

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081925\
 Data File : PL096910.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 19:58
 Operator : AR\AJ
 Sample : Q2892-08MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 3-FLOOR-NORTH-DMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/20/2025
 Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 01:39:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 08 15:43:38 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...	3.529	2.825	55716333	80926283	17.517m	16.938
28)	SA Decachlor...	9.004	7.986	39166336	69412242	16.424	16.000
Target Compounds							
2)	A alpha-BHC	3.978	3.331	246.8E6	365.4E6	53.342	51.635
3)	MA gamma-BHC...	4.304	3.662	235.4E6	338.9E6	53.214m	51.329
4)	MA Heptachlor	4.896	4.011	234.1E6	335.9E6	56.325	50.413
5)	MB Aldrin	5.235	4.293	228.8E6	320.7E6	53.191	51.669
6)	B beta-BHC	4.490	3.959	100.4E6	145.5E6	55.637m	51.577
7)	B delta-BHC	4.738	4.191	179.5E6	270.7E6	44.981	41.814
8)	B Heptachlo...	5.655	4.795	214.6E6	293.8E6	55.651	51.438
9)	A Endosulfan I	6.037	5.166	190.0E6	274.9E6	52.839	49.690
10)	B gamma-Chl...	5.908	5.047	210.9E6	305.3E6	55.429	51.924
11)	B alpha-Chl...	5.987	5.111	203.5E6	302.2E6	52.797m	51.231
12)	B 4,4'-DDE	6.159	5.300	175.5E6	288.3E6	54.655	52.281
13)	MA Dieldrin	6.309	5.430	192.5E6	310.7E6	51.865	52.597
14)	MA Endrin	6.534	5.705	163.9E6	272.0E6	54.135m	50.323
15)	B Endosulfa...	6.748	5.997	169.6E6	252.2E6	52.970	49.105
16)	A 4,4'-DDD	6.668	5.852	140.7E6	233.9E6	55.632	49.701
17)	MA 4,4'-DDT	6.982	6.104	145.6E6	241.7E6	50.786	47.785
18)	B Endrin al...	6.877	6.175	97982109	149.9E6	45.660	41.247
19)	B Endosulfa...	7.110	6.398	130.7E6	231.8E6	45.466	45.566
20)	A Methoxychlor	7.453	6.675	70222598	131.7E6	47.824m	48.063m
21)	B Endrin ke...	7.589	6.902	147.3E6	270.8E6	48.999	48.622
22)	Mirex	8.066	7.092	123.8E6	218.4E6	49.920m	50.077

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

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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 19:58
Operator : AR\AJ
Sample : Q2892-08MS
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ALS Vial : 26 Sample Multiplier: 1

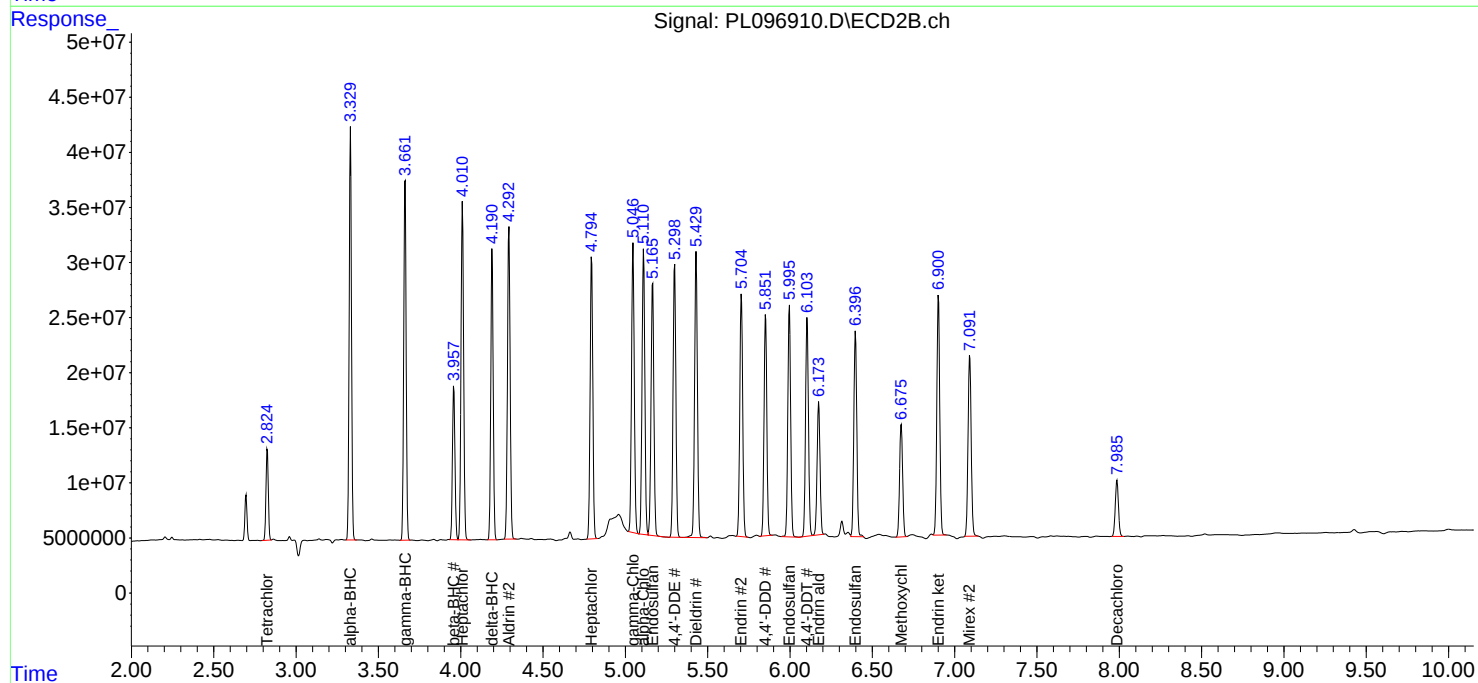
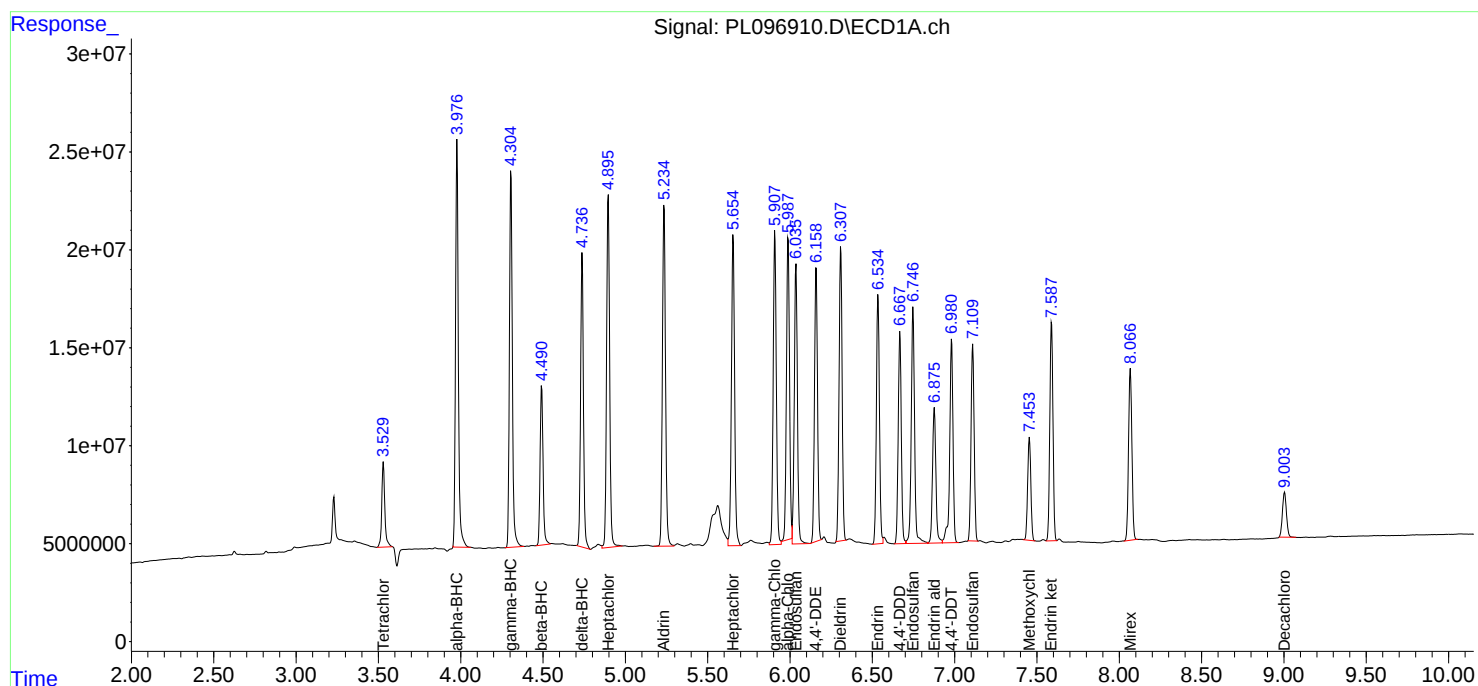
Instrument :
ECD_L
ClientSampleId :
3-FLOOR-NORTH-DMS

