

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021025\
 Data File : PL094113.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2025 14:24
 Operator : AR\AJ
 Sample : PB166620BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166620BSD

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 21:08:59 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...	3.543	2.774	55502170	64119739	20.612	19.644
28)	SA Decachlor...	9.057	7.909	41331946	70316221	19.758	20.067
Target Compounds							
2)	A alpha-BHC	3.999	3.276	43476430	48692202	11.340	9.960
3)	MA gamma-BHC...	4.332	3.607	40722501	48170507	11.057	10.160
4)	MA Heptachlor	4.919	3.945	40482227	49459042	12.352	10.625
5)	MB Aldrin	5.260	4.224	37948697	49226485	11.598	10.791
6)	B beta-BHC	4.530	3.907	18042680	22701283	11.225	11.365
7)	B delta-BHC	4.776	4.135	46730481	47676711	13.331	10.035
8)	B Heptachlo...	5.687	4.727	36701182	44818948	12.341	10.722
9)	A Endosulfan I	6.072	5.096	30708571	32790452	11.619	8.458 #
10)	B gamma-Chl...	5.943	4.977	31848836	46450100	11.426	10.961
11)	B alpha-Chl...	6.022	5.041	32317907	45193264	11.590	10.795
12)	B 4,4'-DDE	6.195	5.228	29455439	44388176	12.099	11.071m
13)	MA Dieldrin	6.347	5.361	31367388	44527159	11.300	10.366
14)	MA Endrin	6.575	5.635	26206236	42735712	11.176m	11.573m
15)	B Endosulfa...	6.797	5.931	27858975	39787407	11.563	10.742
16)	A 4,4'-DDD	6.712	5.784	23635443	34833672	12.436	11.035
17)	MA 4,4'-DDT	7.026	6.034	23935087	36083491	12.137	11.089
18)	B Endrin al...	6.927	6.110	22237729	32797749	11.439	10.772
19)	B Endosulfa...	7.160	6.333	26094655	37841758	11.527m	10.612
20)	A Methoxychlor	7.502	6.608	12569163	21205514	12.046	11.859m
21)	B Endrin ke...	7.646	6.837	28709344	46768732	11.381	11.148m
22)	Mirex	8.119	7.018	23850716	38551033	11.453	11.399

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021025\
Data File : PL094113.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Feb 2025 14:24
Operator : AR\AJ
Sample : PB166620BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

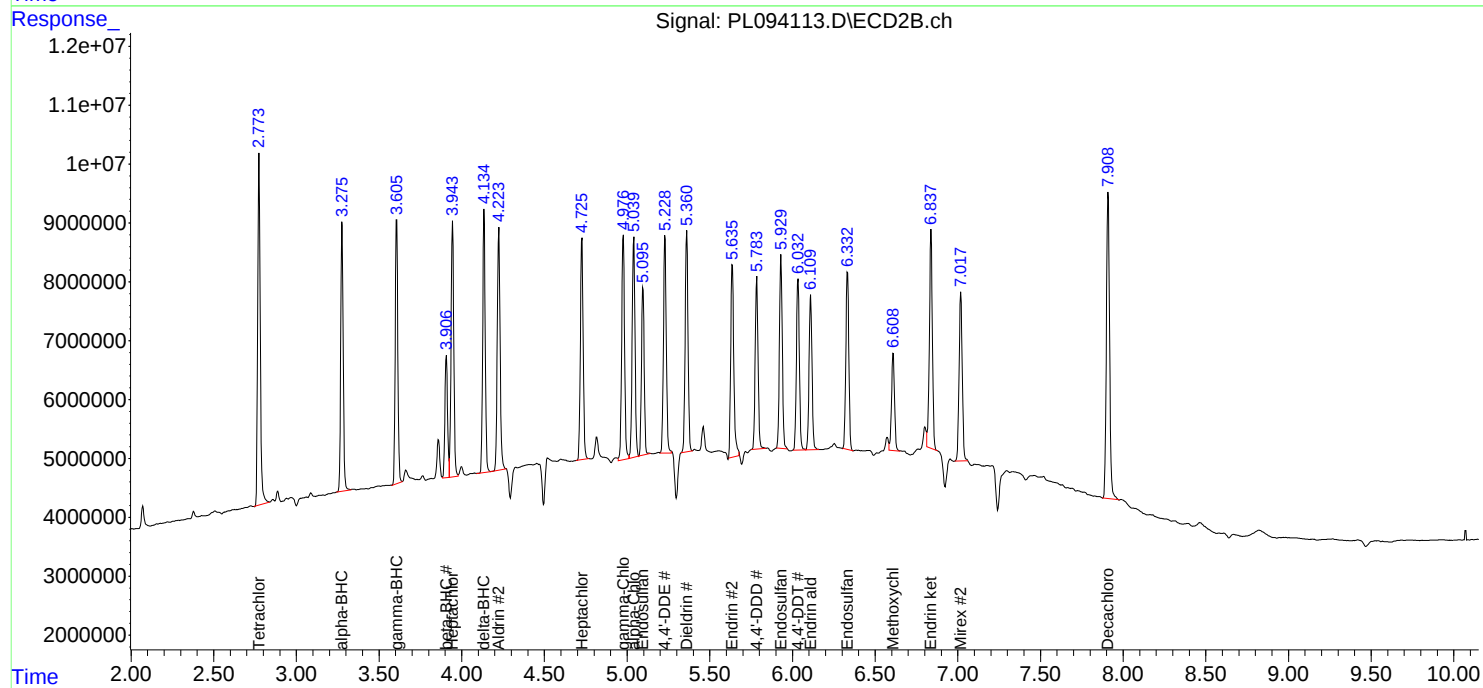
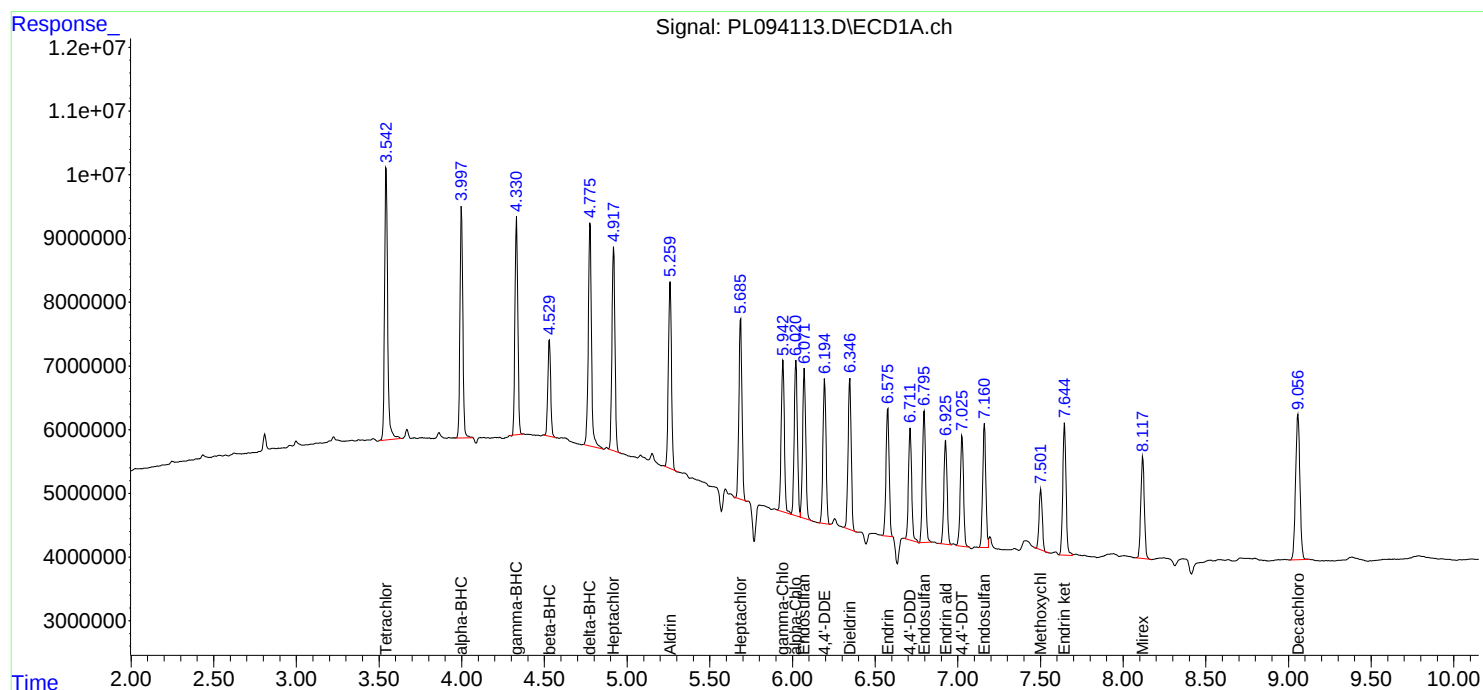
Instrument :
ECD_L
ClientSampleId :
PB166620BSD

