

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052725\
 Data File : PL095789.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 May 2025 11:58
 Operator : AR\AJ
 Sample : Q2109-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-02-MHFMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/29/2025
 Supervised By :mohammad ahmed 05/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 27 13:28:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 22 06:29:30 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...	3.571	2.882	36666033	48672614	11.621	12.436m
2) SA Decachlor...	9.099	8.057	36190659	44874245	15.359m	10.258m#
Target Compounds						
2) A alpha-BHC	4.023	3.394	195.5E6	240.9E6	40.318	41.133
3) MA gamma-BHC...	4.354	3.727	188.0E6	218.8E6	42.039	39.056
4) MA Heptachlor	4.950	4.080	148.3E6	219.9E6	39.182m	39.210
5) MB Aldrin	5.294	4.365	173.2E6	212.5E6	40.489	40.040
6) B beta-BHC	4.541	4.022	47496913	107.1E6	24.093m	43.223m#
7) B delta-BHC	4.790	4.258	182.9E6	213.6E6	41.246	37.819
8) B Heptachlo...	5.715	4.867	146.8E6	199.0E6	38.461	40.310
9) A Endosulfan I	6.098	5.240	155.5E6	161.6E6	42.439	33.919
10) B gamma-Chl...	5.970	5.118	159.5E6	201.0E6	40.973	38.258m
11) B alpha-Chl...	6.051	5.182	158.7E6	194.7E6	40.192	37.424m
12) B 4,4'-DDE	6.222	5.370	102.5E6	191.1E6	27.951	35.639 #
13) MA Dieldrin	6.371	5.502	146.5E6	193.4E6	37.957	36.497m
14) MA Endrin	6.598	5.777	109.1E6	173.8E6	33.825	35.644m
15) B Endosulfa...	6.812	6.067	124.9E6	172.6E6	36.240	36.327m
16) A 4,4'-DDD	6.730	5.920	106.2E6	165.1E6	36.240	37.658m
17) MA 4,4'-DDT	7.046	6.174	96269005	150.2E6	35.587	31.403
18) B Endrin al...	6.940	6.246	91378182	128.7E6	37.797	37.244
19) B Endosulfa...	7.174	6.470	110.8E6	144.2E6	37.081	32.077
20) A Methoxychlor	7.519	6.745	42957046	78028939	33.683	29.826
21) B Endrin ke...	7.654	6.974	118.5E6	146.5E6	37.405m	28.309
22) Mirex	8.136	7.168	90087969	124.9E6	38.936	30.769m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052725\
Data File : PL095789.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 May 2025 11:58
Operator : AR\AJ
Sample : Q2109-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

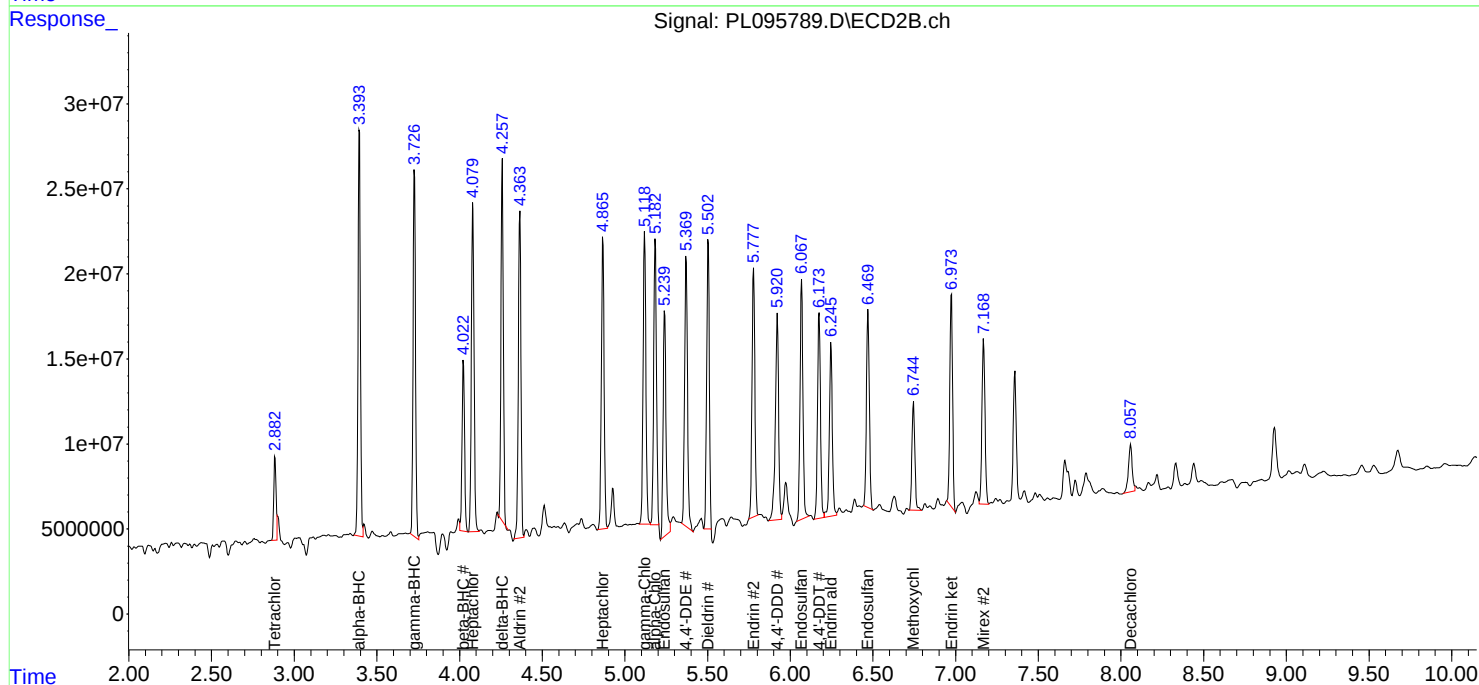
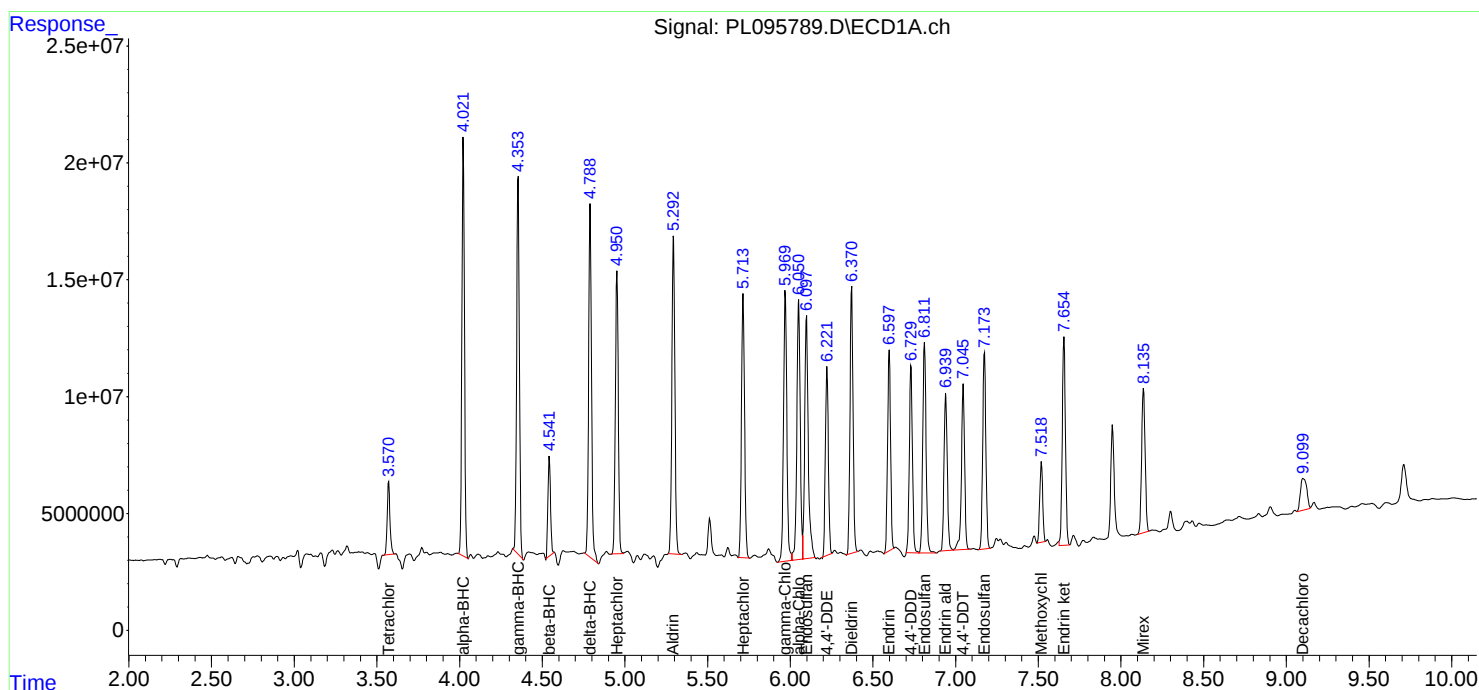
Instrument :
ECD_L
ClientSampleId :
TP-02-MHFMS

