

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033125\
 Data File : PL094956.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Mar 2025 13:49
 Operator : AR\AJ
 Sample : Q1674-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RT5358MS

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 02:12:22 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...	3.537	2.771	39340288	48714804	13.898m	13.648
2) SA Decachlor...	9.056	7.904	31240108	58867683	14.824	14.574
Target Compounds						
2) A alpha-BHC	3.994	3.271	186.1E6	274.6E6	44.829	50.927m
3) MA gamma-BHC...	4.327	3.603	182.8E6	253.9E6	45.817	49.393
4) MA Heptachlor	4.914	3.940	174.6E6	251.8E6	44.984	47.800
5) MB Aldrin	5.256	4.219	169.1E6	236.4E6	45.793	48.489
6) B beta-BHC	4.526	3.903	84403769	113.7E6	45.742	51.177
7) B delta-BHC	4.772	4.131	186.6E6	243.7E6	47.918	48.728
8) B Heptachlo...	5.684	4.722	159.1E6	229.6E6	47.563	50.152
9) A Endosulfan I	6.069	5.092	145.0E6	202.7E6	47.231	46.177
10) B gamma-Chl...	5.939	4.972	179.0E6	290.9E6	53.117	60.239
11) B alpha-Chl...	6.019	5.035	194.8E6	266.8E6	59.097	55.905
12) B 4,4'-DDE	6.192	5.224	151.8E6	248.6E6	51.595	53.488
13) MA Dieldrin	6.344	5.356	158.3E6	247.6E6	49.508	51.027
14) MA Endrin	6.574	5.631	128.6E6	224.1E6	46.387	51.353
15) B Endosulfa...	6.795	5.927	133.5E6	221.3E6	49.178	51.131
16) A 4,4'-DDD	6.709	5.779	124.4E6	185.7E6	57.424m	51.638
17) MA 4,4'-DDT	7.024	6.030	130.2E6	222.1E6	54.734	55.084
18) B Endrin al...	6.923	6.107	104.4E6	169.8E6	49.463m	50.454
19) B Endosulfa...	7.160	6.329	120.5E6	206.4E6	49.534	50.661
20) A Methoxychlor	7.501	6.603	62487411	110.5E6	52.200	52.120m
21) B Endrin ke...	7.644	6.833	135.4E6	236.9E6	51.242m	49.645m
22) Mirex	8.117	7.012	94020988	180.7E6	45.502	47.603m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033125\
Data File : PL094956.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Mar 2025 13:49
Operator : AR\AJ
Sample : Q1674-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

RT5358MS

Manual Integrations

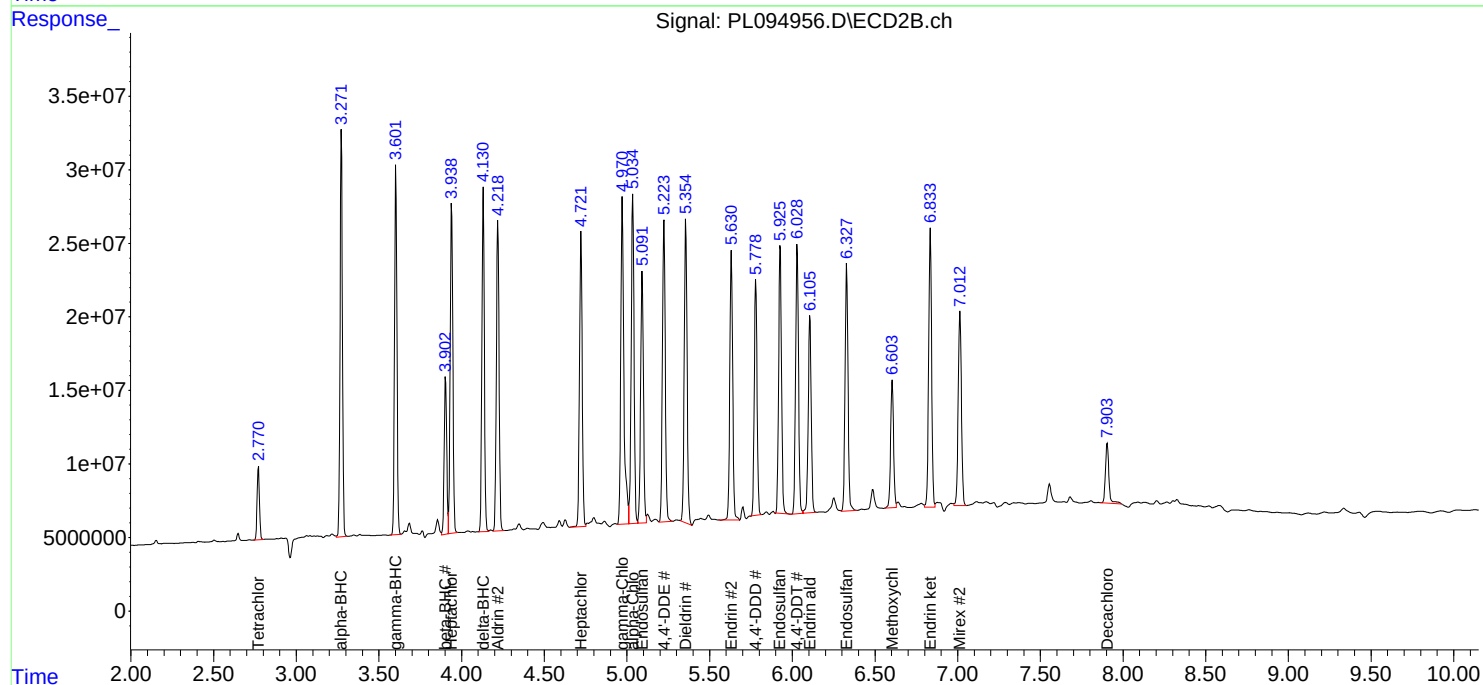
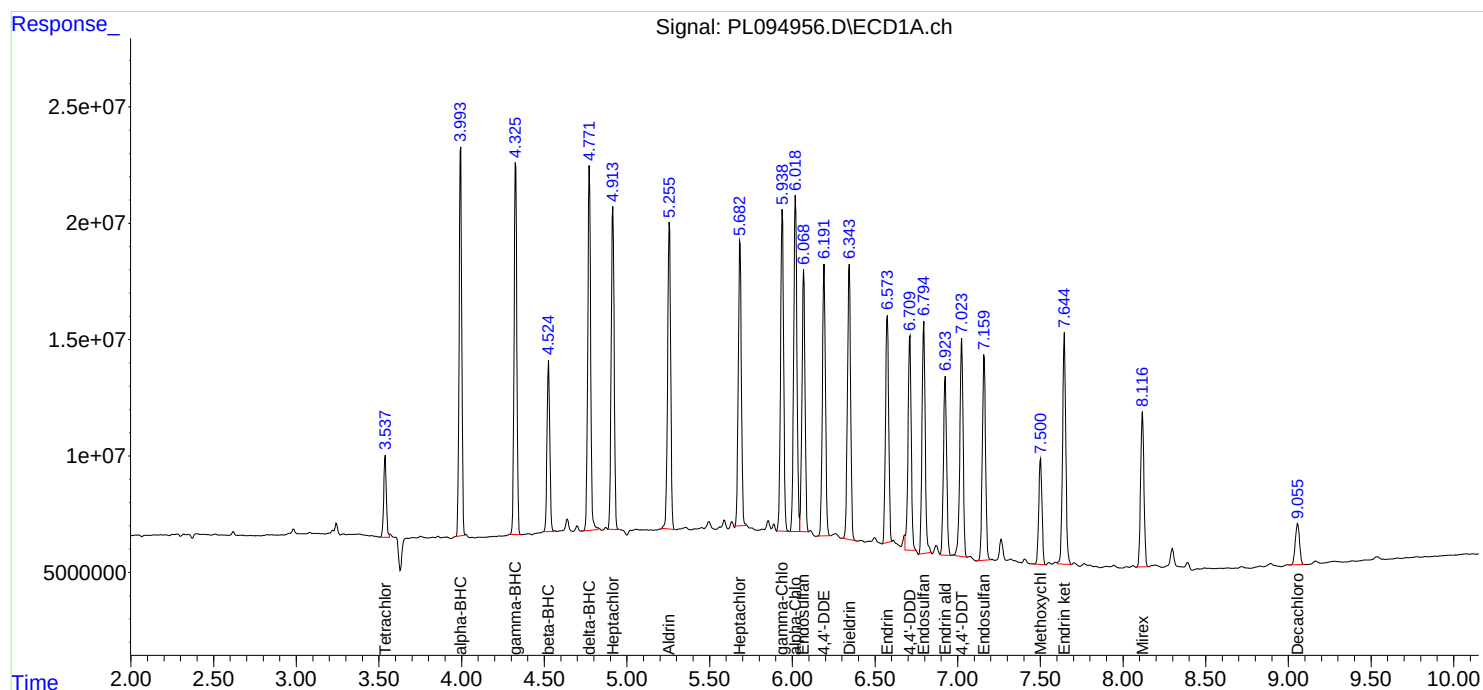
APPROVED

