

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022025\
 Data File : PL094309.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Feb 2025 16:21
 Operator : AR\AJ
 Sample : PB166775BS (Sig #1); PBI66775BS (Sig #2)
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166775BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/21/2025
 Supervised By :Ankita Jodhani 02/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 21 01:39:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.538	2.773	53715146	64541691	19.948	19.773
28)	SA Decachlor...	9.055	7.908	48054692	85221513	22.972	24.321
Target Compounds							
2)	A alpha-BHC	3.995	3.275	185.1E6	249.8E6	48.287	51.100
3)	MA gamma-BHC...	4.327	3.605	177.1E6	238.0E6	48.076	50.192
4)	MA Heptachlor	4.915	3.943	169.3E6	245.2E6	51.647	52.687
5)	MB Aldrin	5.257	4.223	164.6E6	233.6E6	50.292	51.208
6)	B beta-BHC	4.526	3.905	79805026	103.4E6	49.651	51.749
7)	B delta-BHC	4.773	4.134	172.6E6	233.6E6	49.234	49.171
8)	B Heptachlo...	5.683	4.725	150.2E6	222.7E6	50.497	53.284
9)	A Endosulfan I	6.069	5.095	136.5E6	212.5E6	51.634	54.823
10)	B gamma-Chl...	5.940	4.975	146.7E6	235.0E6	52.623	55.446
11)	B alpha-Chl...	6.018	5.038	146.4E6	229.4E6	52.495	54.804
12)	B 4,4'-DDE	6.192	5.227	135.6E6	225.5E6	55.689	56.249
13)	MA Dieldrin	6.344	5.359	143.1E6	232.5E6	51.553	54.123
14)	MA Endrin	6.573	5.633	107.5E6	186.9E6	45.865m	50.617m
15)	B Endosulfa...	6.794	5.929	123.4E6	209.2E6	51.207	56.482
16)	A 4,4'-DDD	6.710	5.782	108.6E6	187.8E6	57.151	59.495
17)	MA 4,4'-DDT	7.023	6.032	105.5E6	181.8E6	53.505	55.861
18)	B Endrin al...	6.924	6.109	99767264	166.4E6	51.319	54.641
19)	B Endosulfa...	7.158	6.331	114.8E6	201.6E6	50.705	56.533
20)	A Methoxychlor	7.500	6.608	52804643	96508336	50.608	53.971
21)	B Endrin ke...	7.644	6.837	133.2E6	247.6E6	52.802	59.016
22)	Mirex	8.116	7.017	98152968	176.0E6	47.133	52.038

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022025\
Data File : PL094309.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Feb 2025 16:21
Operator : AR\AJ
Sample : PB166775BS (Sig #1); PBI66775BS (Sig #2)
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB166775BS

Manual Integrations

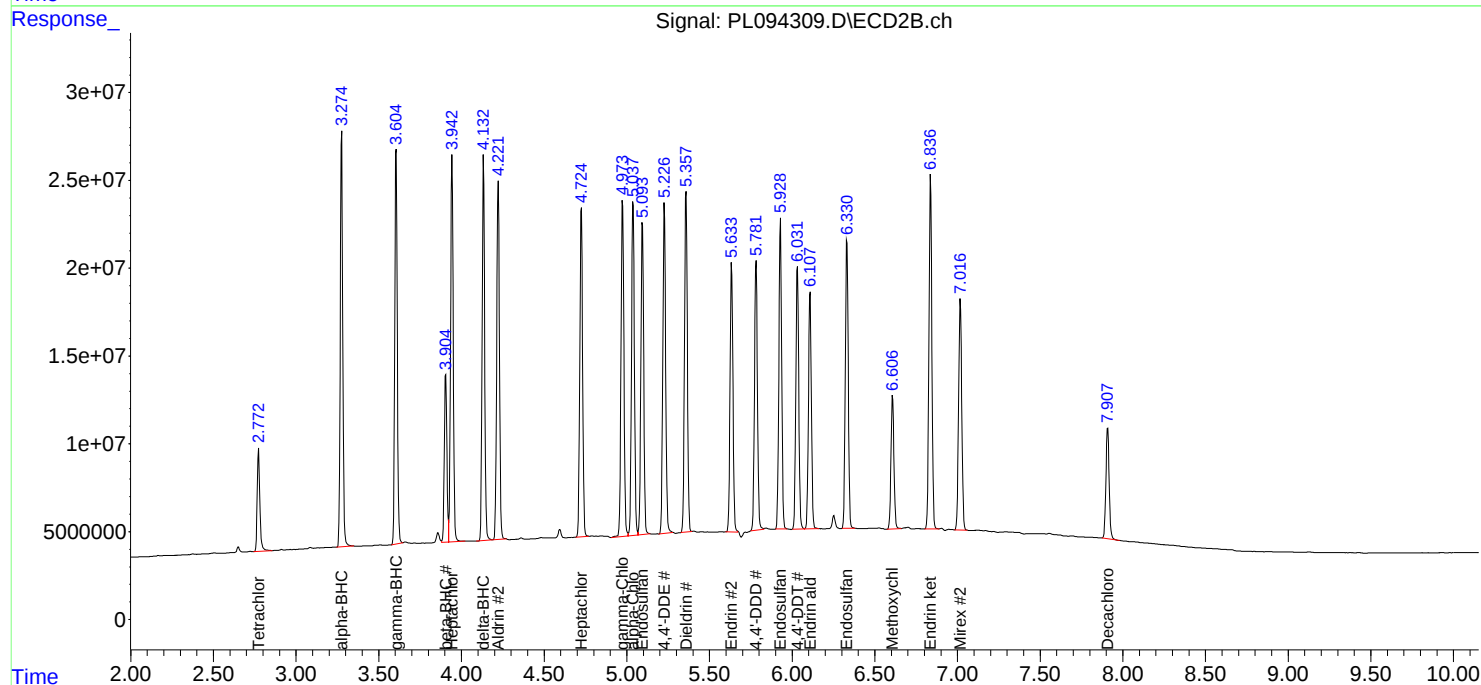
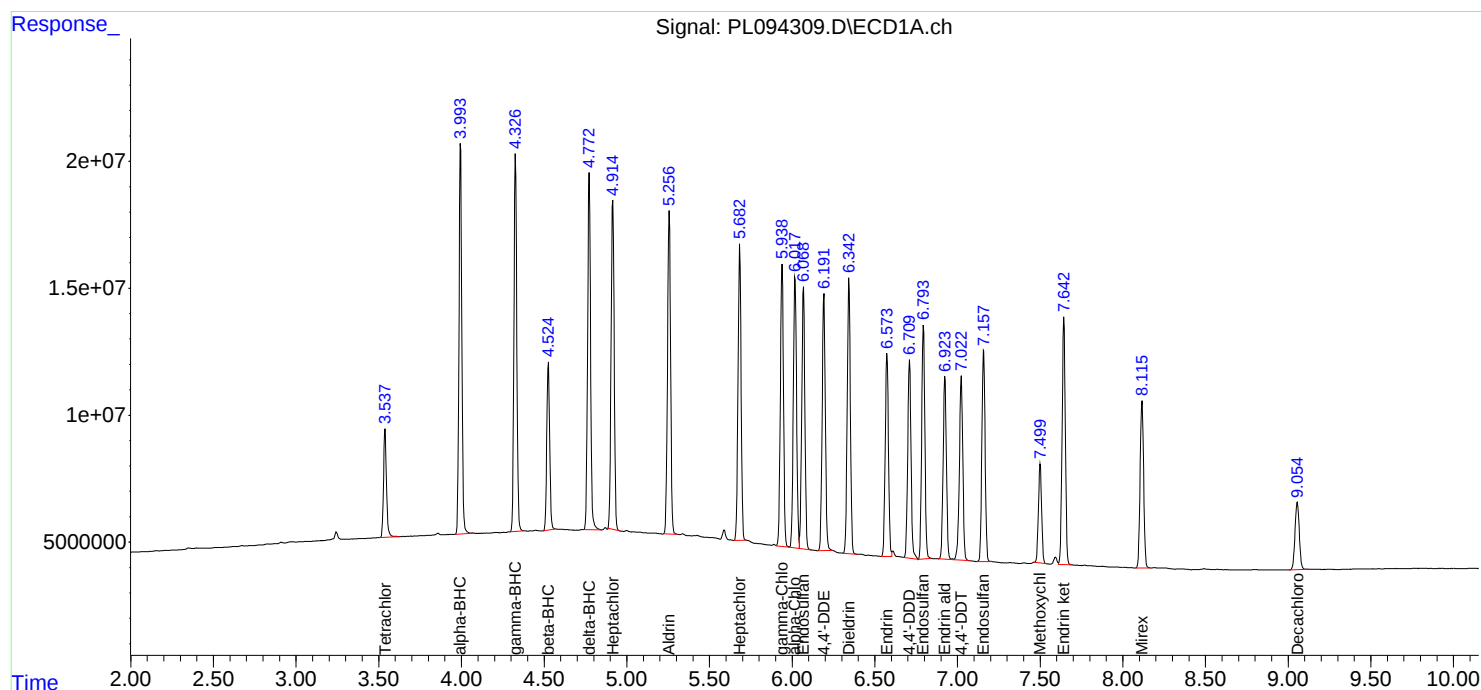
APPROVED

