

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071525\
 Data File : PL096382.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jul 2025 18:29
 Operator : AR\AJ
 Sample : Q2578-03MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

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

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 01:39:51 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...	3.537	2.828	64652836	82578150	17.718	14.309
28)	SA Decachlor...	9.018	7.993	59864533	84865754	21.281	17.019
Target Compounds							
2)	A alpha-BHC	3.984	3.334	267.8E6	357.1E6	52.064	42.333
3)	MA gamma-BHC...	4.310	3.666	261.1E6	344.6E6	52.434m	43.757
4)	MA Heptachlor	4.904	4.015	242.1E6	304.7E6	52.843	40.052
5)	MB Aldrin	5.244	4.298	251.8E6	298.3E6	52.098	40.885
6)	B beta-BHC	4.499	3.961	86615967	130.4E6	41.666	38.085
7)	B delta-BHC	4.744	4.195	250.4E6	329.5E6	55.884	42.777
8)	B Heptachlo...	5.664	4.800	234.7E6	287.8E6	56.555	43.053
9)	A Endosulfan I	6.045	5.171	217.3E6	245.7E6	53.816	34.255 #
10)	B gamma-Chl...	5.916	5.052	231.8E6	304.1E6	52.388m	43.318
11)	B alpha-Chl...	5.998	5.116	227.4E6	293.0E6	51.935	38.957
12)	B 4,4'-DDE	6.168	5.305	189.7E6	276.2E6	51.162	42.732
13)	MA Dieldrin	6.317	5.436	226.7E6	322.5E6	53.608	47.290
14)	MA Endrin	6.544	5.710	169.7E6	243.4E6	54.569	39.932 #
15)	B Endosulfa...	6.756	6.001	151.1E6	200.3E6	43.557	34.152
16)	A 4,4'-DDD	6.676	5.856	172.9E6	269.6E6	59.393	52.564m
17)	MA 4,4'-DDT	6.991	6.110	136.7E6	207.5E6	45.028	36.173
18)	B Endrin al...	6.885	6.179	141.9E6	194.1E6	63.496	43.574 #
19)	B Endosulfa...	7.119	6.403	160.9E6	244.0E6	52.593	43.376
20)	A Methoxychlor	7.463	6.682	69248405	112.9E6	43.956	37.152
21)	B Endrin ke...	7.598	6.907	177.3E6	279.4E6	53.715	44.696
22)	Mirex	8.078	7.098	138.9E6	206.2E6	49.917	41.505

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071525\
Data File : PL096382.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2025 18:29
Operator : AR\AJ
Sample : Q2578-03MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

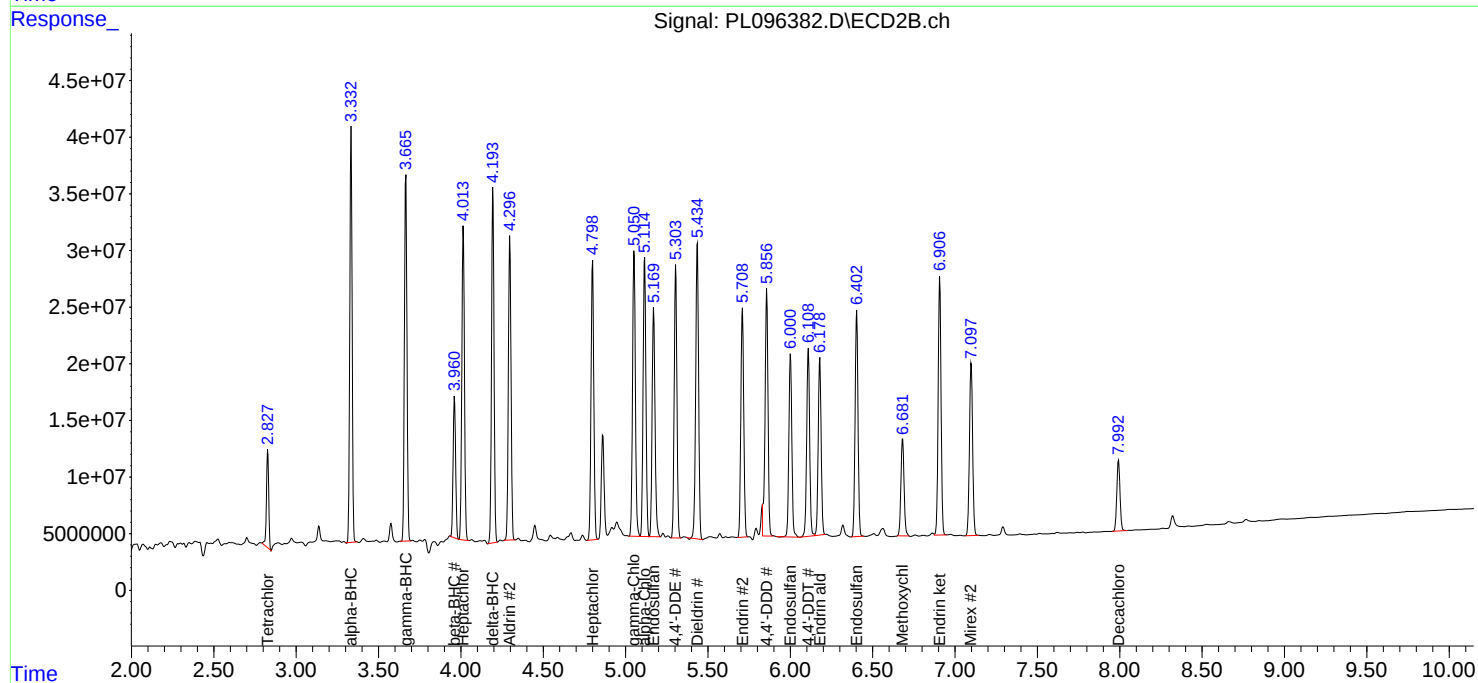
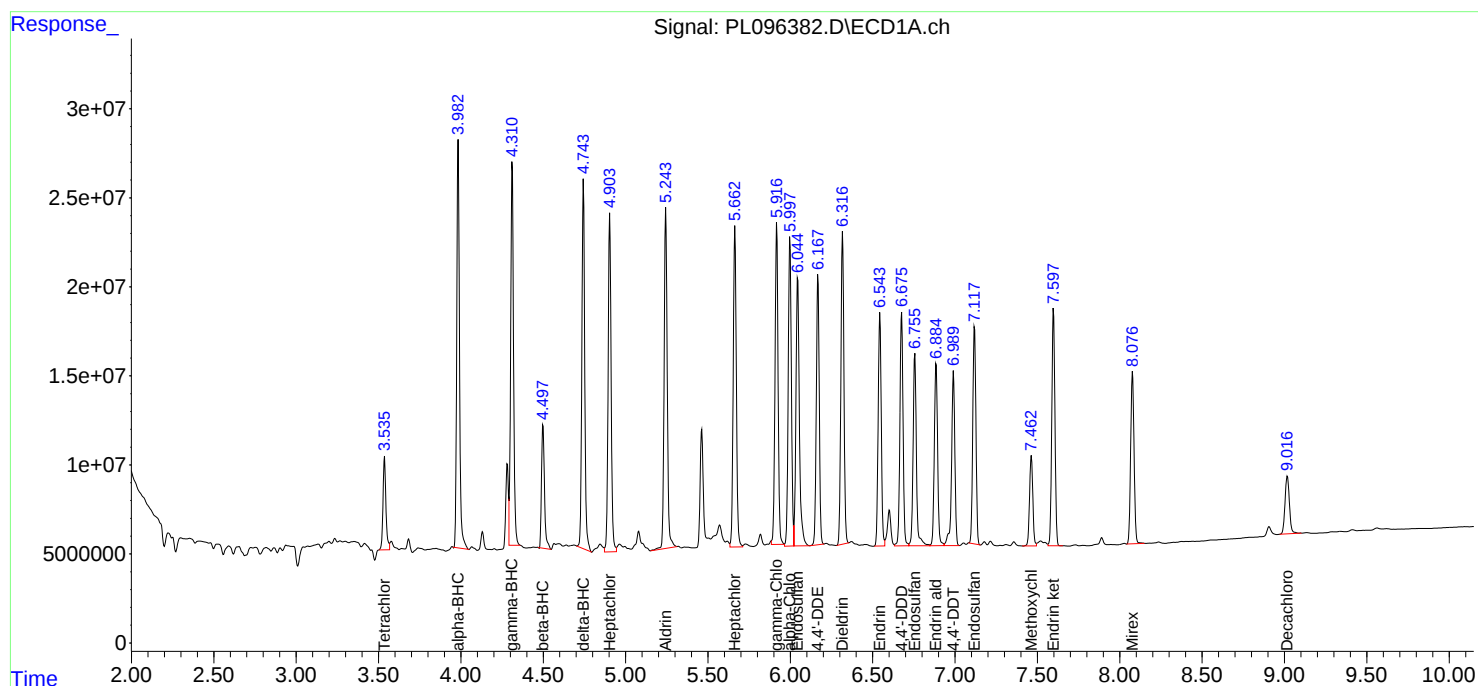
Instrument :
ECD_L
ClientSampleId :
WC-A5-01-CMSD

