

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050825\
 Data File : PL095581.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 May 2025 09:49
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/09/2025
 Supervised By :mohammad ahmed 05/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 09 02:04:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 16:23:18 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...	3.593	2.911	145.0E6	168.8E6	44.413	53.076
28)	SA Decachlor...	9.117	8.089	121.1E6	141.4E6	43.716	47.779
Target Compounds							
2)	A alpha-BHC	4.044	3.420	217.9E6	258.2E6	43.980	58.043 #
3)	MA gamma-BHC...	4.374	3.754	208.5E6	244.6E6	44.042m	55.605 #
4)	MA Heptachlor	4.973	4.108	202.3E6	234.0E6	44.215	53.708
5)	MB Aldrin	5.315	4.393	215.6E6	232.9E6	46.950	56.577
6)	B beta-BHC	4.561	4.048	92625081	109.3E6	44.800	52.666
7)	B delta-BHC	4.808	4.284	204.4E6	247.8E6	43.944m	56.559 #
8)	B Heptachlo...	5.736	4.895	196.5E6	211.0E6	49.061	54.623
9)	A Endosulfan I	6.119	5.269	182.8E6	201.8E6	48.141	55.141
10)	B gamma-Chl...	5.990	5.148	199.7E6	219.2E6	48.956	54.091
11)	B alpha-Chl...	6.071	5.213	195.2E6	214.6E6	47.998	53.894
12)	B 4,4'-DDE	6.239	5.398	190.8E6	218.2E6	48.677	53.640
13)	MA Dieldrin	6.392	5.534	179.9E6	226.0E6	46.674	55.565
14)	MA Endrin	6.620	5.809	147.2E6	196.6E6	46.216	54.002
15)	B Endosulfa...	6.831	6.099	159.1E6	195.8E6	49.846	54.521
16)	A 4,4'-DDD	6.749	5.950	142.3E6	186.5E6	50.261	57.080
17)	MA 4,4'-DDT	7.064	6.204	133.3E6	186.9E6	46.799	54.380
18)	B Endrin al...	6.960	6.277	110.5E6	140.2E6	47.608	53.650
19)	B Endosulfa...	7.194	6.500	132.8E6	177.0E6	47.382	53.344
20)	A Methoxychlor	7.536	6.774	62491380	98105332	44.792	51.433
21)	B Endrin ke...	7.675	7.006	134.0E6	208.1E6	47.013	59.085 #
22)	Mirex	8.157	7.200	110.4E6	150.6E6	46.485	52.234m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050825\
Data File : PL095581.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 May 2025 09:49
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

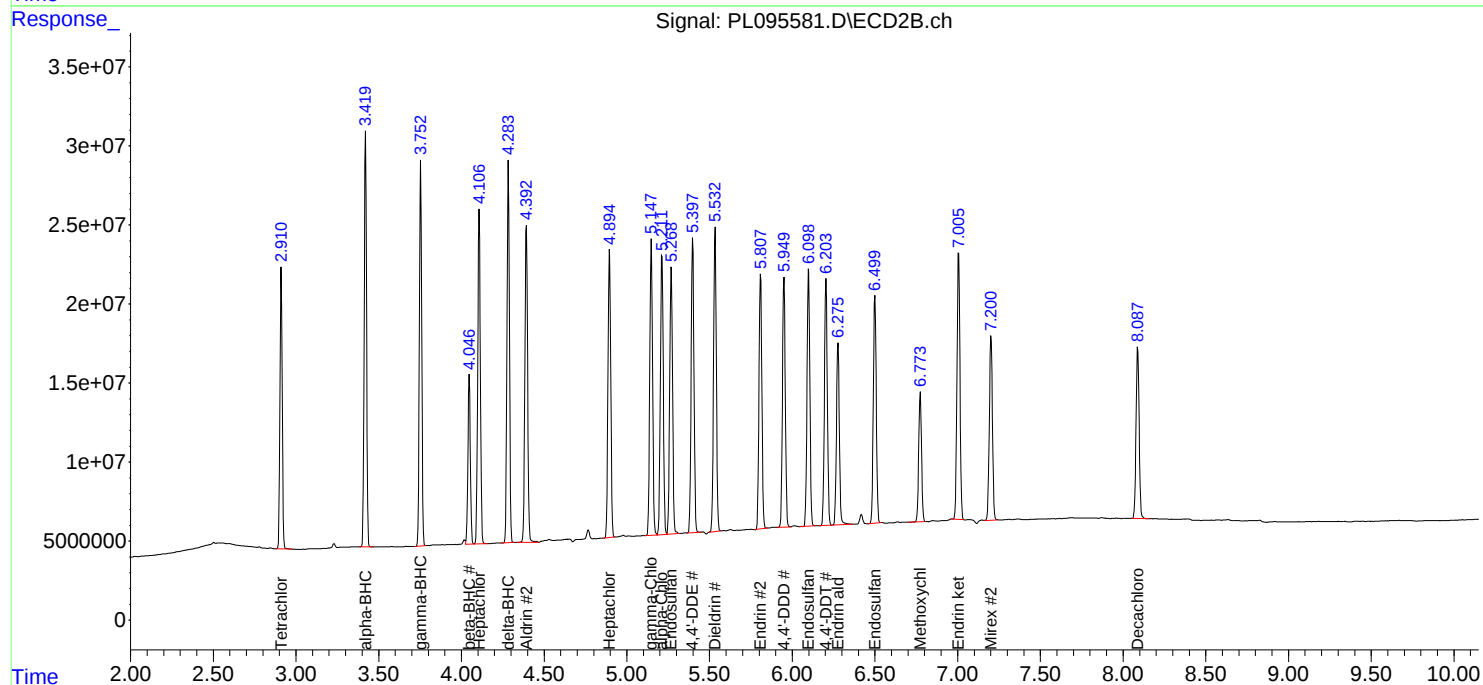
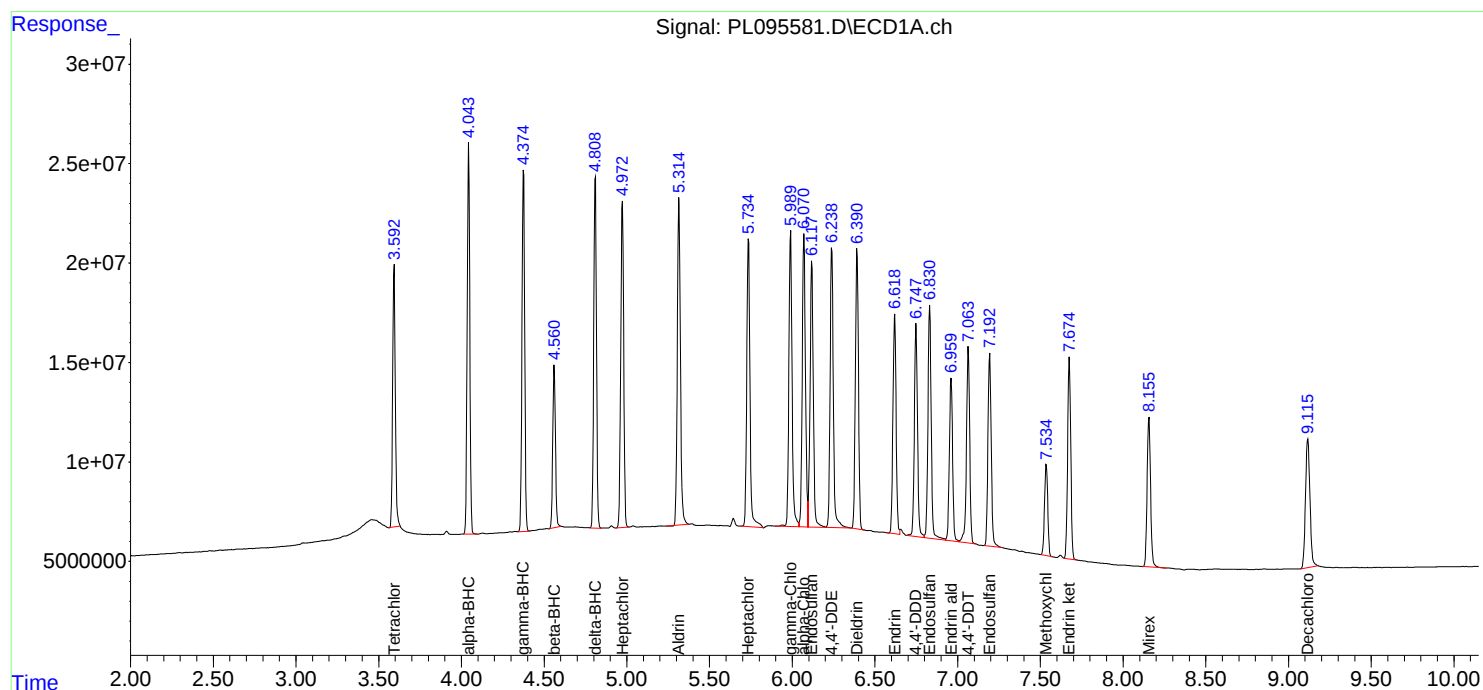
APPROVED

