

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032625\
 Data File : PL094871.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Mar 2025 14:29
 Operator : AR\AJ
 Sample : PB167320BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167320BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/27/2025
 Supervised By :mohammad ahmed 03/28/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 27 02:04:13 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	2.769	56657138	78479448	20.015m	21.988
28)	SA Decachlor...	9.054	7.903	50804463	96179742	24.107	23.811
Target Compounds							
2)	A alpha-BHC	3.995	3.271	187.8E6	286.5E6	45.218	53.145
3)	MA gamma-BHC...	4.327	3.601	179.5E6	265.6E6	44.988	51.677
4)	MA Heptachlor	4.915	3.939	172.1E6	258.0E6	44.335	48.964
5)	MB Aldrin	5.256	4.218	163.1E6	241.2E6	44.180	49.464
6)	B beta-BHC	4.526	3.901	80890504	113.1E6	43.838	50.913
7)	B delta-BHC	4.773	4.130	184.7E6	256.3E6	47.417	51.242
8)	B Heptachlo...	5.683	4.721	151.3E6	228.2E6	45.215	49.844
9)	A Endosulfan I	6.068	5.090	142.7E6	210.3E6	46.473	47.922
10)	B gamma-Chl...	5.939	4.970	153.7E6	239.6E6	45.628	49.623
11)	B alpha-Chl...	6.018	5.034	152.5E6	235.7E6	46.243	49.374
12)	B 4,4'-DDE	6.192	5.221	150.0E6	240.3E6	50.979	51.698m
13)	MA Dieldrin	6.343	5.352	152.5E6	244.7E6	47.699	50.444m
14)	MA Endrin	6.573	5.629	135.3E6	221.5E6	48.795	50.765
15)	B Endosulfa...	6.793	5.924	130.2E6	218.2E6	47.962	50.412
16)	A 4,4'-DDD	6.709	5.777	115.9E6	195.5E6	53.491	54.356
17)	MA 4,4'-DDT	7.023	6.027	124.1E6	216.0E6	52.160	53.567
18)	B Endrin al...	6.924	6.104	103.0E6	171.1E6	48.798	50.847
19)	B Endosulfa...	7.158	6.327	116.1E6	213.0E6	47.724	52.278
20)	A Methoxychlor	7.499	6.603	64999960	118.0E6	54.299	55.638
21)	B Endrin ke...	7.643	6.831	129.0E6	256.6E6	48.793	53.755m
22)	Mirex	8.115	7.010	95454741	188.3E6	46.196	49.624m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032625\
Data File : PL094871.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Mar 2025 14:29
Operator : AR\AJ
Sample : PB167320BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

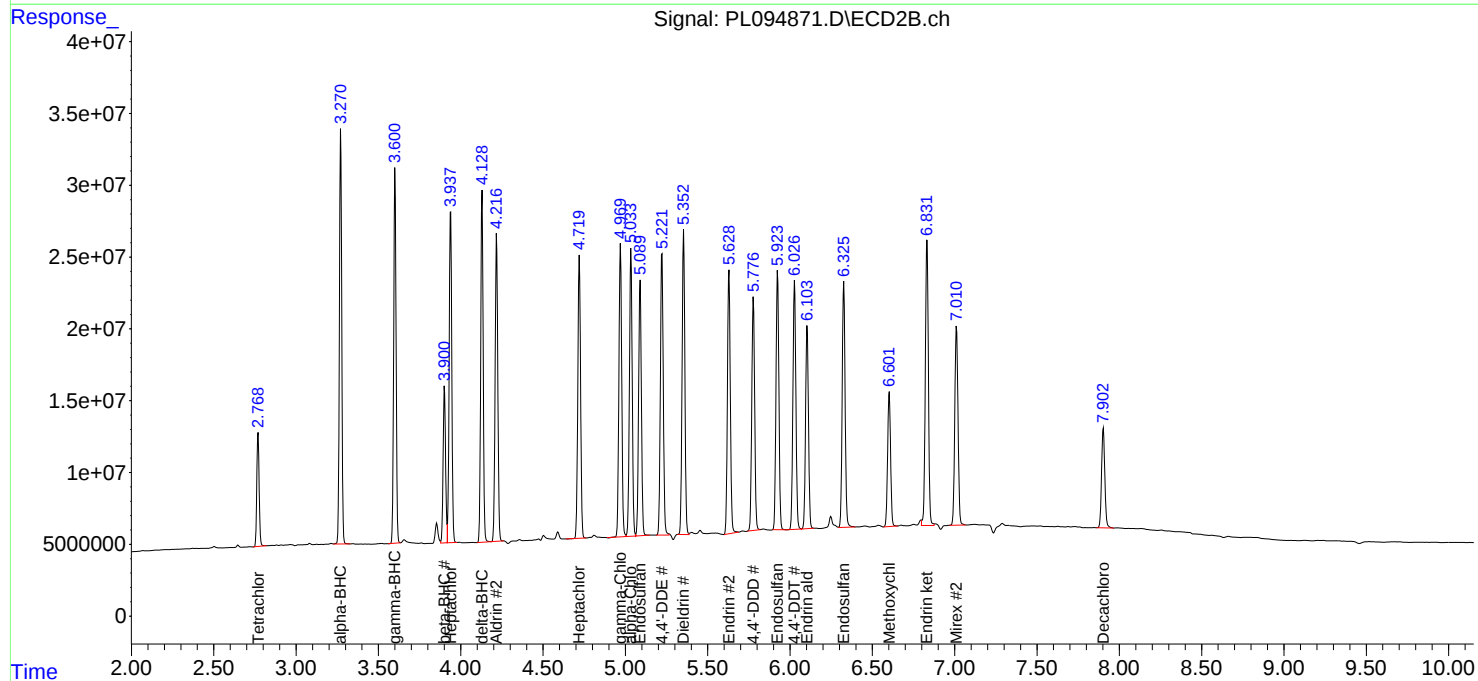
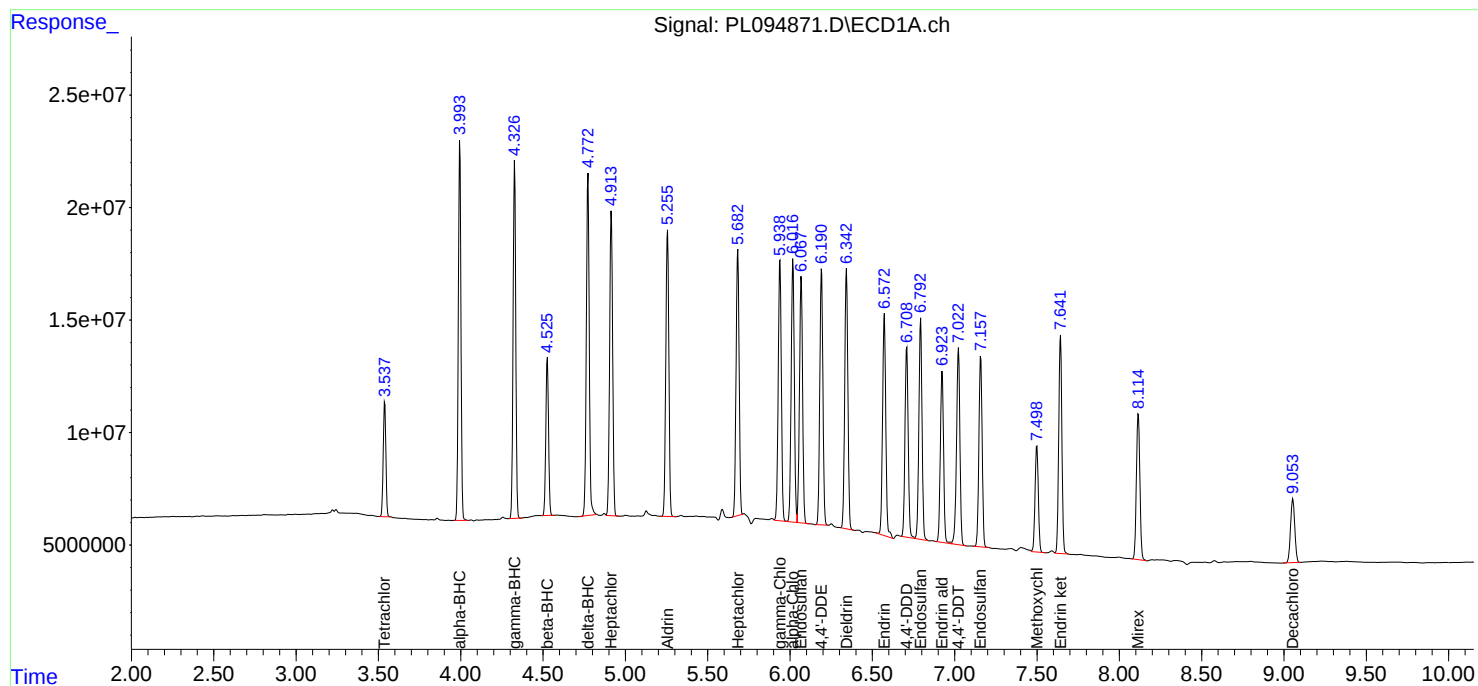
Instrument :
ECD_L
ClientSampleId :
PB167320BS

