

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060425\
 Data File : PL095928.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2025 17:46
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/05/2025
 Supervised By : mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 01:44:14 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...	3.572	2.886	173.0E6	223.0E6	54.818	56.970
2)	SA Decachlor...	9.096	8.059	109.9E6	205.6E6	46.640	46.996
Target Compounds							
2)	A alpha-BHC	4.023	3.395	267.3E6	344.2E6	55.142	58.764
3)	MA gamma-BHC...	4.355	3.729	243.4E6	322.9E6	54.436	57.656
4)	MA Heptachlor	4.952	4.081	197.3E6	305.4E6	52.127	54.456
5)	MB Aldrin	5.295	4.366	230.4E6	307.6E6	53.850	57.962
6)	B beta-BHC	4.542	4.024	104.2E6	140.6E6	52.866	56.766
7)	B delta-BHC	4.790	4.259	236.4E6	321.8E6	53.327	56.977
8)	B Heptachlo...	5.716	4.868	202.3E6	277.9E6	53.001	56.285
9)	A Endosulfan I	6.099	5.240	189.6E6	255.1E6	51.725	53.535
10)	B gamma-Chl...	5.969	5.120	206.6E6	293.2E6	53.073m	55.819
11)	B alpha-Chl...	6.052	5.184	203.5E6	286.7E6	51.543	55.114
12)	B 4,4'-DDE	6.222	5.370	184.0E6	286.5E6	50.168	53.433
13)	MA Dieldrin	6.373	5.504	201.2E6	290.7E6	52.124	54.842
14)	MA Endrin	6.600	5.779	151.0E6	241.3E6	46.797	49.487
15)	B Endosulfa...	6.813	6.070	169.5E6	251.2E6	49.200	52.862
16)	A 4,4'-DDD	6.732	5.923	152.3E6	241.9E6	51.982	55.162
17)	MA 4,4'-DDT	7.047	6.176	121.3E6	216.1E6	44.822	45.177
18)	B Endrin al...	6.942	6.248	119.2E6	180.0E6	49.307	52.099
19)	B Endosulfa...	7.175	6.471	145.0E6	232.5E6	48.539	51.725
20)	A Methoxychlor	7.520	6.747	57005094	112.7E6	44.698	43.065
21)	B Endrin ke...	7.656	6.976	161.0E6	265.3E6	50.849	51.282
22)	Mirex	8.137	7.170	114.3E6	202.0E6	49.411	49.747

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060425\
Data File : PL095928.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2025 17:46
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

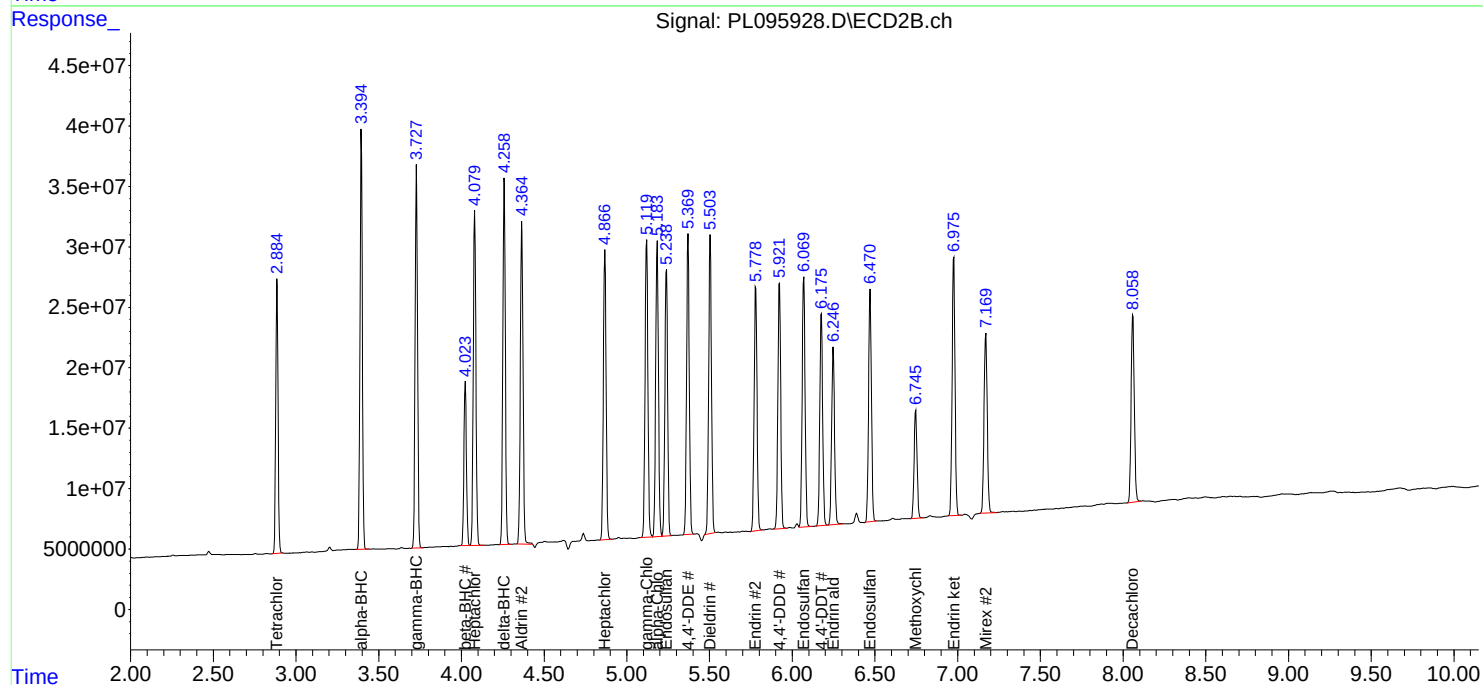
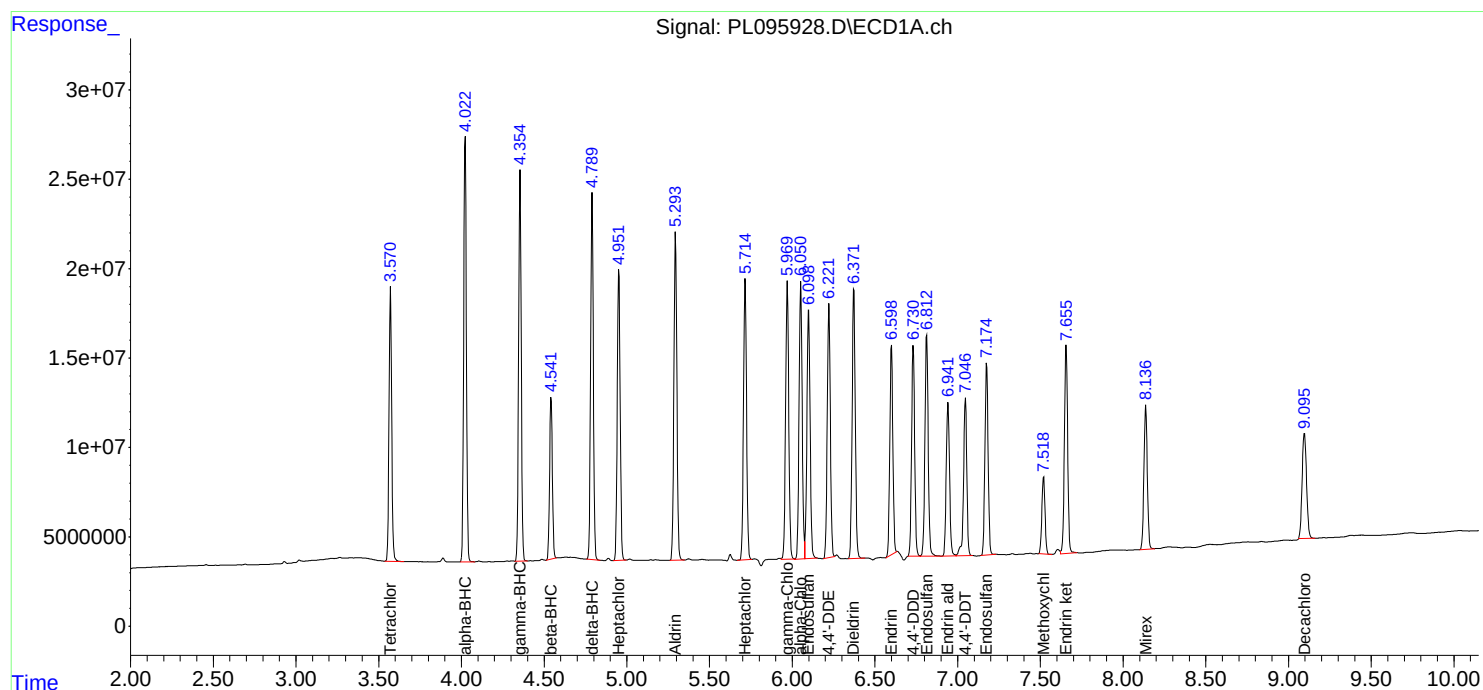
APPROVED

