

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103025\
 Data File : PL097690.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Oct 2025 13:58
 Operator : AR\AJ
 Sample : Q3486-05MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP5MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 10/31/2025
 Supervised By :Yogesh Patel 10/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 30 23:19:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 28 17:14:31 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...	3.523	2.823	67229844	102.6E6	16.430m	17.052
28)	SA Decachlor...	8.999	7.982	49134678	66539014	16.515	12.449
Target Compounds							
2)	A alpha-BHC	3.972	3.327	375.0E6	544.2E6	55.200	55.940
3)	MA gamma-BHC...	4.300	3.659	355.2E6	501.5E6	55.596	55.359
4)	MA Heptachlor	4.890	4.007	365.0E6	489.2E6	57.079	53.959
5)	MB Aldrin	5.229	4.288	333.5E6	471.0E6	54.622	54.783
6)	B beta-BHC	4.487	3.956	150.3E6	204.7E6	57.676	51.815
7)	B delta-BHC	4.732	4.188	339.4E6	491.7E6	57.096	54.789
8)	B Heptachlo...	5.649	4.790	302.3E6	418.3E6	51.832	53.277
9)	A Endosulfan I	6.031	5.161	269.0E6	384.9E6	53.335	51.124
10)	B gamma-Chl...	5.903	5.042	297.5E6	443.8E6	54.276	51.276
11)	B alpha-Chl...	5.983	5.106	292.1E6	431.7E6	53.208	51.987
12)	B 4,4'-DDE	6.153	5.295	257.8E6	402.3E6	56.161	52.487
13)	MA Dieldrin	6.302	5.426	289.3E6	416.9E6	53.966	51.858
14)	MA Endrin	6.529	5.700	236.1E6	367.6E6	52.704	52.537
15)	B Endosulfa...	6.743	5.992	237.6E6	347.8E6	52.188	49.527
16)	A 4,4'-DDD	6.662	5.847	203.3E6	309.3E6	56.871m	48.248
17)	MA 4,4'-DDT	6.977	6.100	217.2E6	335.3E6	53.864	48.747
18)	B Endrin al...	6.872	6.170	174.7E6	261.7E6	53.091	45.474
19)	B Endosulfa...	7.106	6.393	208.0E6	321.8E6	53.206	47.694
20)	A Methoxychlor	7.450	6.672	112.7E6	173.1E6	55.215	46.593
21)	B Endrin ke...	7.583	6.898	227.2E6	348.3E6	54.592m	46.794
22)	Mirex	8.064	7.087	147.7E6	240.1E6	47.902	43.563

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103025\
Data File : PL097690.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Oct 2025 13:58
Operator : AR\AJ
Sample : Q3486-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

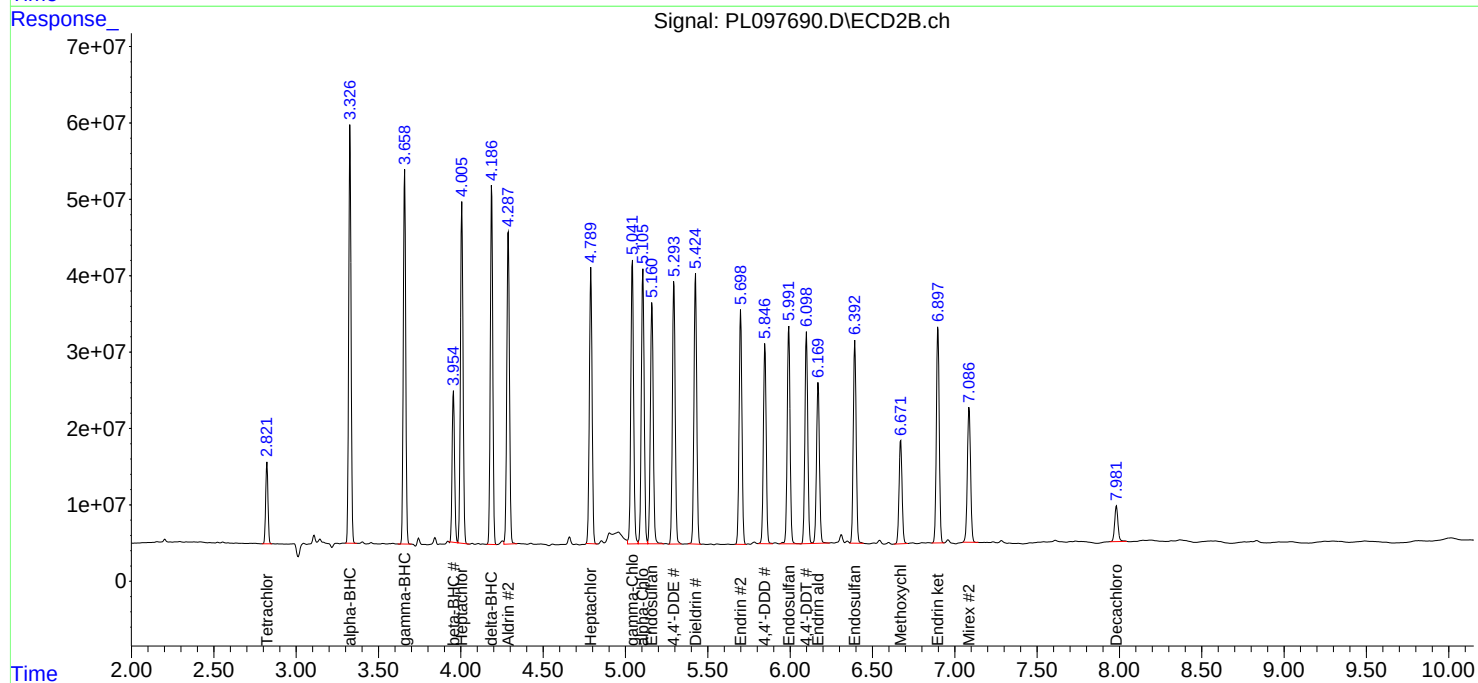
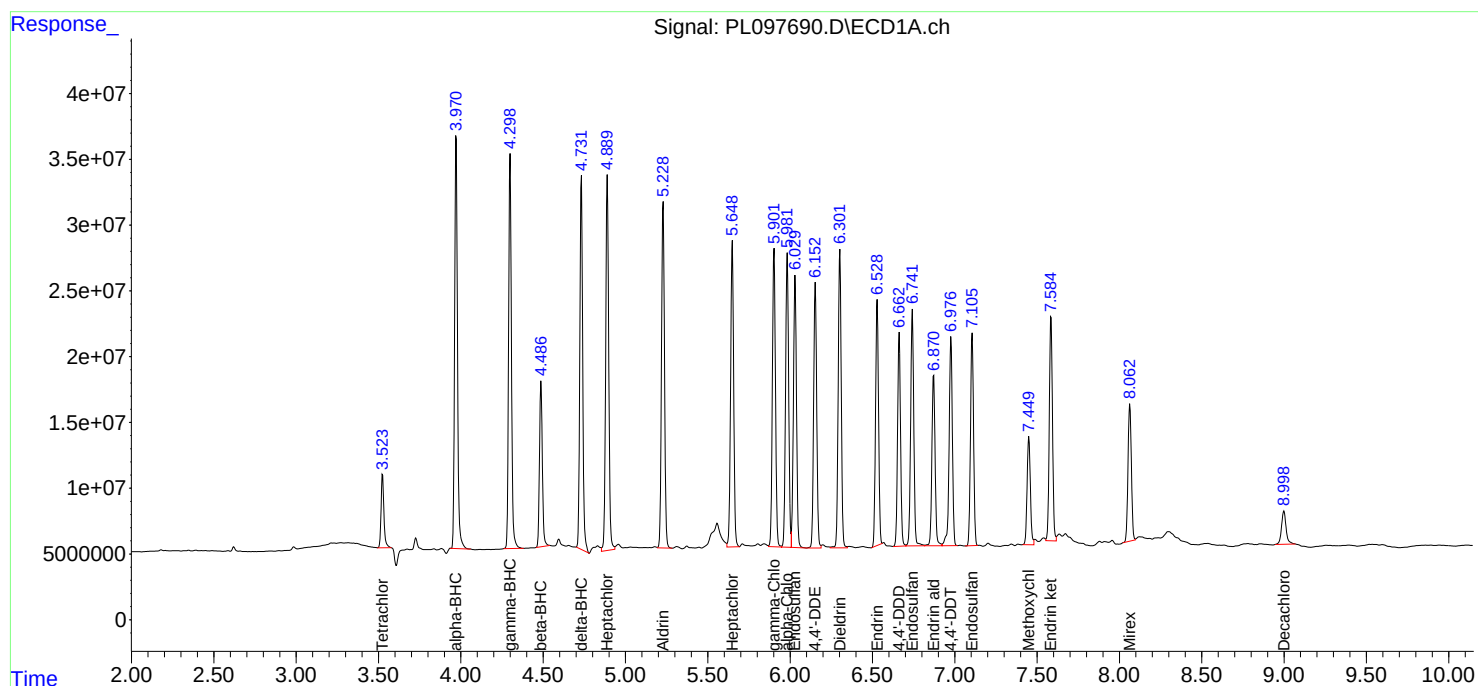
Instrument :
ECD_L
ClientSampleId :
TP5MSD

