

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032725\
 Data File : PL094902.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Mar 2025 12:06
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations**APPROVED**

Reviewed By :Abdul Mirza 03/28/2025

Supervised By :mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 27 12:44:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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...	3.536	2.769	136.9E6	195.1E6	48.380	54.668
28)	SA Decachlor...	9.049	7.900	109.2E6	208.9E6	51.793	51.725
Target Compounds							
2)	A alpha-BHC	3.992	3.271	200.3E6	299.6E6	48.233	55.575
3)	MA gamma-BHC...	4.324	3.601	192.4E6	283.4E6	48.227	55.136
4)	MA Heptachlor	4.912	3.938	181.4E6	280.6E6	46.730	53.260
5)	MB Aldrin	5.253	4.217	171.7E6	263.8E6	46.507	54.092
6)	B beta-BHC	4.523	3.901	88498015	123.4E6	47.961	55.543
7)	B delta-BHC	4.770	4.129	192.1E6	283.0E6	49.337	56.586
8)	B Heptachlo...	5.679	4.719	158.7E6	245.3E6	47.432	53.579
9)	A Endosulfan I	6.065	5.089	146.6E6	206.9E6	47.761	47.153
10)	B gamma-Chl...	5.936	4.969	159.9E6	260.1E6	47.464	53.877
11)	B alpha-Chl...	6.015	5.033	157.5E6	255.5E6	47.786	53.542
12)	B 4,4'-DDE	6.188	5.220	152.8E6	260.6E6	51.949	56.056m
13)	MA Dieldrin	6.340	5.352	151.9E6	260.3E6	47.495	53.658m
14)	MA Endrin	6.568	5.628	128.0E6	236.5E6	46.160m	54.207
15)	B Endosulfa...	6.790	5.923	127.8E6	230.9E6	47.064	53.346
16)	A 4,4'-DDD	6.705	5.776	115.8E6	211.4E6	53.462	58.795
17)	MA 4,4'-DDT	7.020	6.026	118.8E6	226.3E6	49.944	56.125
18)	B Endrin al...	6.920	6.103	98739020	173.0E6	46.774	51.396
19)	B Endosulfa...	7.155	6.326	117.0E6	220.1E6	48.120	54.044
20)	A Methoxychlor	7.496	6.601	63442733	118.0E6	52.998	55.629
21)	B Endrin ke...	7.640	6.829	129.7E6	251.4E6	49.061	52.667m
22)	Mirex	8.112	7.009	96984541	188.8E6	46.937	49.754

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032725\
Data File : PL094902.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 12:06
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

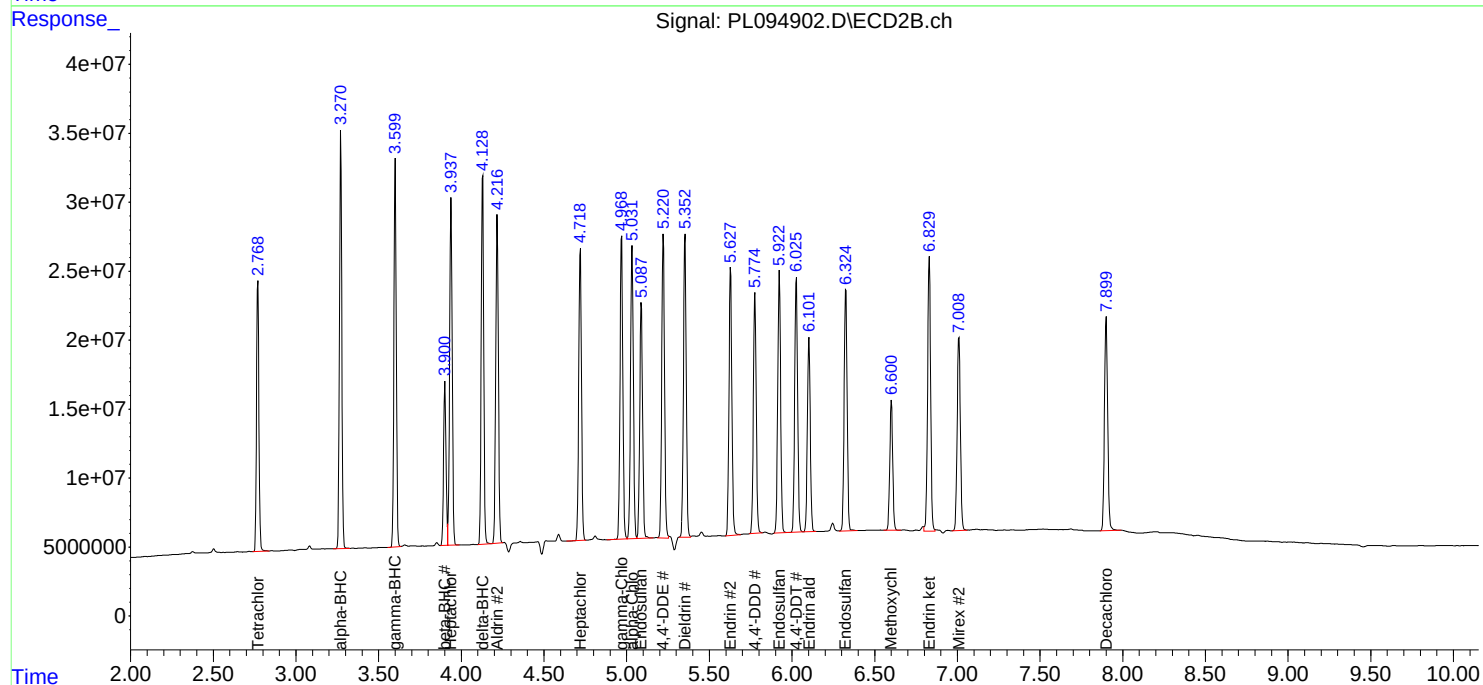
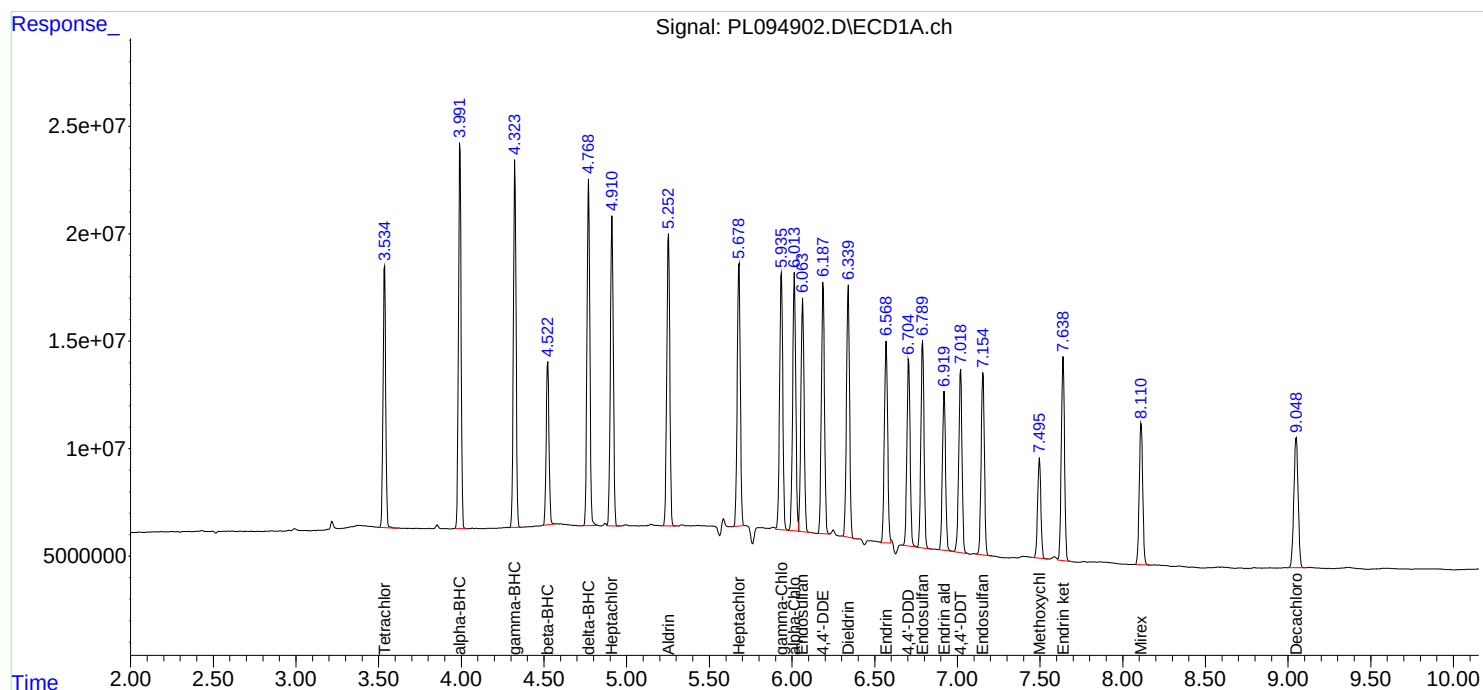
APPROVED

