

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121625\
 Data File : PL097870.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Dec 2025 10:06
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/17/2025
 Supervised By :Yogesh Patel 12/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 17 00:47:00 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...	3.498	2.800	275.3E6	398.1E6	54.544	56.988
28)	SA Decachlor...	8.953	7.947	188.7E6	322.6E6	49.669m	49.055
Target Compounds							
2)	A alpha-BHC	3.944	3.303	483.6E6	674.4E6	57.184	58.780
3)	MA gamma-BHC...	4.272	3.633	449.3E6	623.6E6	56.043	57.978
4)	MA Heptachlor	4.861	3.978	439.4E6	561.9E6	55.190	54.057
5)	MB Aldrin	5.200	4.259	412.3E6	571.5E6	56.912	57.787
6)	B beta-BHC	4.461	3.929	183.6E6	261.3E6	54.836	56.349
7)	B delta-BHC	4.705	4.160	439.3E6	625.6E6	56.716m	58.533
8)	B Heptachlo...	5.620	4.760	376.1E6	513.3E6	56.527	57.006
9)	A Endosulfan I	6.000	5.130	326.5E6	500.3E6	55.458	49.109
10)	B gamma-Chl...	5.873	5.012	364.7E6	588.7E6	56.175	57.796
11)	B alpha-Chl...	5.953	5.076	357.9E6	556.7E6	55.125	54.283
12)	B 4,4'-DDE	6.124	5.263	326.9E6	513.0E6	55.653	58.223m
13)	MA Dieldrin	6.273	5.394	349.5E6	544.8E6	56.955	58.143
14)	MA Endrin	6.497	5.668	283.2E6	454.0E6	54.678m	54.332
15)	B Endosulfa...	6.712	5.960	299.7E6	461.8E6	58.649	55.793
16)	A 4,4'-DDD	6.633	5.816	260.8E6	437.3E6	56.313	58.296
17)	MA 4,4'-DDT	6.947	6.068	249.9E6	378.0E6	52.176	49.279
18)	B Endrin al...	6.841	6.139	222.7E6	345.6E6	56.517	54.121
19)	B Endosulfa...	7.075	6.362	269.2E6	452.0E6	54.305	55.517
20)	A Methoxychlor	7.419	6.639	125.1E6	196.9E6	49.693	47.112
21)	B Endrin ke...	7.552	6.864	287.1E6	501.3E6	55.256	56.189
22)	Mirex	8.028	7.052	186.4E6	336.9E6	54.053	52.184

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121625\
Data File : PL097870.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Dec 2025 10:06
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

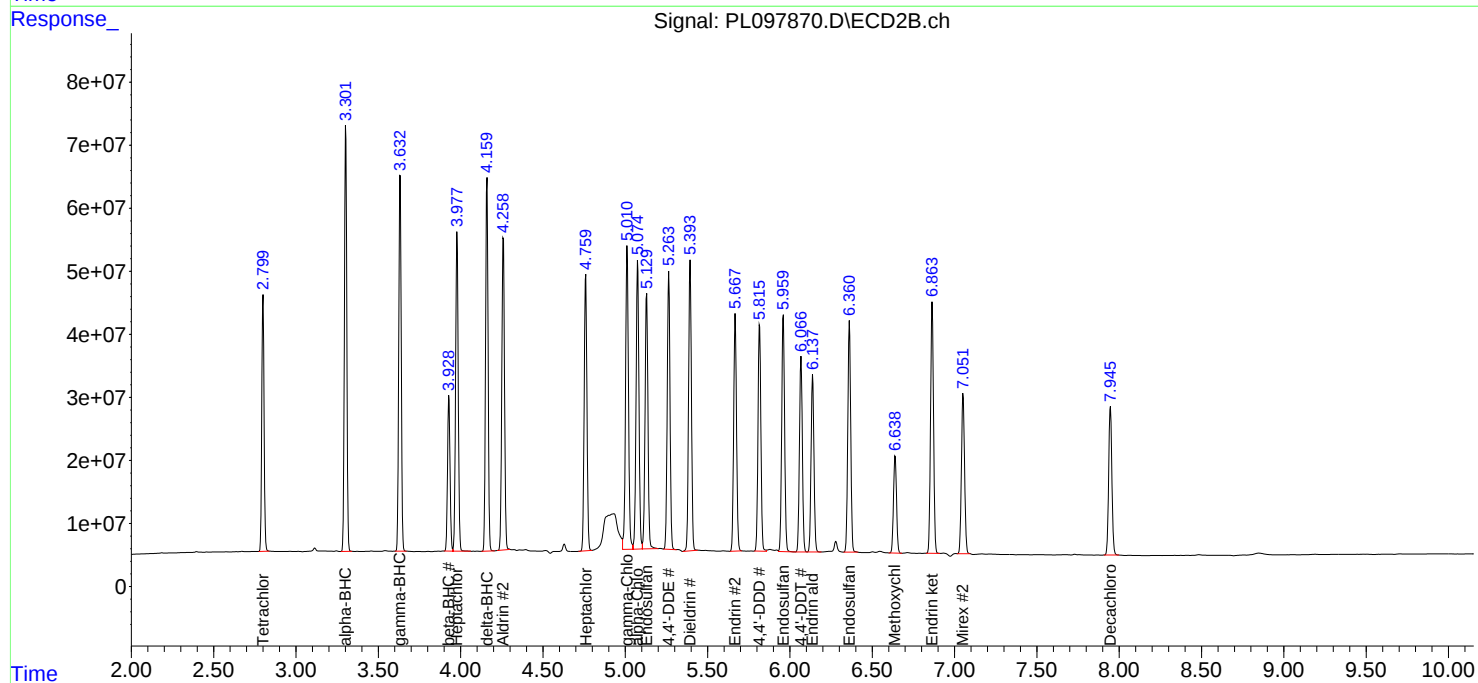
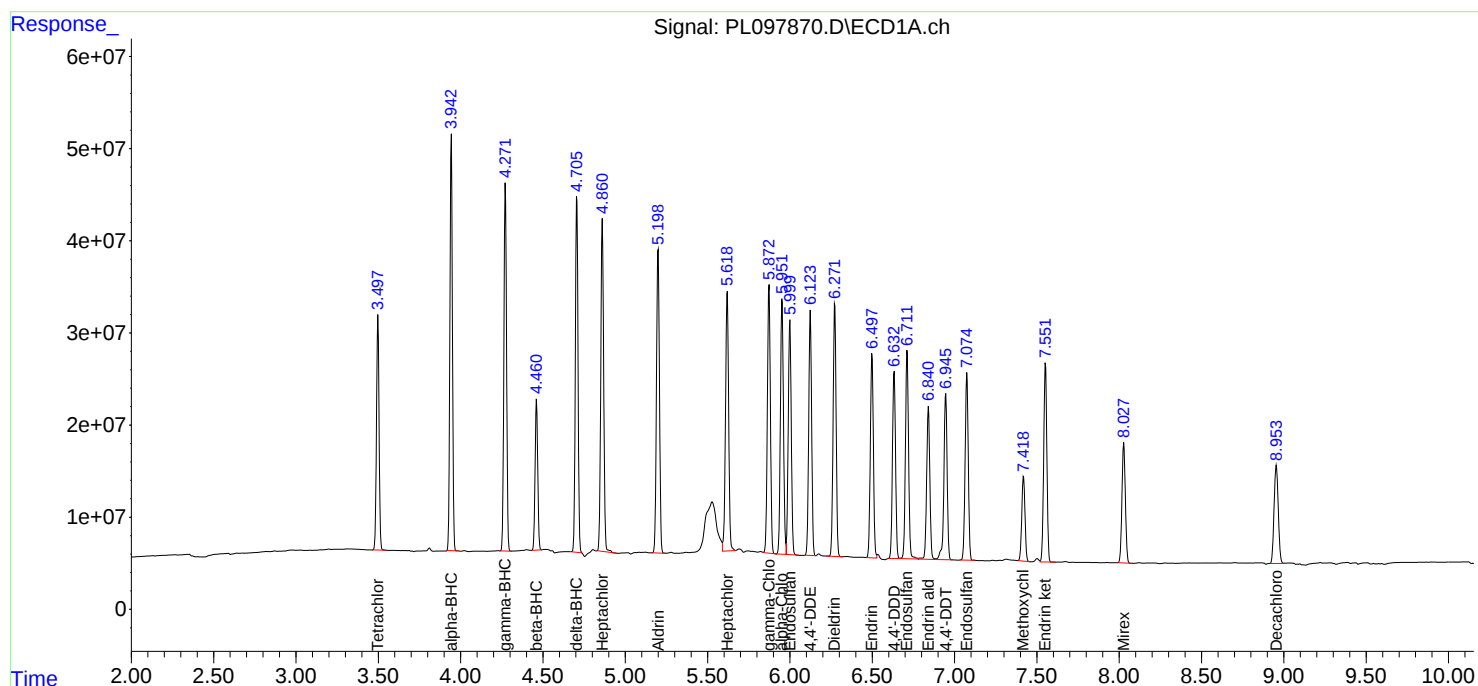
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

