

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040125\
 Data File : PL094986.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2025 15:33
 Operator : AR\AJ
 Sample : PB167405BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167405BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/02/2025
 Supervised By :mohammad ahmed 04/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 02 01:23:59 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...	3.539	2.769	53572726	71181142	18.926	19.943
28) SA Decachlor...	9.053	7.902	47523977	90260690	22.550	22.345
Target Compounds						
2) A alpha-BHC	3.995	3.271	180.2E6	272.0E6	43.393	50.453
3) MA gamma-BHC...	4.326	3.600	172.8E6	250.3E6	43.309m	48.697
4) MA Heptachlor	4.915	3.938	164.3E6	247.0E6	42.332	46.873
5) MB Aldrin	5.256	4.217	158.0E6	229.0E6	42.801	46.970
6) B beta-BHC	4.526	3.901	78362885	108.6E6	42.468	48.903
7) B delta-BHC	4.773	4.128	179.6E6	238.9E6	46.118	47.761m
8) B Heptachlo...	5.684	4.719	147.5E6	217.4E6	44.088	47.489m
9) A Endosulfan I	6.069	5.090	139.3E6	206.1E6	45.371	46.954
10) B gamma-Chl...	5.939	4.968	150.1E6	228.6E6	44.538	47.342m
11) B alpha-Chl...	6.018	5.033	148.9E6	224.4E6	45.161	47.012
12) B 4,4'-DDE	6.193	5.222	146.7E6	232.5E6	49.870	50.008
13) MA Dieldrin	6.344	5.353	147.9E6	230.7E6	46.236	47.554m
14) MA Endrin	6.572	5.628	120.3E6	204.2E6	43.400m	46.804m
15) B Endosulfa...	6.794	5.924	128.9E6	210.1E6	47.492	48.531
16) A 4,4'-DDD	6.710	5.777	116.5E6	191.4E6	53.782	53.231
17) MA 4,4'-DDT	7.023	6.027	115.5E6	198.1E6	48.562	49.140
18) B Endrin al...	6.924	6.104	100.4E6	163.6E6	47.541	48.598
19) B Endosulfa...	7.158	6.327	114.5E6	204.4E6	47.065	50.184
20) A Methoxychlor	7.500	6.602	58625423	106.6E6	48.974	50.268
21) B Endrin ke...	7.644	6.830	131.8E6	250.5E6	49.868	52.485m
22) Mirex	8.116	7.009	95459433	185.4E6	46.199	48.848m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040125\
Data File : PL094986.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Apr 2025 15:33
Operator : AR\AJ
Sample : PB167405BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

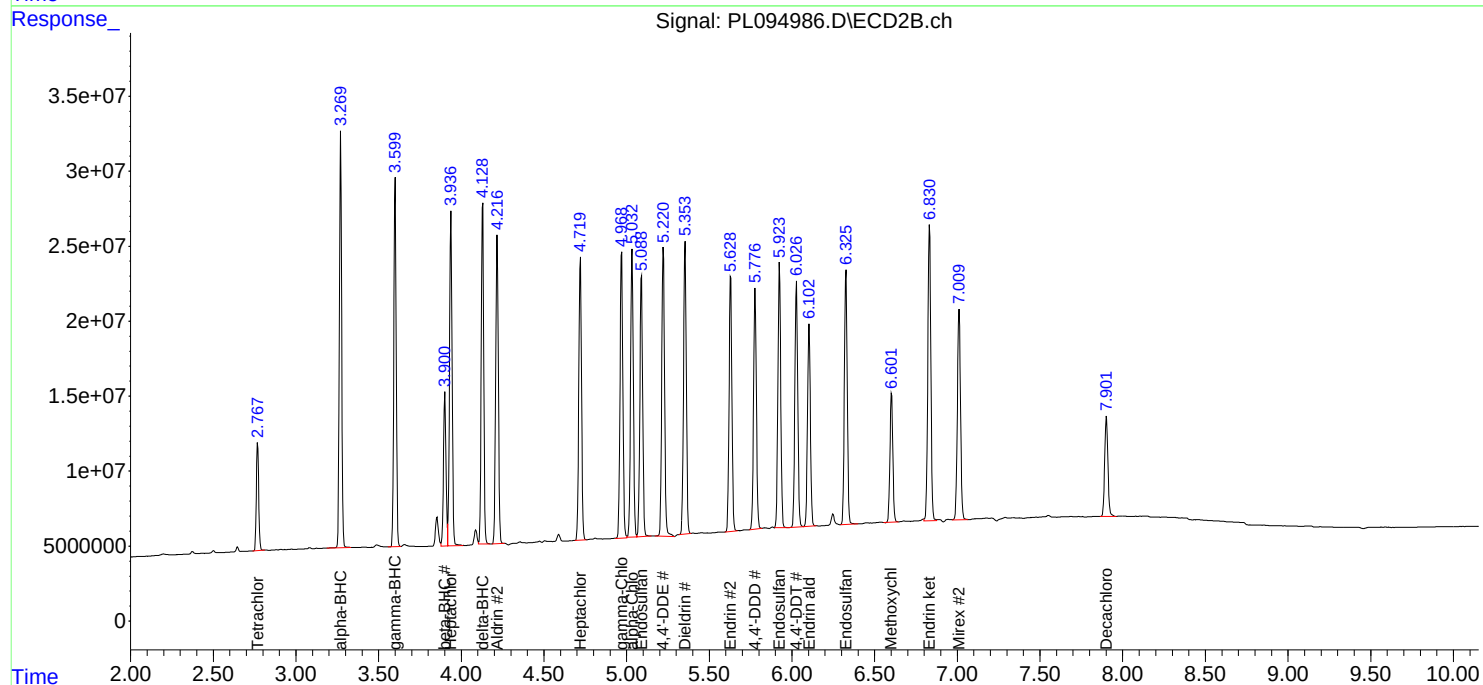
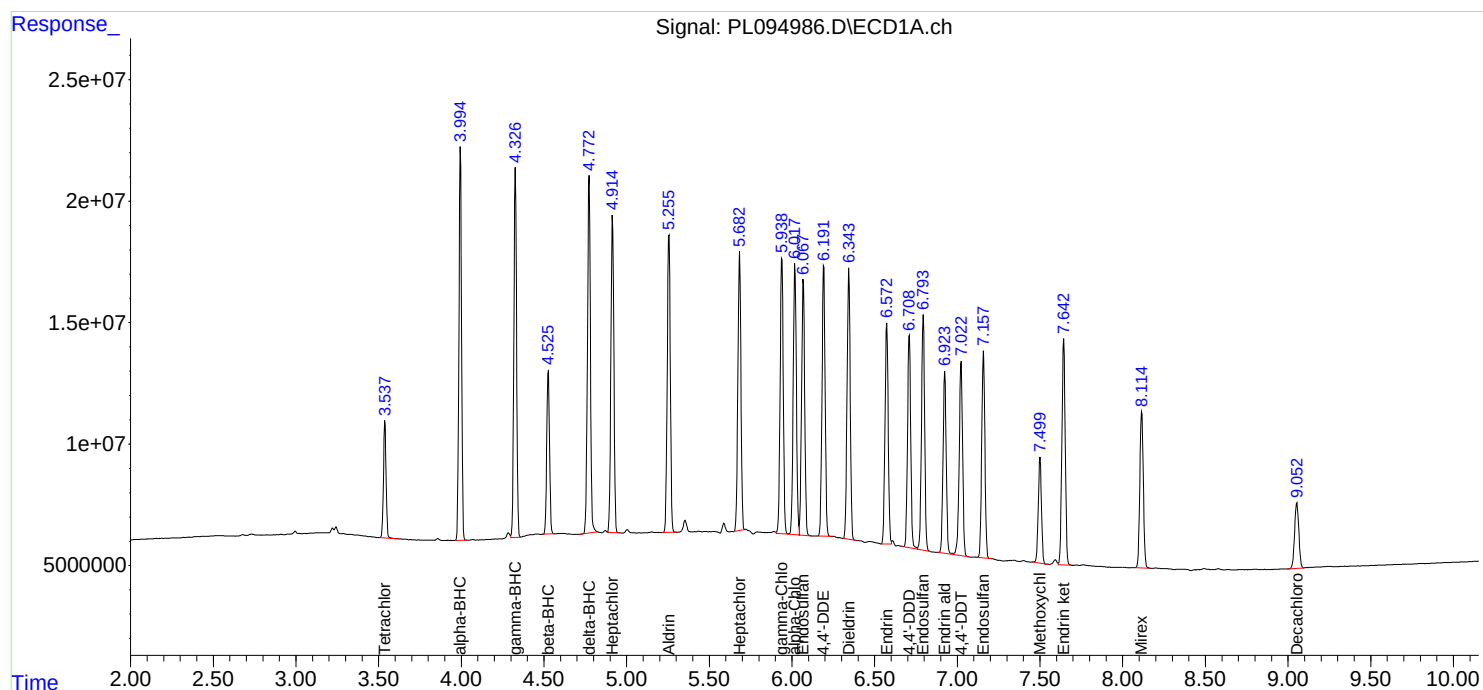
Instrument :
ECD_L
ClientSampleId :
PB167405BS