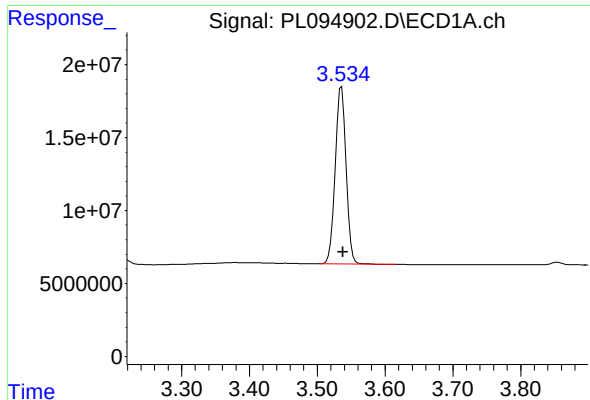
Reviewed By :Abdul Mirza 03/28/2025

Supervised By :mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 12:44:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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





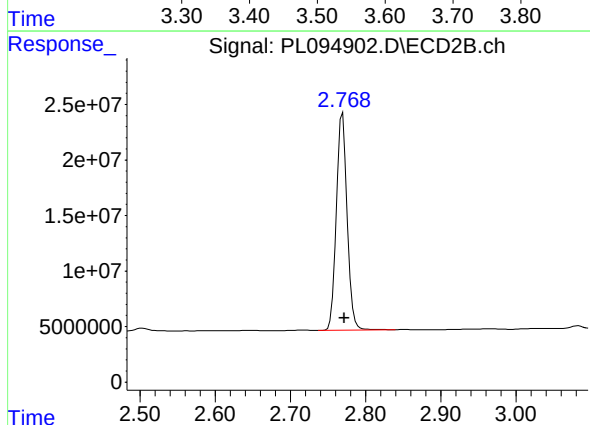
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.002 min
Response: 136946582
Conc: 48.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

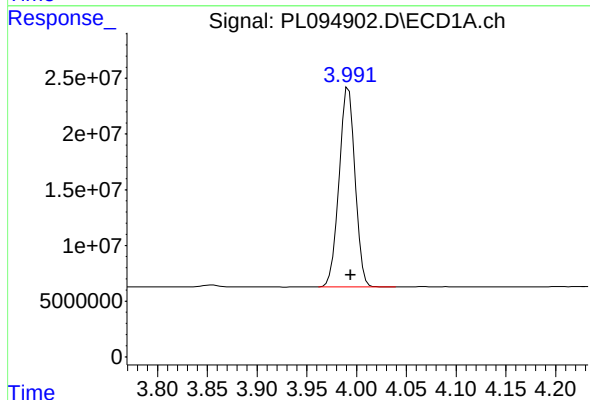
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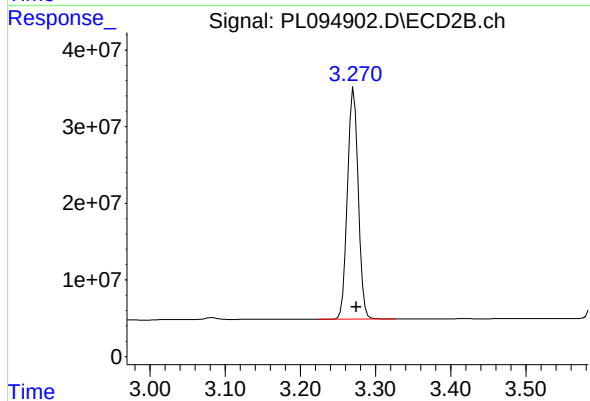
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 195125910
Conc: 54.67 ng/ml