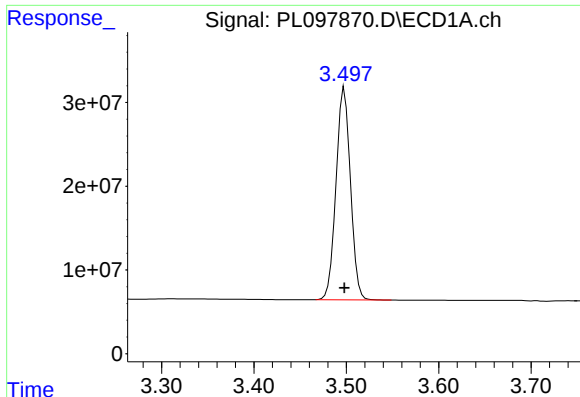
Manual Integrations
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Reviewed By : Abdul Mirza 12/17/2025
Supervised By : Yogesh Patel 12/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 17 00:47:00 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





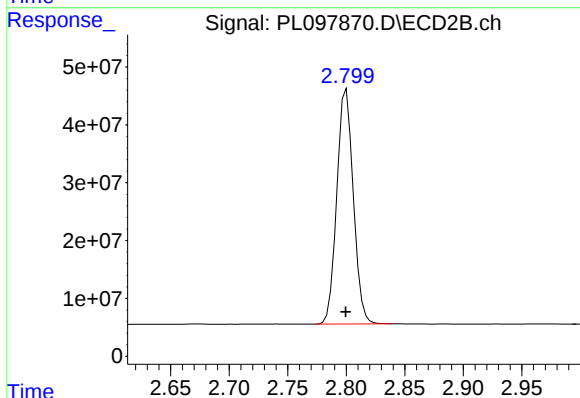
#1 Tetrachloro-m-xylene

R.T.: 3.498 min
Delta R.T.: 0.000 min
Response: 275282239
Conc: 54.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

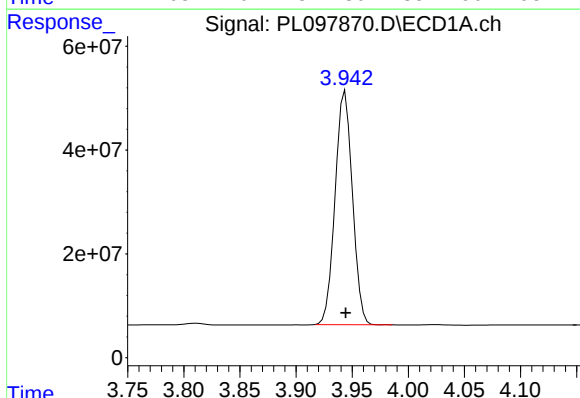
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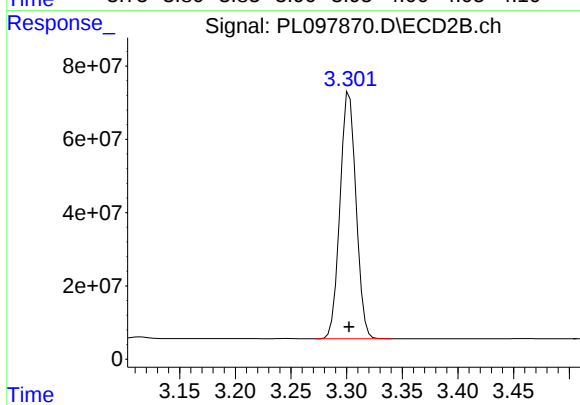
#1 Tetrachloro-m-xylene