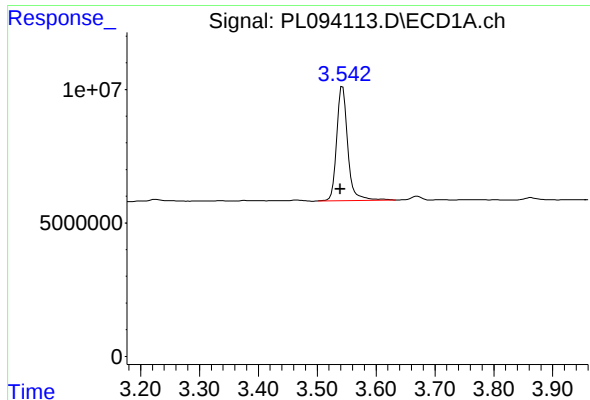
Manual Integrations
APPROVED

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 21:08:59 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





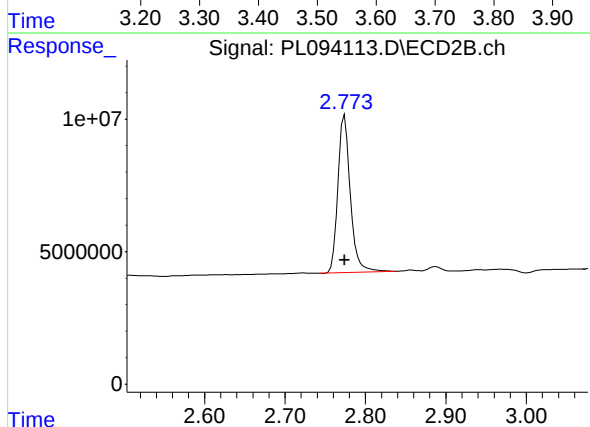
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: 0.004 min
Response: 55502170
Conc: 20.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166620BSD

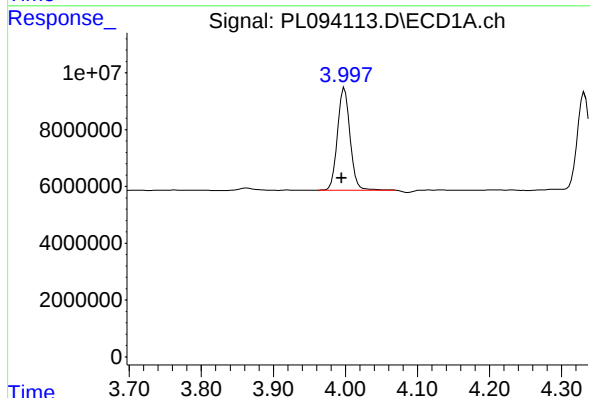
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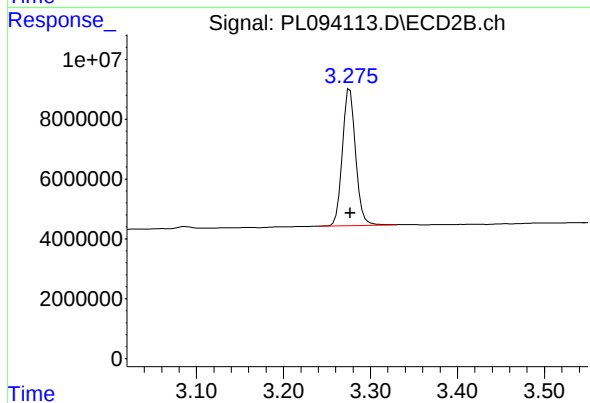
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 64119739
Conc: 19.64 ng/ml