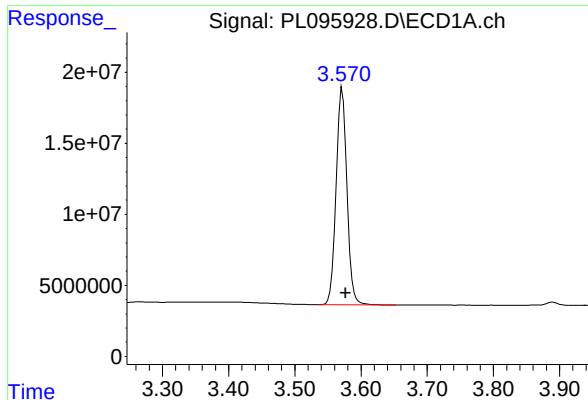
Reviewed By :Abdul Mirza 06/05/2025

Supervised By :mohammad ahmed 06/06/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 05 01:44:14 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





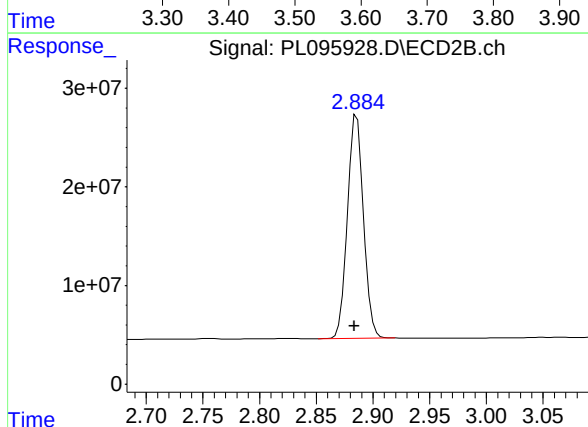
#1 Tetrachloro-m-xylene

R.T.: 3.572 min
Delta R.T.: -0.005 min
Response: 172965257
Conc: 54.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

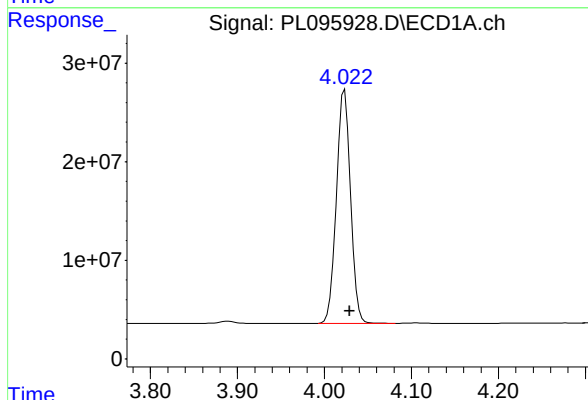
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Supervised By :mohammad ahmed 06/06/2025



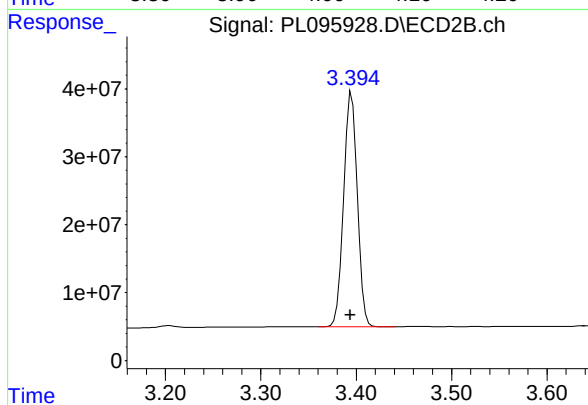
#1 Tetrachloro-m-xylene

R.T.: 2.886 min
Delta R.T.: 0.002 min
Response: 222975921
Conc: 56.97 ng/ml



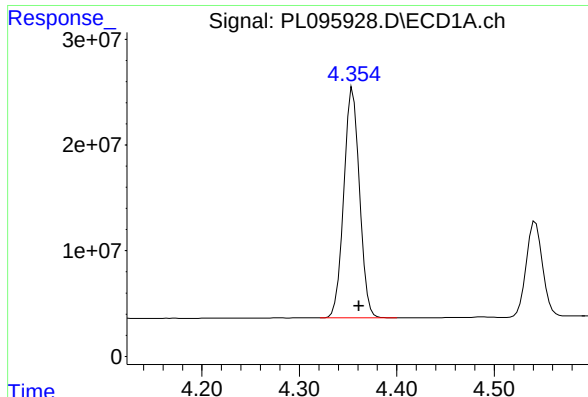
#2 alpha-BHC

R.T.: 4.023 min
Delta R.T.: -0.006 min
Response: 267325484
Conc: 55.14 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: 0.001 min
Response: 344199123
Conc: 58.76 ng/ml



