

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081925\
 Data File : PL096911.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 20:11
 Operator : AR\AJ
 Sample : Q2892-08MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

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

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 01:40:06 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	56039759	82034861	17.618m	17.170
28)	SA Decachlor...	9.003	7.986	40139080	69739561	16.832m	16.075
Target Compounds							
2)	A alpha-BHC	3.977	3.330	248.7E6	369.6E6	53.757	52.226
3)	MA gamma-BHC...	4.304	3.662	237.2E6	342.7E6	53.615m	51.892
4)	MA Heptachlor	4.896	4.010	232.9E6	338.7E6	56.035	50.843
5)	MB Aldrin	5.236	4.293	229.1E6	322.9E6	53.265	52.021
6)	B beta-BHC	4.490	3.958	99994769	146.7E6	55.400m	52.002
7)	B delta-BHC	4.738	4.191	178.7E6	273.0E6	44.797	42.169
8)	B Heptachlo...	5.655	4.795	211.3E6	296.0E6	54.777	51.826
9)	A Endosulfan I	6.037	5.166	188.6E6	274.5E6	52.434	49.631
10)	B gamma-Chl...	5.909	5.046	208.7E6	307.8E6	54.855	52.345
11)	B alpha-Chl...	5.989	5.111	206.7E6	303.8E6	53.625	51.507
12)	B 4,4'-DDE	6.160	5.299	175.6E6	290.6E6	54.683	52.692
13)	MA Dieldrin	6.307	5.430	196.3E6	309.5E6	52.885m	52.401
14)	MA Endrin	6.534	5.704	162.5E6	273.2E6	53.686m	50.533
15)	B Endosulfa...	6.748	5.996	168.4E6	254.1E6	52.597	49.464
16)	A 4,4'-DDD	6.667	5.852	140.7E6	236.3E6	55.654	50.213
17)	MA 4,4'-DDT	6.982	6.104	144.5E6	246.2E6	50.383	48.677
18)	B Endrin al...	6.877	6.174	98021204	151.5E6	45.678	41.668
19)	B Endosulfa...	7.110	6.397	131.4E6	226.1E6	45.709	44.447
20)	A Methoxychlor	7.453	6.675	70711003	131.7E6	48.157m	48.067m
21)	B Endrin ke...	7.589	6.900	147.2E6	271.7E6	48.966	48.778m
22)	Mirex	8.066	7.091	124.8E6	218.8E6	50.332m	50.178

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

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Acq On : 19 Aug 2025 20:11
Operator : AR\AJ
Sample : Q2892-08MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

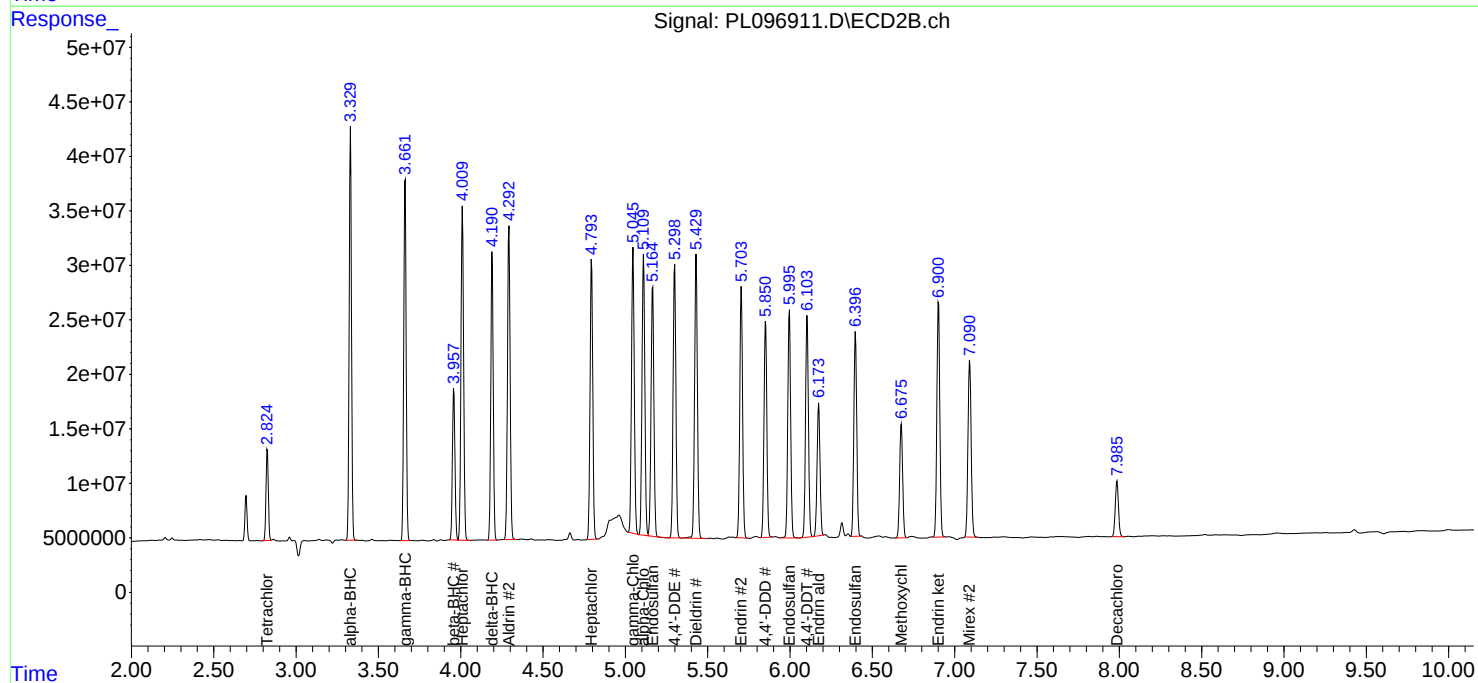
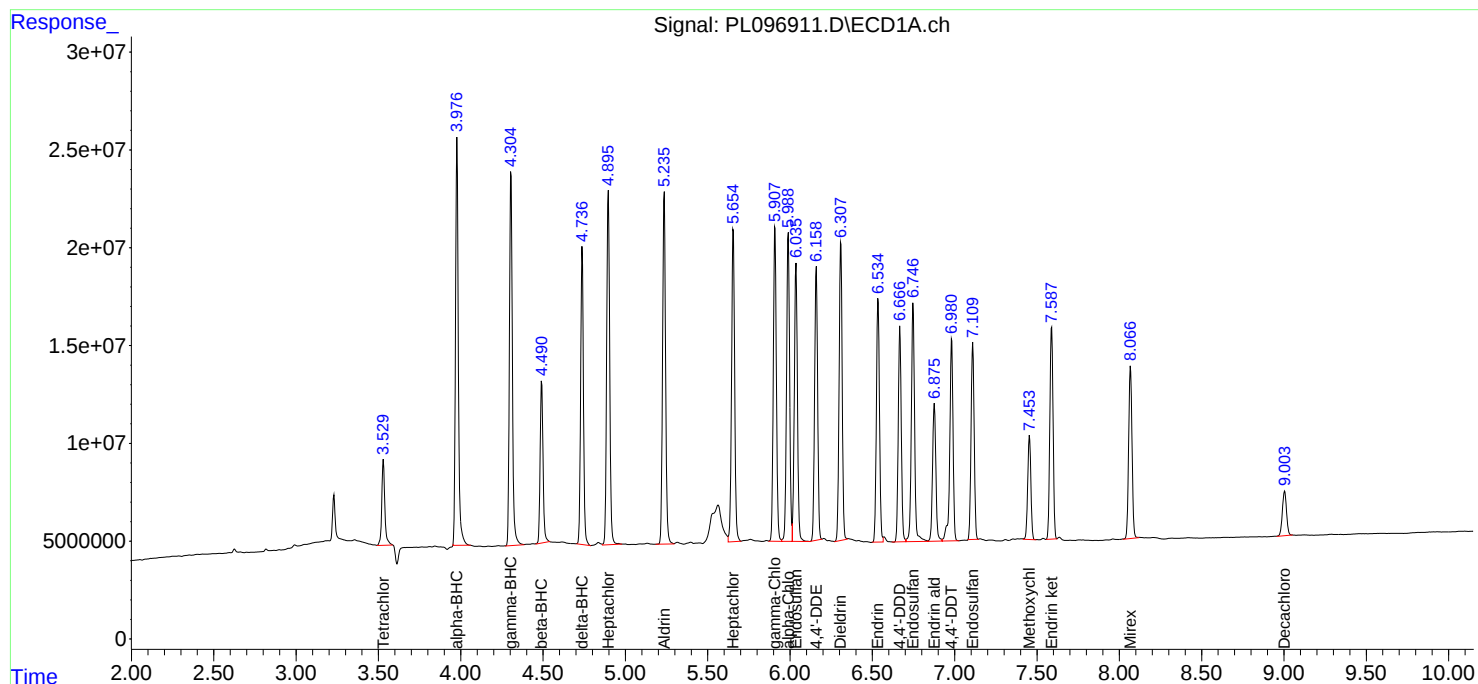
Instrument :
ECD_L
ClientSampleId :
3-FLOOR-NORTH-DMSD