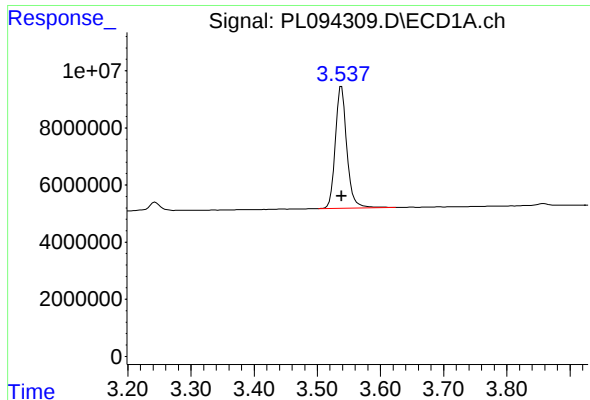
Reviewed By :Abdul Mirza 02/21/2025

Supervised By :Ankita Jodhani 02/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 21 01:39:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





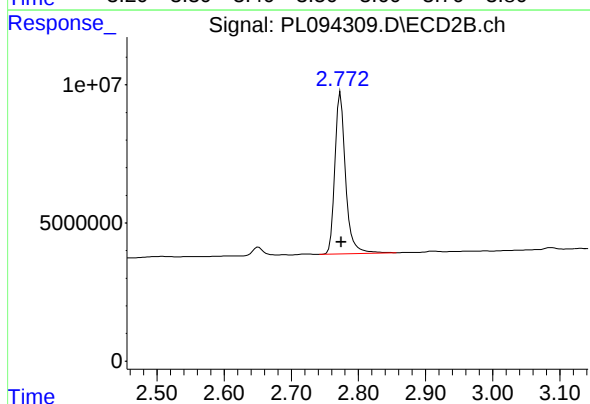
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 53715146
Conc: 19.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166775BS

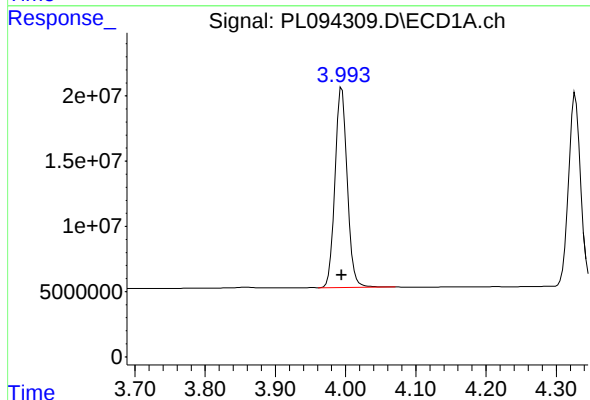
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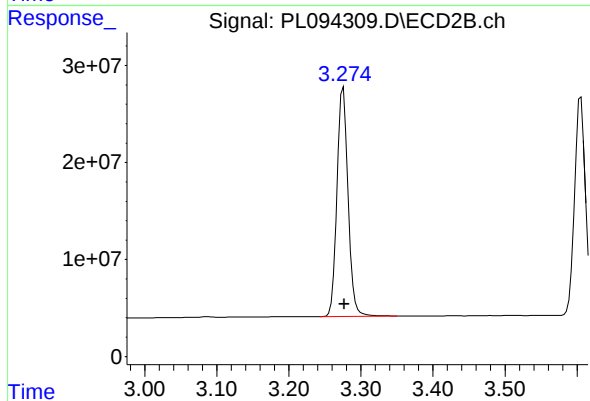
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: -0.001 min
Response: 64541691
Conc: 19.77 ng/ml



