

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091425\
 Data File : PL097205.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2025 19:18
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/16/2025
 Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 02:12:10 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...	3.527	2.823	223.5E6	306.5E6	56.682	54.384
28)	SA Decachlor...	8.999	7.983	155.2E6	228.6E6	52.414	47.674
Target Compounds							
2)	A alpha-BHC	3.974	3.328	346.2E6	470.0E6	59.759	57.238
3)	MA gamma-BHC...	4.301	3.660	320.7E6	432.0E6	58.713	58.650
4)	MA Heptachlor	4.892	4.007	299.4E6	399.2E6	56.150	53.050
5)	MB Aldrin	5.231	4.290	300.6E6	402.1E6	57.223	57.178
6)	B beta-BHC	4.489	3.956	133.7E6	182.7E6	58.454	56.000
7)	B delta-BHC	4.734	4.188	296.4E6	418.3E6	65.858	56.924
8)	B Heptachlo...	5.651	4.792	274.3E6	359.2E6	53.296	56.786
9)	A Endosulfan I	6.032	5.162	239.2E6	332.0E6	55.681	55.408
10)	B gamma-Chl...	5.903	5.043	268.2E6	376.7E6	58.245m	56.982
11)	B alpha-Chl...	5.985	5.108	263.0E6	367.6E6	55.893	56.299
12)	B 4,4'-DDE	6.155	5.296	229.8E6	345.8E6	57.598	56.186
13)	MA Dieldrin	6.305	5.427	252.9E6	365.4E6	55.690	55.767
14)	MA Endrin	6.531	5.701	180.3E6	290.1E6	48.158	49.103
15)	B Endosulfa...	6.744	5.993	223.2E6	305.9E6	50.673	53.498
16)	A 4,4'-DDD	6.663	5.848	195.1E6	313.2E6	61.834m	59.974
17)	MA 4,4'-DDT	6.978	6.101	157.3E6	231.5E6	44.900	42.273
18)	B Endrin al...	6.873	6.171	151.1E6	218.9E6	58.091	52.927
19)	B Endosulfa...	7.106	6.394	191.2E6	286.3E6	55.694	51.104
20)	A Methoxychlor	7.451	6.673	74031636	121.9E6	42.657	40.623
21)	B Endrin ke...	7.585	6.899	209.8E6	335.1E6	59.016	53.543
22)	Mirex	8.064	7.088	157.5E6	244.4E6	52.644	50.315

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091425\
Data File : PL097205.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Sep 2025 19:18
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

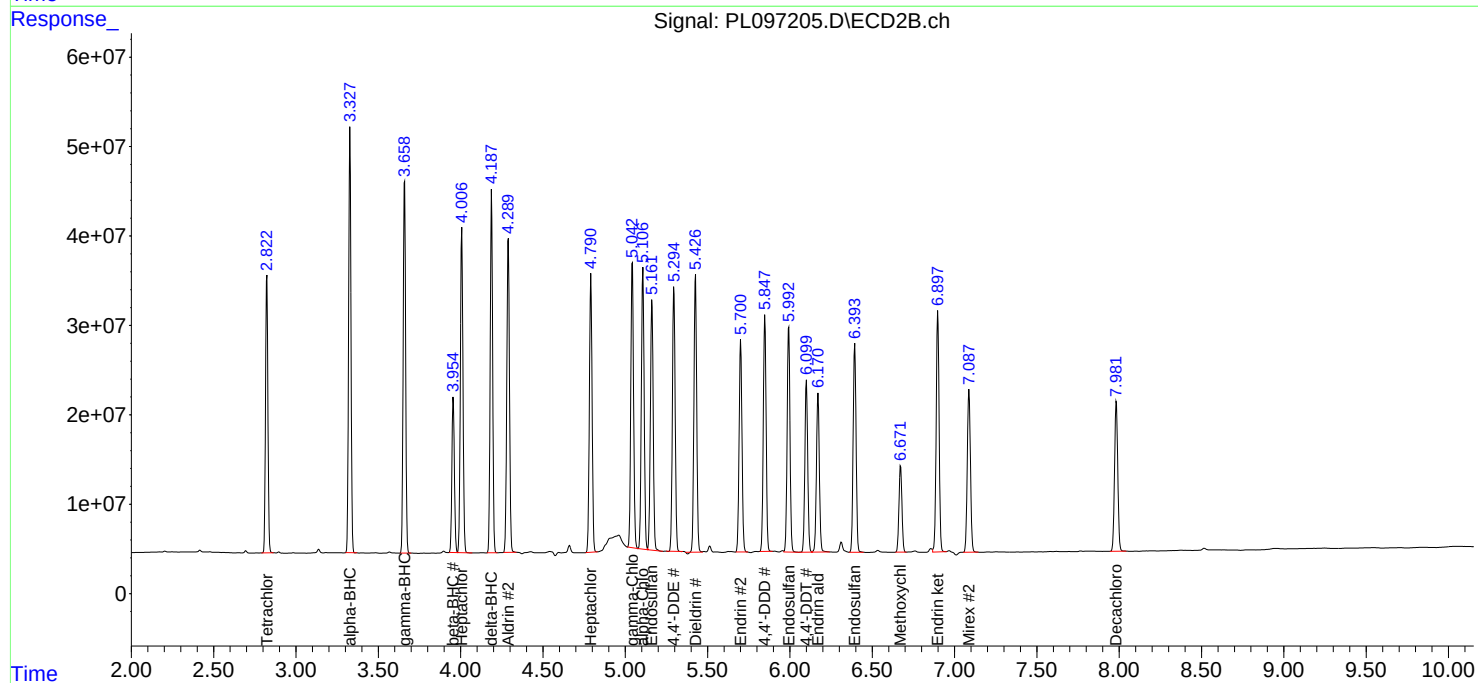
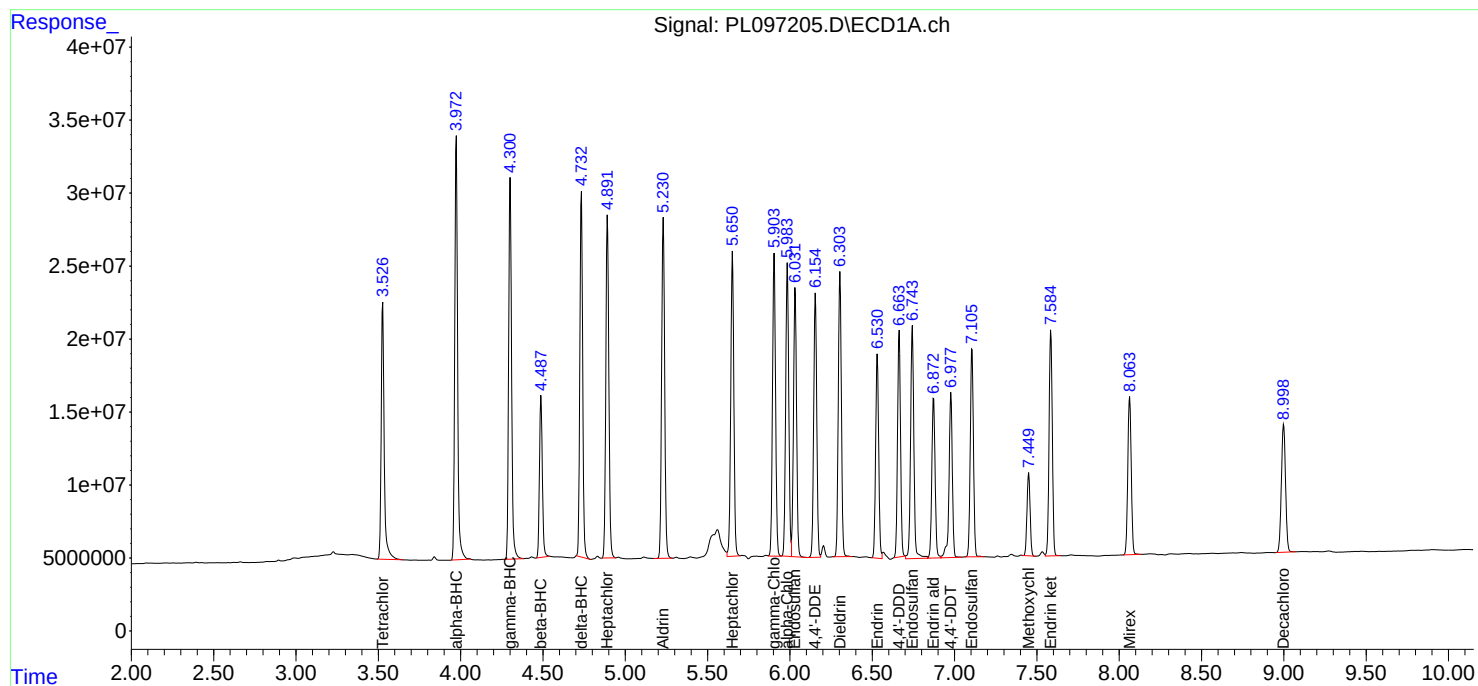
APPROVED