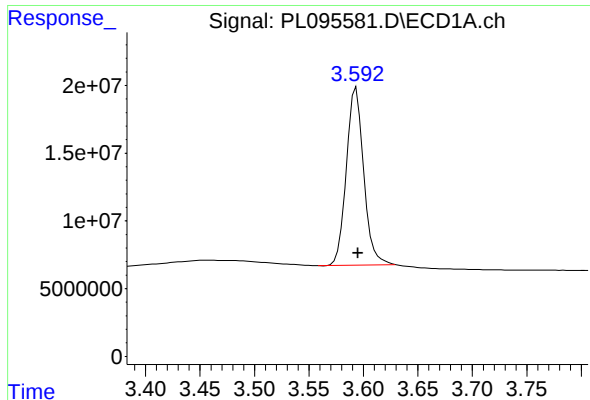
Reviewed By :Abdul Mirza 05/09/2025

Supervised By :mohammad ahmed 05/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 09 02:04:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
Quant Title : GC Extractables
QLast Update : Wed Apr 23 16:23:18 2025
Response via : Initial Calibration
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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





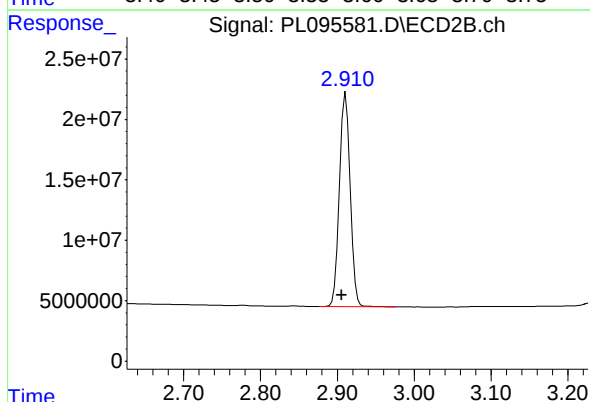
#1 Tetrachloro-m-xylene

R.T.: 3.593 min
Delta R.T.: -0.002 min
Response: 144994725
Conc: 44.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

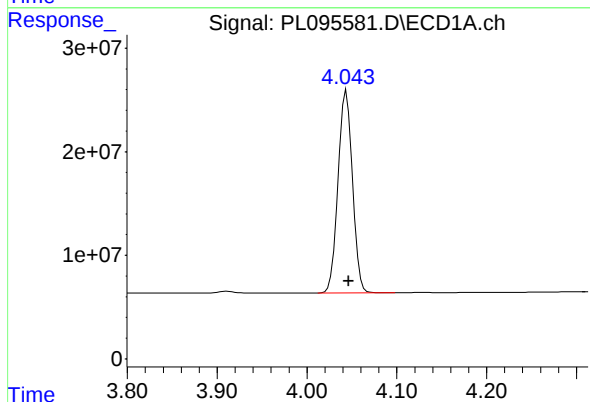
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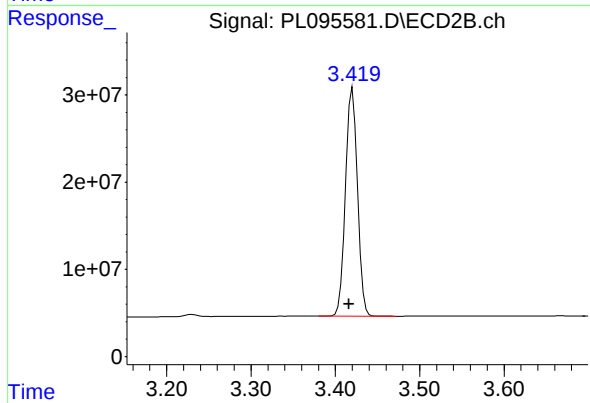
#1 Tetrachloro-m-xylene

