

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041725\
 Data File : PL095281.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Apr 2025 14:15
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/18/2025
 Supervised By :mohammad ahmed 04/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 17 14:31:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 14 19:12:49 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...	3.539	2.769	147.3E6	193.8E6	53.687	52.078
28)	SA Decachlor...	9.055	7.900	131.1E6	249.3E6	54.433	56.675
Target Compounds							
2)	A alpha-BHC	3.995	3.270	181.0E6	245.3E6	45.028	44.291
3)	MA gamma-BHC...	4.327	3.600	174.4E6	232.0E6	45.361	44.087
4)	MA Heptachlor	4.915	3.937	172.1E6	242.1E6	46.927	46.568
5)	MB Aldrin	5.257	4.217	167.9E6	226.9E6	47.582	46.562
6)	B beta-BHC	4.527	3.901	78142646	102.0E6	44.569	44.020
7)	B delta-BHC	4.774	4.129	176.0E6	234.1E6	44.911	45.278
8)	B Heptachlo...	5.683	4.719	155.3E6	216.1E6	48.356	47.305
9)	A Endosulfan I	6.069	5.089	146.9E6	196.5E6	47.404	45.257
10)	B gamma-Chl...	5.940	4.969	158.6E6	227.6E6	47.482	47.256
11)	B alpha-Chl...	6.018	5.032	157.0E6	224.2E6	47.297	47.311
12)	B 4,4'-DDE	6.193	5.220	149.1E6	224.9E6	45.597	46.711m
13)	MA Dieldrin	6.344	5.353	155.9E6	230.4E6	47.309	48.006
14)	MA Endrin	6.573	5.628	128.9E6	207.6E6	49.478m	49.696
15)	B Endosulfa...	6.794	5.924	134.7E6	206.8E6	47.216	47.111
16)	A 4,4'-DDD	6.711	5.777	118.1E6	184.1E6	46.513	47.316
17)	MA 4,4'-DDT	7.024	6.027	118.1E6	192.9E6	46.387	46.311
18)	B Endrin al...	6.925	6.103	100.5E6	154.6E6	45.660	45.881
19)	B Endosulfa...	7.159	6.327	119.0E6	200.8E6	46.305	48.081
20)	A Methoxychlor	7.501	6.601	61037964	104.6E6	45.570	46.582
21)	B Endrin ke...	7.645	6.830	130.5E6	244.9E6	45.207	48.569m
22)	Mirex	8.117	7.010	99676179	185.8E6	46.858	47.261

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041725\
Data File : PL095281.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2025 14:15
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

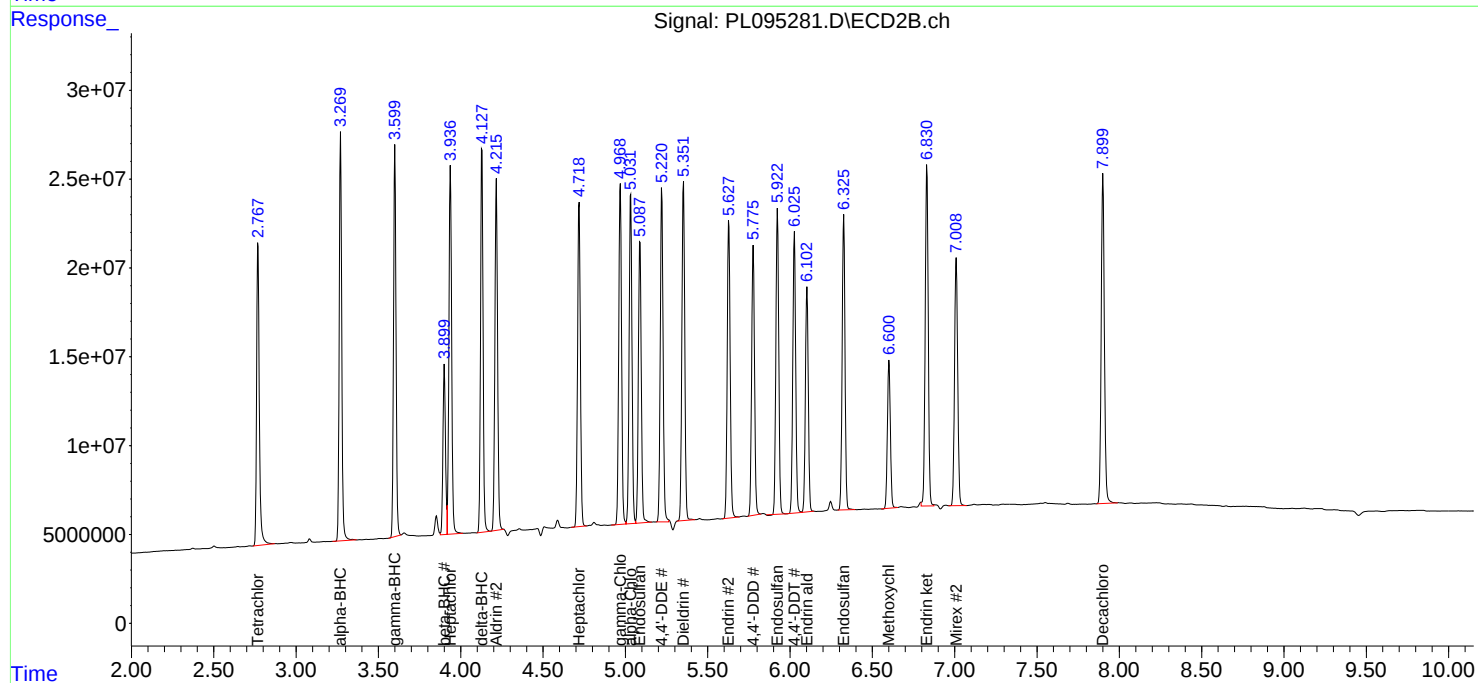
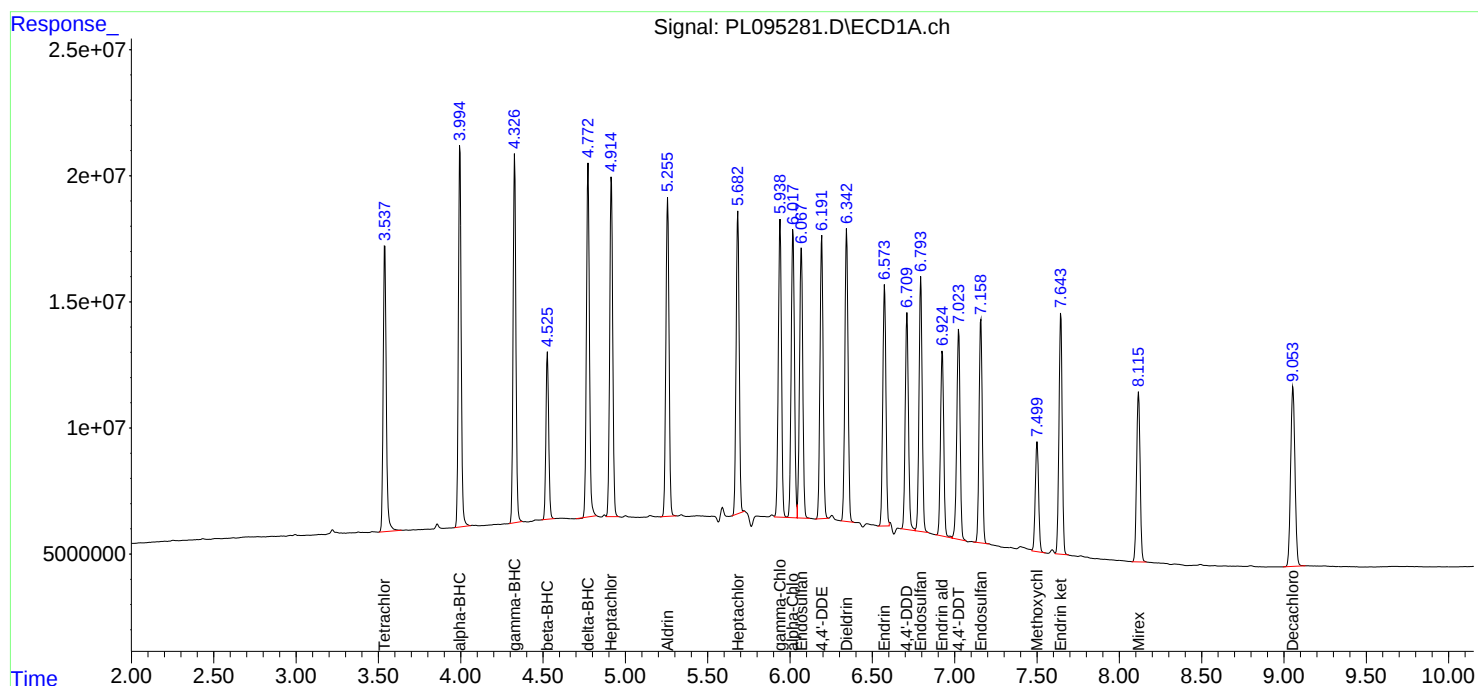
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