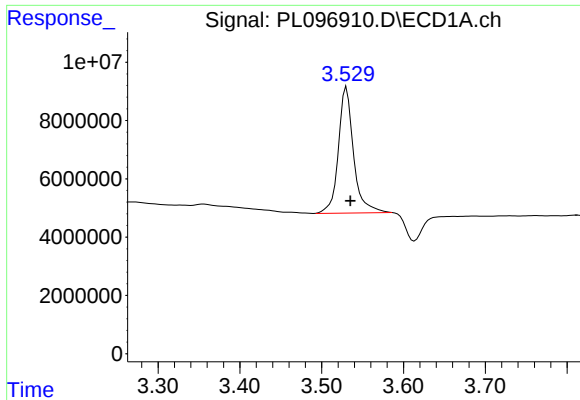
Manual Integrations
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Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 01:39:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
Quant Title : GC Extractables
QLast Update : Fri Aug 08 15:43:38 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





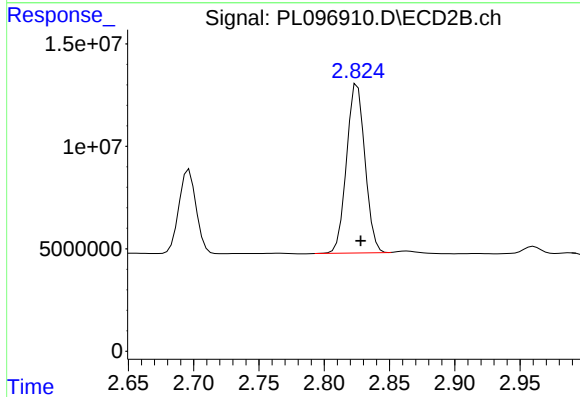
#1 Tetrachloro-m-xylene

R.T.: 3.529 min
Delta R.T.: -0.006 min
Response: 55716333
Conc: 17.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
3-FLOOR-NORTH-DMS

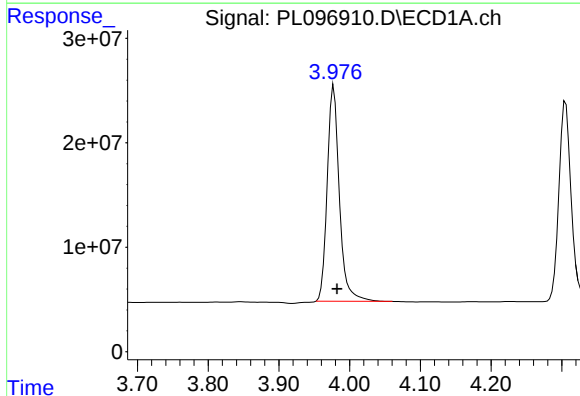
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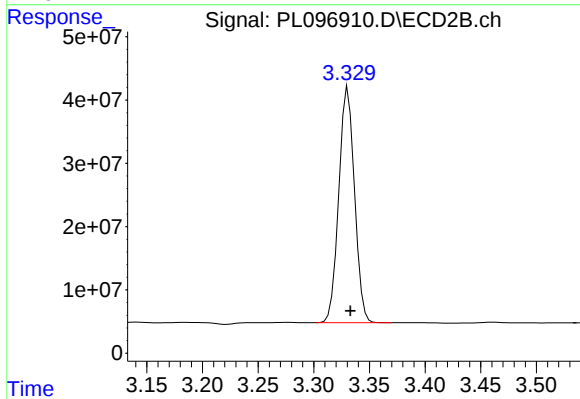
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: -0.003 min
Response: 80926283
Conc: 16.94 ng/ml



