

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040425\
 Data File : PL095045.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Apr 2025 09:00
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/07/2025
 Supervised By : mohammad ahmed 04/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 22:30:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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...	3.543	2.770	121.7E6	164.6E6	43.009	46.116
28)	SA Decachlor...	9.059	7.903	99754178	184.4E6	47.334	45.657
Target Compounds							
2)	A alpha-BHC	3.999	3.272	178.1E6	247.7E6	42.894	45.952
3)	MA gamma-BHC...	4.332	3.601	170.6E6	235.6E6	42.748	45.846
4)	MA Heptachlor	4.919	3.939	163.9E6	231.9E6	42.223	44.020
5)	MB Aldrin	5.261	4.218	157.6E6	217.6E6	42.672	44.615
6)	B beta-BHC	4.531	3.902	78332269	104.0E6	42.452	46.812
7)	B delta-BHC	4.778	4.130	171.6E6	234.9E6	44.064	46.968
8)	B Heptachlo...	5.687	4.721	142.5E6	205.5E6	42.613	44.892
9)	A Endosulfan I	6.073	5.091	133.6E6	196.2E6	43.514	44.710
10)	B gamma-Chl...	5.944	4.969	146.2E6	219.0E6	43.385	45.350m
11)	B alpha-Chl...	6.023	5.034	143.2E6	215.1E6	43.434	45.065
12)	B 4,4'-DDE	6.197	5.222	141.2E6	220.7E6	47.990	47.480m
13)	MA Dieldrin	6.348	5.353	140.4E6	220.2E6	43.887	45.387m
14)	MA Endrin	6.577	5.629	114.2E6	192.3E6	41.183m	44.080m
15)	B Endosulfa...	6.799	5.925	120.3E6	198.3E6	44.314	45.815
16)	A 4,4'-DDD	6.714	5.778	109.3E6	181.7E6	50.475	50.532
17)	MA 4,4'-DDT	7.028	6.028	108.5E6	189.6E6	45.596	47.027
18)	B Endrin al...	6.929	6.105	91769966	150.0E6	43.472	44.582
19)	B Endosulfa...	7.163	6.328	107.3E6	182.2E6	44.129	44.727
20)	A Methoxychlor	7.504	6.603	58655786	99430401	48.999	46.878
21)	B Endrin ke...	7.647	6.832	119.9E6	223.0E6	45.356	46.726m
22)	Mirex	8.120	7.012	86697464	165.5E6	41.958	43.617

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040425\
Data File : PL095045.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Apr 2025 09:00
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

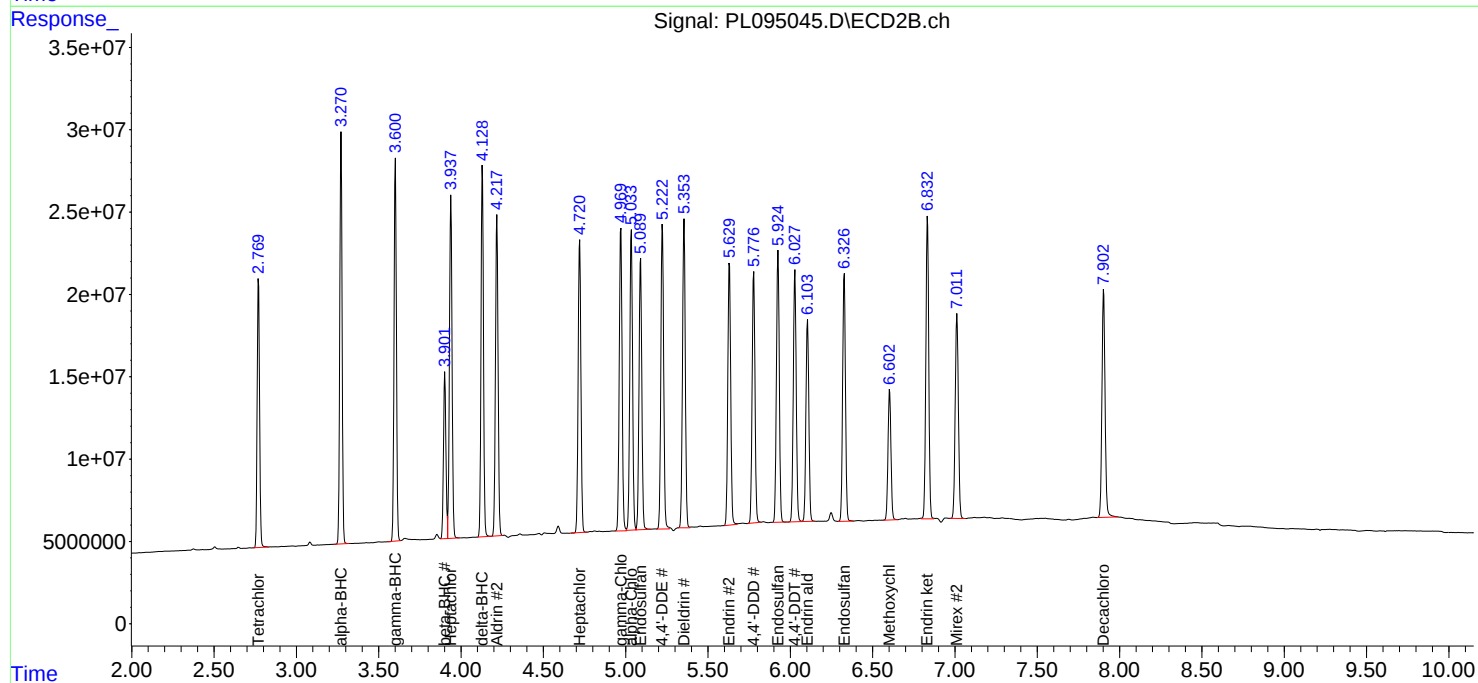
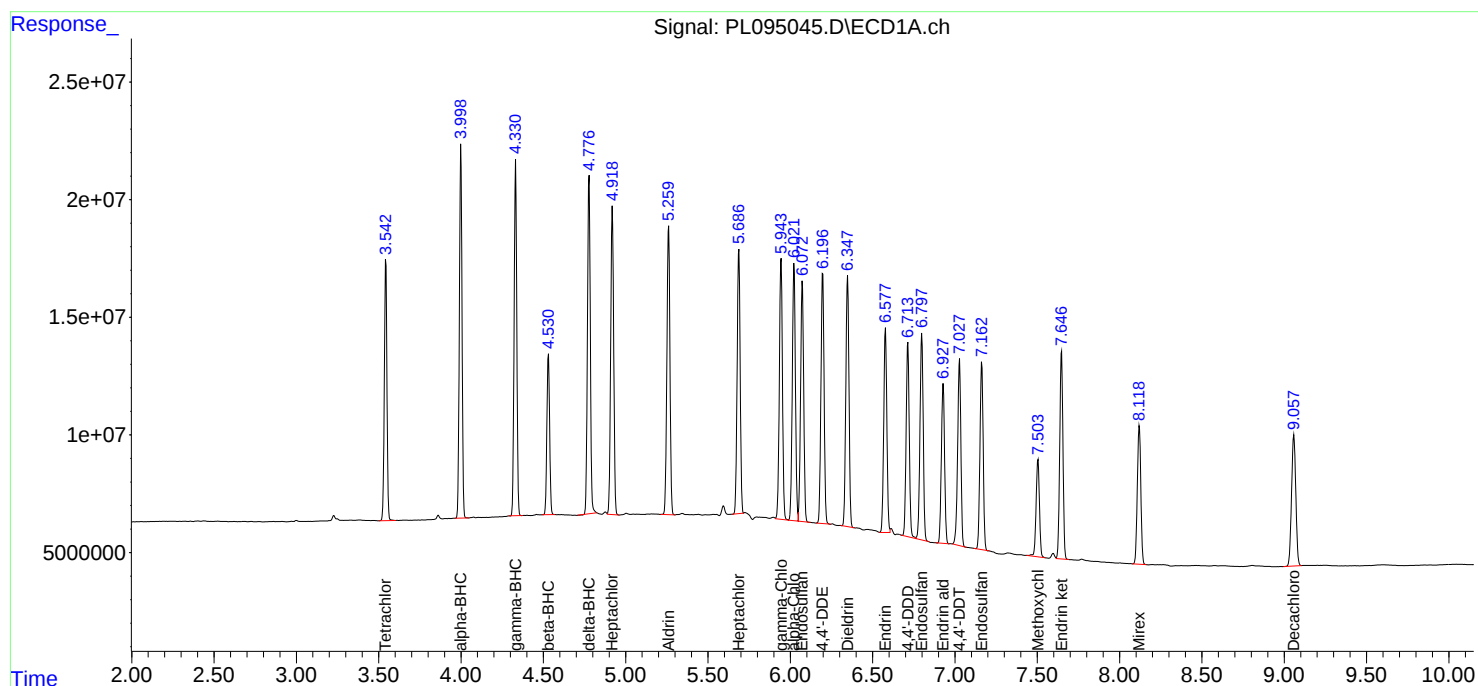
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

