

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121025\
 Data File : PL097825.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Dec 2025 17:35
 Operator : AR\AJ
 Sample : PB170884BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB170884BS

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 02:42:02 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	2.799	110.0E6	151.5E6	21.798	21.682
28)	SA Decachlor...	8.962	7.951	89803249	155.7E6	23.636m	23.678
Target Compounds							
2)	A alpha-BHC	3.945	3.302	463.1E6	649.2E6	54.759	56.583
3)	MA gamma-BHC...	4.273	3.633	450.2E6	608.5E6	56.160	56.576
4)	MA Heptachlor	4.863	3.979	448.1E6	578.5E6	56.278	55.650
5)	MB Aldrin	5.202	4.260	395.9E6	561.4E6	54.653	56.767
6)	B beta-BHC	4.463	3.929	184.7E6	254.7E6	55.153	54.932
7)	B delta-BHC	4.708	4.161	417.7E6	595.8E6	53.924	55.746
8)	B Heptachlo...	5.622	4.761	359.7E6	510.4E6	54.058	56.684
9)	A Endosulfan I	6.003	5.131	335.3E6	512.8E6	56.951	50.331
10)	B gamma-Chl...	5.876	5.013	372.0E6	568.1E6	57.311	55.773
11)	B alpha-Chl...	5.956	5.077	367.2E6	552.8E6	56.547	53.902
12)	B 4,4'-DDE	6.128	5.266	343.4E6	516.0E6	58.472	58.562
13)	MA Dieldrin	6.277	5.396	344.5E6	539.8E6	56.139	57.606
14)	MA Endrin	6.502	5.670	294.3E6	475.8E6	56.812	56.935
15)	B Endosulfa...	6.717	5.963	312.1E6	470.1E6	61.071	56.794
16)	A 4,4'-DDD	6.637	5.818	274.3E6	440.6E6	59.216	58.737
17)	MA 4,4'-DDT	6.951	6.070	282.5E6	444.3E6	58.980	57.922
18)	B Endrin al...	6.846	6.141	233.8E6	360.2E6	59.327	56.410
19)	B Endosulfa...	7.079	6.364	277.5E6	460.7E6	55.978	56.588
20)	A Methoxychlor	7.424	6.642	142.2E6	229.6E6	56.483	54.932
21)	B Endrin ke...	7.558	6.868	294.5E6	516.3E6	56.673	57.872
22)	Mirex	8.034	7.056	180.5E6	340.7E6	52.335	52.781

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121025\
Data File : PL097825.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Dec 2025 17:35
Operator : AR\AJ
Sample : PB170884BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

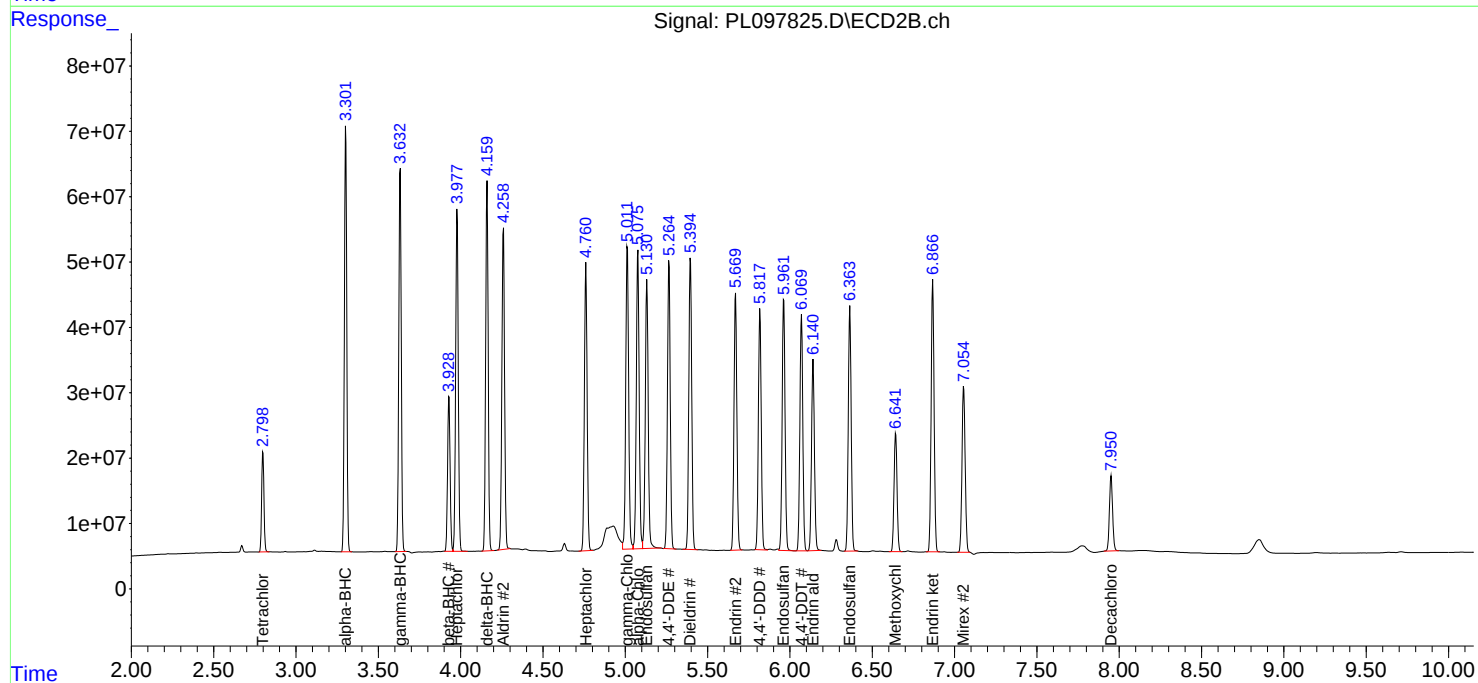
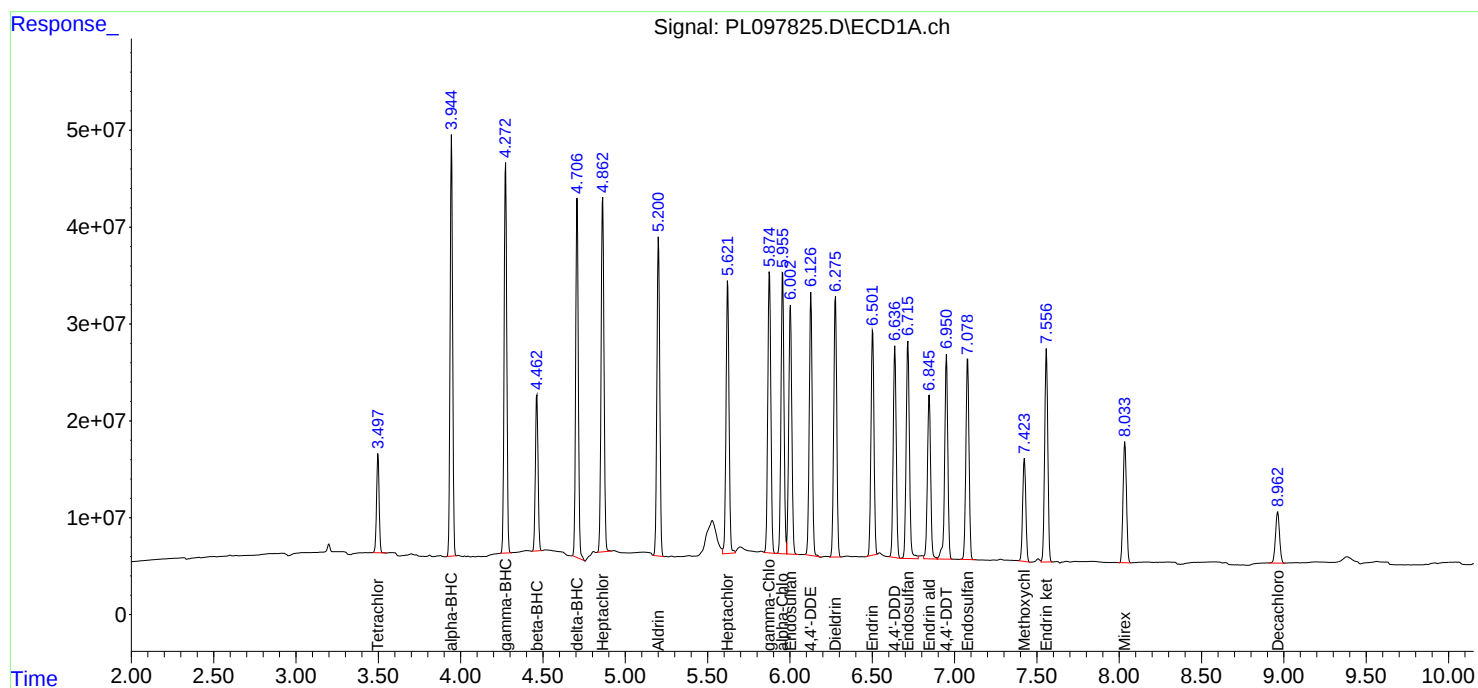
Instrument :
ECD_L
ClientSampleId :
PB170884BS

