

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
 Data File : PL094624.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Mar 2025 10:15
 Operator : AR\AJ
 Sample : PB167077BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167077BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/13/2025
 Supervised By : mohammad ahmed 03/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 12 13:25:51 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...	3.540	2.770	61484971	75456697	21.721	21.141
28)	SA Decachlor...	9.055	7.905	54810031	103.2E6	26.008	25.548
Target Compounds							
2)	A alpha-BHC	3.996	3.272	183.4E6	250.0E6	44.175	46.380
3)	MA gamma-BHC...	4.329	3.602	179.3E6	239.2E6	44.932	46.539
4)	MA Heptachlor	4.916	3.940	173.2E6	243.6E6	44.610	46.242
5)	MB Aldrin	5.257	4.219	165.6E6	228.7E6	44.840	46.899
6)	B beta-BHC	4.526	3.902	80250511	104.6E6	43.491m	47.071
7)	B delta-BHC	4.774	4.131	184.2E6	237.7E6	47.290	47.519
8)	B Heptachlo...	5.684	4.722	154.7E6	220.1E6	46.236	48.063
9)	A Endosulfan I	6.069	5.091	142.6E6	212.3E6	46.443	48.378
10)	B gamma-Chl...	5.940	4.972	154.0E6	231.1E6	45.715	47.852
11)	B alpha-Chl...	6.019	5.035	151.2E6	227.4E6	45.848	47.653
12)	B 4,4'-DDE	6.193	5.224	144.8E6	225.6E6	49.234	48.522
13)	MA Dieldrin	6.345	5.356	147.4E6	233.9E6	46.089	48.215
14)	MA Endrin	6.575	5.630	117.7E6	199.8E6	42.460	45.784m
15)	B Endosulfa...	6.795	5.926	128.1E6	211.5E6	47.177	48.867
16)	A 4,4'-DDD	6.711	5.779	107.8E6	184.9E6	49.771	51.407
17)	MA 4,4'-DDT	7.024	6.029	111.8E6	191.2E6	47.000	47.421
18)	B Endrin al...	6.925	6.106	98915554	162.1E6	46.857	48.178
19)	B Endosulfa...	7.159	6.329	116.6E6	203.9E6	47.955	50.048
20)	A Methoxychlor	7.501	6.604	58135112	101.2E6	48.564	47.735
21)	B Endrin ke...	7.644	6.834	132.5E6	246.9E6	50.118	51.727
22)	Mirex	8.117	7.013	97193750	183.3E6	47.038	48.292

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031225\
Data File : PL094624.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Mar 2025 10:15
Operator : AR\AJ
Sample : PB167077BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB167077BS

Manual Integrations

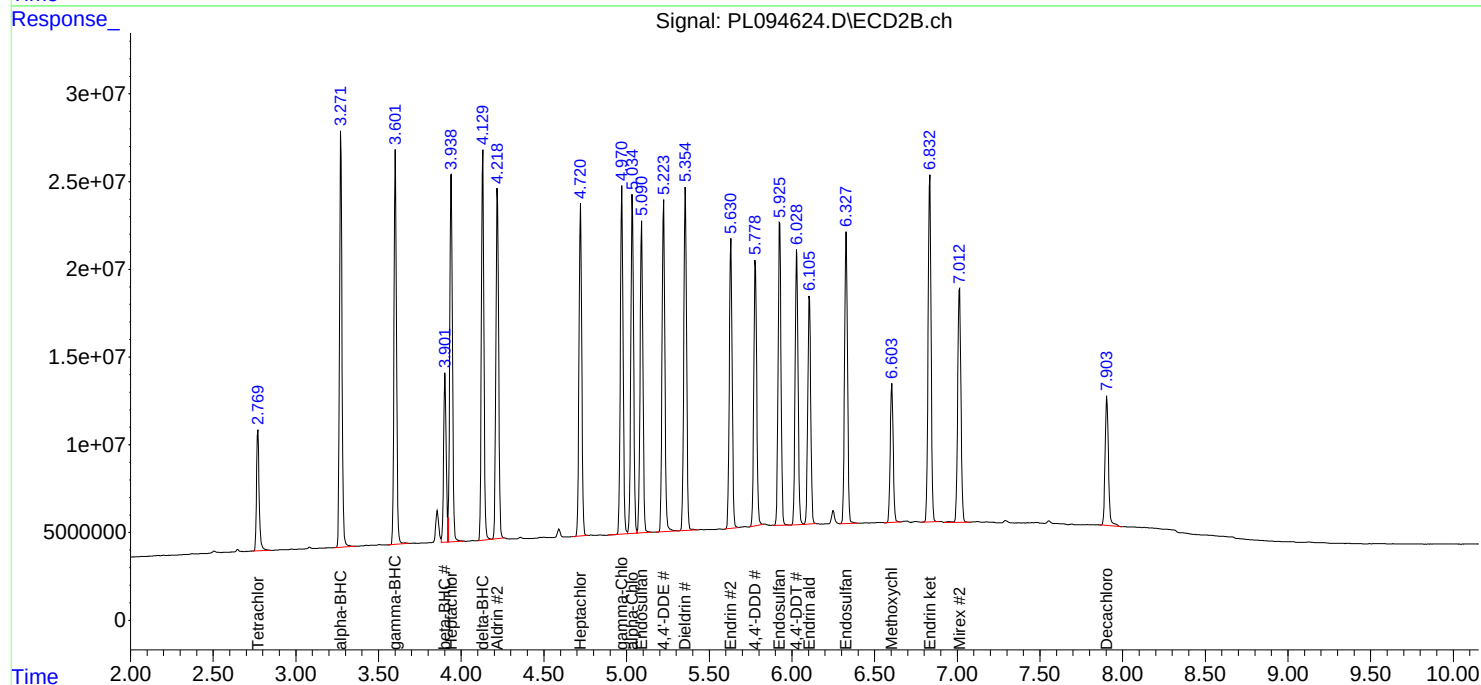
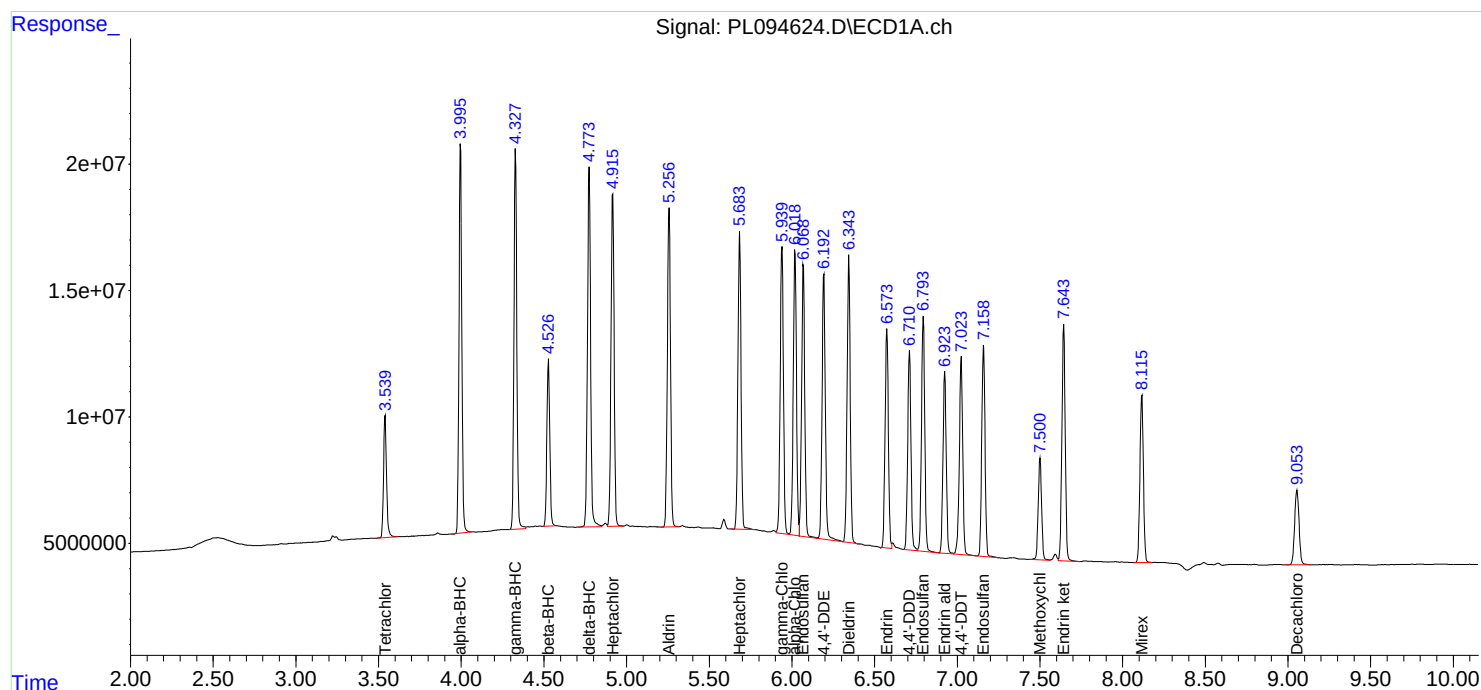
APPROVED