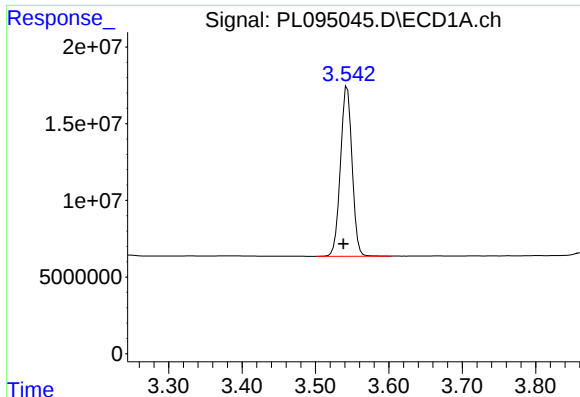
Manual Integrations
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Supervised By :mohammad ahmed 04/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 04 22:30:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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





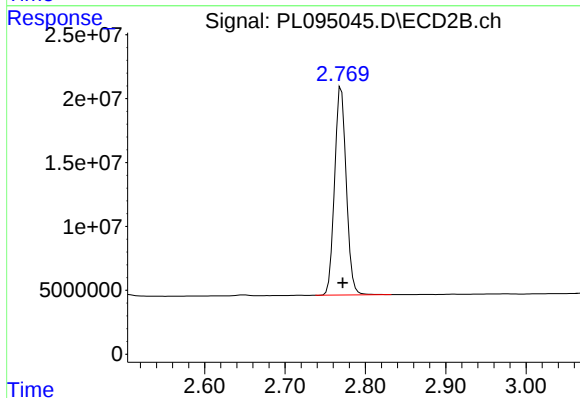
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: 0.005 min
Response: 121745027
Conc: 43.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

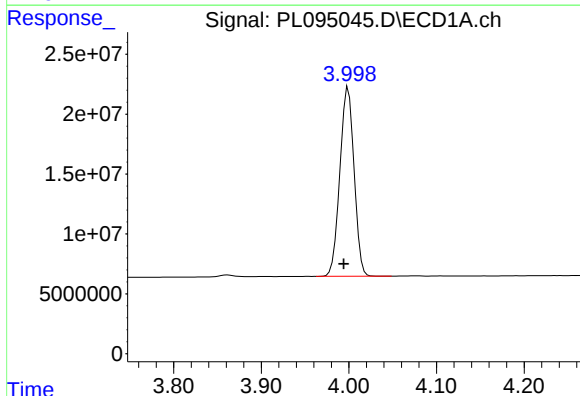
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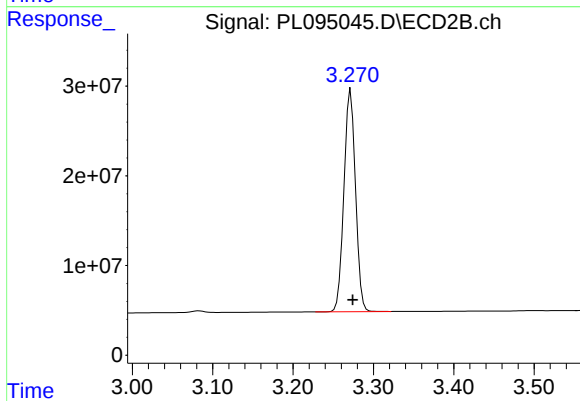
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 164600860
Conc: 46.12 ng/ml



