

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033125\
 Data File : PL094966.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Mar 2025 19:05
 Operator : AR\AJ
 Sample : Q1664-06MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 P001-BBDGA-001-01MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/01/2025
 Supervised By :mohammad ahmed 04/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 01 02:14:34 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	2.786	58636956	77442821	20.715	21.697
28)	SA Decachlor...	9.055	7.920	46694794	84456836	22.157	20.908
Target Compounds							
2)	A alpha-BHC	3.993	3.288	198.7E6	282.7E6	47.859	52.442
3)	MA gamma-BHC...	4.324	3.618	192.9E6	269.9E6	48.340m	52.515
4)	MA Heptachlor	4.914	3.955	164.7E6	237.6E6	42.420	45.092
5)	MB Aldrin	5.255	4.235	152.5E6	212.5E6	41.306	43.580
6)	B beta-BHC	4.525	3.919	85845939	117.1E6	46.523	52.702
7)	B delta-BHC	4.772	4.147	195.6E6	260.9E6	50.223	52.163
8)	B Heptachlo...	5.682	4.738	154.9E6	228.4E6	46.314	49.888
9)	A Endosulfan I	6.068	5.108	151.7E6	222.4E6	49.414	50.685
10)	B gamma-Chl...	5.938	4.988	158.7E6	235.4E6	47.114	48.744
11)	B alpha-Chl...	6.018	5.051	158.0E6	233.4E6	47.915	48.897
12)	B 4,4'-DDE	6.192	5.240	152.6E6	233.8E6	51.878	50.286
13)	MA Dieldrin	6.343	5.371	161.8E6	246.1E6	50.605	50.714
14)	MA Endrin	6.574	5.647	135.2E6	228.6E6	48.790	52.399
15)	B Endosulfa...	6.794	5.942	138.8E6	222.0E6	51.113	51.284
16)	A 4,4'-DDD	6.710	5.795	122.7E6	197.7E6	56.628	54.974
17)	MA 4,4'-DDT	7.023	6.045	126.6E6	211.4E6	53.235	52.434
18)	B Endrin al...	6.924	6.120	99689048	164.0E6	47.224	48.721m
19)	B Endosulfa...	7.158	6.345	122.8E6	211.9E6	50.498	52.013
20)	A Methoxychlor	7.500	6.619	65058411	115.3E6	54.348	54.365m
21)	B Endrin ke...	7.644	6.849	137.4E6	250.2E6	51.988	52.427m
22)	Mirex	8.116	7.028	90494327	175.3E6	43.796	46.194m

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

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 Acq On : 31 Mar 2025 19:05
 Operator : AR\AJ
 Sample : Q1664-06MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

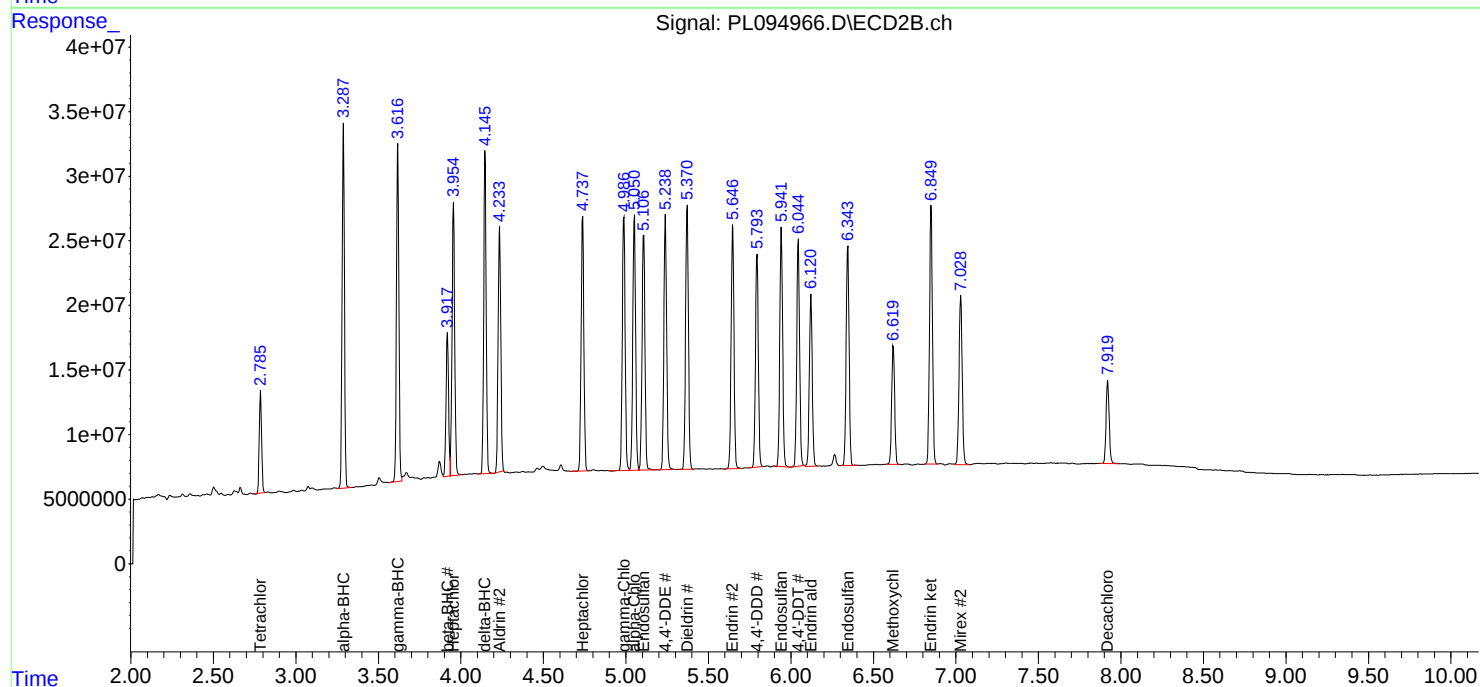
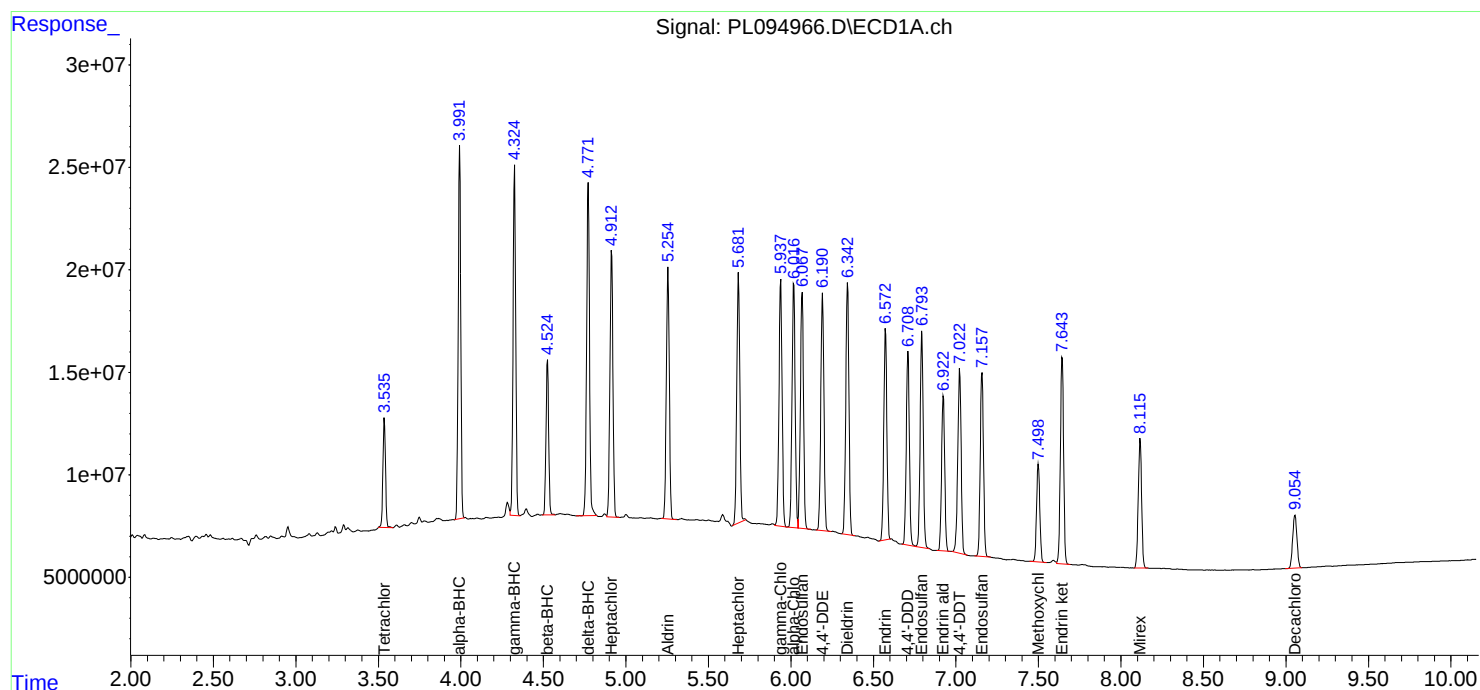
Instrument :
 ECD_L
 ClientSampleId :
 P001-BBDGA-001-01MSD

