

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071525\
 Data File : PL096381.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jul 2025 18:16
 Operator : AR\AJ
 Sample : Q2578-03MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-A5-01-CMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/16/2025
 Supervised By :mohammad ahmed 07/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 01:39:29 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...	3.536	2.828	64793897	82951151	17.757	14.373
28)	SA Decachlor...	9.018	7.992	60305359	84580509	21.438	16.962
Target Compounds							
2)	A alpha-BHC	3.984	3.333	269.5E6	356.0E6	52.403	42.212
3)	MA gamma-BHC...	4.311	3.665	260.5E6	345.3E6	52.313m	43.842
4)	MA Heptachlor	4.904	4.014	246.1E6	308.9E6	53.709	40.606
5)	MB Aldrin	5.243	4.297	247.8E6	298.1E6	51.269m	40.860
6)	B beta-BHC	4.499	3.961	87852597	130.4E6	42.261	38.072
7)	B delta-BHC	4.744	4.194	251.5E6	328.7E6	56.114	42.681
8)	B Heptachlo...	5.664	4.799	232.6E6	287.4E6	56.058	42.994
9)	A Endosulfan I	6.045	5.171	218.0E6	246.9E6	53.996	34.414 #
10)	B gamma-Chl...	5.917	5.051	239.8E6	304.2E6	54.202	43.338
11)	B alpha-Chl...	5.998	5.115	228.3E6	293.2E6	52.146	38.982 #
12)	B 4,4'-DDE	6.168	5.304	190.4E6	276.0E6	51.369	42.698
13)	MA Dieldrin	6.317	5.435	227.0E6	323.0E6	53.691	47.368
14)	MA Endrin	6.544	5.709	173.2E6	246.9E6	55.691	40.491 #
15)	B Endosulfa...	6.756	6.001	152.6E6	198.8E6	43.982	33.905
16)	A 4,4'-DDD	6.676	5.855	171.8E6	259.5E6	58.989	50.602m
17)	MA 4,4'-DDT	6.991	6.109	141.4E6	216.8E6	46.600	37.797
18)	B Endrin al...	6.885	6.179	142.2E6	200.2E6	63.606	44.942 #
19)	B Endosulfa...	7.119	6.402	161.4E6	243.9E6	52.751	43.364
20)	A Methoxychlor	7.463	6.681	71108068	115.3E6	45.137	37.952
21)	B Endrin ke...	7.598	6.907	176.2E6	275.2E6	53.369	44.010
22)	Mirex	8.078	7.098	140.4E6	205.4E6	50.449	41.349

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071525\
Data File : PL096381.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 18:16
Operator : AR\AJ
Sample : Q2578-03MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

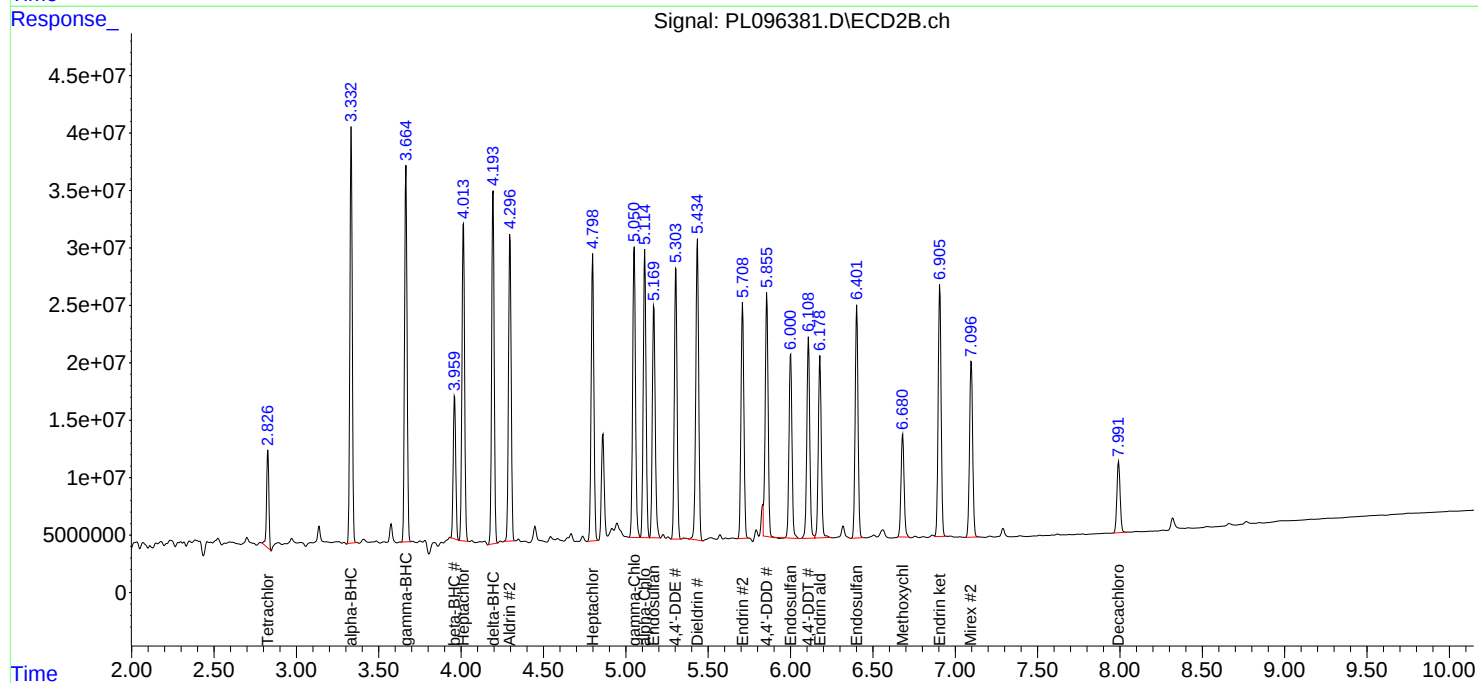
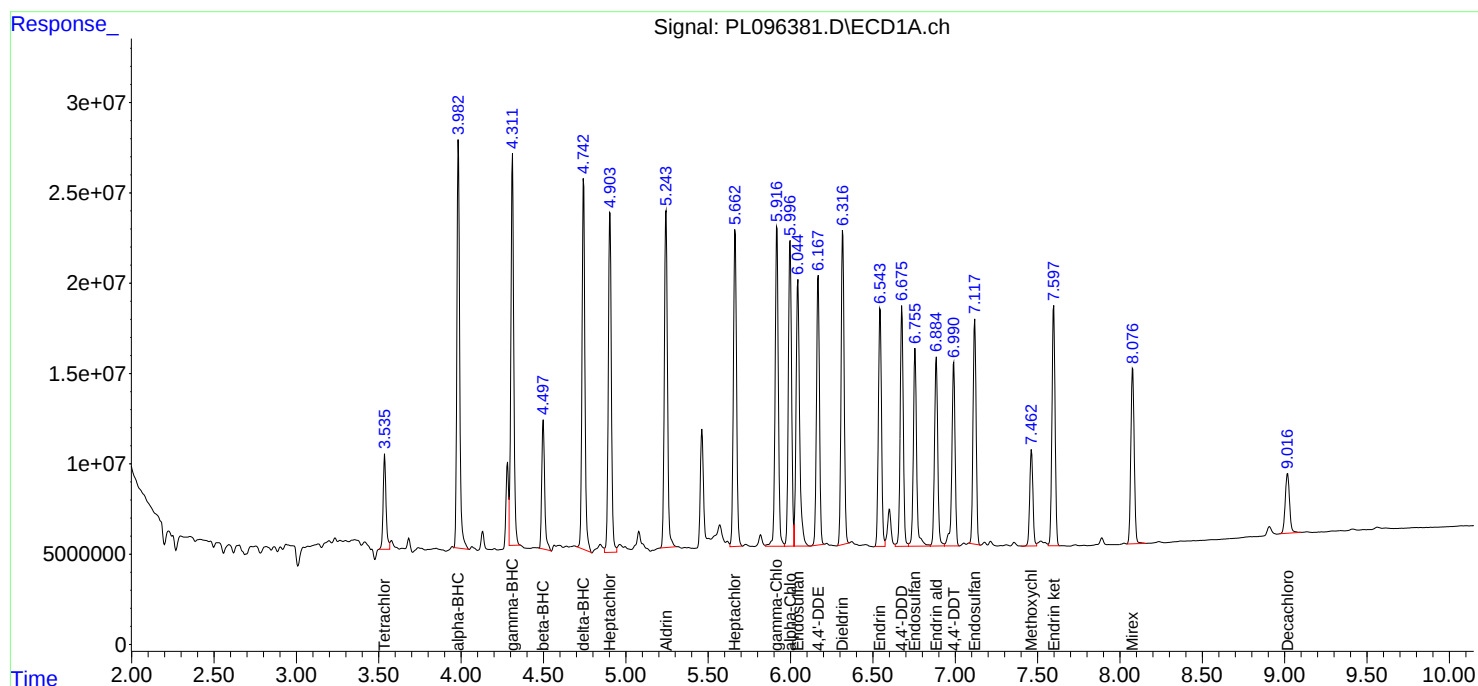
Instrument :
ECD_L
ClientSampleId :
WC-A5-01-CMS

