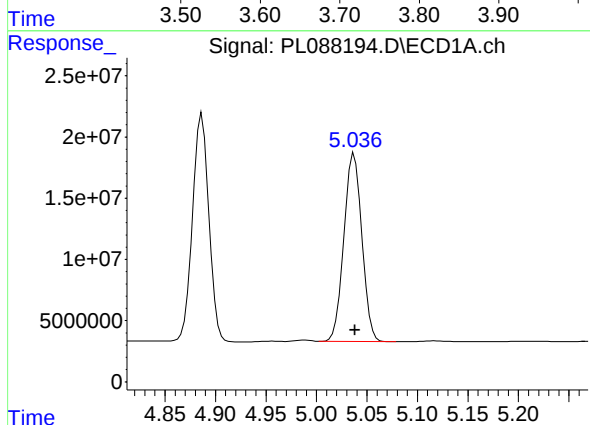
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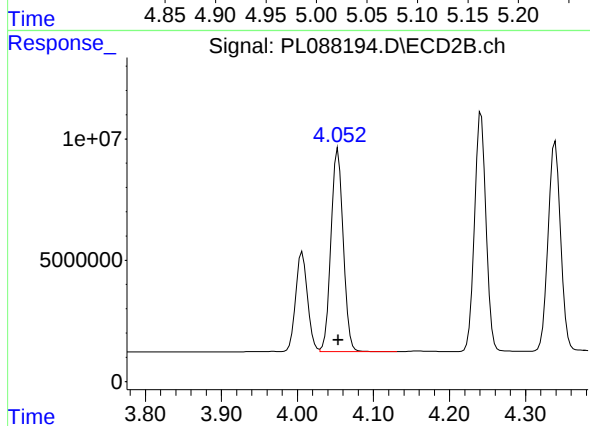
#3 gamma-BHC (Lindane)

R.T.: 3.705 min
Delta R.T.: 0.000 min
Response: 103383495
Conc: 51.63 ng/ml



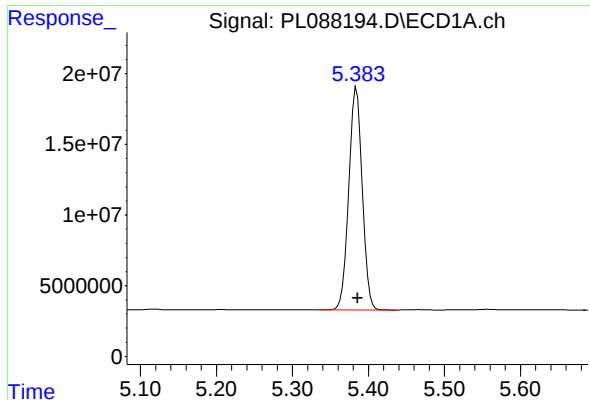
#4 Heptachlor

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 190607818
Conc: 49.53 ng/ml



#4 Heptachlor

R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 93334395
Conc: 51.23 ng/ml



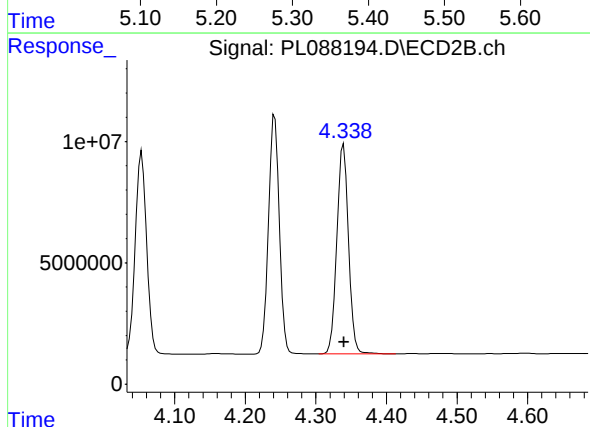
#5 Aldrin

R.T.: 5.384 min
Delta R.T.: -0.002 min
Response: 195152054
Conc: 51.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

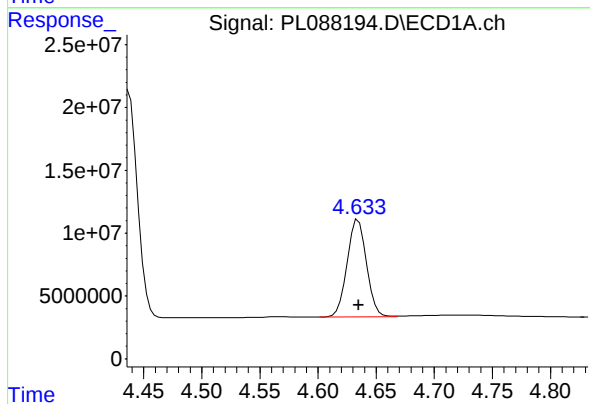
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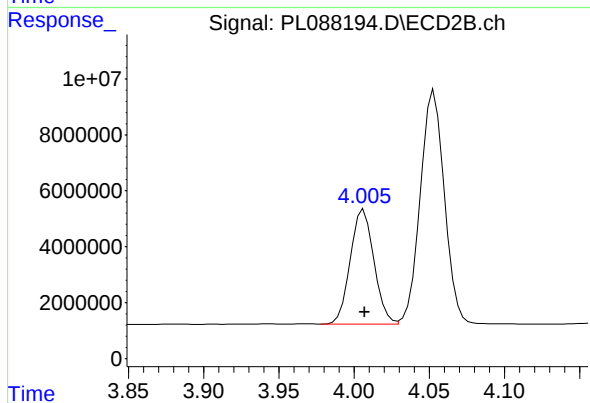
#5 Aldrin