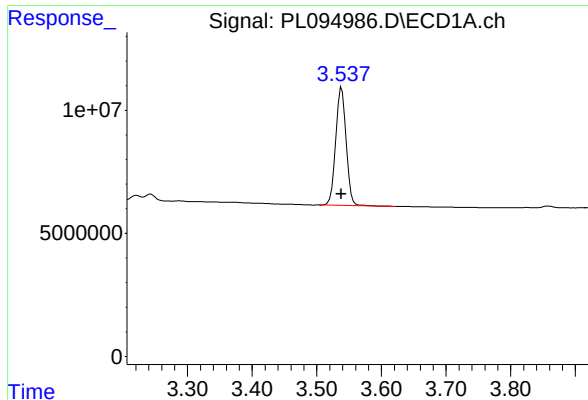
Manual Integrations
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Reviewed By :Abdul Mirza 04/02/2025
Supervised By :mohammad ahmed 04/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 02 01:23:59 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





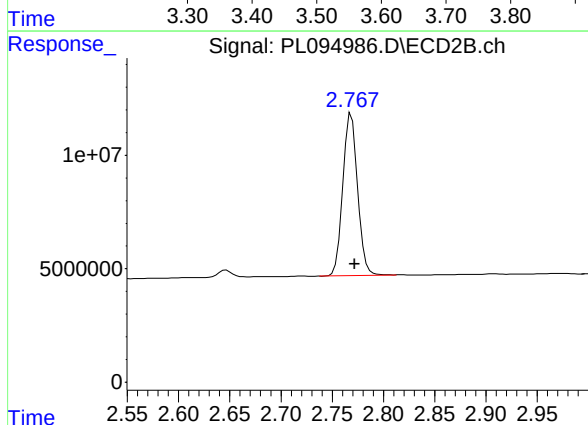
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: 0.000 min
Response: 53572726
Conc: 18.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167405BS

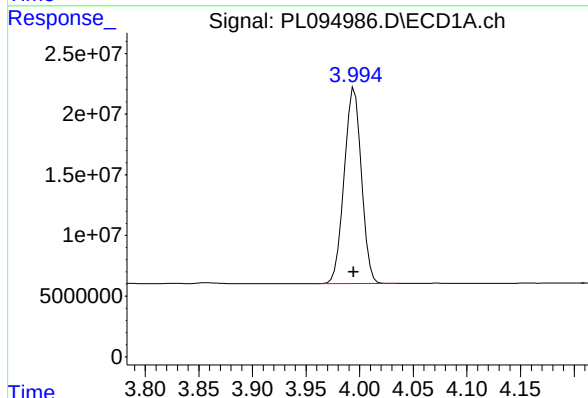
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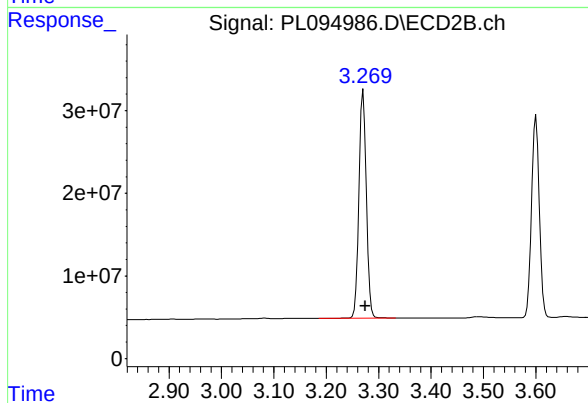
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 71181142
Conc: 19.94 ng/ml