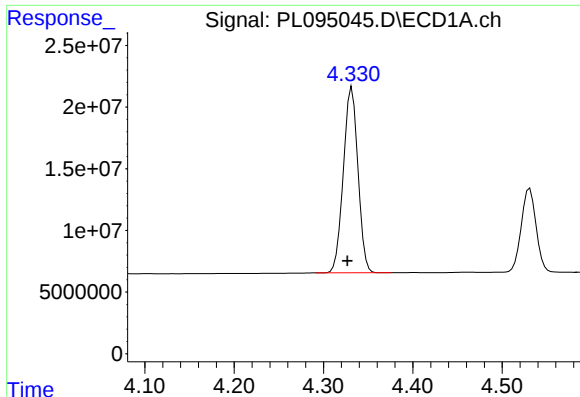
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.005 min
Response: 178111234
Conc: 42.89 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: -0.002 min
Response: 247744836
Conc: 45.95 ng/ml



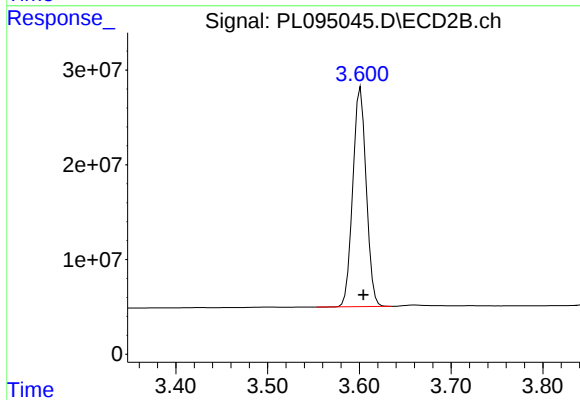
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.005 min
Response: 170576051
Conc: 42.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

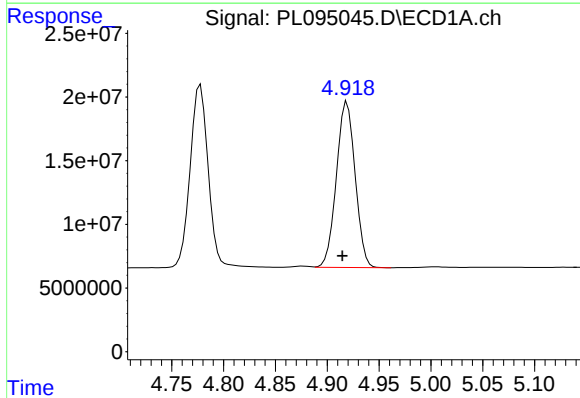
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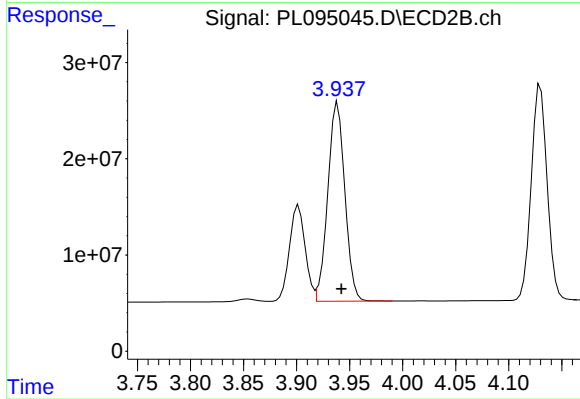
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.003 min
Response: 235624253
Conc: 45.85 ng/ml



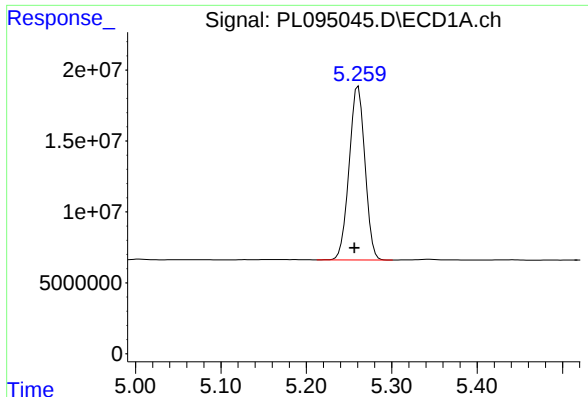
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: 0.005 min
Response: 163893630
Conc: 42.22 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: -0.004 min
Response: 231924393
Conc: 44.02 ng/ml



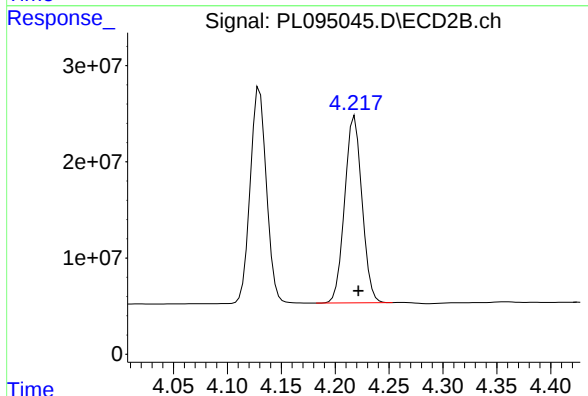
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: 0.005 min
Response: 157556194
Conc: 42.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

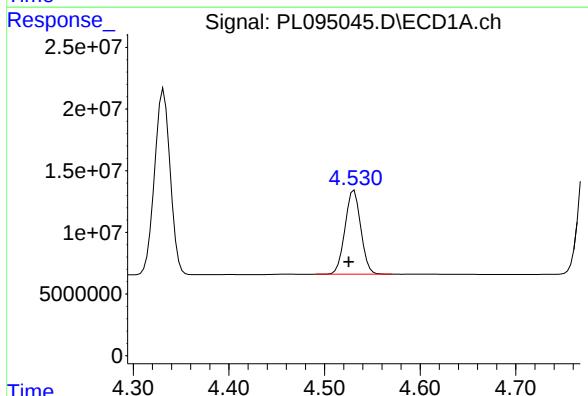
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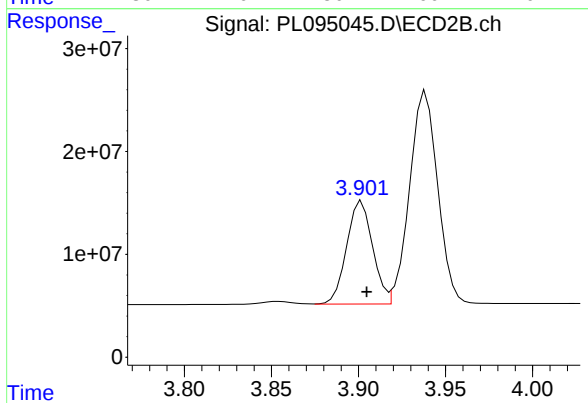
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: -0.004 min
Response: 217557567
Conc: 44.61 ng/ml