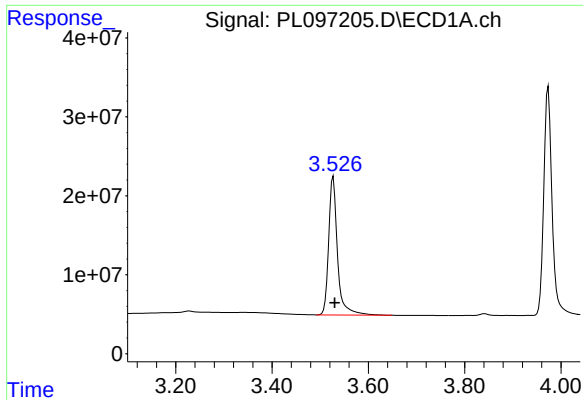
Reviewed By :Abdul Mirza 09/16/2025

Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 13 02:12:10 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.: 3.527 min
Delta R.T.: -0.003 min
Response: 223544153
Conc: 56.68 ng/ml

Instrument :

ECD_L

ClientSampleId :

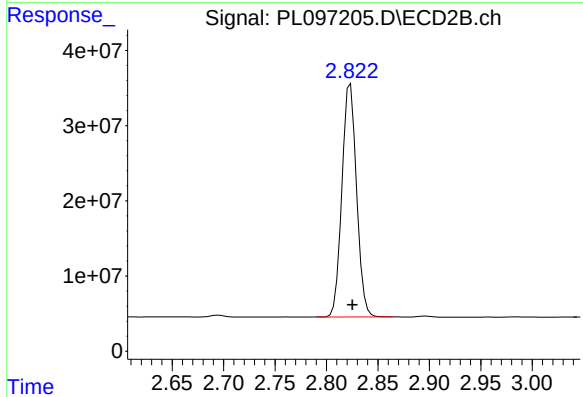
PSTDCCC050

Manual Integrations

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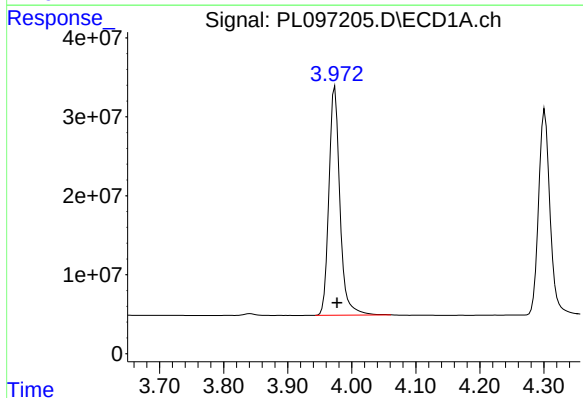
Reviewed By :Abdul Mirza 09/16/2025

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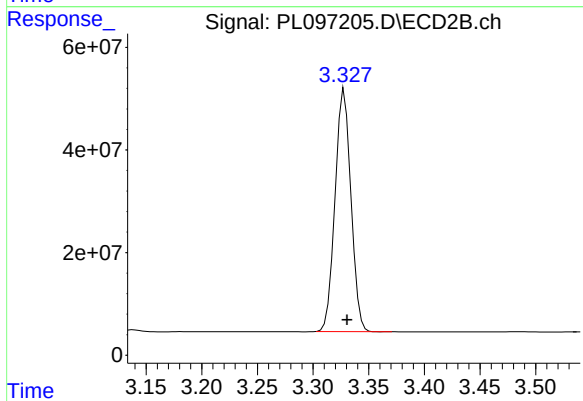
#1 Tetrachloro-m-xylene