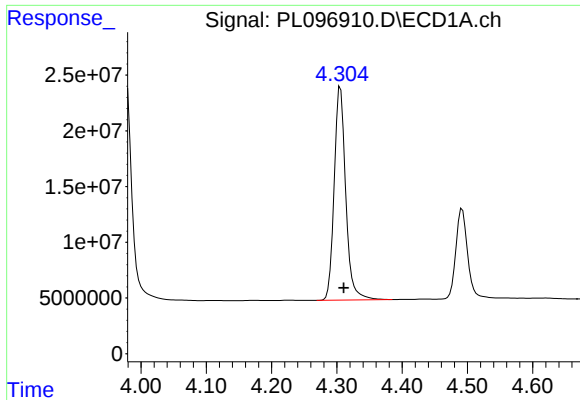
#2 alpha-BHC

R.T.: 3.978 min
Delta R.T.: -0.004 min
Response: 246779792
Conc: 53.34 ng/ml



#2 alpha-BHC

R.T.: 3.331 min
Delta R.T.: -0.002 min
Response: 365422131
Conc: 51.63 ng/ml



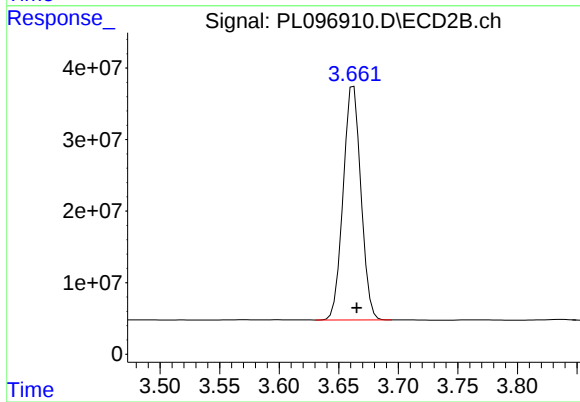
#3 gamma-BHC (Lindane)

R.T.: 4.304 min
Delta R.T.: -0.006 min
Response: 235389379
Conc: 53.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
3-FLOOR-NORTH-DMS

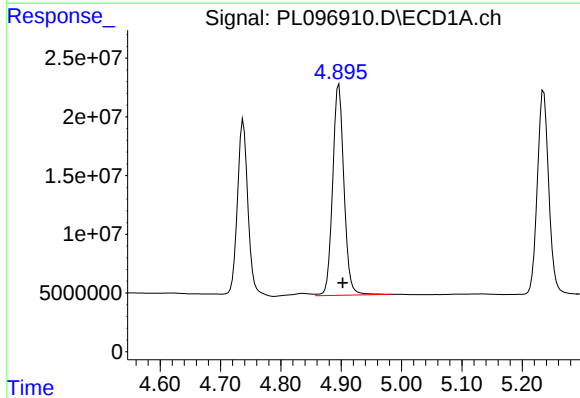
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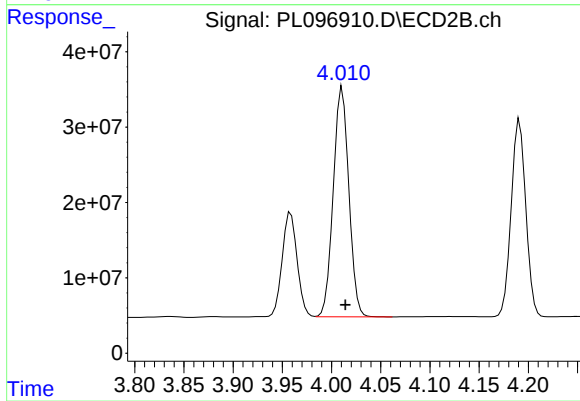
#3 gamma-BHC (Lindane)

R.T.: 3.662 min
Delta R.T.: -0.003 min
Response: 338945230
Conc: 51.33 ng/ml



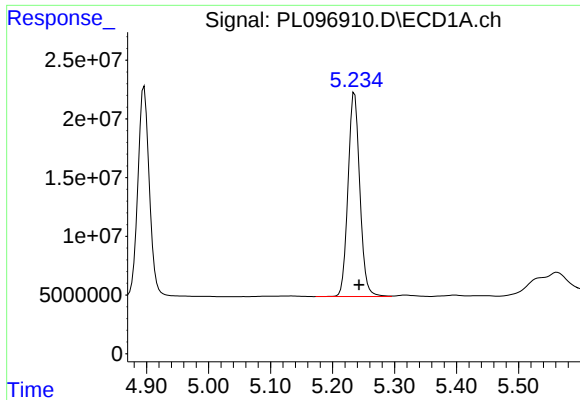
#4 Heptachlor

R.T.: 4.896 min
Delta R.T.: -0.006 min
Response: 234070131
Conc: 56.33 ng/ml



#4 Heptachlor

R.T.: 4.011 min
Delta R.T.: -0.003 min
Response: 335850823
Conc: 50.41 ng/ml



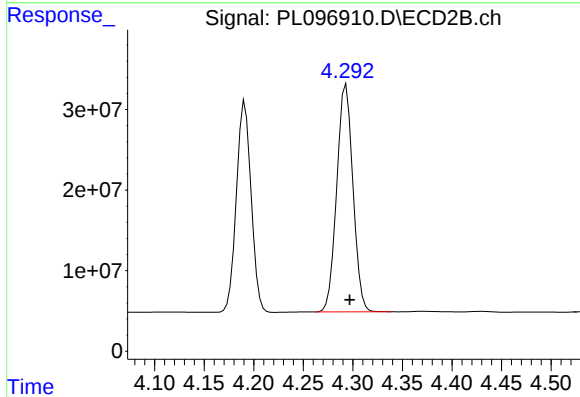
#5 Aldrin

R.T.: 5.235 min
Delta R.T.: -0.007 min
Response: 228774567
Conc: 53.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
3-FLOOR-NORTH-DMS

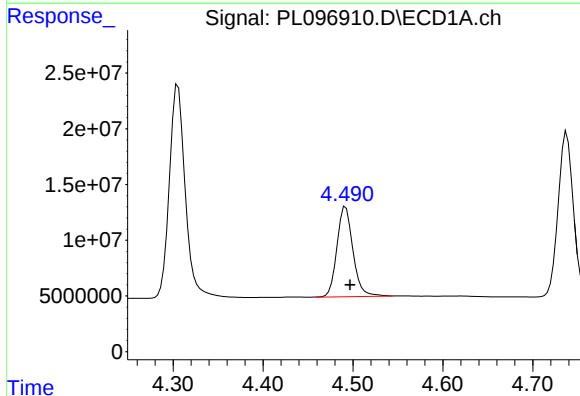
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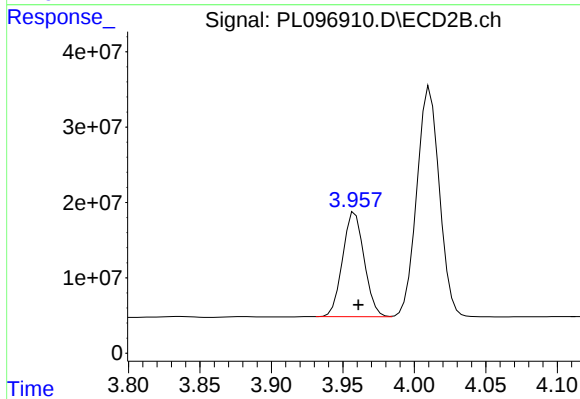
#5 Aldrin