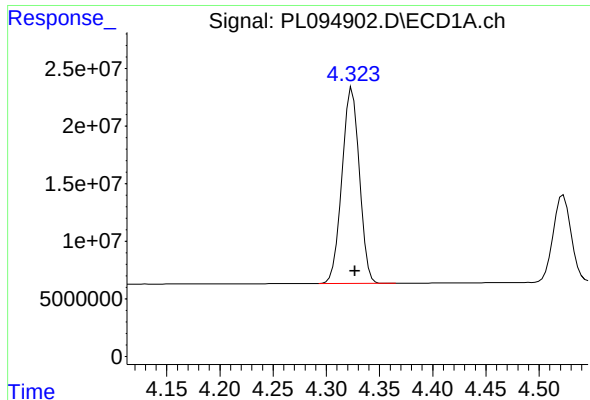
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.002 min
Response: 200279122
Conc: 48.23 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.003 min
Response: 299625562
Conc: 55.58 ng/ml



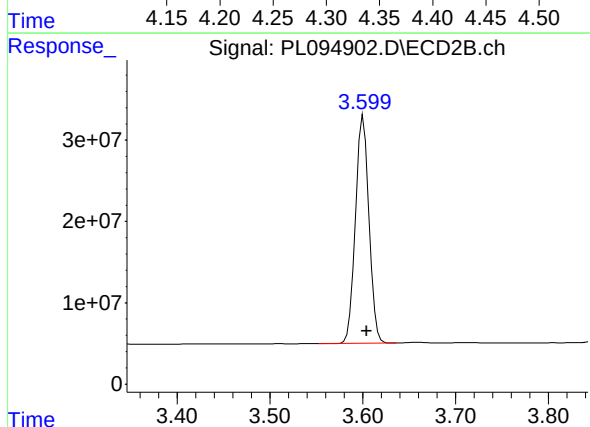
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 192437532
Conc: 48.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

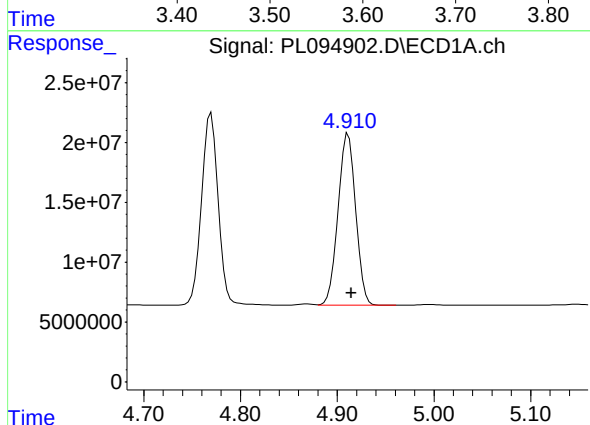
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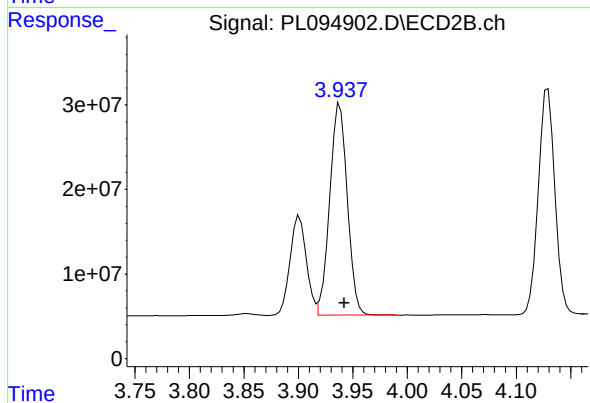
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.004 min
Response: 283368044
Conc: 55.14 ng/ml



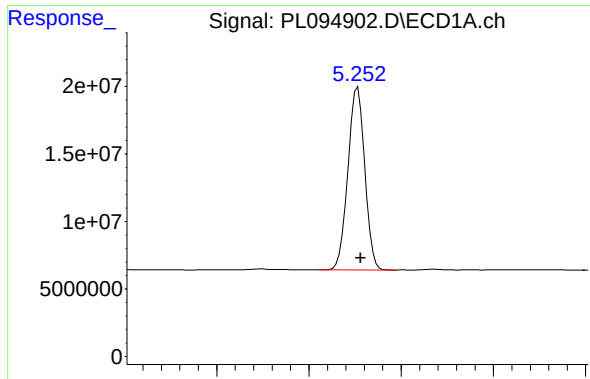
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.003 min
Response: 181386842
Conc: 46.73 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: -0.004 min
Response: 280607084
Conc: 53.26 ng/ml



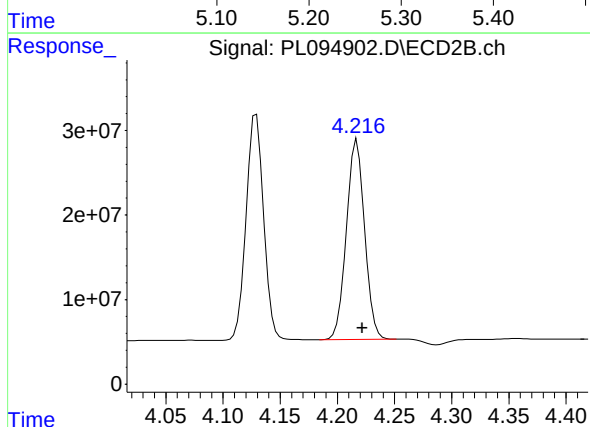
#5 Aldrin

R.T.: 5.253 min
Delta R.T.: -0.003 min
Response: 171714678
Conc: 46.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

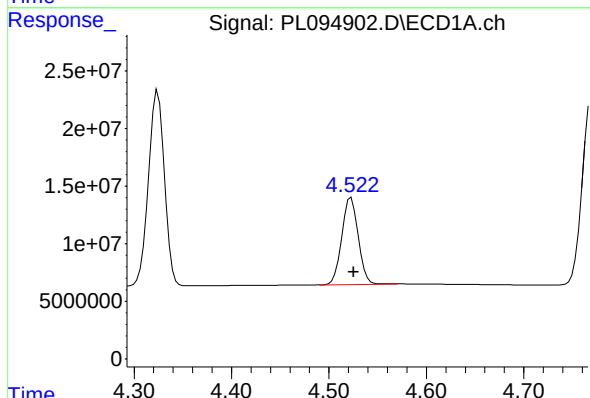
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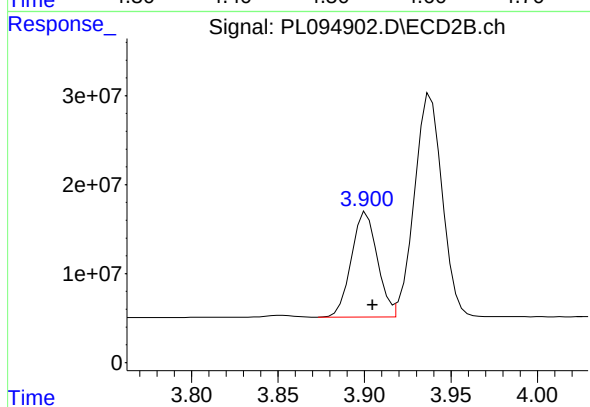
#5 Aldrin