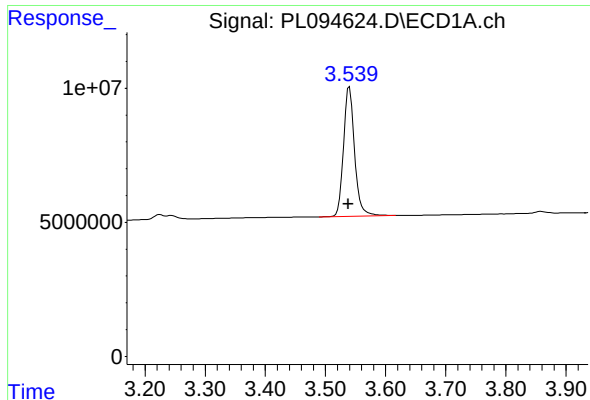
Reviewed By :Abdul Mirza 03/13/2025

Supervised By :mohammad ahmed 03/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 13:25:51 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





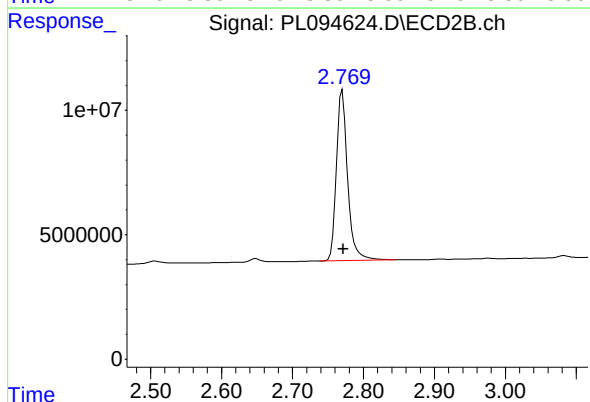
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.002 min
Response: 61484971
Conc: 21.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167077BS

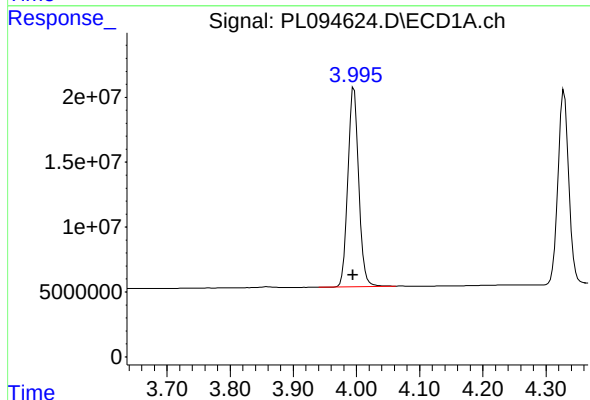
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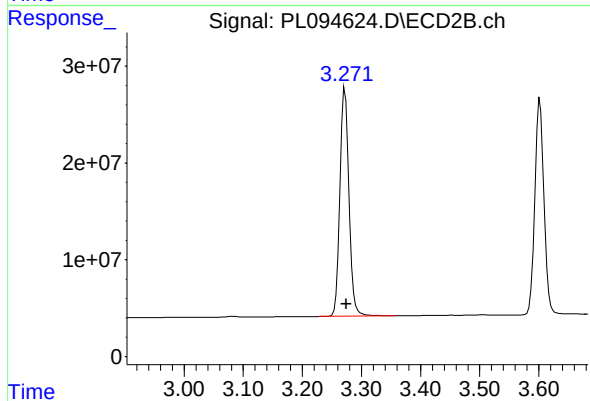
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 75456697
Conc: 21.14 ng/ml