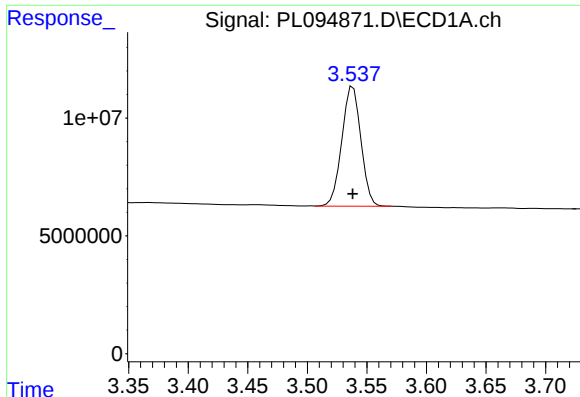
Manual Integrations
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Supervised By :mohammad ahmed 03/28/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 27 02:04:13 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: 56657138
Conc: 20.02 ng/ml

Instrument :

ECD_L

ClientSampleId :

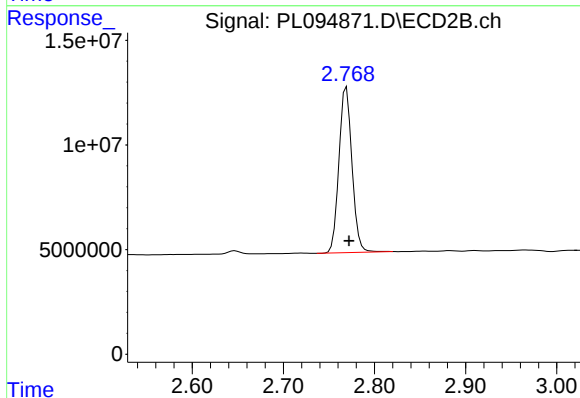
PB167320BS

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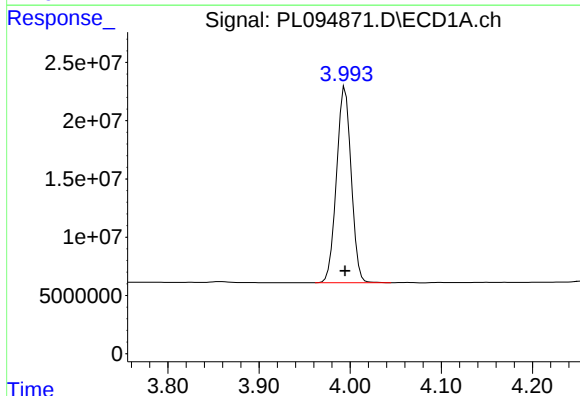
Reviewed By :Abdul Mirza 03/27/2025

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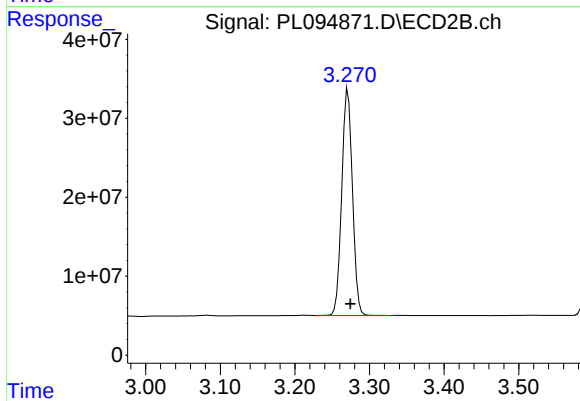
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 78479448
Conc: 21.99 ng/ml



