

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071625\
 Data File : PL096412.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2025 18:39
 Operator : AR\AJ
 Sample : PB168867BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB168867BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/17/2025
 Supervised By :mohammad ahmed 07/19/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 01:45:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 07 15:22:07 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...	3.538	2.829	78965011	137.1E6	21.640	23.751
2)	SA Decachlor...	9.020	7.995	59724260	105.0E6	21.231	21.054
Target Compounds							
2)	A alpha-BHC	3.985	3.335	281.0E6	515.4E6	54.626	61.105
3)	MA gamma-BHC...	4.313	3.667	271.6E6	476.5E6	54.541	60.507
4)	MA Heptachlor	4.906	4.016	256.3E6	466.0E6	55.940	61.257
5)	MB Aldrin	5.246	4.299	257.0E6	439.3E6	53.177	60.217
6)	B beta-BHC	4.500	3.963	114.1E6	195.9E6	54.882	57.214
7)	B delta-BHC	4.745	4.196	254.9E6	467.9E6	56.883	60.749
8)	B Heptachlo...	5.662	4.801	278.6E6	384.9E6	67.147m	57.584
9)	A Endosulfan I	6.046	5.173	214.9E6	335.1E6	53.218m	46.709
10)	B gamma-Chl...	5.918	5.053	227.4E6	416.6E6	51.396m	59.354
11)	B alpha-Chl...	5.998	5.118	226.1E6	421.3E6	51.629m	56.019
12)	B 4,4'-DDE	6.168	5.306	191.6E6	371.9E6	51.667m	57.536
13)	MA Dieldrin	6.319	5.436	221.3E6	415.3E6	52.338	60.900m
14)	MA Endrin	6.544	5.716	178.4E6	611.0E6	57.370m	100.227 #
15)	B Endosulfa...	6.757	6.003	179.6E6	331.5E6	51.767m	56.540
16)	A 4,4'-DDD	6.677	5.859	163.4E6	303.0E6	56.127m	59.073
17)	MA 4,4'-DDT	6.991	6.110	152.9E6	310.3E6	50.375m	54.103m
18)	B Endrin al...	6.886	6.182	137.9E6	255.6E6	61.688m	57.371
19)	B Endosulfa...	7.120	6.405	160.8E6	318.6E6	52.562	56.645
20)	A Methoxychlor	7.462	6.684	168.2E6	162.6E6	106.758m	53.537 #
21)	B Endrin ke...	7.600	6.906	168.5E6	1610.4E6	51.040	257.570m#
22)	Mirex	8.080	7.100	155.6E6	237.5E6	55.914	47.813

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071625\
Data File : PL096412.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Jul 2025 18:39
Operator : AR\AJ
Sample : PB168867BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

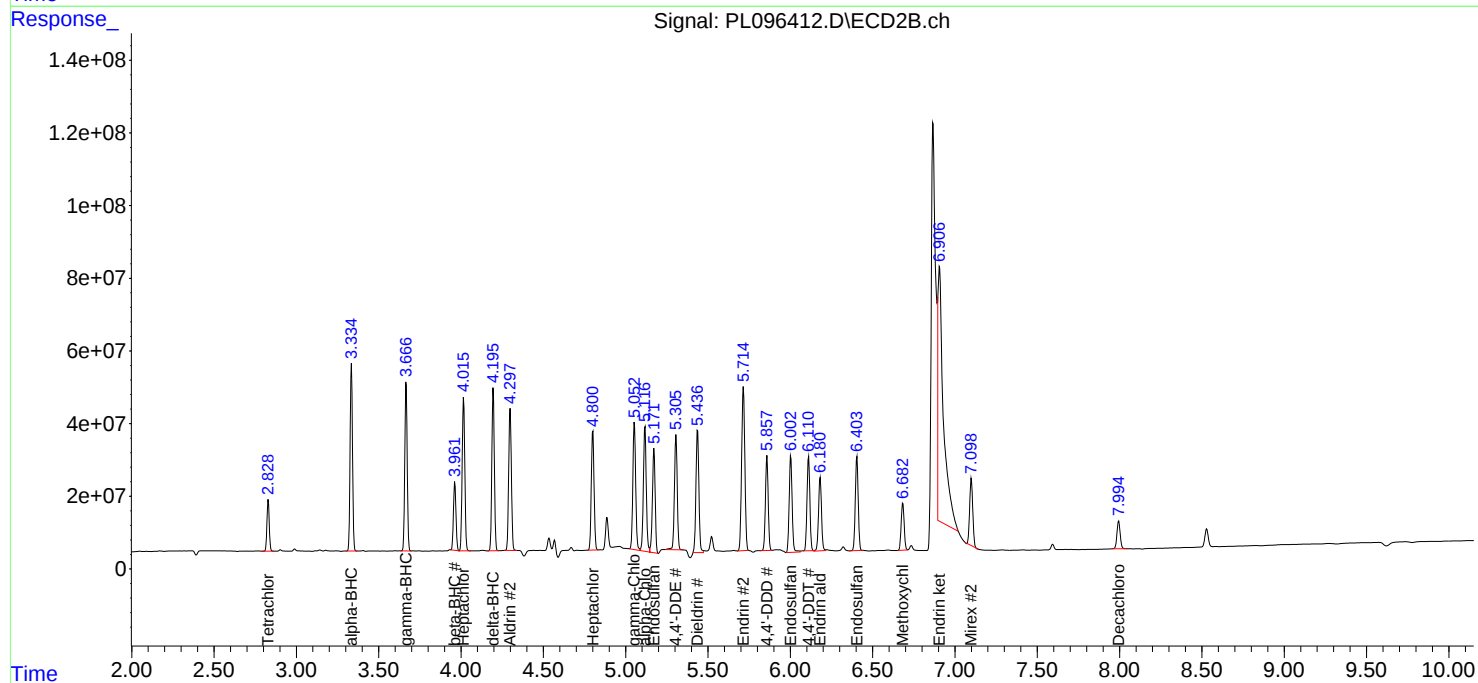
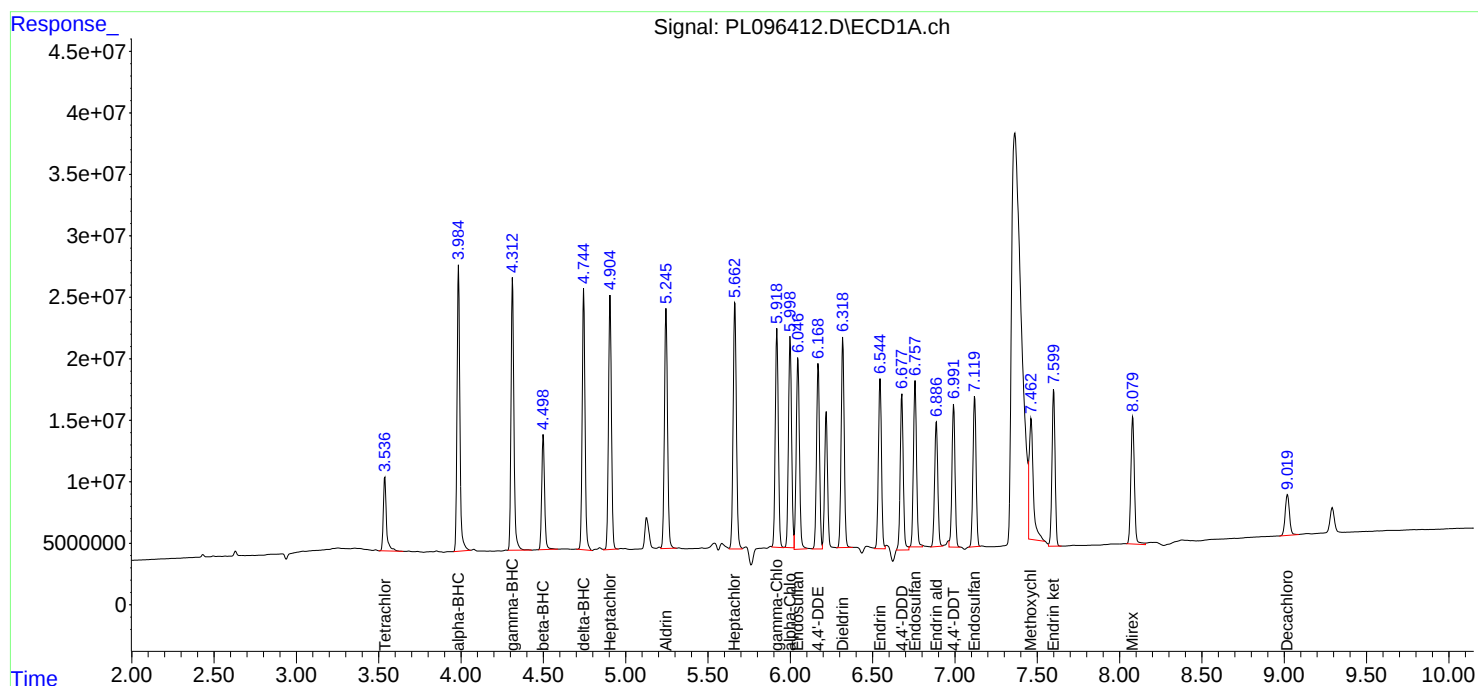
Instrument :
ECD_L
ClientSampleId :
PB168867BS

