

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121025\
 Data File : PL097823.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Dec 2025 10:22
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/11/2025
 Supervised By :Yogesh Patel 12/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 11 02:41:29 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...	3.499	2.800	277.8E6	391.9E6	55.050	56.103
28)	SA Decachlor...	8.963	7.951	196.6E6	347.3E6	51.751	52.809
Target Compounds							
2)	A alpha-BHC	3.945	3.303	489.7E6	663.1E6	57.910	57.792
3)	MA gamma-BHC...	4.274	3.634	454.9E6	616.2E6	56.744	57.291
4)	MA Heptachlor	4.863	3.980	451.6E6	589.2E6	56.724	56.681
5)	MB Aldrin	5.202	4.261	413.0E6	564.8E6	57.005	57.106
6)	B beta-BHC	4.463	3.930	185.1E6	258.6E6	55.289	55.783
7)	B delta-BHC	4.707	4.162	442.0E6	616.3E6	57.072m	57.666
8)	B Heptachlo...	5.621	4.762	356.6E6	508.4E6	53.602m	56.466
9)	A Endosulfan I	6.004	5.132	329.7E6	507.9E6	55.999	49.851
10)	B gamma-Chl...	5.877	5.013	369.2E6	570.6E6	56.875	56.022
11)	B alpha-Chl...	5.956	5.077	362.1E6	553.3E6	55.762	53.951
12)	B 4,4'-DDE	6.128	5.266	332.1E6	512.7E6	56.551	58.193
13)	MA Dieldrin	6.276	5.396	351.8E6	539.3E6	57.330	57.556
14)	MA Endrin	6.502	5.670	293.9E6	477.0E6	56.747	57.082
15)	B Endosulfa...	6.716	5.963	291.9E6	463.5E6	57.117m	56.000
16)	A 4,4'-DDD	6.637	5.819	266.8E6	431.6E6	57.594	57.534
17)	MA 4,4'-DDT	6.951	6.070	277.5E6	445.3E6	57.937	58.052
18)	B Endrin al...	6.846	6.141	223.2E6	355.0E6	56.633	55.598
19)	B Endosulfa...	7.079	6.364	273.6E6	457.0E6	55.188	56.142
20)	A Methoxychlor	7.424	6.643	140.4E6	233.4E6	55.771	55.854
21)	B Endrin ke...	7.557	6.868	285.0E6	500.5E6	54.851	56.104
22)	Mirex	8.034	7.056	190.6E6	350.0E6	55.253	54.225

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121025\
Data File : PL097823.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Dec 2025 10:22
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

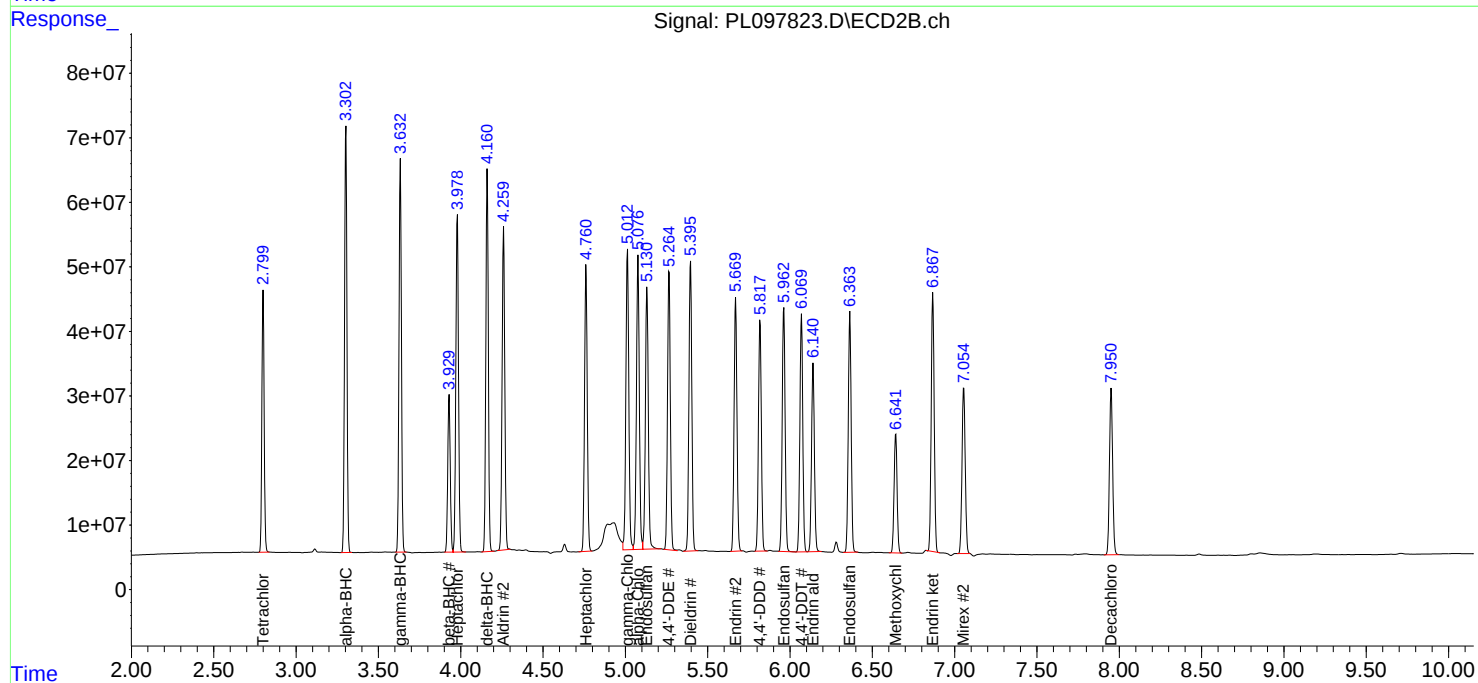
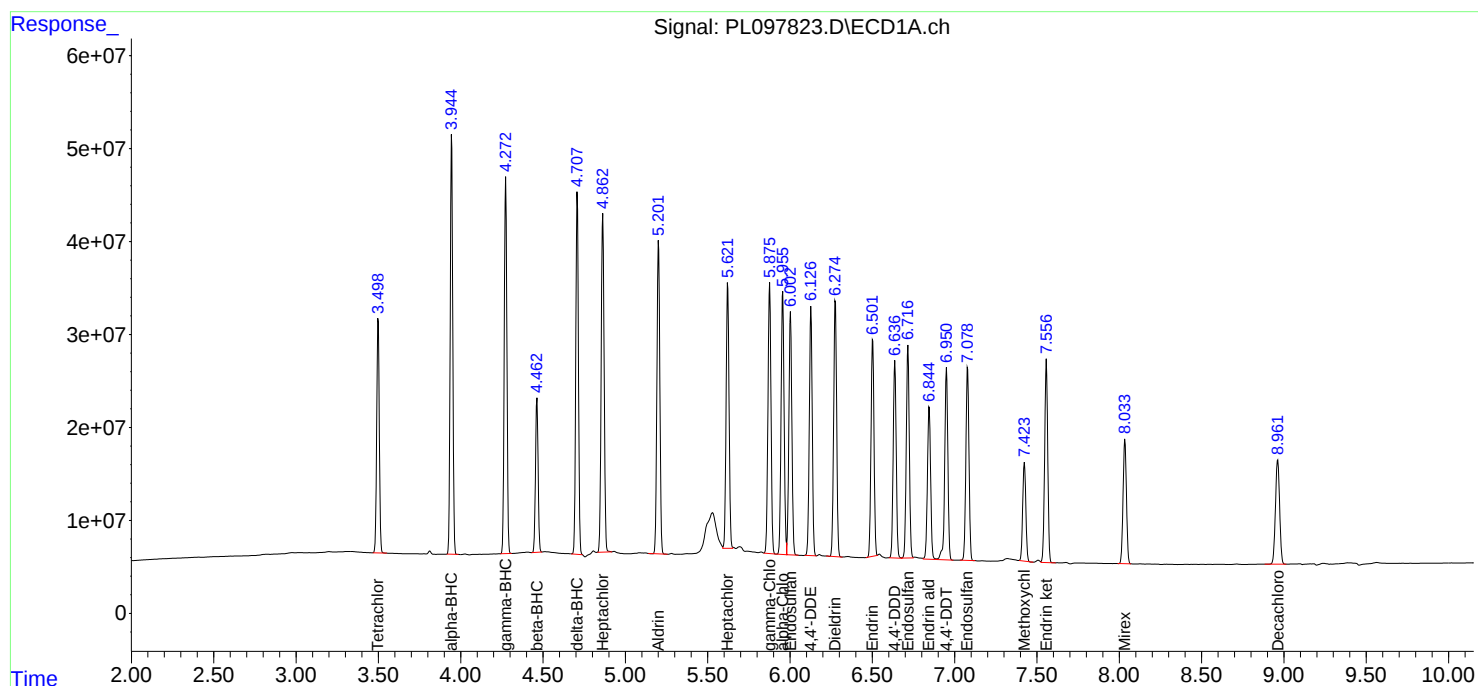
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

