

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121525\
 Data File : PL097862.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Dec 2025 19:09
 Operator : AR\AJ
 Sample : Q3853-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP01-MH11MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/16/2025
 Supervised By :Yogesh Patel 12/16/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 16 01:03:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120925.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 09 14:16:16 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...	3.497	2.799	100.0E6	136.1E6	19.818	19.483
28)	SA Decachlor...	8.954	7.946	66624371	114.8E6	17.535	17.458
Target Compounds							
2)	A alpha-BHC	3.943	3.302	470.3E6	644.3E6	55.614	56.156
3)	MA gamma-BHC...	4.271	3.632	443.7E6	605.6E6	55.349	56.303
4)	MA Heptachlor	4.861	3.978	431.9E6	549.6E6	54.244	52.873
5)	MB Aldrin	5.199	4.259	412.6E6	548.4E6	56.954	55.454
6)	B beta-BHC	4.459	3.928	177.9E6	249.5E6	53.125m	53.817
7)	B delta-BHC	4.704	4.160	434.9E6	606.5E6	56.149m	56.754
8)	B Heptachlo...	5.619	4.760	397.7E6	500.7E6	59.773	55.615
9)	A Endosulfan I	5.999	5.130	328.0E6	484.2E6	55.703	47.528
10)	B gamma-Chl...	5.873	5.011	366.5E6	575.0E6	56.453	56.453
11)	B alpha-Chl...	5.952	5.075	362.5E6	543.3E6	55.833	52.975
12)	B 4,4'-DDE	6.124	5.264	327.9E6	501.2E6	55.823	56.887
13)	MA Dieldrin	6.272	5.394	350.8E6	524.8E6	57.169	56.005
14)	MA Endrin	6.498	5.668	293.2E6	471.6E6	56.611	56.436
15)	B Endosulfa...	6.712	5.960	275.2E6	470.0E6	53.846	56.788
16)	A 4,4'-DDD	6.633	5.816	268.3E6	402.0E6	57.932	53.590
17)	MA 4,4'-DDT	6.946	6.068	266.9E6	400.6E6	55.713	52.231
18)	B Endrin al...	6.841	6.138	227.5E6	345.1E6	57.725	54.053
19)	B Endosulfa...	7.074	6.361	271.5E6	443.3E6	54.770	54.453
20)	A Methoxychlor	7.419	6.639	137.1E6	209.8E6	54.482	50.202
21)	B Endrin ke...	7.552	6.864	285.6E6	487.1E6	54.966	54.597
22)	Mirex	8.028	7.052	169.7E6	301.0E6	49.205	46.633

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121525\
Data File : PL097862.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Dec 2025 19:09
Operator : AR\AJ
Sample : Q3853-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

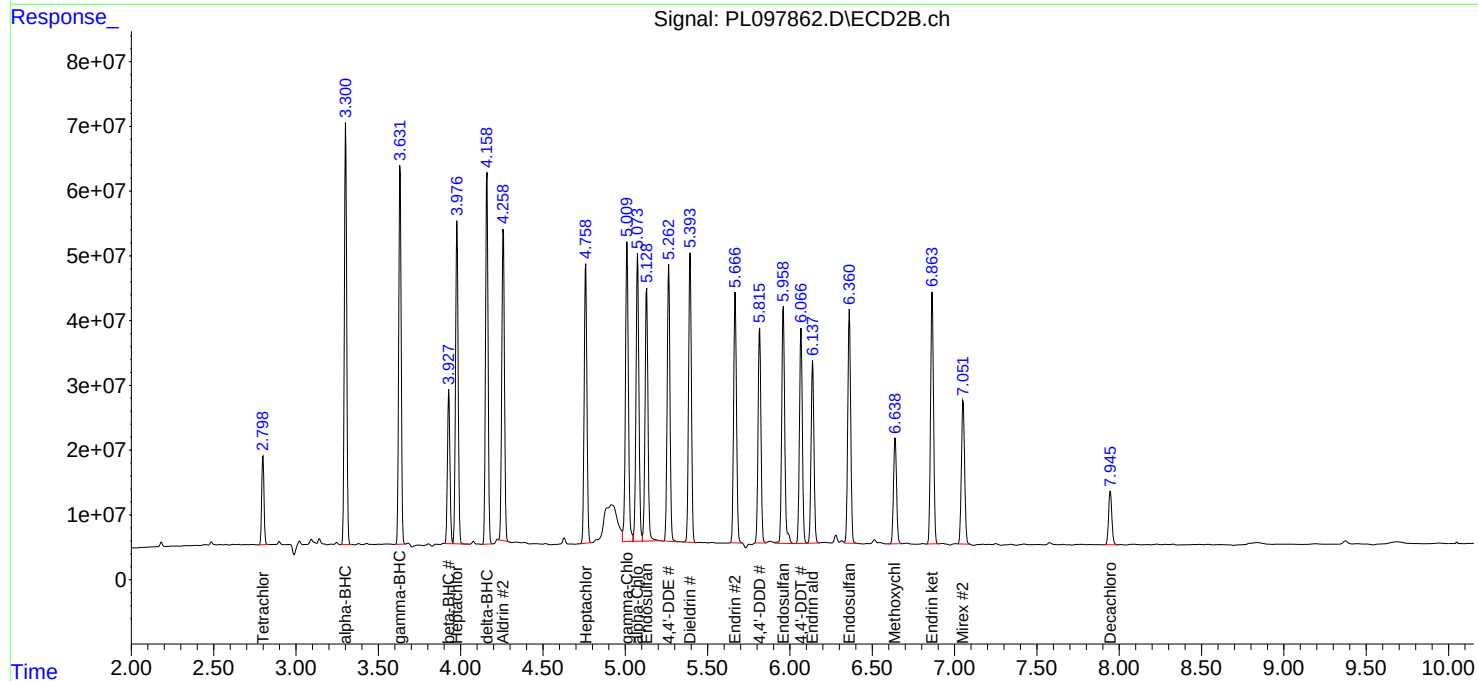
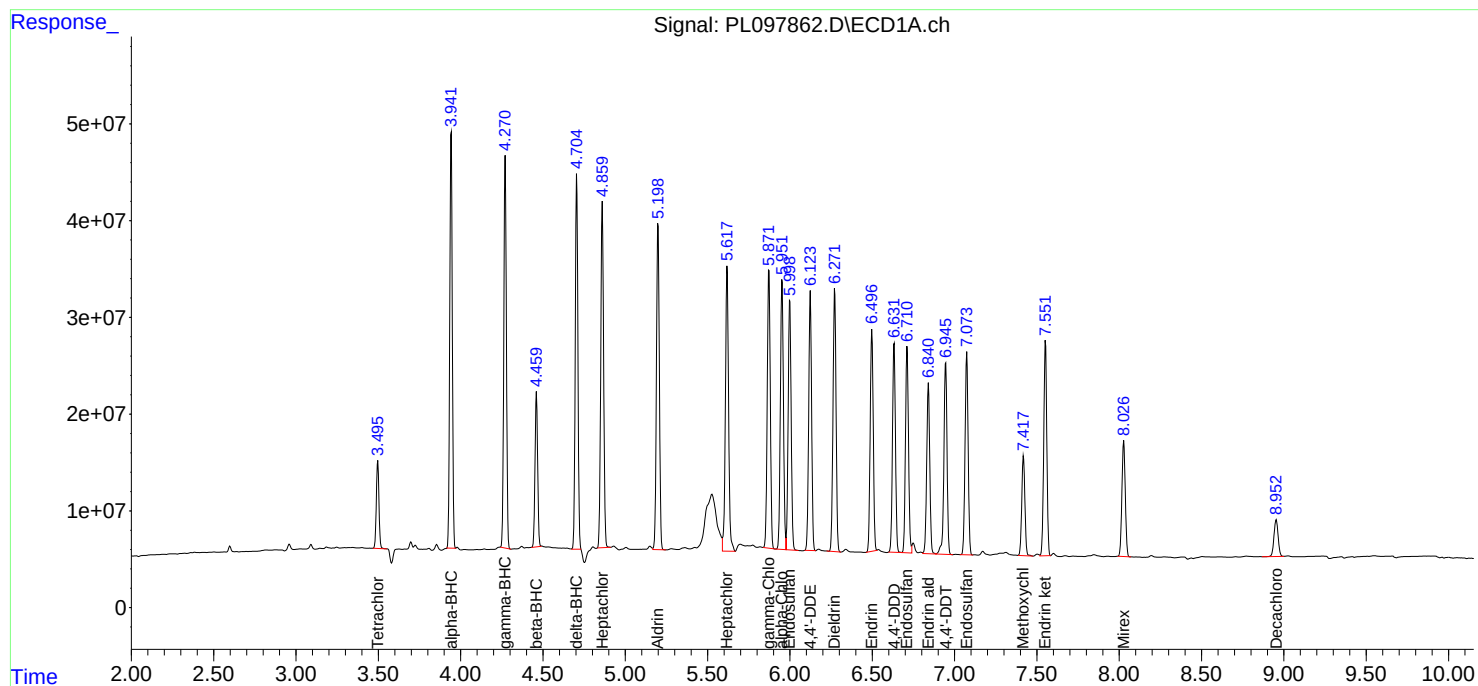
Instrument :
ECD_L
ClientSampleId :
TP01-MH11MSD

