

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100225\
 Data File : PL097497.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Oct 2025 13:57
 Operator : AR\AJ
 Sample : PB169952BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB169952BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/03/2025
 Supervised By :mohammad ahmed 10/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 04:59:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:40:25 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...	3.525	2.820	91896452	125.6E6	20.299	19.105
28)	SA Decachlor...	8.998	7.980	78032902	119.3E6	23.847	20.958
Target Compounds							
2)	A alpha-BHC	3.972	3.325	345.2E6	461.1E6	49.410	46.304
3)	MA gamma-BHC...	4.299	3.657	322.4E6	425.5E6	48.752	45.677
4)	MA Heptachlor	4.890	4.004	312.4E6	407.5E6	46.829	43.791
5)	MB Aldrin	5.229	4.286	333.1E6	398.4E6	52.593	45.902
6)	B beta-BHC	4.487	3.953	132.9E6	174.9E6	48.765	43.054
7)	B delta-BHC	4.731	4.185	308.1E6	417.7E6	50.778m	45.437
8)	B Heptachlo...	5.649	4.788	288.0E6	365.0E6	50.113	46.014
9)	A Endosulfan I	6.031	5.159	269.4E6	335.3E6	51.995	43.641
10)	B gamma-Chl...	5.902	5.040	286.8E6	385.1E6	50.736m	44.090
11)	B alpha-Chl...	5.983	5.104	289.1E6	374.0E6	50.906	45.055
12)	B 4,4'-DDE	6.152	5.292	249.4E6	352.2E6	52.341m	45.832
13)	MA Dieldrin	6.303	5.423	279.8E6	385.4E6	51.044	47.129
14)	MA Endrin	6.529	5.699	232.2E6	366.1E6	50.337	48.741
15)	B Endosulfa...	6.742	5.990	238.7E6	326.4E6	48.531m	45.909
16)	A 4,4'-DDD	6.663	5.845	227.8E6	309.2E6	60.418	47.948
17)	MA 4,4'-DDT	6.977	6.097	199.9E6	270.5E6	47.285	39.080
18)	B Endrin al...	6.871	6.168	179.2E6	248.4E6	58.131m	46.548
19)	B Endosulfa...	7.105	6.391	221.4E6	319.8E6	54.236	46.689
20)	A Methoxychlor	7.450	6.669	97119123	148.2E6	46.572	39.326
21)	B Endrin ke...	7.585	6.896	241.5E6	389.9E6	56.894	51.775
22)	Mirex	8.062	7.085	165.0E6	250.5E6	46.475	41.901

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

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Data File : PL097497.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Oct 2025 13:57
Operator : AR\AJ
Sample : PB169952BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

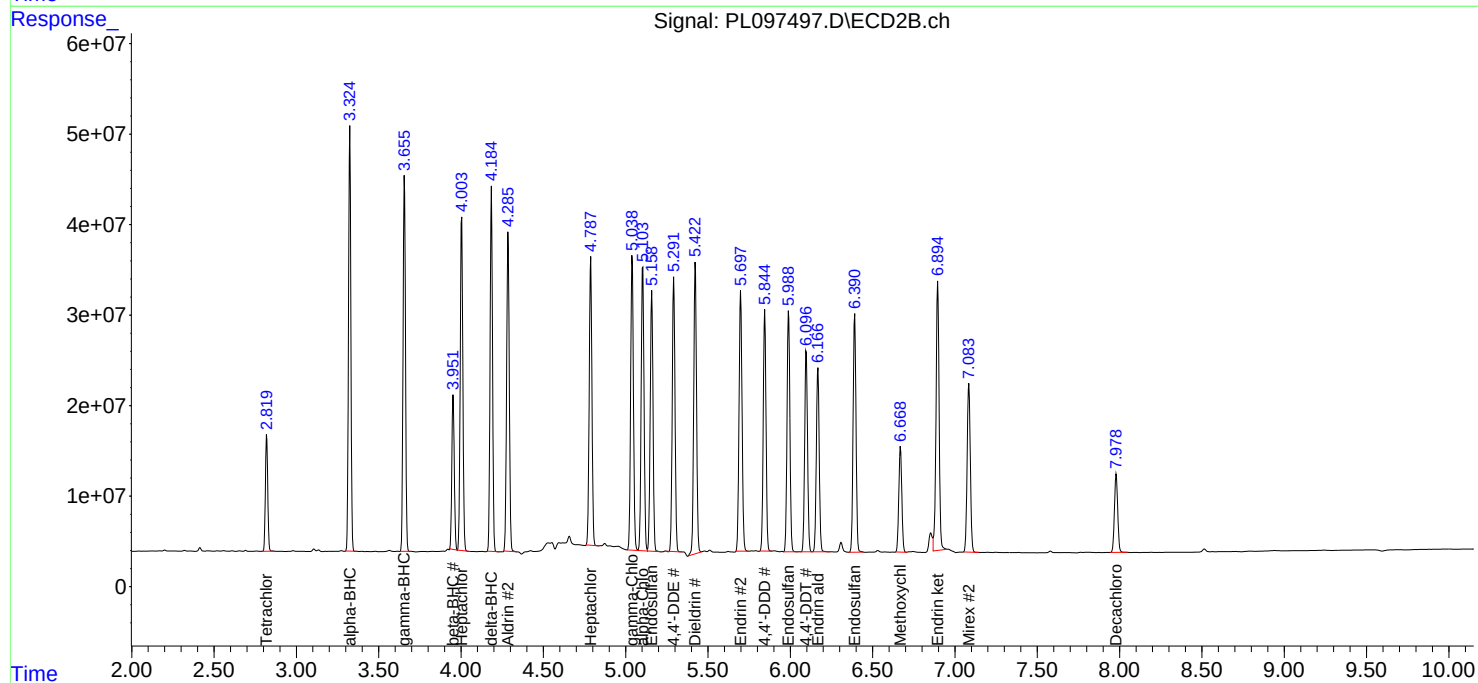
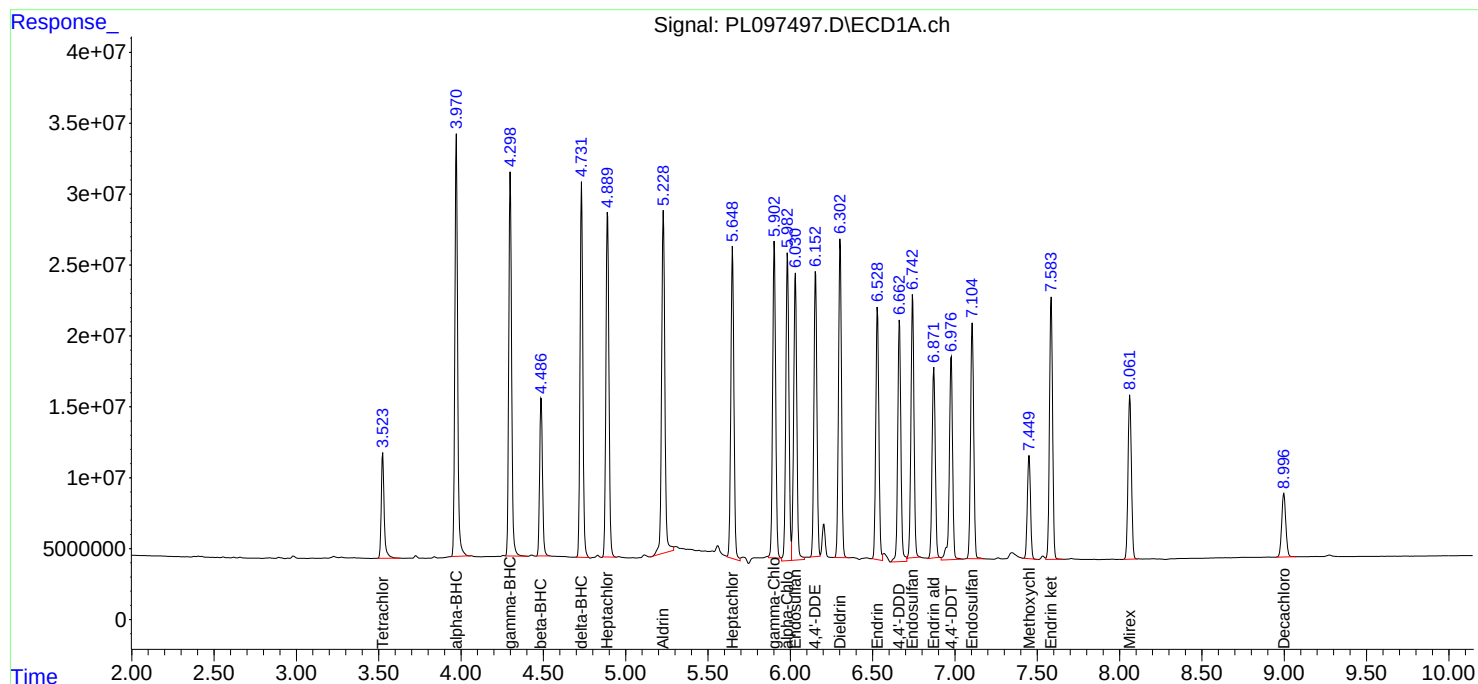
Instrument :
ECD_L
ClientSampleId :
PB169952BS