R.T.: 2.911 min
Delta R.T.: 0.005 min
Response: 168767057
Conc: 53.08 ng/ml



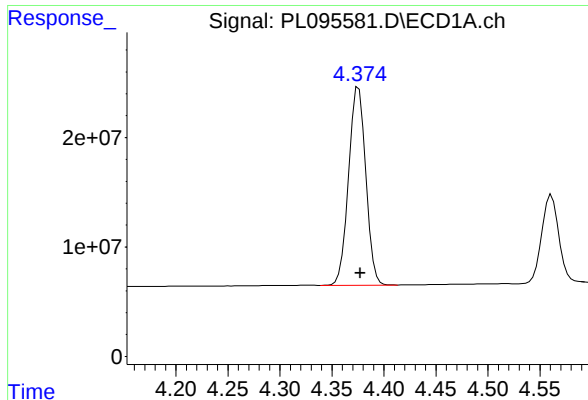
#2 alpha-BHC

R.T.: 4.044 min
Delta R.T.: -0.002 min
Response: 217866629
Conc: 43.98 ng/ml



#2 alpha-BHC

R.T.: 3.420 min
Delta R.T.: 0.004 min
Response: 258215523
Conc: 58.04 ng/ml



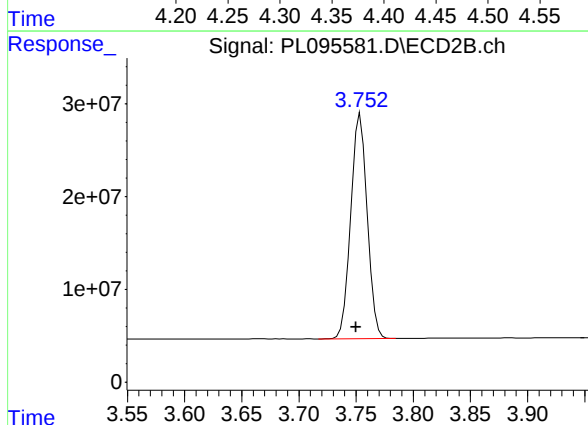
#3 gamma-BHC (Lindane)

R.T.: 4.374 min
Delta R.T.: -0.003 min
Response: 208495606
Conc: 44.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

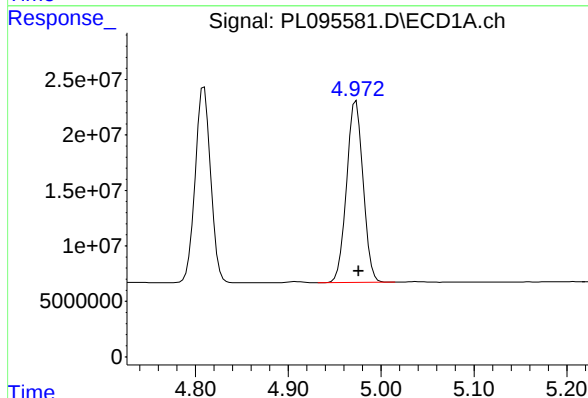
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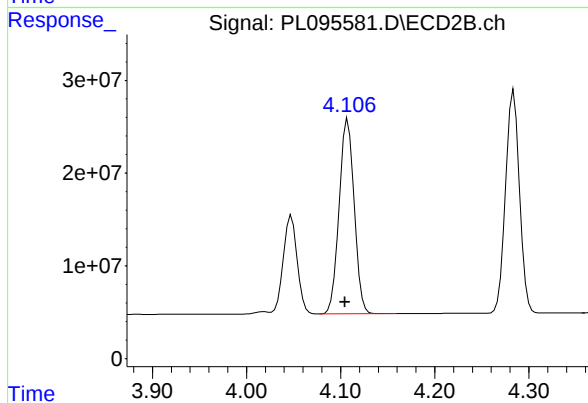
#3 gamma-BHC (Lindane)

R.T.: 3.754 min
Delta R.T.: 0.004 min
Response: 244563646
Conc: 55.61 ng/ml



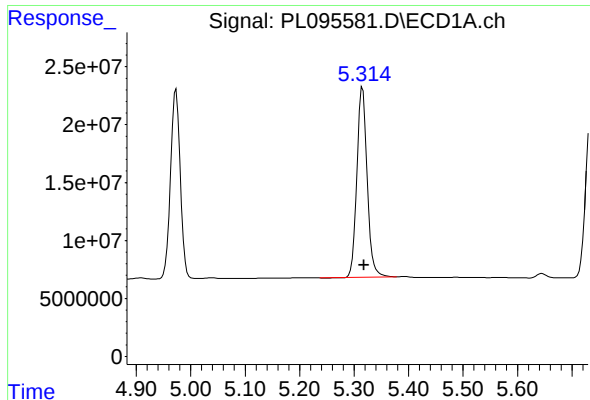
#4 Heptachlor

R.T.: 4.973 min
Delta R.T.: -0.003 min
Response: 202259901
Conc: 44.21 ng/ml



#4 Heptachlor

R.T.: 4.108 min
Delta R.T.: 0.003 min
Response: 233989794
Conc: 53.71 ng/ml



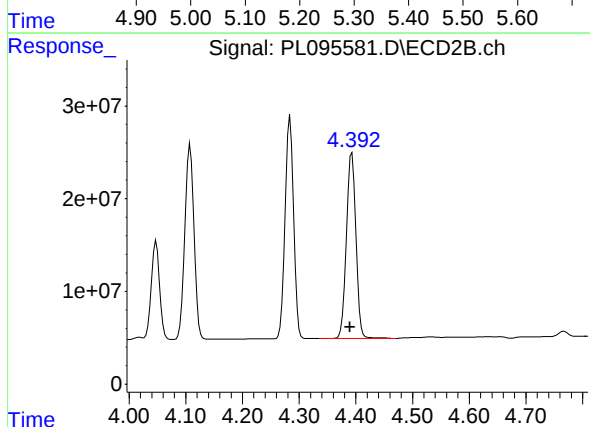
#5 Aldrin

R.T.: 5.315 min
Delta R.T.: -0.003 min
Response: 215643902
Conc: 46.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

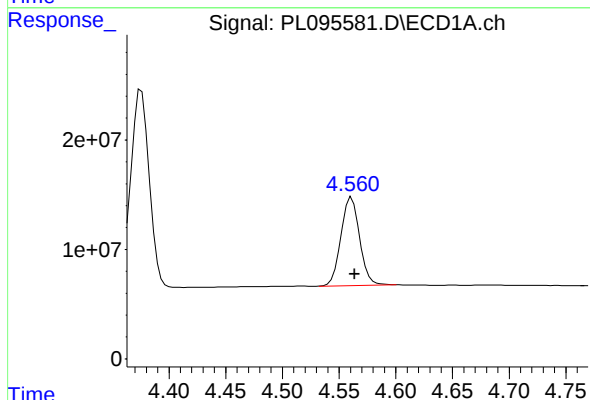
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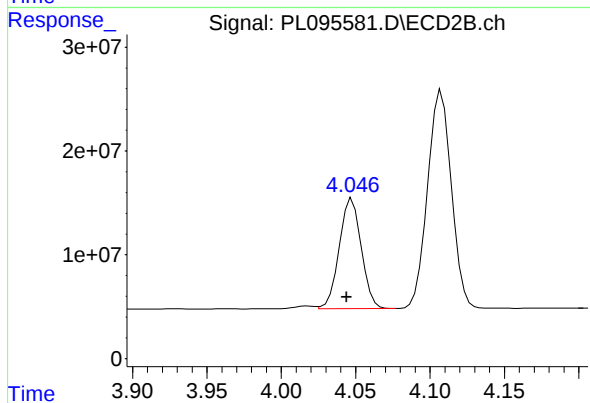
#5 Aldrin