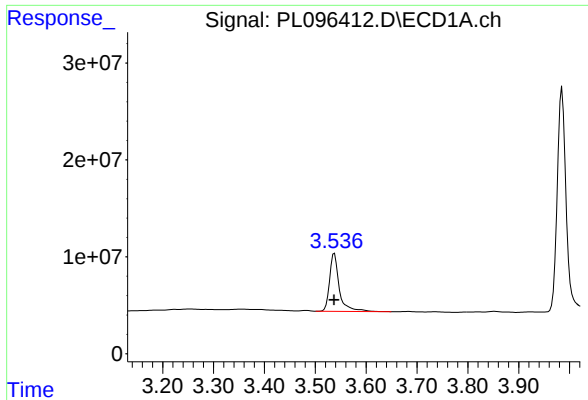
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 17 01:45:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
Quant Title : GC Extractables
QLast Update : Mon Jul 07 15:22:07 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.: 3.538 min
Delta R.T.: 0.000 min
Response: 78965011
Conc: 21.64 ng/ml

Instrument :

ECD_L

ClientSampleId :

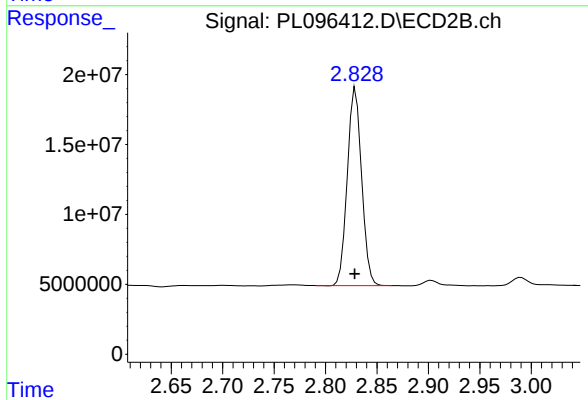
PB168867BS

Manual Integrations

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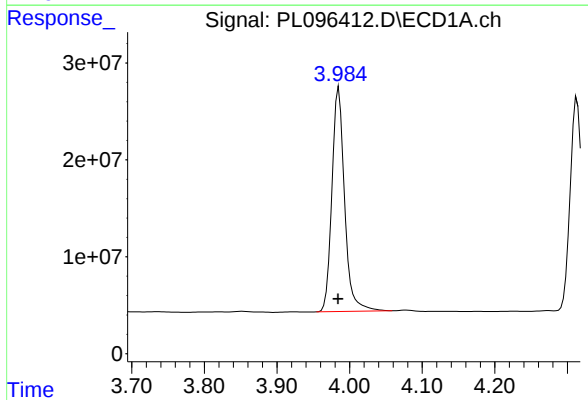
Reviewed By :Abdul Mirza 07/17/2025

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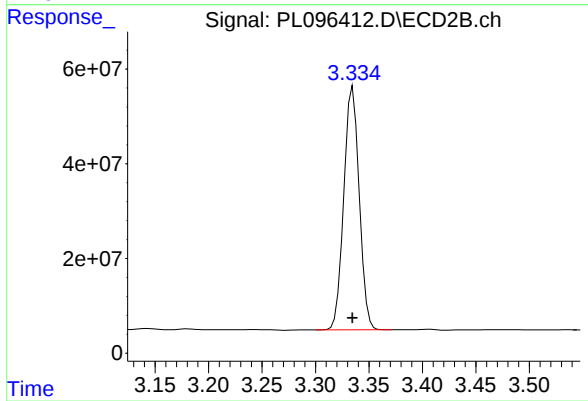
#1 Tetrachloro-m-xylene