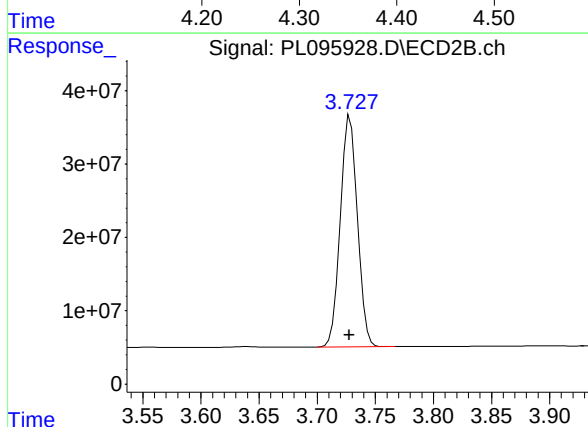
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: -0.006 min
Response: 243430031
Conc: 54.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

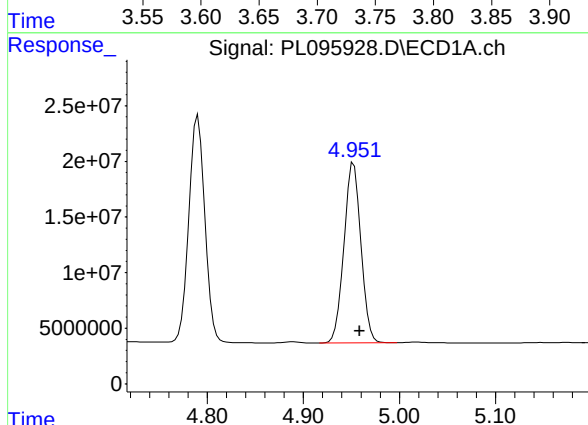
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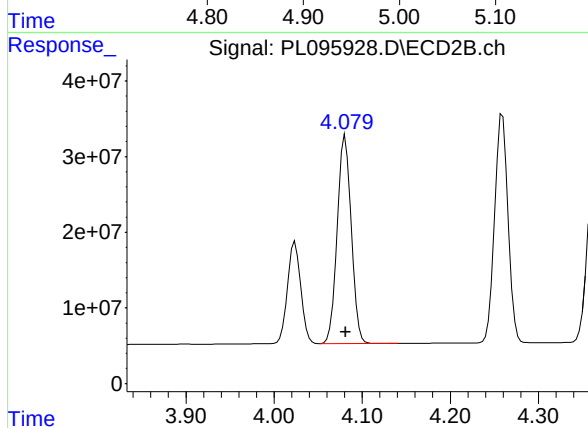
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 322945996
Conc: 57.66 ng/ml



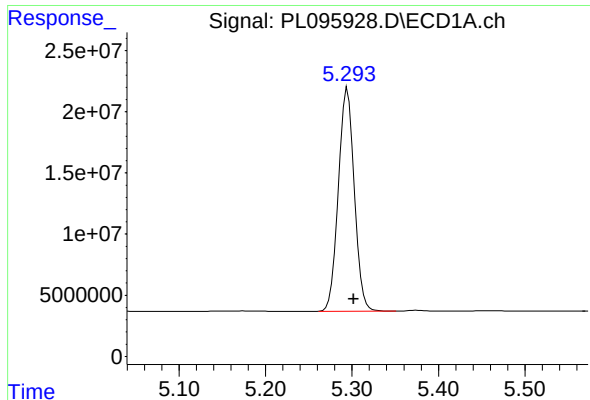
#4 Heptachlor

R.T.: 4.952 min
Delta R.T.: -0.007 min
Response: 197301439
Conc: 52.13 ng/ml



#4 Heptachlor

R.T.: 4.081 min
Delta R.T.: 0.000 min
Response: 305446498
Conc: 54.46 ng/ml



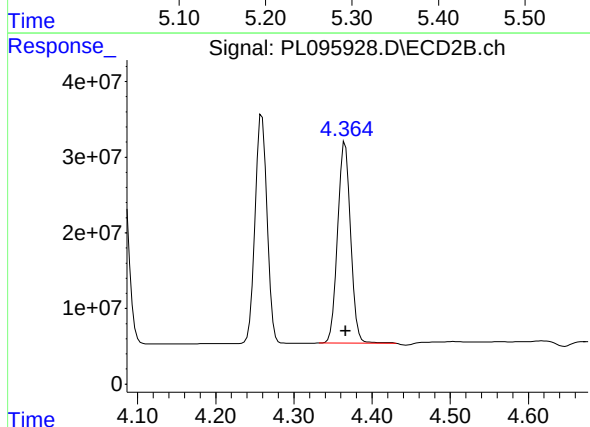
#5 Aldrin

R.T.: 5.295 min
Delta R.T.: -0.007 min
Response: 230356171
Conc: 53.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

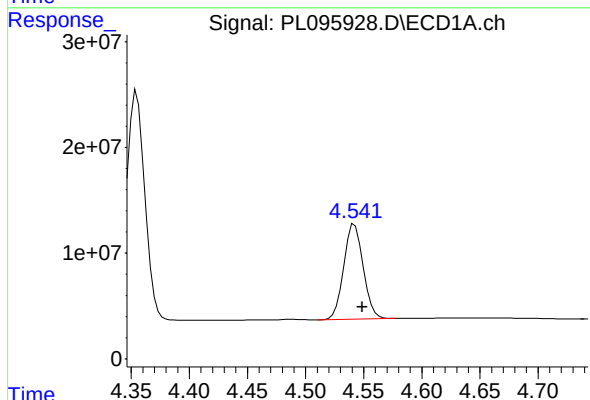
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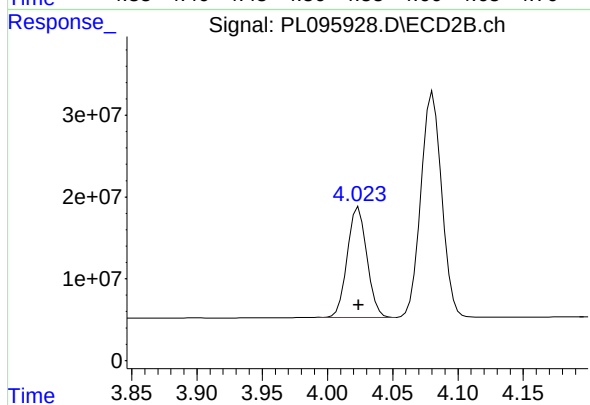
#5 Aldrin