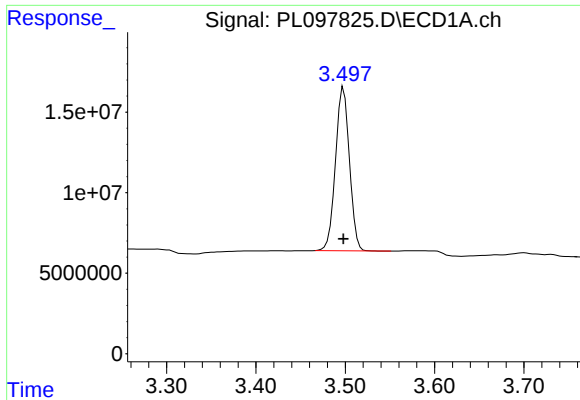
Manual Integrations
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Supervised By : Yogesh Patel 12/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 11 02:42:02 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

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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





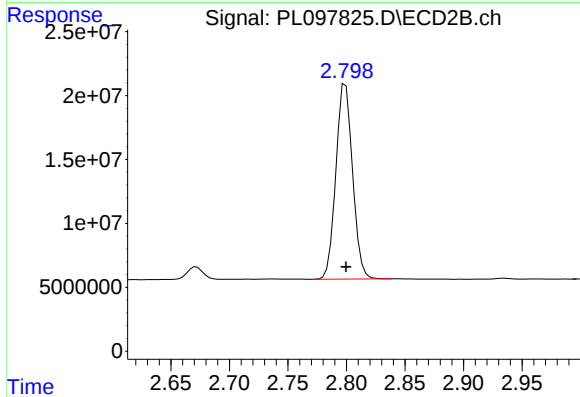
#1 Tetrachloro-m-xylene

R.T.: 3.498 min
Delta R.T.: 0.000 min
Response: 110015223
Conc: 21.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170884BS

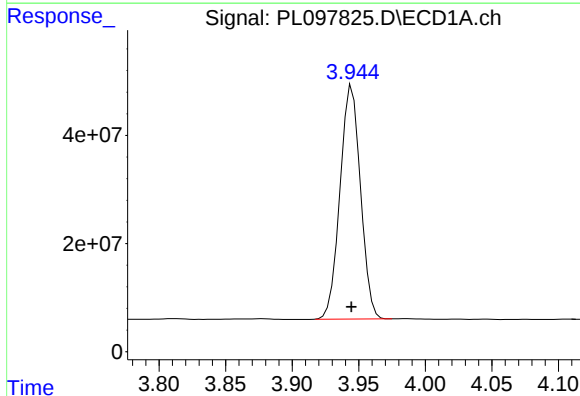
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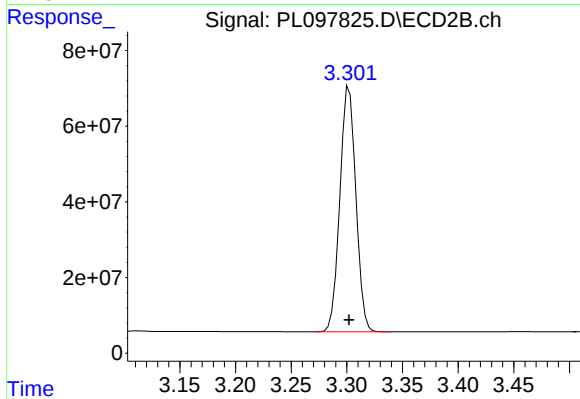
#1 Tetrachloro-m-xylene