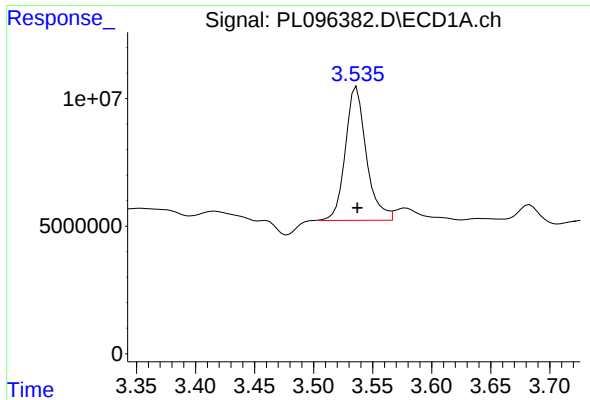
Manual Integrations
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Supervised By :mohammad ahmed 07/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 01:39:51 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





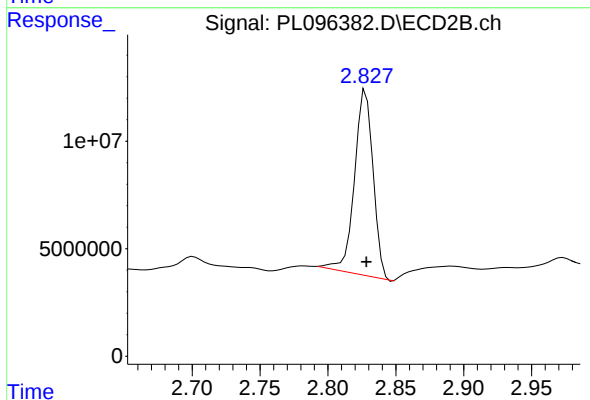
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 64652836
Conc: 17.72 ng/ml

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

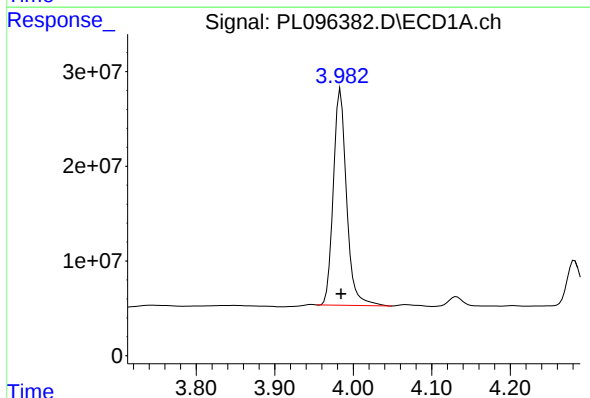
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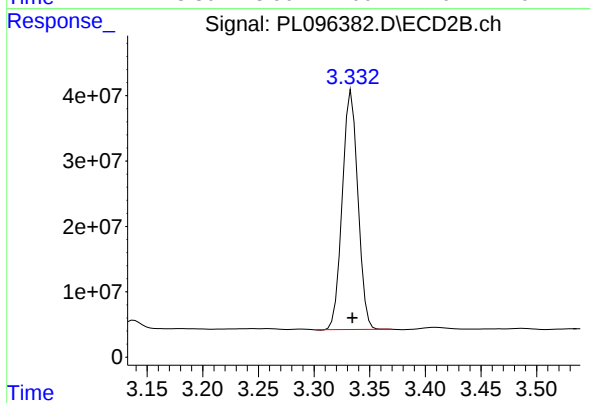
#1 Tetrachloro-m-xylene

