

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110821\
 Data File : PL070826.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2021 14:25
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/09/2021
 Supervised By : mohammad ahmed 11/09/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 09 00:45:42 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 04 19:28:07 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.576	5.505	24960170	65475902	50.960	51.930
28) SA Decachlor...	10.339	11.402	34102215	71164029	49.908	53.212
Target Compounds						
2) A alpha-BHC	5.280	6.085	36374495	98899935	54.338m	53.726
3) MA gamma-BHC...	5.705	6.481	34818680	93241012	51.907	53.771
4) MA Heptachlor	6.112	7.129	36746462	92436140	51.214	56.909
5) MB Aldrin	6.436	7.499	33562701	88698776	52.486	54.623
6) B beta-BHC	6.087	6.738	16815436	45836540	51.766	53.496
7) B delta-BHC	6.346	7.004	34955954	91078367	52.818	54.464
8) B Heptachlo...	7.013	7.966	33467152	84481193	51.476	55.428
9) A Endosulfan I	7.415	8.371	32173620	78470892	52.523	54.546
10) B gamma-Chl...	7.290	8.236	34440217	83936339	51.882	54.210
11) B alpha-Chl...	7.360	8.317	34602530	82356509	51.927	54.147
12) B 4,4'-DDE	7.575	8.506	30766852	80353361	52.807	54.458
13) MA Dieldrin	7.702	8.661	32717562	81709478	52.414	56.076
14) MA Endrin	7.993	8.899	29534654	66305400	52.092	57.244
15) B Endosulfa...	8.304	9.135	29902075	69789301	49.397	57.141
16) A 4,4'-DDD	8.160	9.046	27534513	66094276	54.192	54.921
17) MA 4,4'-DDT	8.421	9.363	28621805	69803217	52.042	55.330
18) B Endrin al...	8.492	9.269	23994941	54885031	52.816	56.755
19) B Endosulfa...	8.723	9.507	32205325	68701691	52.206	55.431
20) A Methoxychlor	9.016	9.850	17762190	35394739	48.552	52.297
21) B Endrin ke...	9.241	10.004	39159813	80240534	54.765	55.898
22) Mirex	9.425	10.468	31768679	56669141	51.729	54.406

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110821\
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 Acq On : 08 Nov 2021 14:25
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

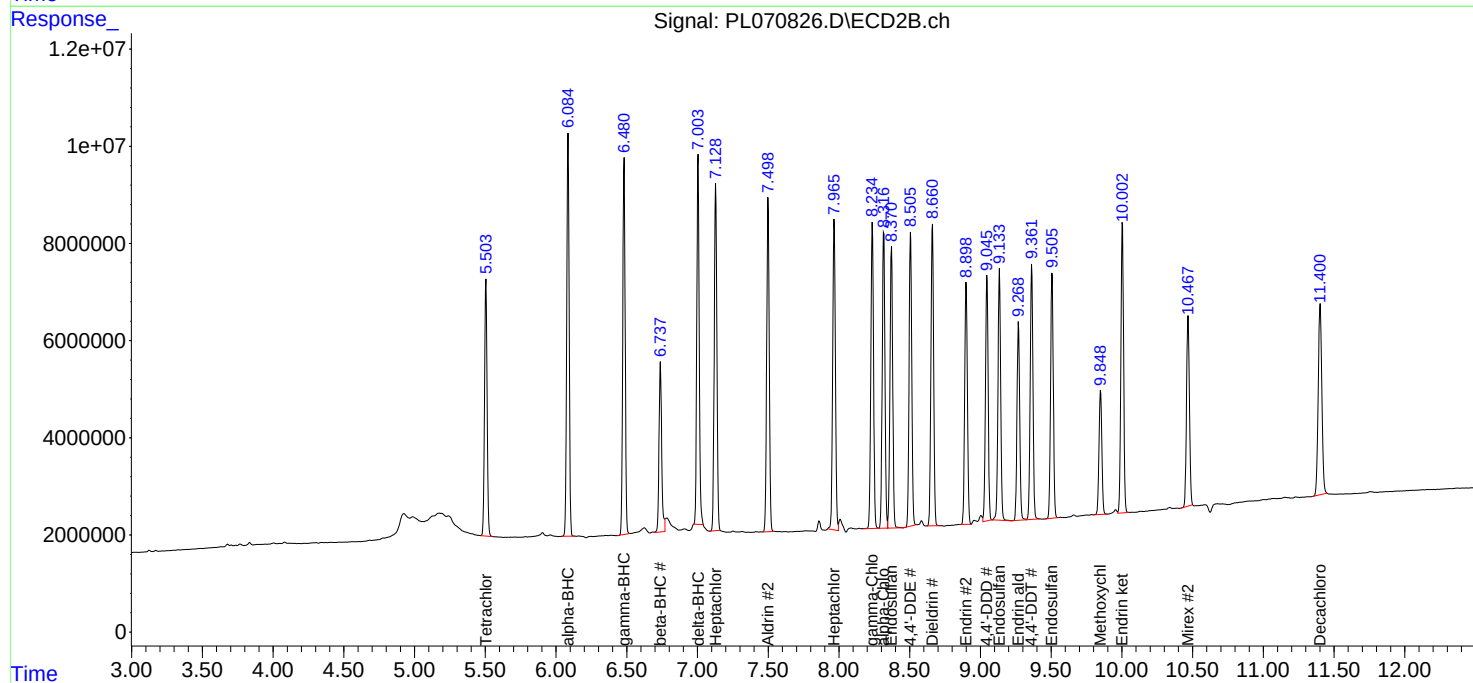
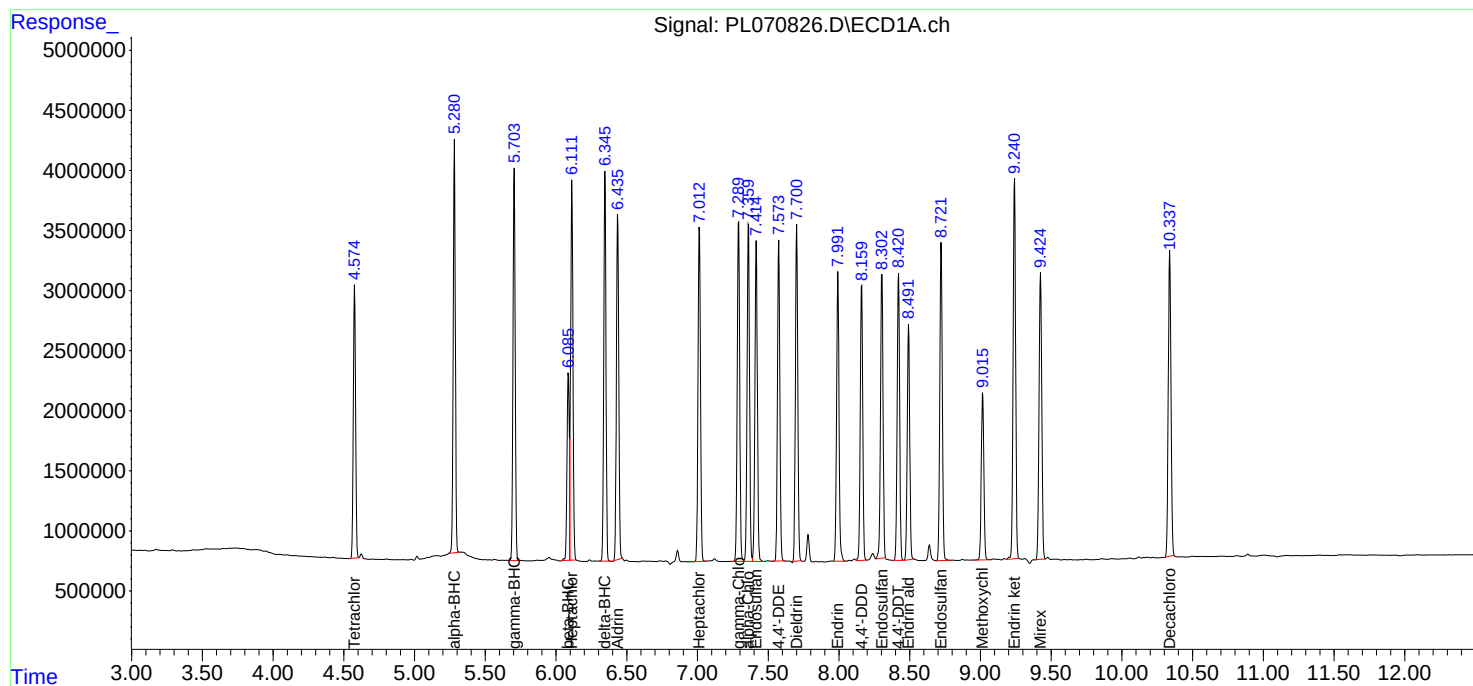
Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

