

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032725\
 Data File : PL094909.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Mar 2025 17:01
 Operator : AR\AJ
 Sample : Q1648-05MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-3MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/28/2025
 Supervised By : mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 28 01:58:39 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...	3.535	2.770	48222430	64814540	17.036	18.159
28) SA Decachlor...	9.050	7.902	32091338	55791937	15.228	13.812
Target Compounds						
2) A alpha-BHC	3.990	3.270	173.5E6	263.1E6	41.794m	48.805m
3) MA gamma-BHC...	4.325	3.600	170.5E6	247.6E6	42.740	48.178m
4) MA Heptachlor	4.912	3.939	164.0E6	245.8E6	42.255	46.661
5) MB Aldrin	5.254	4.218	154.3E6	231.8E6	41.780	47.532
6) B beta-BHC	4.524	3.902	79060830	109.6E6	42.846	49.325
7) B delta-BHC	4.770	4.130	136.4E6	175.4E6	35.015	35.070
8) B Heptachlo...	5.681	4.719	142.8E6	218.7E6	42.688	47.771m
9) A Endosulfan I	6.066	5.089	132.8E6	190.6E6	43.250	43.439m
10) B gamma-Chl...	5.936	4.971	151.8E6	234.0E6	45.057	48.471
11) B alpha-Chl...	6.015	5.034	144.2E6	231.6E6	43.725	48.532
12) B 4,4'-DDE	6.189	5.222	127.0E6	229.3E6	43.174	49.320m
13) MA Dieldrin	6.340	5.353	143.8E6	226.8E6	44.972m	46.739m
14) MA Endrin	6.570	5.628	118.0E6	209.8E6	42.575	48.078m
15) B Endosulfa...	6.790	5.924	122.6E6	202.9E6	45.162m	46.877m
16) A 4,4'-DDD	6.707	5.778	112.6E6	180.0E6	51.979	50.051
17) MA 4,4'-DDT	7.020	6.028	107.8E6	189.9E6	45.325	47.094
18) B Endrin al...	6.921	6.104	93197175	155.8E6	44.149	46.302
19) B Endosulfa...	7.156	6.327	106.5E6	187.7E6	43.798	46.088
20) A Methoxychlor	7.497	6.603	56812557	100.7E6	47.460	47.475
21) B Endrin ke...	7.639	6.830	125.7E6	222.7E6	47.566m	46.661m
22) Mirex	8.112	7.010	91749565	168.7E6	44.403m	44.456m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032725\
Data File : PL094909.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Mar 2025 17:01
Operator : AR\AJ
Sample : Q1648-05MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

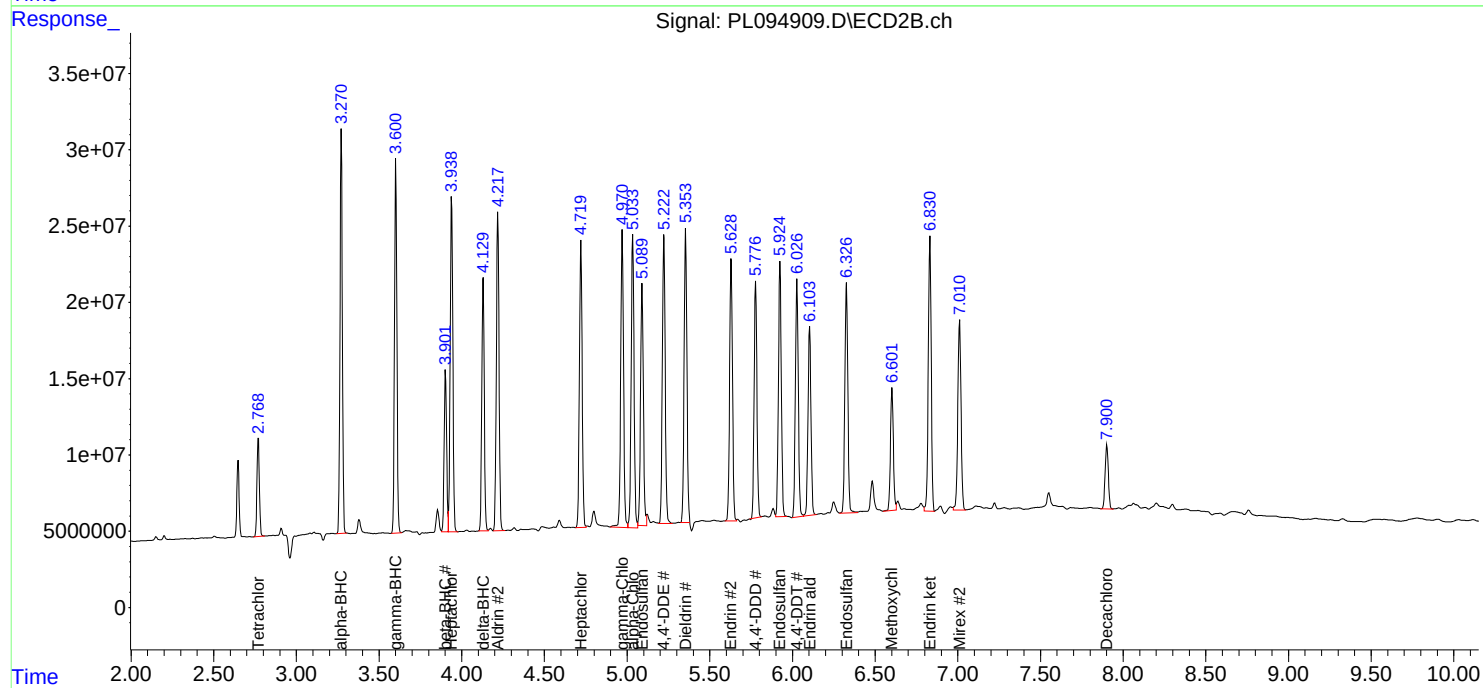
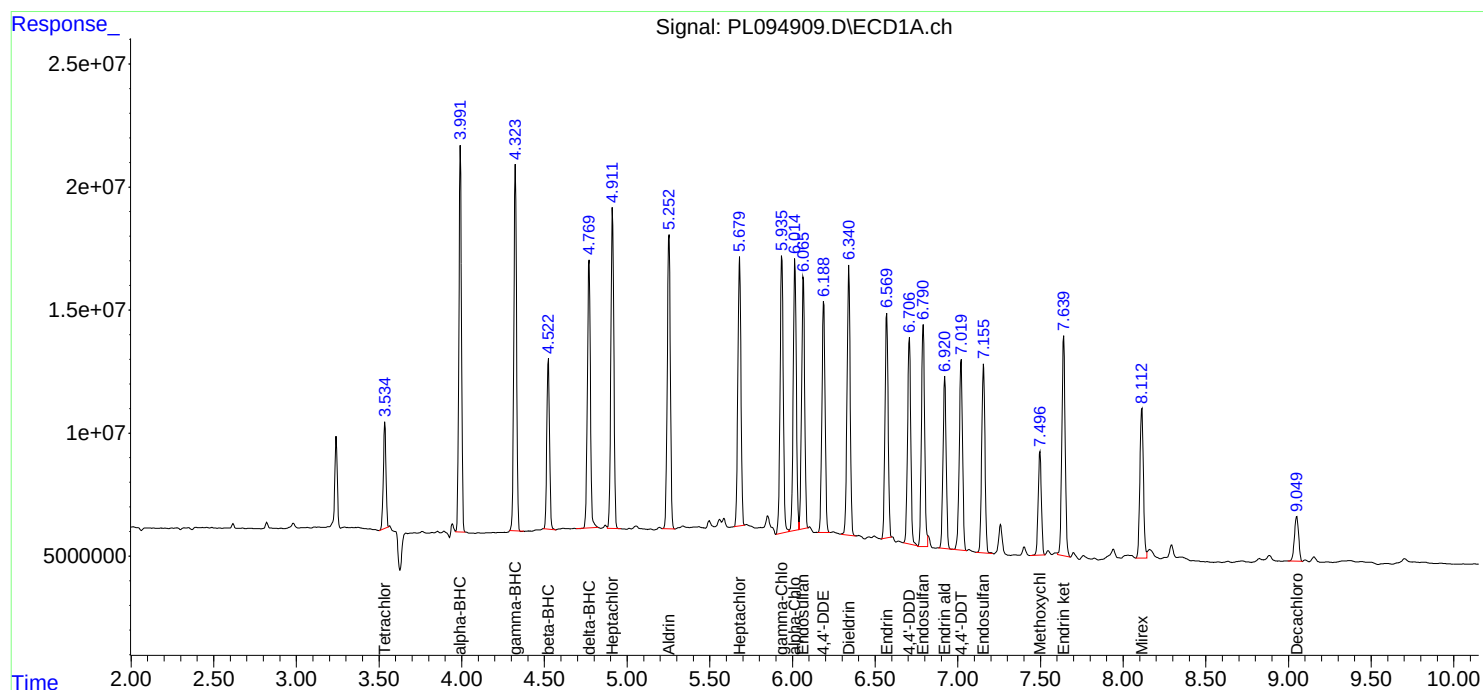
Instrument :
ECD_L
ClientSampleId :
TP-3MSD