R.T.: 2.828 min
Delta R.T.: 0.000 min
Response: 82578150
Conc: 14.31 ng/ml



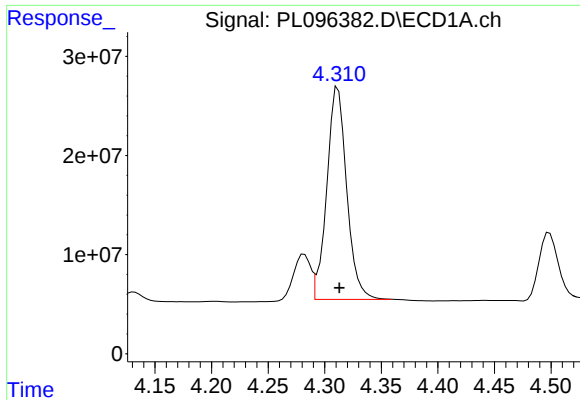
#2 alpha-BHC

R.T.: 3.984 min
Delta R.T.: 0.000 min
Response: 267770647
Conc: 52.06 ng/ml



#2 alpha-BHC

R.T.: 3.334 min
Delta R.T.: 0.000 min
Response: 357052845
Conc: 42.33 ng/ml



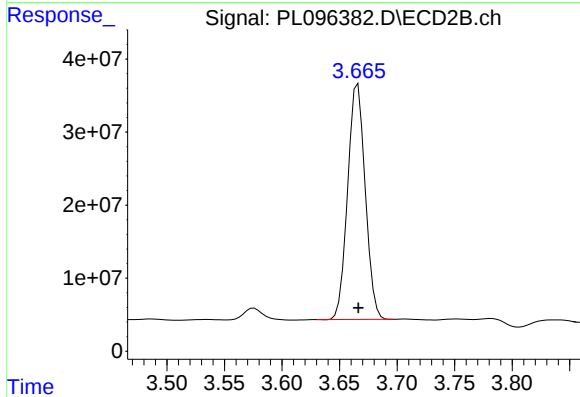
#3 gamma-BHC (Lindane)

R.T.: 4.310 min
Delta R.T.: -0.003 min
Response: 261102546
Conc: 52.43 ng/ml

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

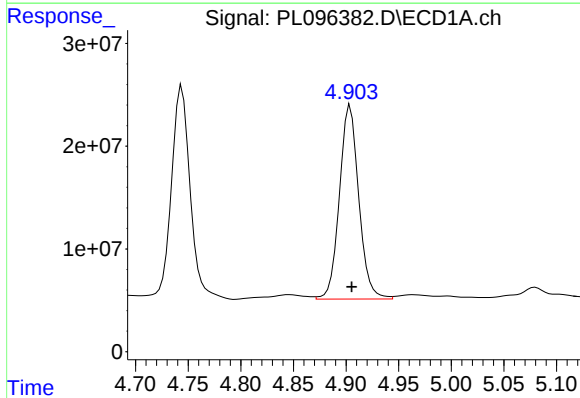
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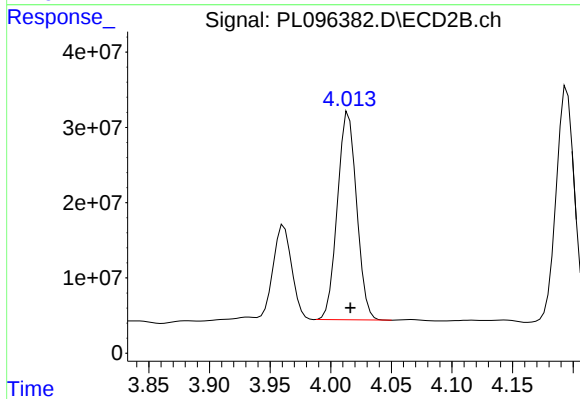
#3 gamma-BHC (Lindane)

R.T.: 3.666 min
Delta R.T.: 0.000 min
Response: 344622433
Conc: 43.76 ng/ml



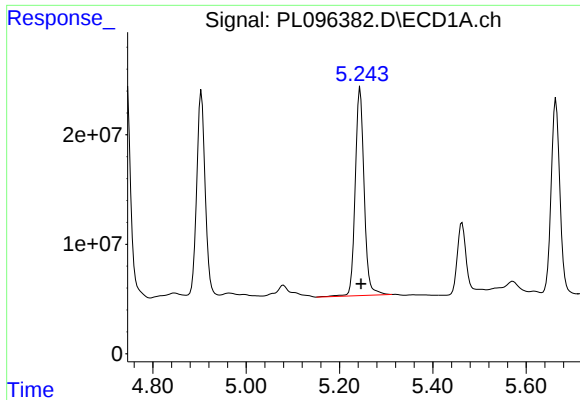
#4 Heptachlor

R.T.: 4.904 min
Delta R.T.: -0.001 min
Response: 242085485
Conc: 52.84 ng/ml



#4 Heptachlor

R.T.: 4.015 min
Delta R.T.: -0.001 min
Response: 304705175
Conc: 40.05 ng/ml



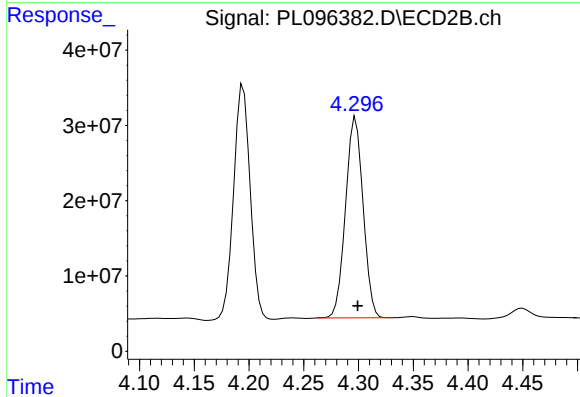
#5 Aldrin

R.T.: 5.244 min
Delta R.T.: -0.002 min
Response: 251826919
Conc: 52.10 ng/ml

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

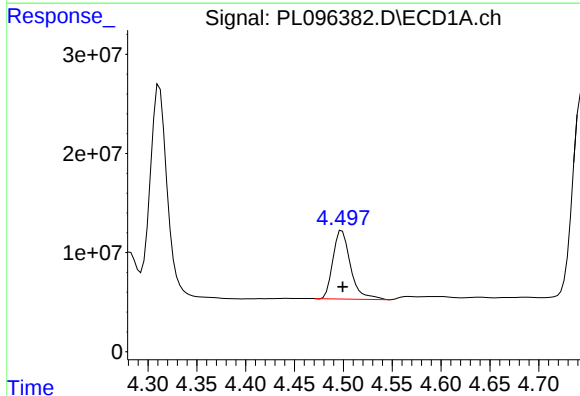
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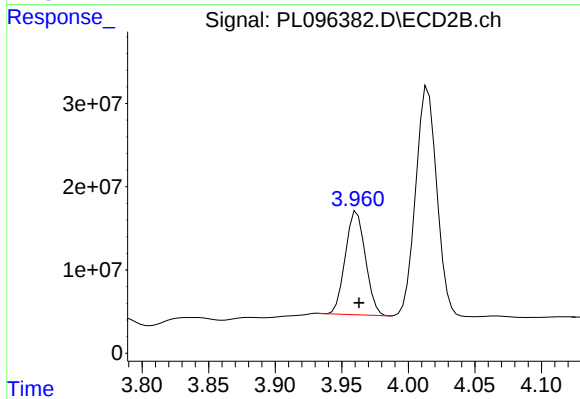
#5 Aldrin