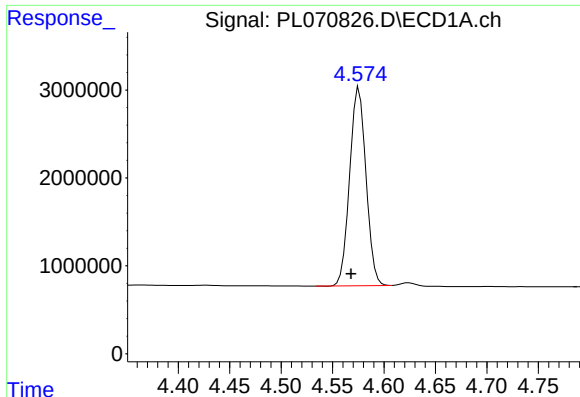
Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 11/09/2021

Integration File signal 1: autoint1.e
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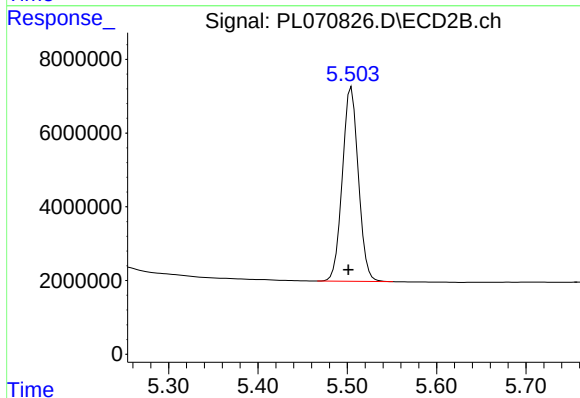
#1 Tetrachloro-m-xylene

R.T.: 4.576 min
Delta R.T.: 0.008 min
Response: 24960170
Conc: 50.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

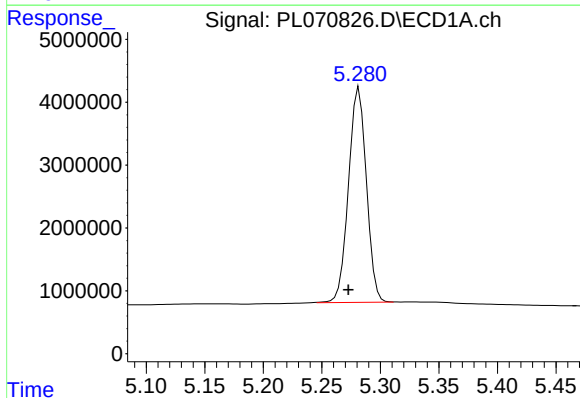
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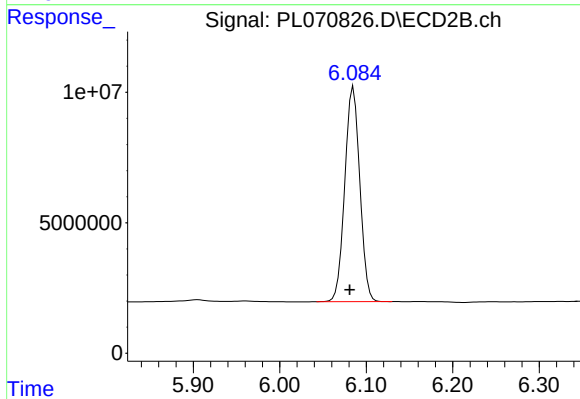
#1 Tetrachloro-m-xylene

