

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
 Data File : PL097488.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Oct 2025 15:33
 Operator : AR\AJ
 Sample : Q3257-02MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ENV2-6FTMS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/03/2025
 Supervised By : mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 04:03:41 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	2.824	63677441	90849772	14.066m	13.816
28)	SA Decachlor...	8.997	7.981	49413117	73376722	15.101	12.892
Target Compounds							
2)	A alpha-BHC	3.973	3.329	241.4E6	332.5E6	34.544	33.387
3)	MA gamma-BHC...	4.300	3.660	224.8E6	306.0E6	33.994	32.850
4)	MA Heptachlor	4.891	4.008	211.1E6	285.1E6	31.646	30.641
5)	MB Aldrin	5.230	4.289	213.2E6	283.8E6	33.656	32.698
6)	B beta-BHC	4.488	3.956	95627497	152.6E6	35.077	37.577
7)	B delta-BHC	4.731	4.188	213.8E6	298.9E6	35.230m	32.521
8)	B Heptachlo...	5.650	4.791	207.5E6	263.5E6	36.106	33.221
9)	A Endosulfan I	6.031	5.161	178.4E6	253.2E6	34.433	32.959
10)	B gamma-Chl...	5.903	5.042	203.1E6	287.0E6	35.930	32.860
11)	B alpha-Chl...	5.983	5.107	195.3E6	276.1E6	34.386	33.268
12)	B 4,4'-DDE	6.154	5.295	173.3E6	253.7E6	36.369	33.010
13)	MA Dieldrin	6.303	5.426	193.2E6	270.5E6	35.243	33.084
14)	MA Endrin	6.529	5.700	154.1E6	236.3E6	33.394	31.458
15)	B Endosulfa...	6.743	5.992	167.6E6	232.4E6	34.067	32.694
16)	A 4,4'-DDD	6.662	5.847	148.5E6	217.6E6	39.387	33.740
17)	MA 4,4'-DDT	6.977	6.100	126.4E6	182.0E6	29.894	26.305
18)	B Endrin al...	6.871	6.170	109.4E6	150.9E6	35.491	28.267
19)	B Endosulfa...	7.105	6.393	146.1E6	219.0E6	35.788	31.976
20)	A Methoxychlor	7.449	6.671	62689268	99384902	30.061	26.366
21)	B Endrin ke...	7.584	6.897	159.3E6	245.3E6	37.536	32.581
22)	Mirex	8.062	7.087	125.4E6	192.6E6	35.325	32.211

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100125\
Data File : PL097488.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2025 15:33
Operator : AR\AJ
Sample : Q3257-02MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

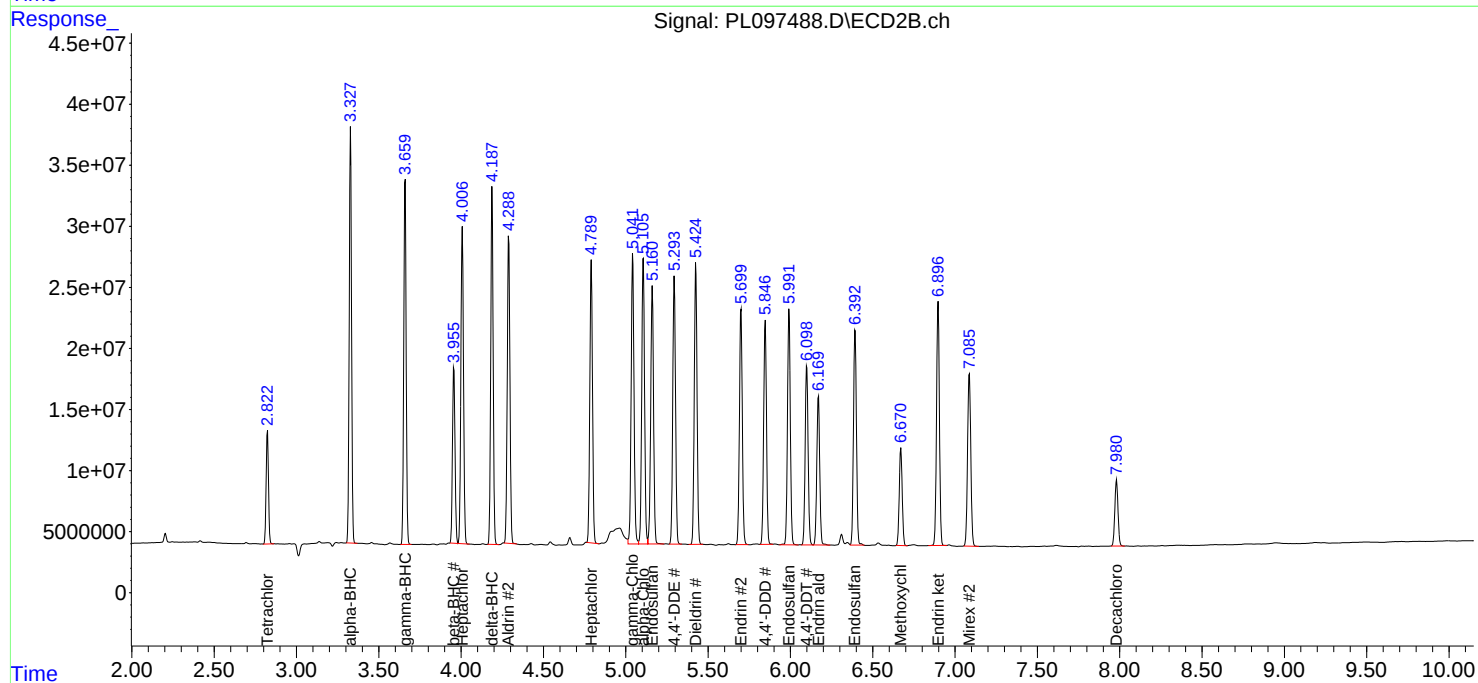
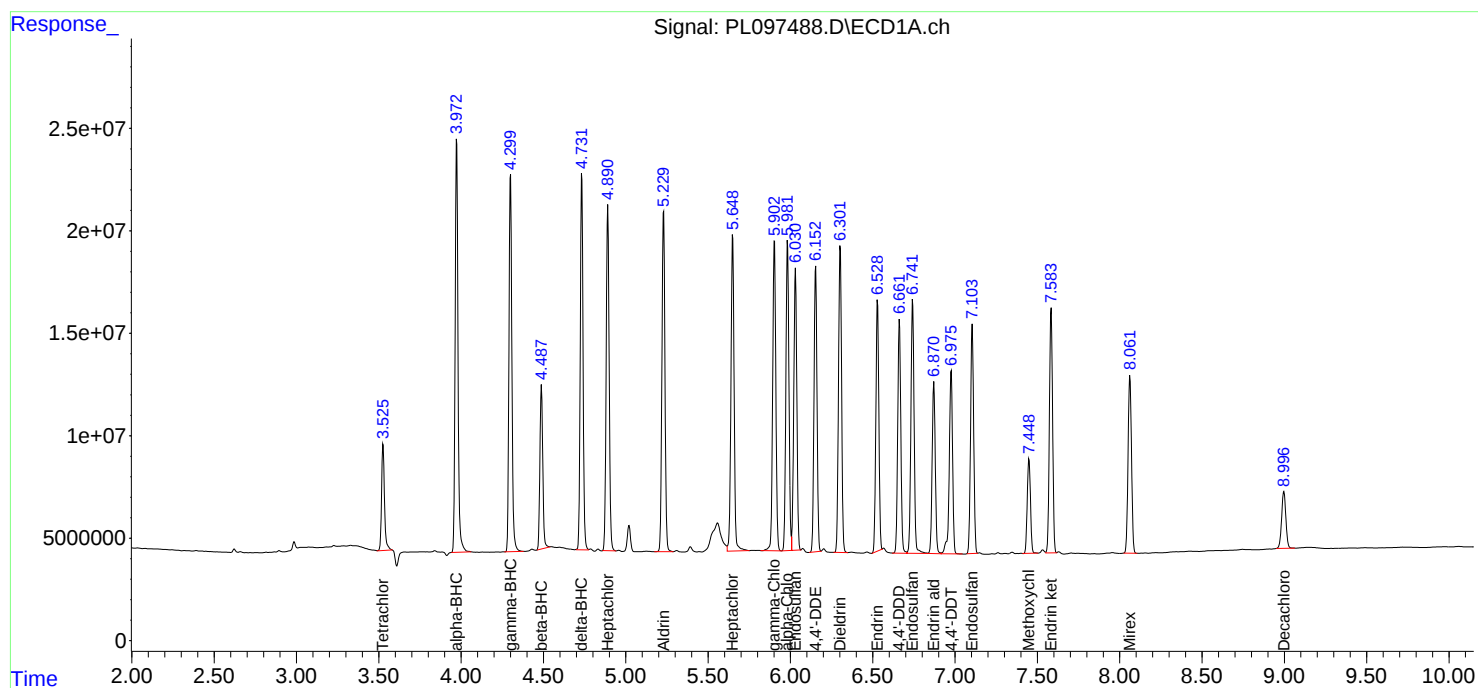
Instrument :
ECD_L
ClientSampleId :
ENV2-6FTMS