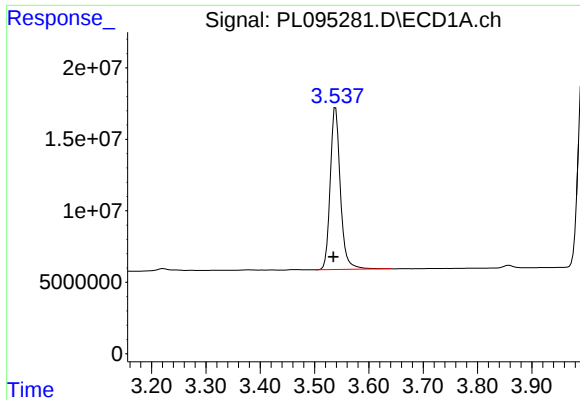
Manual Integrations
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Supervised By :mohammad ahmed 04/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 17 14:31:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 19:12:49 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





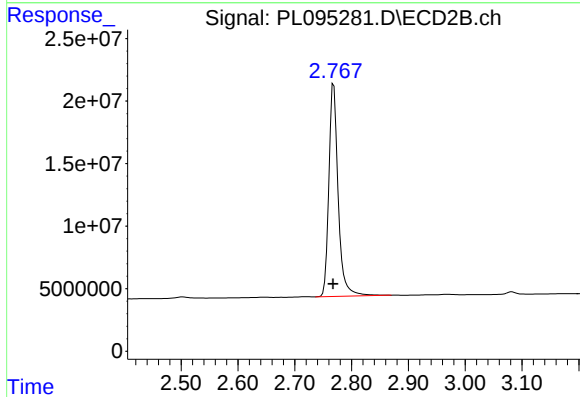
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: 0.004 min
Response: 147277467
Conc: 53.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

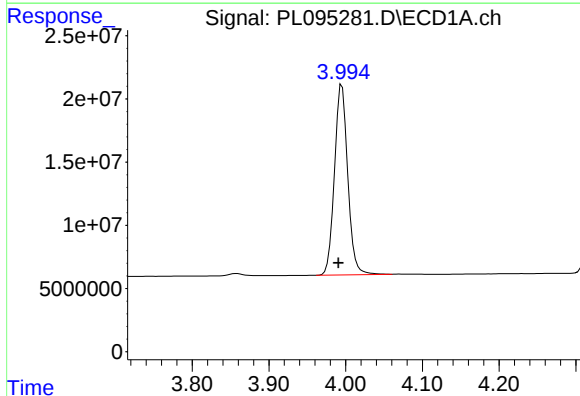
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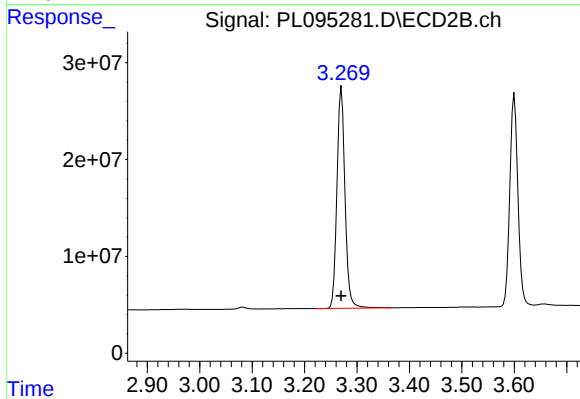
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: 0.001 min
Response: 193792873
Conc: 52.08 ng/ml



