

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120425\
 Data File : PL097780.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Dec 2025 16:22
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/05/2025
 Supervised By :mohammad ahmed 12/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 05 01:02:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112525.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 26 07:07:11 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...	3.502	2.802	226.3E6	323.8E6	44.163	45.274
28)	SA Decachlor...	8.963	7.951	139.9E6	229.9E6	43.592	48.847
Target Compounds							
2)	A alpha-BHC	3.948	3.305	384.2E6	530.9E6	45.291	46.352
3)	MA gamma-BHC...	4.277	3.635	354.2E6	489.7E6	45.437	47.704
4)	MA Heptachlor	4.867	3.981	340.6E6	447.1E6	45.662	47.249
5)	MB Aldrin	5.205	4.262	314.3E6	445.0E6	45.798	46.908
6)	B beta-BHC	4.466	3.931	149.8E6	204.9E6	45.872	46.326
7)	B delta-BHC	4.711	4.163	335.2E6	482.2E6	48.029	47.066
8)	B Heptachlo...	5.623	4.763	288.3E6	397.0E6	45.838m	47.307
9)	A Endosulfan I	6.006	5.133	245.8E6	369.3E6	45.557	42.695
10)	B gamma-Chl...	5.879	5.013	274.8E6	427.3E6	45.977	47.743m
11)	B alpha-Chl...	5.958	5.078	268.3E6	424.9E6	44.848	45.376
12)	B 4,4'-DDE	6.130	5.266	238.0E6	385.2E6	44.432	47.325m
13)	MA Dieldrin	6.278	5.397	255.2E6	426.5E6	45.619	49.358
14)	MA Endrin	6.505	5.672	205.1E6	358.9E6	44.562	46.700
15)	B Endosulfa...	6.717	5.964	223.8E6	345.9E6	44.110m	47.525
16)	A 4,4'-DDD	6.639	5.820	191.0E6	324.9E6	44.863	48.034
17)	MA 4,4'-DDT	6.953	6.071	182.5E6	271.5E6	50.013	55.093
18)	B Endrin al...	6.848	6.142	161.4E6	254.9E6	44.419	45.339
19)	B Endosulfa...	7.081	6.365	195.7E6	332.4E6	44.487	48.435
20)	A Methoxychlor	7.425	6.643	90609274	141.8E6	48.010	52.781
21)	B Endrin ke...	7.559	6.868	202.8E6	359.0E6	46.480	49.280
22)	Mirex	8.035	7.056	141.5E6	253.0E6	46.564	48.903

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120425\
Data File : PL097780.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Dec 2025 16:22
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

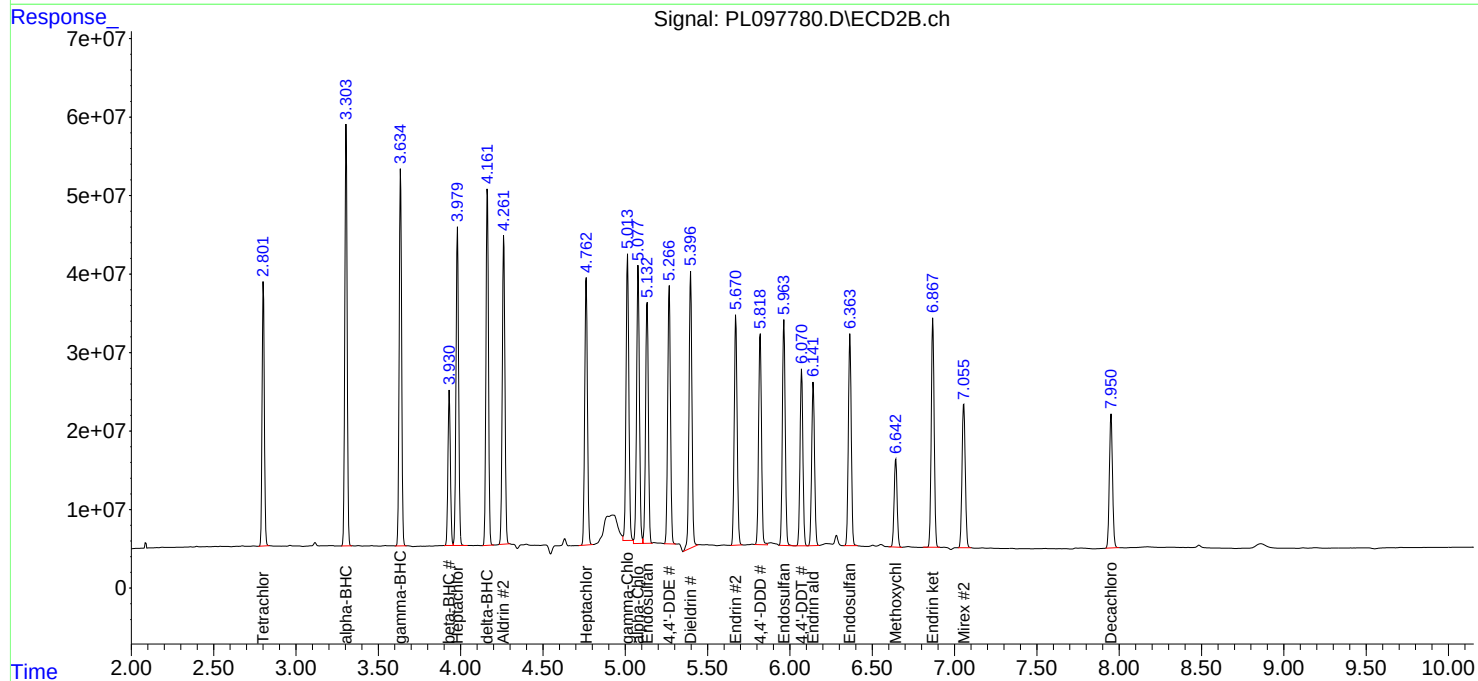
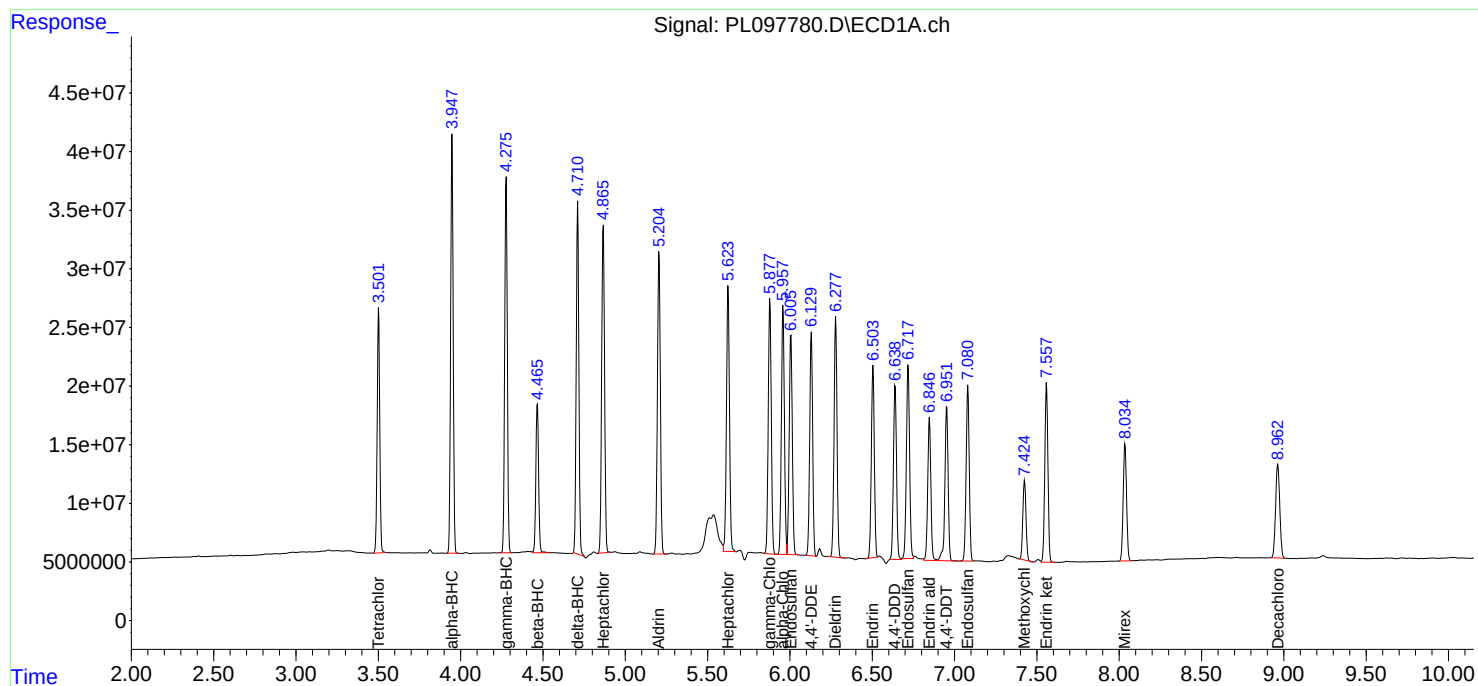
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