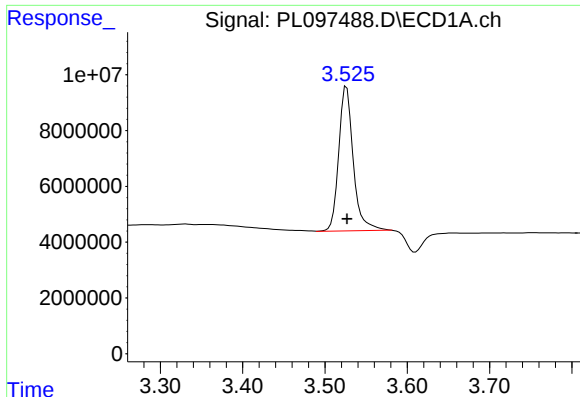
Manual Integrations
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Supervised By :mohammad ahmed 10/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 03 04:03:41 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





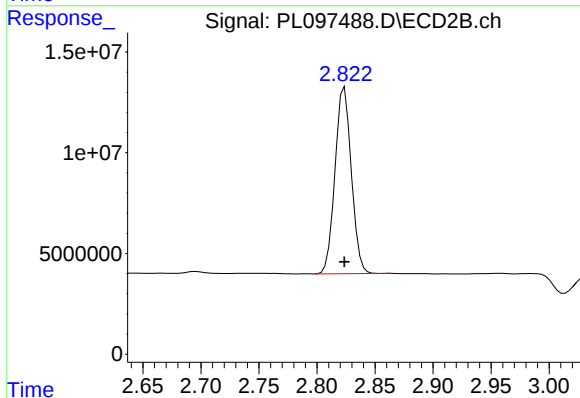
#1 Tetrachloro-m-xylene

R.T.: 3.525 min
Delta R.T.: -0.002 min
Response: 63677441
Conc: 14.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV2-6FTMS

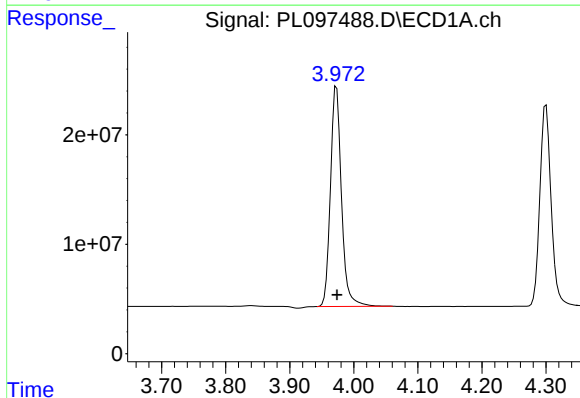
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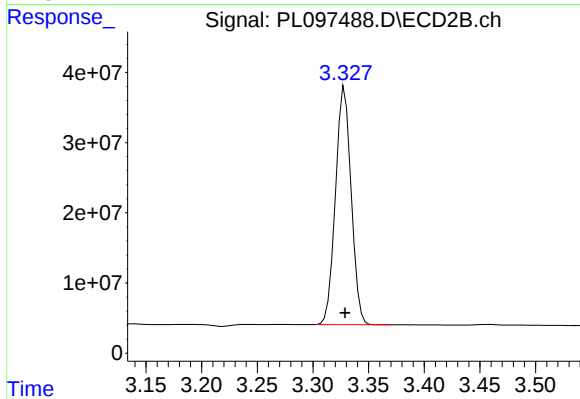
#1 Tetrachloro-m-xylene