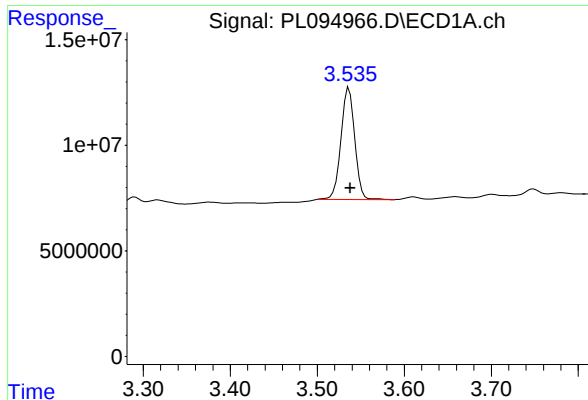
Manual Integrations APPROVED

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 Supervised By : mohammad ahmed 04/07/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





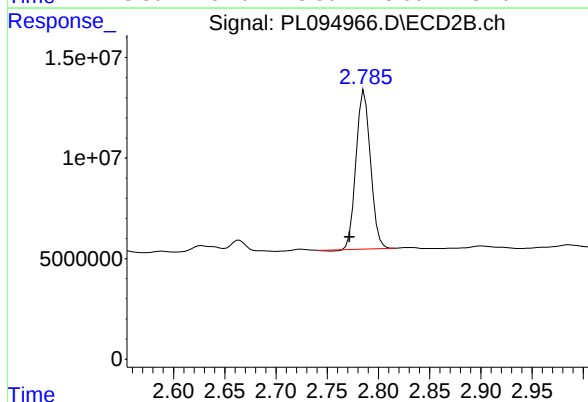
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.002 min
Response: 58636956
Conc: 20.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MSD

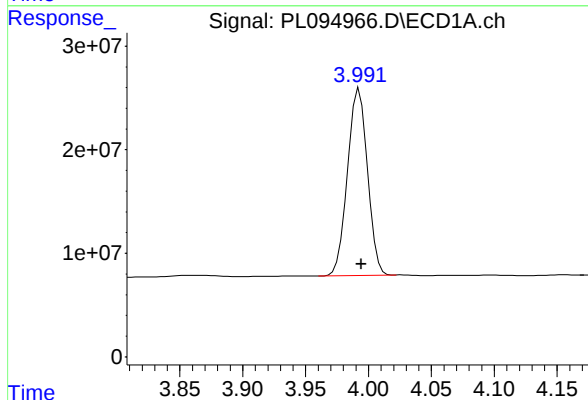
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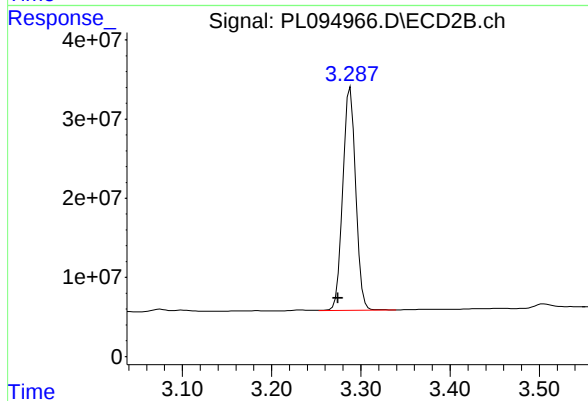
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: 0.014 min
Response: 77442821
Conc: 21.70 ng/ml



