

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091025\
 Data File : PL097113.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Sep 2025 17:13
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/10/2025
 Supervised By :mohammad ahmed 09/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 10 06:33:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 21 06:34:01 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...	3.528	2.824	191.3E6	258.8E6	48.506	45.908
2)	SA Decachlor...	9.000	7.982	152.6E6	249.9E6	51.554	52.116
Target Compounds							
2)	A alpha-BHC	3.975	3.329	291.3E6	392.6E6	50.275	47.809
3)	MA gamma-BHC...	4.303	3.660	273.8E6	365.3E6	50.139	49.586
4)	MA Heptachlor	4.893	4.008	264.5E6	352.1E6	49.604	46.800
5)	MB Aldrin	5.232	4.290	261.1E6	340.1E6	49.692	48.356
6)	B beta-BHC	4.489	3.956	111.5E6	155.8E6	48.736	47.765
7)	B delta-BHC	4.735	4.189	253.1E6	357.2E6	56.245	48.601
8)	B Heptachlo...	5.652	4.792	238.0E6	309.1E6	46.253	48.876
9)	A Endosulfan I	6.033	5.162	211.9E6	286.7E6	49.318	47.858
10)	B gamma-Chl...	5.904	5.043	232.1E6	323.8E6	50.386m	48.978
11)	B alpha-Chl...	5.985	5.108	229.7E6	318.2E6	48.821	48.734
12)	B 4,4'-DDE	6.156	5.295	191.4E6	301.1E6	47.977	48.917m
13)	MA Dieldrin	6.306	5.425	222.4E6	318.6E6	48.980	48.618m
14)	MA Endrin	6.532	5.701	169.2E6	266.5E6	45.183	45.117
15)	B Endosulfa...	6.745	5.993	195.9E6	277.2E6	44.464	48.476
16)	A 4,4'-DDD	6.665	5.848	158.2E6	258.5E6	50.122	49.507
17)	MA 4,4'-DDT	6.979	6.100	156.7E6	248.8E6	44.742	45.424
18)	B Endrin al...	6.873	6.171	133.2E6	203.2E6	51.207	48.776
19)	B Endosulfa...	7.106	6.394	164.5E6	266.7E6	47.901m	47.601
20)	A Methoxychlor	7.451	6.672	75512285	133.3E6	43.510	44.430
21)	B Endrin ke...	7.586	6.898	183.0E6	319.2E6	51.469	50.992
22)	Mirex	8.065	7.088	145.1E6	236.7E6	48.493	48.734

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091025\
Data File : PL097113.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Sep 2025 17:13
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

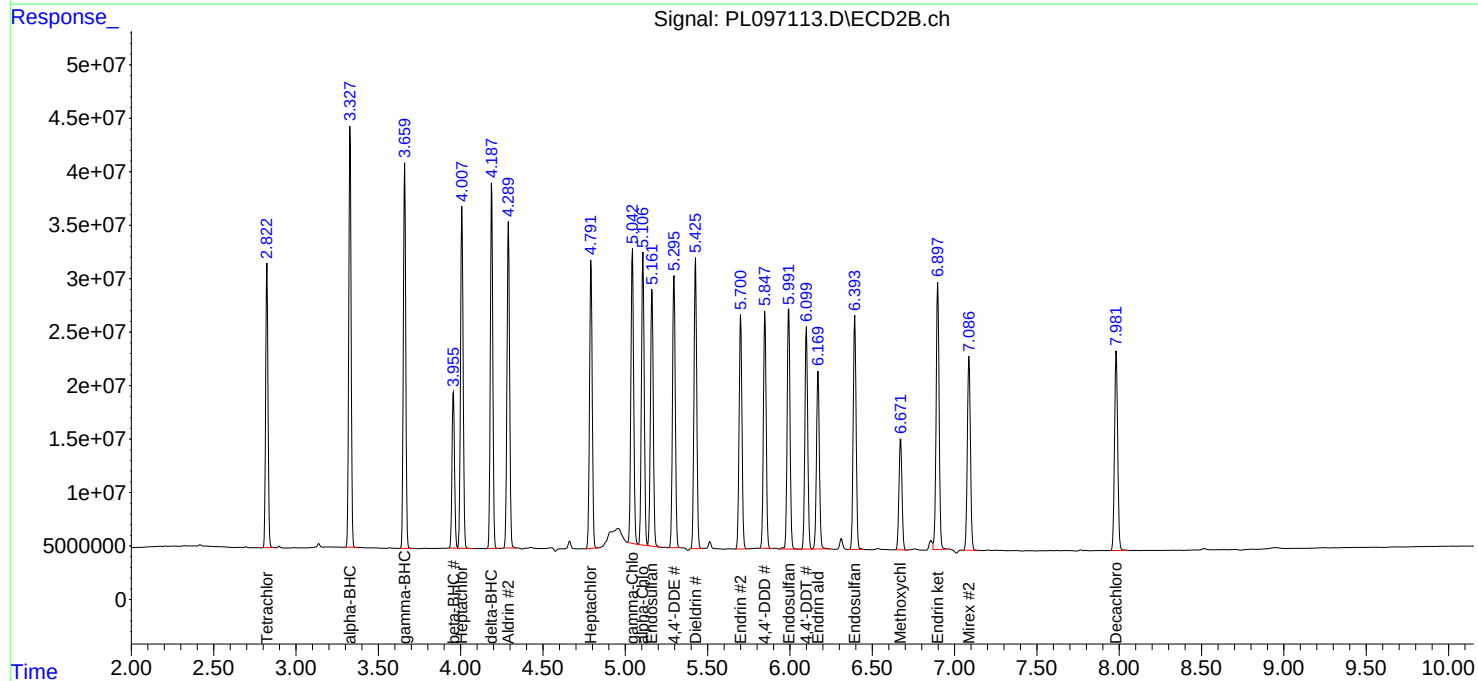
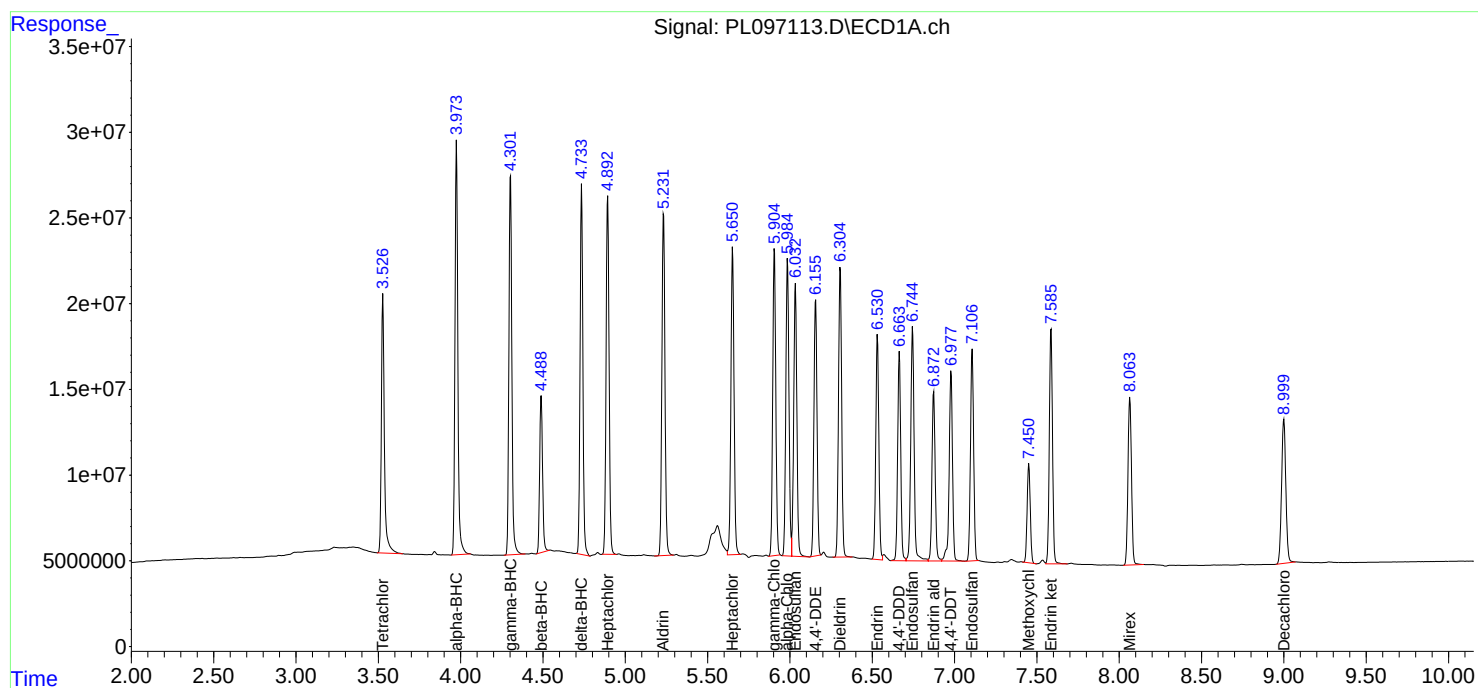
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