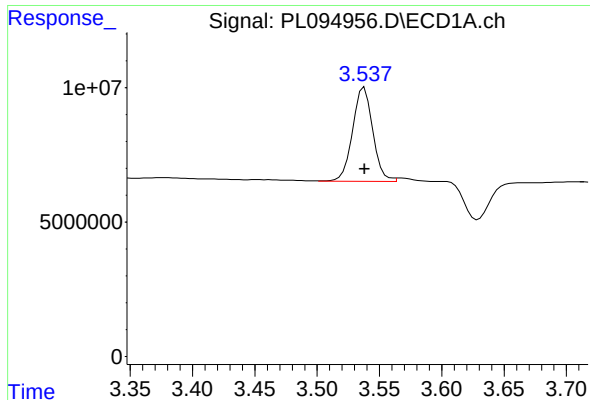
Reviewed By :Abdul Mirza 04/01/2025

Supervised By :mohammad ahmed 04/07/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 01 02:12:22 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





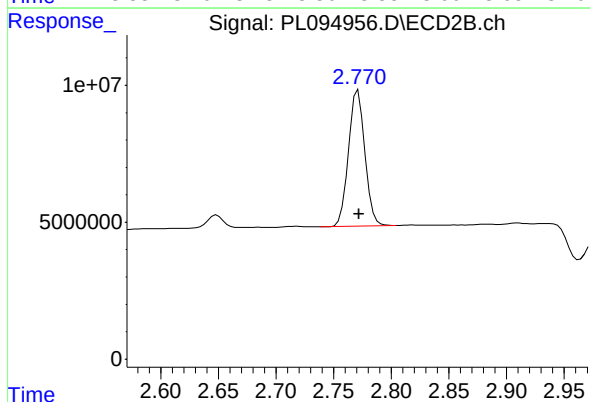
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: -0.001 min
Response: 39340288
Conc: 13.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT5358MS

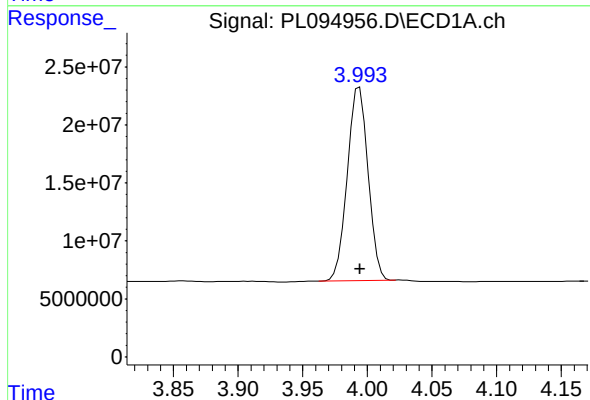
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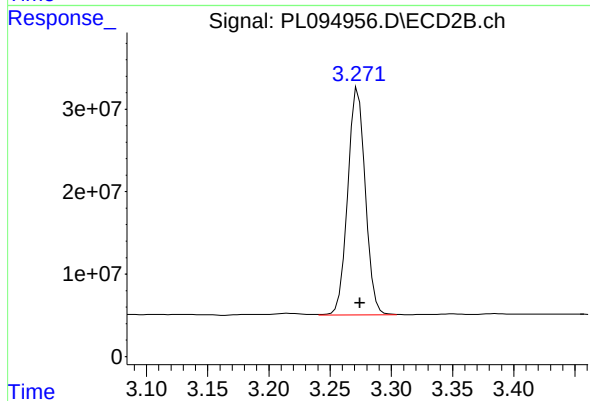
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 48714804
Conc: 13.65 ng/ml