R.T.: 2.800 min
Delta R.T.: 0.000 min
Response: 398073880
Conc: 56.99 ng/ml



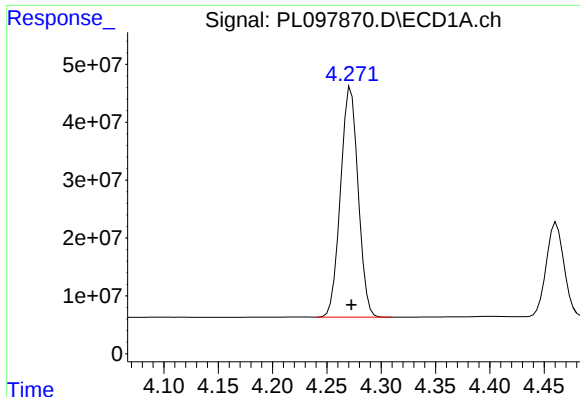
#2 alpha-BHC

R.T.: 3.944 min
Delta R.T.: 0.000 min
Response: 483586195
Conc: 57.18 ng/ml



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 674426796
Conc: 58.78 ng/ml



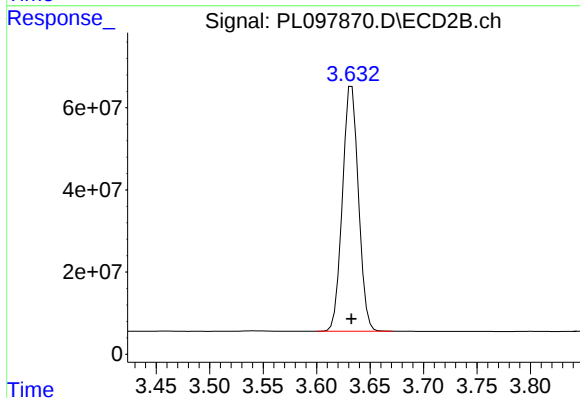
#3 gamma-BHC (Lindane)

R.T.: 4.272 min
Delta R.T.: 0.000 min
Response: 449271327
Conc: 56.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

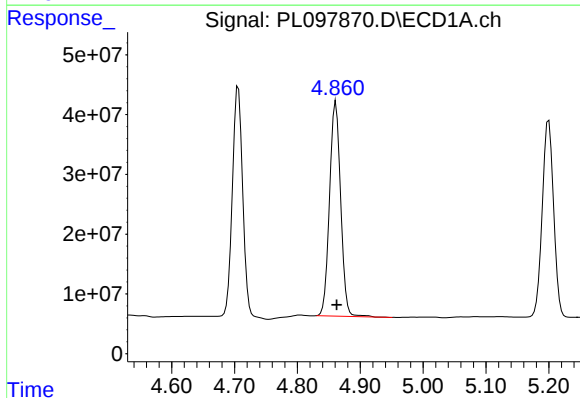
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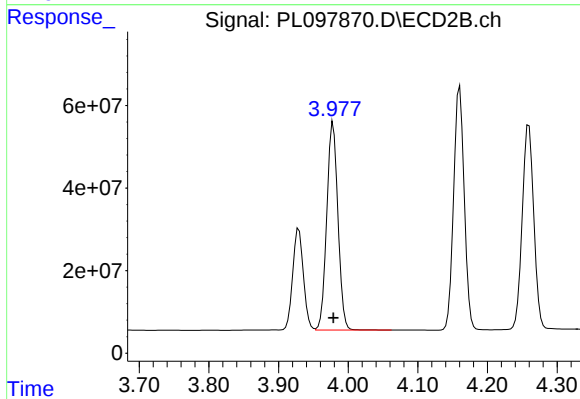
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 623614589
Conc: 57.98 ng/ml



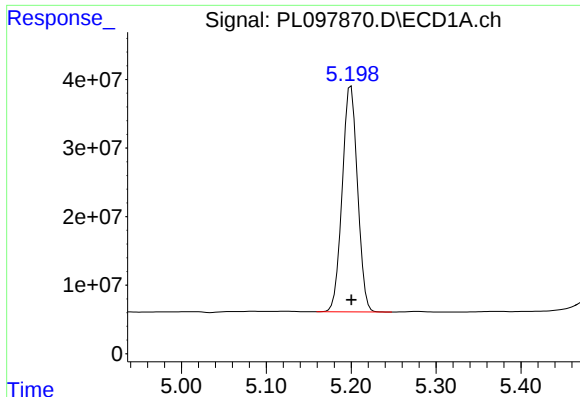
#4 Heptachlor

R.T.: 4.861 min
Delta R.T.: -0.001 min
Response: 439435084
Conc: 55.19 ng/ml



#4 Heptachlor

R.T.: 3.978 min
Delta R.T.: 0.000 min
Response: 561926374
Conc: 54.06 ng/ml



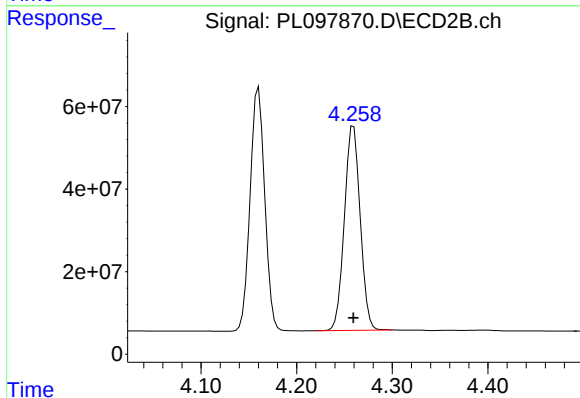
#5 Aldrin

R.T.: 5.200 min
Delta R.T.: 0.000 min
Response: 412302095
Conc: 56.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

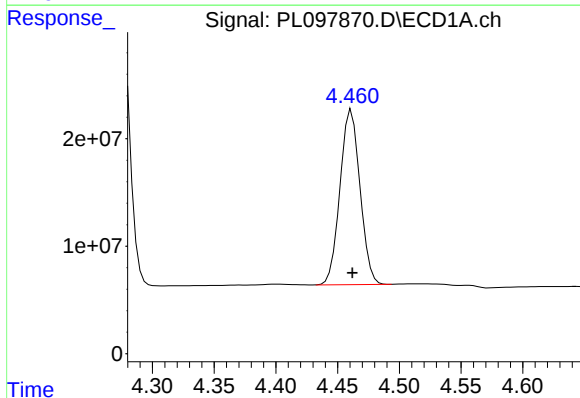
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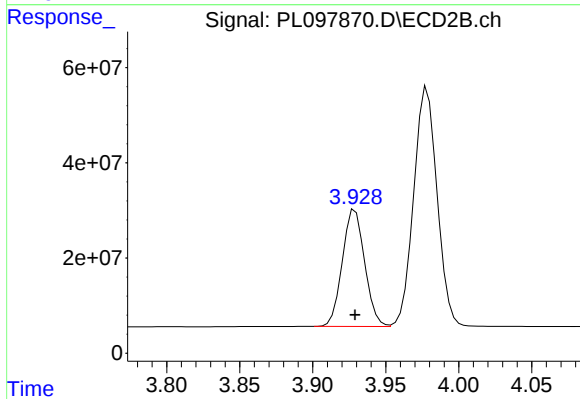
#5 Aldrin