R.T.: 4.339 min
Delta R.T.: 0.000 min
Response: 99416324
Conc: 51.26 ng/ml



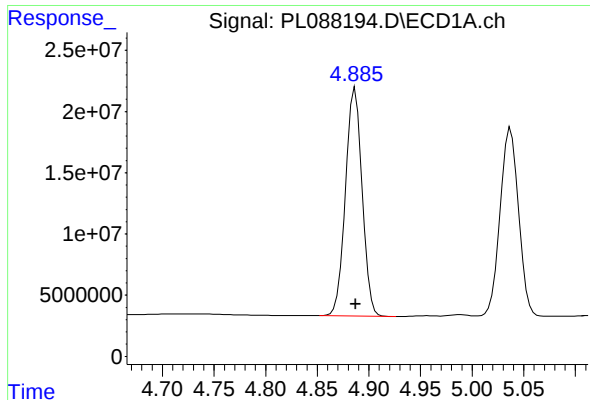
#6 beta-BHC

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 89295181
Conc: 51.27 ng/ml



#6 beta-BHC

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 44952656
Conc: 50.50 ng/ml



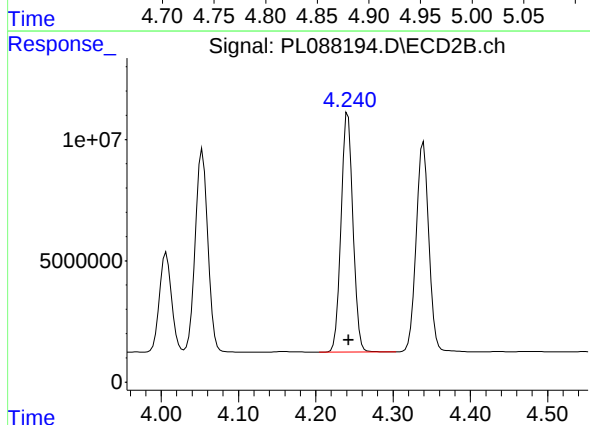
#7 delta-BHC

R.T.: 4.887 min
Delta R.T.: 0.000 min
Response: 209172870
Conc: 54.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

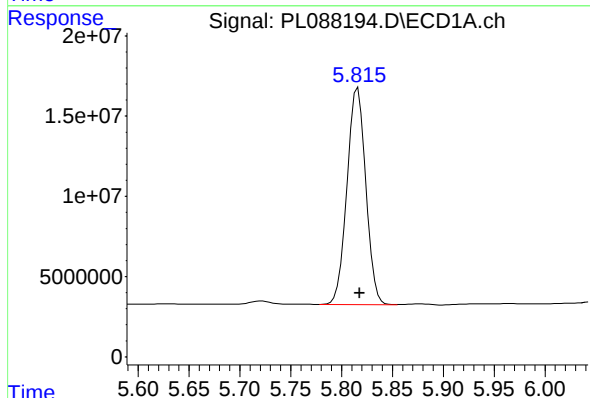
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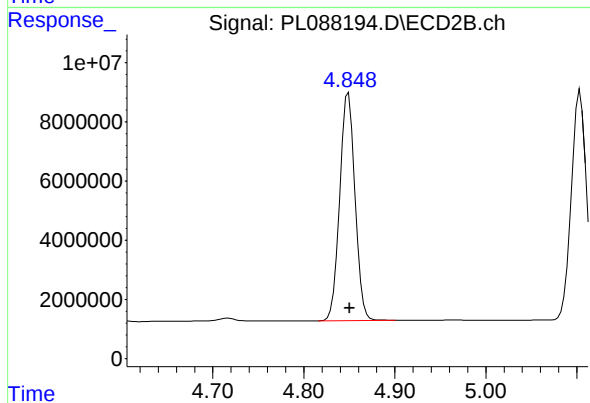
#7 delta-BHC