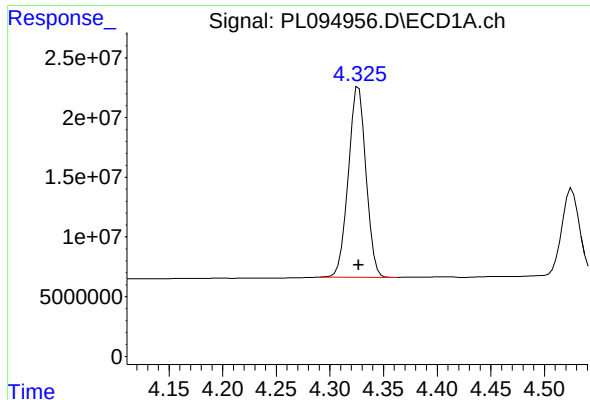
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 186147188
Conc: 44.83 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.003 min
Response: 274567662
Conc: 50.93 ng/ml m



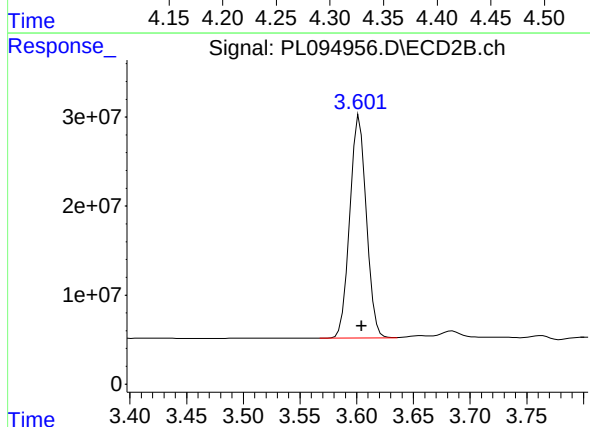
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 182821523
Conc: 45.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT5358MS

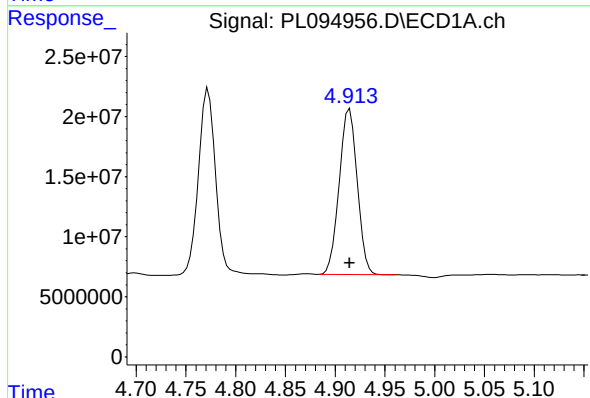
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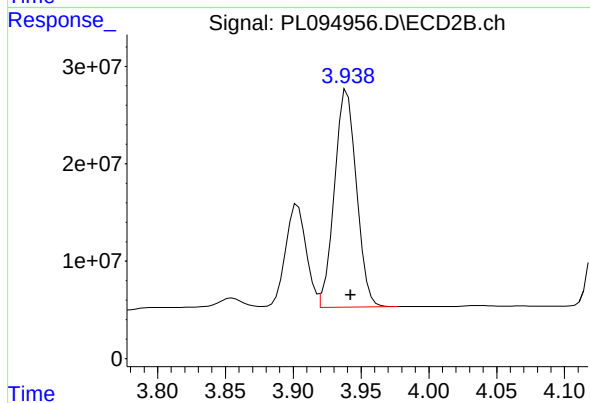
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: -0.002 min
Response: 253855264
Conc: 49.39 ng/ml



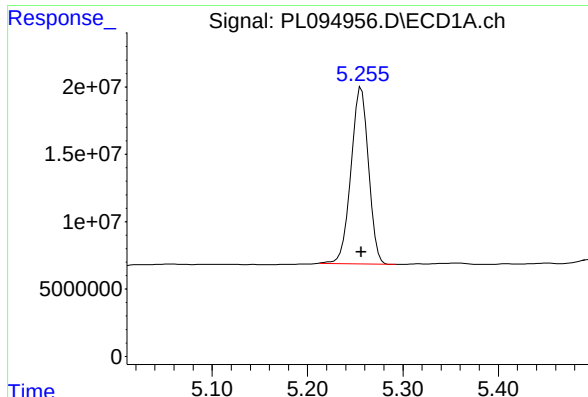
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 174612655
Conc: 44.98 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: -0.003 min
Response: 251843585
Conc: 47.80 ng/ml



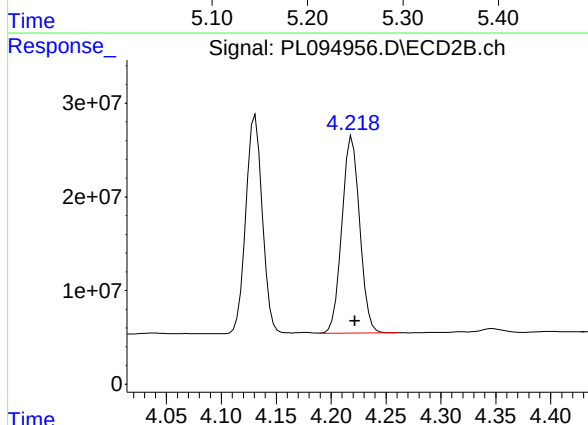
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 169076142
Conc: 45.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT5358MS

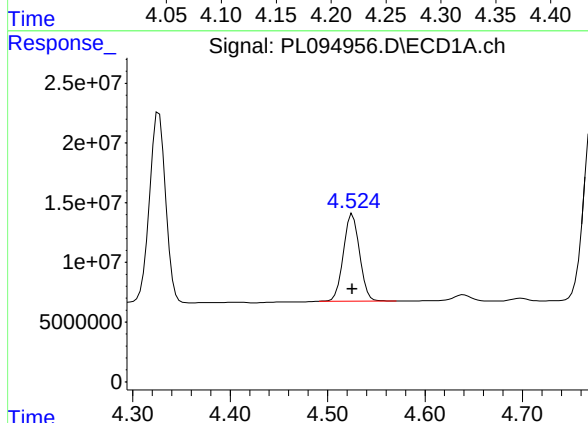
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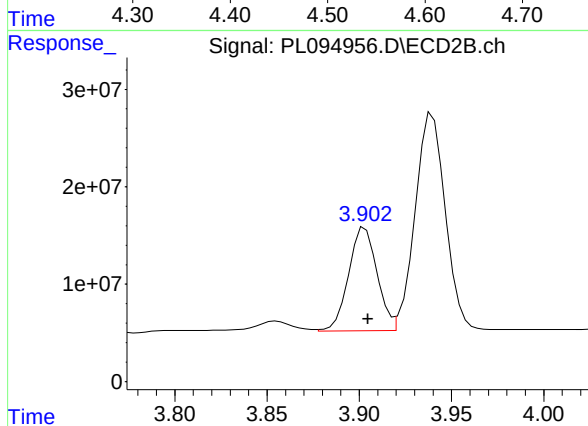
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: -0.003 min
Response: 236448909
Conc: 48.49 ng/ml