R.T.: 4.298 min
Delta R.T.: -0.002 min
Response: 298281561
Conc: 40.89 ng/ml



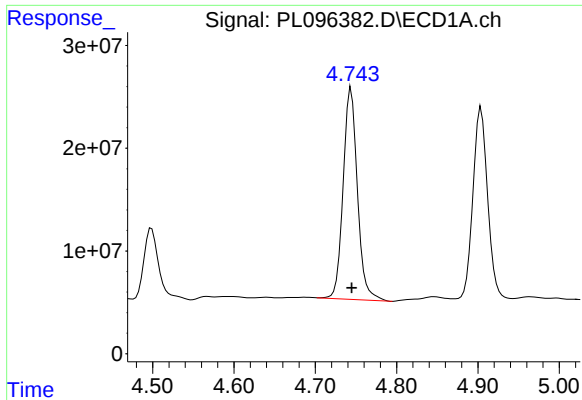
#6 beta-BHC

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 86615967
Conc: 41.67 ng/ml



#6 beta-BHC

R.T.: 3.961 min
Delta R.T.: -0.002 min
Response: 130397909
Conc: 38.08 ng/ml



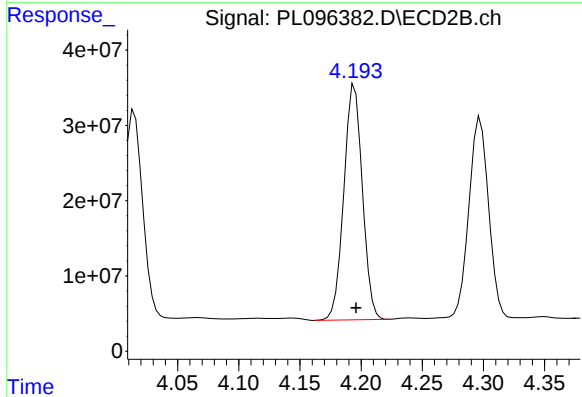
#7 delta-BHC

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 250436005
Conc: 55.88 ng/ml

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

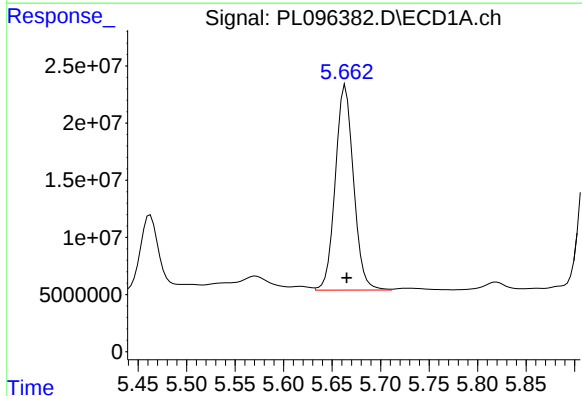
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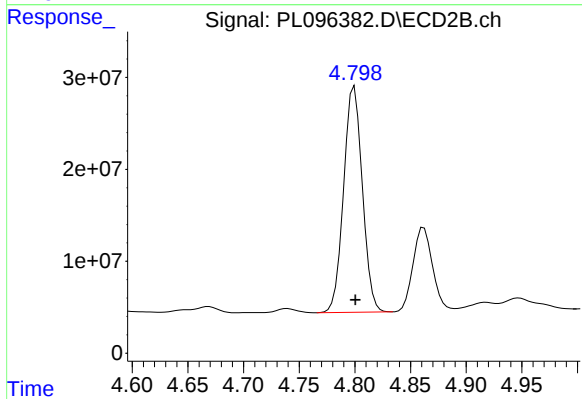
#7 delta-BHC

R.T.: 4.195 min
Delta R.T.: -0.001 min
Response: 329463082
Conc: 42.78 ng/ml



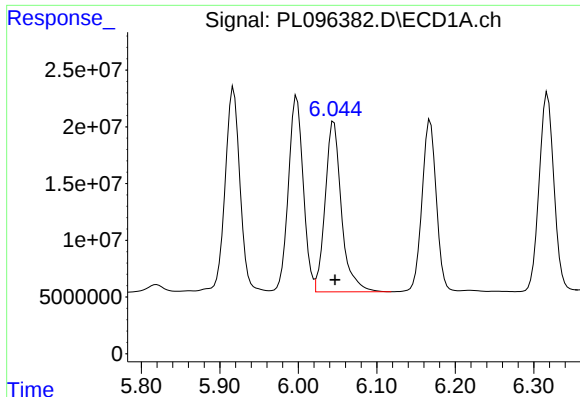
#8 Heptachlor epoxide

R.T.: 5.664 min
Delta R.T.: -0.001 min
Response: 234654907
Conc: 56.55 ng/ml



#8 Heptachlor epoxide

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 287808211
Conc: 43.05 ng/ml