R.T.: 4.217 min
Delta R.T.: -0.004 min
Response: 263769696
Conc: 54.09 ng/ml



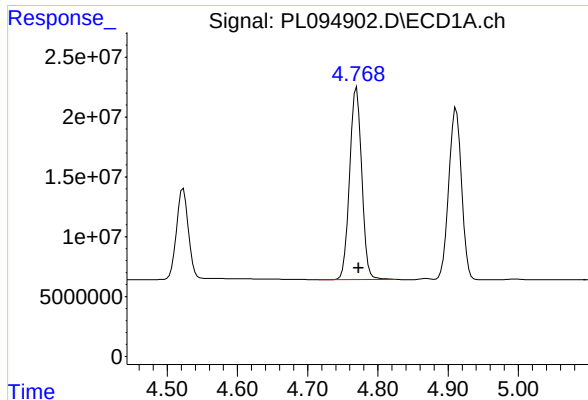
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 88498015
Conc: 47.96 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: -0.004 min
Response: 123376316
Conc: 55.54 ng/ml



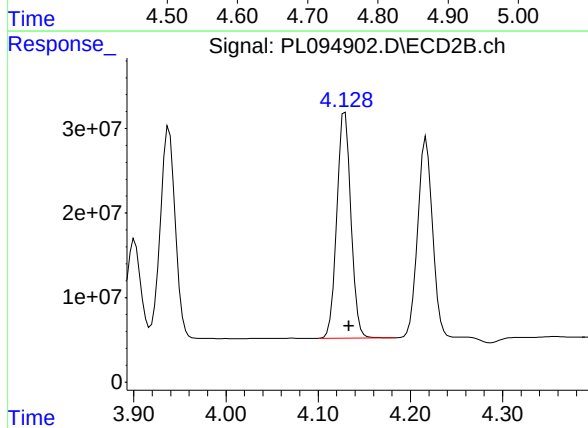
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.003 min
Response: 192134238
Conc: 49.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

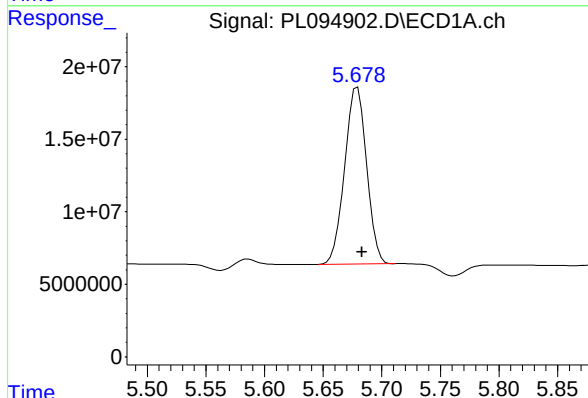
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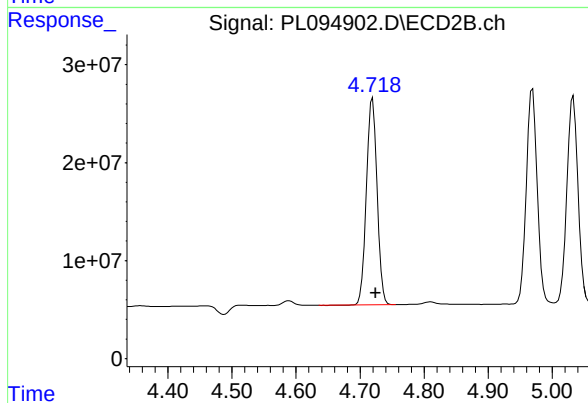
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: -0.004 min
Response: 283044333
Conc: 56.59 ng/ml



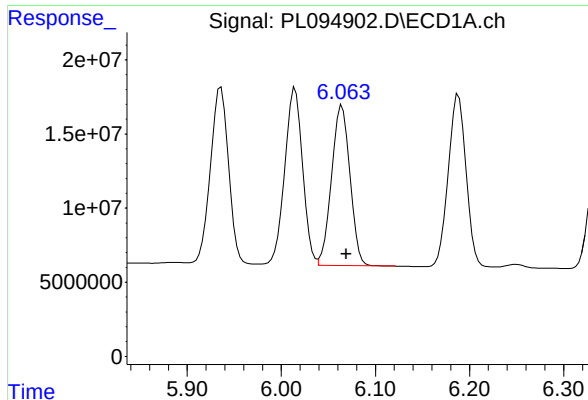
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: -0.004 min
Response: 158668838
Conc: 47.43 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: -0.005 min
Response: 245315575
Conc: 53.58 ng/ml



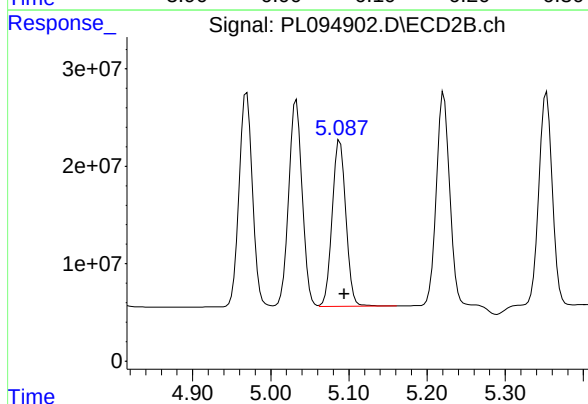
#9 Endosulfan I

R.T.: 6.065 min
Delta R.T.: -0.005 min
Response: 146635848
Conc: 47.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