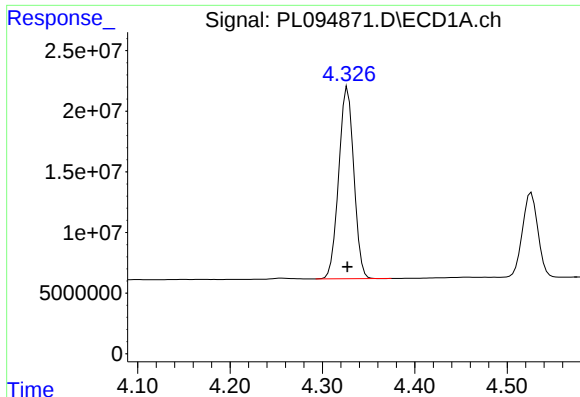
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 187760138
Conc: 45.22 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.003 min
Response: 286522407
Conc: 53.14 ng/ml



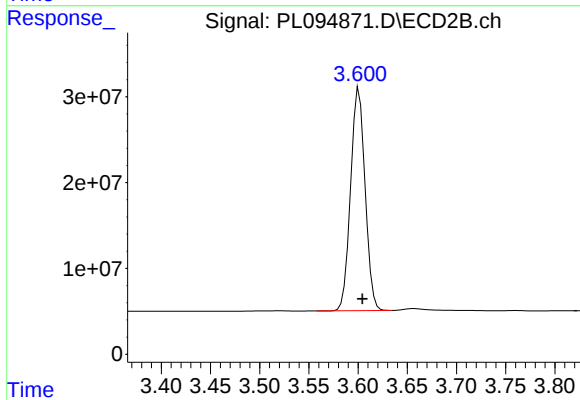
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 179513962
Conc: 44.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167320BS

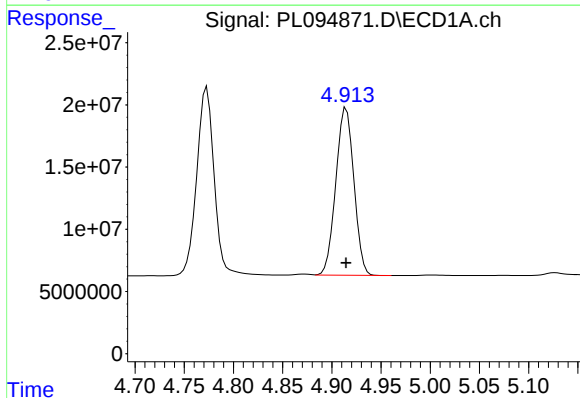
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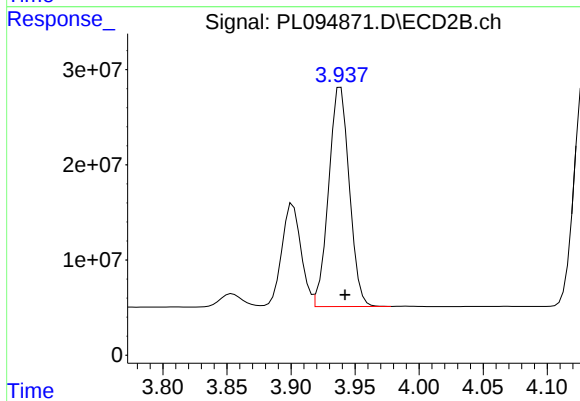
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.003 min
Response: 265589346
Conc: 51.68 ng/ml



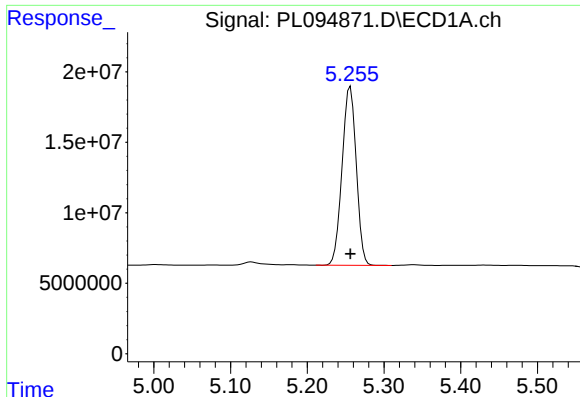
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 172090381
Conc: 44.33 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: -0.004 min
Response: 257972124
Conc: 48.96 ng/ml



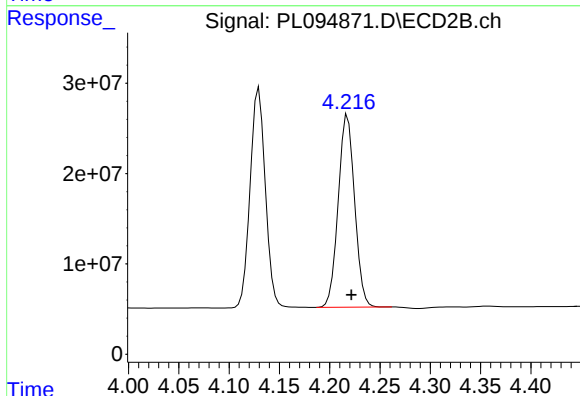
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 163121923
Conc: 44.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167320BS