R.T.: 4.242 min
Delta R.T.: 0.000 min
Response: 105223295
Conc: 52.75 ng/ml



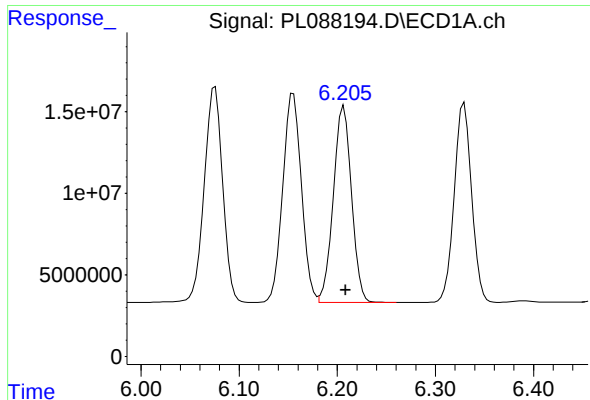
#8 Heptachlor epoxide

R.T.: 5.816 min
Delta R.T.: -0.002 min
Response: 174114646
Conc: 49.70 ng/ml



#8 Heptachlor epoxide

R.T.: 4.849 min
Delta R.T.: -0.002 min
Response: 89823265
Conc: 51.78 ng/ml



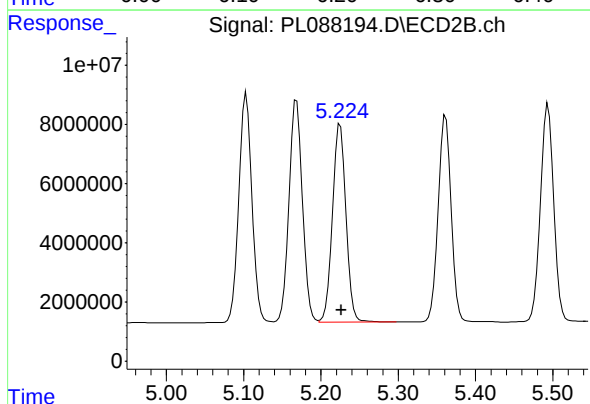
#9 Endosulfan I

R.T.: 6.207 min
Delta R.T.: -0.002 min
Response: 154957643
Conc: 49.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

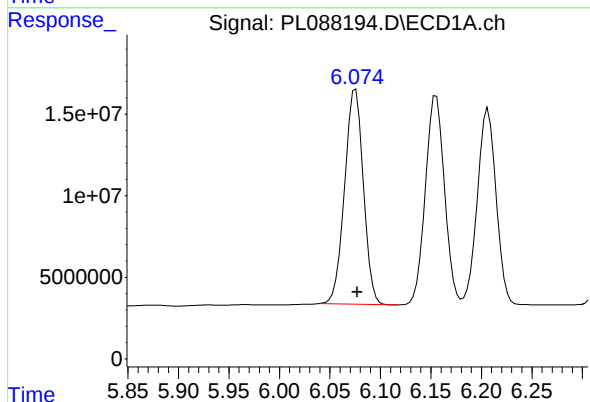
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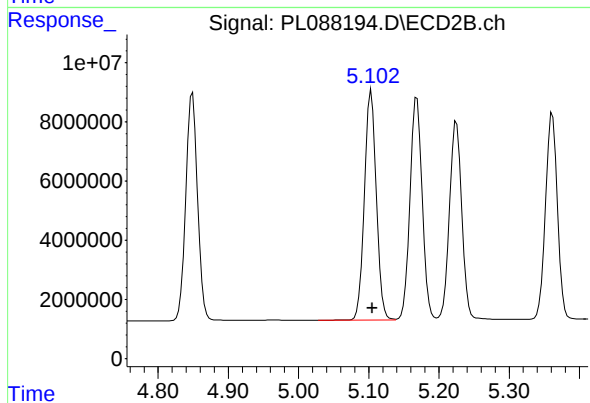
#9 Endosulfan I