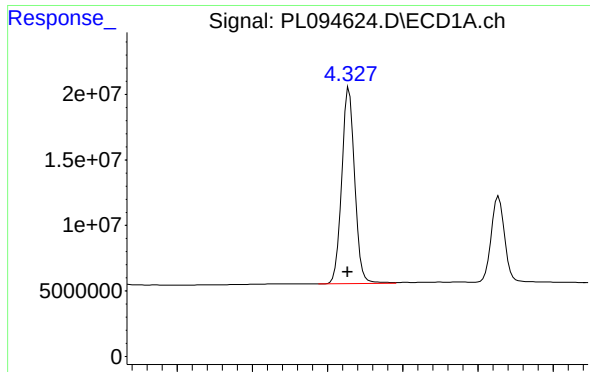
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.002 min
Response: 183431742
Conc: 44.18 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: -0.002 min
Response: 250049533
Conc: 46.38 ng/ml



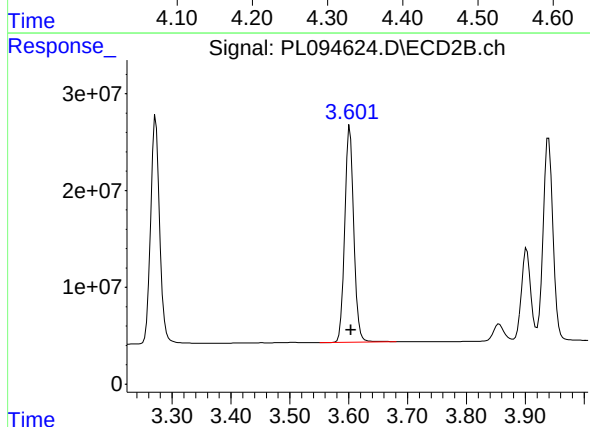
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.002 min
Response: 179289964
Conc: 44.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167077BS

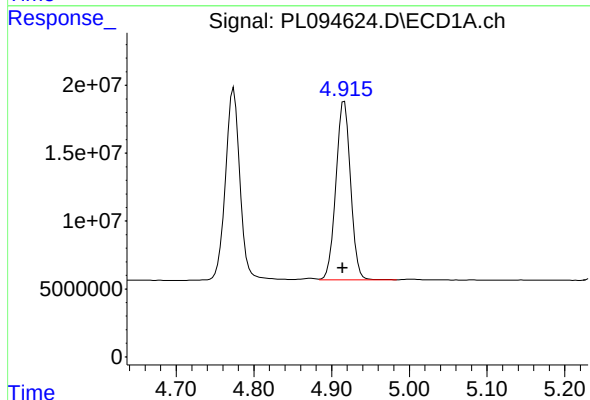
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Supervised By :mohammad ahmed 03/28/2025



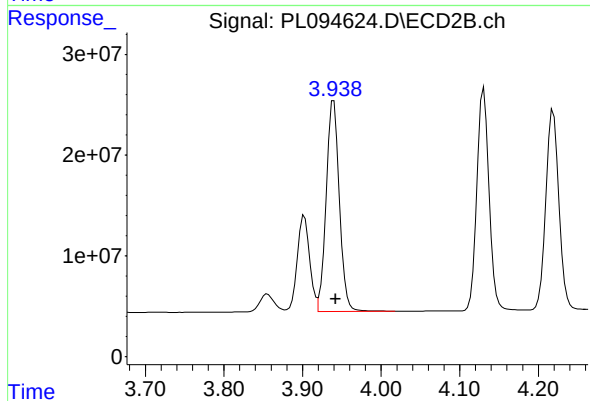
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: -0.002 min
Response: 239186459
Conc: 46.54 ng/ml



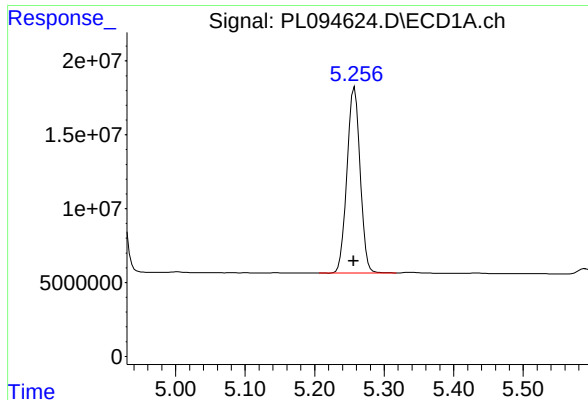
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: 0.002 min
Response: 173157805
Conc: 44.61 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: -0.003 min
Response: 243631835
Conc: 46.24 ng/ml



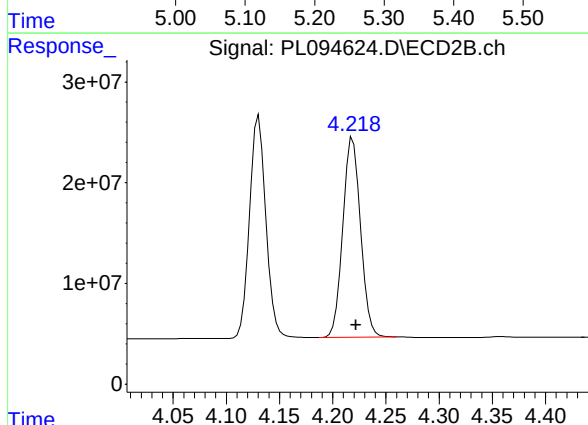
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: 0.001 min
Response: 165559435
Conc: 44.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167077BS

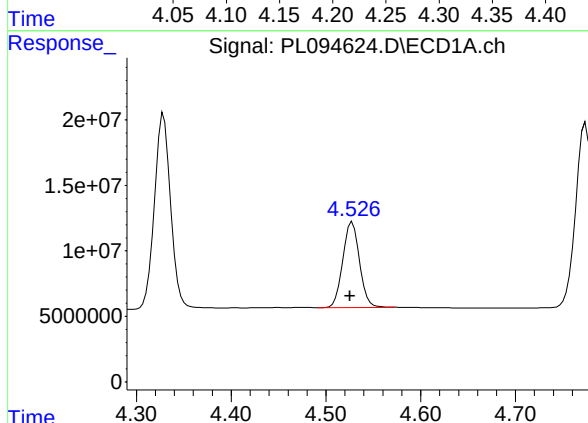
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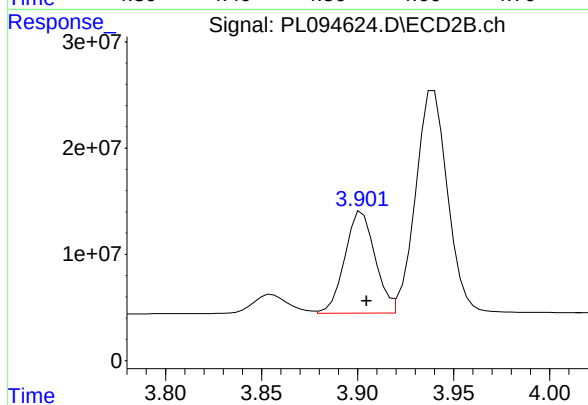
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.003 min
Response: 228695527
Conc: 46.90 ng/ml