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 571492588
Conc: 57.79 ng/ml



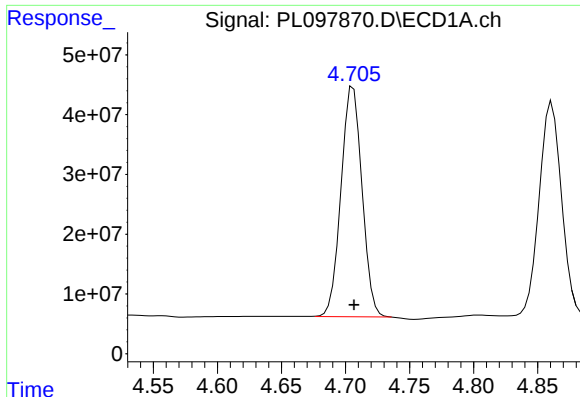
#6 beta-BHC

R.T.: 4.461 min
Delta R.T.: 0.000 min
Response: 183599078
Conc: 54.84 ng/ml



#6 beta-BHC

R.T.: 3.929 min
Delta R.T.: 0.000 min
Response: 261250909
Conc: 56.35 ng/ml



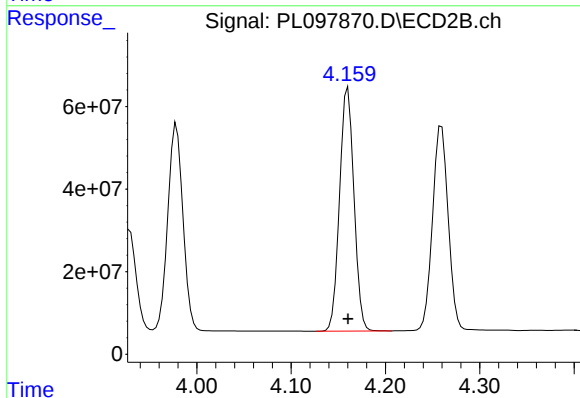
#7 delta-BHC

R.T.: 4.705 min
Delta R.T.: -0.002 min
Response: 439275804
Conc: 56.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

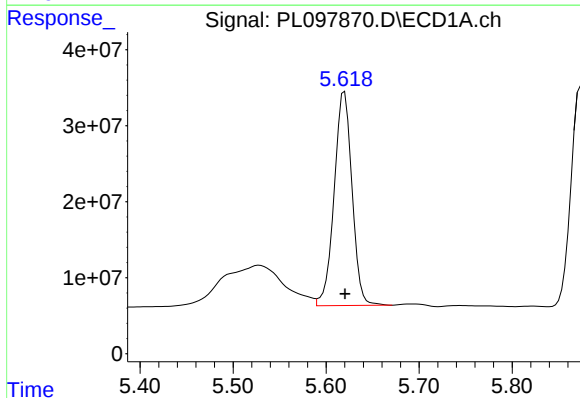
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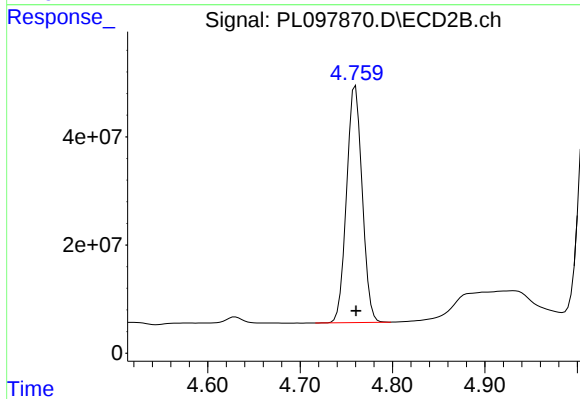
#7 delta-BHC

R.T.: 4.160 min
Delta R.T.: 0.000 min
Response: 625558446
Conc: 58.53 ng/ml



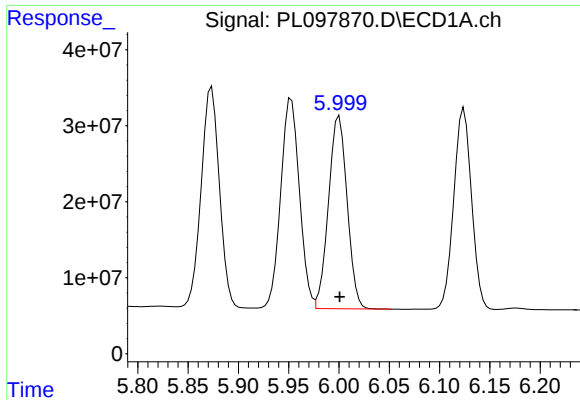
#8 Heptachlor epoxide

R.T.: 5.620 min
Delta R.T.: 0.000 min
Response: 376086091
Conc: 56.53 ng/ml



#8 Heptachlor epoxide

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 513266830
Conc: 57.01 ng/ml



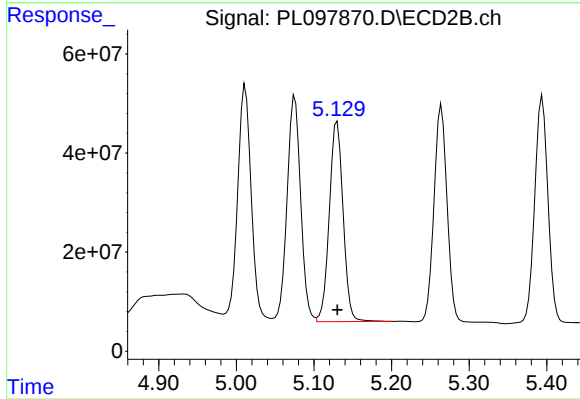
#9 Endosulfan I

R.T.: 6.000 min
Delta R.T.: 0.000 min
Response: 326510082
Conc: 55.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

