

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091425\
 Data File : PL097198.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2025 17:02
 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 02:11:01 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...	3.526	2.822	222.7E6	305.1E6	56.467	54.124
2)	SA Decachlor...	9.001	7.983	155.4E6	214.9E6	52.487	44.819
Target Compounds							
2)	A alpha-BHC	3.973	3.327	345.7E6	465.0E6	59.668	56.631
3)	MA gamma-BHC...	4.301	3.658	318.4E6	429.6E6	58.300	58.318
4)	MA Heptachlor	4.892	4.006	300.9E6	399.7E6	56.436	53.125
5)	MB Aldrin	5.231	4.289	294.2E6	396.7E6	56.008	56.413
6)	B beta-BHC	4.488	3.954	133.6E6	181.6E6	58.415	55.678
7)	B delta-BHC	4.734	4.187	302.1E6	424.7E6	67.133	57.785
8)	B Heptachlo...	5.651	4.791	266.0E6	351.1E6	51.684	55.507
9)	A Endosulfan I	6.033	5.161	236.8E6	327.4E6	55.113	54.639
10)	B gamma-Chl...	5.903	5.042	262.2E6	369.2E6	56.934m	55.845
11)	B alpha-Chl...	5.985	5.107	257.8E6	359.0E6	54.782	54.977
12)	B 4,4'-DDE	6.156	5.295	227.7E6	336.5E6	57.074	54.681
13)	MA Dieldrin	6.305	5.426	250.0E6	353.9E6	55.061	54.003
14)	MA Endrin	6.532	5.700	183.2E6	282.3E6	48.913	47.787
15)	B Endosulfa...	6.745	5.993	220.3E6	298.5E6	49.999	52.197
16)	A 4,4'-DDD	6.663	5.848	187.6E6	302.5E6	59.437m	57.932
17)	MA 4,4'-DDT	6.979	6.101	157.5E6	231.1E6	44.979	42.188
18)	B Endrin al...	6.874	6.171	149.3E6	218.2E6	57.395	52.729
19)	B Endosulfa...	7.107	6.395	191.4E6	281.1E6	55.733	50.167
20)	A Methoxychlor	7.452	6.673	76656174	121.2E6	44.170	40.415
21)	B Endrin ke...	7.587	6.899	206.3E6	322.1E6	58.033	51.470
22)	Mirex	8.065	7.088	154.0E6	233.2E6	51.457	48.015

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091425\
Data File : PL097198.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Sep 2025 17:02
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

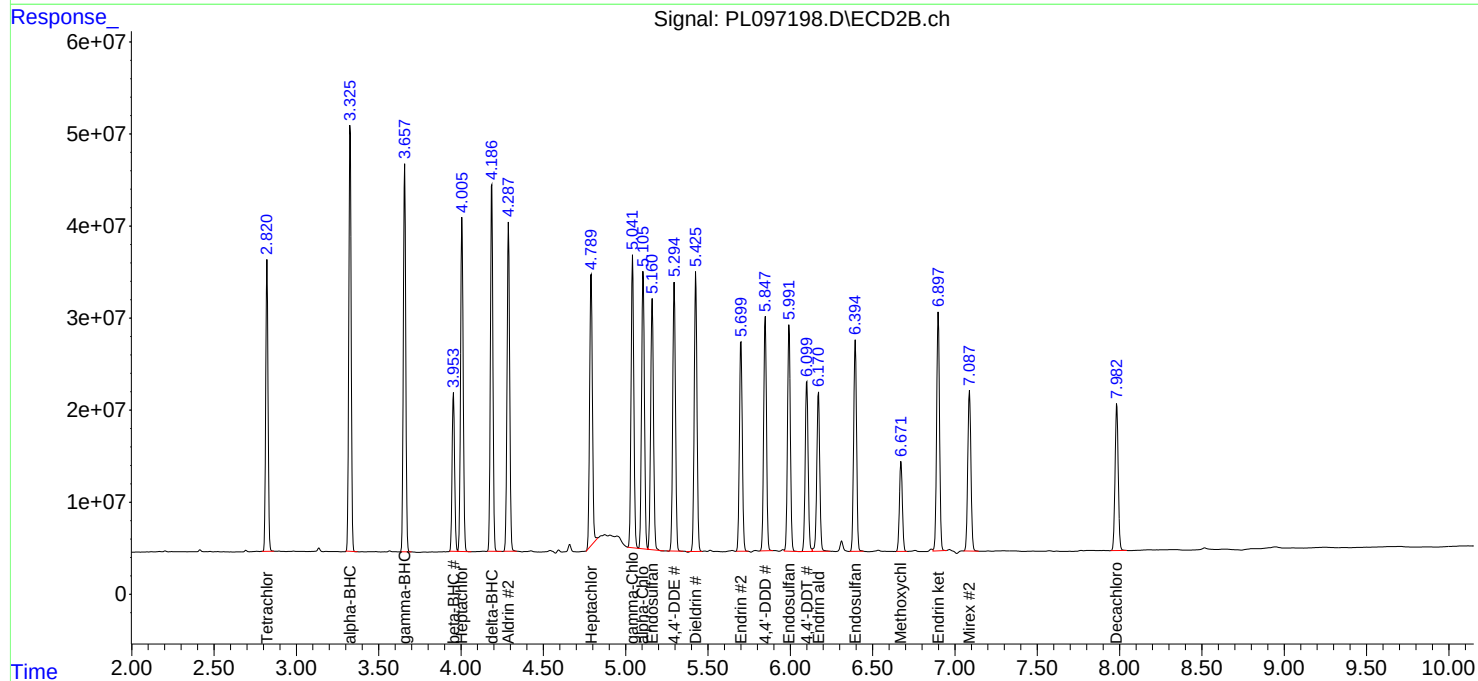
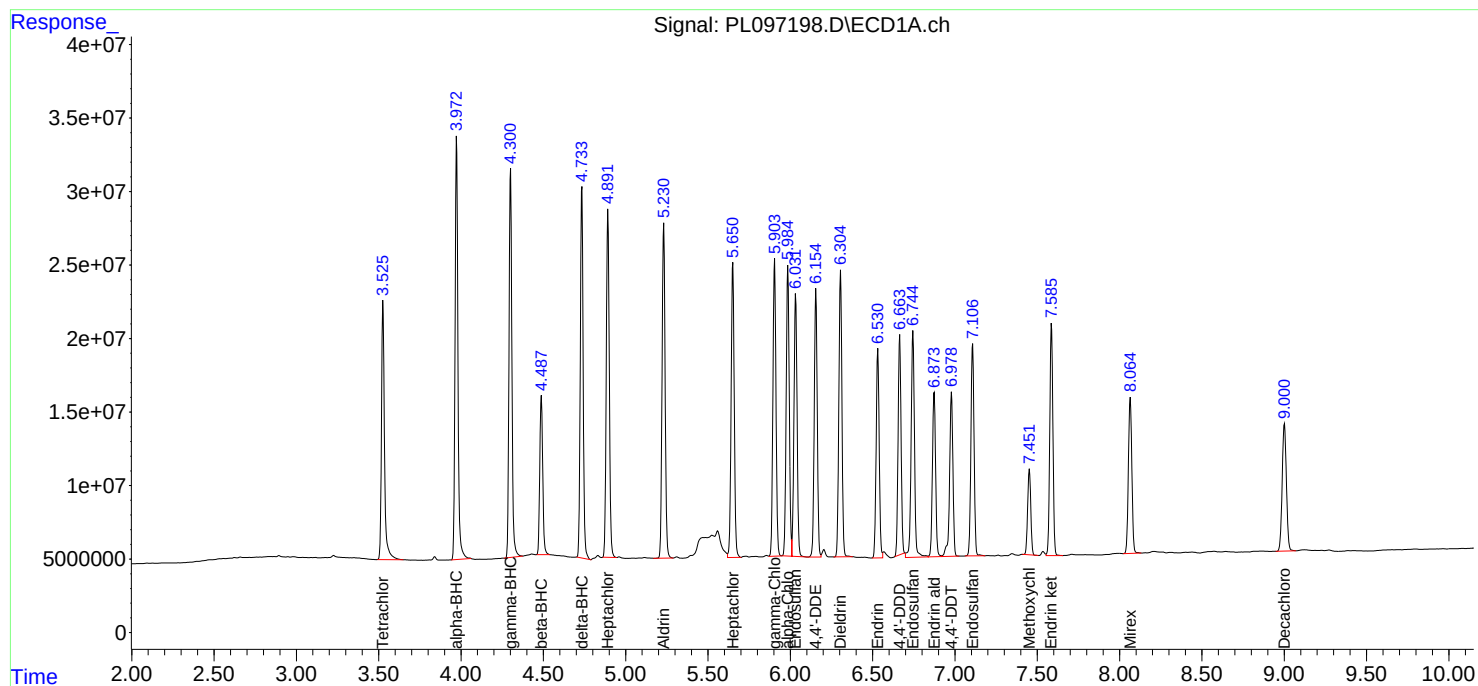
APPROVED