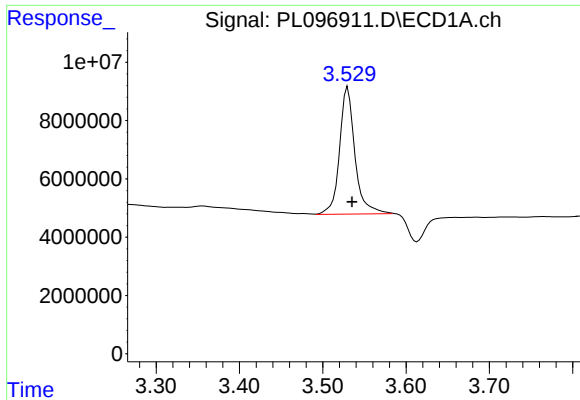
Manual Integrations
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Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 01:40:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072825.M
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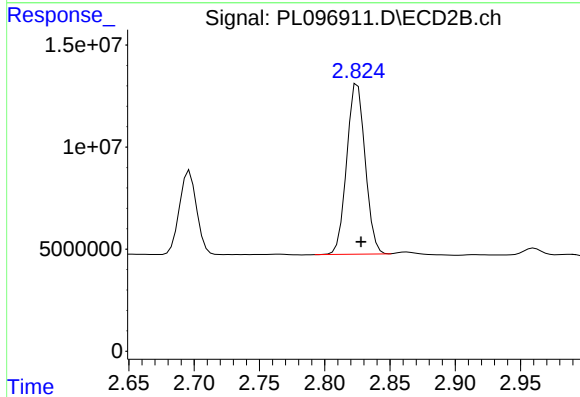
#1 Tetrachloro-m-xylene

R.T.: 3.529 min
Delta R.T.: -0.006 min
Response: 56039759
Conc: 17.62 ng/ml

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

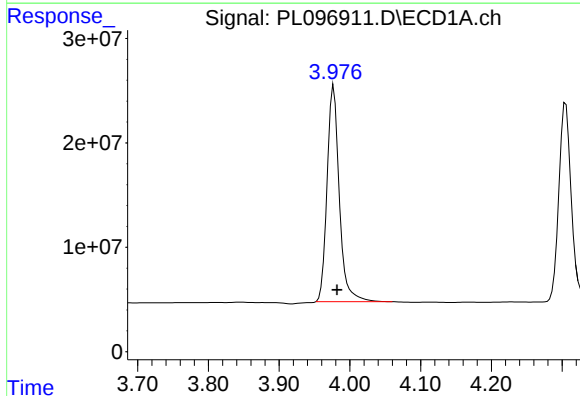
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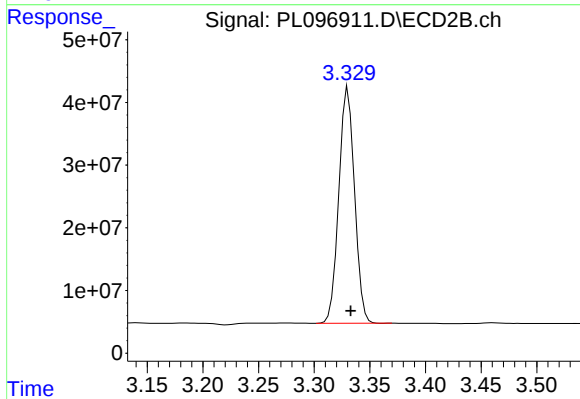
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: -0.003 min
Response: 82034861
Conc: 17.17 ng/ml