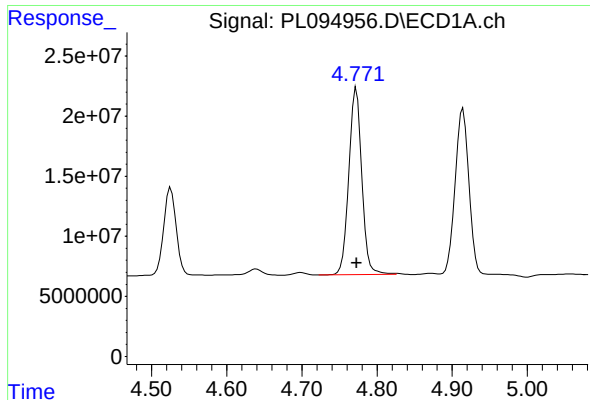
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 84403769
Conc: 45.74 ng/ml



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: -0.002 min
Response: 113679861
Conc: 51.18 ng/ml



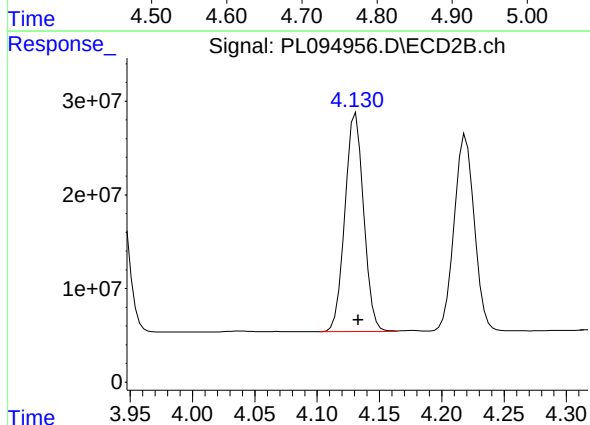
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 186607069
Conc: 47.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT5358MS

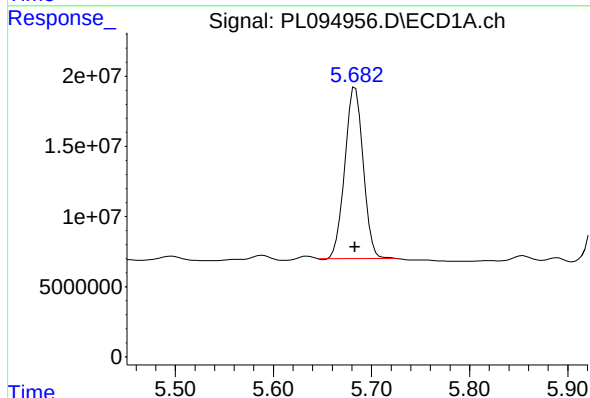
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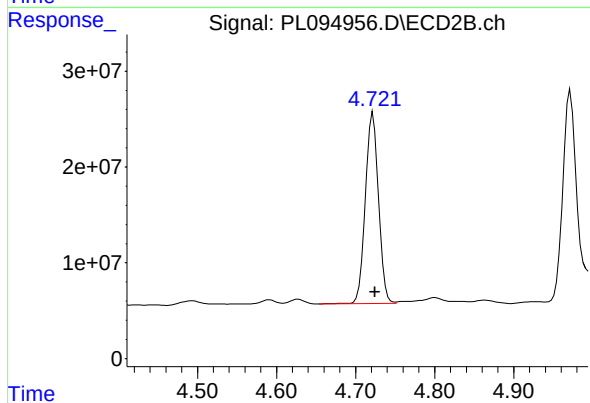
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.002 min
Response: 243738427
Conc: 48.73 ng/ml



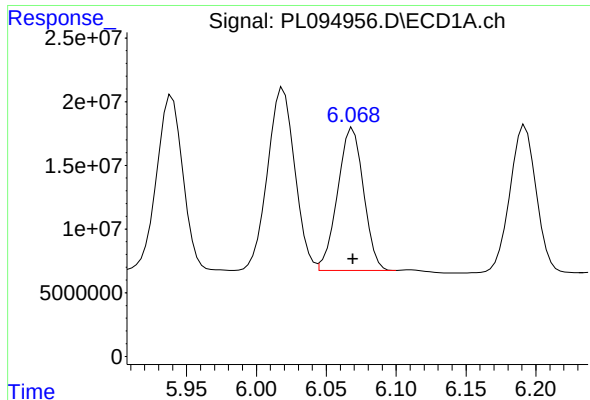
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 159107458
Conc: 47.56 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: -0.003 min
Response: 229626416
Conc: 50.15 ng/ml



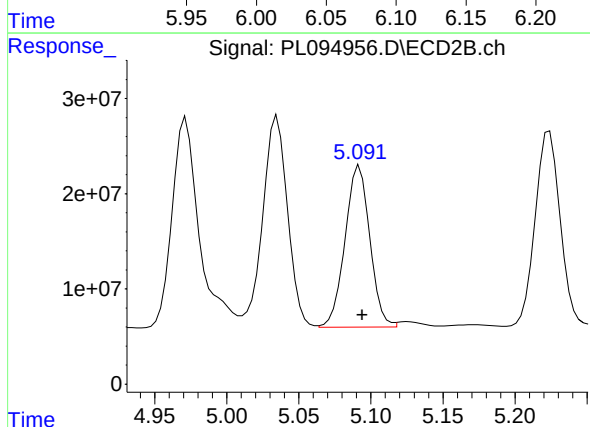
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 145008292
Conc: 47.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT5358MS