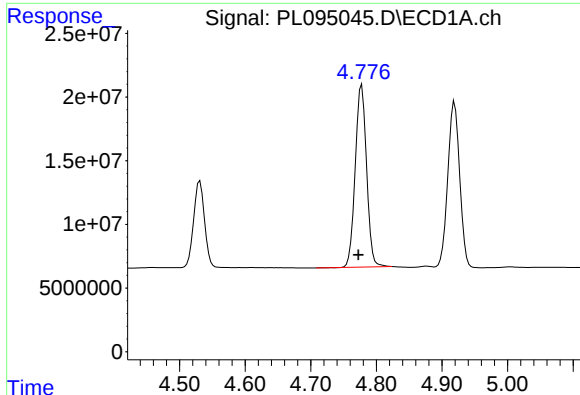
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.006 min
Response: 78332269
Conc: 42.45 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: -0.003 min
Response: 103982375
Conc: 46.81 ng/ml



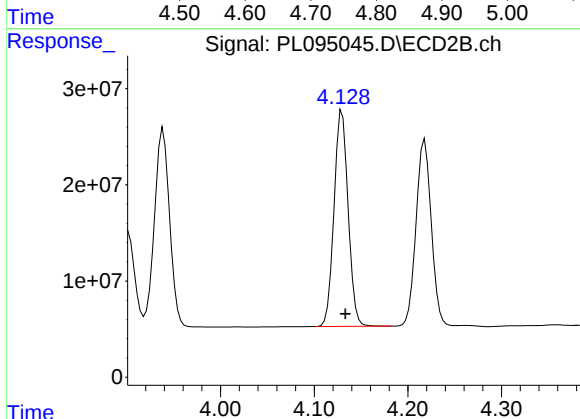
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: 0.005 min
Response: 171599056
Conc: 44.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

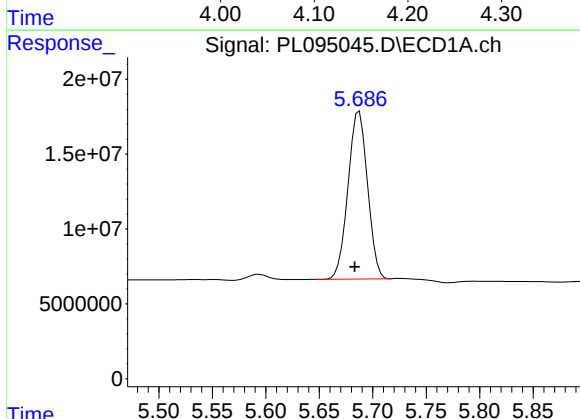
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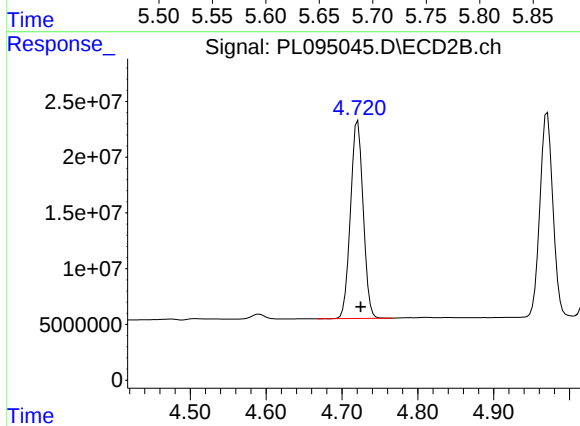
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: -0.003 min
Response: 234931919
Conc: 46.97 ng/ml



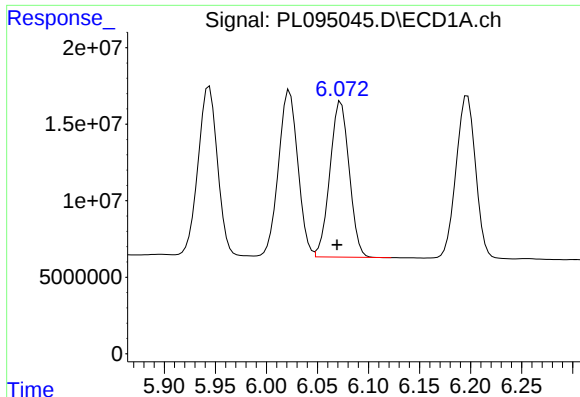
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: 0.004 min
Response: 142549834
Conc: 42.61 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.004 min
Response: 205539947
Conc: 44.89 ng/ml



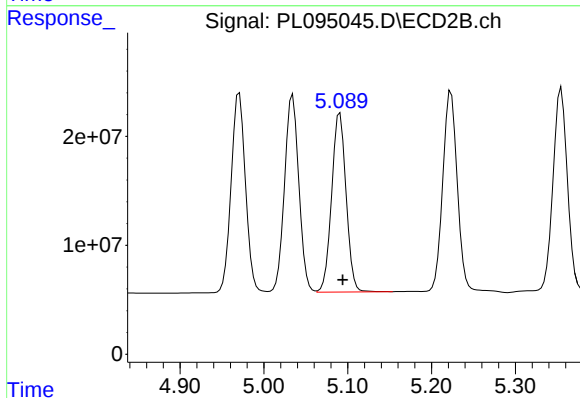
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: 0.004 min
Response: 133597337
Conc: 43.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