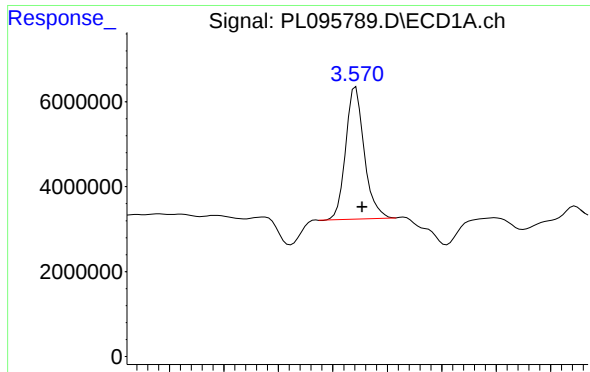
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 05/29/2025
Supervised By : mohammad ahmed 05/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 27 13:28:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
Quant Title : GC Extractables
QLast Update : Thu May 22 06:29:30 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





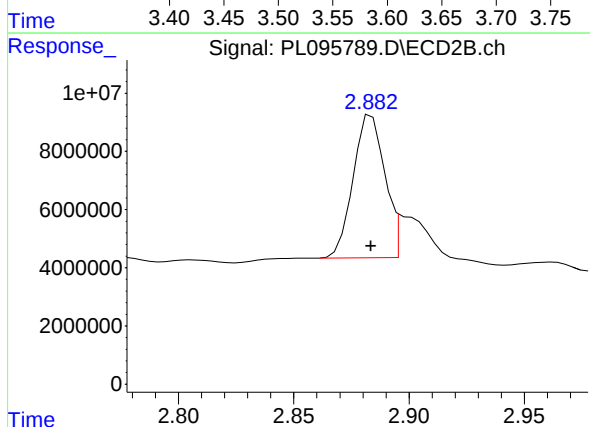
#1 Tetrachloro-m-xylene

R.T.: 3.571 min
Delta R.T.: -0.006 min
Response: 36666033
Conc: 11.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-02-MHFMS

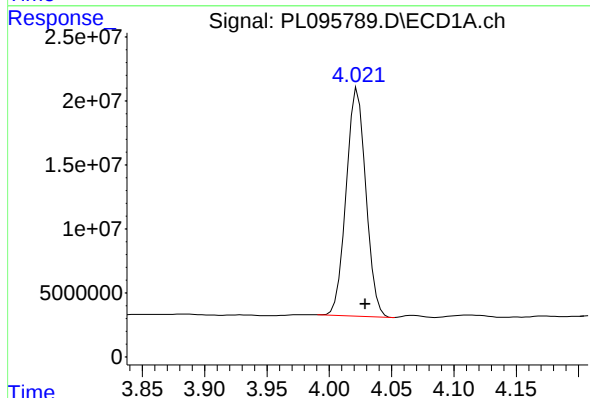
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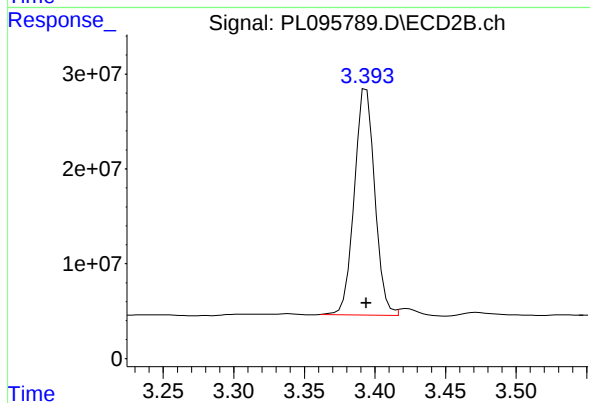
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: -0.001 min
Response: 48672614
Conc: 12.44 ng/ml



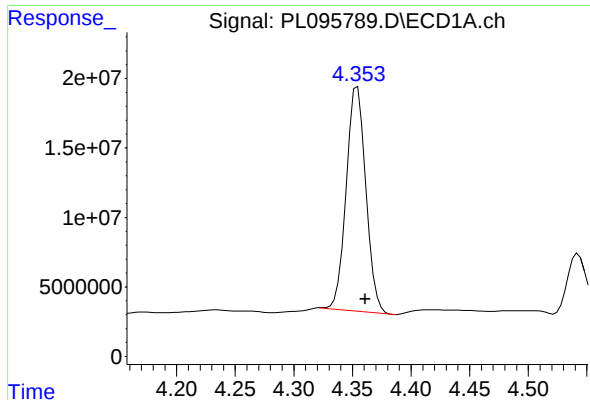
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: -0.006 min
Response: 195459611
Conc: 40.32 ng/ml