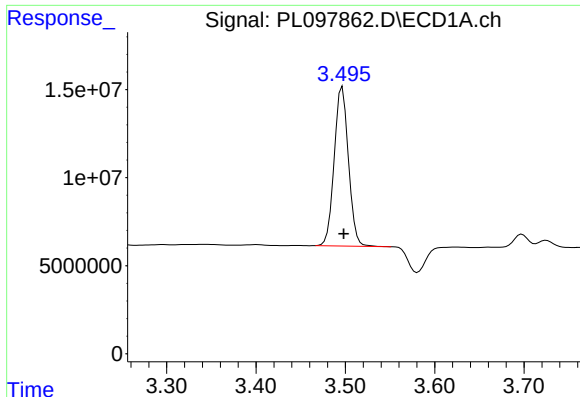
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 12/16/2025
Supervised By : Yogesh Patel 12/16/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 16 01:03:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120925.M
Quant Title : GC Extractables
QLast Update : Tue Dec 09 14:16:16 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





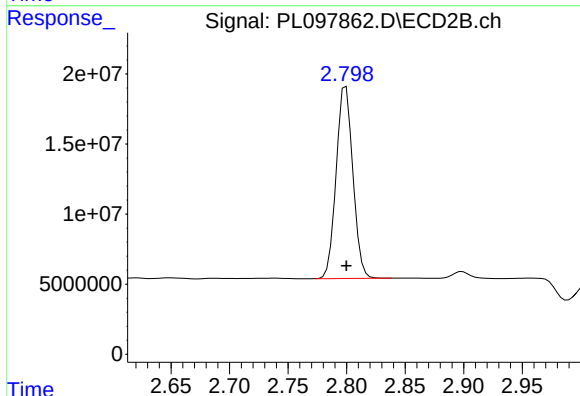
#1 Tetrachloro-m-xylene

R.T.: 3.497 min
Delta R.T.: -0.001 min
Response: 100021720
Conc: 19.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP01-MH11MSD

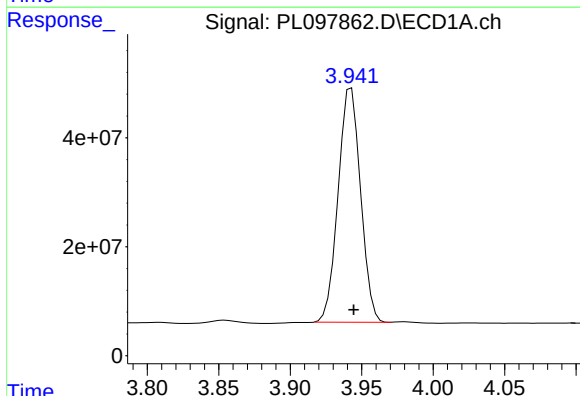
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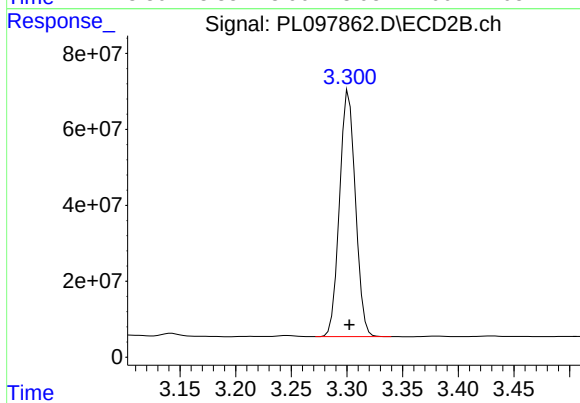
#1 Tetrachloro-m-xylene