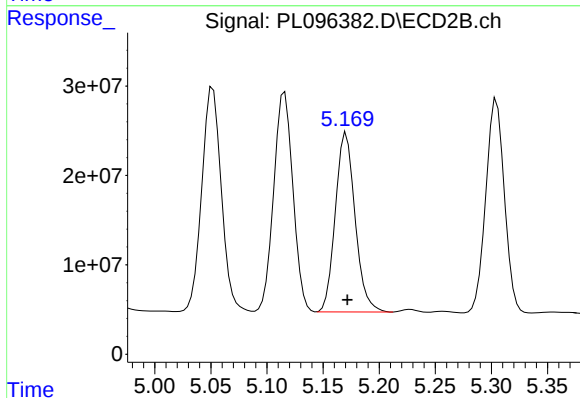
#9 Endosulfan I

R.T.: 6.045 min
Delta R.T.: -0.001 min
Response: 217268166
Conc: 53.82 ng/ml

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

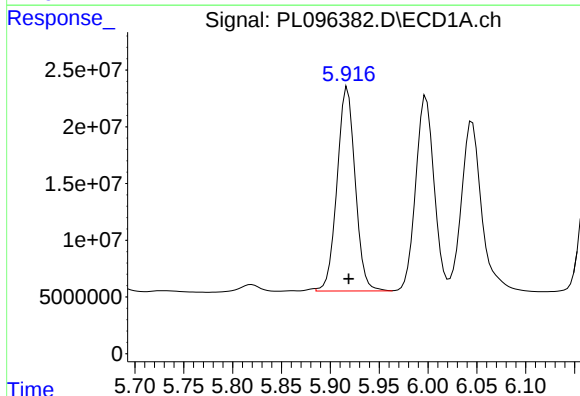
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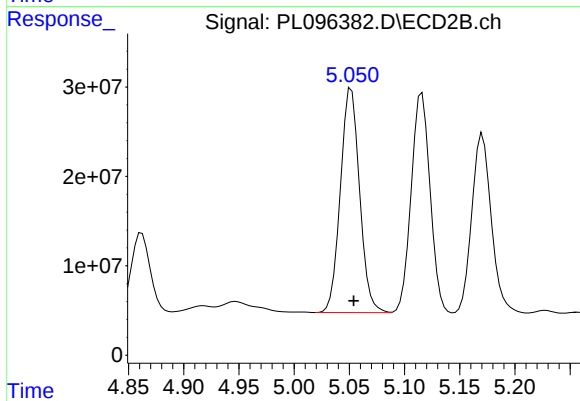
#9 Endosulfan I

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 245748601
Conc: 34.25 ng/ml



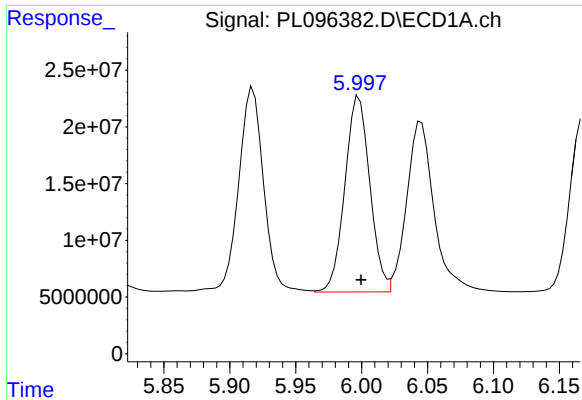
#10 gamma-Chlordane

R.T.: 5.916 min
Delta R.T.: -0.003 min
Response: 231806321
Conc: 52.39 ng/ml m



#10 gamma-Chlordane

R.T.: 5.052 min
Delta R.T.: -0.002 min
Response: 304081779
Conc: 43.32 ng/ml



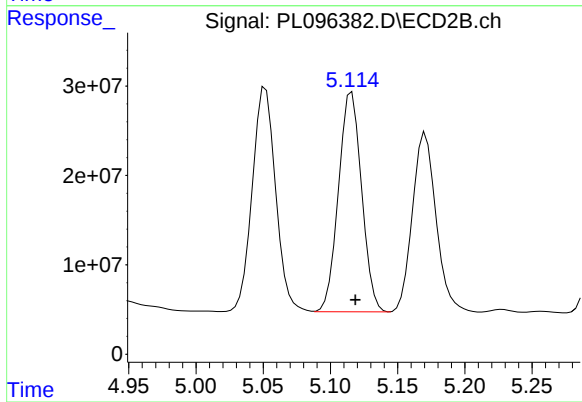
#11 alpha-Chlordane

R.T.: 5.998 min
Delta R.T.: -0.001 min
Response: 227416607
Conc: 51.94 ng/ml

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

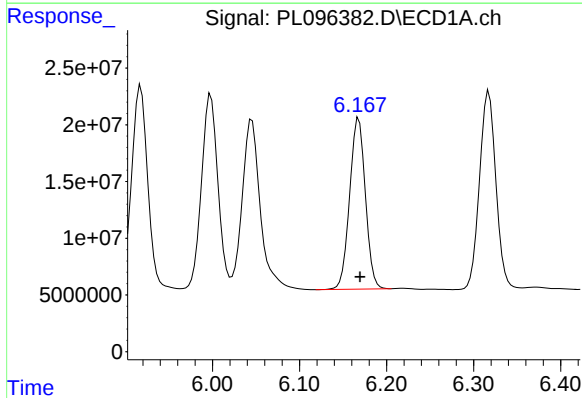
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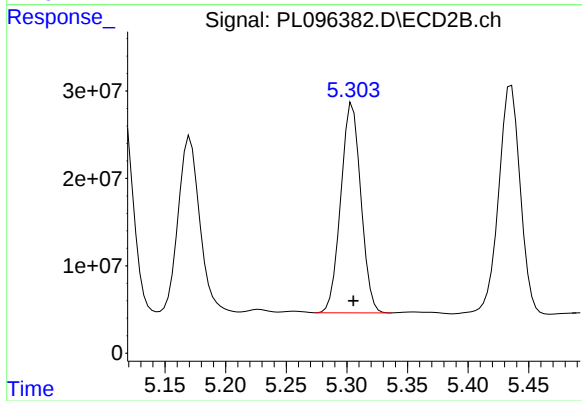
#11 alpha-Chlordane

