

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081525\
 Data File : PL096802.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Aug 2025 18:49
 Operator : AR\AJ
 Sample : Q2838-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-11MSD

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 18 05:16:33 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...	3.531	2.825	33017266	51300143	10.380	10.737
28)	SA Decachlor...	9.006	7.988	39945592	75427054	16.751	17.386
Target Compounds							
2)	A alpha-BHC	3.978	3.330	153.9E6	189.9E6	33.269	26.832
3)	MA gamma-BHC...	4.306	3.662	161.5E6	196.4E6	36.499	29.737
4)	MA Heptachlor	4.897	4.011	168.6E6	198.9E6	40.559	29.858 #
5)	MB Aldrin	5.237	4.293	171.1E6	200.7E6	39.776	32.327
6)	B beta-BHC	4.493	3.959	59808904	91614235	33.136	32.477
7)	B delta-BHC	4.738	4.192	138.9E6	184.6E6	34.818	28.510
8)	B Heptachlo...	5.657	4.796	157.2E6	207.6E6	40.756	36.344
9)	A Endosulfan I	6.038	5.167	160.7E6	206.7E6	44.675	37.372
10)	B gamma-Chl...	5.910	5.048	166.5E6	227.0E6	43.752	38.604
11)	B alpha-Chl...	5.990	5.112	167.2E6	216.6E6	43.367	36.714
12)	B 4,4'-DDE	6.160	5.300	136.8E6	202.4E6	42.608	36.696
13)	MA Dieldrin	6.309	5.431	162.6E6	228.5E6	43.827	38.687
14)	MA Endrin	6.535	5.705	135.5E6	222.0E6	44.762m	41.070
15)	B Endosulfa...	6.749	5.997	144.4E6	226.8E6	45.103	44.159
16)	A 4,4'-DDD	6.669	5.853	122.1E6	202.0E6	48.280	42.924
17)	MA 4,4'-DDT	6.983	6.105	123.5E6	199.8E6	43.076	39.503
18)	B Endrin al...	6.877	6.176	110.2E6	182.9E6	51.330	50.313
19)	B Endosulfa...	7.111	6.399	127.6E6	216.3E6	44.418	42.532
20)	A Methoxychlor	7.455	6.677	62258090	115.0E6	42.400	41.969
21)	B Endrin ke...	7.590	6.903	139.1E6	258.3E6	46.250	46.379
22)	Mirex	8.068	7.093	114.7E6	199.2E6	46.261m	45.680

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

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Data File : PL096802.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2025 18:49
Operator : AR\AJ
Sample : Q2838-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

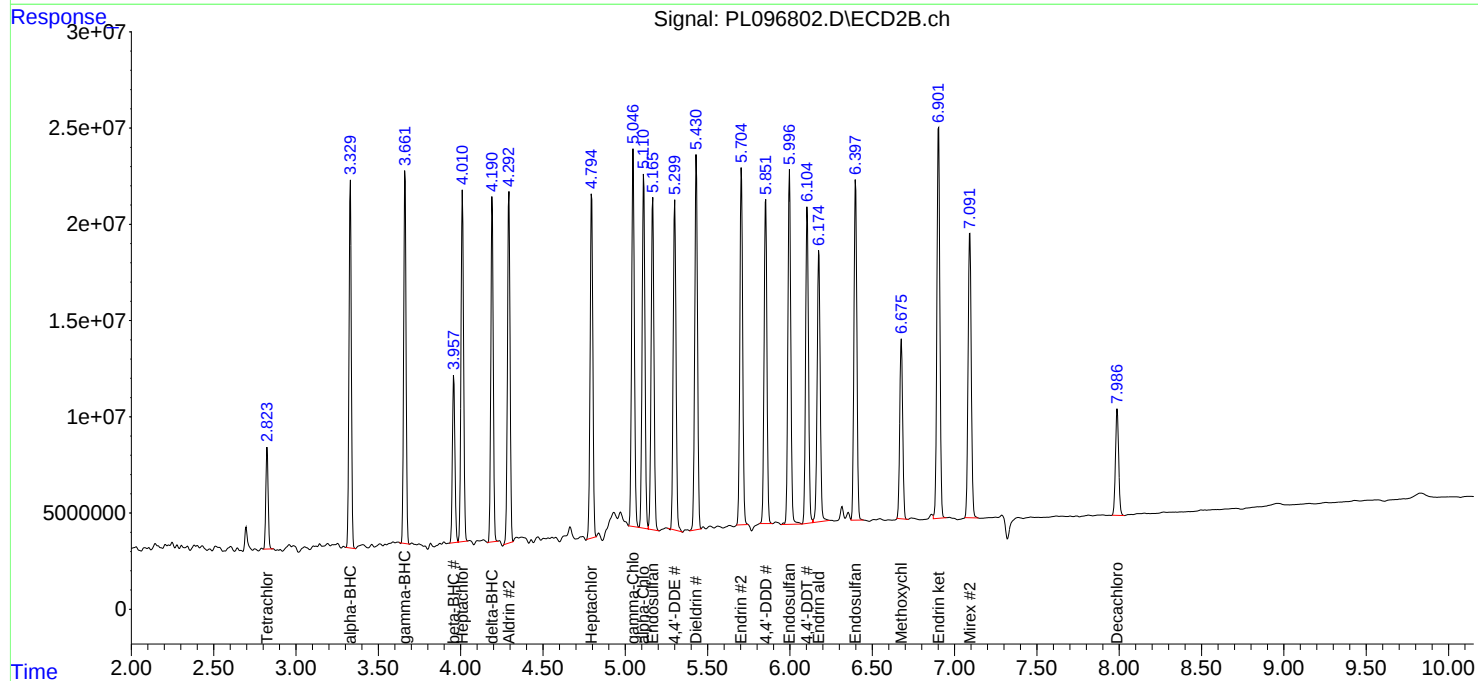
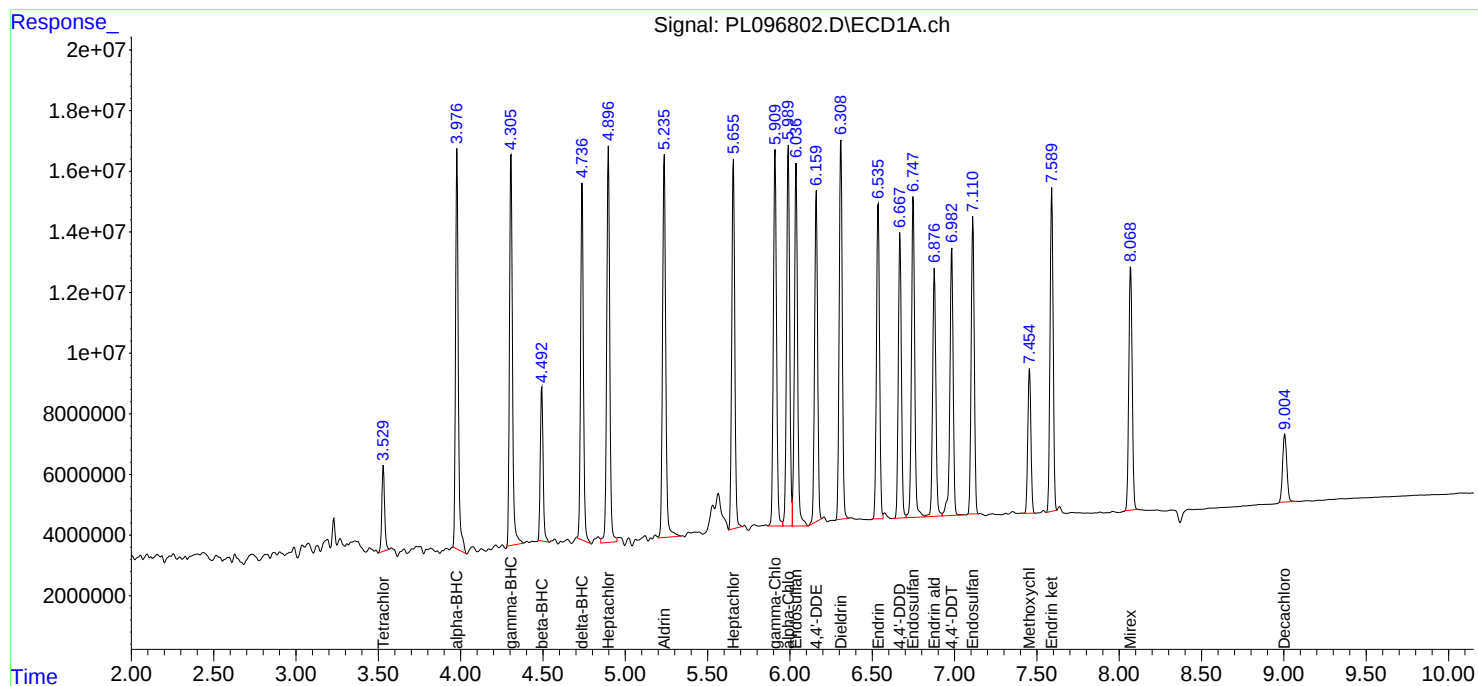
Instrument :
ECD_L
ClientSampleId :
TP-11MSD