R.T.: 2.799 min
Delta R.T.: 0.000 min
Response: 136090057
Conc: 19.48 ng/ml



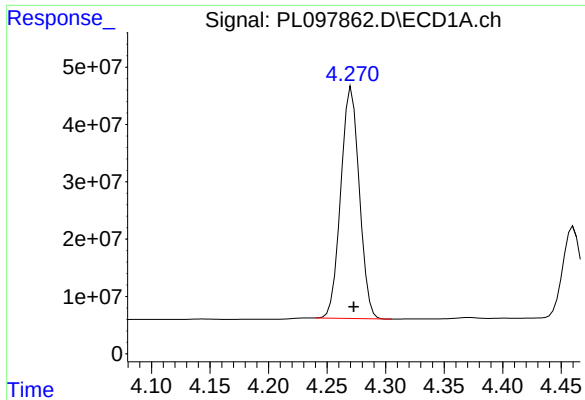
#2 alpha-BHC

R.T.: 3.943 min
Delta R.T.: -0.002 min
Response: 470312628
Conc: 55.61 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 644317217
Conc: 56.16 ng/ml



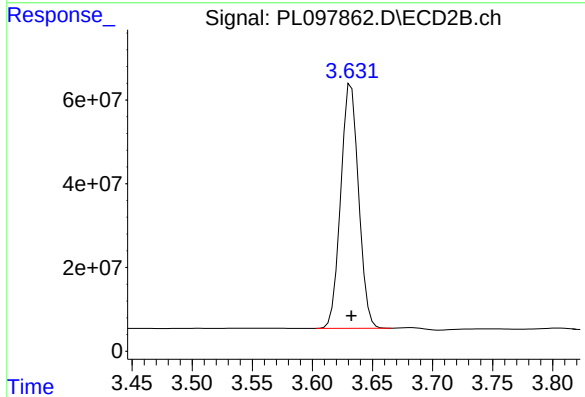
#3 gamma-BHC (Lindane)

R.T.: 4.271 min
Delta R.T.: -0.002 min
Response: 443708529
Conc: 55.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP01-MH11MSD

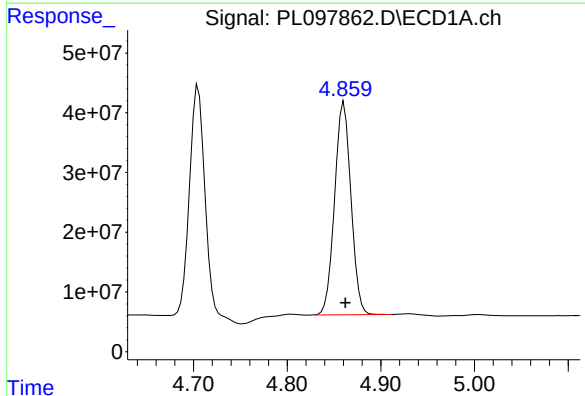
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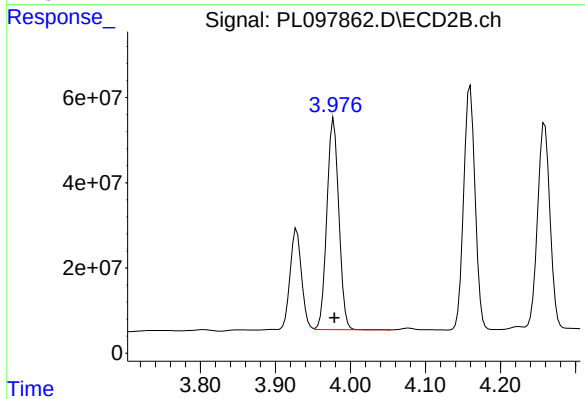
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 605593651
Conc: 56.30 ng/ml



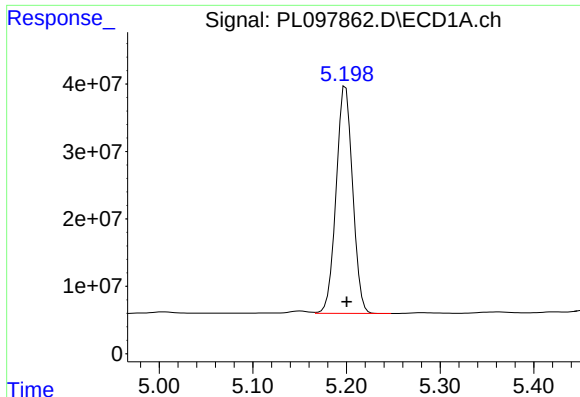
#4 Heptachlor

R.T.: 4.861 min
Delta R.T.: -0.002 min
Response: 431899241
Conc: 54.24 ng/ml



#4 Heptachlor

R.T.: 3.978 min
Delta R.T.: 0.000 min
Response: 549619112
Conc: 52.87 ng/ml



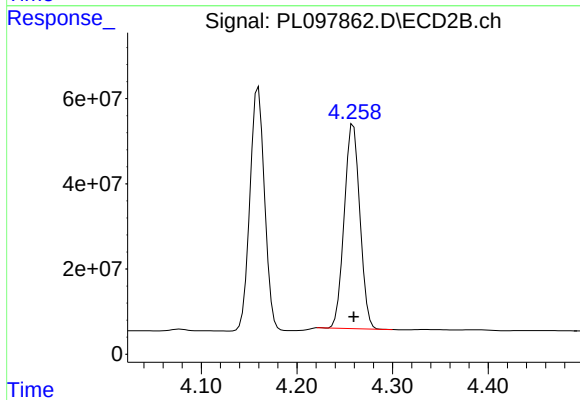
#5 Aldrin

R.T.: 5.199 min
Delta R.T.: -0.001 min
Response: 412606046
Conc: 56.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP01-MH11MSD

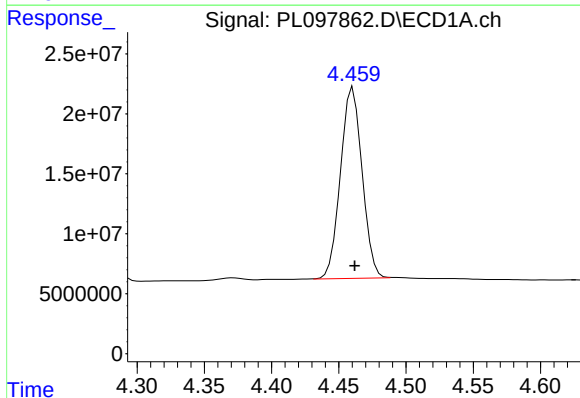
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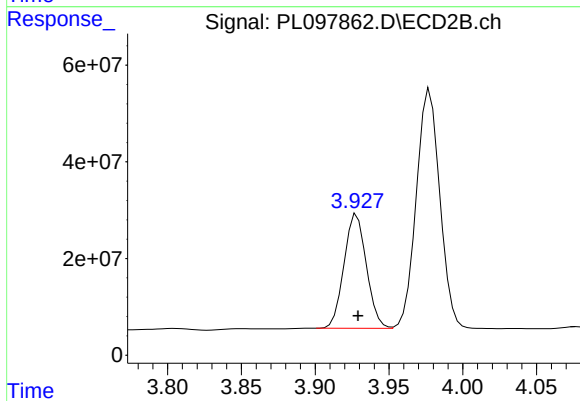
#5 Aldrin