R.T.: 2.799 min
Delta R.T.: 0.000 min
Response: 151455375
Conc: 21.68 ng/ml



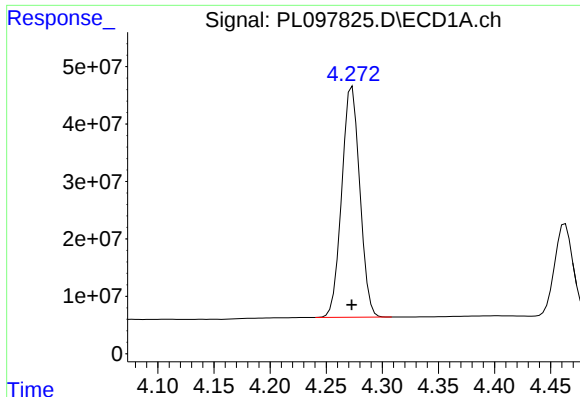
#2 alpha-BHC

R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 463082651
Conc: 54.76 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 649224923
Conc: 56.58 ng/ml



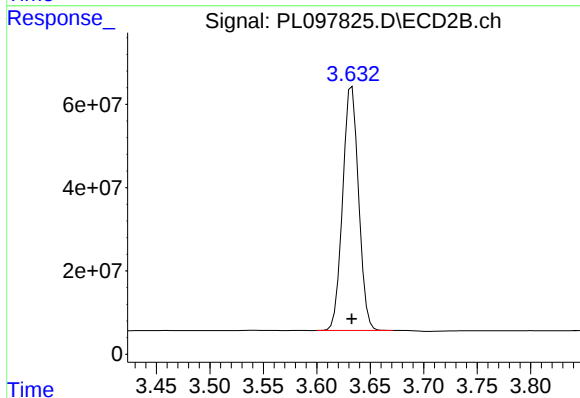
#3 gamma-BHC (Lindane)

R.T.: 4.273 min
Delta R.T.: 0.000 min
Response: 450208055
Conc: 56.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170884BS

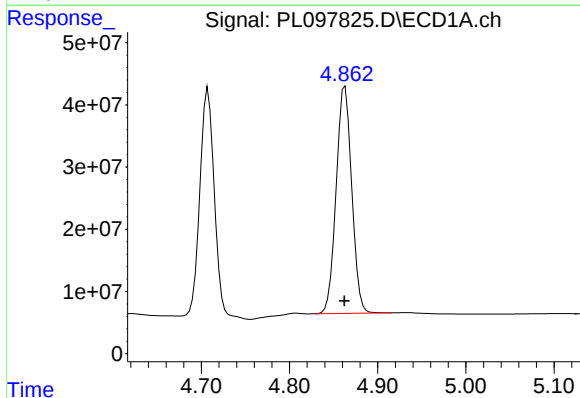
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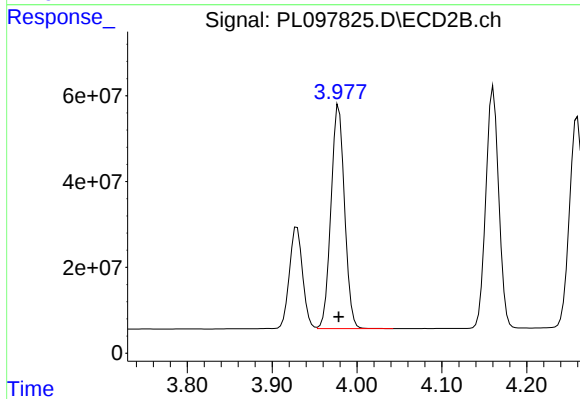
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 608527003
Conc: 56.58 ng/ml



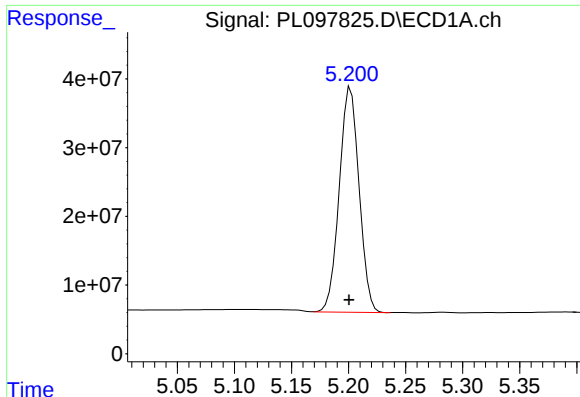
#4 Heptachlor

R.T.: 4.863 min
Delta R.T.: 0.000 min
Response: 448091525
Conc: 56.28 ng/ml



#4 Heptachlor

R.T.: 3.979 min
Delta R.T.: 0.000 min
Response: 578494435
Conc: 55.65 ng/ml



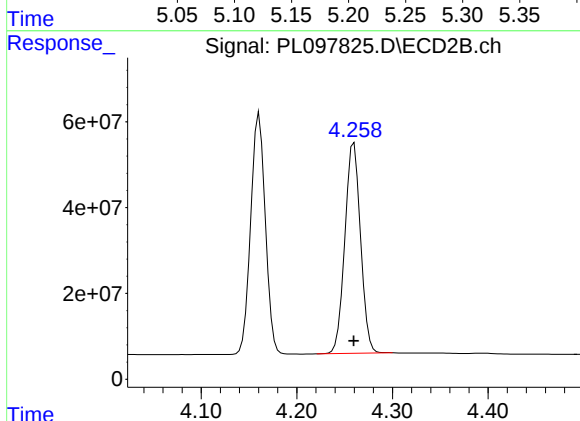
#5 Aldrin

R.T.: 5.202 min
Delta R.T.: 0.001 min
Response: 395933885
Conc: 54.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170884BS

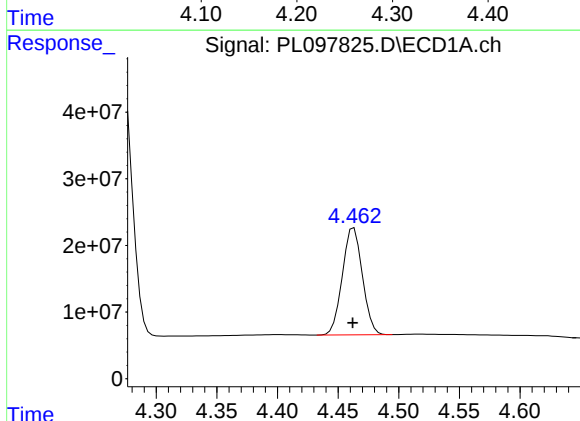
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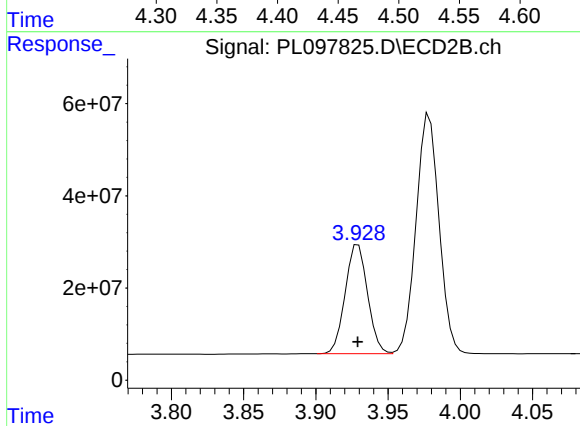
#5 Aldrin

