

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022425\
 Data File : PL094374.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 13:41
 Operator : AR\AJ
 Sample : PB166822BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166822BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/25/2025
 Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 02:29:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 21 14:52:19 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...	3.537	2.772	51738379	62541186	20.377	19.598
28) SA Decachlor...	9.050	7.904	46252863	73361823	21.743	19.077
Target Compounds						
2) A alpha-BHC	3.993	3.274	178.7E6	239.6E6	47.234	48.742
3) MA gamma-BHC...	4.326	3.603	172.1E6	229.8E6	46.590	48.797
4) MA Heptachlor	4.913	3.941	166.5E6	235.9E6	49.110	49.970
5) MB Aldrin	5.254	4.220	159.5E6	223.6E6	46.492	48.401
6) B beta-BHC	4.524	3.904	78166406	101.5E6	48.949	51.040
7) B delta-BHC	4.769	4.132	167.2E6	226.6E6	47.253m	47.855
8) B Heptachlo...	5.681	4.723	146.0E6	213.7E6	48.439	50.223
9) A Endosulfan I	6.066	5.092	133.4E6	204.7E6	48.521	51.358
10) B gamma-Chl...	5.937	4.972	143.3E6	223.8E6	48.812	51.579
11) B alpha-Chl...	6.016	5.036	142.3E6	220.3E6	49.112	51.023
12) B 4,4'-DDE	6.190	5.225	134.1E6	219.6E6	51.342	52.281
13) MA Dieldrin	6.342	5.356	139.0E6	225.4E6	48.785	51.447
14) MA Endrin	6.570	5.632	111.2E6	192.9E6	43.576m	56.651 #
15) B Endosulfa...	6.791	5.926	120.6E6	202.5E6	47.927	54.152
16) A 4,4'-DDD	6.707	5.780	103.0E6	181.2E6	55.707	56.880
17) MA 4,4'-DDT	7.020	6.029	109.6E6	187.7E6	52.179	52.756
18) B Endrin al...	6.921	6.106	93980027	157.8E6	48.274	49.936
19) B Endosulfa...	7.155	6.329	110.0E6	192.6E6	48.586	52.134
20) A Methoxychlor	7.497	6.604	55022954	96848209	49.524	49.640
21) B Endrin ke...	7.640	6.834	125.5E6	226.7E6	50.042	53.134
22) Mirex	8.113	7.013	91840845	167.5E6	44.512	48.036

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022425\
Data File : PL094374.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 13:41
Operator : AR\AJ
Sample : PB166822BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

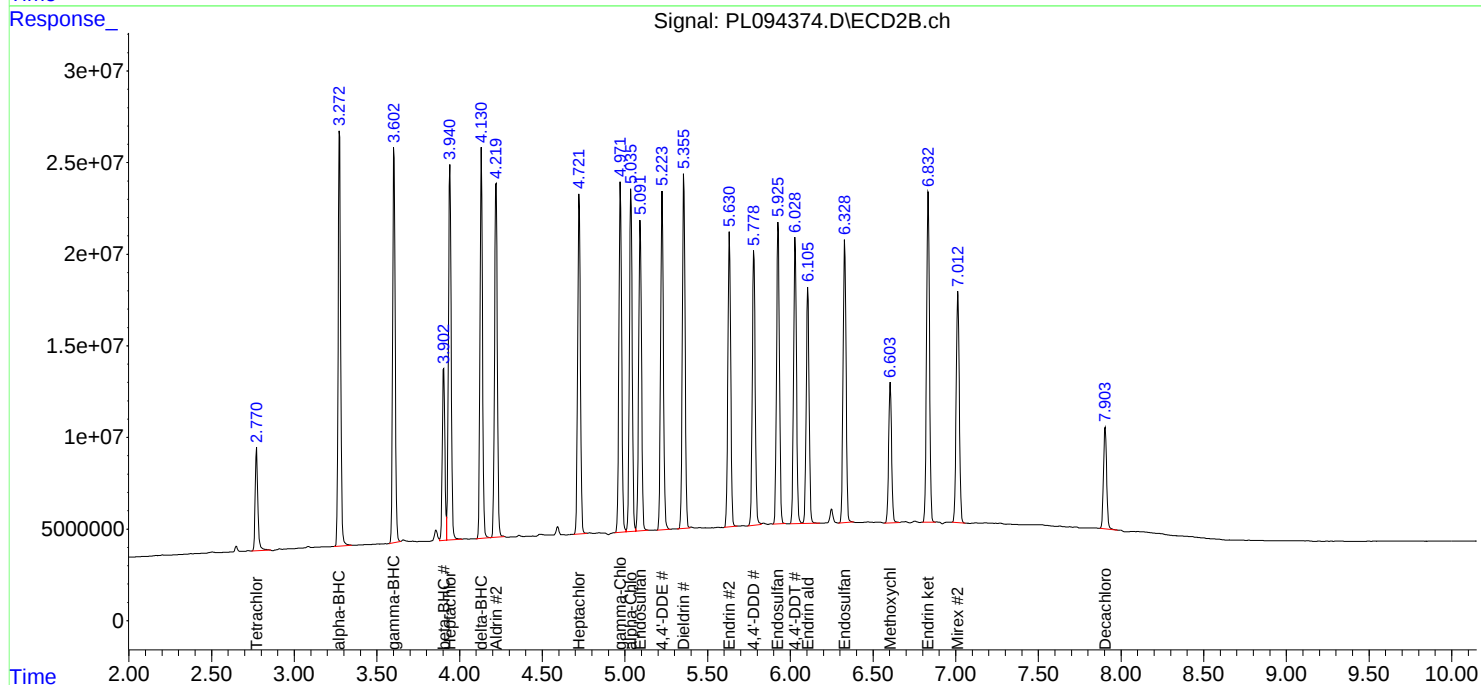
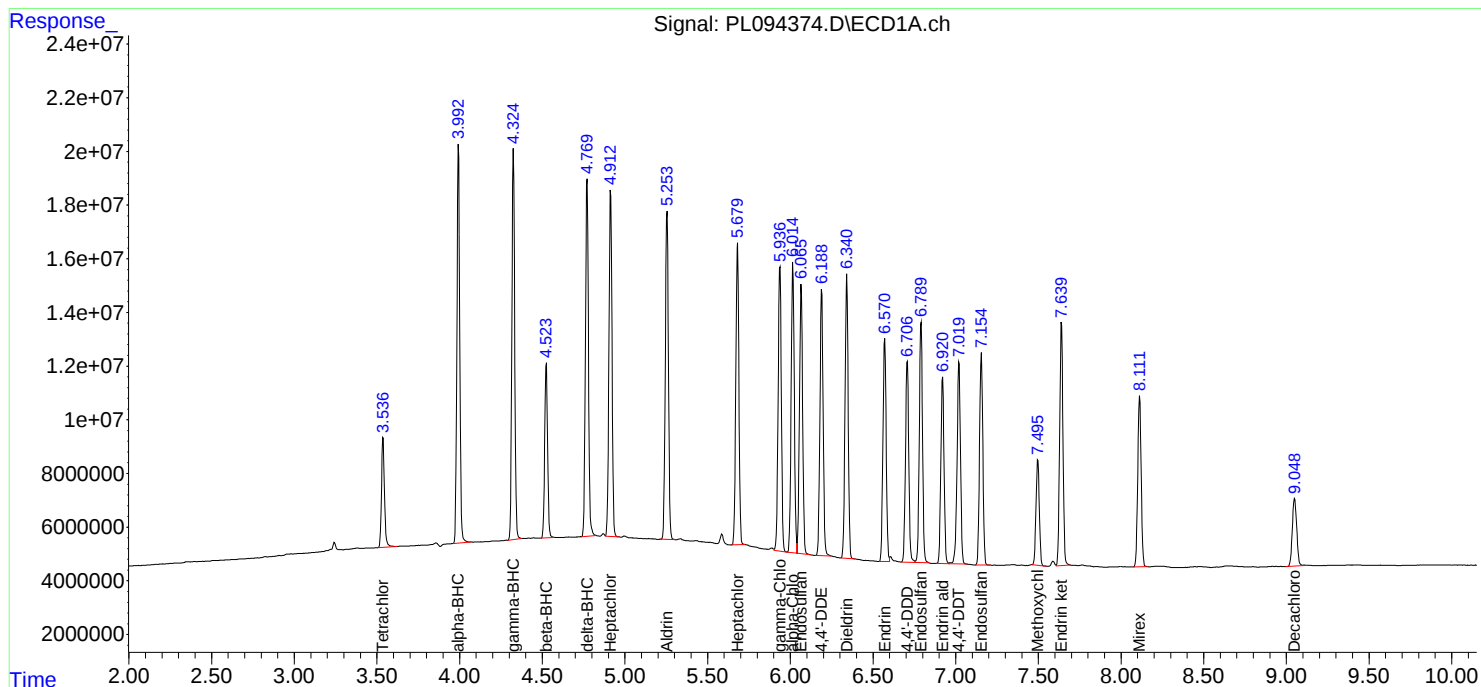
Instrument :
ECD_L
ClientSampleId :
PB166822BS