R.T.: 2.823 min
Delta R.T.: -0.002 min
Response: 306542381
Conc: 54.38 ng/ml



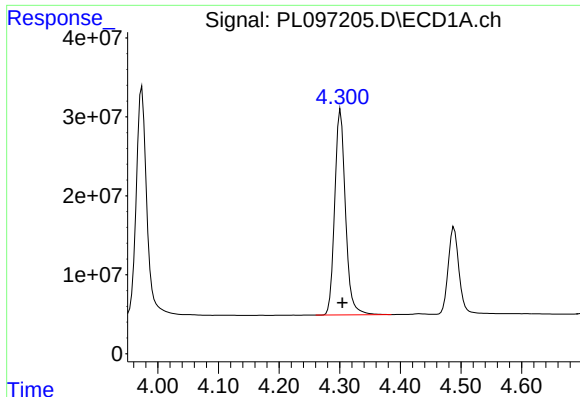
#2 alpha-BHC

R.T.: 3.974 min
Delta R.T.: -0.004 min
Response: 346242840
Conc: 59.76 ng/ml



#2 alpha-BHC

R.T.: 3.328 min
Delta R.T.: -0.002 min
Response: 469998999
Conc: 57.24 ng/ml



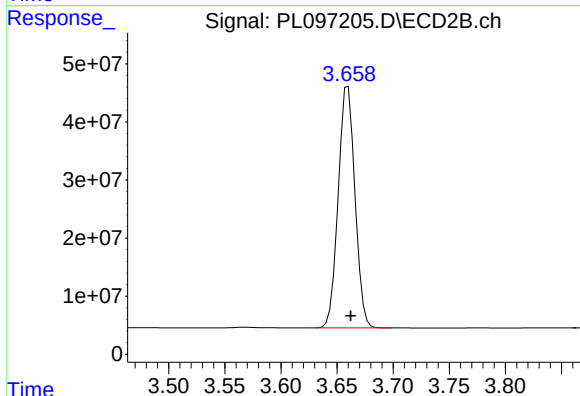
#3 gamma-BHC (Lindane)

R.T.: 4.301 min
Delta R.T.: -0.003 min
Response: 320676004
Conc: 58.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

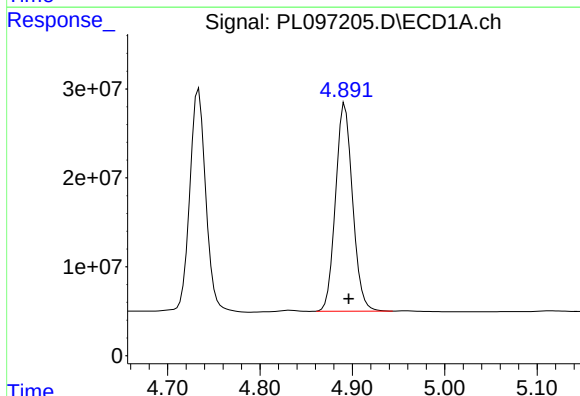
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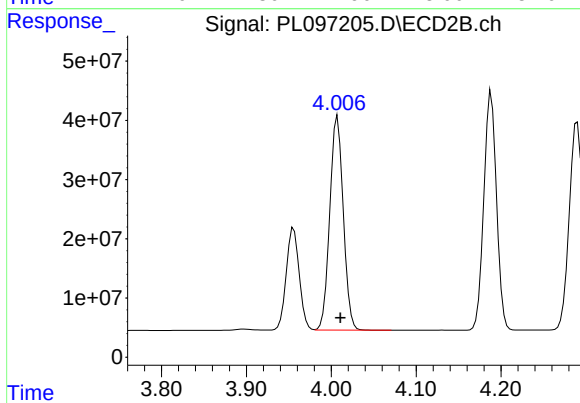
#3 gamma-BHC (Lindane)

R.T.: 3.660 min
Delta R.T.: -0.002 min
Response: 432042471
Conc: 58.65 ng/ml



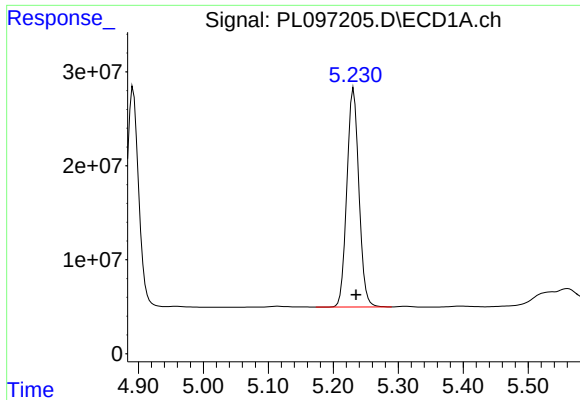
#4 Heptachlor

R.T.: 4.892 min
Delta R.T.: -0.004 min
Response: 299409317
Conc: 56.15 ng/ml



#4 Heptachlor

R.T.: 4.007 min
Delta R.T.: -0.003 min
Response: 399159055
Conc: 53.05 ng/ml



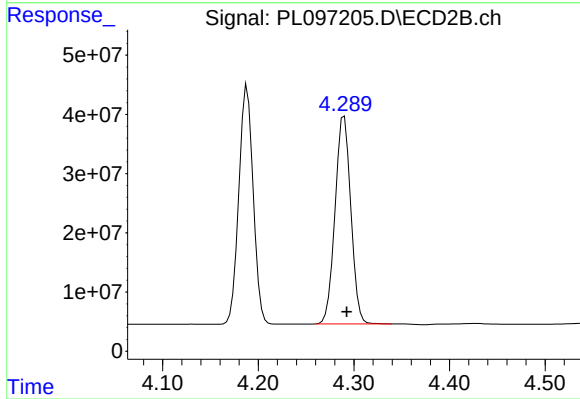
#5 Aldrin

R.T.: 5.231 min
Delta R.T.: -0.004 min
Response: 300623103
Conc: 57.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

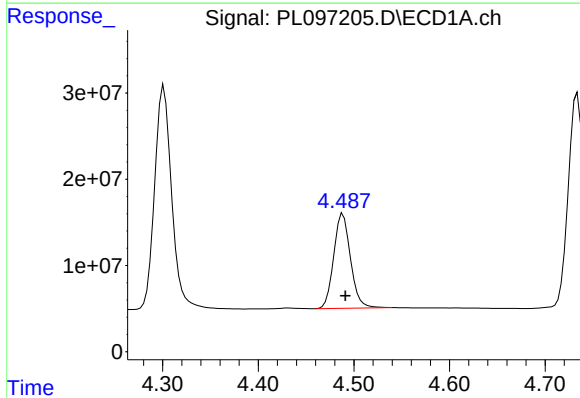
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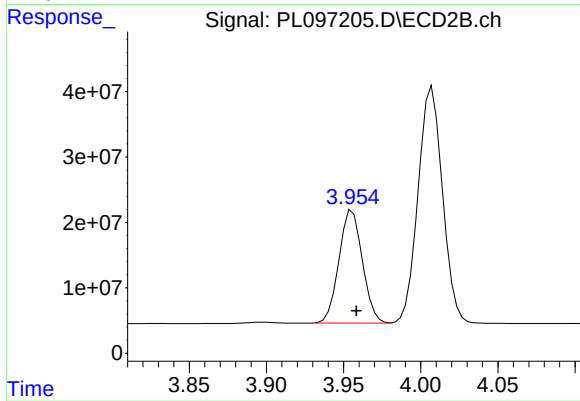
#5 Aldrin