#2 alpha-BHC

R.T.: 3.394 min
Delta R.T.: 0.000 min
Response: 240931418
Conc: 41.13 ng/ml



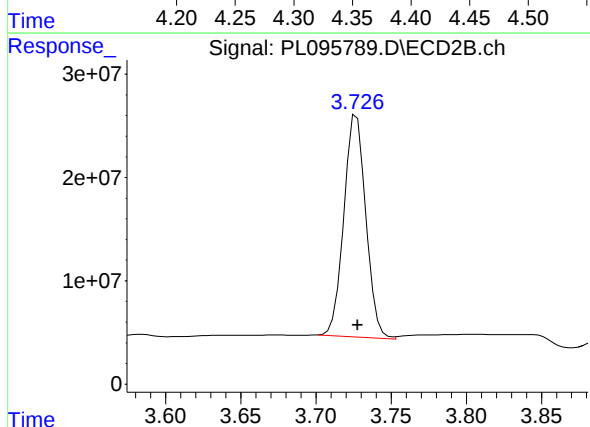
#3 gamma-BHC (Lindane)

R.T.: 4.354 min
Delta R.T.: -0.007 min
Response: 187990742
Conc: 42.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-02-MHFMS

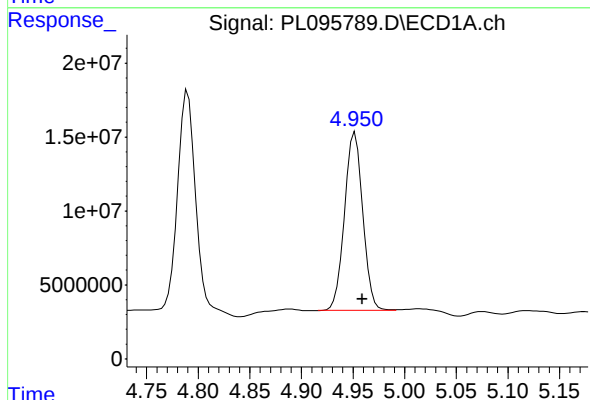
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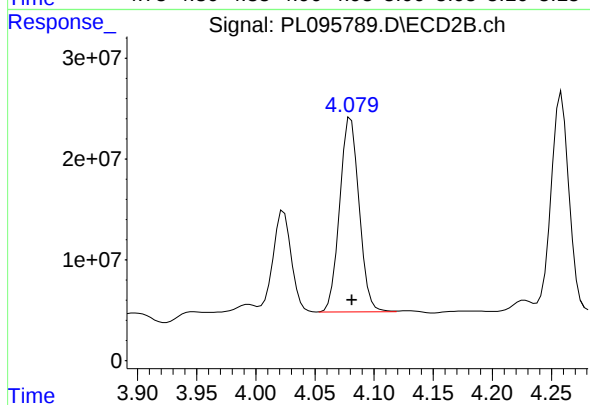
#3 gamma-BHC (Lindane)

R.T.: 3.727 min
Delta R.T.: 0.000 min
Response: 218758685
Conc: 39.06 ng/ml



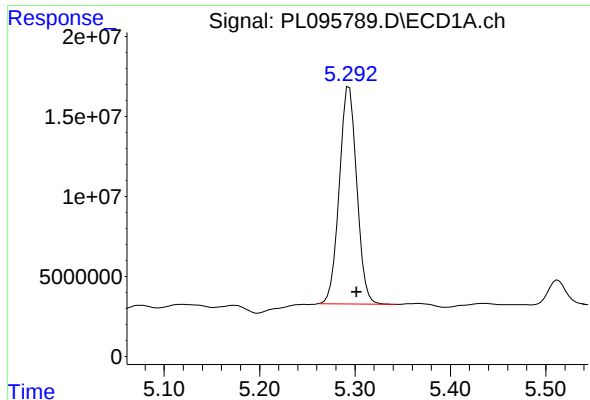
#4 Heptachlor

R.T.: 4.950 min
Delta R.T.: -0.008 min
Response: 148305517
Conc: 39.18 ng/ml m



#4 Heptachlor

R.T.: 4.080 min
Delta R.T.: 0.000 min
Response: 219929836
Conc: 39.21 ng/ml



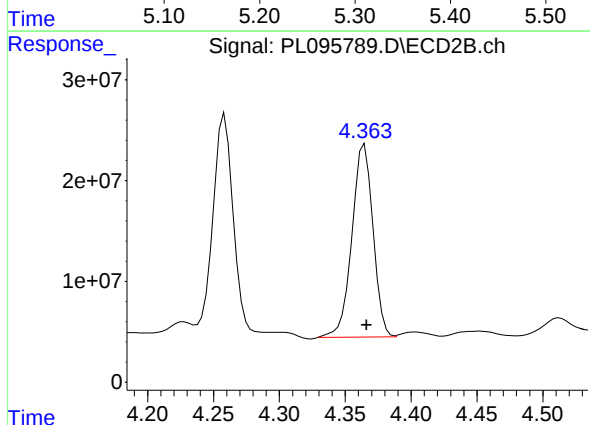
#5 Aldrin

R.T.: 5.294 min
Delta R.T.: -0.008 min
Response: 173202740
Conc: 40.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-02-MHFMS

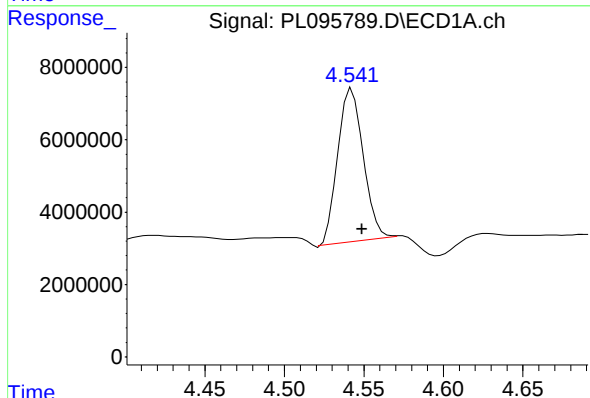
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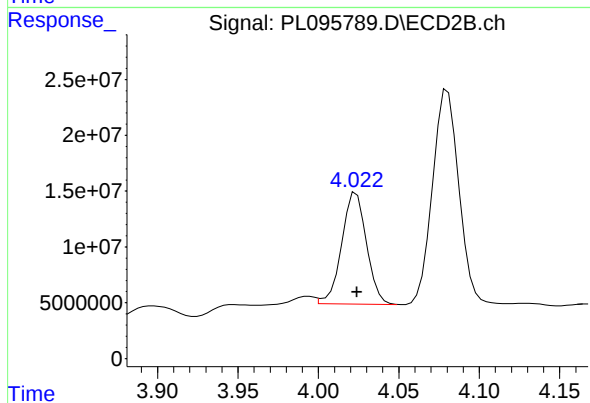
#5 Aldrin