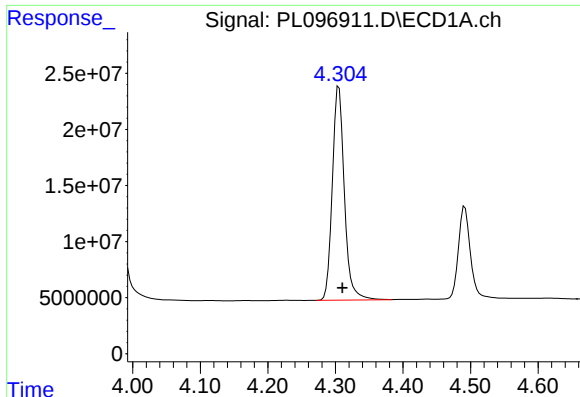
#2 alpha-BHC

R.T.: 3.977 min
Delta R.T.: -0.005 min
Response: 248699128
Conc: 53.76 ng/ml



#2 alpha-BHC

R.T.: 3.330 min
Delta R.T.: -0.003 min
Response: 369606440
Conc: 52.23 ng/ml



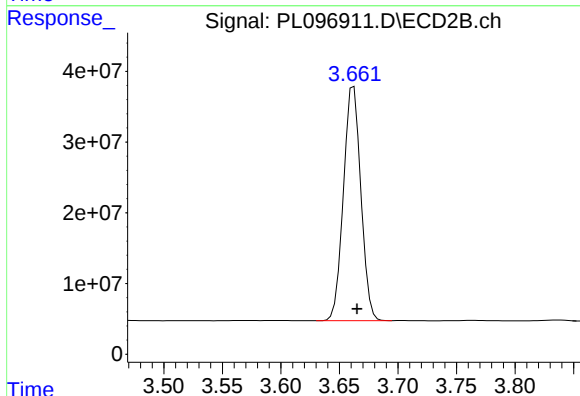
#3 gamma-BHC (Lindane)

R.T.: 4.304 min
Delta R.T.: -0.006 min
Response: 237164680
Conc: 53.62 ng/ml

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

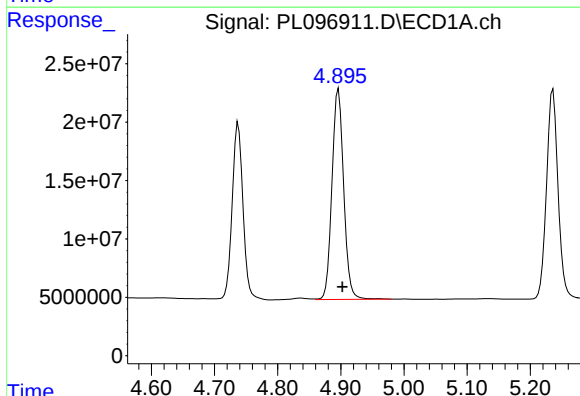
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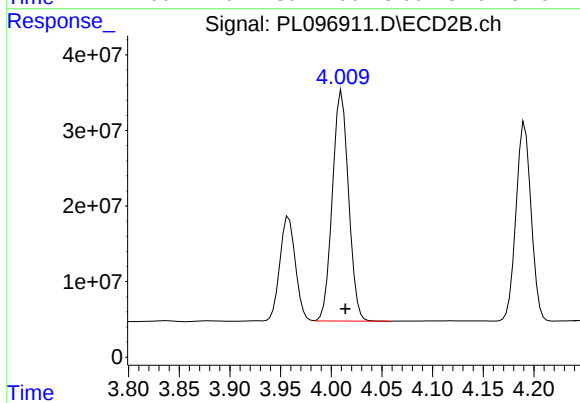
#3 gamma-BHC (Lindane)

R.T.: 3.662 min
Delta R.T.: -0.003 min
Response: 342662298
Conc: 51.89 ng/ml



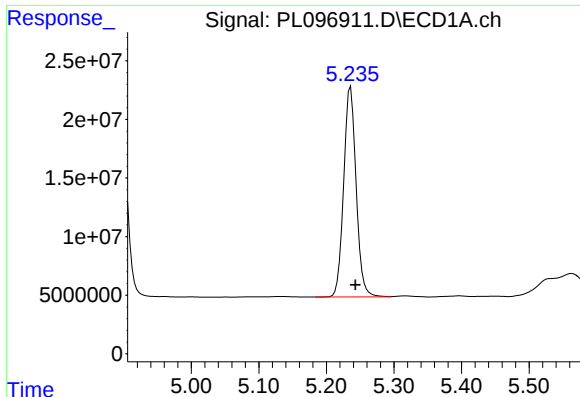
#4 Heptachlor

R.T.: 4.896 min
Delta R.T.: -0.006 min
Response: 232864491
Conc: 56.04 ng/ml



#4 Heptachlor

R.T.: 4.010 min
Delta R.T.: -0.004 min
Response: 338710983
Conc: 50.84 ng/ml



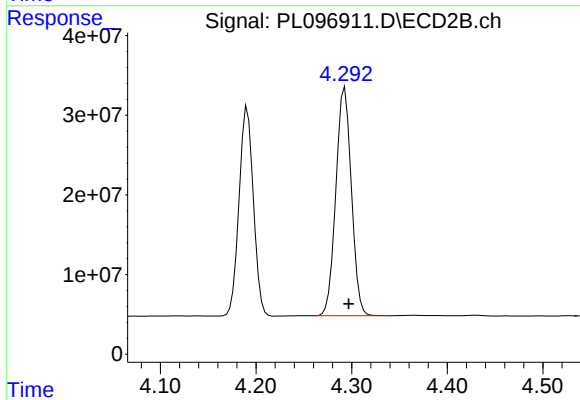
#5 Aldrin

R.T.: 5.236 min
Delta R.T.: -0.007 min
Response: 229090895
Conc: 53.26 ng/ml

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

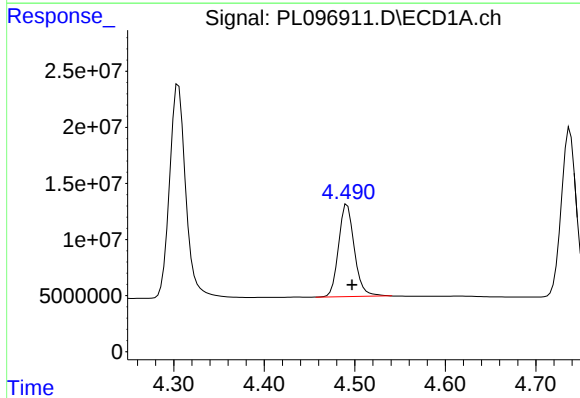
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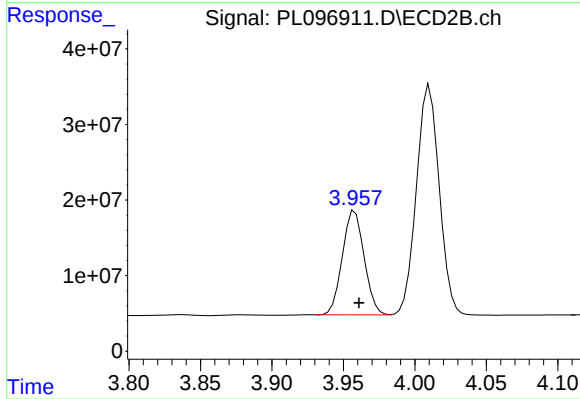
#5 Aldrin