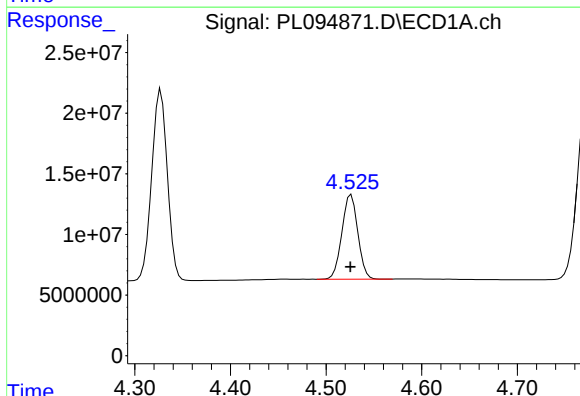
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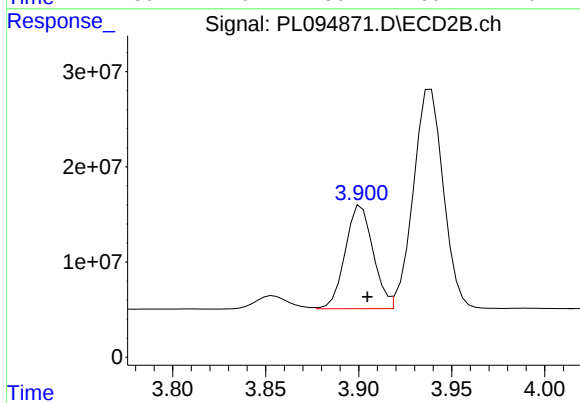
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: -0.004 min
Response: 241204296
Conc: 49.46 ng/ml



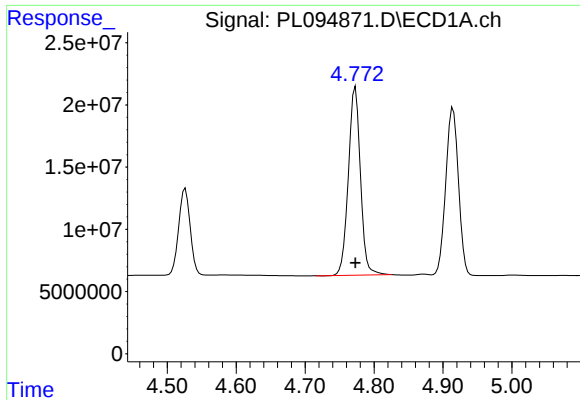
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 80890504
Conc: 43.84 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: -0.003 min
Response: 113092646
Conc: 50.91 ng/ml



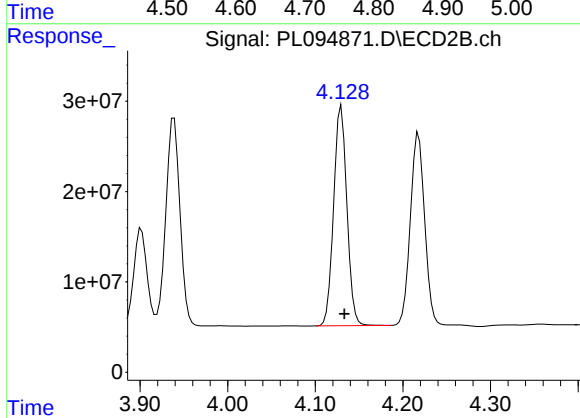
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: 0.000 min
Response: 184654779
Conc: 47.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167320BS

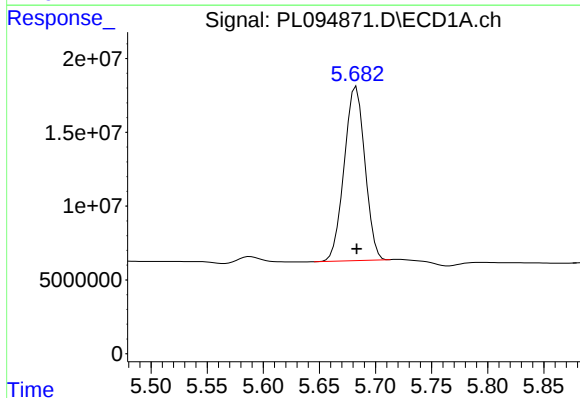
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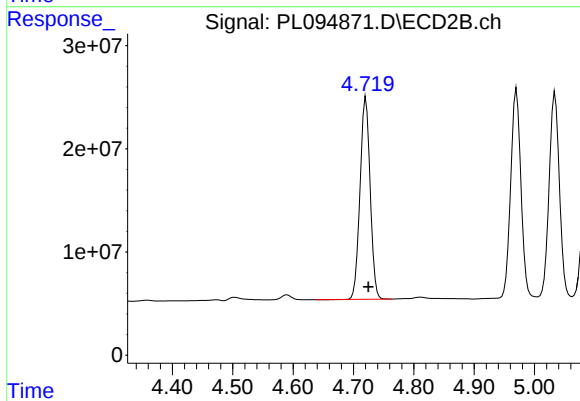
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: -0.003 min
Response: 256312670
Conc: 51.24 ng/ml



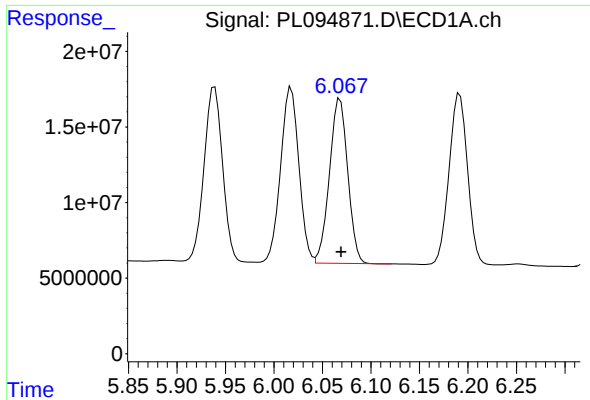
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 151254397
Conc: 45.22 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.004 min
Response: 228212710
Conc: 49.84 ng/ml



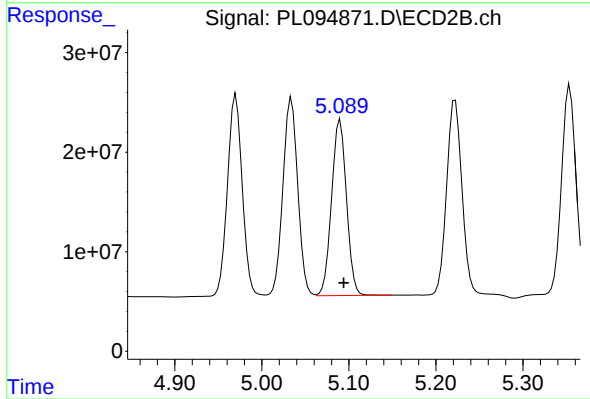
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 142681185
Conc: 46.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167320BS