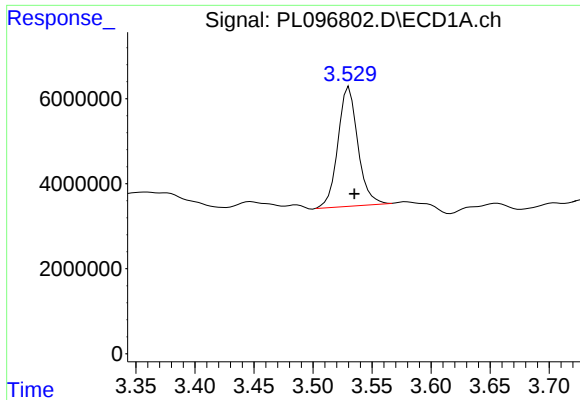
Manual Integrations
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Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 05:16:33 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





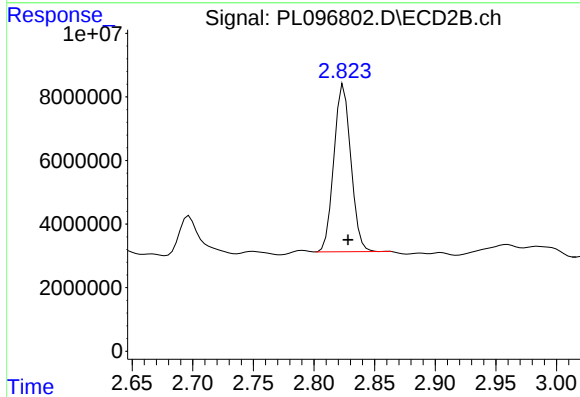
#1 Tetrachloro-m-xylene

R.T.: 3.531 min
Delta R.T.: -0.004 min
Response: 33017266
Conc: 10.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-11MSD

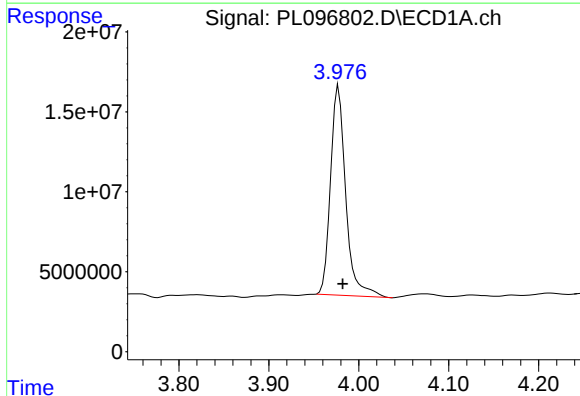
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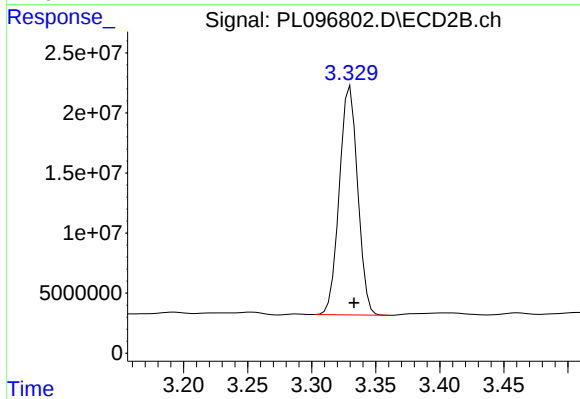
#1 Tetrachloro-m-xylene