R.T.: 4.393 min
Delta R.T.: 0.003 min
Response: 232852660
Conc: 56.58 ng/ml



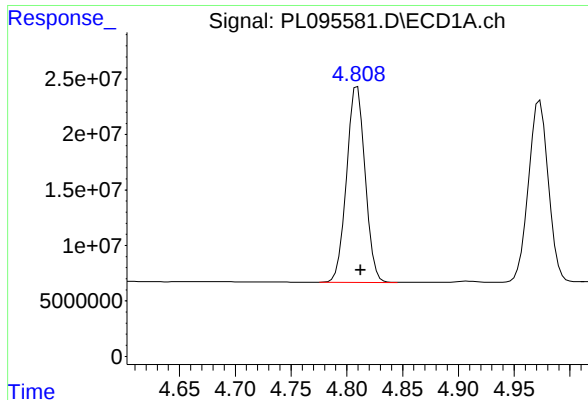
#6 beta-BHC

R.T.: 4.561 min
Delta R.T.: -0.003 min
Response: 92625081
Conc: 44.80 ng/ml



#6 beta-BHC

R.T.: 4.048 min
Delta R.T.: 0.004 min
Response: 109327239
Conc: 52.67 ng/ml



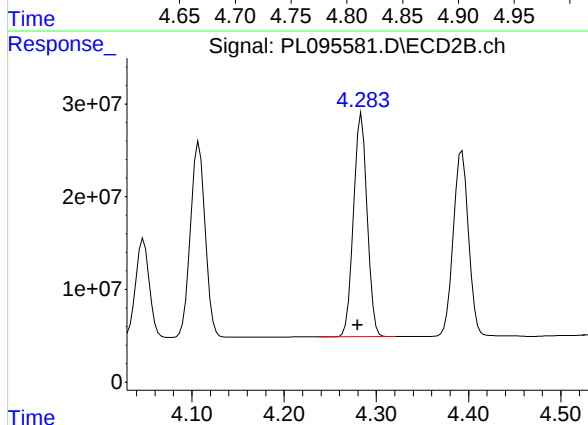
#7 delta-BHC

R.T.: 4.808 min
Delta R.T.: -0.004 min
Response: 204371619
Conc: 43.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

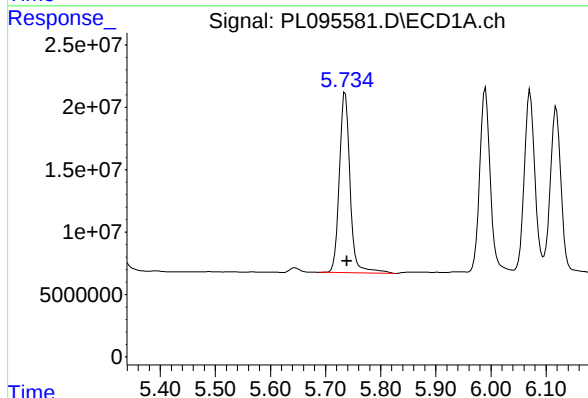
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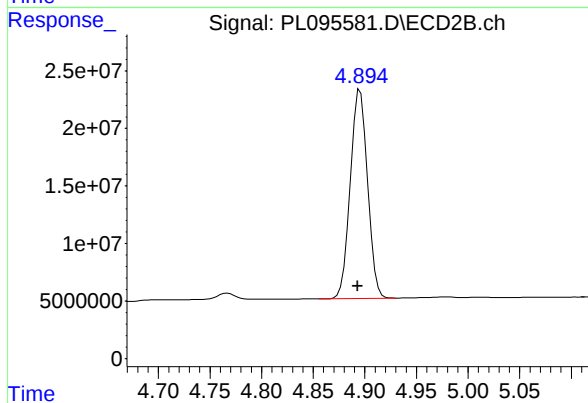
#7 delta-BHC

R.T.: 4.284 min
Delta R.T.: 0.004 min
Response: 247837357
Conc: 56.56 ng/ml



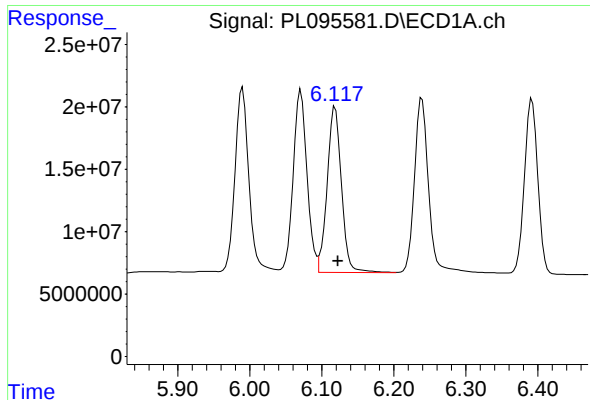
#8 Heptachlor epoxide

R.T.: 5.736 min
Delta R.T.: -0.003 min
Response: 196495709
Conc: 49.06 ng/ml



#8 Heptachlor epoxide

R.T.: 4.895 min
Delta R.T.: 0.002 min
Response: 210988821
Conc: 54.62 ng/ml



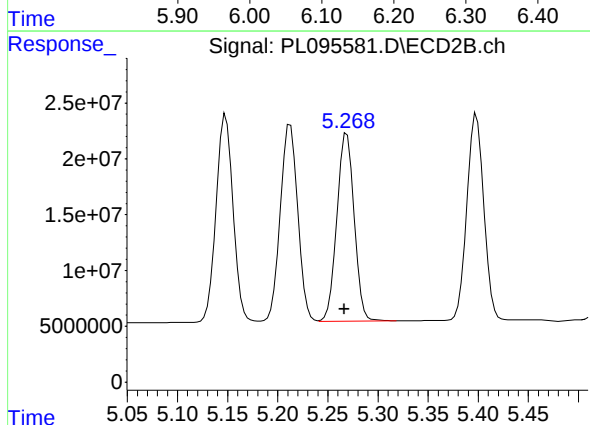
#9 Endosulfan I

R.T.: 6.119 min
Delta R.T.: -0.004 min
Response: 182817682
Conc: 48.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