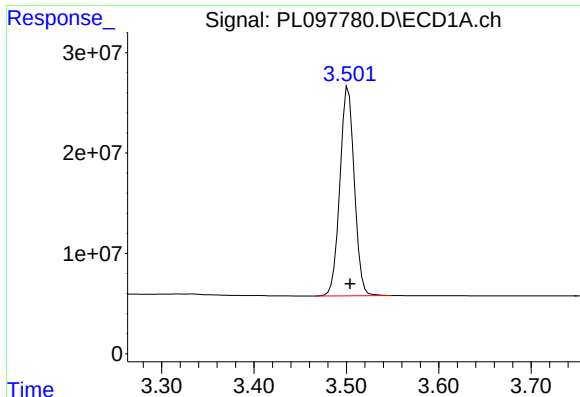
Manual Integrations
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Supervised By :mohammad ahmed 12/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 05 01:02:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112525.M
Quant Title : GC Extractables
QLast Update : Wed Nov 26 07:07:11 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





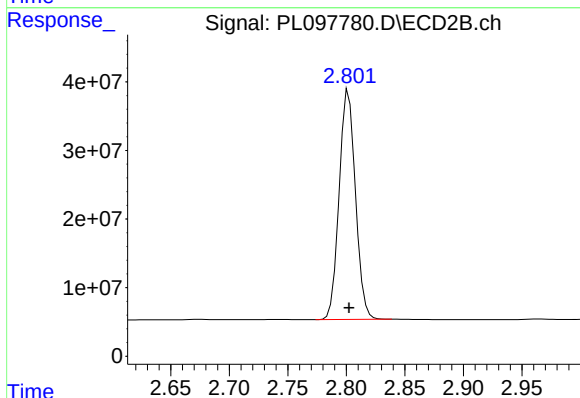
#1 Tetrachloro-m-xylene

R.T.: 3.502 min
Delta R.T.: -0.002 min
Response: 226282711
Conc: 44.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

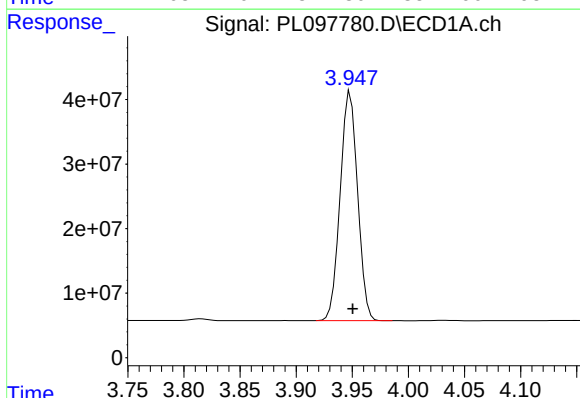
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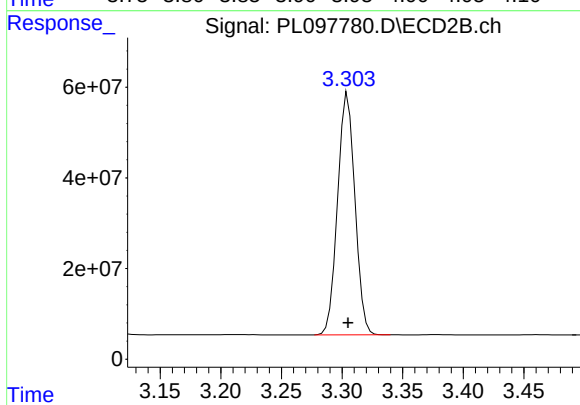
#1 Tetrachloro-m-xylene