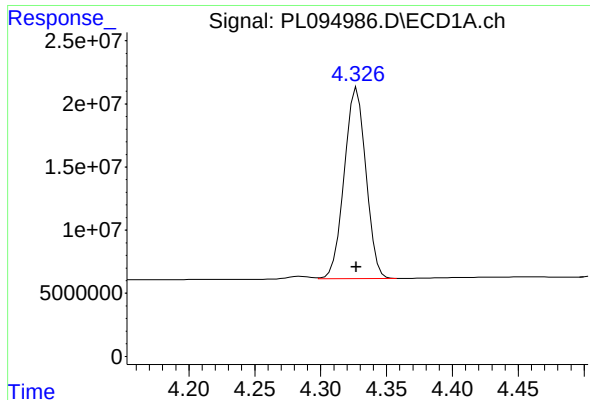
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 180184224
Conc: 43.39 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.004 min
Response: 272009039
Conc: 50.45 ng/ml



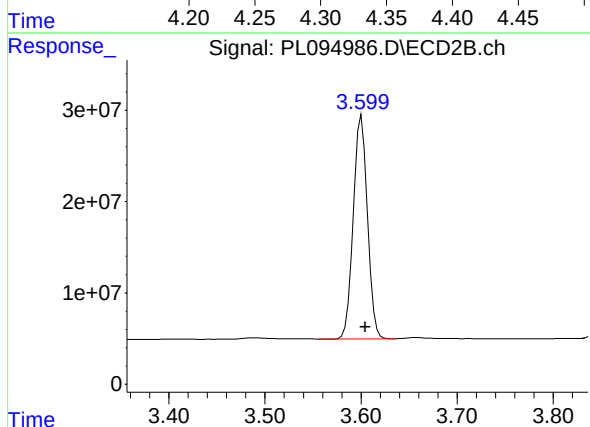
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 172813305
Conc: 43.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167405BS

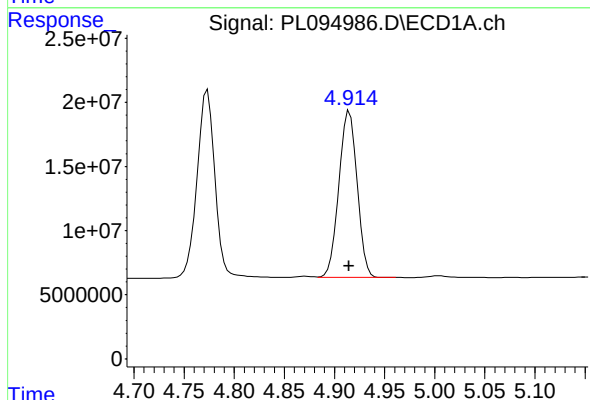
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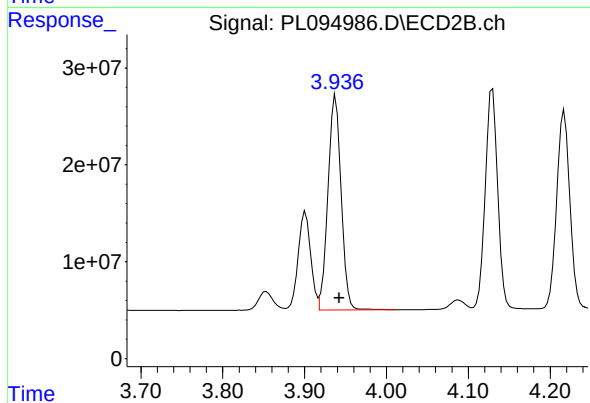
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: -0.004 min
Response: 250273667
Conc: 48.70 ng/ml



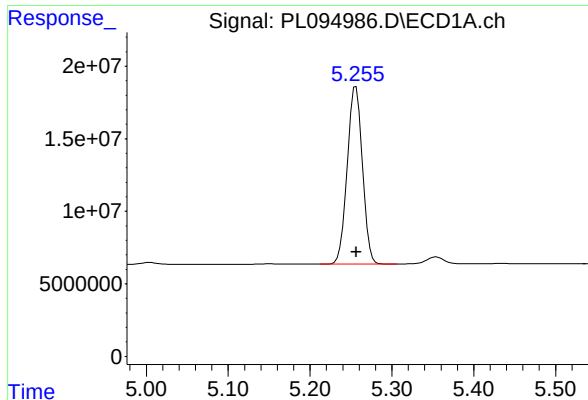
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 164316271
Conc: 42.33 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: -0.005 min
Response: 246959523
Conc: 46.87 ng/ml



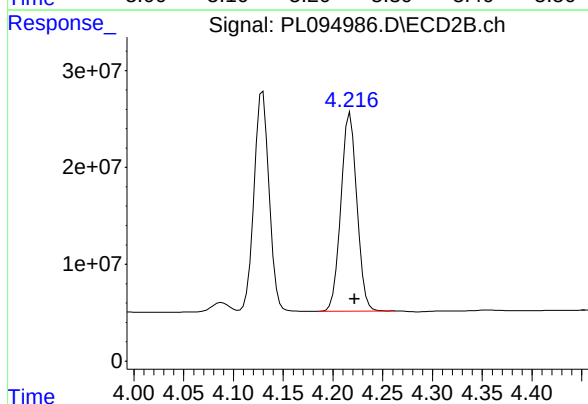
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 158029677
Conc: 42.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167405BS

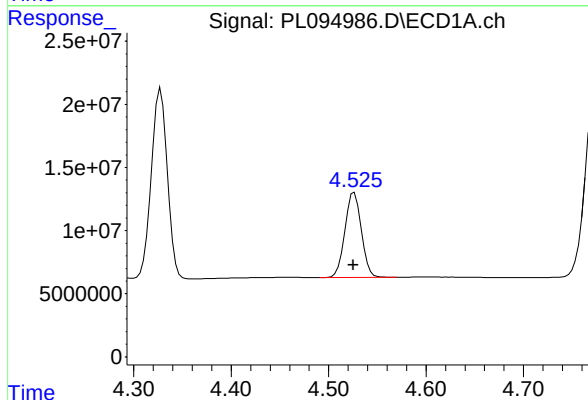
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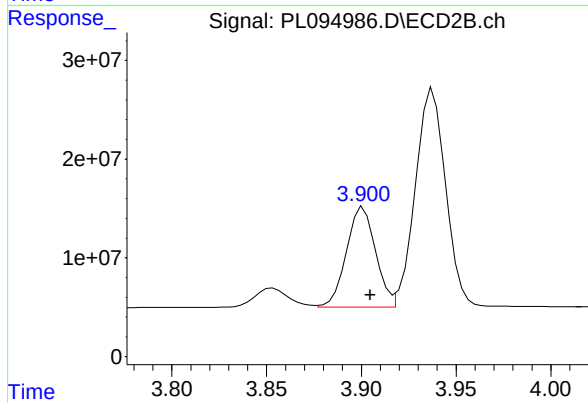
#5 Aldrin