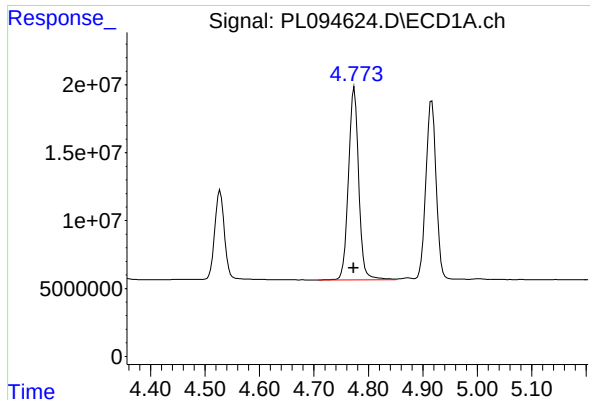
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.001 min
Response: 80250511
Conc: 43.49 ng/ml m



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: -0.002 min
Response: 104558192
Conc: 47.07 ng/ml



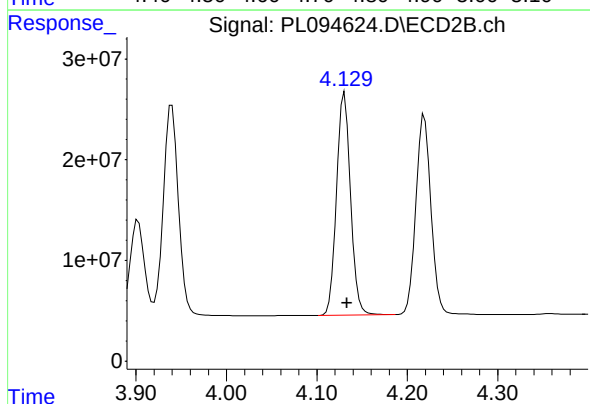
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: 0.001 min
Response: 184160515
Conc: 47.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167077BS

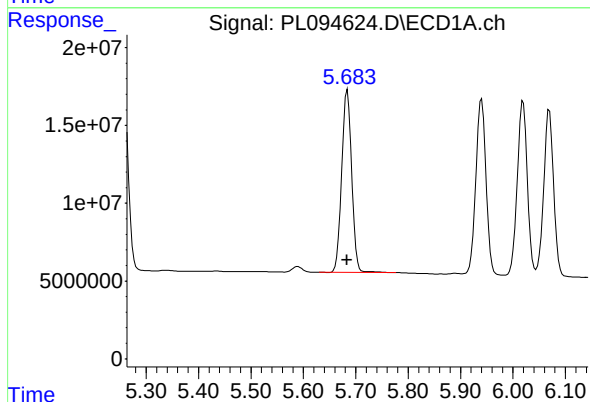
Manual Integrations
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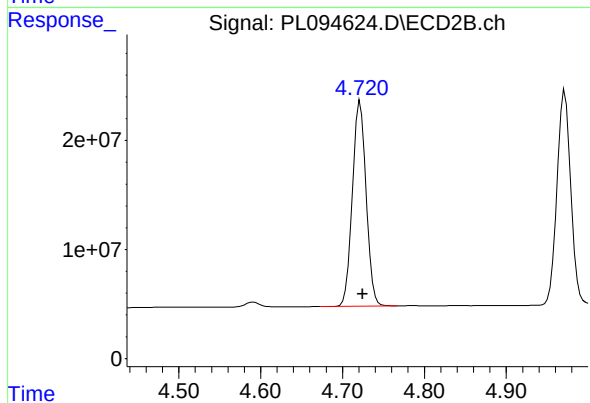
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.003 min
Response: 237689818
Conc: 47.52 ng/ml



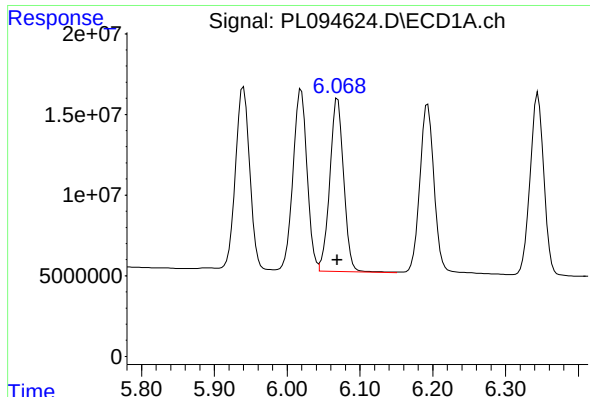
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 154669261
Conc: 46.24 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: -0.003 min
Response: 220058870
Conc: 48.06 ng/ml



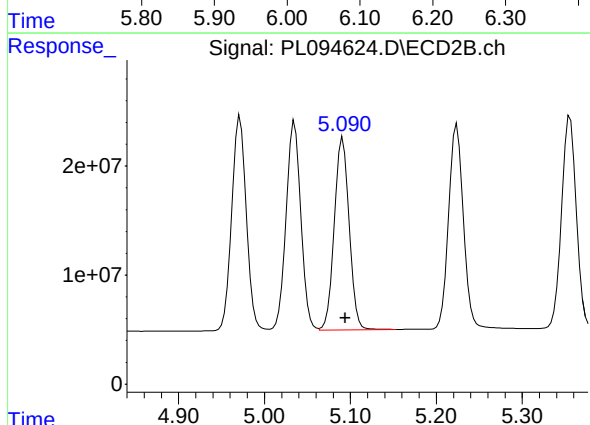
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 142590201
Conc: 46.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167077BS