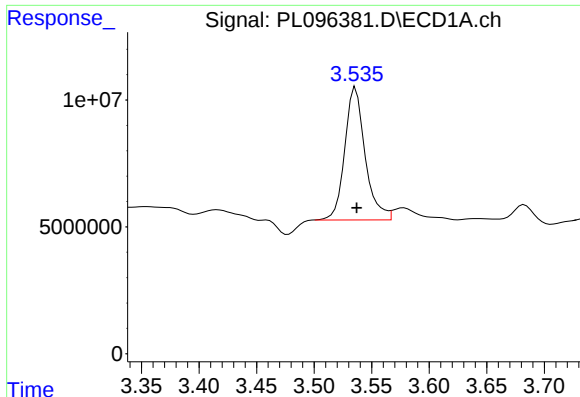
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 01:39:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL070725.M
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QLast Update : Mon Jul 07 15:22:07 2025
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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





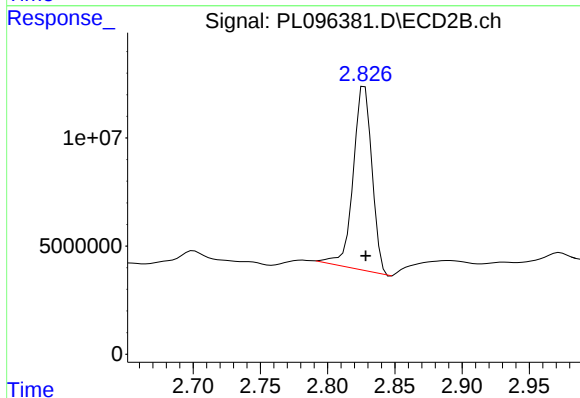
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: 0.000 min
Response: 64793897
Conc: 17.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A5-01-CMS

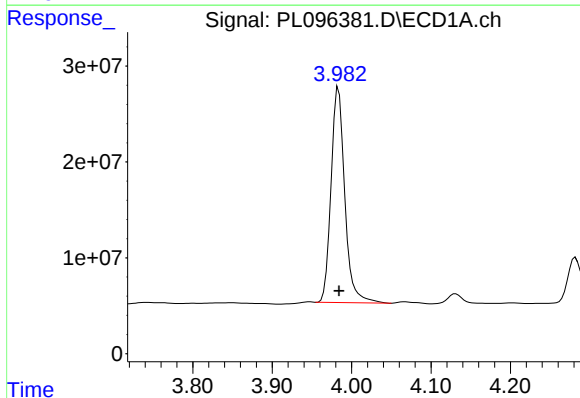
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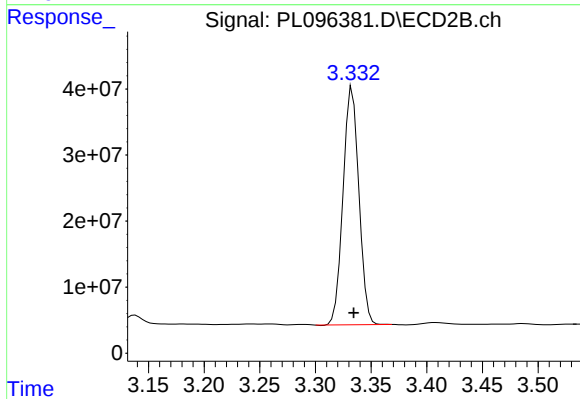
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 82951151
Conc: 14.37 ng/ml