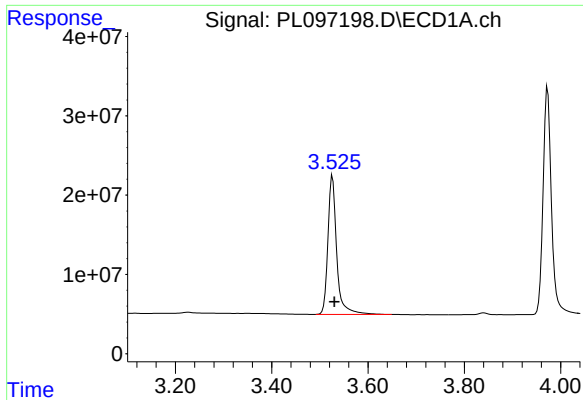
Reviewed By :Abdul Mirza 09/16/2025

Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 13 02:11:01 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





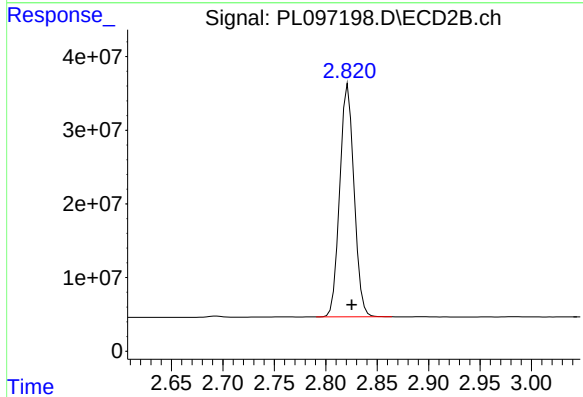
#1 Tetrachloro-m-xylene

R.T.: 3.526 min
Delta R.T.: -0.004 min
Response: 222697212
Conc: 56.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

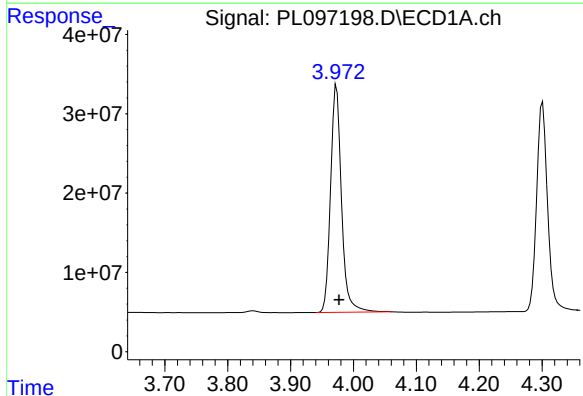
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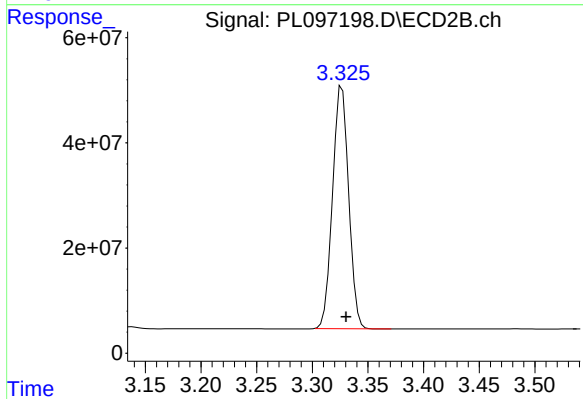
#1 Tetrachloro-m-xylene