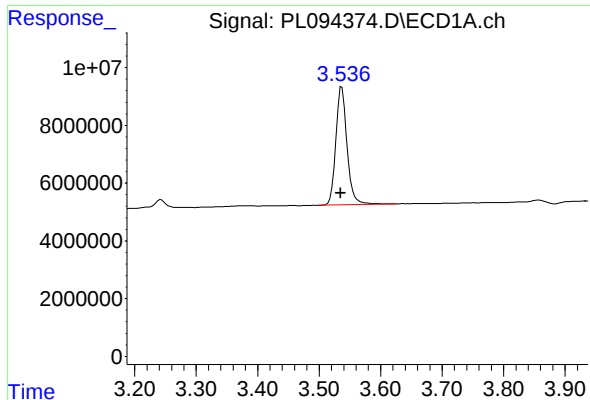
Manual Integrations
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Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 02:29:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
Quant Title : GC Extractables
QLast Update : Fri Feb 21 14:52:19 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





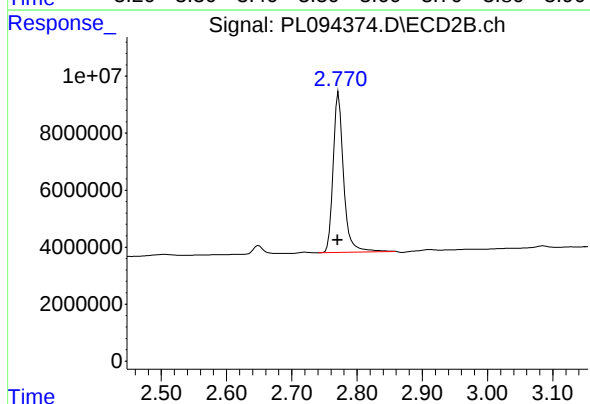
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.002 min
Response: 51738379
Conc: 20.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166822BS

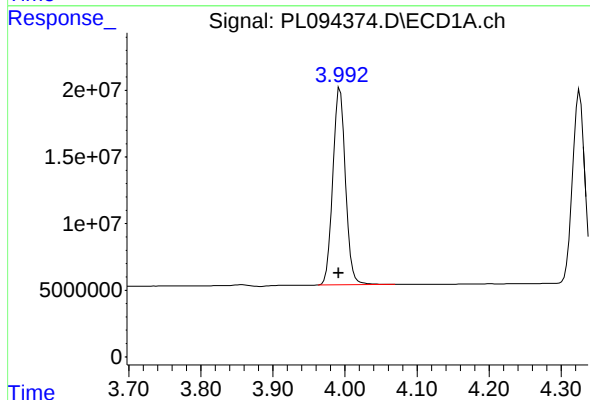
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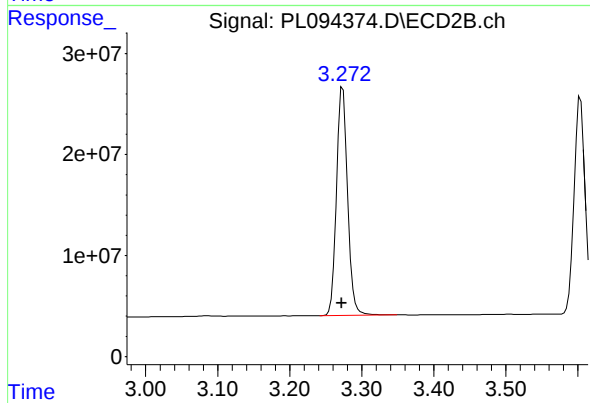
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.002 min
Response: 62541186
Conc: 19.60 ng/ml