R.T.: 5.225 min
Delta R.T.: -0.002 min
Response: 81848905
Conc: 50.87 ng/ml



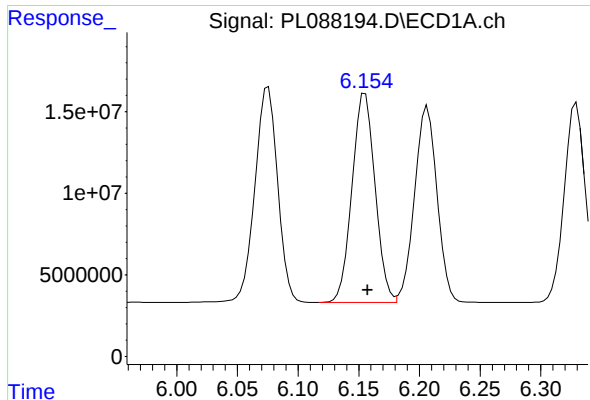
#10 gamma-Chlordane

R.T.: 6.075 min
Delta R.T.: -0.001 min
Response: 170459733
Conc: 50.16 ng/ml



#10 gamma-Chlordane

R.T.: 5.104 min
Delta R.T.: -0.002 min
Response: 91451942
Conc: 51.27 ng/ml



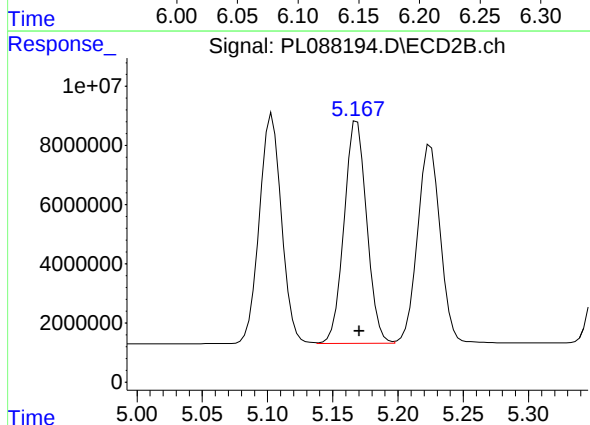
#11 alpha-Chlordane

R.T.: 6.155 min
Delta R.T.: -0.002 min
Response: 169799060
Conc: 49.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

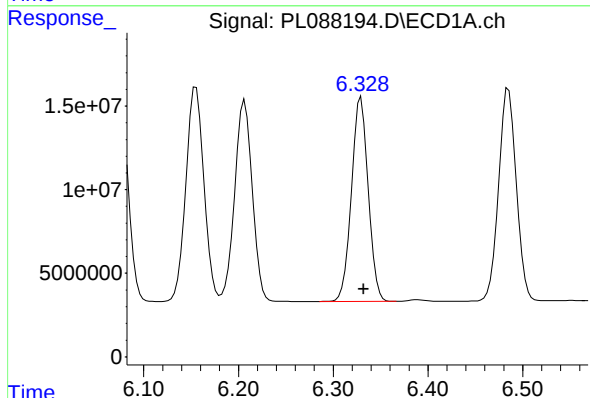
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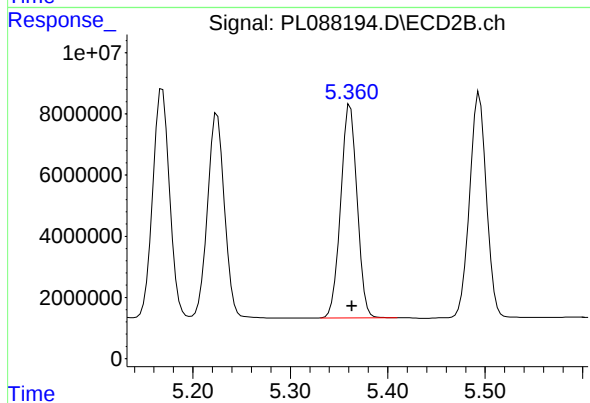
#11 alpha-Chlordane

R.T.: 5.169 min
Delta R.T.: -0.002 min
Response: 90684243
Conc: 50.90 ng/ml



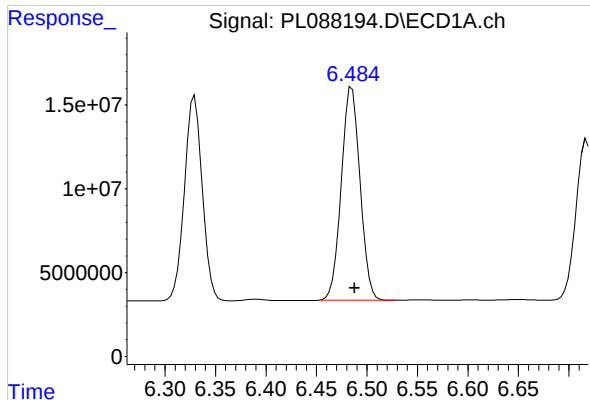
#12 4,4'-DDE

R.T.: 6.329 min
Delta R.T.: -0.003 min
Response: 150378577
Conc: 49.58 ng/ml



#12 4,4'-DDE

R.T.: 5.362 min
Delta R.T.: -0.002 min
Response: 81612102
Conc: 51.35 ng/ml



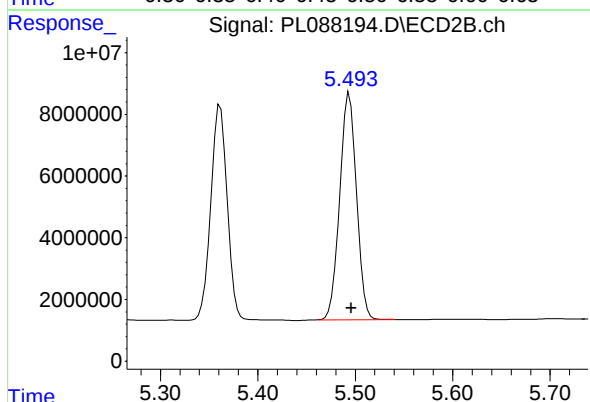
#13 Dieldrin

R.T.: 6.485 min
Delta R.T.: -0.003 min
Response: 164729494
Conc: 50.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