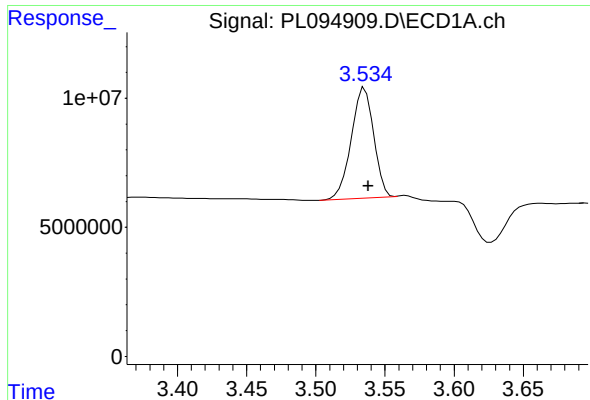
Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 03/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 28 01:58:39 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





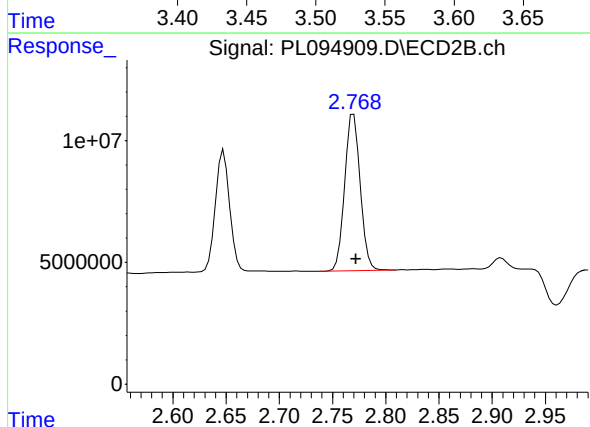
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 48222430
Conc: 17.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

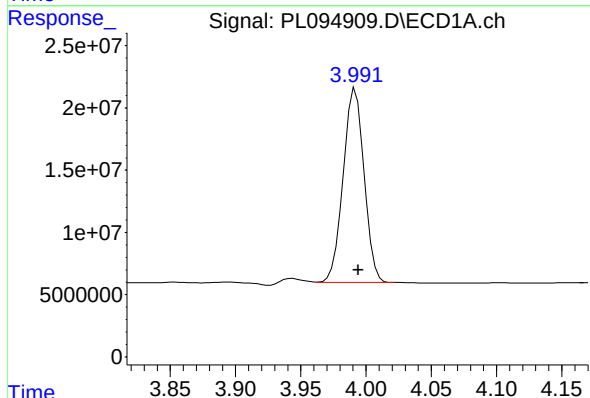
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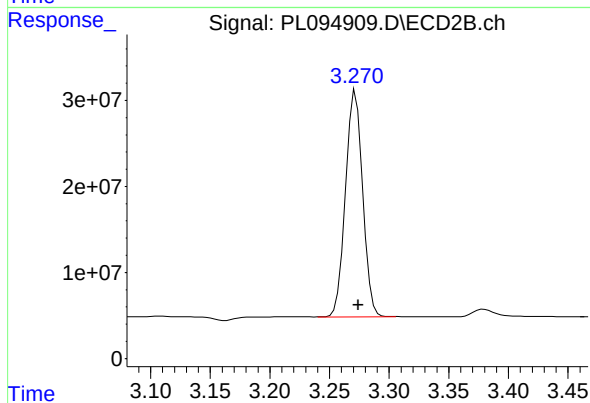
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 64814540
Conc: 18.16 ng/ml