R.T.: 2.822 min
Delta R.T.: -0.004 min
Response: 305076352
Conc: 54.12 ng/ml



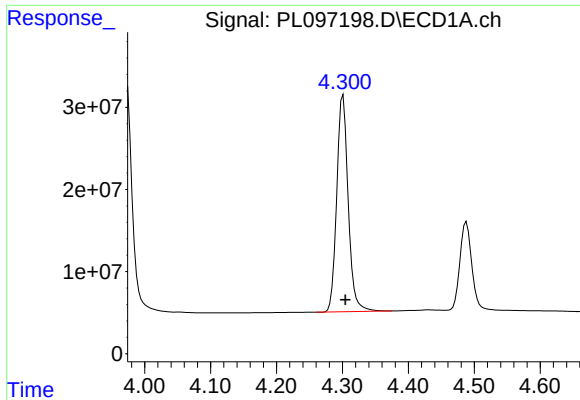
#2 alpha-BHC

R.T.: 3.973 min
Delta R.T.: -0.004 min
Response: 345720034
Conc: 59.67 ng/ml



#2 alpha-BHC

R.T.: 3.327 min
Delta R.T.: -0.004 min
Response: 465013345
Conc: 56.63 ng/ml



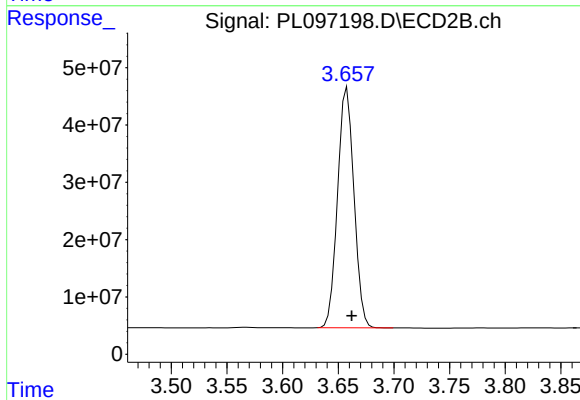
#3 gamma-BHC (Lindane)

R.T.: 4.301 min
Delta R.T.: -0.004 min
Response: 318425178
Conc: 58.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

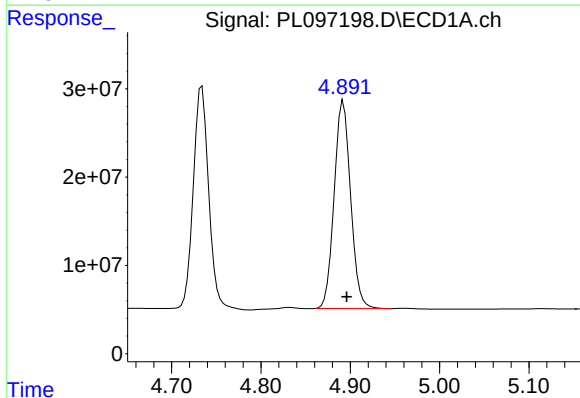
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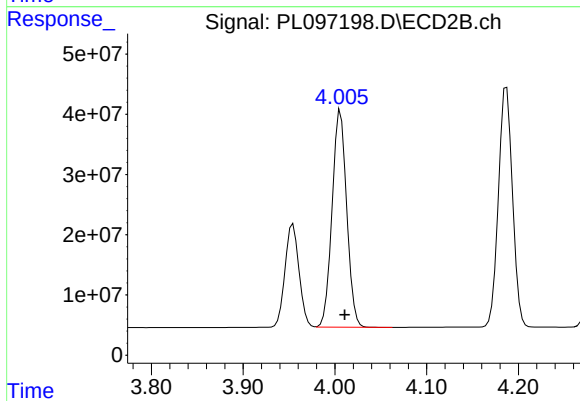
#3 gamma-BHC (Lindane)

R.T.: 3.658 min
Delta R.T.: -0.004 min
Response: 429600657
Conc: 58.32 ng/ml



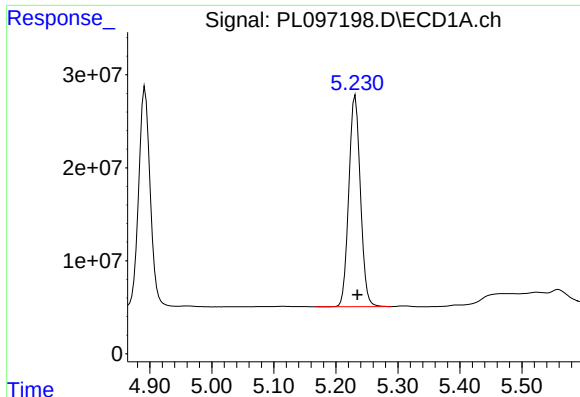
#4 Heptachlor

R.T.: 4.892 min
Delta R.T.: -0.004 min
Response: 300934960
Conc: 56.44 ng/ml



#4 Heptachlor

R.T.: 4.006 min
Delta R.T.: -0.004 min
Response: 399725320
Conc: 53.13 ng/ml



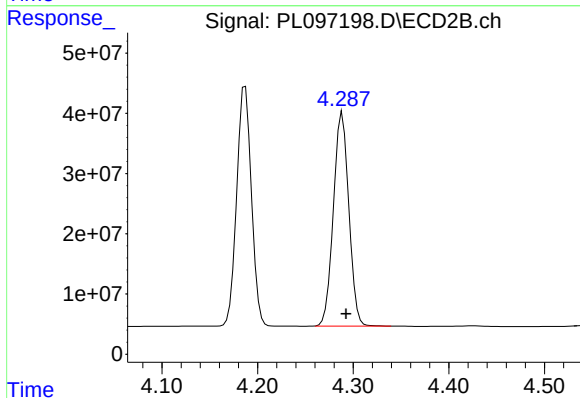
#5 Aldrin

R.T.: 5.231 min
Delta R.T.: -0.004 min
Response: 294235200
Conc: 56.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

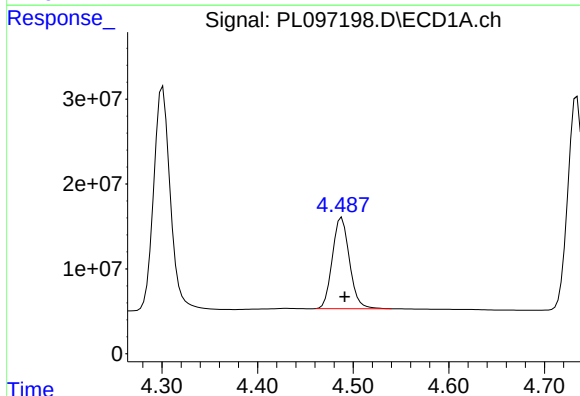
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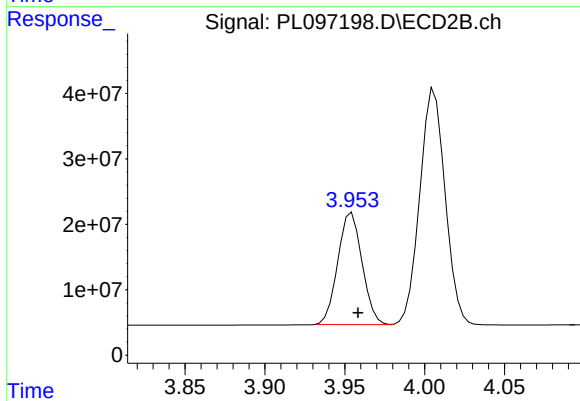
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: -0.004 min
Response: 396744911
Conc: 56.41 ng/ml