R.T.: 4.260 min
Delta R.T.: 0.000 min
Response: 561403562
Conc: 56.77 ng/ml



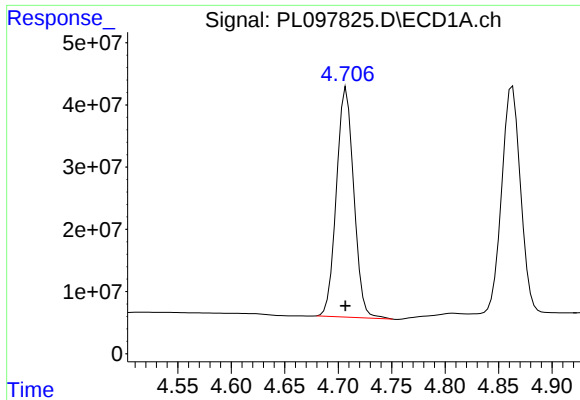
#6 beta-BHC

R.T.: 4.463 min
Delta R.T.: 0.001 min
Response: 184658944
Conc: 55.15 ng/ml



#6 beta-BHC

R.T.: 3.929 min
Delta R.T.: 0.000 min
Response: 254680166
Conc: 54.93 ng/ml



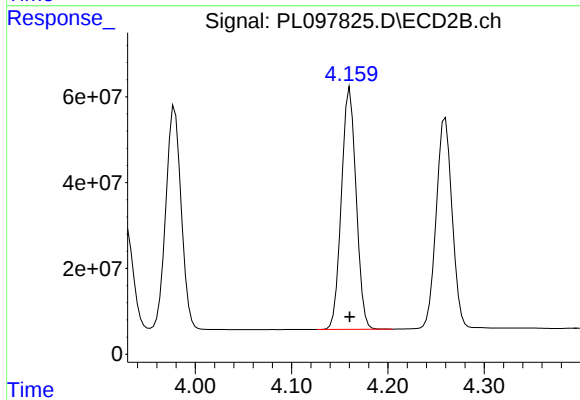
#7 delta-BHC

R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 417651169
Conc: 53.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170884BS

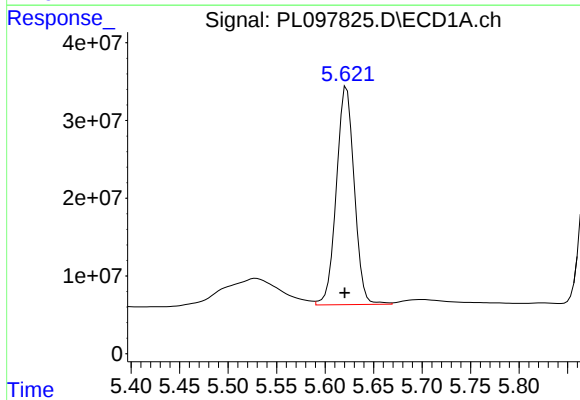
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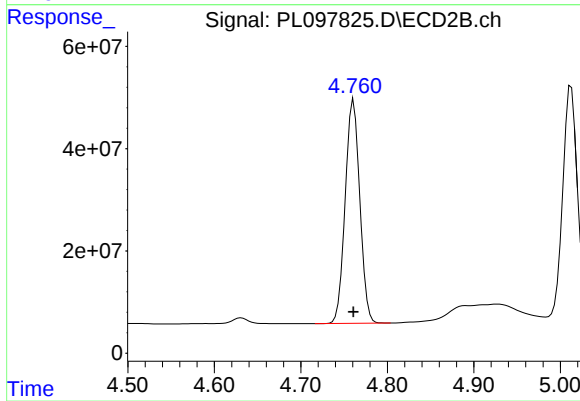
#7 delta-BHC

R.T.: 4.161 min
Delta R.T.: 0.000 min
Response: 595772005
Conc: 55.75 ng/ml



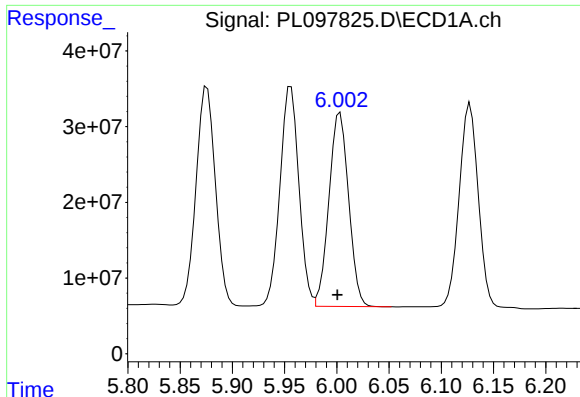
#8 Heptachlor epoxide

R.T.: 5.622 min
Delta R.T.: 0.002 min
Response: 359658582
Conc: 54.06 ng/ml



#8 Heptachlor epoxide

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 510370271
Conc: 56.68 ng/ml



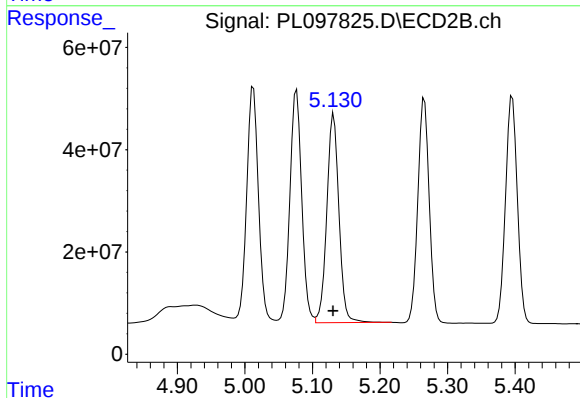
#9 Endosulfan I

R.T.: 6.003 min
Delta R.T.: 0.003 min
Response: 335300803
Conc: 56.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170884BS