R.T.: 5.505 min
Delta R.T.: 0.003 min
Response: 65475902
Conc: 51.93 ng/ml



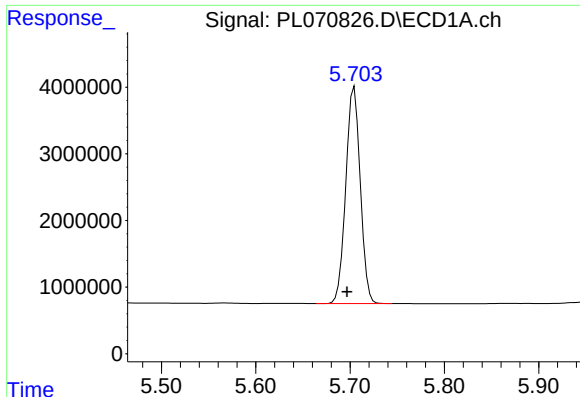
#2 alpha-BHC

R.T.: 5.280 min
Delta R.T.: 0.008 min
Response: 36374495
Conc: 54.34 ng/ml m



#2 alpha-BHC

R.T.: 6.085 min
Delta R.T.: 0.004 min
Response: 98899935
Conc: 53.73 ng/ml



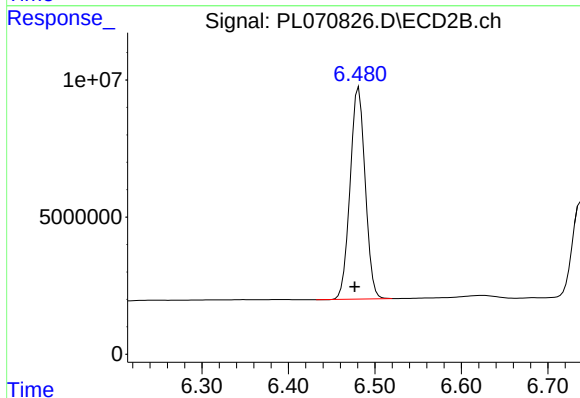
#3 gamma-BHC (Lindane)

R.T.: 5.705 min
Delta R.T.: 0.008 min
Response: 34818680
Conc: 51.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

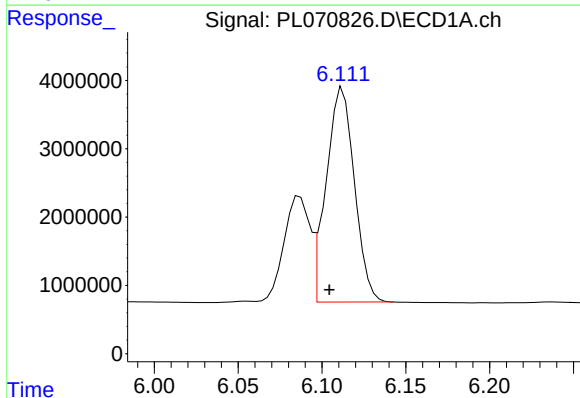
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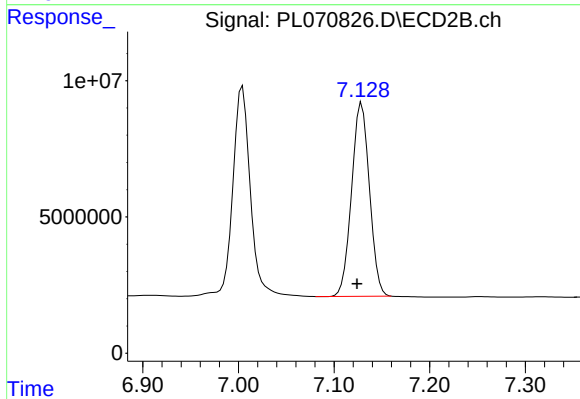
#3 gamma-BHC (Lindane)

R.T.: 6.481 min
Delta R.T.: 0.005 min
Response: 93241012
Conc: 53.77 ng/ml



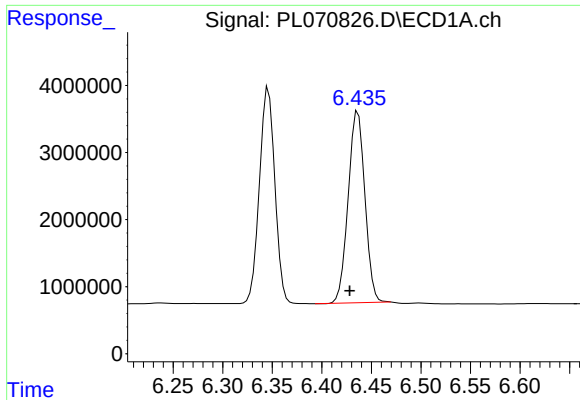
#4 Heptachlor

R.T.: 6.112 min
Delta R.T.: 0.008 min
Response: 36746462
Conc: 51.21 ng/ml



#4 Heptachlor

R.T.: 7.129 min
Delta R.T.: 0.005 min
Response: 92436140
Conc: 56.91 ng/ml



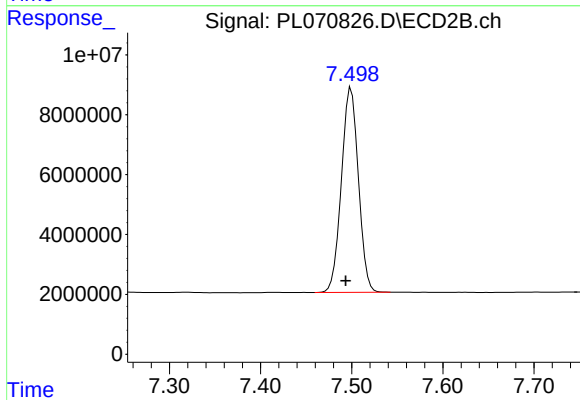
#5 Aldrin

R.T.: 6.436 min
Delta R.T.: 0.008 min
Response: 33562701
Conc: 52.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

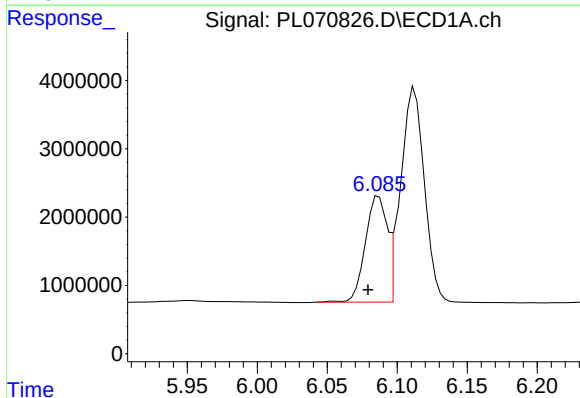
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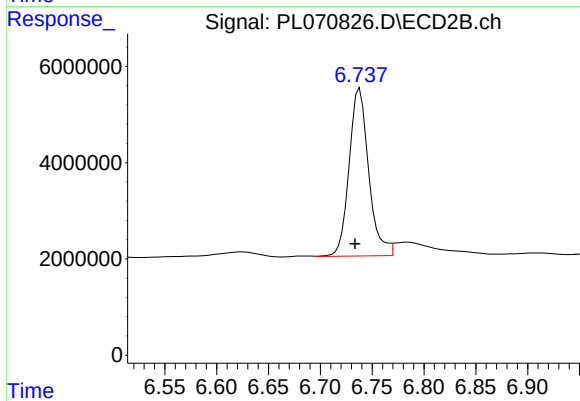
#5 Aldrin