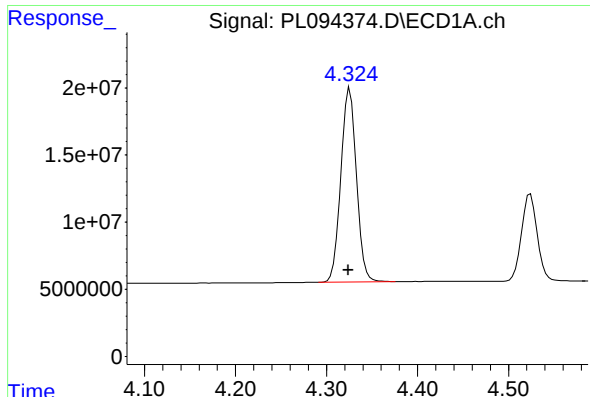
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.002 min
Response: 178668960
Conc: 47.23 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: 0.001 min
Response: 239554745
Conc: 48.74 ng/ml



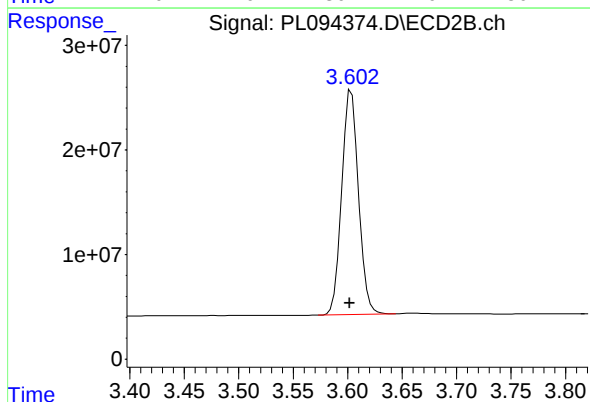
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.002 min
Response: 172136271
Conc: 46.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166822BS

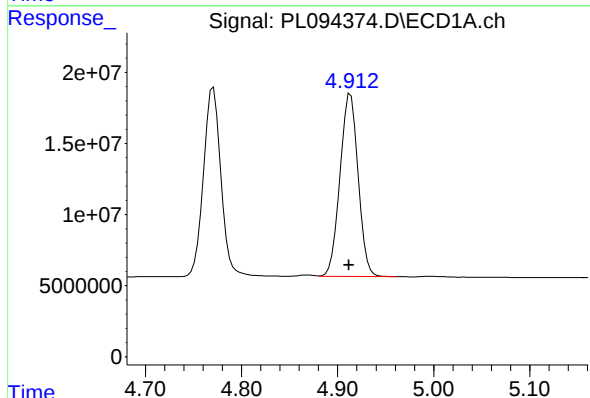
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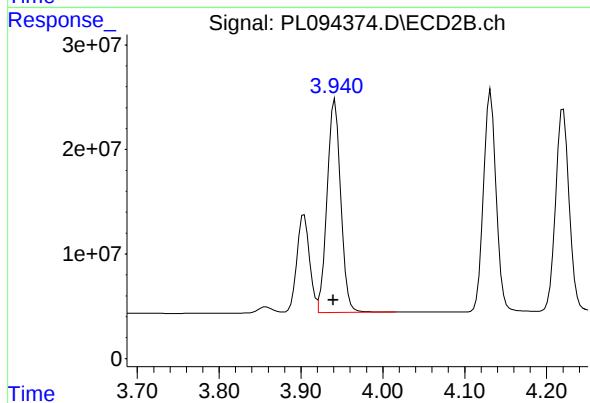
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: 0.001 min
Response: 229831043
Conc: 48.80 ng/ml



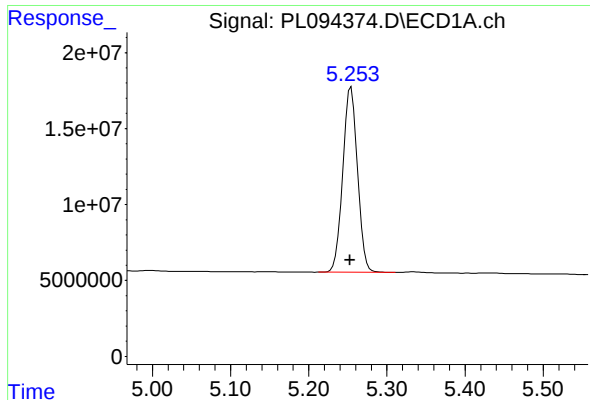
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: 0.002 min
Response: 166498757
Conc: 49.11 ng/ml



#4 Heptachlor

R.T.: 3.941 min
Delta R.T.: 0.002 min
Response: 235876044
Conc: 49.97 ng/ml



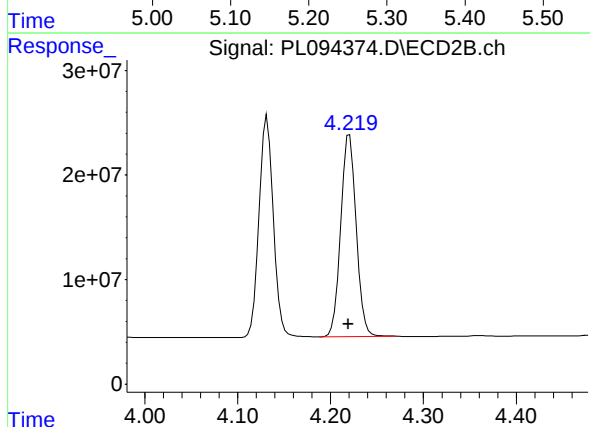
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: 0.001 min
Response: 159547974
Conc: 46.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166822BS

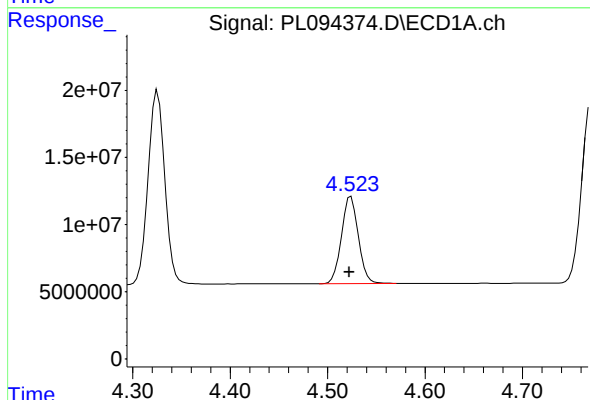
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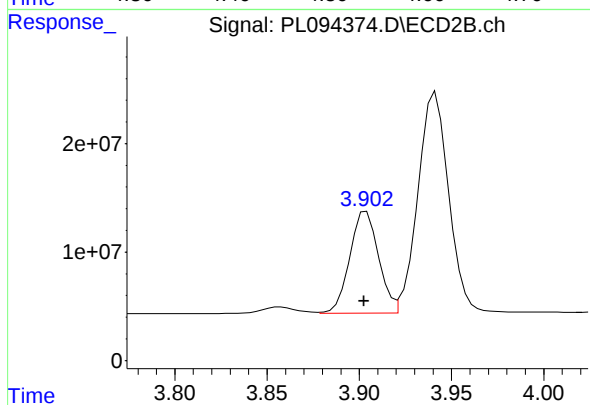
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: 0.002 min
Response: 223630869
Conc: 48.40 ng/ml