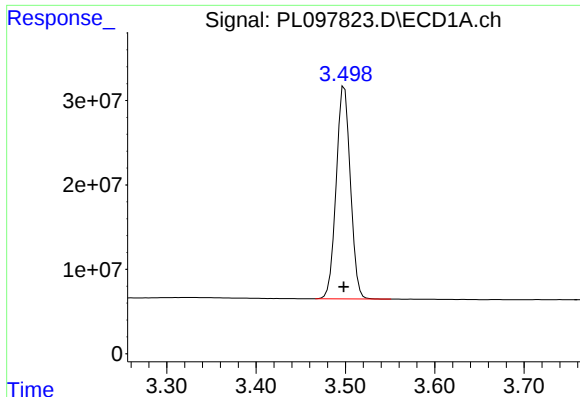
Manual Integrations
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Supervised By : Yogesh Patel 12/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 11 02:41:29 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
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





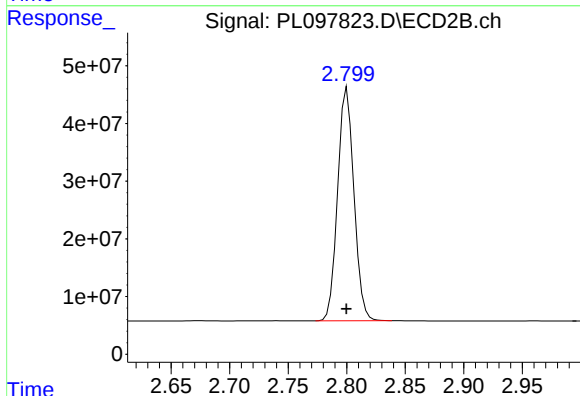
#1 Tetrachloro-m-xylene

R.T.: 3.499 min
Delta R.T.: 0.000 min
Response: 277832897
Conc: 55.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

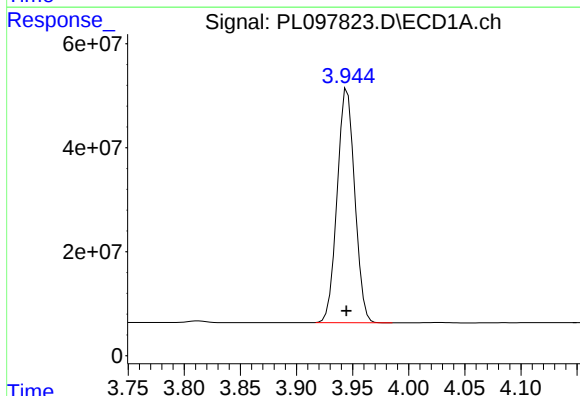
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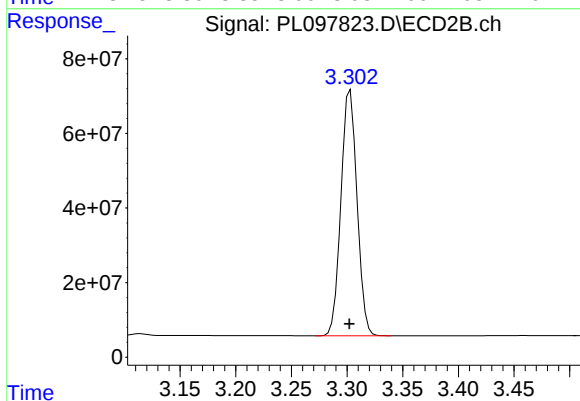
#1 Tetrachloro-m-xylene