R.T.: 4.293 min
Delta R.T.: -0.004 min
Response: 320712004
Conc: 51.67 ng/ml



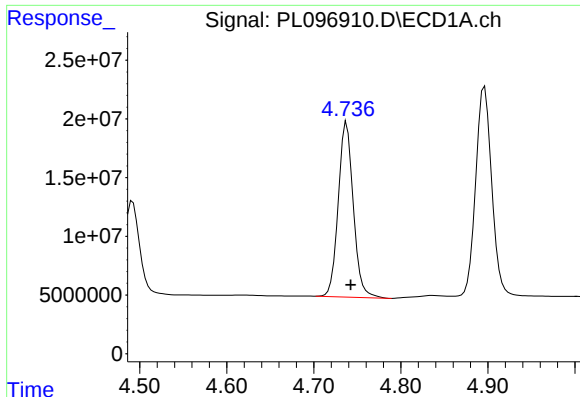
#6 beta-BHC

R.T.: 4.490 min
Delta R.T.: -0.007 min
Response: 100423534
Conc: 55.64 ng/ml m



#6 beta-BHC

R.T.: 3.959 min
Delta R.T.: -0.002 min
Response: 145492150
Conc: 51.58 ng/ml



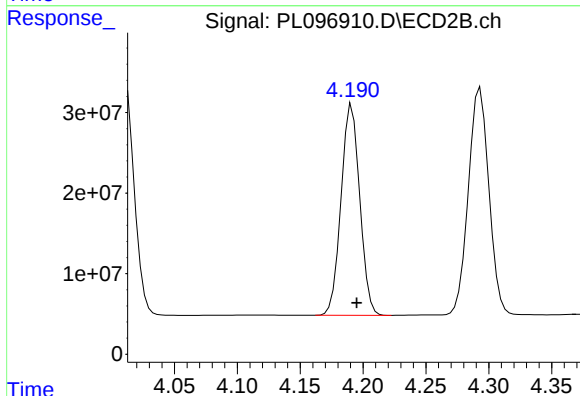
#7 delta-BHC

R.T.: 4.738 min
Delta R.T.: -0.005 min
Response: 179465988
Conc: 44.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
3-FLOOR-NORTH-DMS

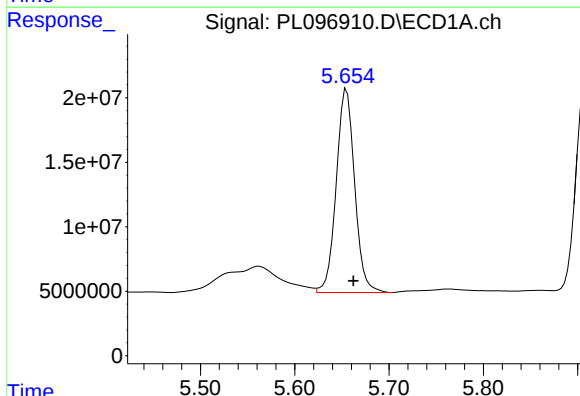
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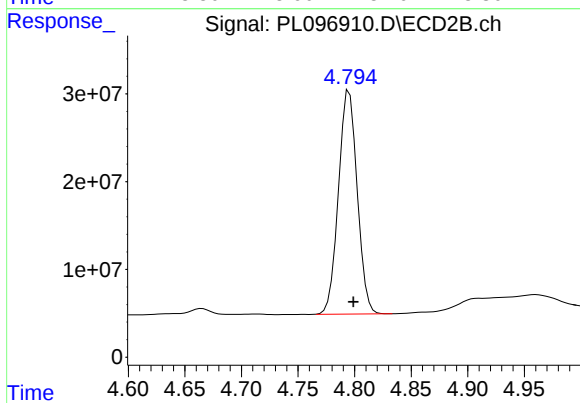
#7 delta-BHC

R.T.: 4.191 min
Delta R.T.: -0.004 min
Response: 270690838
Conc: 41.81 ng/ml



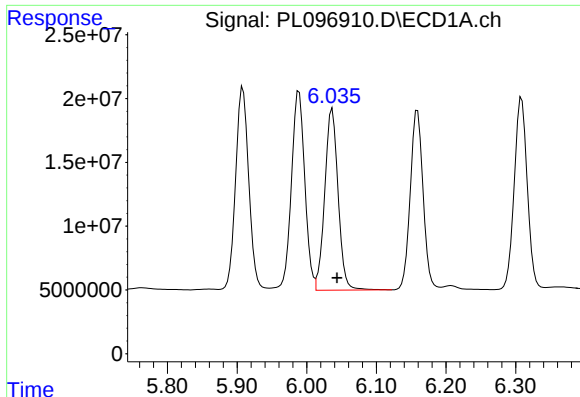
#8 Heptachlor epoxide

R.T.: 5.655 min
Delta R.T.: -0.007 min
Response: 214622214
Conc: 55.65 ng/ml



#8 Heptachlor epoxide

R.T.: 4.795 min
Delta R.T.: -0.004 min
Response: 293782497
Conc: 51.44 ng/ml



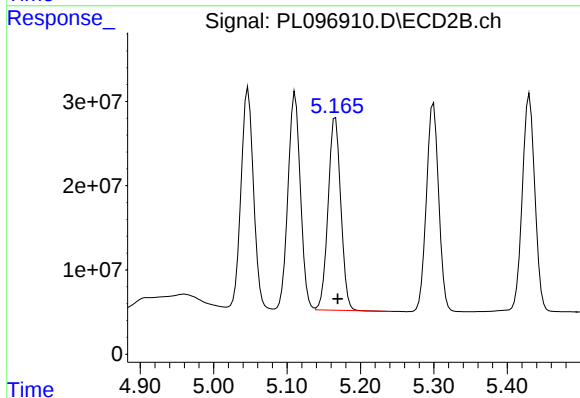
#9 Endosulfan I

R.T.: 6.037 min
Delta R.T.: -0.007 min
Response: 190029153
Conc: 52.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
3-FLOOR-NORTH-DMS