R.T.: 2.825 min
Delta R.T.: -0.003 min
Response: 51300143
Conc: 10.74 ng/ml



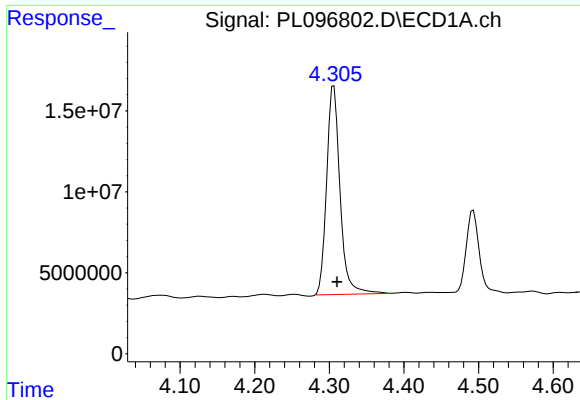
#2 alpha-BHC

R.T.: 3.978 min
Delta R.T.: -0.004 min
Response: 153915601
Conc: 33.27 ng/ml



#2 alpha-BHC

R.T.: 3.330 min
Delta R.T.: -0.003 min
Response: 189890250
Conc: 26.83 ng/ml



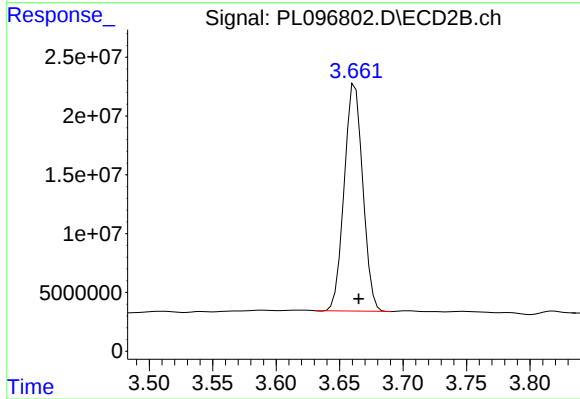
#3 gamma-BHC (Lindane)

R.T.: 4.306 min
Delta R.T.: -0.004 min
Response: 161453497
Conc: 36.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-11MSD

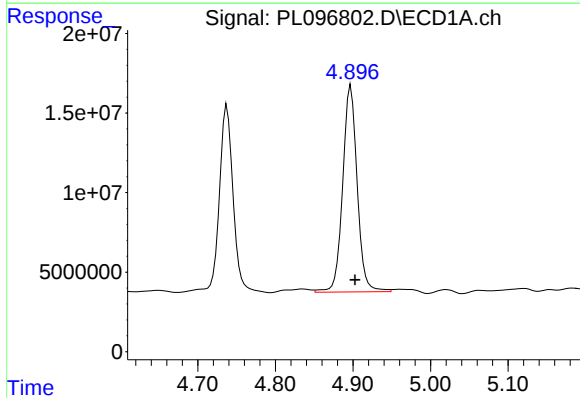
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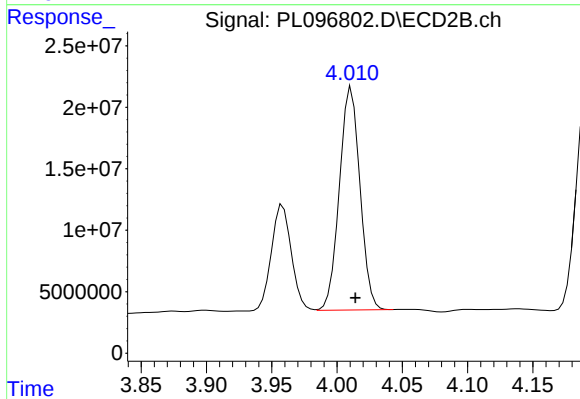
#3 gamma-BHC (Lindane)

R.T.: 3.662 min
Delta R.T.: -0.003 min
Response: 196364057
Conc: 29.74 ng/ml



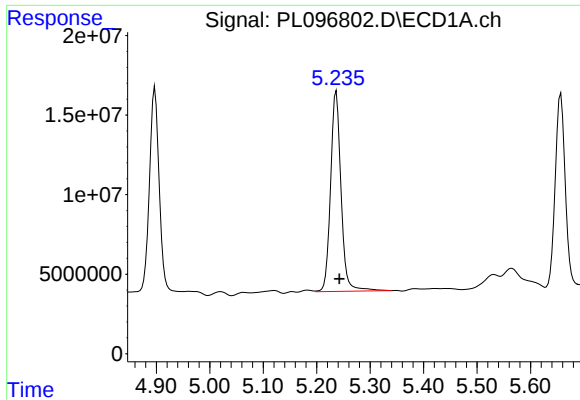
#4 Heptachlor

R.T.: 4.897 min
Delta R.T.: -0.005 min
Response: 168551043
Conc: 40.56 ng/ml



#4 Heptachlor

R.T.: 4.011 min
Delta R.T.: -0.003 min
Response: 198914257
Conc: 29.86 ng/ml



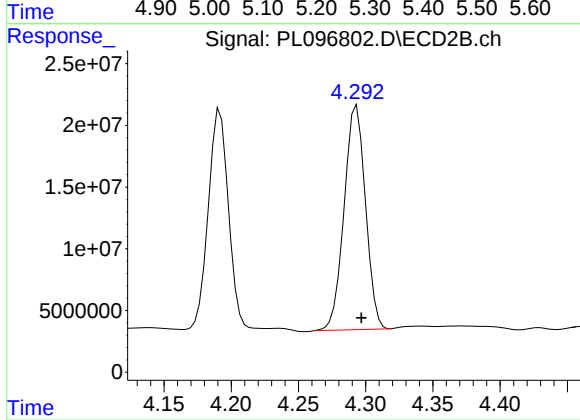
#5 Aldrin

R.T.: 5.237 min
Delta R.T.: -0.006 min
Response: 171076860
Conc: 39.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-11MSD

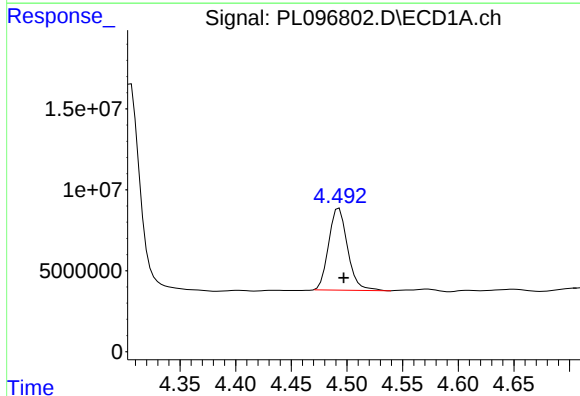
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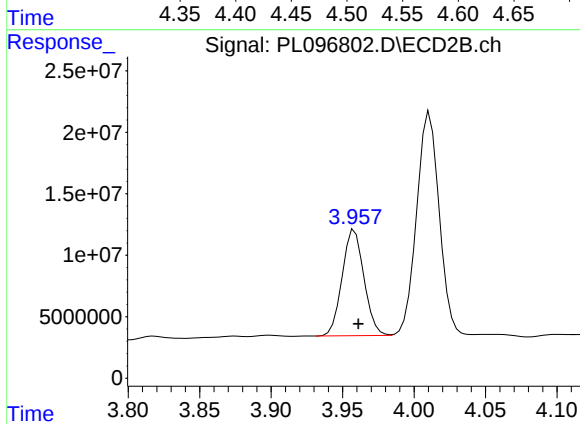
#5 Aldrin