R.T.: 4.217 min
Delta R.T.: -0.004 min
Response: 229042310
Conc: 46.97 ng/ml



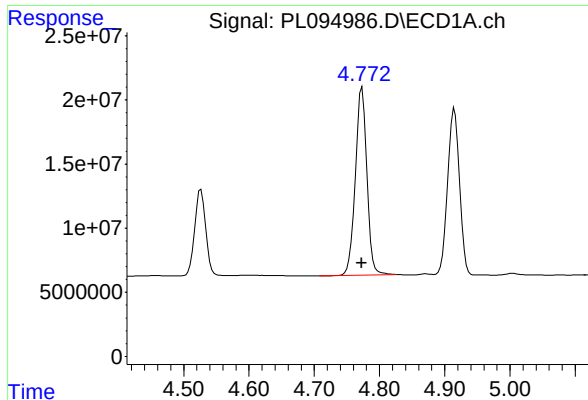
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.001 min
Response: 78362885
Conc: 42.47 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: -0.004 min
Response: 108626954
Conc: 48.90 ng/ml



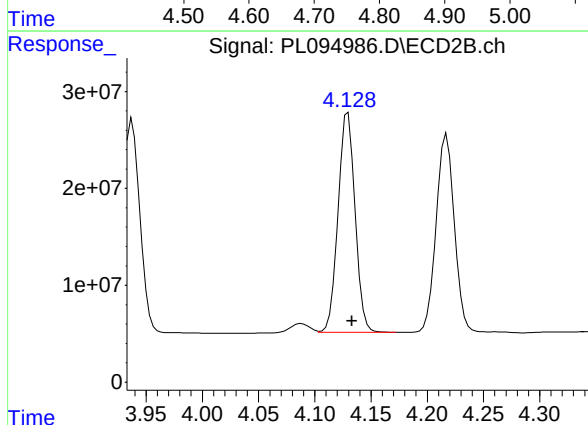
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: 0.000 min
Response: 179598403
Conc: 46.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167405BS

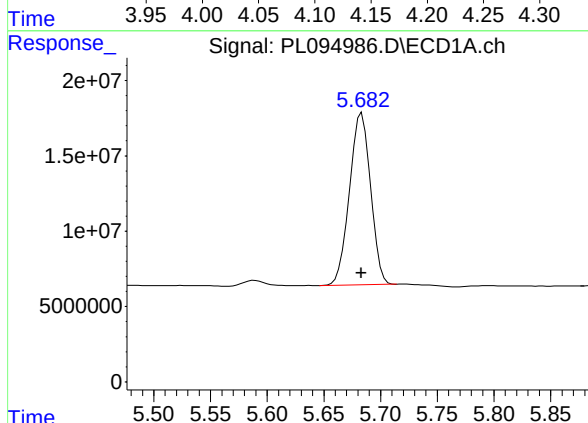
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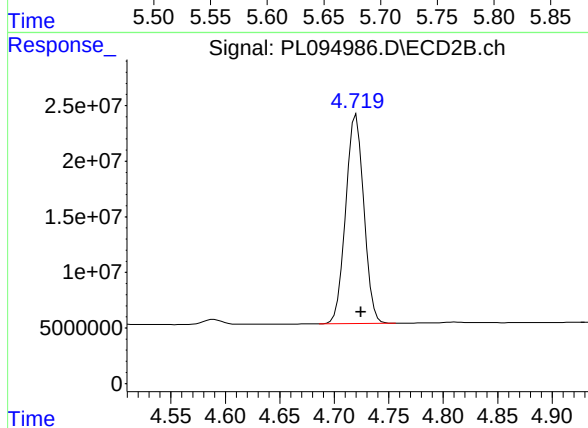
#7 delta-BHC

R.T.: 4.128 min
Delta R.T.: -0.005 min
Response: 238900797
Conc: 47.76 ng/ml m



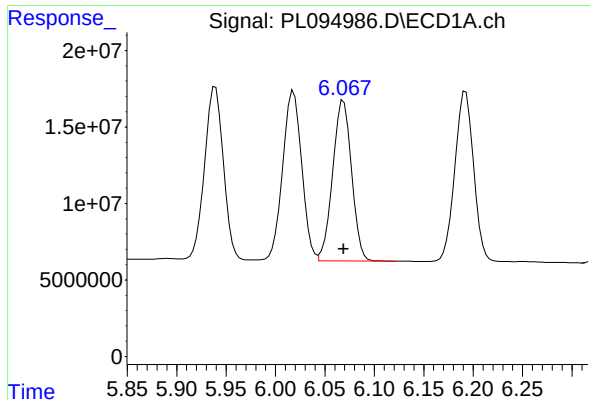
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 147483167
Conc: 44.09 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: -0.006 min
Response: 217432229
Conc: 47.49 ng/ml m



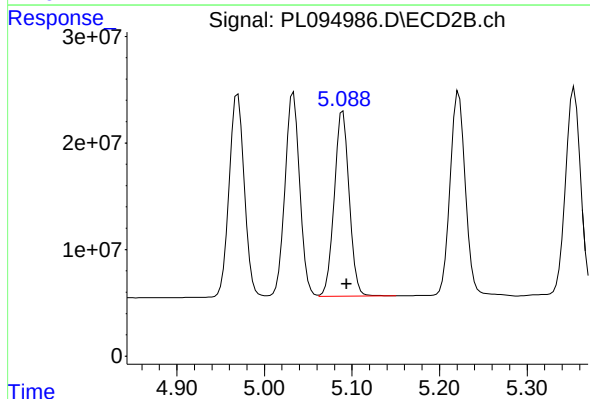
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 139297430
Conc: 45.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167405BS