R.T.: 2.829 min
Delta R.T.: 0.001 min
Response: 137074359
Conc: 23.75 ng/ml



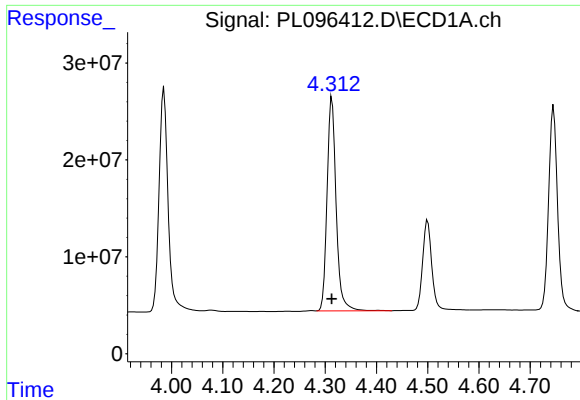
#2 alpha-BHC

R.T.: 3.985 min
Delta R.T.: 0.000 min
Response: 280951616
Conc: 54.63 ng/ml



#2 alpha-BHC

R.T.: 3.335 min
Delta R.T.: 0.000 min
Response: 515379269
Conc: 61.10 ng/ml



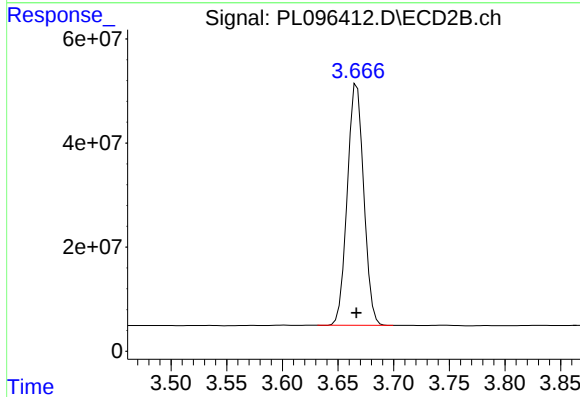
#3 gamma-BHC (Lindane)

R.T.: 4.313 min
Delta R.T.: 0.000 min
Response: 271593831
Conc: 54.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168867BS

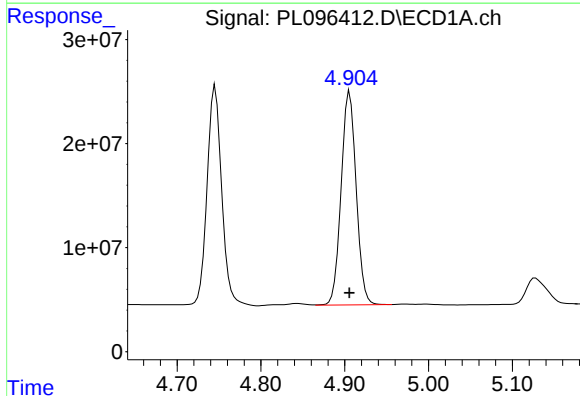
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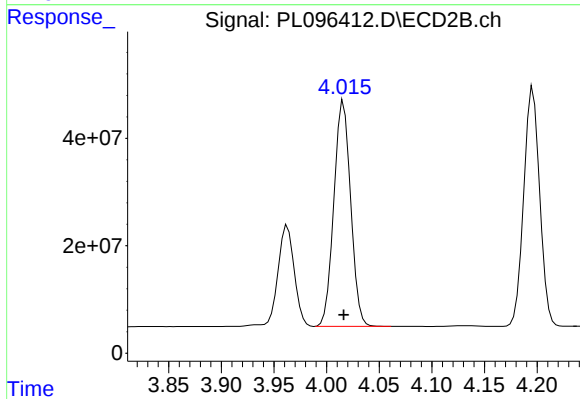
#3 gamma-BHC (Lindane)

R.T.: 3.667 min
Delta R.T.: 0.000 min
Response: 476547867
Conc: 60.51 ng/ml



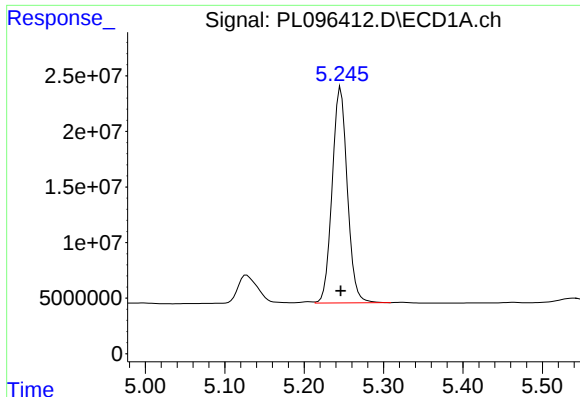
#4 Heptachlor

R.T.: 4.906 min
Delta R.T.: 0.000 min
Response: 256273702
Conc: 55.94 ng/ml



#4 Heptachlor

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 466024592
Conc: 61.26 ng/ml



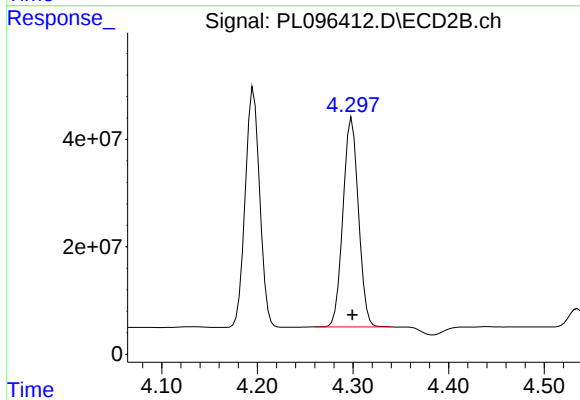
#5 Aldrin

R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 257043812
Conc: 53.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168867BS

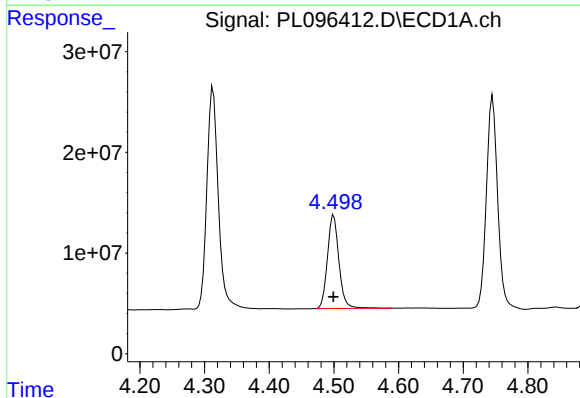
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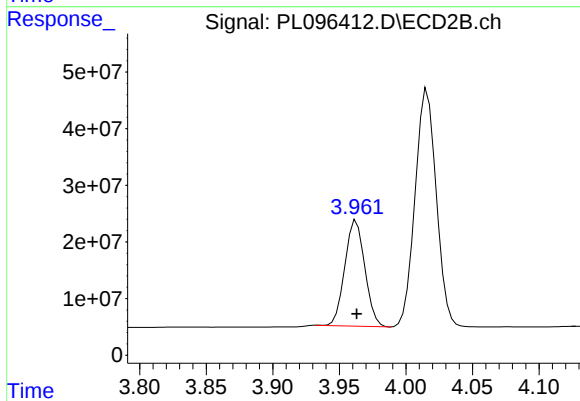
#5 Aldrin