R.T.: 2.800 min
Delta R.T.: 0.000 min
Response: 391888579
Conc: 56.10 ng/ml



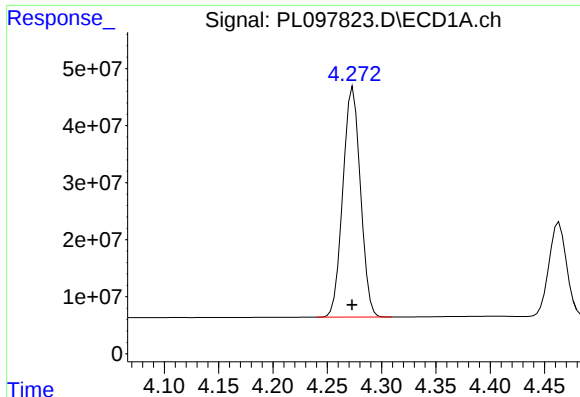
#2 alpha-BHC

R.T.: 3.945 min
Delta R.T.: 0.001 min
Response: 489730640
Conc: 57.91 ng/ml



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 663095434
Conc: 57.79 ng/ml



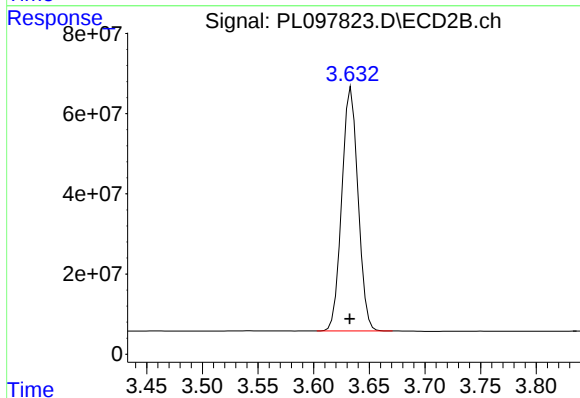
#3 gamma-BHC (Lindane)

R.T.: 4.274 min
Delta R.T.: 0.001 min
Response: 454892252
Conc: 56.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

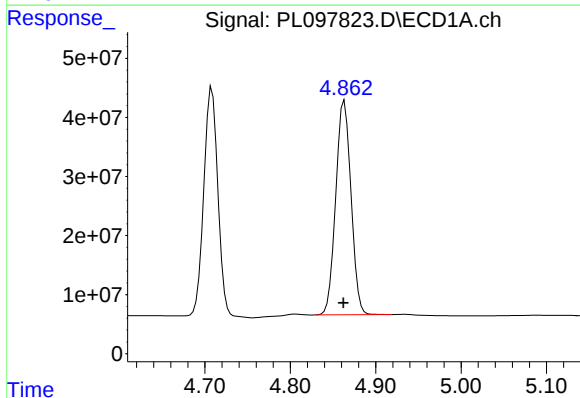
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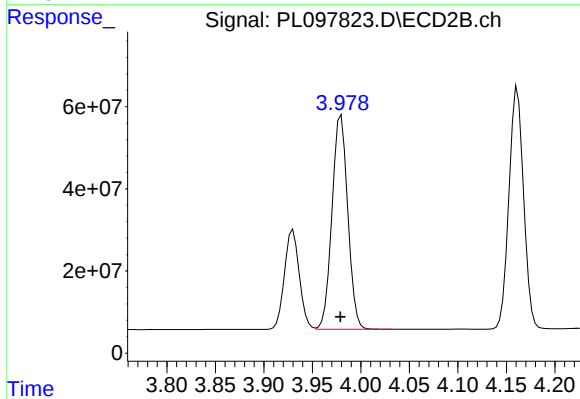
#3 gamma-BHC (Lindane)

R.T.: 3.634 min
Delta R.T.: 0.001 min
Response: 616220336
Conc: 57.29 ng/ml



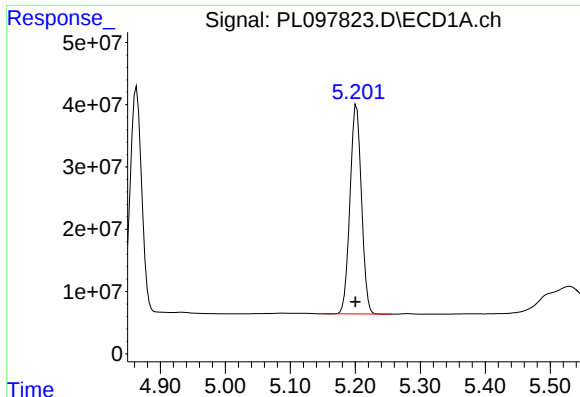
#4 Heptachlor

R.T.: 4.863 min
Delta R.T.: 0.001 min
Response: 451645237
Conc: 56.72 ng/ml



#4 Heptachlor

R.T.: 3.980 min
Delta R.T.: 0.001 min
Response: 589205244
Conc: 56.68 ng/ml



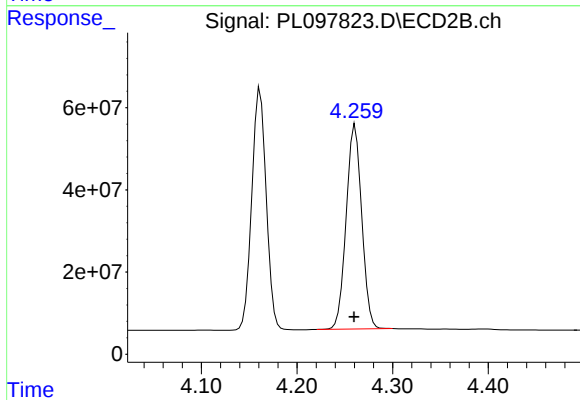
#5 Aldrin

R.T.: 5.202 min
Delta R.T.: 0.002 min
Response: 412974806
Conc: 57.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

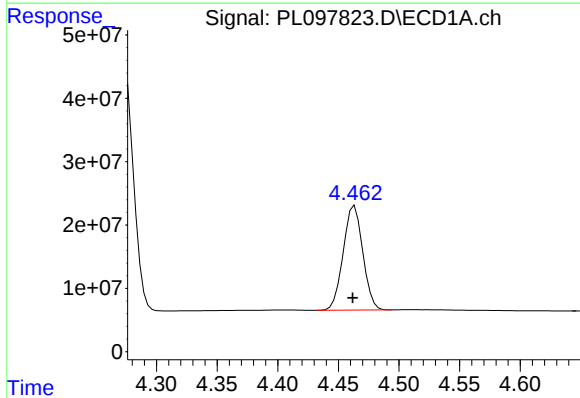
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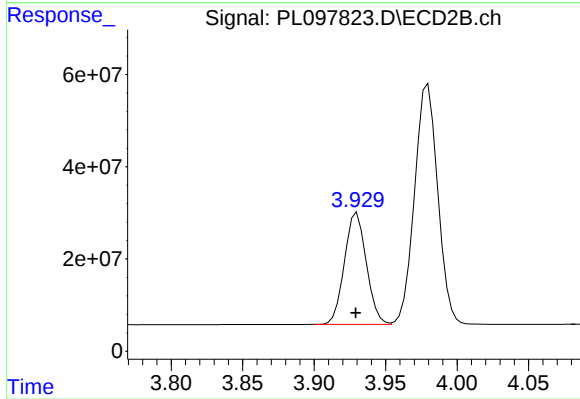
#5 Aldrin