R.T.: 4.366 min
Delta R.T.: 0.000 min
Response: 307610490
Conc: 57.96 ng/ml



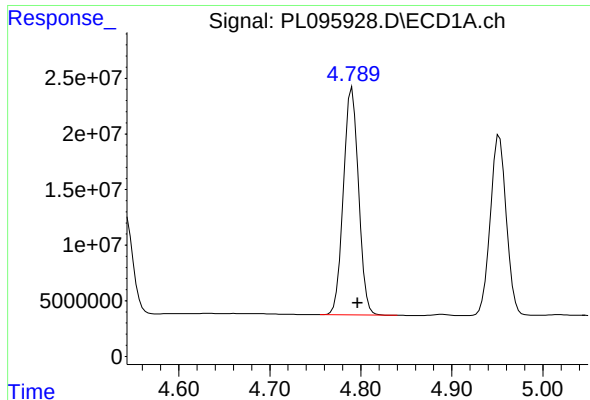
#6 beta-BHC

R.T.: 4.542 min
Delta R.T.: -0.006 min
Response: 104218504
Conc: 52.87 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 140641938
Conc: 56.77 ng/ml



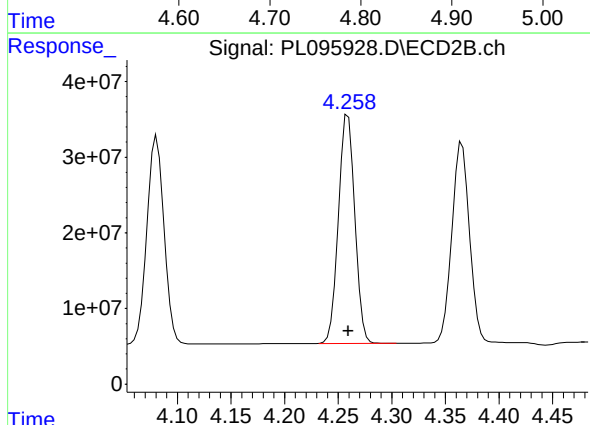
#7 delta-BHC

R.T.: 4.790 min
Delta R.T.: -0.006 min
Response: 236433342
Conc: 53.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

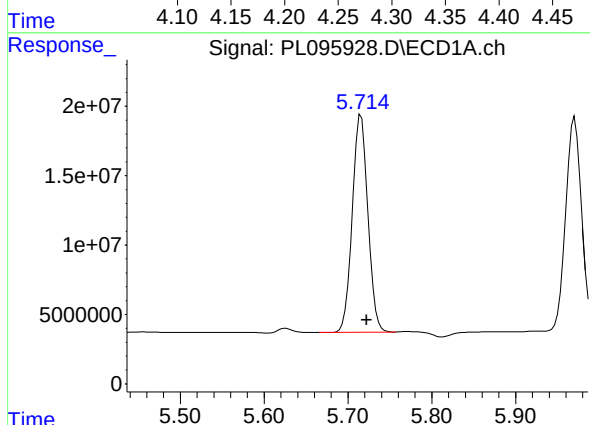
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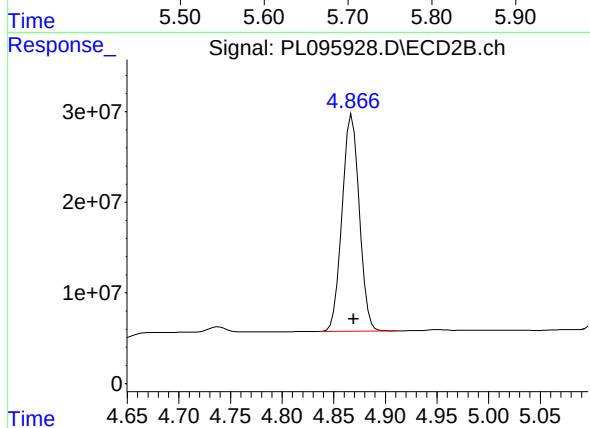
#7 delta-BHC

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 321768133
Conc: 56.98 ng/ml



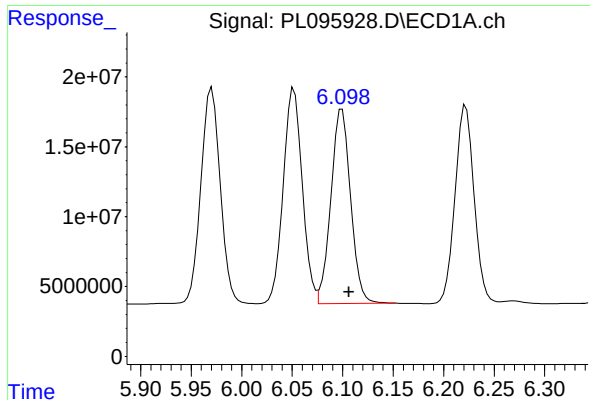
#8 Heptachlor epoxide

R.T.: 5.716 min
Delta R.T.: -0.007 min
Response: 202298500
Conc: 53.00 ng/ml



#8 Heptachlor epoxide

R.T.: 4.868 min
Delta R.T.: -0.002 min
Response: 277903916
Conc: 56.29 ng/ml



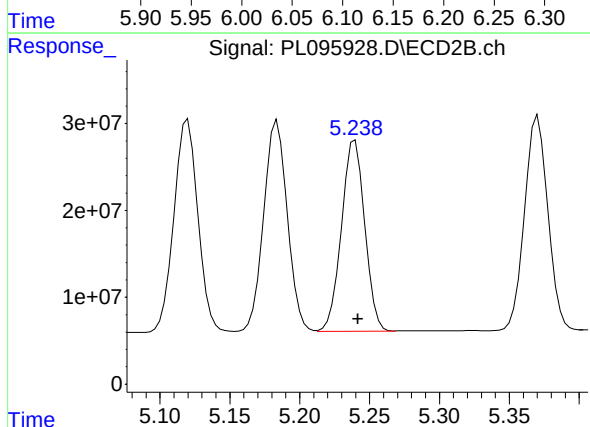
#9 Endosulfan I

R.T.: 6.099 min
Delta R.T.: -0.007 min
Response: 189565366
Conc: 51.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