R.T.: 4.290 min
Delta R.T.: -0.003 min
Response: 402121941
Conc: 57.18 ng/ml



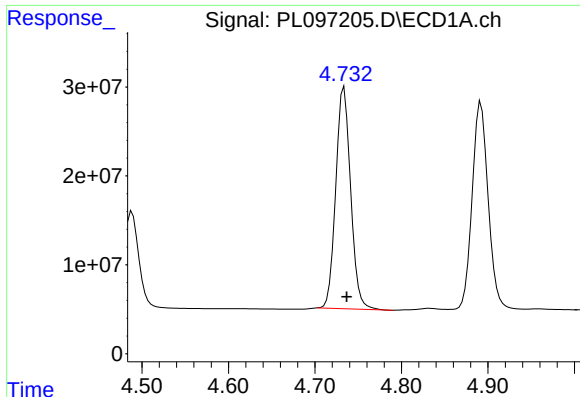
#6 beta-BHC

R.T.: 4.489 min
Delta R.T.: -0.002 min
Response: 133685941
Conc: 58.45 ng/ml



#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: -0.003 min
Response: 182688884
Conc: 56.00 ng/ml



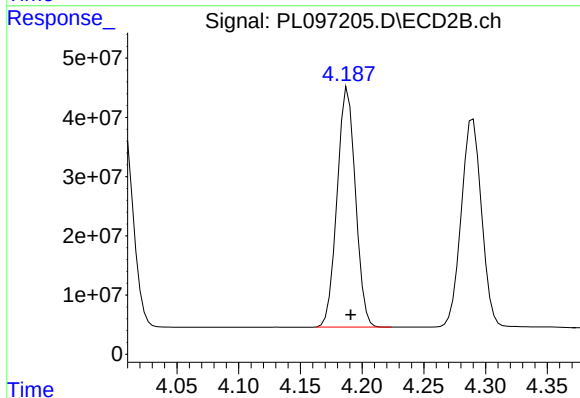
#7 delta-BHC

R.T.: 4.734 min
Delta R.T.: -0.003 min
Response: 296356609
Conc: 65.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

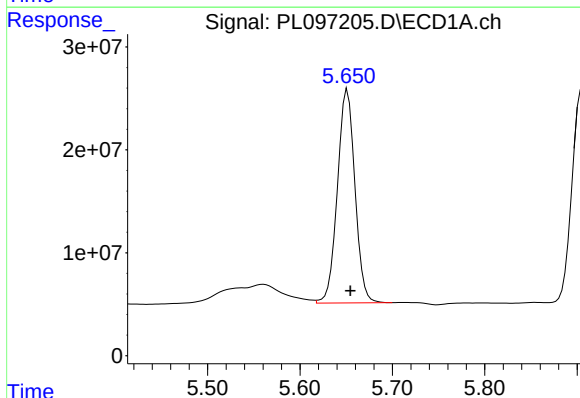
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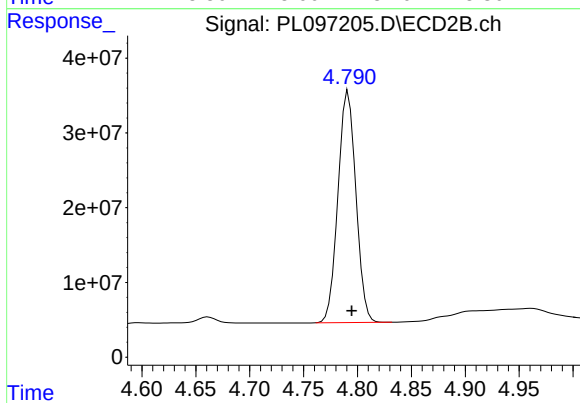
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: -0.002 min
Response: 418328059
Conc: 56.92 ng/ml



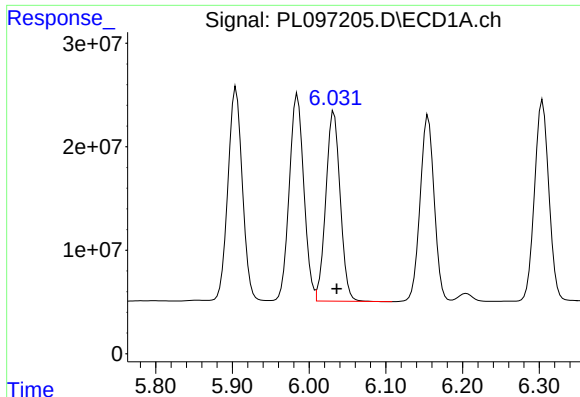
#8 Heptachlor epoxide

R.T.: 5.651 min
Delta R.T.: -0.003 min
Response: 274251370
Conc: 53.30 ng/ml



#8 Heptachlor epoxide

R.T.: 4.792 min
Delta R.T.: -0.003 min
Response: 359174165
Conc: 56.79 ng/ml



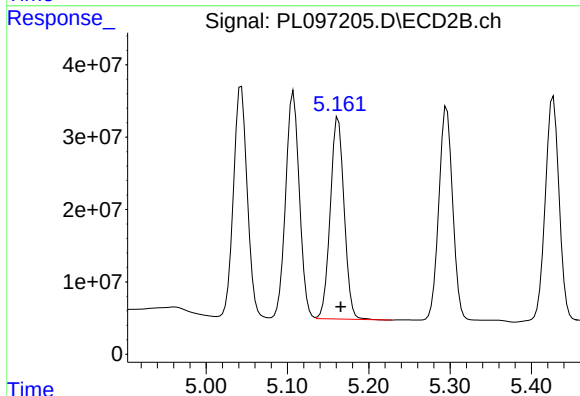
#9 Endosulfan I

R.T.: 6.032 min
Delta R.T.: -0.004 min
Response: 239248729
Conc: 55.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