R.T.: 4.261 min
Delta R.T.: 0.001 min
Response: 564760898
Conc: 57.11 ng/ml



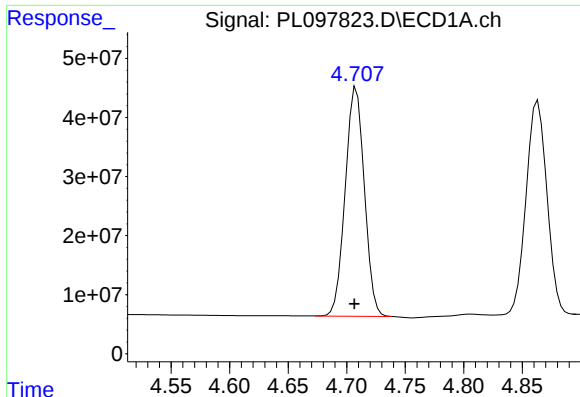
#6 beta-BHC

R.T.: 4.463 min
Delta R.T.: 0.001 min
Response: 185116408
Conc: 55.29 ng/ml



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.001 min
Response: 258628368
Conc: 55.78 ng/ml



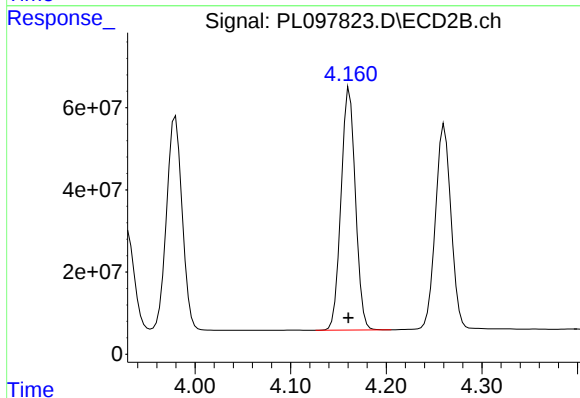
#7 delta-BHC

R.T.: 4.707 min
Delta R.T.: 0.000 min
Response: 442037497
Conc: 57.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

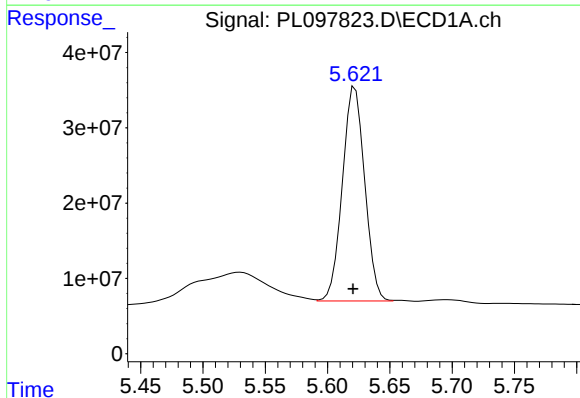
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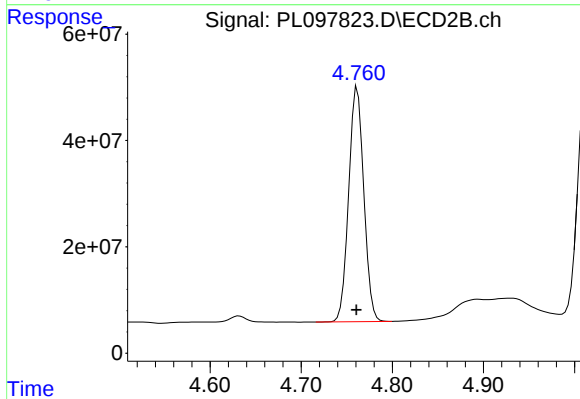
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: 0.001 min
Response: 616293511
Conc: 57.67 ng/ml



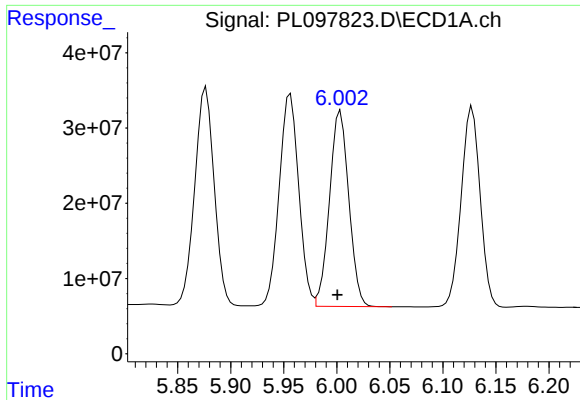
#8 Heptachlor epoxide

R.T.: 5.621 min
Delta R.T.: 0.000 min
Response: 356627085
Conc: 53.60 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 508406112
Conc: 56.47 ng/ml



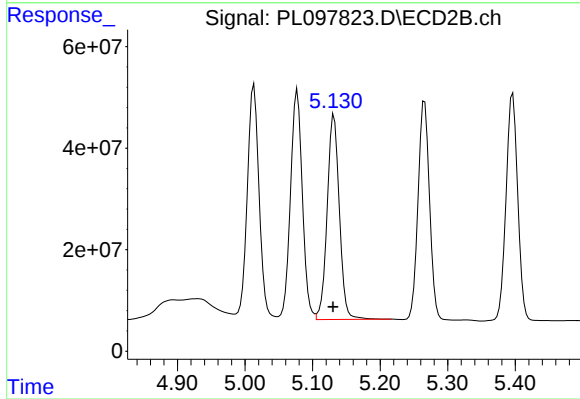
#9 Endosulfan I

R.T.: 6.004 min
Delta R.T.: 0.003 min
Response: 329693847
Conc: 56.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