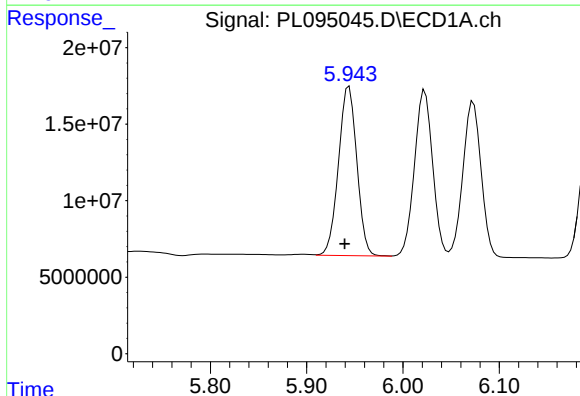
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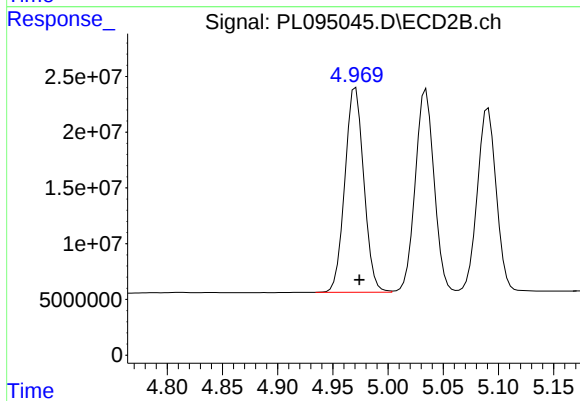
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: -0.003 min
Response: 196219064
Conc: 44.71 ng/ml



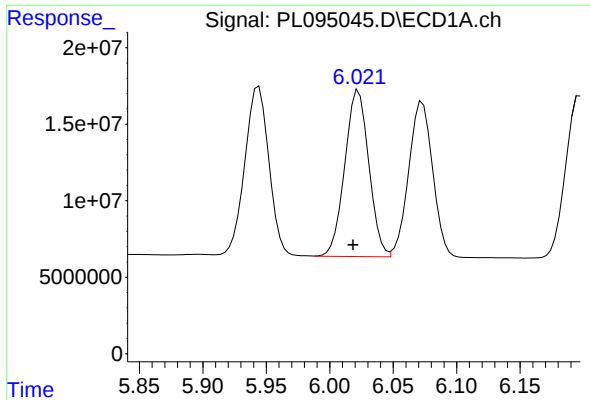
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.005 min
Response: 146180989
Conc: 43.39 ng/ml



#10 gamma-Chlordane

R.T.: 4.969 min
Delta R.T.: -0.005 min
Response: 218967194
Conc: 45.35 ng/ml m



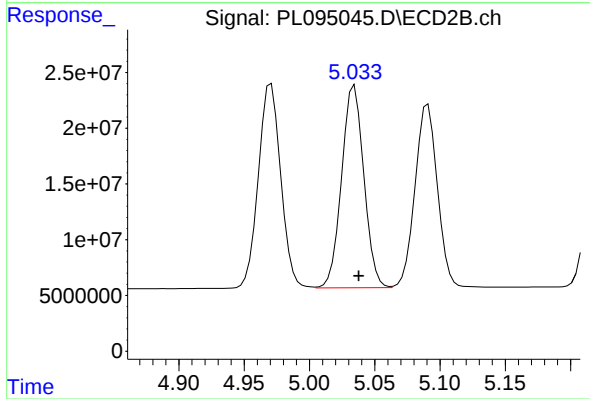
#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: 0.004 min
Response: 143194003
Conc: 43.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

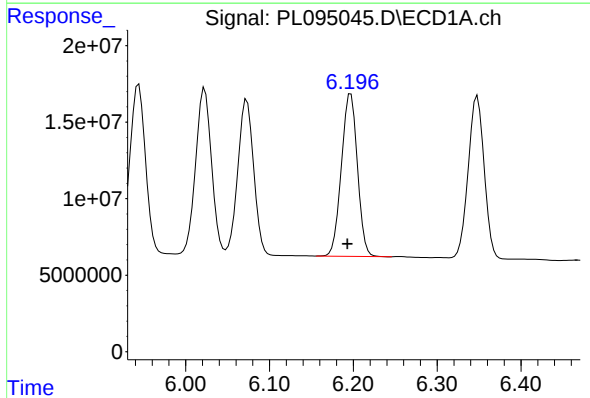
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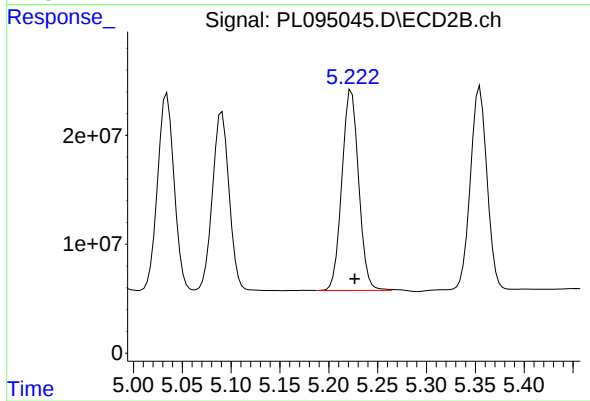
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: -0.003 min
Response: 215083356
Conc: 45.06 ng/ml



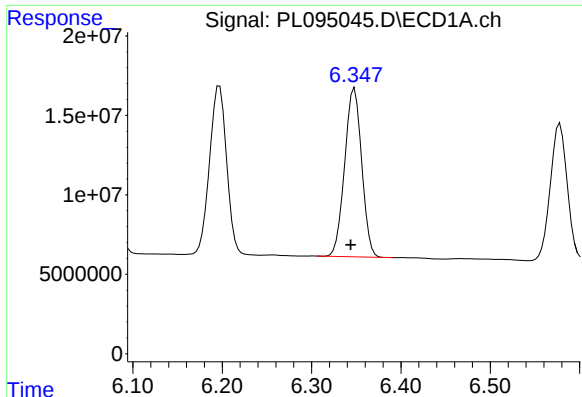
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.004 min
Response: 141188907
Conc: 47.99 ng/ml



