

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021025\
 Data File : PL094120.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2025 16:07
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/11/2025
 Supervised By :Ankita Jodhani 02/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 10 21:10:08 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	2.774	129.1E6	162.9E6	47.953	49.909
28)	SA Decachlor...	9.054	7.908	92285091	166.6E6	44.115	47.538
Target Compounds							
2)	A alpha-BHC	3.995	3.276	183.6E6	247.4E6	47.894	50.606
3)	MA gamma-BHC...	4.327	3.606	177.4E6	238.5E6	48.169	50.297
4)	MA Heptachlor	4.915	3.944	160.7E6	232.4E6	49.024	49.926
5)	MB Aldrin	5.256	4.223	159.0E6	228.5E6	48.586	50.088
6)	B beta-BHC	4.525	3.906	76889783	99360987	47.837	49.744
7)	B delta-BHC	4.772	4.135	170.6E6	238.0E6	48.681	50.095
8)	B Heptachlo...	5.683	4.726	139.7E6	207.7E6	46.991	49.697
9)	A Endosulfan I	6.069	5.095	123.2E6	183.5E6	46.610	47.334
10)	B gamma-Chl...	5.939	4.976	131.4E6	213.7E6	47.136	50.427
11)	B alpha-Chl...	6.018	5.040	131.5E6	208.3E6	47.173	49.750
12)	B 4,4'-DDE	6.191	5.228	122.3E6	210.1E6	50.237	52.406
13)	MA Dieldrin	6.343	5.360	128.5E6	211.0E6	46.288	49.113
14)	MA Endrin	6.571	5.635	108.4E6	185.1E6	46.218m	50.128
15)	B Endosulfa...	6.793	5.931	109.5E6	181.7E6	45.428	49.045
16)	A 4,4'-DDD	6.709	5.783	97024037	166.9E6	51.050	52.887
17)	MA 4,4'-DDT	7.022	6.033	97193804	169.2E6	49.286	52.011
18)	B Endrin al...	6.923	6.110	88613743	146.0E6	45.582	47.959
19)	B Endosulfa...	7.157	6.332	102.4E6	173.4E6	45.231	48.629
20)	A Methoxychlor	7.499	6.608	53160591	90401675	50.950	50.556
21)	B Endrin ke...	7.642	6.838	113.9E6	203.4E6	45.144	48.482
22)	Mirex	8.115	7.017	91691486	163.9E6	44.030	48.458

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021025\
Data File : PL094120.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Feb 2025 16:07
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

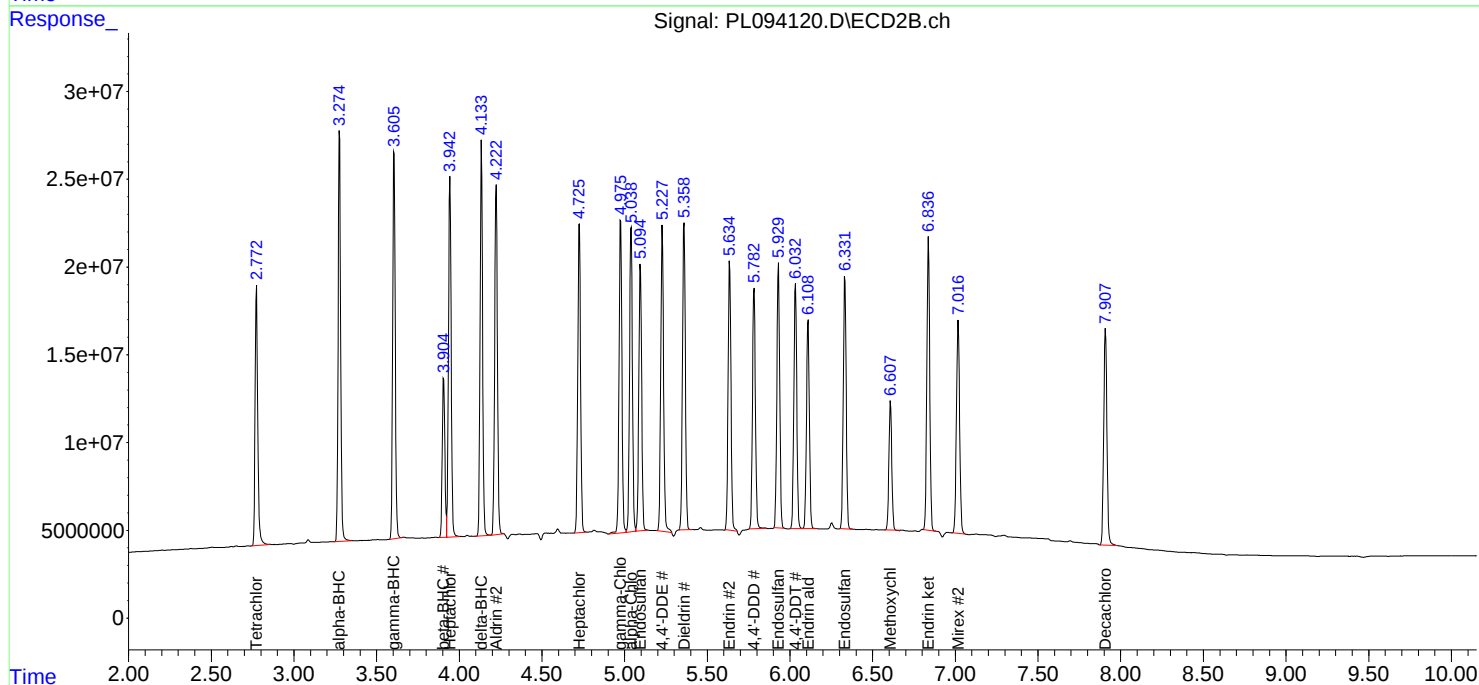
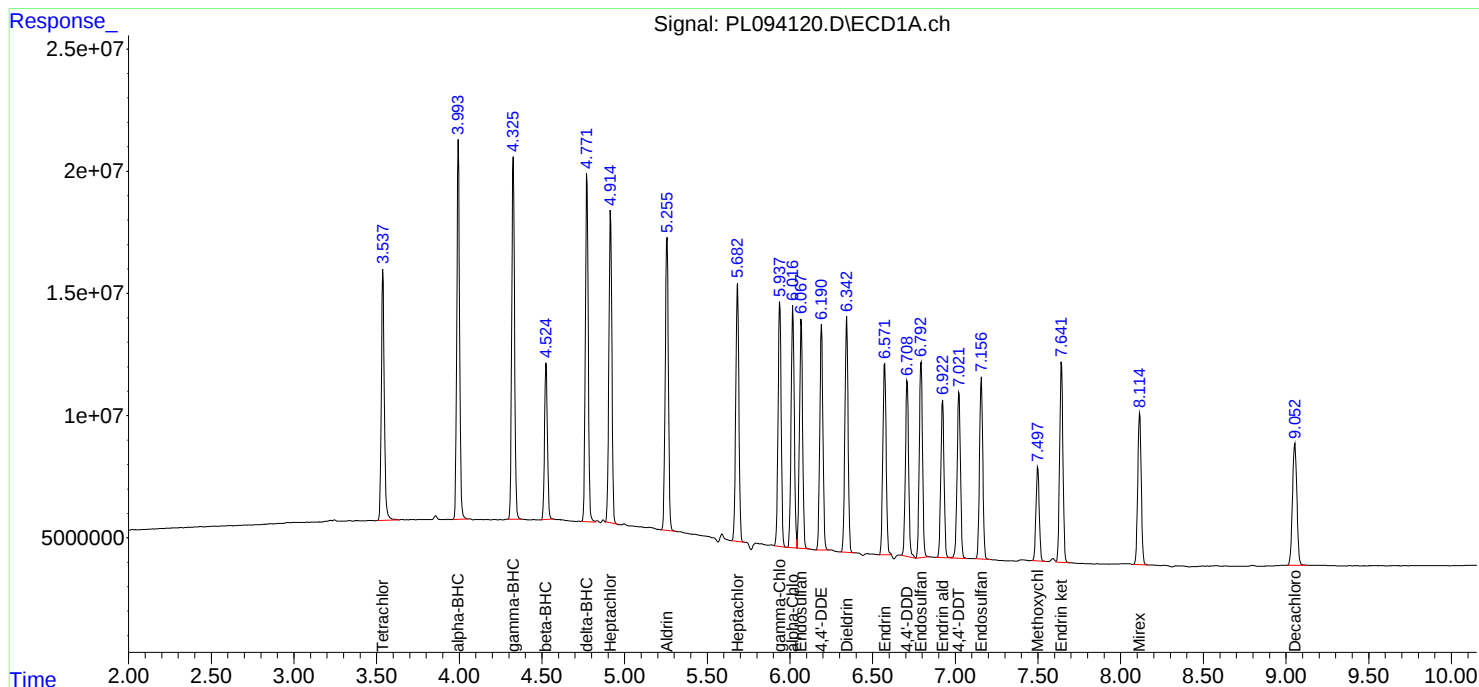
APPROVED