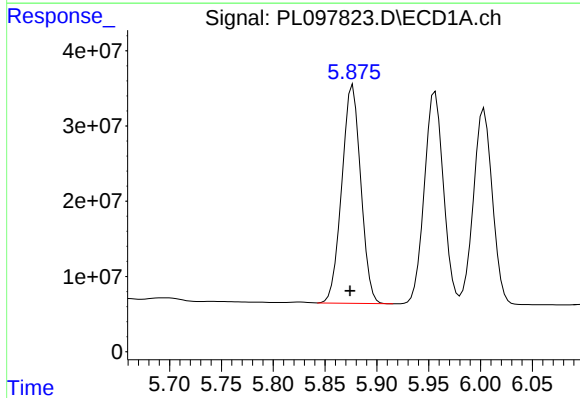
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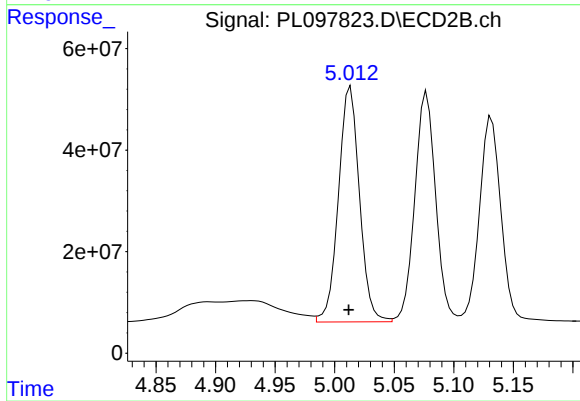
#9 Endosulfan I

R.T.: 5.132 min
Delta R.T.: 0.001 min
Response: 507900780
Conc: 49.85 ng/ml



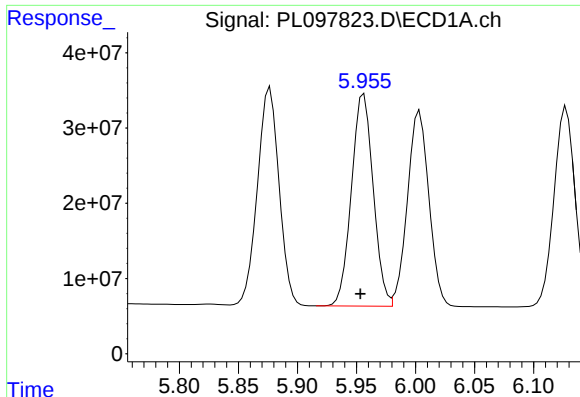
#10 gamma-Chlordane

R.T.: 5.877 min
Delta R.T.: 0.003 min
Response: 369207435
Conc: 56.88 ng/ml



#10 gamma-Chlordane

R.T.: 5.013 min
Delta R.T.: 0.002 min
Response: 570593067
Conc: 56.02 ng/ml



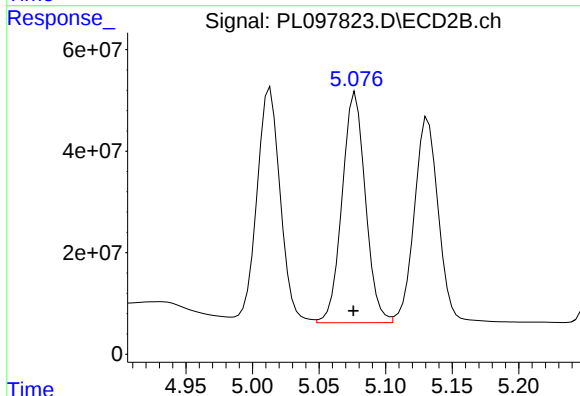
#11 alpha-Chlordane

R.T.: 5.956 min
Delta R.T.: 0.003 min
Response: 362068607
Conc: 55.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

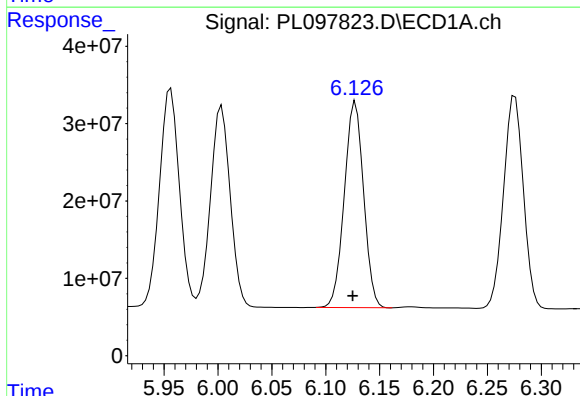
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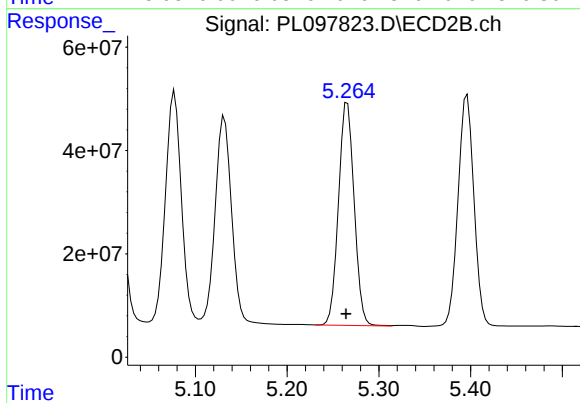
#11 alpha-Chlordane

R.T.: 5.077 min
Delta R.T.: 0.001 min
Response: 553258571
Conc: 53.95 ng/ml



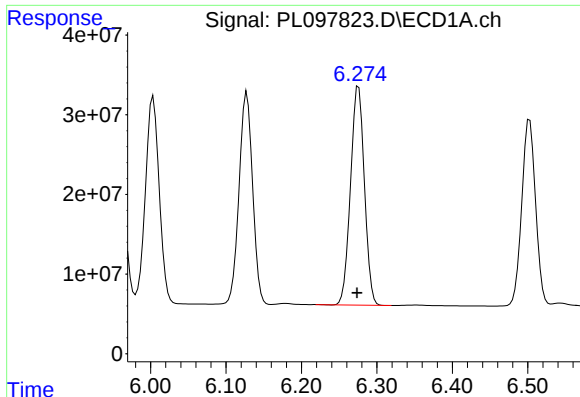
#12 4,4'-DDE

R.T.: 6.128 min
Delta R.T.: 0.003 min
Response: 332144283
Conc: 56.55 ng/ml



#12 4,4'-DDE

R.T.: 5.266 min
Delta R.T.: 0.001 min
Response: 512723172
Conc: 58.19 ng/ml



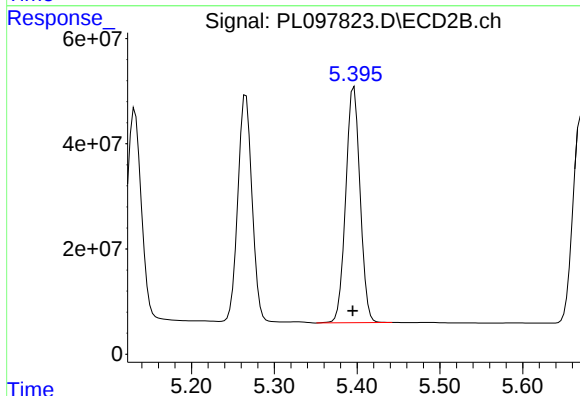
#13 Dieldrin

R.T.: 6.276 min
Delta R.T.: 0.002 min
Response: 351807332
Conc: 57.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