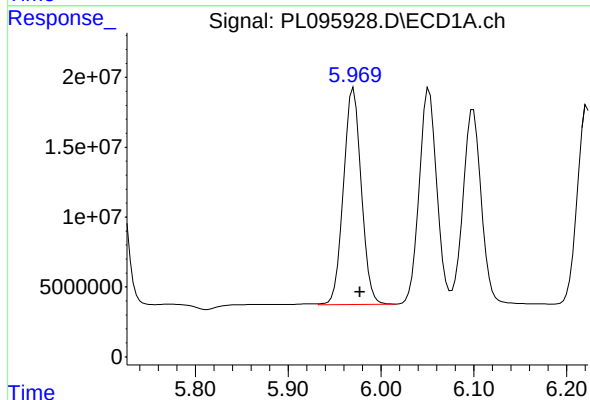
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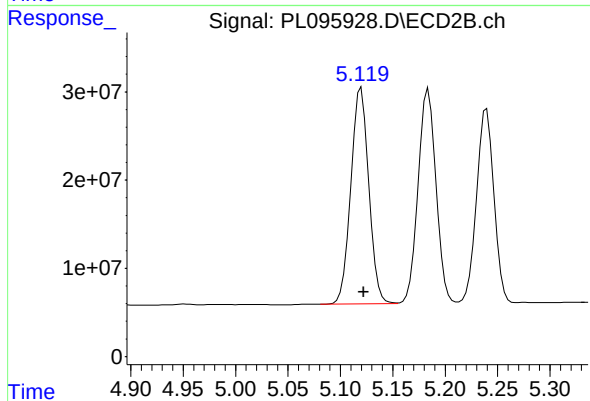
#9 Endosulfan I

R.T.: 5.240 min
Delta R.T.: -0.002 min
Response: 255092160
Conc: 53.53 ng/ml



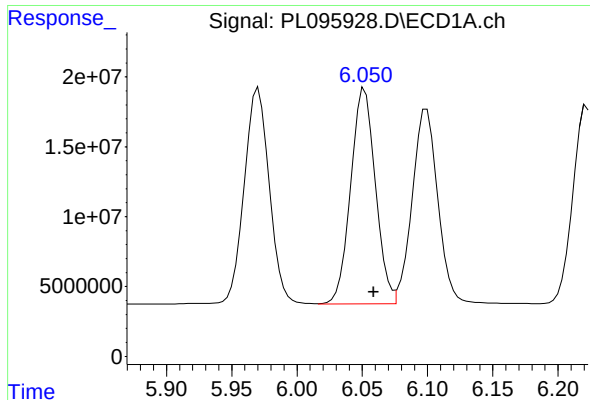
#10 gamma-Chlordane

R.T.: 5.969 min
Delta R.T.: -0.008 min
Response: 206564183
Conc: 53.07 ng/ml m



#10 gamma-Chlordane

R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 293201023
Conc: 55.82 ng/ml



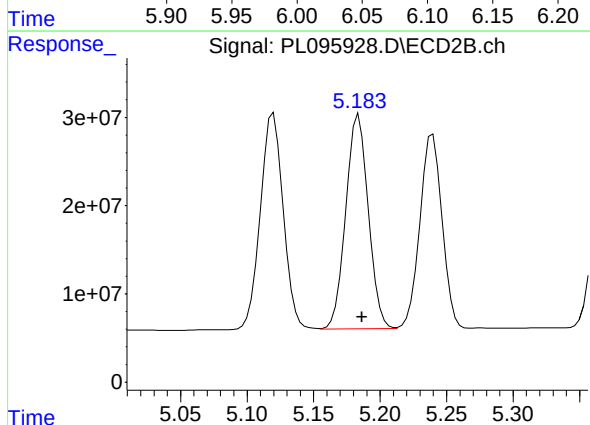
#11 alpha-Chlordane

R.T.: 6.052 min
Delta R.T.: -0.007 min
Response: 203500152
Conc: 51.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

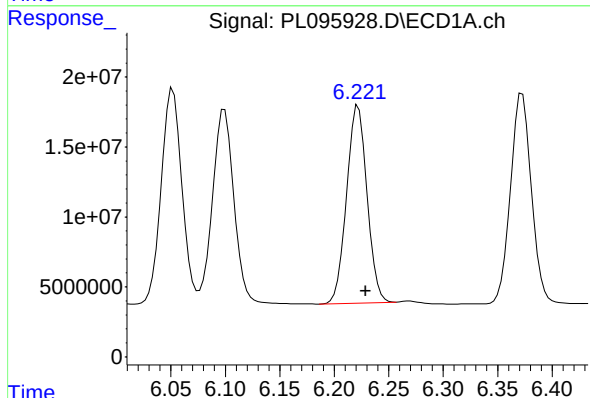
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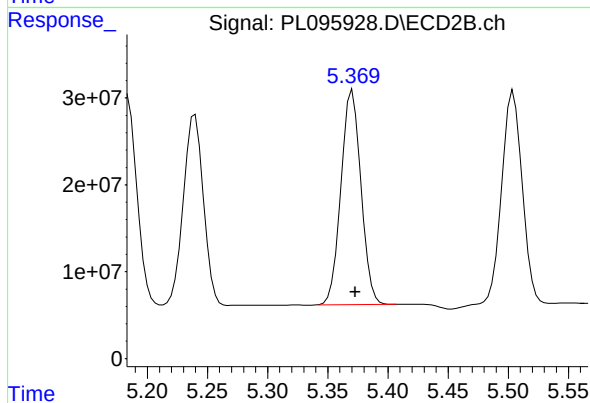
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 286742912
Conc: 55.11 ng/ml



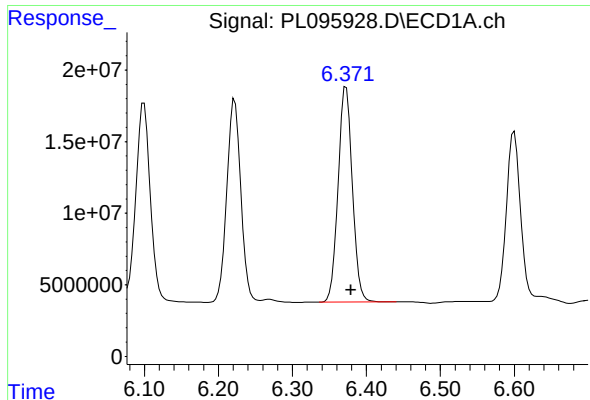
#12 4,4'-DDE

R.T.: 6.222 min
Delta R.T.: -0.007 min
Response: 184011135
Conc: 50.17 ng/ml



#12 4,4'-DDE

R.T.: 5.370 min
Delta R.T.: -0.002 min
Response: 286515291
Conc: 53.43 ng/ml



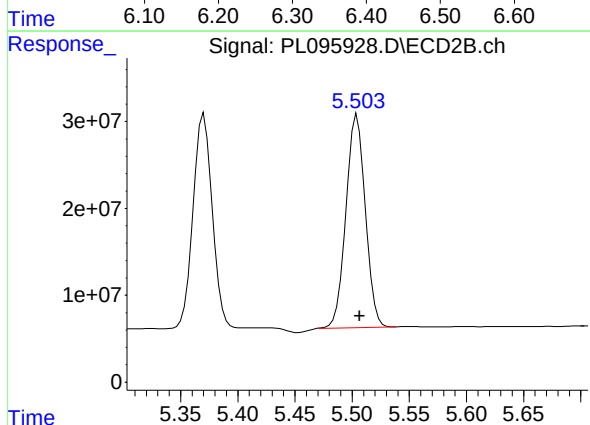
#13 Dieldrin

R.T.: 6.373 min
Delta R.T.: -0.007 min
Response: 201155124
Conc: 52.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