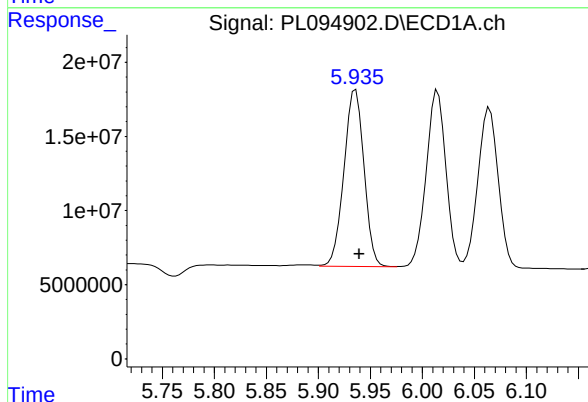
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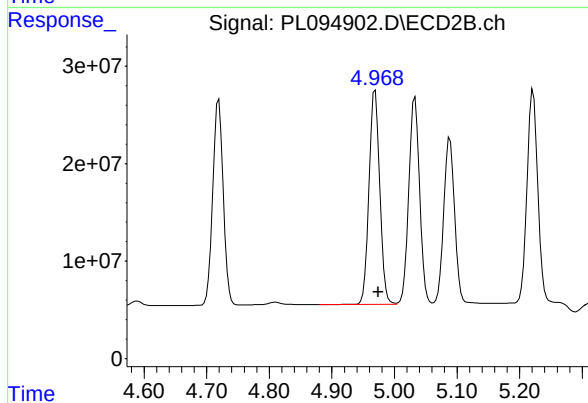
#9 Endosulfan I

R.T.: 5.089 min
Delta R.T.: -0.005 min
Response: 206943197
Conc: 47.15 ng/ml



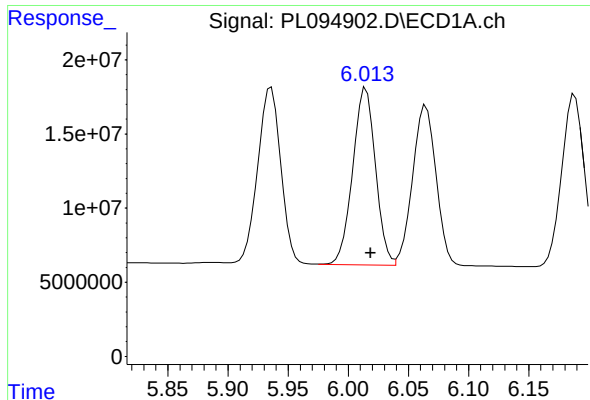
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.004 min
Response: 159923277
Conc: 47.46 ng/ml



#10 gamma-Chlordane

R.T.: 4.969 min
Delta R.T.: -0.005 min
Response: 260140022
Conc: 53.88 ng/ml



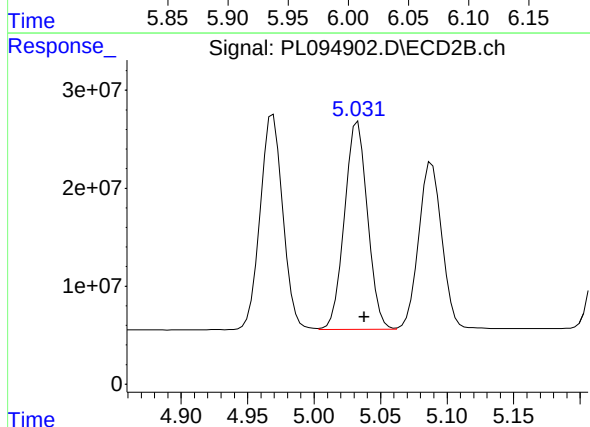
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: -0.004 min
Response: 157544227
Conc: 47.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

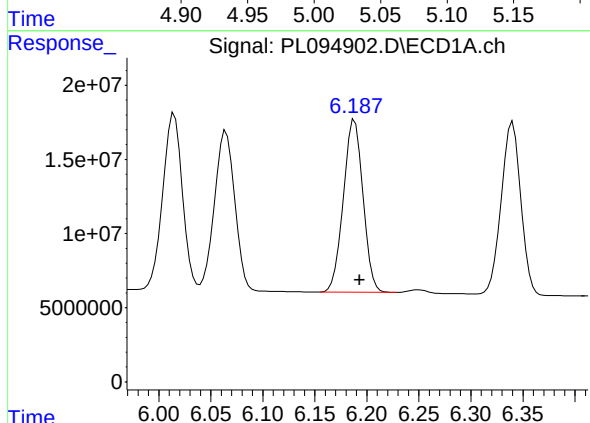
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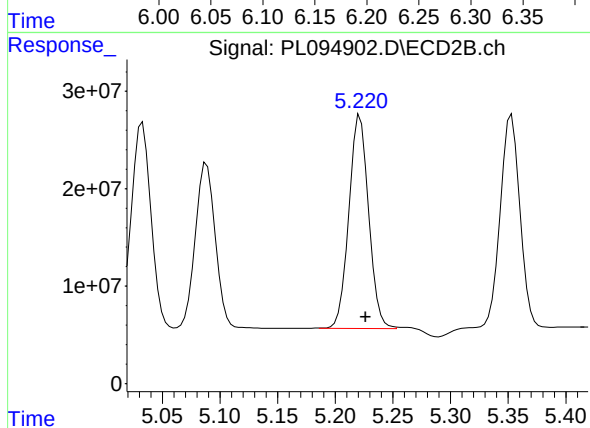
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: -0.005 min
Response: 255543335
Conc: 53.54 ng/ml



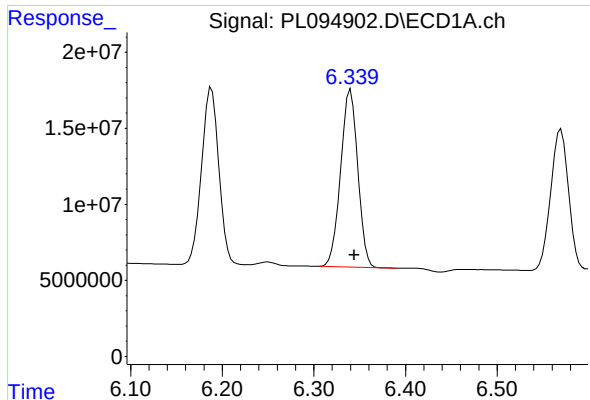
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.005 min
Response: 152837032
Conc: 51.95 ng/ml



#12 4,4'-DDE

R.T.: 5.220 min
Delta R.T.: -0.007 min
Response: 260576783
Conc: 56.06 ng/ml m



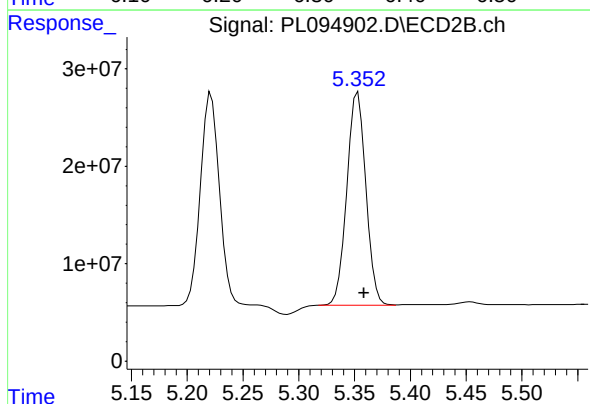
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 151895419
Conc: 47.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