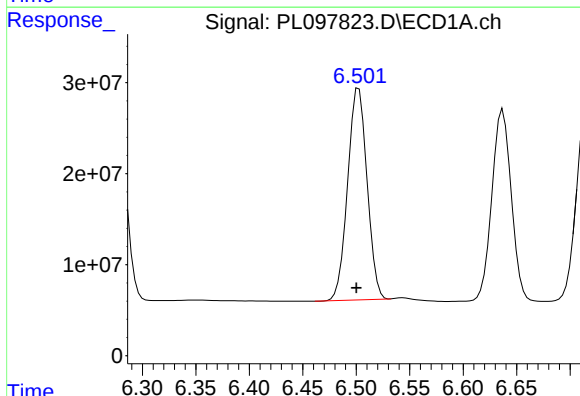
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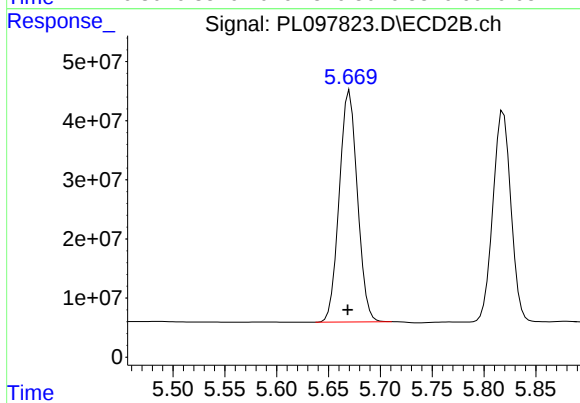
#13 Dieldrin

R.T.: 5.396 min
Delta R.T.: 0.002 min
Response: 539322436
Conc: 57.56 ng/ml



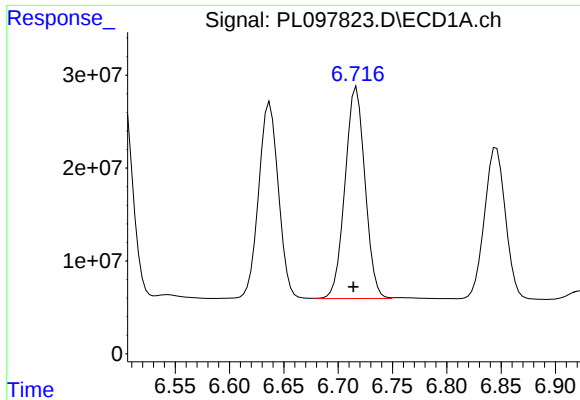
#14 Endrin

R.T.: 6.502 min
Delta R.T.: 0.002 min
Response: 293919441
Conc: 56.75 ng/ml



#14 Endrin

R.T.: 5.670 min
Delta R.T.: 0.002 min
Response: 477033568
Conc: 57.08 ng/ml



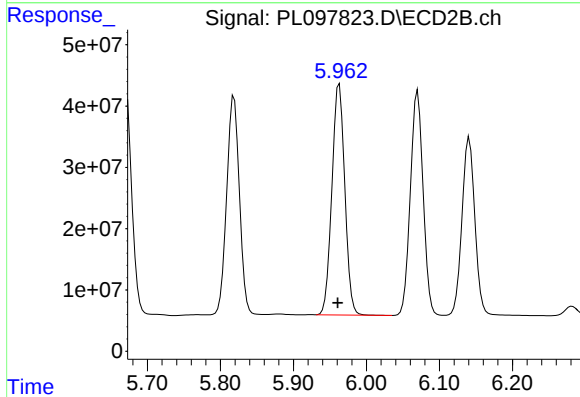
#15 Endosulfan II

R.T.: 6.716 min
Delta R.T.: 0.002 min
Response: 291869462
Conc: 57.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

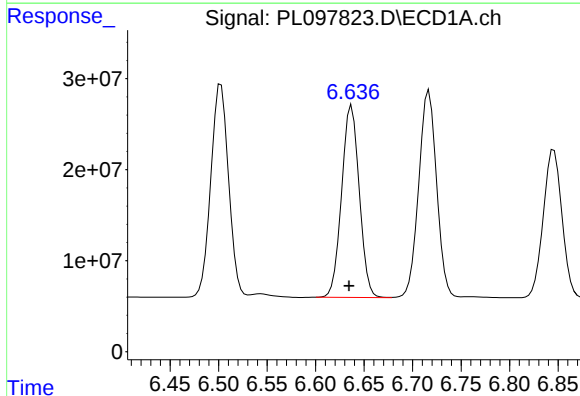
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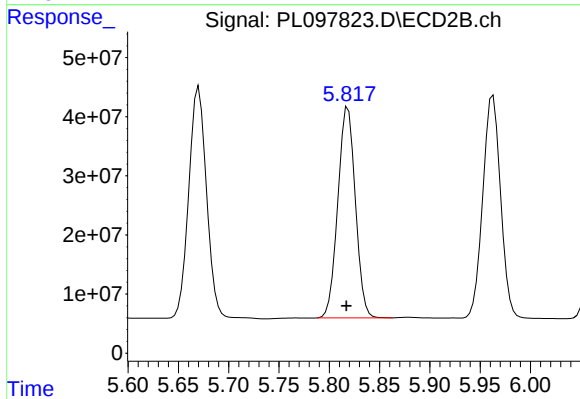
#15 Endosulfan II