R.T.: 4.293 min
Delta R.T.: -0.004 min
Response: 200656481
Conc: 32.33 ng/ml



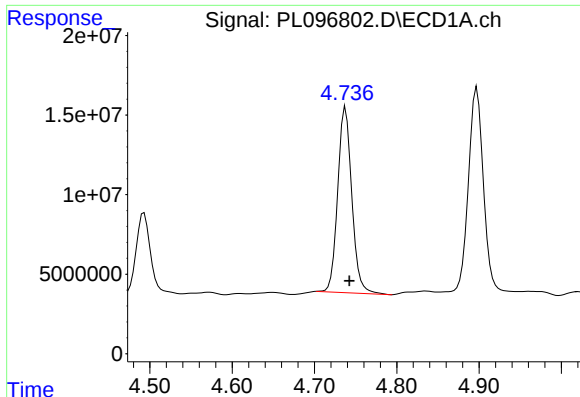
#6 beta-BHC

R.T.: 4.493 min
Delta R.T.: -0.004 min
Response: 59808904
Conc: 33.14 ng/ml



#6 beta-BHC

R.T.: 3.959 min
Delta R.T.: -0.002 min
Response: 91614235
Conc: 32.48 ng/ml



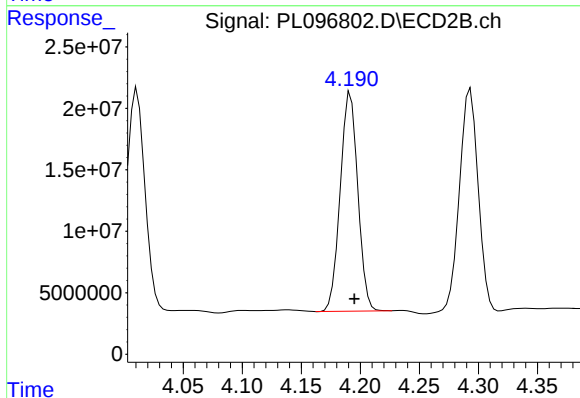
#7 delta-BHC

R.T.: 4.738 min
Delta R.T.: -0.005 min
Response: 138920337
Conc: 34.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-11MSD

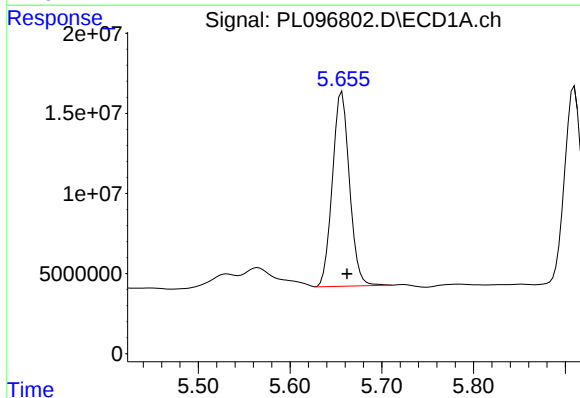
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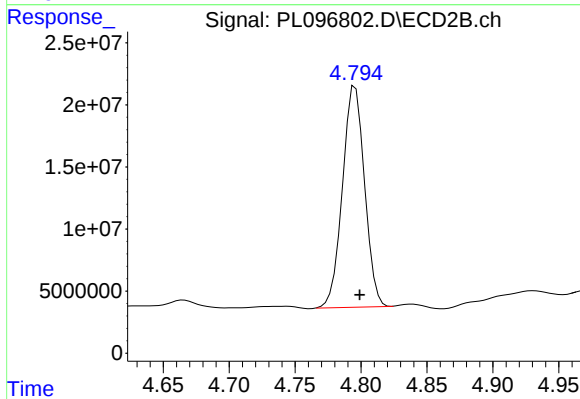
#7 delta-BHC

R.T.: 4.192 min
Delta R.T.: -0.003 min
Response: 184560097
Conc: 28.51 ng/ml



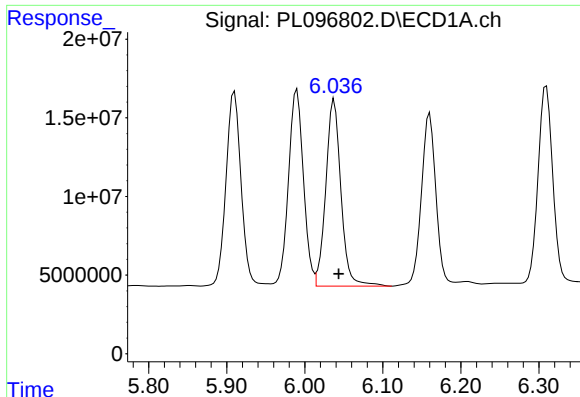
#8 Heptachlor epoxide

R.T.: 5.657 min
Delta R.T.: -0.006 min
Response: 157175623
Conc: 40.76 ng/ml



#8 Heptachlor epoxide

R.T.: 4.796 min
Delta R.T.: -0.003 min
Response: 207575522
Conc: 36.34 ng/ml



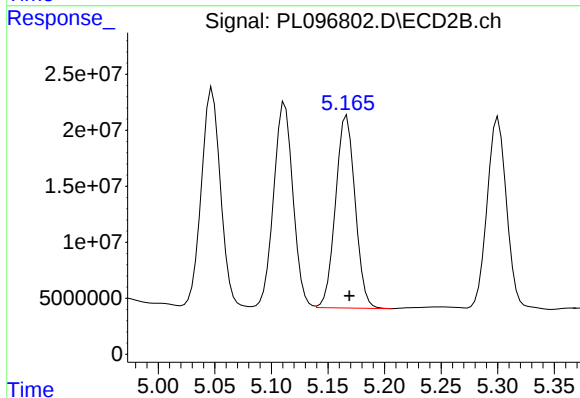
#9 Endosulfan I

R.T.: 6.038 min
Delta R.T.: -0.006 min
Response: 160669064
Conc: 44.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-11MSD