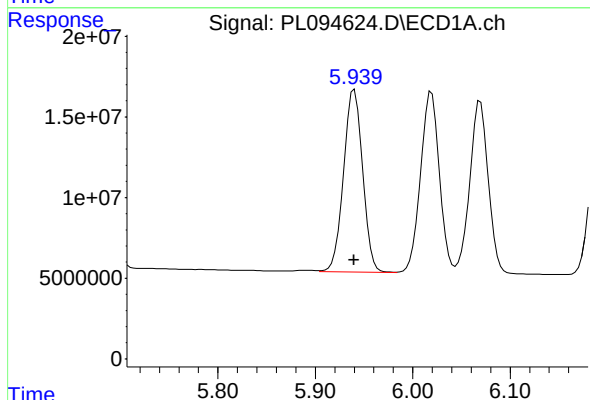
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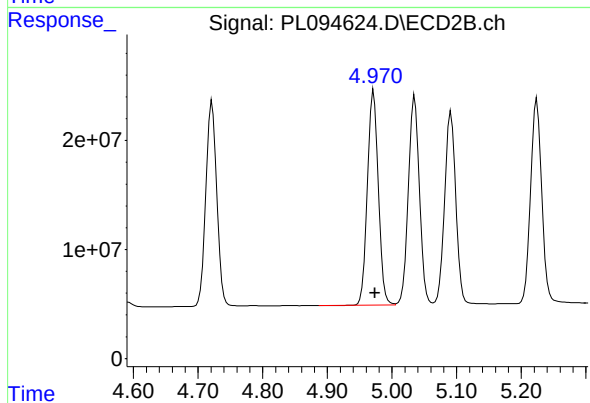
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: -0.003 min
Response: 212316093
Conc: 48.38 ng/ml



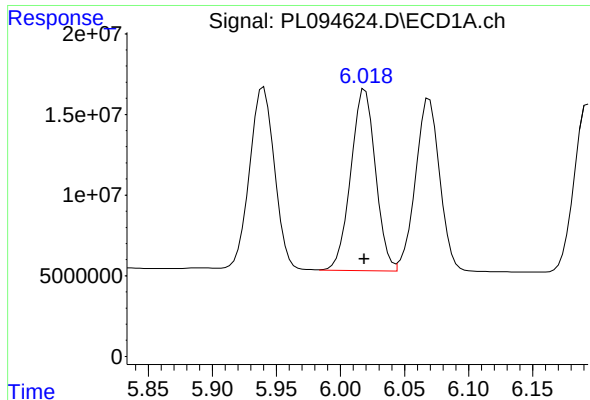
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 154029095
Conc: 45.71 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: -0.002 min
Response: 231051678
Conc: 47.85 ng/ml



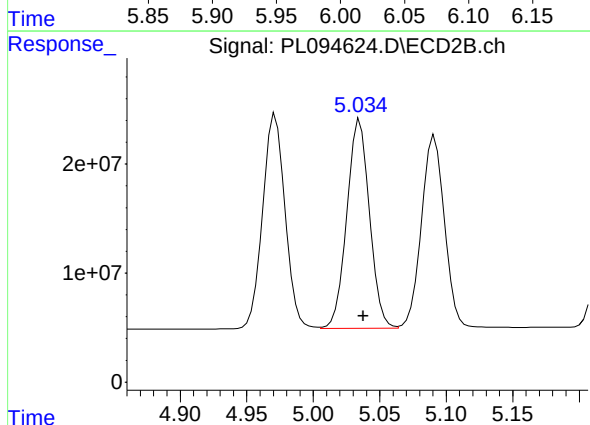
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 151154895
Conc: 45.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167077BS

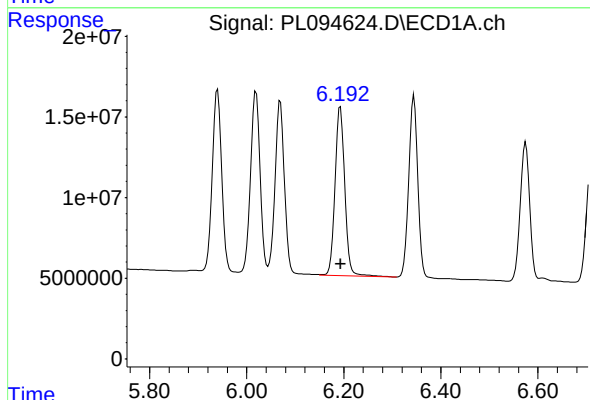
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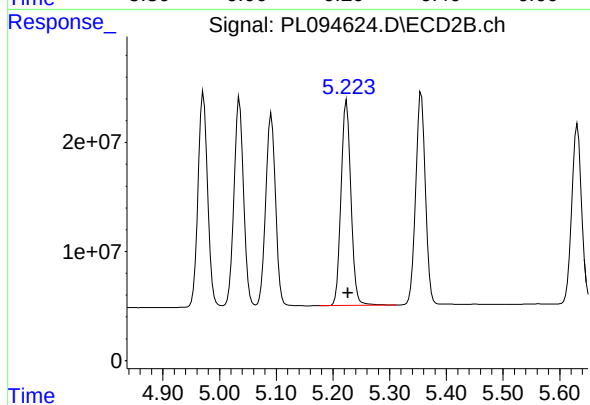
#11 alpha-Chlordane

R.T.: 5.035 min
Delta R.T.: -0.003 min
Response: 227436191
Conc: 47.65 ng/ml



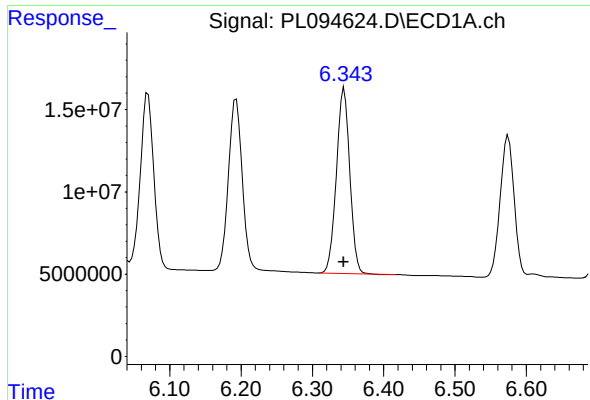
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 144849836
Conc: 49.23 ng/ml



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: -0.002 min
Response: 225554198
Conc: 48.52 ng/ml