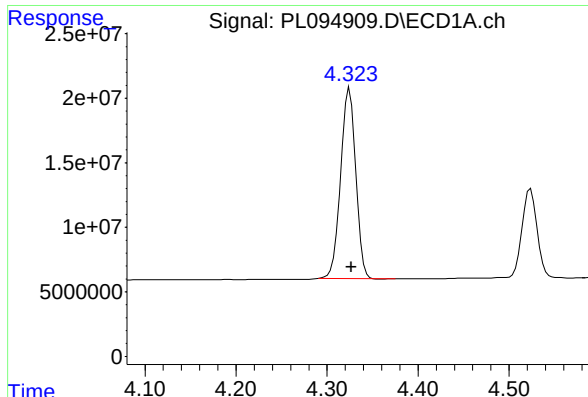
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: -0.004 min
Response: 173544357
Conc: 41.79 ng/ml m



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: -0.004 min
Response: 263123451
Conc: 48.80 ng/ml m



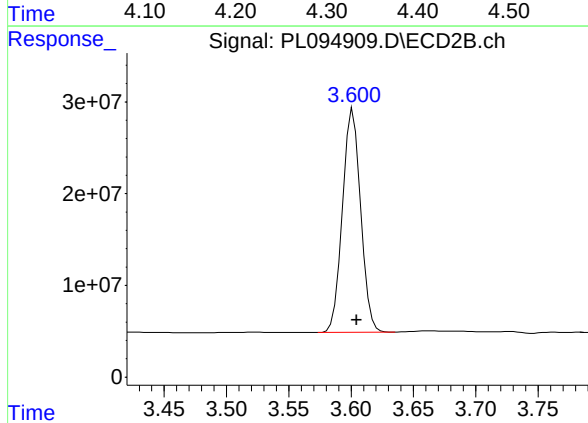
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 170545655
Conc: 42.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

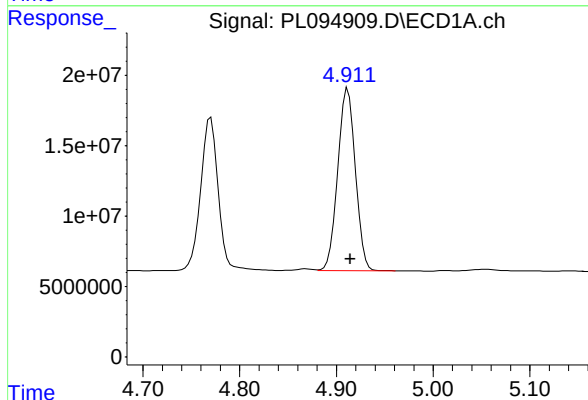
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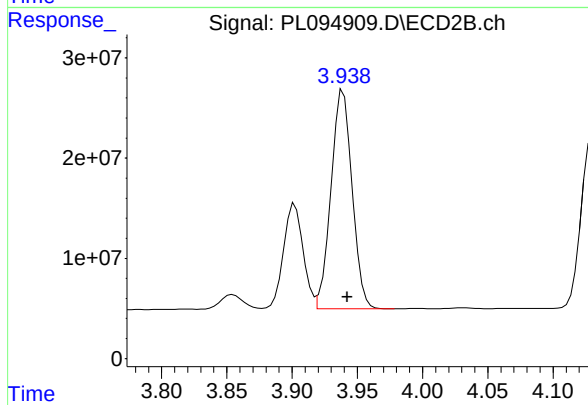
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: -0.004 min
Response: 247609251
Conc: 48.18 ng/ml



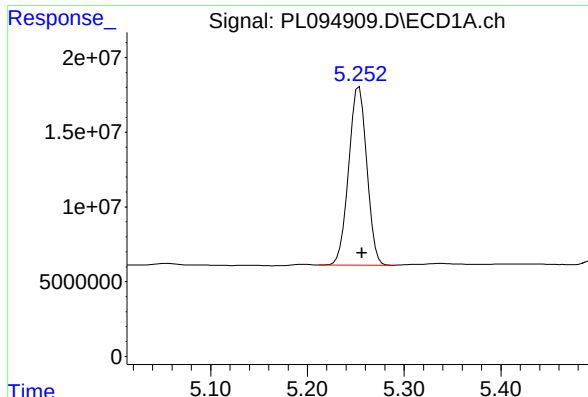
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.003 min
Response: 164017788
Conc: 42.25 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: -0.003 min
Response: 245841297
Conc: 46.66 ng/ml



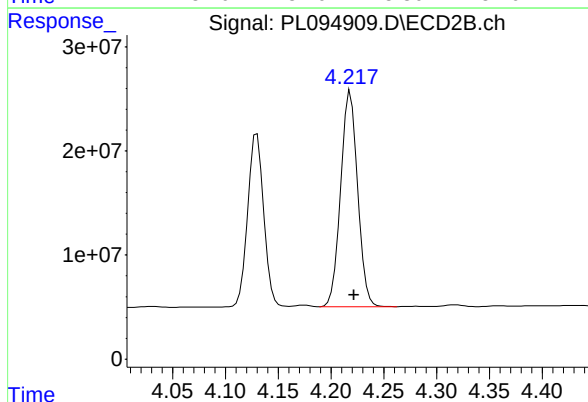
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: -0.003 min
Response: 154259620
Conc: 41.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

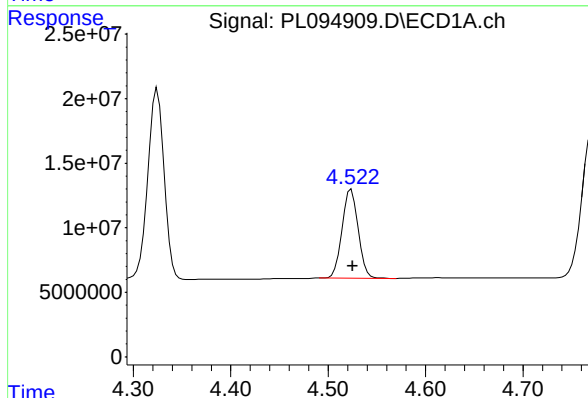
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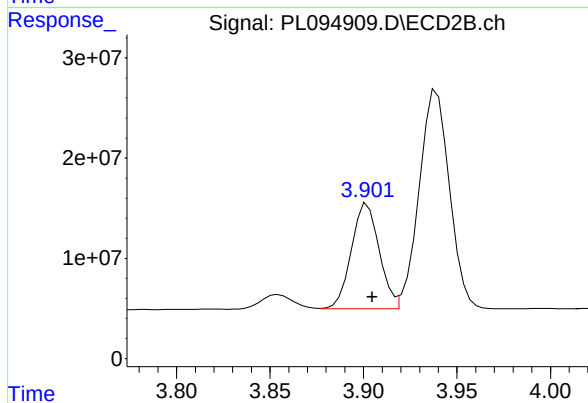
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: -0.003 min
Response: 231781179
Conc: 47.53 ng/ml