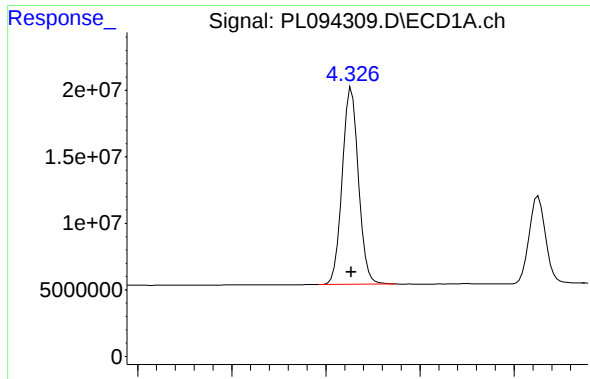
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 185125926
Conc: 48.29 ng/ml



#2 alpha-BHC

R.T.: 3.275 min
Delta R.T.: -0.001 min
Response: 249828392
Conc: 51.10 ng/ml



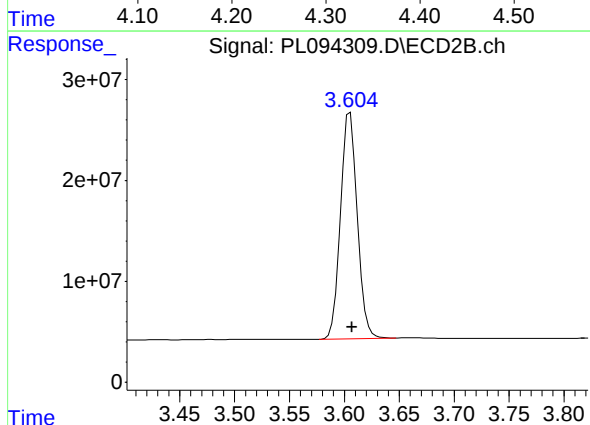
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 177058147
Conc: 48.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166775BS

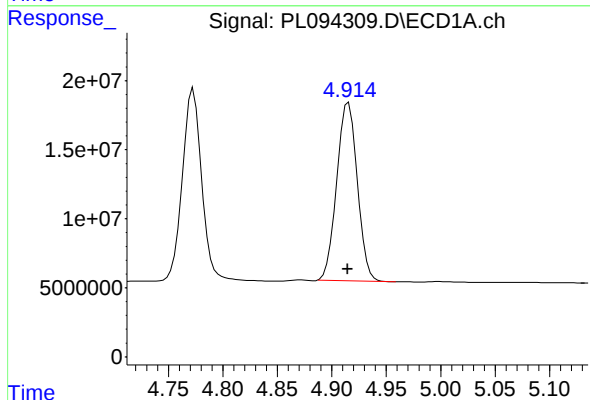
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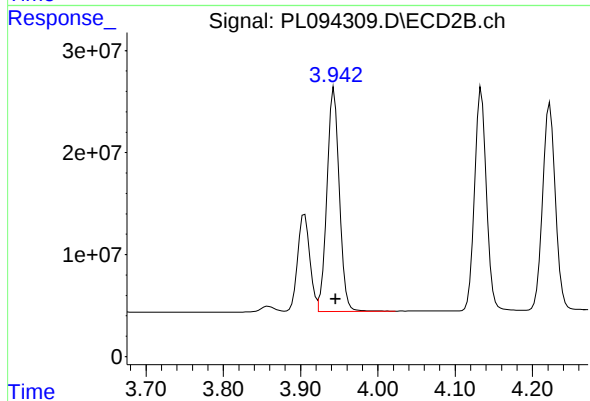
#3 gamma-BHC (Lindane)

R.T.: 3.605 min
Delta R.T.: -0.002 min
Response: 237969134
Conc: 50.19 ng/ml



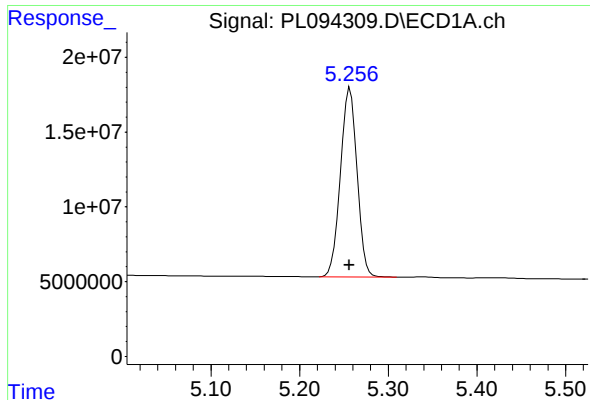
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 169264941
Conc: 51.65 ng/ml



#4 Heptachlor

R.T.: 3.943 min
Delta R.T.: -0.002 min
Response: 245247697
Conc: 52.69 ng/ml



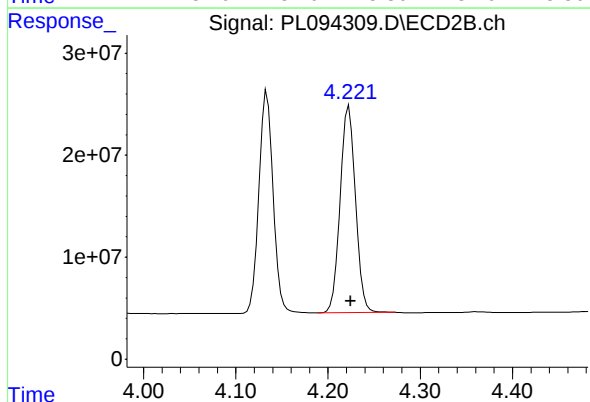
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: 0.001 min
Response: 164553767
Conc: 50.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166775BS

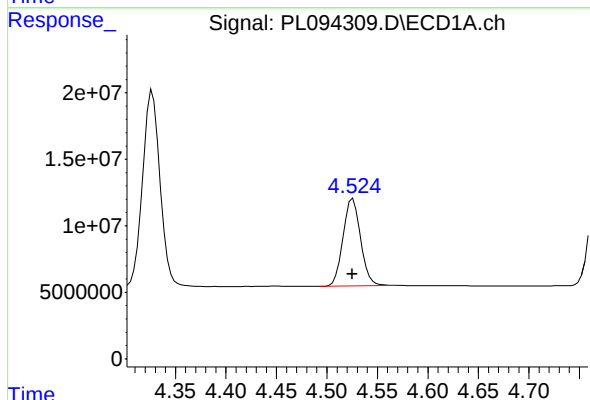
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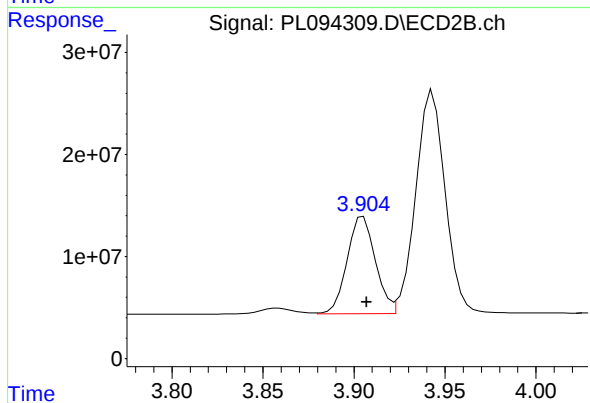
#5 Aldrin