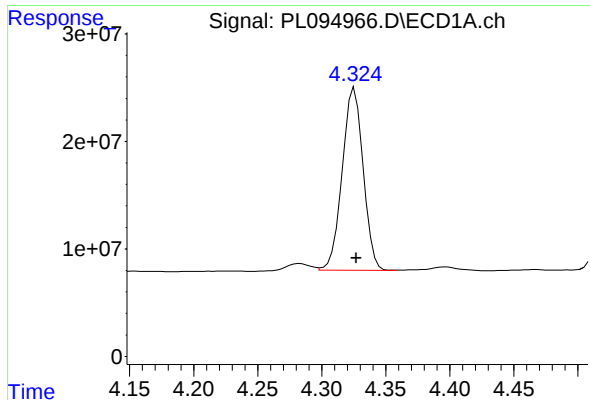
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.002 min
Response: 198727750
Conc: 47.86 ng/ml



#2 alpha-BHC

R.T.: 3.288 min
Delta R.T.: 0.014 min
Response: 282735683
Conc: 52.44 ng/ml



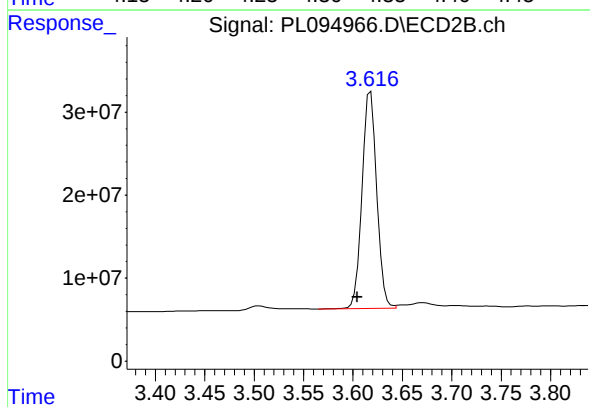
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 192891475
Conc: 48.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MSD

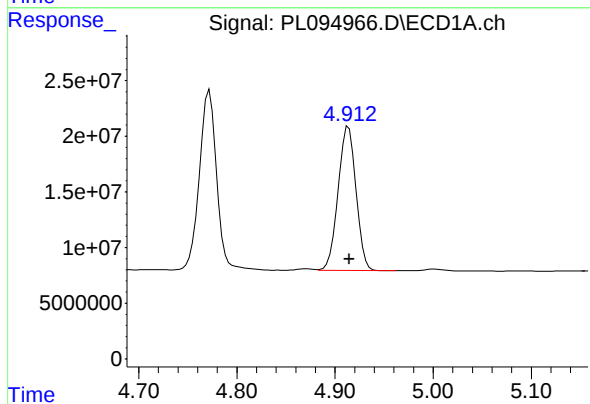
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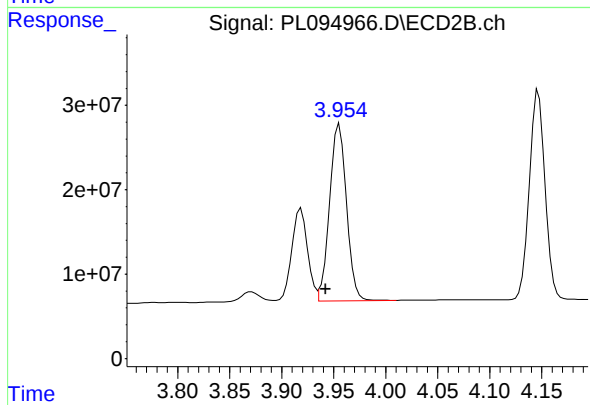
#3 gamma-BHC (Lindane)

R.T.: 3.618 min
Delta R.T.: 0.014 min
Response: 269897013
Conc: 52.51 ng/ml



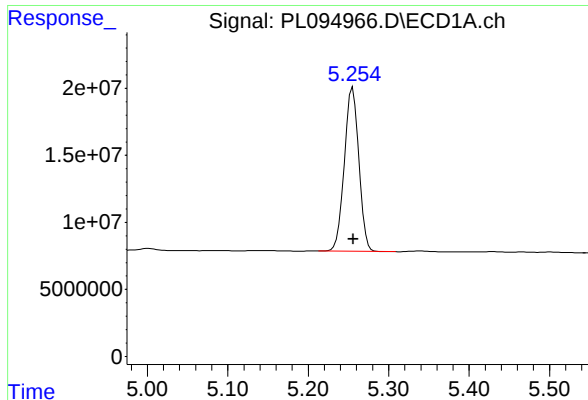
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 164657982
Conc: 42.42 ng/ml



#4 Heptachlor

R.T.: 3.955 min
Delta R.T.: 0.013 min
Response: 237573032
Conc: 45.09 ng/ml



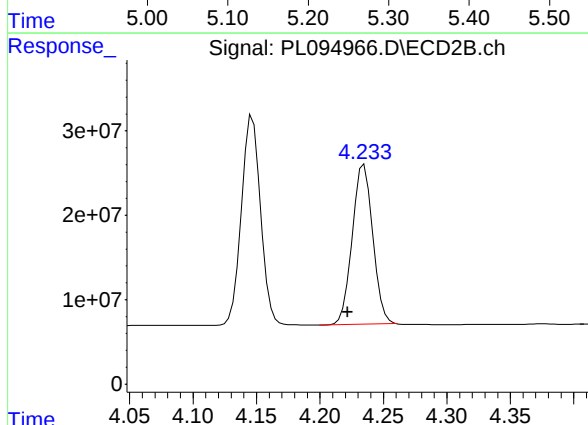
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: 0.000 min
Response: 152510282
Conc: 41.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MSD

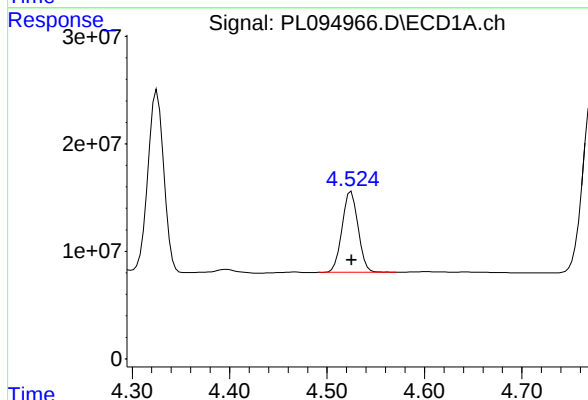
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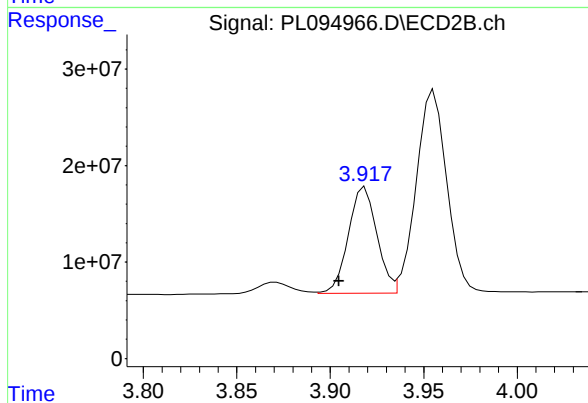
#5 Aldrin