R.T.: 4.299 min
Delta R.T.: 0.000 min
Response: 439318504
Conc: 60.22 ng/ml



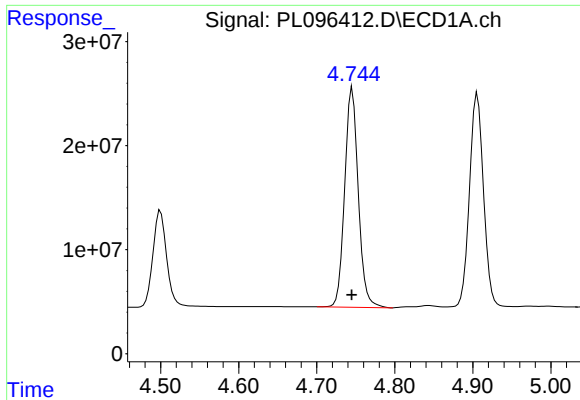
#6 beta-BHC

R.T.: 4.500 min
Delta R.T.: 0.000 min
Response: 114089167
Conc: 54.88 ng/ml



#6 beta-BHC

R.T.: 3.963 min
Delta R.T.: 0.000 min
Response: 195894045
Conc: 57.21 ng/ml



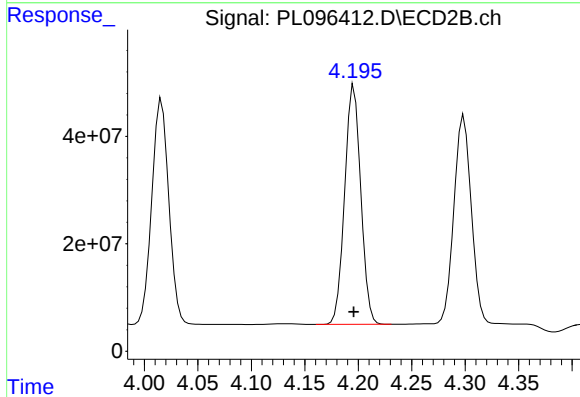
#7 delta-BHC

R.T.: 4.745 min
Delta R.T.: 0.000 min
Response: 254911867
Conc: 56.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168867BS

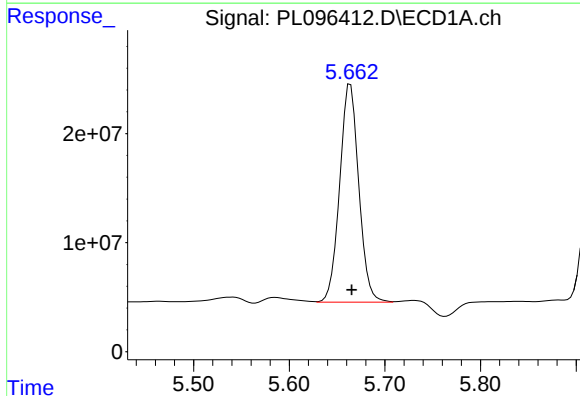
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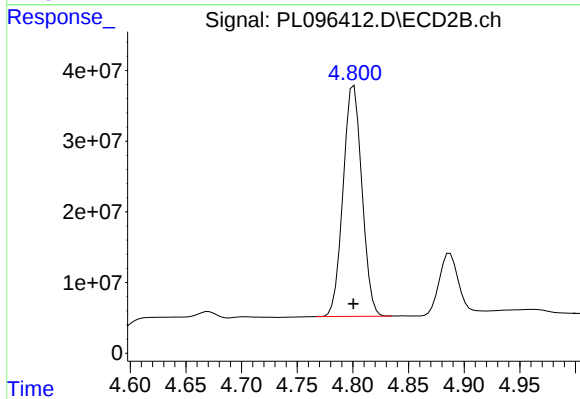
#7 delta-BHC

R.T.: 4.196 min
Delta R.T.: 0.000 min
Response: 467883910
Conc: 60.75 ng/ml



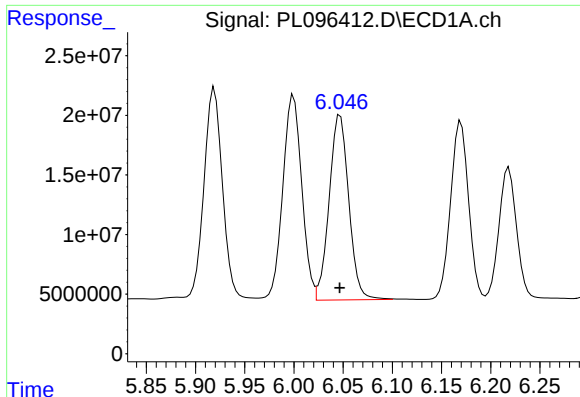
#8 Heptachlor epoxide

R.T.: 5.662 min
Delta R.T.: -0.003 min
Response: 278603584
Conc: 67.15 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.801 min
Delta R.T.: 0.000 min
Response: 384944120
Conc: 57.58 ng/ml



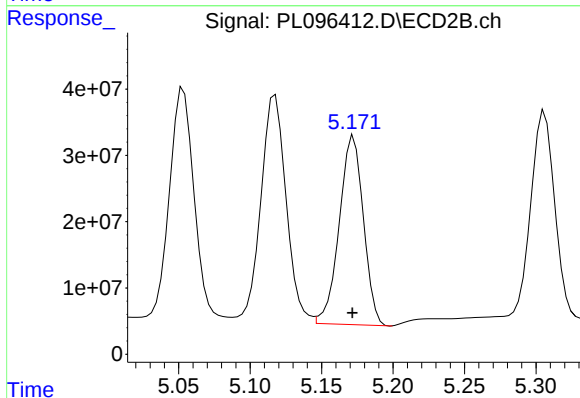
#9 Endosulfan I

R.T.: 6.046 min
Delta R.T.: -0.001 min
Response: 214855211
Conc: 53.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168867BS