R.T.: 2.824 min
Delta R.T.: 0.000 min
Response: 90849772
Conc: 13.82 ng/ml



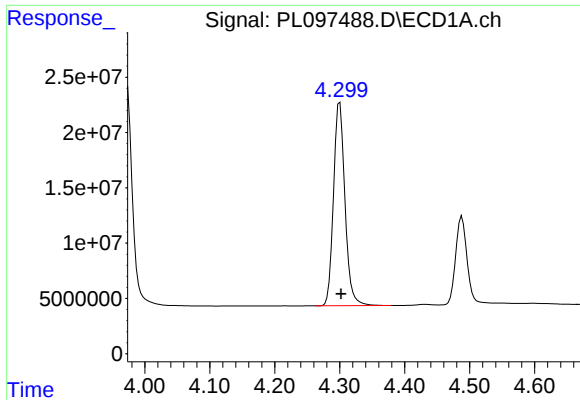
#2 alpha-BHC

R.T.: 3.973 min
Delta R.T.: -0.001 min
Response: 241371599
Conc: 34.54 ng/ml



#2 alpha-BHC

R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 332454816
Conc: 33.39 ng/ml



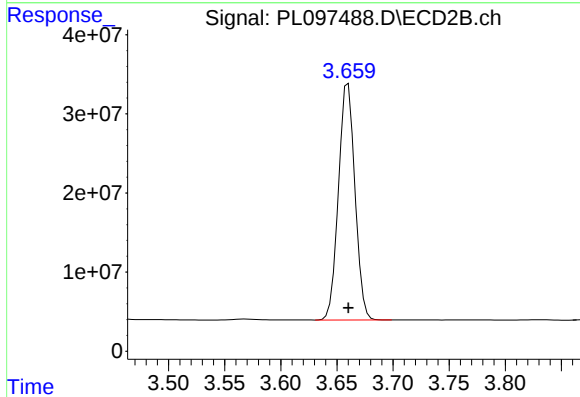
#3 gamma-BHC (Lindane)

R.T.: 4.300 min
Delta R.T.: -0.002 min
Response: 224803986
Conc: 33.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV2-6FTMS

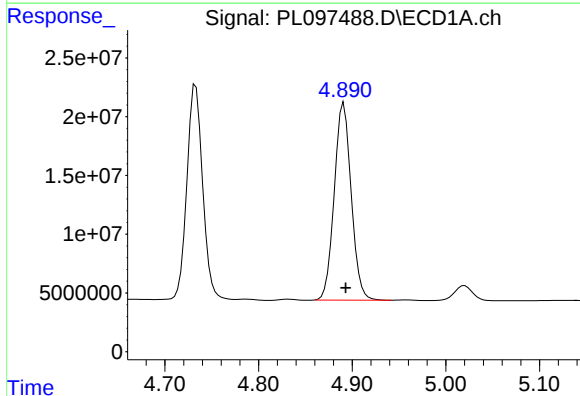
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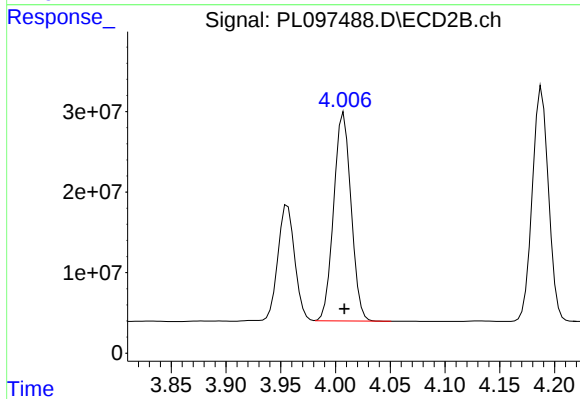
#3 gamma-BHC (Lindane)

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 305988872
Conc: 32.85 ng/ml



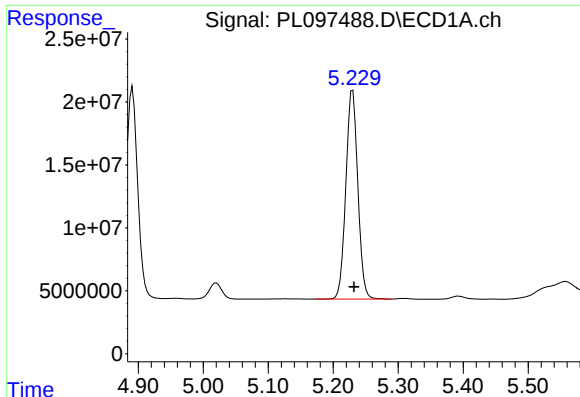
#4 Heptachlor

R.T.: 4.891 min
Delta R.T.: -0.002 min
Response: 211081618
Conc: 31.65 ng/ml



#4 Heptachlor

R.T.: 4.008 min
Delta R.T.: 0.000 min
Response: 285121798
Conc: 30.64 ng/ml



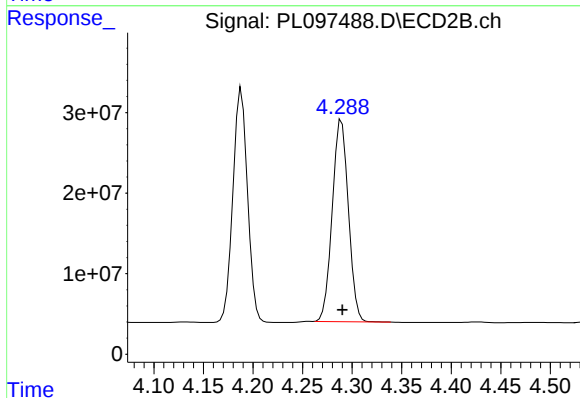
#5 Aldrin

R.T.: 5.230 min
Delta R.T.: -0.002 min
Response: 213172593
Conc: 33.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV2-6FTMS

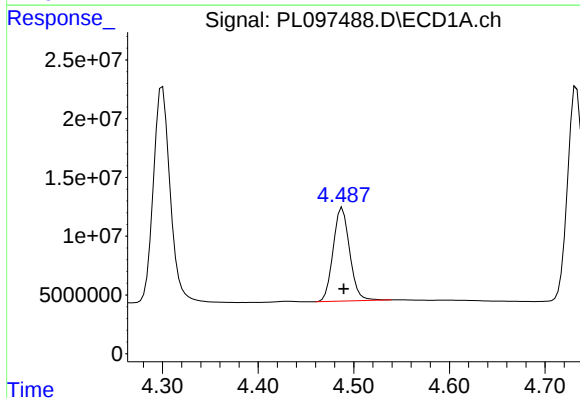
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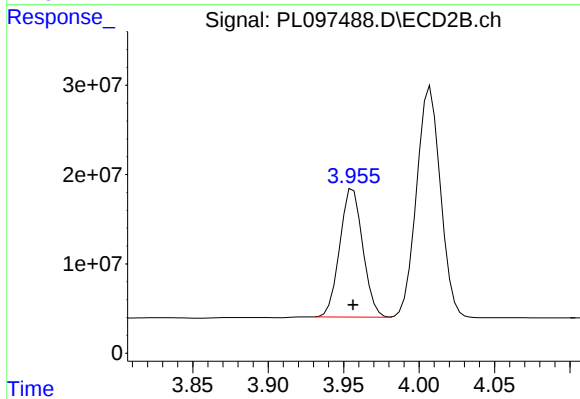
#5 Aldrin