#12 4,4'-DDE

R.T.: 5.222 min
Delta R.T.: -0.005 min
Response: 220711635
Conc: 47.48 ng/ml m



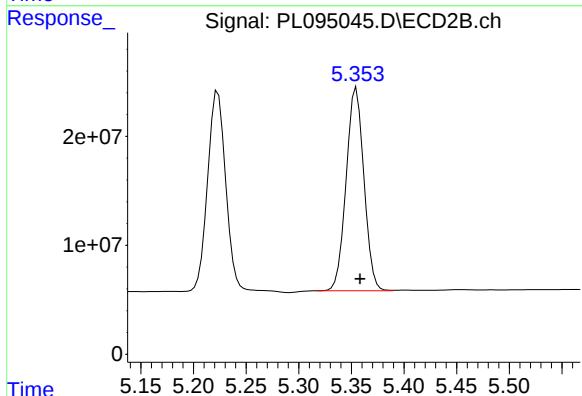
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.004 min
Response: 140357755
Conc: 43.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

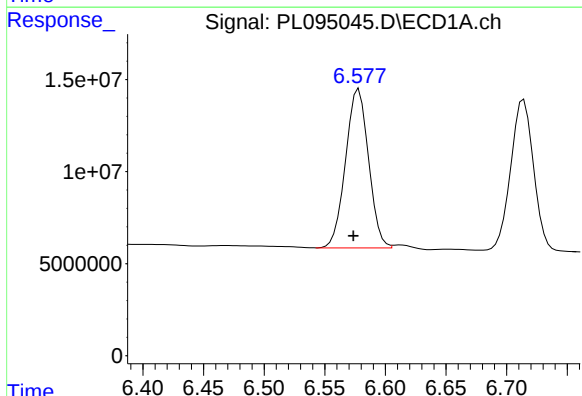
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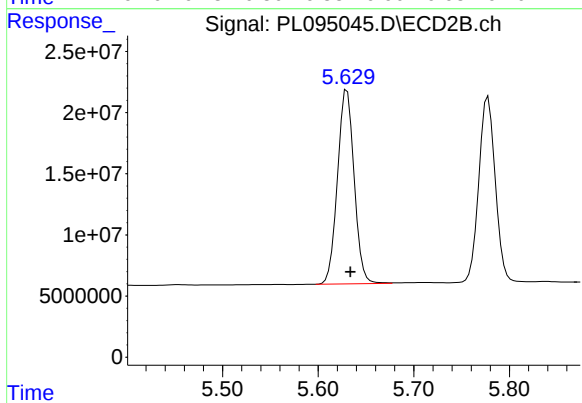
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: -0.005 min
Response: 220209354
Conc: 45.39 ng/ml m



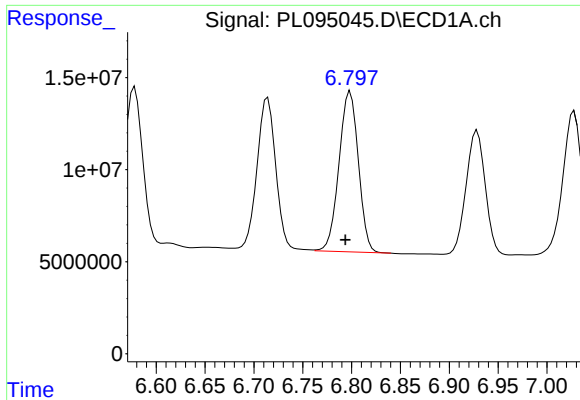
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.003 min
Response: 114162839
Conc: 41.18 ng/ml m



#14 Endrin

R.T.: 5.629 min
Delta R.T.: -0.005 min
Response: 192349118
Conc: 44.08 ng/ml m



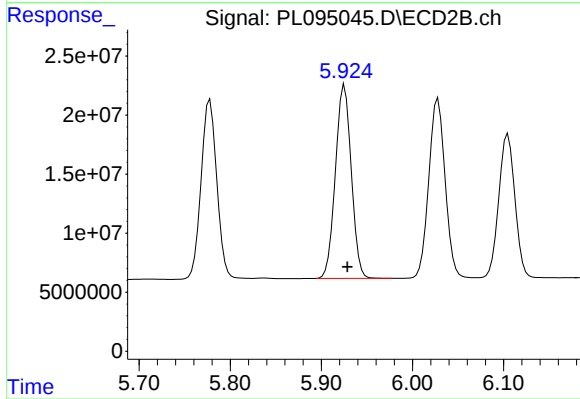
#15 Endosulfan II

R.T.: 6.799 min
Delta R.T.: 0.005 min
Response: 120301302
Conc: 44.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

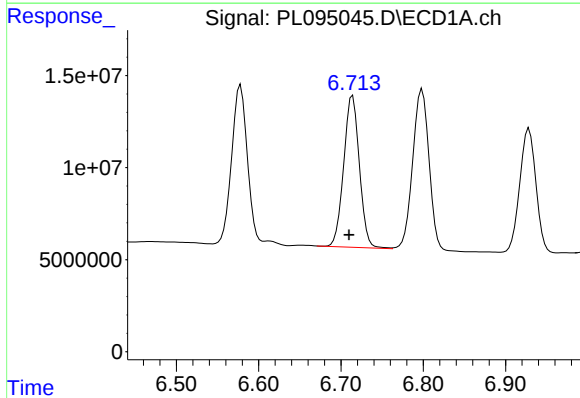
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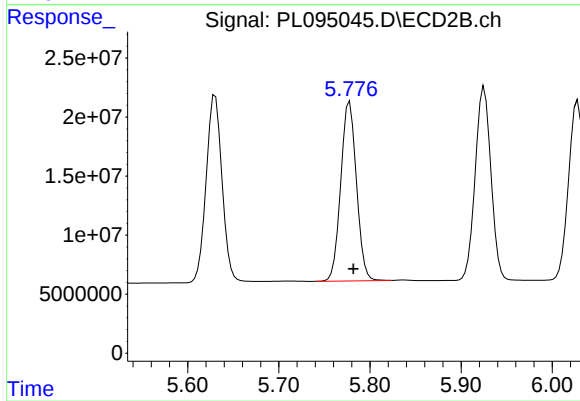
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: -0.003 min
Response: 198297836
Conc: 45.81 ng/ml