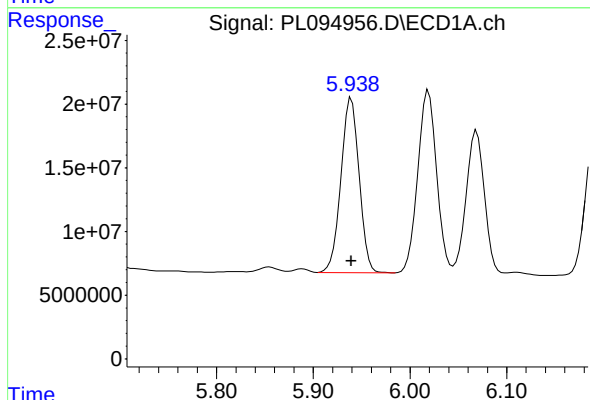
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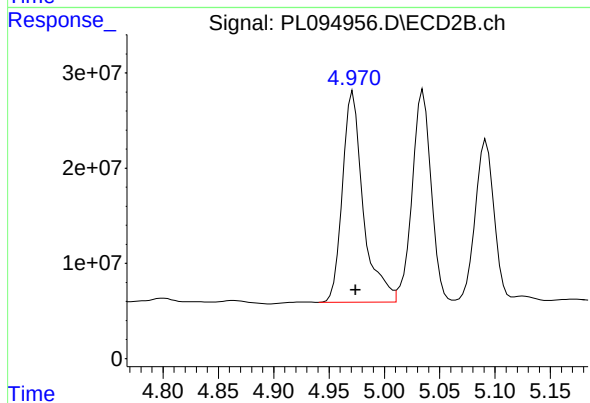
#9 Endosulfan I

R.T.: 5.092 min
Delta R.T.: -0.002 min
Response: 202656806
Conc: 46.18 ng/ml



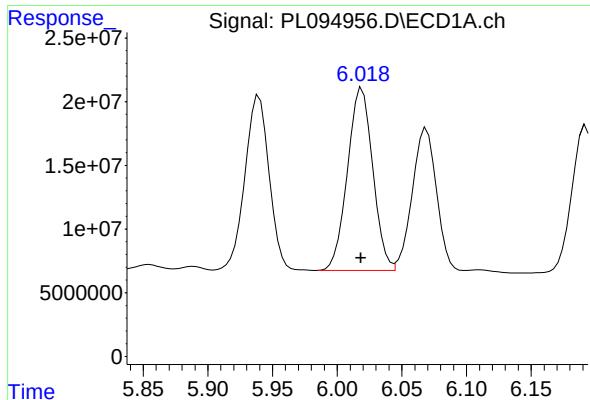
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 178969542
Conc: 53.12 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: -0.002 min
Response: 290859600
Conc: 60.24 ng/ml



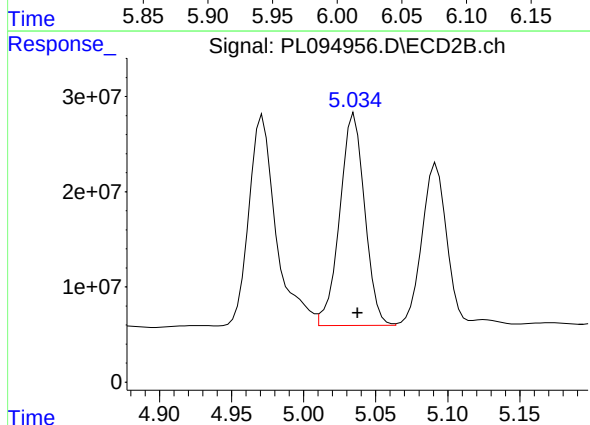
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 194832073
Conc: 59.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT5358MS

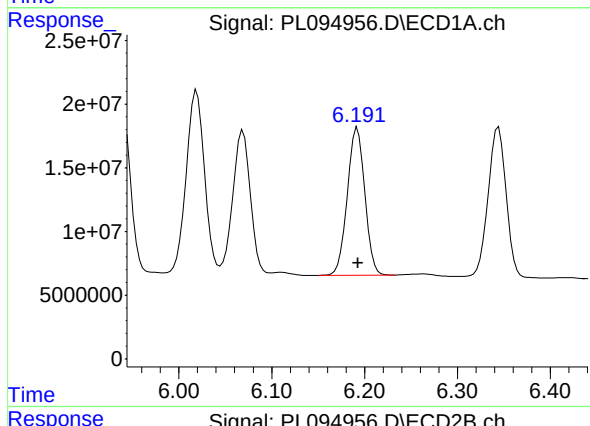
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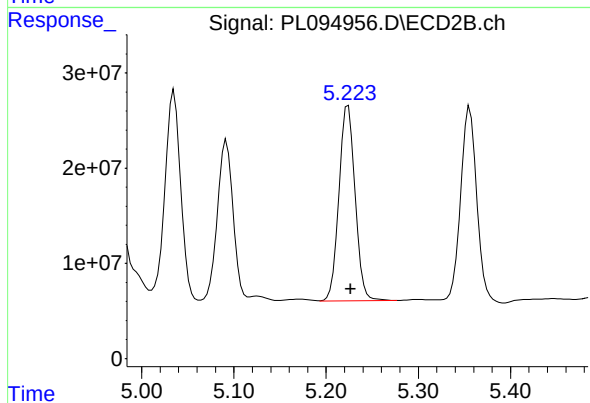
#11 alpha-Chlordane

R.T.: 5.035 min
Delta R.T.: -0.003 min
Response: 266820415
Conc: 55.90 ng/ml



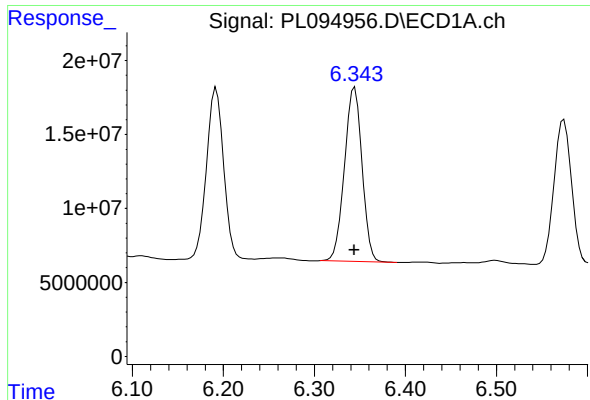
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 151794151
Conc: 51.59 ng/ml



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: -0.003 min
Response: 248639229
Conc: 53.49 ng/ml