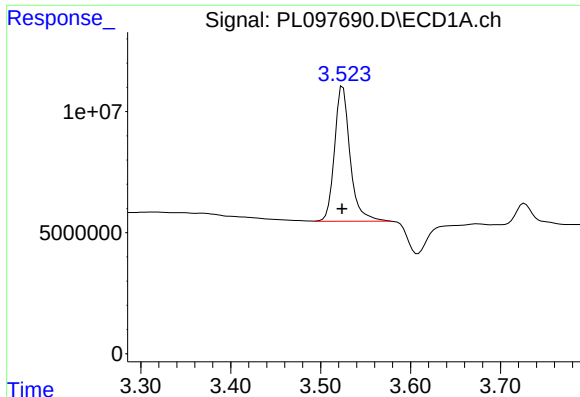
Manual Integrations
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Supervised By :Yogesh Patel 10/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 30 23:19:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102825.M
Quant Title : GC Extractables
QLast Update : Tue Oct 28 17:14:31 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





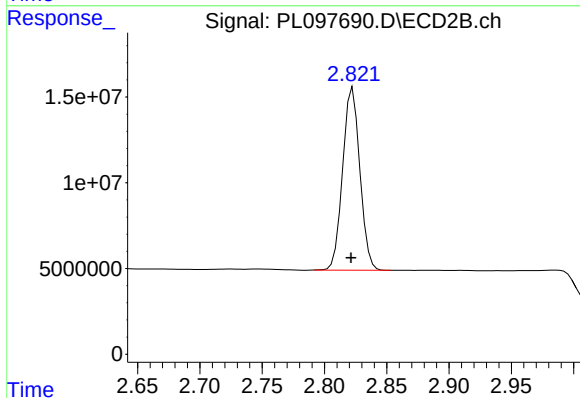
#1 Tetrachloro-m-xylene

R.T.: 3.523 min
Delta R.T.: 0.000 min
Response: 67229844
Conc: 16.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP5MSD

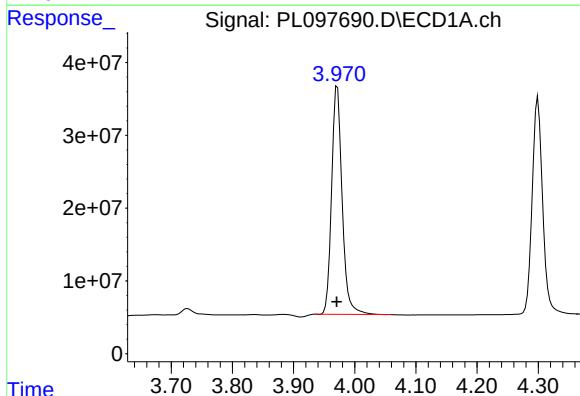
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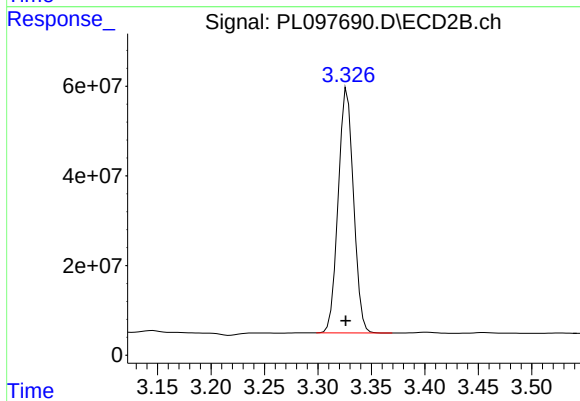
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: 0.001 min
Response: 102636166
Conc: 17.05 ng/ml