R.T.: 4.293 min
Delta R.T.: -0.004 min
Response: 322898698
Conc: 52.02 ng/ml



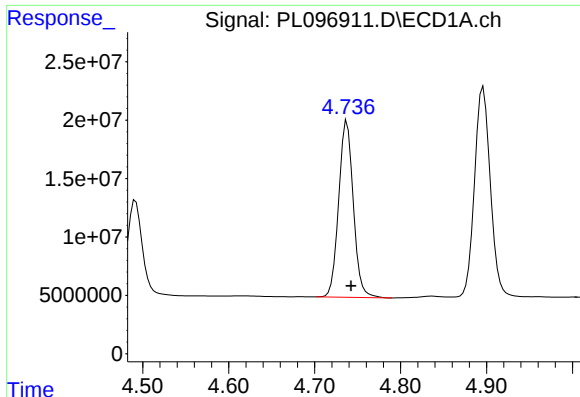
#6 beta-BHC

R.T.: 4.490 min
Delta R.T.: -0.007 min
Response: 99994769
Conc: 55.40 ng/ml m



#6 beta-BHC

R.T.: 3.958 min
Delta R.T.: -0.003 min
Response: 146691185
Conc: 52.00 ng/ml



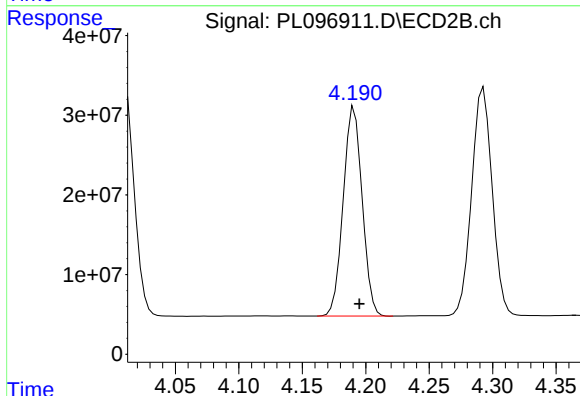
#7 delta-BHC

R.T.: 4.738 min
Delta R.T.: -0.005 min
Response: 178732567
Conc: 44.80 ng/ml

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

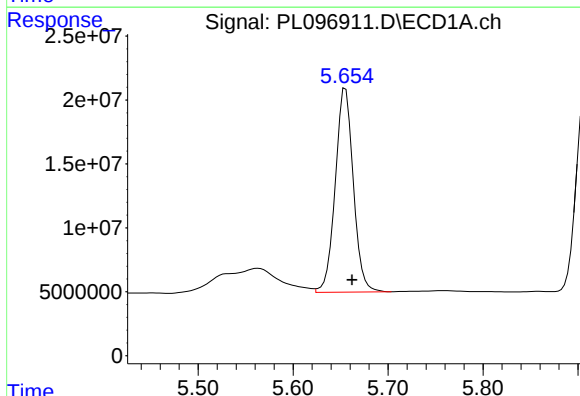
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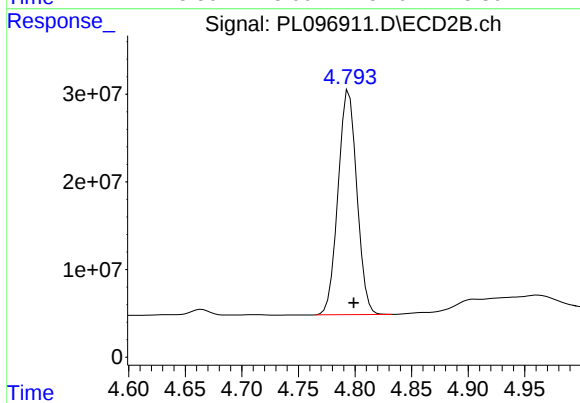
#7 delta-BHC