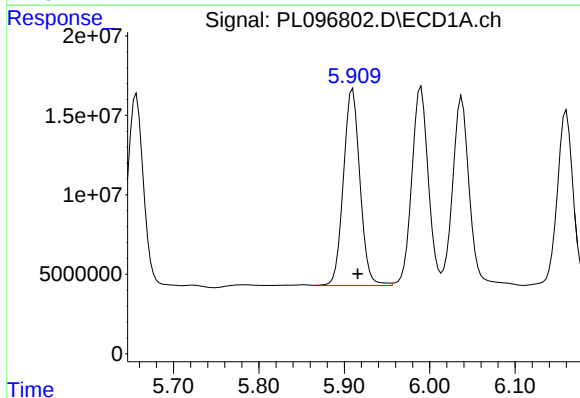
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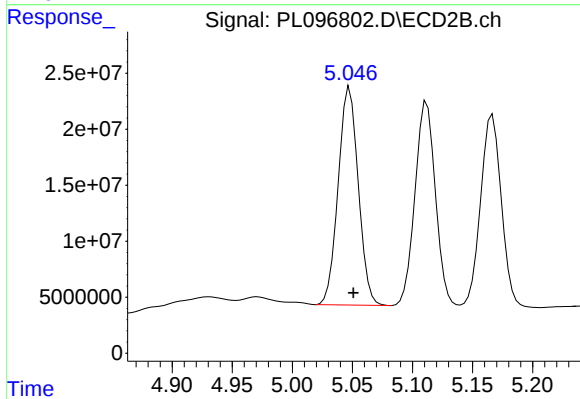
#9 Endosulfan I

R.T.: 5.167 min
Delta R.T.: -0.002 min
Response: 206719666
Conc: 37.37 ng/ml



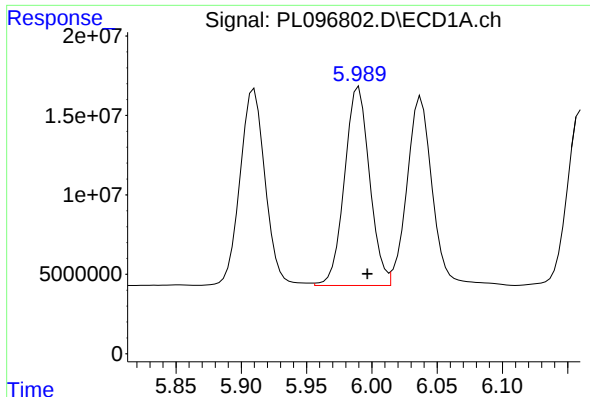
#10 gamma-Chlordane

R.T.: 5.910 min
Delta R.T.: -0.006 min
Response: 166486671
Conc: 43.75 ng/ml



#10 gamma-Chlordane

R.T.: 5.048 min
Delta R.T.: -0.003 min
Response: 226995216
Conc: 38.60 ng/ml



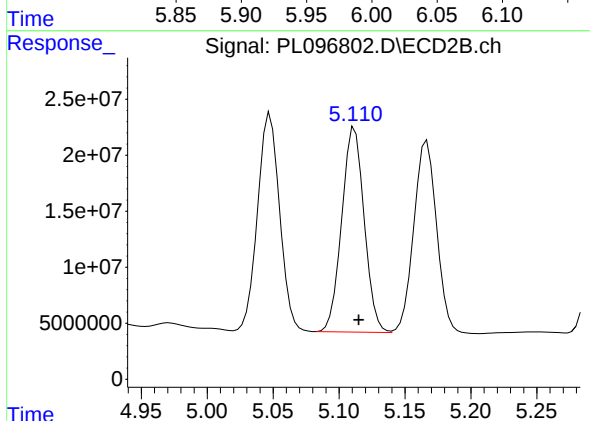
#11 alpha-Chlordane

R.T.: 5.990 min
Delta R.T.: -0.007 min
Response: 167164901
Conc: 43.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-11MSD

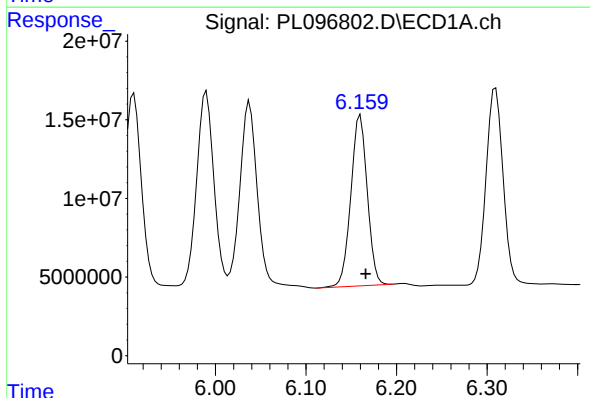
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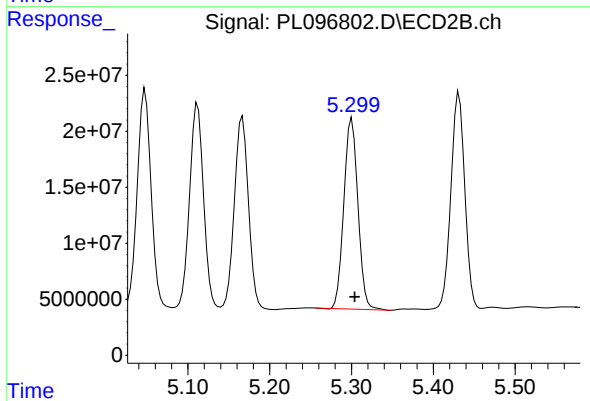
#11 alpha-Chlordane

R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 216572700
Conc: 36.71 ng/ml



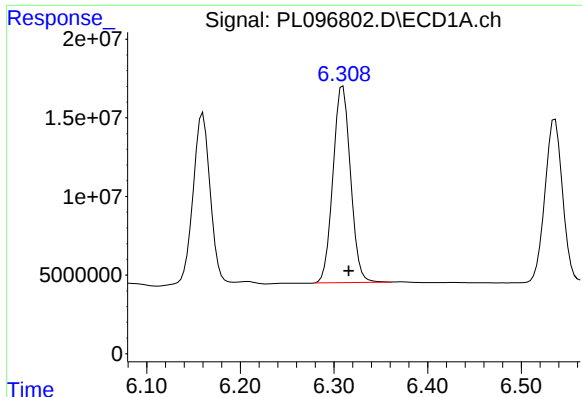
#12 4,4'-DDE

R.T.: 6.160 min
Delta R.T.: -0.006 min
Response: 136823746
Conc: 42.61 ng/ml



#12 4,4'-DDE

R.T.: 5.300 min
Delta R.T.: -0.004 min
Response: 202355355
Conc: 36.70 ng/ml



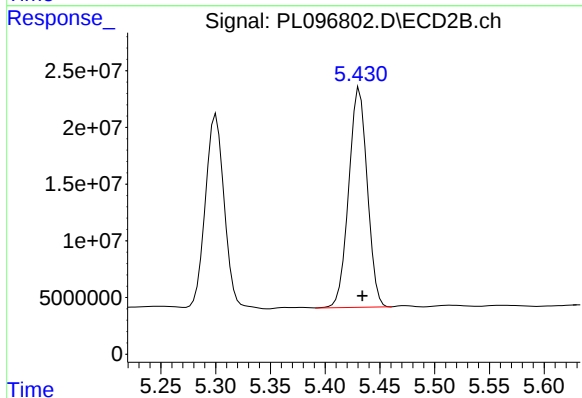
#13 Dieldrin

R.T.: 6.309 min
Delta R.T.: -0.006 min
Response: 162649277
Conc: 43.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-11MSD