R.T.: 5.116 min
Delta R.T.: -0.003 min
Response: 292963009
Conc: 38.96 ng/ml



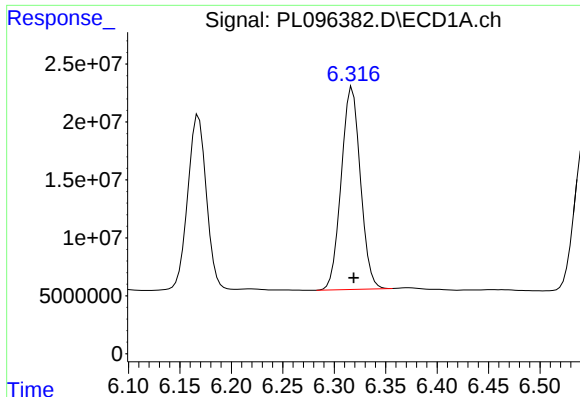
#12 4,4'-DDE

R.T.: 6.168 min
Delta R.T.: -0.002 min
Response: 189681464
Conc: 51.16 ng/ml



#12 4,4'-DDE

R.T.: 5.305 min
Delta R.T.: 0.000 min
Response: 276205407
Conc: 42.73 ng/ml



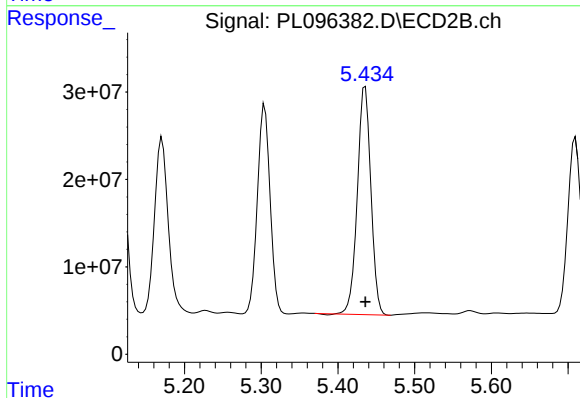
#13 Dieldrin

R.T.: 6.317 min
Delta R.T.: -0.002 min
Response: 226678028
Conc: 53.61 ng/ml

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

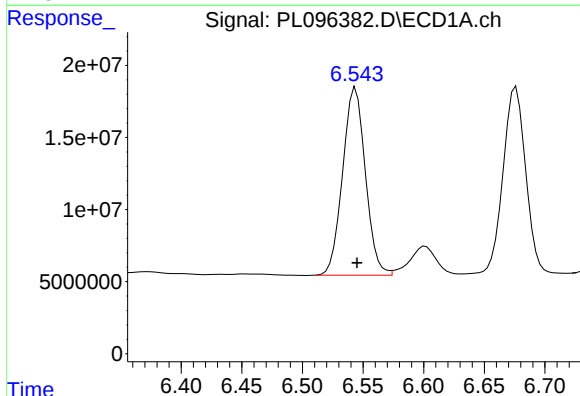
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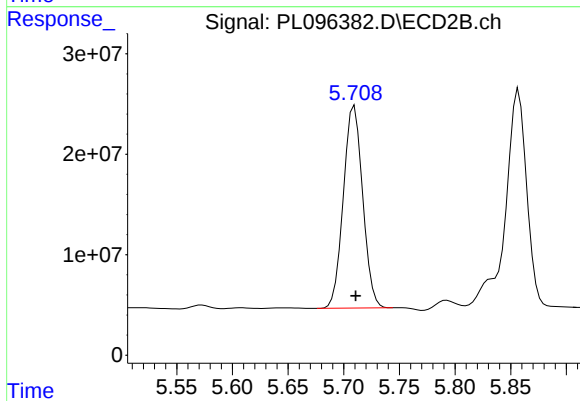
#13 Dieldrin

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 322482594
Conc: 47.29 ng/ml



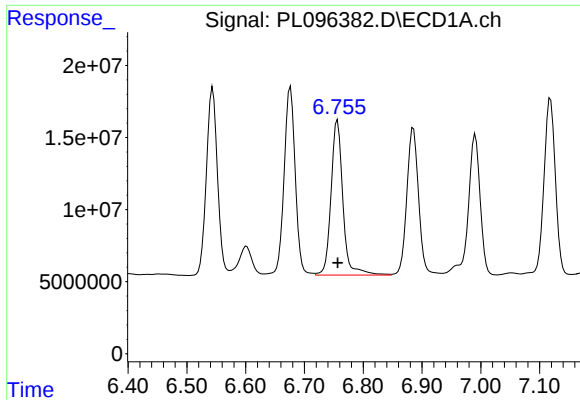
#14 Endrin

R.T.: 6.544 min
Delta R.T.: -0.001 min
Response: 169720383
Conc: 54.57 ng/ml



#14 Endrin

R.T.: 5.710 min
Delta R.T.: -0.001 min
Response: 243448522
Conc: 39.93 ng/ml



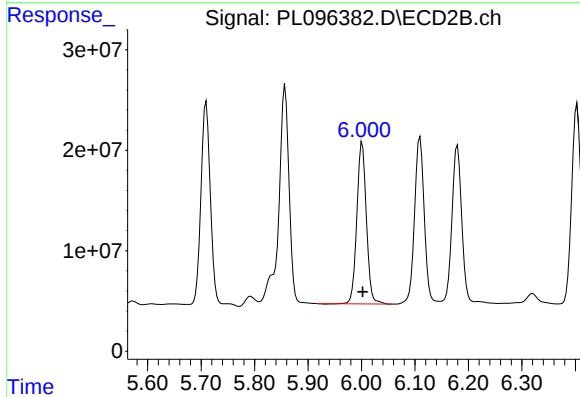
#15 Endosulfan II

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 151146120
Conc: 43.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
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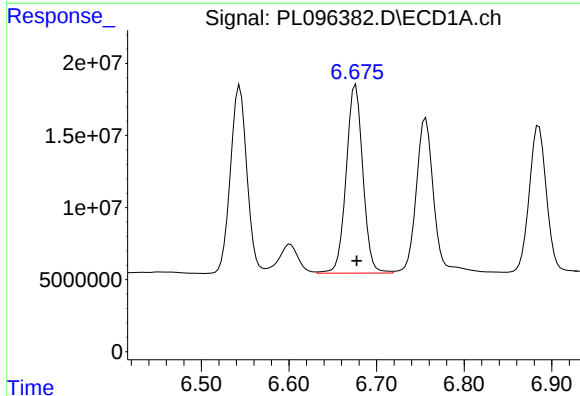
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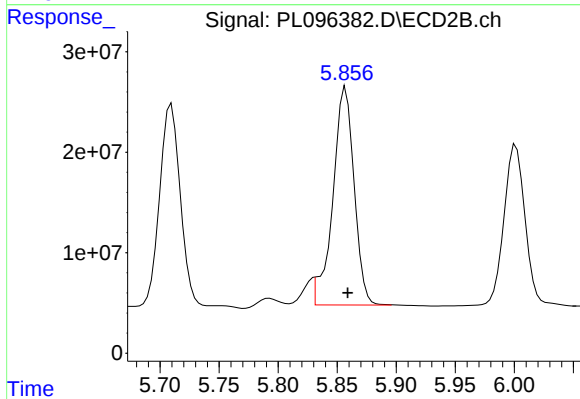
#15 Endosulfan II

R.T.: 6.001 min
Delta R.T.: -0.001 min
Response: 200262794
Conc: 34.15 ng/ml



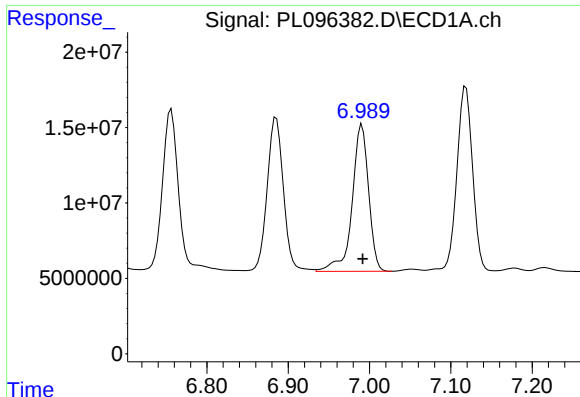
#16 4,4'-DDD

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 172933231
Conc: 59.39 ng/ml