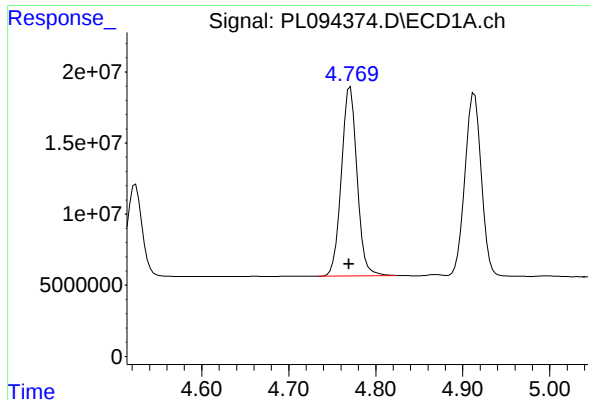
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.002 min
Response: 78166406
Conc: 48.95 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: 0.001 min
Response: 101514200
Conc: 51.04 ng/ml



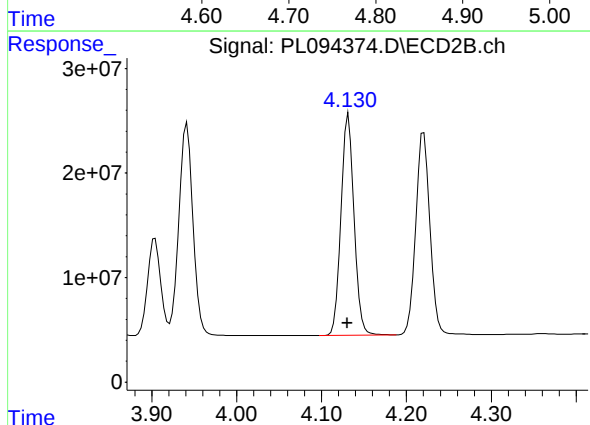
#7 delta-BHC

R.T.: 4.769 min
Delta R.T.: 0.000 min
Response: 167194289
Conc: 47.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166822BS

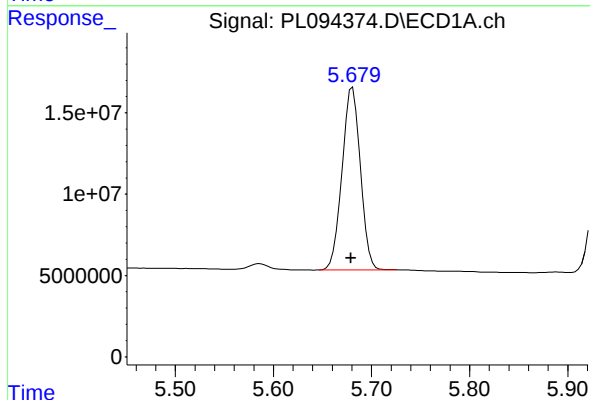
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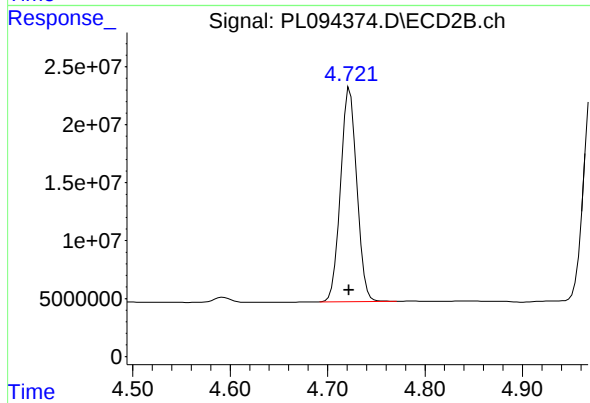
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: 0.001 min
Response: 226628694
Conc: 47.86 ng/ml



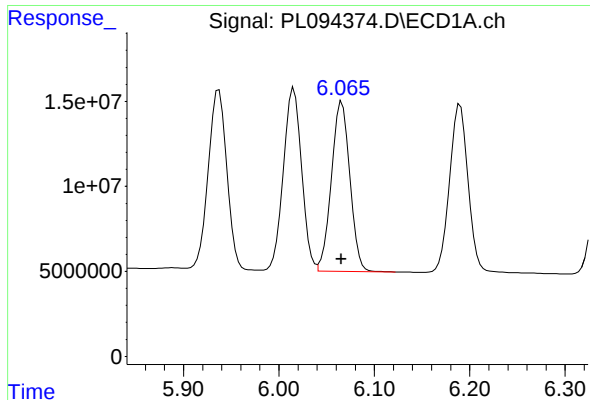
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: 0.002 min
Response: 145964831
Conc: 48.44 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 213716100
Conc: 50.22 ng/ml



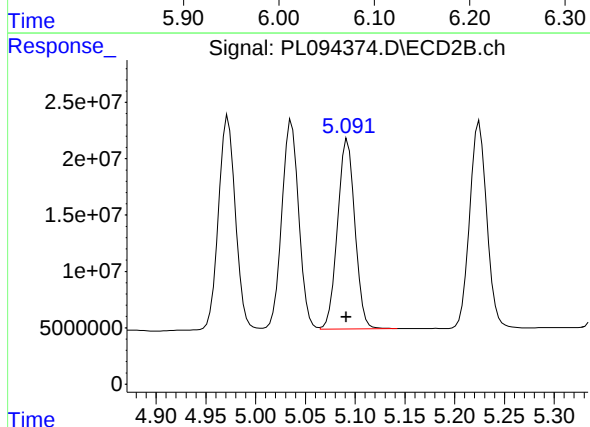
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: 0.000 min
Response: 133366241
Conc: 48.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166822BS