R.T.: 4.289 min
Delta R.T.: 0.000 min
Response: 283794607
Conc: 32.70 ng/ml



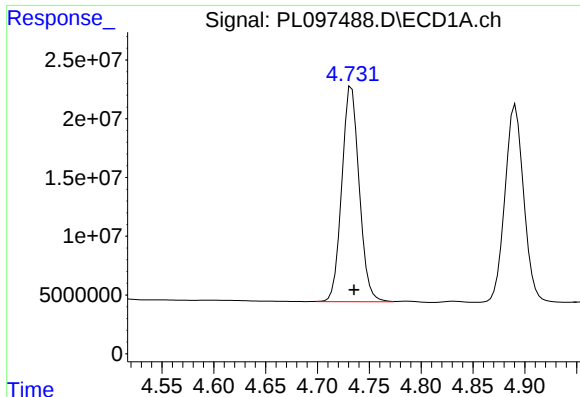
#6 beta-BHC

R.T.: 4.488 min
Delta R.T.: -0.001 min
Response: 95627497
Conc: 35.08 ng/ml



#6 beta-BHC

R.T.: 3.956 min
Delta R.T.: 0.000 min
Response: 152638526
Conc: 37.58 ng/ml



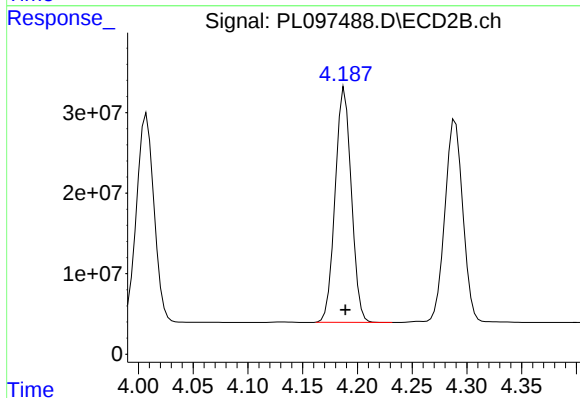
#7 delta-BHC

R.T.: 4.731 min
Delta R.T.: -0.004 min
Response: 213790080
Conc: 35.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV2-6FTMS

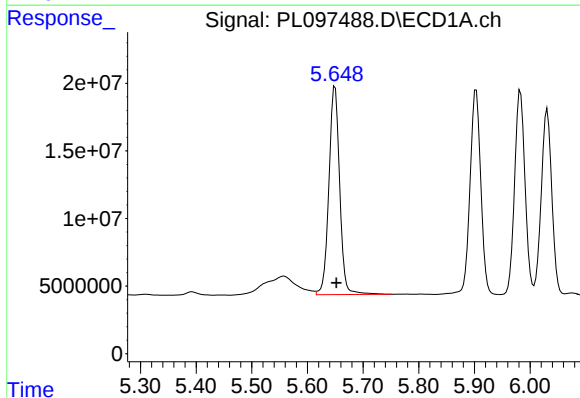
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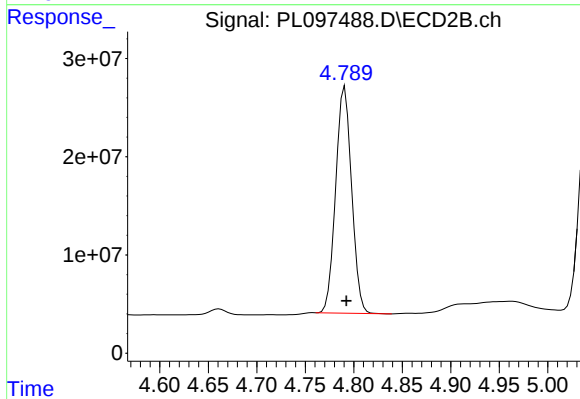
#7 delta-BHC

R.T.: 4.188 min
Delta R.T.: 0.000 min
Response: 298937074
Conc: 32.52 ng/ml



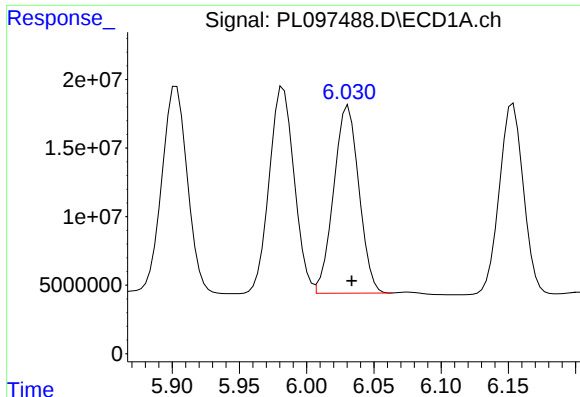
#8 Heptachlor epoxide

R.T.: 5.650 min
Delta R.T.: -0.002 min
Response: 207496939
Conc: 36.11 ng/ml



#8 Heptachlor epoxide

R.T.: 4.791 min
Delta R.T.: -0.002 min
Response: 263496411
Conc: 33.22 ng/ml



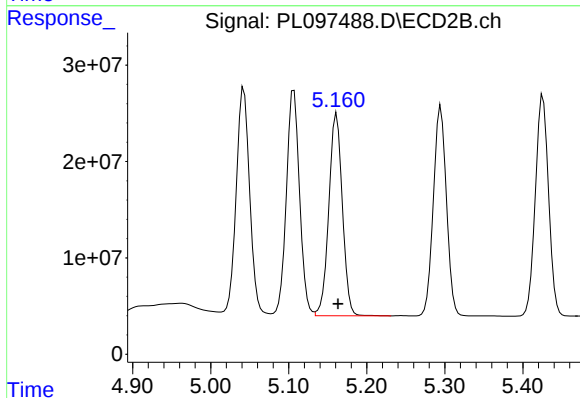
#9 Endosulfan I

R.T.: 6.031 min
Delta R.T.: -0.002 min
Response: 178409469
Conc: 34.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV2-6FTMS