R.T.: 7.499 min
Delta R.T.: 0.006 min
Response: 88698776
Conc: 54.62 ng/ml



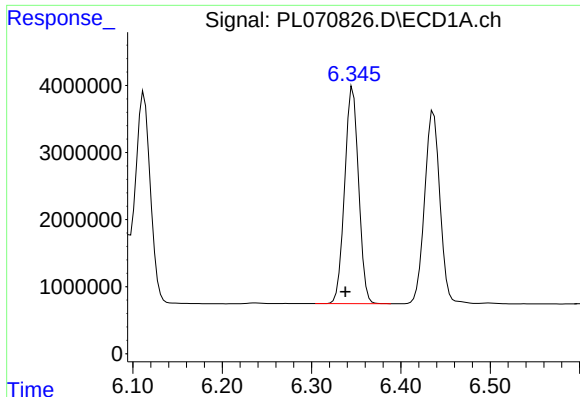
#6 beta-BHC

R.T.: 6.087 min
Delta R.T.: 0.008 min
Response: 16815436
Conc: 51.77 ng/ml



#6 beta-BHC

R.T.: 6.738 min
Delta R.T.: 0.005 min
Response: 45836540
Conc: 53.50 ng/ml



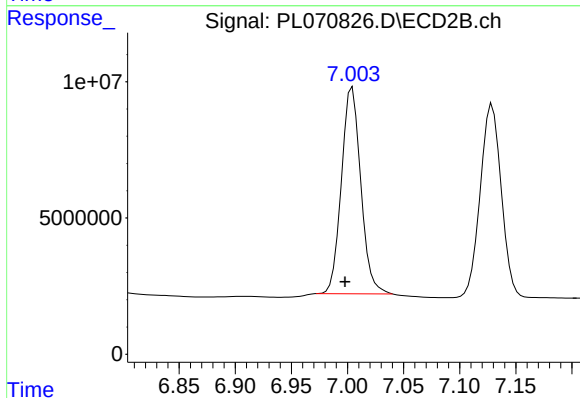
#7 delta-BHC

R.T.: 6.346 min
Delta R.T.: 0.008 min
Response: 34955954
Conc: 52.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

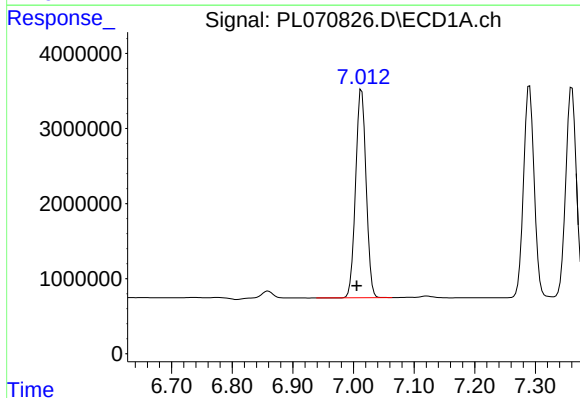
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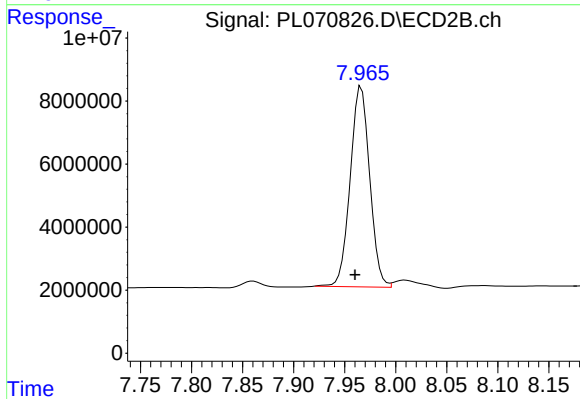
#7 delta-BHC

R.T.: 7.004 min
Delta R.T.: 0.007 min
Response: 91078367
Conc: 54.46 ng/ml



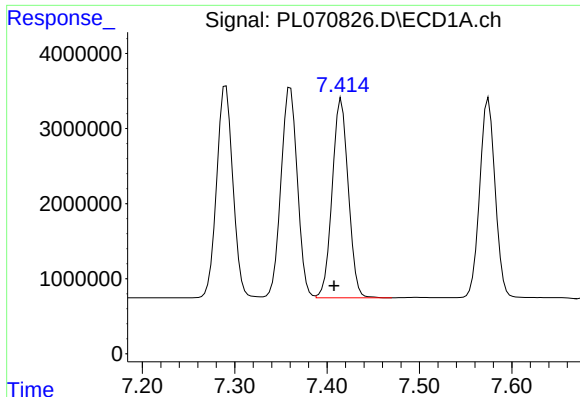
#8 Heptachlor epoxide

R.T.: 7.013 min
Delta R.T.: 0.008 min
Response: 33467152
Conc: 51.48 ng/ml



#8 Heptachlor epoxide

R.T.: 7.966 min
Delta R.T.: 0.006 min
Response: 84481193
Conc: 55.43 ng/ml



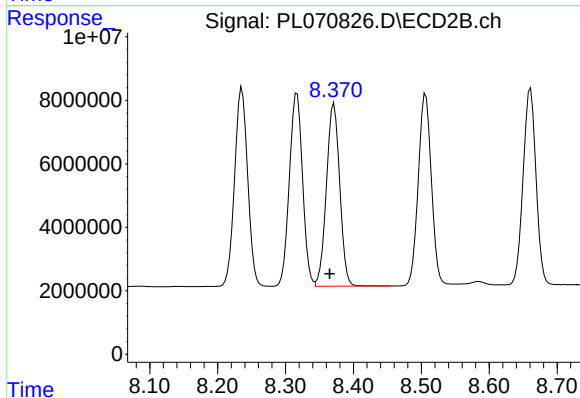
#9 Endosulfan I

R.T.: 7.415 min
Delta R.T.: 0.008 min
Response: 32173620
Conc: 52.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