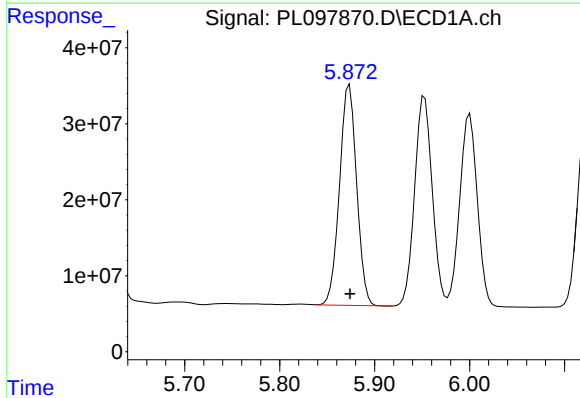
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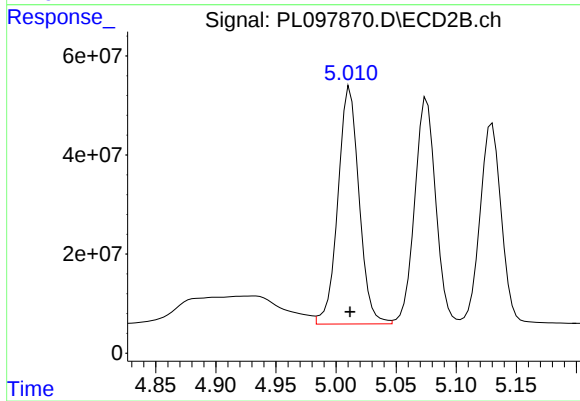
#9 Endosulfan I

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 500337727
Conc: 49.11 ng/ml



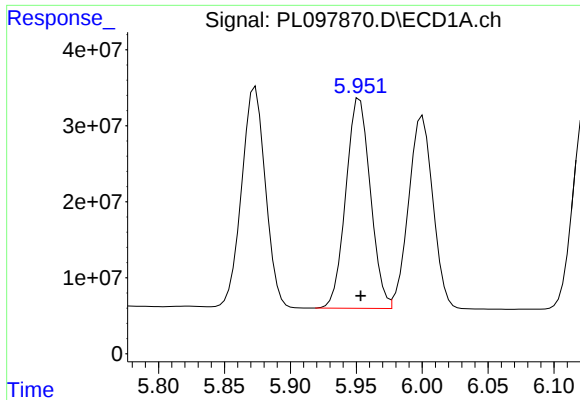
#10 gamma-Chlordane

R.T.: 5.873 min
Delta R.T.: 0.000 min
Response: 364665656
Conc: 56.18 ng/ml



#10 gamma-Chlordane

R.T.: 5.012 min
Delta R.T.: 0.000 min
Response: 588655955
Conc: 57.80 ng/ml



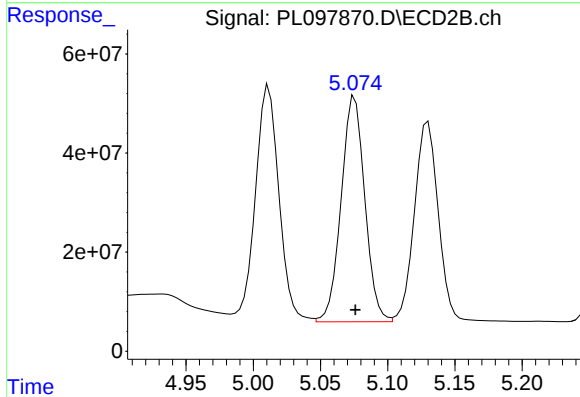
#11 alpha-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 357930665
Conc: 55.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

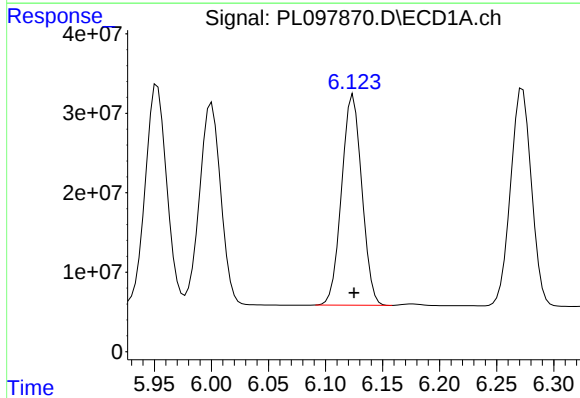
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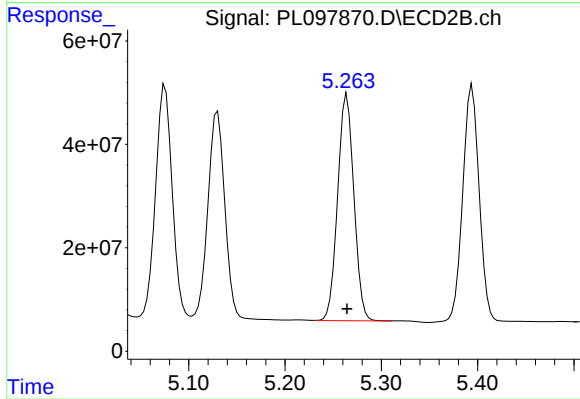
#11 alpha-Chlordane

R.T.: 5.076 min
Delta R.T.: 0.000 min
Response: 556668177
Conc: 54.28 ng/ml



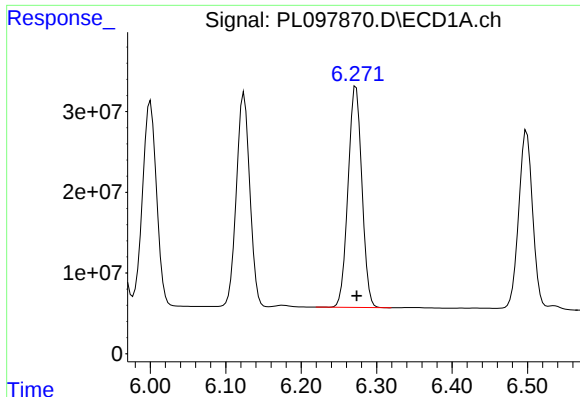
#12 4,4'-DDE

R.T.: 6.124 min
Delta R.T.: 0.000 min
Response: 326867977
Conc: 55.65 ng/ml



#12 4,4'-DDE

R.T.: 5.263 min
Delta R.T.: -0.001 min
Response: 512988136
Conc: 58.22 ng/ml m



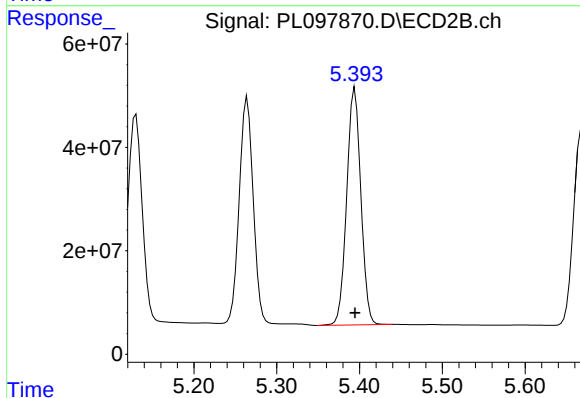
#13 Dieldrin

R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 349505784
Conc: 56.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