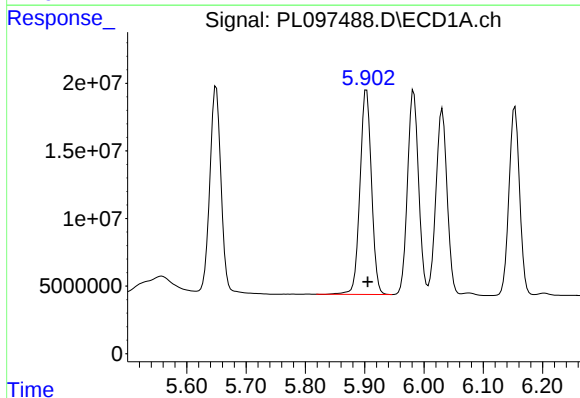
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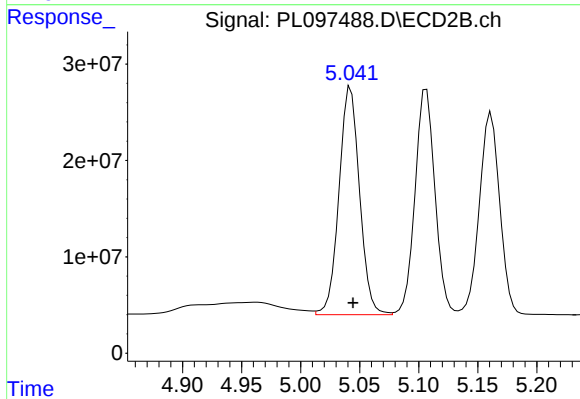
#9 Endosulfan I

R.T.: 5.161 min
Delta R.T.: -0.002 min
Response: 253246637
Conc: 32.96 ng/ml



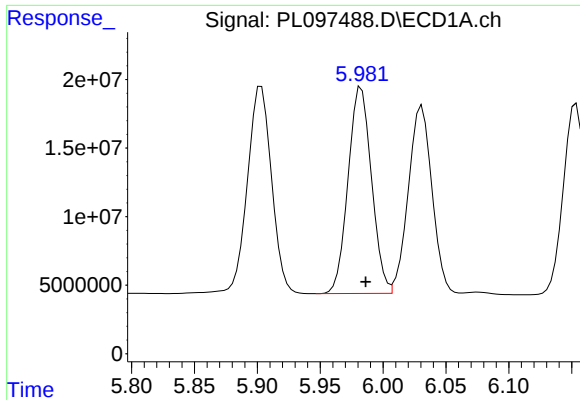
#10 gamma-Chlordane

R.T.: 5.903 min
Delta R.T.: -0.002 min
Response: 203133102
Conc: 35.93 ng/ml



#10 gamma-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.002 min
Response: 286992760
Conc: 32.86 ng/ml



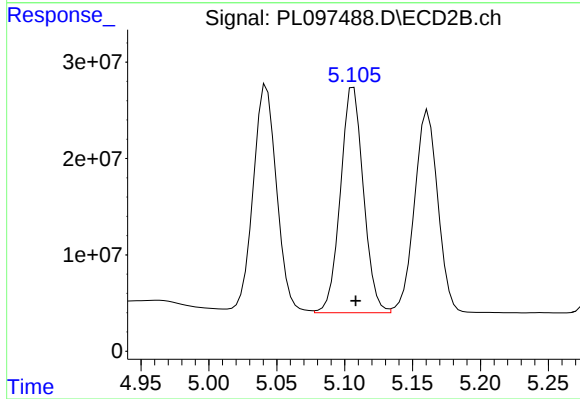
#11 alpha-Chlordane

R.T.: 5.983 min
Delta R.T.: -0.004 min
Response: 195310492
Conc: 34.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV2-6FTMS

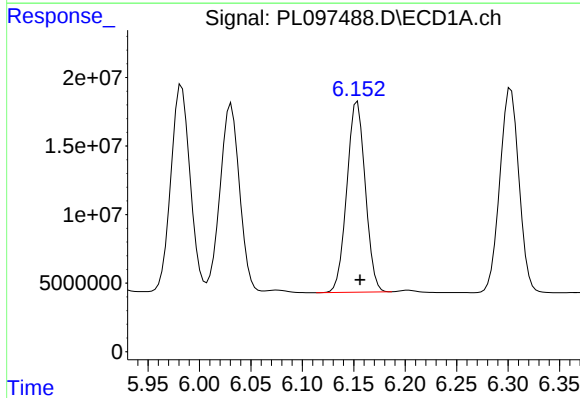
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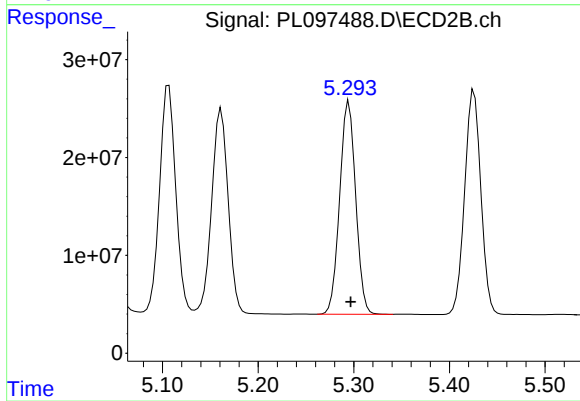
#11 alpha-Chlordane

R.T.: 5.107 min
Delta R.T.: -0.002 min
Response: 276140069
Conc: 33.27 ng/ml



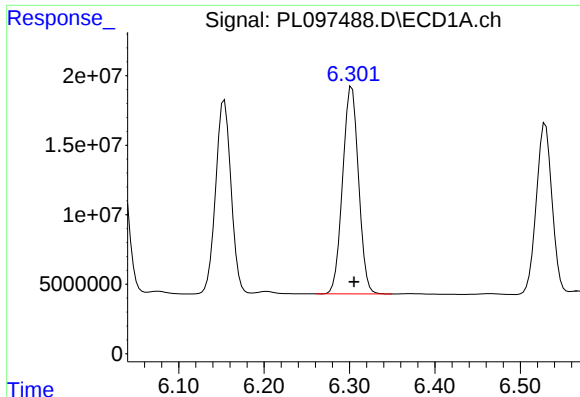
#12 4,4'-DDE

R.T.: 6.154 min
Delta R.T.: -0.003 min
Response: 173290047
Conc: 36.37 ng/ml



#12 4,4'-DDE

R.T.: 5.295 min
Delta R.T.: -0.002 min
Response: 253676261
Conc: 33.01 ng/ml



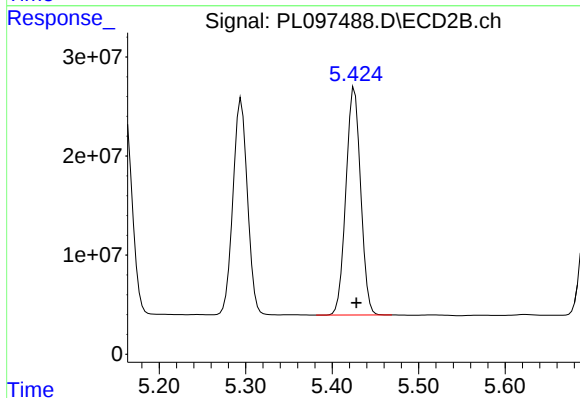
#13 Dieldrin

R.T.: 6.303 min
Delta R.T.: -0.003 min
Response: 193207184
Conc: 35.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV2-6FTMS