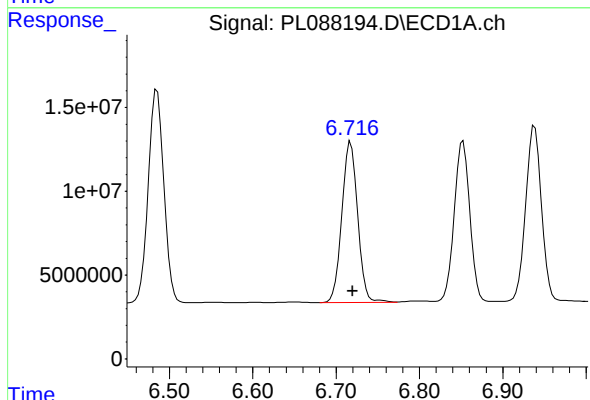
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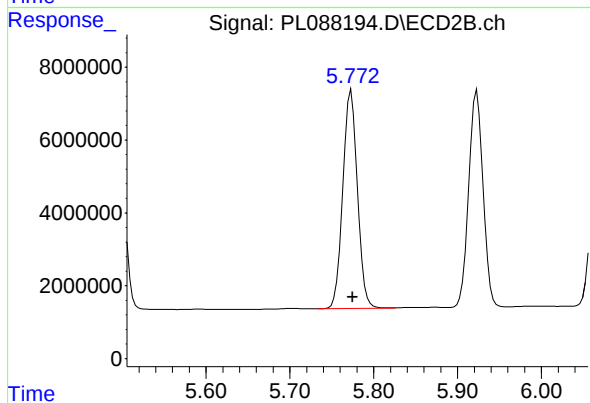
#13 Dieldrin

R.T.: 5.494 min
Delta R.T.: -0.002 min
Response: 87989523
Conc: 51.00 ng/ml



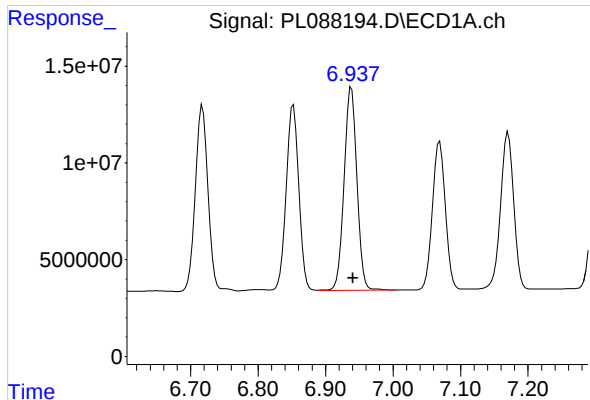
#14 Endrin

R.T.: 6.718 min
Delta R.T.: -0.002 min
Response: 126192921
Conc: 48.52 ng/ml



#14 Endrin

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 72682060
Conc: 48.61 ng/ml



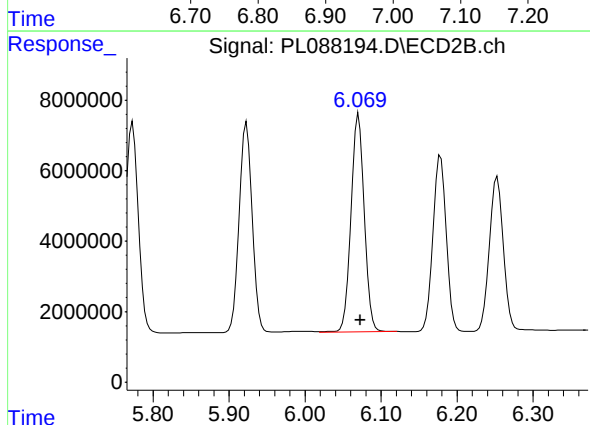
#15 Endosulfan II

R.T.: 6.938 min
Delta R.T.: -0.002 min
Response: 139435746
Conc: 48.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

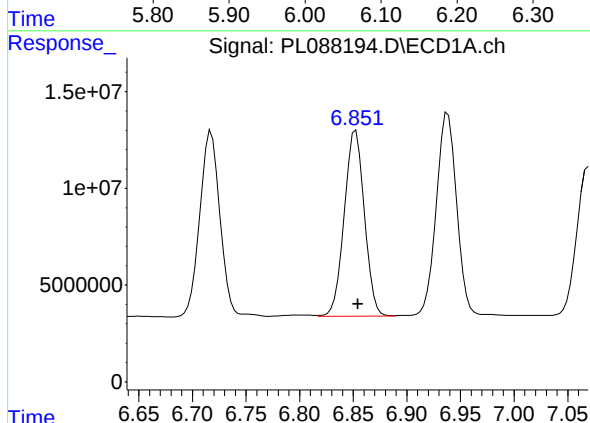
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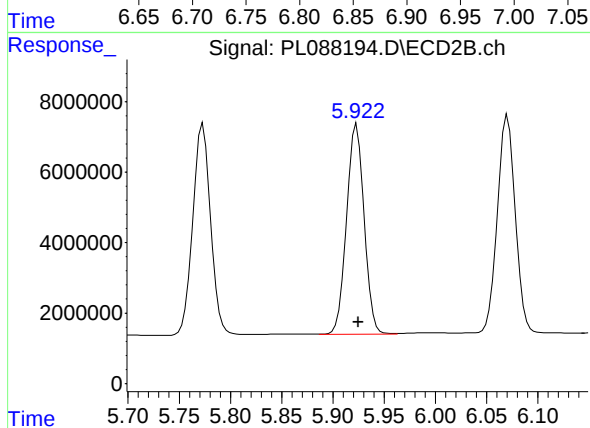
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.002 min
Response: 75574493
Conc: 49.61 ng/ml