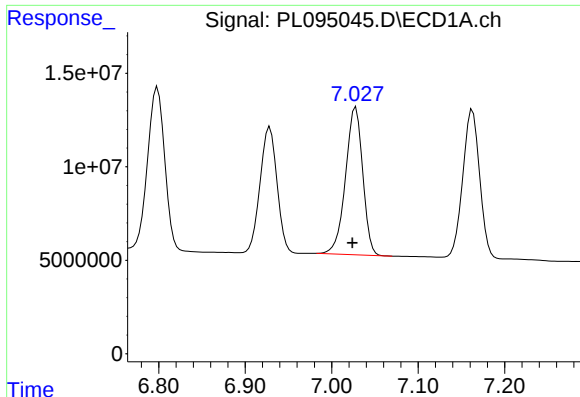
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.004 min
Response: 109333032
Conc: 50.48 ng/ml



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 181708773
Conc: 50.53 ng/ml



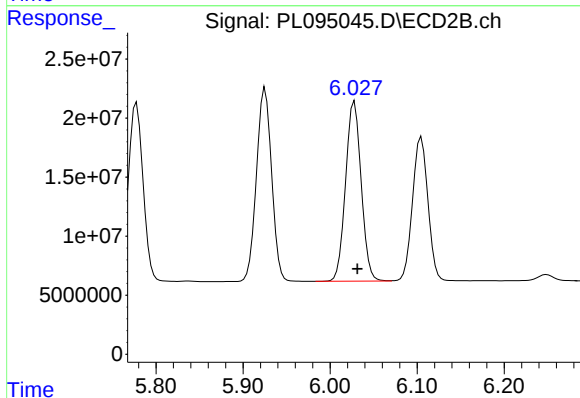
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.004 min
Response: 108451688
Conc: 45.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

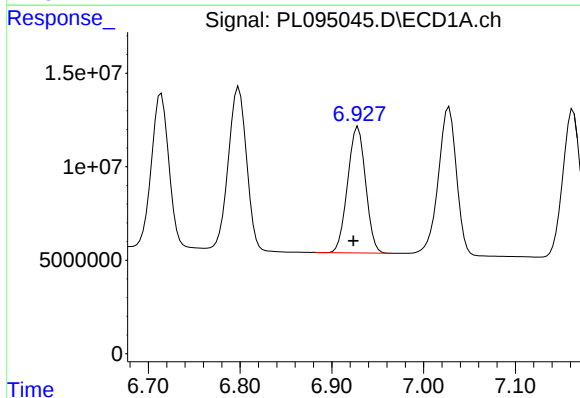
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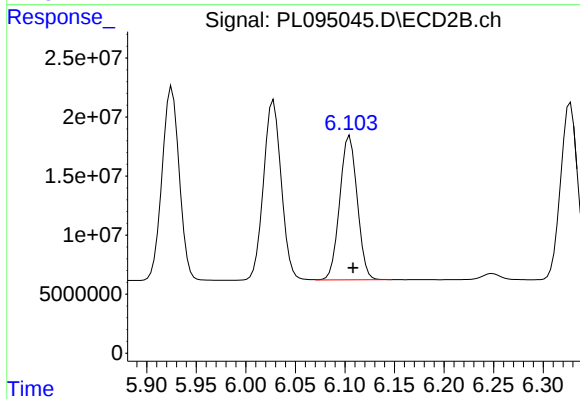
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: -0.004 min
Response: 189618362
Conc: 47.03 ng/ml



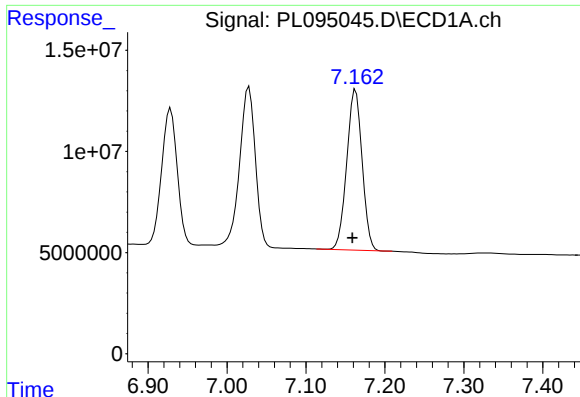
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.005 min
Response: 91769966
Conc: 43.47 ng/ml



#18 Endrin aldehyde

R.T.: 6.105 min
Delta R.T.: -0.003 min
Response: 150034321
Conc: 44.58 ng/ml



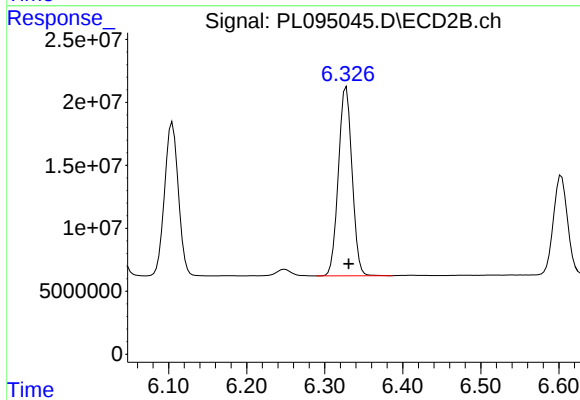
#19 Endosulfan Sulfate

R.T.: 7.163 min
Delta R.T.: 0.004 min
Response: 107322540
Conc: 44.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

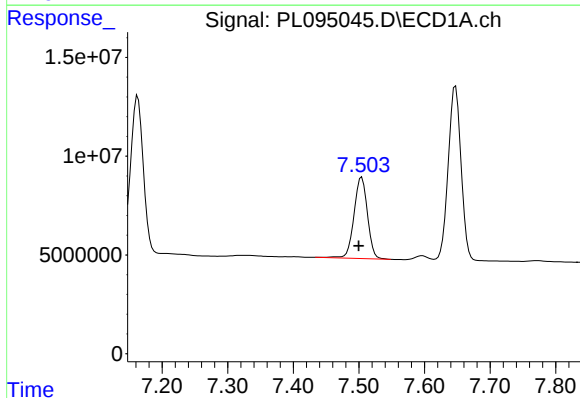
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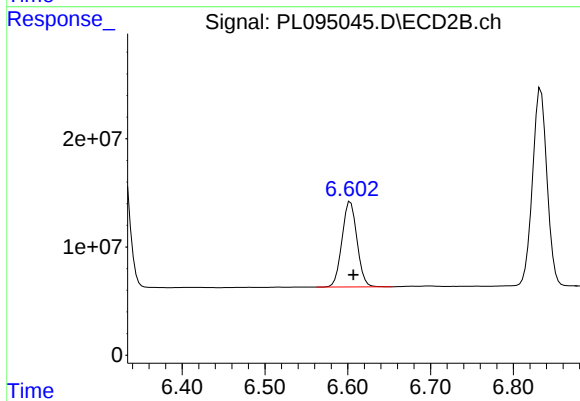
#19 Endosulfan Sulfate