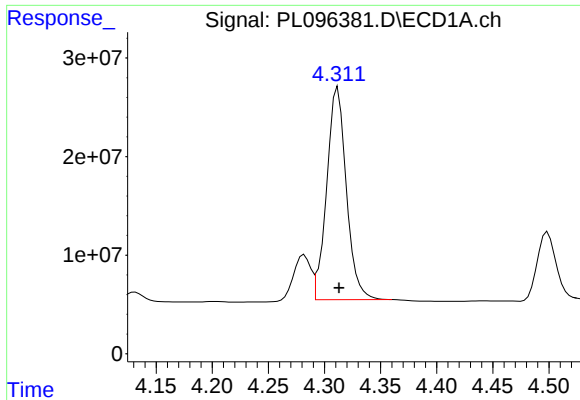
#2 alpha-BHC

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 269515659
Conc: 52.40 ng/ml



#2 alpha-BHC

R.T.: 3.333 min
Delta R.T.: -0.001 min
Response: 356031971
Conc: 42.21 ng/ml



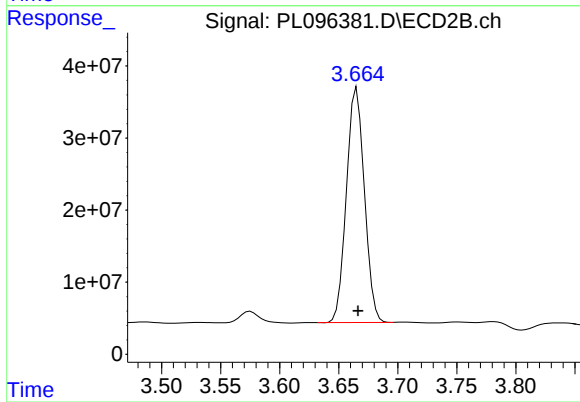
#3 gamma-BHC (Lindane)

R.T.: 4.311 min
Delta R.T.: -0.002 min
Response: 260501292
Conc: 52.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A5-01-CMS

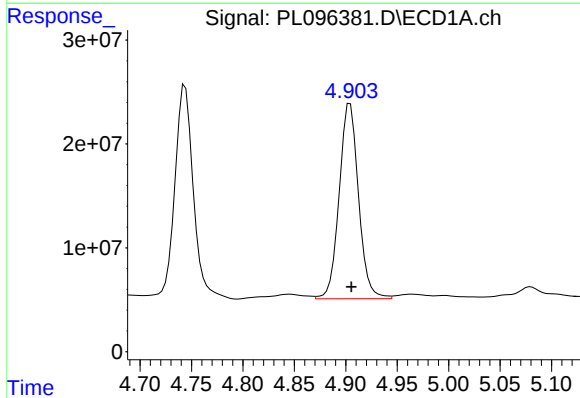
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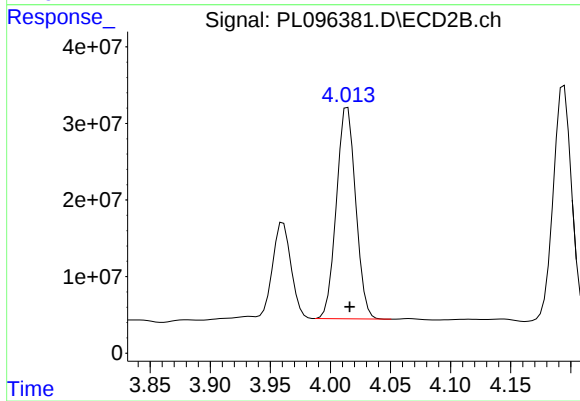
#3 gamma-BHC (Lindane)

R.T.: 3.665 min
Delta R.T.: -0.001 min
Response: 345294157
Conc: 43.84 ng/ml



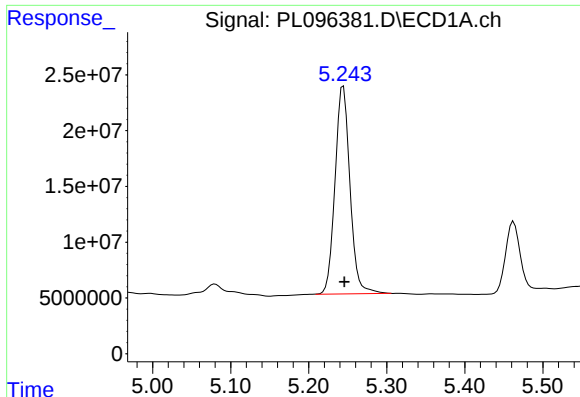
#4 Heptachlor

R.T.: 4.904 min
Delta R.T.: -0.001 min
Response: 246054256
Conc: 53.71 ng/ml



#4 Heptachlor

R.T.: 4.014 min
Delta R.T.: -0.002 min
Response: 308917559
Conc: 40.61 ng/ml



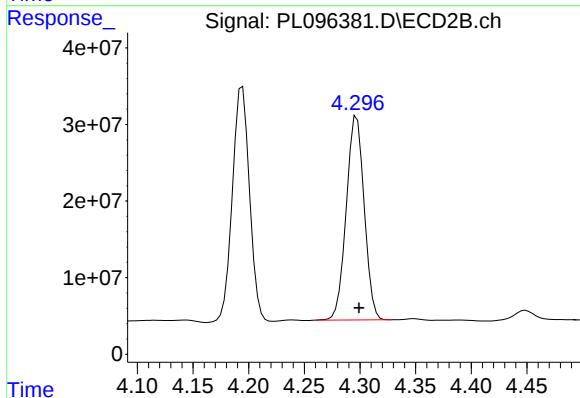
#5 Aldrin

R.T.: 5.243 min
Delta R.T.: -0.003 min
Response: 247820397
Conc: 51.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A5-01-CMS

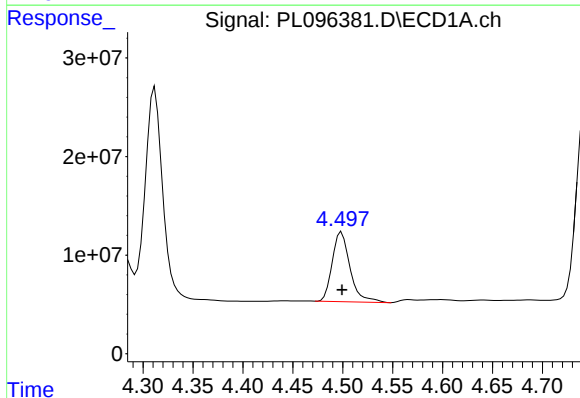
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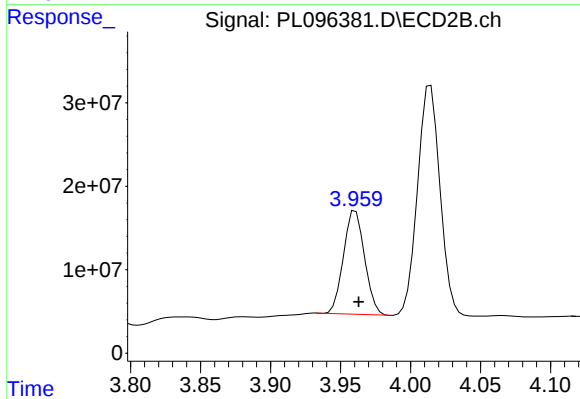
#5 Aldrin