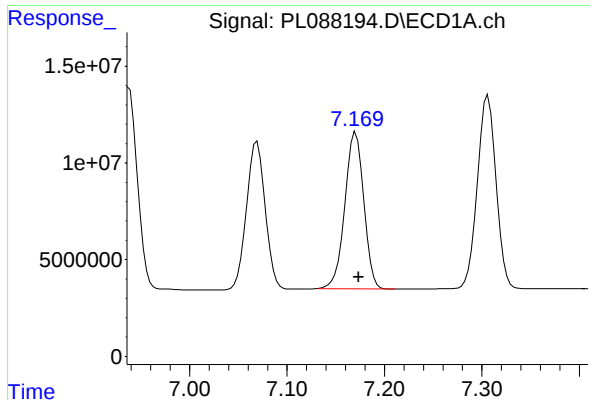
#16 4,4'-DDD

R.T.: 6.852 min
Delta R.T.: -0.002 min
Response: 125590152
Conc: 48.42 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 71065467
Conc: 52.02 ng/ml



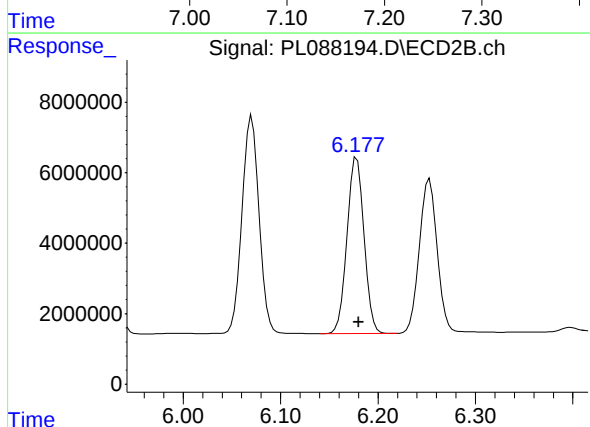
#17 4,4'-DDT

R.T.: 7.171 min
Delta R.T.: -0.003 min
Response: 109577500
Conc: 41.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

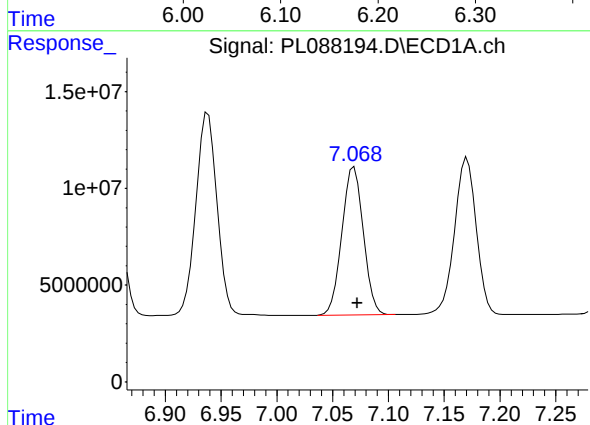
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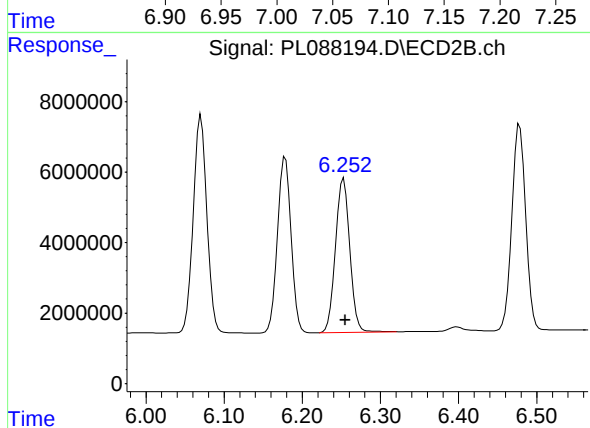
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: -0.002 min
Response: 60607269
Conc: 44.39 ng/ml