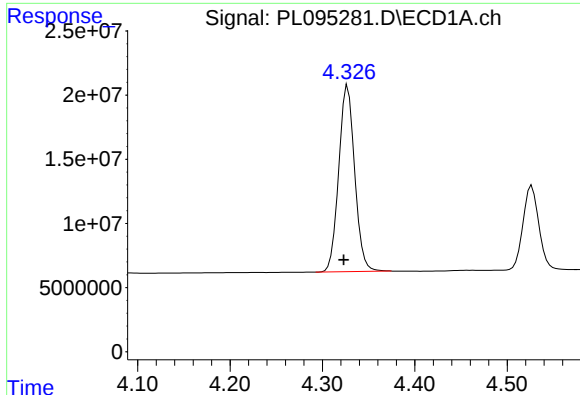
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.005 min
Response: 180973257
Conc: 45.03 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: 0.001 min
Response: 245260784
Conc: 44.29 ng/ml



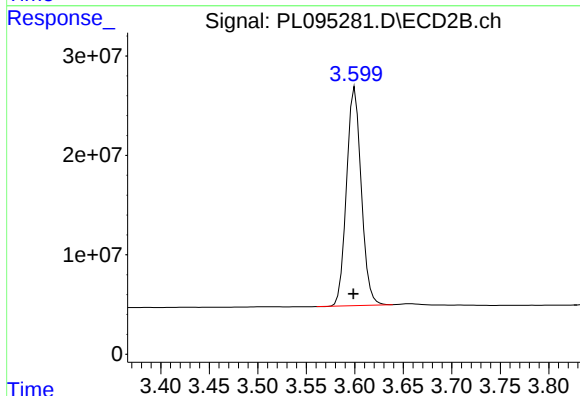
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.004 min
Response: 174440921
Conc: 45.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

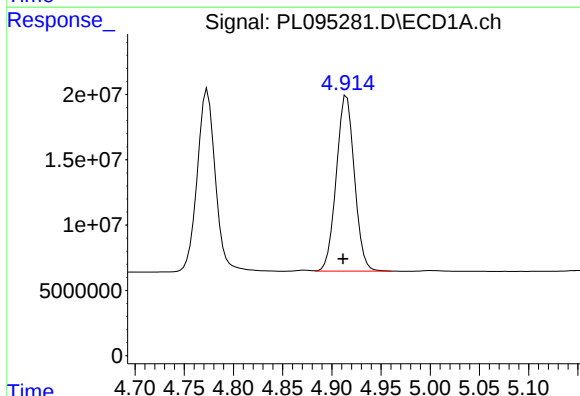
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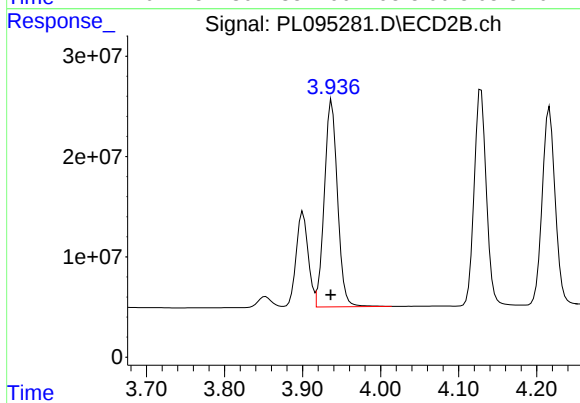
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: 0.002 min
Response: 232037119
Conc: 44.09 ng/ml



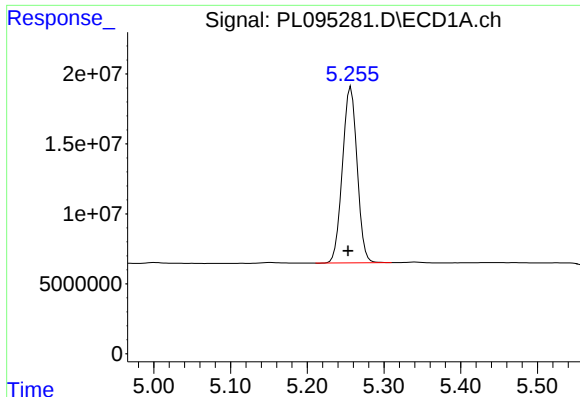
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.004 min
Response: 172052453
Conc: 46.93 ng/ml



#4 Heptachlor

R.T.: 3.937 min
Delta R.T.: 0.001 min
Response: 242128429
Conc: 46.57 ng/ml



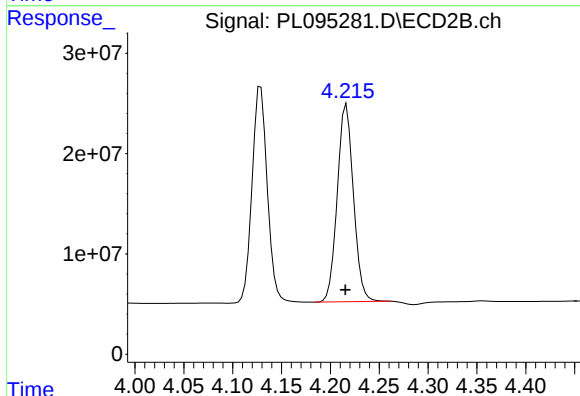
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: 0.004 min
Response: 167921809
Conc: 47.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

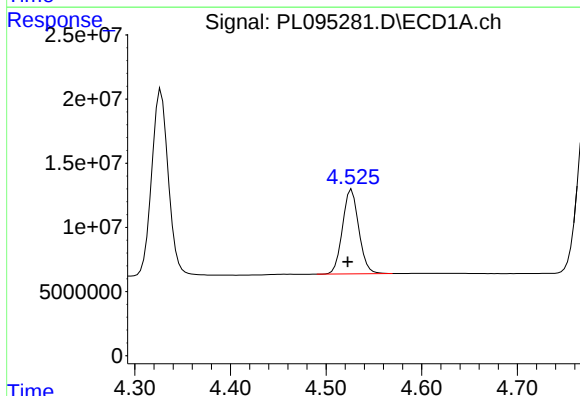
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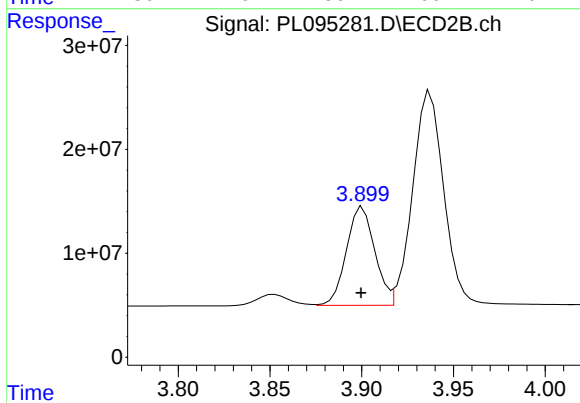
#5 Aldrin