R.T.: 4.235 min
Delta R.T.: 0.013 min
Response: 212513297
Conc: 43.58 ng/ml



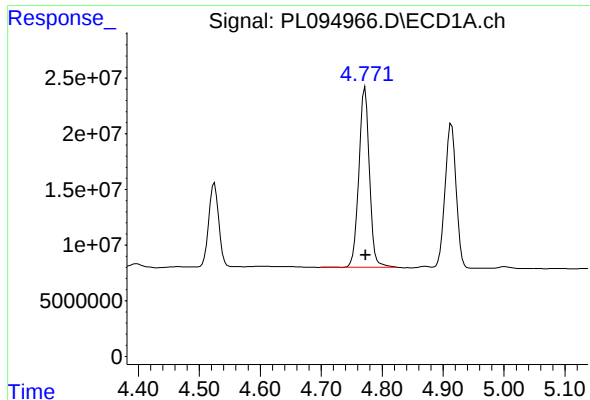
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 85845939
Conc: 46.52 ng/ml



#6 beta-BHC

R.T.: 3.919 min
Delta R.T.: 0.014 min
Response: 117066122
Conc: 52.70 ng/ml



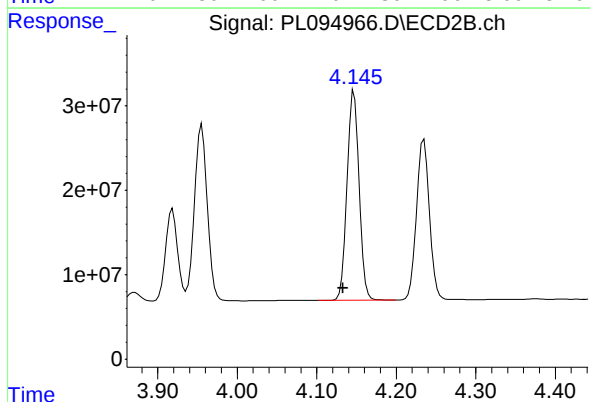
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 195582843
Conc: 50.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MSD

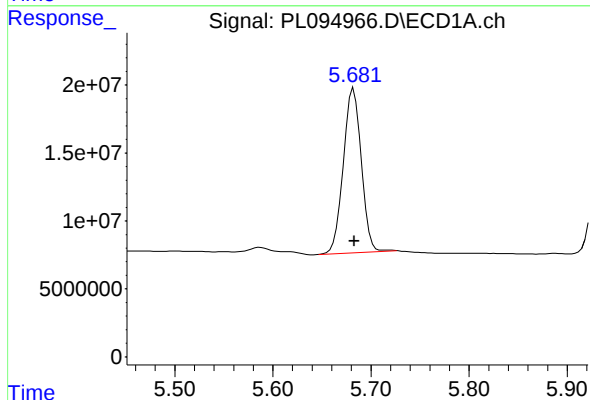
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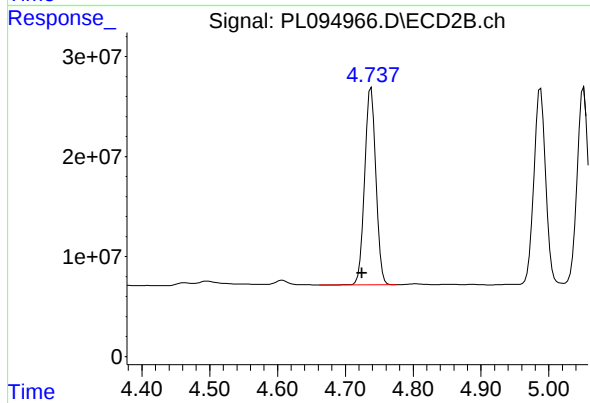
#7 delta-BHC

R.T.: 4.147 min
Delta R.T.: 0.014 min
Response: 260917107
Conc: 52.16 ng/ml



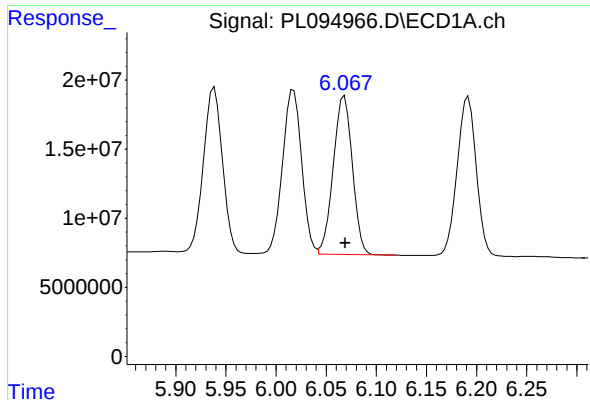
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 154931005
Conc: 46.31 ng/ml



#8 Heptachlor epoxide

R.T.: 4.738 min
Delta R.T.: 0.013 min
Response: 228414671
Conc: 49.89 ng/ml



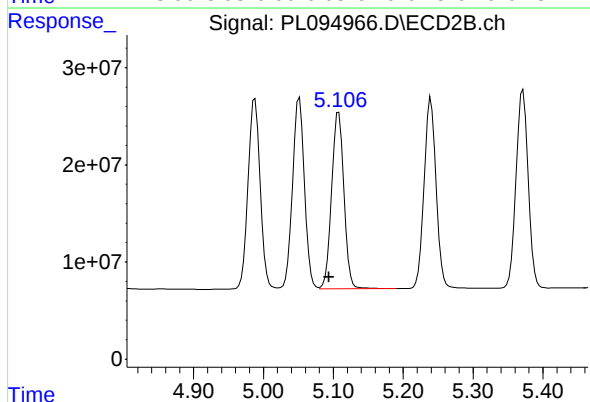
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 151709856
Conc: 49.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MSD