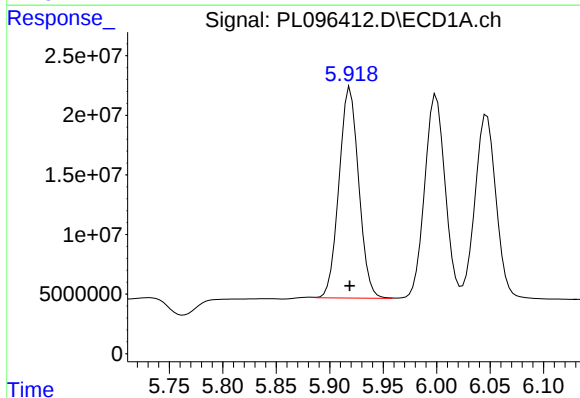
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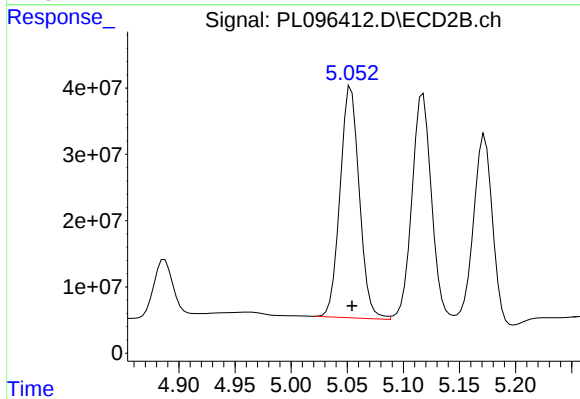
#9 Endosulfan I

R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 335100565
Conc: 46.71 ng/ml



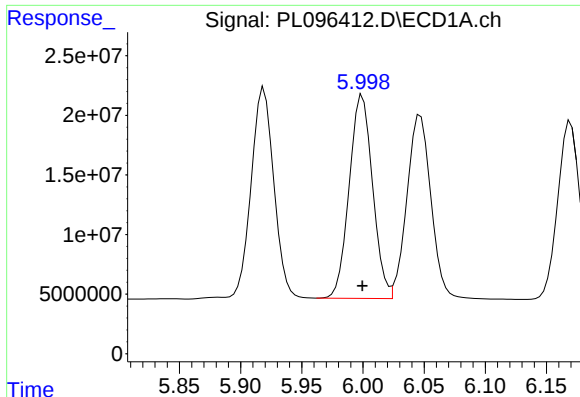
#10 gamma-Chlordane

R.T.: 5.918 min
Delta R.T.: -0.001 min
Response: 227417496
Conc: 51.40 ng/ml m



#10 gamma-Chlordane

R.T.: 5.053 min
Delta R.T.: 0.000 min
Response: 416649907
Conc: 59.35 ng/ml



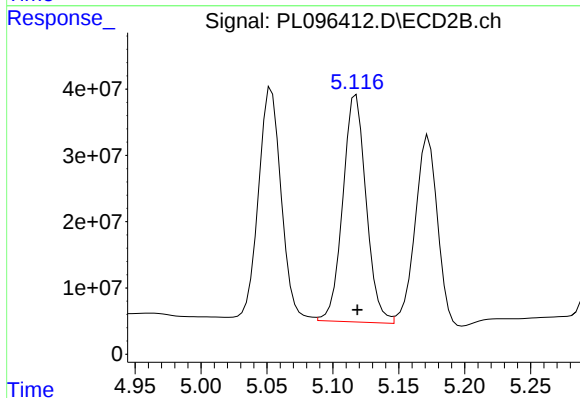
#11 alpha-Chlordane

R.T.: 5.998 min
Delta R.T.: -0.001 min
Response: 226077148
Conc: 51.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168867BS

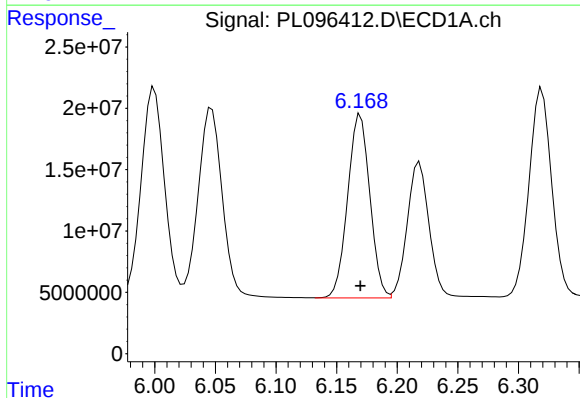
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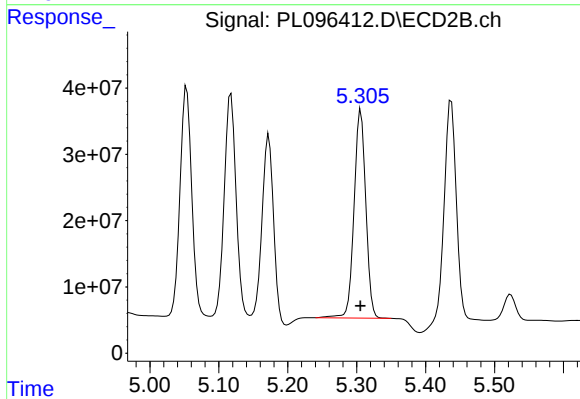
#11 alpha-Chlordane

R.T.: 5.118 min
Delta R.T.: -0.001 min
Response: 421275467
Conc: 56.02 ng/ml



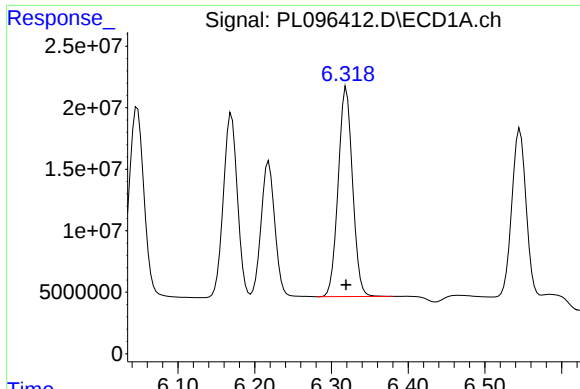
#12 4,4'-DDE

R.T.: 6.168 min
Delta R.T.: -0.001 min
Response: 191554053
Conc: 51.67 ng/ml m



#12 4,4'-DDE

R.T.: 5.306 min
Delta R.T.: 0.000 min
Response: 371891657
Conc: 57.54 ng/ml



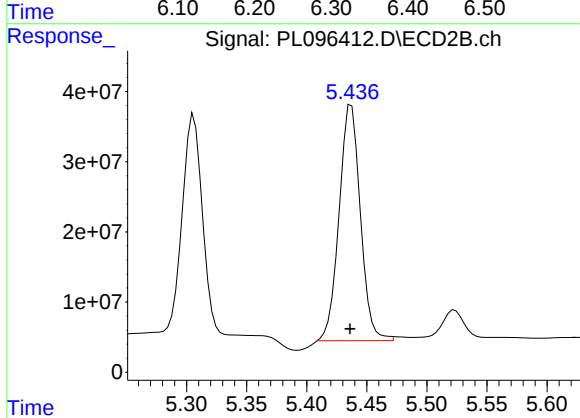
#13 Dieldrin

R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 221307319
Conc: 52.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168867BS