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 548424226
Conc: 55.45 ng/ml



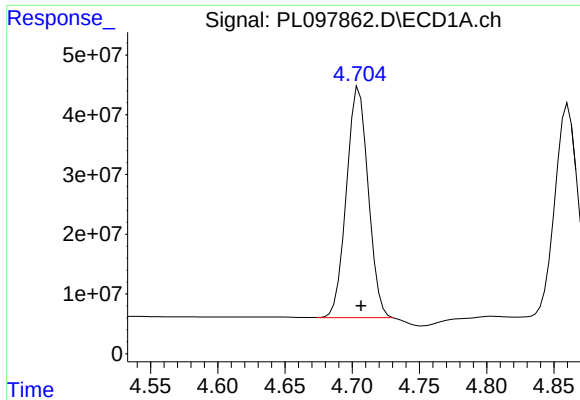
#6 beta-BHC

R.T.: 4.459 min
Delta R.T.: -0.003 min
Response: 177870634
Conc: 53.13 ng/ml m



#6 beta-BHC

R.T.: 3.928 min
Delta R.T.: 0.000 min
Response: 249510067
Conc: 53.82 ng/ml



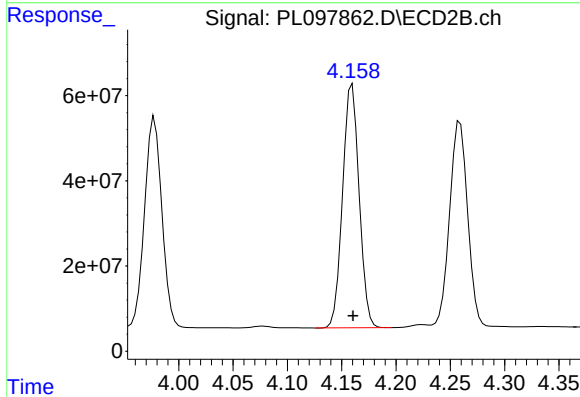
#7 delta-BHC

R.T.: 4.704 min
Delta R.T.: -0.003 min
Response: 434884558
Conc: 56.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP01-MH11MSD

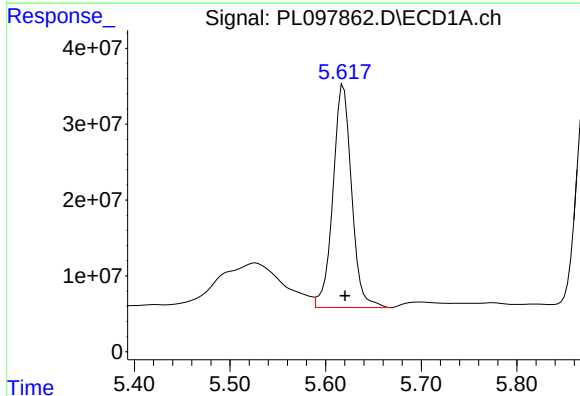
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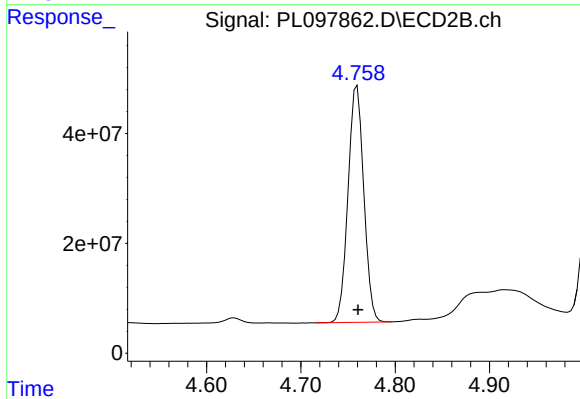
#7 delta-BHC

R.T.: 4.160 min
Delta R.T.: 0.000 min
Response: 606538413
Conc: 56.75 ng/ml



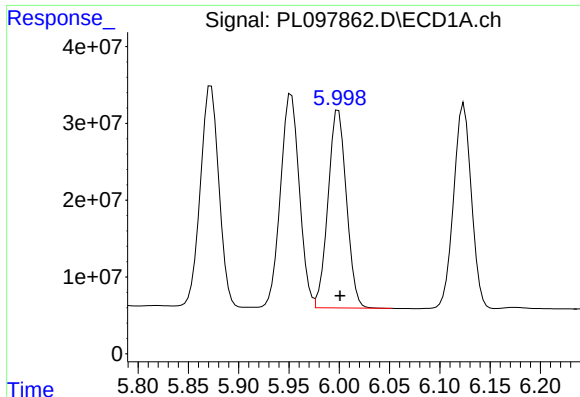
#8 Heptachlor epoxide

R.T.: 5.619 min
Delta R.T.: -0.002 min
Response: 397681843
Conc: 59.77 ng/ml



#8 Heptachlor epoxide

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 500743505
Conc: 55.61 ng/ml



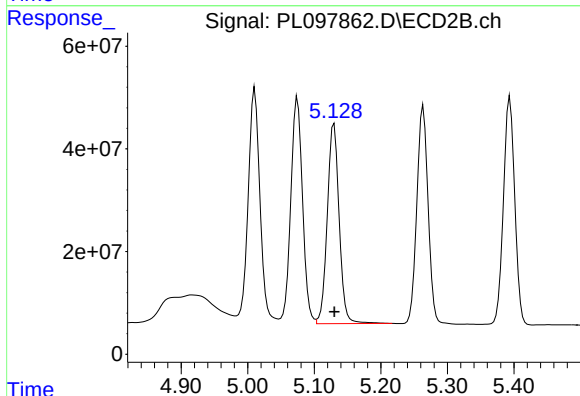
#9 Endosulfan I

R.T.: 5.999 min
Delta R.T.: -0.001 min
Response: 327953266
Conc: 55.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP01-MH11MSD