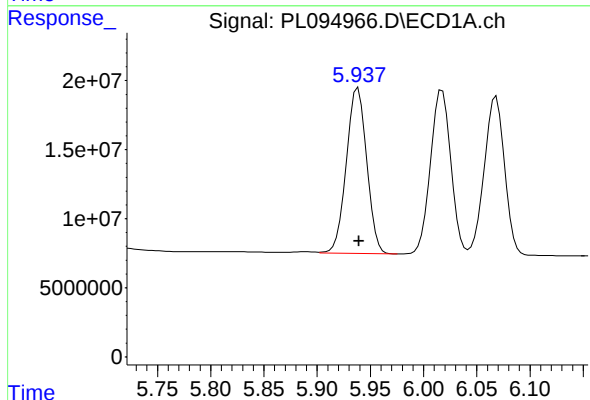
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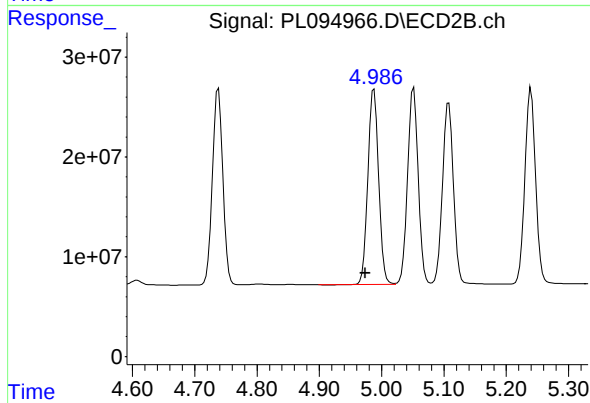
#9 Endosulfan I

R.T.: 5.108 min
Delta R.T.: 0.014 min
Response: 222442826
Conc: 50.68 ng/ml



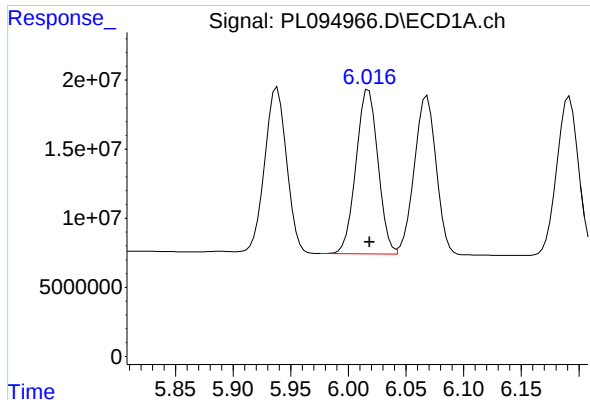
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: -0.001 min
Response: 158744099
Conc: 47.11 ng/ml



#10 gamma-Chlordane

R.T.: 4.988 min
Delta R.T.: 0.014 min
Response: 235357994
Conc: 48.74 ng/ml



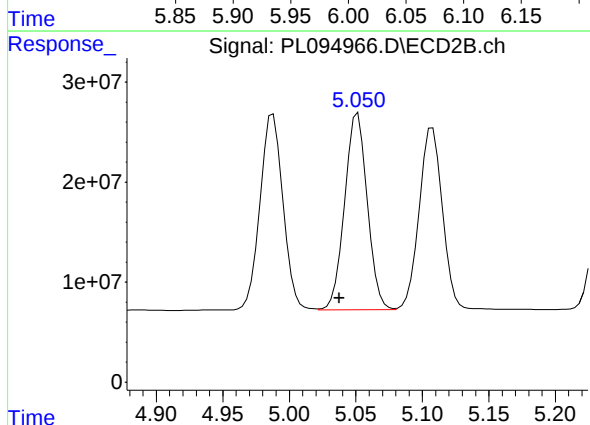
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 157969507
Conc: 47.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MSD

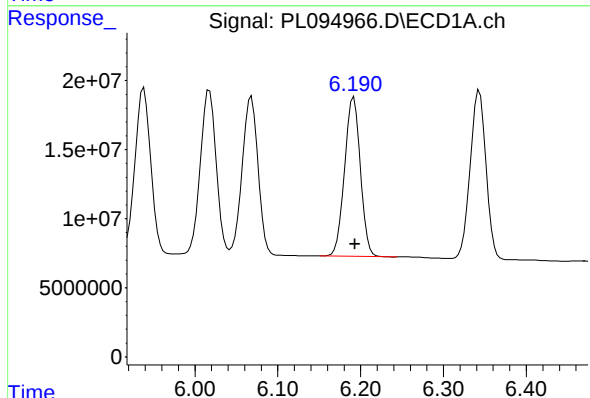
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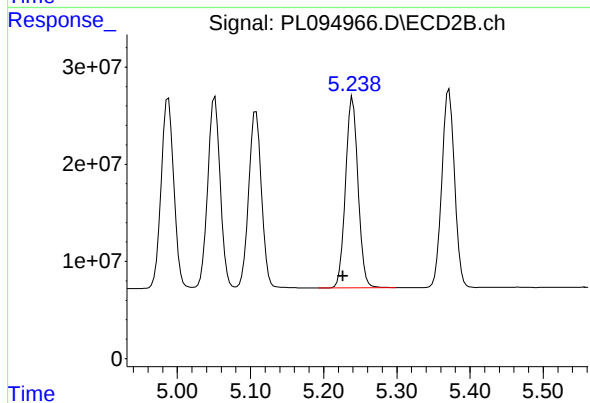
#11 alpha-Chlordane

R.T.: 5.051 min
Delta R.T.: 0.014 min
Response: 233374575
Conc: 48.90 ng/ml



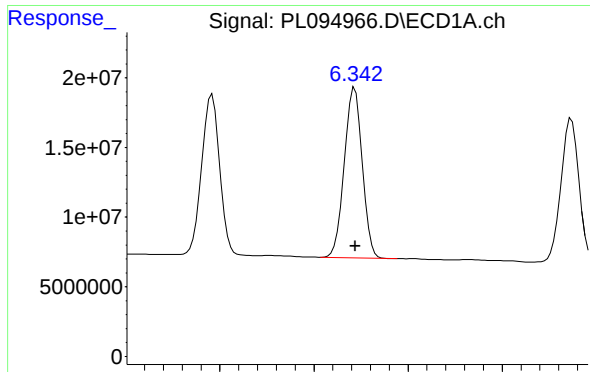
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: -0.001 min
Response: 152628531
Conc: 51.88 ng/ml