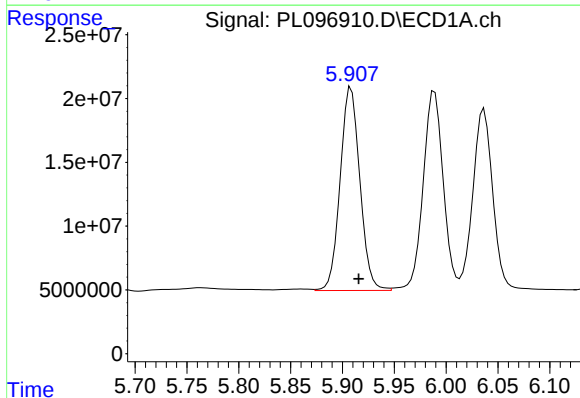
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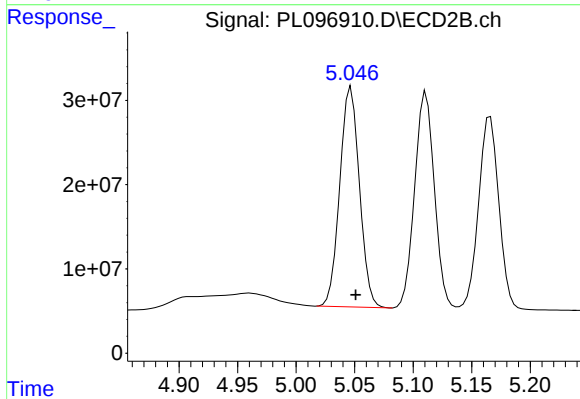
#9 Endosulfan I

R.T.: 5.166 min
Delta R.T.: -0.003 min
Response: 274853708
Conc: 49.69 ng/ml



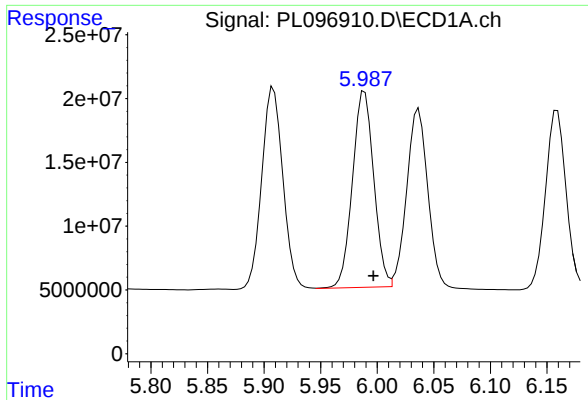
#10 gamma-Chlordane

R.T.: 5.908 min
Delta R.T.: -0.008 min
Response: 210921908
Conc: 55.43 ng/ml



#10 gamma-Chlordane

R.T.: 5.047 min
Delta R.T.: -0.004 min
Response: 305320443
Conc: 51.92 ng/ml



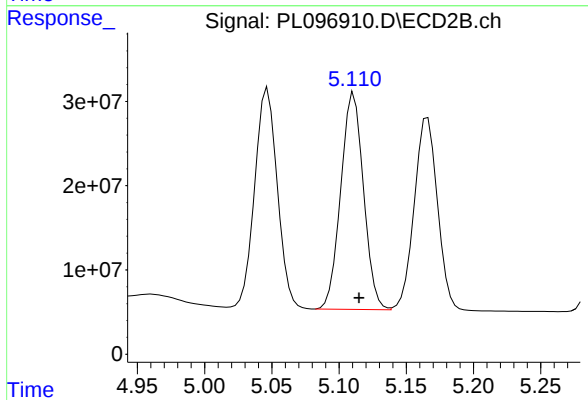
#11 alpha-Chlordane

R.T.: 5.987 min
Delta R.T.: -0.009 min
Response: 203514492
Conc: 52.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
3-FLOOR-NORTH-DMS

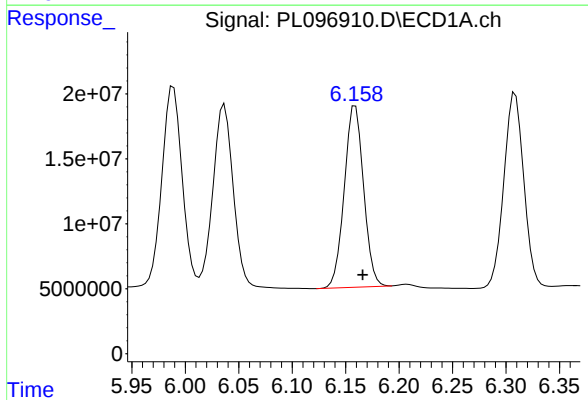
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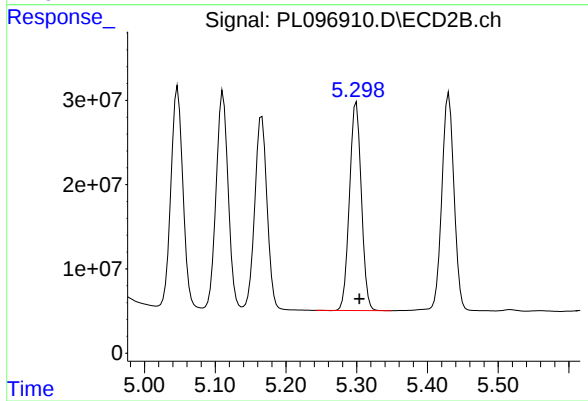
#11 alpha-Chlordane