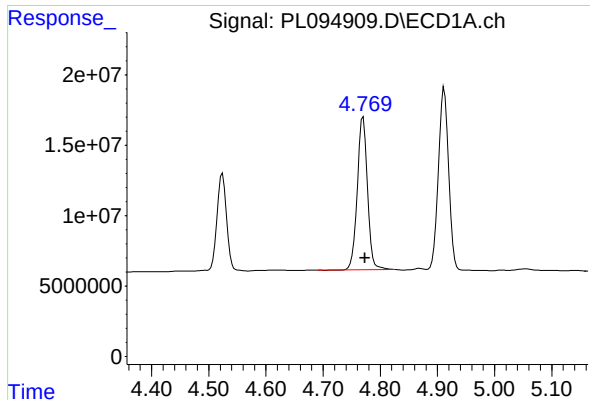
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.002 min
Response: 79060830
Conc: 42.85 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: -0.003 min
Response: 109564936
Conc: 49.32 ng/ml



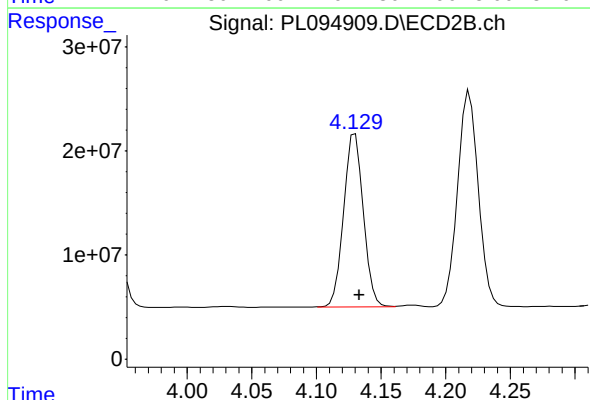
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.003 min
Response: 136360896
Conc: 35.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

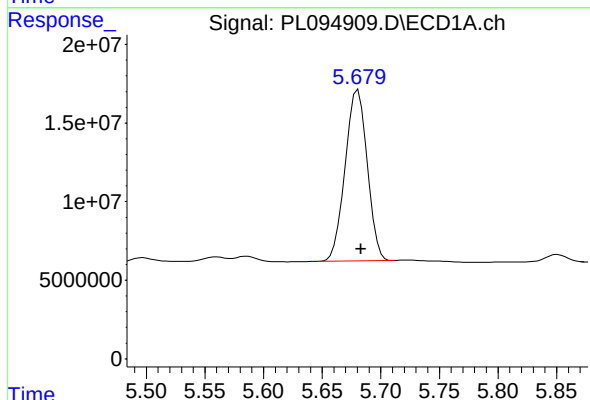
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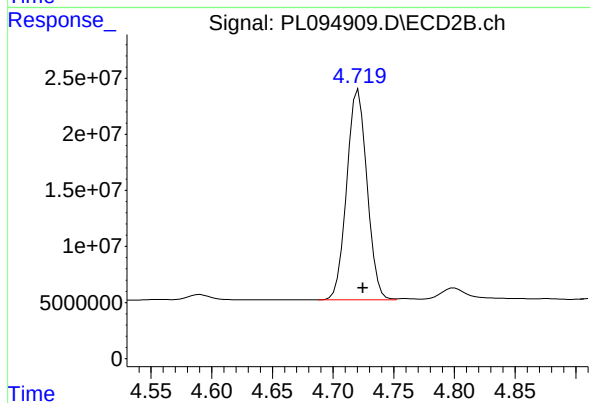
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: -0.003 min
Response: 175417626
Conc: 35.07 ng/ml



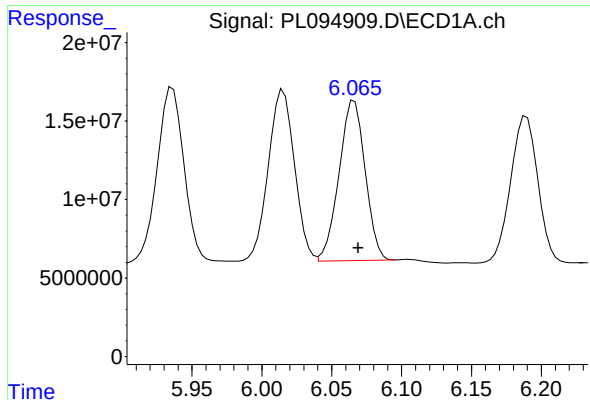
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.003 min
Response: 142800398
Conc: 42.69 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: -0.005 min
Response: 218725117
Conc: 47.77 ng/ml m



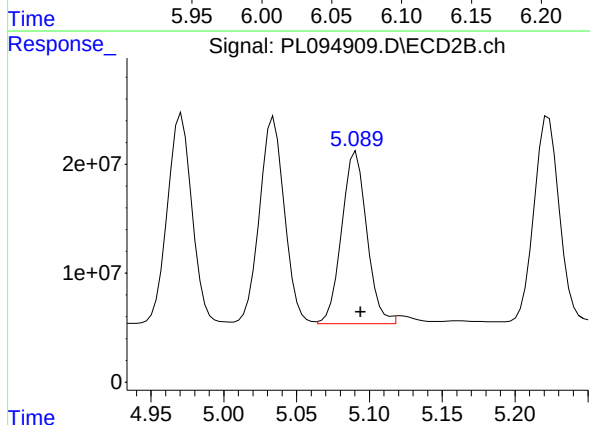
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 132785989
Conc: 43.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