R.T.: 2.802 min
Delta R.T.: 0.000 min
Response: 323844781
Conc: 45.27 ng/ml



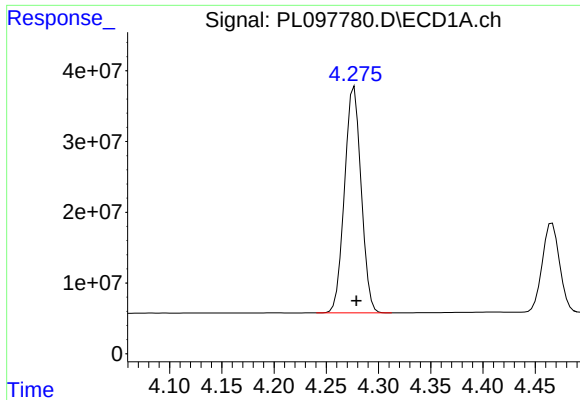
#2 alpha-BHC

R.T.: 3.948 min
Delta R.T.: -0.002 min
Response: 384236543
Conc: 45.29 ng/ml



#2 alpha-BHC

R.T.: 3.305 min
Delta R.T.: 0.000 min
Response: 530939867
Conc: 46.35 ng/ml



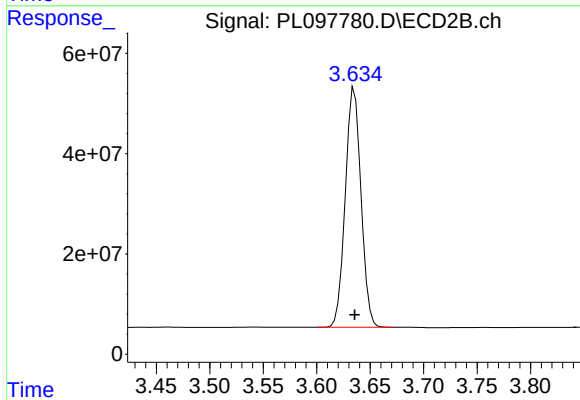
#3 gamma-BHC (Lindane)

R.T.: 4.277 min
Delta R.T.: -0.002 min
Response: 354164846
Conc: 45.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

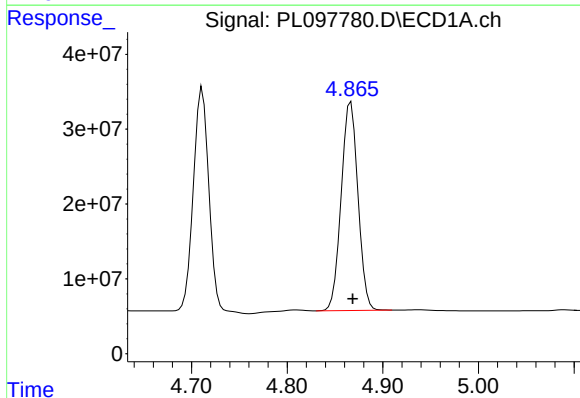
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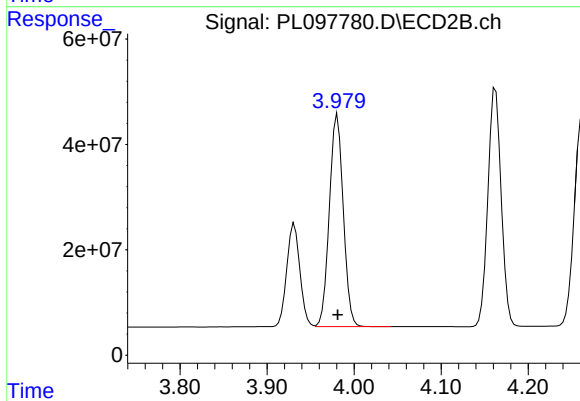
#3 gamma-BHC (Lindane)

R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 489650817
Conc: 47.70 ng/ml



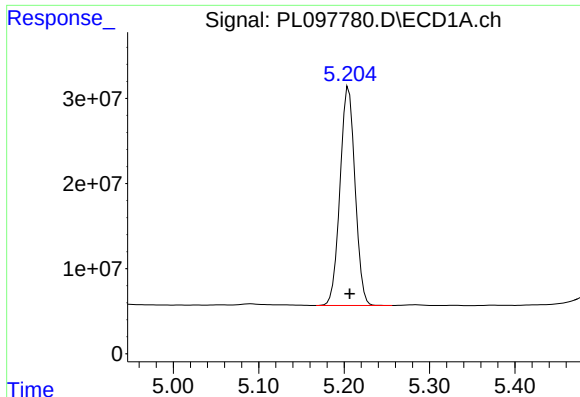
#4 Heptachlor

R.T.: 4.867 min
Delta R.T.: -0.002 min
Response: 340634761
Conc: 45.66 ng/ml



#4 Heptachlor

R.T.: 3.981 min
Delta R.T.: 0.000 min
Response: 447074400
Conc: 47.25 ng/ml



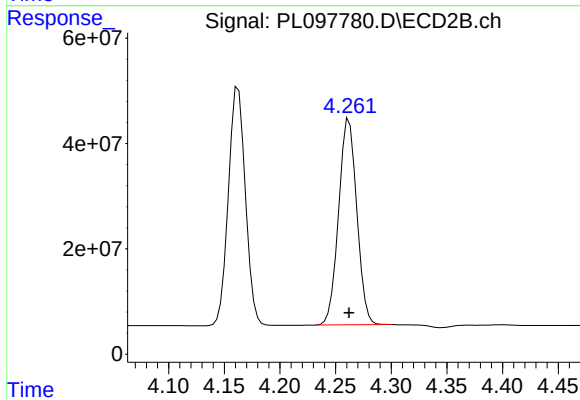
#5 Aldrin

R.T.: 5.205 min
Delta R.T.: -0.001 min
Response: 314271546
Conc: 45.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

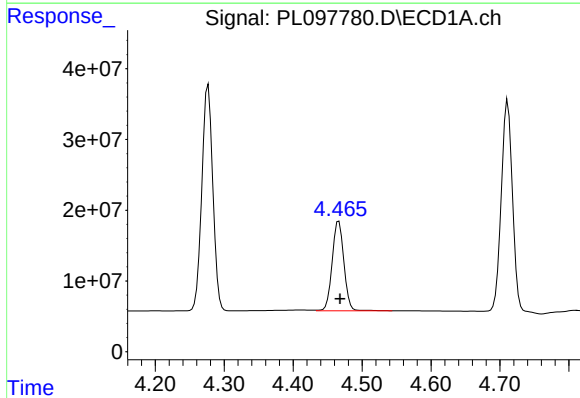
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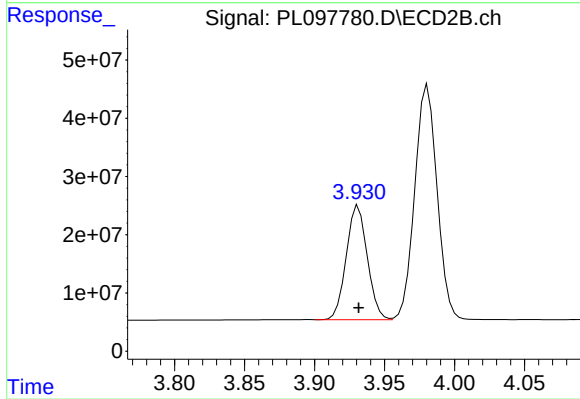
#5 Aldrin