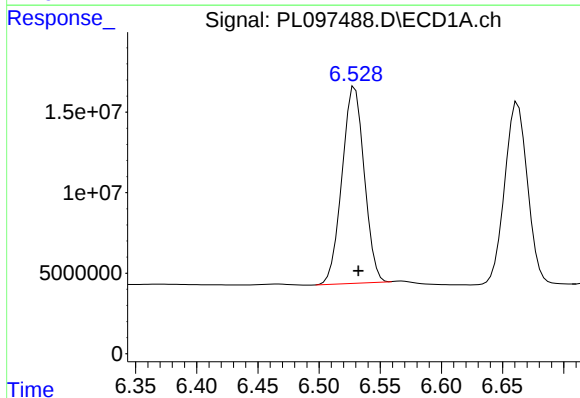
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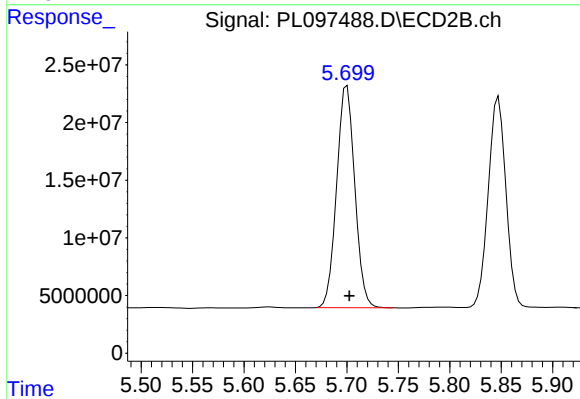
#13 Dieldrin

R.T.: 5.426 min
Delta R.T.: -0.002 min
Response: 270520787
Conc: 33.08 ng/ml



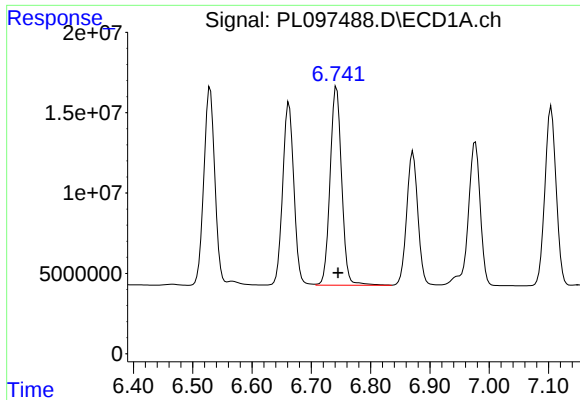
#14 Endrin

R.T.: 6.529 min
Delta R.T.: -0.003 min
Response: 154051631
Conc: 33.39 ng/ml



#14 Endrin

R.T.: 5.700 min
Delta R.T.: -0.002 min
Response: 236265161
Conc: 31.46 ng/ml



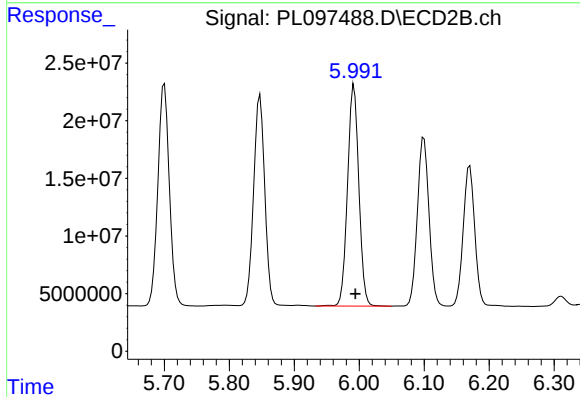
#15 Endosulfan II

R.T.: 6.743 min
Delta R.T.: -0.003 min
Response: 167552712
Conc: 34.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV2-6FTMS

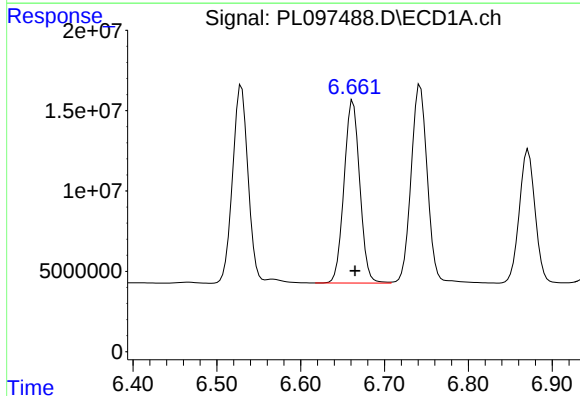
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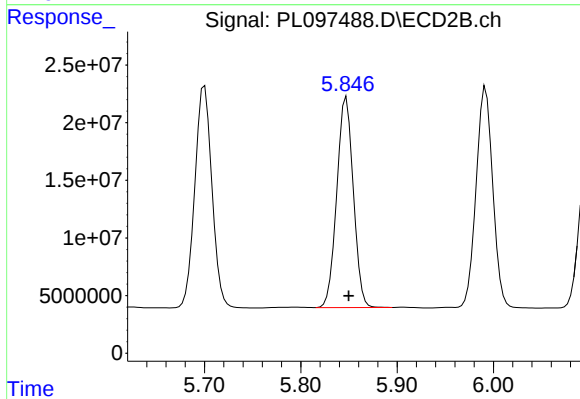
#15 Endosulfan II