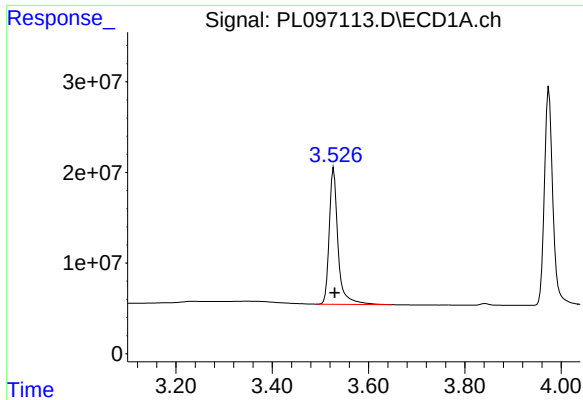
Manual Integrations
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Supervised By :mohammad ahmed 09/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 10 06:33:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082025.M
Quant Title : GC Extractables
QLast Update : Thu Aug 21 06:34:01 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





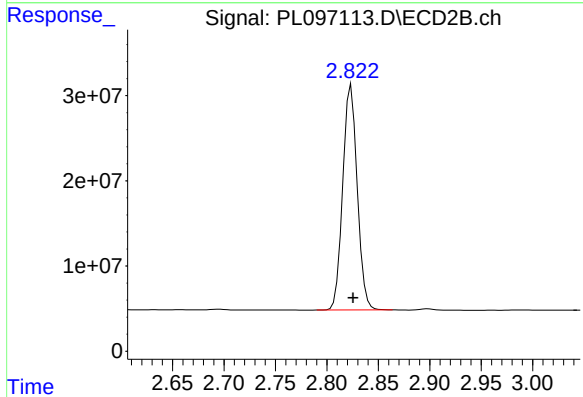
#1 Tetrachloro-m-xylene

R.T.: 3.528 min
Delta R.T.: -0.002 min
Response: 191299995
Conc: 48.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

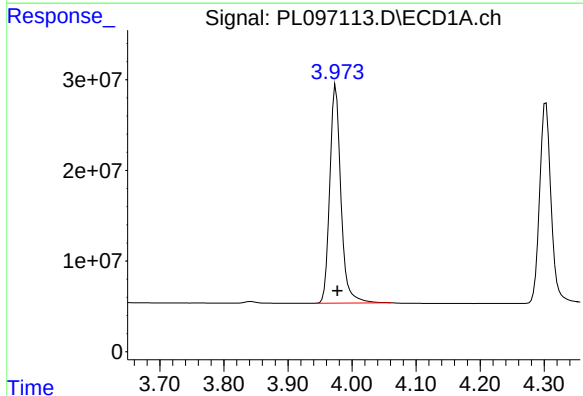
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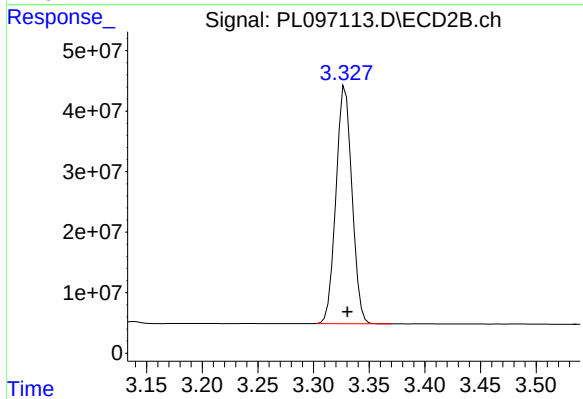
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: -0.002 min
Response: 258767780
Conc: 45.91 ng/ml