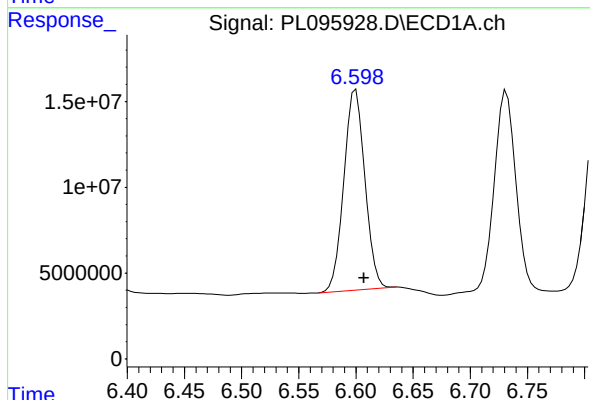
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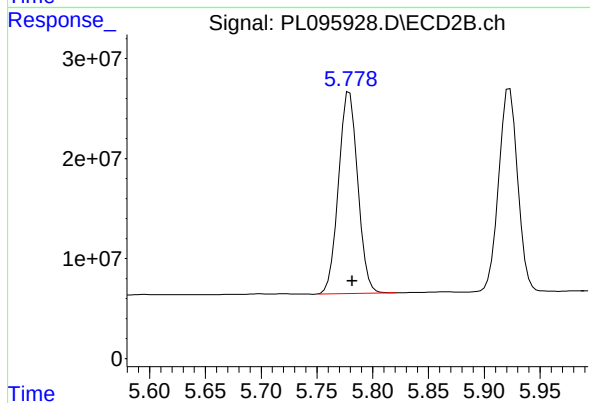
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.002 min
Response: 290668062
Conc: 54.84 ng/ml



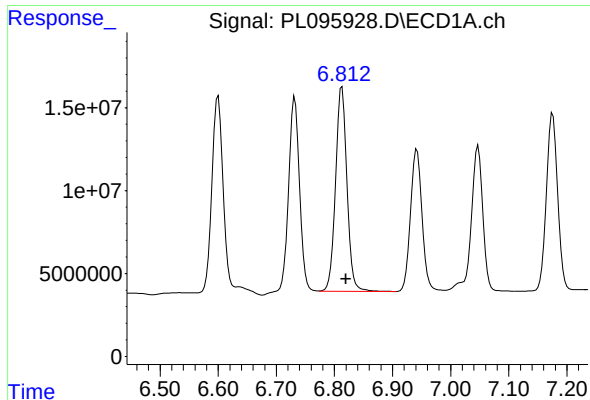
#14 Endrin

R.T.: 6.600 min
Delta R.T.: -0.007 min
Response: 151002958
Conc: 46.80 ng/ml



#14 Endrin

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 241302035
Conc: 49.49 ng/ml



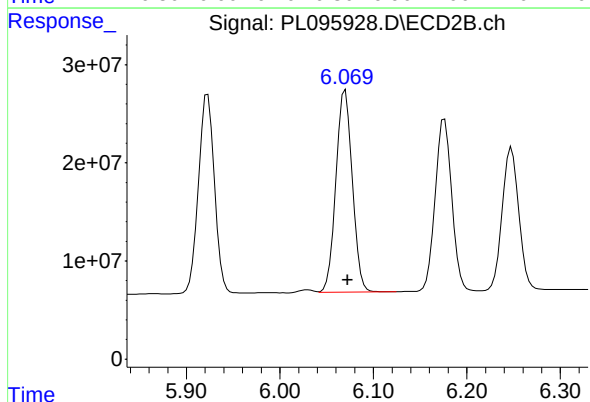
#15 Endosulfan II

R.T.: 6.813 min
Delta R.T.: -0.007 min
Response: 169544711
Conc: 49.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

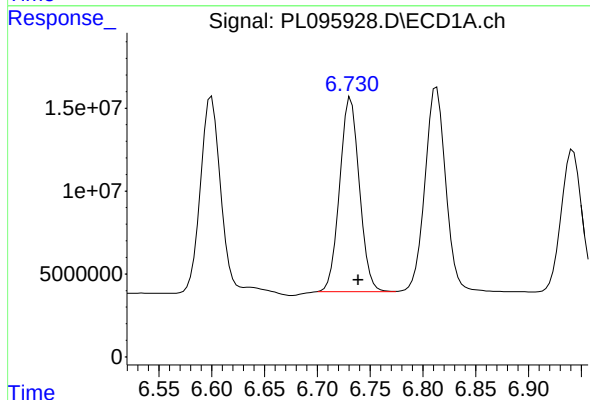
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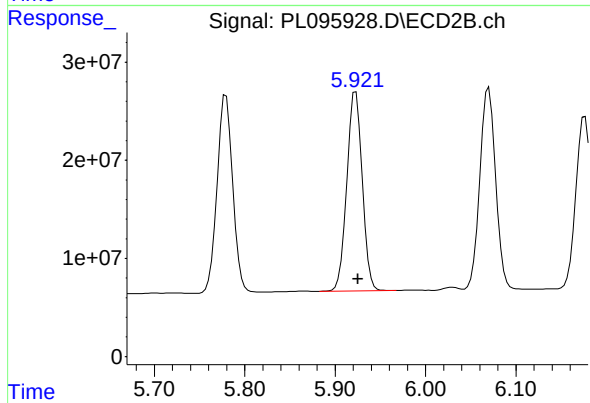
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.003 min
Response: 251191011
Conc: 52.86 ng/ml