R.T.: 4.191 min
Delta R.T.: -0.004 min
Response: 272984407
Conc: 42.17 ng/ml



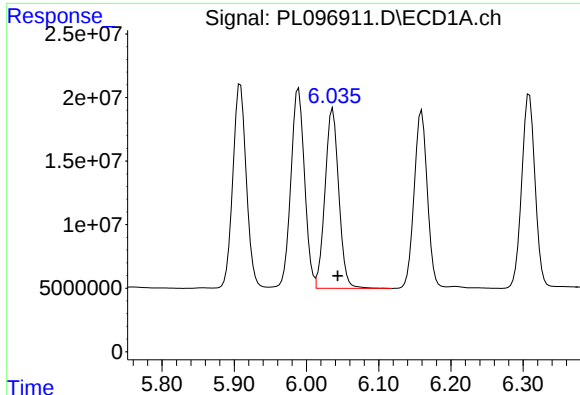
#8 Heptachlor epoxide

R.T.: 5.655 min
Delta R.T.: -0.007 min
Response: 211250292
Conc: 54.78 ng/ml



#8 Heptachlor epoxide

R.T.: 4.795 min
Delta R.T.: -0.004 min
Response: 295998400
Conc: 51.83 ng/ml



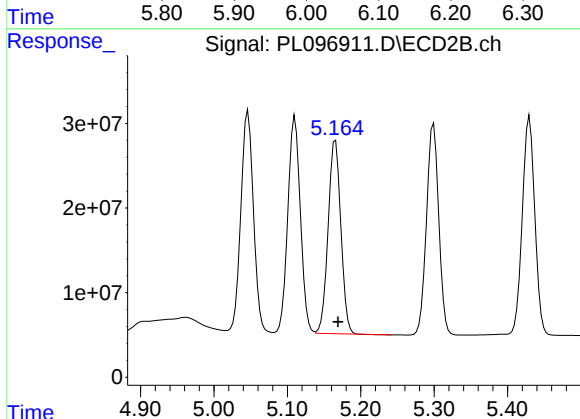
#9 Endosulfan I

R.T.: 6.037 min
Delta R.T.: -0.007 min
Response: 188570748
Conc: 52.43 ng/ml

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

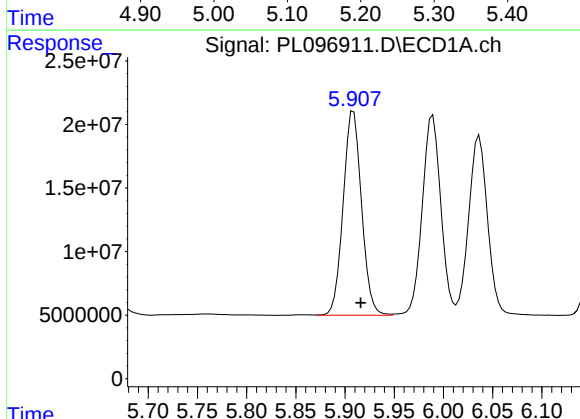
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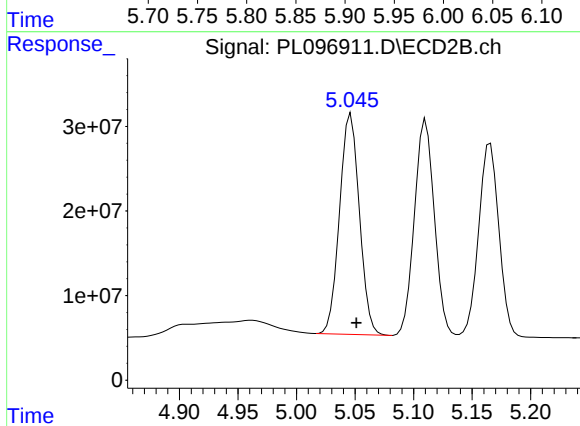
#9 Endosulfan I

R.T.: 5.166 min
Delta R.T.: -0.003 min
Response: 274528053
Conc: 49.63 ng/ml



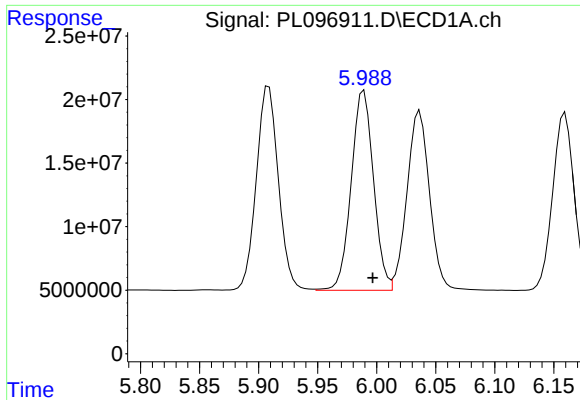
#10 gamma-Chlordane

R.T.: 5.909 min
Delta R.T.: -0.007 min
Response: 208736715
Conc: 54.86 ng/ml



#10 gamma-Chlordane

R.T.: 5.046 min
Delta R.T.: -0.005 min
Response: 307795998
Conc: 52.35 ng/ml



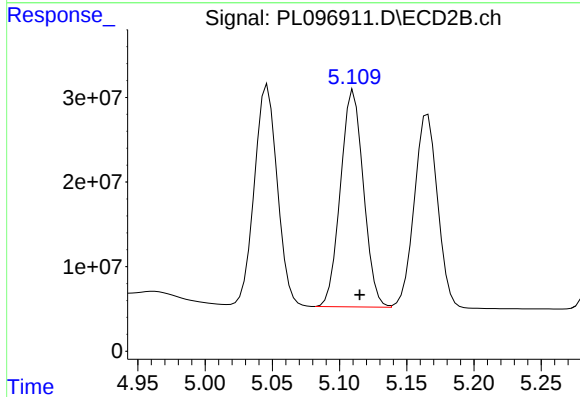
#11 alpha-Chlordane

R.T.: 5.989 min
Delta R.T.: -0.007 min
Response: 206706393
Conc: 53.63 ng/ml

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

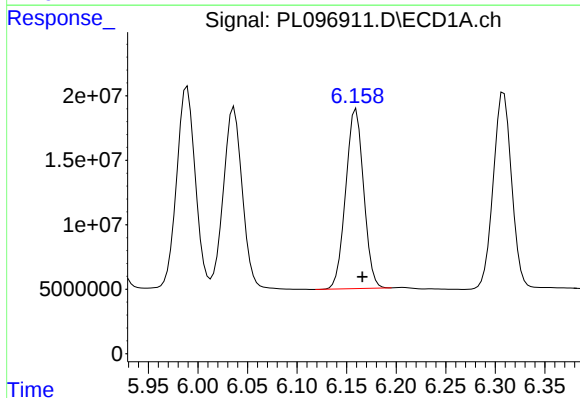
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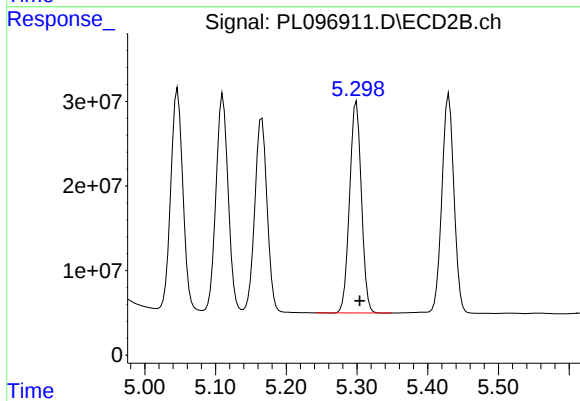
#11 alpha-Chlordane