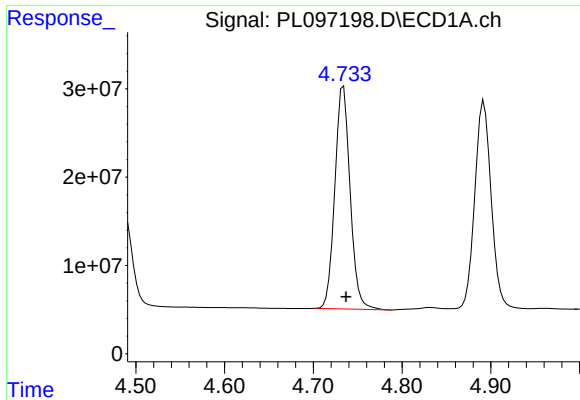
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: -0.003 min
Response: 133597064
Conc: 58.41 ng/ml



#6 beta-BHC

R.T.: 3.954 min
Delta R.T.: -0.004 min
Response: 181636919
Conc: 55.68 ng/ml



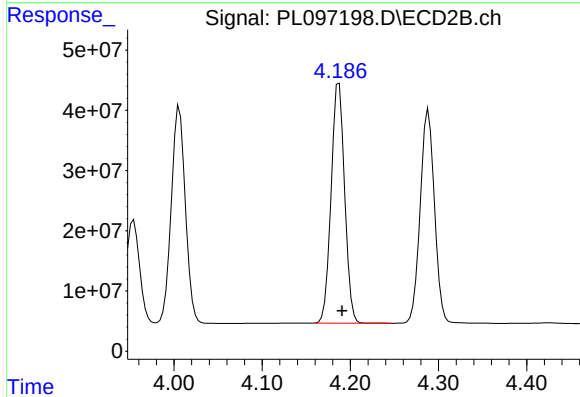
#7 delta-BHC

R.T.: 4.734 min
Delta R.T.: -0.003 min
Response: 302096209
Conc: 67.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

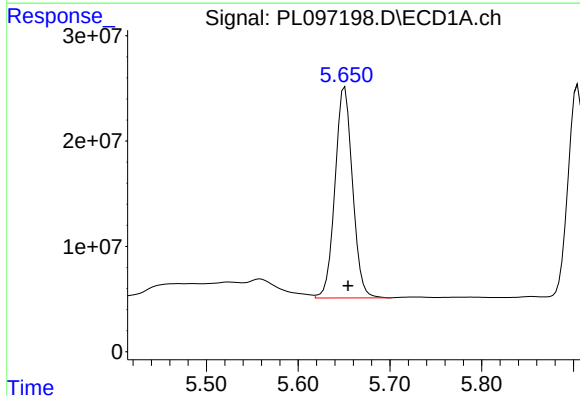
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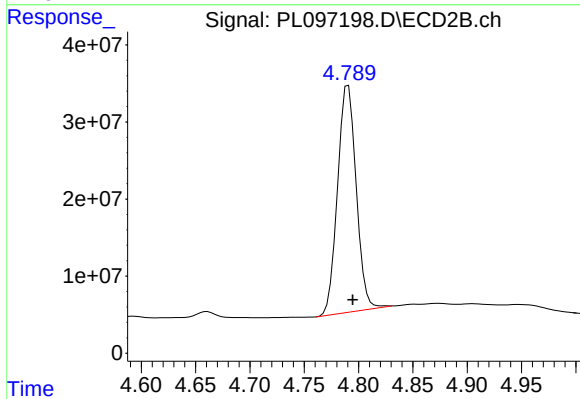
#7 delta-BHC

R.T.: 4.187 min
Delta R.T.: -0.004 min
Response: 424650816
Conc: 57.78 ng/ml



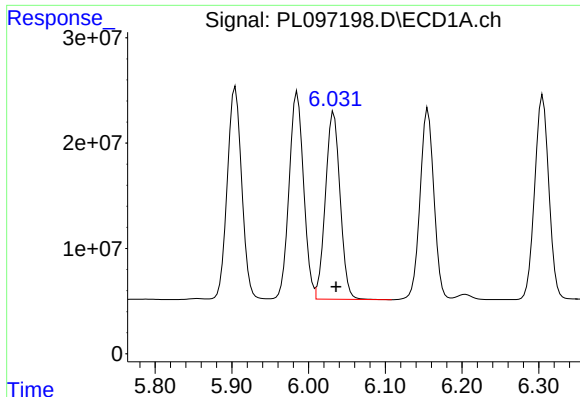
#8 Heptachlor epoxide

R.T.: 5.651 min
Delta R.T.: -0.004 min
Response: 265955469
Conc: 51.68 ng/ml



#8 Heptachlor epoxide

R.T.: 4.791 min
Delta R.T.: -0.004 min
Response: 351083987
Conc: 55.51 ng/ml



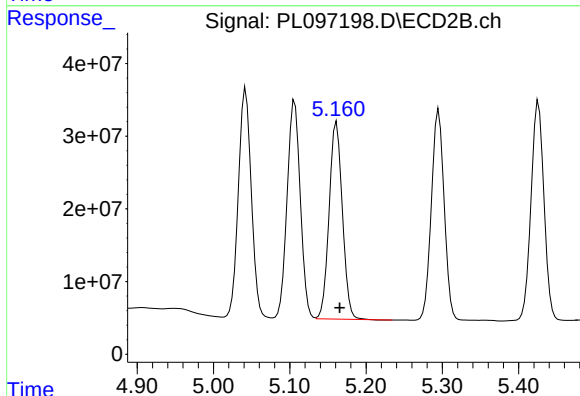
#9 Endosulfan I

R.T.: 6.033 min
Delta R.T.: -0.003 min
Response: 236808474
Conc: 55.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