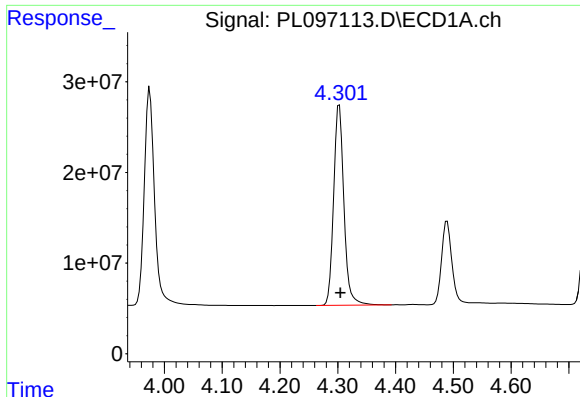
#2 alpha-BHC

R.T.: 3.975 min
Delta R.T.: -0.002 min
Response: 291297228
Conc: 50.28 ng/ml



#2 alpha-BHC

R.T.: 3.329 min
Delta R.T.: -0.002 min
Response: 392569593
Conc: 47.81 ng/ml



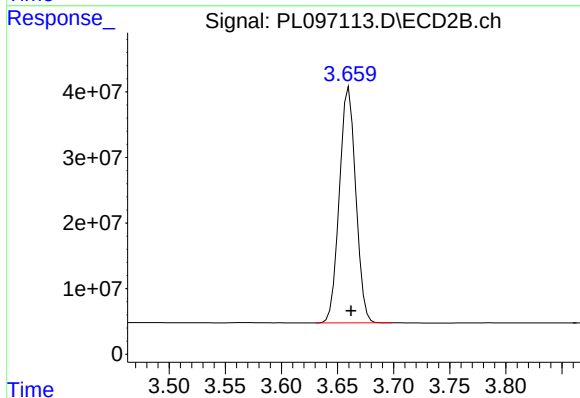
#3 gamma-BHC (Lindane)

R.T.: 4.303 min
Delta R.T.: -0.002 min
Response: 273848610
Conc: 50.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

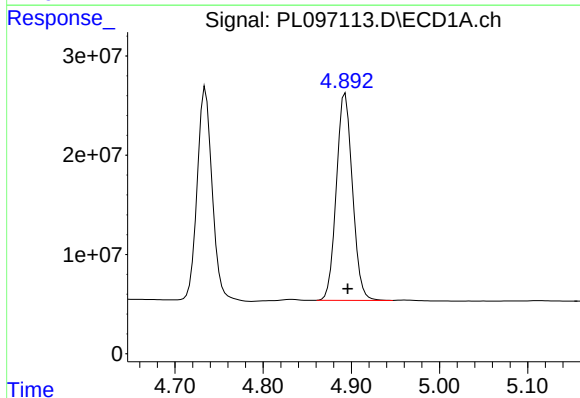
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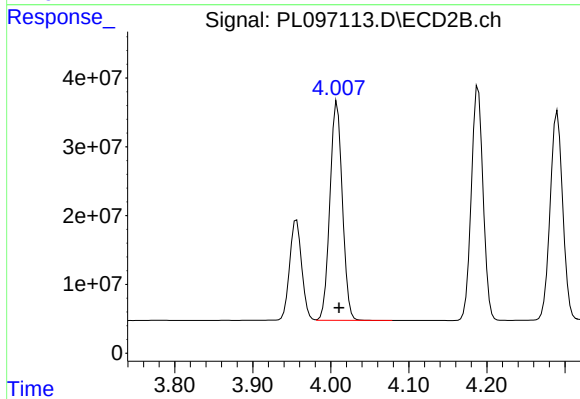
#3 gamma-BHC (Lindane)

R.T.: 3.660 min
Delta R.T.: -0.002 min
Response: 365275258
Conc: 49.59 ng/ml



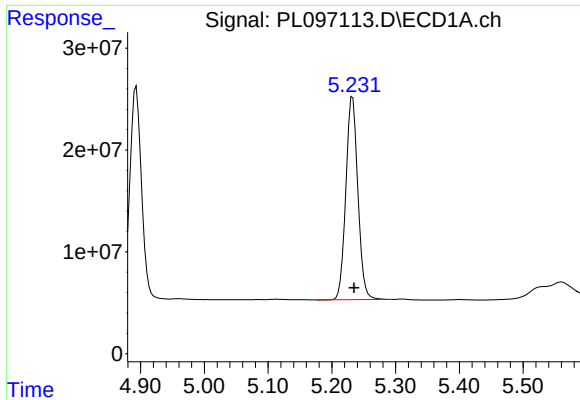
#4 Heptachlor

R.T.: 4.893 min
Delta R.T.: -0.003 min
Response: 264505791
Conc: 49.60 ng/ml



#4 Heptachlor

R.T.: 4.008 min
Delta R.T.: -0.002 min
Response: 352132117
Conc: 46.80 ng/ml



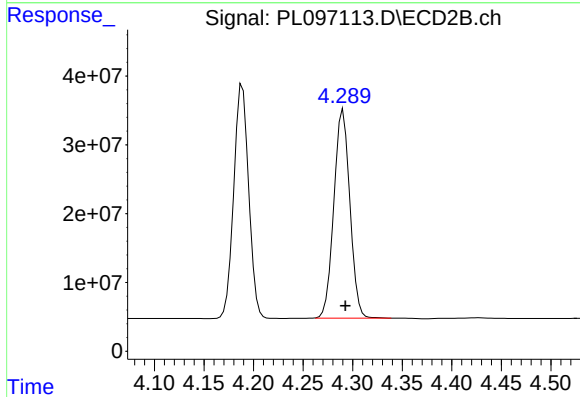
#5 Aldrin

R.T.: 5.232 min
Delta R.T.: -0.003 min
Response: 261054822
Conc: 49.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

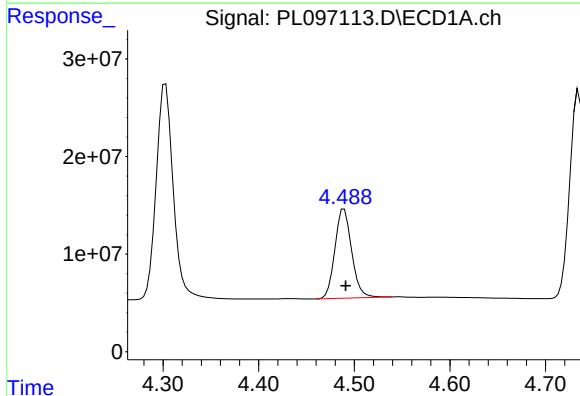
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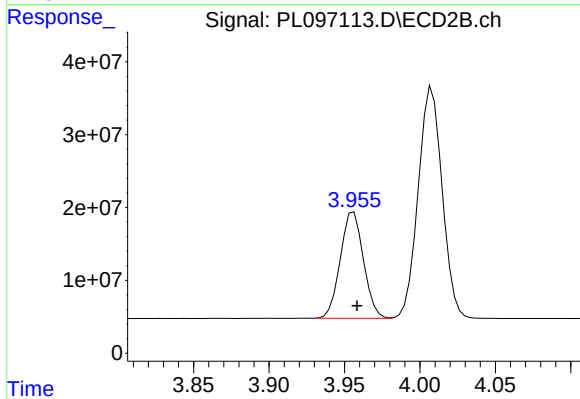
#5 Aldrin