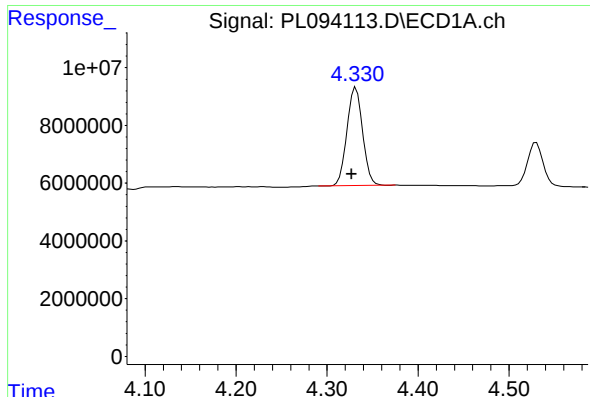
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.004 min
Response: 43476430
Conc: 11.34 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 48692202
Conc: 9.96 ng/ml



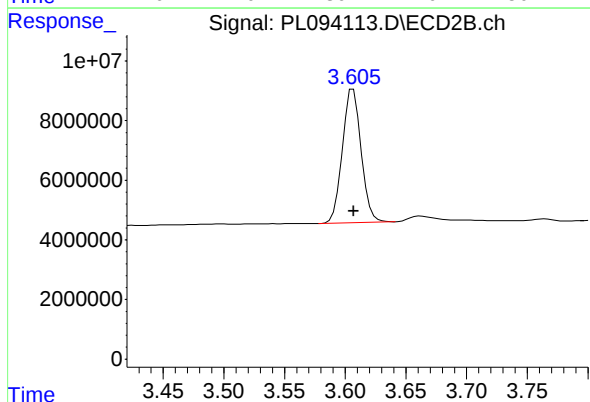
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.005 min
Response: 40722501
Conc: 11.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166620BSD

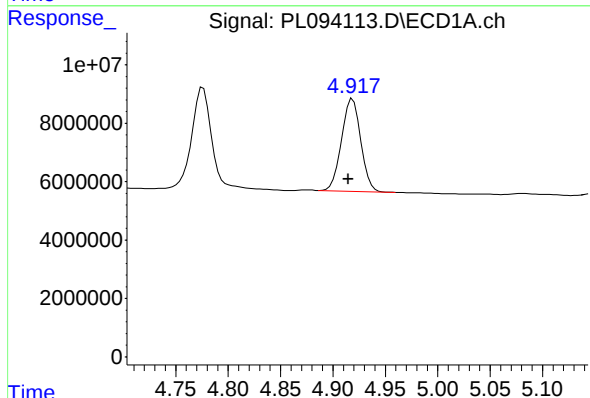
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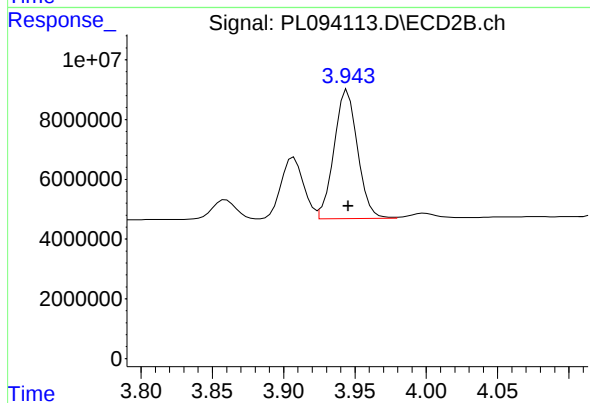
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: 0.000 min
Response: 48170507
Conc: 10.16 ng/ml



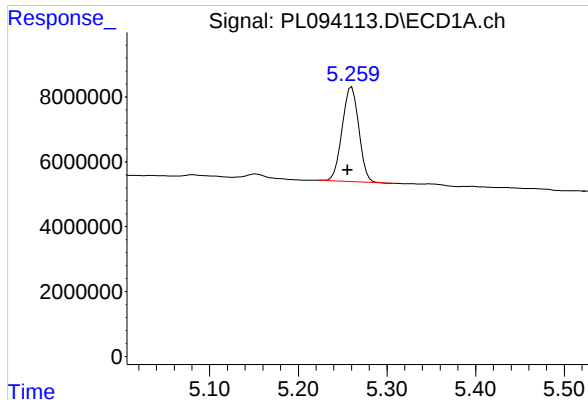
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: 0.004 min
Response: 40482227
Conc: 12.35 ng/ml



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 49459042
Conc: 10.63 ng/ml



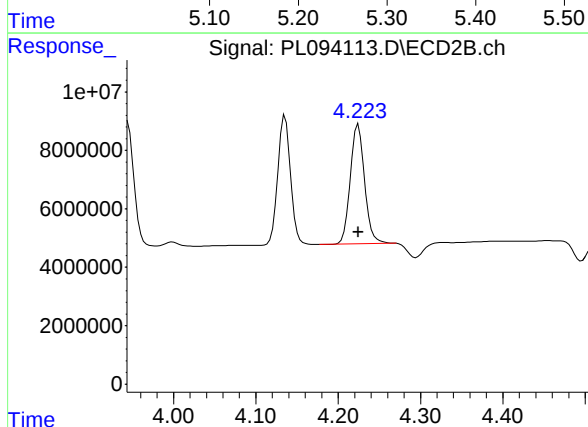
#5 Aldrin

R.T.: 5.260 min
Delta R.T.: 0.005 min
Response: 37948697
Conc: 11.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166620BSD

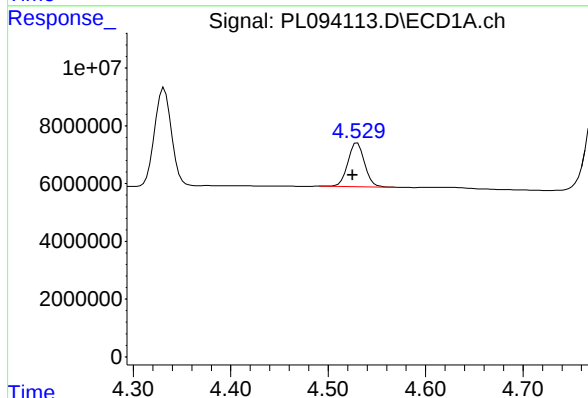
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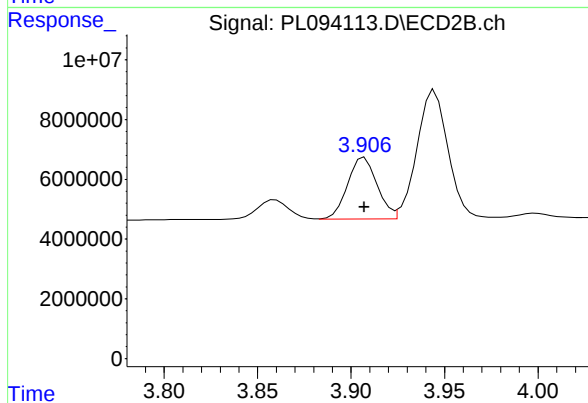
#5 Aldrin