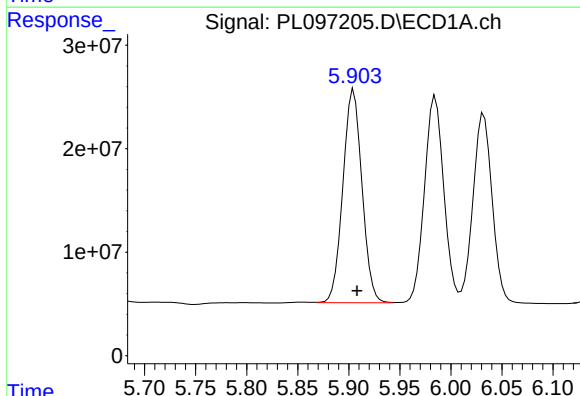
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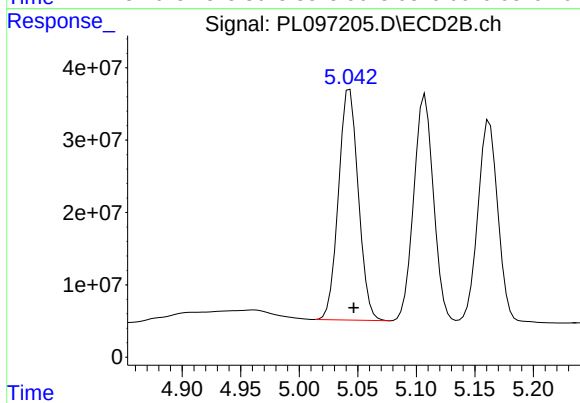
#9 Endosulfan I

R.T.: 5.162 min
Delta R.T.: -0.003 min
Response: 331964343
Conc: 55.41 ng/ml



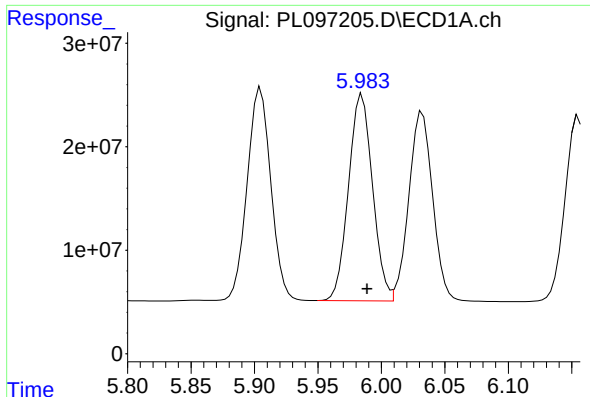
#10 gamma-Chlordane

R.T.: 5.903 min
Delta R.T.: -0.005 min
Response: 268246897
Conc: 58.25 ng/ml m



#10 gamma-Chlordane

R.T.: 5.043 min
Delta R.T.: -0.003 min
Response: 376714411
Conc: 56.98 ng/ml



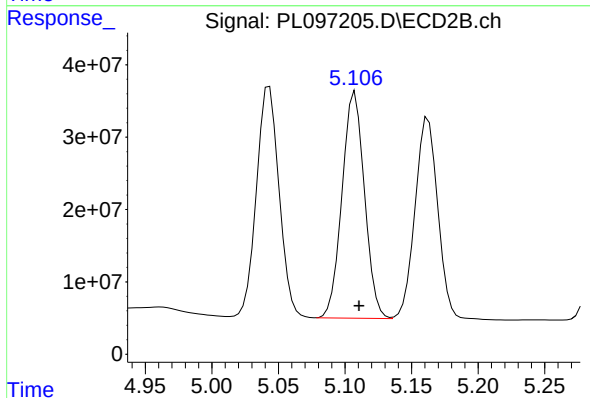
#11 alpha-Chlordane

R.T.: 5.985 min
Delta R.T.: -0.004 min
Response: 263025047
Conc: 55.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

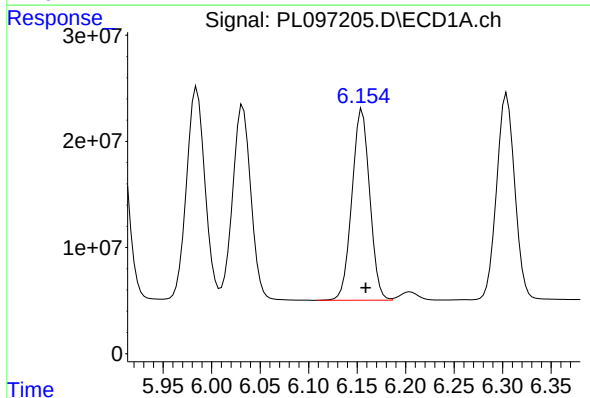
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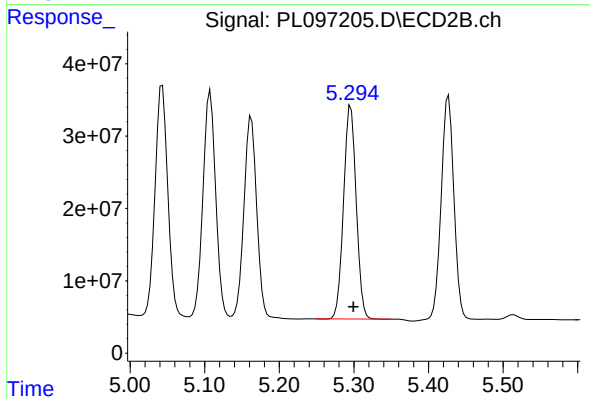
#11 alpha-Chlordane

R.T.: 5.108 min
Delta R.T.: -0.003 min
Response: 367620382
Conc: 56.30 ng/ml



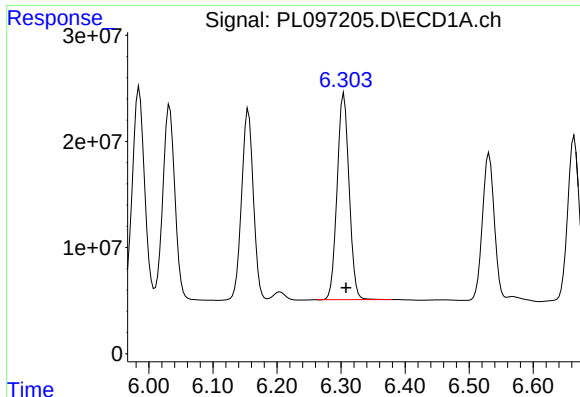
#12 4,4'-DDE

R.T.: 6.155 min
Delta R.T.: -0.004 min
Response: 229823774
Conc: 57.60 ng/ml



#12 4,4'-DDE

R.T.: 5.296 min
Delta R.T.: -0.003 min
Response: 345807524
Conc: 56.19 ng/ml



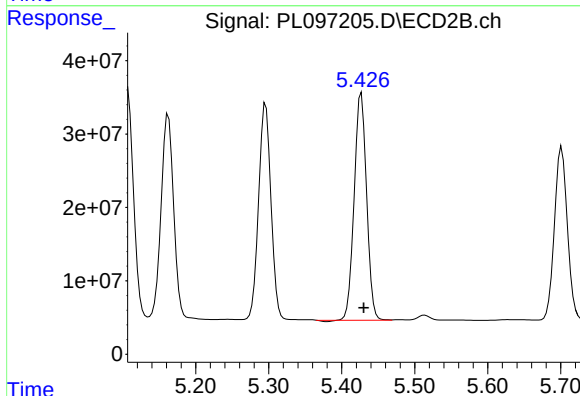
#13 Dieldrin

R.T.: 6.305 min
Delta R.T.: -0.004 min
Response: 252878237
Conc: 55.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