R.T.: 4.290 min
Delta R.T.: -0.002 min
Response: 340082110
Conc: 48.36 ng/ml



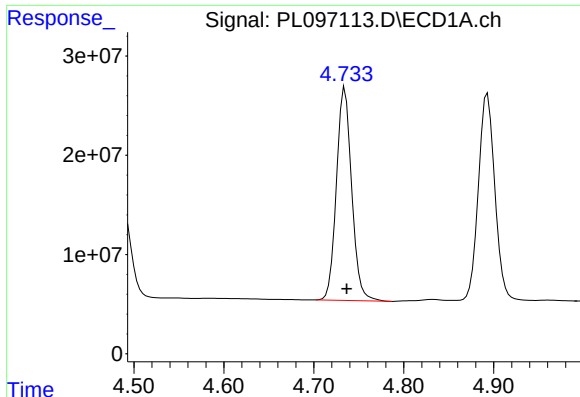
#6 beta-BHC

R.T.: 4.489 min
Delta R.T.: -0.002 min
Response: 111460661
Conc: 48.74 ng/ml



#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: -0.002 min
Response: 155821946
Conc: 47.76 ng/ml



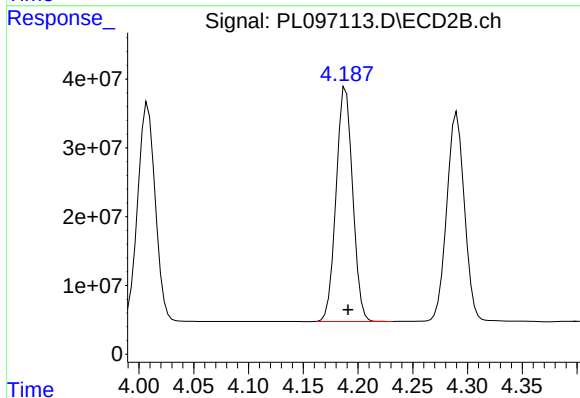
#7 delta-BHC

R.T.: 4.735 min
Delta R.T.: -0.002 min
Response: 253098082
Conc: 56.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

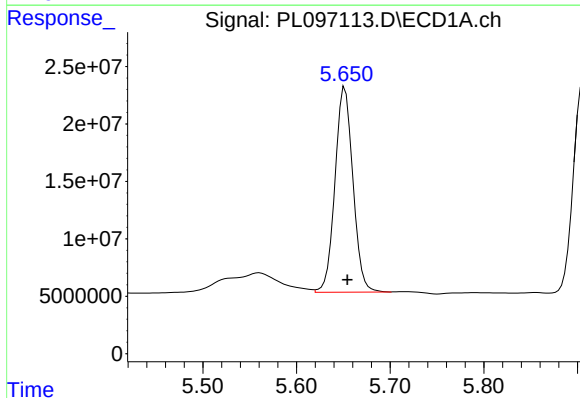
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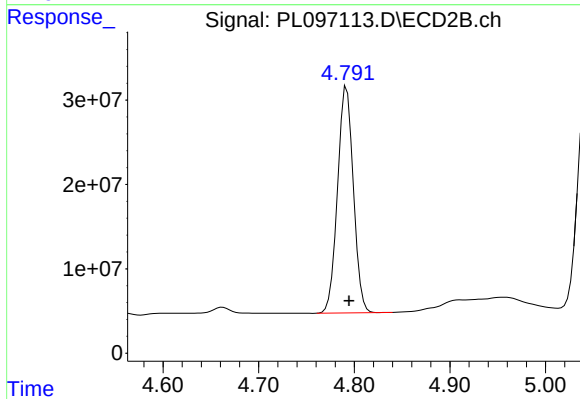
#7 delta-BHC

R.T.: 4.189 min
Delta R.T.: -0.002 min
Response: 357163732
Conc: 48.60 ng/ml



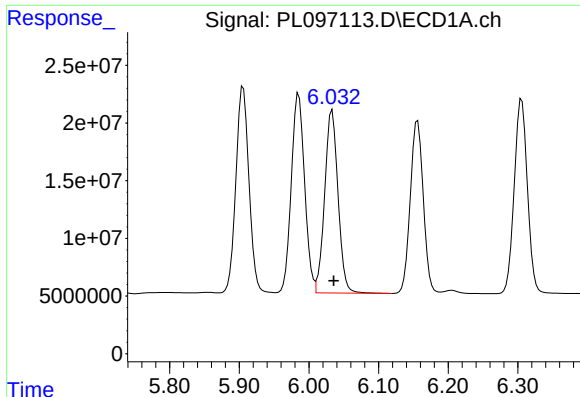
#8 Heptachlor epoxide

R.T.: 5.652 min
Delta R.T.: -0.003 min
Response: 238010139
Conc: 46.25 ng/ml



#8 Heptachlor epoxide

R.T.: 4.792 min
Delta R.T.: -0.003 min
Response: 309139665
Conc: 48.88 ng/ml



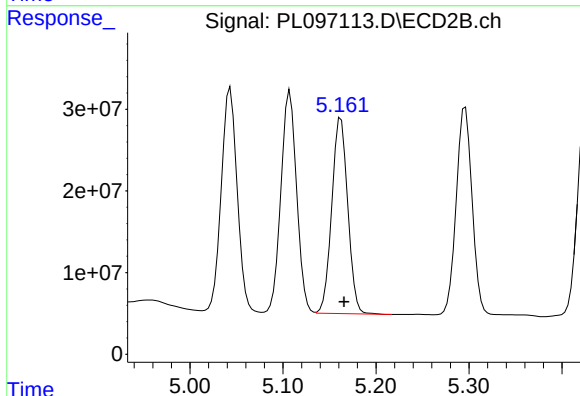
#9 Endosulfan I

R.T.: 6.033 min
Delta R.T.: -0.003 min
Response: 211910562
Conc: 49.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