R.T.: 4.365 min
Delta R.T.: -0.002 min
Response: 212496587
Conc: 40.04 ng/ml



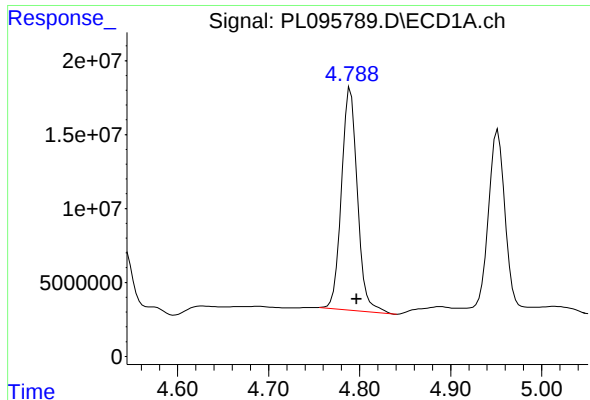
#6 beta-BHC

R.T.: 4.541 min
Delta R.T.: -0.008 min
Response: 47496913
Conc: 24.09 ng/ml m



#6 beta-BHC

R.T.: 4.022 min
Delta R.T.: -0.002 min
Response: 107088457
Conc: 43.22 ng/ml m



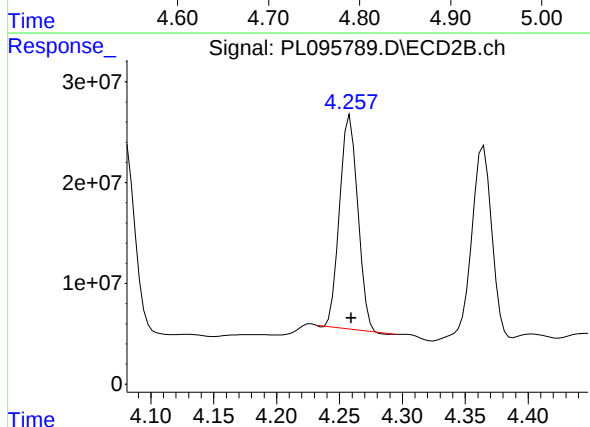
#7 delta-BHC

R.T.: 4.790 min
Delta R.T.: -0.007 min
Response: 182867461
Conc: 41.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-02-MHFMS

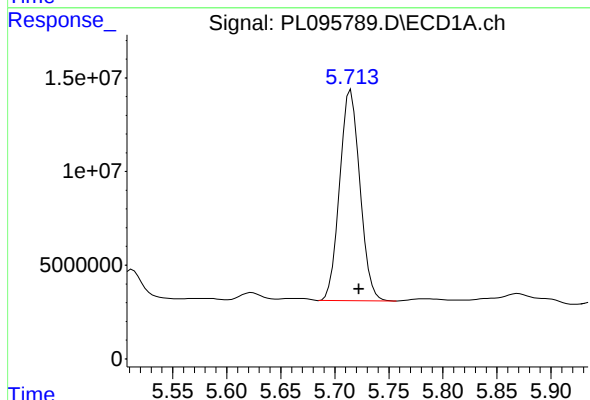
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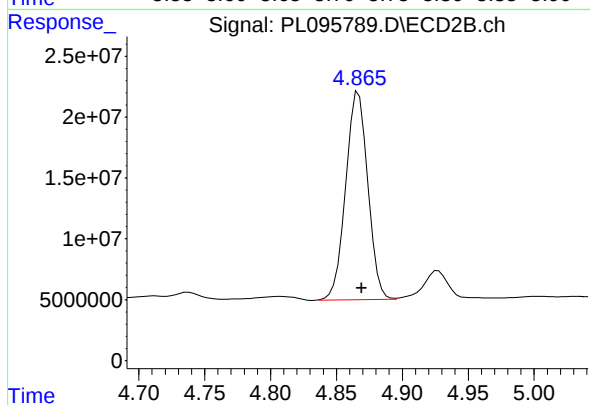
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 213578817
Conc: 37.82 ng/ml



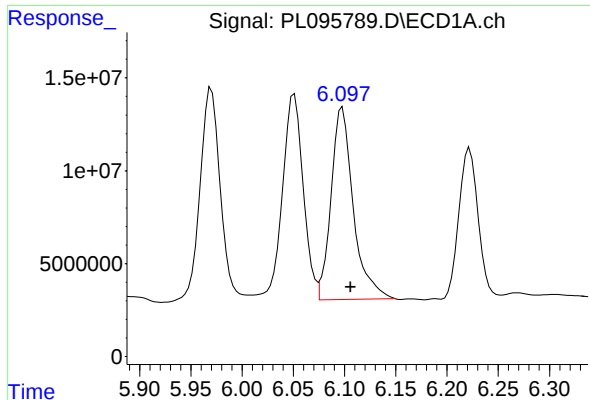
#8 Heptachlor epoxide

R.T.: 5.715 min
Delta R.T.: -0.007 min
Response: 146799889
Conc: 38.46 ng/ml



#8 Heptachlor epoxide

R.T.: 4.867 min
Delta R.T.: -0.002 min
Response: 199028583
Conc: 40.31 ng/ml



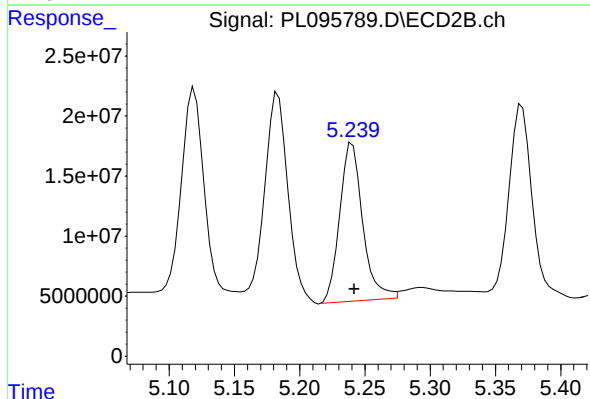
#9 Endosulfan I

R.T.: 6.098 min
Delta R.T.: -0.008 min
Response: 155530999
Conc: 42.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-02-MHFMS