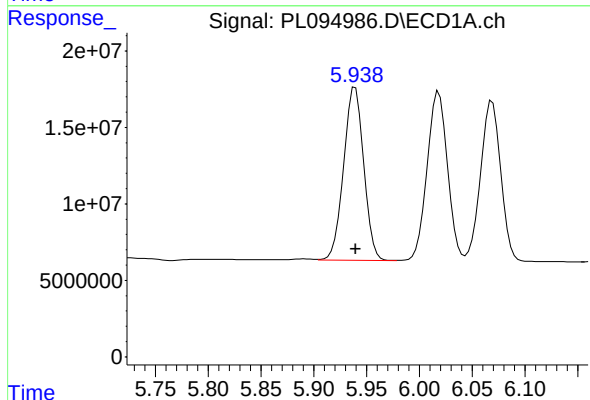
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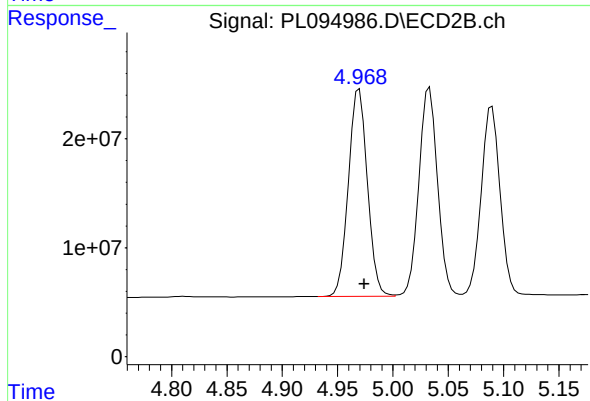
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: -0.004 min
Response: 206069685
Conc: 46.95 ng/ml



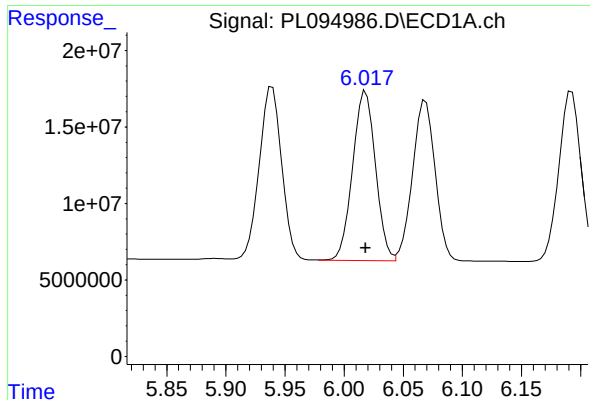
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 150065509
Conc: 44.54 ng/ml



#10 gamma-Chlordane

R.T.: 4.968 min
Delta R.T.: -0.006 min
Response: 228588746
Conc: 47.34 ng/ml m



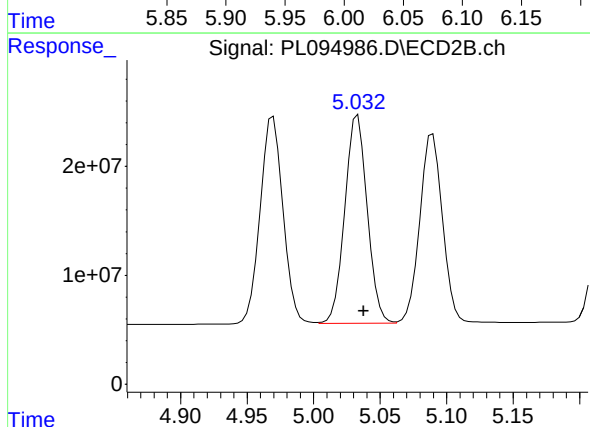
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 148886981
Conc: 45.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167405BS

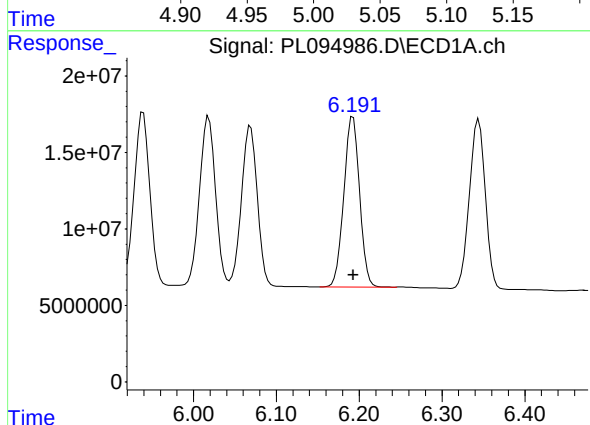
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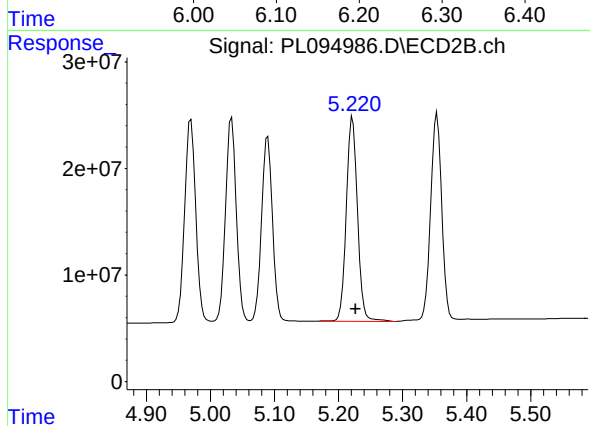
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: -0.005 min
Response: 224378441
Conc: 47.01 ng/ml



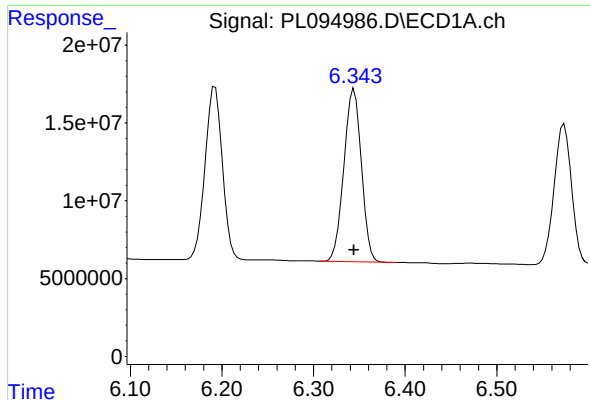
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.000 min
Response: 146720001
Conc: 49.87 ng/ml



#12 4,4'-DDE

R.T.: 5.222 min
Delta R.T.: -0.005 min
Response: 232465629
Conc: 50.01 ng/ml



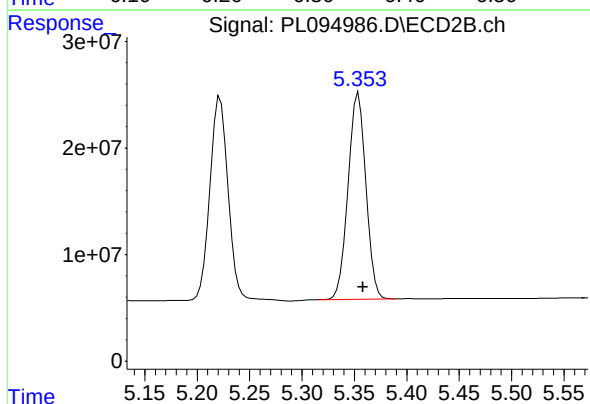
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 147870422
Conc: 46.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167405BS