R.T.: 5.111 min
Delta R.T.: -0.004 min
Response: 302206907
Conc: 51.23 ng/ml



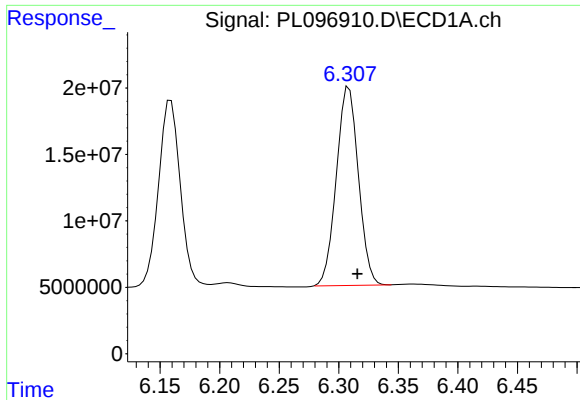
#12 4,4'-DDE

R.T.: 6.159 min
Delta R.T.: -0.007 min
Response: 175511915
Conc: 54.66 ng/ml



#12 4,4'-DDE

R.T.: 5.300 min
Delta R.T.: -0.004 min
Response: 288301524
Conc: 52.28 ng/ml



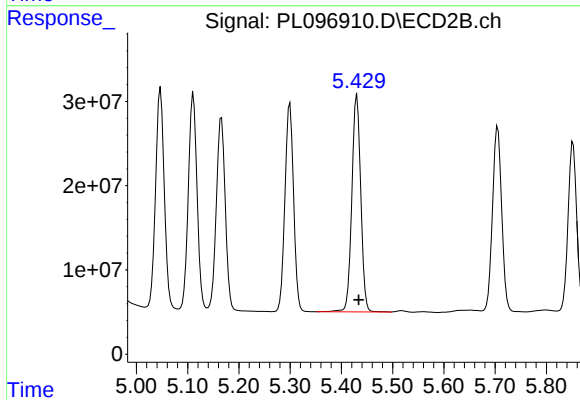
#13 Dieldrin

R.T.: 6.309 min
Delta R.T.: -0.007 min
Response: 192477623
Conc: 51.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
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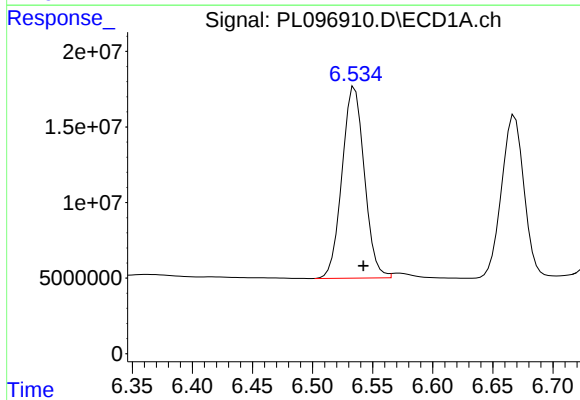
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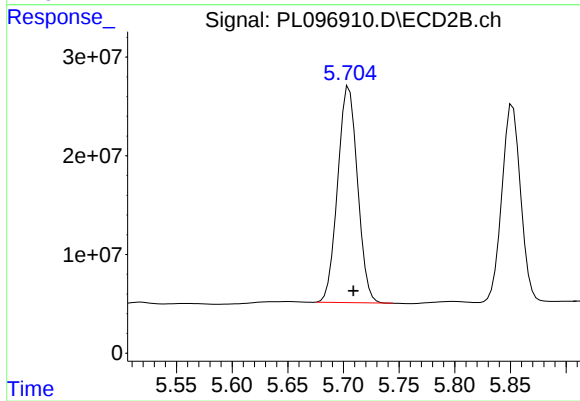
#13 Dieldrin

R.T.: 5.430 min
Delta R.T.: -0.004 min
Response: 310668171
Conc: 52.60 ng/ml



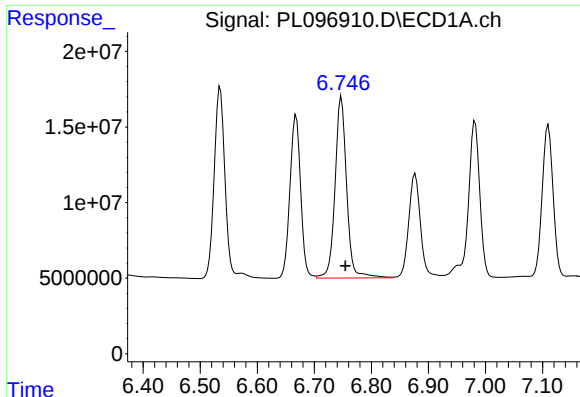
#14 Endrin

R.T.: 6.534 min
Delta R.T.: -0.009 min
Response: 163856133
Conc: 54.14 ng/ml m



#14 Endrin

R.T.: 5.705 min
Delta R.T.: -0.004 min
Response: 272044198
Conc: 50.32 ng/ml



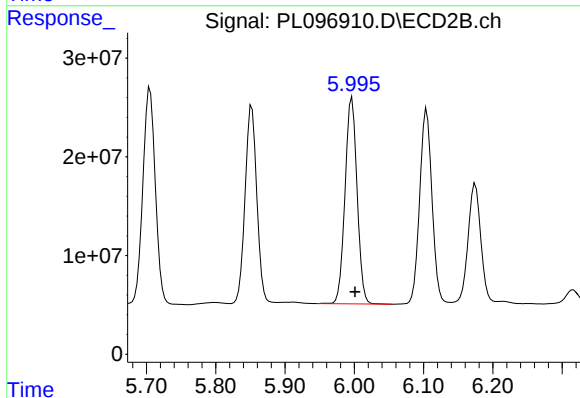
#15 Endosulfan II

R.T.: 6.748 min
Delta R.T.: -0.007 min
Response: 169644326
Conc: 52.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
3-FLOOR-NORTH-DMS

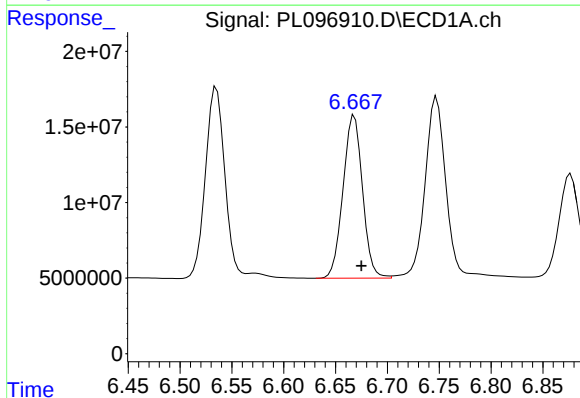
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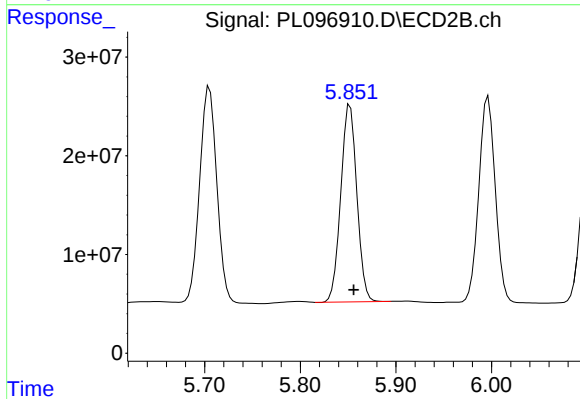
#15 Endosulfan II