R.T.: 4.223 min
Delta R.T.: -0.002 min
Response: 233601102
Conc: 51.21 ng/ml



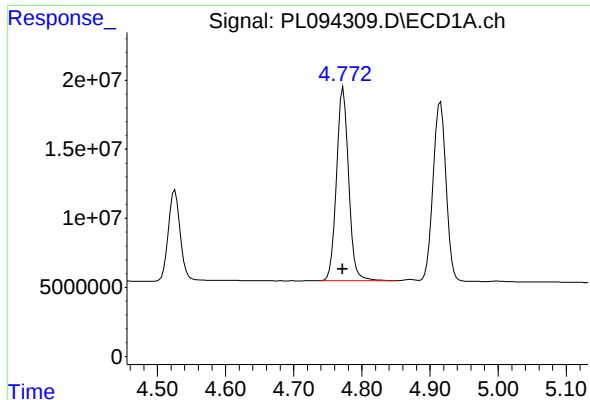
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 79805026
Conc: 49.65 ng/ml



#6 beta-BHC

R.T.: 3.905 min
Delta R.T.: -0.002 min
Response: 103365581
Conc: 51.75 ng/ml



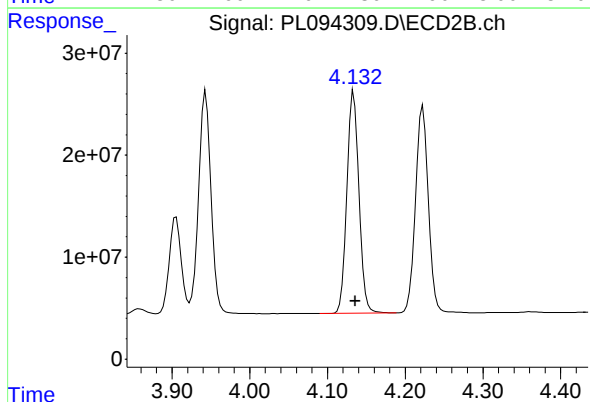
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: 0.001 min
Response: 172580120
Conc: 49.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166775BS

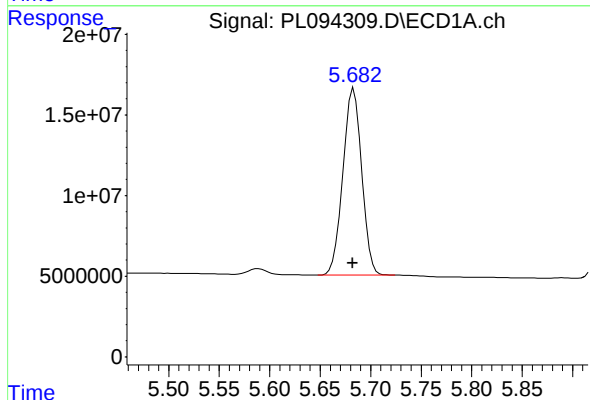
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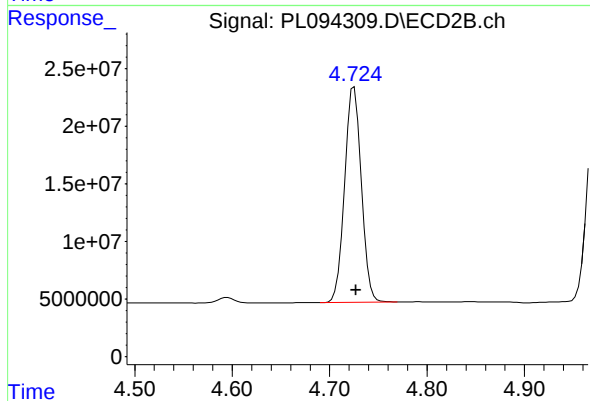
#7 delta-BHC

R.T.: 4.134 min
Delta R.T.: -0.002 min
Response: 233623442
Conc: 49.17 ng/ml



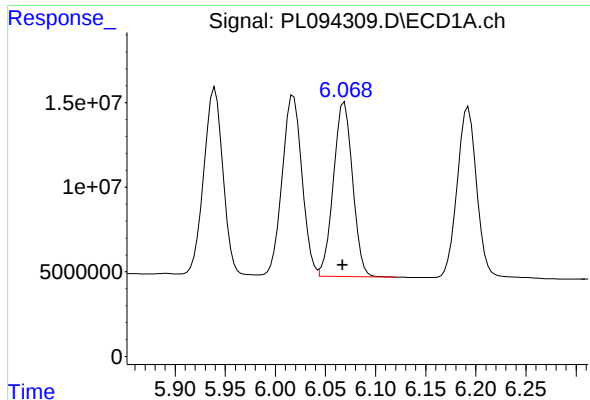
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.001 min
Response: 150168497
Conc: 50.50 ng/ml



#8 Heptachlor epoxide

R.T.: 4.725 min
Delta R.T.: -0.002 min
Response: 222741551
Conc: 53.28 ng/ml



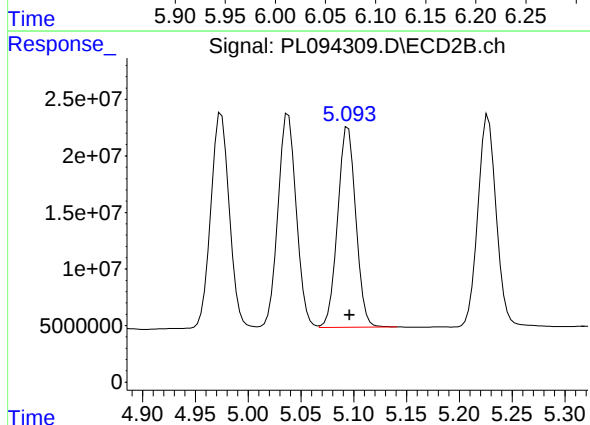
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.002 min
Response: 136461216
Conc: 51.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166775BS