R.T.: 5.992 min
Delta R.T.: -0.002 min
Response: 232431727
Conc: 32.69 ng/ml



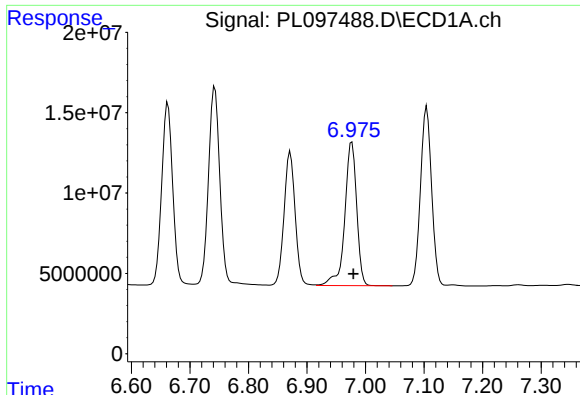
#16 4,4'-DDD

R.T.: 6.662 min
Delta R.T.: -0.003 min
Response: 148509364
Conc: 39.39 ng/ml



#16 4,4'-DDD

R.T.: 5.847 min
Delta R.T.: -0.002 min
Response: 217591240
Conc: 33.74 ng/ml



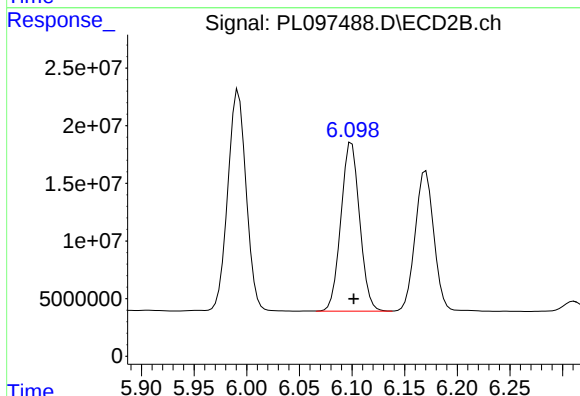
#17 4,4'-DDT

R.T.: 6.977 min
Delta R.T.: -0.002 min
Response: 126366391
Conc: 29.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV2-6FTMS

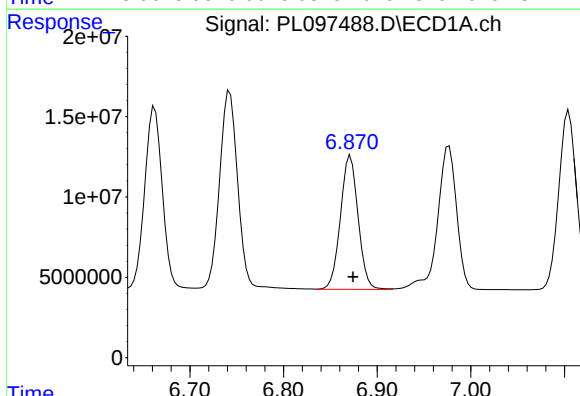
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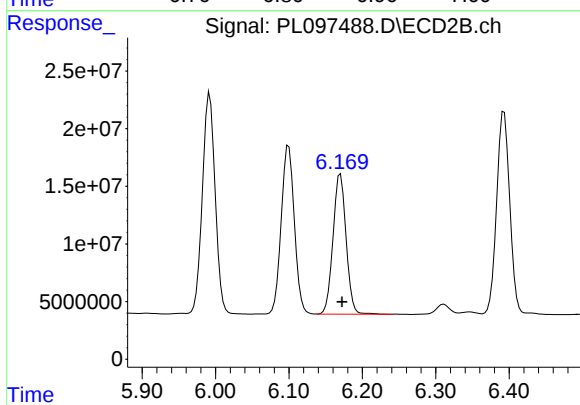
#17 4,4'-DDT

R.T.: 6.100 min
Delta R.T.: -0.002 min
Response: 182046400
Conc: 26.31 ng/ml



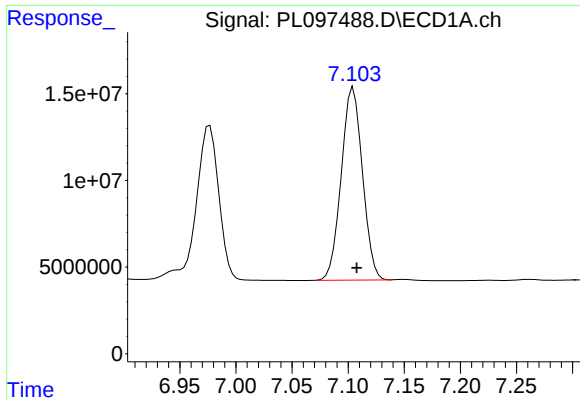
#18 Endrin aldehyde

R.T.: 6.871 min
Delta R.T.: -0.003 min
Response: 109411386
Conc: 35.49 ng/ml



#18 Endrin aldehyde

R.T.: 6.170 min
Delta R.T.: -0.002 min
Response: 150874823
Conc: 28.27 ng/ml



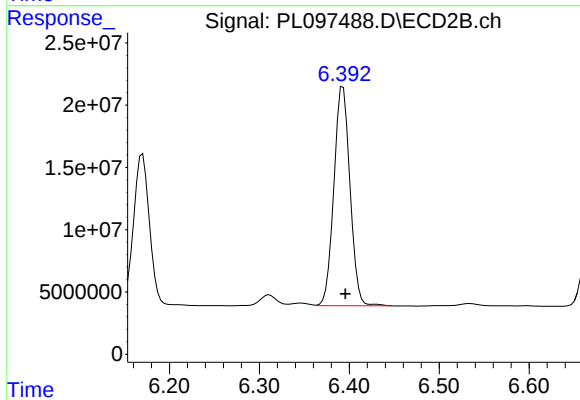
#19 Endosulfan Sulfate

R.T.: 7.105 min
Delta R.T.: -0.003 min
Response: 146110729
Conc: 35.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV2-6FTMS

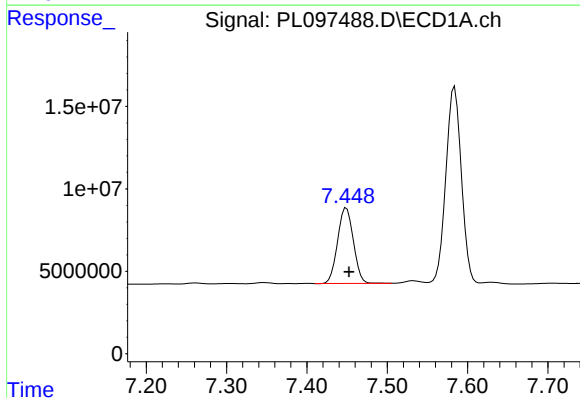
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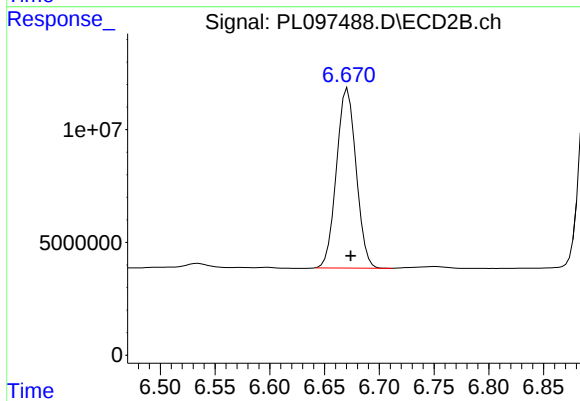
#19 Endosulfan Sulfate