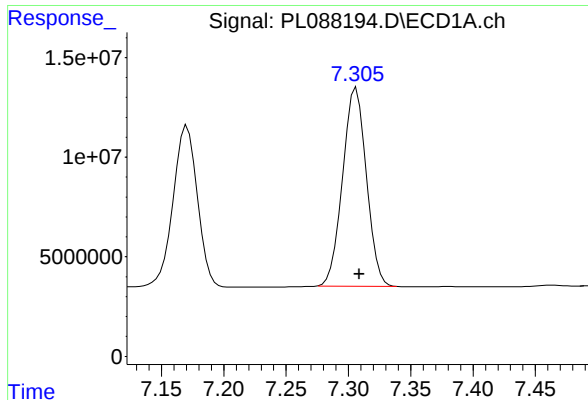
#18 Endrin aldehyde

R.T.: 7.069 min
Delta R.T.: -0.003 min
Response: 102199298
Conc: 49.43 ng/ml



#18 Endrin aldehyde

R.T.: 6.253 min
Delta R.T.: -0.002 min
Response: 55751750
Conc: 51.05 ng/ml



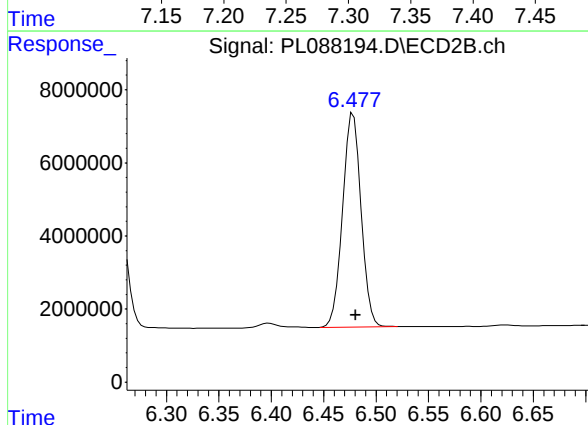
#19 Endosulfan Sulfate

R.T.: 7.306 min
Delta R.T.: -0.002 min
Response: 132057126
Conc: 50.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

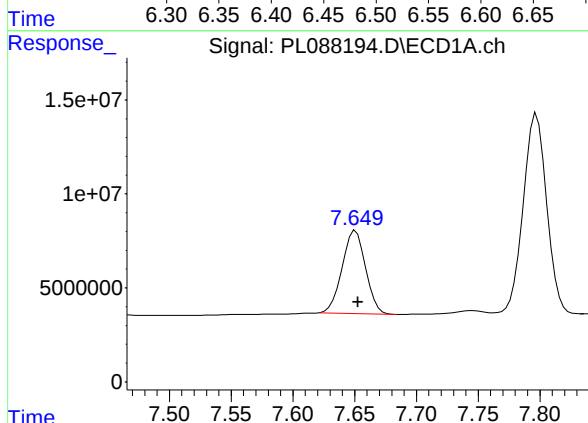
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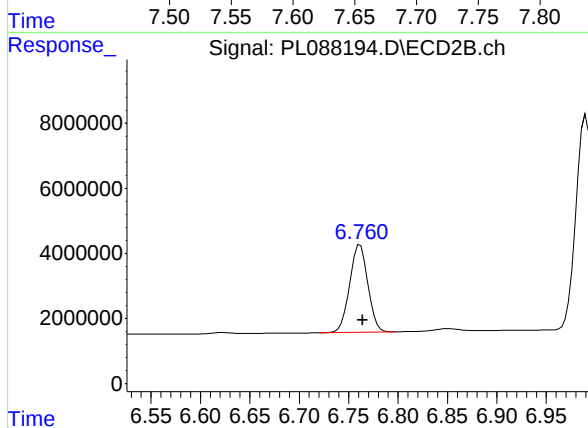
#19 Endosulfan Sulfate