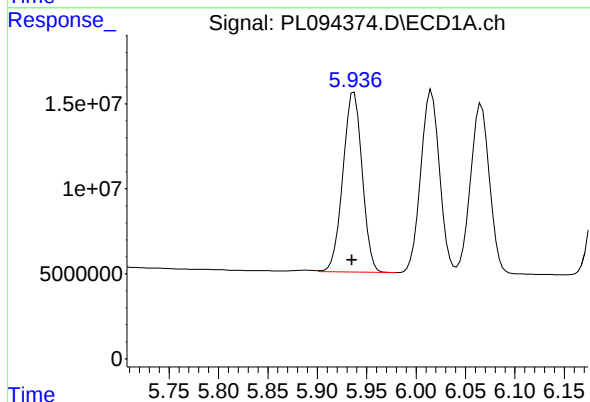
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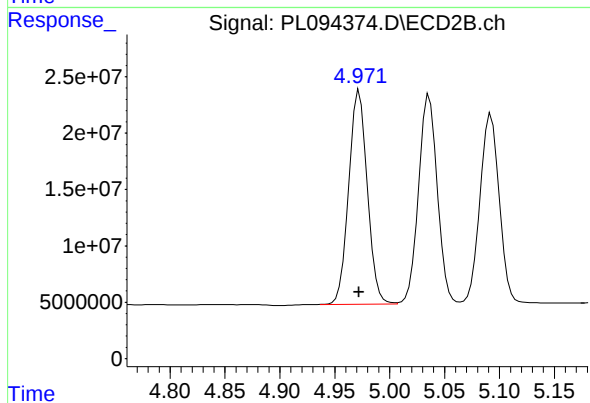
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: 0.001 min
Response: 204744310
Conc: 51.36 ng/ml



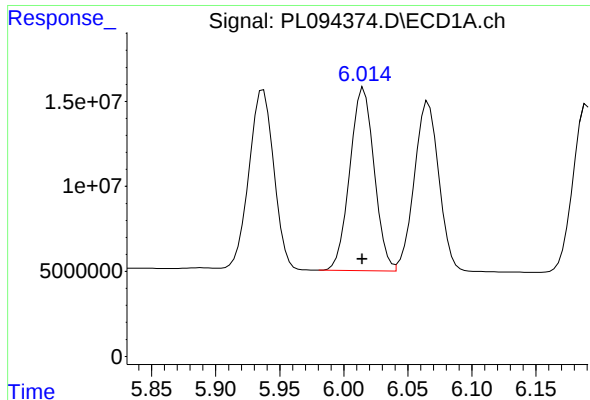
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: 0.002 min
Response: 143318016
Conc: 48.81 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 223791546
Conc: 51.58 ng/ml



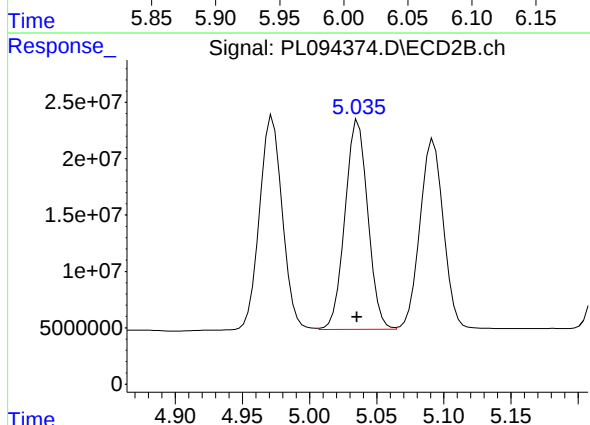
#11 alpha-Chlordane

R.T.: 6.016 min
Delta R.T.: 0.001 min
Response: 142280501
Conc: 49.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166822BS

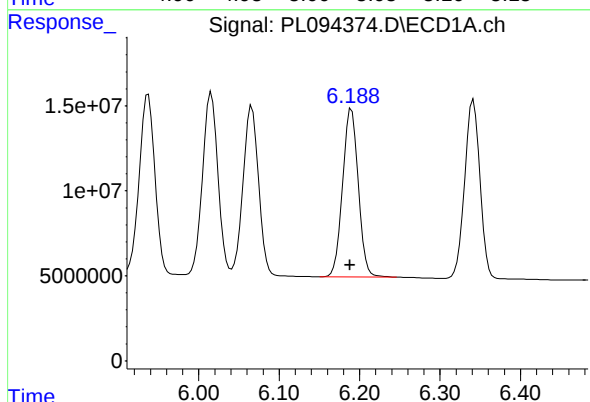
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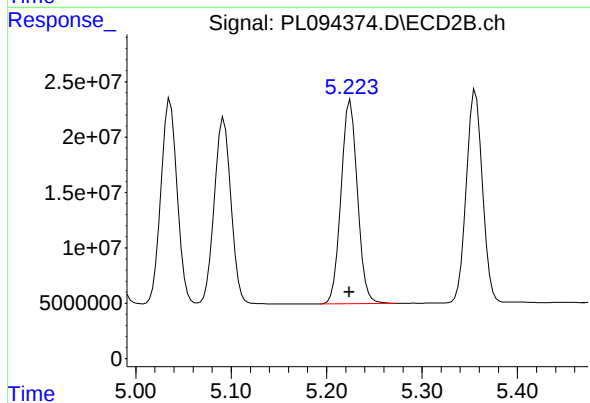
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 220298816
Conc: 51.02 ng/ml



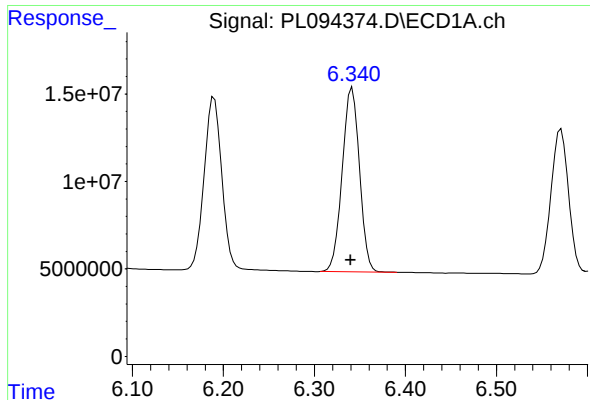
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.002 min
Response: 134091666
Conc: 51.34 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: 0.000 min
Response: 219579103
Conc: 52.28 ng/ml