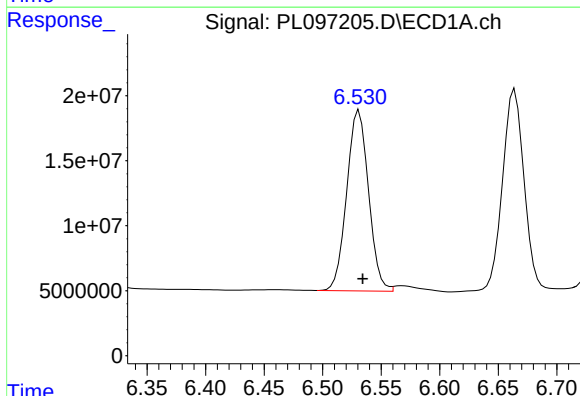
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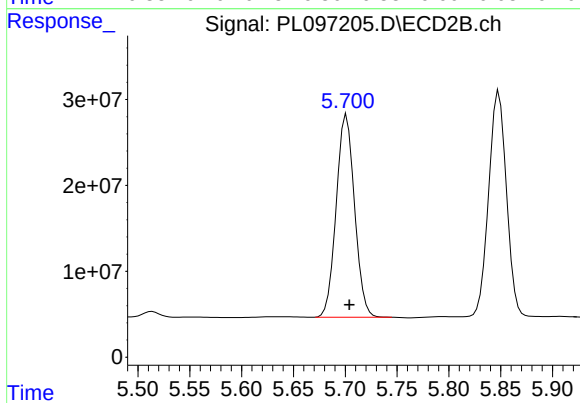
#13 Dieldrin

R.T.: 5.427 min
Delta R.T.: -0.003 min
Response: 365443102
Conc: 55.77 ng/ml



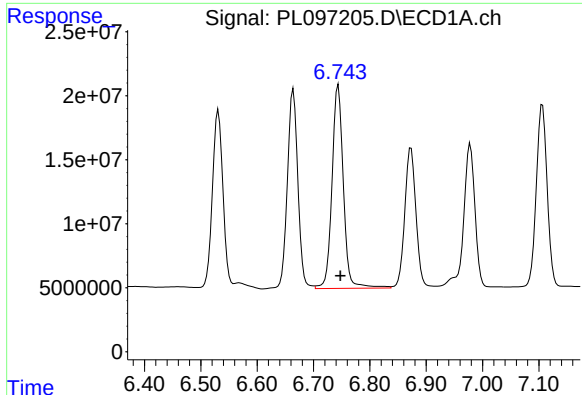
#14 Endrin

R.T.: 6.531 min
Delta R.T.: -0.003 min
Response: 180347257
Conc: 48.16 ng/ml



#14 Endrin

R.T.: 5.701 min
Delta R.T.: -0.003 min
Response: 290058924
Conc: 49.10 ng/ml



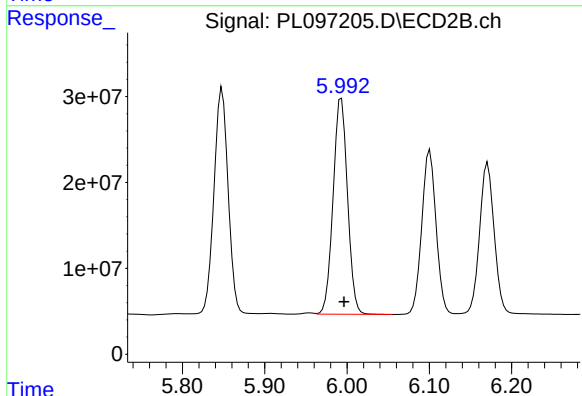
#15 Endosulfan II

R.T.: 6.744 min
Delta R.T.: -0.004 min
Response: 223219814
Conc: 50.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

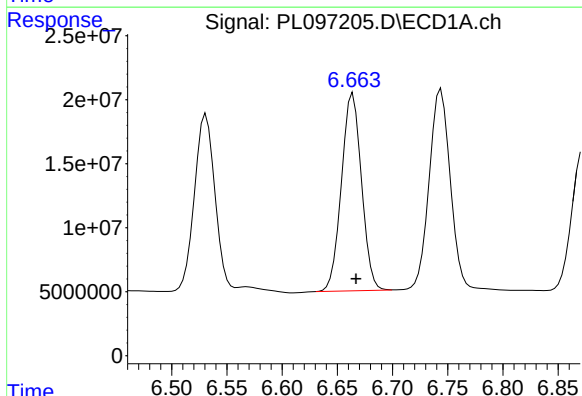
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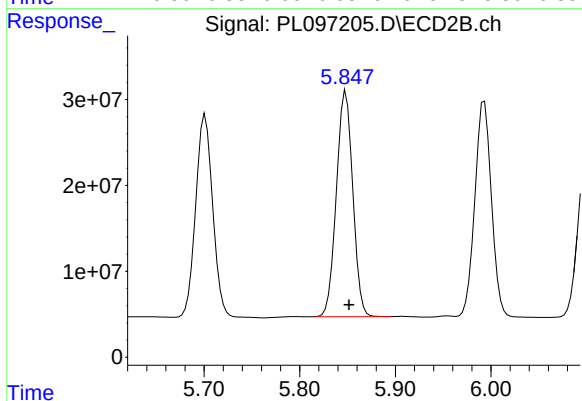
#15 Endosulfan II