R.T.: 4.297 min
Delta R.T.: -0.002 min
Response: 298095928
Conc: 40.86 ng/ml



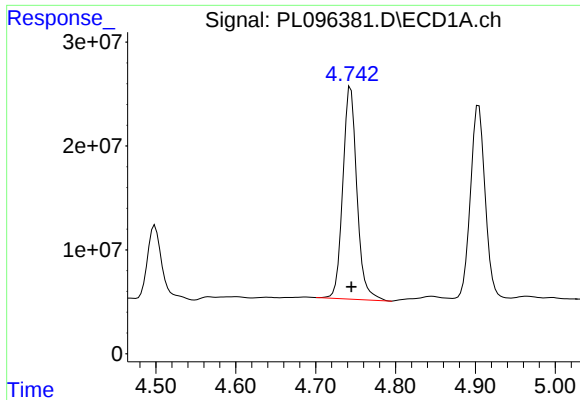
#6 beta-BHC

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 87852597
Conc: 42.26 ng/ml



#6 beta-BHC

R.T.: 3.961 min
Delta R.T.: -0.002 min
Response: 130353584
Conc: 38.07 ng/ml



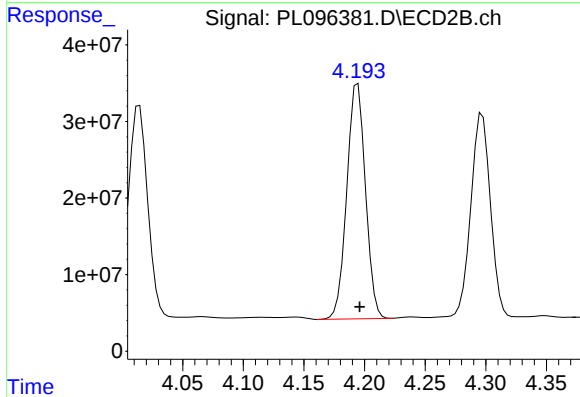
#7 delta-BHC

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 251466883
Conc: 56.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A5-01-CMS

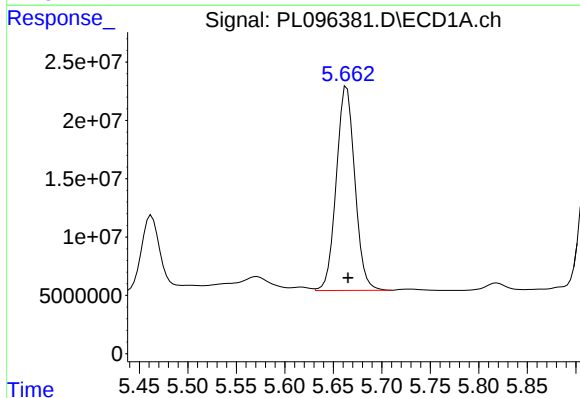
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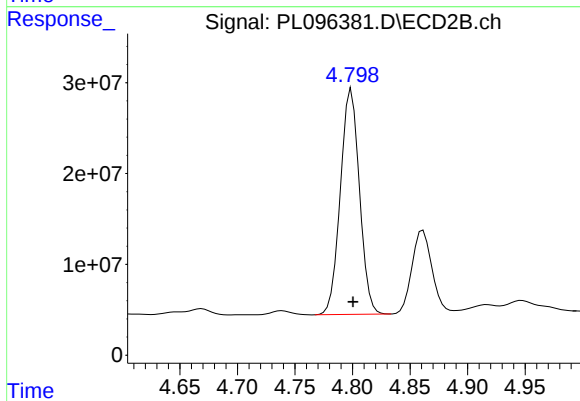
#7 delta-BHC

R.T.: 4.194 min
Delta R.T.: -0.002 min
Response: 328728014
Conc: 42.68 ng/ml



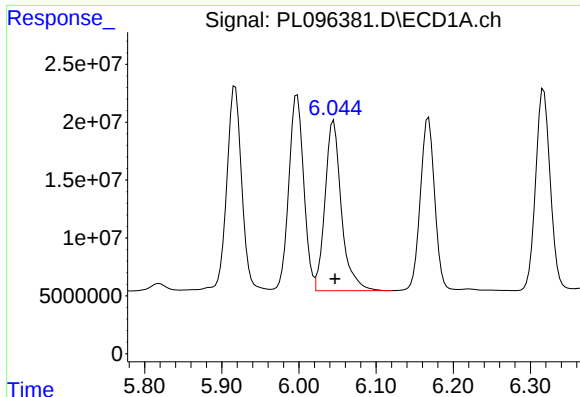
#8 Heptachlor epoxide

R.T.: 5.664 min
Delta R.T.: -0.001 min
Response: 232594644
Conc: 56.06 ng/ml



#8 Heptachlor epoxide

R.T.: 4.799 min
Delta R.T.: -0.001 min
Response: 287412562
Conc: 42.99 ng/ml



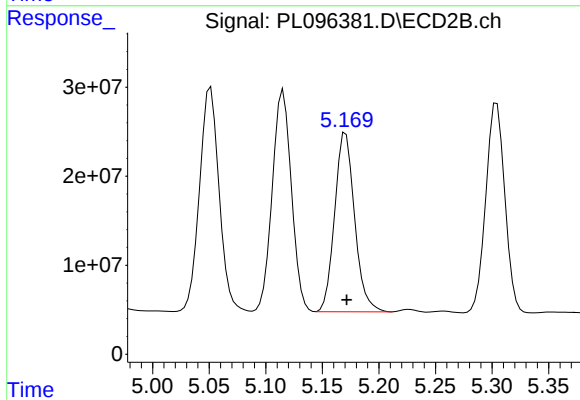
#9 Endosulfan I

R.T.: 6.045 min
Delta R.T.: -0.002 min
Response: 217996368
Conc: 54.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A5-01-CMS