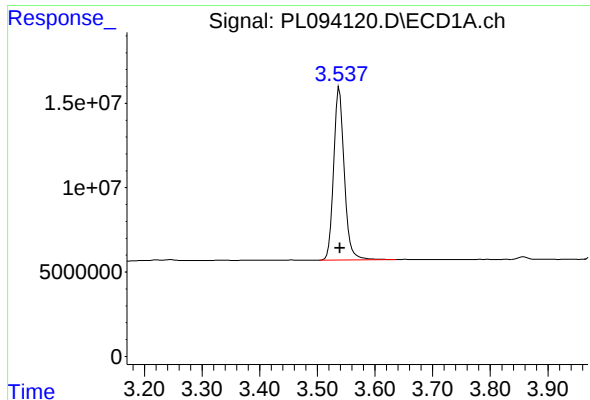
Reviewed By :Abdul Mirza 02/11/2025

Supervised By :Ankita Jodhani 02/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 10 21:10:08 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





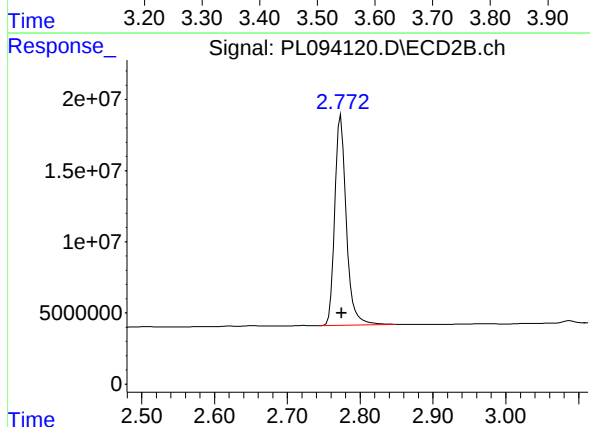
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 129125803
Conc: 47.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

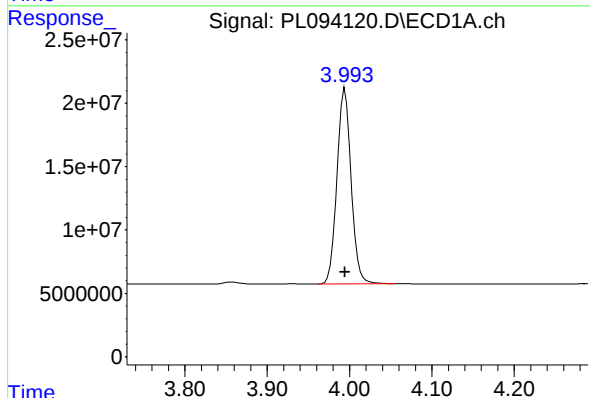
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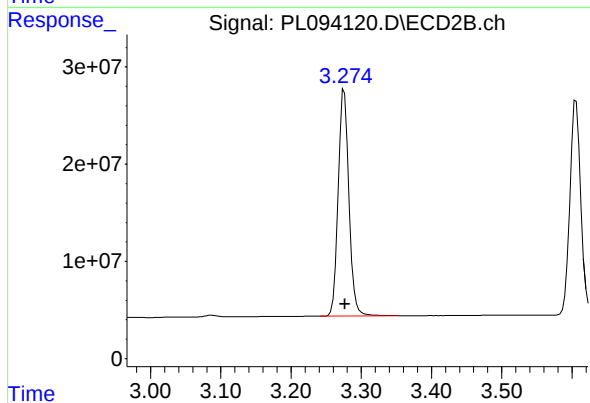
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 162912147
Conc: 49.91 ng/ml