R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 445033432
Conc: 46.91 ng/ml



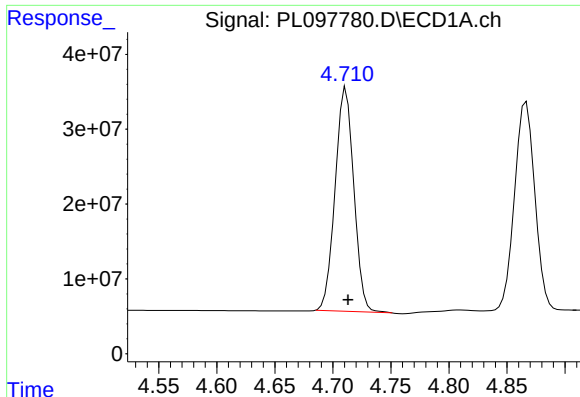
#6 beta-BHC

R.T.: 4.466 min
Delta R.T.: -0.002 min
Response: 149781858
Conc: 45.87 ng/ml



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 204941378
Conc: 46.33 ng/ml



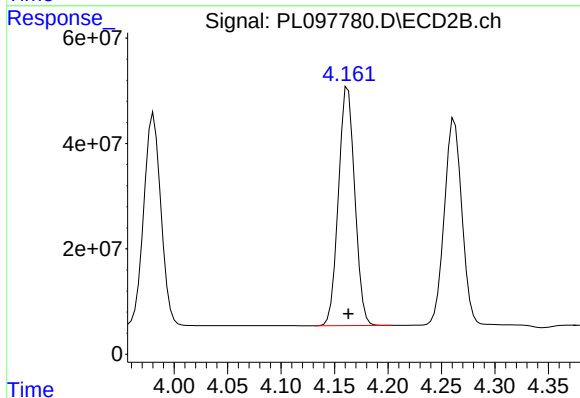
#7 delta-BHC

R.T.: 4.711 min
Delta R.T.: -0.002 min
Response: 335230760
Conc: 48.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

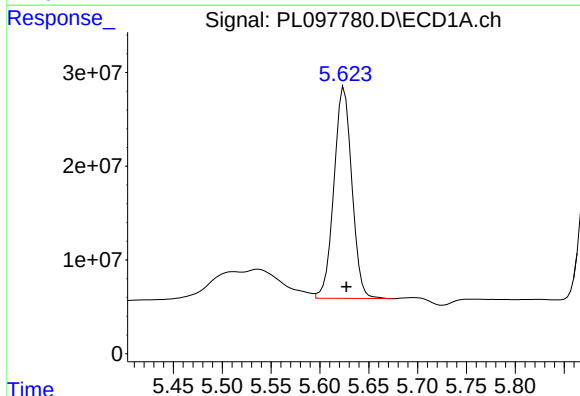
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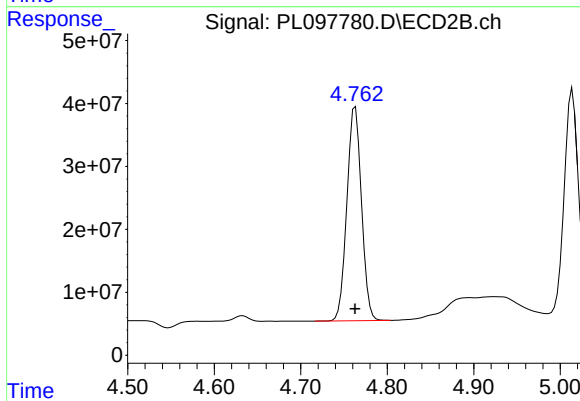
#7 delta-BHC

R.T.: 4.163 min
Delta R.T.: 0.000 min
Response: 482209045
Conc: 47.07 ng/ml



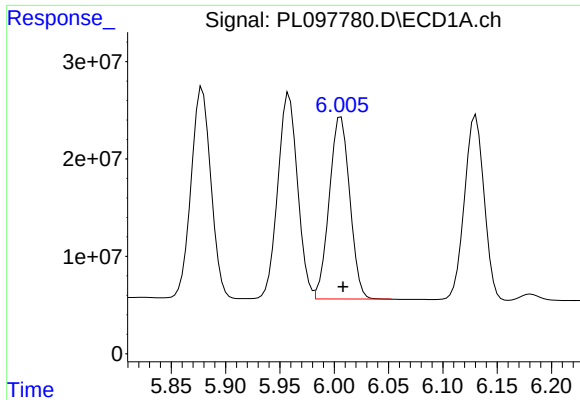
#8 Heptachlor epoxide

R.T.: 5.623 min
Delta R.T.: -0.004 min
Response: 288259179
Conc: 45.84 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.763 min
Delta R.T.: 0.000 min
Response: 396995922
Conc: 47.31 ng/ml



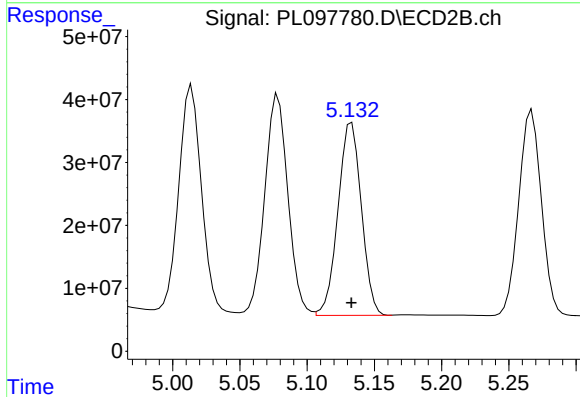
#9 Endosulfan I

R.T.: 6.006 min
Delta R.T.: -0.002 min
Response: 245783241
Conc: 45.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