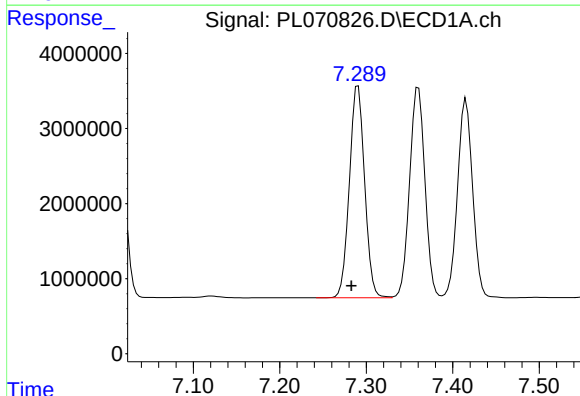
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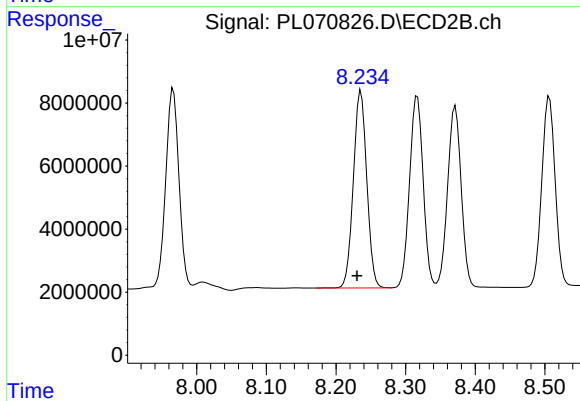
#9 Endosulfan I

R.T.: 8.371 min
Delta R.T.: 0.006 min
Response: 78470892
Conc: 54.55 ng/ml



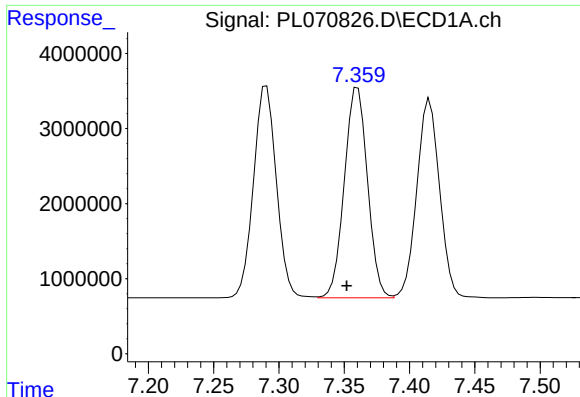
#10 gamma-Chlordane

R.T.: 7.290 min
Delta R.T.: 0.008 min
Response: 34440217
Conc: 51.88 ng/ml



#10 gamma-Chlordane

R.T.: 8.236 min
Delta R.T.: 0.006 min
Response: 83936339
Conc: 54.21 ng/ml



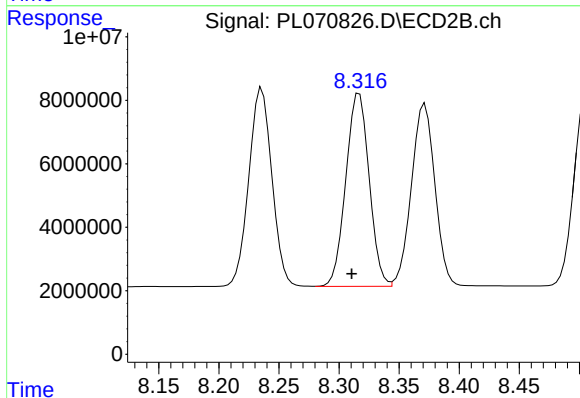
#11 alpha-Chlordane

R.T.: 7.360 min
Delta R.T.: 0.008 min
Response: 34602530
Conc: 51.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

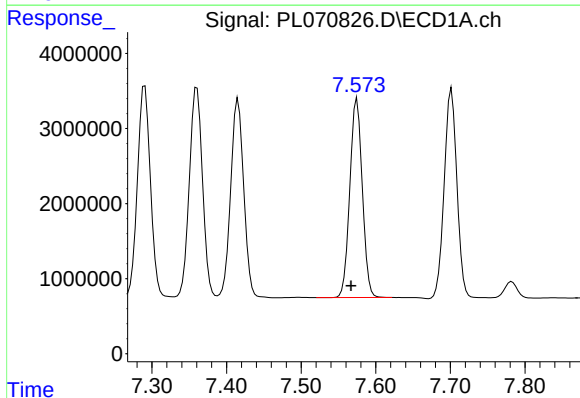
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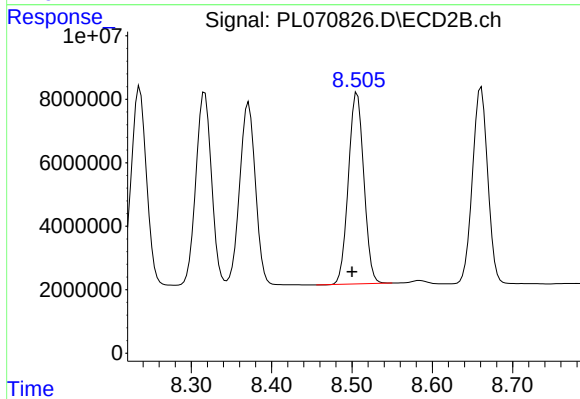
#11 alpha-Chlordane

R.T.: 8.317 min
Delta R.T.: 0.006 min
Response: 82356509
Conc: 54.15 ng/ml



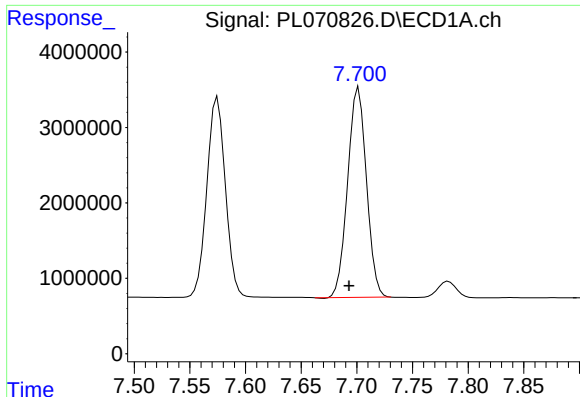
#12 4,4'-DDE

R.T.: 7.575 min
Delta R.T.: 0.008 min
Response: 30766852
Conc: 52.81 ng/ml



#12 4,4'-DDE

R.T.: 8.506 min
Delta R.T.: 0.006 min
Response: 80353361
Conc: 54.46 ng/ml



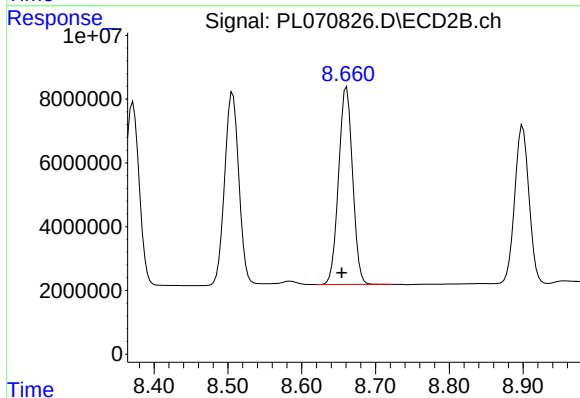
#13 Dieldrin

R.T.: 7.702 min
Delta R.T.: 0.009 min
Response: 32717562
Conc: 52.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