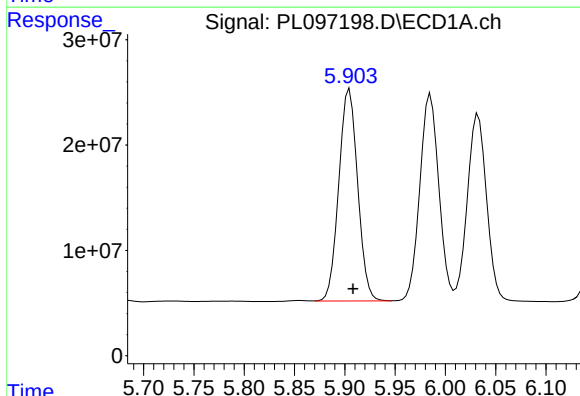
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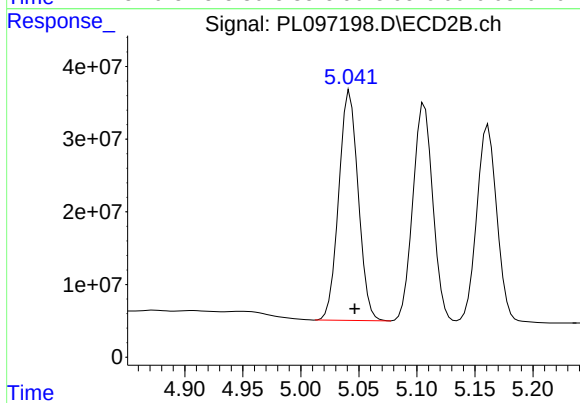
#9 Endosulfan I

R.T.: 5.161 min
Delta R.T.: -0.004 min
Response: 327357835
Conc: 54.64 ng/ml



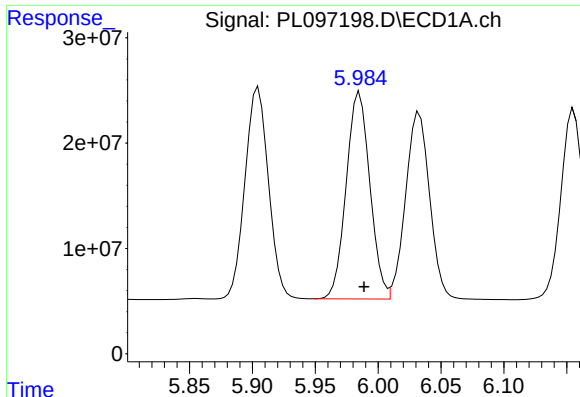
#10 gamma-Chlordane

R.T.: 5.903 min
Delta R.T.: -0.005 min
Response: 262206970
Conc: 56.93 ng/ml m



#10 gamma-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.004 min
Response: 369193355
Conc: 55.84 ng/ml



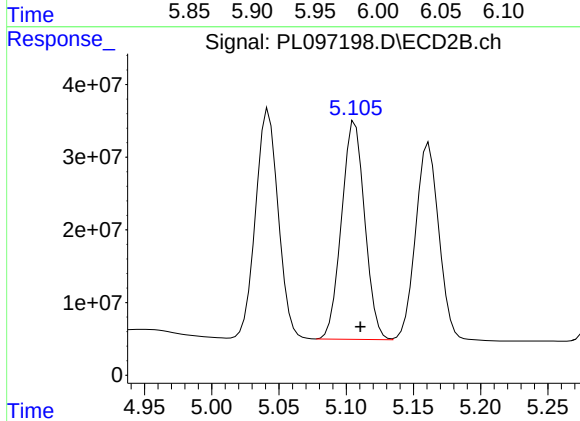
#11 alpha-Chlordane

R.T.: 5.985 min
Delta R.T.: -0.003 min
Response: 257796207
Conc: 54.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

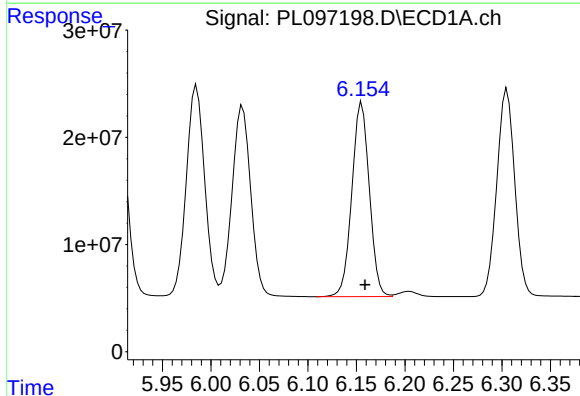
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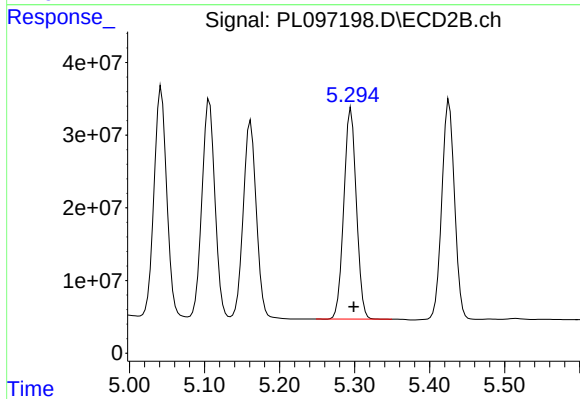
#11 alpha-Chlordane

R.T.: 5.107 min
Delta R.T.: -0.004 min
Response: 358988147
Conc: 54.98 ng/ml



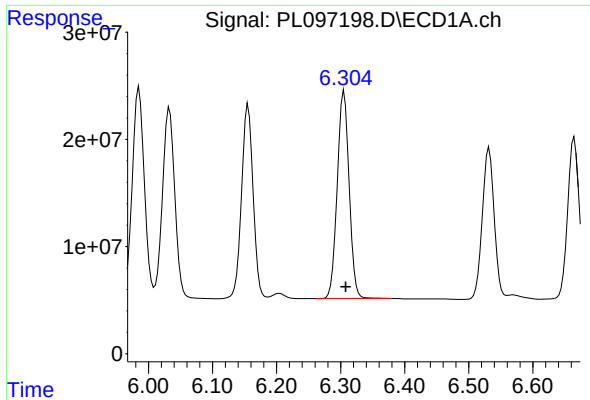
#12 4,4'-DDE

R.T.: 6.156 min
Delta R.T.: -0.003 min
Response: 227732527
Conc: 57.07 ng/ml



#12 4,4'-DDE

R.T.: 5.295 min
Delta R.T.: -0.004 min
Response: 336545804
Conc: 54.68 ng/ml



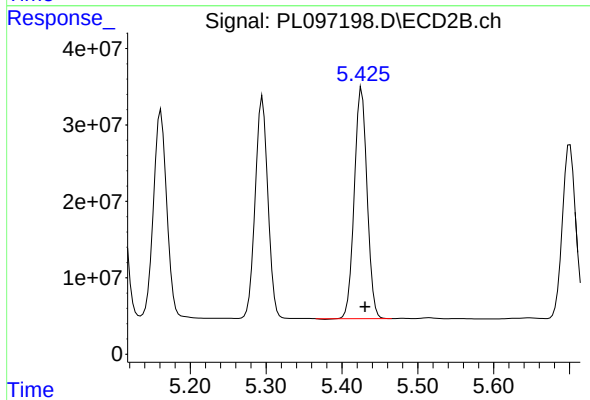
#13 Dieldrin

R.T.: 6.305 min
Delta R.T.: -0.003 min
Response: 250024711
Conc: 55.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