R.T.: 4.217 min
Delta R.T.: 0.001 min
Response: 226919429
Conc: 46.56 ng/ml



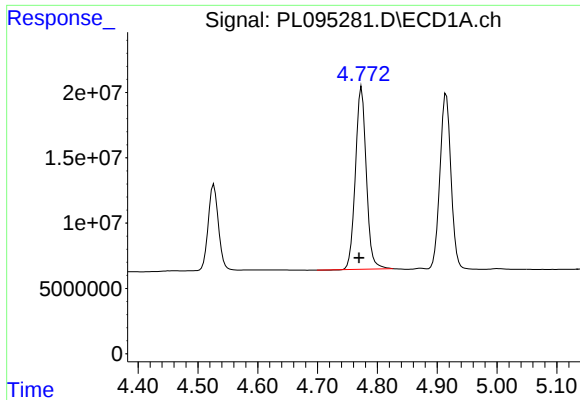
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.004 min
Response: 78142646
Conc: 44.57 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: 0.000 min
Response: 101999222
Conc: 44.02 ng/ml



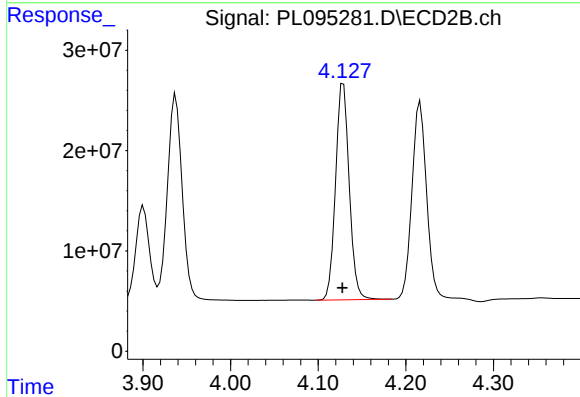
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: 0.004 min
Response: 175989432
Conc: 44.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

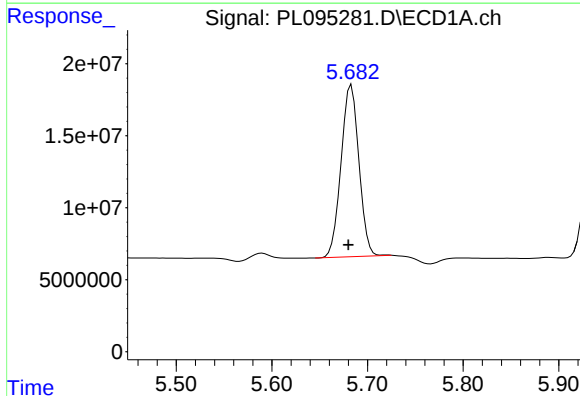
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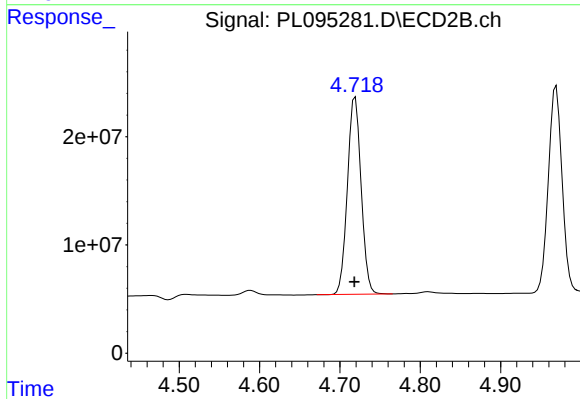
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: 0.001 min
Response: 234090983
Conc: 45.28 ng/ml



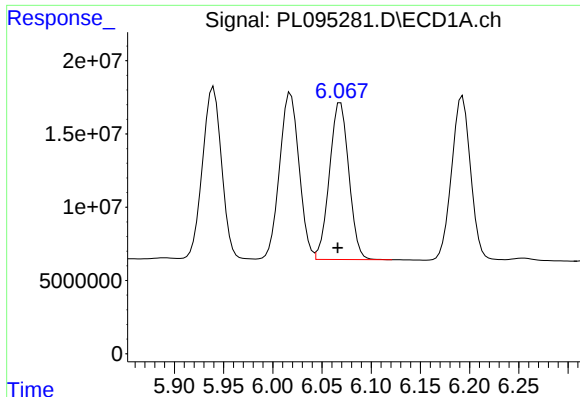
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.003 min
Response: 155259942
Conc: 48.36 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: 0.001 min
Response: 216120573
Conc: 47.30 ng/ml



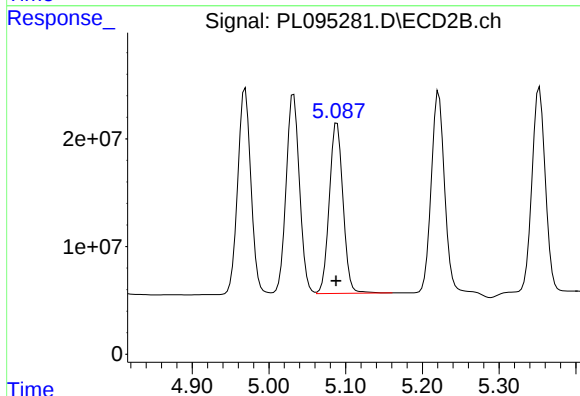
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.003 min
Response: 146876359
Conc: 47.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