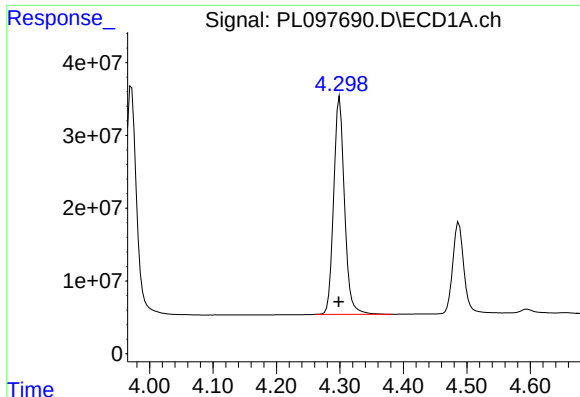
#2 alpha-BHC

R.T.: 3.972 min
Delta R.T.: 0.001 min
Response: 375037708
Conc: 55.20 ng/ml



#2 alpha-BHC

R.T.: 3.327 min
Delta R.T.: 0.001 min
Response: 544236798
Conc: 55.94 ng/ml



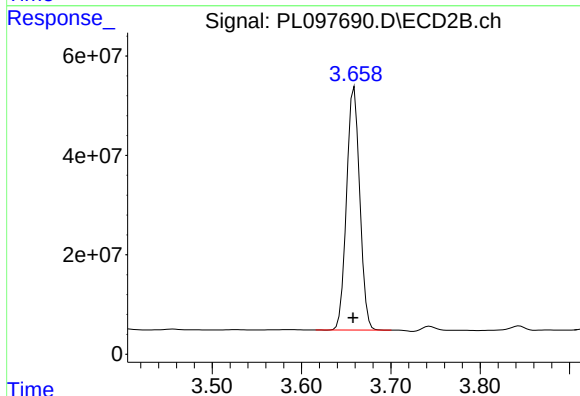
#3 gamma-BHC (Lindane)

R.T.: 4.300 min
Delta R.T.: 0.002 min
Response: 355187480
Conc: 55.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP5MSD

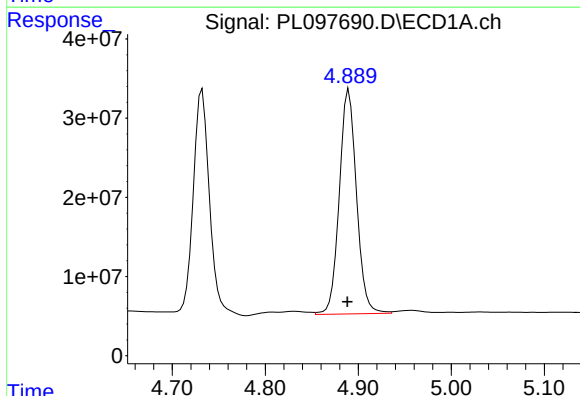
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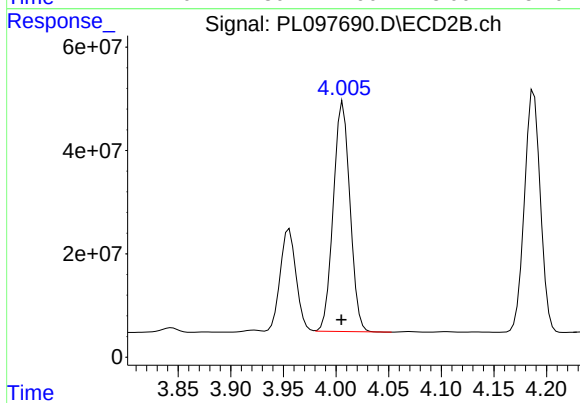
#3 gamma-BHC (Lindane)

R.T.: 3.659 min
Delta R.T.: 0.001 min
Response: 501497517
Conc: 55.36 ng/ml



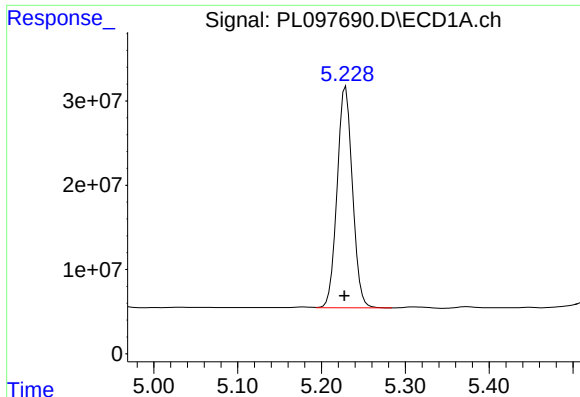
#4 Heptachlor

R.T.: 4.890 min
Delta R.T.: 0.002 min
Response: 365025804
Conc: 57.08 ng/ml



#4 Heptachlor

R.T.: 4.007 min
Delta R.T.: 0.002 min
Response: 489157023
Conc: 53.96 ng/ml



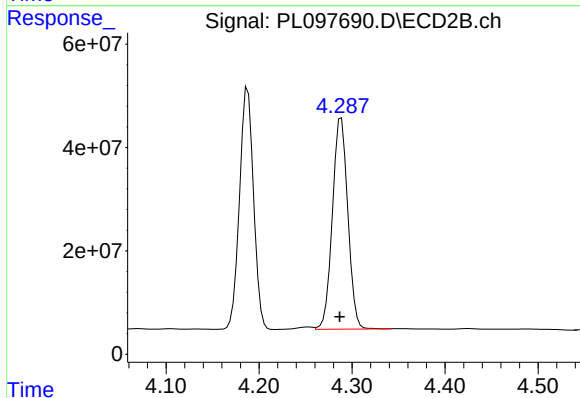
#5 Aldrin

R.T.: 5.229 min
Delta R.T.: 0.002 min
Response: 333469142
Conc: 54.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP5MSD

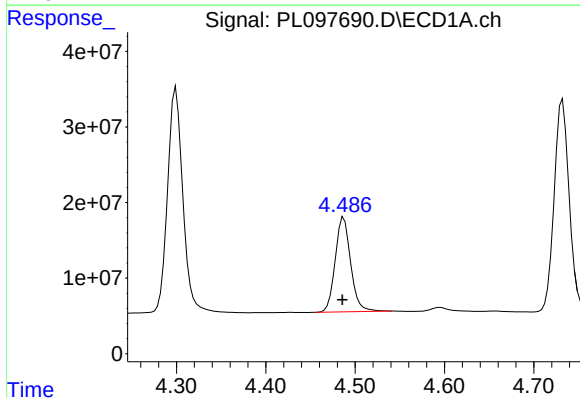
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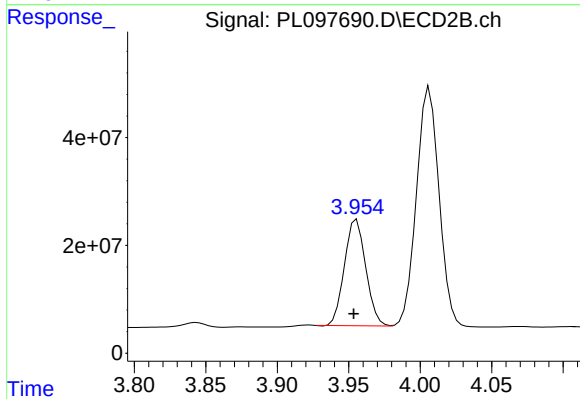
#5 Aldrin