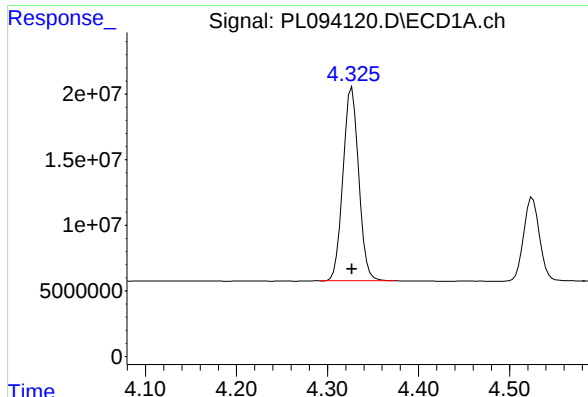
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 183617854
Conc: 47.89 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: -0.001 min
Response: 247409801
Conc: 50.61 ng/ml



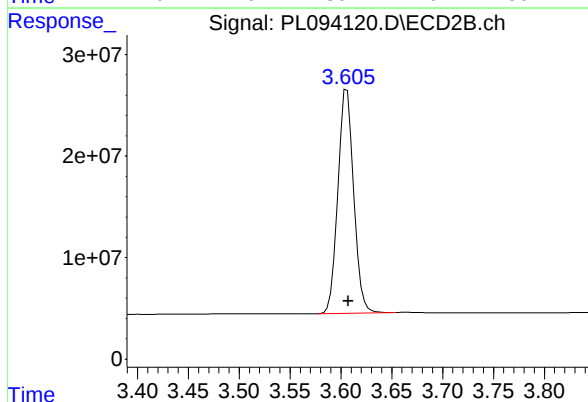
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 177398095
Conc: 48.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

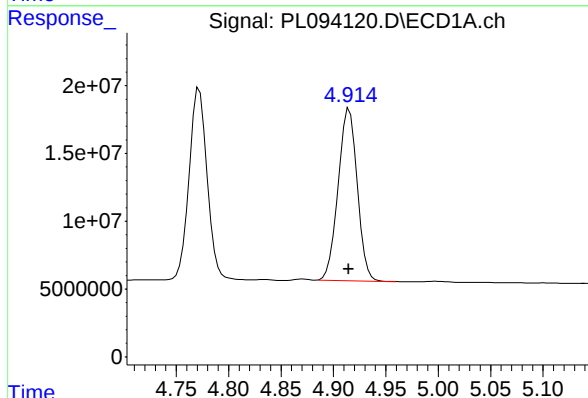
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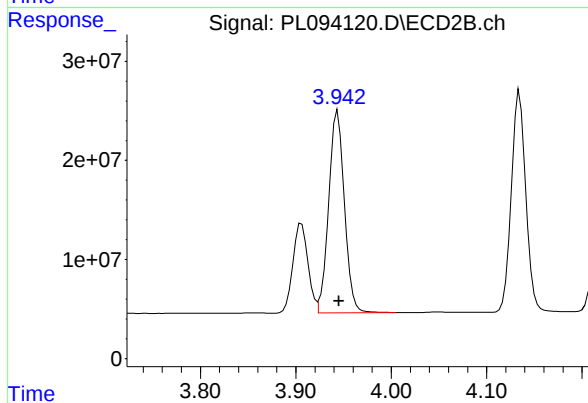
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: -0.001 min
Response: 238469213
Conc: 50.30 ng/ml



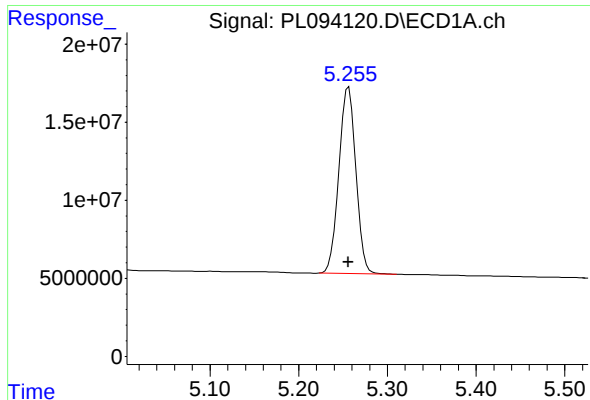
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 160668570
Conc: 49.02 ng/ml



#4 Heptachlor

R.T.: 3.944 min
Delta R.T.: -0.001 min
Response: 232396448
Conc: 49.93 ng/ml



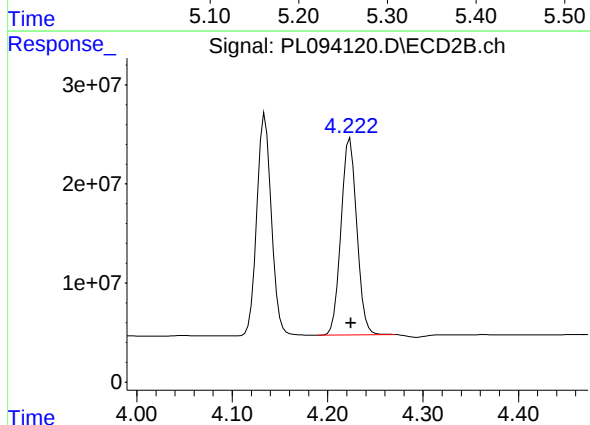
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 158972492
Conc: 48.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

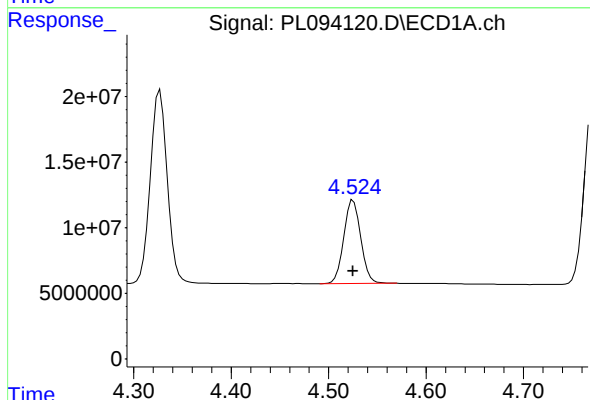
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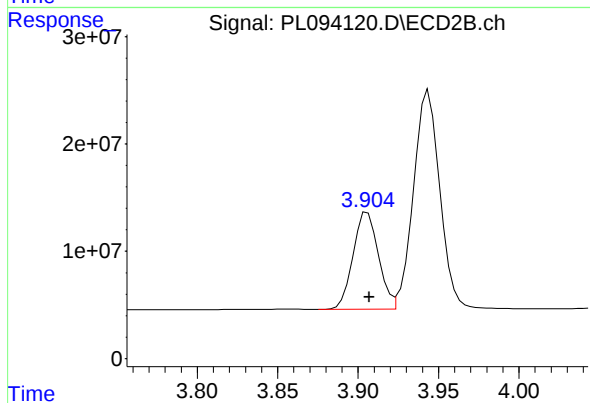
#5 Aldrin