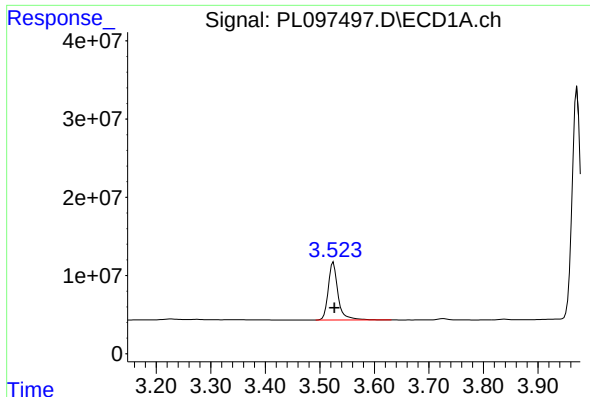
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:59:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092025.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:40:25 2025
Response via : Initial Calibration
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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





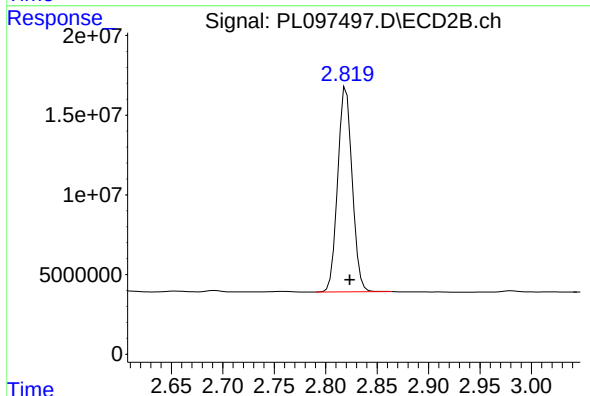
#1 Tetrachloro-m-xylene

R.T.: 3.525 min
Delta R.T.: -0.002 min
Response: 91896452
Conc: 20.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169952BS

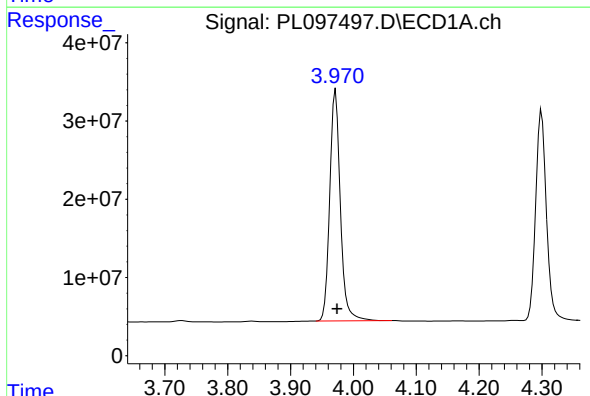
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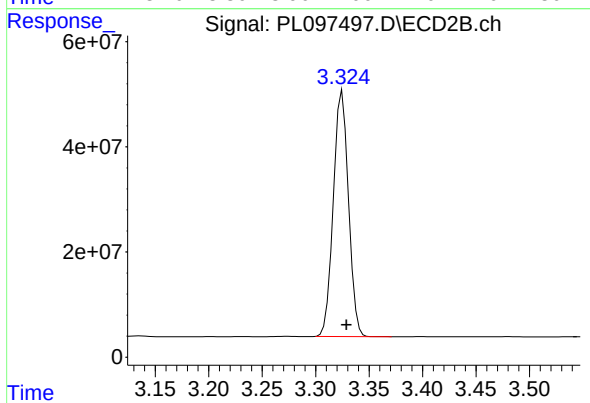
#1 Tetrachloro-m-xylene