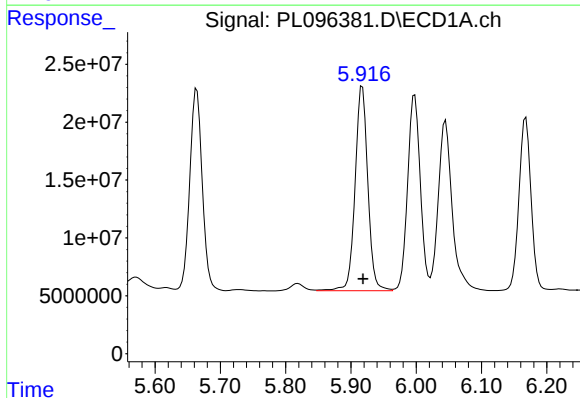
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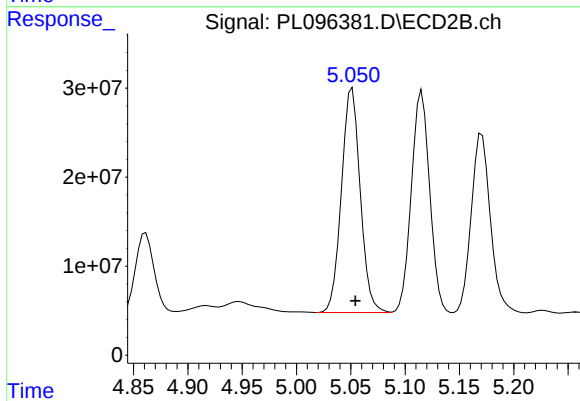
#9 Endosulfan I

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 246893189
Conc: 34.41 ng/ml



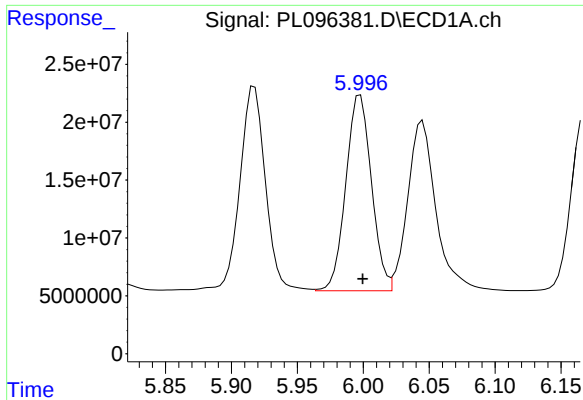
#10 gamma-Chlordane

R.T.: 5.917 min
Delta R.T.: -0.001 min
Response: 239835251
Conc: 54.20 ng/ml



#10 gamma-Chlordane

R.T.: 5.051 min
Delta R.T.: -0.003 min
Response: 304221932
Conc: 43.34 ng/ml



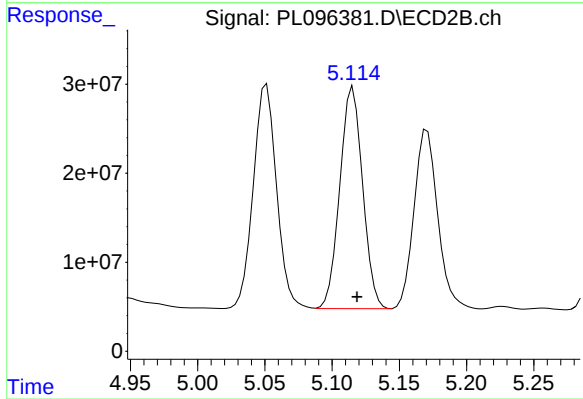
#11 alpha-Chlordane

R.T.: 5.998 min
Delta R.T.: -0.002 min
Response: 228341572
Conc: 52.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A5-01-CMS

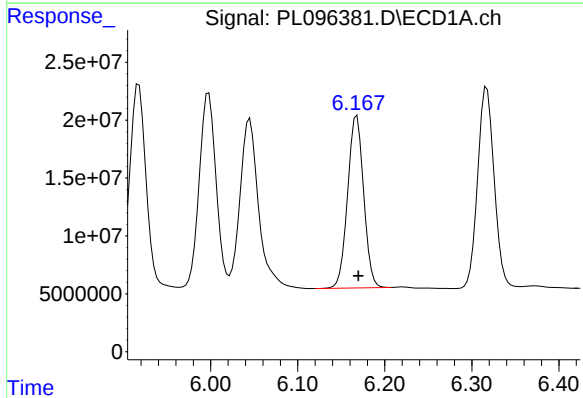
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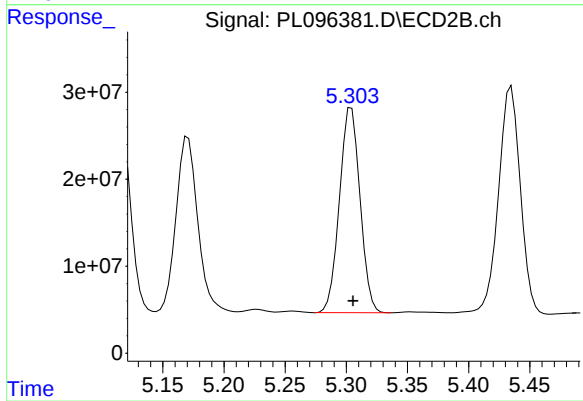
#11 alpha-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.003 min
Response: 293150854
Conc: 38.98 ng/ml



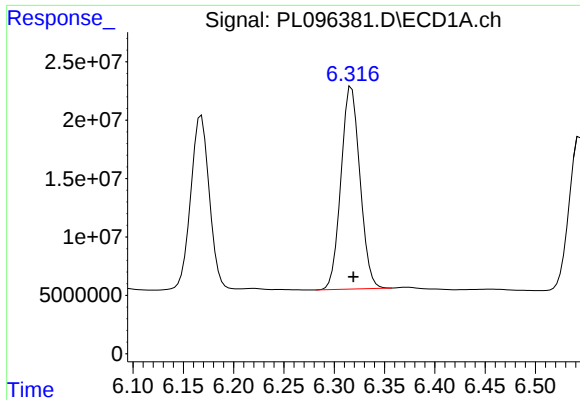
#12 4,4'-DDE

R.T.: 6.168 min
Delta R.T.: -0.002 min
Response: 190448900
Conc: 51.37 ng/ml



#12 4,4'-DDE

R.T.: 5.304 min
Delta R.T.: -0.001 min
Response: 275983623
Conc: 42.70 ng/ml



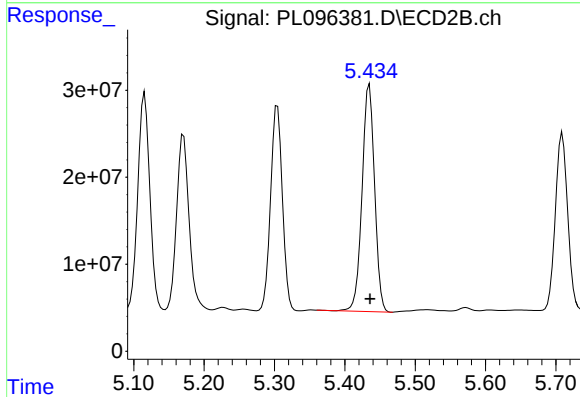
#13 Dieldrin

R.T.: 6.317 min
Delta R.T.: -0.002 min
Response: 227027395
Conc: 53.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A5-01-CMS