R.T.: 4.224 min
Delta R.T.: 0.000 min
Response: 49226485
Conc: 10.79 ng/ml



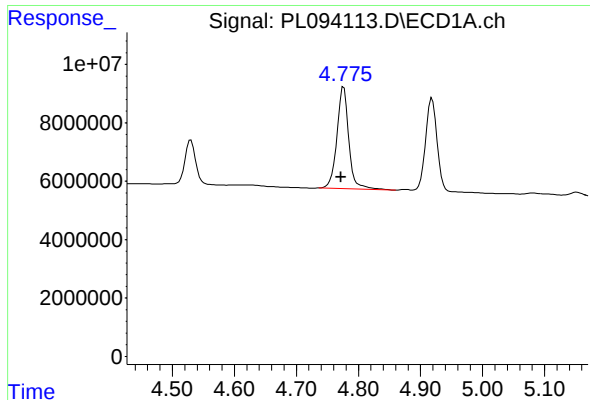
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.005 min
Response: 18042680
Conc: 11.23 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 22701283
Conc: 11.37 ng/ml



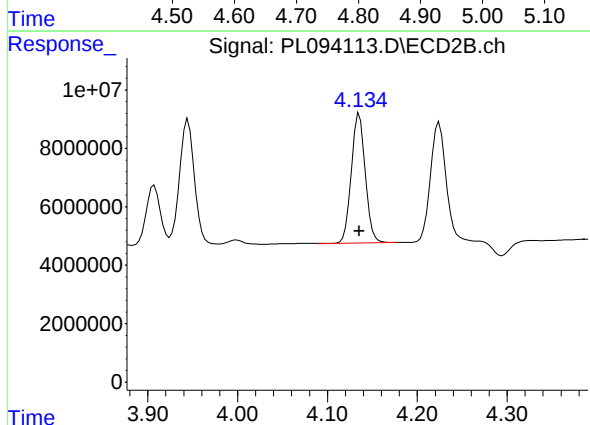
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: 0.004 min
Response: 46730481
Conc: 13.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166620BSD

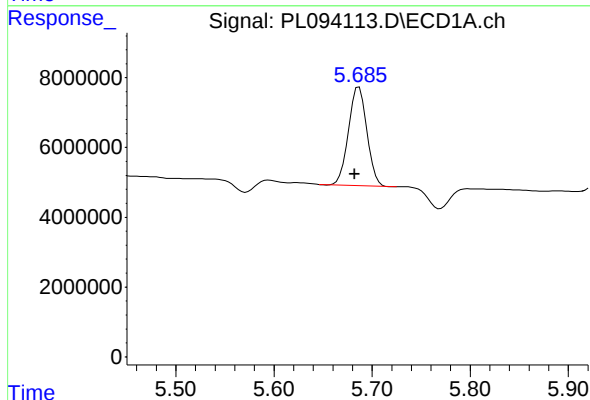
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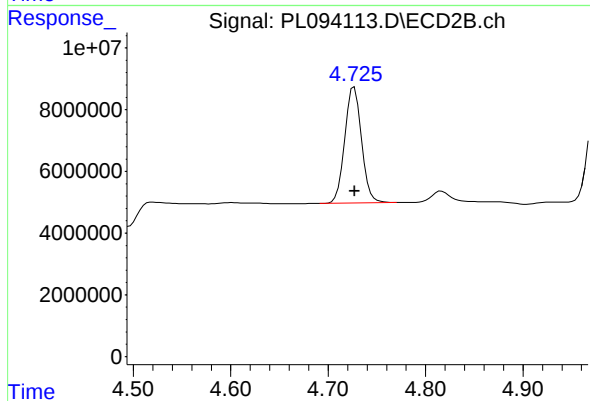
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: 0.000 min
Response: 47676711
Conc: 10.03 ng/ml



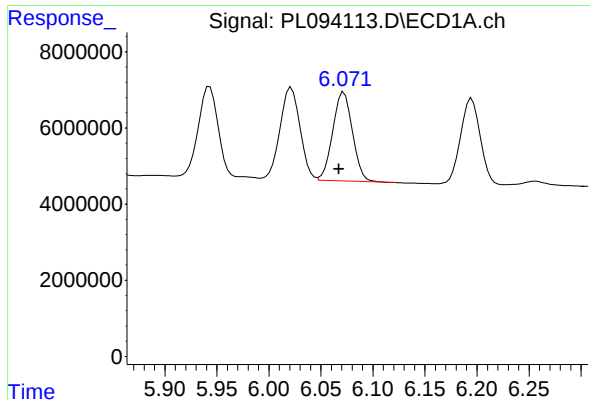
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: 0.004 min
Response: 36701182
Conc: 12.34 ng/ml



#8 Heptachlor epoxide

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 44818948
Conc: 10.72 ng/ml



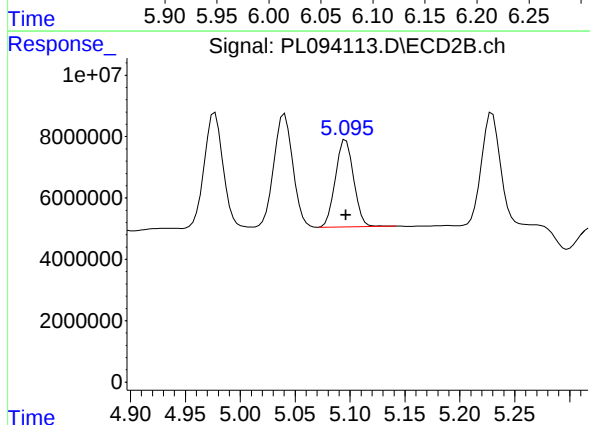
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.005 min
Response: 30708571
Conc: 11.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166620BSD