R.T.: 2.820 min
Delta R.T.: -0.004 min
Response: 125628566
Conc: 19.11 ng/ml



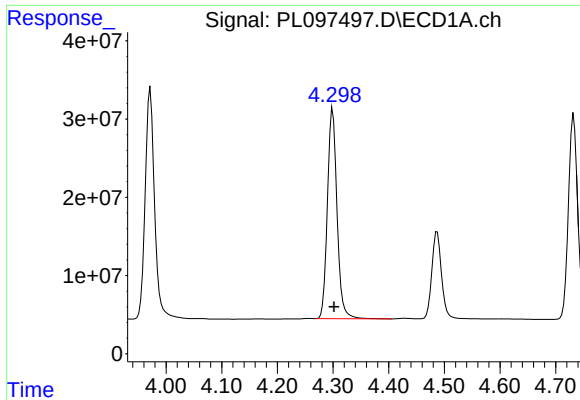
#2 alpha-BHC

R.T.: 3.972 min
Delta R.T.: -0.003 min
Response: 345245856
Conc: 49.41 ng/ml



#2 alpha-BHC

R.T.: 3.325 min
Delta R.T.: -0.004 min
Response: 461074799
Conc: 46.30 ng/ml



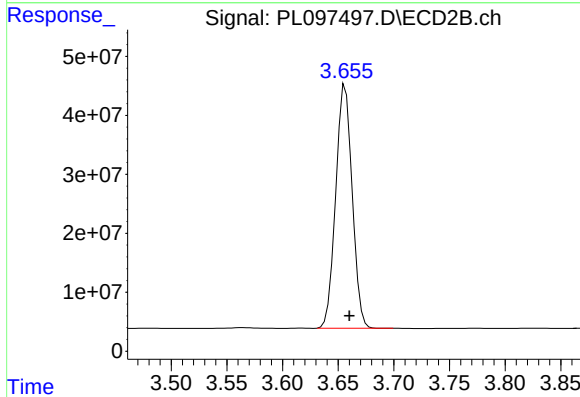
#3 gamma-BHC (Lindane)

R.T.: 4.299 min
Delta R.T.: -0.003 min
Response: 322406162
Conc: 48.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169952BS

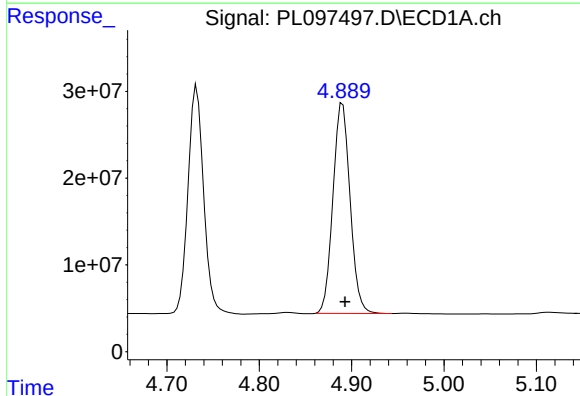
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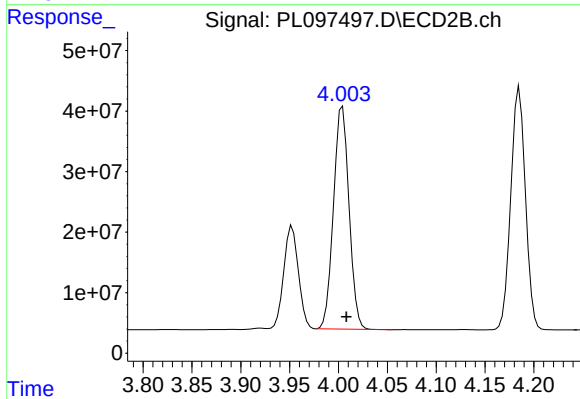
#3 gamma-BHC (Lindane)

R.T.: 3.657 min
Delta R.T.: -0.004 min
Response: 425469605
Conc: 45.68 ng/ml



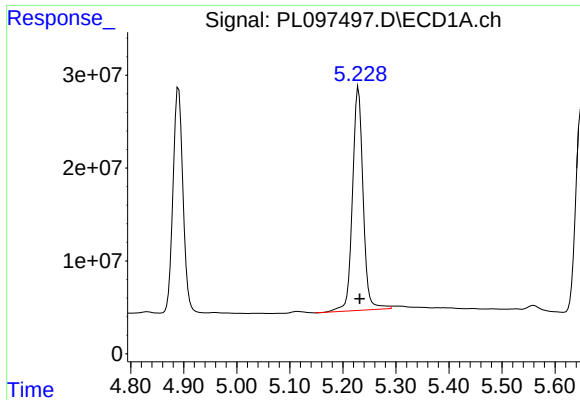
#4 Heptachlor

R.T.: 4.890 min
Delta R.T.: -0.003 min
Response: 312350932
Conc: 46.83 ng/ml



#4 Heptachlor

R.T.: 4.004 min
Delta R.T.: -0.004 min
Response: 407483038
Conc: 43.79 ng/ml



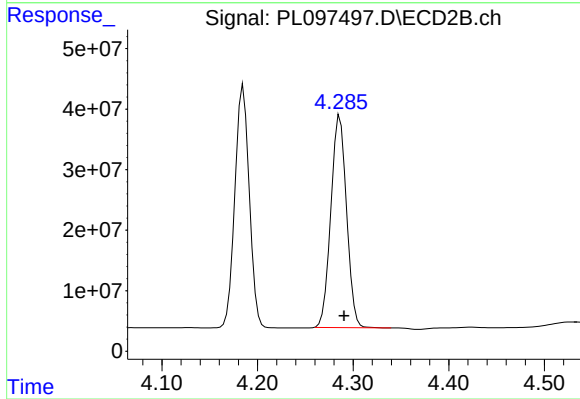
#5 Aldrin

R.T.: 5.229 min
Delta R.T.: -0.003 min
Response: 333114413
Conc: 52.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169952BS

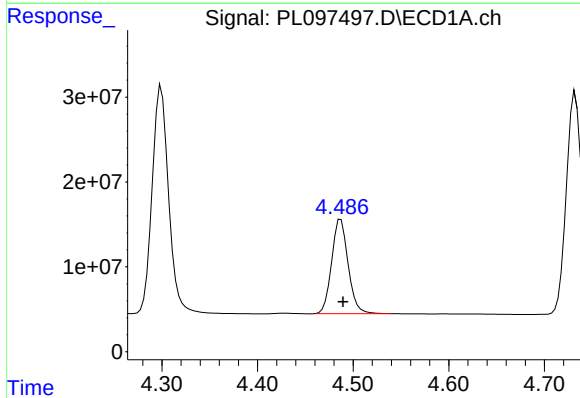
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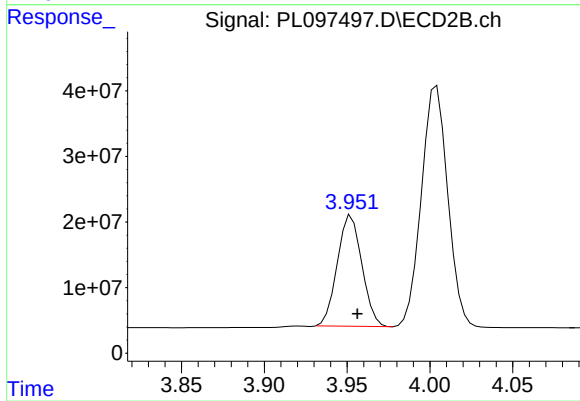
#5 Aldrin