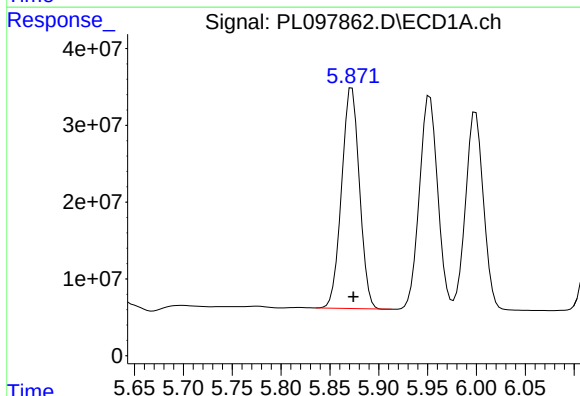
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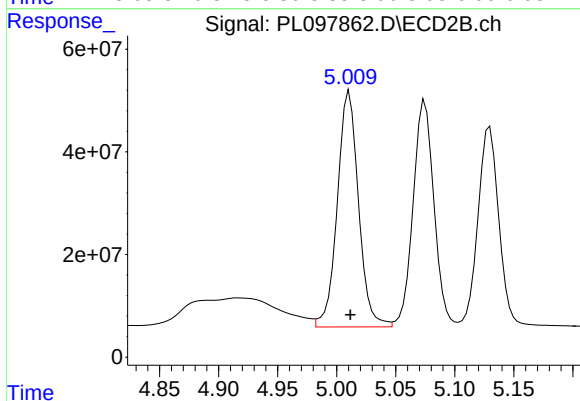
#9 Endosulfan I

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 484226445
Conc: 47.53 ng/ml



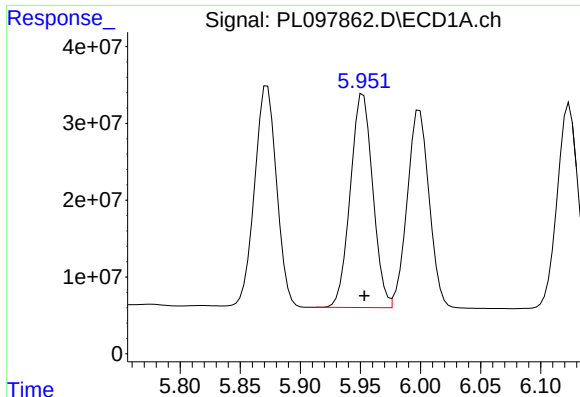
#10 gamma-Chlordane

R.T.: 5.873 min
Delta R.T.: -0.002 min
Response: 366470708
Conc: 56.45 ng/ml



#10 gamma-Chlordane

R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 574986335
Conc: 56.45 ng/ml



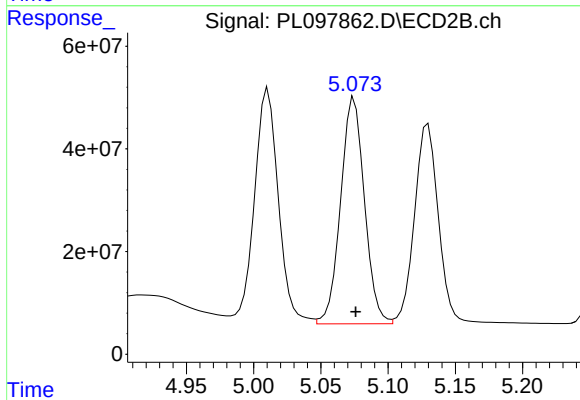
#11 alpha-Chlordane

R.T.: 5.952 min
Delta R.T.: -0.001 min
Response: 362524821
Conc: 55.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP01-MH11MSD

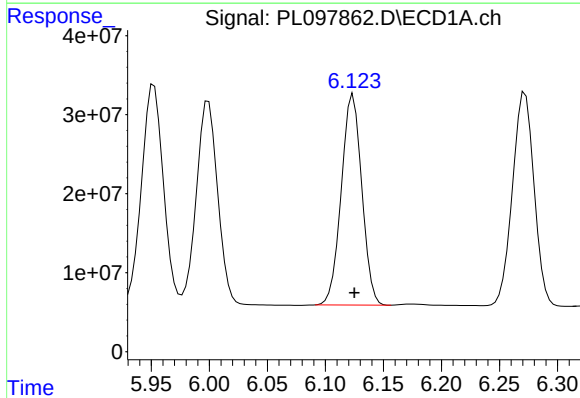
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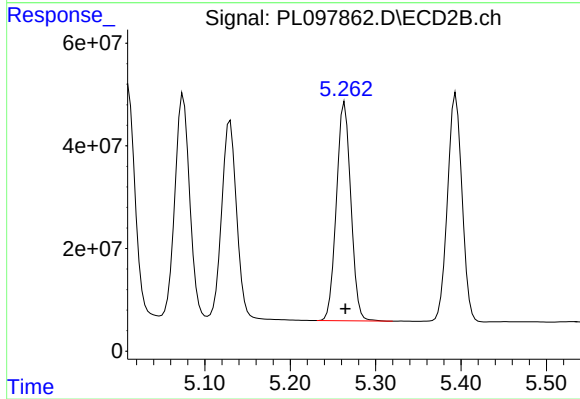
#11 alpha-Chlordane

R.T.: 5.075 min
Delta R.T.: -0.001 min
Response: 543252962
Conc: 52.98 ng/ml



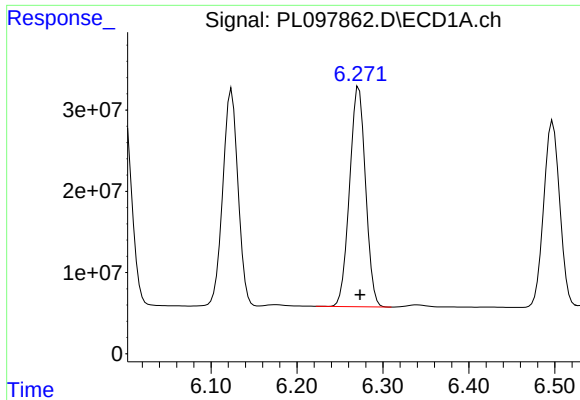
#12 4,4'-DDE

R.T.: 6.124 min
Delta R.T.: -0.001 min
Response: 327867554
Conc: 55.82 ng/ml



#12 4,4'-DDE

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 501219729
Conc: 56.89 ng/ml