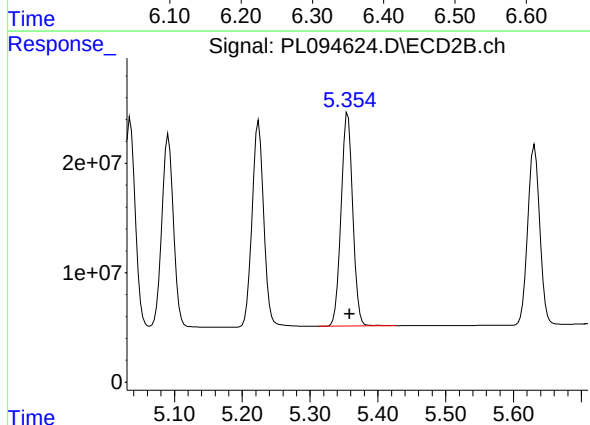
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 147398218
Conc: 46.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167077BS

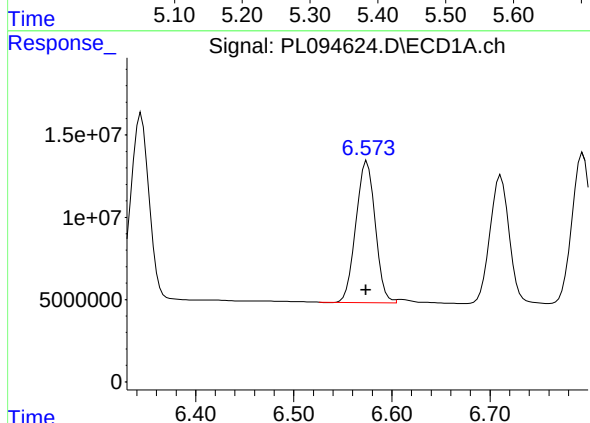
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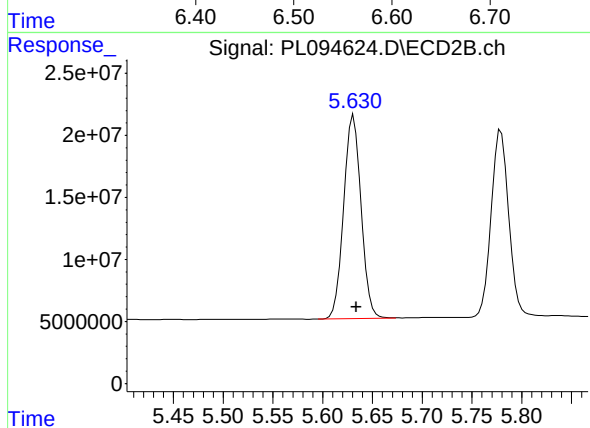
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: -0.002 min
Response: 233932690
Conc: 48.22 ng/ml



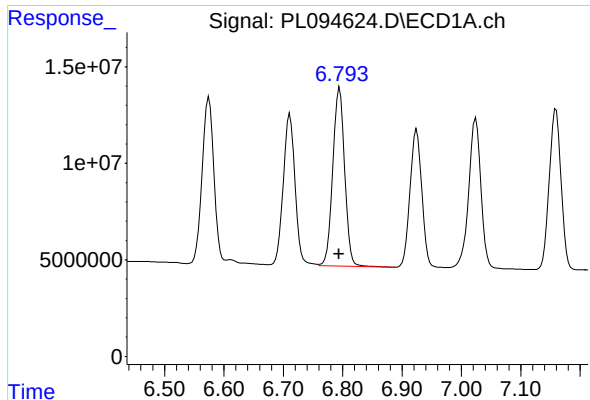
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.001 min
Response: 117703361
Conc: 42.46 ng/ml



#14 Endrin

R.T.: 5.630 min
Delta R.T.: -0.004 min
Response: 199786560
Conc: 45.78 ng/ml m



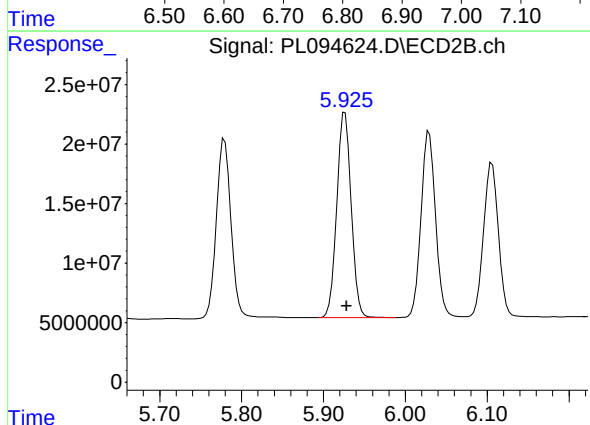
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: 0.001 min
Response: 128072823
Conc: 47.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167077BS

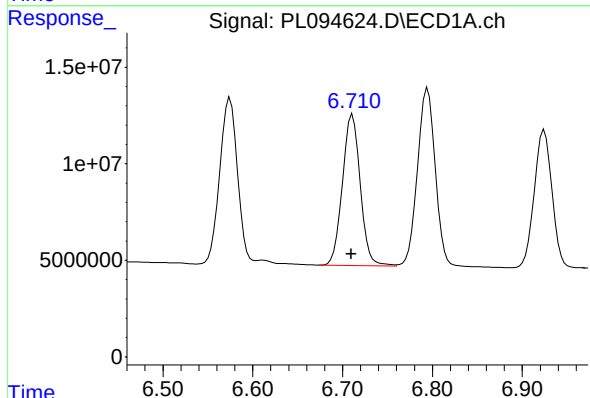
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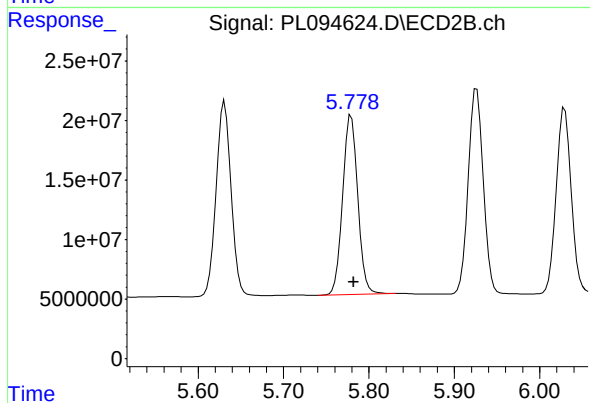
#15 Endosulfan II