R.T.: 5.111 min
Delta R.T.: -0.005 min
Response: 303836721
Conc: 51.51 ng/ml



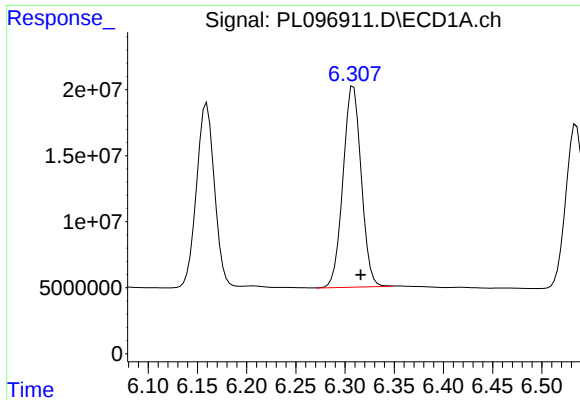
#12 4,4'-DDE

R.T.: 6.160 min
Delta R.T.: -0.007 min
Response: 175602153
Conc: 54.68 ng/ml



#12 4,4'-DDE

R.T.: 5.299 min
Delta R.T.: -0.005 min
Response: 290566003
Conc: 52.69 ng/ml



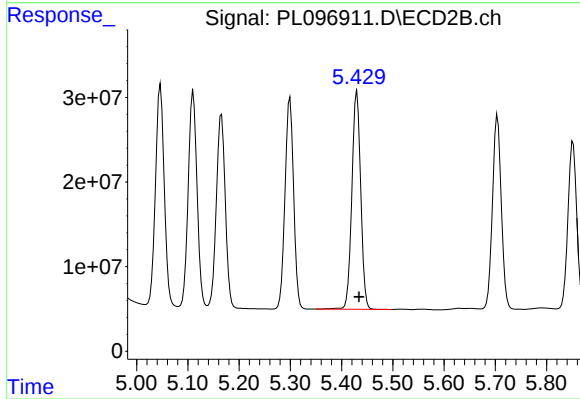
#13 Dieldrin

R.T.: 6.307 min
Delta R.T.: -0.009 min
Response: 196262480
Conc: 52.88 ng/ml

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

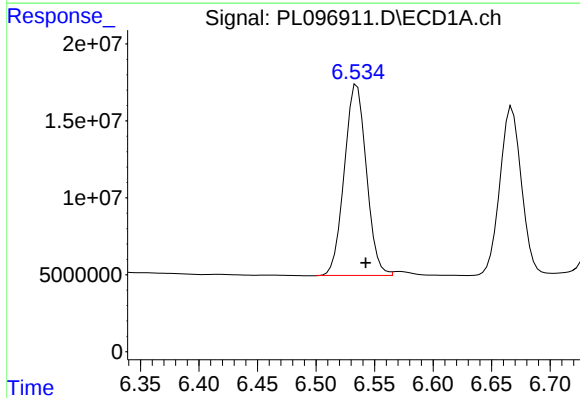
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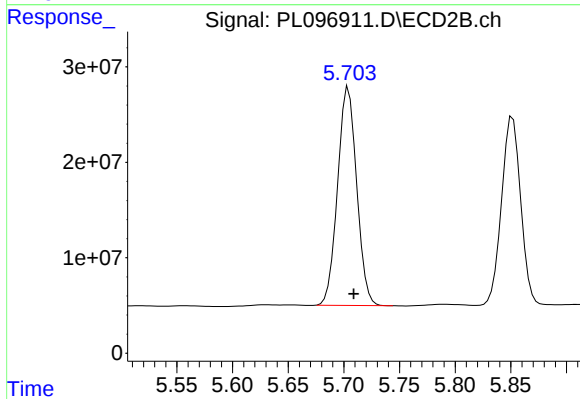
#13 Dieldrin

R.T.: 5.430 min
Delta R.T.: -0.004 min
Response: 309506417
Conc: 52.40 ng/ml



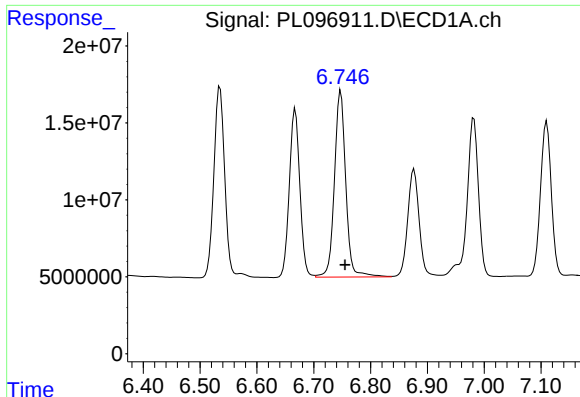
#14 Endrin

R.T.: 6.534 min
Delta R.T.: -0.009 min
Response: 162497501
Conc: 53.69 ng/ml m



#14 Endrin

R.T.: 5.704 min
Delta R.T.: -0.005 min
Response: 273180550
Conc: 50.53 ng/ml



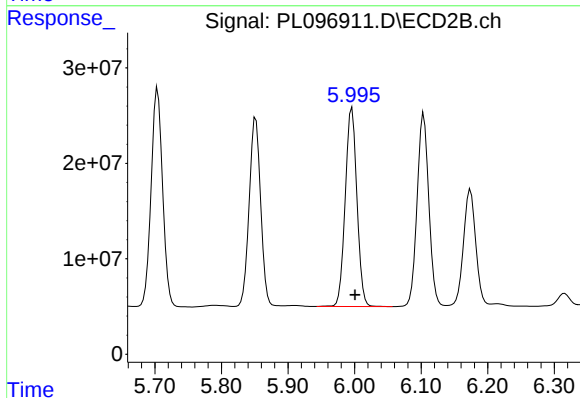
#15 Endosulfan II

R.T.: 6.748 min
Delta R.T.: -0.007 min
Response: 168449873
Conc: 52.60 ng/ml

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

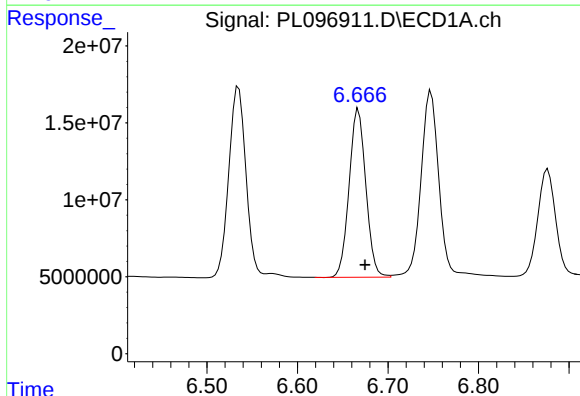
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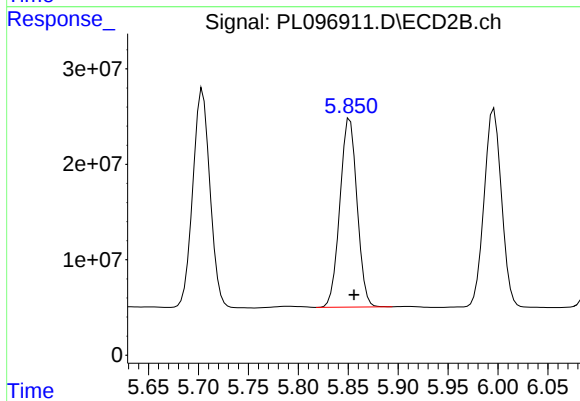
#15 Endosulfan II