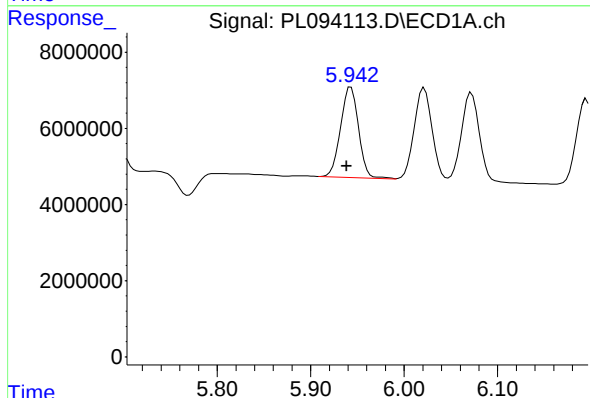
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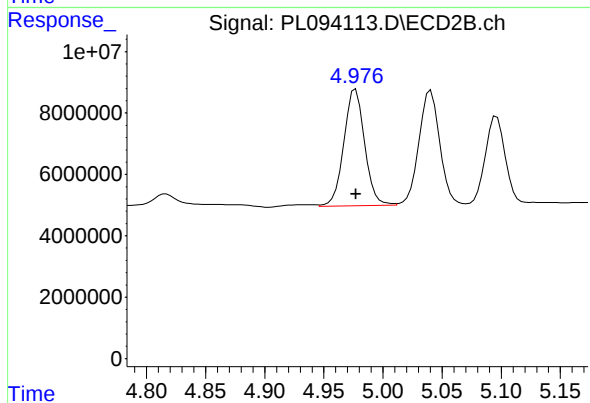
#9 Endosulfan I

R.T.: 5.096 min
Delta R.T.: 0.000 min
Response: 32790452
Conc: 8.46 ng/ml



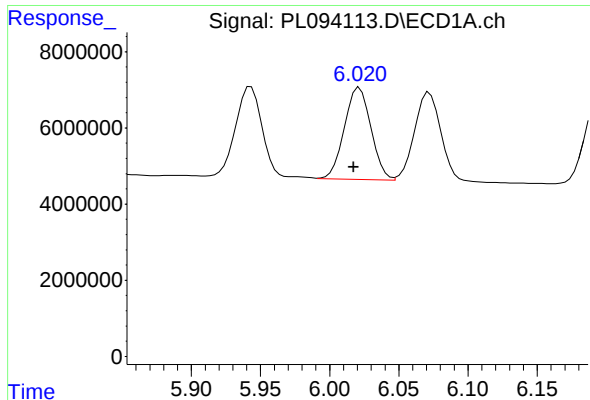
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: 0.005 min
Response: 31848836
Conc: 11.43 ng/ml



#10 gamma-Chlordane

R.T.: 4.977 min
Delta R.T.: 0.000 min
Response: 46450100
Conc: 10.96 ng/ml



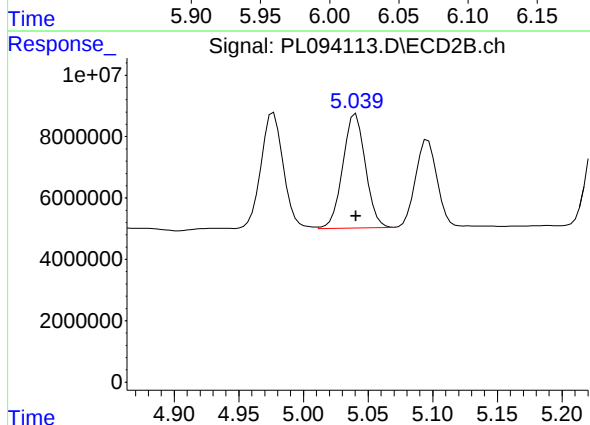
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: 0.004 min
Response: 32317907
Conc: 11.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166620BSD

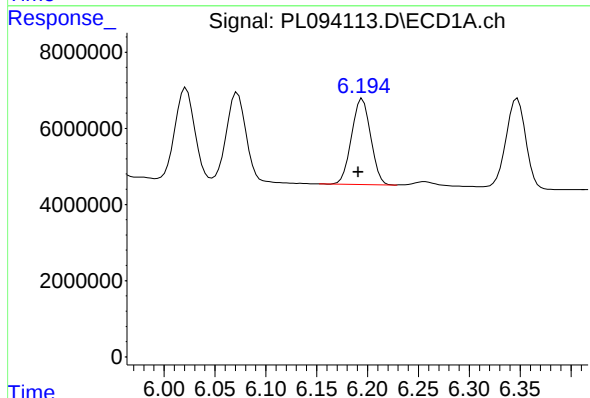
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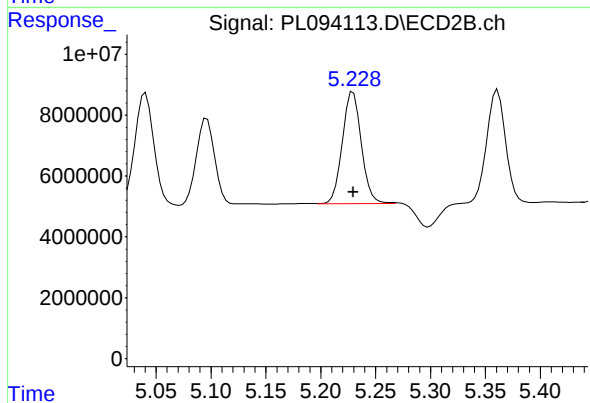
#11 alpha-Chlordane

R.T.: 5.041 min
Delta R.T.: 0.000 min
Response: 45193264
Conc: 10.79 ng/ml



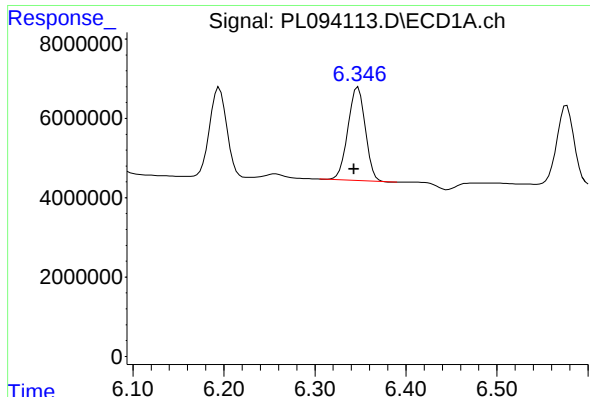
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.004 min
Response: 29455439
Conc: 12.10 ng/ml