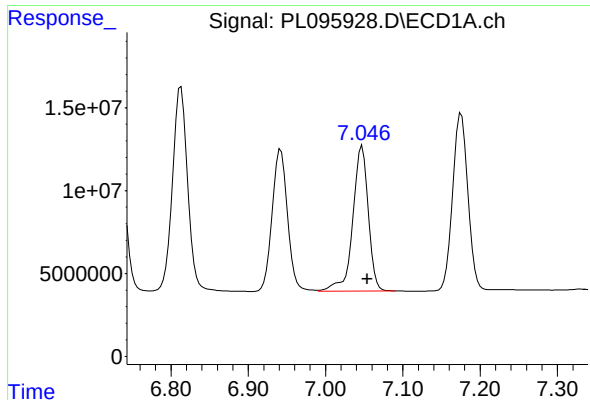
#16 4,4'-DDD

R.T.: 6.732 min
Delta R.T.: -0.007 min
Response: 152339209
Conc: 51.98 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: -0.003 min
Response: 241881767
Conc: 55.16 ng/ml



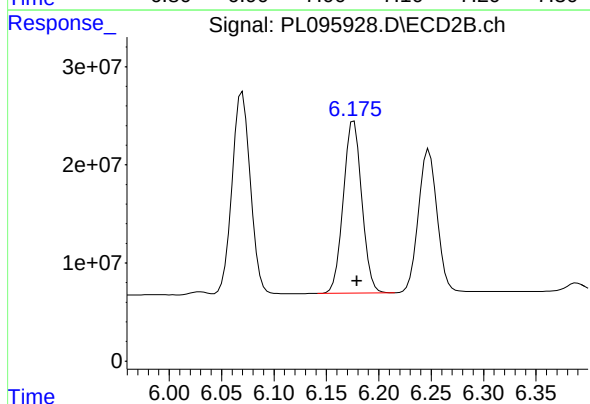
#17 4,4'-DDT

R.T.: 7.047 min
Delta R.T.: -0.007 min
Response: 121250486
Conc: 44.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

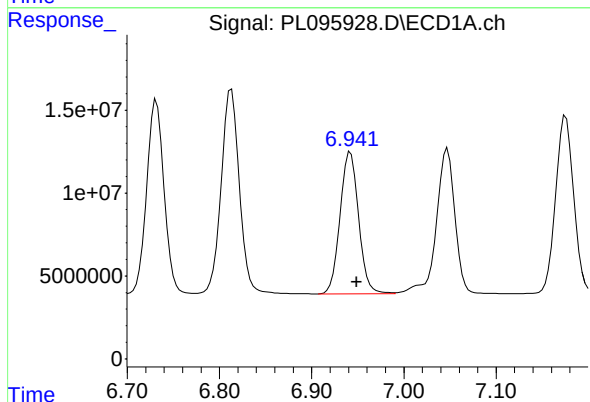
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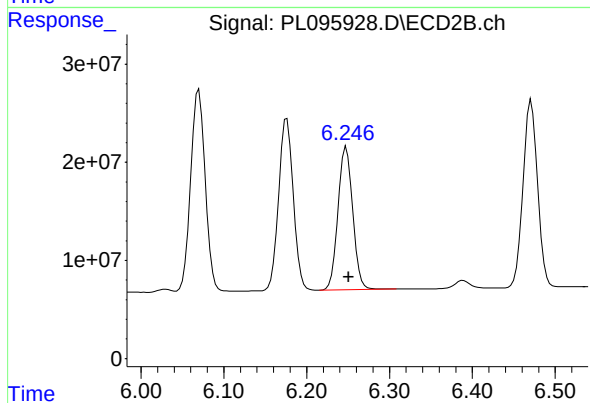
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.003 min
Response: 216064351
Conc: 45.18 ng/ml



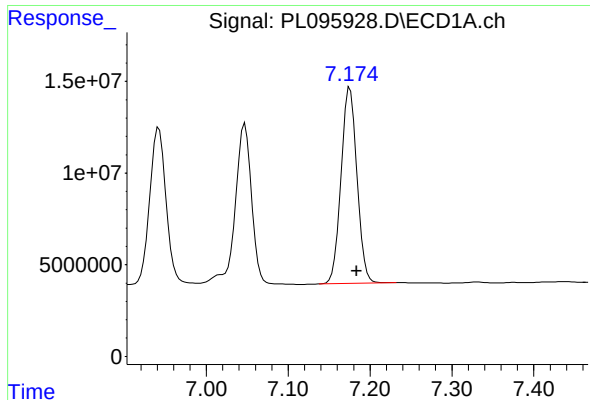
#18 Endrin aldehyde

R.T.: 6.942 min
Delta R.T.: -0.007 min
Response: 119205645
Conc: 49.31 ng/ml



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.003 min
Response: 179964435
Conc: 52.10 ng/ml



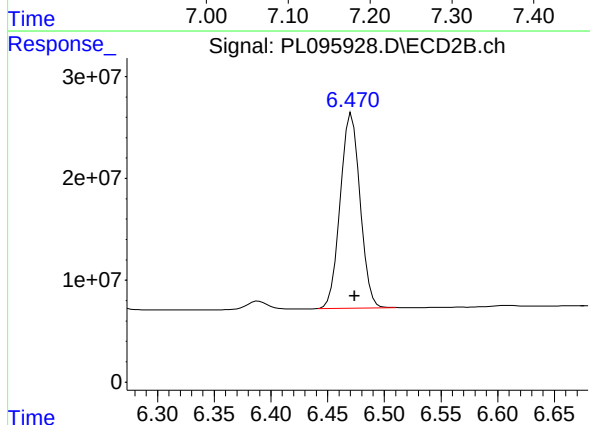
#19 Endosulfan Sulfate

R.T.: 7.175 min
Delta R.T.: -0.008 min
Response: 144981160
Conc: 48.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

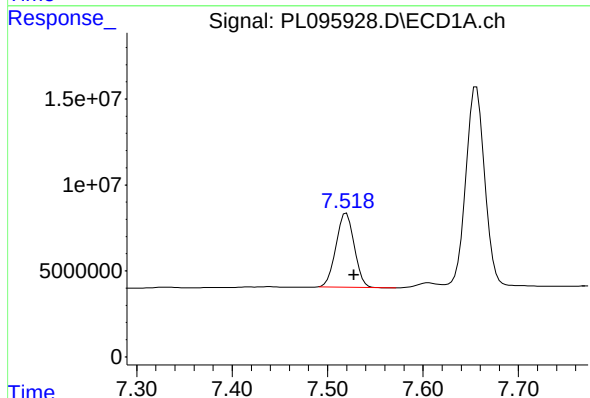
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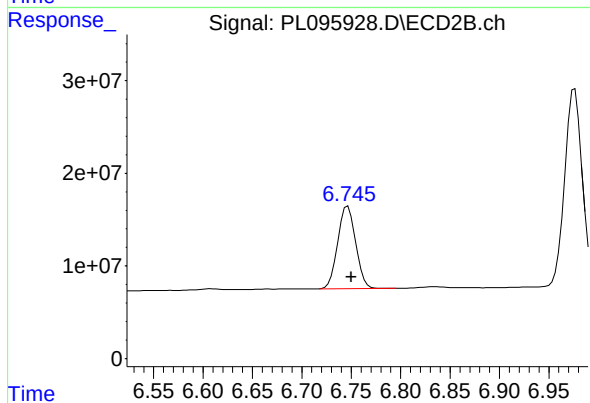
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 232491951
Conc: 51.73 ng/ml