R.T.: 4.286 min
Delta R.T.: -0.004 min
Response: 398400907
Conc: 45.90 ng/ml



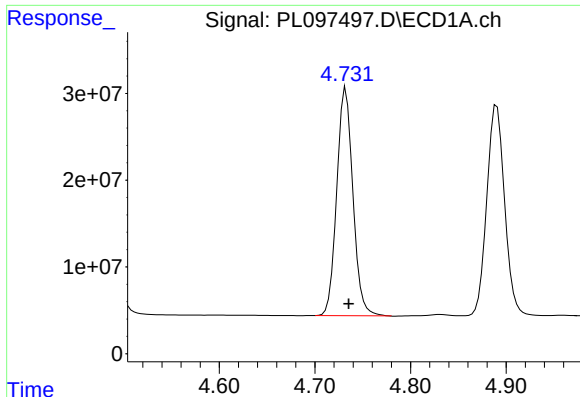
#6 beta-BHC

R.T.: 4.487 min
Delta R.T.: -0.002 min
Response: 132941440
Conc: 48.76 ng/ml



#6 beta-BHC

R.T.: 3.953 min
Delta R.T.: -0.004 min
Response: 174885081
Conc: 43.05 ng/ml



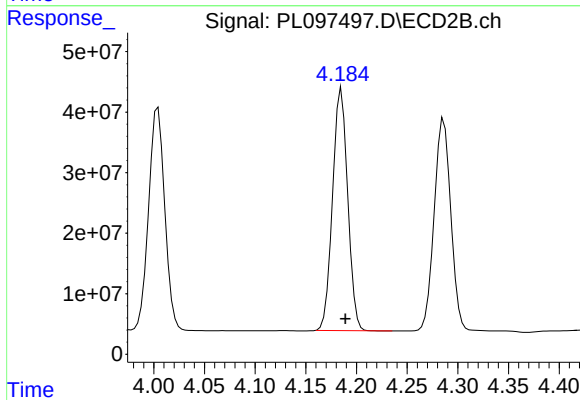
#7 delta-BHC

R.T.: 4.731 min
Delta R.T.: -0.004 min
Response: 308137289
Conc: 50.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169952BS

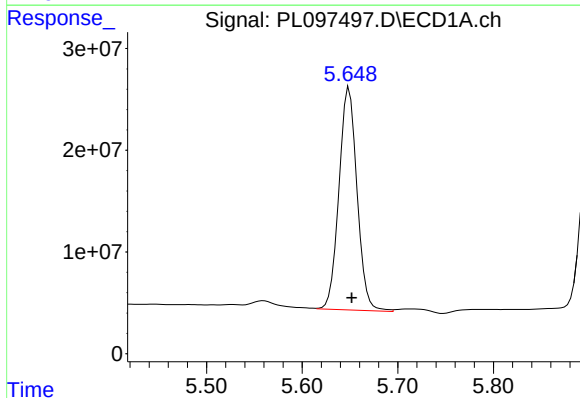
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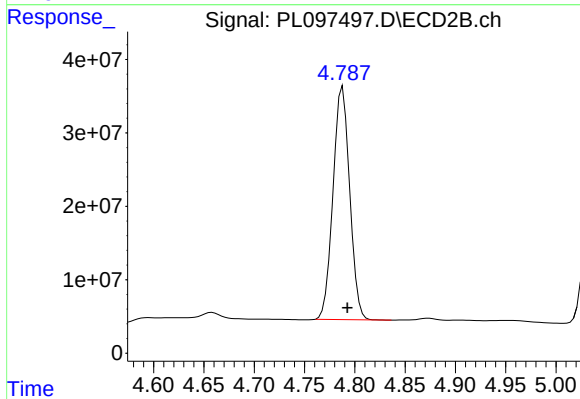
#7 delta-BHC

R.T.: 4.185 min
Delta R.T.: -0.004 min
Response: 417670874
Conc: 45.44 ng/ml



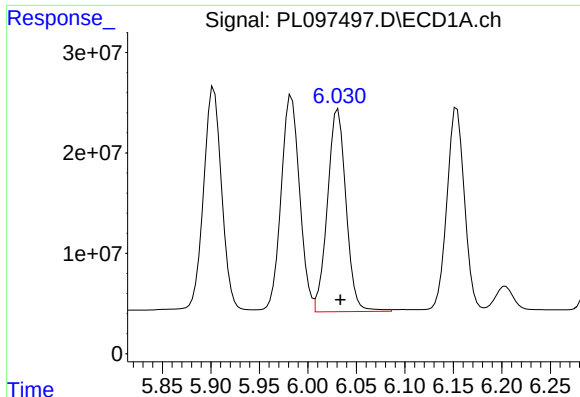
#8 Heptachlor epoxide

R.T.: 5.649 min
Delta R.T.: -0.003 min
Response: 287997108
Conc: 50.11 ng/ml



#8 Heptachlor epoxide

R.T.: 4.788 min
Delta R.T.: -0.005 min
Response: 364964357
Conc: 46.01 ng/ml



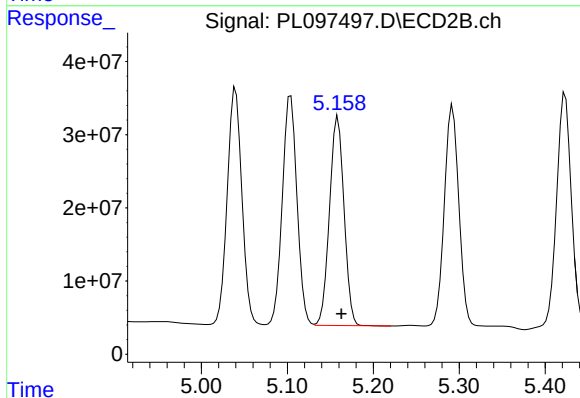
#9 Endosulfan I

R.T.: 6.031 min
Delta R.T.: -0.002 min
Response: 269402407
Conc: 51.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169952BS