R.T.: 5.963 min
Delta R.T.: 0.002 min
Response: 463510666
Conc: 56.00 ng/ml



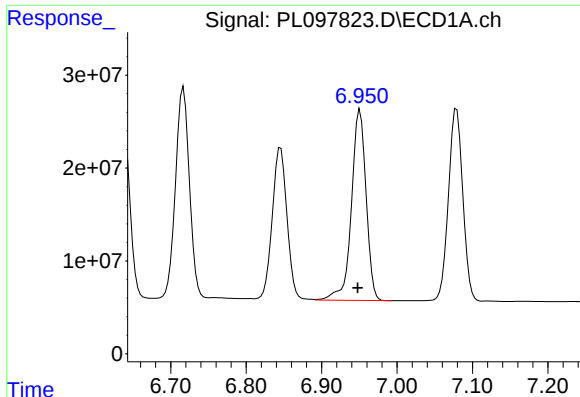
#16 4,4'-DDD

R.T.: 6.637 min
Delta R.T.: 0.003 min
Response: 266775017
Conc: 57.59 ng/ml



#16 4,4'-DDD

R.T.: 5.819 min
Delta R.T.: 0.002 min
Response: 431564558
Conc: 57.53 ng/ml



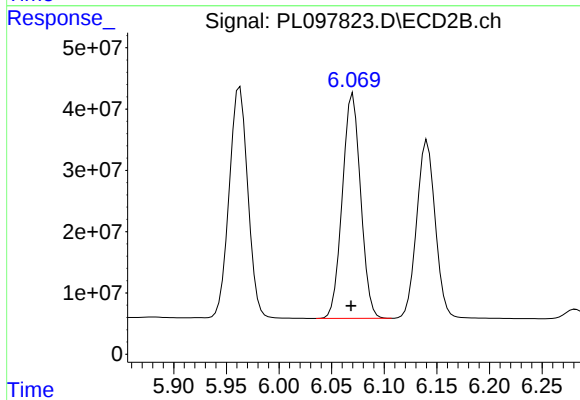
#17 4,4'-DDT

R.T.: 6.951 min
Delta R.T.: 0.003 min
Response: 277534778
Conc: 57.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

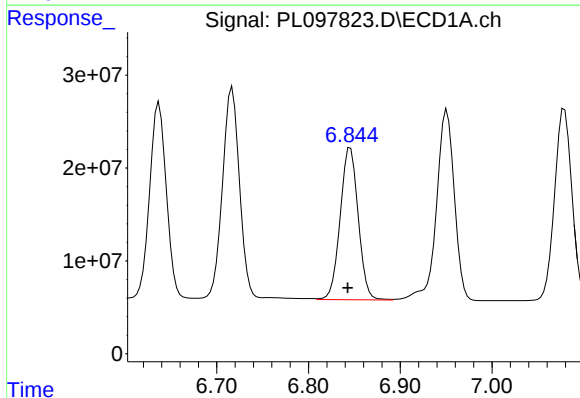
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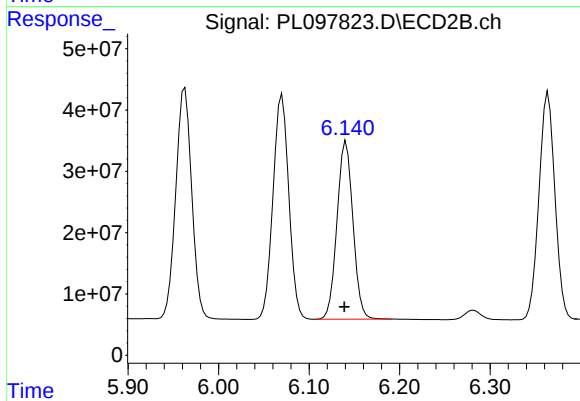
#17 4,4'-DDT

R.T.: 6.070 min
Delta R.T.: 0.002 min
Response: 445298726
Conc: 58.05 ng/ml



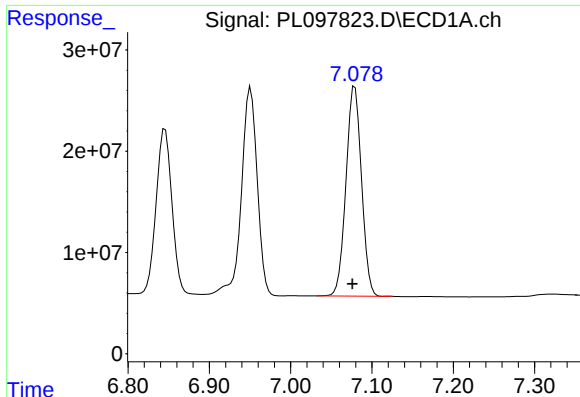
#18 Endrin aldehyde

R.T.: 6.846 min
Delta R.T.: 0.003 min
Response: 223152391
Conc: 56.63 ng/ml



#18 Endrin aldehyde

R.T.: 6.141 min
Delta R.T.: 0.002 min
Response: 354993533
Conc: 55.60 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.079 min
Delta R.T.: 0.003 min
Response: 273586745
Conc: 55.19 ng/ml

Instrument :

ECD_L

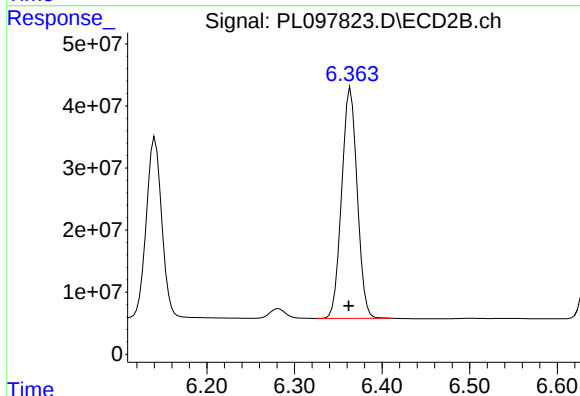
ClientSampleId :

PSTDCCC050

Manual Integrations

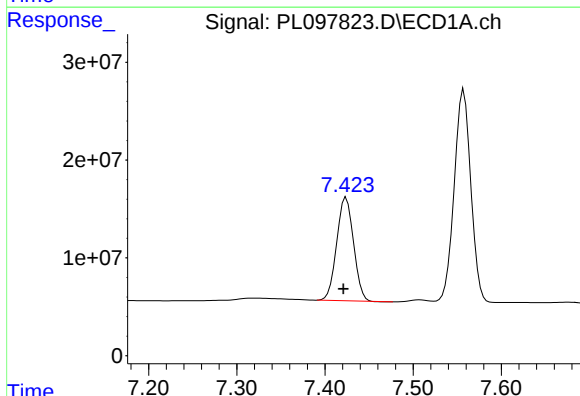
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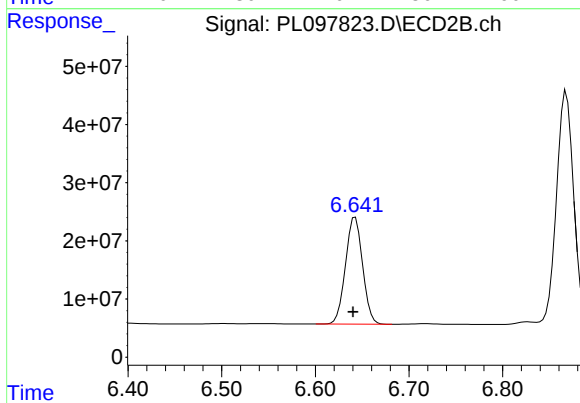
#19 Endosulfan Sulfate