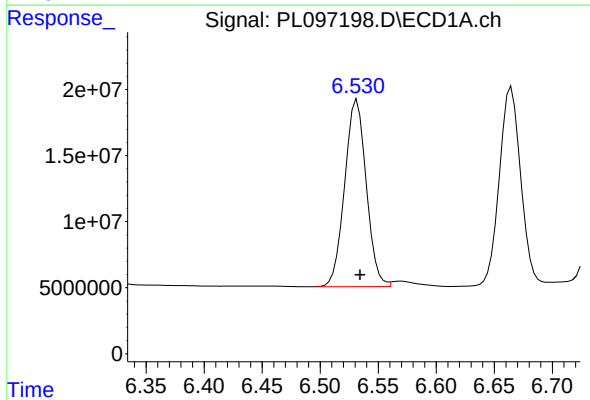
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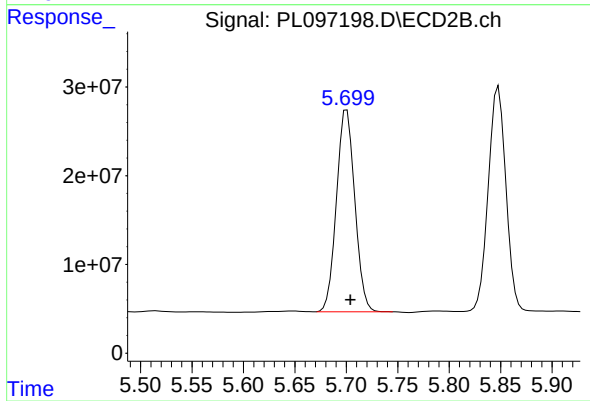
#13 Dieldrin

R.T.: 5.426 min
Delta R.T.: -0.004 min
Response: 353881535
Conc: 54.00 ng/ml



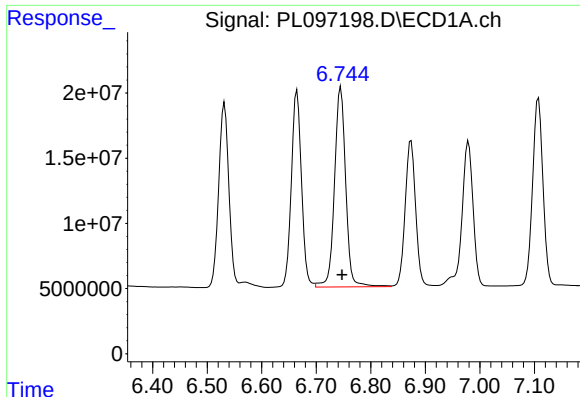
#14 Endrin

R.T.: 6.532 min
Delta R.T.: -0.003 min
Response: 183174971
Conc: 48.91 ng/ml



#14 Endrin

R.T.: 5.700 min
Delta R.T.: -0.004 min
Response: 282288863
Conc: 47.79 ng/ml



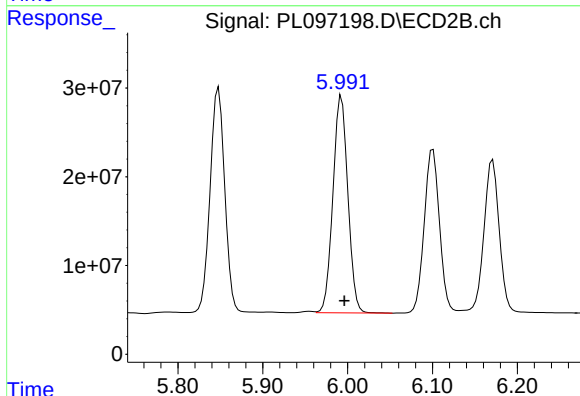
#15 Endosulfan II

R.T.: 6.745 min
Delta R.T.: -0.003 min
Response: 220250056
Conc: 50.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

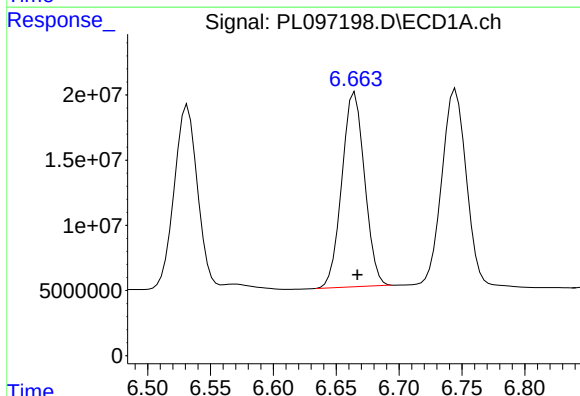
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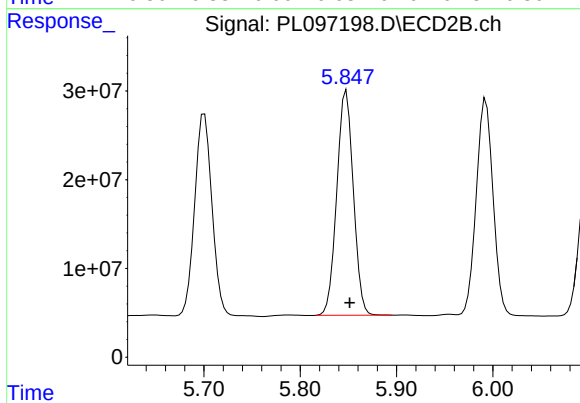
#15 Endosulfan II