#12 4,4'-DDE

R.T.: 5.228 min
Delta R.T.: -0.002 min
Response: 44388176
Conc: 11.07 ng/ml m



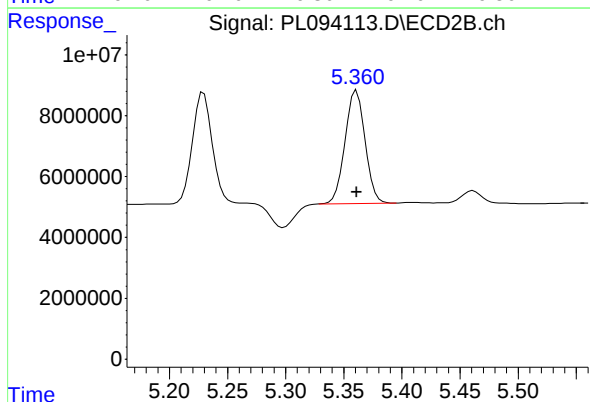
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: 0.005 min
Response: 31367388
Conc: 11.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166620BSD

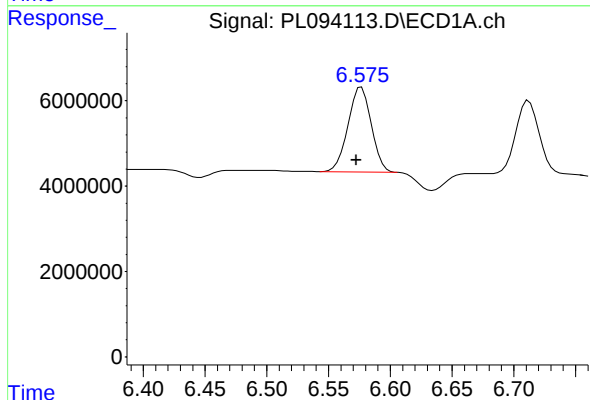
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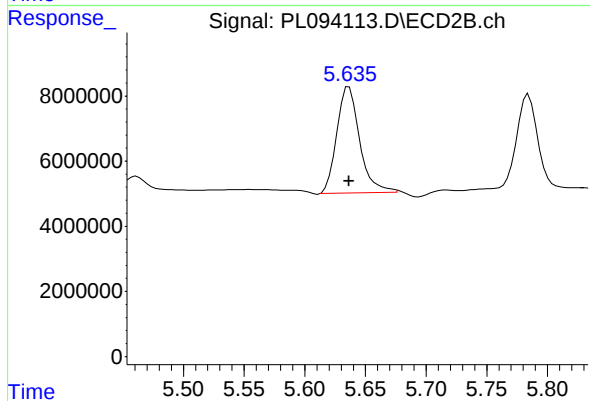
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 44527159
Conc: 10.37 ng/ml



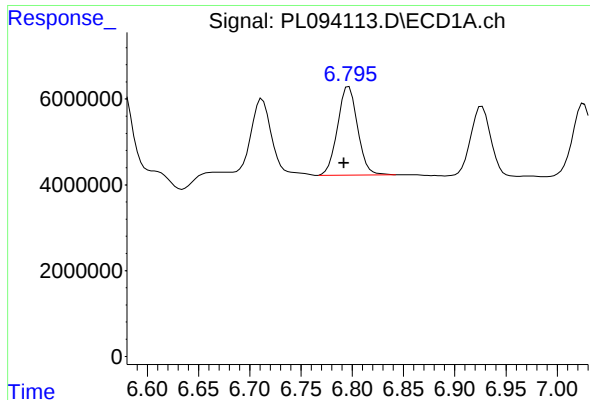
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.003 min
Response: 26206236
Conc: 11.18 ng/ml m



#14 Endrin

R.T.: 5.635 min
Delta R.T.: -0.001 min
Response: 42735712
Conc: 11.57 ng/ml m



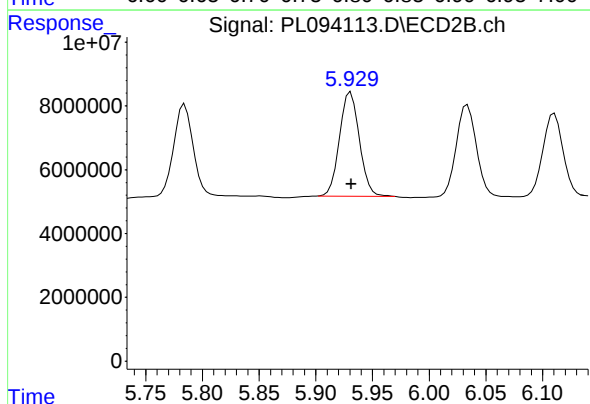
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: 0.005 min
Response: 27858975
Conc: 11.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166620BSD

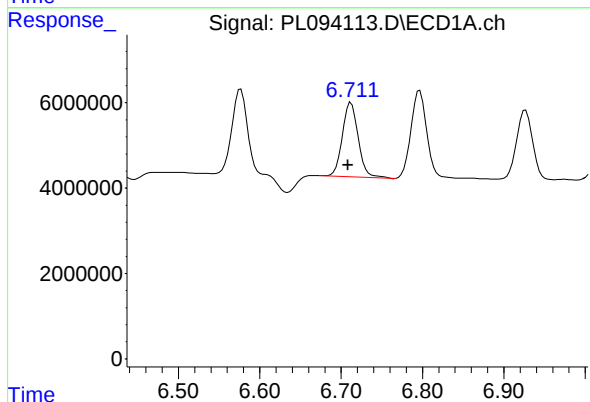
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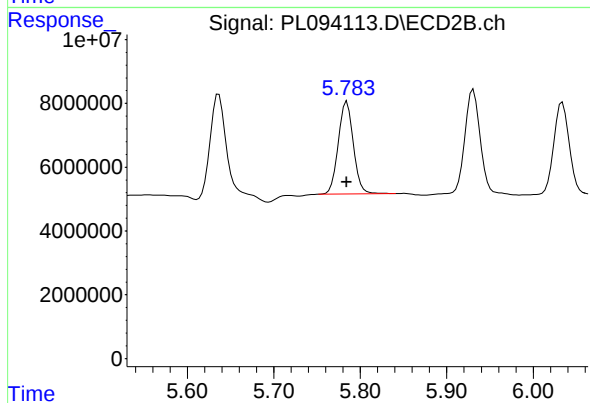
#15 Endosulfan II

R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 39787407
Conc: 10.74 ng/ml