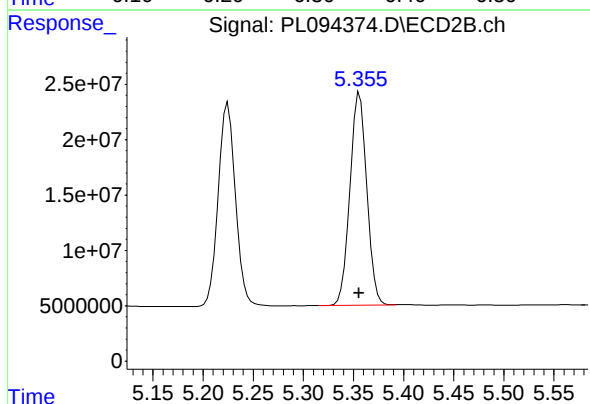
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: 0.002 min
Response: 138990457
Conc: 48.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166822BS

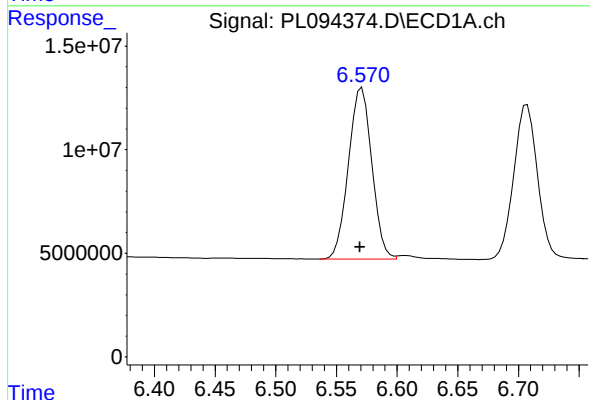
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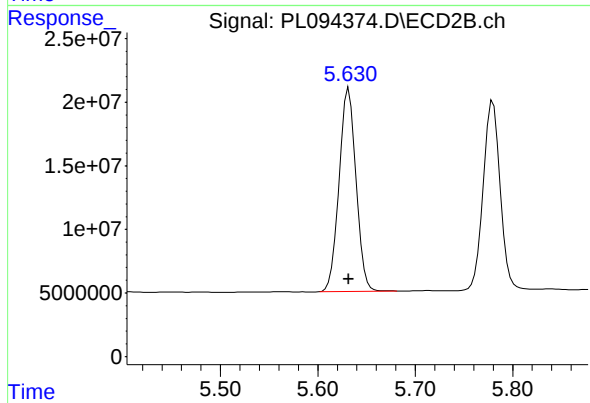
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: 0.000 min
Response: 225429920
Conc: 51.45 ng/ml



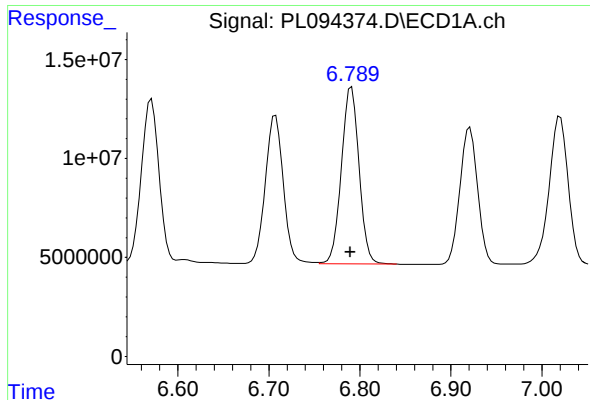
#14 Endrin

R.T.: 6.570 min
Delta R.T.: 0.000 min
Response: 111218578
Conc: 43.58 ng/ml m



#14 Endrin

R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 192879603
Conc: 56.65 ng/ml



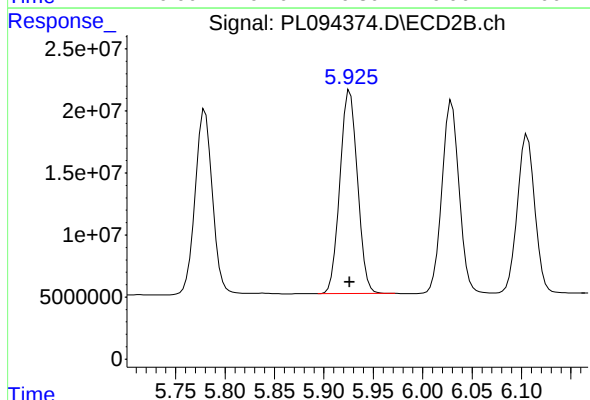
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: 0.001 min
Response: 120644679
Conc: 47.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166822BS

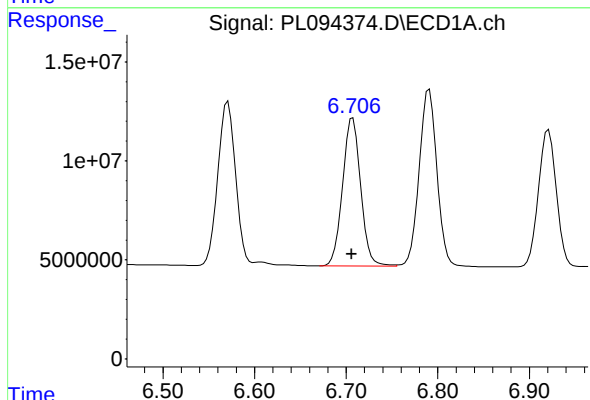
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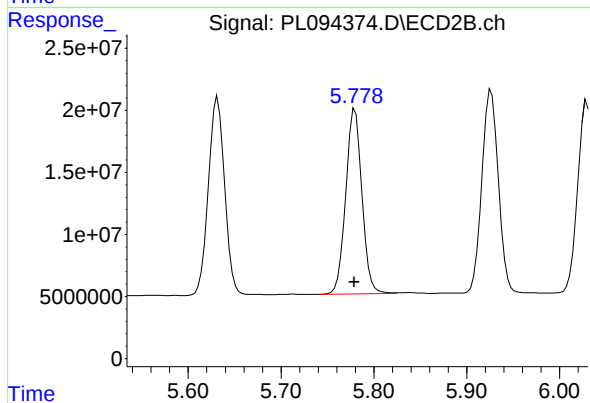
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 202504332
Conc: 54.15 ng/ml