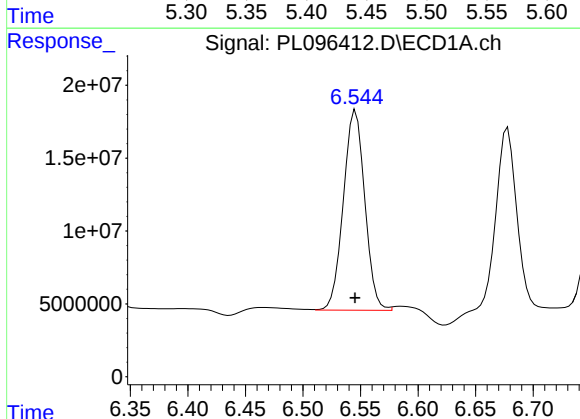
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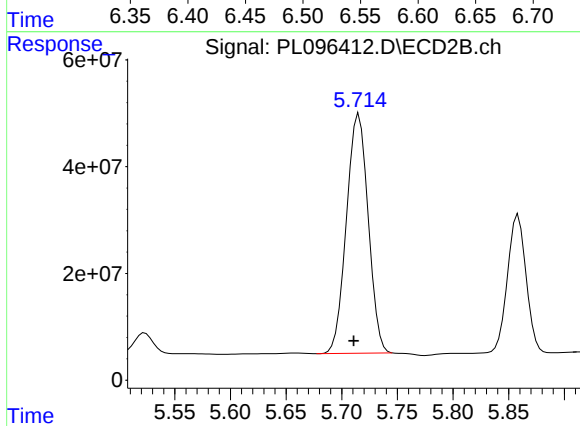
#13 Dieldrin

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 415293825
Conc: 60.90 ng/ml m



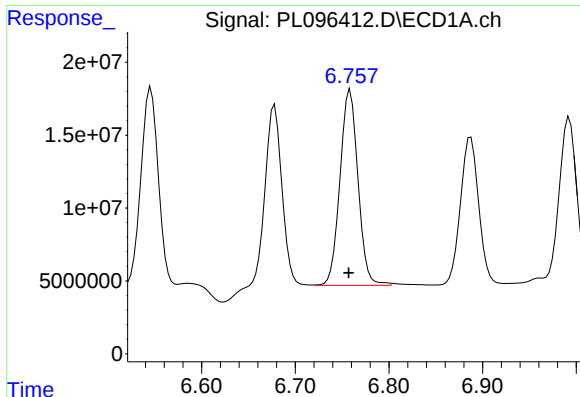
#14 Endrin

R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 178433885
Conc: 57.37 ng/ml m



#14 Endrin

R.T.: 5.716 min
Delta R.T.: 0.005 min
Response: 611033052
Conc: 100.23 ng/ml



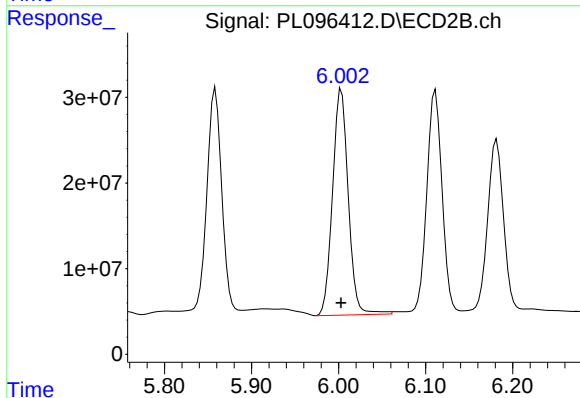
#15 Endosulfan II

R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 179635570
Conc: 51.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168867BS

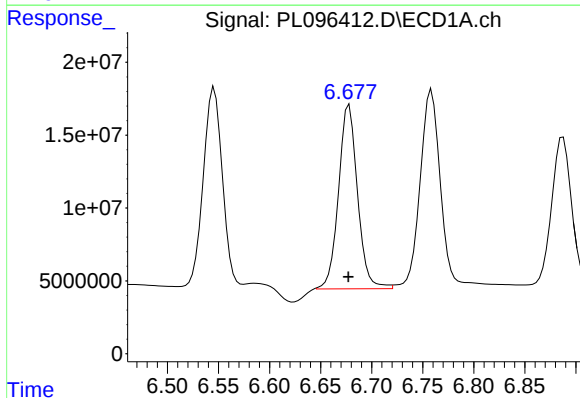
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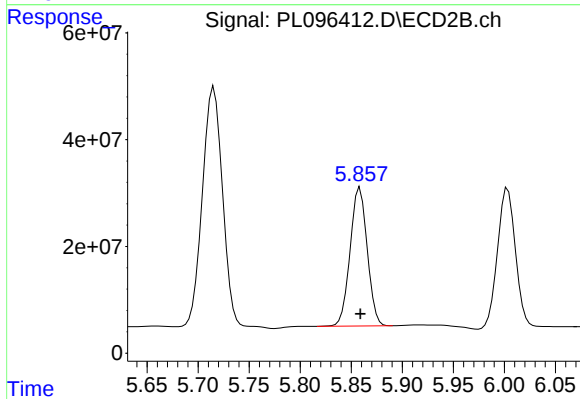
#15 Endosulfan II

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 331541782
Conc: 56.54 ng/ml



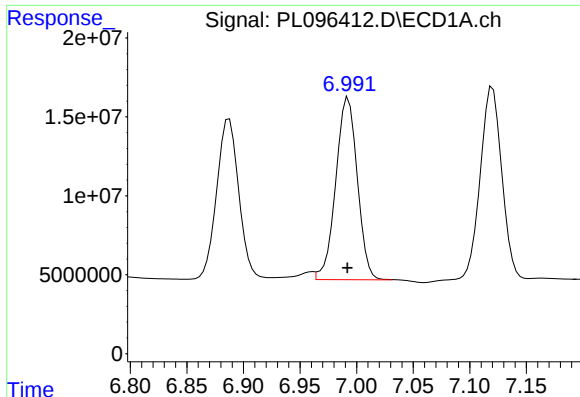
#16 4,4'-DDD

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 163423644
Conc: 56.13 ng/ml m