R.T.: 4.223 min
Delta R.T.: -0.001 min
Response: 228491501
Conc: 50.09 ng/ml



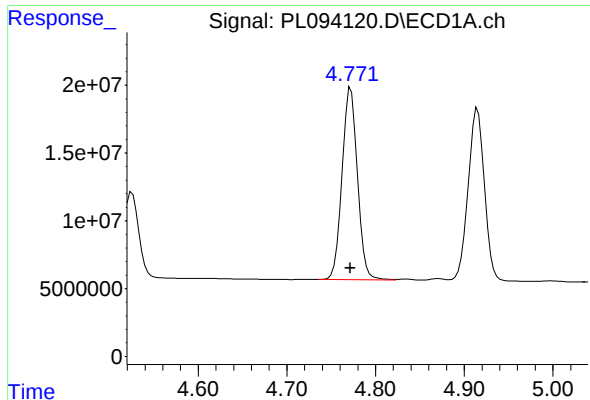
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 76889783
Conc: 47.84 ng/ml



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: -0.001 min
Response: 99360987
Conc: 49.74 ng/ml



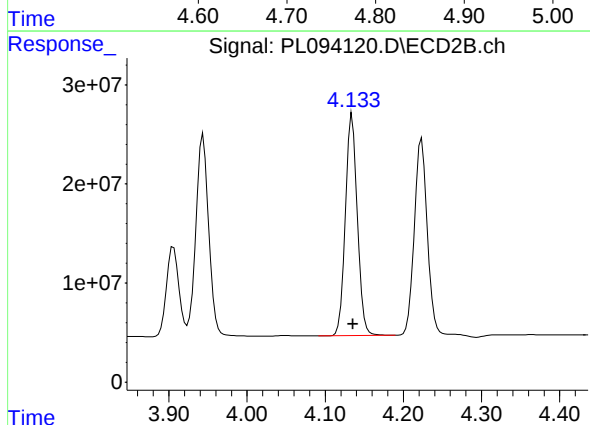
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 170639284
Conc: 48.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

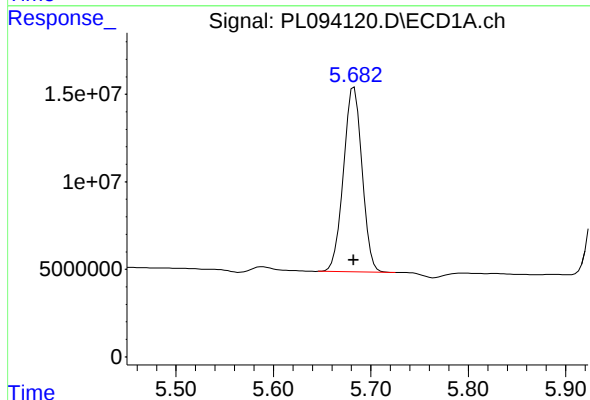
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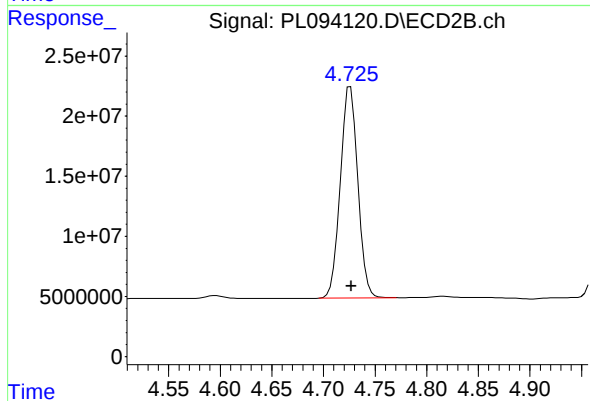
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: -0.001 min
Response: 238012990
Conc: 50.09 ng/ml



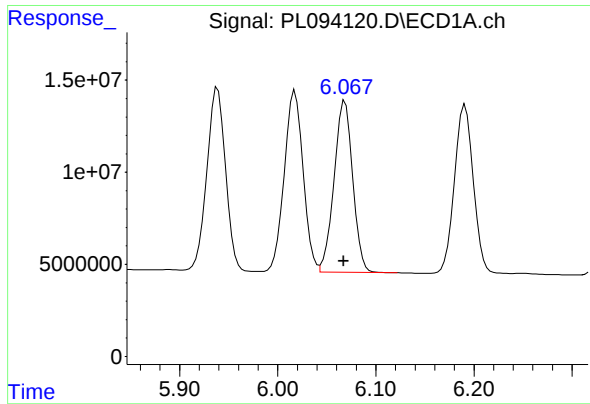
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 139743701
Conc: 46.99 ng/ml



#8 Heptachlor epoxide

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 207747685
Conc: 49.70 ng/ml



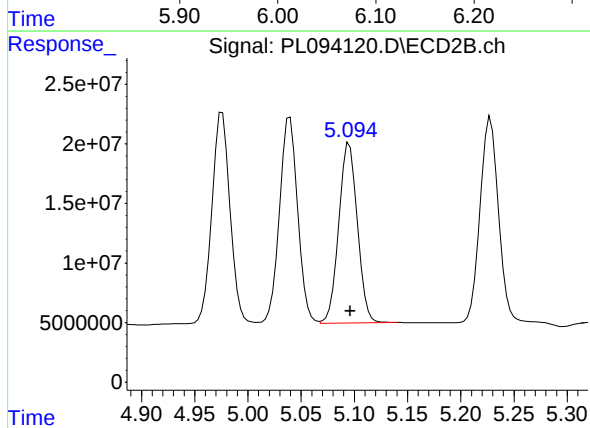
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.001 min
Response: 123183323
Conc: 46.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