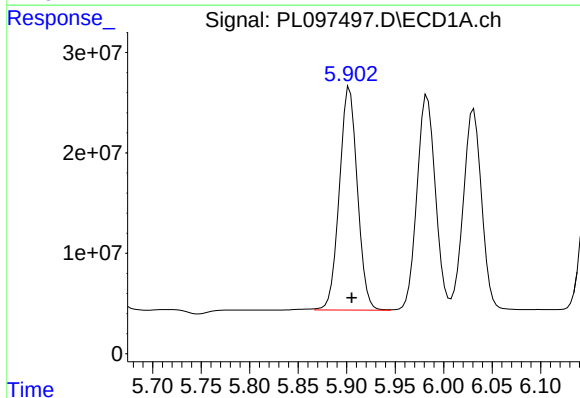
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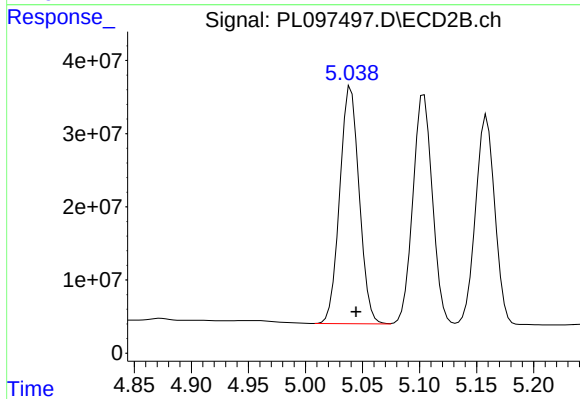
#9 Endosulfan I

R.T.: 5.159 min
Delta R.T.: -0.004 min
Response: 335318296
Conc: 43.64 ng/ml



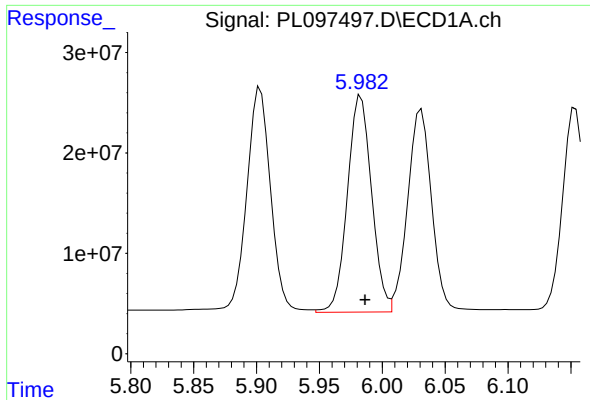
#10 gamma-Chlordane

R.T.: 5.902 min
Delta R.T.: -0.004 min
Response: 286839826
Conc: 50.74 ng/ml m



#10 gamma-Chlordane

R.T.: 5.040 min
Delta R.T.: -0.004 min
Response: 385078354
Conc: 44.09 ng/ml



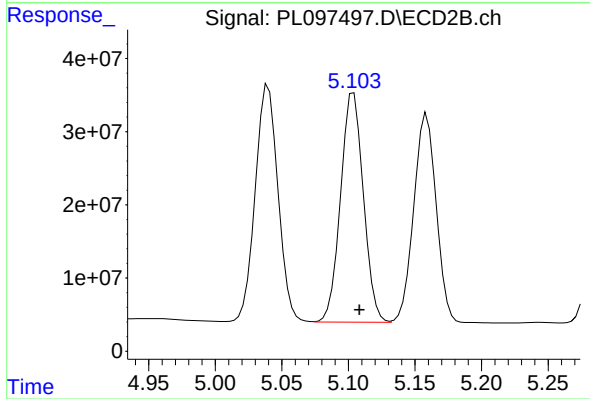
#11 alpha-Chlordane

R.T.: 5.983 min
Delta R.T.: -0.003 min
Response: 289138931
Conc: 50.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169952BS

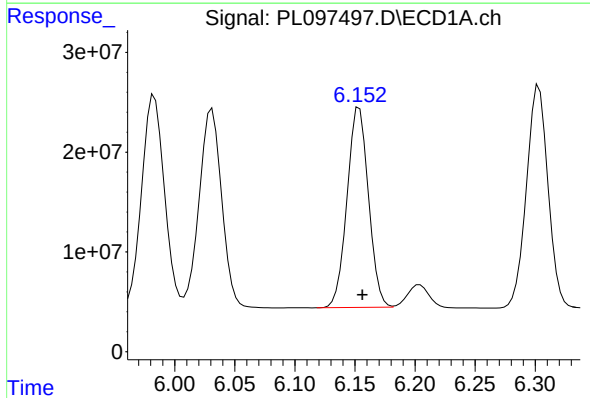
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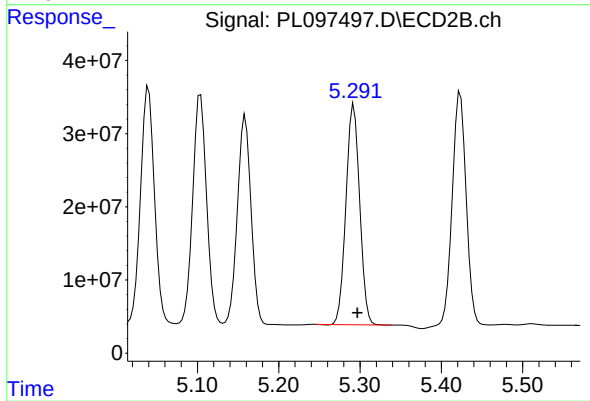
#11 alpha-Chlordane

R.T.: 5.104 min
Delta R.T.: -0.004 min
Response: 373977979
Conc: 45.05 ng/ml



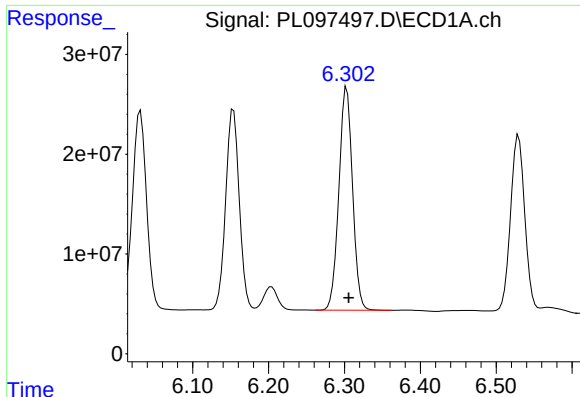
#12 4,4'-DDE

R.T.: 6.152 min
Delta R.T.: -0.004 min
Response: 249390041
Conc: 52.34 ng/ml m



#12 4,4'-DDE

R.T.: 5.292 min
Delta R.T.: -0.004 min
Response: 352204628
Conc: 45.83 ng/ml



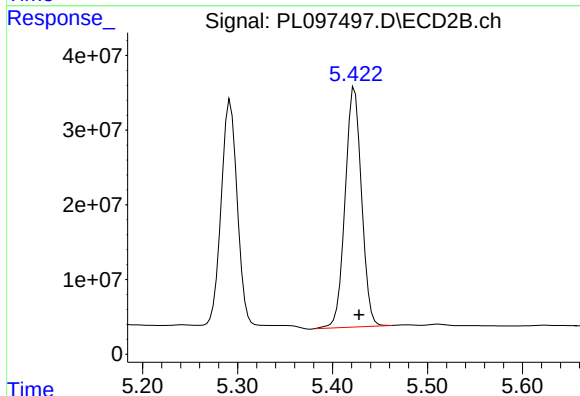
#13 Dieldrin

R.T.: 6.303 min
Delta R.T.: -0.002 min
Response: 279833386
Conc: 51.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169952BS