R.T.: 5.993 min
Delta R.T.: -0.003 min
Response: 305940130
Conc: 53.50 ng/ml



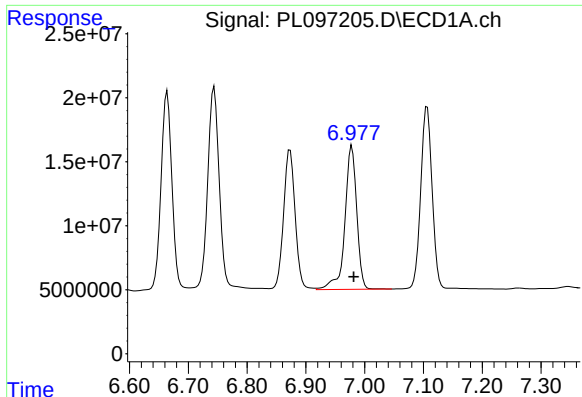
#16 4,4'-DDD

R.T.: 6.663 min
Delta R.T.: -0.004 min
Response: 195136740
Conc: 61.83 ng/ml m



#16 4,4'-DDD

R.T.: 5.848 min
Delta R.T.: -0.003 min
Response: 313205237
Conc: 59.97 ng/ml



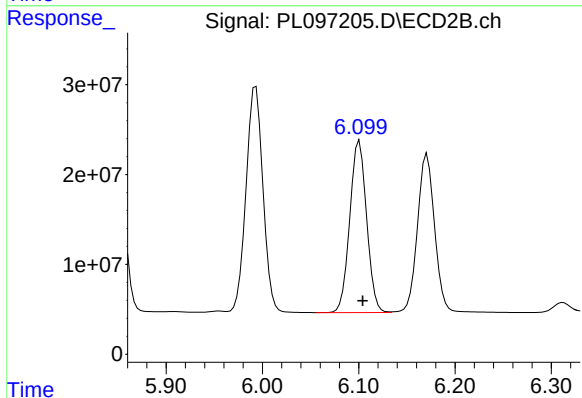
#17 4,4'-DDT

R.T.: 6.978 min
Delta R.T.: -0.003 min
Response: 157259896
Conc: 44.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

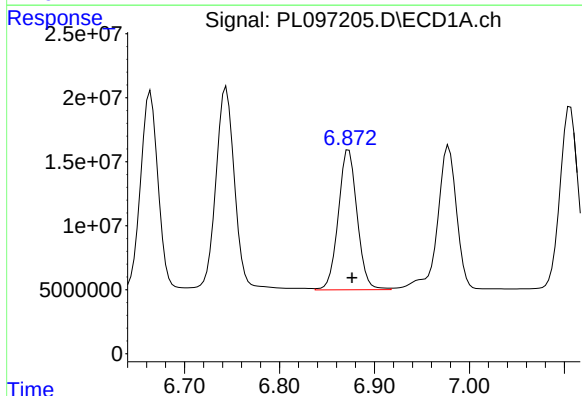
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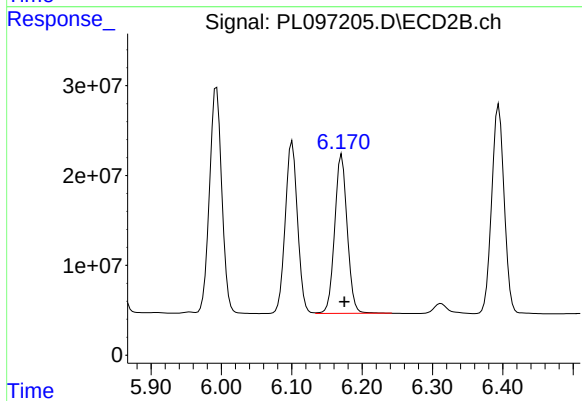
#17 4,4'-DDT

R.T.: 6.101 min
Delta R.T.: -0.003 min
Response: 231542695
Conc: 42.27 ng/ml



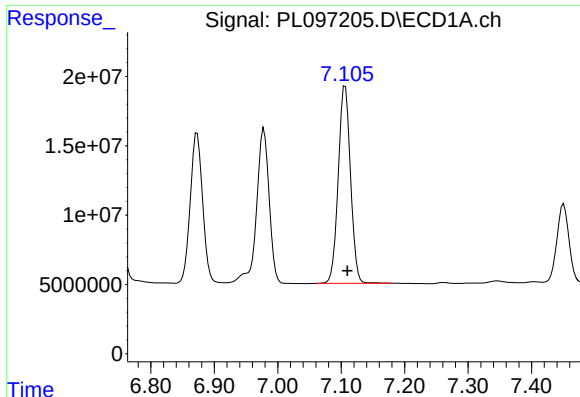
#18 Endrin aldehyde

R.T.: 6.873 min
Delta R.T.: -0.003 min
Response: 151121011
Conc: 58.09 ng/ml



#18 Endrin aldehyde

R.T.: 6.171 min
Delta R.T.: -0.004 min
Response: 218937347
Conc: 52.93 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.106 min
Delta R.T.: -0.004 min
Response: 191217629
Conc: 55.69 ng/ml

Instrument :

ECD_L

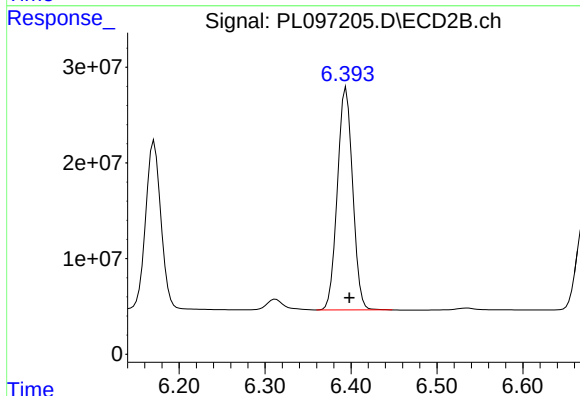
ClientSampleId :

PSTDCCC050

Manual Integrations

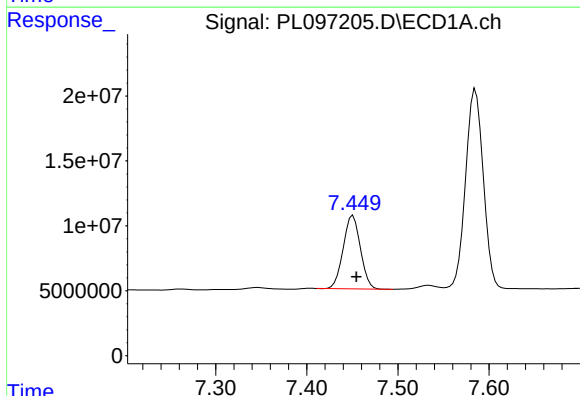
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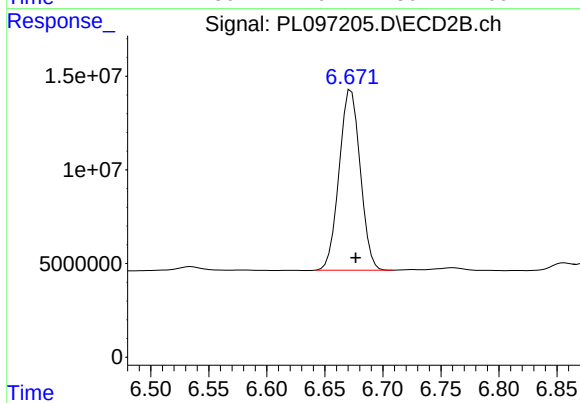
#19 Endosulfan Sulfate