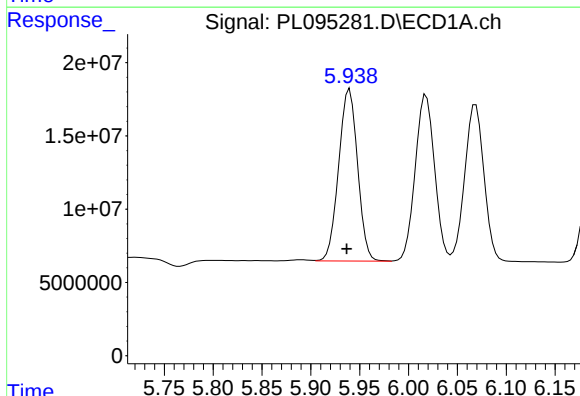
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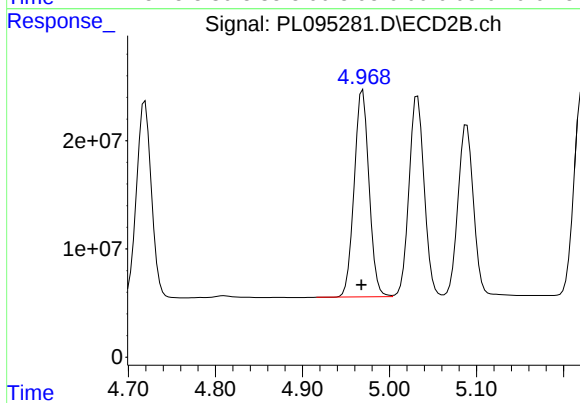
#9 Endosulfan I

R.T.: 5.089 min
Delta R.T.: 0.001 min
Response: 196454578
Conc: 45.26 ng/ml



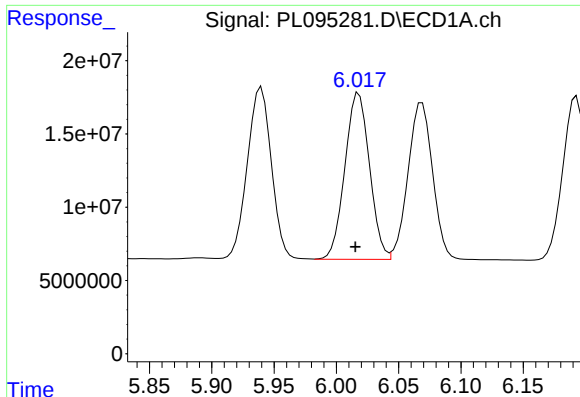
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.003 min
Response: 158612512
Conc: 47.48 ng/ml



#10 gamma-Chlordane

R.T.: 4.969 min
Delta R.T.: 0.002 min
Response: 227622326
Conc: 47.26 ng/ml



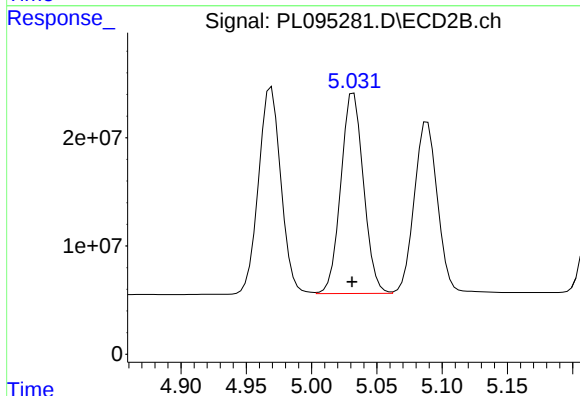
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.003 min
Response: 157001362
Conc: 47.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

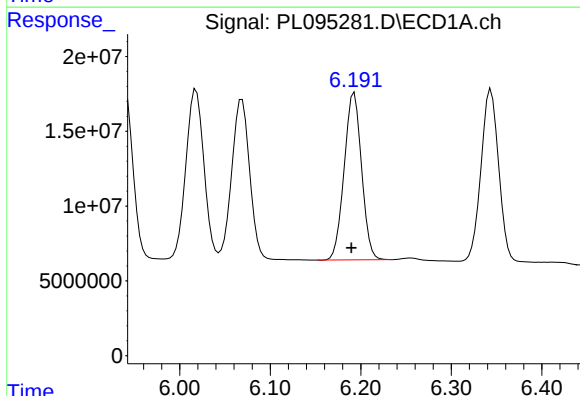
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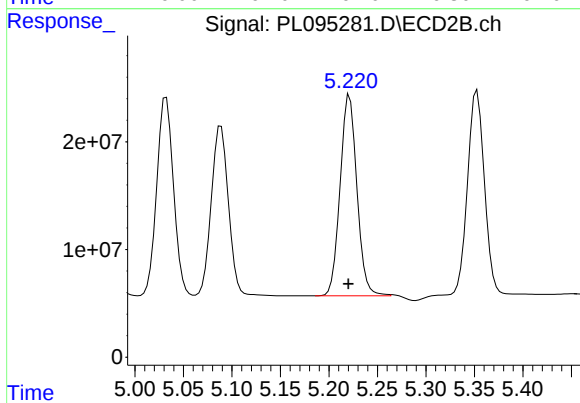
#11 alpha-Chlordane

R.T.: 5.032 min
Delta R.T.: 0.001 min
Response: 224235104
Conc: 47.31 ng/ml



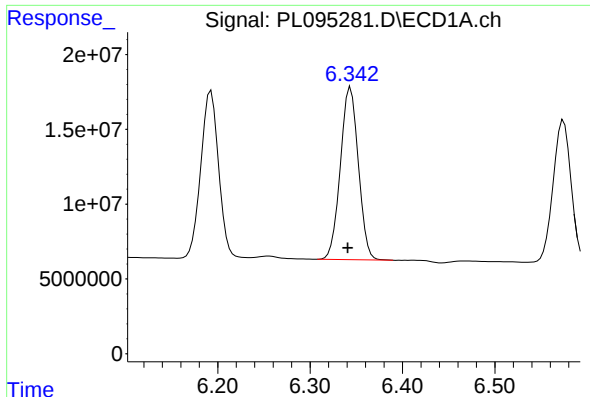
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.003 min
Response: 149094163
Conc: 45.60 ng/ml