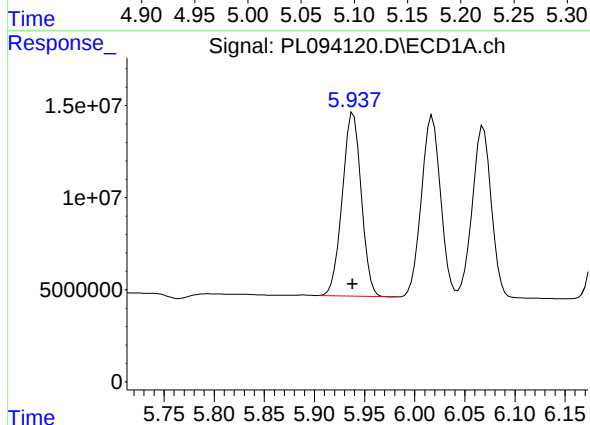
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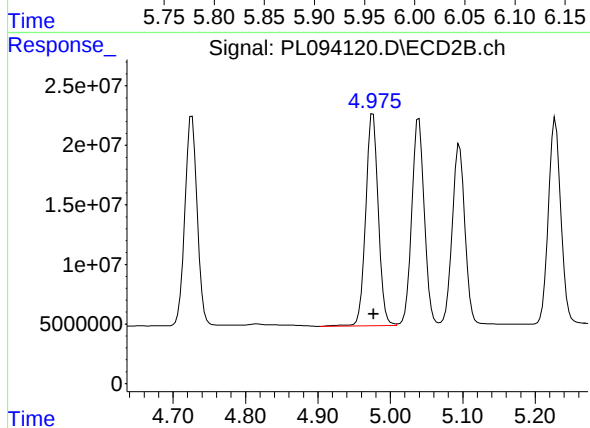
#9 Endosulfan I

R.T.: 5.095 min
Delta R.T.: 0.000 min
Response: 183511506
Conc: 47.33 ng/ml



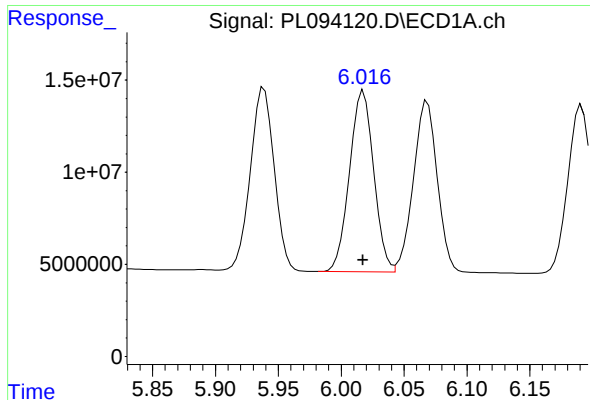
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 131385305
Conc: 47.14 ng/ml



#10 gamma-Chlordane

R.T.: 4.976 min
Delta R.T.: -0.001 min
Response: 213688772
Conc: 50.43 ng/ml



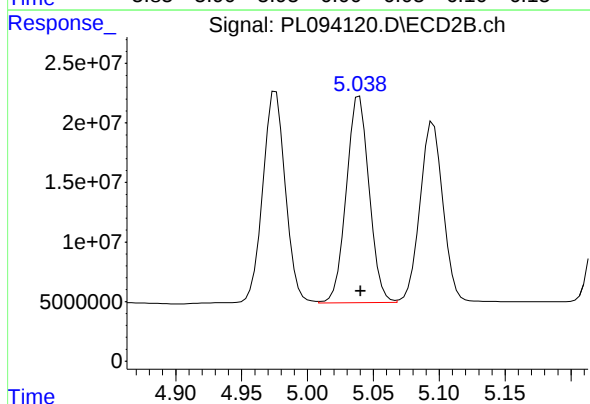
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 131536774
Conc: 47.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

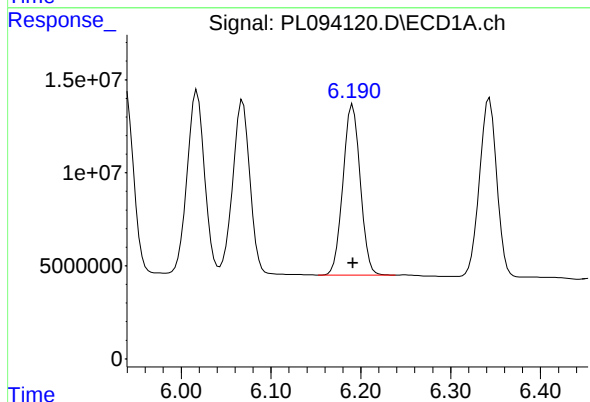
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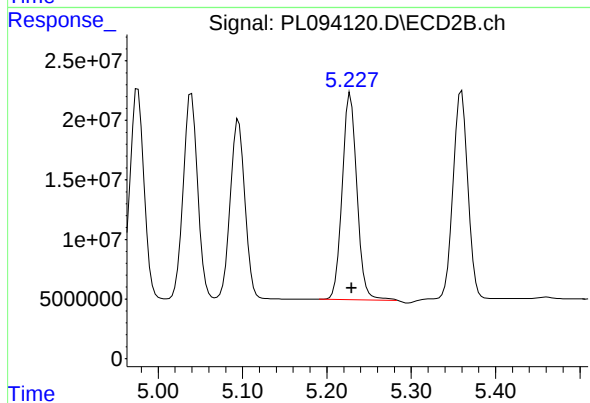
#11 alpha-Chlordane

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 208282195
Conc: 49.75 ng/ml



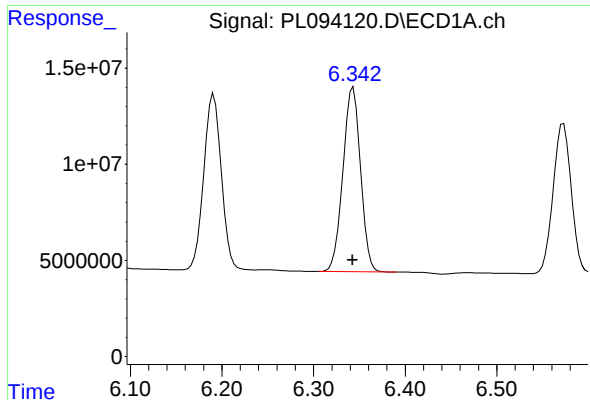
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 122306255
Conc: 50.24 ng/ml