R.T.: 5.926 min
Delta R.T.: -0.002 min
Response: 211508623
Conc: 48.87 ng/ml



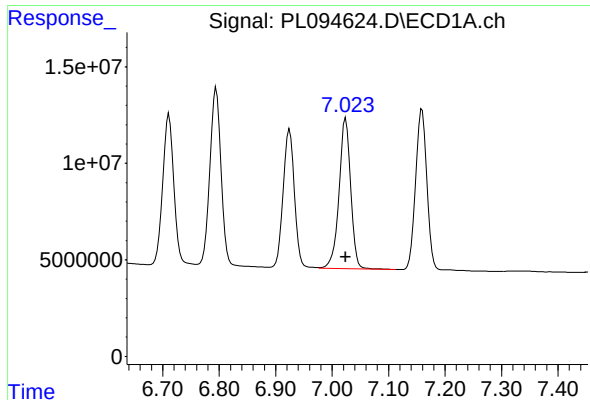
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.001 min
Response: 107807841
Conc: 49.77 ng/ml



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 184854029
Conc: 51.41 ng/ml



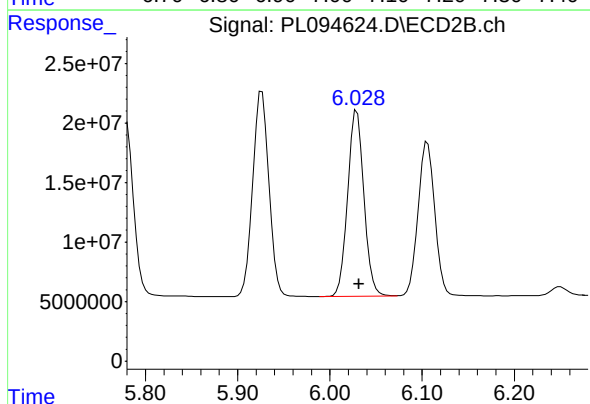
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 111790734
Conc: 47.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167077BS

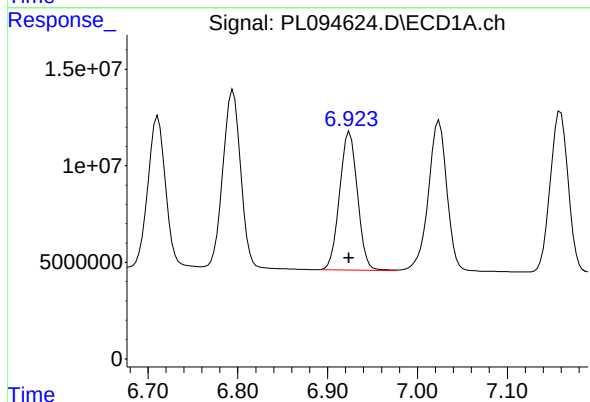
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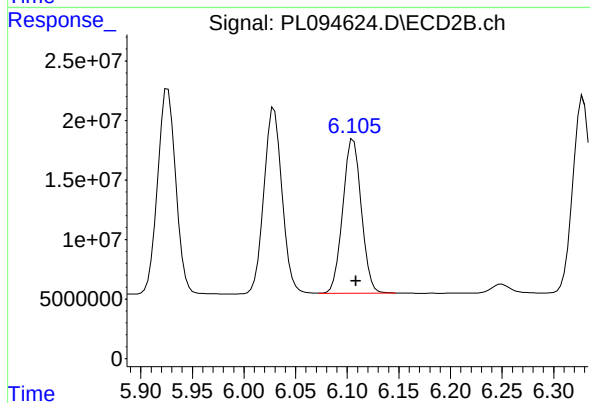
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.002 min
Response: 191205231
Conc: 47.42 ng/ml



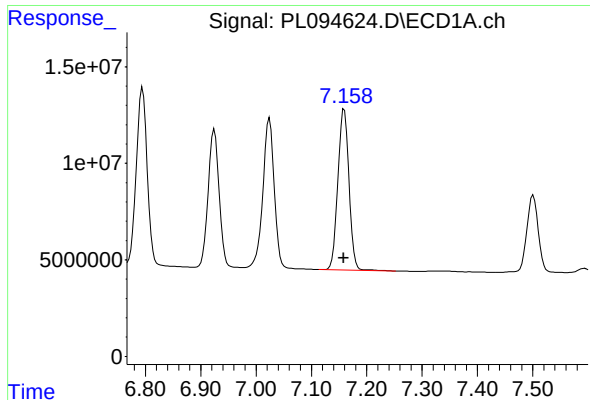
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.000 min
Response: 98915554
Conc: 46.86 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 162135610
Conc: 48.18 ng/ml



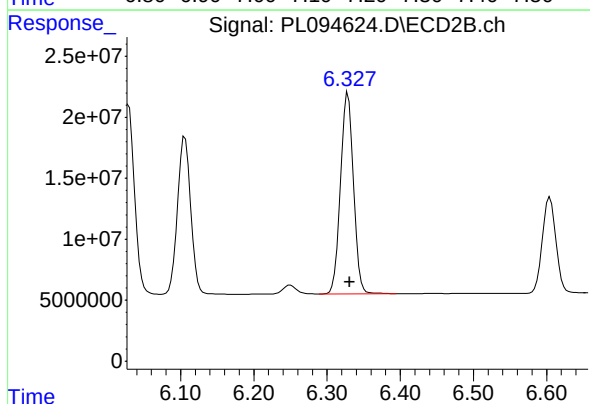
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.000 min
Response: 116628246
Conc: 47.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167077BS

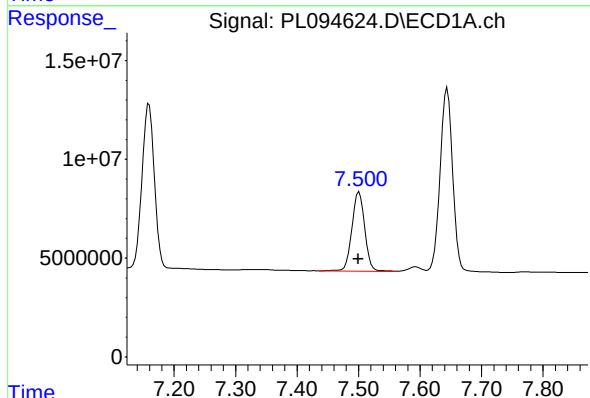
Manual Integrations
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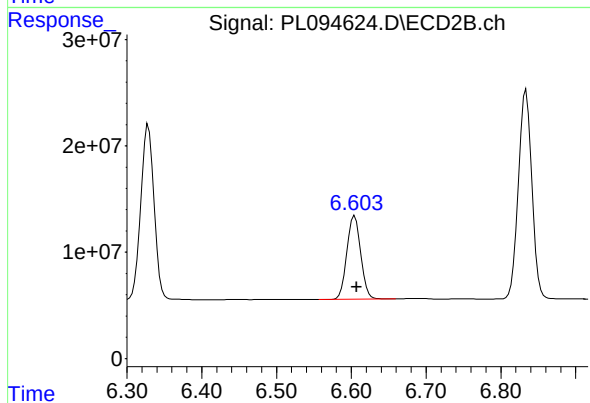
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.002 min
Response: 203868850
Conc: 50.05 ng/ml