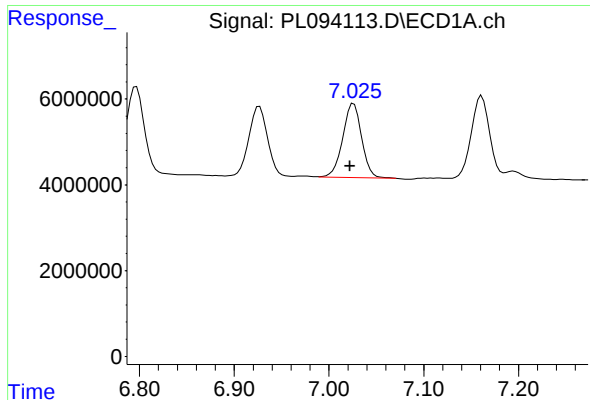
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.004 min
Response: 23635443
Conc: 12.44 ng/ml



#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 34833672
Conc: 11.04 ng/ml



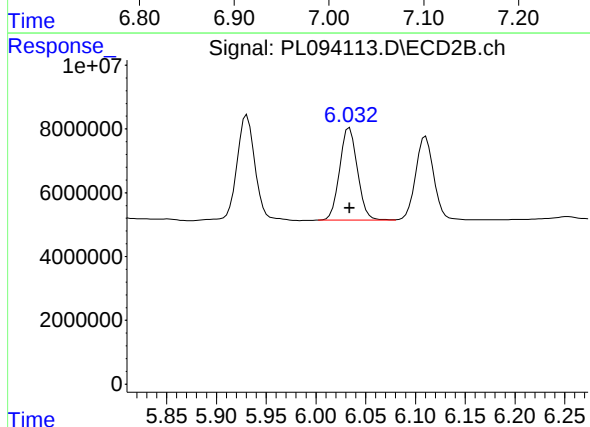
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.004 min
Response: 23935087
Conc: 12.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166620BSD

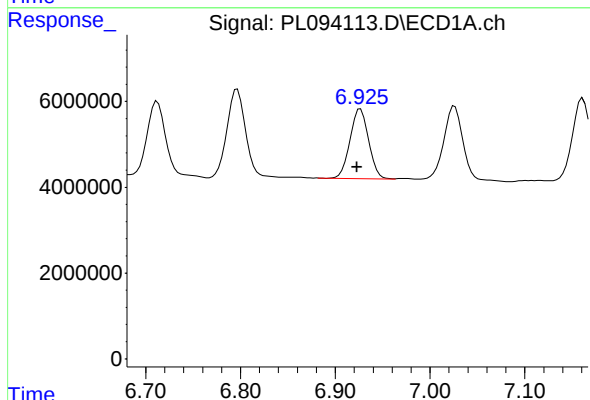
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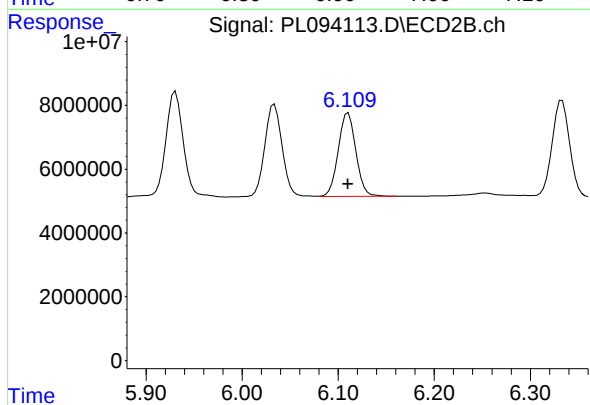
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 36083491
Conc: 11.09 ng/ml



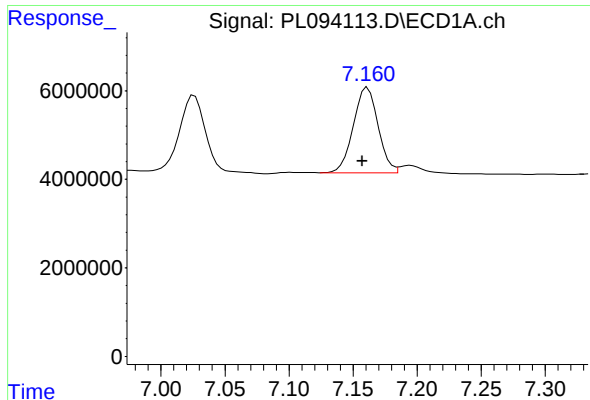
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: 0.004 min
Response: 22237729
Conc: 11.44 ng/ml



#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 32797749
Conc: 10.77 ng/ml



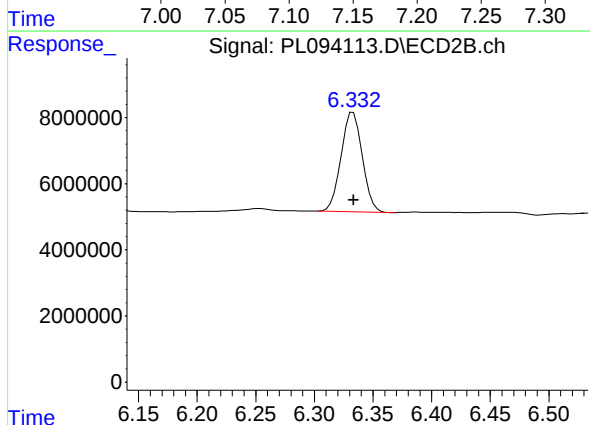
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: 0.003 min
Response: 26094655
Conc: 11.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166620BSD

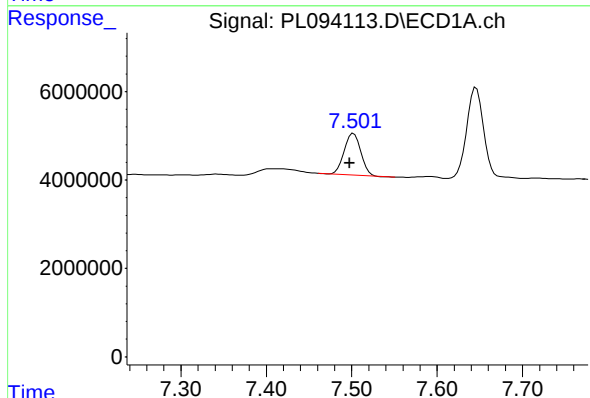
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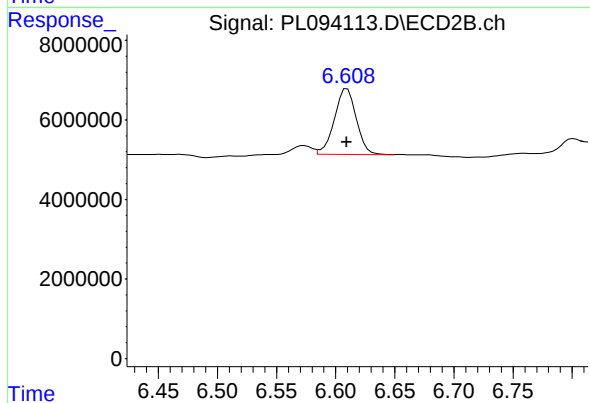
#19 Endosulfan Sulfate