#12 4,4'-DDE

R.T.: 5.228 min
Delta R.T.: -0.001 min
Response: 210120000
Conc: 52.41 ng/ml



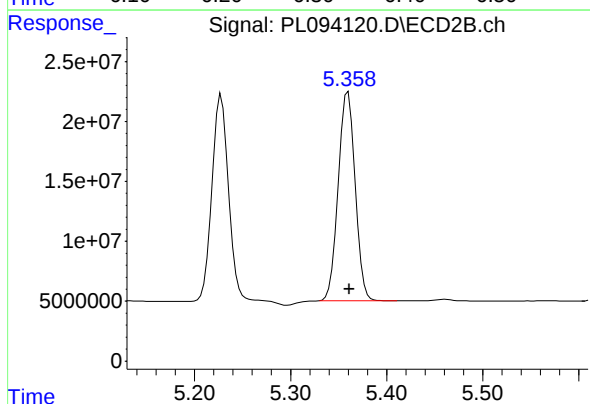
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 128489968
Conc: 46.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

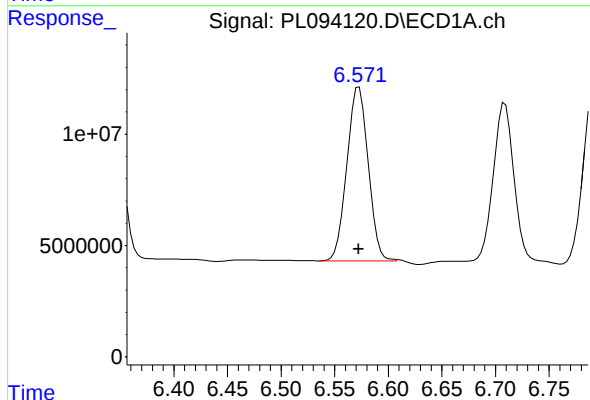
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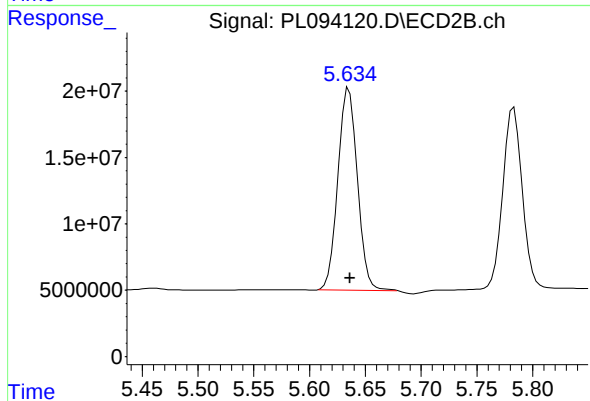
#13 Dieldrin

R.T.: 5.360 min
Delta R.T.: -0.001 min
Response: 210971310
Conc: 49.11 ng/ml



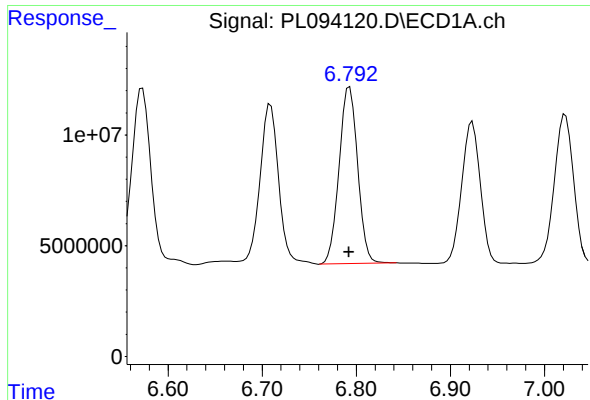
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.001 min
Response: 108373149
Conc: 46.22 ng/ml m



#14 Endrin

R.T.: 5.635 min
Delta R.T.: 0.000 min
Response: 185105394
Conc: 50.13 ng/ml



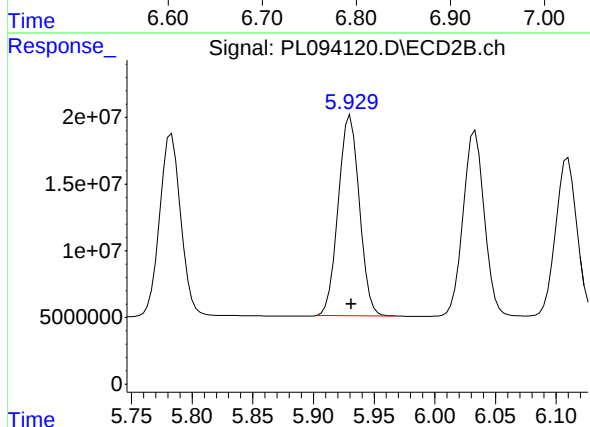
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.000 min
Response: 109452372
Conc: 45.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

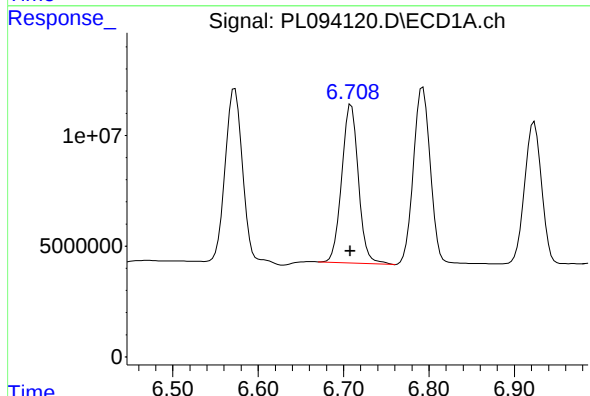
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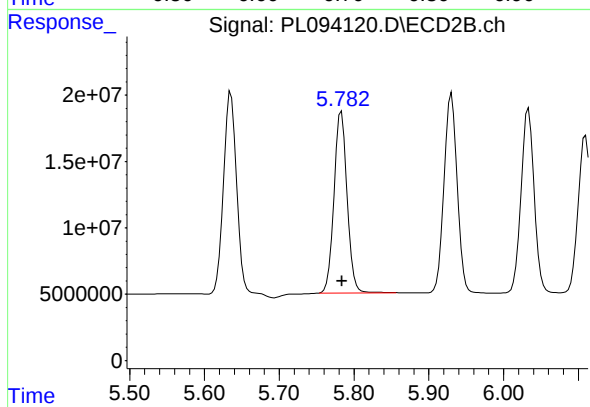
#15 Endosulfan II