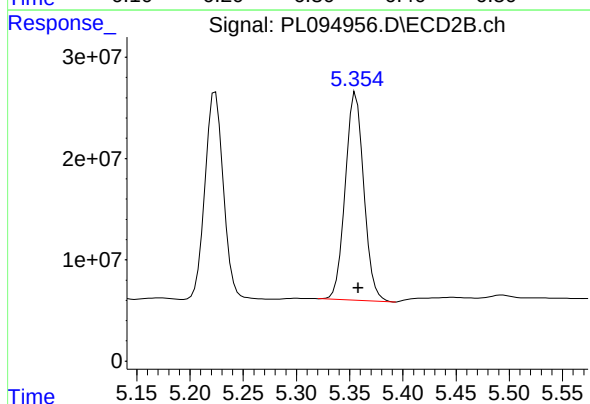
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 158333232
Conc: 49.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT5358MS

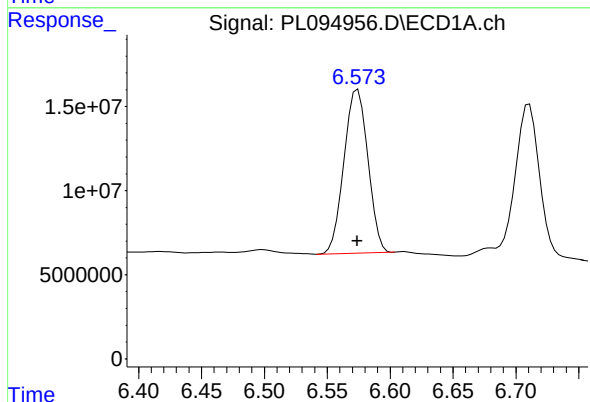
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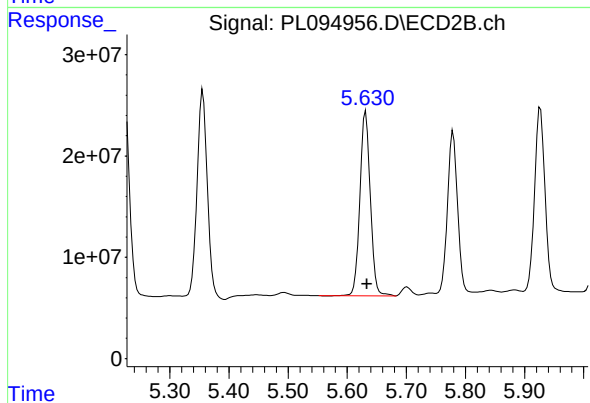
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: -0.002 min
Response: 247572817
Conc: 51.03 ng/ml



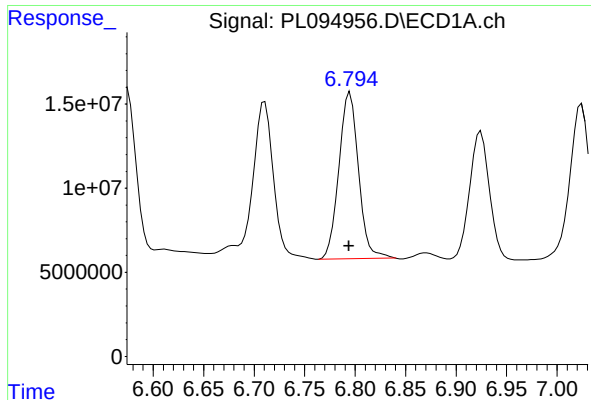
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 128588526
Conc: 46.39 ng/ml



#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.002 min
Response: 224086218
Conc: 51.35 ng/ml



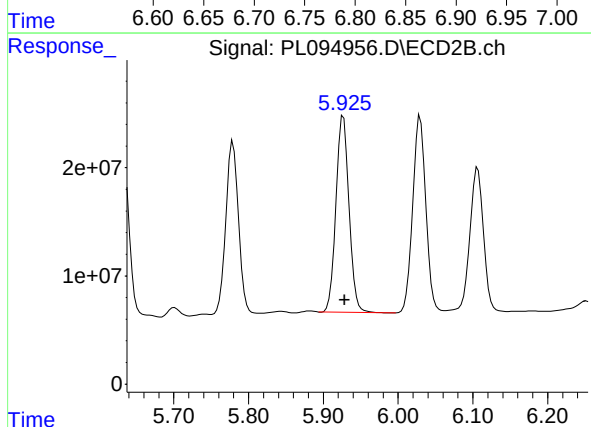
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: 0.001 min
Response: 133504354
Conc: 49.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT5358MS

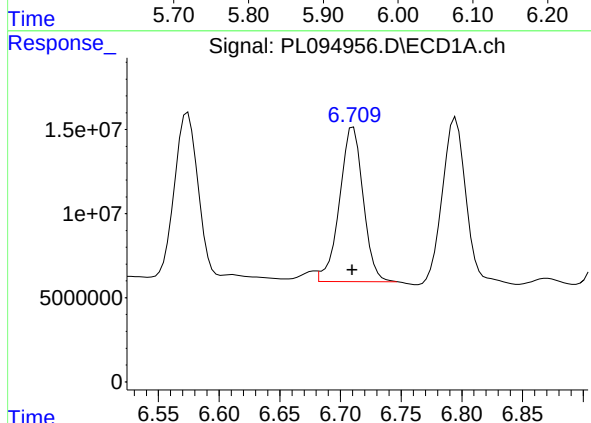
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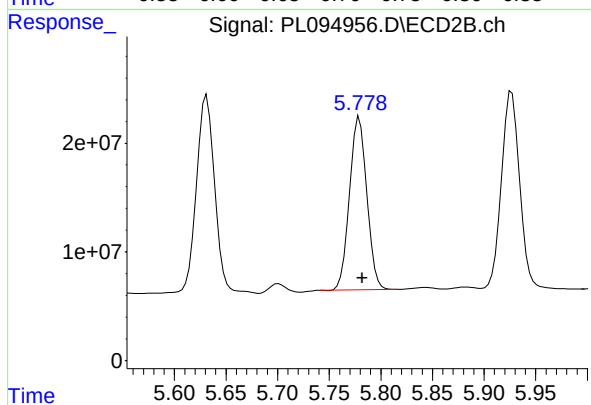
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: -0.002 min
Response: 221307605
Conc: 51.13 ng/ml