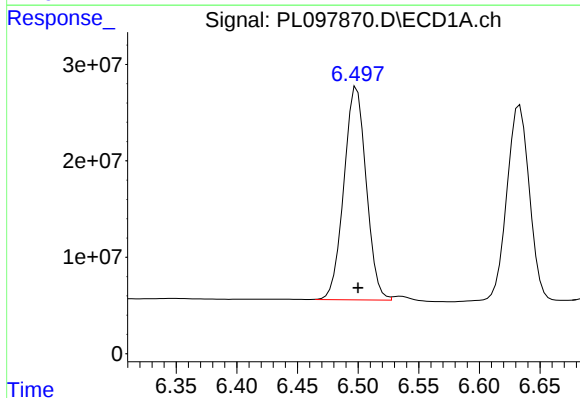
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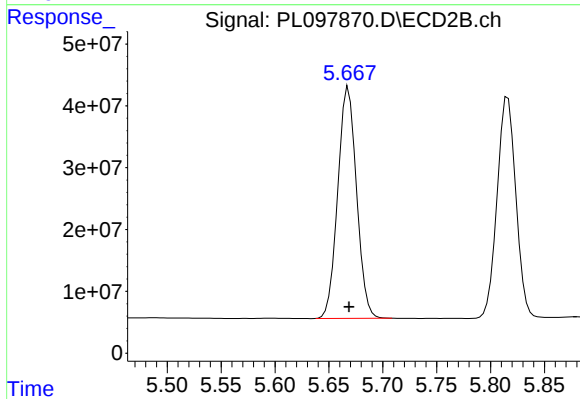
#13 Dieldrin

R.T.: 5.394 min
Delta R.T.: 0.000 min
Response: 544827160
Conc: 58.14 ng/ml



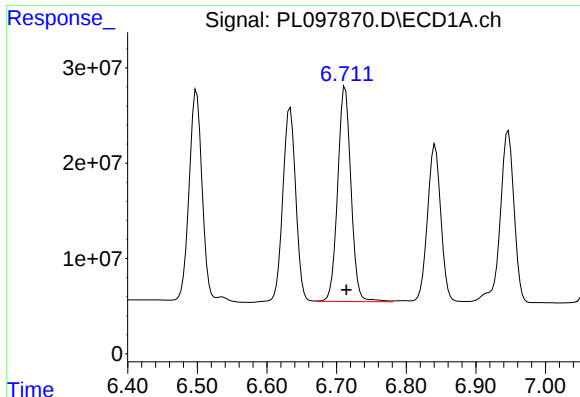
#14 Endrin

R.T.: 6.497 min
Delta R.T.: -0.003 min
Response: 283202200
Conc: 54.68 ng/ml m



#14 Endrin

R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 454048588
Conc: 54.33 ng/ml



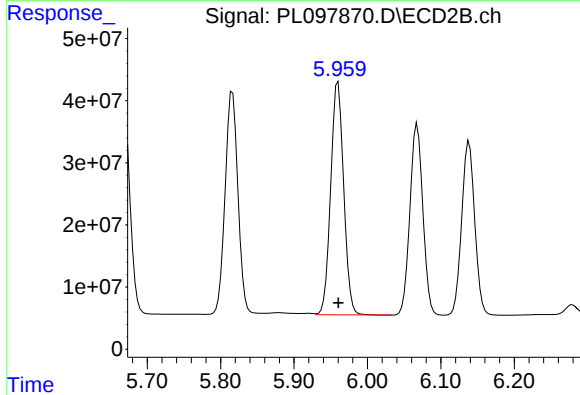
#15 Endosulfan II

R.T.: 6.712 min
Delta R.T.: -0.002 min
Response: 299698194
Conc: 58.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

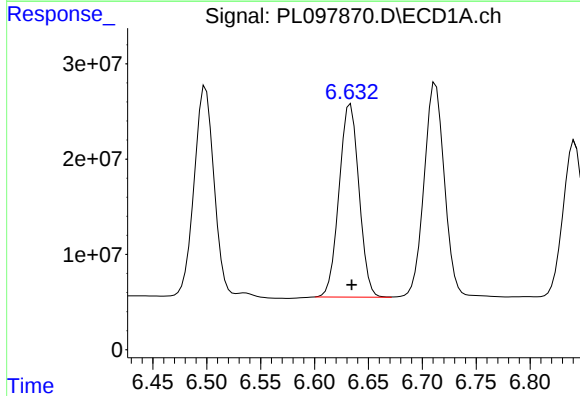
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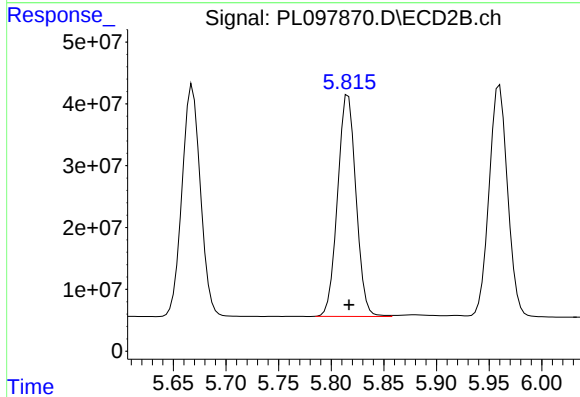
#15 Endosulfan II

R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 461797323
Conc: 55.79 ng/ml