R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 181655104
Conc: 49.05 ng/ml



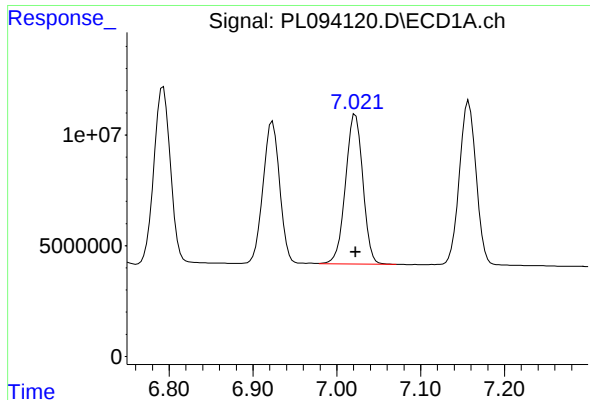
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 97024037
Conc: 51.05 ng/ml



#16 4,4'-DDD

R.T.: 5.783 min
Delta R.T.: -0.001 min
Response: 166940352
Conc: 52.89 ng/ml



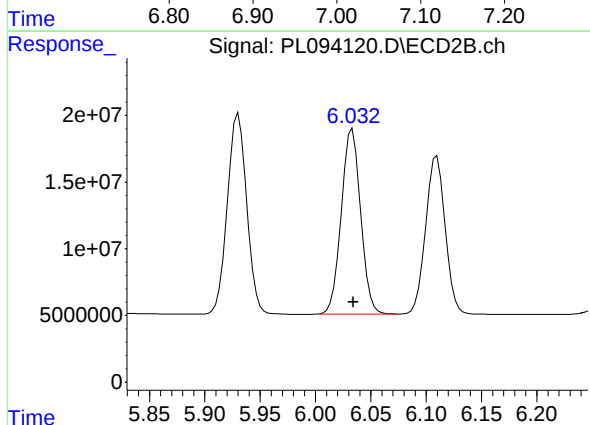
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 97193804
Conc: 49.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

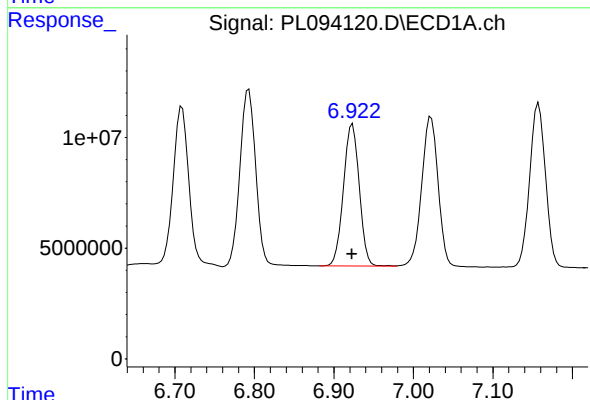
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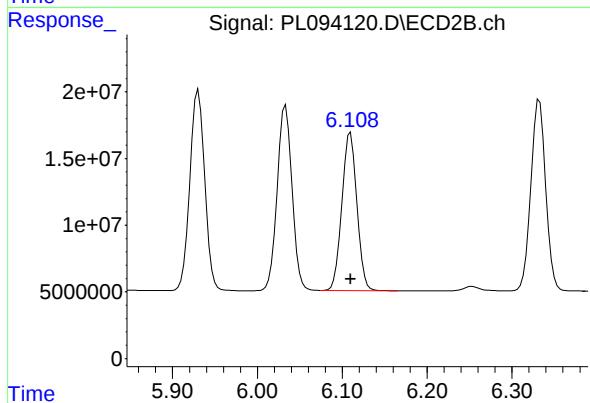
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 169247607
Conc: 52.01 ng/ml



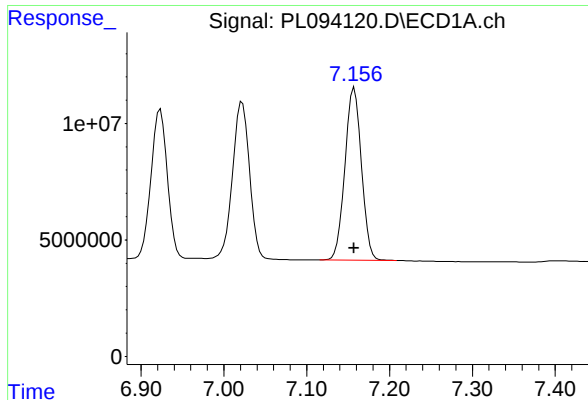
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 88613743
Conc: 45.58 ng/ml



#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 146017067
Conc: 47.96 ng/ml



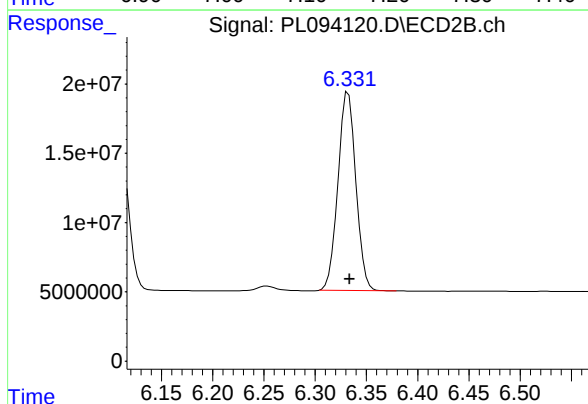
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 102392328
Conc: 45.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

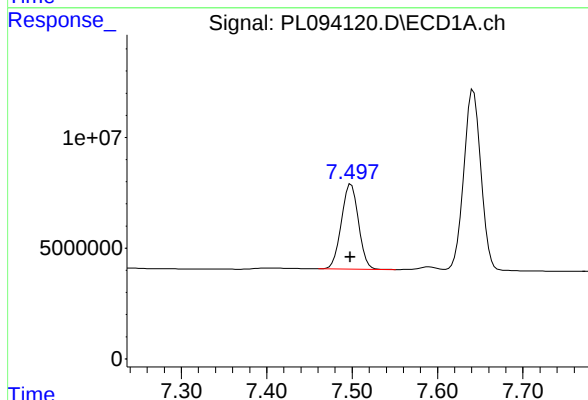
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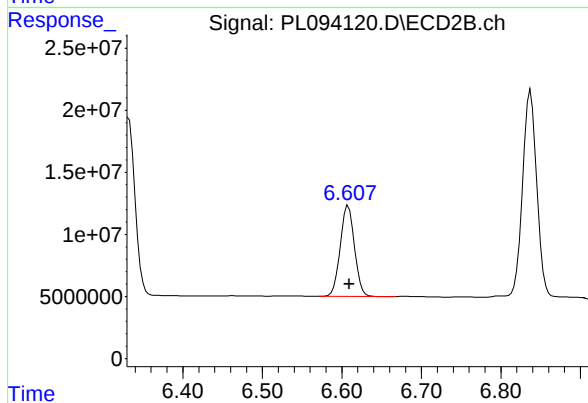
#19 Endosulfan Sulfate