R.T.: 5.996 min
Delta R.T.: -0.005 min
Response: 254058387
Conc: 49.46 ng/ml



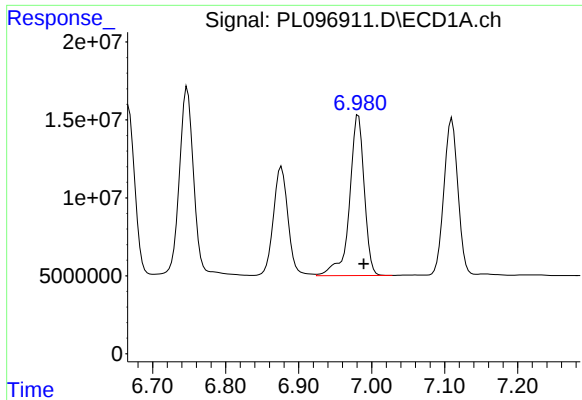
#16 4,4'-DDD

R.T.: 6.667 min
Delta R.T.: -0.008 min
Response: 140712942
Conc: 55.65 ng/ml



#16 4,4'-DDD

R.T.: 5.852 min
Delta R.T.: -0.004 min
Response: 236267417
Conc: 50.21 ng/ml



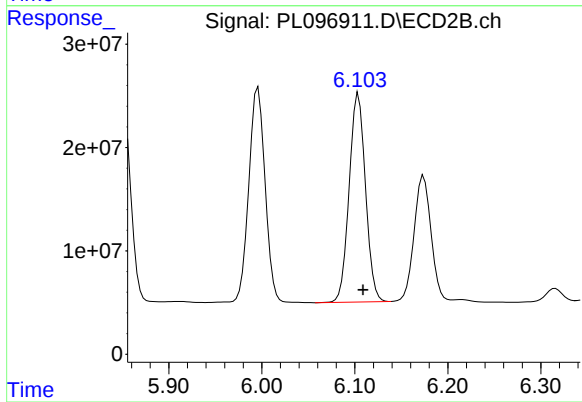
#17 4,4'-DDT

R.T.: 6.982 min
Delta R.T.: -0.007 min
Response: 144482563
Conc: 50.38 ng/ml

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

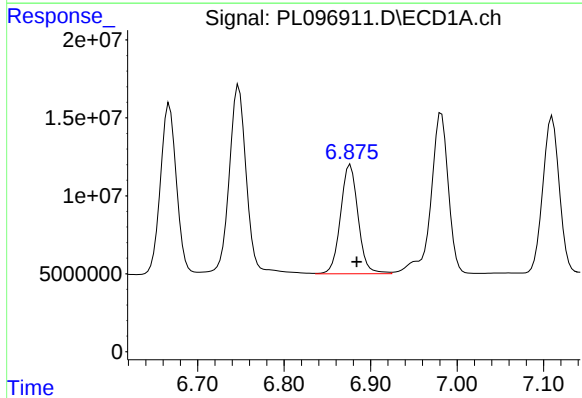
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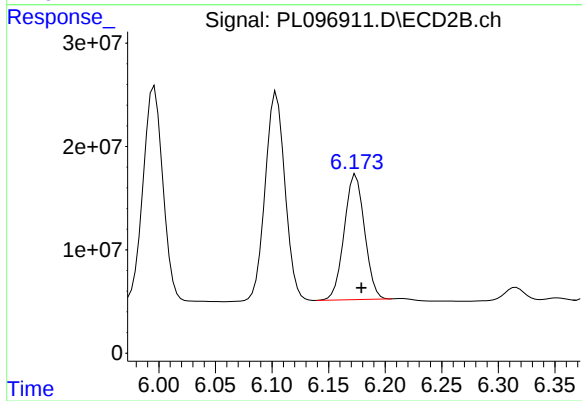
#17 4,4'-DDT

R.T.: 6.104 min
Delta R.T.: -0.005 min
Response: 246223856
Conc: 48.68 ng/ml



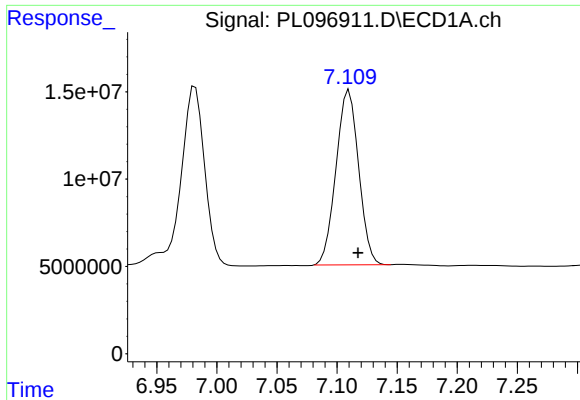
#18 Endrin aldehyde

R.T.: 6.877 min
Delta R.T.: -0.007 min
Response: 98021204
Conc: 45.68 ng/ml



#18 Endrin aldehyde

R.T.: 6.174 min
Delta R.T.: -0.005 min
Response: 151463603
Conc: 41.67 ng/ml



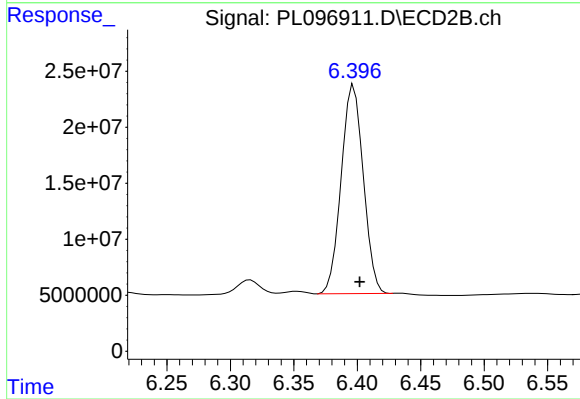
#19 Endosulfan Sulfate

R.T.: 7.110 min
Delta R.T.: -0.008 min
Response: 131353217
Conc: 45.71 ng/ml

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

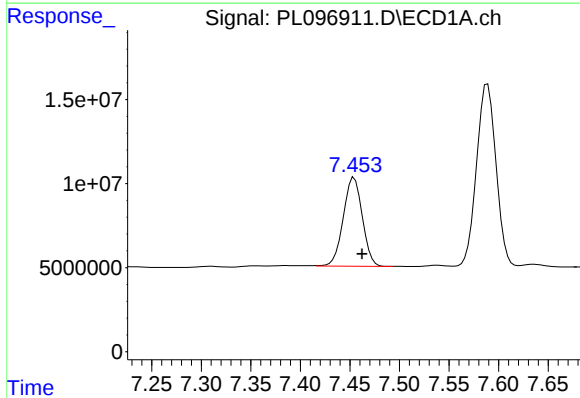
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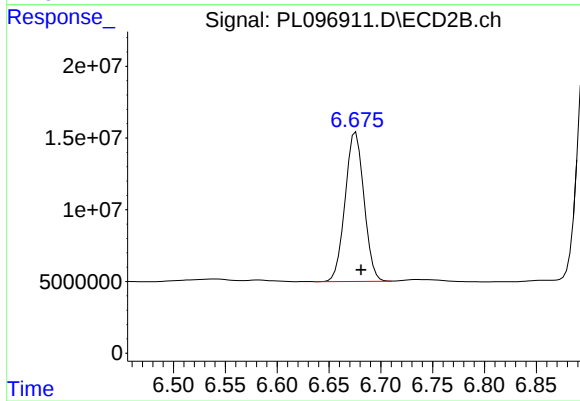
#19 Endosulfan Sulfate