R.T.: 6.328 min
Delta R.T.: -0.003 min
Response: 182190739
Conc: 44.73 ng/ml



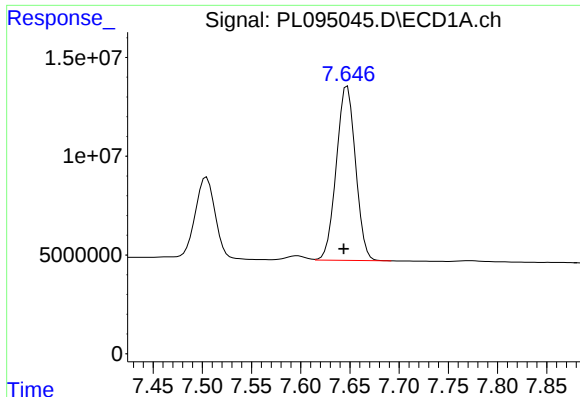
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.005 min
Response: 58655786
Conc: 49.00 ng/ml



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: -0.004 min
Response: 99430401
Conc: 46.88 ng/ml



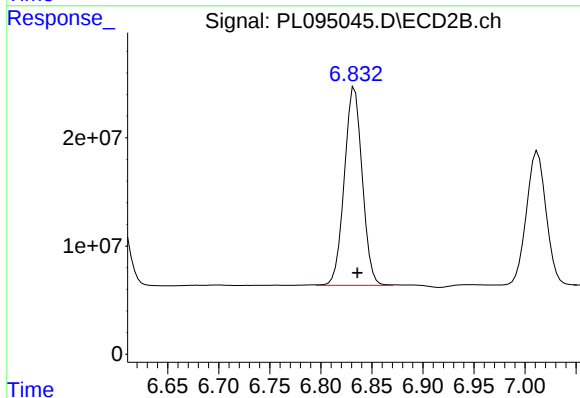
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: 0.004 min
Response: 119889423
Conc: 45.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

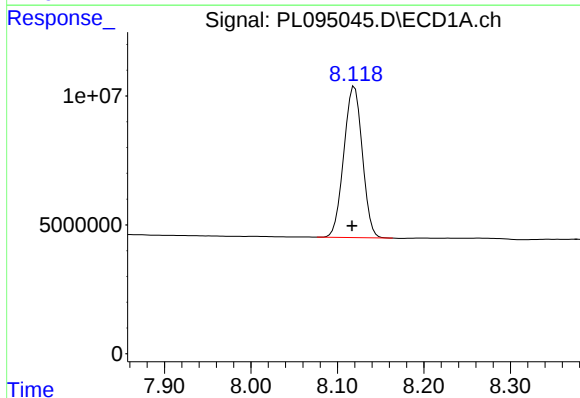
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/07/2025
Supervised By :mohammad ahmed 04/09/2025



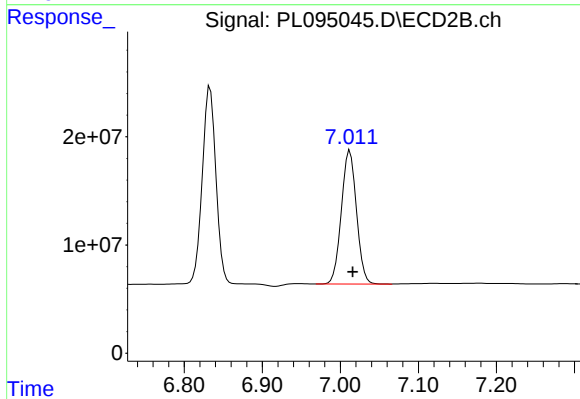
#21 Endrin ketone

R.T.: 6.832 min
Delta R.T.: -0.004 min
Response: 223003054
Conc: 46.73 ng/ml m



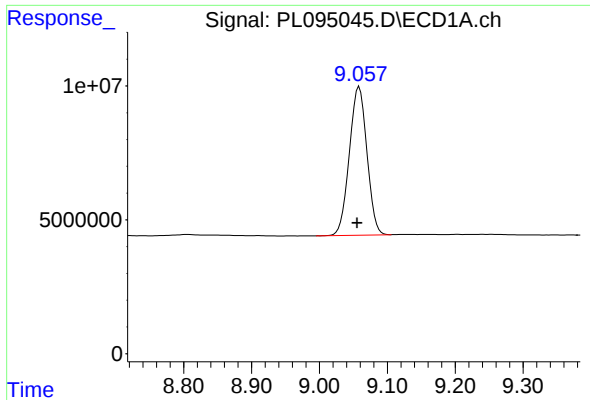
#22 Mirex

R.T.: 8.120 min
Delta R.T.: 0.003 min
Response: 86697464
Conc: 41.96 ng/ml



#22 Mirex

R.T.: 7.012 min
Delta R.T.: -0.003 min
Response: 165538595
Conc: 43.62 ng/ml



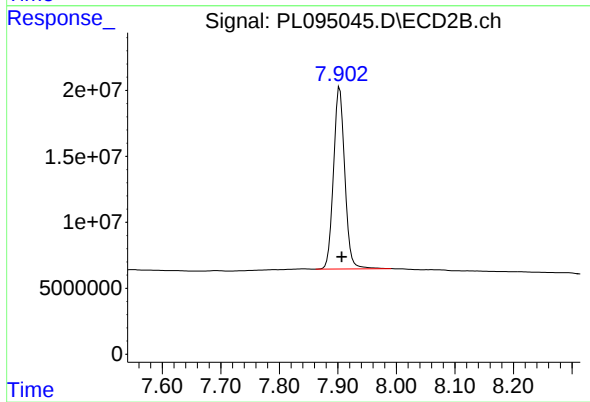
#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.003 min
Response: 99754178
Conc: 47.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :mohammad ahmed 04/09/2025



#28 Decachlorobiphenyl

R.T.: 7.903 min
Delta R.T.: -0.004 min
Response: 184427038
Conc: 45.66 ng/ml