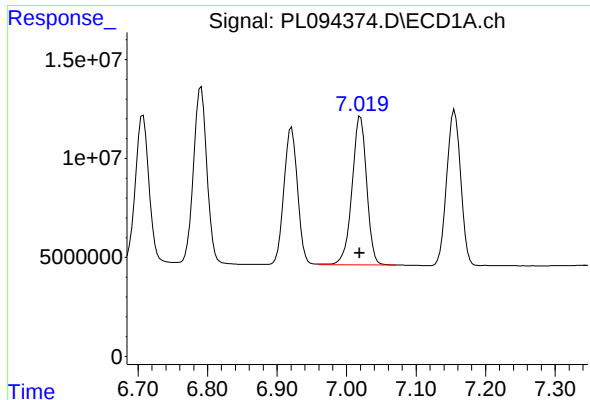
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.001 min
Response: 103043860
Conc: 55.71 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 181182234
Conc: 56.88 ng/ml



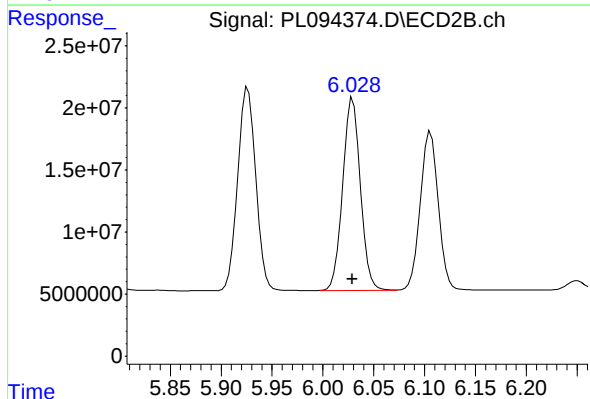
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: 0.001 min
Response: 109578094
Conc: 52.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166822BS

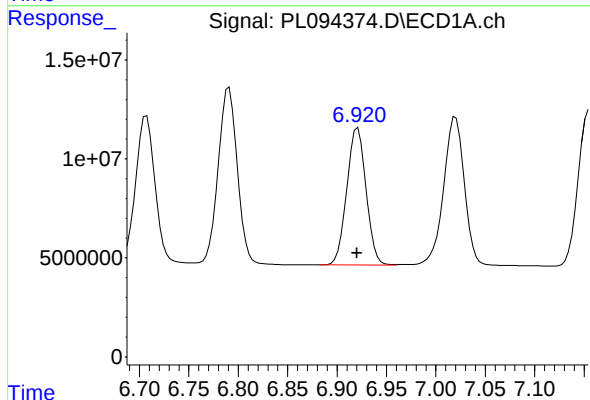
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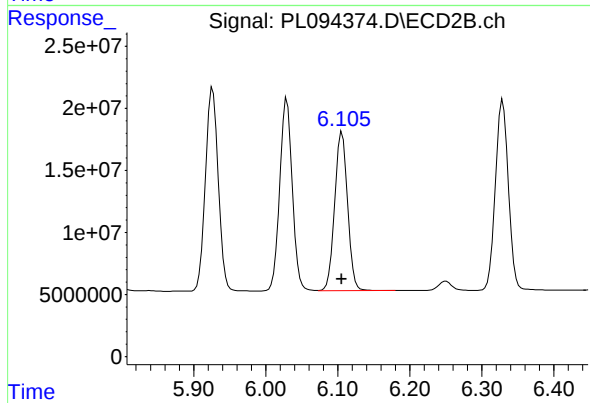
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 187654288
Conc: 52.76 ng/ml



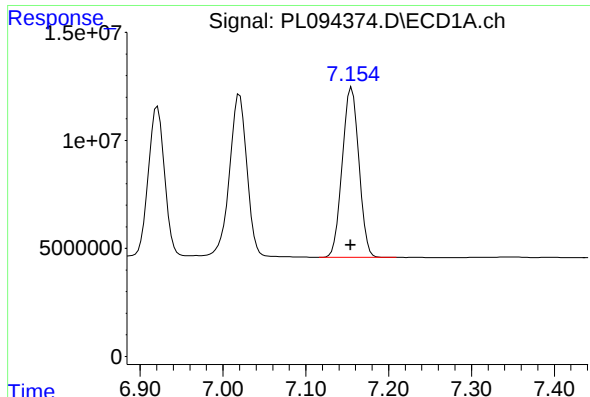
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: 0.000 min
Response: 93980027
Conc: 48.27 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: 0.000 min
Response: 157819077
Conc: 49.94 ng/ml



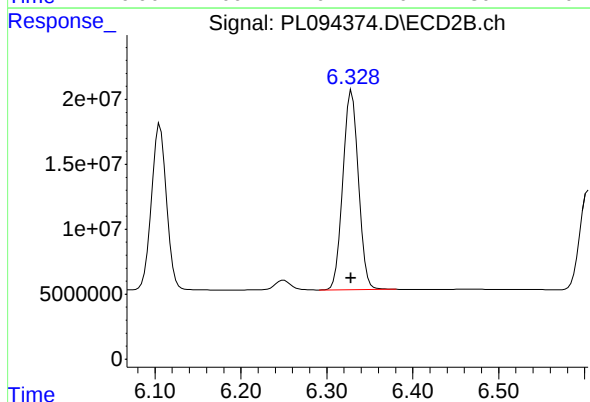
#19 Endosulfan Sulfate

R.T.: 7.155 min
Delta R.T.: 0.000 min
Response: 109989909
Conc: 48.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166822BS

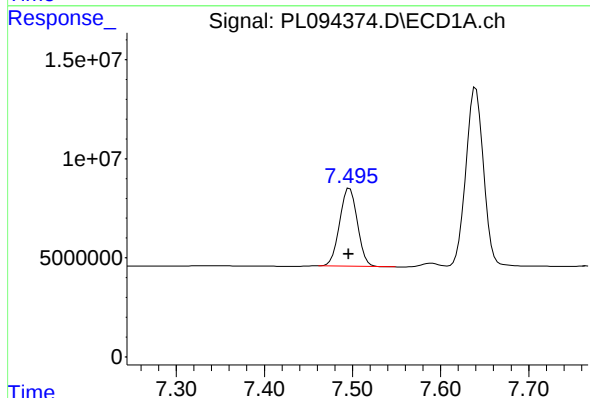
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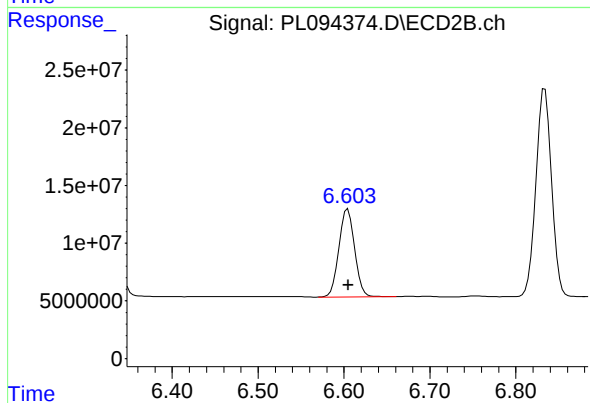
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: 0.000 min
Response: 192566104
Conc: 52.13 ng/ml