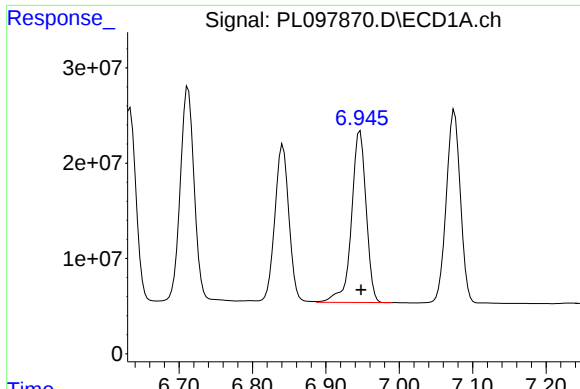
#16 4,4'-DDD

R.T.: 6.633 min
Delta R.T.: -0.001 min
Response: 260841165
Conc: 56.31 ng/ml



#16 4,4'-DDD

R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 437282426
Conc: 58.30 ng/ml



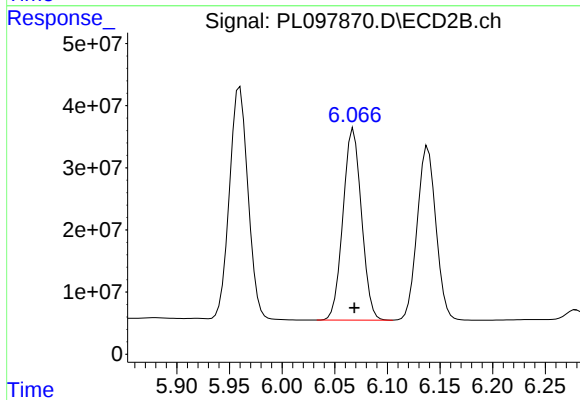
#17 4,4'-DDT

R.T.: 6.947 min
Delta R.T.: -0.001 min
Response: 249940843
Conc: 52.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

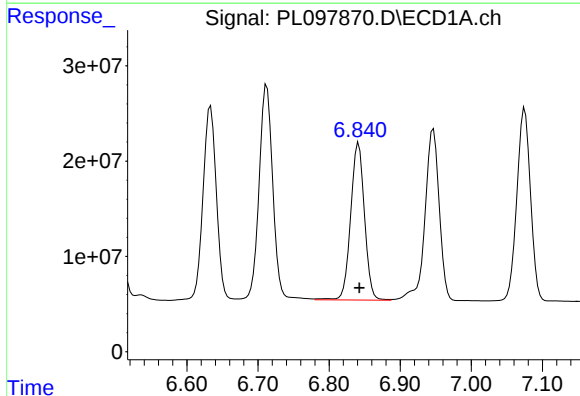
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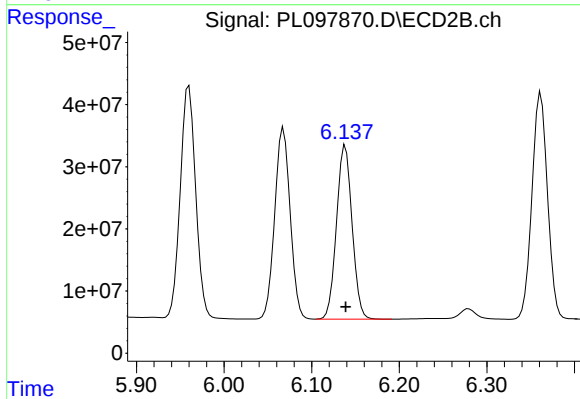
#17 4,4'-DDT

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 378003335
Conc: 49.28 ng/ml



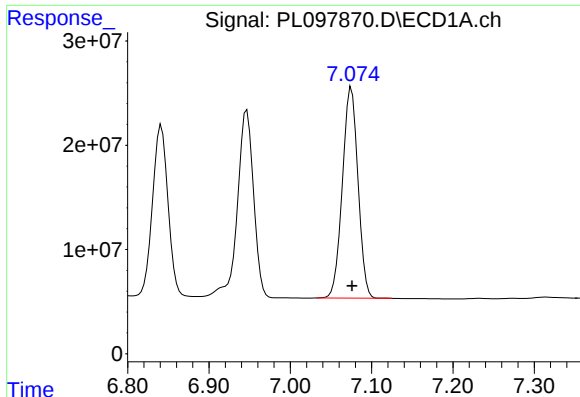
#18 Endrin aldehyde

R.T.: 6.841 min
Delta R.T.: -0.001 min
Response: 222694512
Conc: 56.52 ng/ml



#18 Endrin aldehyde

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 345563768
Conc: 54.12 ng/ml



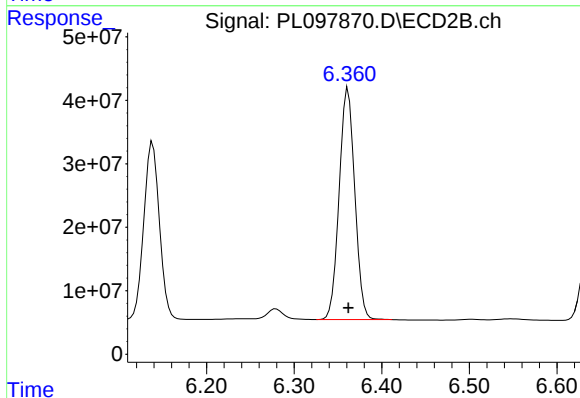
#19 Endosulfan Sulfate

R.T.: 7.075 min
Delta R.T.: 0.000 min
Response: 269211032
Conc: 54.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

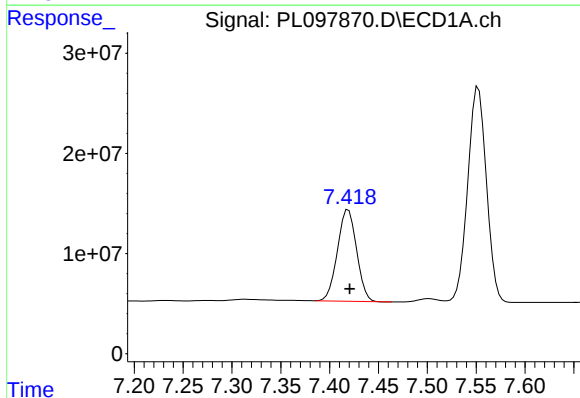
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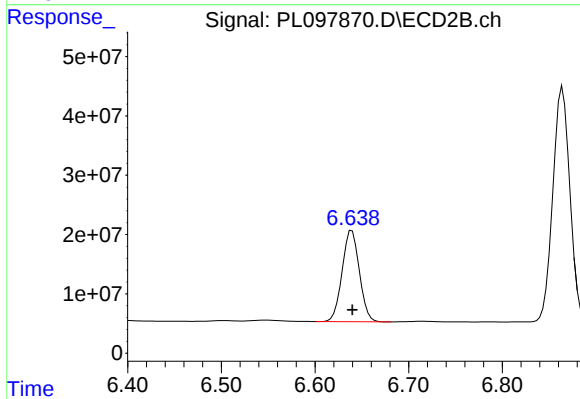
#19 Endosulfan Sulfate