#12 4,4'-DDE

R.T.: 5.240 min
Delta R.T.: 0.013 min
Response: 233756363
Conc: 50.29 ng/ml



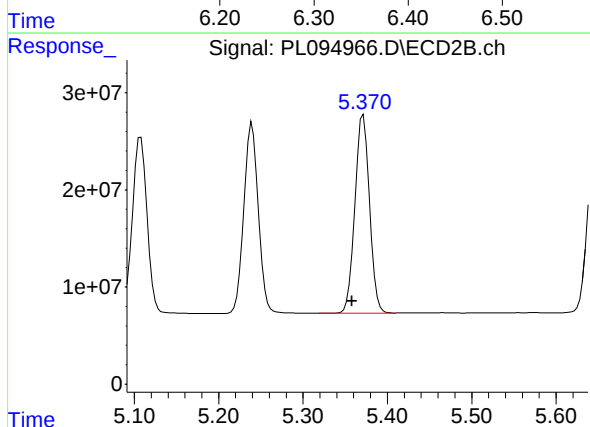
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 161840410
Conc: 50.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
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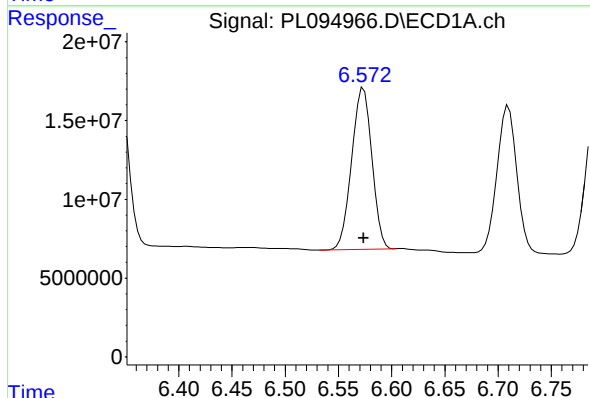
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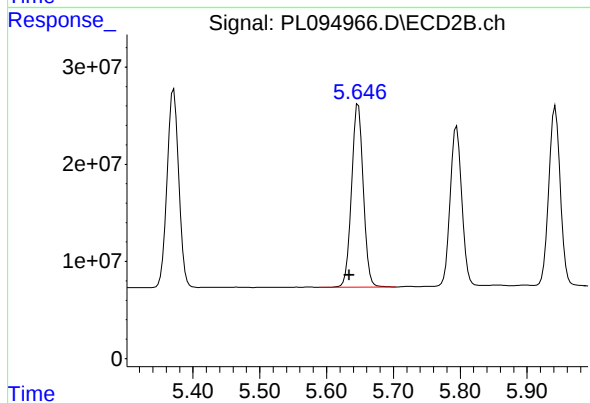
#13 Dieldrin

R.T.: 5.371 min
Delta R.T.: 0.013 min
Response: 246056948
Conc: 50.71 ng/ml



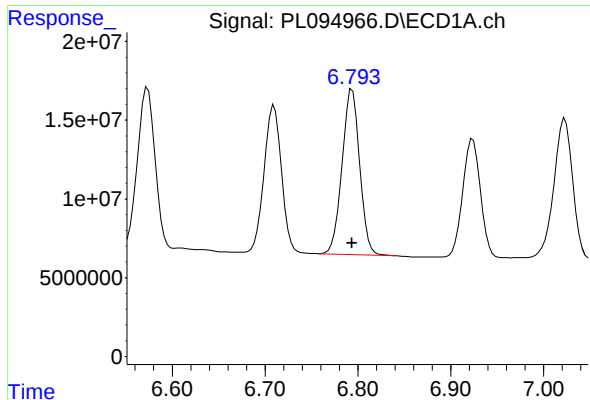
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 135249258
Conc: 48.79 ng/ml



#14 Endrin

R.T.: 5.647 min
Delta R.T.: 0.014 min
Response: 228649910
Conc: 52.40 ng/ml



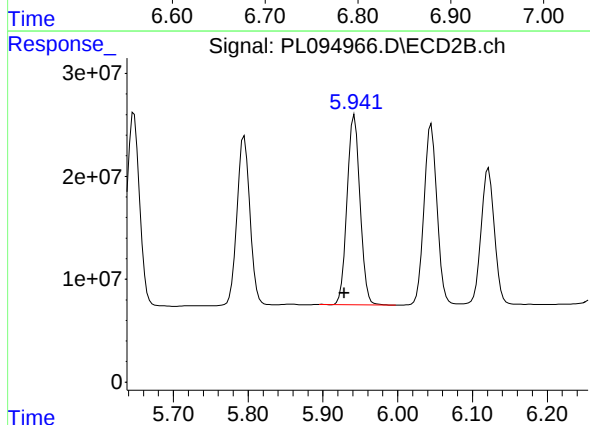
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 138758770
Conc: 51.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
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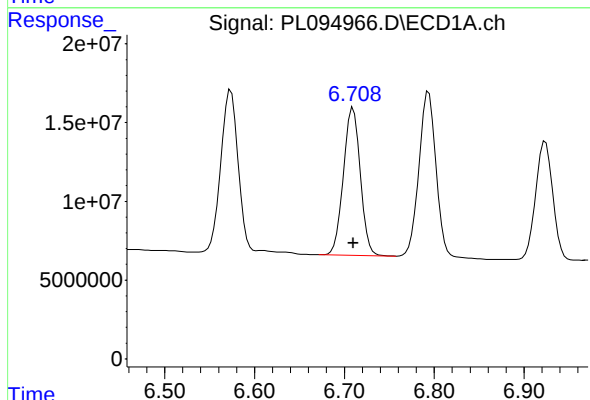
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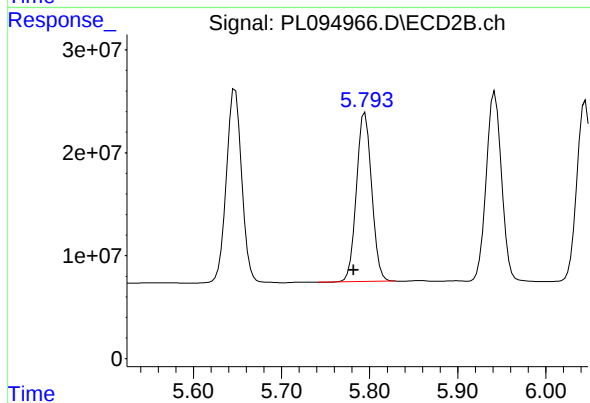
#15 Endosulfan II

R.T.: 5.942 min
Delta R.T.: 0.014 min
Response: 221970960
Conc: 51.28 ng/ml



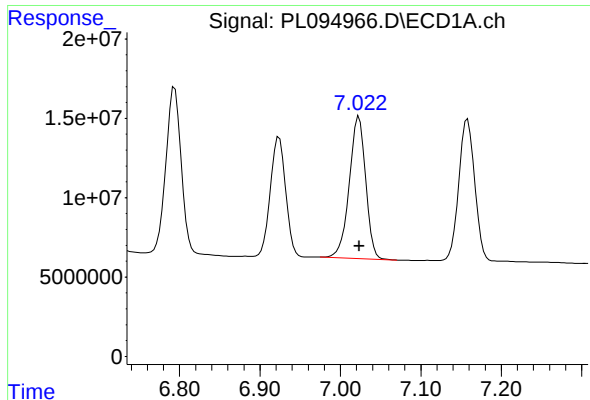
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 122660781
Conc: 56.63 ng/ml