R.T.: 4.288 min
Delta R.T.: 0.002 min
Response: 470969984
Conc: 54.78 ng/ml



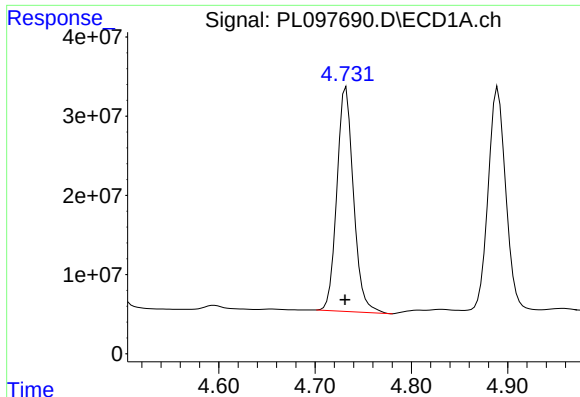
#6 beta-BHC

R.T.: 4.487 min
Delta R.T.: 0.001 min
Response: 150314900
Conc: 57.68 ng/ml



#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: 0.002 min
Response: 204737933
Conc: 51.82 ng/ml



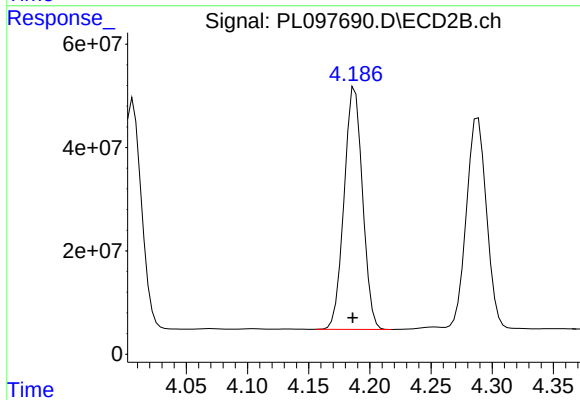
#7 delta-BHC

R.T.: 4.732 min
Delta R.T.: 0.001 min
Response: 339437054
Conc: 57.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP5MSD

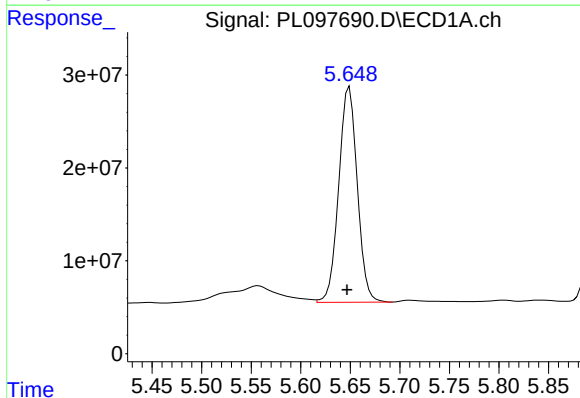
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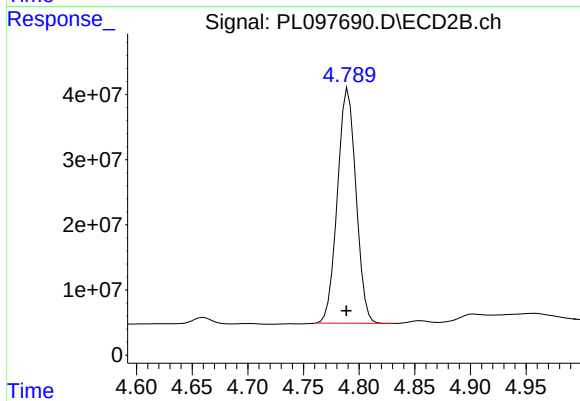
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: 0.002 min
Response: 491729819
Conc: 54.79 ng/ml



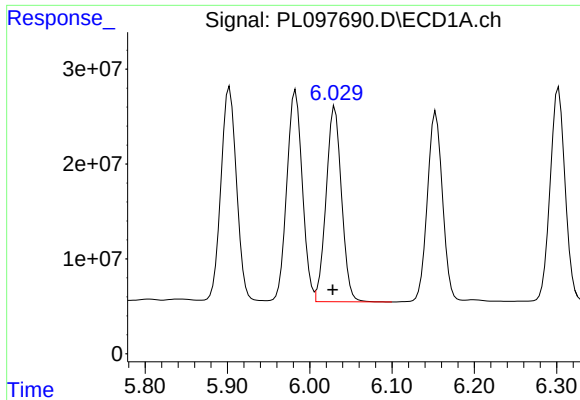
#8 Heptachlor epoxide

R.T.: 5.649 min
Delta R.T.: 0.002 min
Response: 302252142
Conc: 51.83 ng/ml



#8 Heptachlor epoxide

R.T.: 4.790 min
Delta R.T.: 0.002 min
Response: 418317768
Conc: 53.28 ng/ml



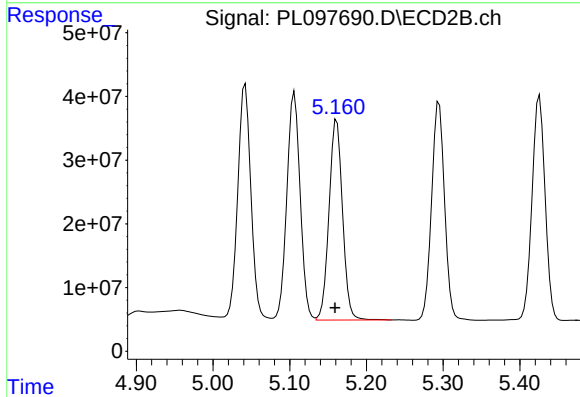
#9 Endosulfan I

R.T.: 6.031 min
Delta R.T.: 0.003 min
Response: 268970672
Conc: 53.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP5MSD