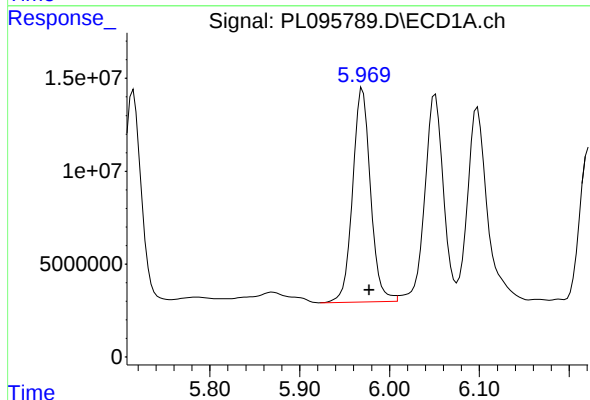
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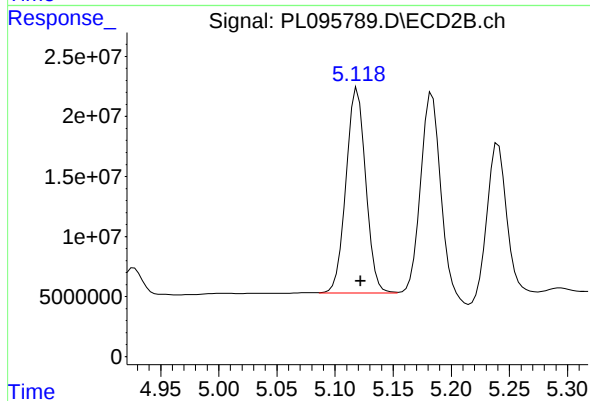
#9 Endosulfan I

R.T.: 5.240 min
Delta R.T.: -0.001 min
Response: 161623176
Conc: 33.92 ng/ml



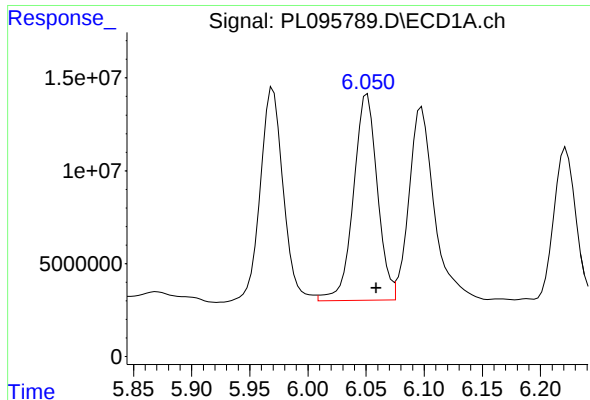
#10 gamma-Chlordane

R.T.: 5.970 min
Delta R.T.: -0.007 min
Response: 159471054
Conc: 40.97 ng/ml



#10 gamma-Chlordane

R.T.: 5.118 min
Delta R.T.: -0.004 min
Response: 200959030
Conc: 38.26 ng/ml m



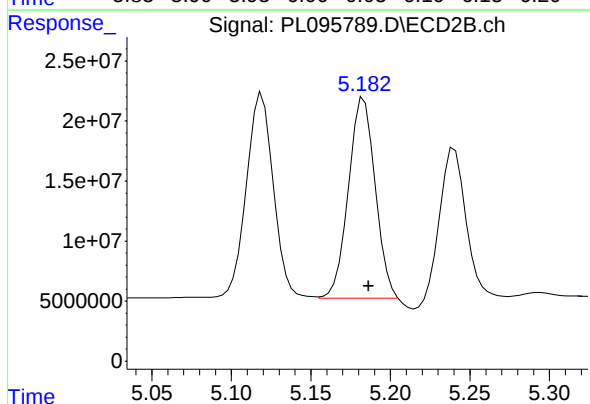
#11 alpha-Chlordane

R.T.: 6.051 min
Delta R.T.: -0.008 min
Response: 158685948
Conc: 40.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-02-MHFMS

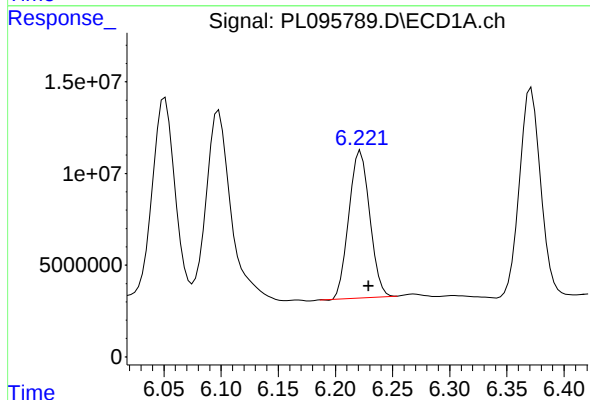
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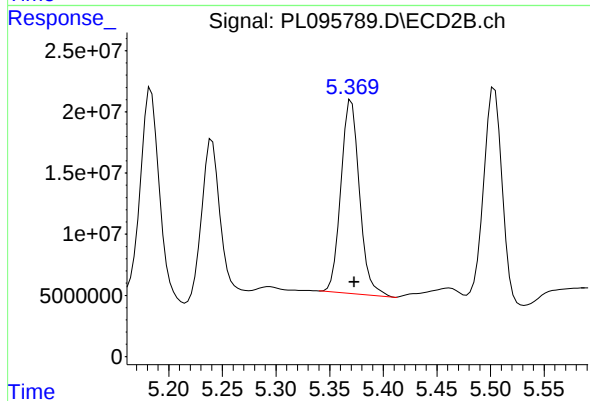
#11 alpha-Chlordane

R.T.: 5.182 min
Delta R.T.: -0.004 min
Response: 194709602
Conc: 37.42 ng/ml



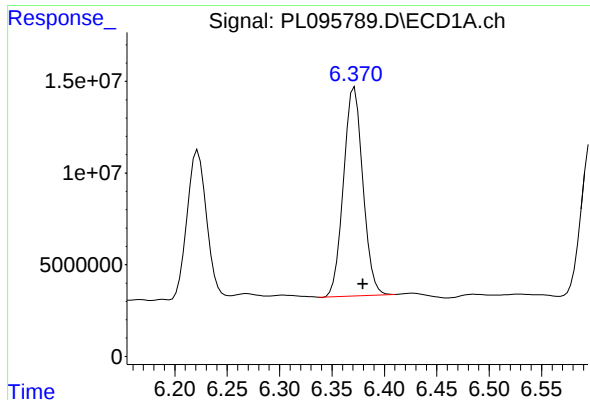
#12 4,4'-DDE

R.T.: 6.222 min
Delta R.T.: -0.007 min
Response: 102522834
Conc: 27.95 ng/ml



#12 4,4'-DDE

R.T.: 5.370 min
Delta R.T.: -0.003 min
Response: 191100650
Conc: 35.64 ng/ml



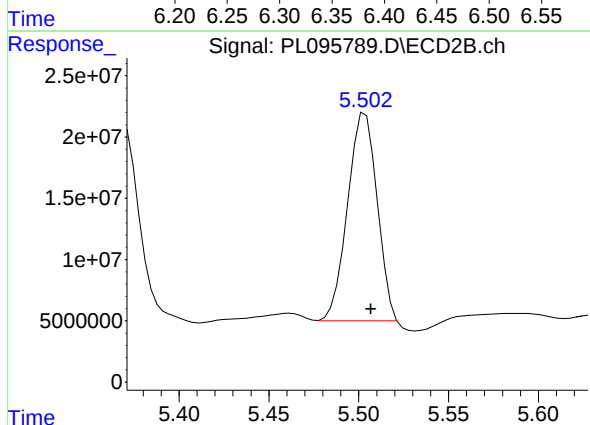
#13 Dieldrin

R.T.: 6.371 min
Delta R.T.: -0.008 min
Response: 146482161
Conc: 37.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-02-MHFMS