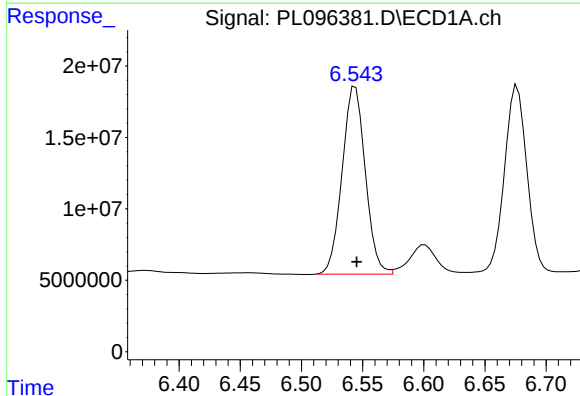
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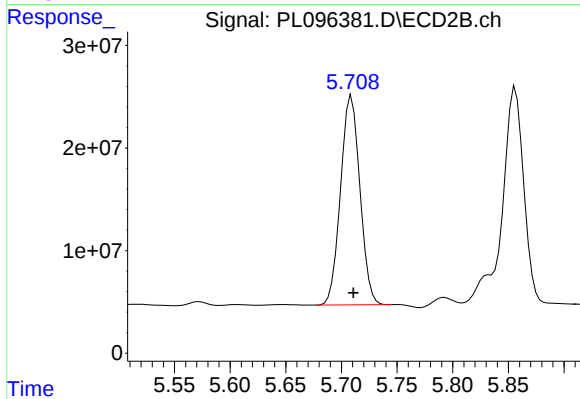
#13 Dieldrin

R.T.: 5.435 min
Delta R.T.: -0.001 min
Response: 323017431
Conc: 47.37 ng/ml



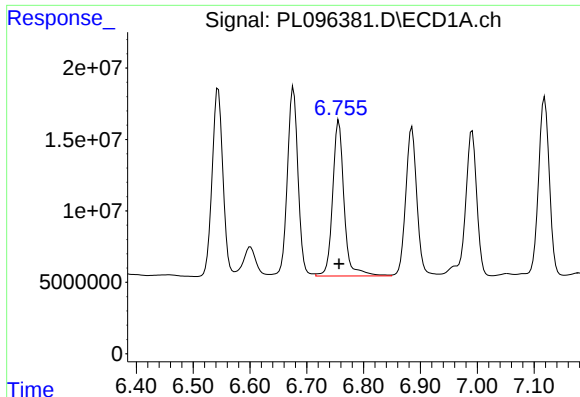
#14 Endrin

R.T.: 6.544 min
Delta R.T.: -0.001 min
Response: 173210149
Conc: 55.69 ng/ml



#14 Endrin

R.T.: 5.709 min
Delta R.T.: -0.002 min
Response: 246851251
Conc: 40.49 ng/ml



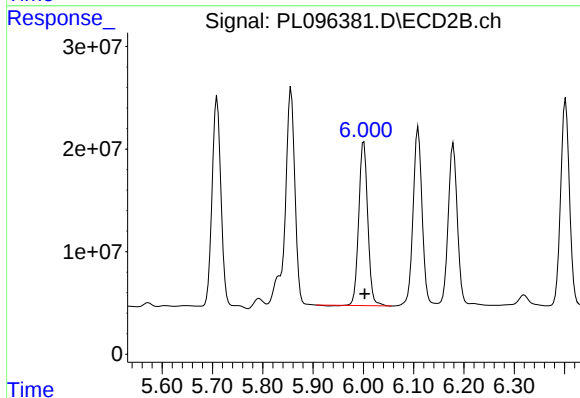
#15 Endosulfan II

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 152621440
Conc: 43.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
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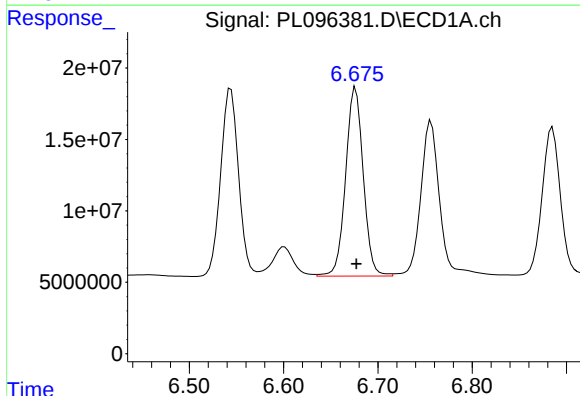
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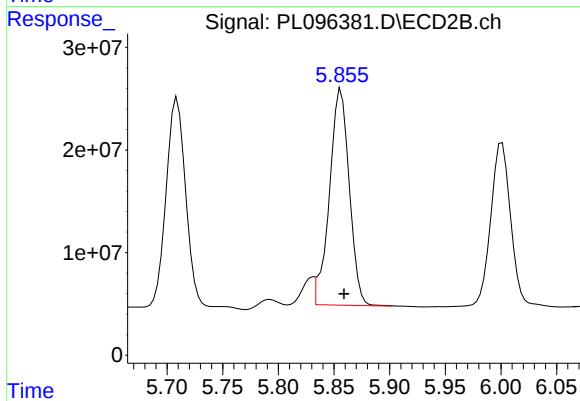
#15 Endosulfan II

R.T.: 6.001 min
Delta R.T.: -0.002 min
Response: 198813378
Conc: 33.90 ng/ml



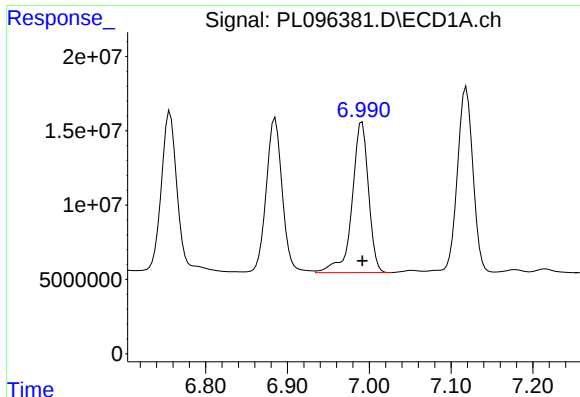
#16 4,4'-DDD

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 171759011
Conc: 58.99 ng/ml