R.T.: 6.332 min
Delta R.T.: -0.001 min
Response: 173414459
Conc: 48.63 ng/ml



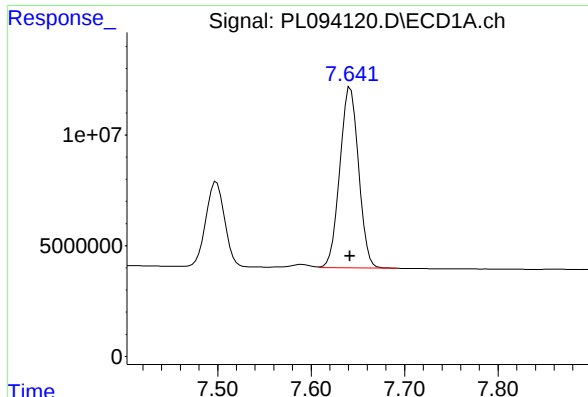
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 53160591
Conc: 50.95 ng/ml



#20 Methoxychlor

R.T.: 6.608 min
Delta R.T.: -0.001 min
Response: 90401675
Conc: 50.56 ng/ml



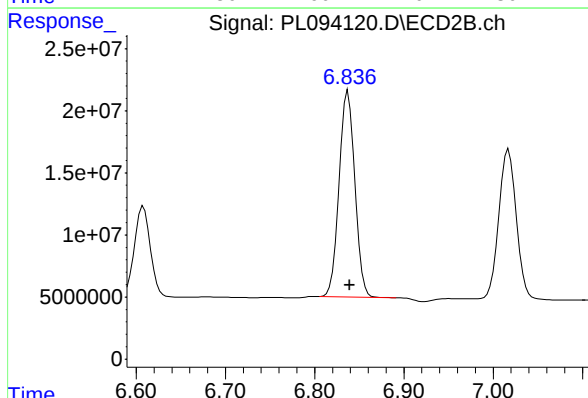
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 113881511
Conc: 45.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

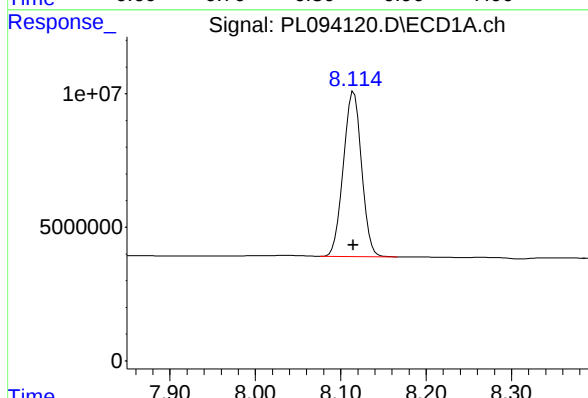
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/11/2025
Supervised By :Ankita Jodhani 02/12/2025



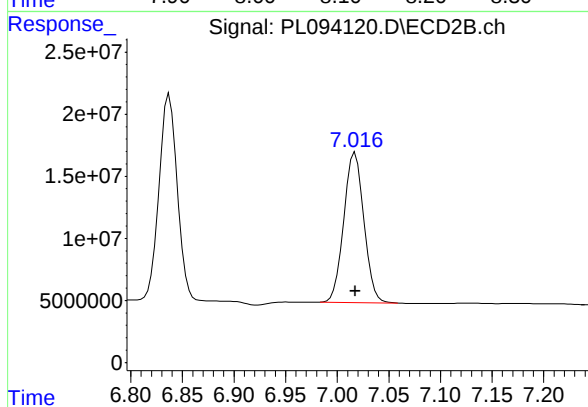
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: -0.001 min
Response: 203395548
Conc: 48.48 ng/ml



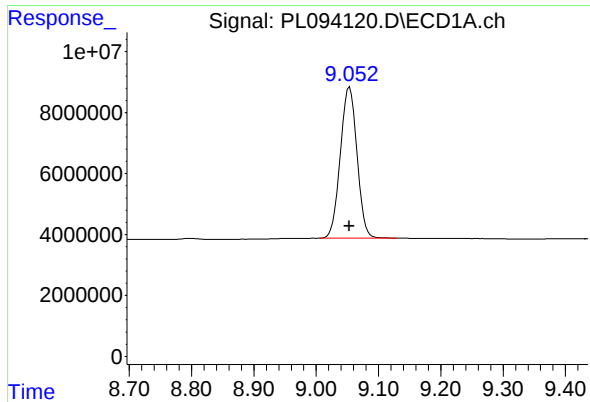
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 91691486
Conc: 44.03 ng/ml



#22 Mirex

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 163877959
Conc: 48.46 ng/ml



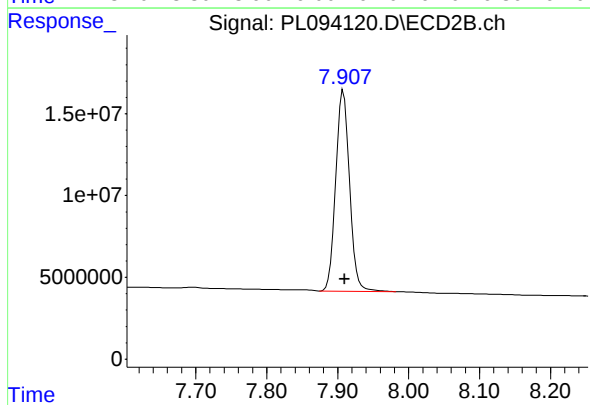
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: 0.000 min
Response: 92285091
Conc: 44.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 02/12/2025



#28 Decachlorobiphenyl

R.T.: 7.908 min
Delta R.T.: -0.002 min
Response: 166574947
Conc: 47.54 ng/ml