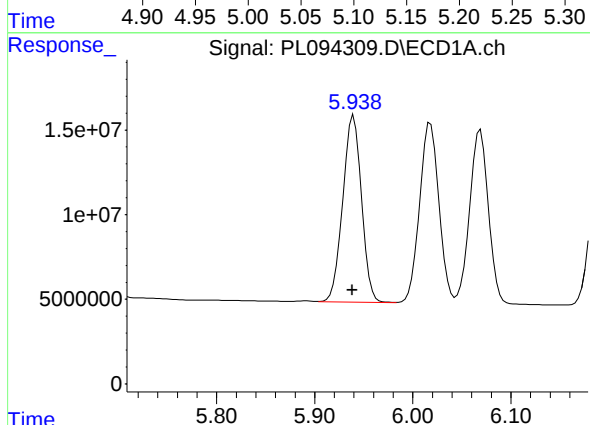
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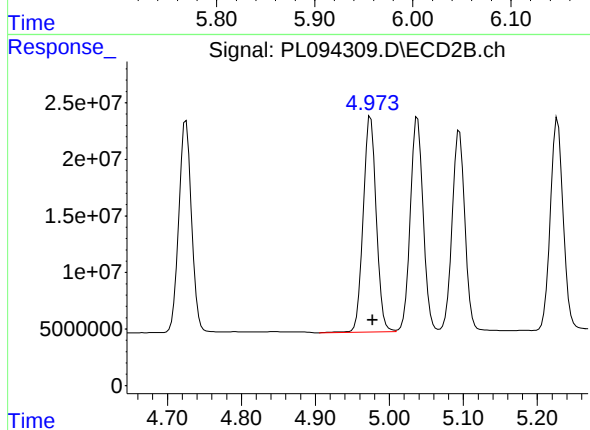
#9 Endosulfan I

R.T.: 5.095 min
Delta R.T.: -0.002 min
Response: 212545164
Conc: 54.82 ng/ml



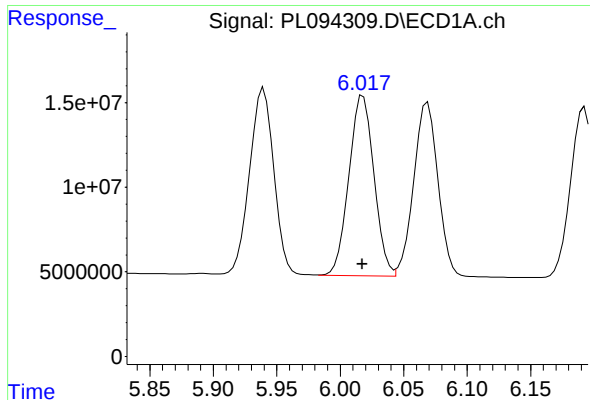
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.001 min
Response: 146680543
Conc: 52.62 ng/ml



#10 gamma-Chlordane

R.T.: 4.975 min
Delta R.T.: -0.002 min
Response: 234961261
Conc: 55.45 ng/ml



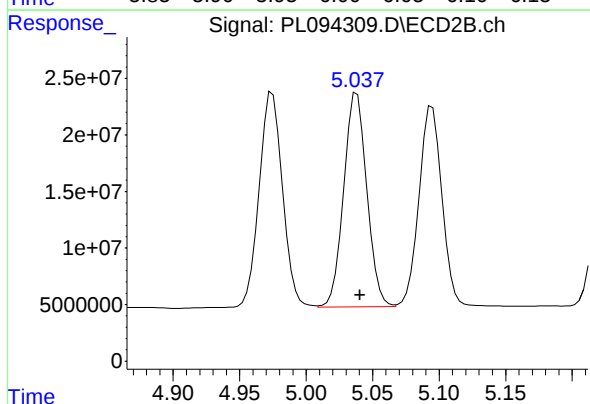
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 146376172
Conc: 52.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166775BS

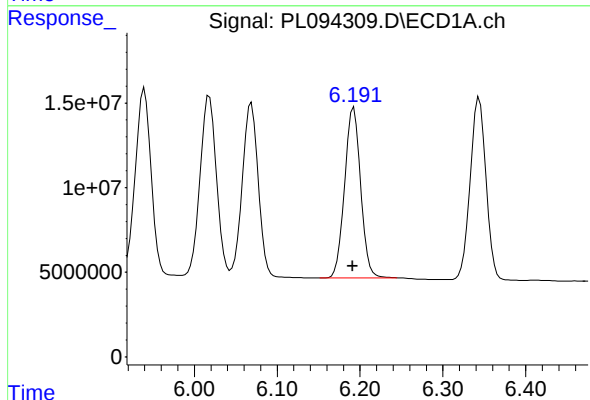
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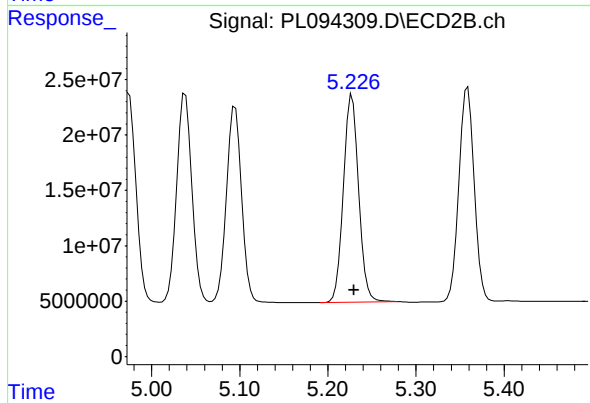
#11 alpha-Chlordane

R.T.: 5.038 min
Delta R.T.: -0.002 min
Response: 229439389
Conc: 54.80 ng/ml



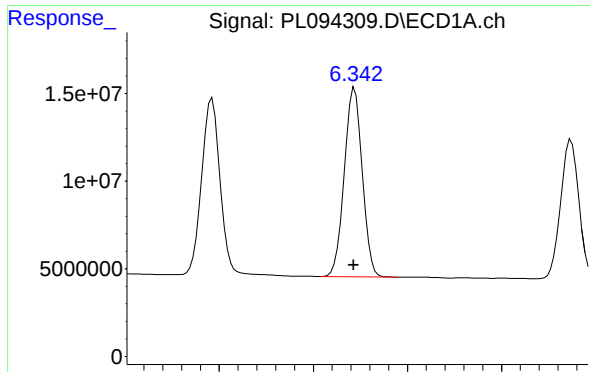
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.001 min
Response: 135580885
Conc: 55.69 ng/ml