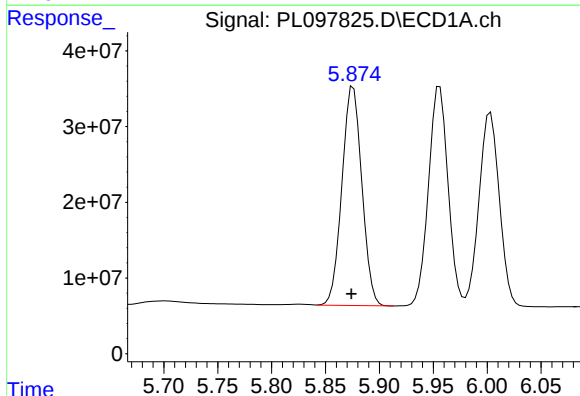
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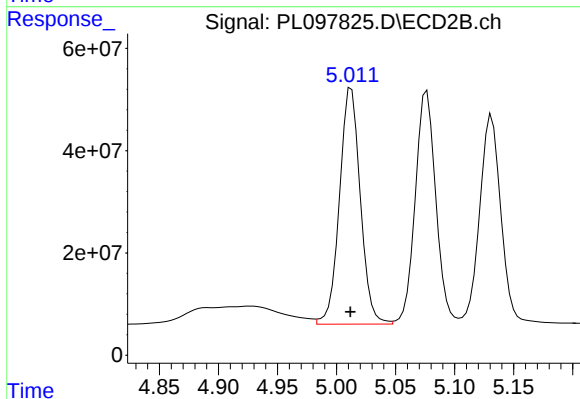
#9 Endosulfan I

R.T.: 5.131 min
Delta R.T.: 0.001 min
Response: 512785761
Conc: 50.33 ng/ml



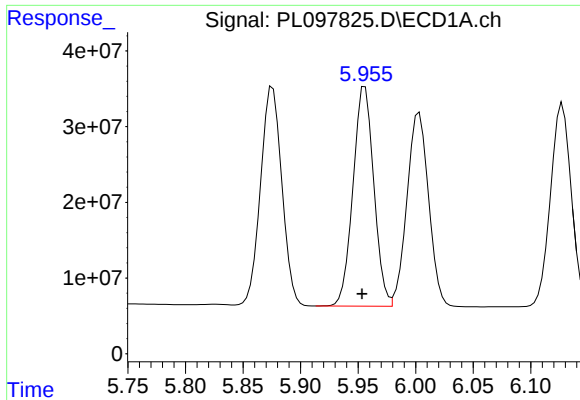
#10 gamma-Chlordane

R.T.: 5.876 min
Delta R.T.: 0.002 min
Response: 372040422
Conc: 57.31 ng/ml



#10 gamma-Chlordane

R.T.: 5.013 min
Delta R.T.: 0.000 min
Response: 568051715
Conc: 55.77 ng/ml



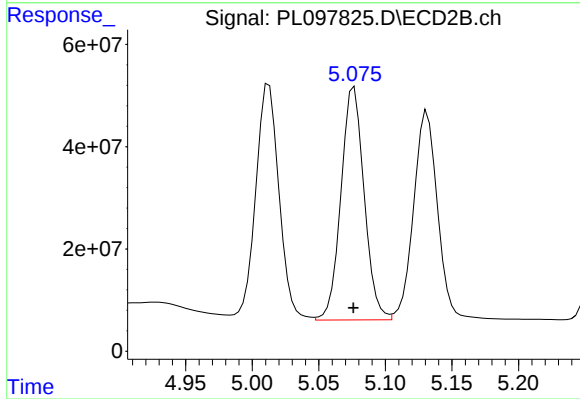
#11 alpha-Chlordane

R.T.: 5.956 min
Delta R.T.: 0.003 min
Response: 367164909
Conc: 56.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170884BS

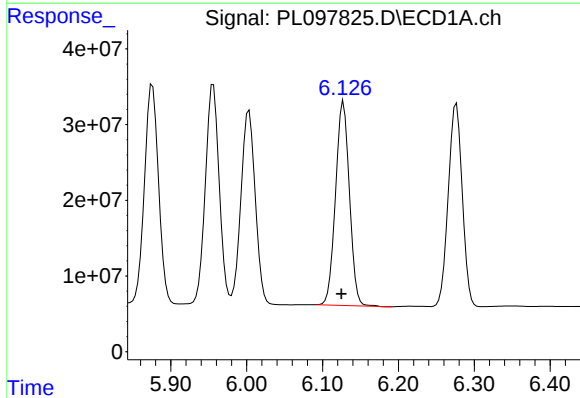
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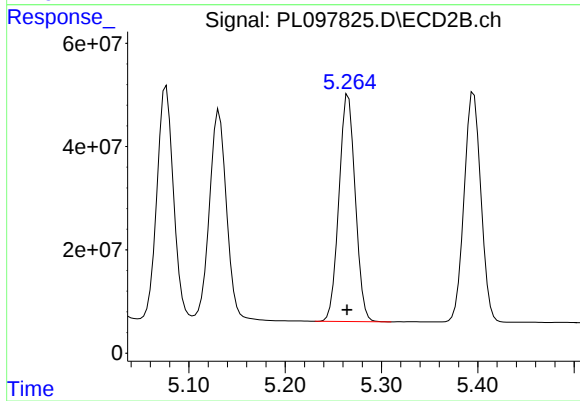
#11 alpha-Chlordane

R.T.: 5.077 min
Delta R.T.: 0.000 min
Response: 552754716
Conc: 53.90 ng/ml



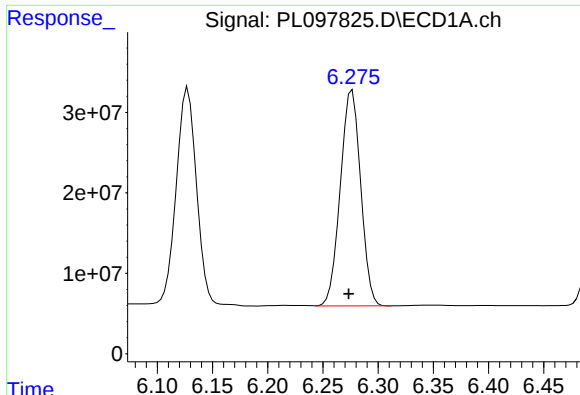
#12 4,4'-DDE

R.T.: 6.128 min
Delta R.T.: 0.003 min
Response: 343422281
Conc: 58.47 ng/ml



#12 4,4'-DDE

R.T.: 5.266 min
Delta R.T.: 0.001 min
Response: 515978333
Conc: 58.56 ng/ml



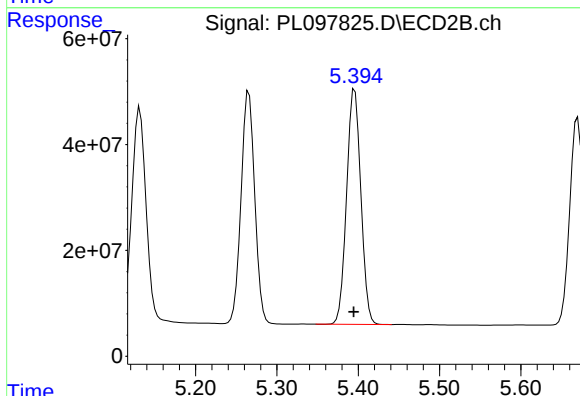
#13 Dieldrin

R.T.: 6.277 min
Delta R.T.: 0.003 min
Response: 344496860
Conc: 56.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170884BS