#16 4,4'-DDD

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 302969214
Conc: 59.07 ng/ml



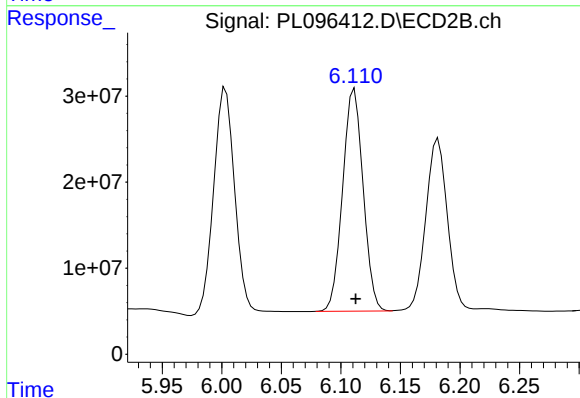
#17 4,4'-DDT

R.T.: 6.991 min
Delta R.T.: 0.000 min
Response: 152898741
Conc: 50.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168867BS

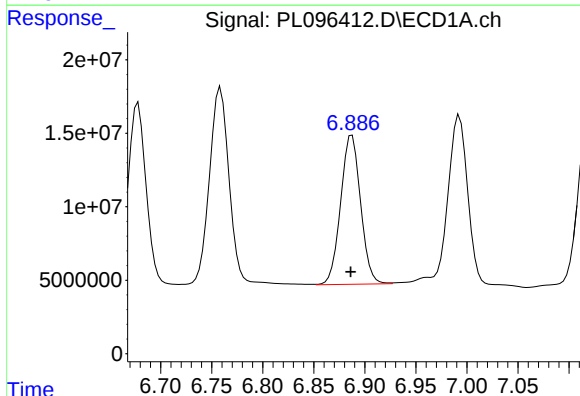
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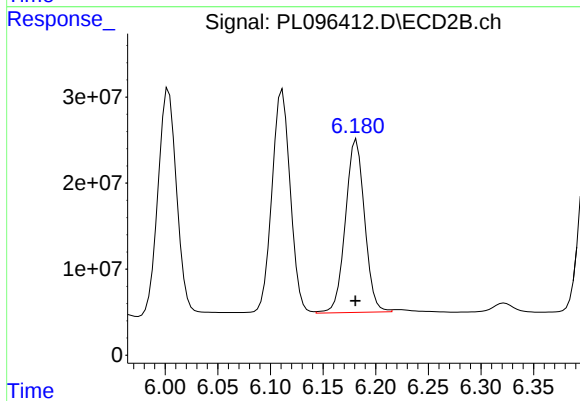
#17 4,4'-DDT

R.T.: 6.110 min
Delta R.T.: -0.002 min
Response: 310290632
Conc: 54.10 ng/ml m



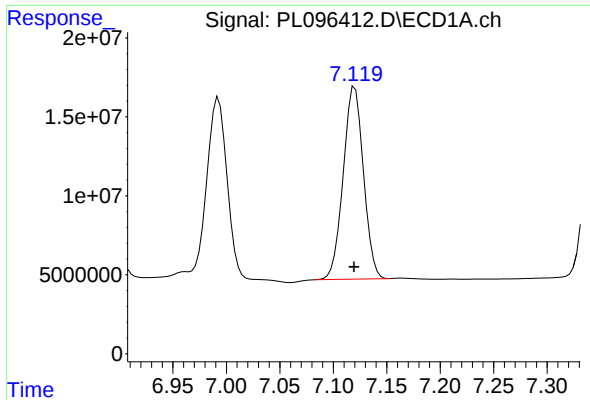
#18 Endrin aldehyde

R.T.: 6.886 min
Delta R.T.: 0.000 min
Response: 137906210
Conc: 61.69 ng/ml m



#18 Endrin aldehyde

R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 255563199
Conc: 57.37 ng/ml



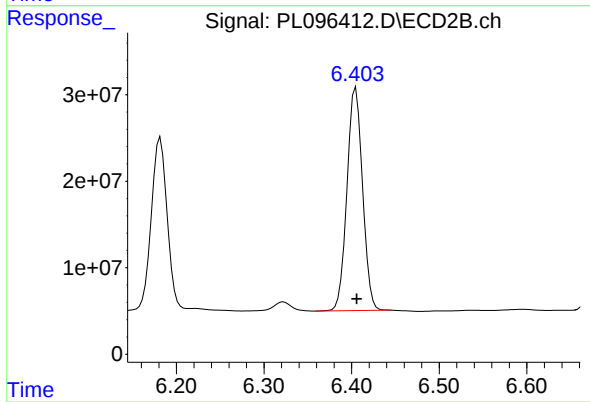
#19 Endosulfan Sulfate

R.T.: 7.120 min
Delta R.T.: 0.000 min
Response: 160777346
Conc: 52.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168867BS

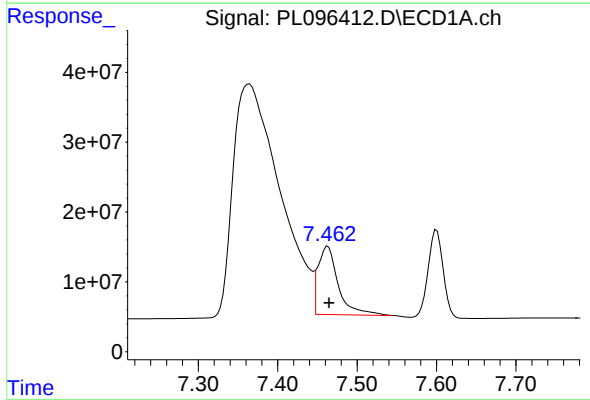
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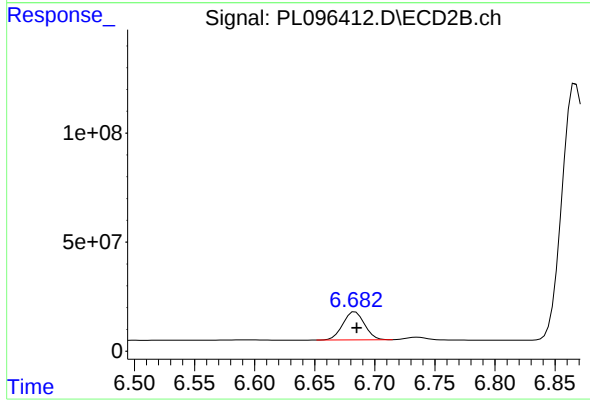
#19 Endosulfan Sulfate