#12 4,4'-DDE

R.T.: 5.227 min
Delta R.T.: -0.002 min
Response: 225526926
Conc: 56.25 ng/ml



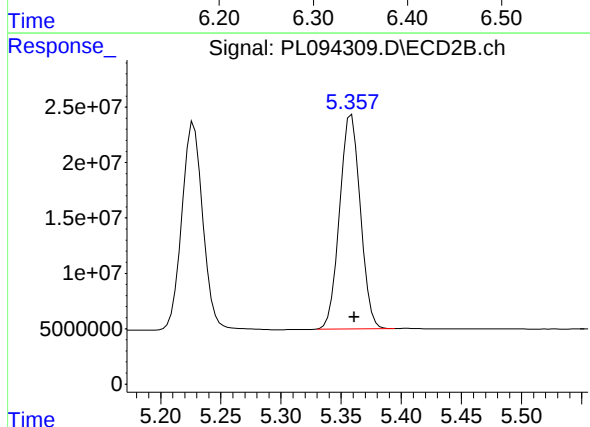
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.001 min
Response: 143104689
Conc: 51.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166775BS

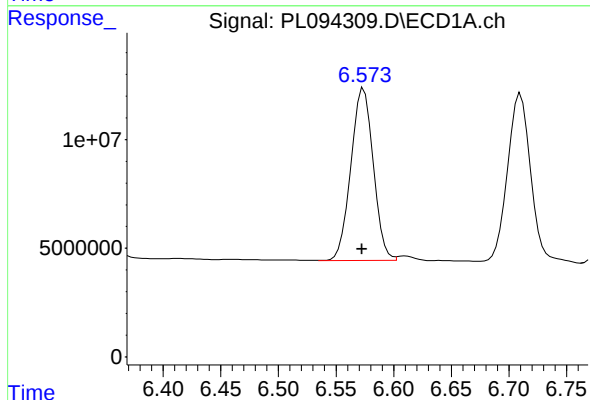
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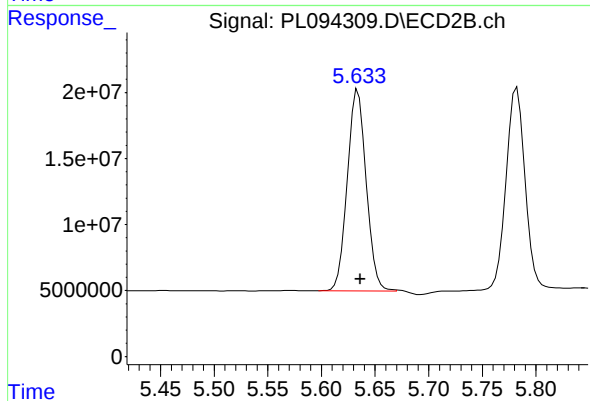
#13 Dieldrin

R.T.: 5.359 min
Delta R.T.: -0.002 min
Response: 232495053
Conc: 54.12 ng/ml



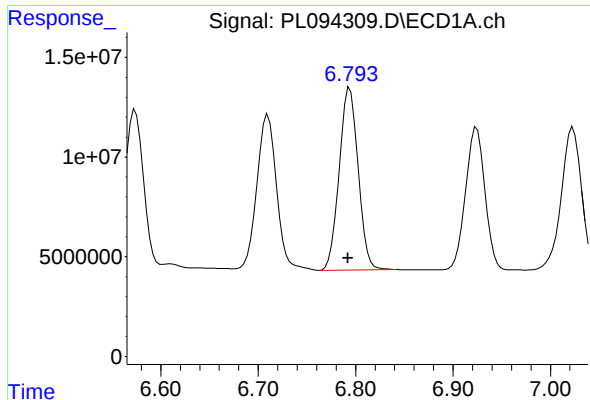
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 107545622
Conc: 45.87 ng/ml m



#14 Endrin

R.T.: 5.633 min
Delta R.T.: -0.004 min
Response: 186910923
Conc: 50.62 ng/ml m



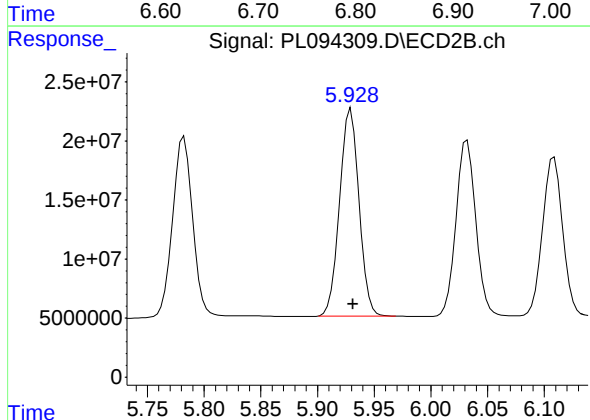
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.002 min
Response: 123376488
Conc: 51.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166775BS

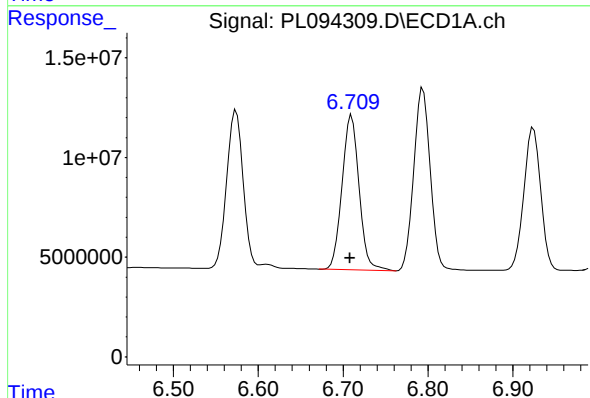
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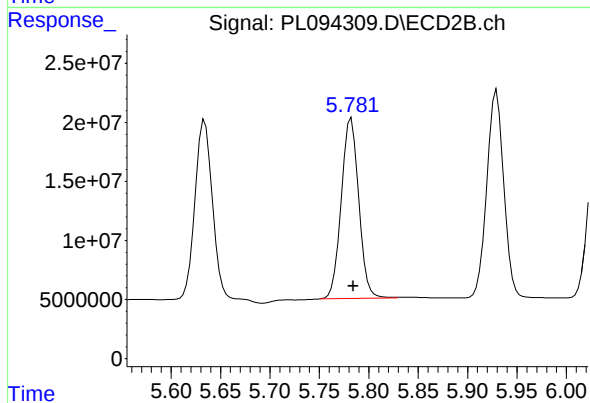
#15 Endosulfan II