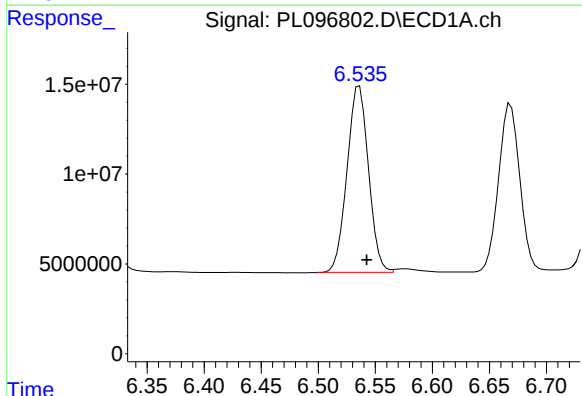
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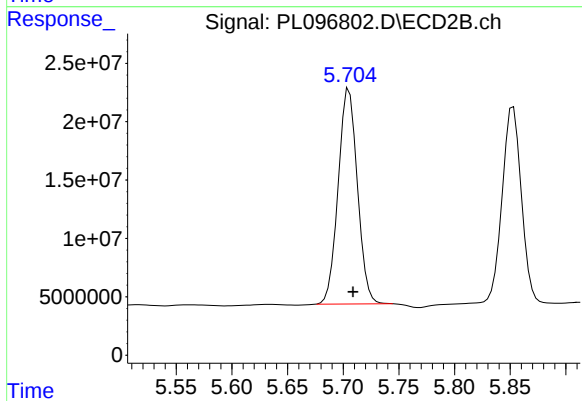
#13 Dieldrin

R.T.: 5.431 min
Delta R.T.: -0.003 min
Response: 228505408
Conc: 38.69 ng/ml



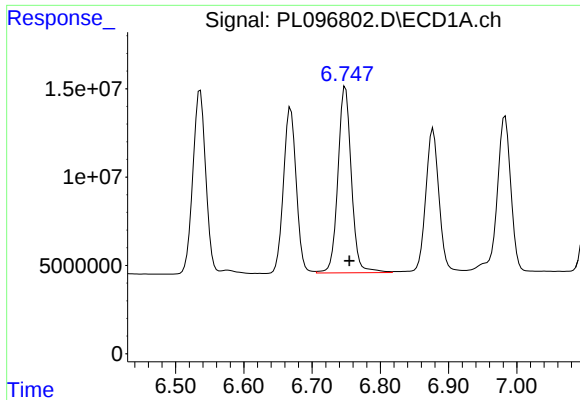
#14 Endrin

R.T.: 6.535 min
Delta R.T.: -0.008 min
Response: 135485307
Conc: 44.76 ng/ml m



#14 Endrin

R.T.: 5.705 min
Delta R.T.: -0.004 min
Response: 222023223
Conc: 41.07 ng/ml



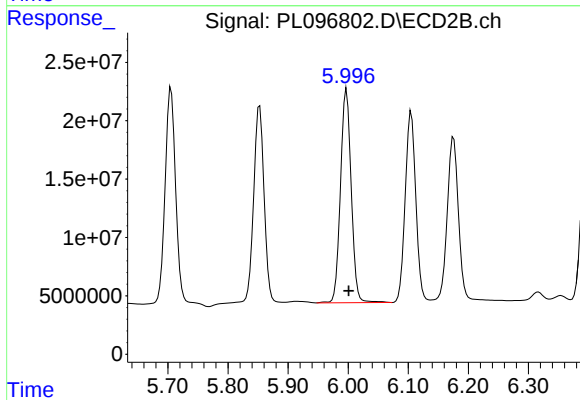
#15 Endosulfan II

R.T.: 6.749 min
Delta R.T.: -0.006 min
Response: 144449651
Conc: 45.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-11MSD

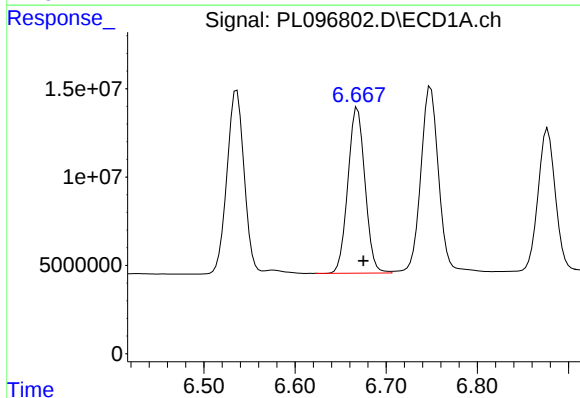
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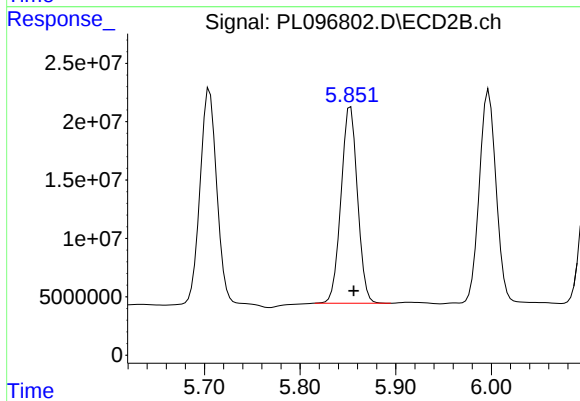
#15 Endosulfan II