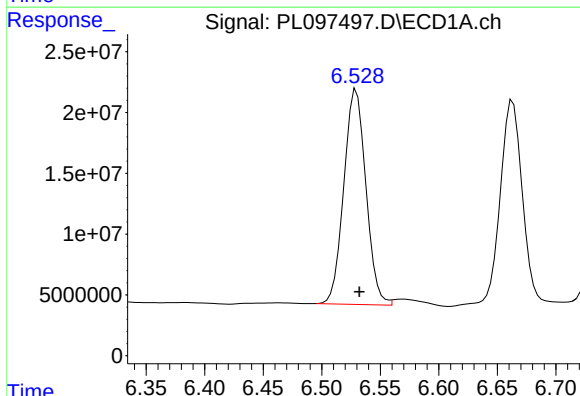
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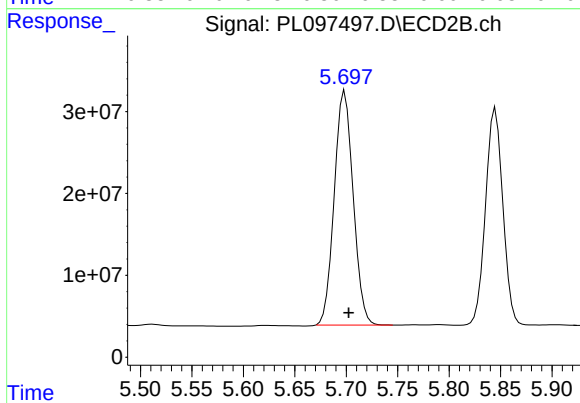
#13 Dieldrin

R.T.: 5.423 min
Delta R.T.: -0.005 min
Response: 385363262
Conc: 47.13 ng/ml



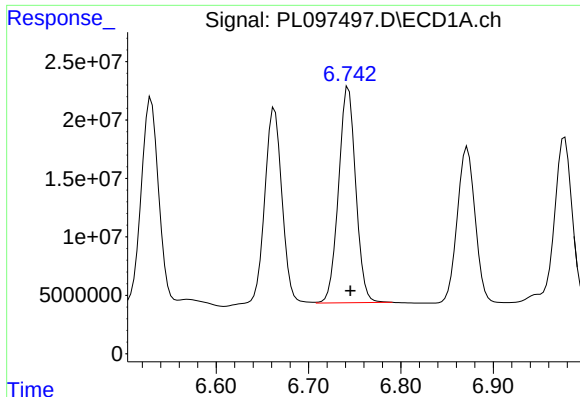
#14 Endrin

R.T.: 6.529 min
Delta R.T.: -0.003 min
Response: 232210764
Conc: 50.34 ng/ml



#14 Endrin

R.T.: 5.699 min
Delta R.T.: -0.004 min
Response: 366069120
Conc: 48.74 ng/ml



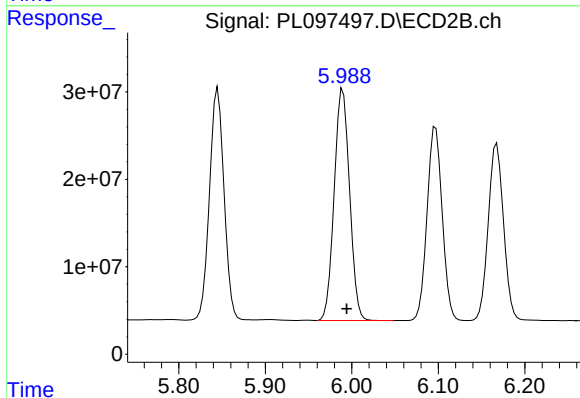
#15 Endosulfan II

R.T.: 6.742 min
Delta R.T.: -0.003 min
Response: 238692565
Conc: 48.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169952BS

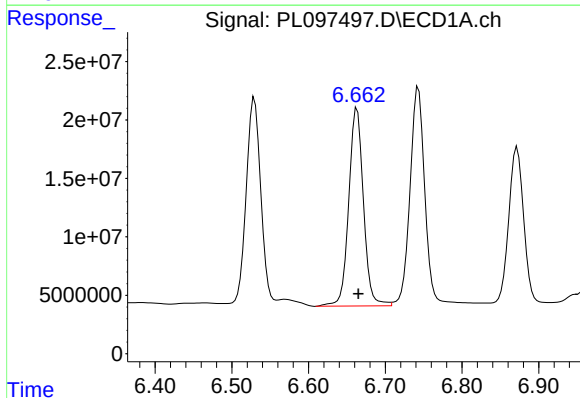
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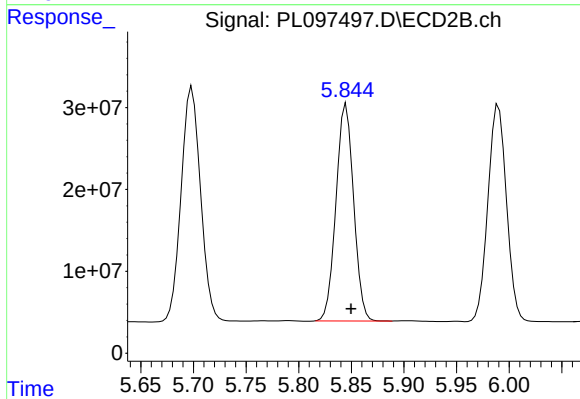
#15 Endosulfan II