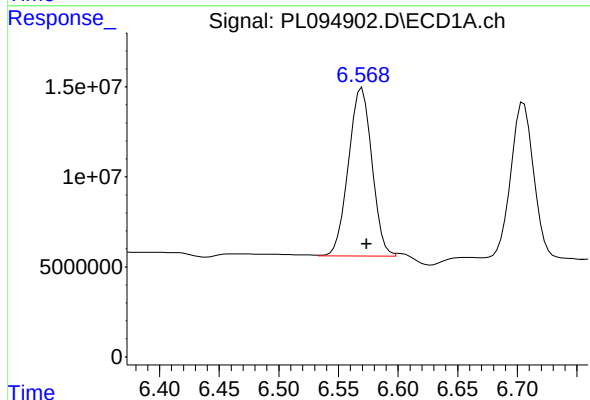
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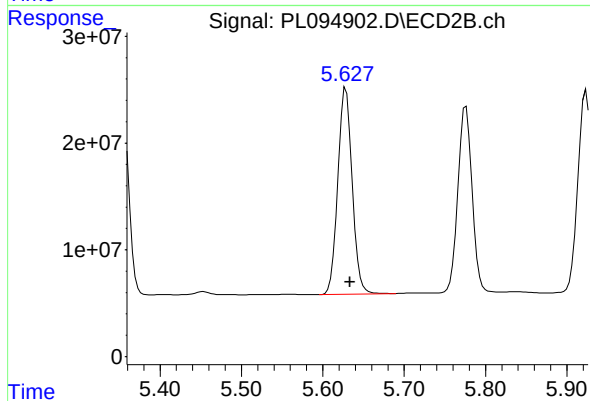
#13 Dieldrin

R.T.: 5.352 min
Delta R.T.: -0.007 min
Response: 260337201
Conc: 53.66 ng/ml



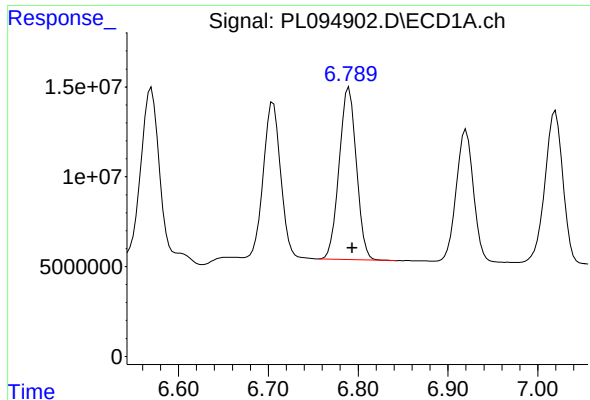
#14 Endrin

R.T.: 6.568 min
Delta R.T.: -0.005 min
Response: 127959117
Conc: 46.16 ng/ml



#14 Endrin

R.T.: 5.628 min
Delta R.T.: -0.005 min
Response: 236539328
Conc: 54.21 ng/ml



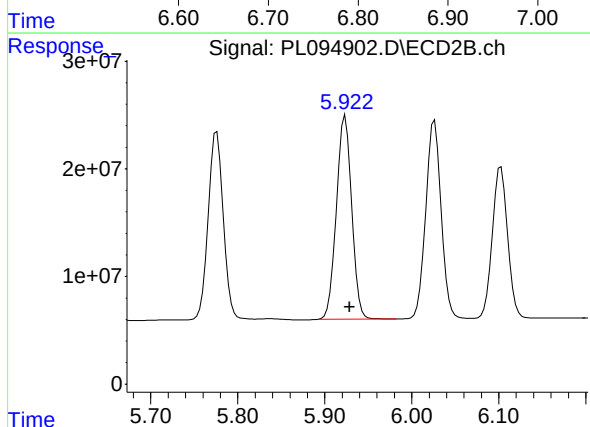
#15 Endosulfan II

R.T.: 6.790 min
Delta R.T.: -0.004 min
Response: 127767728
Conc: 47.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

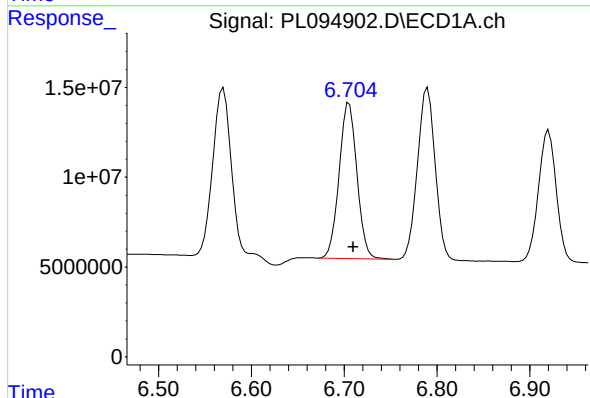
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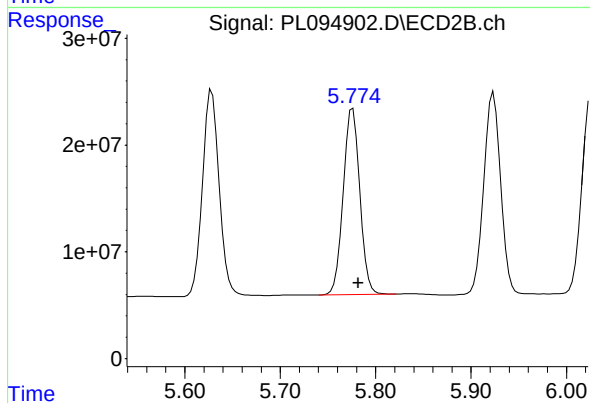
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: -0.005 min
Response: 230897037
Conc: 53.35 ng/ml



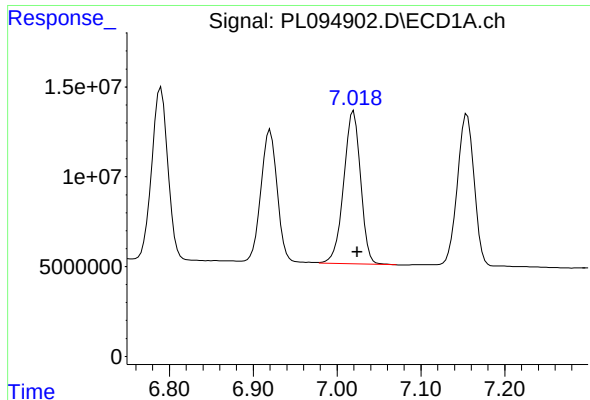
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: -0.005 min
Response: 115802448
Conc: 53.46 ng/ml