R.T.: 5.929 min
Delta R.T.: -0.002 min
Response: 209197914
Conc: 56.48 ng/ml



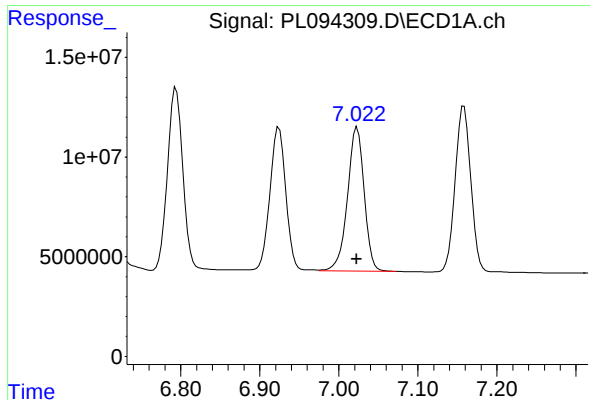
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.002 min
Response: 108619066
Conc: 57.15 ng/ml



#16 4,4'-DDD

R.T.: 5.782 min
Delta R.T.: -0.002 min
Response: 187798364
Conc: 59.50 ng/ml



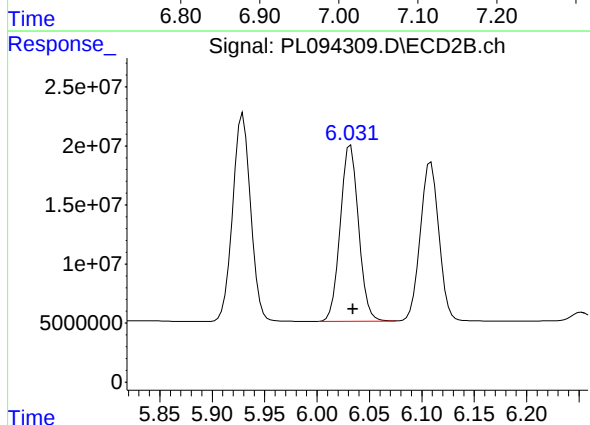
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 105515118
Conc: 53.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166775BS

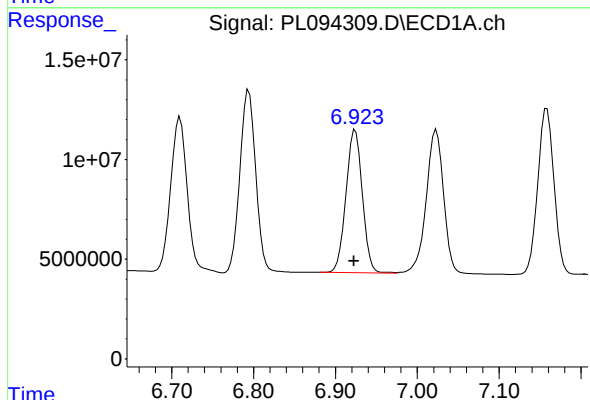
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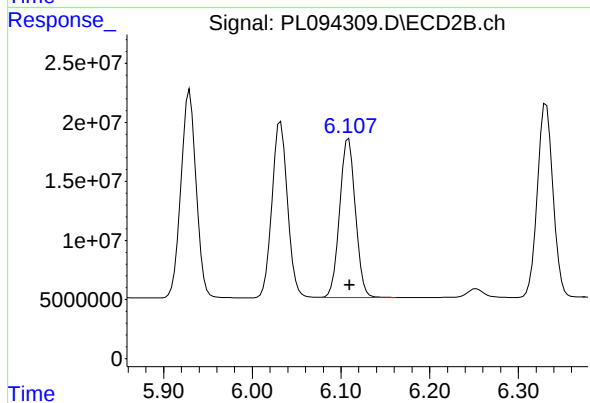
#17 4,4'-DDT

R.T.: 6.032 min
Delta R.T.: -0.002 min
Response: 181775567
Conc: 55.86 ng/ml



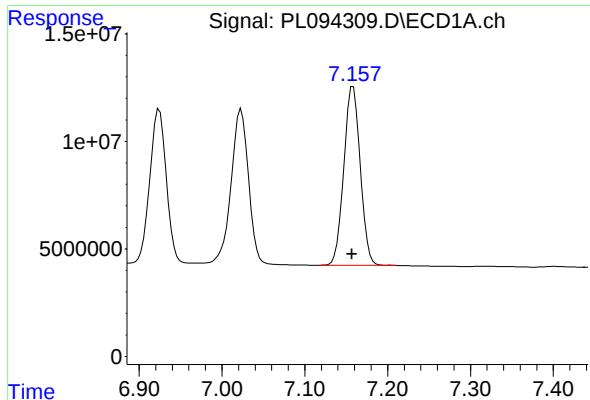
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.002 min
Response: 99767264
Conc: 51.32 ng/ml



#18 Endrin aldehyde

R.T.: 6.109 min
Delta R.T.: -0.001 min
Response: 166360981
Conc: 54.64 ng/ml



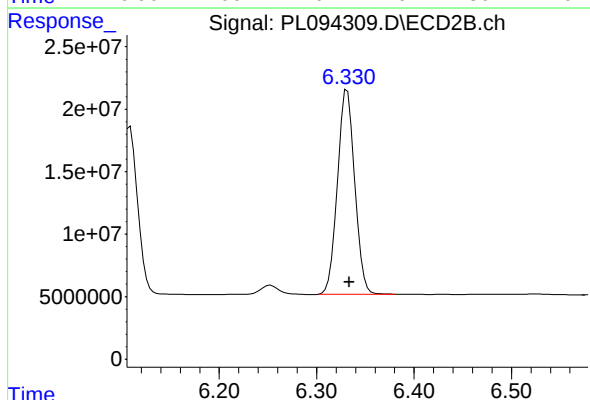
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.001 min
Response: 114782013
Conc: 50.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166775BS

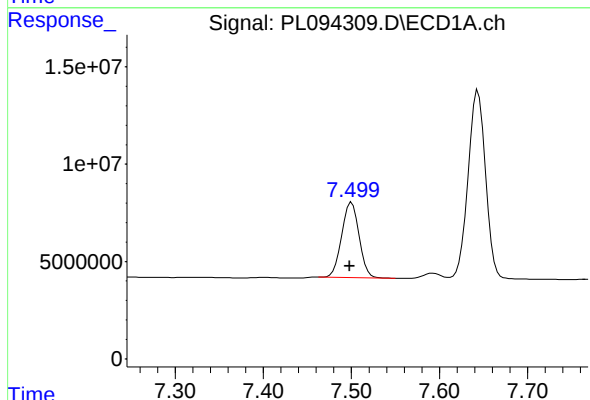
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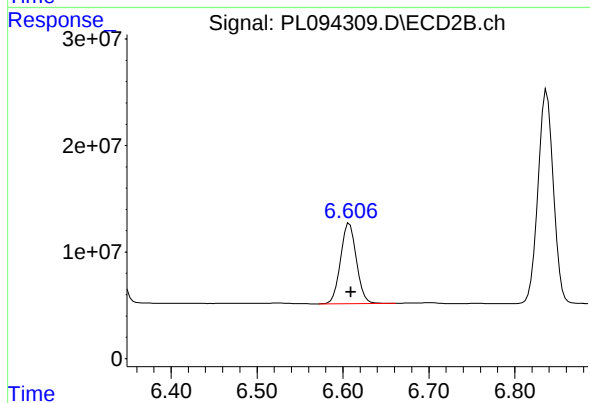
#19 Endosulfan Sulfate