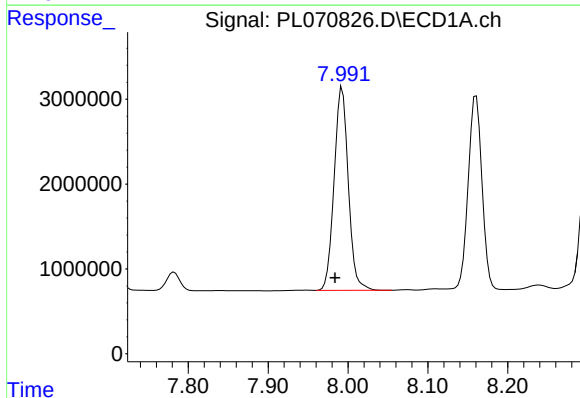
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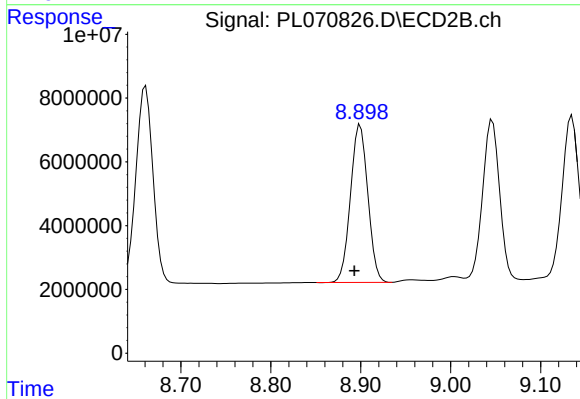
#13 Dieldrin

R.T.: 8.661 min
Delta R.T.: 0.007 min
Response: 81709478
Conc: 56.08 ng/ml



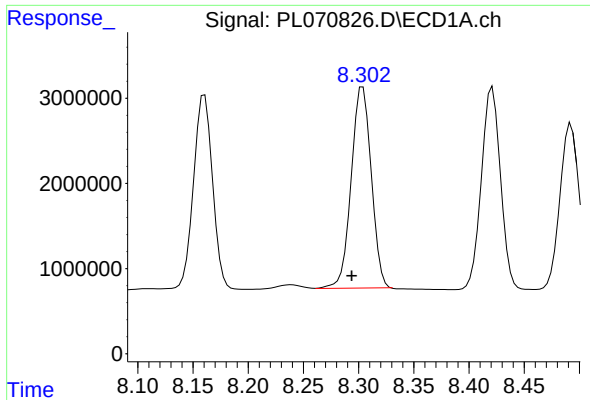
#14 Endrin

R.T.: 7.993 min
Delta R.T.: 0.009 min
Response: 29534654
Conc: 52.09 ng/ml



#14 Endrin

R.T.: 8.899 min
Delta R.T.: 0.007 min
Response: 66305400
Conc: 57.24 ng/ml



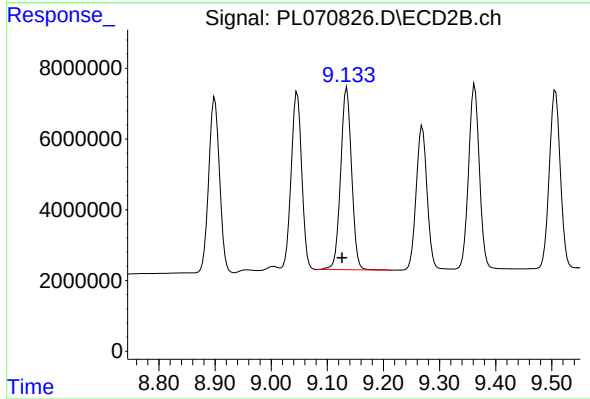
#15 Endosulfan II

R.T.: 8.304 min
Delta R.T.: 0.010 min
Response: 29902075
Conc: 49.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

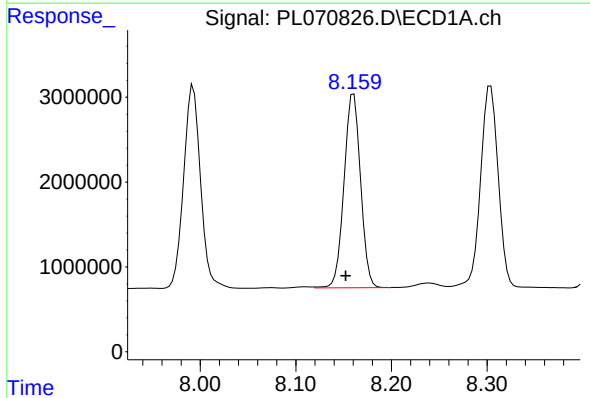
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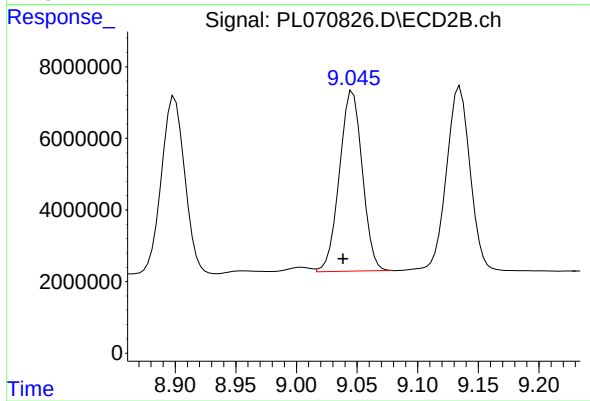
#15 Endosulfan II