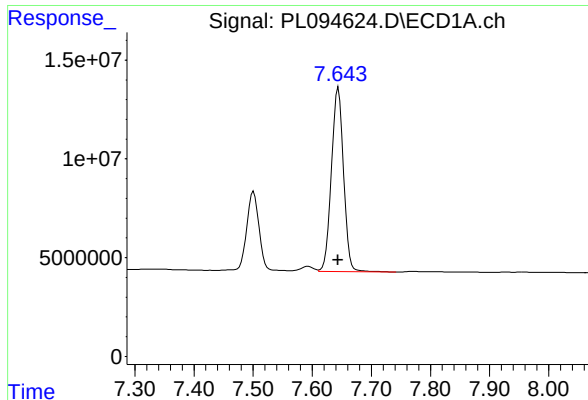
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.001 min
Response: 58135112
Conc: 48.56 ng/ml



#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: -0.002 min
Response: 101249152
Conc: 47.73 ng/ml



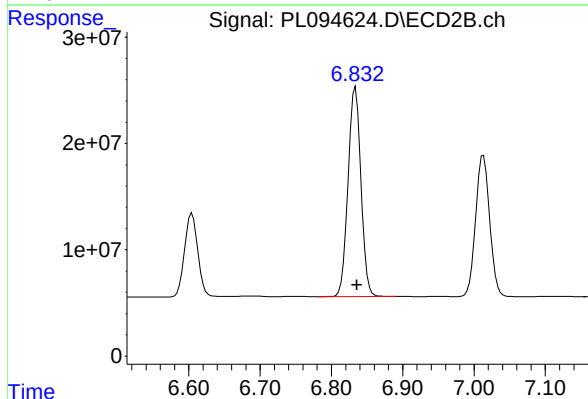
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 132474469
Conc: 50.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167077BS

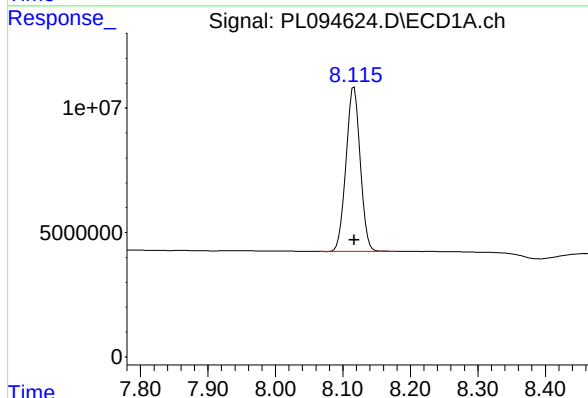
Manual Integrations
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Reviewed By :Abdul Mirza 03/13/2025
Supervised By :mohammad ahmed 03/28/2025



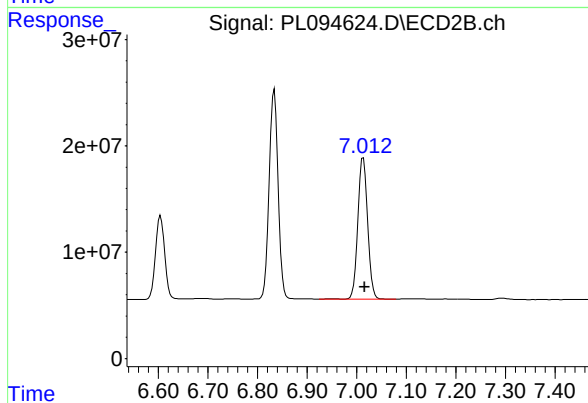
#21 Endrin ketone

R.T.: 6.834 min
Delta R.T.: -0.002 min
Response: 246872331
Conc: 51.73 ng/ml



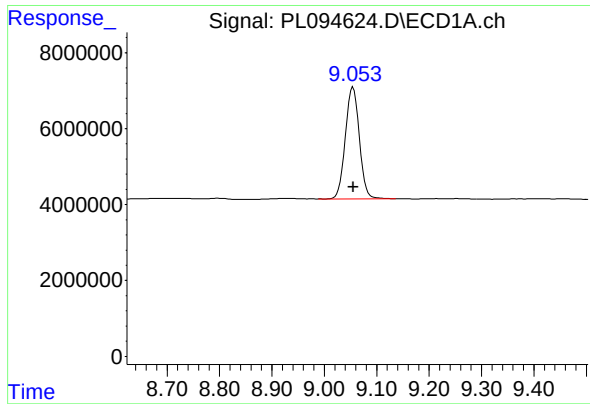
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 97193750
Conc: 47.04 ng/ml



#22 Mirex

R.T.: 7.013 min
Delta R.T.: -0.003 min
Response: 183282381
Conc: 48.29 ng/ml



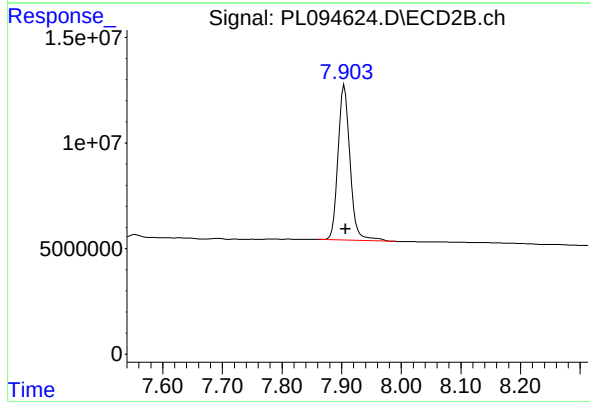
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.000 min
Response: 54810031
Conc: 26.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167077BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/13/2025
Supervised By :mohammad ahmed 03/28/2025



#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: -0.002 min
Response: 103197027
Conc: 25.55 ng/ml