#16 4,4'-DDD

R.T.: 5.855 min
Delta R.T.: -0.004 min
Response: 259521439
Conc: 50.60 ng/ml m



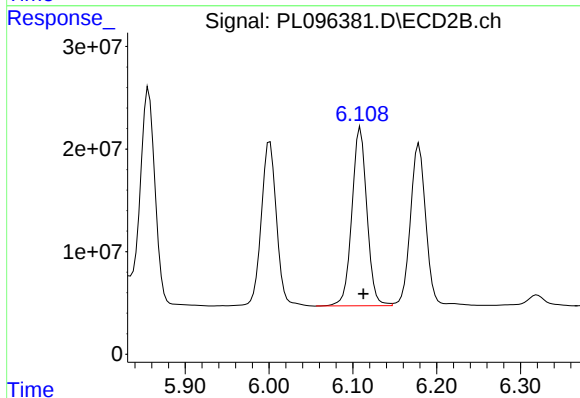
#17 4,4'-DDT

R.T.: 6.991 min
Delta R.T.: 0.000 min
Response: 141441894
Conc: 46.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A5-01-CMS

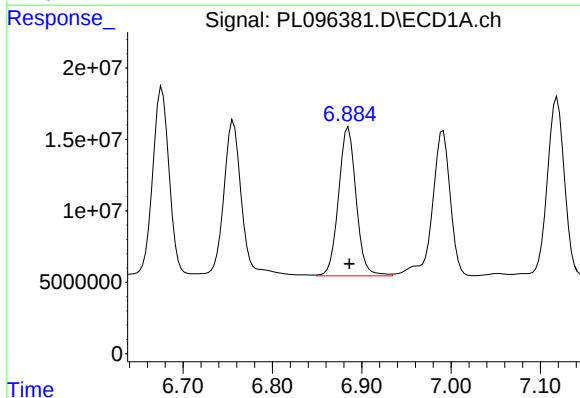
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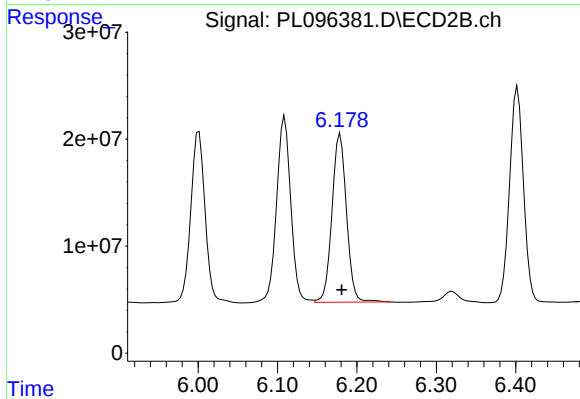
#17 4,4'-DDT

R.T.: 6.109 min
Delta R.T.: -0.003 min
Response: 216771326
Conc: 37.80 ng/ml



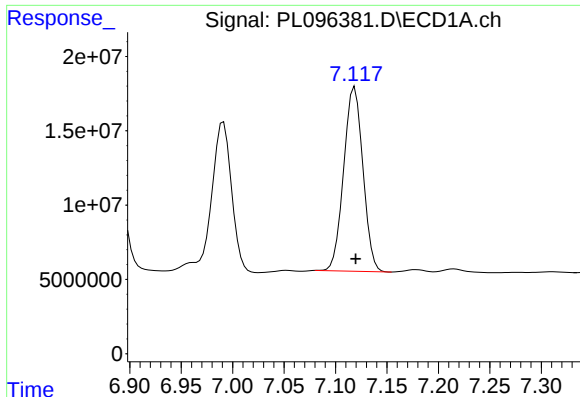
#18 Endrin aldehyde

R.T.: 6.885 min
Delta R.T.: -0.001 min
Response: 142195018
Conc: 63.61 ng/ml



#18 Endrin aldehyde

R.T.: 6.179 min
Delta R.T.: -0.002 min
Response: 200199268
Conc: 44.94 ng/ml



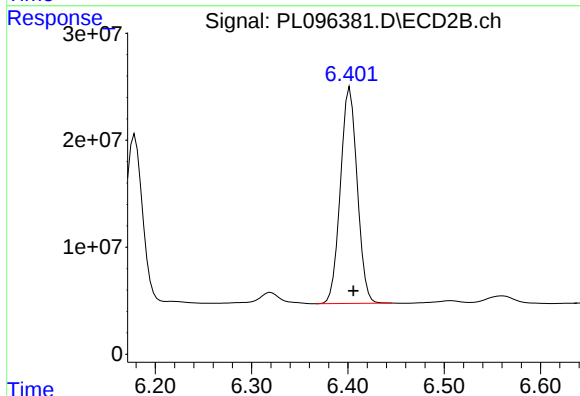
#19 Endosulfan Sulfate

R.T.: 7.119 min
Delta R.T.: 0.000 min
Response: 161357784
Conc: 52.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
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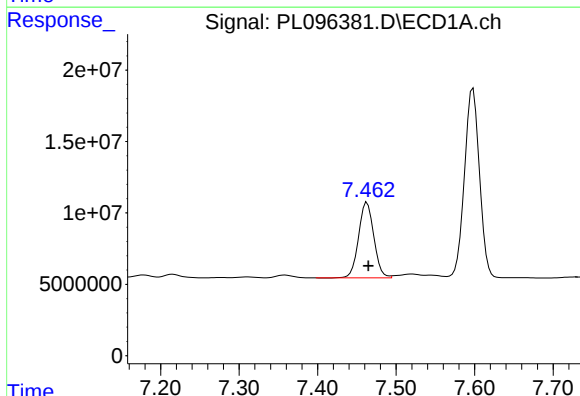
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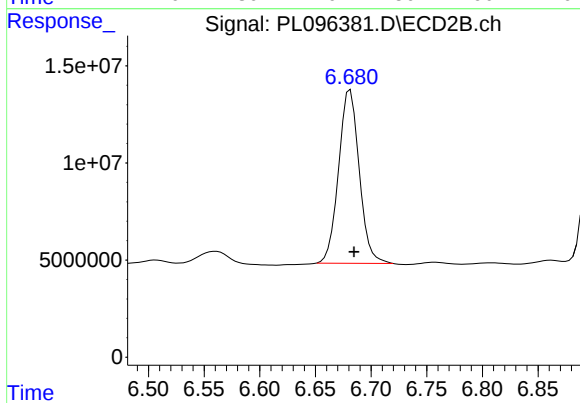
#19 Endosulfan Sulfate