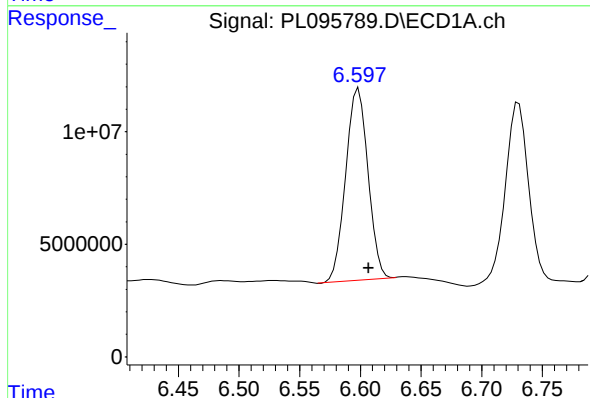
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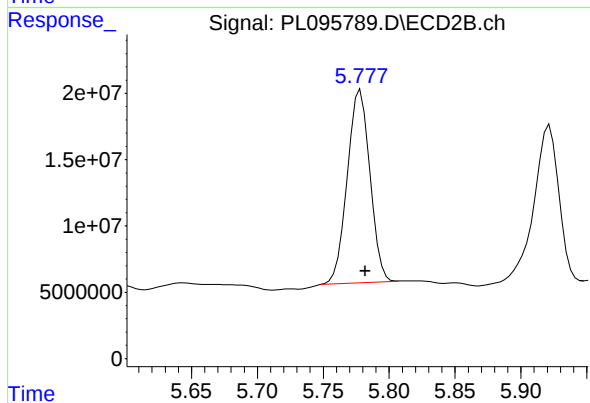
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: -0.004 min
Response: 193438155
Conc: 36.50 ng/ml m



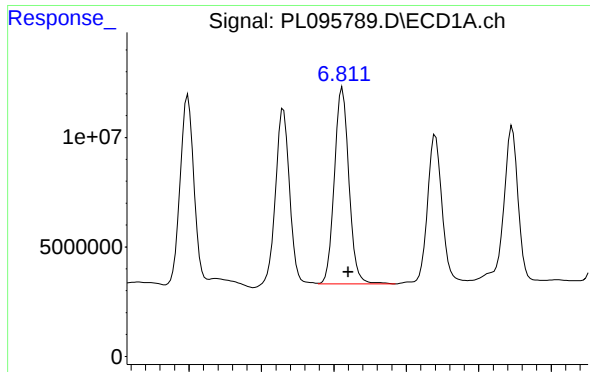
#14 Endrin

R.T.: 6.598 min
Delta R.T.: -0.008 min
Response: 109145926
Conc: 33.83 ng/ml



#14 Endrin

R.T.: 5.777 min
Delta R.T.: -0.005 min
Response: 173805724
Conc: 35.64 ng/ml m



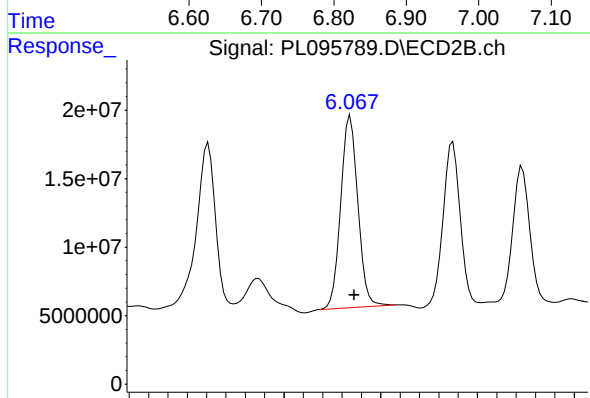
#15 Endosulfan II

R.T.: 6.812 min
Delta R.T.: -0.008 min
Response: 124885550
Conc: 36.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-02-MHFMS

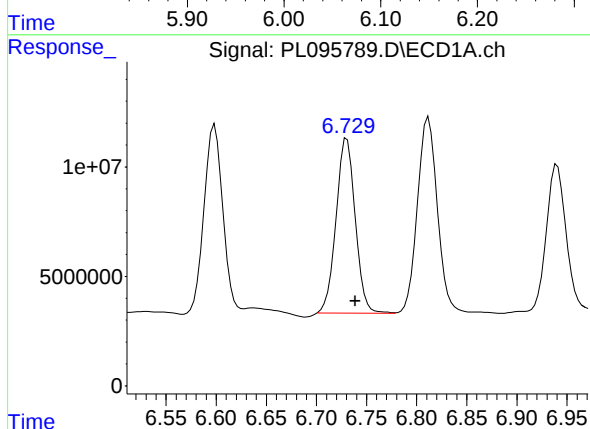
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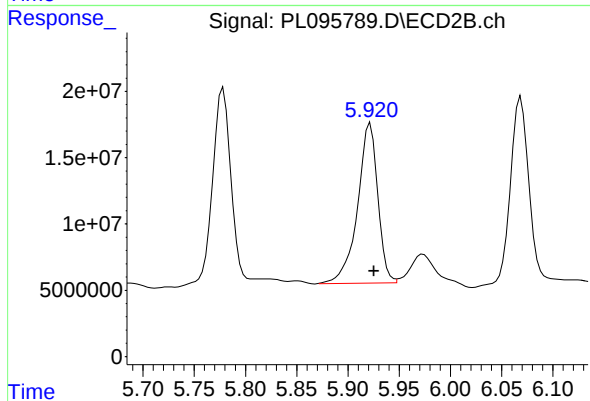
#15 Endosulfan II