R.T.: 5.990 min
Delta R.T.: -0.005 min
Response: 326377908
Conc: 45.91 ng/ml



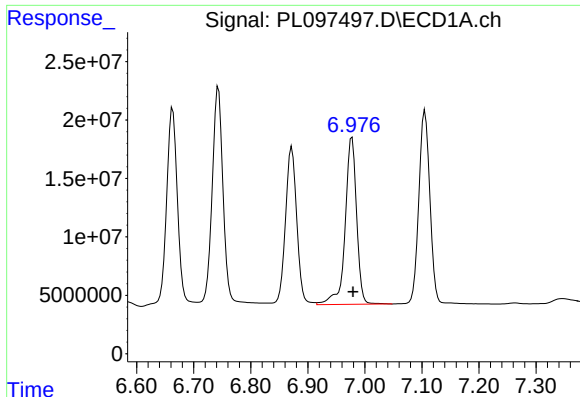
#16 4,4'-DDD

R.T.: 6.663 min
Delta R.T.: -0.002 min
Response: 227810578
Conc: 60.42 ng/ml



#16 4,4'-DDD

R.T.: 5.845 min
Delta R.T.: -0.005 min
Response: 309222892
Conc: 47.95 ng/ml



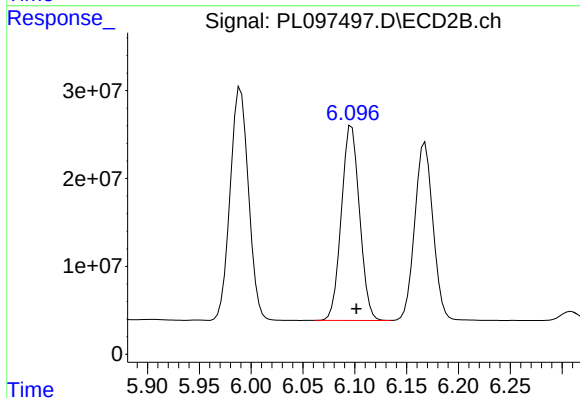
#17 4,4'-DDT

R.T.: 6.977 min
Delta R.T.: -0.002 min
Response: 199882814
Conc: 47.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169952BS

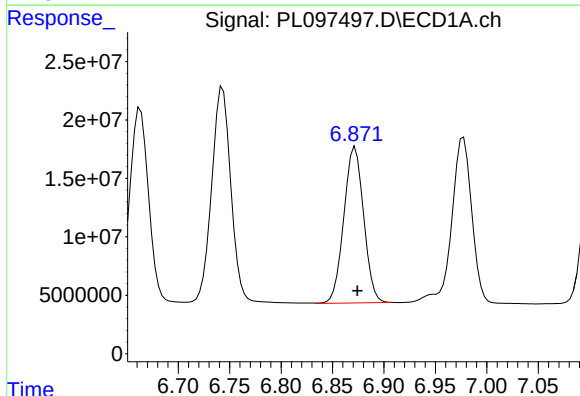
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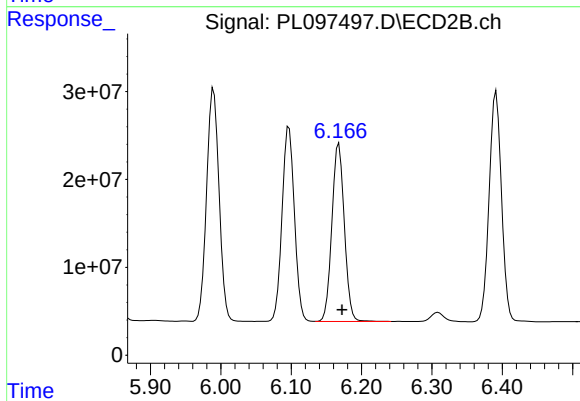
#17 4,4'-DDT

R.T.: 6.097 min
Delta R.T.: -0.005 min
Response: 270455217
Conc: 39.08 ng/ml



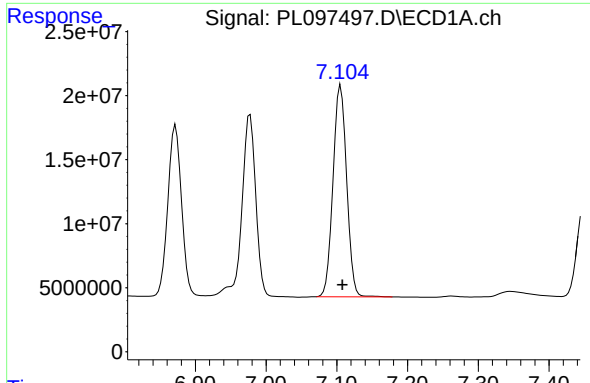
#18 Endrin aldehyde

R.T.: 6.871 min
Delta R.T.: -0.004 min
Response: 179206408
Conc: 58.13 ng/ml m



#18 Endrin aldehyde

R.T.: 6.168 min
Delta R.T.: -0.005 min
Response: 248448181
Conc: 46.55 ng/ml



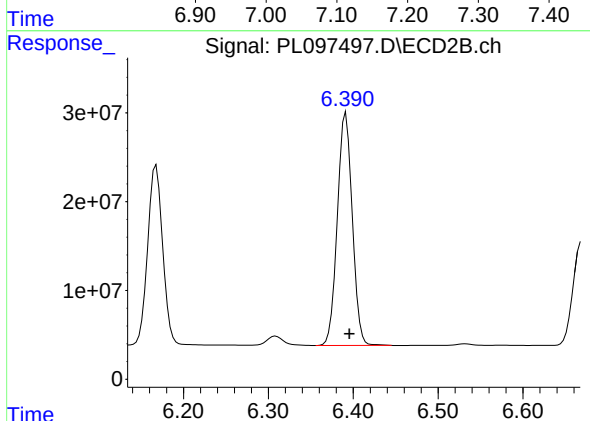
#19 Endosulfan Sulfate

R.T.: 7.105 min
Delta R.T.: -0.002 min
Response: 221429474
Conc: 54.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169952BS

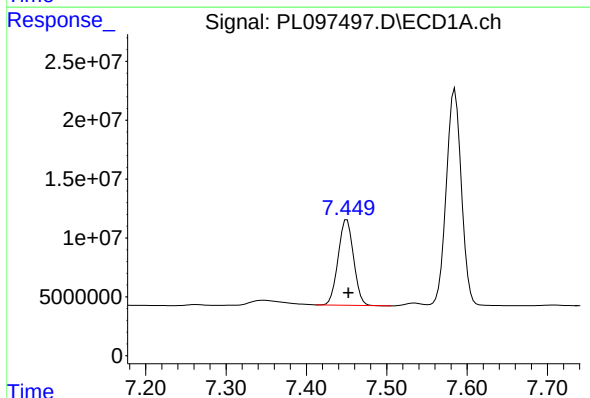
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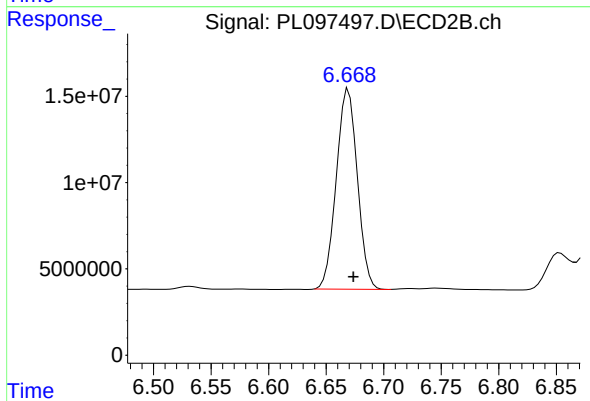
#19 Endosulfan Sulfate