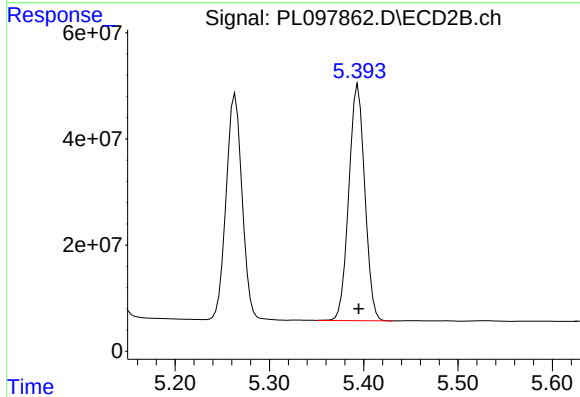
#13 Dieldrin

R.T.: 6.272 min
Delta R.T.: -0.001 min
Response: 350814346
Conc: 57.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP01-MH11MSD

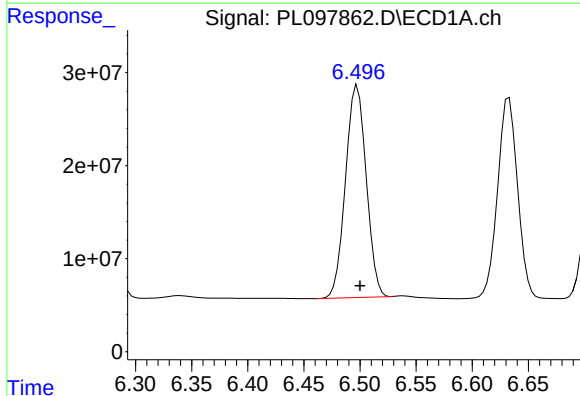
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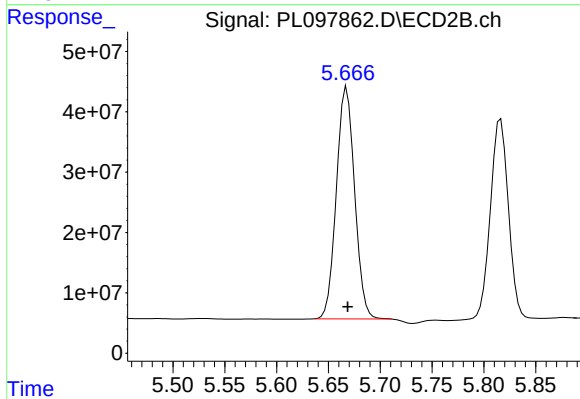
#13 Dieldrin

R.T.: 5.394 min
Delta R.T.: 0.000 min
Response: 524795615
Conc: 56.01 ng/ml



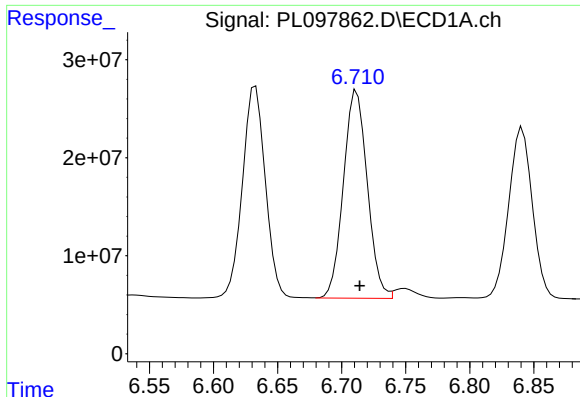
#14 Endrin

R.T.: 6.498 min
Delta R.T.: -0.002 min
Response: 293216028
Conc: 56.61 ng/ml



#14 Endrin

R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 471632230
Conc: 56.44 ng/ml



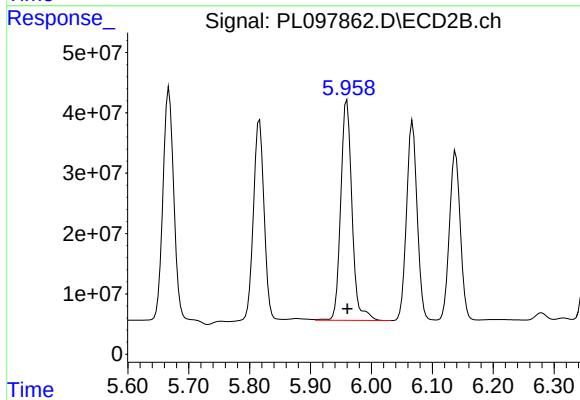
#15 Endosulfan II

R.T.: 6.712 min
Delta R.T.: -0.002 min
Response: 275150768
Conc: 53.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP01-MH11MSD

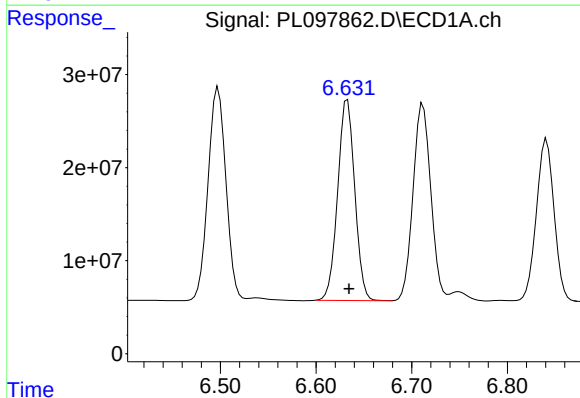
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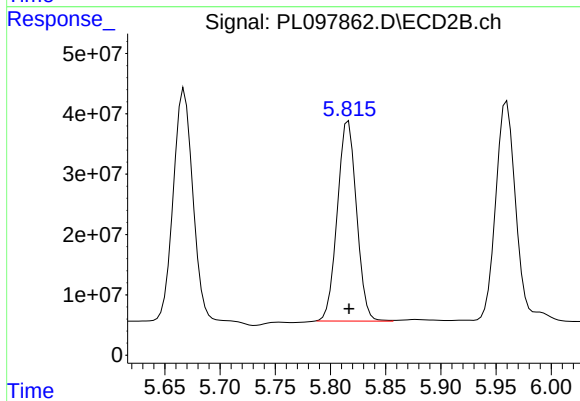
#15 Endosulfan II

R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 470033343
Conc: 56.79 ng/ml