R.T.: 6.364 min
Delta R.T.: 0.002 min
Response: 457047907
Conc: 56.14 ng/ml



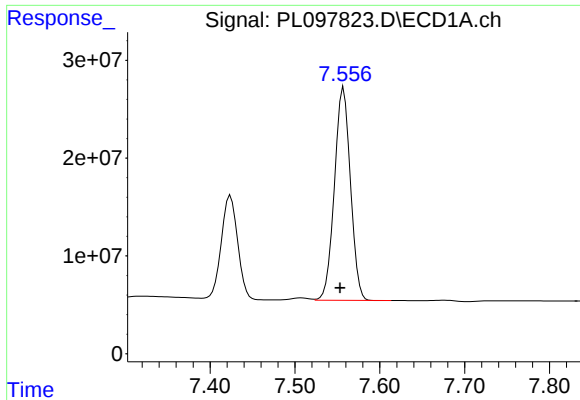
#20 Methoxychlor

R.T.: 7.424 min
Delta R.T.: 0.003 min
Response: 140369890
Conc: 55.77 ng/ml



#20 Methoxychlor

R.T.: 6.643 min
Delta R.T.: 0.003 min
Response: 233414162
Conc: 55.85 ng/ml



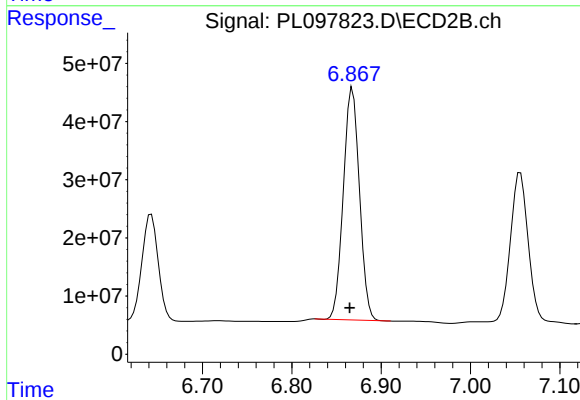
#21 Endrin ketone

R.T.: 7.557 min
Delta R.T.: 0.004 min
Response: 285037544
Conc: 54.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

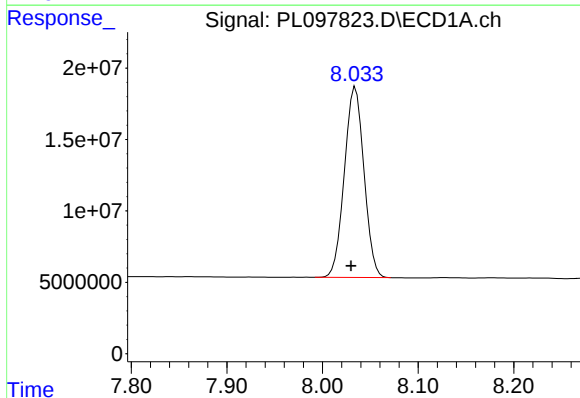
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/11/2025
Supervised By :Yogesh Patel 12/11/2025



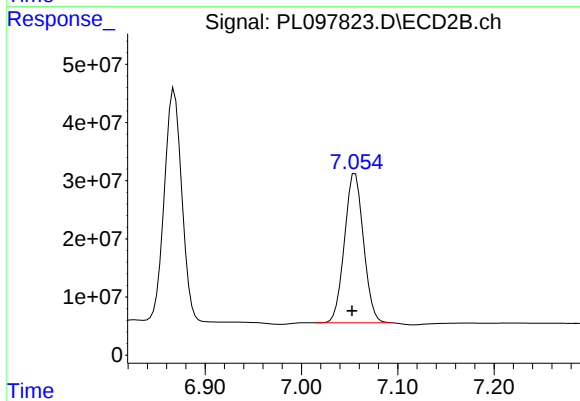
#21 Endrin ketone

R.T.: 6.868 min
Delta R.T.: 0.003 min
Response: 500502992
Conc: 56.10 ng/ml



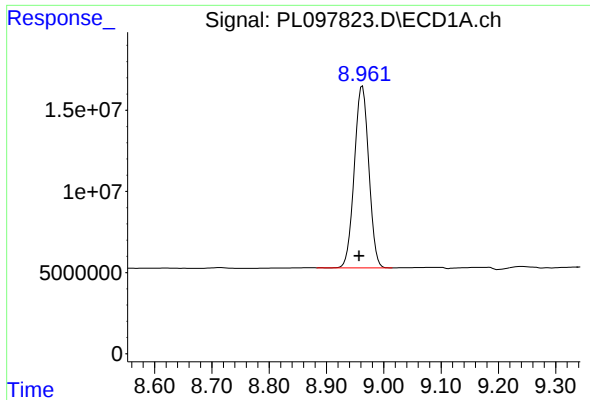
#22 Mirex

R.T.: 8.034 min
Delta R.T.: 0.005 min
Response: 190562705
Conc: 55.25 ng/ml



#22 Mirex

R.T.: 7.056 min
Delta R.T.: 0.003 min
Response: 350043304
Conc: 54.23 ng/ml



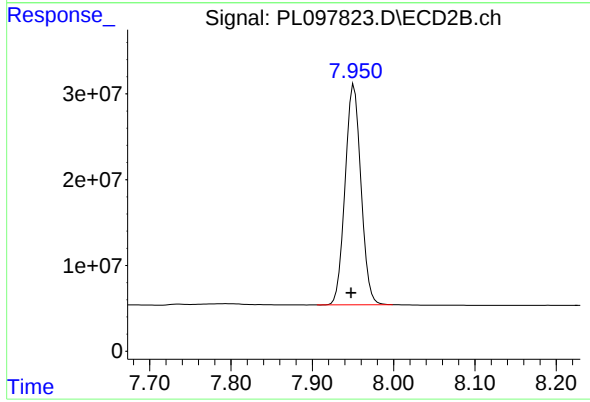
#28 Decachlorobiphenyl

R.T.: 8.963 min
Delta R.T.: 0.006 min
Response: 196625953
Conc: 51.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/11/2025
Supervised By :Yogesh Patel 12/11/2025



#28 Decachlorobiphenyl

R.T.: 7.951 min
Delta R.T.: 0.004 min
Response: 347274903
Conc: 52.81 ng/ml