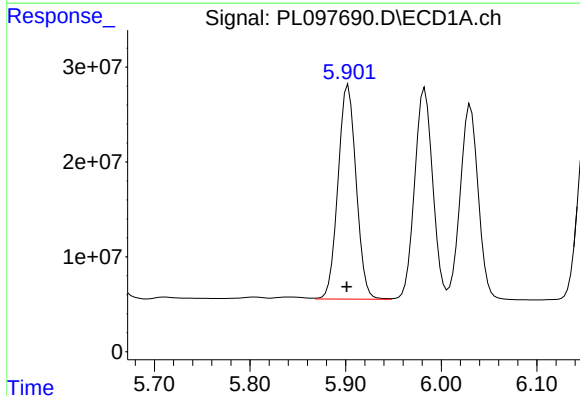
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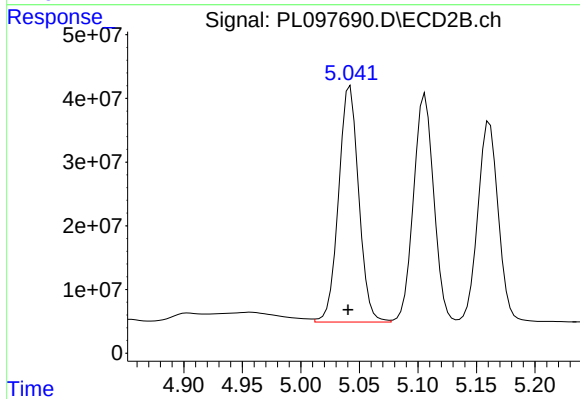
#9 Endosulfan I

R.T.: 5.161 min
Delta R.T.: 0.002 min
Response: 384885184
Conc: 51.12 ng/ml



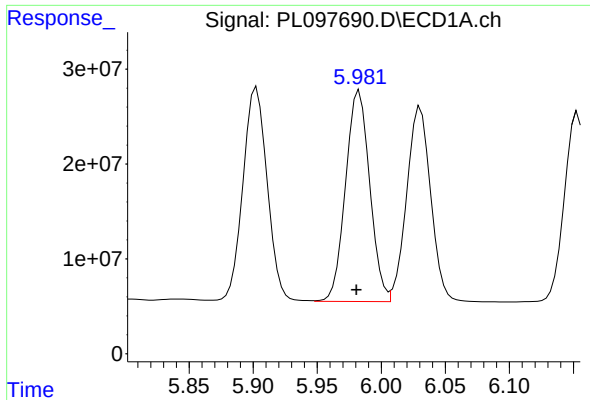
#10 gamma-Chlordane

R.T.: 5.903 min
Delta R.T.: 0.002 min
Response: 297548668
Conc: 54.28 ng/ml



#10 gamma-Chlordane

R.T.: 5.042 min
Delta R.T.: 0.002 min
Response: 443764652
Conc: 51.28 ng/ml



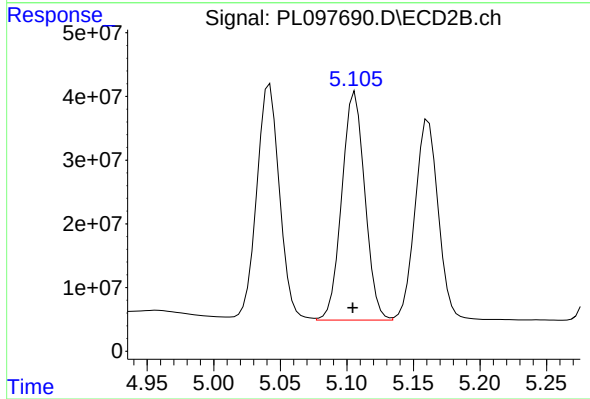
#11 alpha-Chlordane

R.T.: 5.983 min
Delta R.T.: 0.002 min
Response: 292095361
Conc: 53.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP5MSD

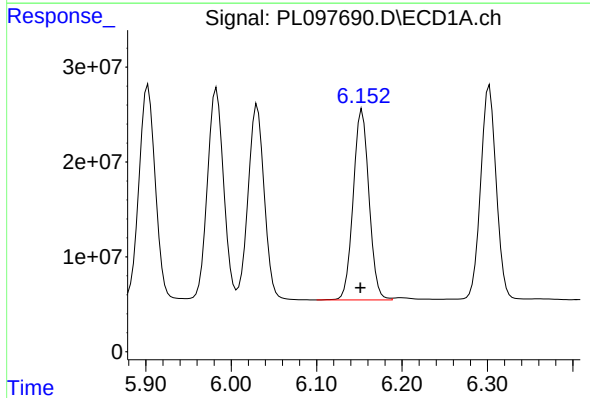
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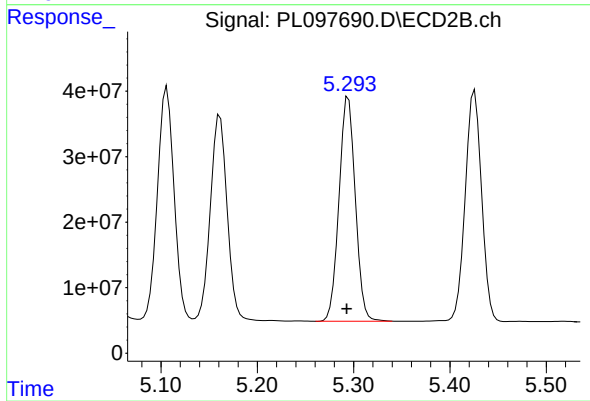
#11 alpha-Chlordane

R.T.: 5.106 min
Delta R.T.: 0.002 min
Response: 431668448
Conc: 51.99 ng/ml



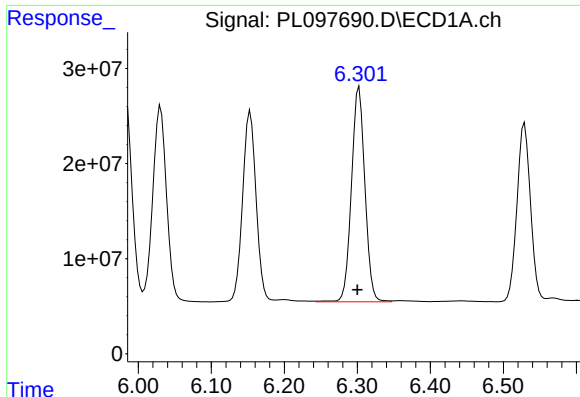
#12 4,4'-DDE

R.T.: 6.153 min
Delta R.T.: 0.002 min
Response: 257751179
Conc: 56.16 ng/ml



#12 4,4'-DDE

R.T.: 5.295 min
Delta R.T.: 0.002 min
Response: 402330951
Conc: 52.49 ng/ml



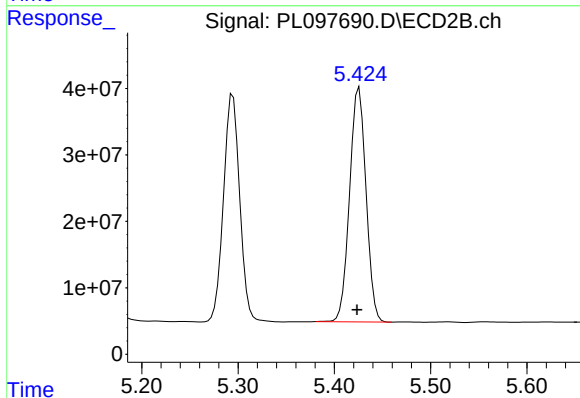
#13 Dieldrin

R.T.: 6.302 min
Delta R.T.: 0.002 min
Response: 289343084
Conc: 53.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP5MSD