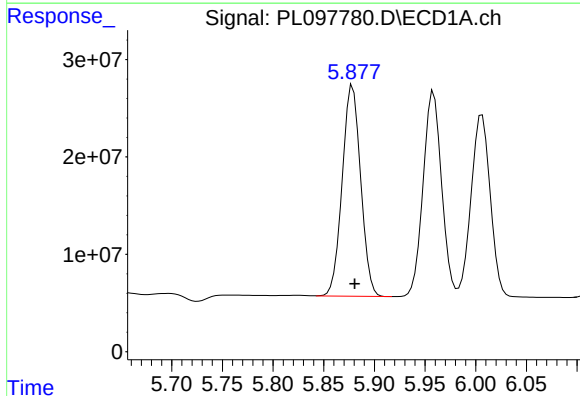
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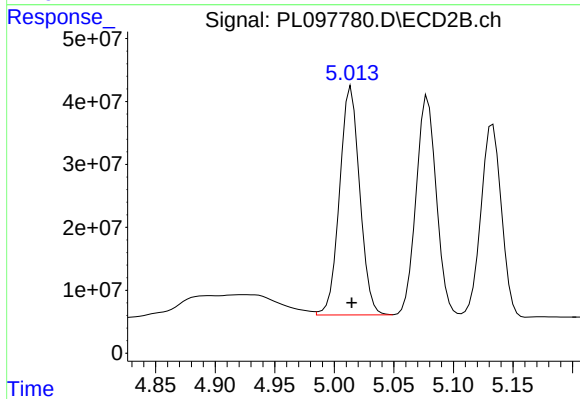
#9 Endosulfan I

R.T.: 5.133 min
Delta R.T.: 0.000 min
Response: 369269028
Conc: 42.70 ng/ml



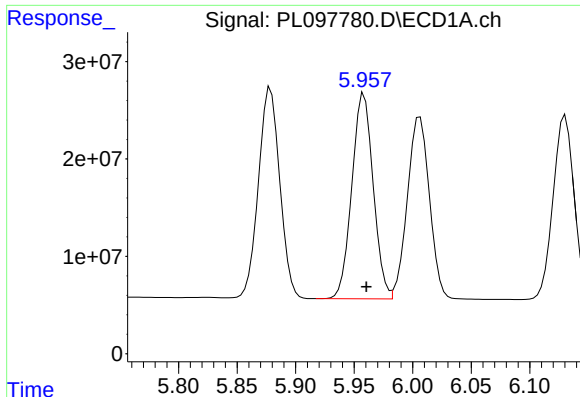
#10 gamma-Chlordane

R.T.: 5.879 min
Delta R.T.: -0.002 min
Response: 274760010
Conc: 45.98 ng/ml



#10 gamma-Chlordane

R.T.: 5.013 min
Delta R.T.: -0.002 min
Response: 427308664
Conc: 47.74 ng/ml m



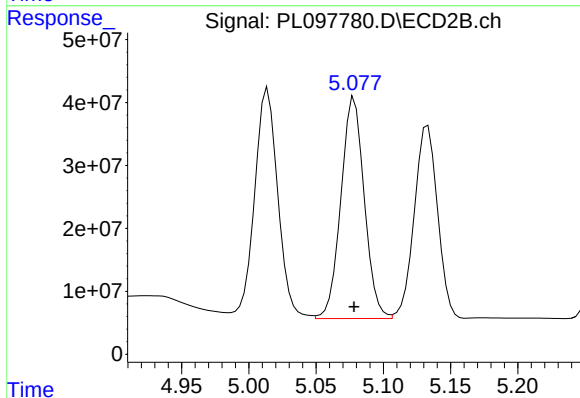
#11 alpha-Chlordane

R.T.: 5.958 min
Delta R.T.: -0.002 min
Response: 268268822
Conc: 44.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

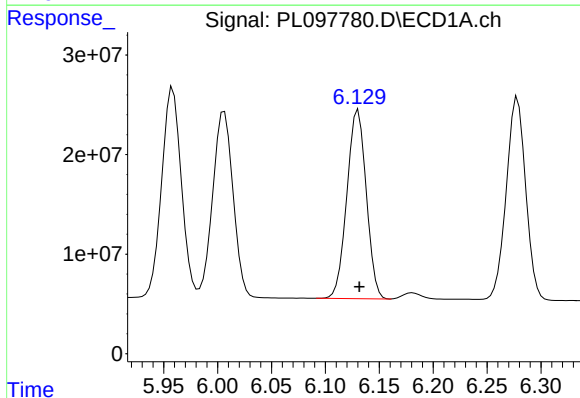
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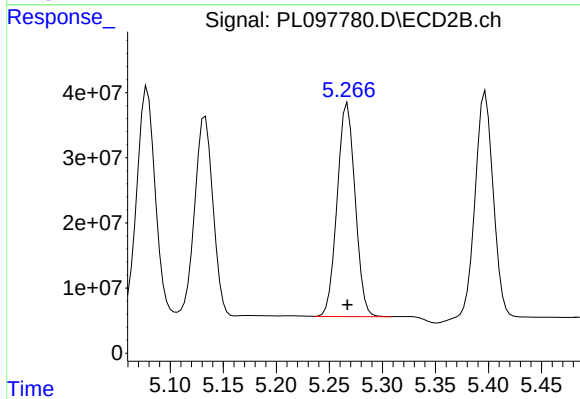
#11 alpha-Chlordane

R.T.: 5.078 min
Delta R.T.: 0.000 min
Response: 424868228
Conc: 45.38 ng/ml



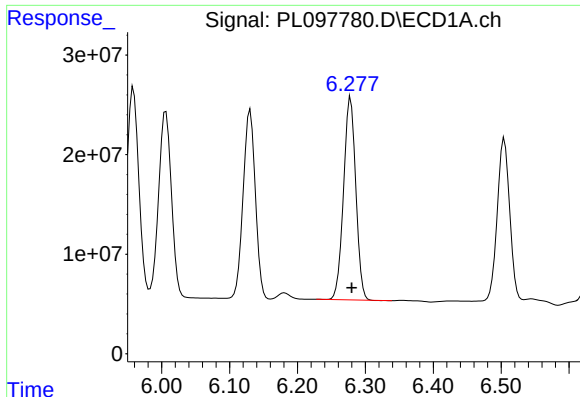
#12 4,4'-DDE

R.T.: 6.130 min
Delta R.T.: -0.001 min
Response: 238032161
Conc: 44.43 ng/ml



#12 4,4'-DDE

R.T.: 5.266 min
Delta R.T.: -0.001 min
Response: 385181259
Conc: 47.33 ng/ml m



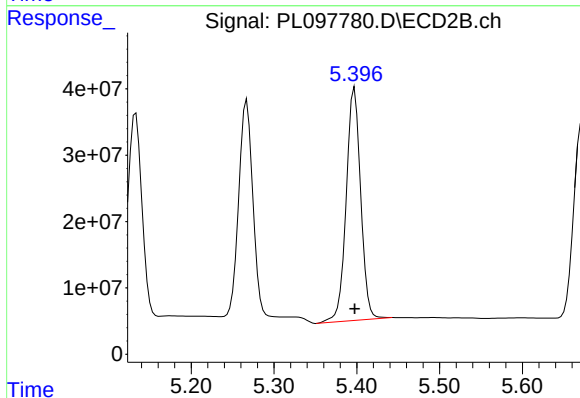
#13 Dieldrin

R.T.: 6.278 min
Delta R.T.: -0.002 min
Response: 255167245
Conc: 45.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