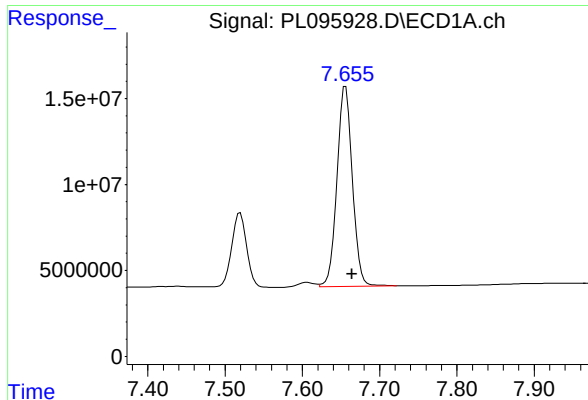
#20 Methoxychlor

R.T.: 7.520 min
Delta R.T.: -0.008 min
Response: 57005094
Conc: 44.70 ng/ml



#20 Methoxychlor

R.T.: 6.747 min
Delta R.T.: -0.004 min
Response: 112661347
Conc: 43.06 ng/ml



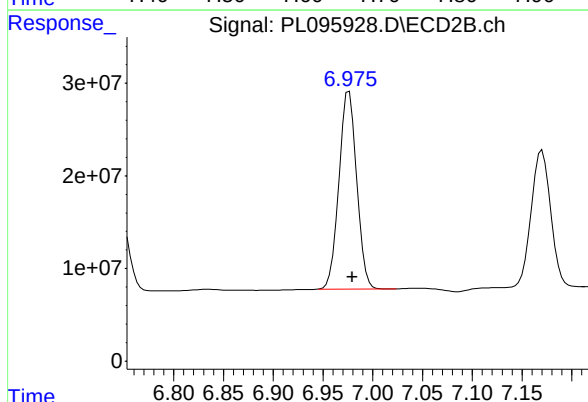
#21 Endrin ketone

R.T.: 7.656 min
Delta R.T.: -0.008 min
Response: 161035418
Conc: 50.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

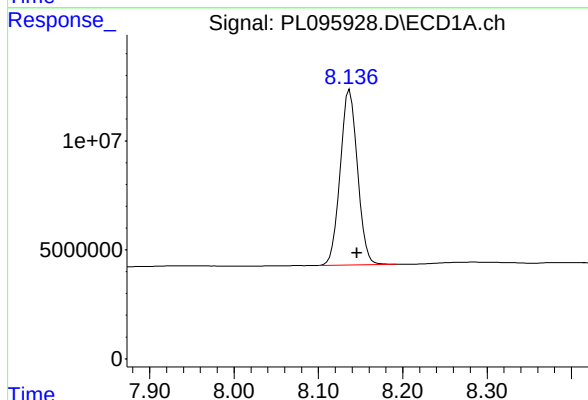
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/05/2025
Supervised By :mohammad ahmed 06/06/2025



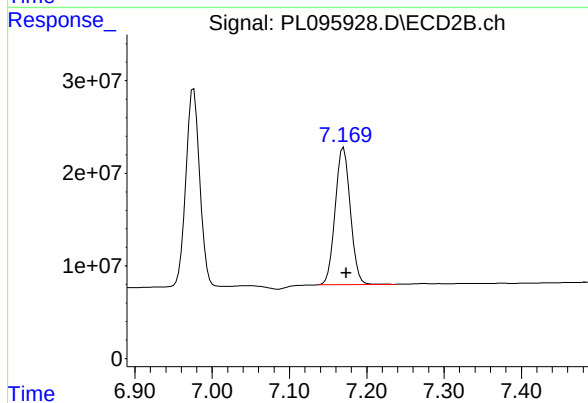
#21 Endrin ketone

R.T.: 6.976 min
Delta R.T.: -0.003 min
Response: 265327631
Conc: 51.28 ng/ml



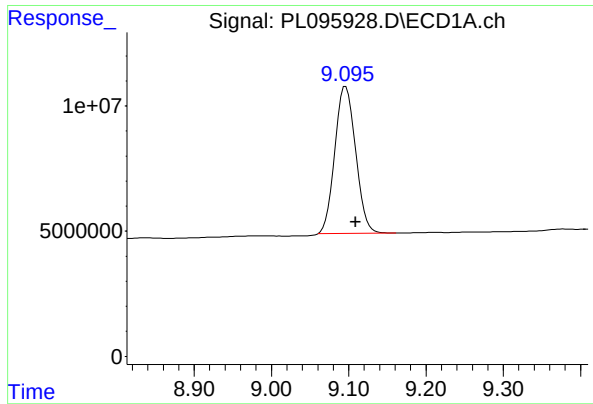
#22 Mirex

R.T.: 8.137 min
Delta R.T.: -0.008 min
Response: 114326791
Conc: 49.41 ng/ml



#22 Mirex

R.T.: 7.170 min
Delta R.T.: -0.003 min
Response: 201998880
Conc: 49.75 ng/ml



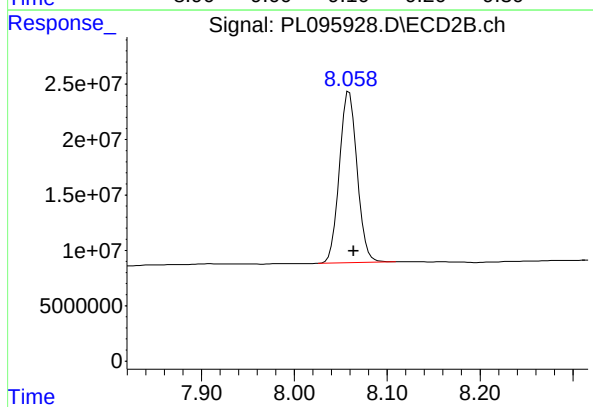
#28 Decachlorobiphenyl

R.T.: 9.096 min
Delta R.T.: -0.013 min
Response: 109900674
Conc: 46.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.059 min
Delta R.T.: -0.005 min
Response: 205580638
Conc: 47.00 ng/ml