R.T.: 6.393 min
Delta R.T.: -0.003 min
Response: 219025790
Conc: 31.98 ng/ml



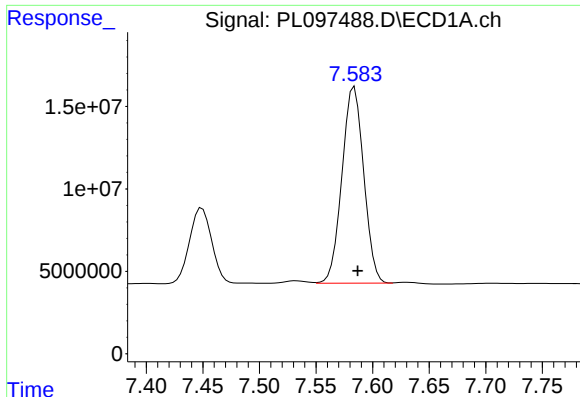
#20 Methoxychlor

R.T.: 7.449 min
Delta R.T.: -0.003 min
Response: 62689268
Conc: 30.06 ng/ml



#20 Methoxychlor

R.T.: 6.671 min
Delta R.T.: -0.003 min
Response: 99384902
Conc: 26.37 ng/ml



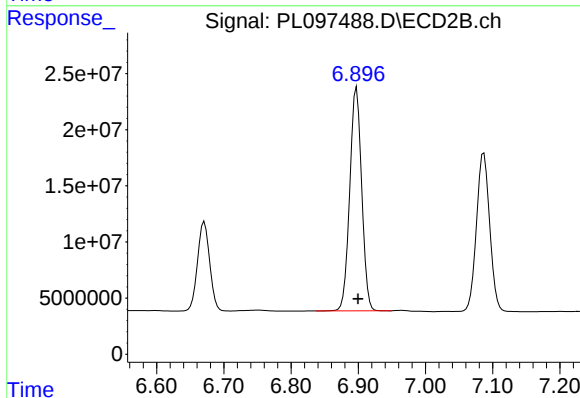
#21 Endrin ketone

R.T.: 7.584 min
Delta R.T.: -0.003 min
Response: 159315395
Conc: 37.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV2-6FTMS

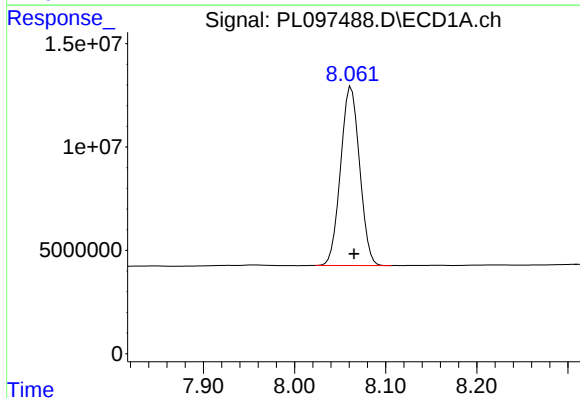
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025



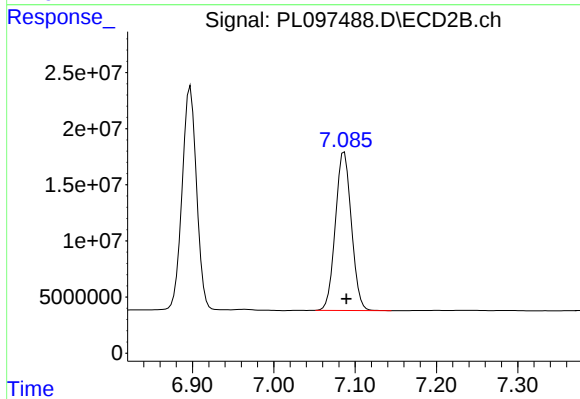
#21 Endrin ketone

R.T.: 6.897 min
Delta R.T.: -0.002 min
Response: 245345832
Conc: 32.58 ng/ml



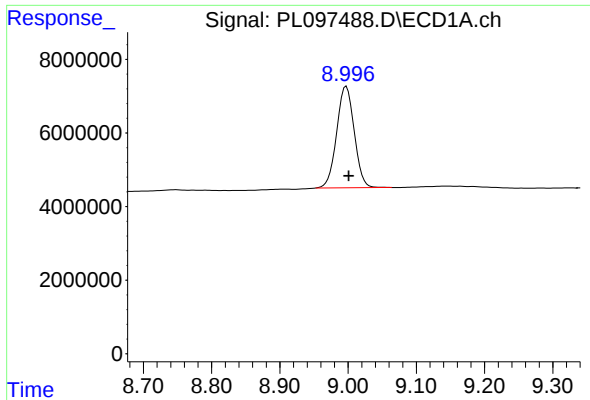
#22 Mirex

R.T.: 8.062 min
Delta R.T.: -0.003 min
Response: 125414678
Conc: 35.33 ng/ml



#22 Mirex

R.T.: 7.087 min
Delta R.T.: -0.003 min
Response: 192578714
Conc: 32.21 ng/ml



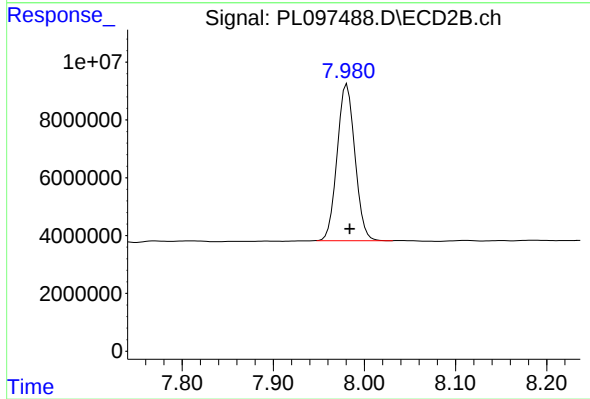
#28 Decachlorobiphenyl

R.T.: 8.997 min
Delta R.T.: -0.003 min
Response: 49413117
Conc: 15.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENV2-6FTMS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/03/2025
Supervised By :mohammad ahmed 10/06/2025



#28 Decachlorobiphenyl

R.T.: 7.981 min
Delta R.T.: -0.003 min
Response: 73376722
Conc: 12.89 ng/ml