R.T.: 6.394 min
Delta R.T.: -0.004 min
Response: 286333091
Conc: 51.10 ng/ml



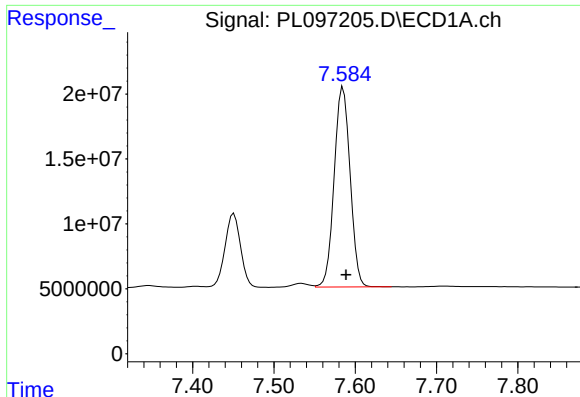
#20 Methoxychlor

R.T.: 7.451 min
Delta R.T.: -0.004 min
Response: 74031636
Conc: 42.66 ng/ml



#20 Methoxychlor

R.T.: 6.673 min
Delta R.T.: -0.004 min
Response: 121859704
Conc: 40.62 ng/ml



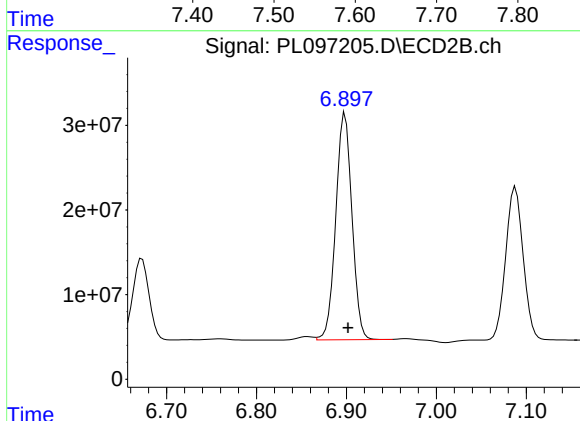
#21 Endrin ketone

R.T.: 7.585 min
Delta R.T.: -0.004 min
Response: 209818466
Conc: 59.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

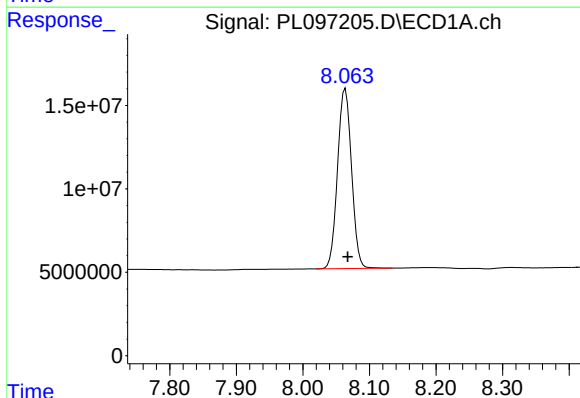
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/16/2025
Supervised By :mohammad ahmed 09/17/2025



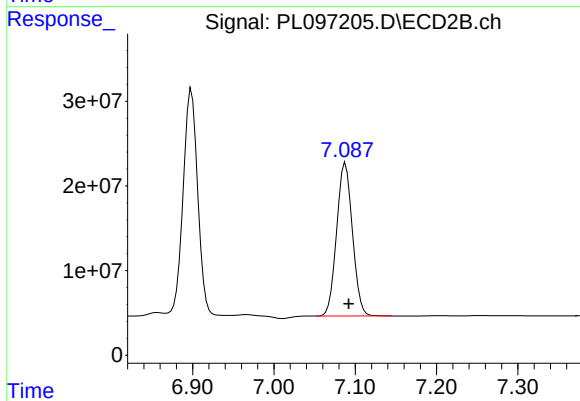
#21 Endrin ketone

R.T.: 6.899 min
Delta R.T.: -0.003 min
Response: 335120992
Conc: 53.54 ng/ml



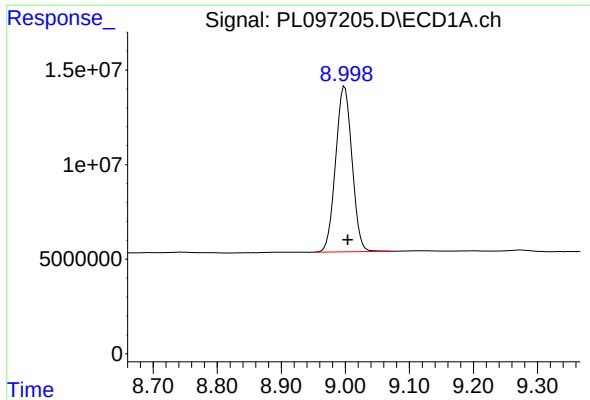
#22 Mirex

R.T.: 8.064 min
Delta R.T.: -0.004 min
Response: 157506325
Conc: 52.64 ng/ml



#22 Mirex

R.T.: 7.088 min
Delta R.T.: -0.004 min
Response: 244357430
Conc: 50.31 ng/ml



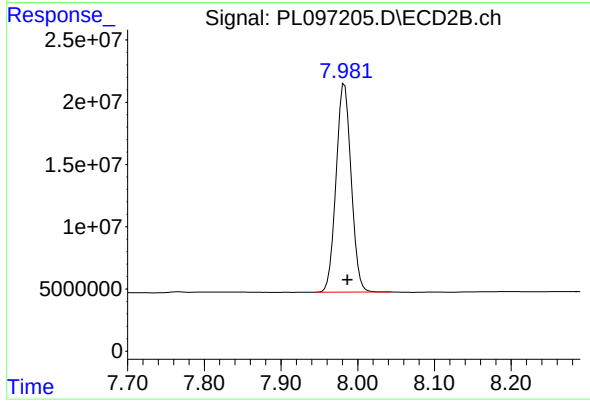
#28 Decachlorobiphenyl

R.T.: 8.999 min
Delta R.T.: -0.005 min
Response: 155180861
Conc: 52.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.983 min
Delta R.T.: -0.004 min
Response: 228634370
Conc: 47.67 ng/ml