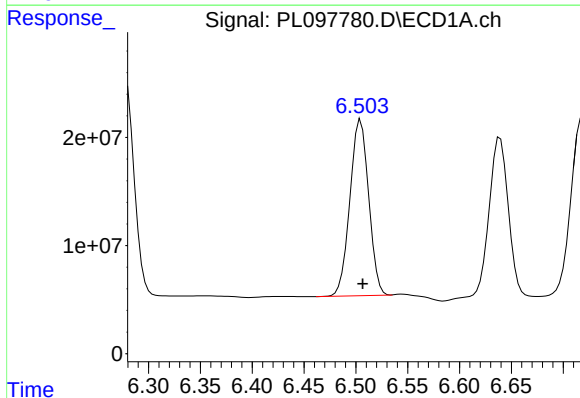
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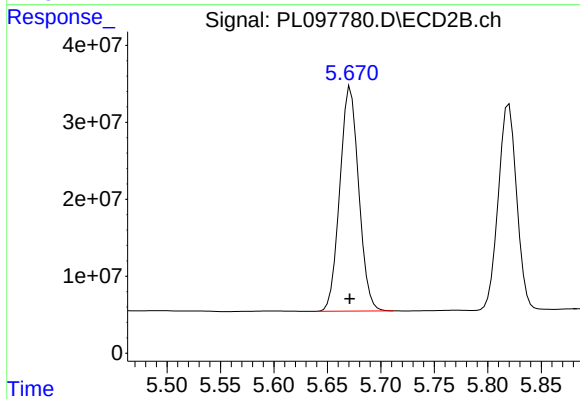
#13 Dieldrin

R.T.: 5.397 min
Delta R.T.: 0.000 min
Response: 426494788
Conc: 49.36 ng/ml



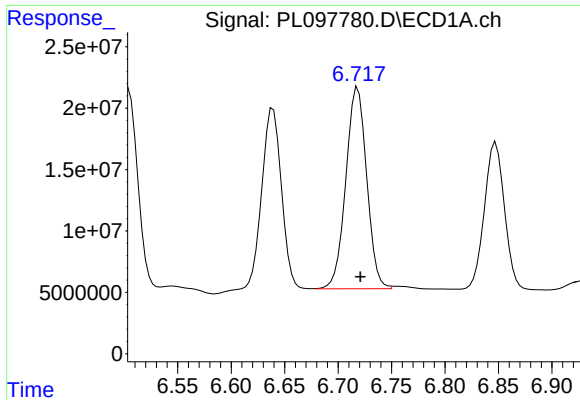
#14 Endrin

R.T.: 6.505 min
Delta R.T.: -0.002 min
Response: 205141287
Conc: 44.56 ng/ml



#14 Endrin

R.T.: 5.672 min
Delta R.T.: 0.000 min
Response: 358941772
Conc: 46.70 ng/ml



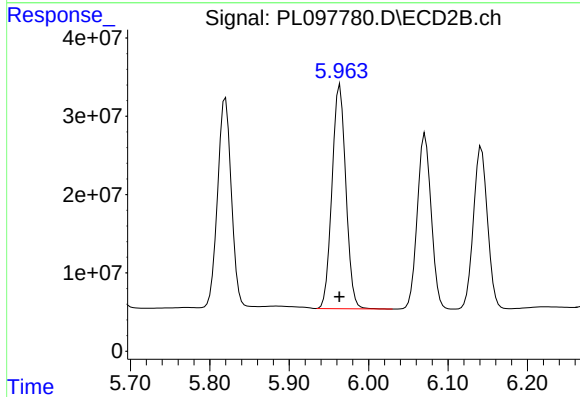
#15 Endosulfan II

R.T.: 6.717 min
Delta R.T.: -0.004 min
Response: 223768761
Conc: 44.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

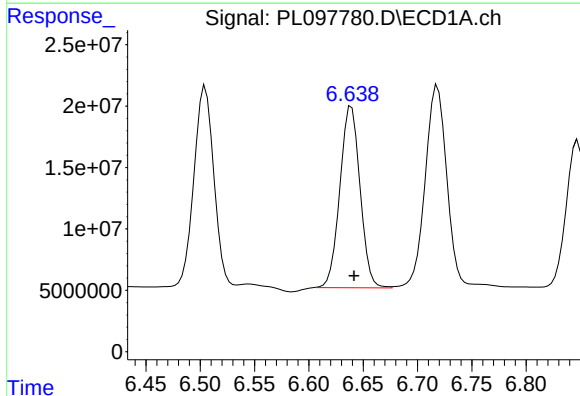
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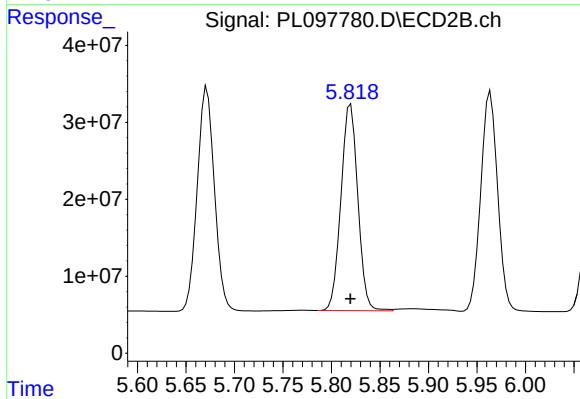
#15 Endosulfan II