R.T.: 9.135 min
Delta R.T.: 0.008 min
Response: 69789301
Conc: 57.14 ng/ml



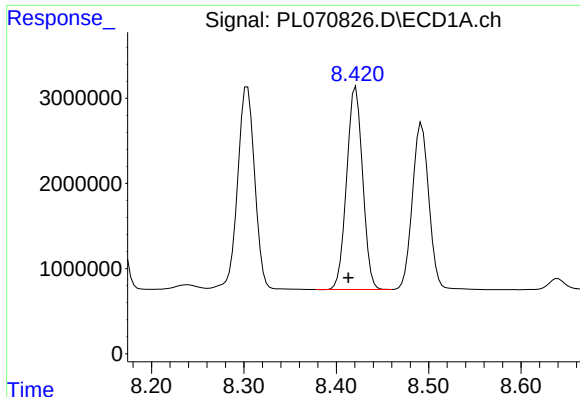
#16 4,4'-DDD

R.T.: 8.160 min
Delta R.T.: 0.008 min
Response: 27534513
Conc: 54.19 ng/ml



#16 4,4'-DDD

R.T.: 9.046 min
Delta R.T.: 0.008 min
Response: 66094276
Conc: 54.92 ng/ml



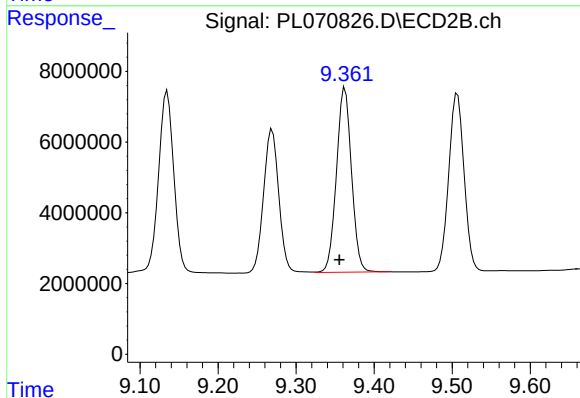
#17 4,4'-DDT

R.T.: 8.421 min
Delta R.T.: 0.008 min
Response: 28621805
Conc: 52.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

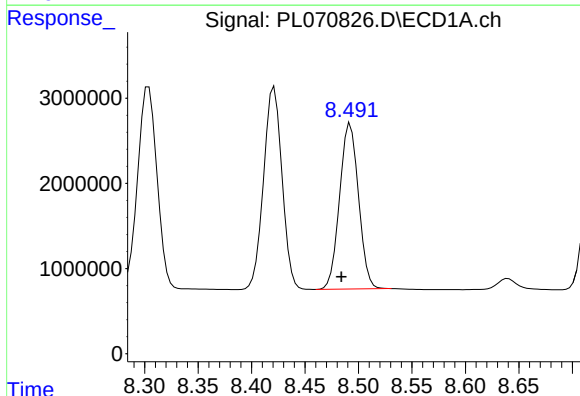
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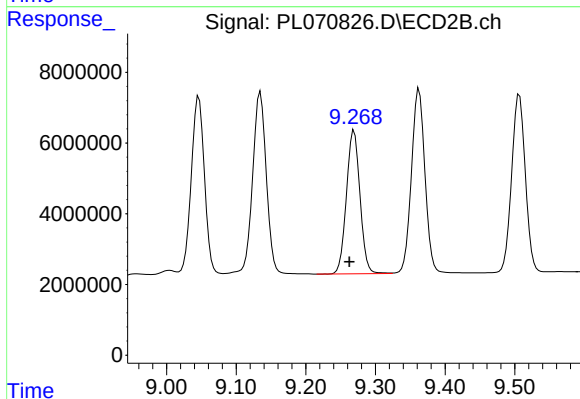
#17 4,4'-DDT

R.T.: 9.363 min
Delta R.T.: 0.007 min
Response: 69803217
Conc: 55.33 ng/ml



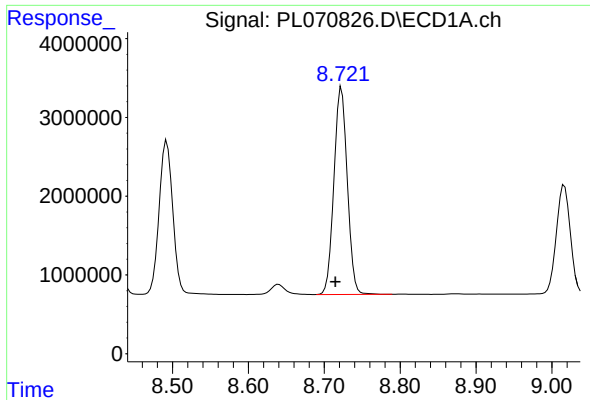
#18 Endrin aldehyde

R.T.: 8.492 min
Delta R.T.: 0.008 min
Response: 23994941
Conc: 52.82 ng/ml



#18 Endrin aldehyde

R.T.: 9.269 min
Delta R.T.: 0.007 min
Response: 54885031
Conc: 56.75 ng/ml



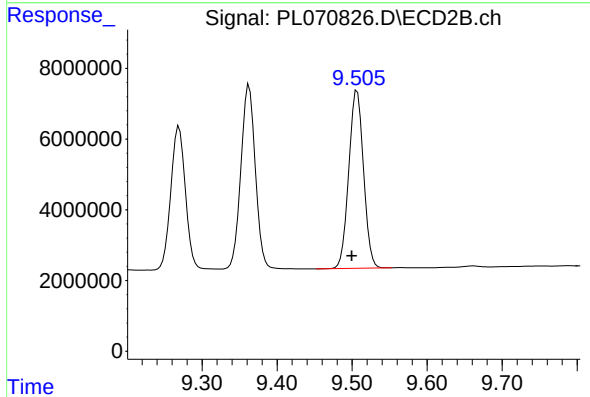
#19 Endosulfan Sulfate

R.T.: 8.723 min
Delta R.T.: 0.008 min
Response: 32205325
Conc: 52.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

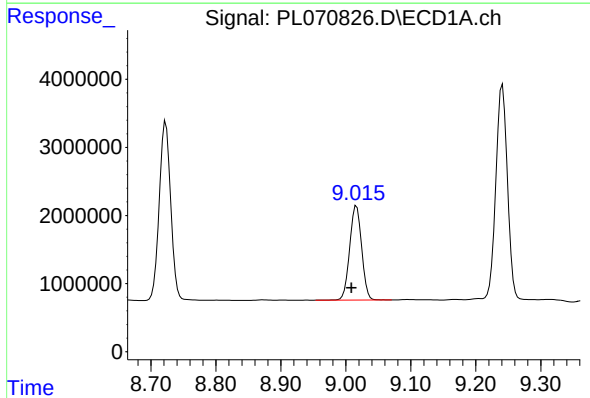
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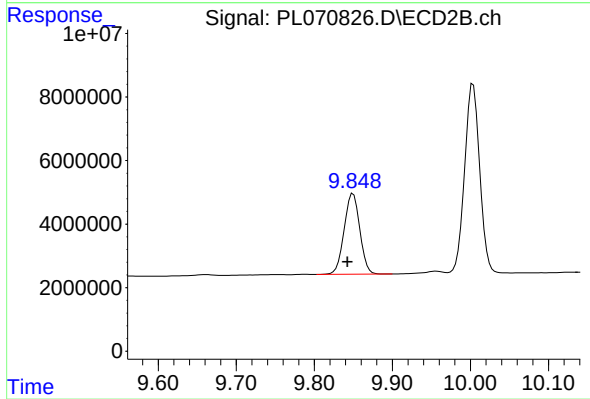
#19 Endosulfan Sulfate