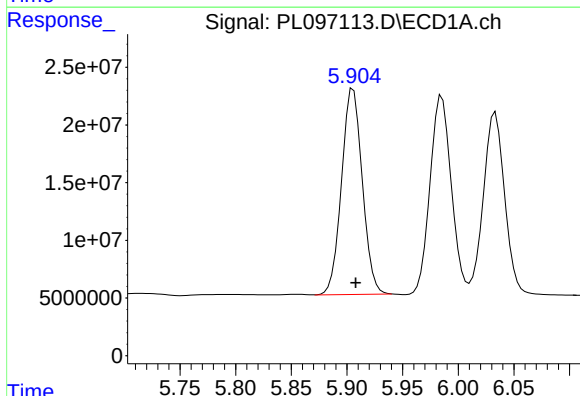
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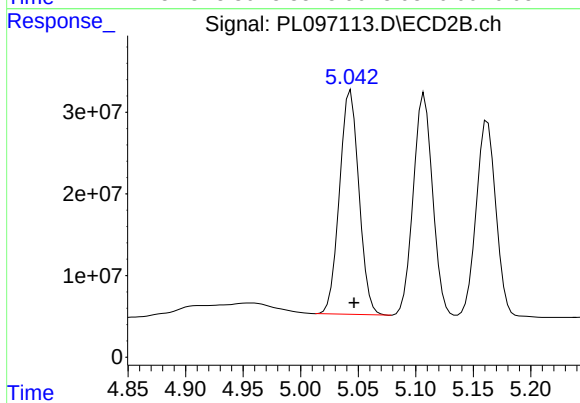
#9 Endosulfan I

R.T.: 5.162 min
Delta R.T.: -0.003 min
Response: 286733225
Conc: 47.86 ng/ml



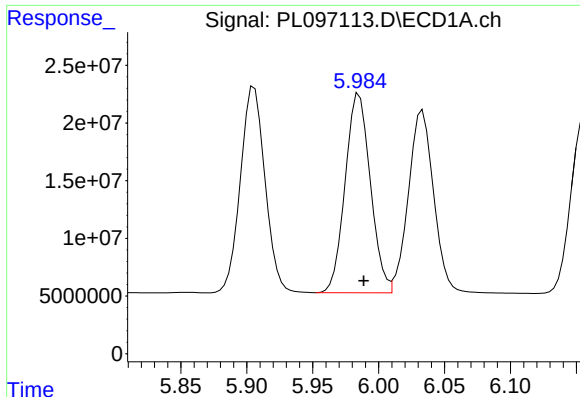
#10 gamma-Chlordane

R.T.: 5.904 min
Delta R.T.: -0.004 min
Response: 232052299
Conc: 50.39 ng/ml m



#10 gamma-Chlordane

R.T.: 5.043 min
Delta R.T.: -0.003 min
Response: 323796727
Conc: 48.98 ng/ml



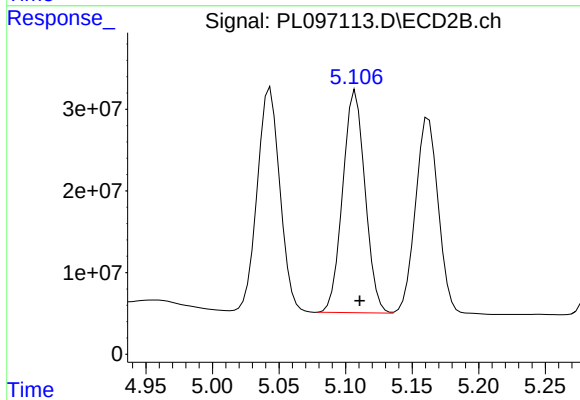
#11 alpha-Chlordane

R.T.: 5.985 min
Delta R.T.: -0.003 min
Response: 229746845
Conc: 48.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

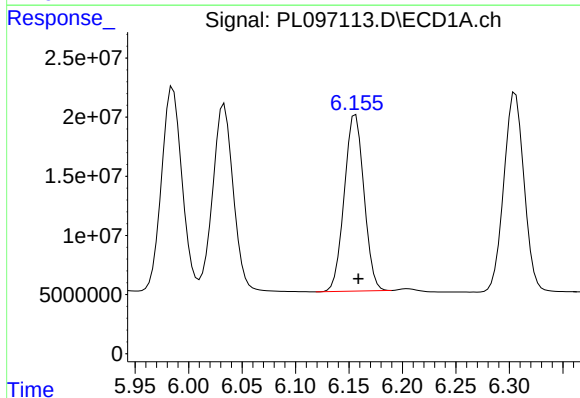
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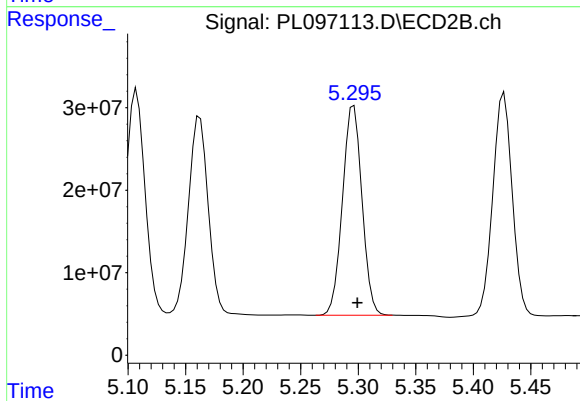
#11 alpha-Chlordane

R.T.: 5.108 min
Delta R.T.: -0.003 min
Response: 318224345
Conc: 48.73 ng/ml



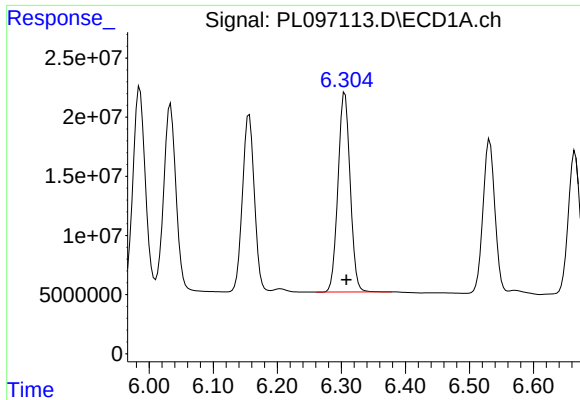
#12 4,4'-DDE

R.T.: 6.156 min
Delta R.T.: -0.003 min
Response: 191436316
Conc: 47.98 ng/ml



#12 4,4'-DDE

R.T.: 5.295 min
Delta R.T.: -0.004 min
Response: 301067623
Conc: 48.92 ng/ml m



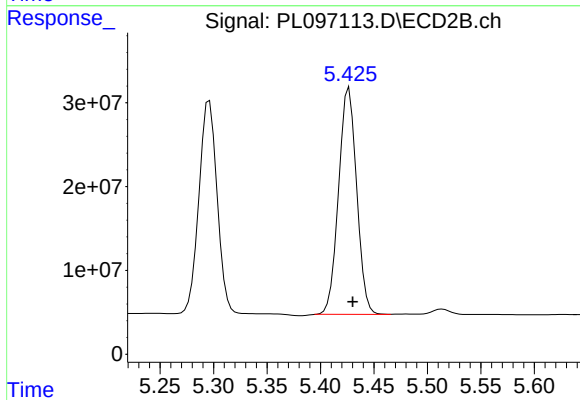
#13 Dieldrin

R.T.: 6.306 min
Delta R.T.: -0.003 min
Response: 222409629
Conc: 48.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