R.T.: 5.964 min
Delta R.T.: 0.000 min
Response: 345945077
Conc: 47.53 ng/ml



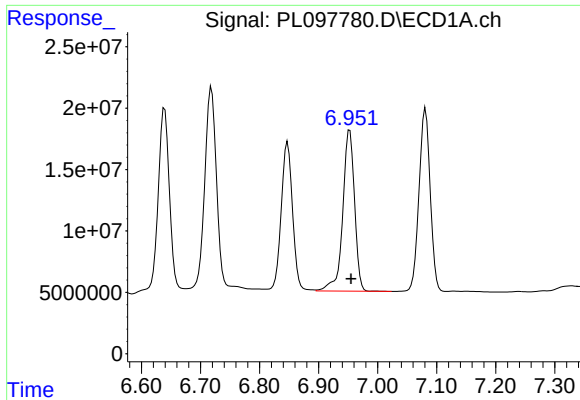
#16 4,4'-DDD

R.T.: 6.639 min
Delta R.T.: -0.002 min
Response: 191004354
Conc: 44.86 ng/ml



#16 4,4'-DDD

R.T.: 5.820 min
Delta R.T.: 0.000 min
Response: 324936518
Conc: 48.03 ng/ml



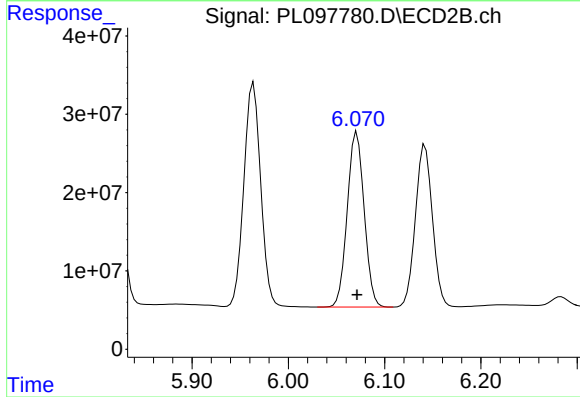
#17 4,4'-DDT

R.T.: 6.953 min
Delta R.T.: -0.002 min
Response: 182495305
Conc: 50.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

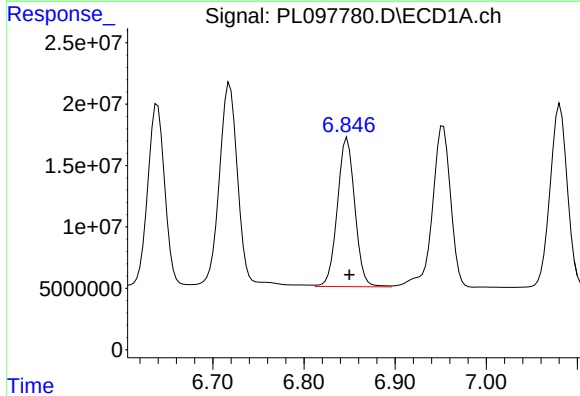
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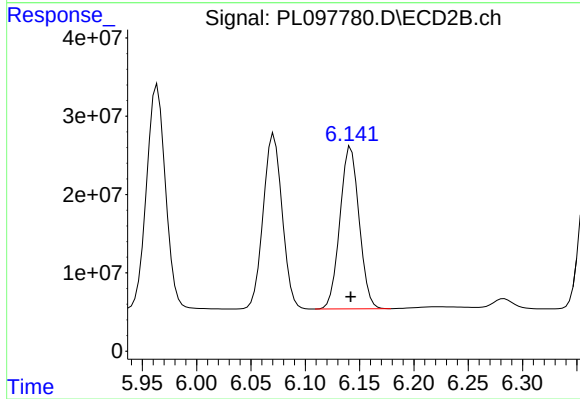
#17 4,4'-DDT

R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 271508018
Conc: 55.09 ng/ml



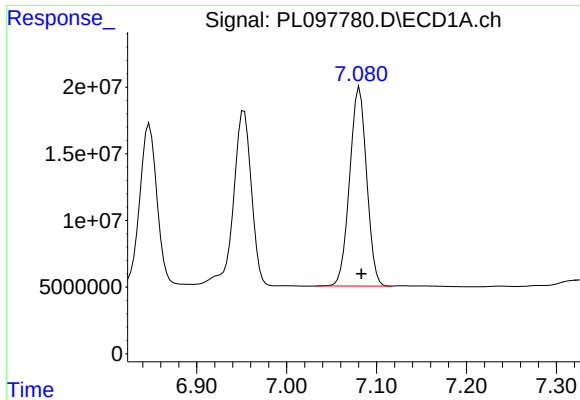
#18 Endrin aldehyde

R.T.: 6.848 min
Delta R.T.: -0.002 min
Response: 161355093
Conc: 44.42 ng/ml



#18 Endrin aldehyde

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 254858324
Conc: 45.34 ng/ml



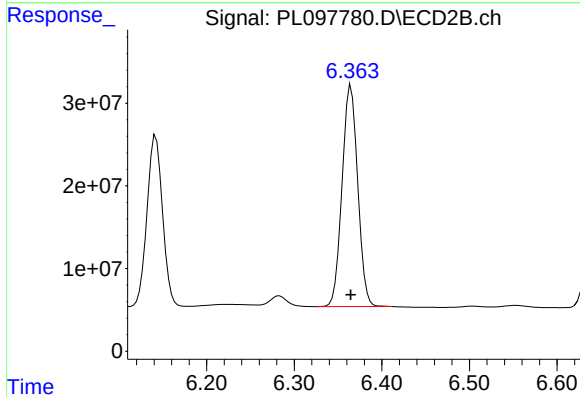
#19 Endosulfan Sulfate

R.T.: 7.081 min
Delta R.T.: -0.002 min
Response: 195729801
Conc: 44.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

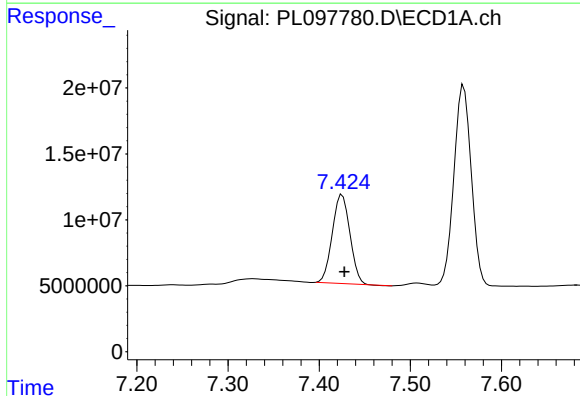
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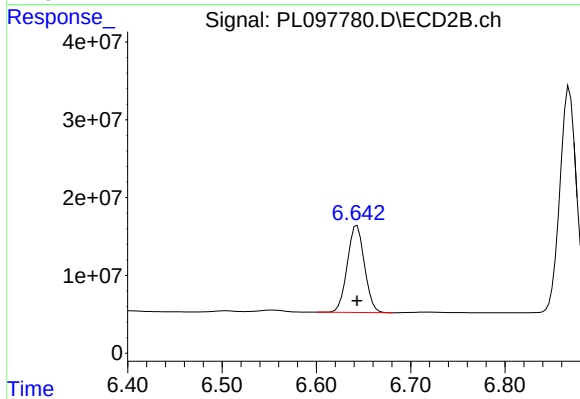
#19 Endosulfan Sulfate