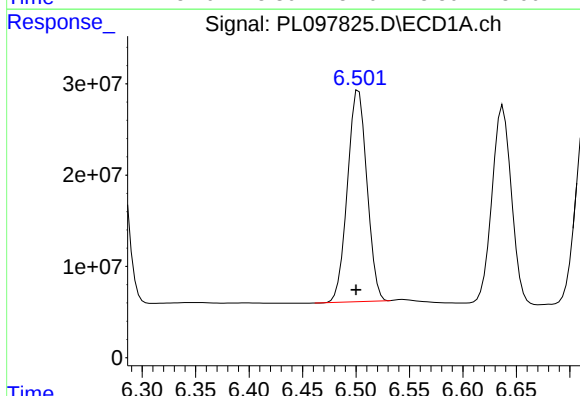
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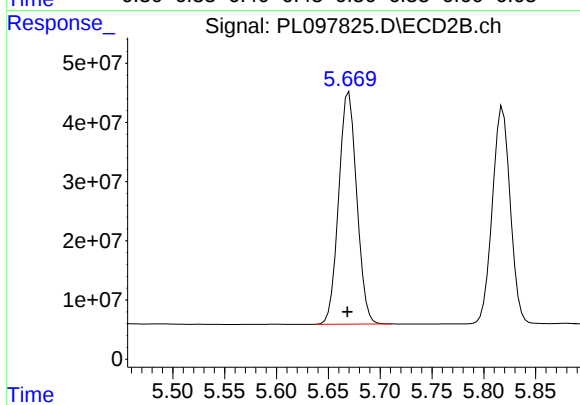
#13 Dieldrin

R.T.: 5.396 min
Delta R.T.: 0.001 min
Response: 539798326
Conc: 57.61 ng/ml



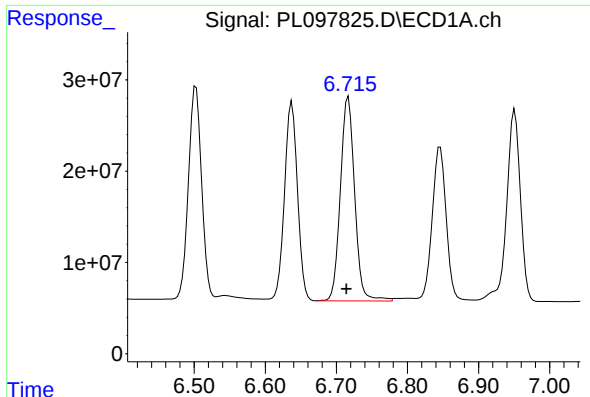
#14 Endrin

R.T.: 6.502 min
Delta R.T.: 0.002 min
Response: 294252943
Conc: 56.81 ng/ml



#14 Endrin

R.T.: 5.670 min
Delta R.T.: 0.001 min
Response: 475801722
Conc: 56.93 ng/ml



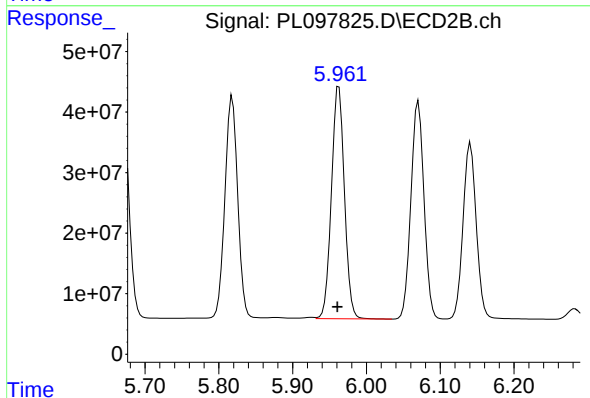
#15 Endosulfan II

R.T.: 6.717 min
Delta R.T.: 0.003 min
Response: 312073786
Conc: 61.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170884BS

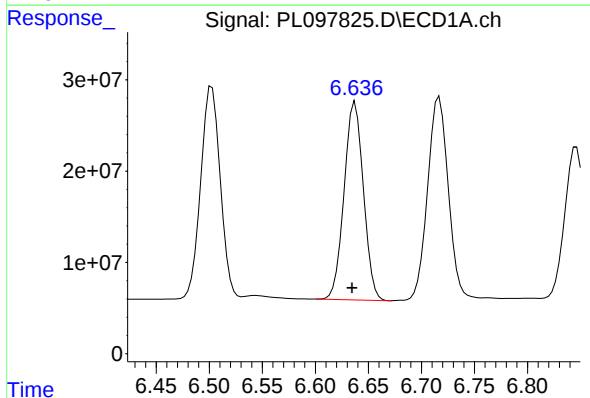
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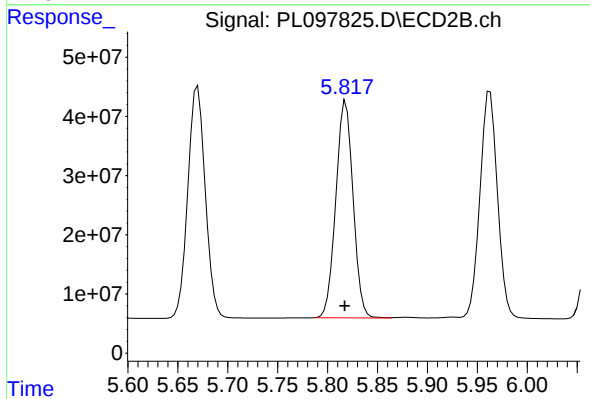
#15 Endosulfan II