#12 4,4'-DDE

R.T.: 5.220 min
Delta R.T.: 0.000 min
Response: 224902146
Conc: 46.71 ng/ml m



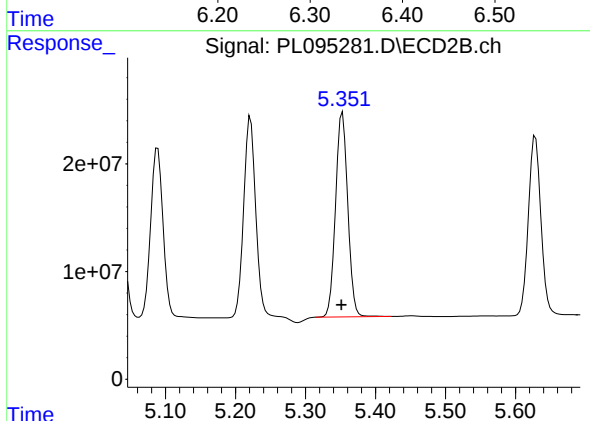
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.003 min
Response: 155888286
Conc: 47.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

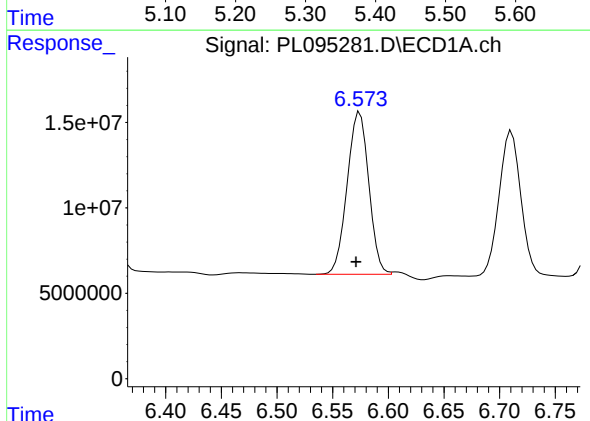
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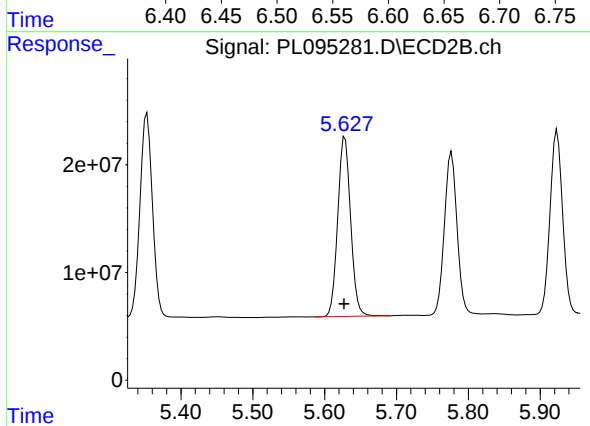
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: 0.001 min
Response: 230432058
Conc: 48.01 ng/ml



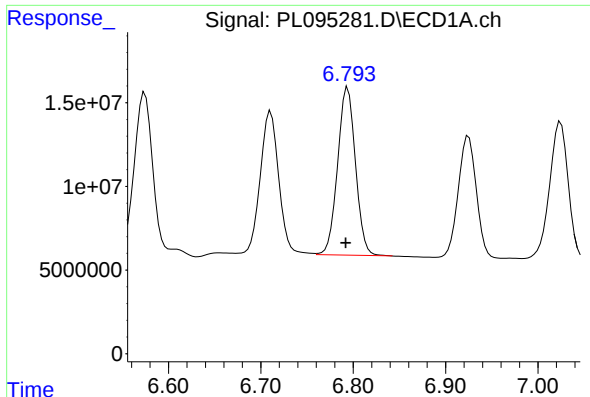
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.002 min
Response: 128945424
Conc: 49.48 ng/ml m



#14 Endrin

R.T.: 5.628 min
Delta R.T.: 0.001 min
Response: 207601910
Conc: 49.70 ng/ml



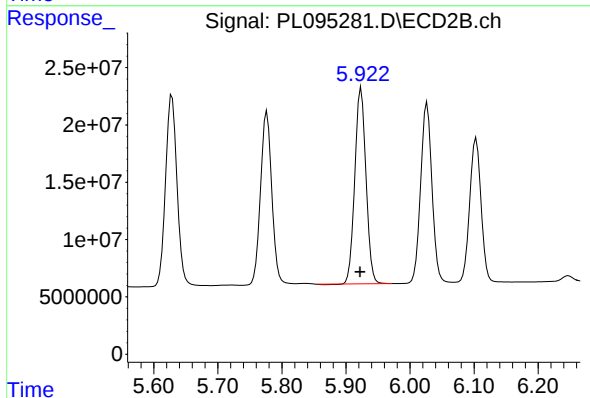
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.002 min
Response: 134675980
Conc: 47.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

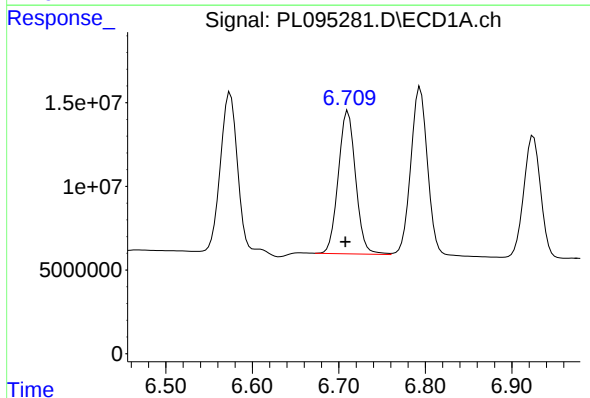
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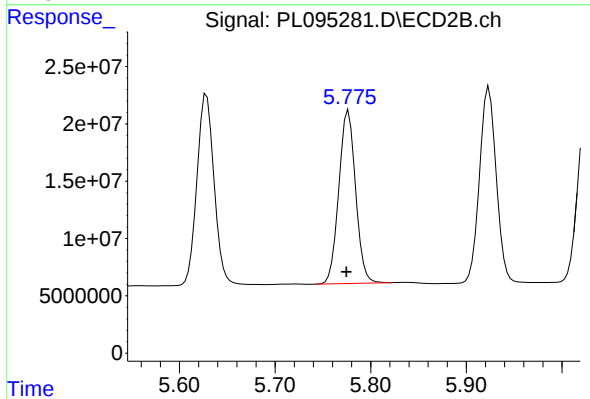
#15 Endosulfan II