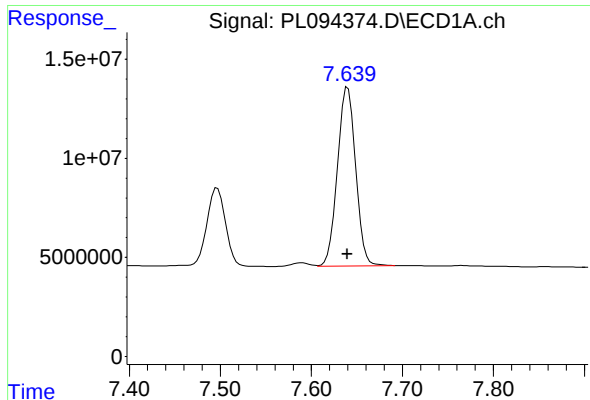
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: 0.001 min
Response: 55022954
Conc: 49.52 ng/ml



#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: 0.000 min
Response: 96848209
Conc: 49.64 ng/ml



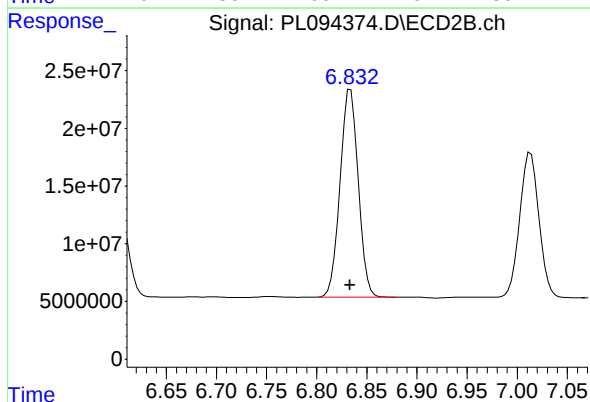
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 125450261
Conc: 50.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166822BS

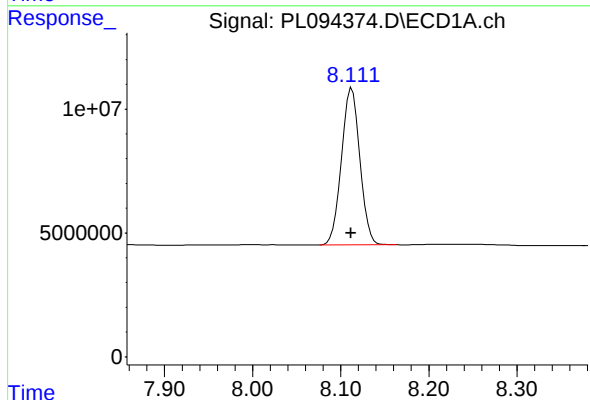
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025



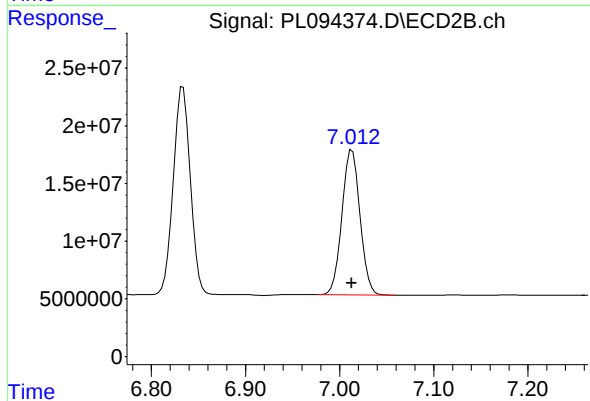
#21 Endrin ketone

R.T.: 6.834 min
Delta R.T.: 0.000 min
Response: 226749778
Conc: 53.13 ng/ml



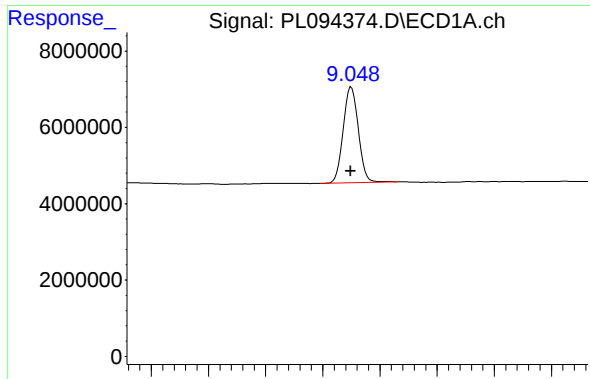
#22 Mirex

R.T.: 8.113 min
Delta R.T.: 0.001 min
Response: 91840845
Conc: 44.51 ng/ml



#22 Mirex

R.T.: 7.013 min
Delta R.T.: 0.000 min
Response: 167504794
Conc: 48.04 ng/ml



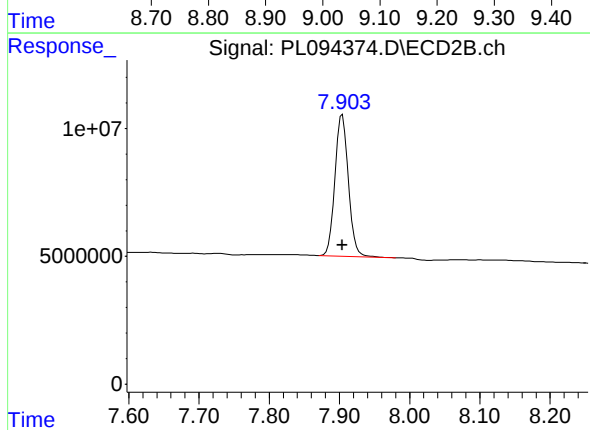
#28 Decachlorobiphenyl

R.T.: 9.050 min
Delta R.T.: 0.000 min
Response: 46252863
Conc: 21.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166822BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: 0.000 min
Response: 73361823
Conc: 19.08 ng/ml