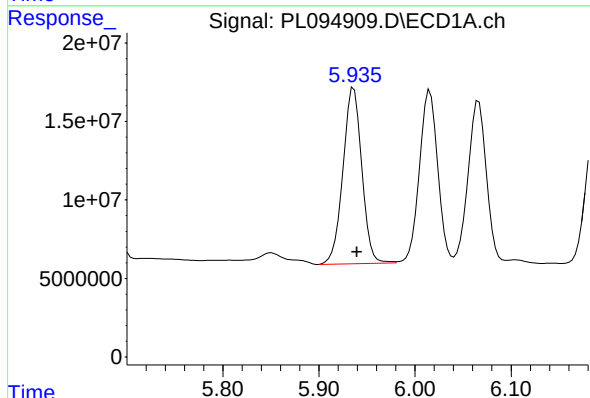
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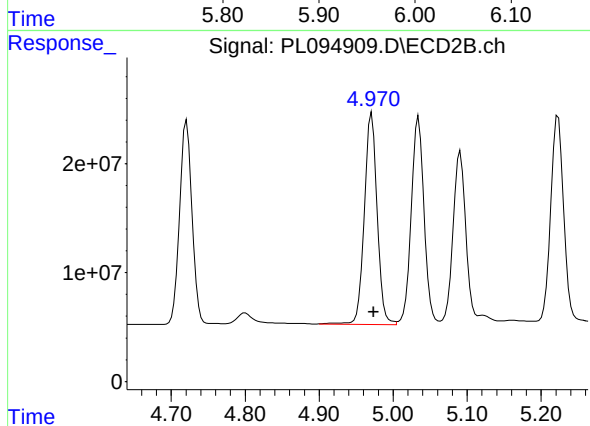
#9 Endosulfan I

R.T.: 5.089 min
Delta R.T.: -0.005 min
Response: 190640134
Conc: 43.44 ng/ml m



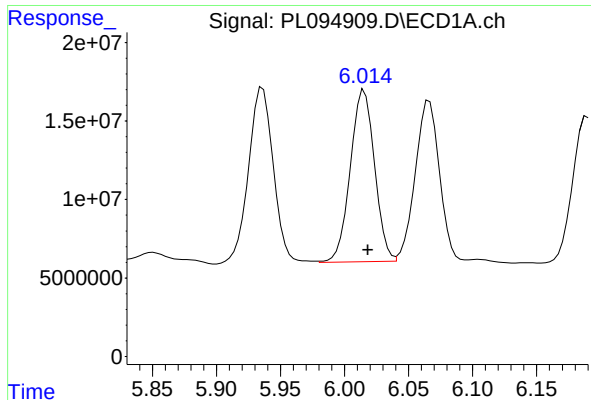
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.003 min
Response: 151814062
Conc: 45.06 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 234036075
Conc: 48.47 ng/ml



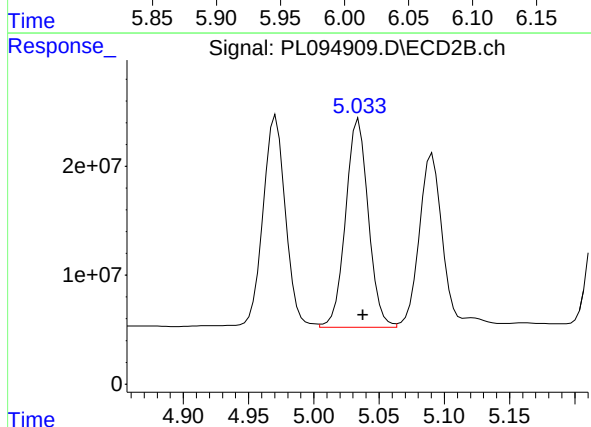
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: -0.003 min
Response: 144154160
Conc: 43.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

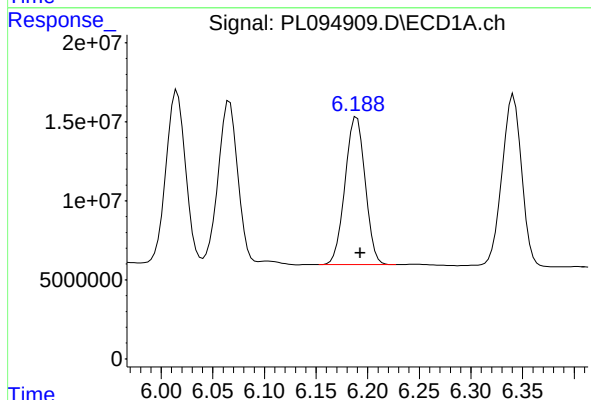
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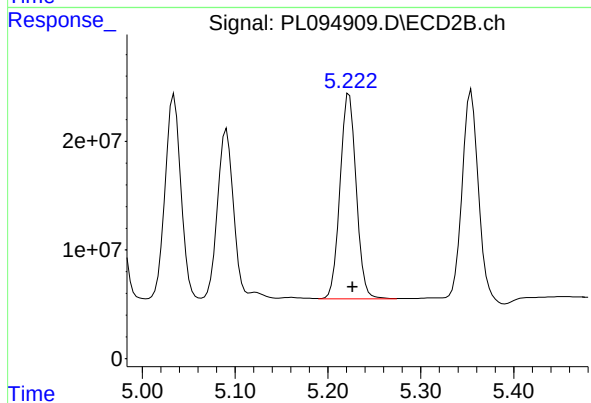
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: -0.003 min
Response: 231631649
Conc: 48.53 ng/ml



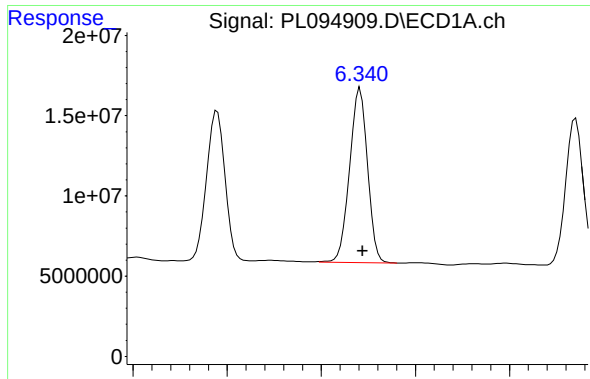
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 127020766
Conc: 43.17 ng/ml



#12 4,4'-DDE

R.T.: 5.222 min
Delta R.T.: -0.005 min
Response: 229265515
Conc: 49.32 ng/ml m



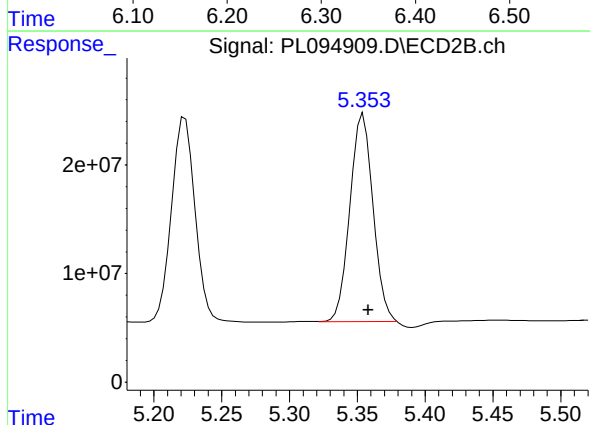
#13 Dieldrin

R.T.: 6.340 min
Delta R.T.: -0.004 min
Response: 143825133
Conc: 44.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