R.T.: 5.924 min
Delta R.T.: 0.002 min
Response: 206833955
Conc: 47.11 ng/ml



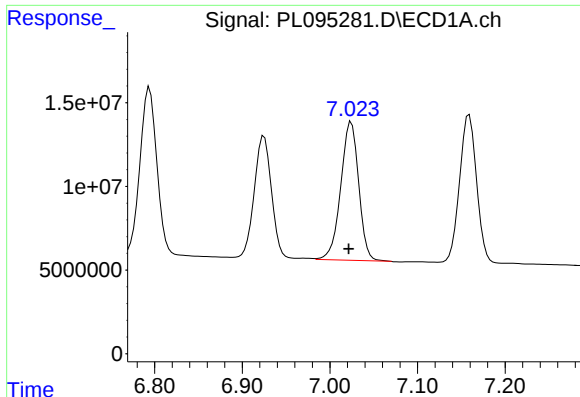
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.003 min
Response: 118100993
Conc: 46.51 ng/ml



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: 0.002 min
Response: 184057828
Conc: 47.32 ng/ml



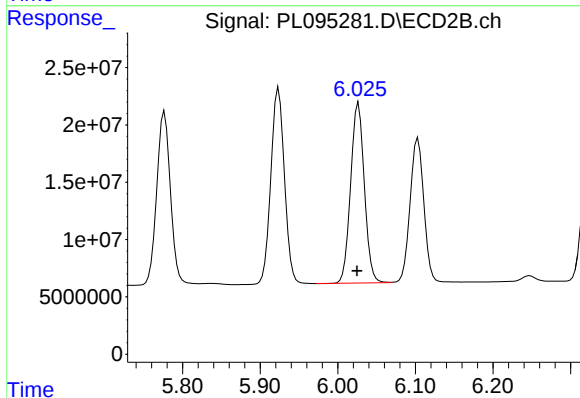
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.003 min
Response: 118079003
Conc: 46.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

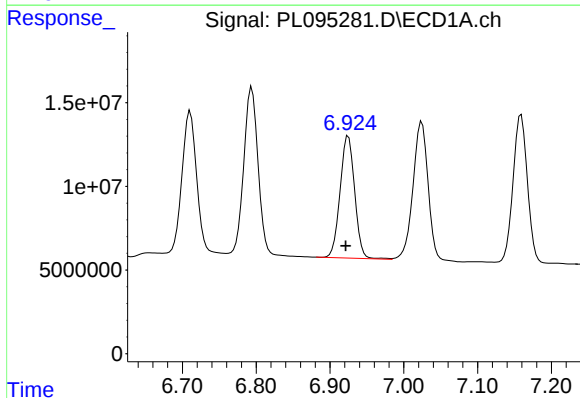
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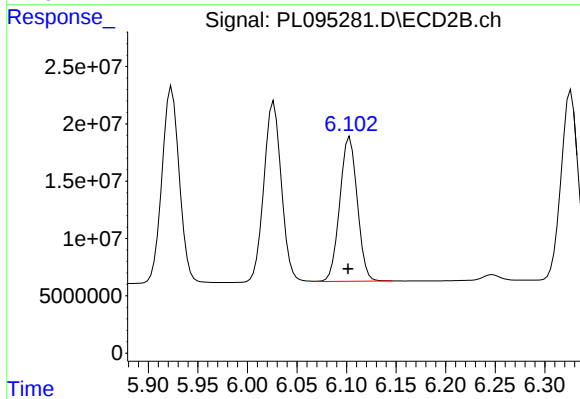
#17 4,4'-DDT

R.T.: 6.027 min
Delta R.T.: 0.002 min
Response: 192928076
Conc: 46.31 ng/ml



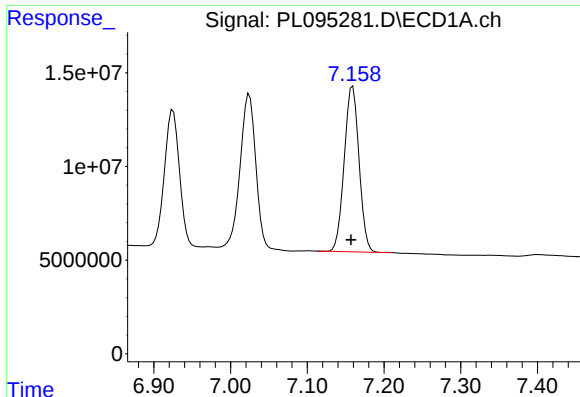
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.003 min
Response: 100502257
Conc: 45.66 ng/ml



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: 0.002 min
Response: 154610312
Conc: 45.88 ng/ml



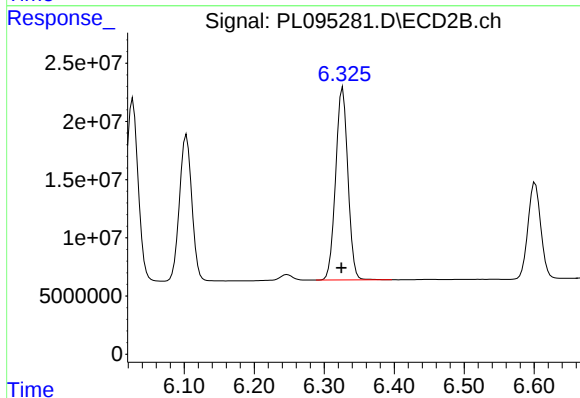
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.002 min
Response: 118987403
Conc: 46.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

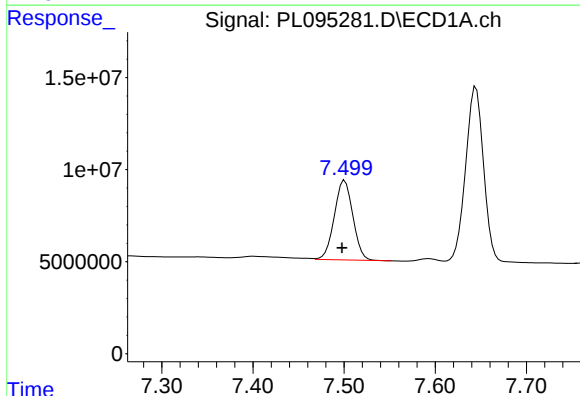
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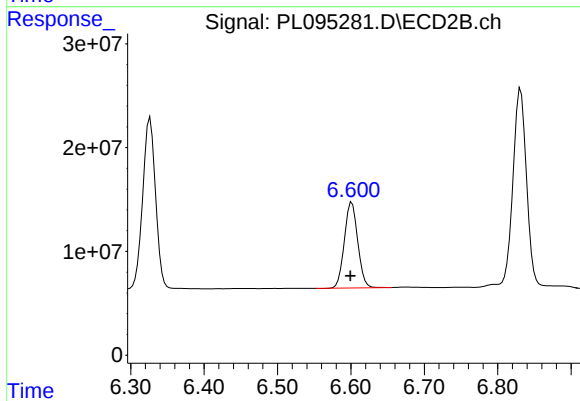
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: 0.002 min
Response: 200807947
Conc: 48.08 ng/ml