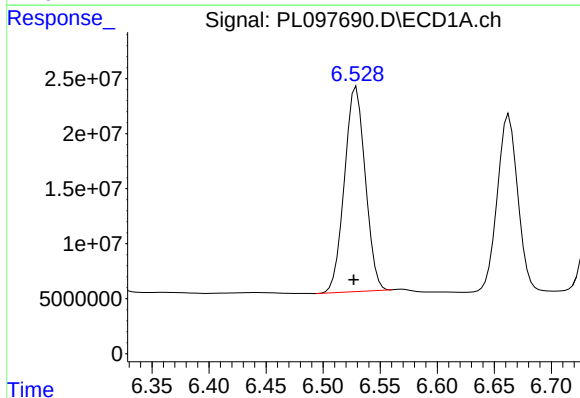
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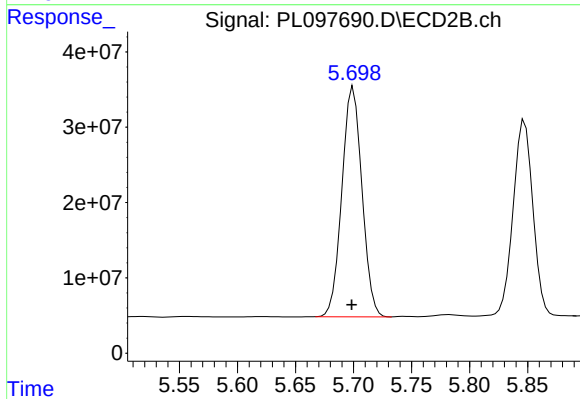
#13 Dieldrin

R.T.: 5.426 min
Delta R.T.: 0.002 min
Response: 416908940
Conc: 51.86 ng/ml



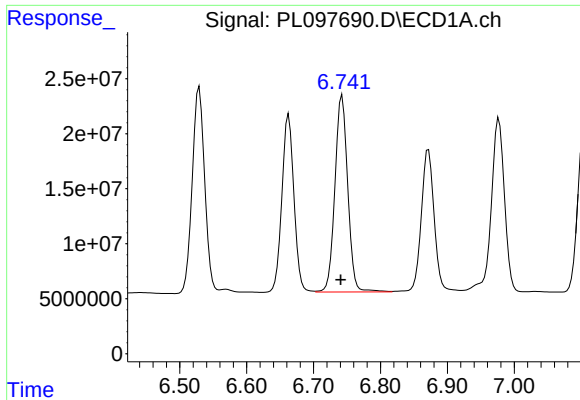
#14 Endrin

R.T.: 6.529 min
Delta R.T.: 0.002 min
Response: 236098716
Conc: 52.70 ng/ml



#14 Endrin

R.T.: 5.700 min
Delta R.T.: 0.001 min
Response: 367579235
Conc: 52.54 ng/ml



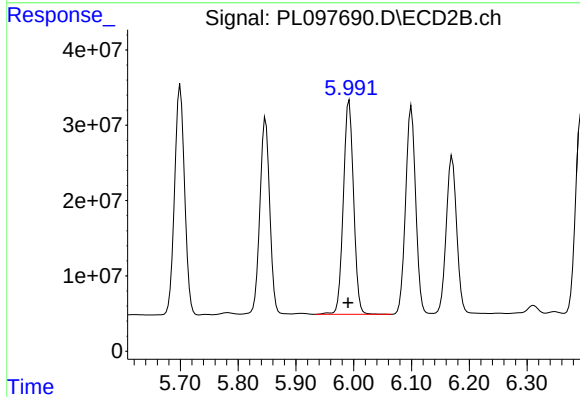
#15 Endosulfan II

R.T.: 6.743 min
Delta R.T.: 0.002 min
Response: 237601991
Conc: 52.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP5MSD

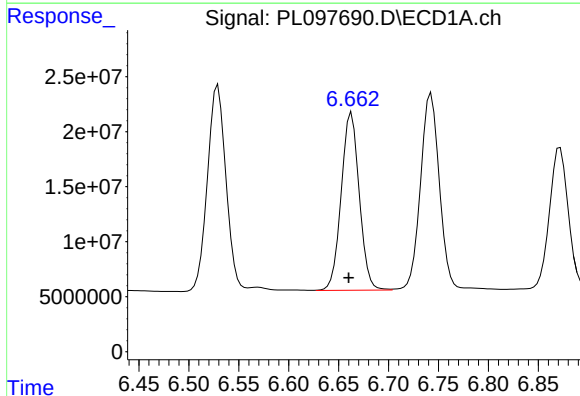
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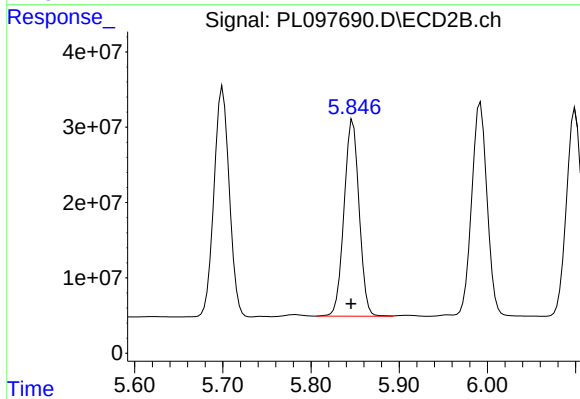
#15 Endosulfan II