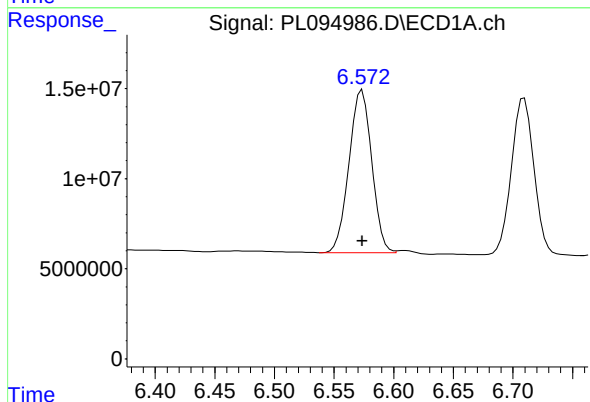
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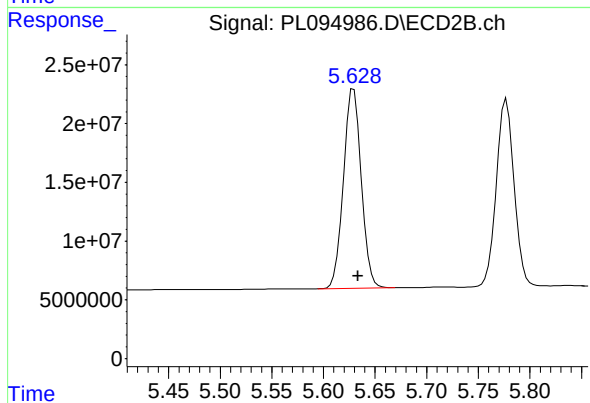
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: -0.006 min
Response: 230721791
Conc: 47.55 ng/ml m



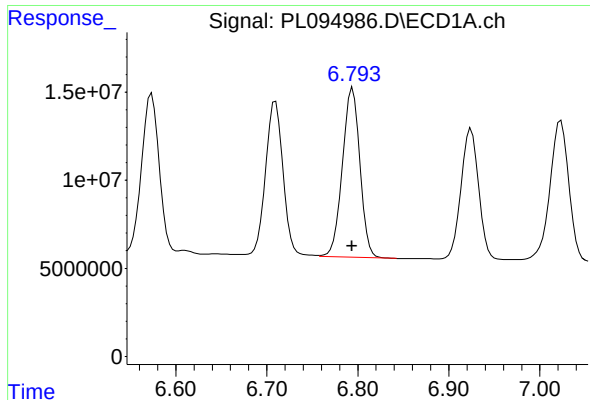
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.001 min
Response: 120307166
Conc: 43.40 ng/ml m



#14 Endrin

R.T.: 5.628 min
Delta R.T.: -0.006 min
Response: 204238211
Conc: 46.80 ng/ml m



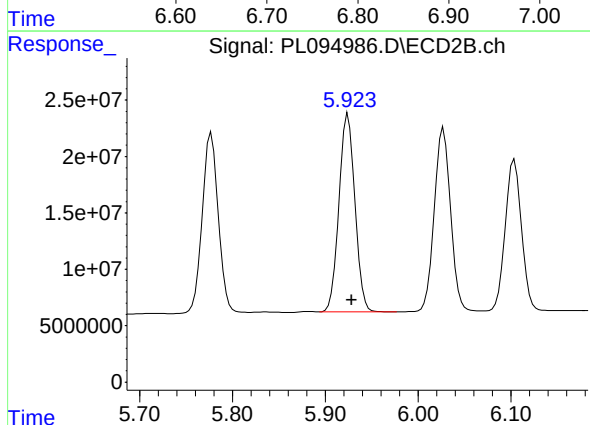
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 128927832
Conc: 47.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167405BS

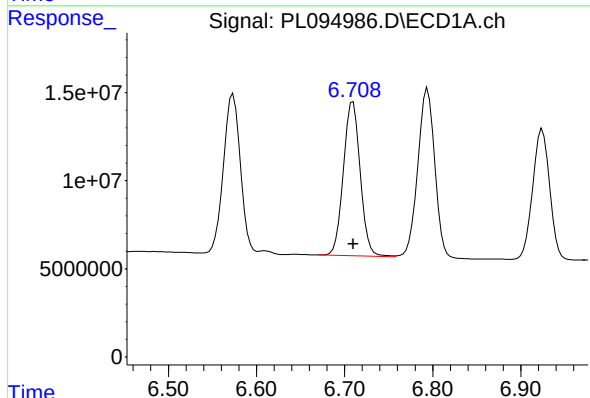
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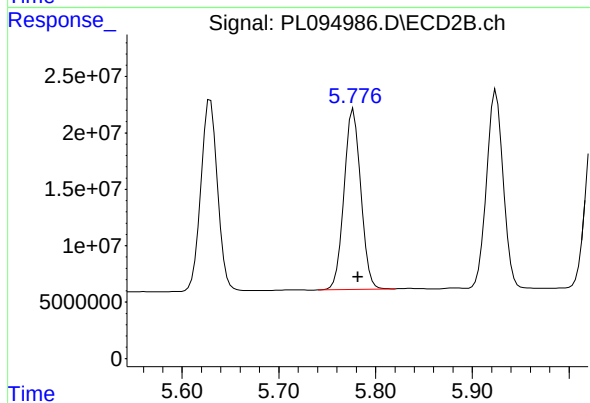
#15 Endosulfan II

R.T.: 5.924 min
Delta R.T.: -0.004 min
Response: 210052714
Conc: 48.53 ng/ml



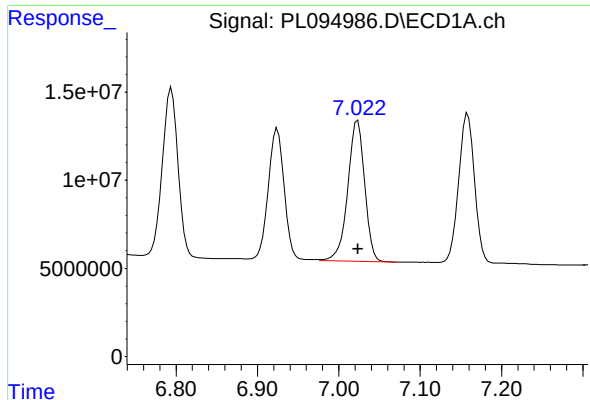
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 116495858
Conc: 53.78 ng/ml