#16 4,4'-DDD

R.T.: 5.856 min
Delta R.T.: -0.003 min
Response: 269585577
Conc: 52.56 ng/ml m



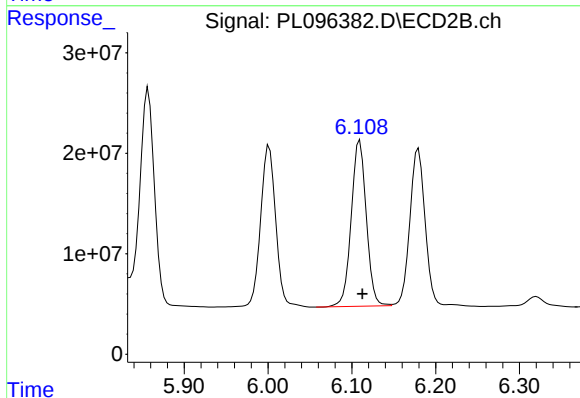
#17 4,4'-DDT

R.T.: 6.991 min
Delta R.T.: -0.001 min
Response: 136670192
Conc: 45.03 ng/ml

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

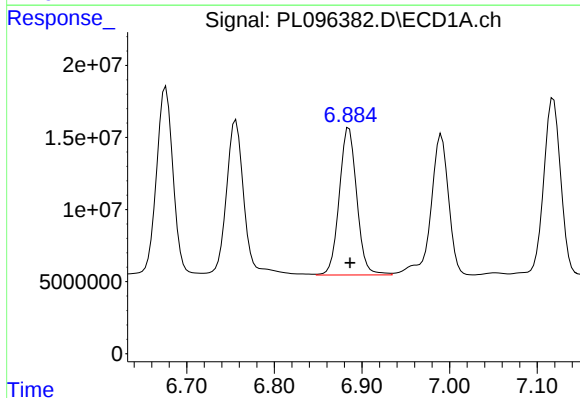
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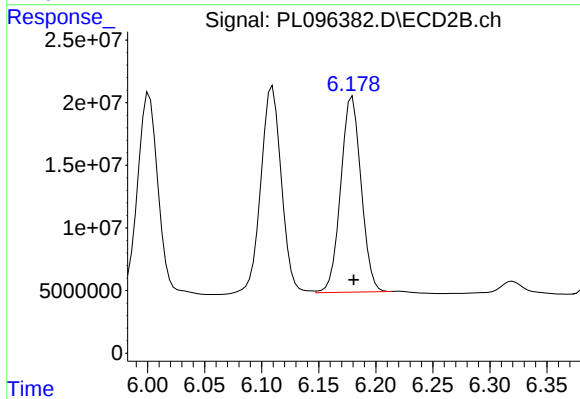
#17 4,4'-DDT

R.T.: 6.110 min
Delta R.T.: -0.003 min
Response: 207454377
Conc: 36.17 ng/ml



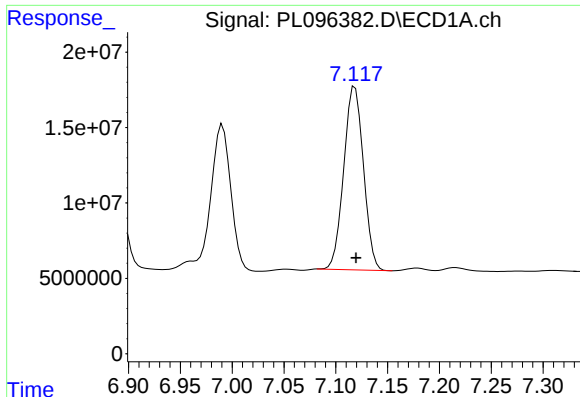
#18 Endrin aldehyde

R.T.: 6.885 min
Delta R.T.: -0.001 min
Response: 141949770
Conc: 63.50 ng/ml



#18 Endrin aldehyde

R.T.: 6.179 min
Delta R.T.: -0.001 min
Response: 194105682
Conc: 43.57 ng/ml



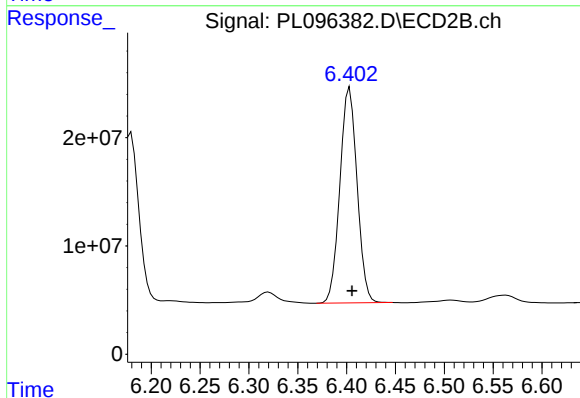
#19 Endosulfan Sulfate

R.T.: 7.119 min
Delta R.T.: -0.001 min
Response: 160872111
Conc: 52.59 ng/ml

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

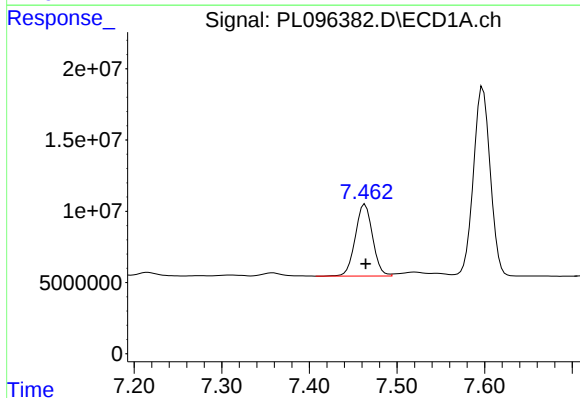
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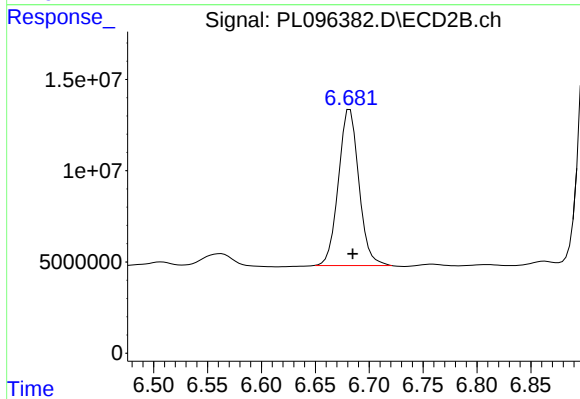
#19 Endosulfan Sulfate