R.T.: 6.478 min
Delta R.T.: -0.002 min
Response: 72055744
Conc: 51.31 ng/ml



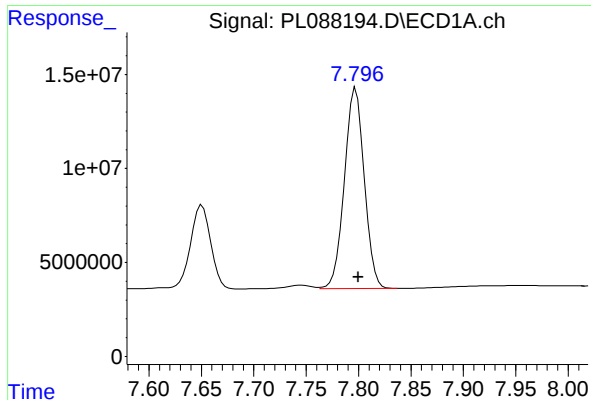
#20 Methoxychlor

R.T.: 7.651 min
Delta R.T.: -0.002 min
Response: 58199169
Conc: 43.97 ng/ml



#20 Methoxychlor

R.T.: 6.762 min
Delta R.T.: -0.003 min
Response: 34474477
Conc: 43.99 ng/ml



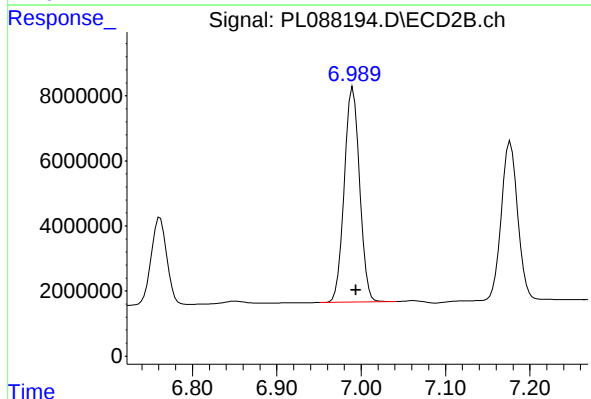
#21 Endrin ketone

R.T.: 7.797 min
Delta R.T.: -0.003 min
Response: 140957685
Conc: 50.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

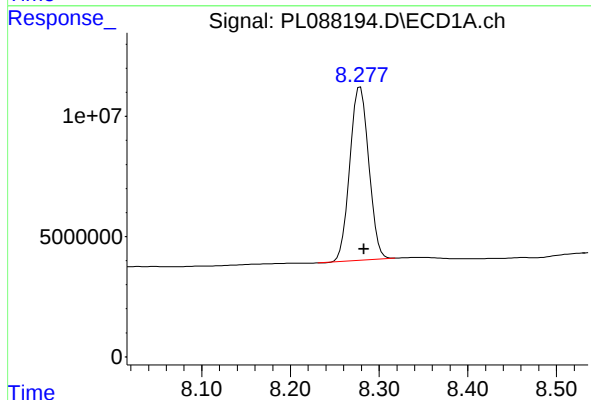
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/22/2024
Supervised By :Ankita Jodhani 02/22/2024



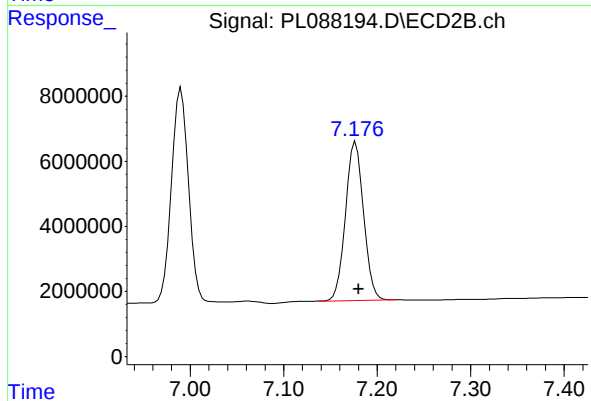
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.003 min
Response: 83378544
Conc: 49.80 ng/ml



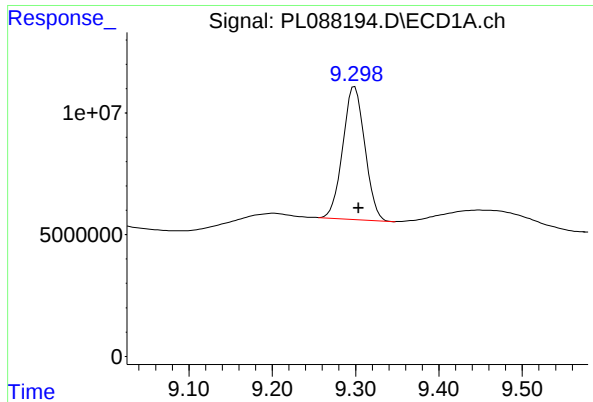
#22 Mirex

R.T.: 8.279 min
Delta R.T.: -0.004 min
Response: 107287951
Conc: 46.30 ng/ml



#22 Mirex

R.T.: 7.176 min
Delta R.T.: -0.005 min
Response: 65646687
Conc: 50.11 ng/ml m



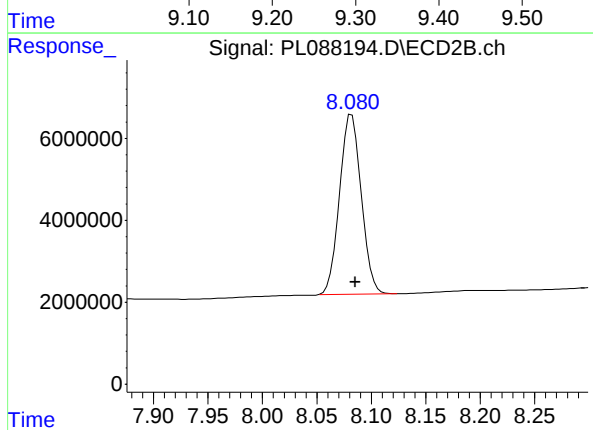
#28 Decachlorobiphenyl

R.T.: 9.299 min
Delta R.T.: -0.005 min
Response: 100071089
Conc: 51.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.082 min
Delta R.T.: -0.003 min
Response: 60773428
Conc: 47.73 ng/ml