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: -0.006 min
Response: 211420691
Conc: 58.80 ng/ml



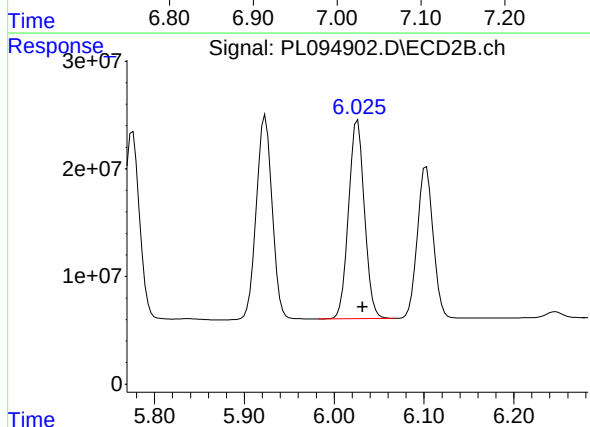
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.004 min
Response: 118794402
Conc: 49.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

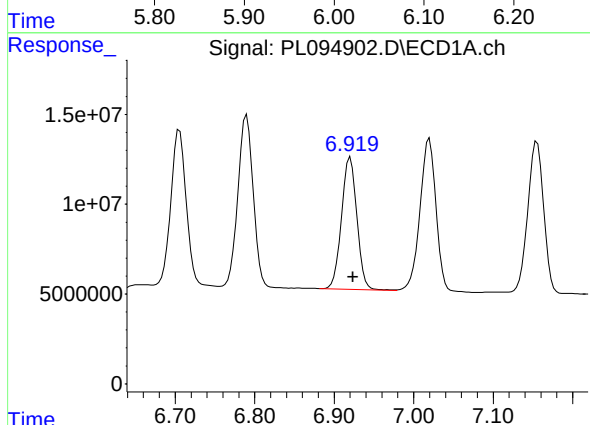
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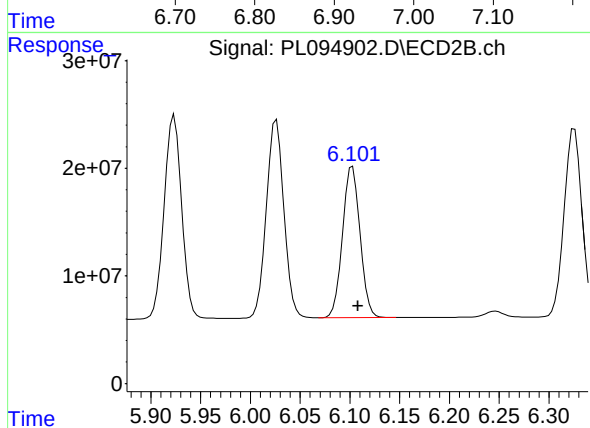
#17 4,4'-DDT

R.T.: 6.026 min
Delta R.T.: -0.005 min
Response: 226302641
Conc: 56.13 ng/ml



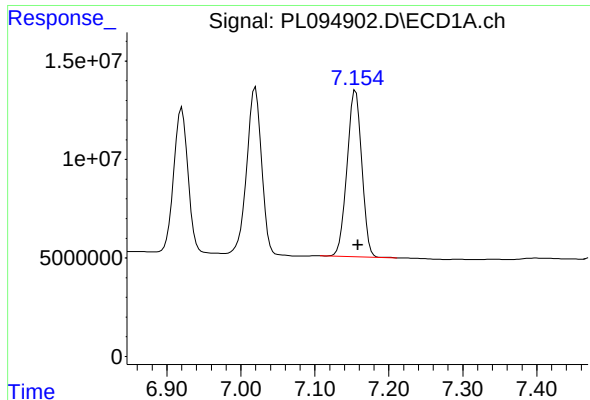
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: -0.004 min
Response: 98739020
Conc: 46.77 ng/ml



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: -0.006 min
Response: 172966212
Conc: 51.40 ng/ml



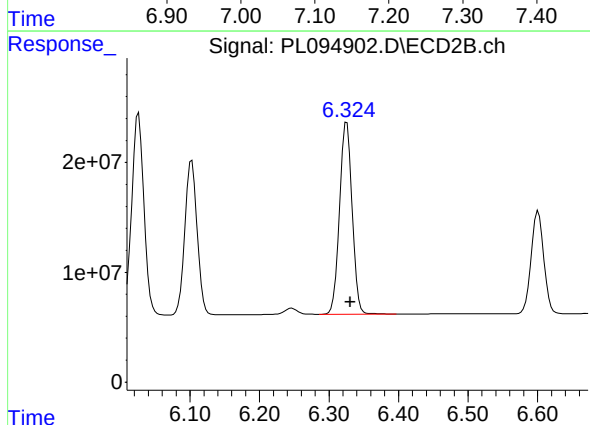
#19 Endosulfan Sulfate

R.T.: 7.155 min
Delta R.T.: -0.004 min
Response: 117029705
Conc: 48.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

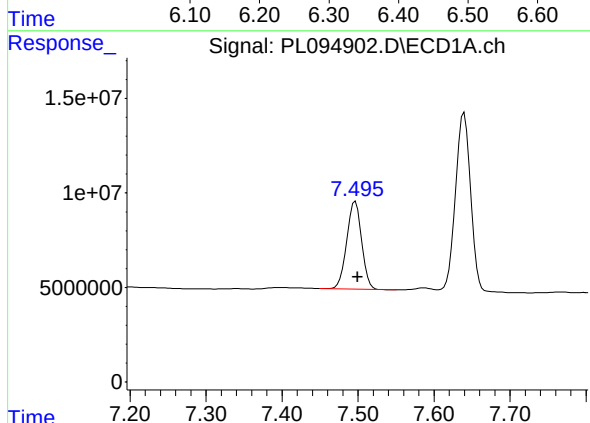
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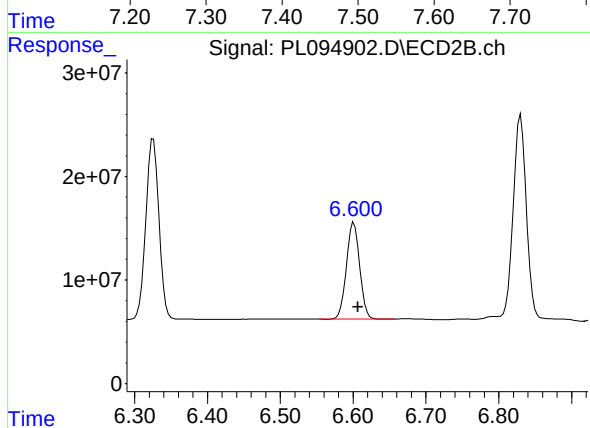
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: -0.005 min
Response: 220146204
Conc: 54.04 ng/ml