R.T.: 5.997 min
Delta R.T.: -0.004 min
Response: 226808998
Conc: 44.16 ng/ml



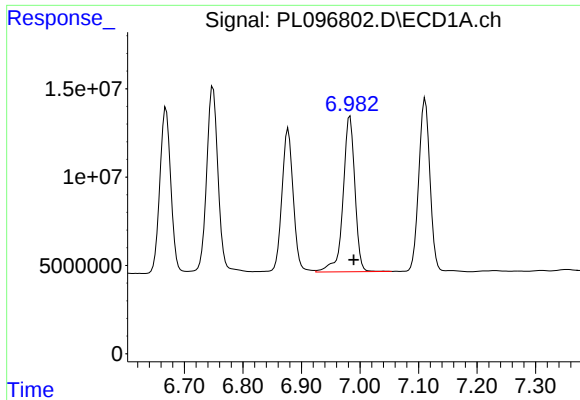
#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: -0.006 min
Response: 122068717
Conc: 48.28 ng/ml



#16 4,4'-DDD

R.T.: 5.853 min
Delta R.T.: -0.003 min
Response: 201971298
Conc: 42.92 ng/ml



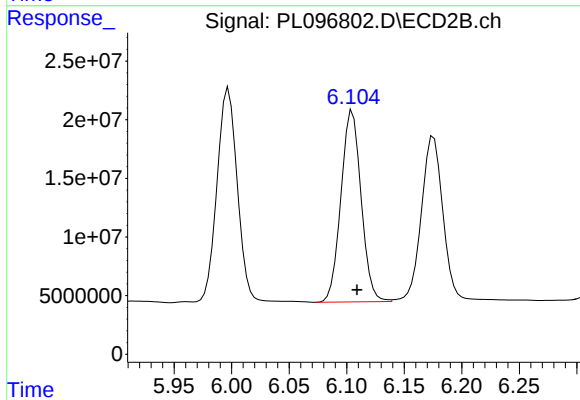
#17 4,4'-DDT

R.T.: 6.983 min
Delta R.T.: -0.006 min
Response: 123529241
Conc: 43.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-11MSD

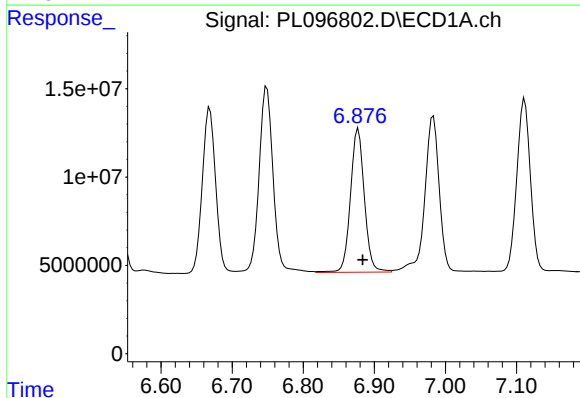
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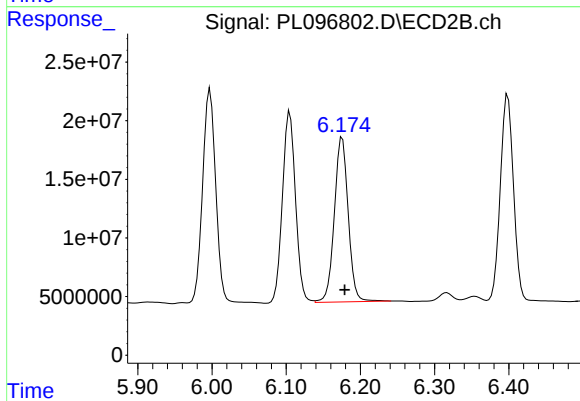
#17 4,4'-DDT

R.T.: 6.105 min
Delta R.T.: -0.004 min
Response: 199815813
Conc: 39.50 ng/ml



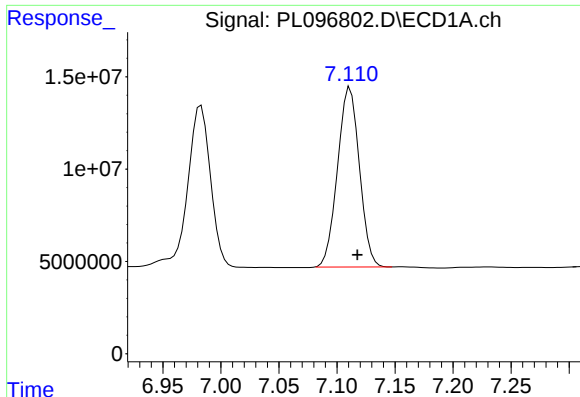
#18 Endrin aldehyde

R.T.: 6.877 min
Delta R.T.: -0.006 min
Response: 110150115
Conc: 51.33 ng/ml



#18 Endrin aldehyde

R.T.: 6.176 min
Delta R.T.: -0.003 min
Response: 182891334
Conc: 50.31 ng/ml



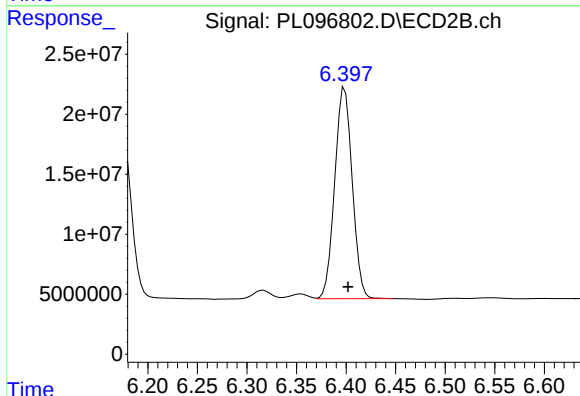
#19 Endosulfan Sulfate

R.T.: 7.111 min
Delta R.T.: -0.006 min
Response: 127643329
Conc: 44.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
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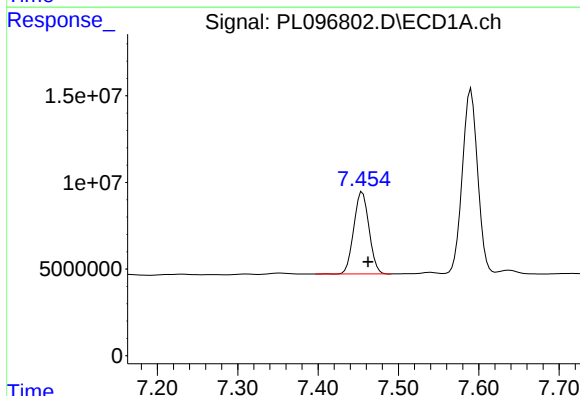
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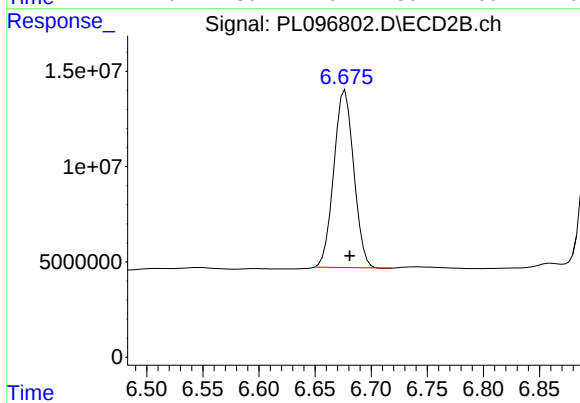
#19 Endosulfan Sulfate