R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 451964302
Conc: 55.52 ng/ml



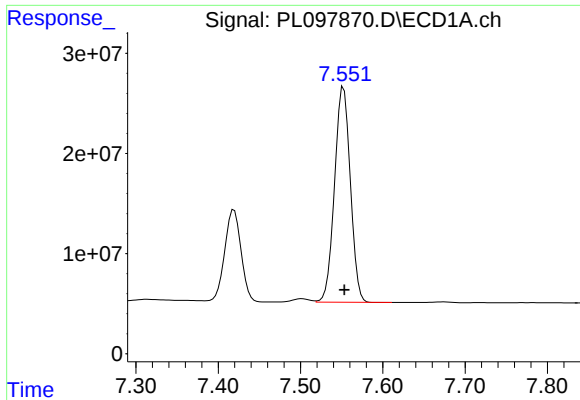
#20 Methoxychlor

R.T.: 7.419 min
Delta R.T.: -0.002 min
Response: 125071261
Conc: 49.69 ng/ml



#20 Methoxychlor

R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 196878633
Conc: 47.11 ng/ml



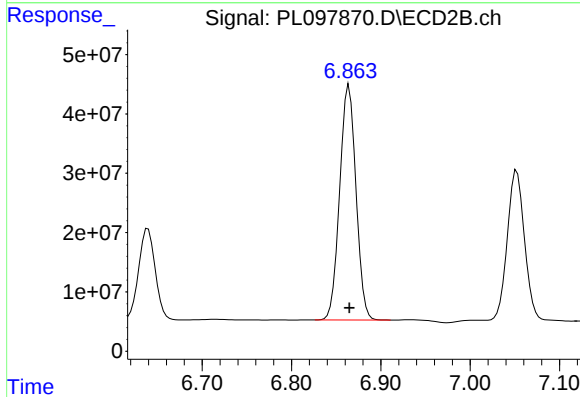
#21 Endrin ketone

R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 287145630
Conc: 55.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

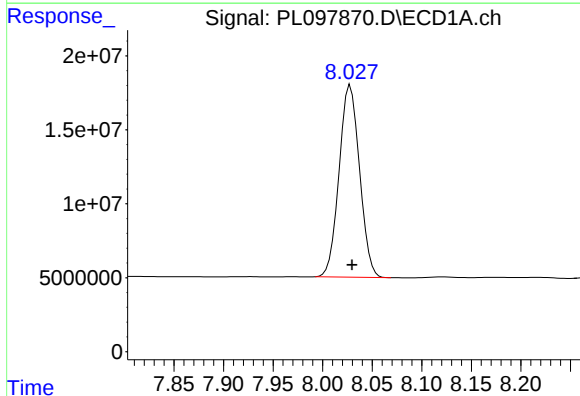
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/17/2025
Supervised By :Yogesh Patel 12/17/2025



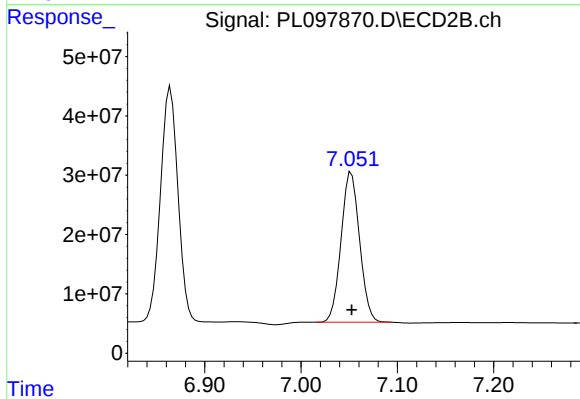
#21 Endrin ketone

R.T.: 6.864 min
Delta R.T.: 0.000 min
Response: 501253217
Conc: 56.19 ng/ml



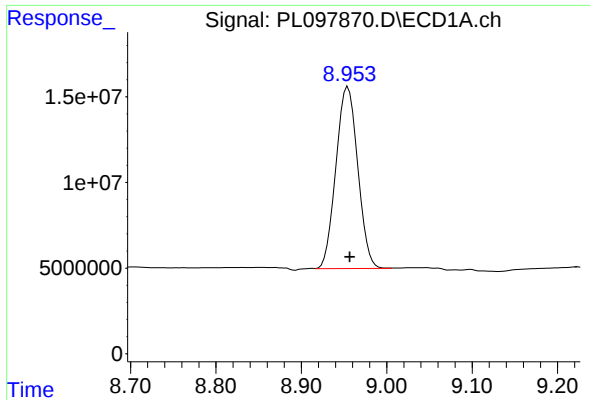
#22 Mirex

R.T.: 8.028 min
Delta R.T.: -0.002 min
Response: 186425073
Conc: 54.05 ng/ml



#22 Mirex

R.T.: 7.052 min
Delta R.T.: 0.000 min
Response: 336866630
Conc: 52.18 ng/ml



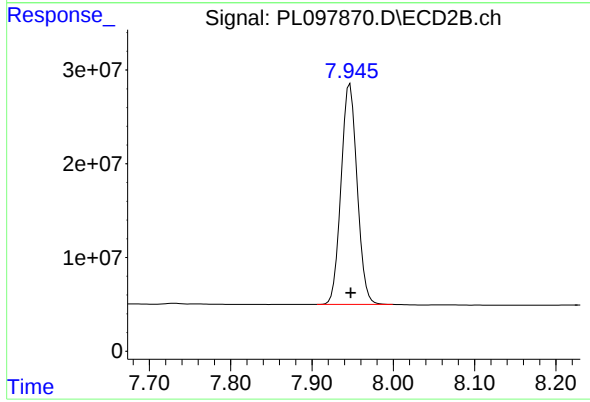
#28 Decachlorobiphenyl

R.T.: 8.953 min
Delta R.T.: -0.004 min
Response: 188717632
Conc: 49.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/17/2025
Supervised By :Yogesh Patel 12/17/2025



#28 Decachlorobiphenyl

R.T.: 7.947 min
Delta R.T.: 0.000 min
Response: 322587634
Conc: 49.05 ng/ml