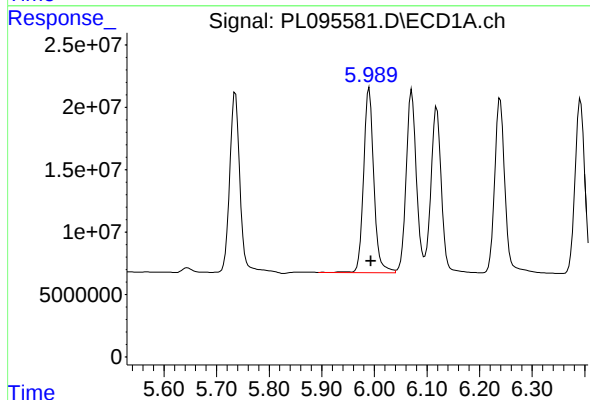
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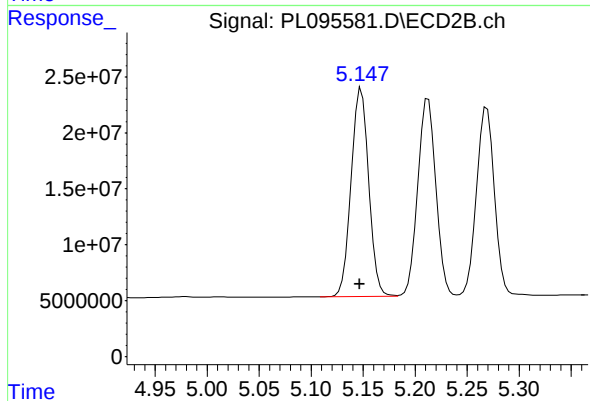
#9 Endosulfan I

R.T.: 5.269 min
Delta R.T.: 0.002 min
Response: 201839844
Conc: 55.14 ng/ml



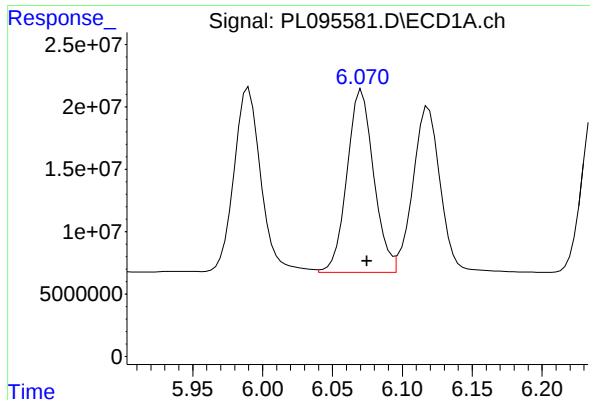
#10 gamma-Chlordane

R.T.: 5.990 min
Delta R.T.: -0.003 min
Response: 199710596
Conc: 48.96 ng/ml



#10 gamma-Chlordane

R.T.: 5.148 min
Delta R.T.: 0.002 min
Response: 219213827
Conc: 54.09 ng/ml



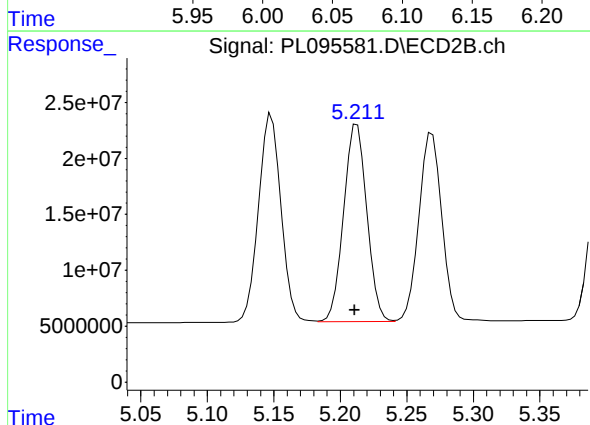
#11 alpha-Chlordane

R.T.: 6.071 min
Delta R.T.: -0.004 min
Response: 195165061
Conc: 48.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

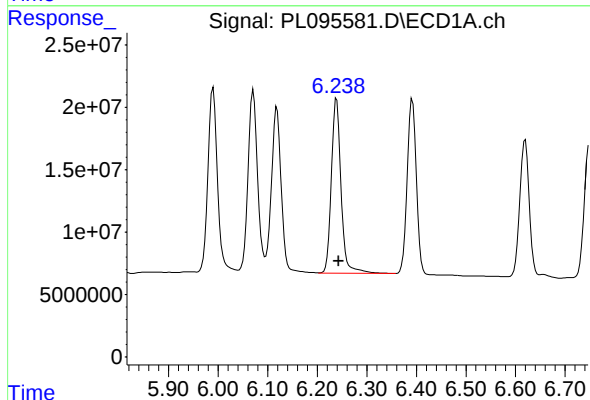
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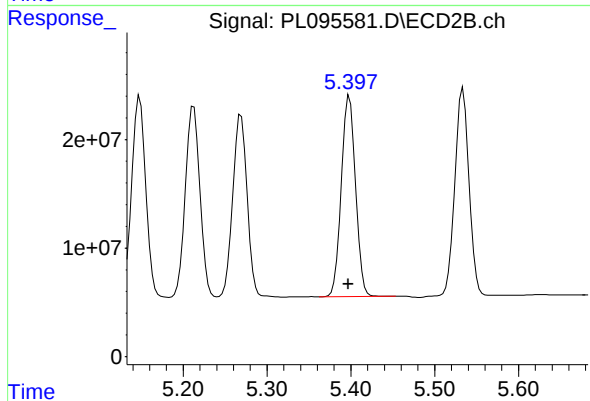
#11 alpha-Chlordane

R.T.: 5.213 min
Delta R.T.: 0.002 min
Response: 214554423
Conc: 53.89 ng/ml



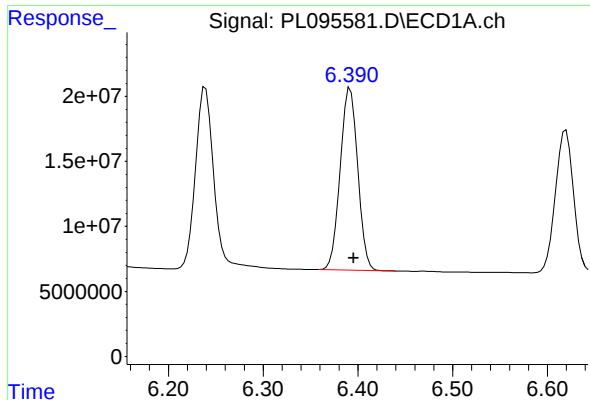
#12 4,4'-DDE

R.T.: 6.239 min
Delta R.T.: -0.004 min
Response: 190841673
Conc: 48.68 ng/ml



#12 4,4'-DDE

R.T.: 5.398 min
Delta R.T.: 0.001 min
Response: 218152109
Conc: 53.64 ng/ml



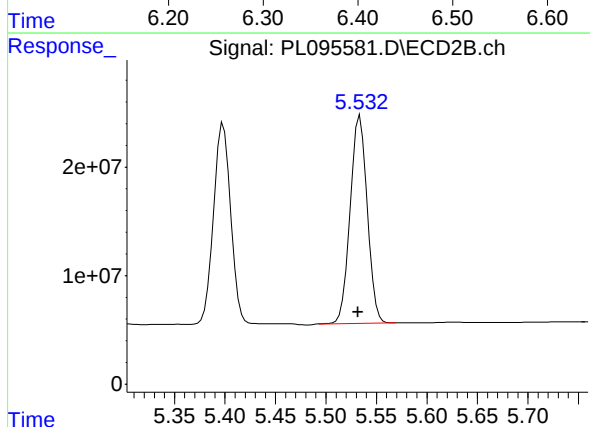
#13 Dieldrin

R.T.: 6.392 min
Delta R.T.: -0.004 min
Response: 179920559
Conc: 46.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