R.T.: 6.402 min
Delta R.T.: -0.003 min
Response: 243894993
Conc: 43.36 ng/ml



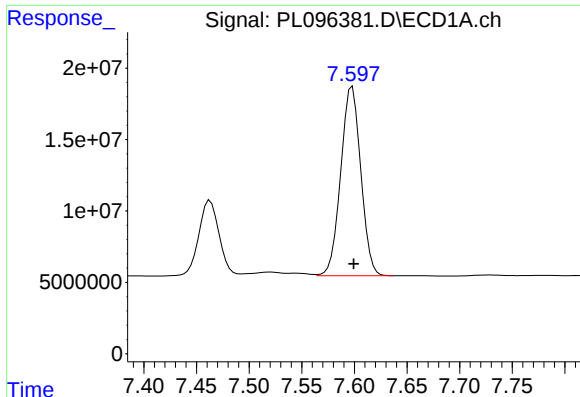
#20 Methoxychlor

R.T.: 7.463 min
Delta R.T.: -0.002 min
Response: 71108068
Conc: 45.14 ng/ml



#20 Methoxychlor

R.T.: 6.681 min
Delta R.T.: -0.004 min
Response: 115289710
Conc: 37.95 ng/ml



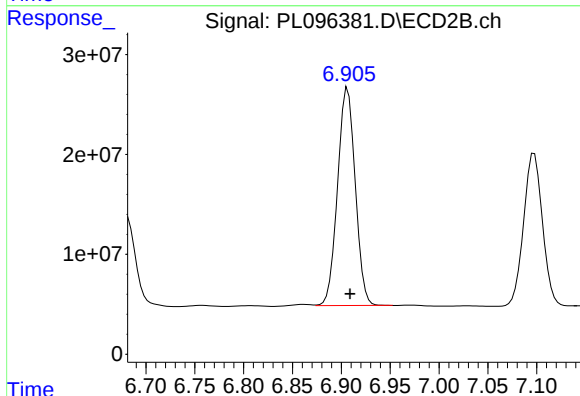
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: -0.001 min
Response: 176205291
Conc: 53.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A5-01-CMS

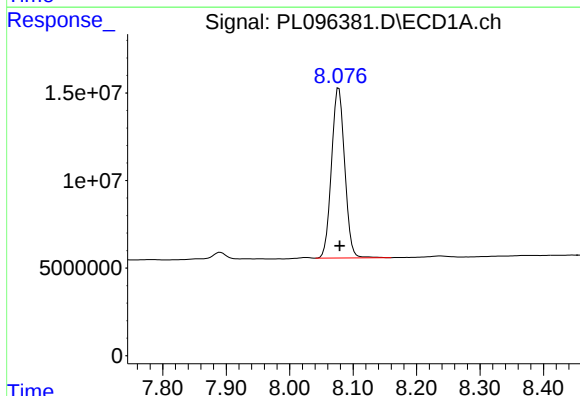
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/16/2025
Supervised By :mohammad ahmed 07/17/2025



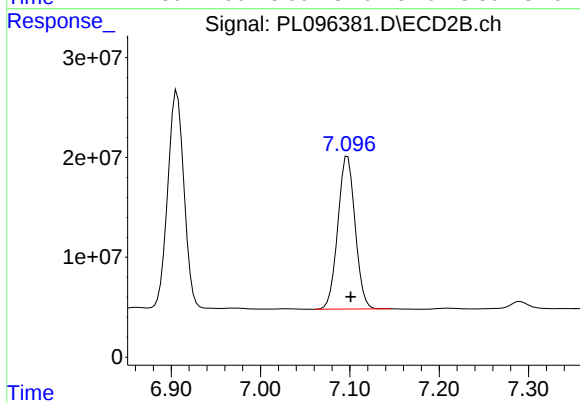
#21 Endrin ketone

R.T.: 6.907 min
Delta R.T.: -0.002 min
Response: 275161219
Conc: 44.01 ng/ml



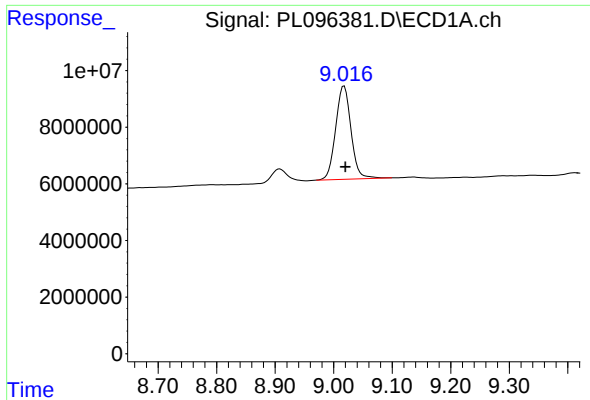
#22 Mirex

R.T.: 8.078 min
Delta R.T.: -0.001 min
Response: 140360466
Conc: 50.45 ng/ml



#22 Mirex

R.T.: 7.098 min
Delta R.T.: -0.004 min
Response: 205429506
Conc: 41.35 ng/ml



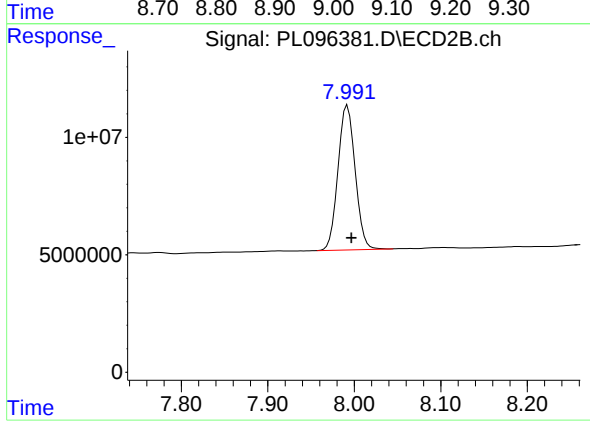
#28 Decachlorobiphenyl

R.T.: 9.018 min
Delta R.T.: -0.002 min
Response: 60305359
Conc: 21.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-A5-01-CMS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.992 min
Delta R.T.: -0.004 min
Response: 84580509
Conc: 16.96 ng/ml