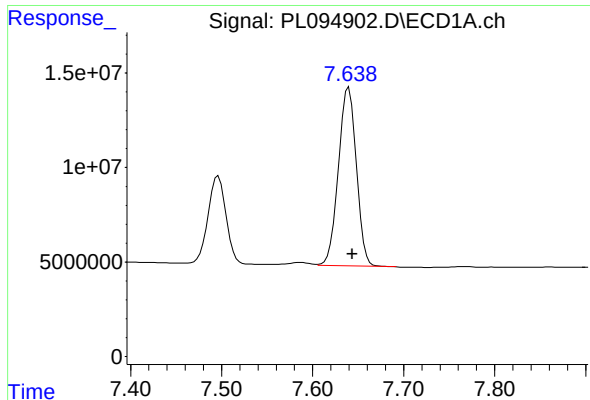
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: -0.003 min
Response: 63442733
Conc: 53.00 ng/ml



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: -0.006 min
Response: 117992899
Conc: 55.63 ng/ml



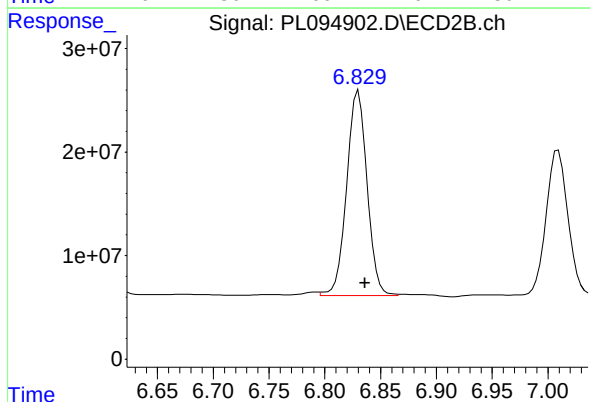
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: -0.004 min
Response: 129680753
Conc: 49.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

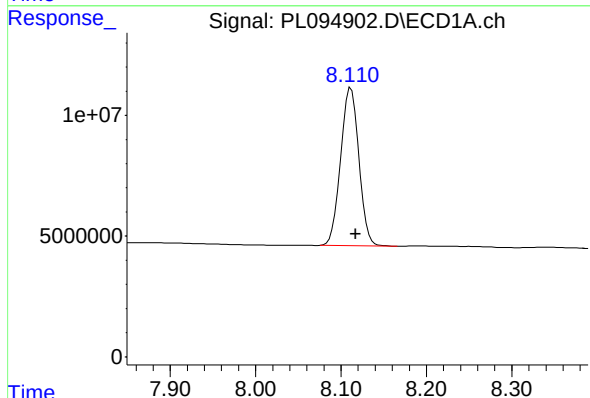
Manual Integrations
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Reviewed By :Abdul Mirza 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



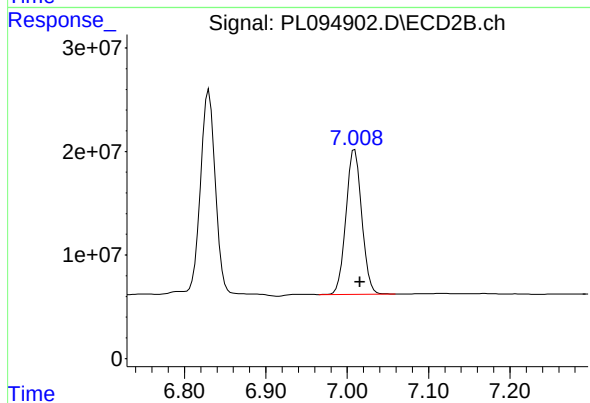
#21 Endrin ketone

R.T.: 6.829 min
Delta R.T.: -0.007 min
Response: 251358168
Conc: 52.67 ng/ml m



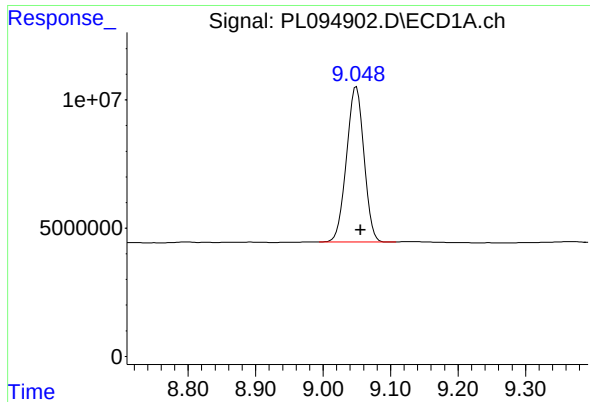
#22 Mirex

R.T.: 8.112 min
Delta R.T.: -0.005 min
Response: 96984541
Conc: 46.94 ng/ml



#22 Mirex

R.T.: 7.009 min
Delta R.T.: -0.006 min
Response: 188832511
Conc: 49.75 ng/ml



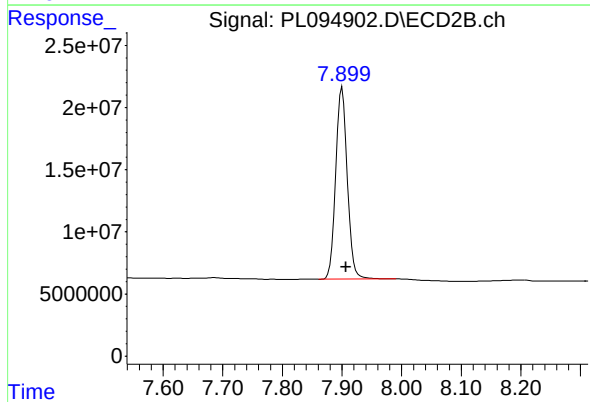
#28 Decachlorobiphenyl

R.T.: 9.049 min
Delta R.T.: -0.006 min
Response: 109152002
Conc: 51.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 03/31/2025



#28 Decachlorobiphenyl

R.T.: 7.900 min
Delta R.T.: -0.007 min
Response: 208937486
Conc: 51.73 ng/ml