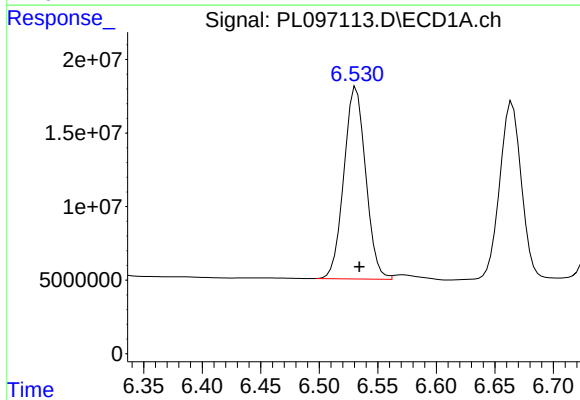
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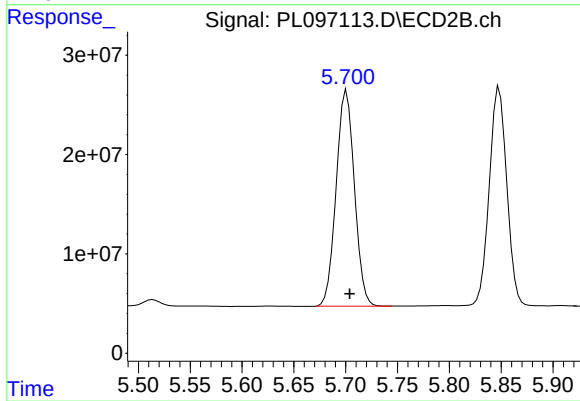
#13 Dieldrin

R.T.: 5.425 min
Delta R.T.: -0.005 min
Response: 318596226
Conc: 48.62 ng/ml m



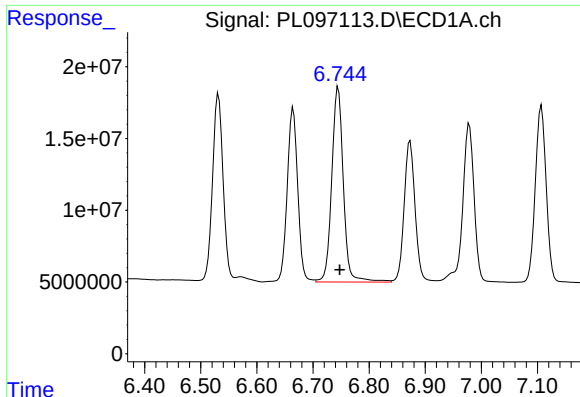
#14 Endrin

R.T.: 6.532 min
Delta R.T.: -0.003 min
Response: 169205596
Conc: 45.18 ng/ml



#14 Endrin

R.T.: 5.701 min
Delta R.T.: -0.003 min
Response: 266515664
Conc: 45.12 ng/ml



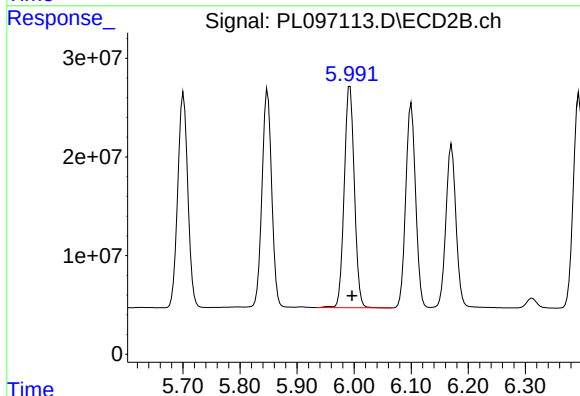
#15 Endosulfan II

R.T.: 6.745 min
Delta R.T.: -0.003 min
Response: 195868021
Conc: 44.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

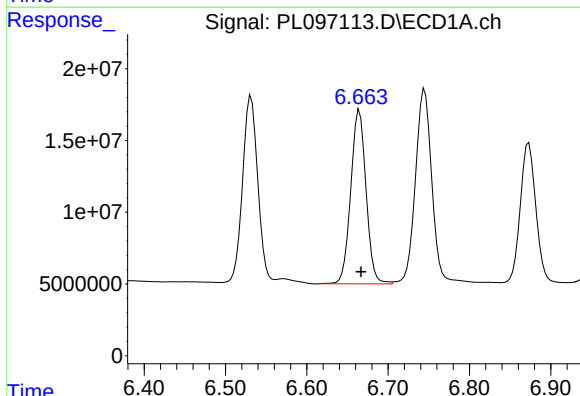
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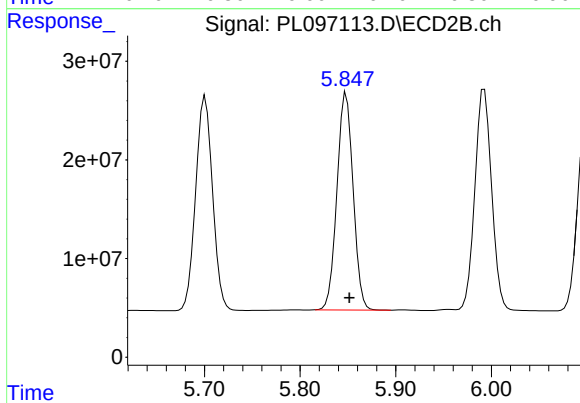
#15 Endosulfan II