R.T.: 5.997 min
Delta R.T.: -0.004 min
Response: 252214056
Conc: 49.10 ng/ml



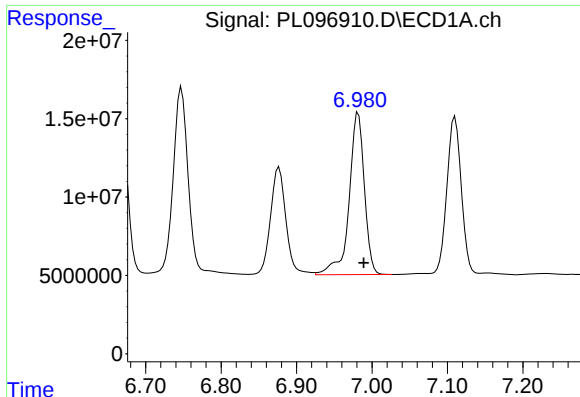
#16 4,4'-DDD

R.T.: 6.668 min
Delta R.T.: -0.007 min
Response: 140658809
Conc: 55.63 ng/ml



#16 4,4'-DDD

R.T.: 5.852 min
Delta R.T.: -0.004 min
Response: 233857562
Conc: 49.70 ng/ml



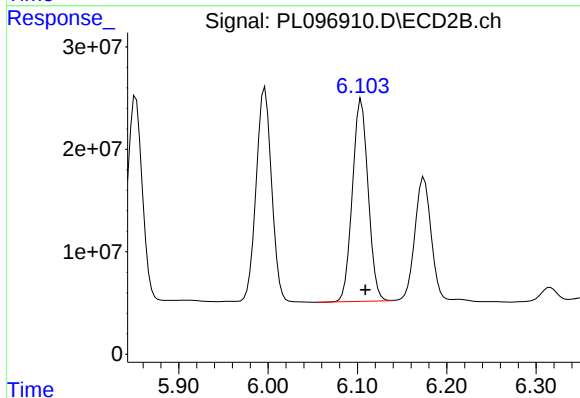
#17 4,4'-DDT

R.T.: 6.982 min
Delta R.T.: -0.007 min
Response: 145637373
Conc: 50.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
3-FLOOR-NORTH-DMS

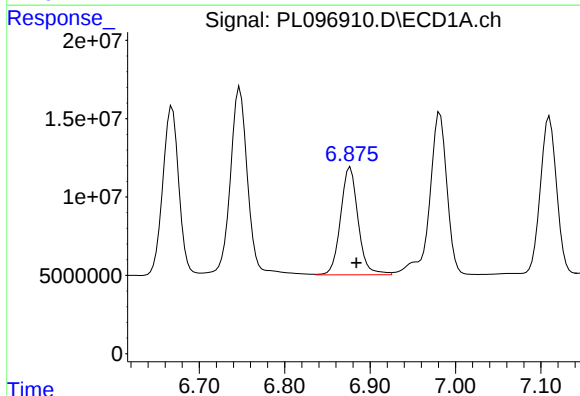
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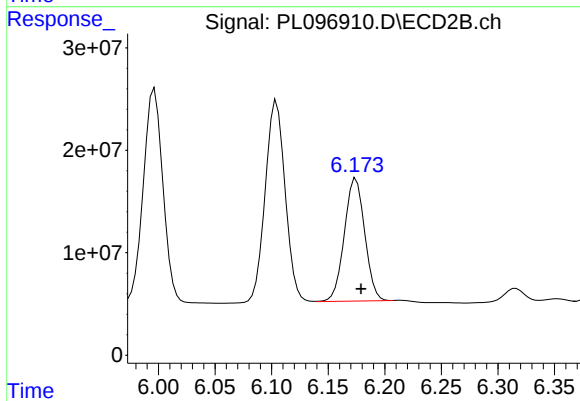
#17 4,4'-DDT

R.T.: 6.104 min
Delta R.T.: -0.005 min
Response: 241710232
Conc: 47.78 ng/ml



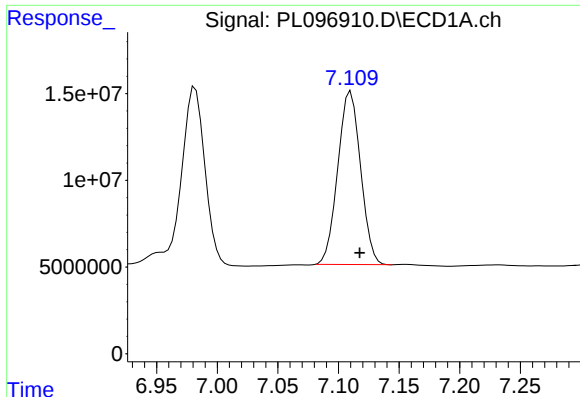
#18 Endrin aldehyde

R.T.: 6.877 min
Delta R.T.: -0.007 min
Response: 97982109
Conc: 45.66 ng/ml



#18 Endrin aldehyde

R.T.: 6.175 min
Delta R.T.: -0.004 min
Response: 149935470
Conc: 41.25 ng/ml



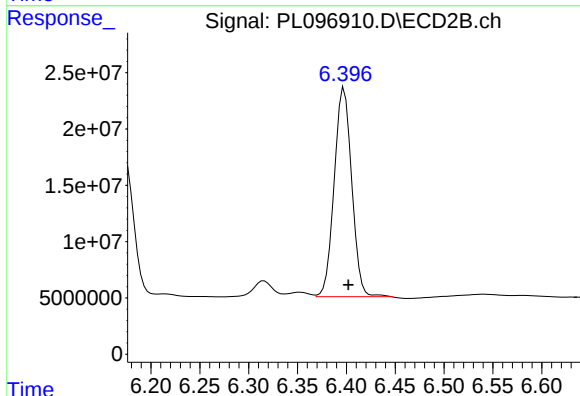
#19 Endosulfan Sulfate

R.T.: 7.110 min
Delta R.T.: -0.007 min
Response: 130656287
Conc: 45.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
3-FLOOR-NORTH-DMS

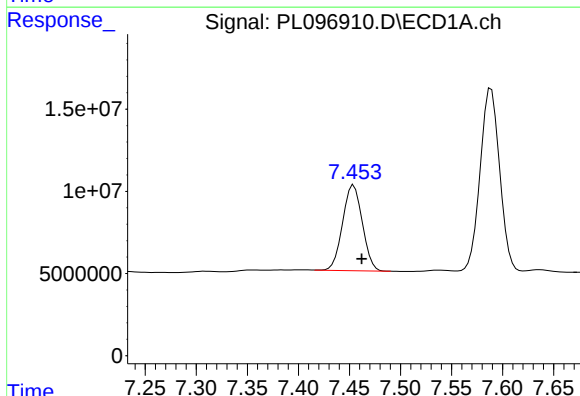
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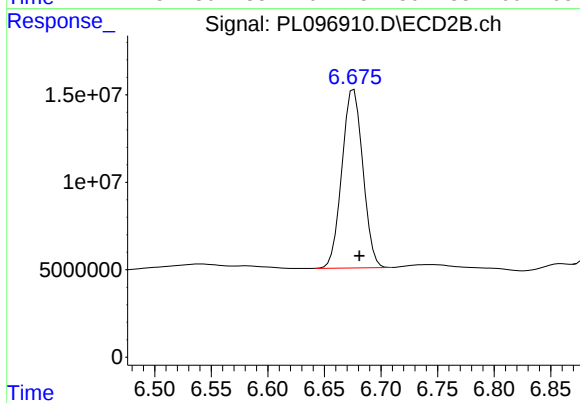
#19 Endosulfan Sulfate