R.T.: 6.067 min
Delta R.T.: -0.005 min
Response: 172620337
Conc: 36.33 ng/ml m



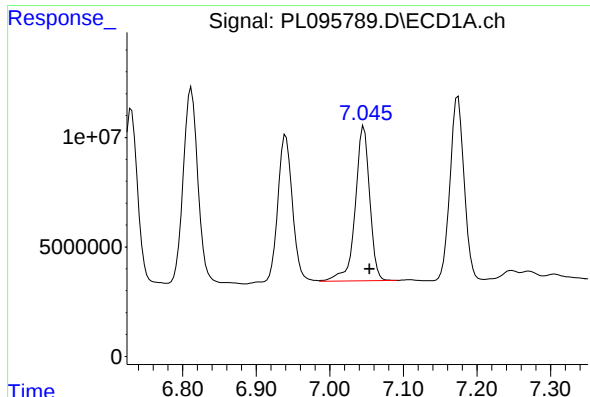
#16 4,4'-DDD

R.T.: 6.730 min
Delta R.T.: -0.008 min
Response: 106205245
Conc: 36.24 ng/ml



#16 4,4'-DDD

R.T.: 5.920 min
Delta R.T.: -0.005 min
Response: 165125689
Conc: 37.66 ng/ml m



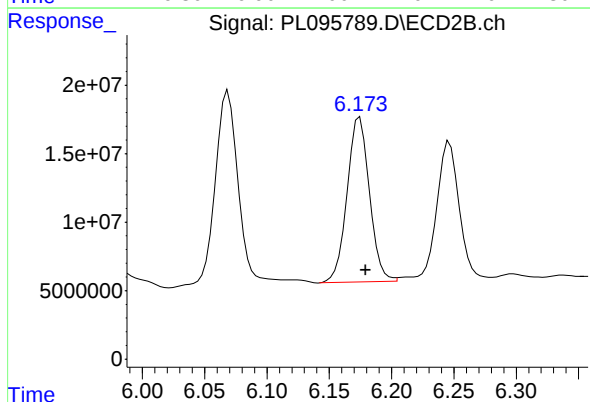
#17 4,4'-DDT

R.T.: 7.046 min
Delta R.T.: -0.008 min
Response: 96269005
Conc: 35.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-02-MHFMS

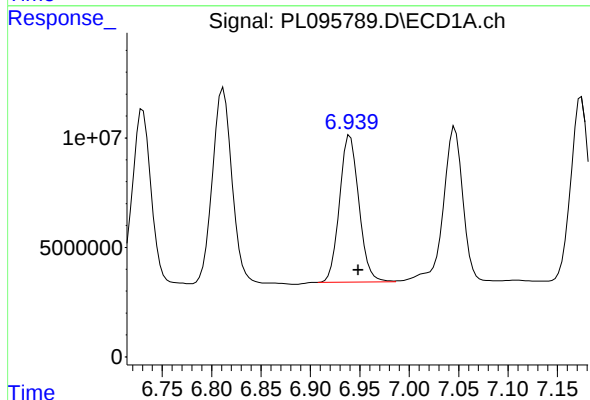
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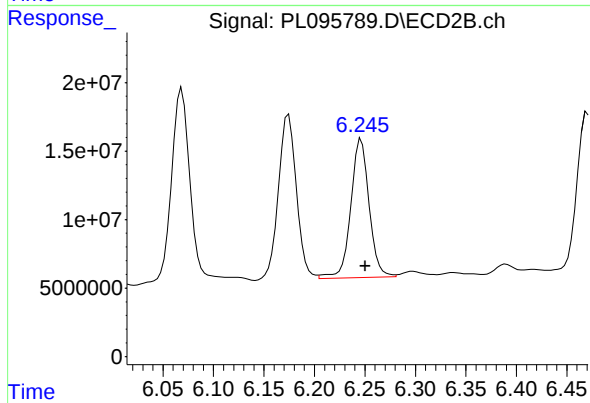
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: -0.005 min
Response: 150187085
Conc: 31.40 ng/ml



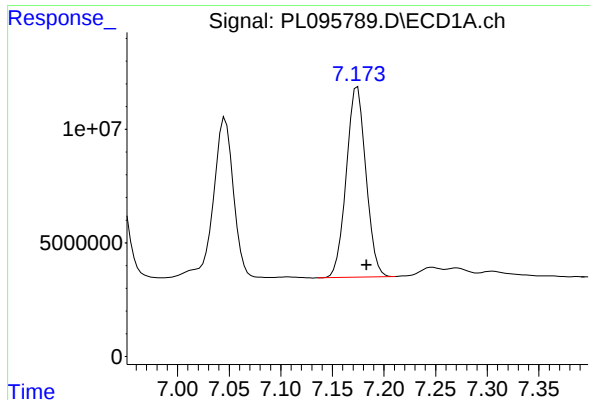
#18 Endrin aldehyde

R.T.: 6.940 min
Delta R.T.: -0.008 min
Response: 91378182
Conc: 37.80 ng/ml



#18 Endrin aldehyde

R.T.: 6.246 min
Delta R.T.: -0.004 min
Response: 128651377
Conc: 37.24 ng/ml



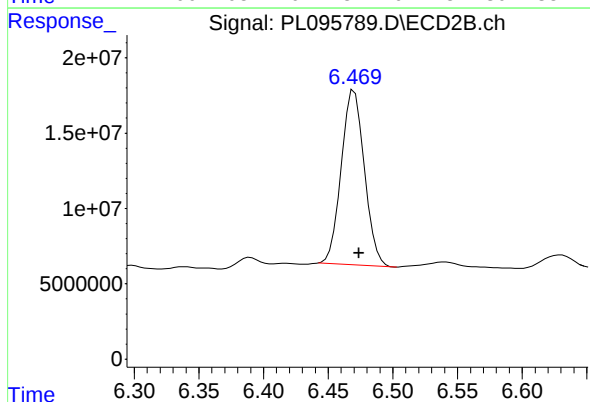
#19 Endosulfan Sulfate

R.T.: 7.174 min
Delta R.T.: -0.009 min
Response: 110757665
Conc: 37.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-02-MHFMS

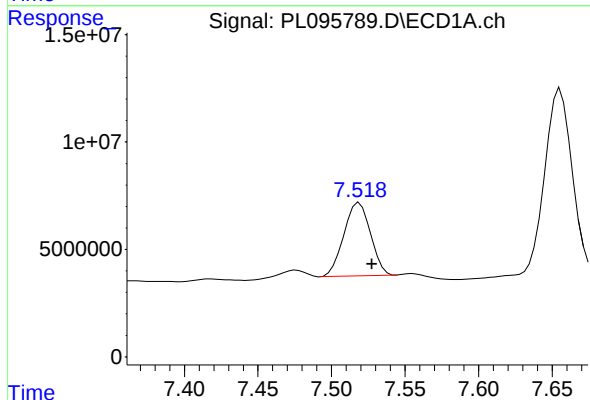
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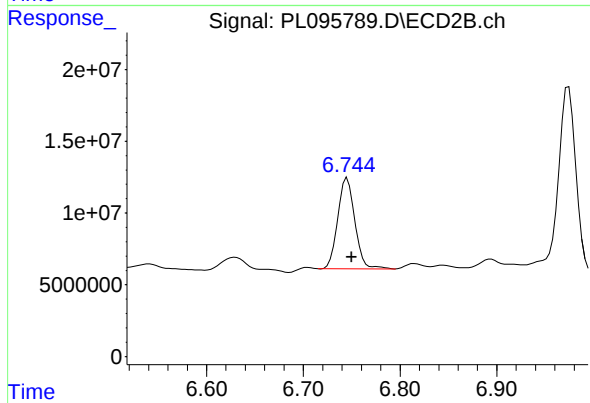
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: -0.004 min
Response: 144177762
Conc: 32.08 ng/ml