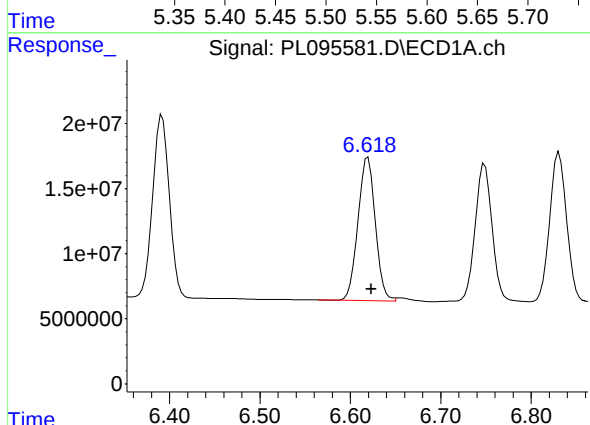
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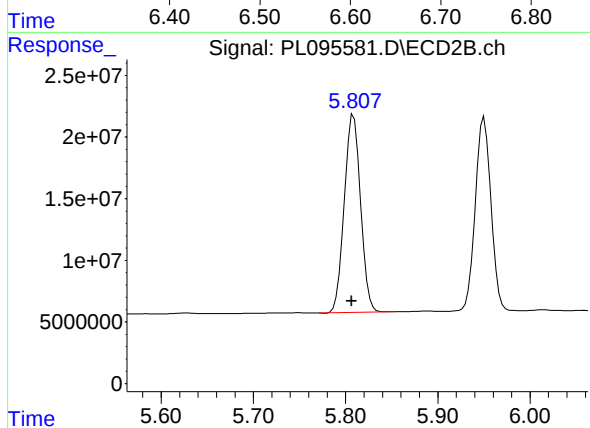
#13 Dieldrin

R.T.: 5.534 min
Delta R.T.: 0.002 min
Response: 225987737
Conc: 55.57 ng/ml



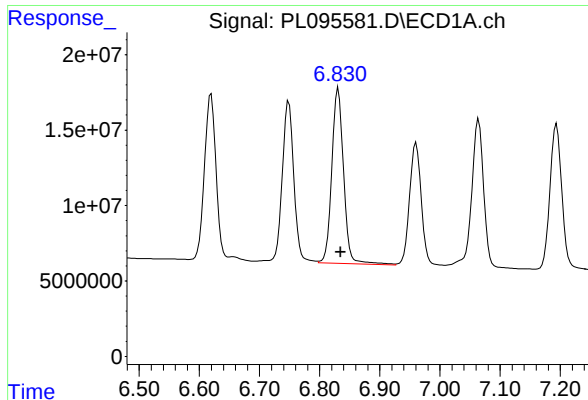
#14 Endrin

R.T.: 6.620 min
Delta R.T.: -0.004 min
Response: 147187048
Conc: 46.22 ng/ml



#14 Endrin

R.T.: 5.809 min
Delta R.T.: 0.002 min
Response: 196605826
Conc: 54.00 ng/ml



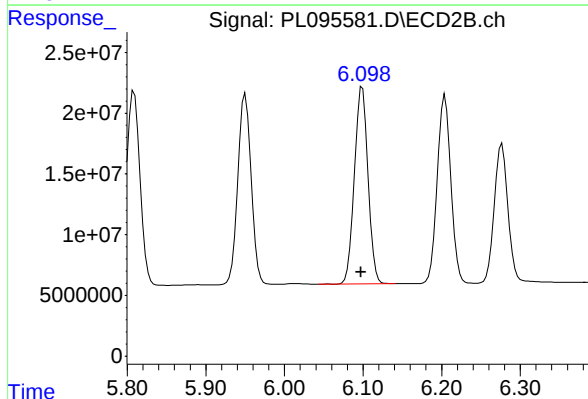
#15 Endosulfan II

R.T.: 6.831 min
Delta R.T.: -0.004 min
Response: 159115261
Conc: 49.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

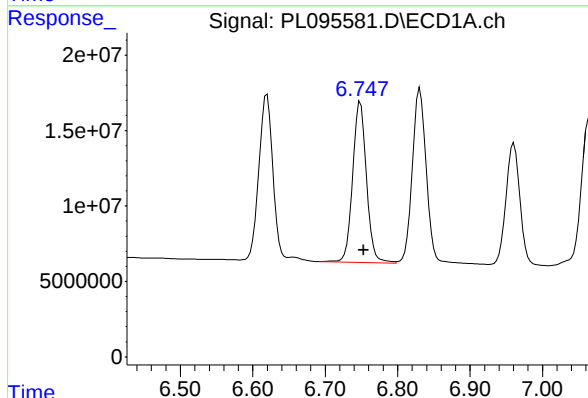
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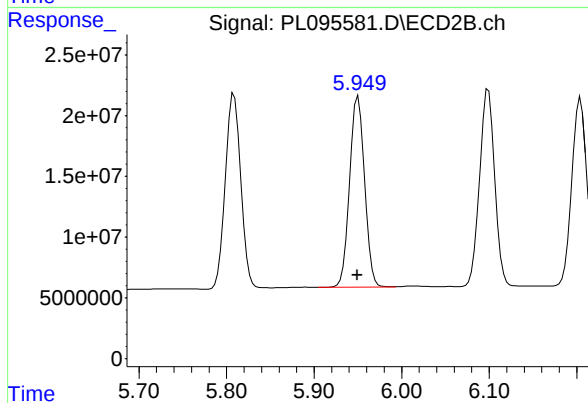
#15 Endosulfan II