R.T.: 6.399 min
Delta R.T.: -0.003 min
Response: 216324852
Conc: 42.53 ng/ml



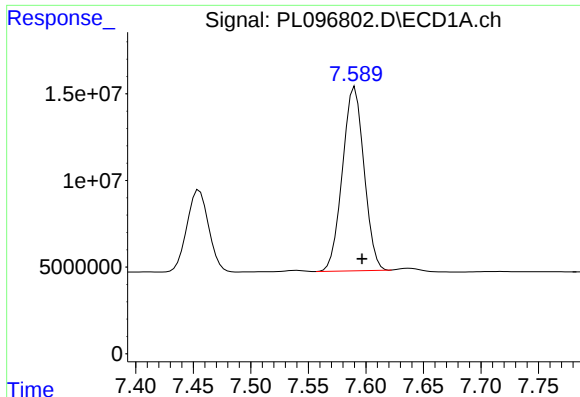
#20 Methoxychlor

R.T.: 7.455 min
Delta R.T.: -0.007 min
Response: 62258090
Conc: 42.40 ng/ml



#20 Methoxychlor

R.T.: 6.677 min
Delta R.T.: -0.004 min
Response: 115017190
Conc: 41.97 ng/ml



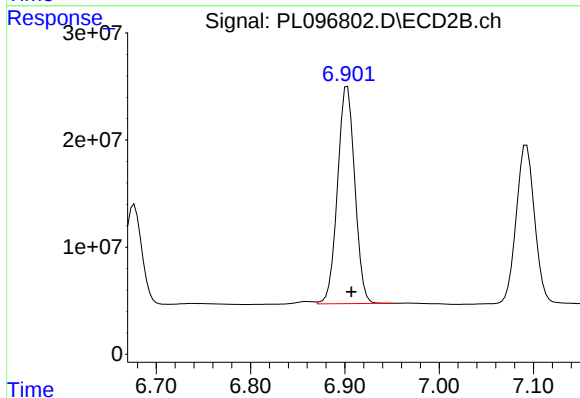
#21 Endrin ketone

R.T.: 7.590 min
Delta R.T.: -0.006 min
Response: 139061678
Conc: 46.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-11MSD

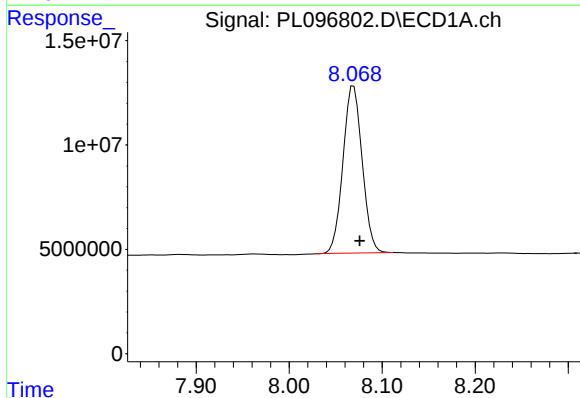
Manual Integrations
APPROVED

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



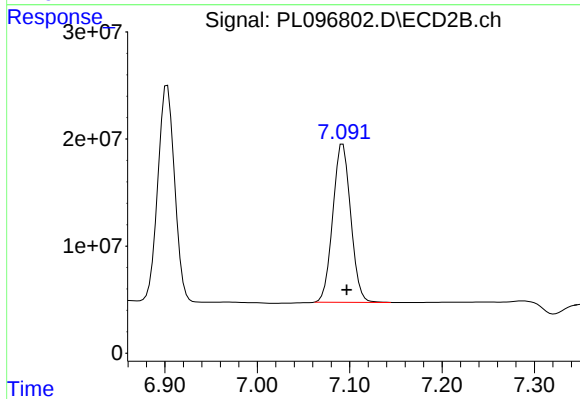
#21 Endrin ketone

R.T.: 6.903 min
Delta R.T.: -0.004 min
Response: 258319310
Conc: 46.38 ng/ml



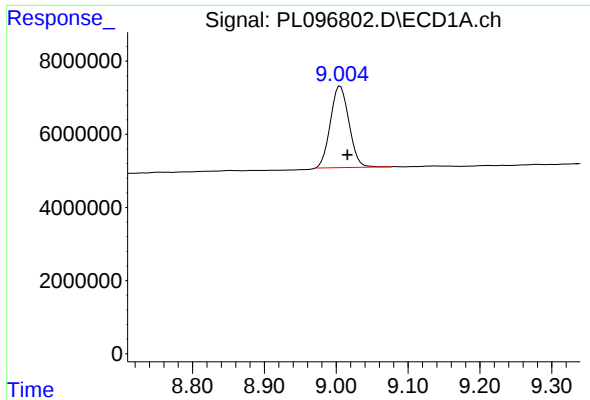
#22 Mirex

R.T.: 8.068 min
Delta R.T.: -0.008 min
Response: 114696785
Conc: 46.26 ng/ml m



#22 Mirex

R.T.: 7.093 min
Delta R.T.: -0.004 min
Response: 199205843
Conc: 45.68 ng/ml



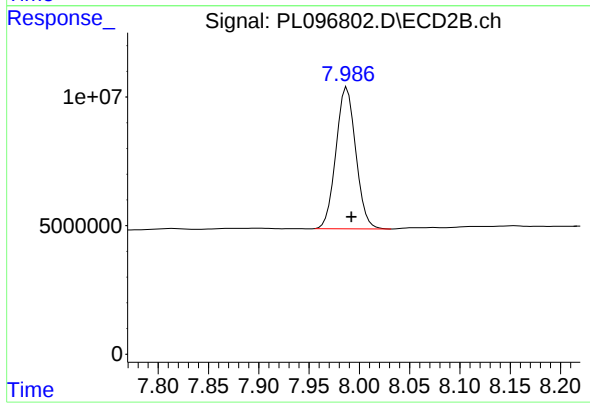
#28 Decachlorobiphenyl

R.T.: 9.006 min
Delta R.T.: -0.010 min
Response: 39945592
Conc: 16.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-11MSD

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.988 min
Delta R.T.: -0.004 min
Response: 75427054
Conc: 17.39 ng/ml