R.T.: 6.331 min
Delta R.T.: -0.002 min
Response: 201601973
Conc: 56.53 ng/ml



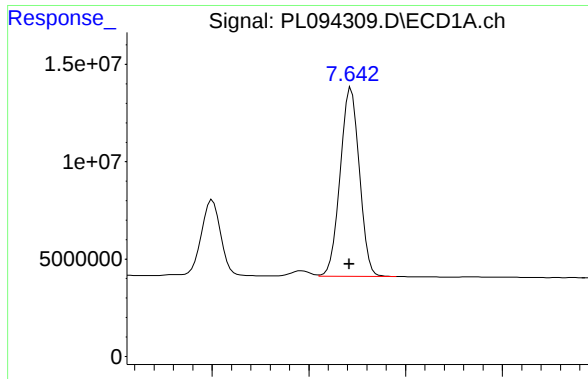
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.002 min
Response: 52804643
Conc: 50.61 ng/ml



#20 Methoxychlor

R.T.: 6.608 min
Delta R.T.: -0.002 min
Response: 96508336
Conc: 53.97 ng/ml



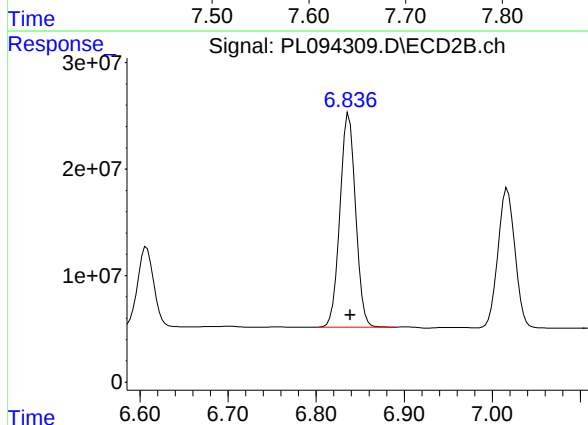
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.002 min
Response: 133199620
Conc: 52.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166775BS

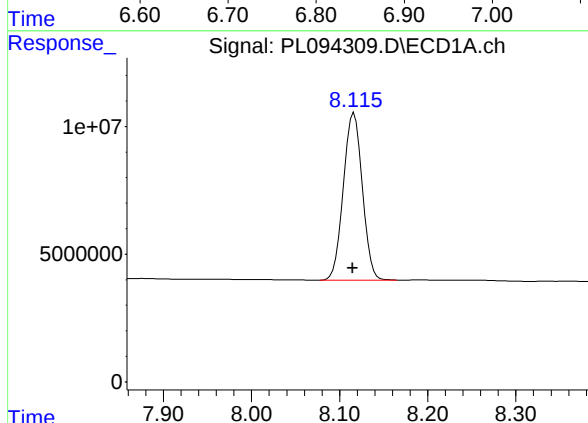
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/21/2025
Supervised By :Ankita Jodhani 02/24/2025



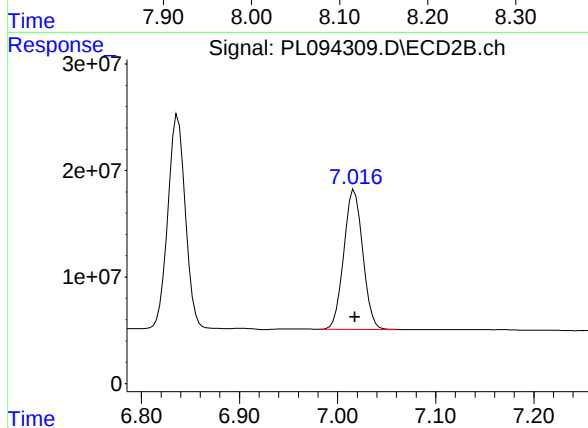
#21 Endrin ketone

R.T.: 6.837 min
Delta R.T.: -0.002 min
Response: 247588210
Conc: 59.02 ng/ml



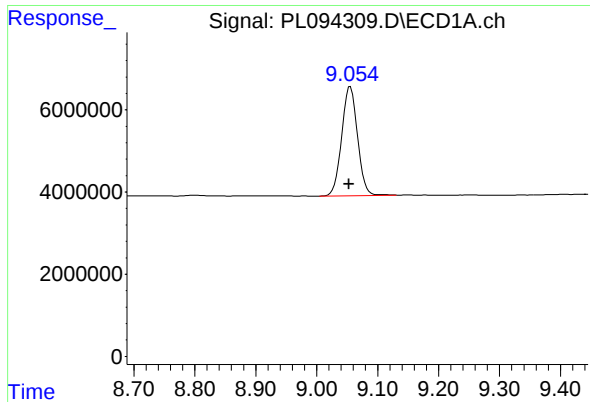
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.002 min
Response: 98152968
Conc: 47.13 ng/ml



#22 Mirex

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 175985173
Conc: 52.04 ng/ml



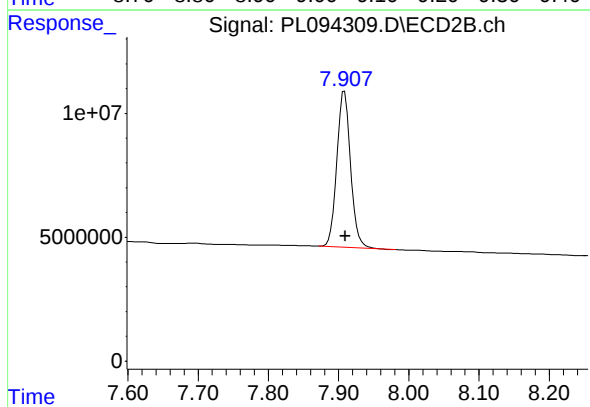
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.002 min
Response: 48054692
Conc: 22.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166775BS

Manual Integrations
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Supervised By :Ankita Jodhani 02/24/2025



#28 Decachlorobiphenyl

R.T.: 7.908 min
Delta R.T.: -0.001 min
Response: 85221513
Conc: 24.32 ng/ml