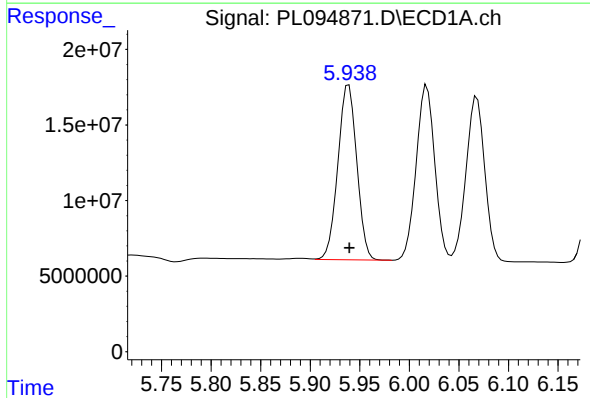
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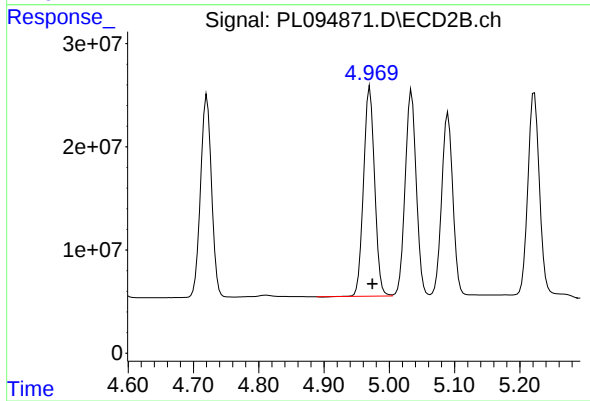
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: -0.004 min
Response: 210316349
Conc: 47.92 ng/ml



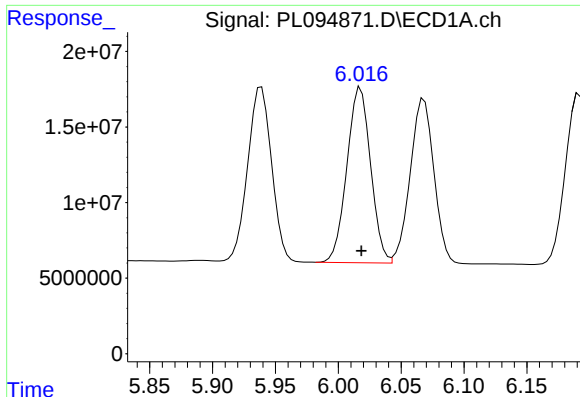
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 153736874
Conc: 45.63 ng/ml



#10 gamma-Chlordane

R.T.: 4.970 min
Delta R.T.: -0.004 min
Response: 239602393
Conc: 49.62 ng/ml



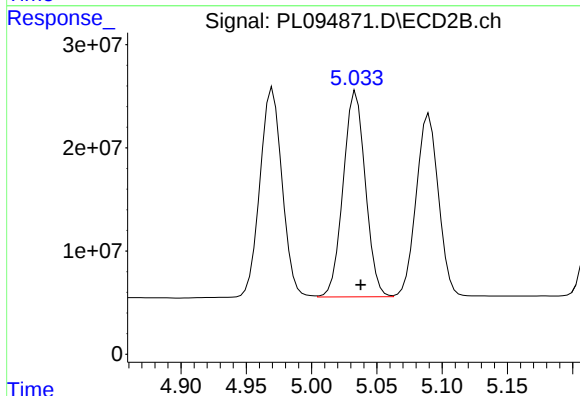
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 152455512
Conc: 46.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167320BS

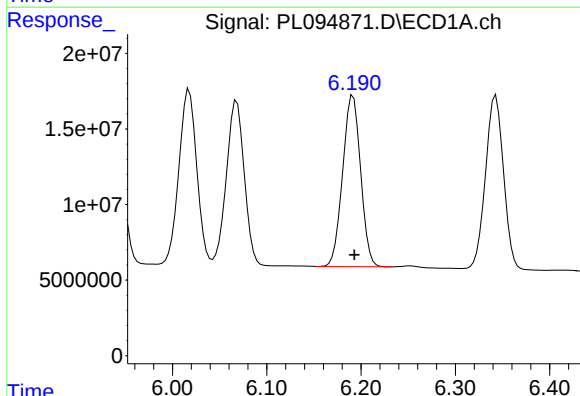
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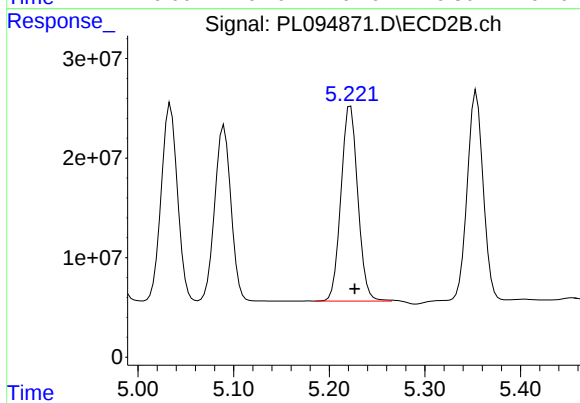
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: -0.004 min
Response: 235651754
Conc: 49.37 ng/ml



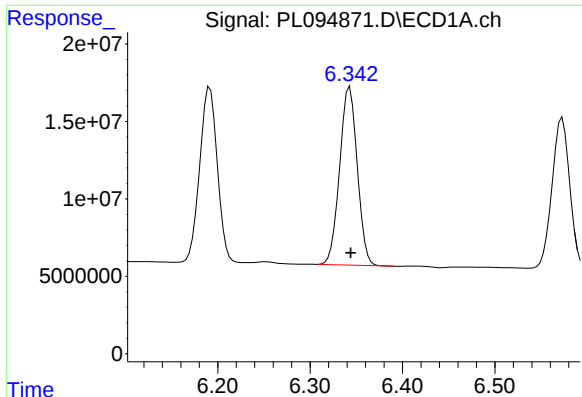
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: -0.002 min
Response: 149983650
Conc: 50.98 ng/ml