R.T.: 5.992 min
Delta R.T.: 0.002 min
Response: 347787570
Conc: 49.53 ng/ml



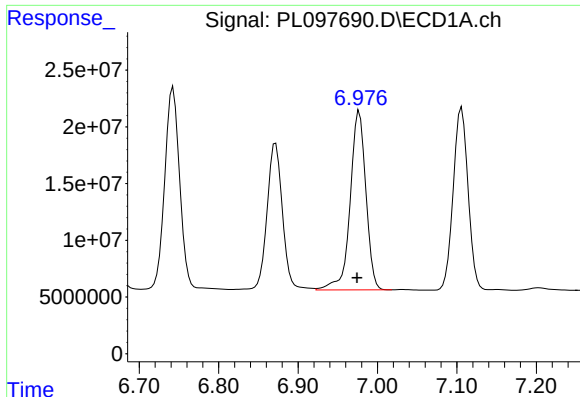
#16 4,4'-DDD

R.T.: 6.662 min
Delta R.T.: 0.001 min
Response: 203293066
Conc: 56.87 ng/ml m



#16 4,4'-DDD

R.T.: 5.847 min
Delta R.T.: 0.002 min
Response: 309305006
Conc: 48.25 ng/ml



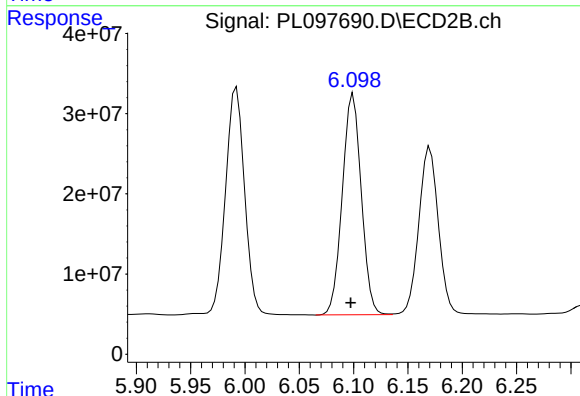
#17 4,4'-DDT

R.T.: 6.977 min
Delta R.T.: 0.003 min
Response: 217175622
Conc: 53.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP5MSD

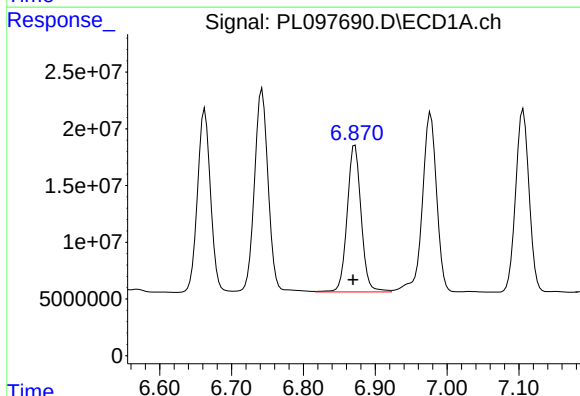
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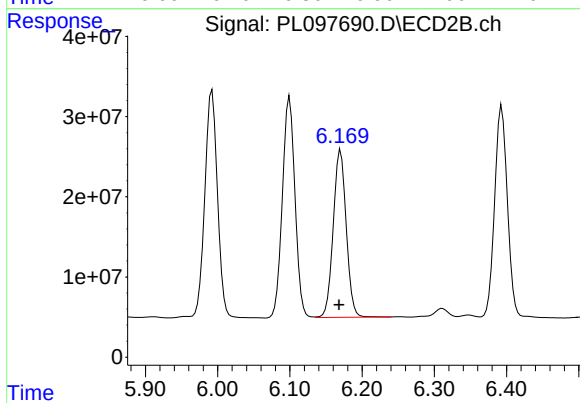
#17 4,4'-DDT

R.T.: 6.100 min
Delta R.T.: 0.002 min
Response: 335296566
Conc: 48.75 ng/ml



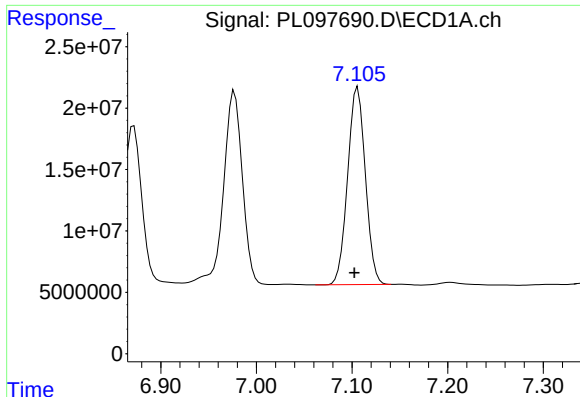
#18 Endrin aldehyde

R.T.: 6.872 min
Delta R.T.: 0.003 min
Response: 174670688
Conc: 53.09 ng/ml



#18 Endrin aldehyde

R.T.: 6.170 min
Delta R.T.: 0.002 min
Response: 261724669
Conc: 45.47 ng/ml



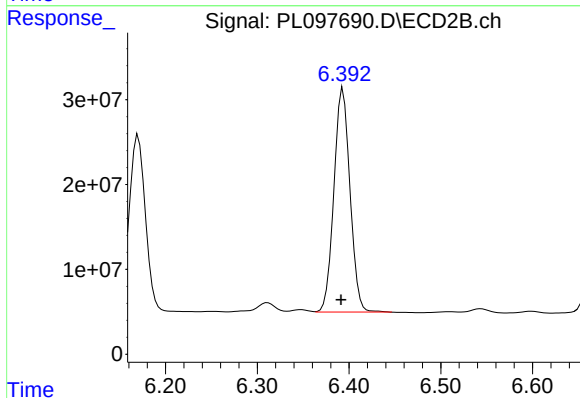
#19 Endosulfan Sulfate

R.T.: 7.106 min
Delta R.T.: 0.003 min
Response: 208007189
Conc: 53.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP5MSD

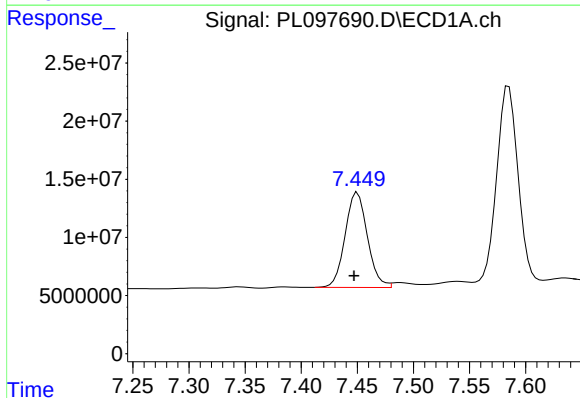
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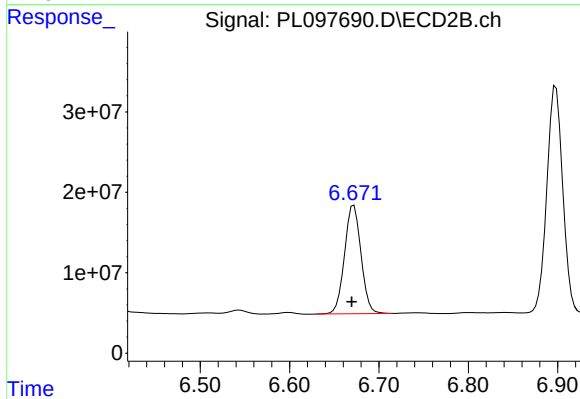
#19 Endosulfan Sulfate