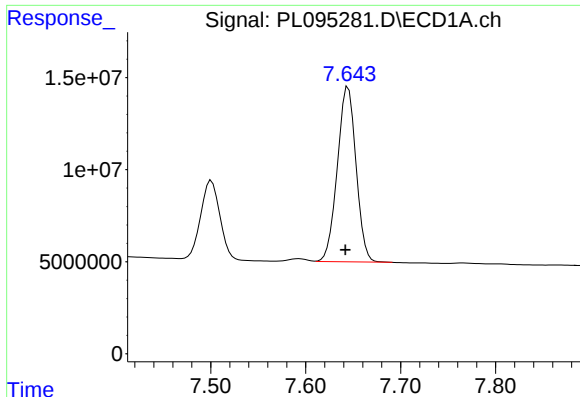
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.003 min
Response: 61037964
Conc: 45.57 ng/ml



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: 0.002 min
Response: 104608752
Conc: 46.58 ng/ml



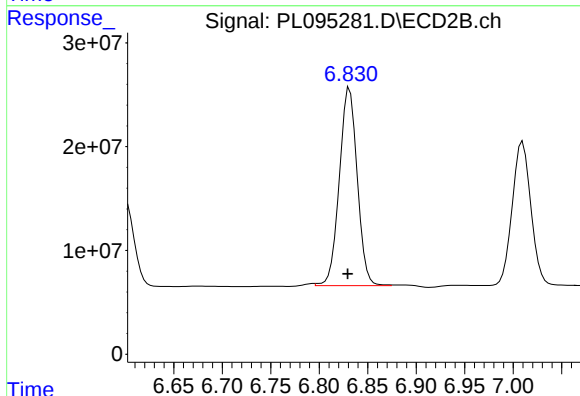
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.003 min
Response: 130497761
Conc: 45.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

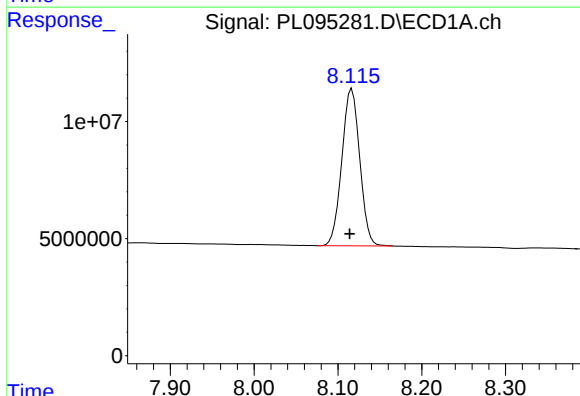
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/18/2025
Supervised By :mohammad ahmed 04/18/2025



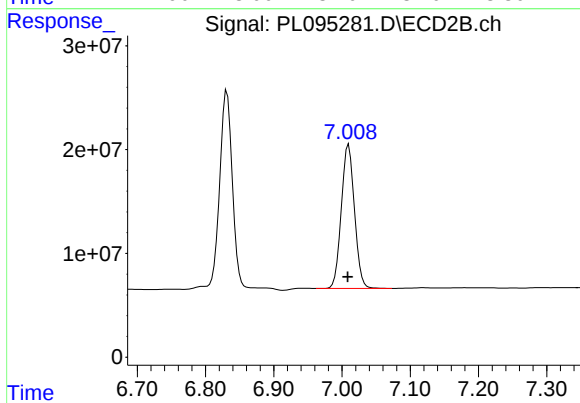
#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: 0.000 min
Response: 244889514
Conc: 48.57 ng/ml m



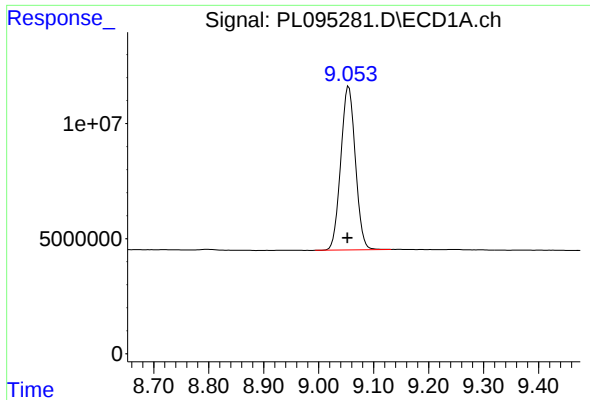
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.002 min
Response: 99676179
Conc: 46.86 ng/ml



#22 Mirex

R.T.: 7.010 min
Delta R.T.: 0.001 min
Response: 185819457
Conc: 47.26 ng/ml



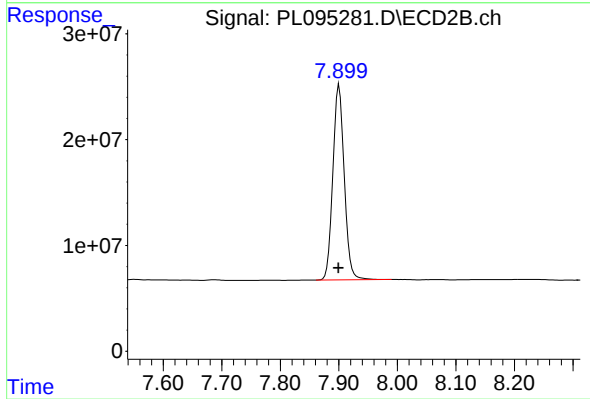
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.002 min
Response: 131057859
Conc: 54.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.900 min
Delta R.T.: 0.000 min
Response: 249316489
Conc: 56.67 ng/ml