#12 4,4'-DDE

R.T.: 5.221 min
Delta R.T.: -0.006 min
Response: 240320133
Conc: 51.70 ng/ml m



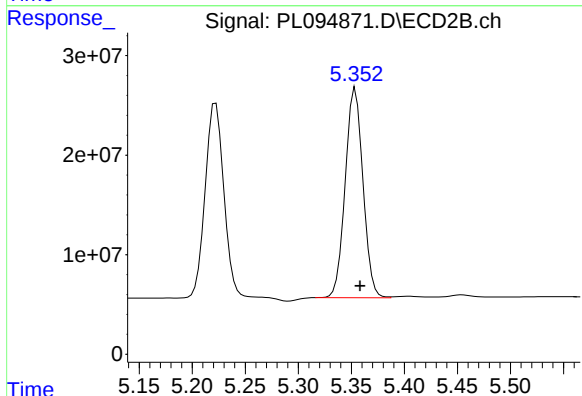
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 152549383
Conc: 47.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167320BS

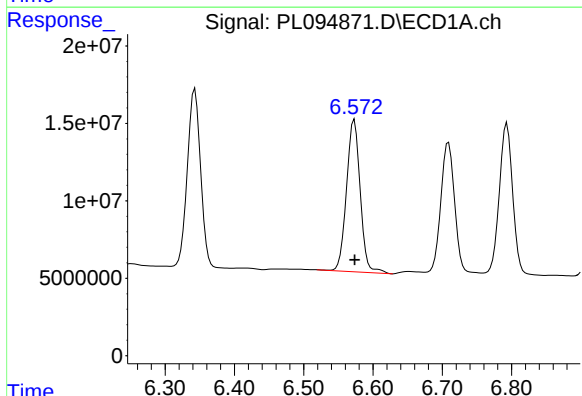
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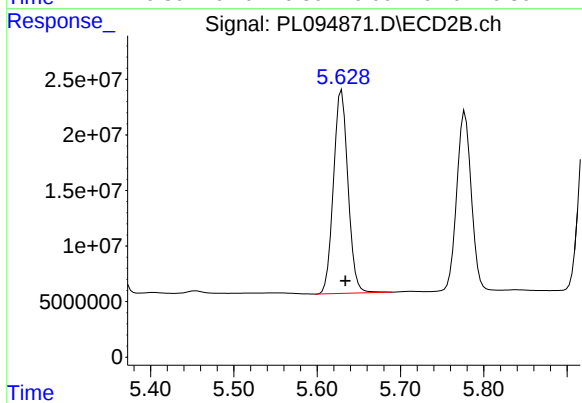
#13 Dieldrin

R.T.: 5.352 min
Delta R.T.: -0.006 min
Response: 244745724
Conc: 50.44 ng/ml m



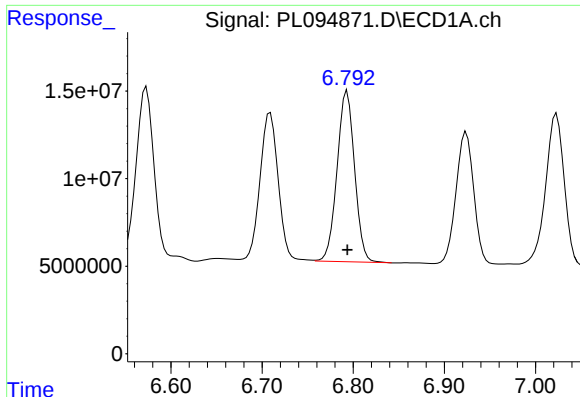
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 135263517
Conc: 48.80 ng/ml



#14 Endrin

R.T.: 5.629 min
Delta R.T.: -0.004 min
Response: 221518782
Conc: 50.76 ng/ml



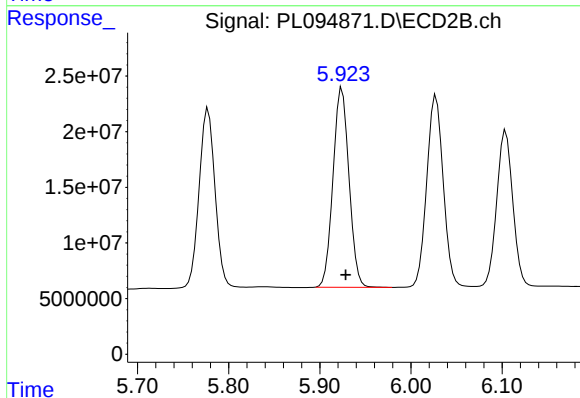
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.000 min
Response: 130204517
Conc: 47.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167320BS

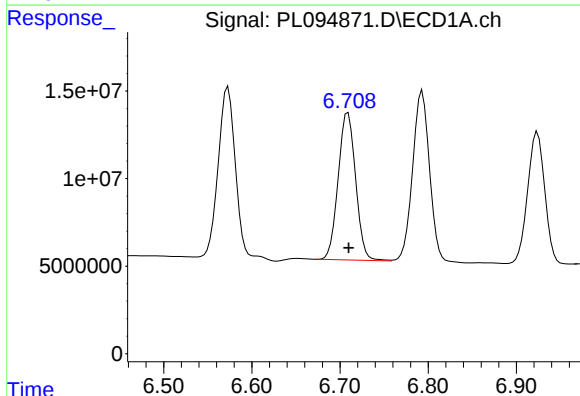
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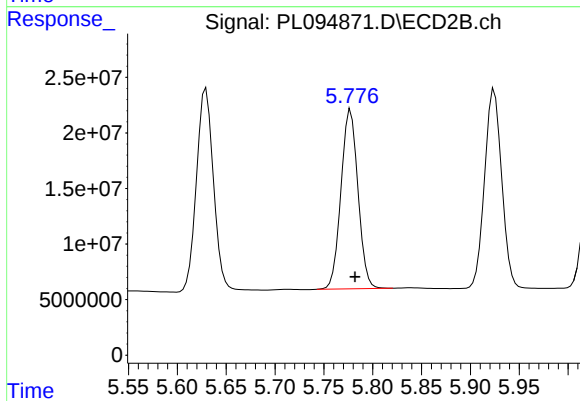
#15 Endosulfan II