R.T.: 5.963 min
Delta R.T.: 0.002 min
Response: 470078628
Conc: 56.79 ng/ml



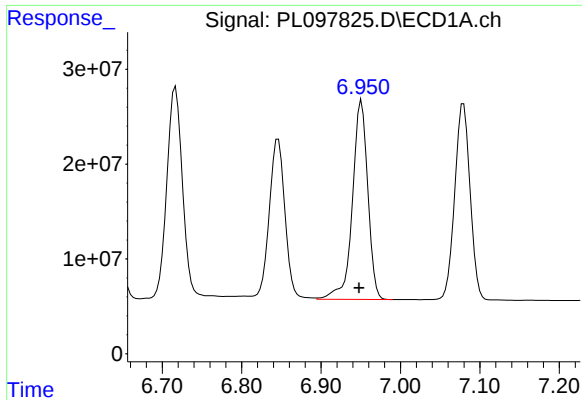
#16 4,4'-DDD

R.T.: 6.637 min
Delta R.T.: 0.003 min
Response: 274287352
Conc: 59.22 ng/ml



#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: 0.001 min
Response: 440590422
Conc: 58.74 ng/ml



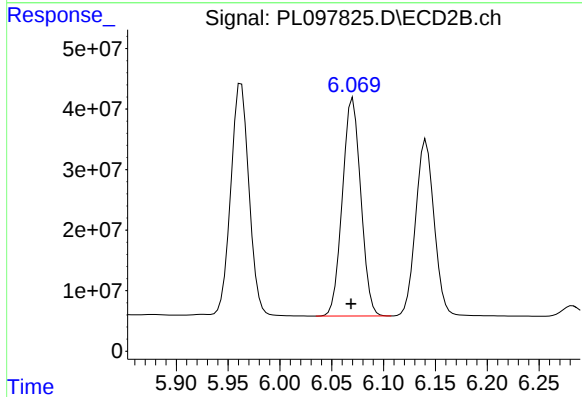
#17 4,4'-DDT

R.T.: 6.951 min
Delta R.T.: 0.003 min
Response: 282533884
Conc: 58.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170884BS

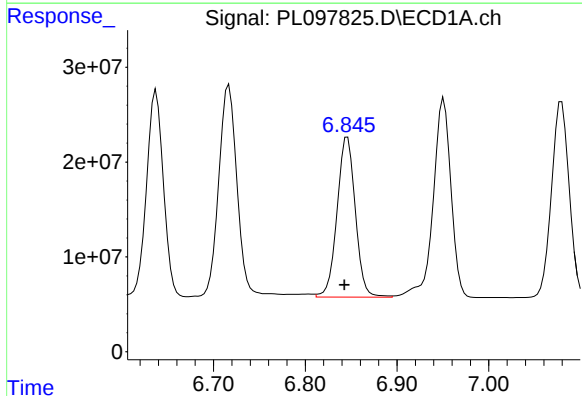
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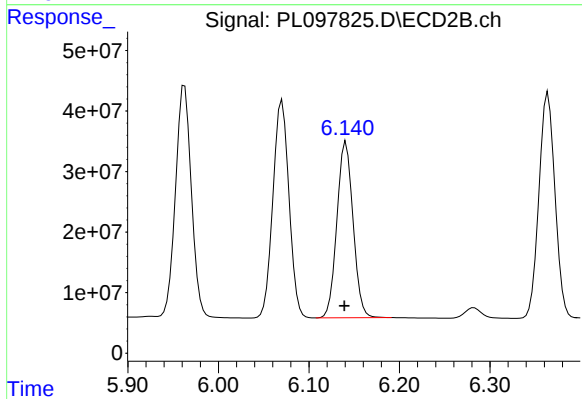
#17 4,4'-DDT

R.T.: 6.070 min
Delta R.T.: 0.002 min
Response: 444302133
Conc: 57.92 ng/ml



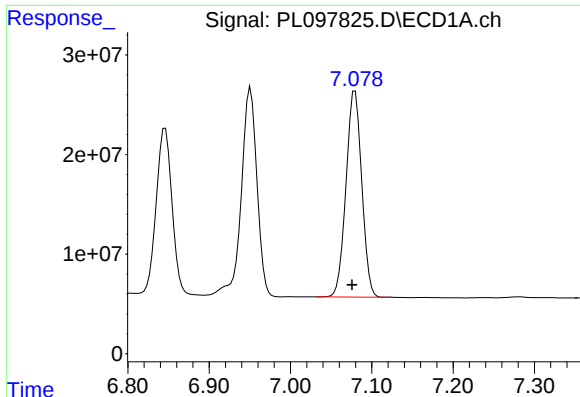
#18 Endrin aldehyde

R.T.: 6.846 min
Delta R.T.: 0.003 min
Response: 233766141
Conc: 59.33 ng/ml



#18 Endrin aldehyde

R.T.: 6.141 min
Delta R.T.: 0.002 min
Response: 360178972
Conc: 56.41 ng/ml



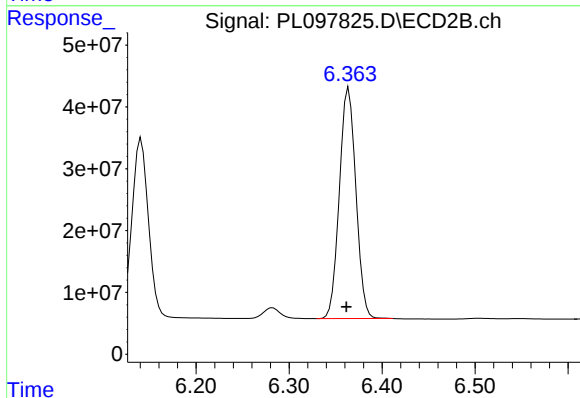
#19 Endosulfan Sulfate

R.T.: 7.079 min
Delta R.T.: 0.004 min
Response: 277506852
Conc: 55.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170884BS

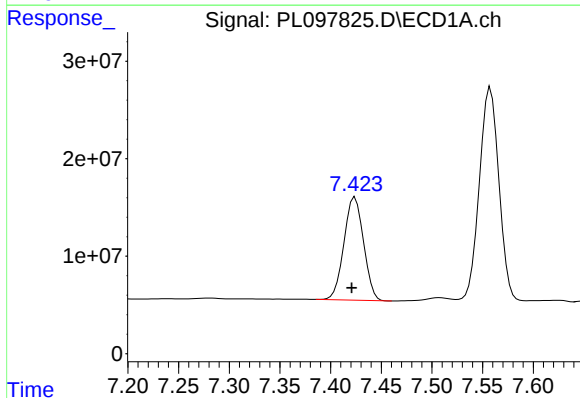
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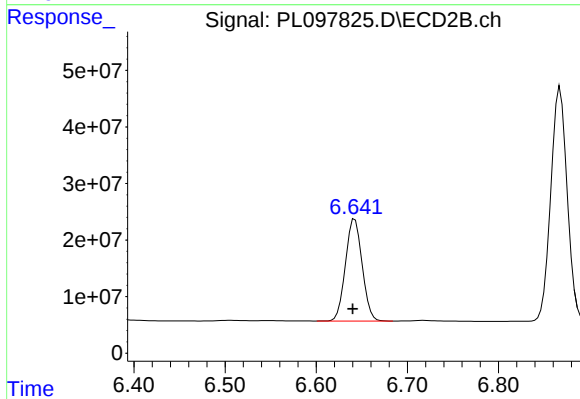
#19 Endosulfan Sulfate