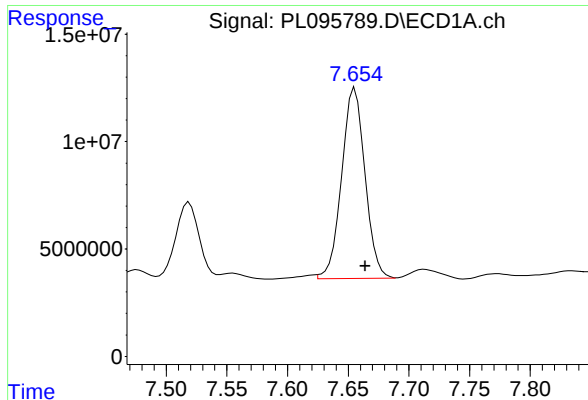
#20 Methoxychlor

R.T.: 7.519 min
Delta R.T.: -0.009 min
Response: 42957046
Conc: 33.68 ng/ml



#20 Methoxychlor

R.T.: 6.745 min
Delta R.T.: -0.005 min
Response: 78028939
Conc: 29.83 ng/ml



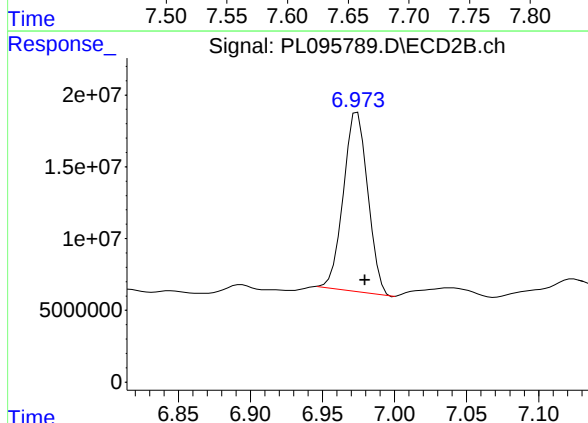
#21 Endrin ketone

R.T.: 7.654 min
Delta R.T.: -0.010 min
Response: 118458943
Conc: 37.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-02-MHFMS

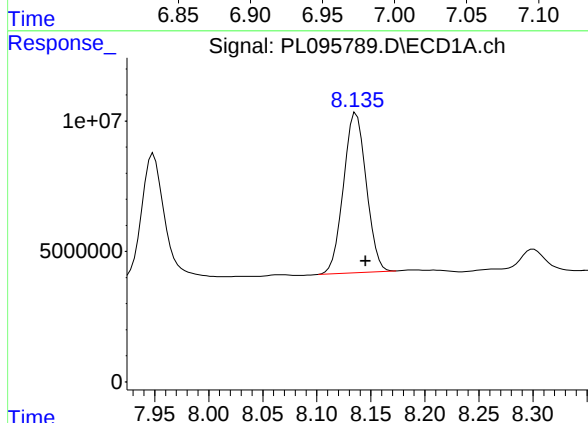
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/29/2025
Supervised By :mohammad ahmed 05/30/2025



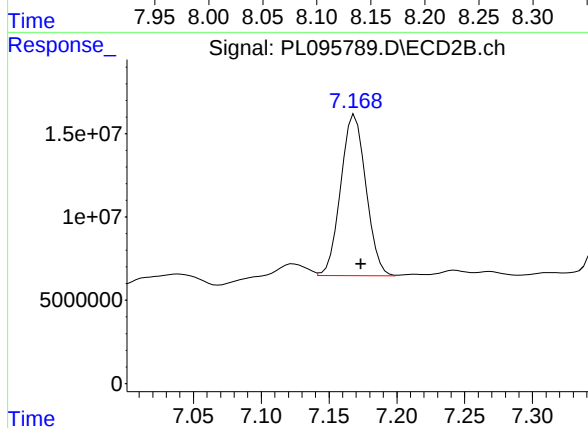
#21 Endrin ketone

R.T.: 6.974 min
Delta R.T.: -0.005 min
Response: 146467226
Conc: 28.31 ng/ml



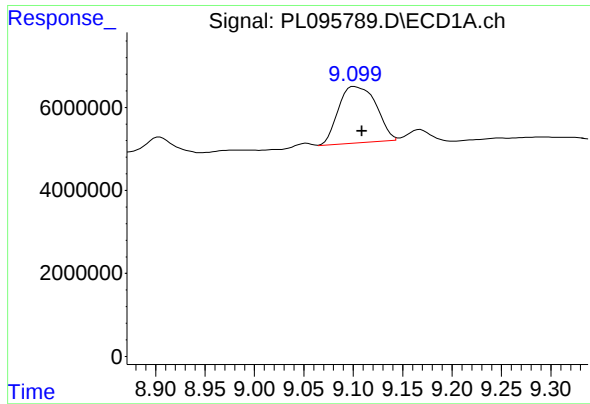
#22 Mirex

R.T.: 8.136 min
Delta R.T.: -0.009 min
Response: 90087969
Conc: 38.94 ng/ml



#22 Mirex

R.T.: 7.168 min
Delta R.T.: -0.006 min
Response: 124938694
Conc: 30.77 ng/ml m



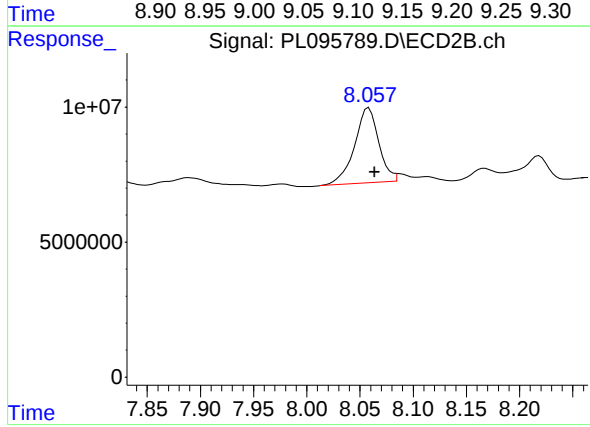
#28 Decachlorobiphenyl

R.T.: 9.099 min
Delta R.T.: -0.010 min
Response: 36190659
Conc: 15.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-02-MHFMS

Manual Integrations
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Supervised By :mohammad ahmed 05/30/2025



#28 Decachlorobiphenyl

R.T.: 8.057 min
Delta R.T.: -0.007 min
Response: 44874245
Conc: 10.26 ng/ml m