R.T.: 5.993 min
Delta R.T.: -0.004 min
Response: 298499248
Conc: 52.20 ng/ml



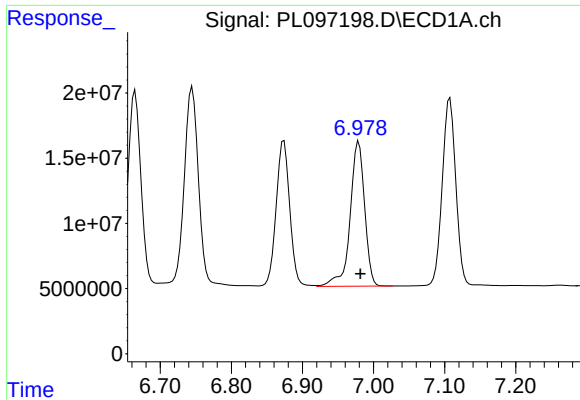
#16 4,4'-DDD

R.T.: 6.663 min
Delta R.T.: -0.004 min
Response: 187570710
Conc: 59.44 ng/ml m



#16 4,4'-DDD

R.T.: 5.848 min
Delta R.T.: -0.004 min
Response: 302539655
Conc: 57.93 ng/ml



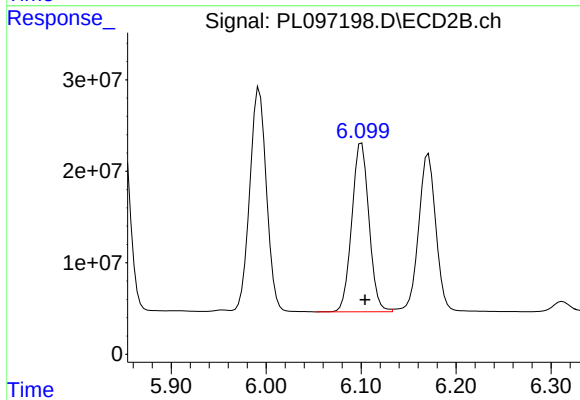
#17 4,4'-DDT

R.T.: 6.979 min
Delta R.T.: -0.002 min
Response: 157537225
Conc: 44.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

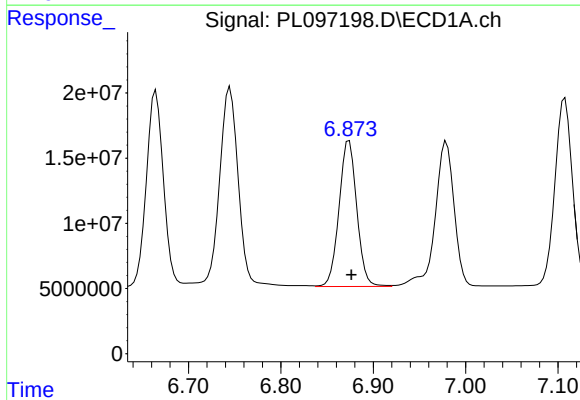
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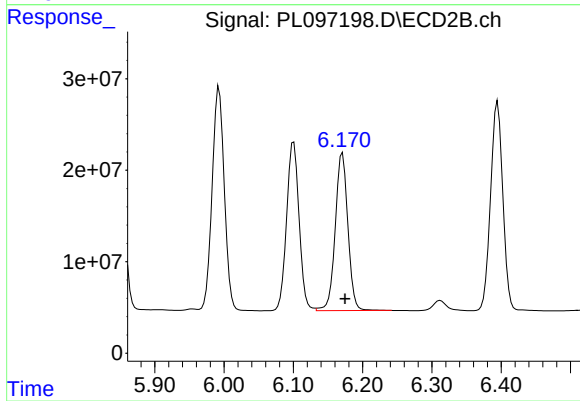
#17 4,4'-DDT

R.T.: 6.101 min
Delta R.T.: -0.004 min
Response: 231074381
Conc: 42.19 ng/ml



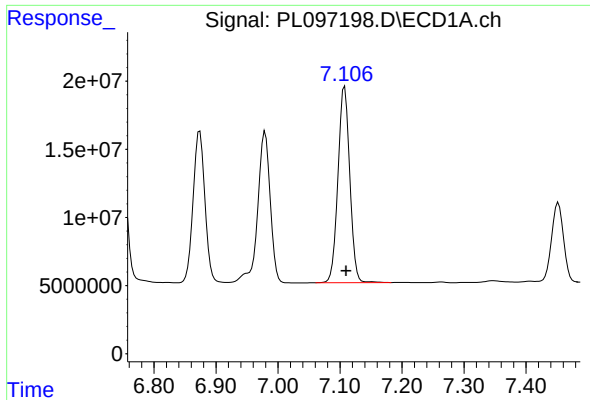
#18 Endrin aldehyde

R.T.: 6.874 min
Delta R.T.: -0.002 min
Response: 149308798
Conc: 57.39 ng/ml



#18 Endrin aldehyde

R.T.: 6.171 min
Delta R.T.: -0.004 min
Response: 218189118
Conc: 52.73 ng/ml



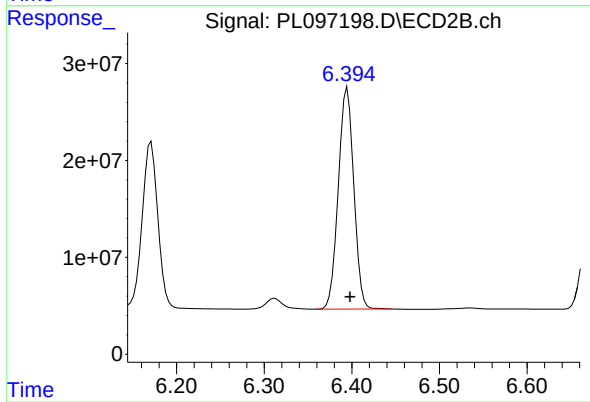
#19 Endosulfan Sulfate

R.T.: 7.107 min
Delta R.T.: -0.002 min
Response: 191351729
Conc: 55.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

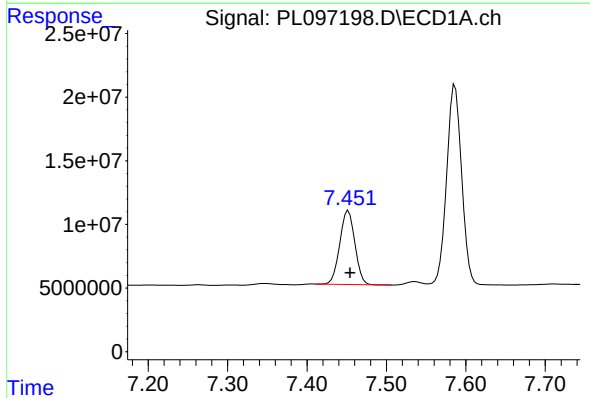
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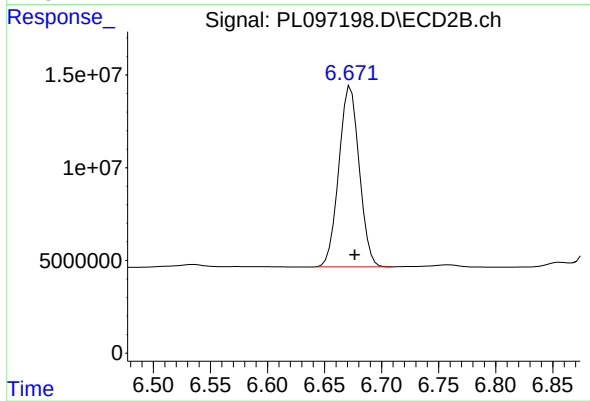
#19 Endosulfan Sulfate