R.T.: 5.924 min
Delta R.T.: -0.004 min
Response: 218197634
Conc: 50.41 ng/ml



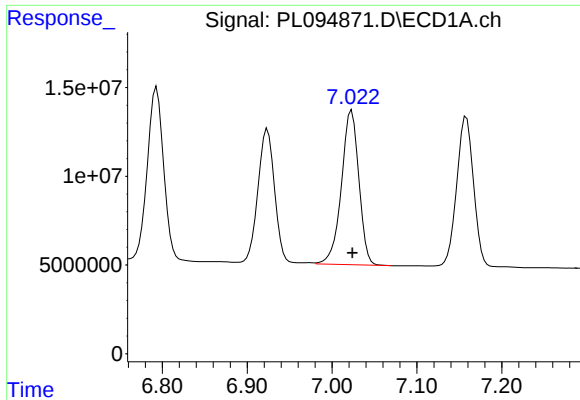
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 115865321
Conc: 53.49 ng/ml



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: -0.004 min
Response: 195456933
Conc: 54.36 ng/ml



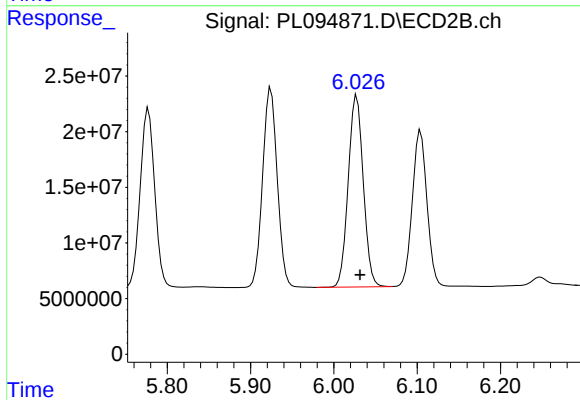
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 124064523
Conc: 52.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167320BS

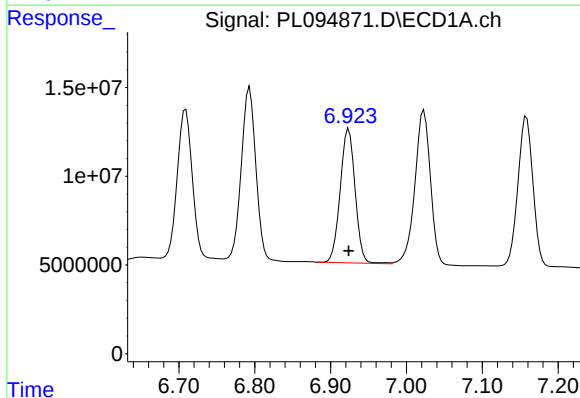
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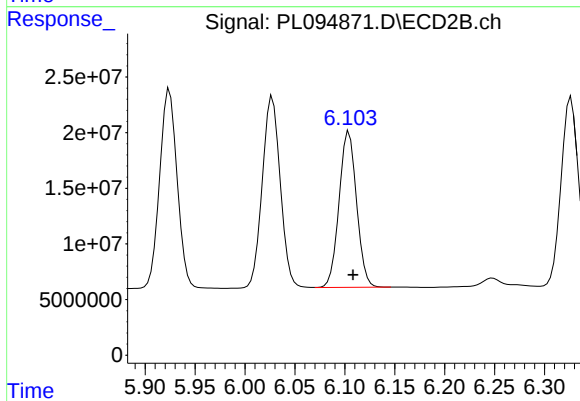
#17 4,4'-DDT

R.T.: 6.027 min
Delta R.T.: -0.004 min
Response: 215988546
Conc: 53.57 ng/ml



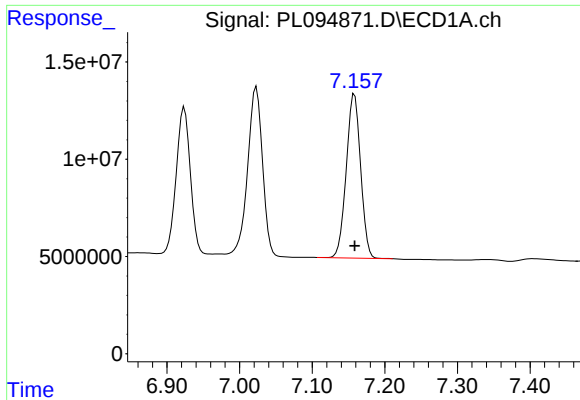
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 103011066
Conc: 48.80 ng/ml



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: -0.004 min
Response: 171120576
Conc: 50.85 ng/ml



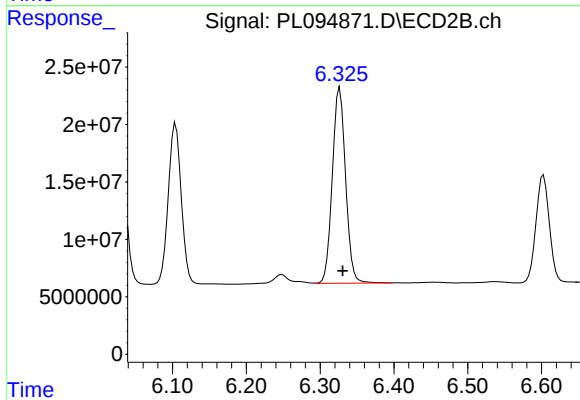
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 116066228
Conc: 47.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167320BS

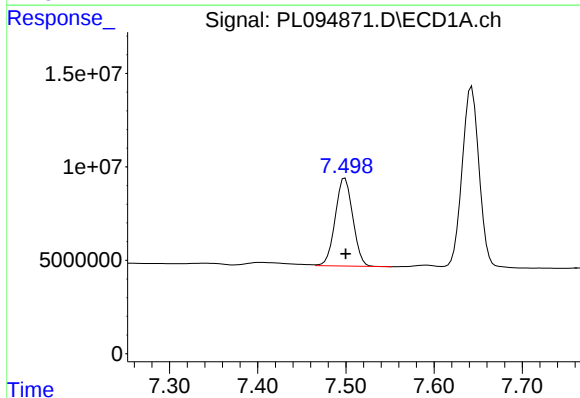
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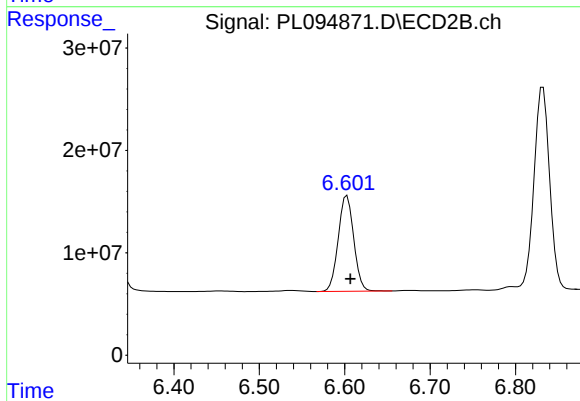
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: -0.004 min
Response: 212952194
Conc: 52.28 ng/ml