R.T.: 6.398 min
Delta R.T.: -0.004 min
Response: 231760375
Conc: 45.57 ng/ml



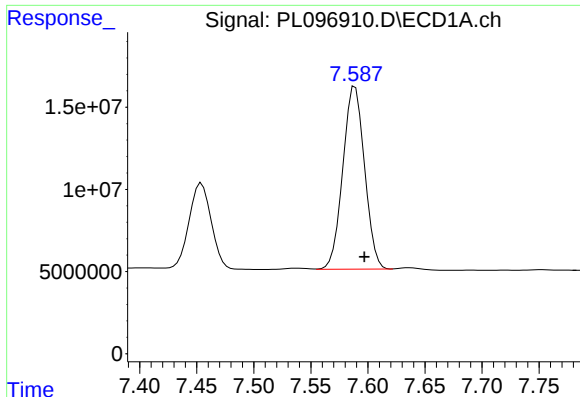
#20 Methoxychlor

R.T.: 7.453 min
Delta R.T.: -0.009 min
Response: 70222598
Conc: 47.82 ng/ml m



#20 Methoxychlor

R.T.: 6.675 min
Delta R.T.: -0.006 min
Response: 131715594
Conc: 48.06 ng/ml m



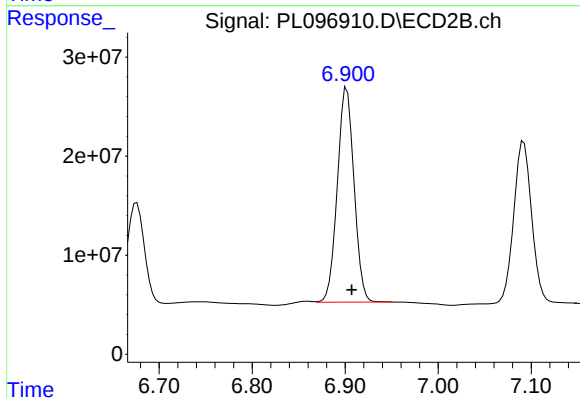
#21 Endrin ketone

R.T.: 7.589 min
Delta R.T.: -0.008 min
Response: 147325952
Conc: 49.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
3-FLOOR-NORTH-DMS

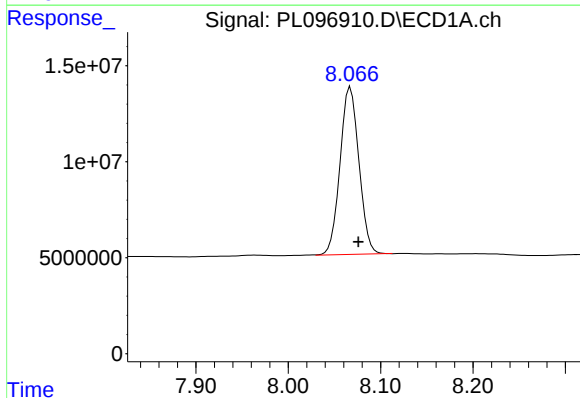
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



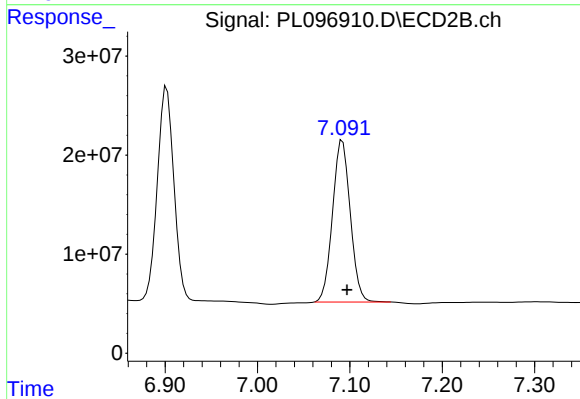
#21 Endrin ketone

R.T.: 6.902 min
Delta R.T.: -0.005 min
Response: 270811323
Conc: 48.62 ng/ml



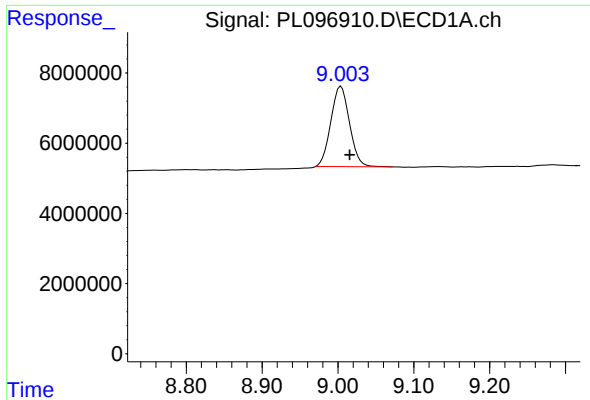
#22 Mirex

R.T.: 8.066 min
Delta R.T.: -0.010 min
Response: 123768067
Conc: 49.92 ng/ml m



#22 Mirex

R.T.: 7.092 min
Delta R.T.: -0.005 min
Response: 218377867
Conc: 50.08 ng/ml



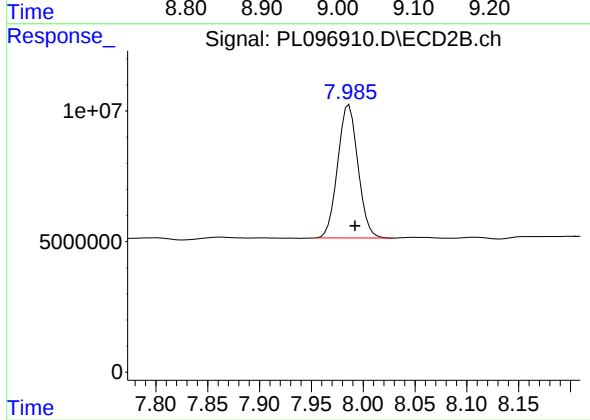
#28 Decachlorobiphenyl

R.T.: 9.004 min
Delta R.T.: -0.011 min
Response: 39166336
Conc: 16.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
3-FLOOR-NORTH-DMS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/20/2025
Supervised By :mohammad ahmed 08/21/2025



#28 Decachlorobiphenyl

R.T.: 7.986 min
Delta R.T.: -0.006 min
Response: 69412242
Conc: 16.00 ng/ml