R.T.: 6.364 min
Delta R.T.: 0.002 min
Response: 460683862
Conc: 56.59 ng/ml



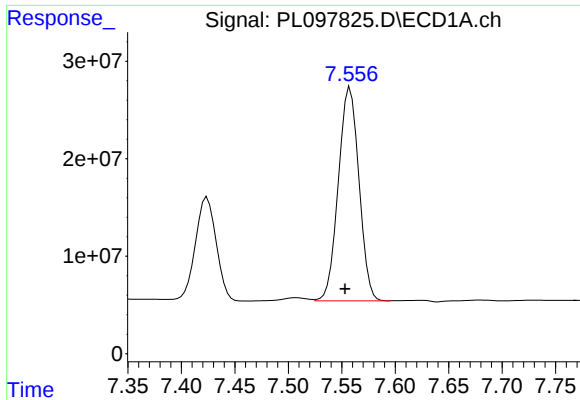
#20 Methoxychlor

R.T.: 7.424 min
Delta R.T.: 0.003 min
Response: 142161014
Conc: 56.48 ng/ml



#20 Methoxychlor

R.T.: 6.642 min
Delta R.T.: 0.002 min
Response: 229559133
Conc: 54.93 ng/ml



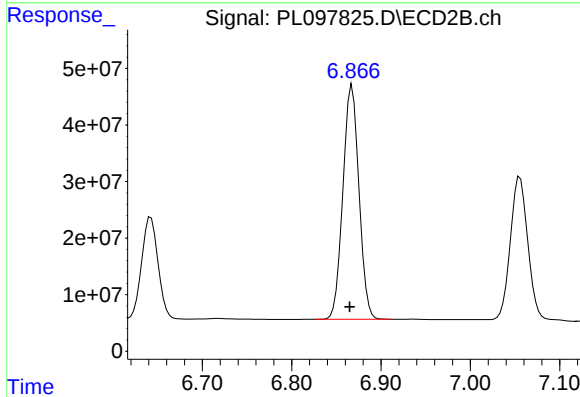
#21 Endrin ketone

R.T.: 7.558 min
Delta R.T.: 0.005 min
Response: 294508482
Conc: 56.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170884BS

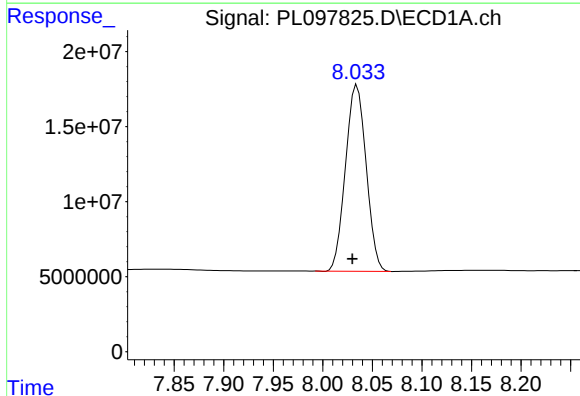
Manual Integrations
APPROVED

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



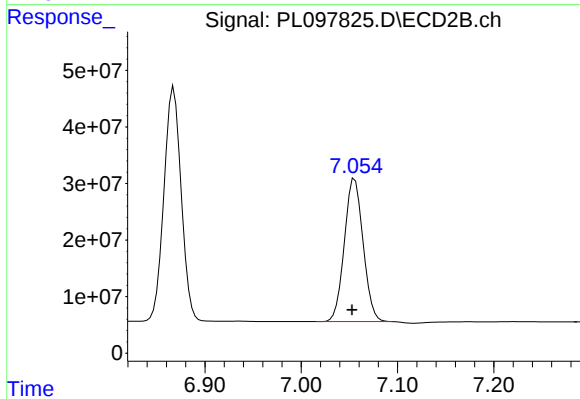
#21 Endrin ketone

R.T.: 6.868 min
Delta R.T.: 0.003 min
Response: 516269990
Conc: 57.87 ng/ml



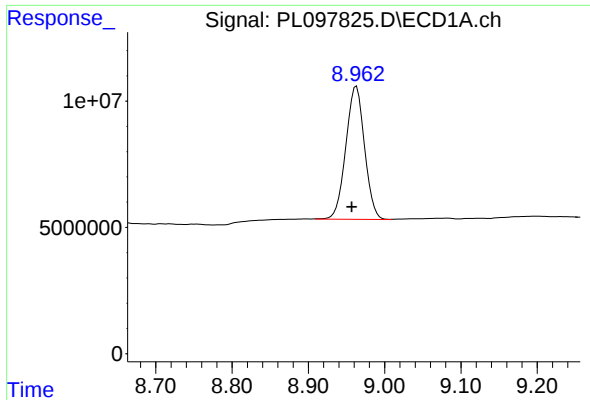
#22 Mirex

R.T.: 8.034 min
Delta R.T.: 0.005 min
Response: 180499230
Conc: 52.33 ng/ml



#22 Mirex

R.T.: 7.056 min
Delta R.T.: 0.003 min
Response: 340723696
Conc: 52.78 ng/ml



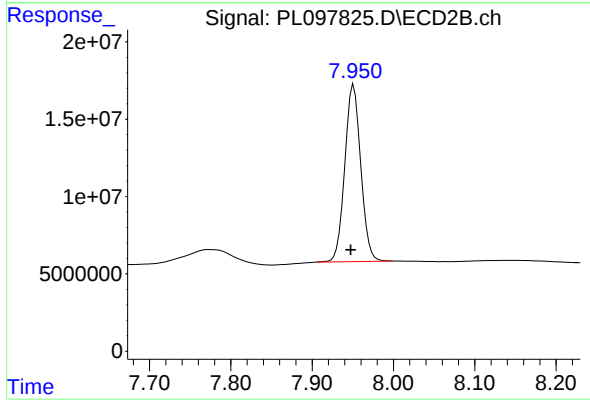
#28 Decachlorobiphenyl

R.T.: 8.962 min
Delta R.T.: 0.005 min
Response: 89803249
Conc: 23.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB170884BS

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: 155710031
Conc: 23.68 ng/ml