R.T.: 6.099 min
Delta R.T.: 0.002 min
Response: 195791073
Conc: 54.52 ng/ml



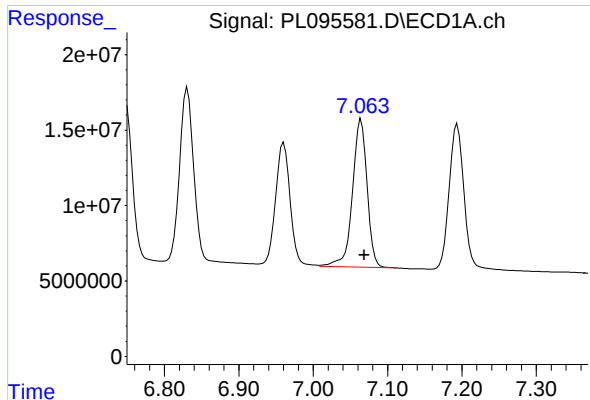
#16 4,4'-DDD

R.T.: 6.749 min
Delta R.T.: -0.004 min
Response: 142285622
Conc: 50.26 ng/ml



#16 4,4'-DDD

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 186469570
Conc: 57.08 ng/ml



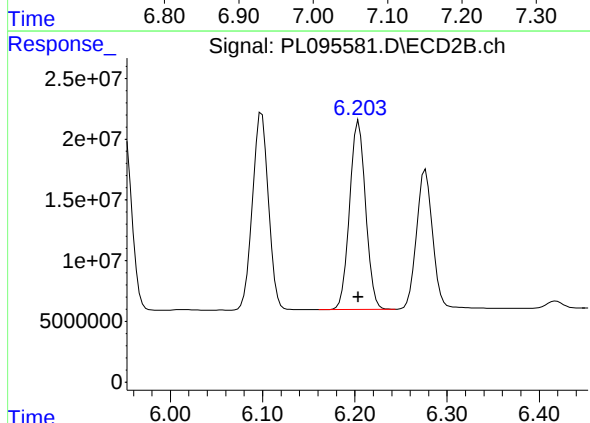
#17 4,4'-DDT

R.T.: 7.064 min
Delta R.T.: -0.004 min
Response: 133310725
Conc: 46.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

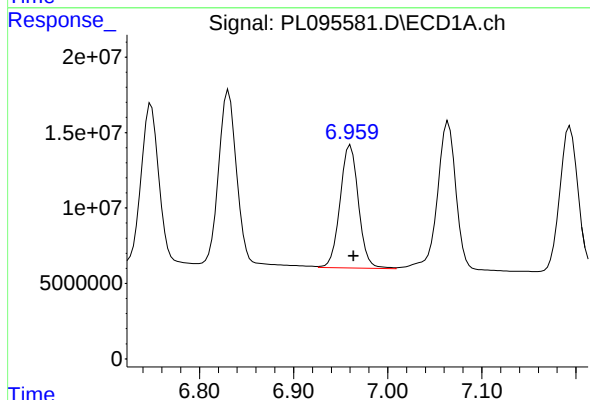
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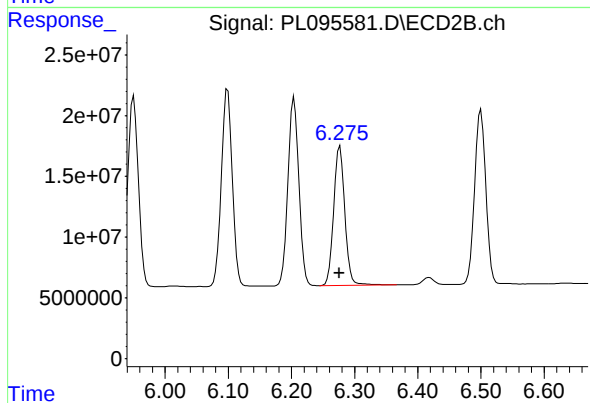
#17 4,4'-DDT

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 186859234
Conc: 54.38 ng/ml



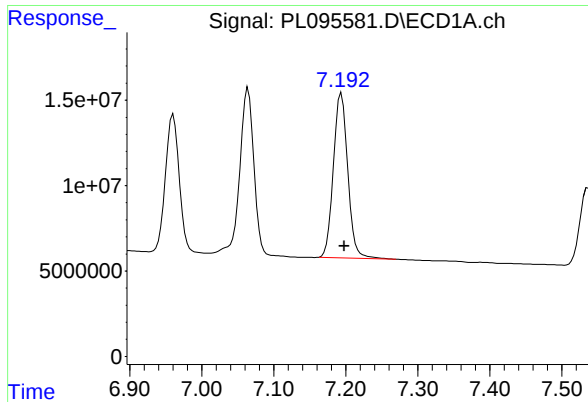
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: -0.003 min
Response: 110488465
Conc: 47.61 ng/ml



#18 Endrin aldehyde

R.T.: 6.277 min
Delta R.T.: 0.001 min
Response: 140195393
Conc: 53.65 ng/ml



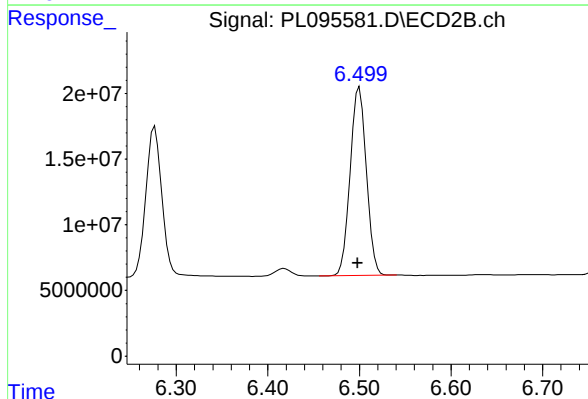
#19 Endosulfan Sulfate

R.T.: 7.194 min
Delta R.T.: -0.004 min
Response: 132755559
Conc: 47.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

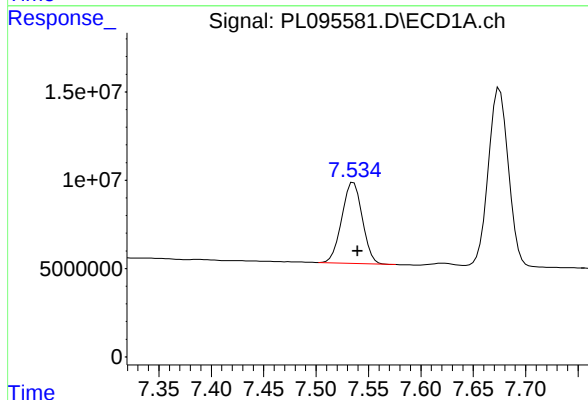
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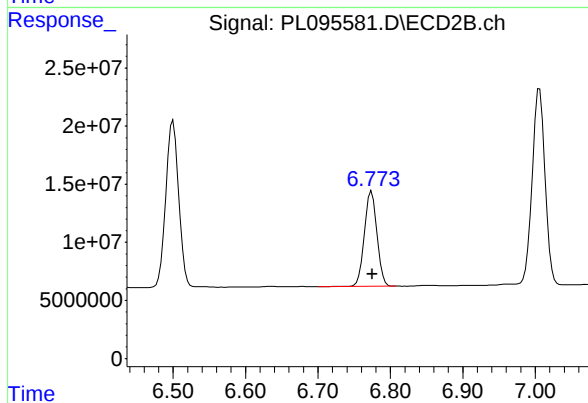
#19 Endosulfan Sulfate