R.T.: 6.365 min
Delta R.T.: 0.000 min
Response: 332402366
Conc: 48.43 ng/ml



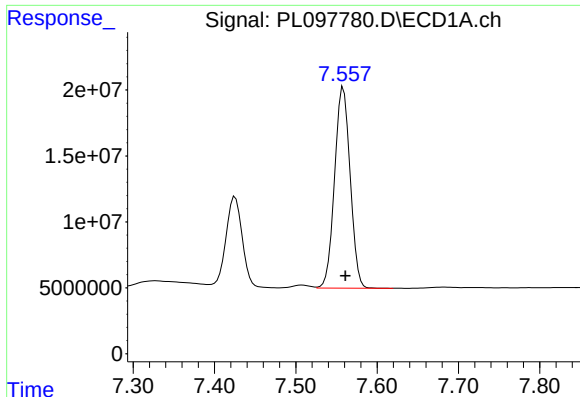
#20 Methoxychlor

R.T.: 7.425 min
Delta R.T.: -0.002 min
Response: 90609274
Conc: 48.01 ng/ml



#20 Methoxychlor

R.T.: 6.643 min
Delta R.T.: 0.000 min
Response: 141782201
Conc: 52.78 ng/ml



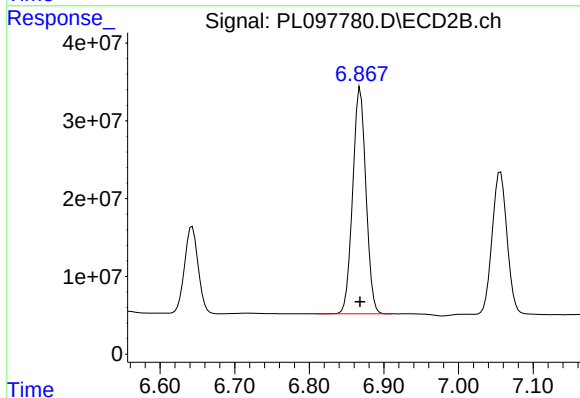
#21 Endrin ketone

R.T.: 7.559 min
Delta R.T.: -0.002 min
Response: 202833415
Conc: 46.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

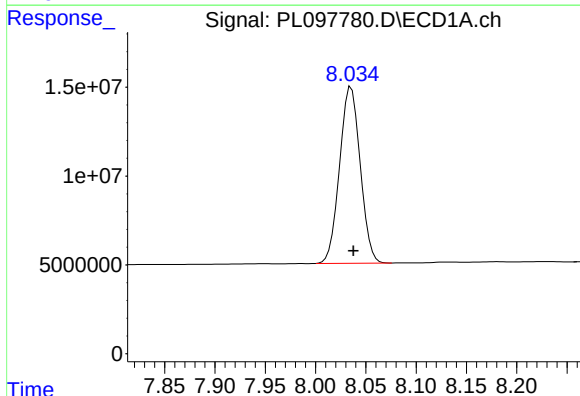
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/05/2025
Supervised By :mohammad ahmed 12/08/2025



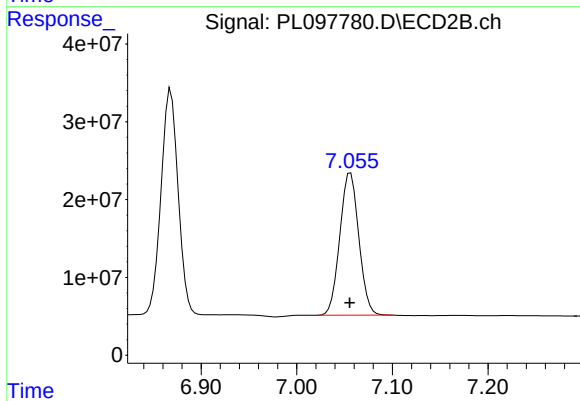
#21 Endrin ketone

R.T.: 6.868 min
Delta R.T.: 0.000 min
Response: 359021953
Conc: 49.28 ng/ml



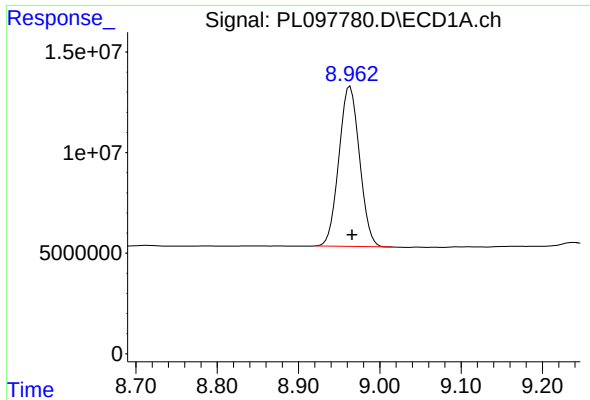
#22 Mirex

R.T.: 8.035 min
Delta R.T.: -0.002 min
Response: 141539972
Conc: 46.56 ng/ml



#22 Mirex

R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 253038370
Conc: 48.90 ng/ml



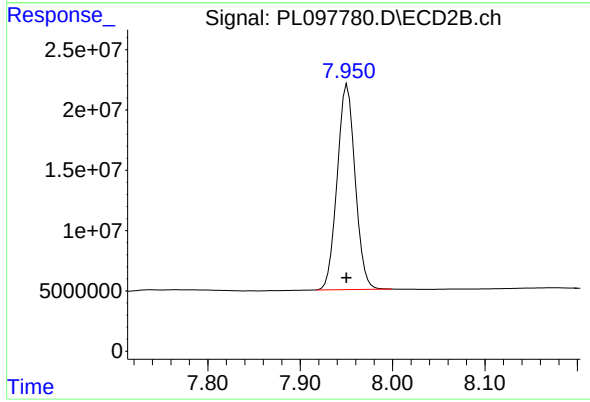
#28 Decachlorobiphenyl

R.T.: 8.963 min
Delta R.T.: -0.003 min
Response: 139915179
Conc: 43.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.951 min
Delta R.T.: 0.001 min
Response: 229913765
Conc: 48.85 ng/ml