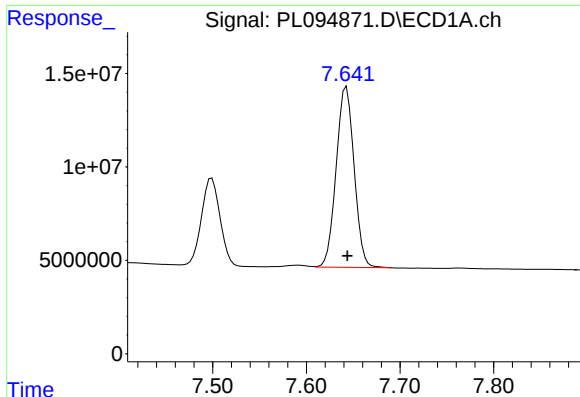
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 64999960
Conc: 54.30 ng/ml



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: -0.004 min
Response: 118011492
Conc: 55.64 ng/ml



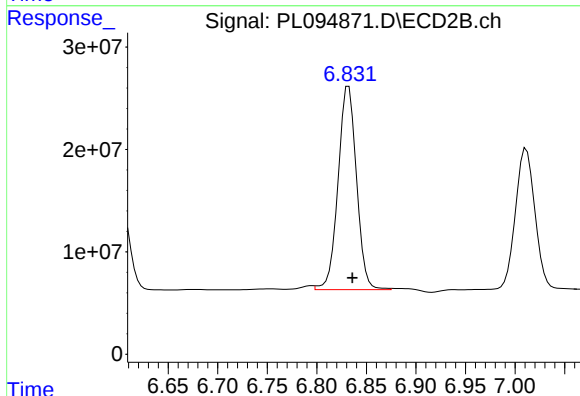
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 128973422
Conc: 48.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167320BS

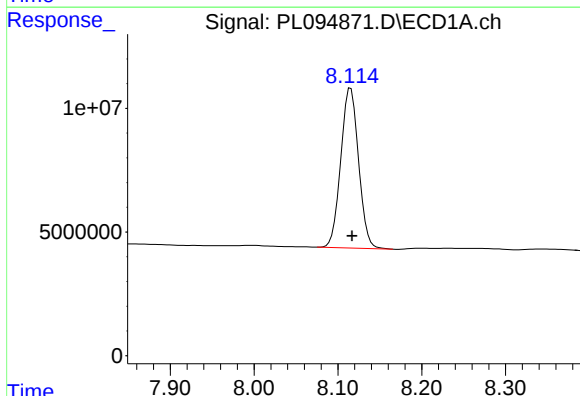
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/27/2025
Supervised By :mohammad ahmed 03/28/2025



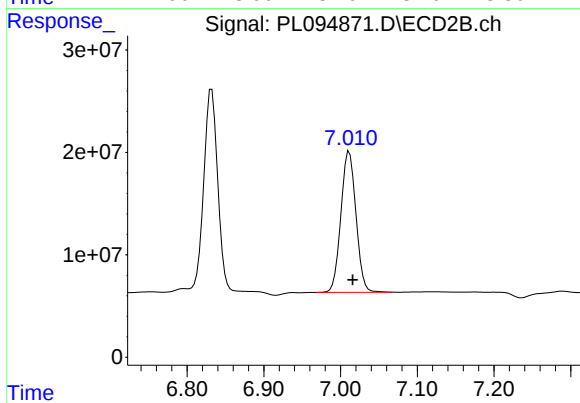
#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: -0.005 min
Response: 256552024
Conc: 53.76 ng/ml m



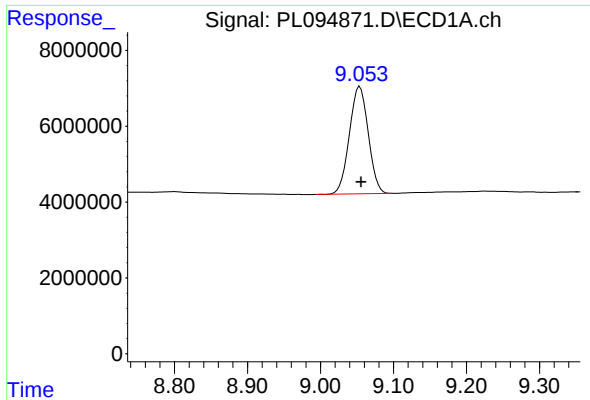
#22 Mirex

R.T.: 8.115 min
Delta R.T.: -0.002 min
Response: 95454741
Conc: 46.20 ng/ml



#22 Mirex

R.T.: 7.010 min
Delta R.T.: -0.006 min
Response: 188338603
Conc: 49.62 ng/ml m



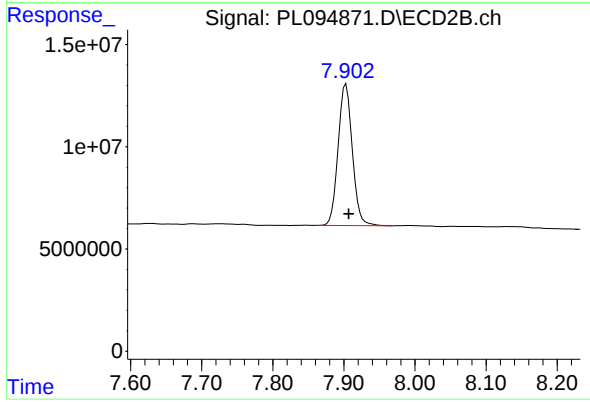
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: -0.002 min
Response: 50804463
Conc: 24.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167320BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.903 min
Delta R.T.: -0.004 min
Response: 96179742
Conc: 23.81 ng/ml