R.T.: 6.393 min
Delta R.T.: 0.002 min
Response: 321763662
Conc: 47.69 ng/ml



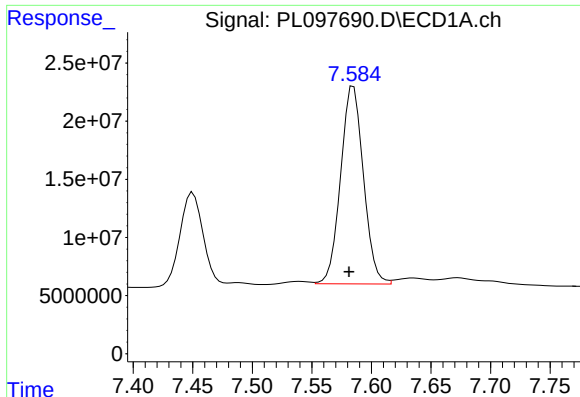
#20 Methoxychlor

R.T.: 7.450 min
Delta R.T.: 0.003 min
Response: 112684636
Conc: 55.22 ng/ml



#20 Methoxychlor

R.T.: 6.672 min
Delta R.T.: 0.002 min
Response: 173105789
Conc: 46.59 ng/ml



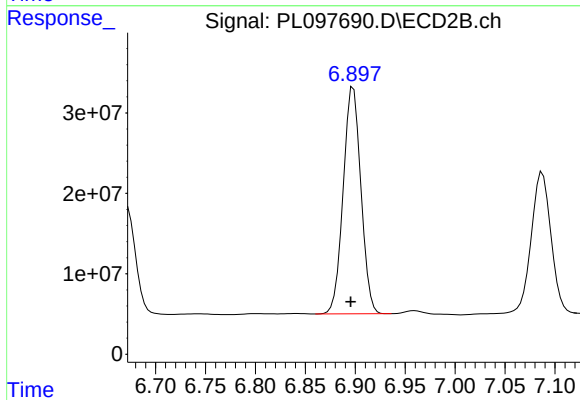
#21 Endrin ketone

R.T.: 7.583 min
Delta R.T.: 0.002 min
Response: 227248388
Conc: 54.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP5MSD

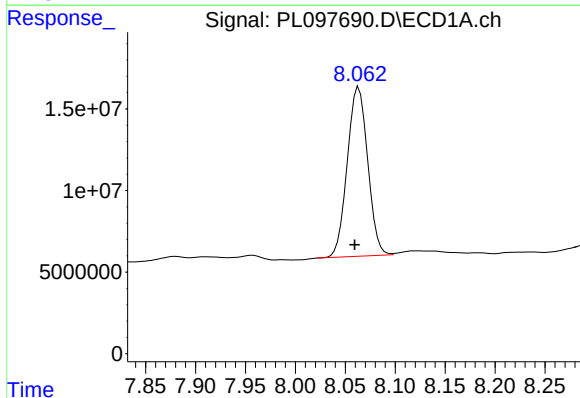
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Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Yogesh Patel 10/31/2025



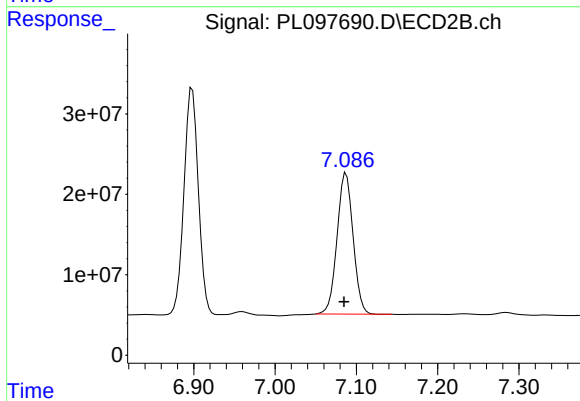
#21 Endrin ketone

R.T.: 6.898 min
Delta R.T.: 0.003 min
Response: 348323095
Conc: 46.79 ng/ml



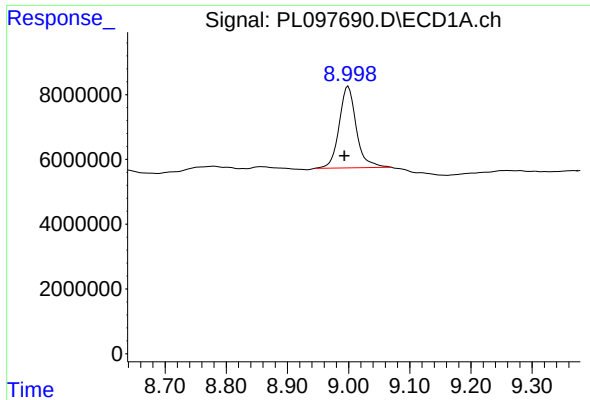
#22 Mirex

R.T.: 8.064 min
Delta R.T.: 0.004 min
Response: 147728773
Conc: 47.90 ng/ml



#22 Mirex

R.T.: 7.087 min
Delta R.T.: 0.002 min
Response: 240055771
Conc: 43.56 ng/ml



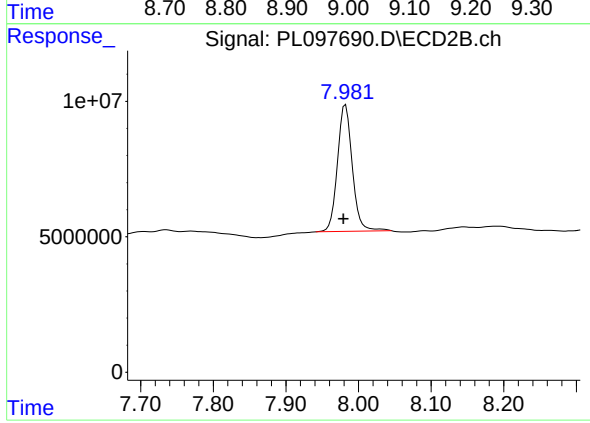
#28 Decachlorobiphenyl

R.T.: 8.999 min
Delta R.T.: 0.006 min
Response: 49134678
Conc: 16.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP5MSD

Manual Integrations
APPROVED

Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Yogesh Patel 10/31/2025



#28 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: 0.003 min
Response: 66539014
Conc: 12.45 ng/ml