#16 4,4'-DDD

R.T.: 5.795 min
Delta R.T.: 0.013 min
Response: 197678811
Conc: 54.97 ng/ml



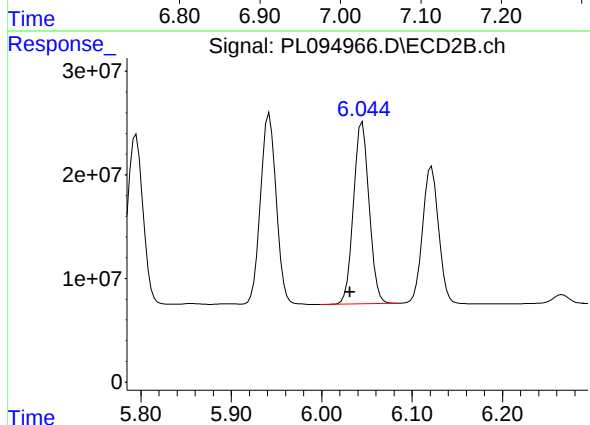
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 126621481
Conc: 53.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
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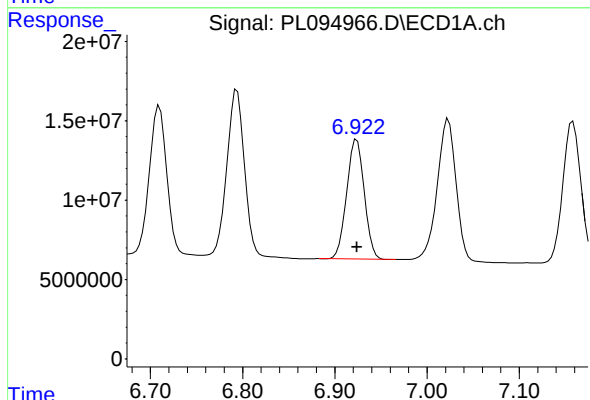
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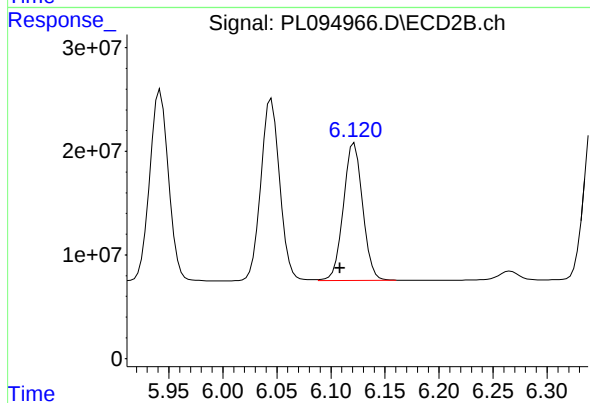
#17 4,4'-DDT

R.T.: 6.045 min
Delta R.T.: 0.013 min
Response: 211418562
Conc: 52.43 ng/ml



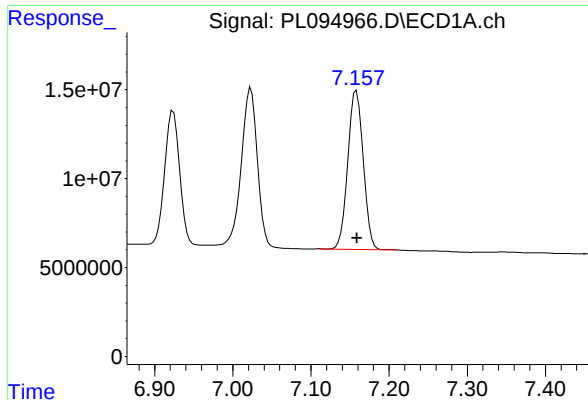
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 99689048
Conc: 47.22 ng/ml



#18 Endrin aldehyde

R.T.: 6.120 min
Delta R.T.: 0.012 min
Response: 163963804
Conc: 48.72 ng/ml m



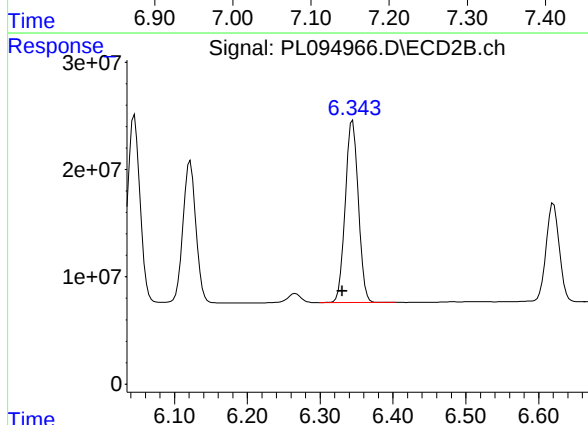
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 122812376
Conc: 50.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
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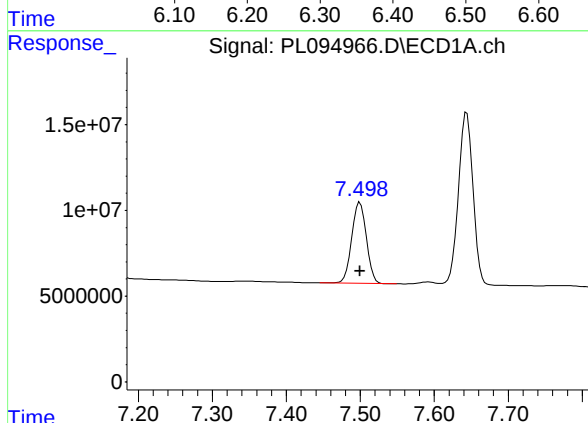
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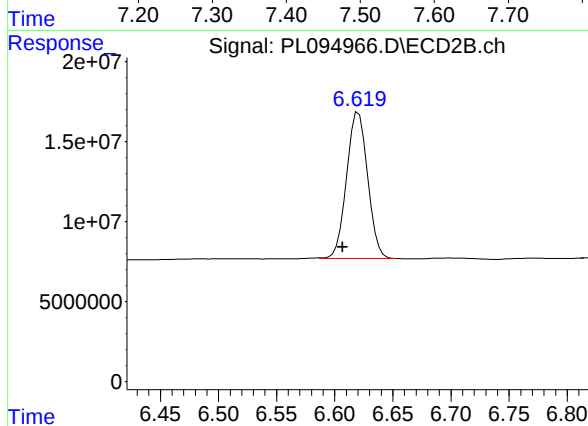
#19 Endosulfan Sulfate