R.T.: 6.500 min
Delta R.T.: 0.002 min
Response: 176990524
Conc: 53.34 ng/ml



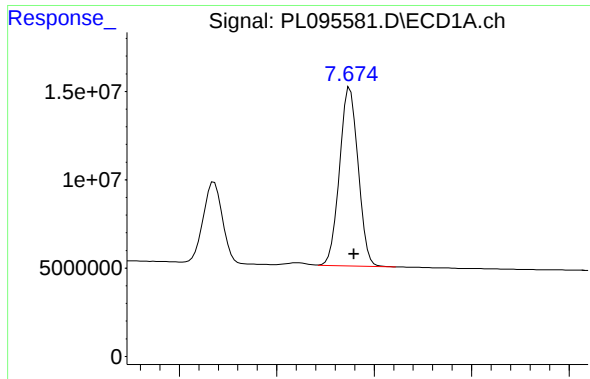
#20 Methoxychlor

R.T.: 7.536 min
Delta R.T.: -0.004 min
Response: 62491380
Conc: 44.79 ng/ml



#20 Methoxychlor

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 98105332
Conc: 51.43 ng/ml



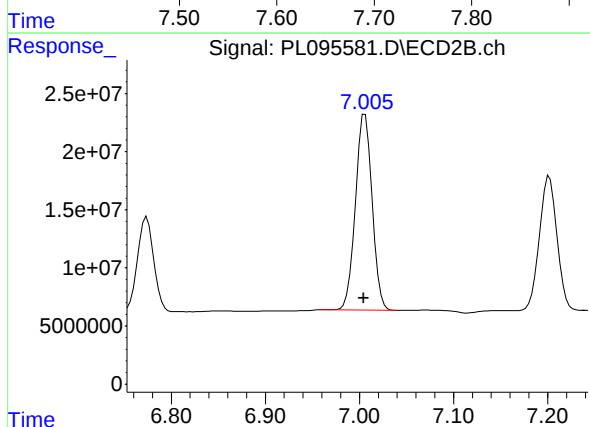
#21 Endrin ketone

R.T.: 7.675 min
Delta R.T.: -0.004 min
Response: 134027850
Conc: 47.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

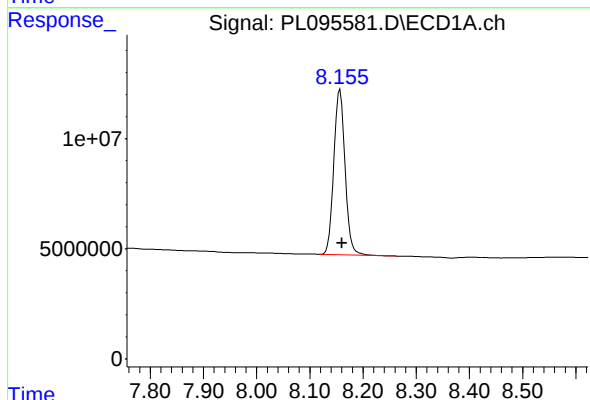
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/09/2025
Supervised By :mohammad ahmed 05/12/2025



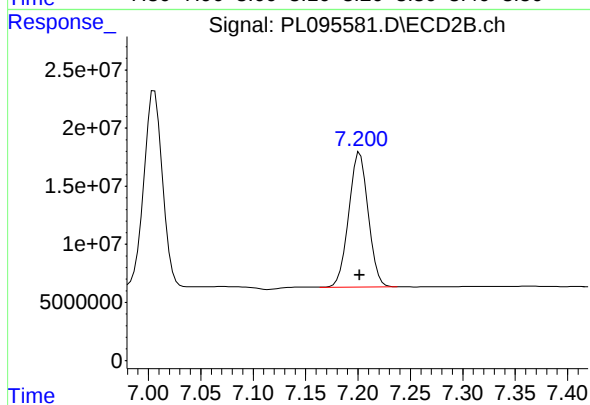
#21 Endrin ketone

R.T.: 7.006 min
Delta R.T.: 0.001 min
Response: 208054706
Conc: 59.08 ng/ml



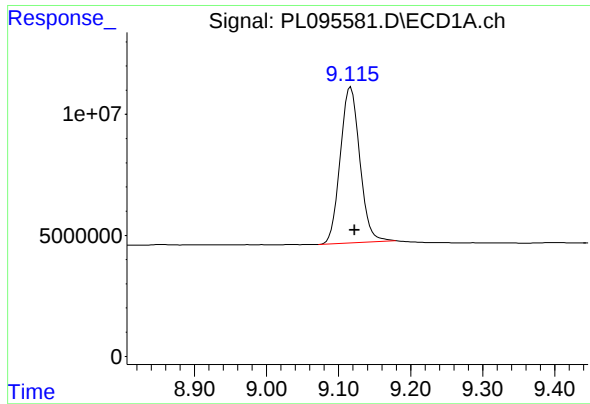
#22 Mirex

R.T.: 8.157 min
Delta R.T.: -0.004 min
Response: 110449293
Conc: 46.48 ng/ml



#22 Mirex

R.T.: 7.200 min
Delta R.T.: -0.001 min
Response: 150560571
Conc: 52.23 ng/ml m



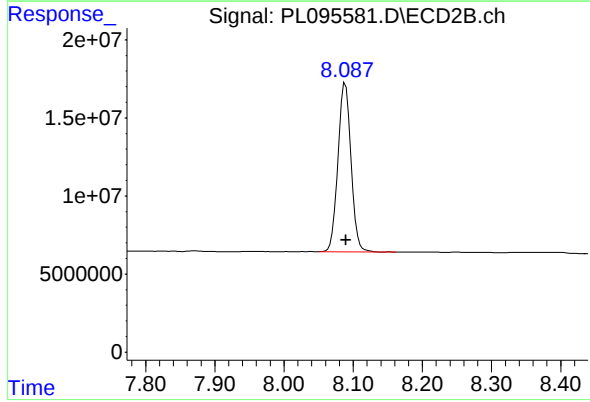
#28 Decachlorobiphenyl

R.T.: 9.117 min
Delta R.T.: -0.005 min
Response: 121128387
Conc: 43.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/09/2025
Supervised By :mohammad ahmed 05/12/2025



#28 Decachlorobiphenyl

R.T.: 8.089 min
Delta R.T.: 0.000 min
Response: 141389763
Conc: 47.78 ng/ml