R.T.: 6.391 min
Delta R.T.: -0.004 min
Response: 319811875
Conc: 46.69 ng/ml



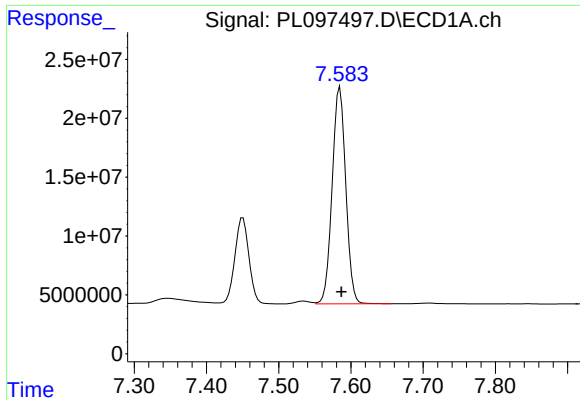
#20 Methoxychlor

R.T.: 7.450 min
Delta R.T.: -0.002 min
Response: 97119123
Conc: 46.57 ng/ml



#20 Methoxychlor

R.T.: 6.669 min
Delta R.T.: -0.005 min
Response: 148237931
Conc: 39.33 ng/ml



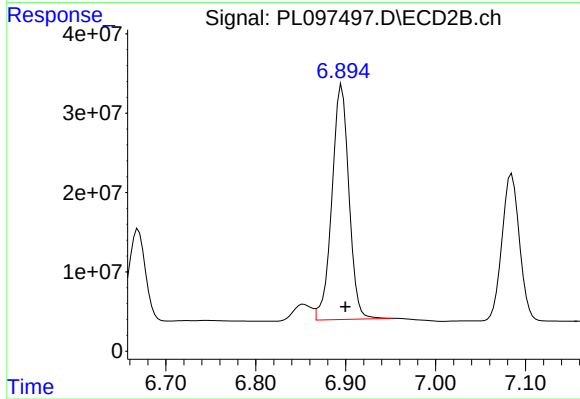
#21 Endrin ketone

R.T.: 7.585 min
Delta R.T.: -0.002 min
Response: 241478243
Conc: 56.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169952BS

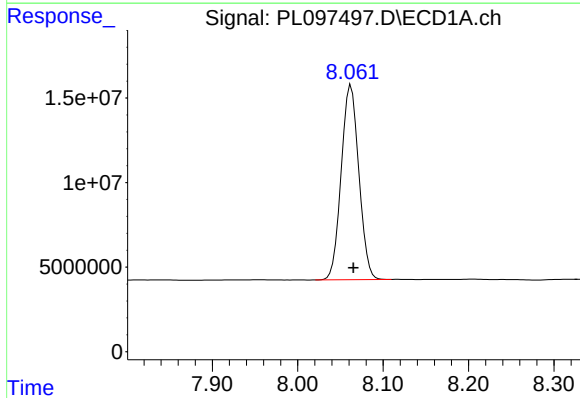
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/04/2025



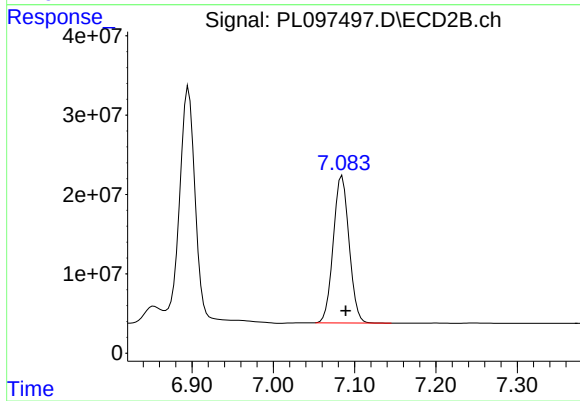
#21 Endrin ketone

R.T.: 6.896 min
Delta R.T.: -0.004 min
Response: 389878844
Conc: 51.77 ng/ml



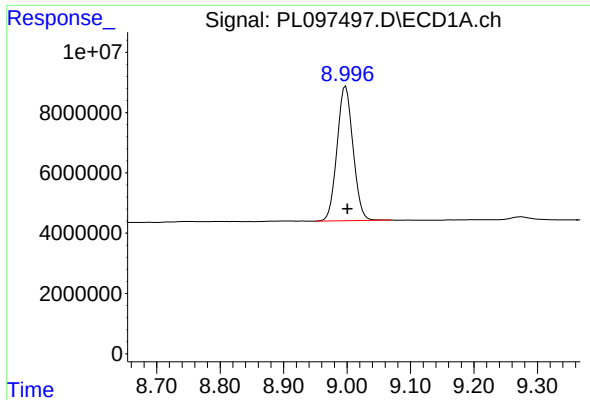
#22 Mirex

R.T.: 8.062 min
Delta R.T.: -0.003 min
Response: 164998669
Conc: 46.47 ng/ml



#22 Mirex

R.T.: 7.085 min
Delta R.T.: -0.005 min
Response: 250515526
Conc: 41.90 ng/ml



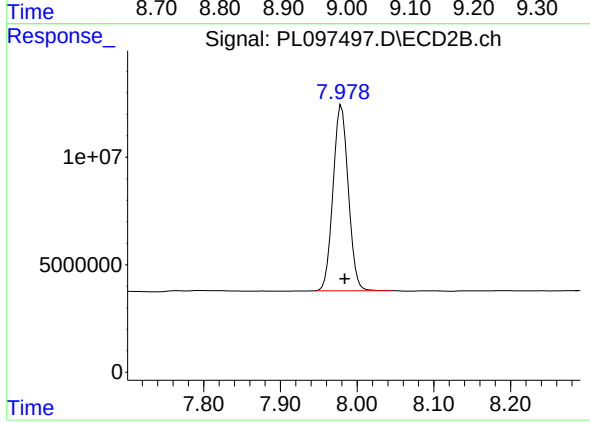
#28 Decachlorobiphenyl

R.T.: 8.998 min
Delta R.T.: -0.003 min
Response: 78032902
Conc: 23.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB169952BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/04/2025



#28 Decachlorobiphenyl

R.T.: 7.980 min
Delta R.T.: -0.004 min
Response: 119282614
Conc: 20.96 ng/ml