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 37841758
Conc: 10.61 ng/ml



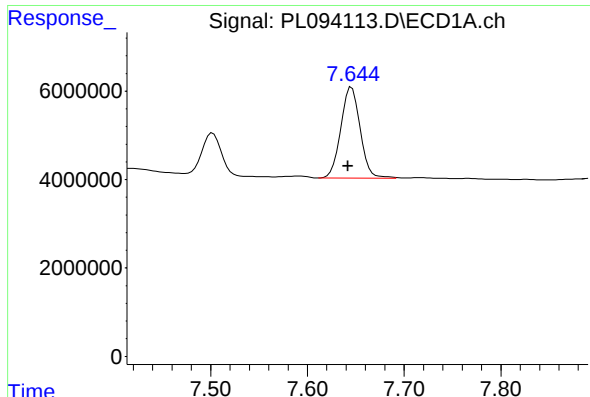
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.004 min
Response: 12569163
Conc: 12.05 ng/ml



#20 Methoxychlor

R.T.: 6.608 min
Delta R.T.: -0.001 min
Response: 21205514
Conc: 11.86 ng/ml m



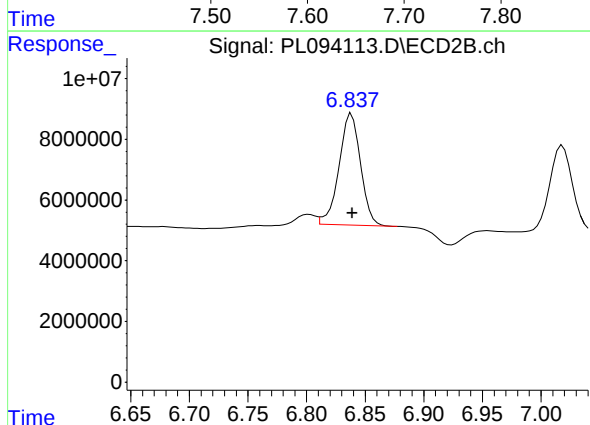
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: 0.004 min
Response: 28709344
Conc: 11.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166620BSD

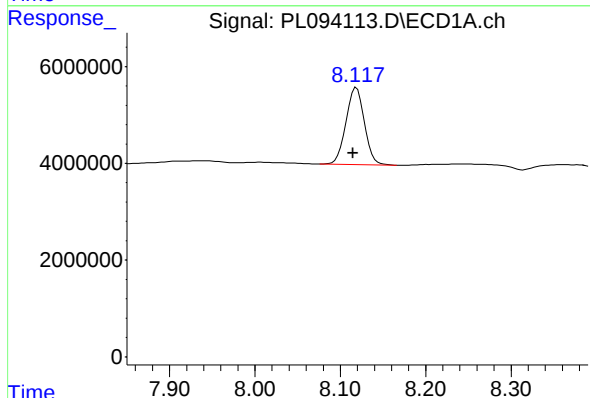
Manual Integrations
APPROVED

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



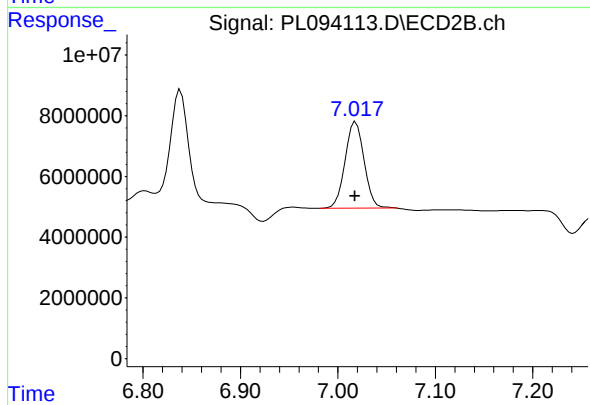
#21 Endrin ketone

R.T.: 6.837 min
Delta R.T.: -0.002 min
Response: 46768732
Conc: 11.15 ng/ml m



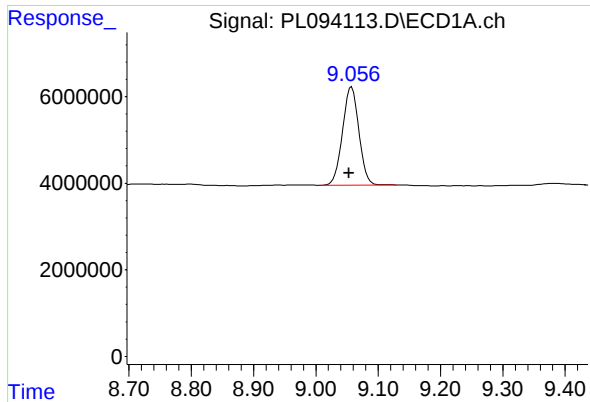
#22 Mirex

R.T.: 8.119 min
Delta R.T.: 0.004 min
Response: 23850716
Conc: 11.45 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 38551033
Conc: 11.40 ng/ml



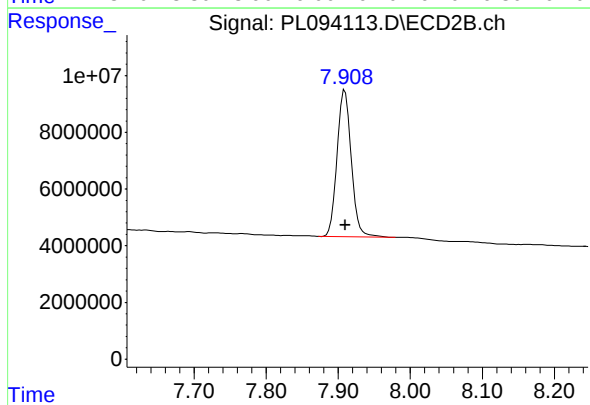
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: 0.004 min
Response: 41331946
Conc: 19.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166620BSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.909 min
Delta R.T.: 0.000 min
Response: 70316221
Conc: 20.07 ng/ml