R.T.: 6.405 min
Delta R.T.: 0.000 min
Response: 318596679
Conc: 56.65 ng/ml



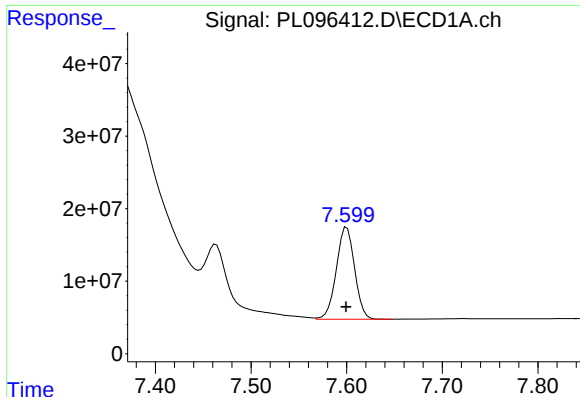
#20 Methoxychlor

R.T.: 7.462 min
Delta R.T.: -0.003 min
Response: 168186340
Conc: 106.76 ng/ml m



#20 Methoxychlor

R.T.: 6.684 min
Delta R.T.: -0.001 min
Response: 162633537
Conc: 53.54 ng/ml



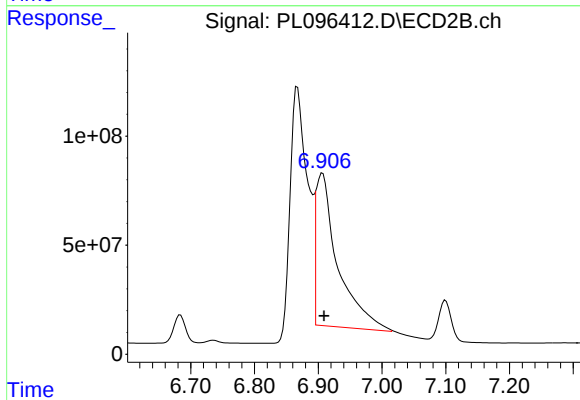
#21 Endrin ketone

R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 168514342
Conc: 51.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168867BS

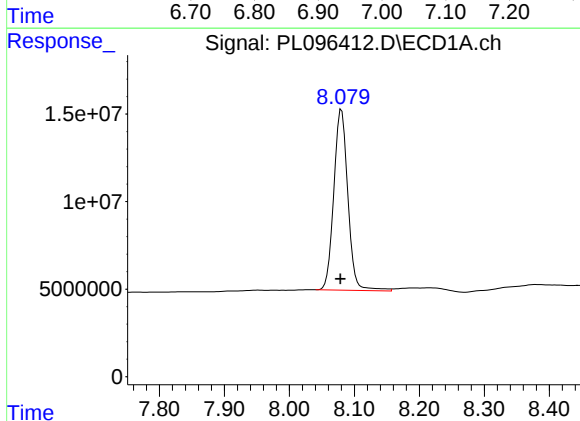
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/17/2025
Supervised By :mohammad ahmed 07/19/2025



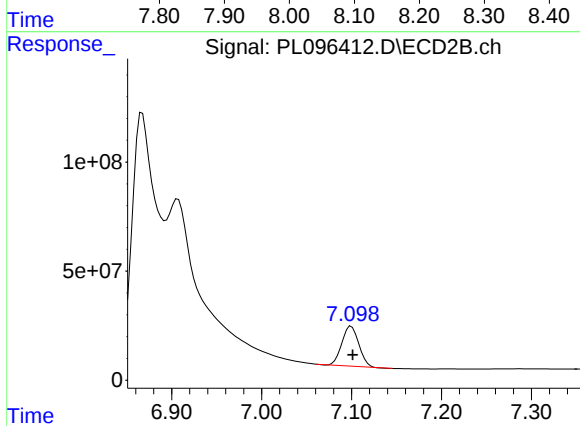
#21 Endrin ketone

R.T.: 6.906 min
Delta R.T.: -0.003 min
Response: 1610392289
Conc: 257.57 ng/ml m



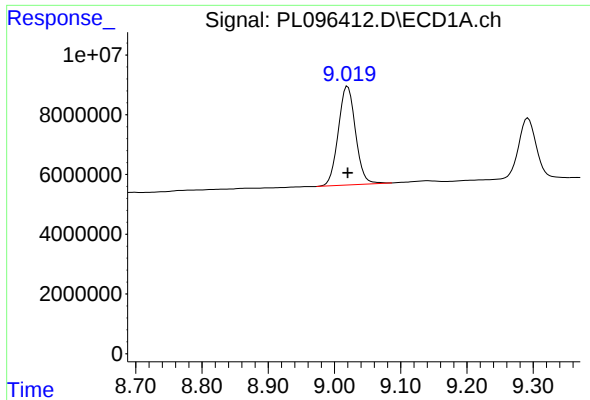
#22 Mirex

R.T.: 8.080 min
Delta R.T.: 0.002 min
Response: 155565102
Conc: 55.91 ng/ml



#22 Mirex

R.T.: 7.100 min
Delta R.T.: -0.001 min
Response: 237542285
Conc: 47.81 ng/ml



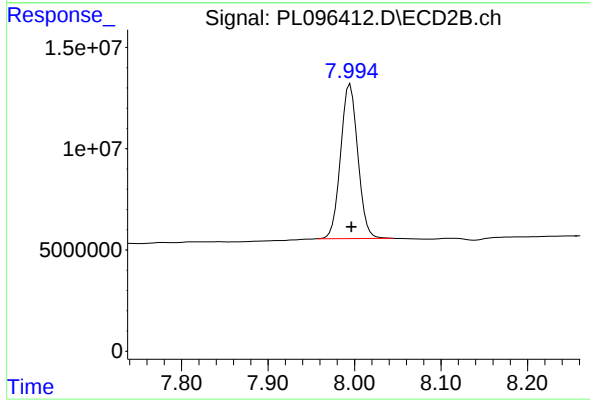
#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.000 min
Response: 59724260
Conc: 21.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB168867BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/17/2025
Supervised By :mohammad ahmed 07/19/2025



#28 Decachlorobiphenyl

R.T.: 7.995 min
Delta R.T.: -0.002 min
Response: 104983259
Conc: 21.05 ng/ml