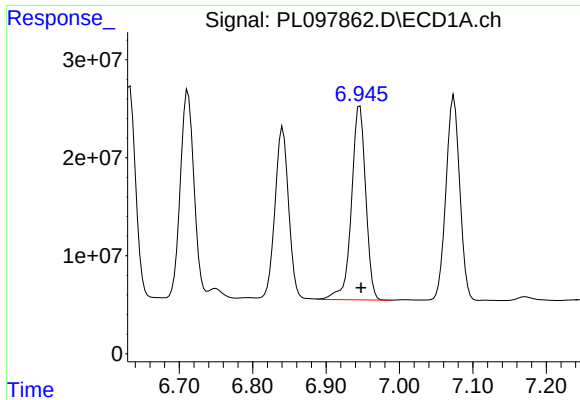
#16 4,4'-DDD

R.T.: 6.633 min
Delta R.T.: -0.002 min
Response: 268337984
Conc: 57.93 ng/ml



#16 4,4'-DDD

R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 401983861
Conc: 53.59 ng/ml



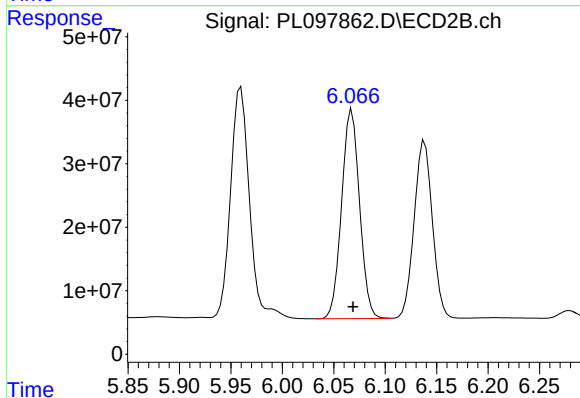
#17 4,4'-DDT

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 266884255
Conc: 55.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP01-MH11MSD

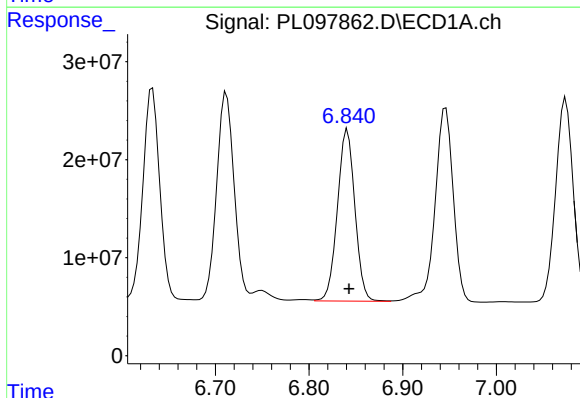
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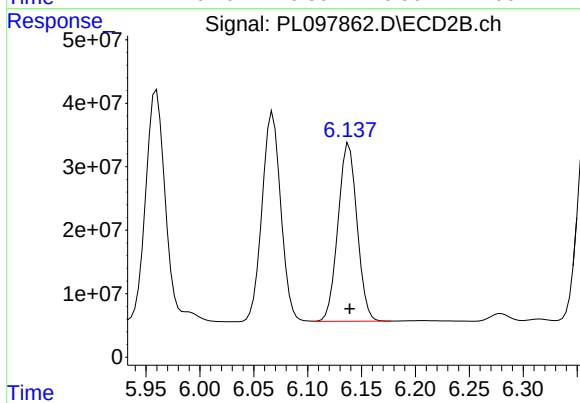
#17 4,4'-DDT

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 400647815
Conc: 52.23 ng/ml



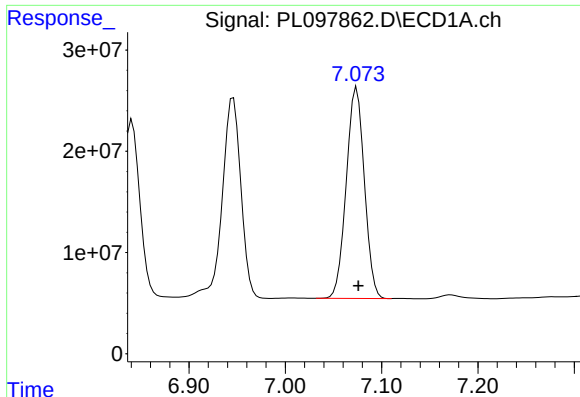
#18 Endrin aldehyde

R.T.: 6.841 min
Delta R.T.: -0.002 min
Response: 227455883
Conc: 57.73 ng/ml



#18 Endrin aldehyde

R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 345131843
Conc: 54.05 ng/ml



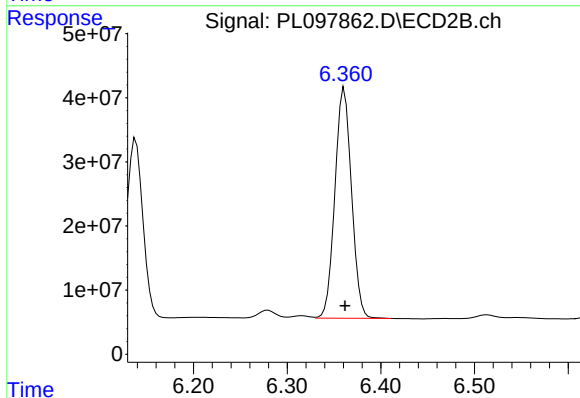
#19 Endosulfan Sulfate

R.T.: 7.074 min
Delta R.T.: -0.002 min
Response: 271516876
Conc: 54.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP01-MH11MSD

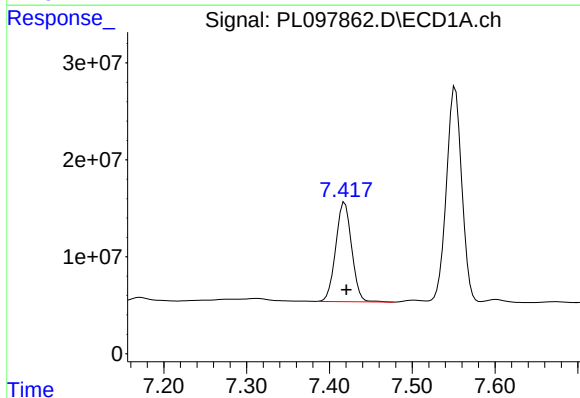
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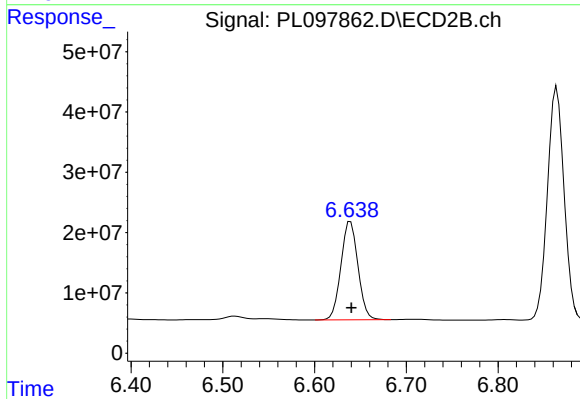
#19 Endosulfan Sulfate