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: -0.005 min
Response: 191412080
Conc: 53.23 ng/ml



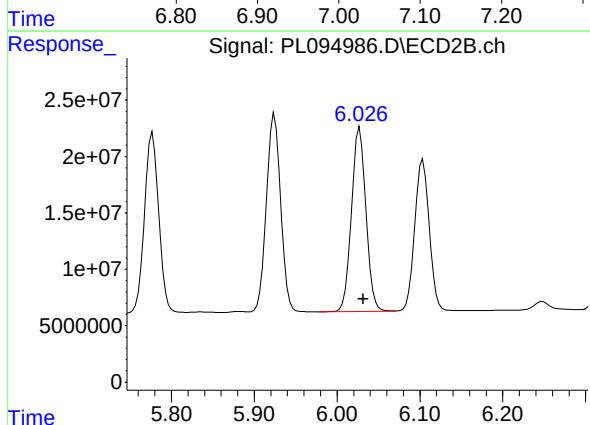
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 115506225
Conc: 48.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167405BS

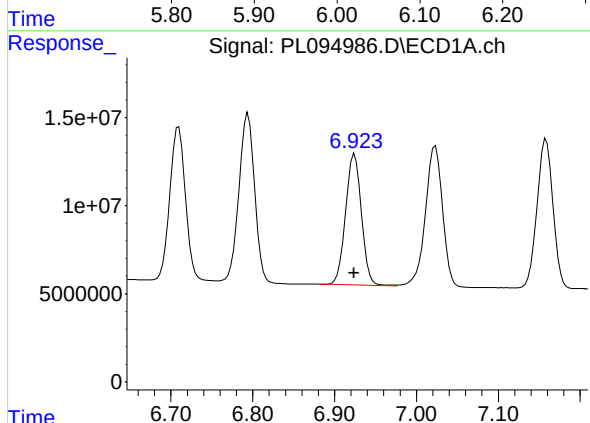
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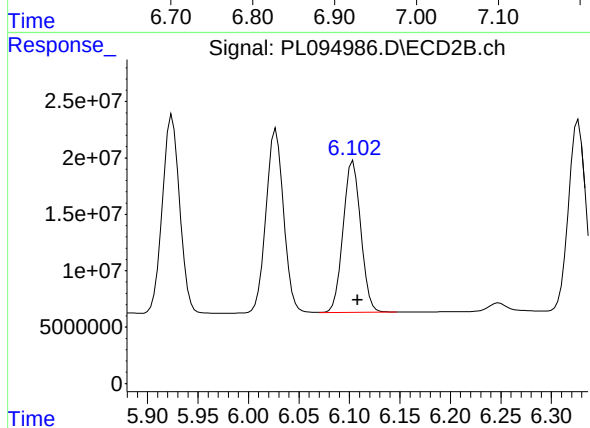
#17 4,4'-DDT

R.T.: 6.027 min
Delta R.T.: -0.004 min
Response: 198138323
Conc: 49.14 ng/ml



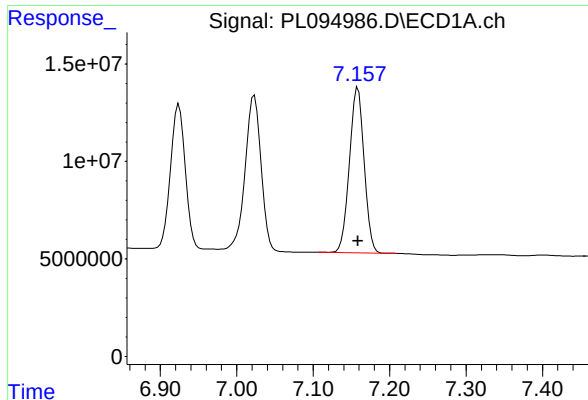
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.000 min
Response: 100359436
Conc: 47.54 ng/ml



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: -0.005 min
Response: 163550446
Conc: 48.60 ng/ml



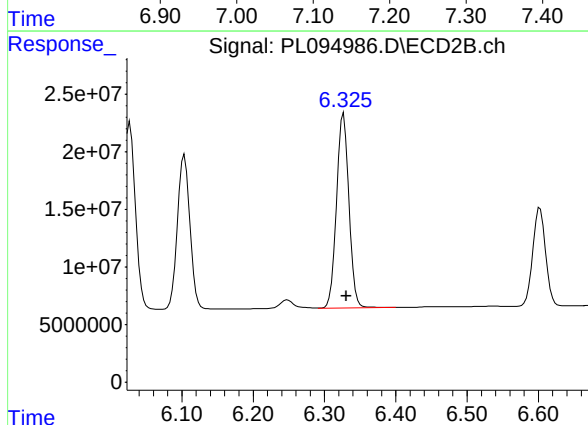
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 114462126
Conc: 47.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167405BS

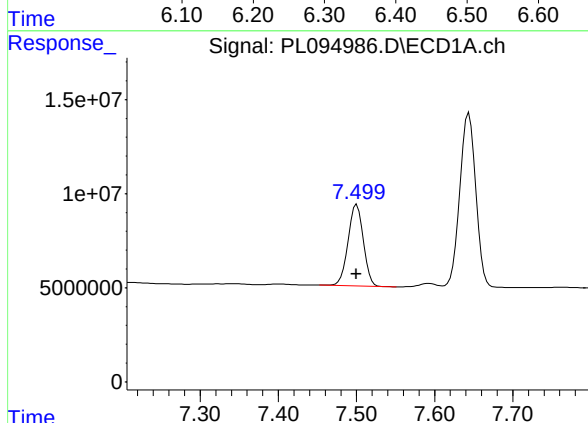
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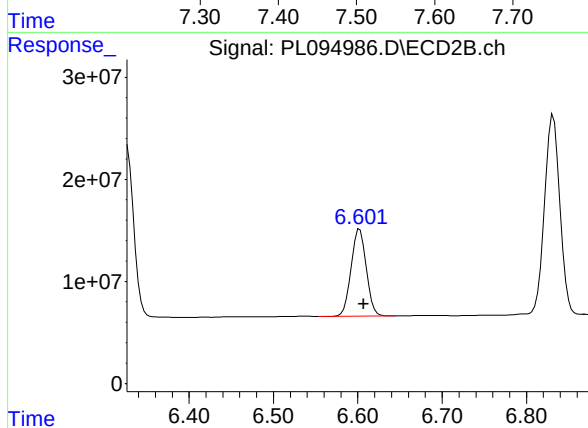
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: -0.004 min
Response: 204422803
Conc: 50.18 ng/ml