R.T.: 6.395 min
Delta R.T.: -0.003 min
Response: 281084825
Conc: 50.17 ng/ml



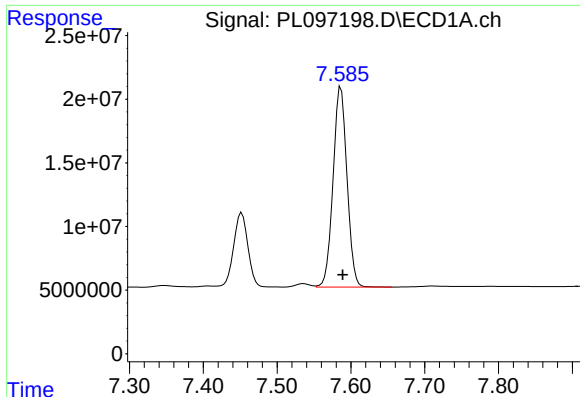
#20 Methoxychlor

R.T.: 7.452 min
Delta R.T.: -0.002 min
Response: 76656174
Conc: 44.17 ng/ml



#20 Methoxychlor

R.T.: 6.673 min
Delta R.T.: -0.004 min
Response: 121235927
Conc: 40.41 ng/ml



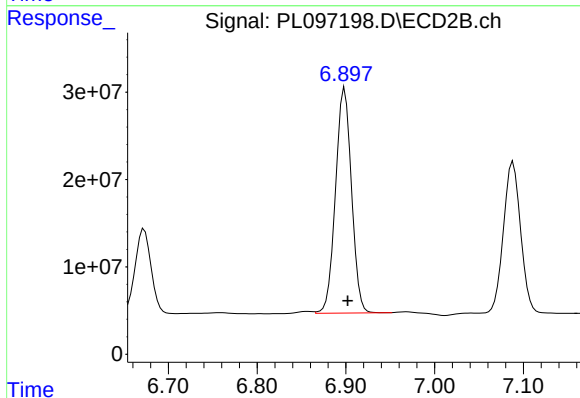
#21 Endrin ketone

R.T.: 7.587 min
Delta R.T.: -0.002 min
Response: 206322224
Conc: 58.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

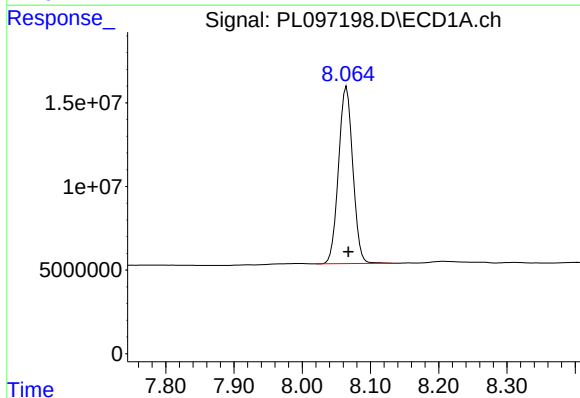
Manual Integrations
APPROVED

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



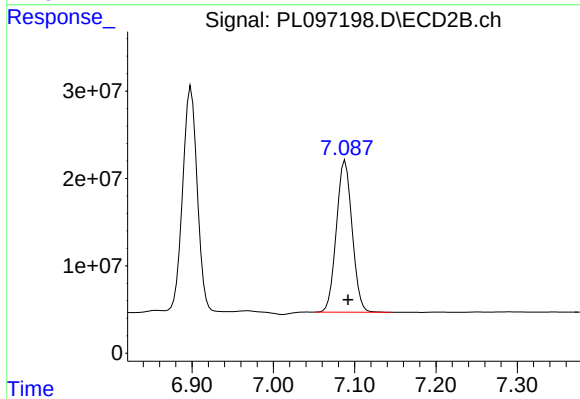
#21 Endrin ketone

R.T.: 6.899 min
Delta R.T.: -0.003 min
Response: 322148551
Conc: 51.47 ng/ml



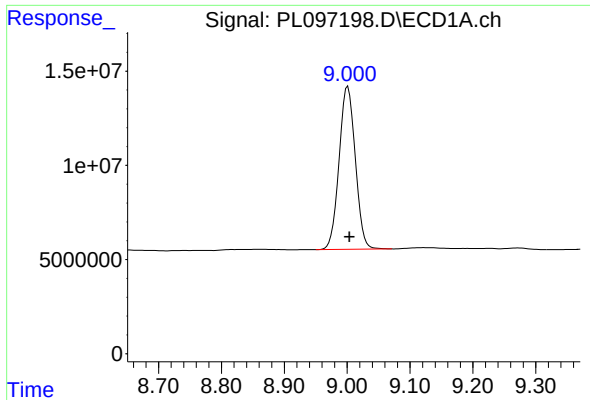
#22 Mirex

R.T.: 8.065 min
Delta R.T.: -0.003 min
Response: 153953654
Conc: 51.46 ng/ml



#22 Mirex

R.T.: 7.088 min
Delta R.T.: -0.003 min
Response: 233187782
Conc: 48.01 ng/ml



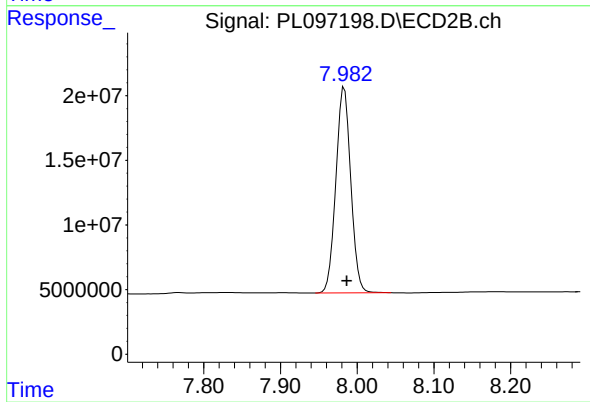
#28 Decachlorobiphenyl

R.T.: 9.001 min
Delta R.T.: -0.003 min
Response: 155397309
Conc: 52.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 09/17/2025



#28 Decachlorobiphenyl

R.T.: 7.983 min
Delta R.T.: -0.003 min
Response: 214943490
Conc: 44.82 ng/ml