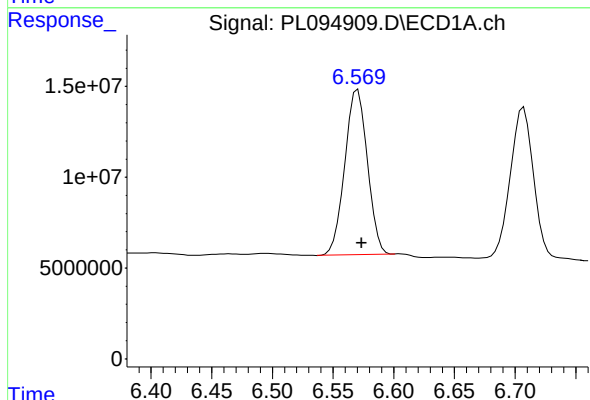
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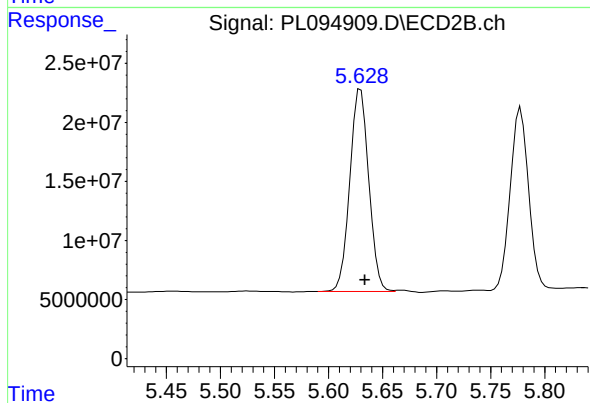
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: -0.005 min
Response: 226770822
Conc: 46.74 ng/ml



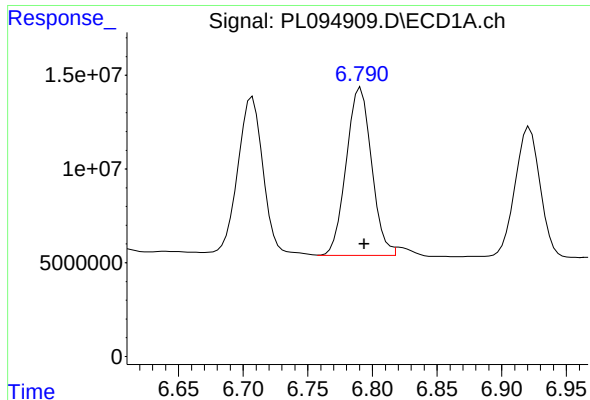
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.003 min
Response: 118020565
Conc: 42.57 ng/ml



#14 Endrin

R.T.: 5.628 min
Delta R.T.: -0.005 min
Response: 209796825
Conc: 48.08 ng/ml



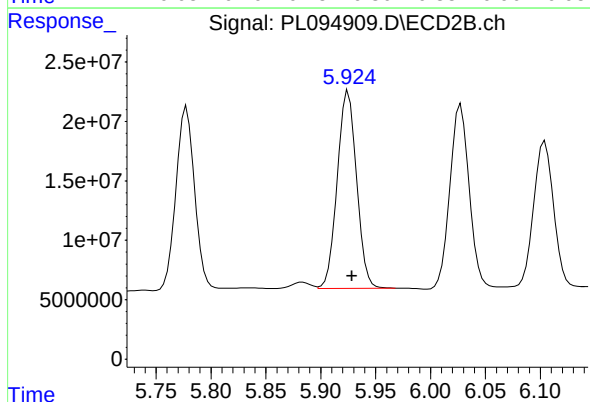
#15 Endosulfan II

R.T.: 6.790 min
Delta R.T.: -0.004 min
Response: 122604023
Conc: 45.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

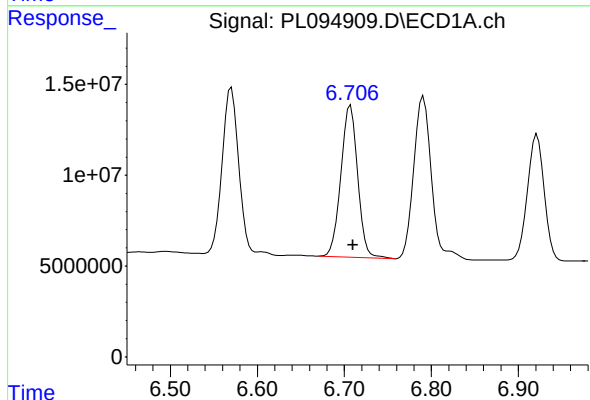
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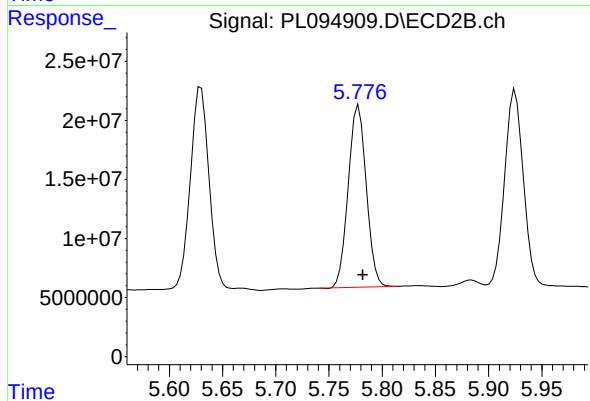
#15 Endosulfan II