R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 443301670
Conc: 54.45 ng/ml



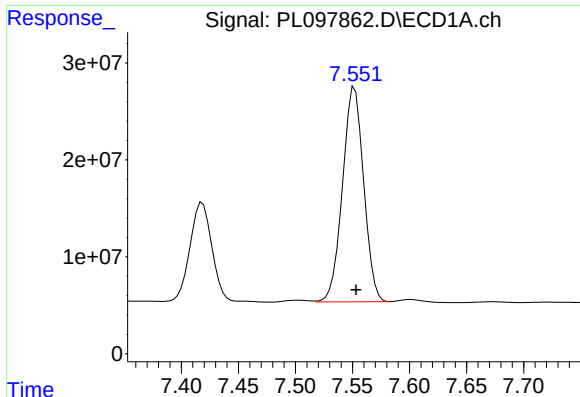
#20 Methoxychlor

R.T.: 7.419 min
Delta R.T.: -0.002 min
Response: 137123668
Conc: 54.48 ng/ml



#20 Methoxychlor

R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 209791789
Conc: 50.20 ng/ml



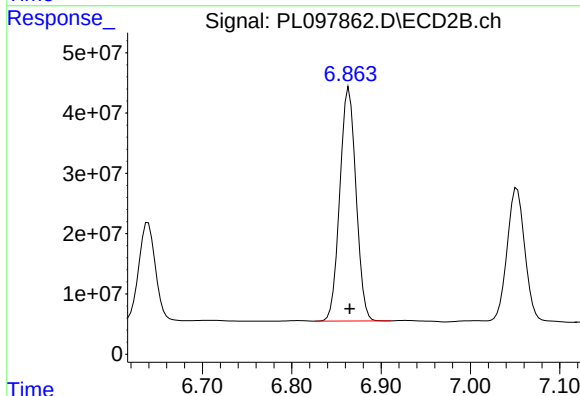
#21 Endrin ketone

R.T.: 7.552 min
Delta R.T.: -0.001 min
Response: 285638022
Conc: 54.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP01-MH11MSD

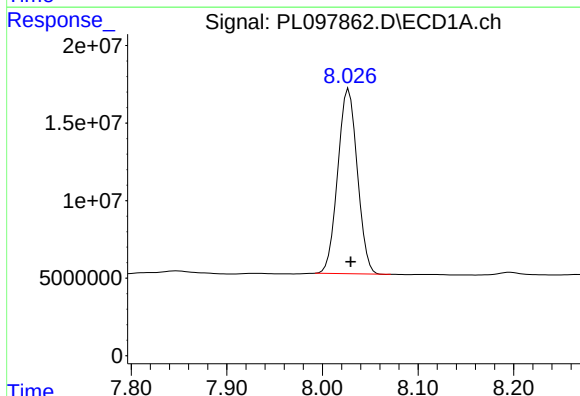
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/16/2025
Supervised By :Yogesh Patel 12/16/2025



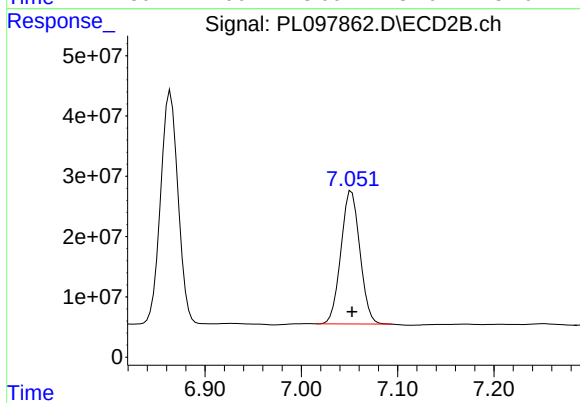
#21 Endrin ketone

R.T.: 6.864 min
Delta R.T.: 0.000 min
Response: 487058407
Conc: 54.60 ng/ml



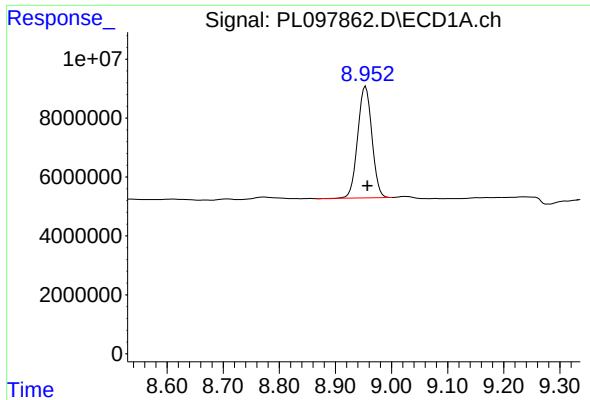
#22 Mirex

R.T.: 8.028 min
Delta R.T.: -0.002 min
Response: 169703179
Conc: 49.20 ng/ml



#22 Mirex

R.T.: 7.052 min
Delta R.T.: 0.000 min
Response: 301031293
Conc: 46.63 ng/ml



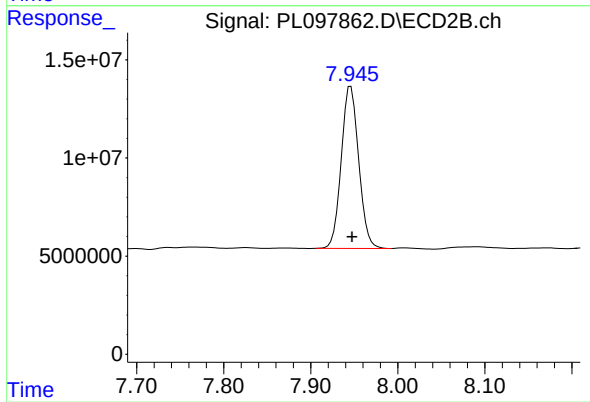
#28 Decachlorobiphenyl

R.T.: 8.954 min
Delta R.T.: -0.003 min
Response: 66624371
Conc: 17.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP01-MH11MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/16/2025
Supervised By :Yogesh Patel 12/16/2025



#28 Decachlorobiphenyl

R.T.: 7.946 min
Delta R.T.: -0.002 min
Response: 114808167
Conc: 17.46 ng/ml