R.T.: 6.397 min
Delta R.T.: -0.005 min
Response: 226066716
Conc: 44.45 ng/ml



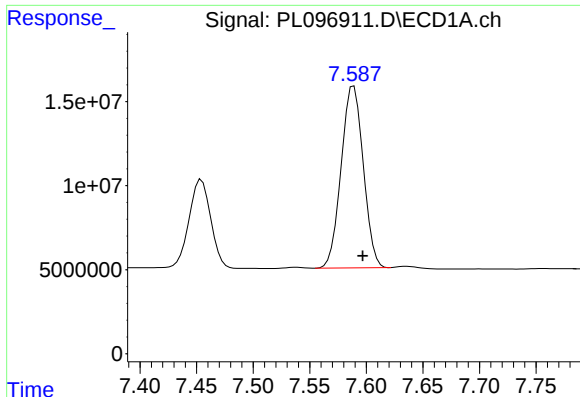
#20 Methoxychlor

R.T.: 7.453 min
Delta R.T.: -0.009 min
Response: 70711003
Conc: 48.16 ng/ml m



#20 Methoxychlor

R.T.: 6.675 min
Delta R.T.: -0.006 min
Response: 131727043
Conc: 48.07 ng/ml m



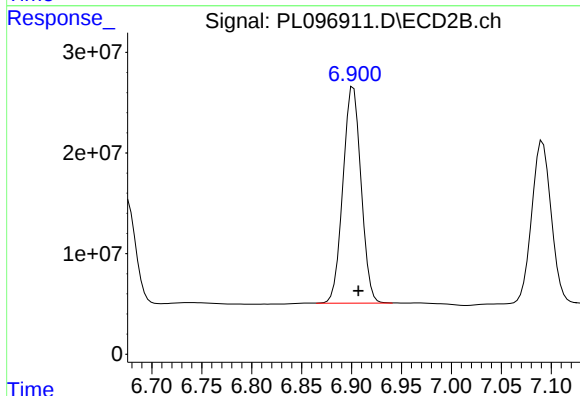
#21 Endrin ketone

R.T.: 7.589 min
Delta R.T.: -0.008 min
Response: 147226740
Conc: 48.97 ng/ml

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

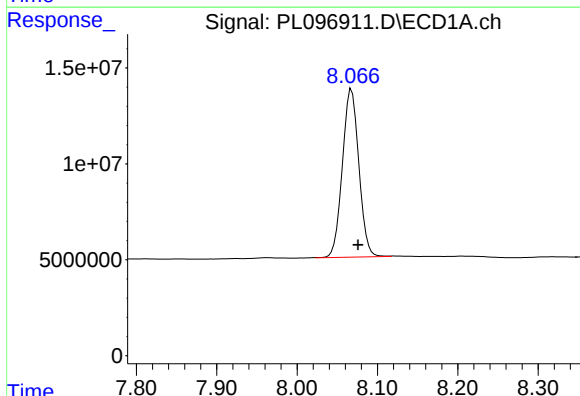
Manual Integrations
APPROVED

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



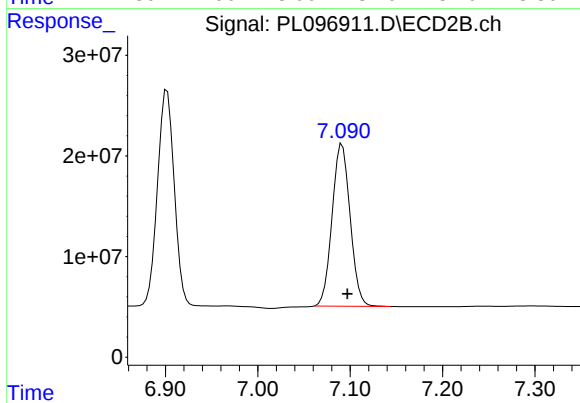
#21 Endrin ketone

R.T.: 6.900 min
Delta R.T.: -0.007 min
Response: 271681785
Conc: 48.78 ng/ml m



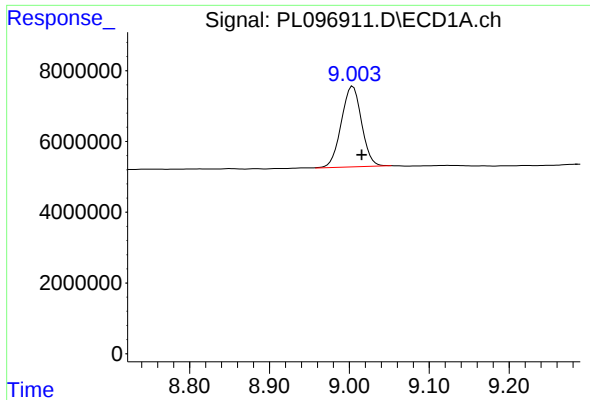
#22 Mirex

R.T.: 8.066 min
Delta R.T.: -0.009 min
Response: 124789876
Conc: 50.33 ng/ml m



#22 Mirex

R.T.: 7.091 min
Delta R.T.: -0.006 min
Response: 218818024
Conc: 50.18 ng/ml



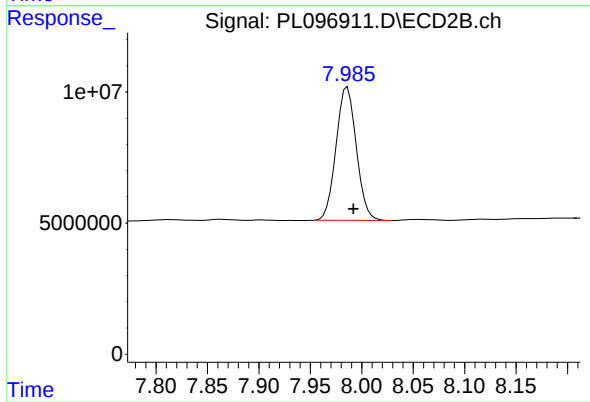
#28 Decachlorobiphenyl

R.T.: 9.003 min
Delta R.T.: -0.013 min
Response: 40139080
Conc: 16.83 ng/ml

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

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: 69739561
Conc: 16.08 ng/ml