R.T.: 5.924 min
Delta R.T.: -0.005 min
Response: 202897178
Conc: 46.88 ng/ml m



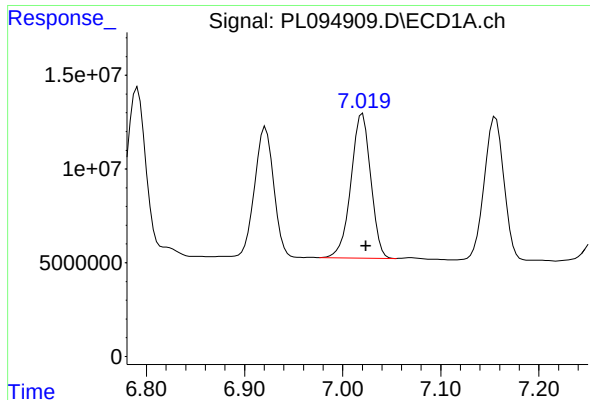
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 112589842
Conc: 51.98 ng/ml



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 179976693
Conc: 50.05 ng/ml



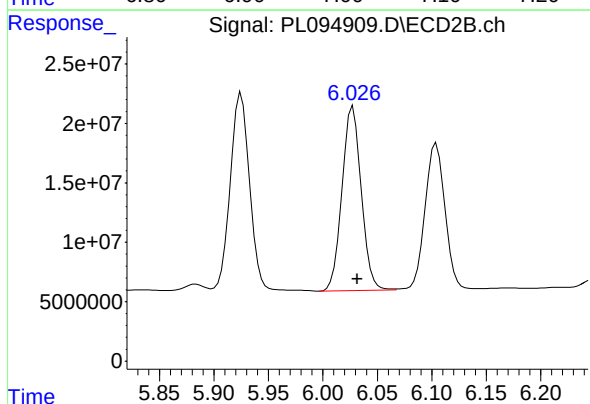
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.004 min
Response: 107806574
Conc: 45.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

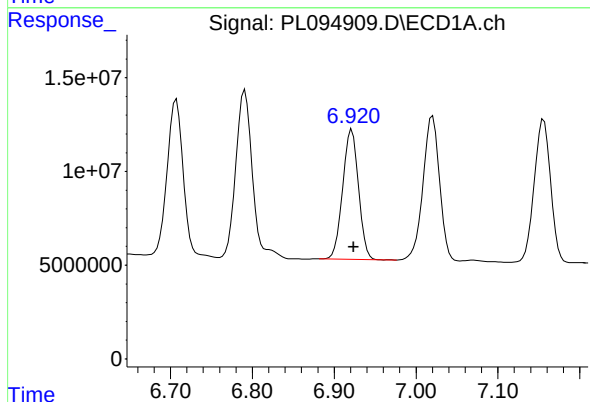
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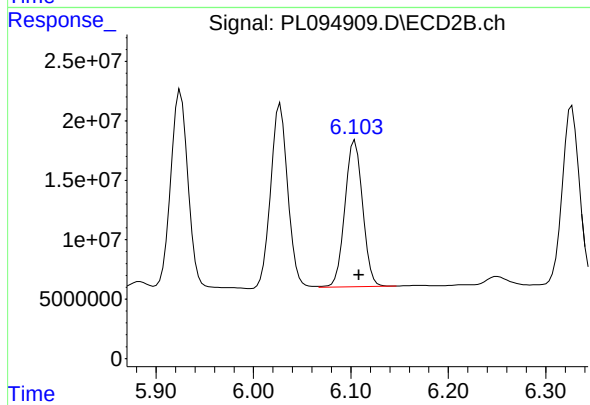
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: -0.004 min
Response: 189886823
Conc: 47.09 ng/ml



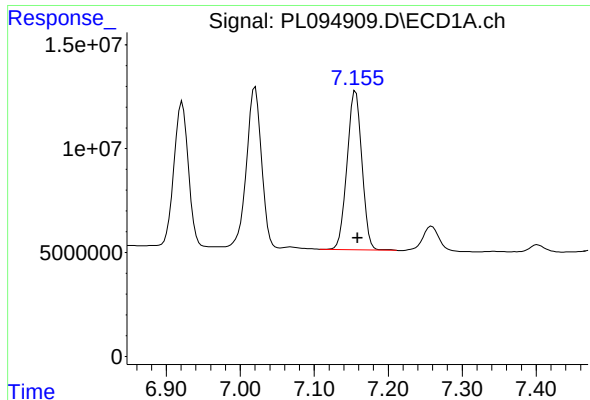
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.002 min
Response: 93197175
Conc: 44.15 ng/ml



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: -0.004 min
Response: 155822872
Conc: 46.30 ng/ml



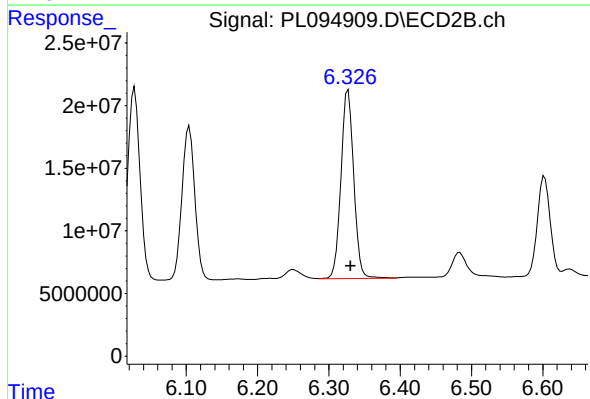
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: -0.003 min
Response: 106517661
Conc: 43.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

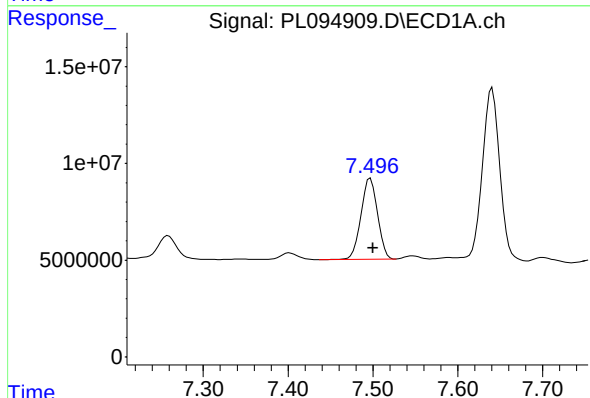
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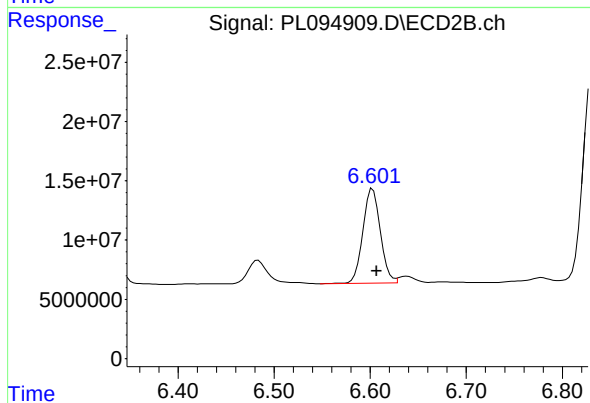
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: -0.004 min
Response: 187735214
Conc: 46.09 ng/ml