R.T.: 9.507 min
Delta R.T.: 0.007 min
Response: 68701691
Conc: 55.43 ng/ml



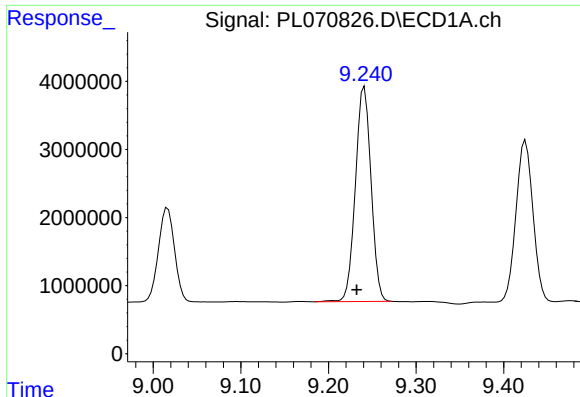
#20 Methoxychlor

R.T.: 9.016 min
Delta R.T.: 0.008 min
Response: 17762190
Conc: 48.55 ng/ml



#20 Methoxychlor

R.T.: 9.850 min
Delta R.T.: 0.007 min
Response: 35394739
Conc: 52.30 ng/ml



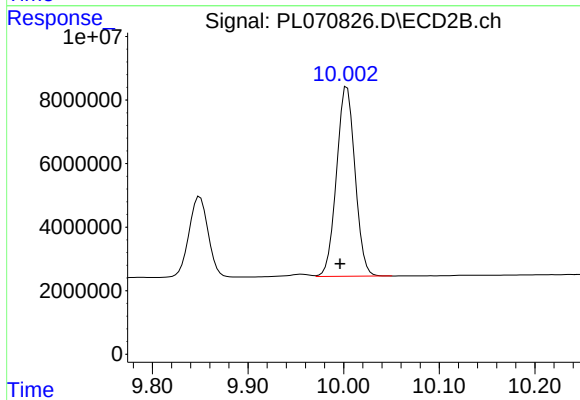
#21 Endrin ketone

R.T.: 9.241 min
Delta R.T.: 0.009 min
Response: 39159813
Conc: 54.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

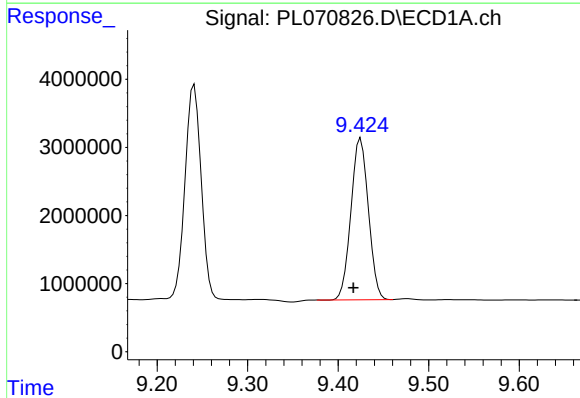
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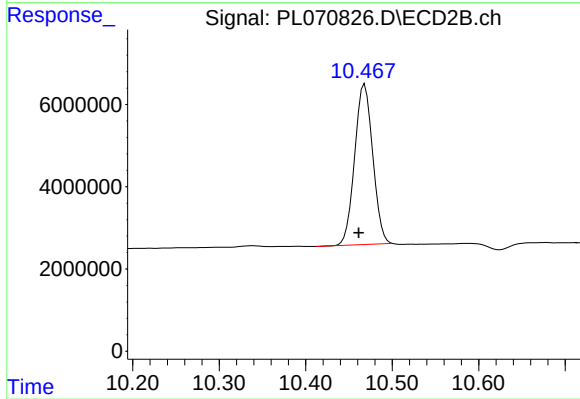
#21 Endrin ketone

R.T.: 10.004 min
Delta R.T.: 0.007 min
Response: 80240534
Conc: 55.90 ng/ml



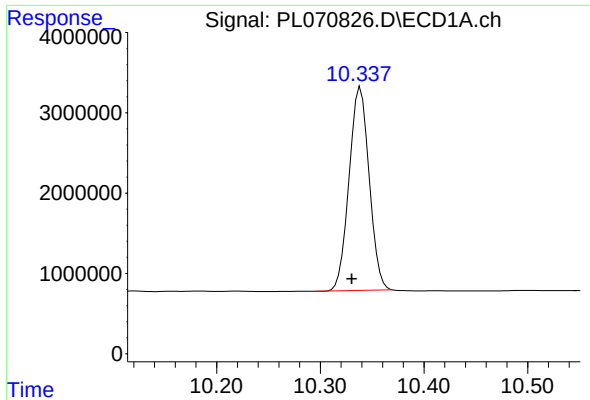
#22 Mirex

R.T.: 9.425 min
Delta R.T.: 0.008 min
Response: 31768679
Conc: 51.73 ng/ml



#22 Mirex

R.T.: 10.468 min
Delta R.T.: 0.007 min
Response: 56669141
Conc: 54.41 ng/ml



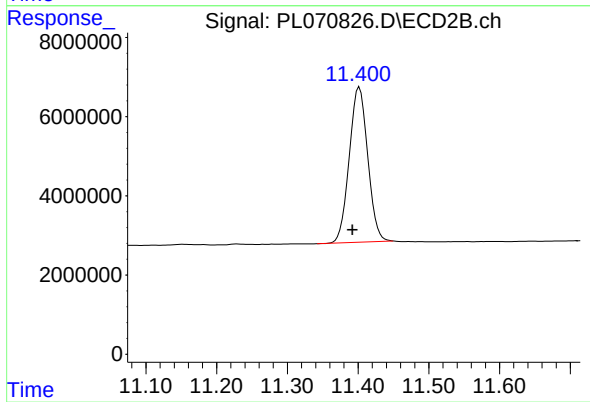
#28 Decachlorobiphenyl

R.T.: 10.339 min
Delta R.T.: 0.009 min
Response: 34102215
Conc: 49.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/09/2021
Supervised By :mohammad ahmed 11/09/2021



#28 Decachlorobiphenyl

R.T.: 11.402 min
Delta R.T.: 0.010 min
Response: 71164029
Conc: 53.21 ng/ml