R.T.: 6.403 min
Delta R.T.: -0.002 min
Response: 243964135
Conc: 43.38 ng/ml



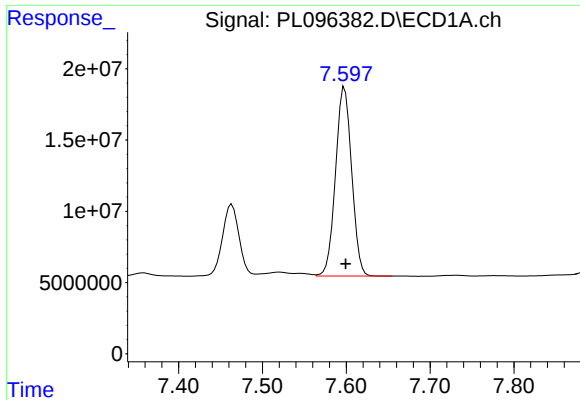
#20 Methoxychlor

R.T.: 7.463 min
Delta R.T.: -0.001 min
Response: 69248405
Conc: 43.96 ng/ml



#20 Methoxychlor

R.T.: 6.682 min
Delta R.T.: -0.003 min
Response: 112858792
Conc: 37.15 ng/ml



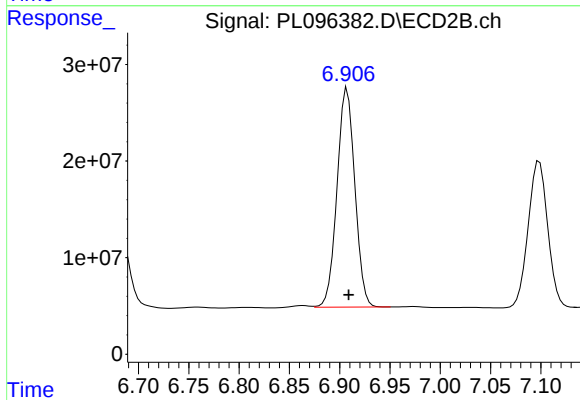
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: -0.001 min
Response: 177345767
Conc: 53.71 ng/ml

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

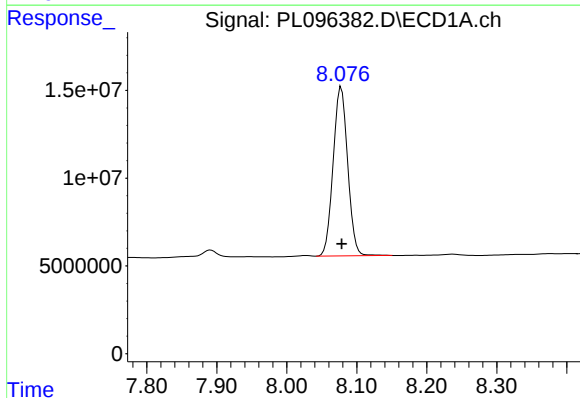
Manual Integrations
APPROVED

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



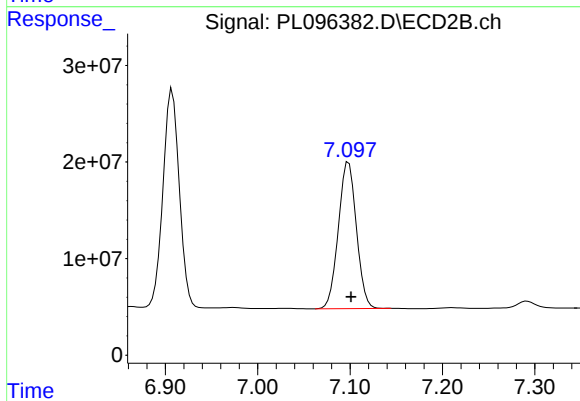
#21 Endrin ketone

R.T.: 6.907 min
Delta R.T.: -0.001 min
Response: 279449205
Conc: 44.70 ng/ml



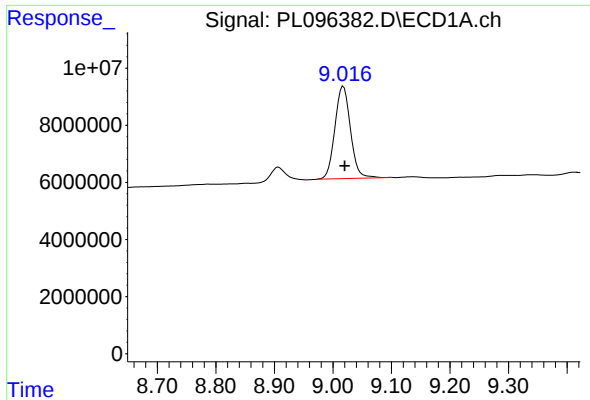
#22 Mirex

R.T.: 8.078 min
Delta R.T.: 0.000 min
Response: 138879191
Conc: 49.92 ng/ml



#22 Mirex

R.T.: 7.098 min
Delta R.T.: -0.003 min
Response: 206203672
Conc: 41.50 ng/ml



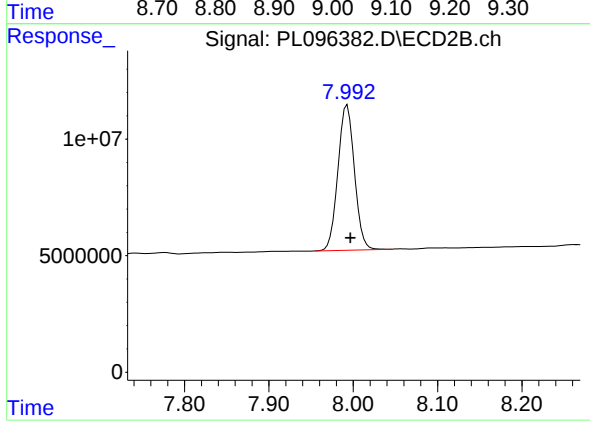
#28 Decachlorobiphenyl

R.T.: 9.018 min
Delta R.T.: -0.002 min
Response: 59864533
Conc: 21.28 ng/ml

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

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.993 min
Delta R.T.: -0.004 min
Response: 84865754
Conc: 17.02 ng/ml