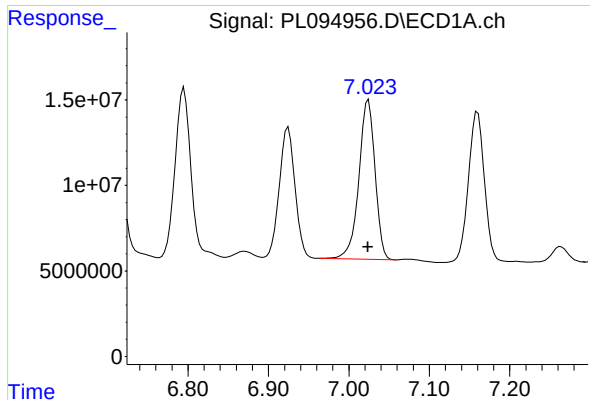
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 124383249
Conc: 57.42 ng/ml m



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 185685096
Conc: 51.64 ng/ml



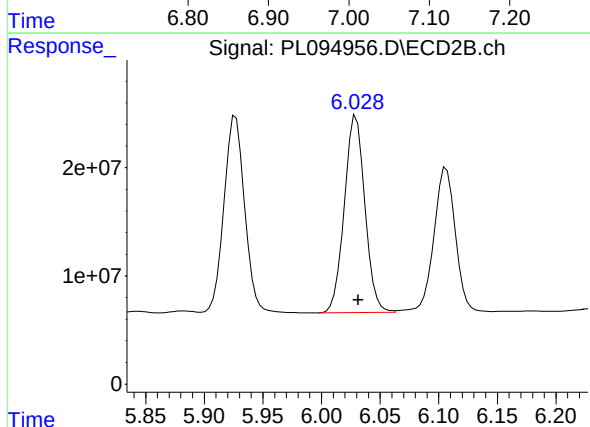
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 130188131
Conc: 54.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT5358MS

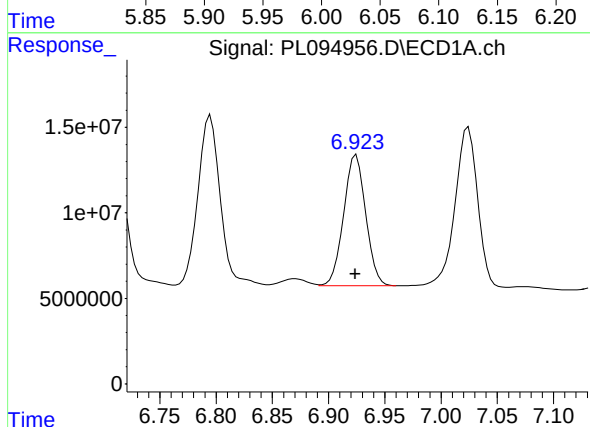
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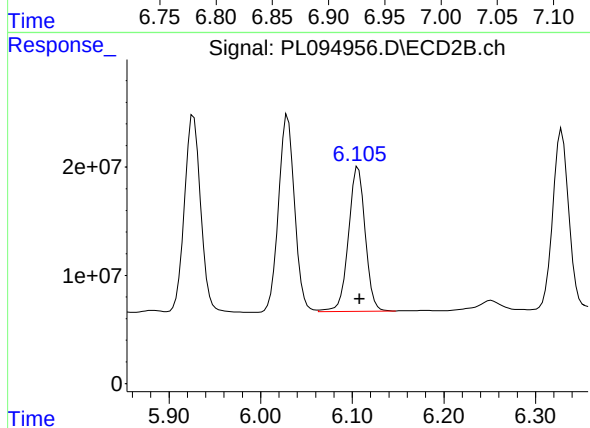
#17 4,4'-DDT

R.T.: 6.030 min
Delta R.T.: -0.002 min
Response: 222104246
Conc: 55.08 ng/ml



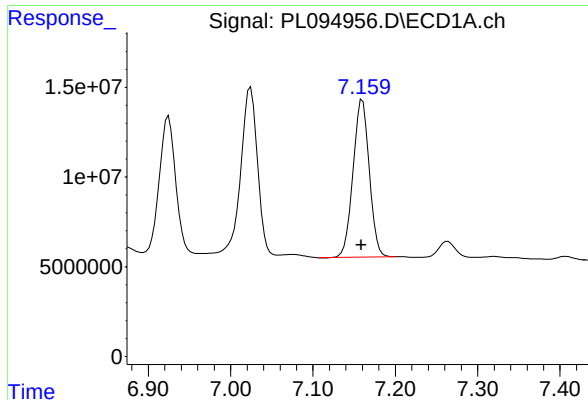
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 104416167
Conc: 49.46 ng/ml m



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: -0.002 min
Response: 169796133
Conc: 50.45 ng/ml



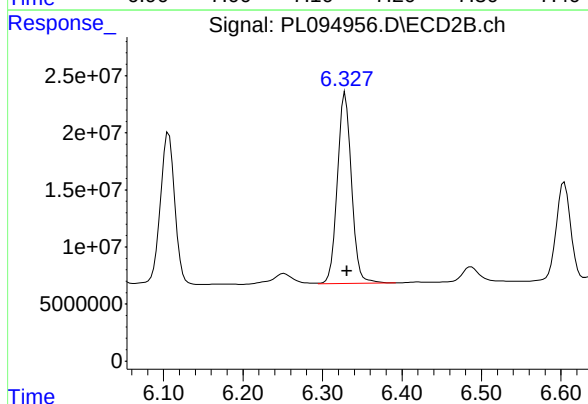
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: 0.001 min
Response: 120468480
Conc: 49.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT5358MS

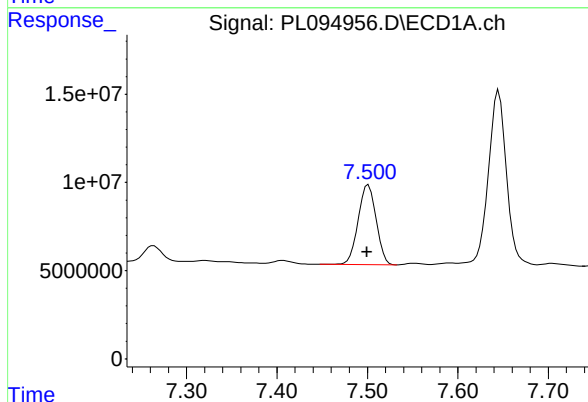
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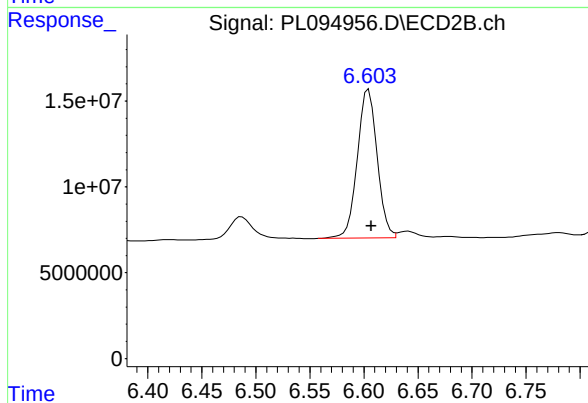
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.002 min
Response: 206363184
Conc: 50.66 ng/ml