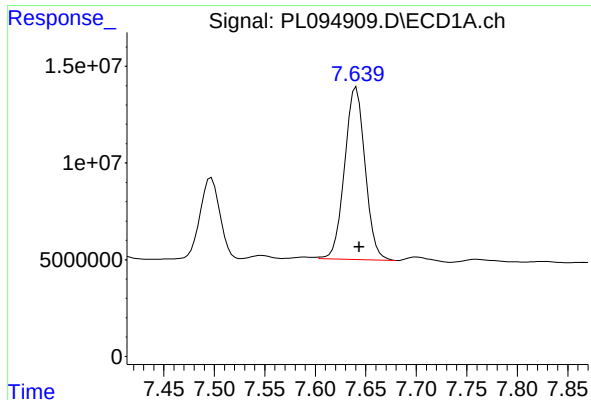
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: -0.003 min
Response: 56812557
Conc: 47.46 ng/ml



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: -0.004 min
Response: 100696894
Conc: 47.47 ng/ml



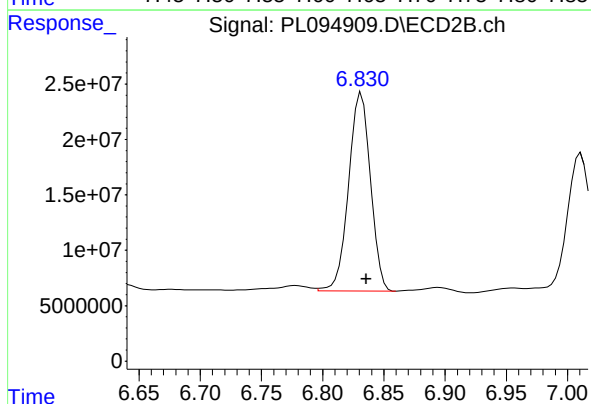
#21 Endrin ketone

R.T.: 7.639 min
Delta R.T.: -0.004 min
Response: 125729166
Conc: 47.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

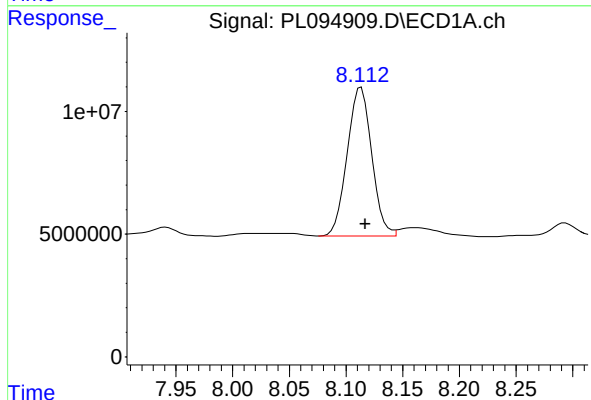
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/28/2025
Supervised By :mohammad ahmed 03/31/2025



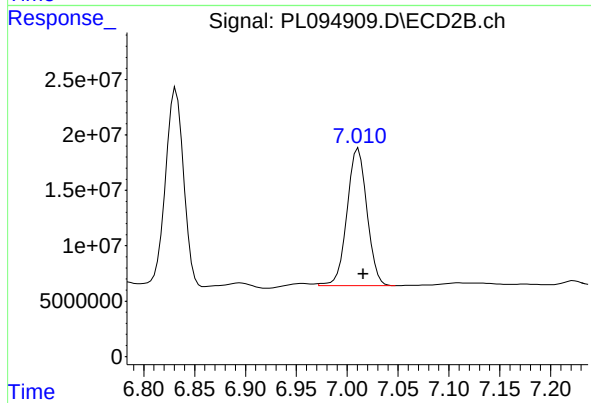
#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: -0.006 min
Response: 222692476
Conc: 46.66 ng/ml m



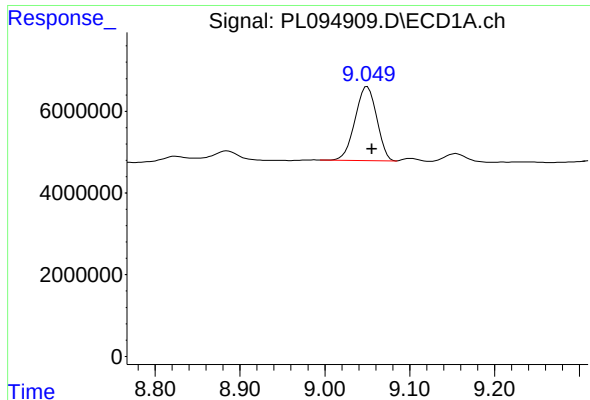
#22 Mirex

R.T.: 8.112 min
Delta R.T.: -0.005 min
Response: 91749565
Conc: 44.40 ng/ml m



#22 Mirex

R.T.: 7.010 min
Delta R.T.: -0.006 min
Response: 168725811
Conc: 44.46 ng/ml m



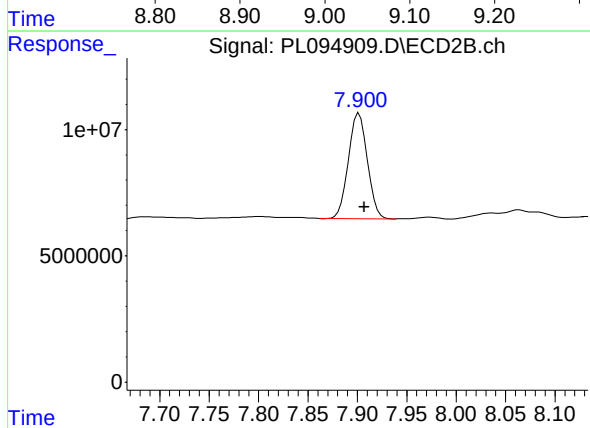
#28 Decachlorobiphenyl

R.T.: 9.050 min
Delta R.T.: -0.005 min
Response: 32091338
Conc: 15.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-3MSD

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#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: -0.005 min
Response: 55791937
Conc: 13.81 ng/ml