R.T.: 5.993 min
Delta R.T.: -0.004 min
Response: 277219612
Conc: 48.48 ng/ml



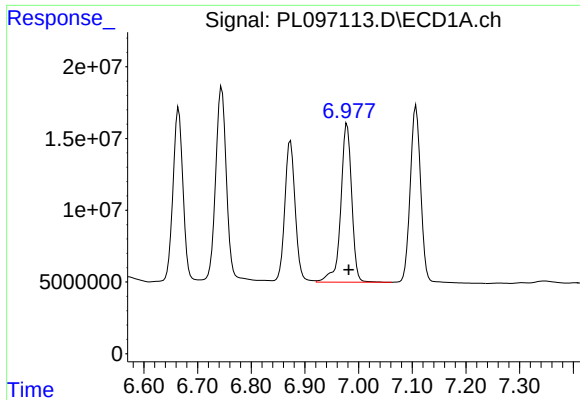
#16 4,4'-DDD

R.T.: 6.665 min
Delta R.T.: -0.002 min
Response: 158176711
Conc: 50.12 ng/ml



#16 4,4'-DDD

R.T.: 5.848 min
Delta R.T.: -0.003 min
Response: 258540754
Conc: 49.51 ng/ml



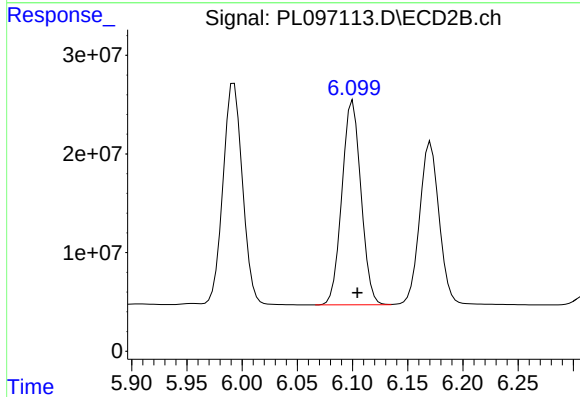
#17 4,4'-DDT

R.T.: 6.979 min
Delta R.T.: -0.003 min
Response: 156705903
Conc: 44.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

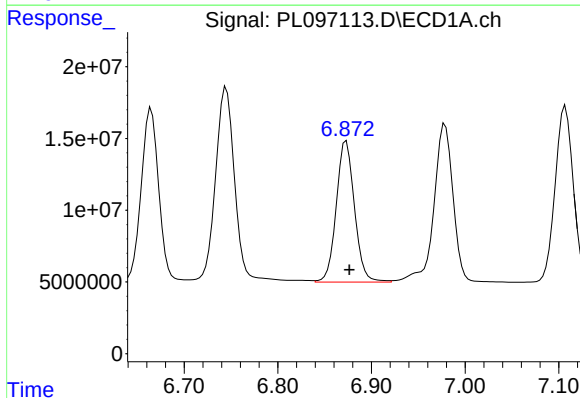
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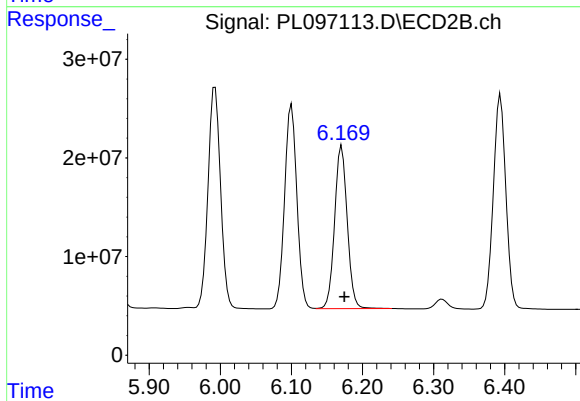
#17 4,4'-DDT

R.T.: 6.100 min
Delta R.T.: -0.004 min
Response: 248796293
Conc: 45.42 ng/ml



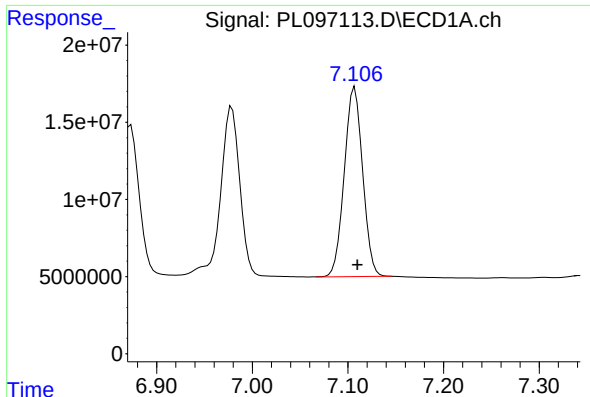
#18 Endrin aldehyde

R.T.: 6.873 min
Delta R.T.: -0.003 min
Response: 133213077
Conc: 51.21 ng/ml



#18 Endrin aldehyde

R.T.: 6.171 min
Delta R.T.: -0.004 min
Response: 203247870
Conc: 48.78 ng/ml



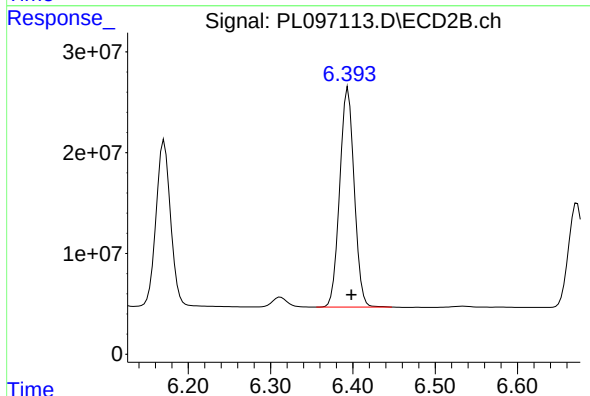
#19 Endosulfan Sulfate

R.T.: 7.106 min
Delta R.T.: -0.004 min
Response: 164461524
Conc: 47.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

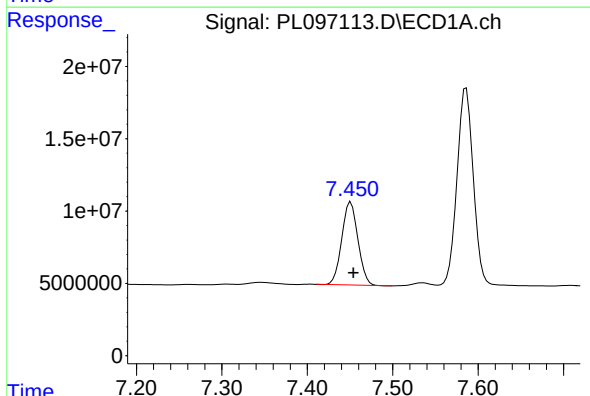
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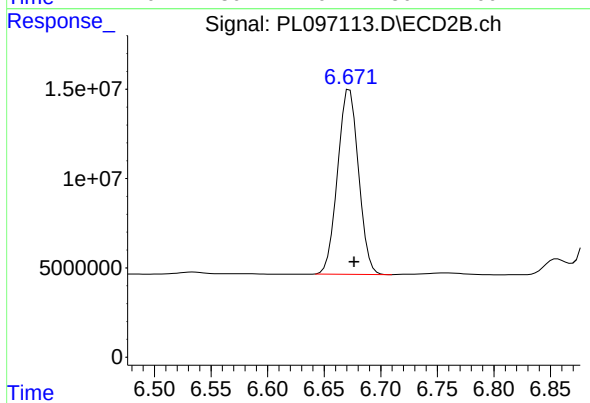
#19 Endosulfan Sulfate