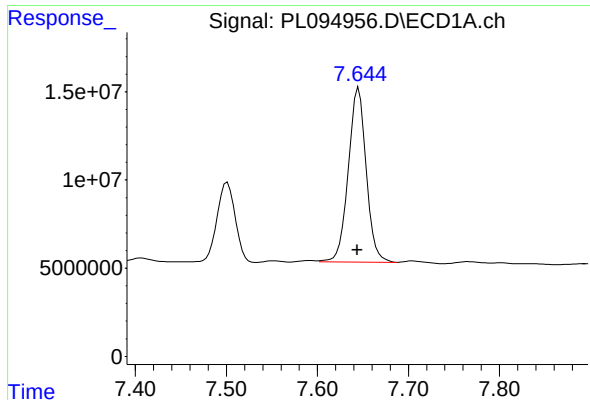
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.001 min
Response: 62487411
Conc: 52.20 ng/ml



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: -0.004 min
Response: 110549694
Conc: 52.12 ng/ml m



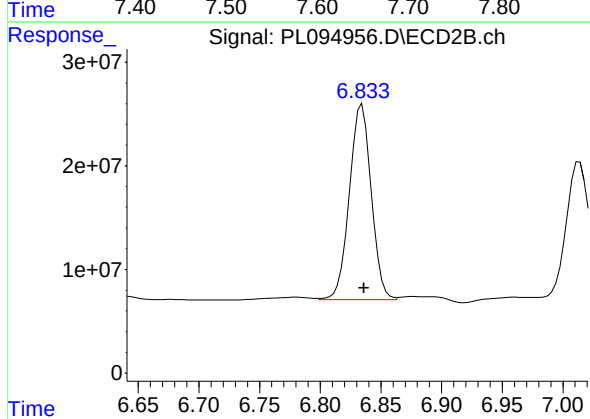
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 135446756
Conc: 51.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT5358MS

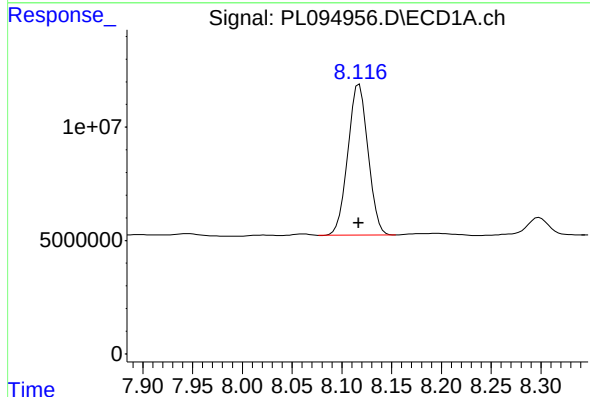
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Reviewed By :Abdul Mirza 04/01/2025
Supervised By :mohammad ahmed 04/07/2025



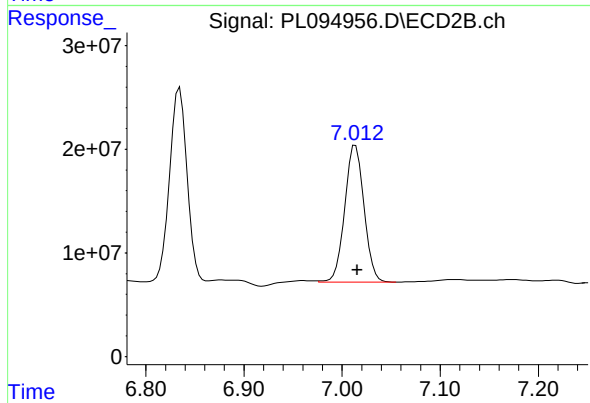
#21 Endrin ketone

R.T.: 6.833 min
Delta R.T.: -0.003 min
Response: 236933409
Conc: 49.64 ng/ml m



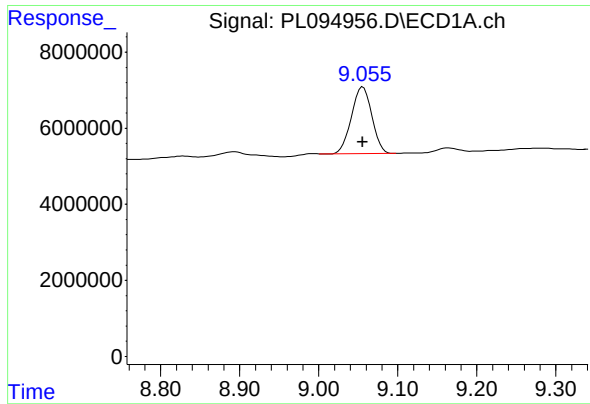
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 94020988
Conc: 45.50 ng/ml



#22 Mirex

R.T.: 7.012 min
Delta R.T.: -0.003 min
Response: 180669275
Conc: 47.60 ng/ml m



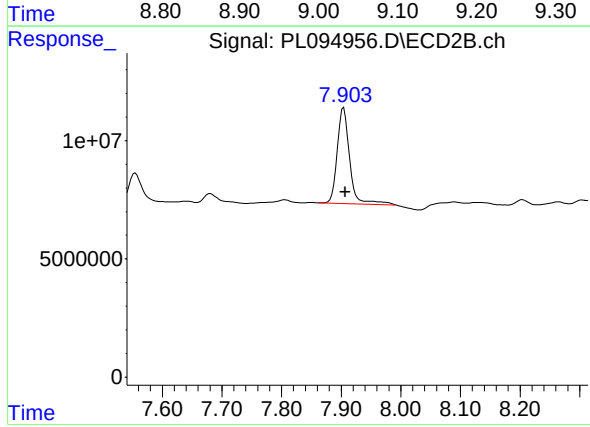
#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.000 min
Response: 31240108
Conc: 14.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT5358MS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.904 min
Delta R.T.: -0.003 min
Response: 58867683
Conc: 14.57 ng/ml