R.T.: 6.345 min
Delta R.T.: 0.014 min
Response: 211873323
Conc: 52.01 ng/ml



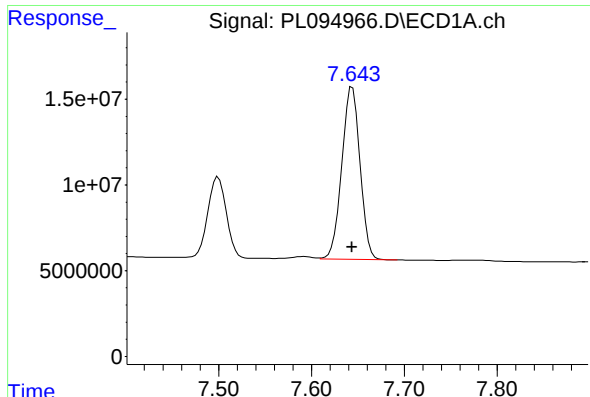
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 65058411
Conc: 54.35 ng/ml



#20 Methoxychlor

R.T.: 6.619 min
Delta R.T.: 0.012 min
Response: 115312140
Conc: 54.37 ng/ml m



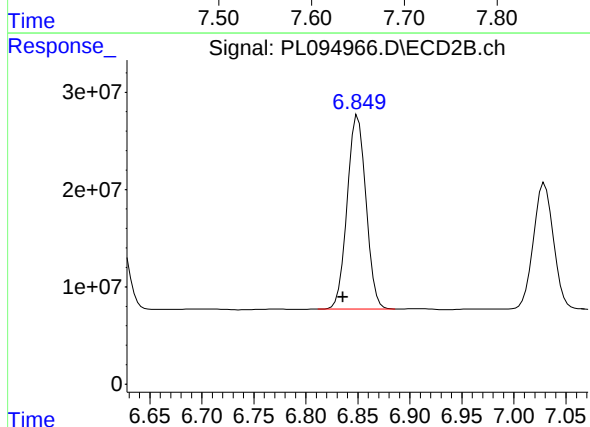
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 137418135
Conc: 51.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
P001-BBDGA-001-01MSD

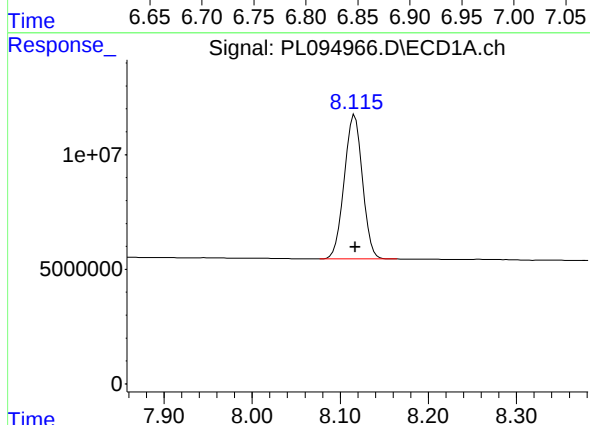
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/01/2025
Supervised By :mohammad ahmed 04/07/2025



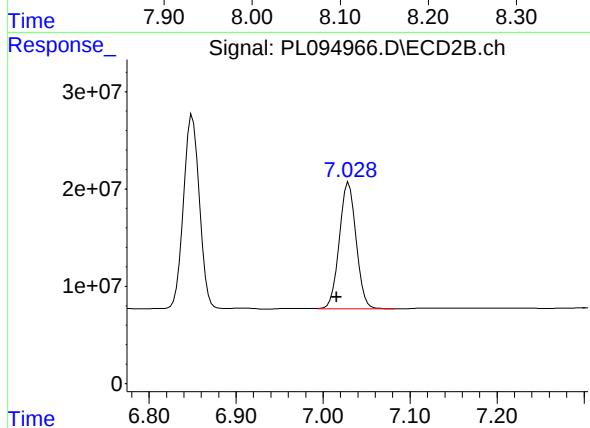
#21 Endrin ketone

R.T.: 6.849 min
Delta R.T.: 0.013 min
Response: 250210682
Conc: 52.43 ng/ml m



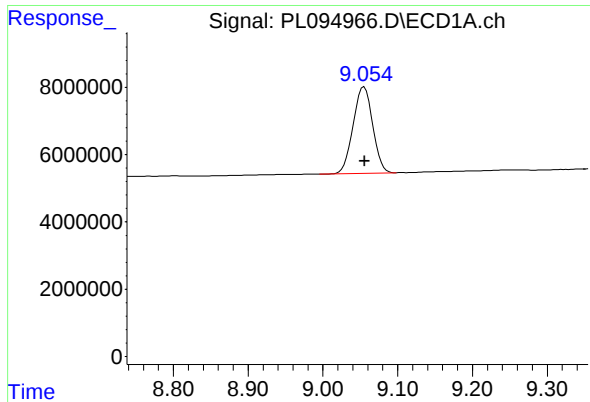
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 90494327
Conc: 43.80 ng/ml



#22 Mirex

R.T.: 7.028 min
Delta R.T.: 0.012 min
Response: 175322474
Conc: 46.19 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.000 min
Response: 46694794
Conc: 22.16 ng/ml

Instrument :

ECD_L

ClientSampleId :

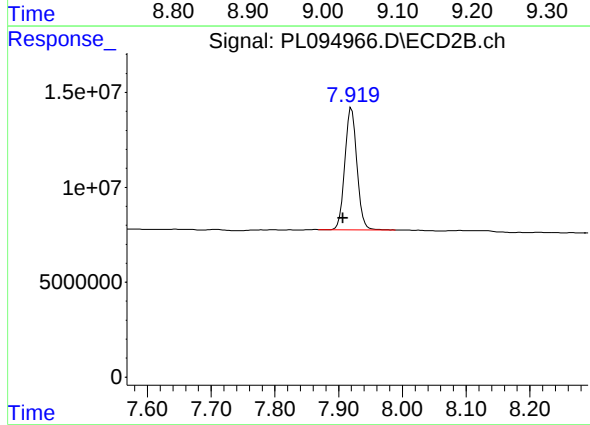
P001-BBDGA-001-01MSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 04/01/2025

Supervised By :mohammad ahmed 04/07/2025



#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: 0.013 min
Response: 84456836
Conc: 20.91 ng/ml