R.T.: 6.394 min
Delta R.T.: -0.004 min
Response: 266707023
Conc: 47.60 ng/ml



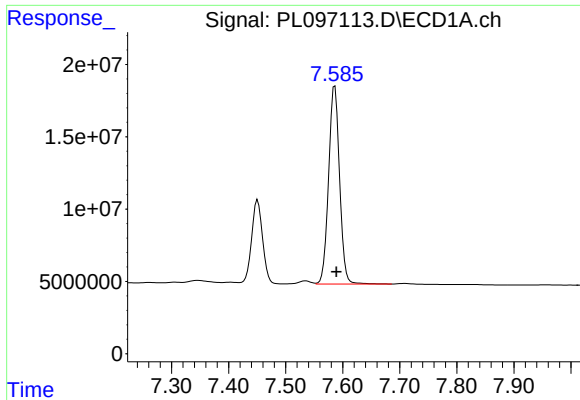
#20 Methoxychlor

R.T.: 7.451 min
Delta R.T.: -0.003 min
Response: 75512285
Conc: 43.51 ng/ml



#20 Methoxychlor

R.T.: 6.672 min
Delta R.T.: -0.004 min
Response: 133280088
Conc: 44.43 ng/ml



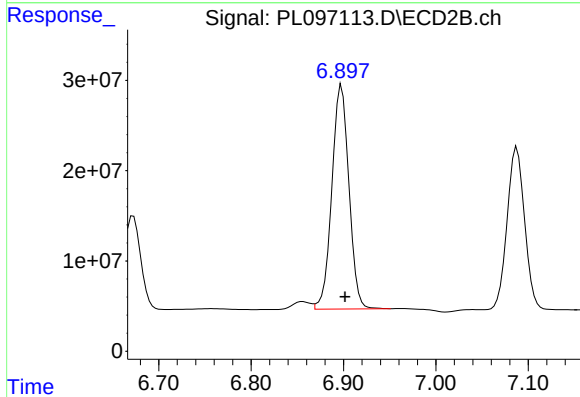
#21 Endrin ketone

R.T.: 7.586 min
Delta R.T.: -0.003 min
Response: 182986713
Conc: 51.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

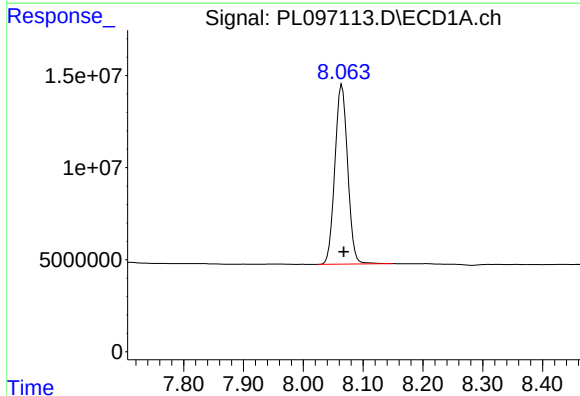
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APPROVED

Reviewed By :Abdul Mirza 09/10/2025
Supervised By :mohammad ahmed 09/12/2025



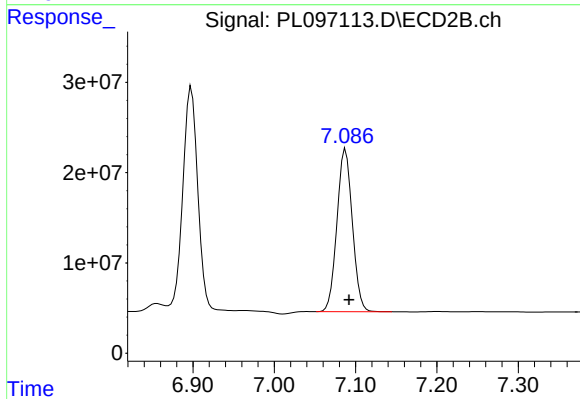
#21 Endrin ketone

R.T.: 6.898 min
Delta R.T.: -0.004 min
Response: 319153373
Conc: 50.99 ng/ml



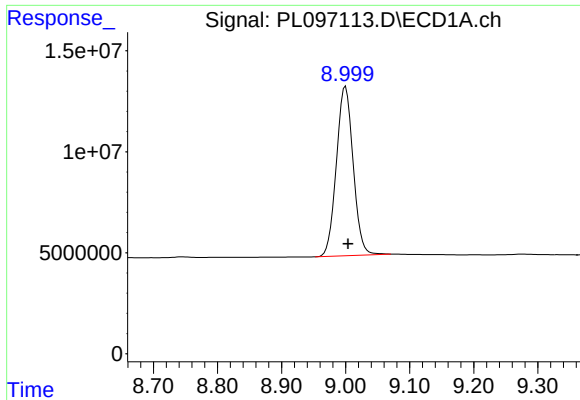
#22 Mirex

R.T.: 8.065 min
Delta R.T.: -0.003 min
Response: 145084557
Conc: 48.49 ng/ml



#22 Mirex

R.T.: 7.088 min
Delta R.T.: -0.004 min
Response: 236679106
Conc: 48.73 ng/ml



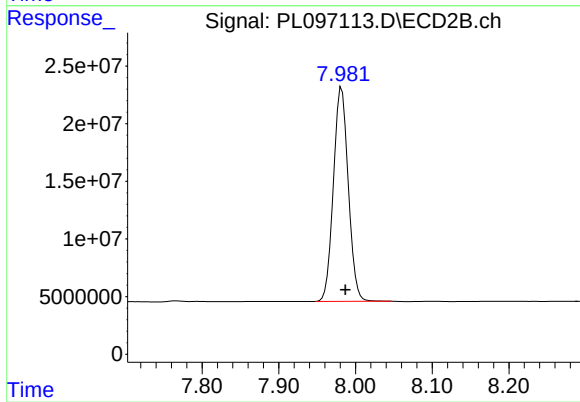
#28 Decachlorobiphenyl

R.T.: 9.000 min
Delta R.T.: -0.004 min
Response: 152634908
Conc: 51.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.982 min
Delta R.T.: -0.005 min
Response: 249936116
Conc: 52.12 ng/ml