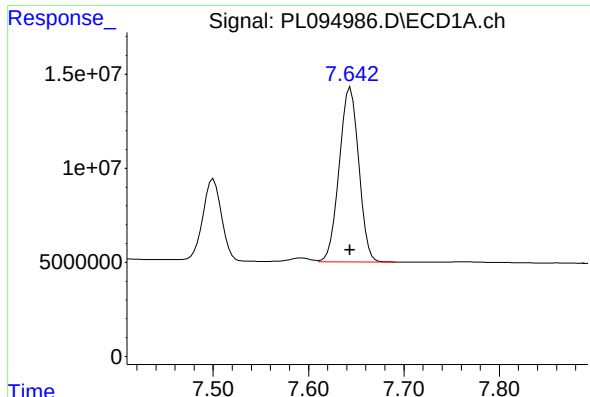
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 58625423
Conc: 48.97 ng/ml



#20 Methoxychlor

R.T.: 6.602 min
Delta R.T.: -0.005 min
Response: 106621849
Conc: 50.27 ng/ml



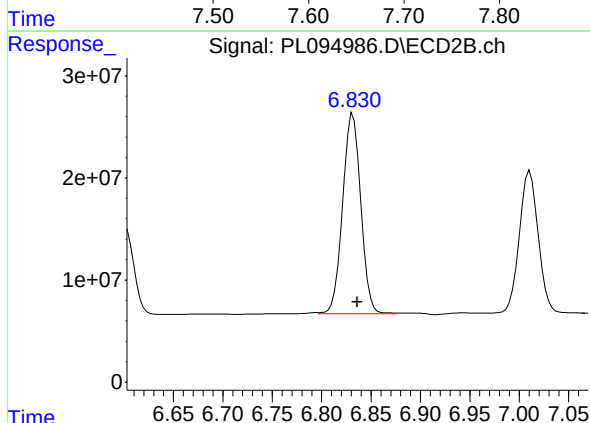
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 131815221
Conc: 49.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167405BS

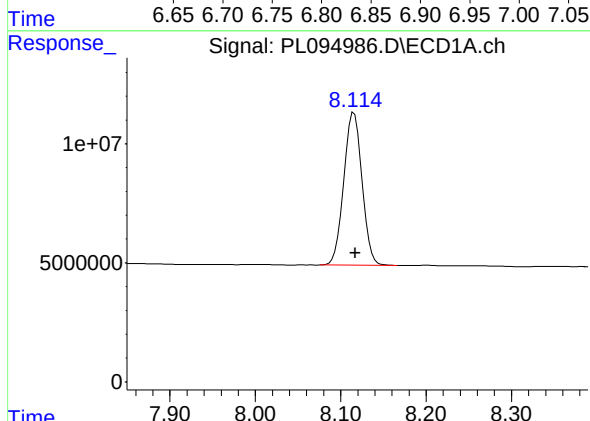
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Reviewed By :Abdul Mirza 04/02/2025
Supervised By :mohammad ahmed 04/03/2025



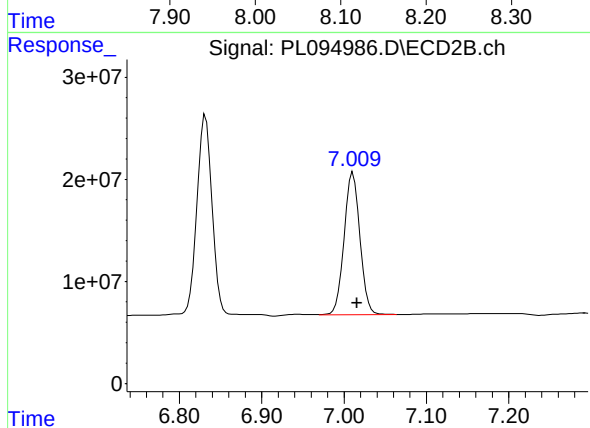
#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: -0.006 min
Response: 250487020
Conc: 52.48 ng/ml m



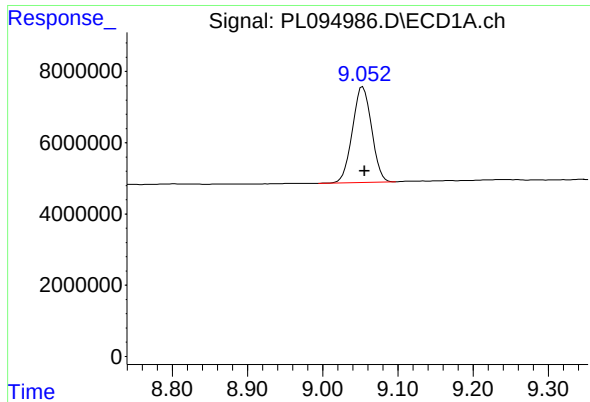
#22 Mirex

R.T.: 8.116 min
Delta R.T.: -0.001 min
Response: 95459433
Conc: 46.20 ng/ml



#22 Mirex

R.T.: 7.009 min
Delta R.T.: -0.006 min
Response: 185395038
Conc: 48.85 ng/ml m



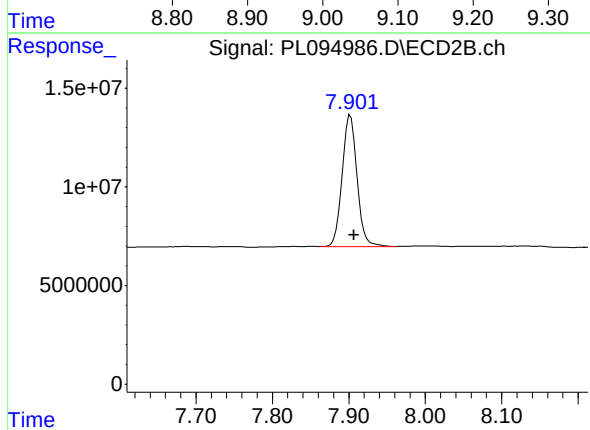
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: -0.002 min
Response: 47523977
Conc: 22.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167405BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/02/2025
Supervised By :mohammad ahmed 04/03/2025



#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: -0.005 min
Response: 90260690
Conc: 22.35 ng/ml