

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032122\
 Data File : PL073524.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Mar 2022 14:53
 Operator : AR\AJ
 Sample : N2030-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MR-1MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/22/2022
 Supervised By :mohammad ahmed 03/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 22 01:28:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 2022
 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...	4.642	5.491	6044237	30680828	18.871	18.694
2)	SA Decachlor...	10.416	11.331	7980799	28093228	15.695	15.711
Target Compounds							
2)	A alpha-BHC	5.350	6.054	19868647	119.2E6	48.201	52.993
3)	MA gamma-BHC...	5.774	6.444	19915281	111.3E6	47.743	52.113
4)	MA Heptachlor	6.185	7.103	21096707	117.8E6	46.757	50.283
5)	MB Aldrin	6.511	7.471	19508260	110.7E6	47.216	52.842
6)	B beta-BHC	6.154	6.680	10072158	50548493	48.919	48.494
7)	B delta-BHC	6.415	6.947	19705662	110.4E6	49.062	51.274
8)	B Heptachlo...	7.087	7.926	20375016	102.2E6	47.276	51.152
9)	A Endosulfan I	7.490	8.326	19842219	92676284	48.370	50.771
10)	B gamma-Chl...	7.365	8.194	22651048	109.3E6	51.797	53.494
11)	B alpha-Chl...	7.435	8.277	22146174	107.7E6	50.112	53.863
12)	B 4,4'-DDE	7.649	8.462	17776227	89498372	49.538	49.933
13)	MA Dieldrin	7.778	8.612	19988811	91795445	47.978	49.761
14)	MA Endrin	8.068	8.846	19186550	75921949	49.449	49.319
15)	B Endosulfa...	8.379	9.070	18796509	73541161	48.088	47.884
16)	A 4,4'-DDD	8.234	8.988	15868792	73545935	48.866	50.384
17)	MA 4,4'-DDT	8.496	9.307	17498285	76030700	46.269	46.515
18)	B Endrin al...	8.567	9.201	14129358	56319776	44.678	45.926m
19)	B Endosulfa...	8.796	9.440	20473318	78480287	48.466m	49.795
20)	A Methoxychlor	9.091	9.786	11648476	40014683	45.407	44.408
21)	B Endrin ke...	9.318	9.928	22438706	75799094	45.866	45.922
22)	Mirex	9.506	10.404	23437923	72259377	49.703	53.192

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032122\
Data File : PL073524.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Mar 2022 14:53
Operator : AR\AJ
Sample : N2030-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

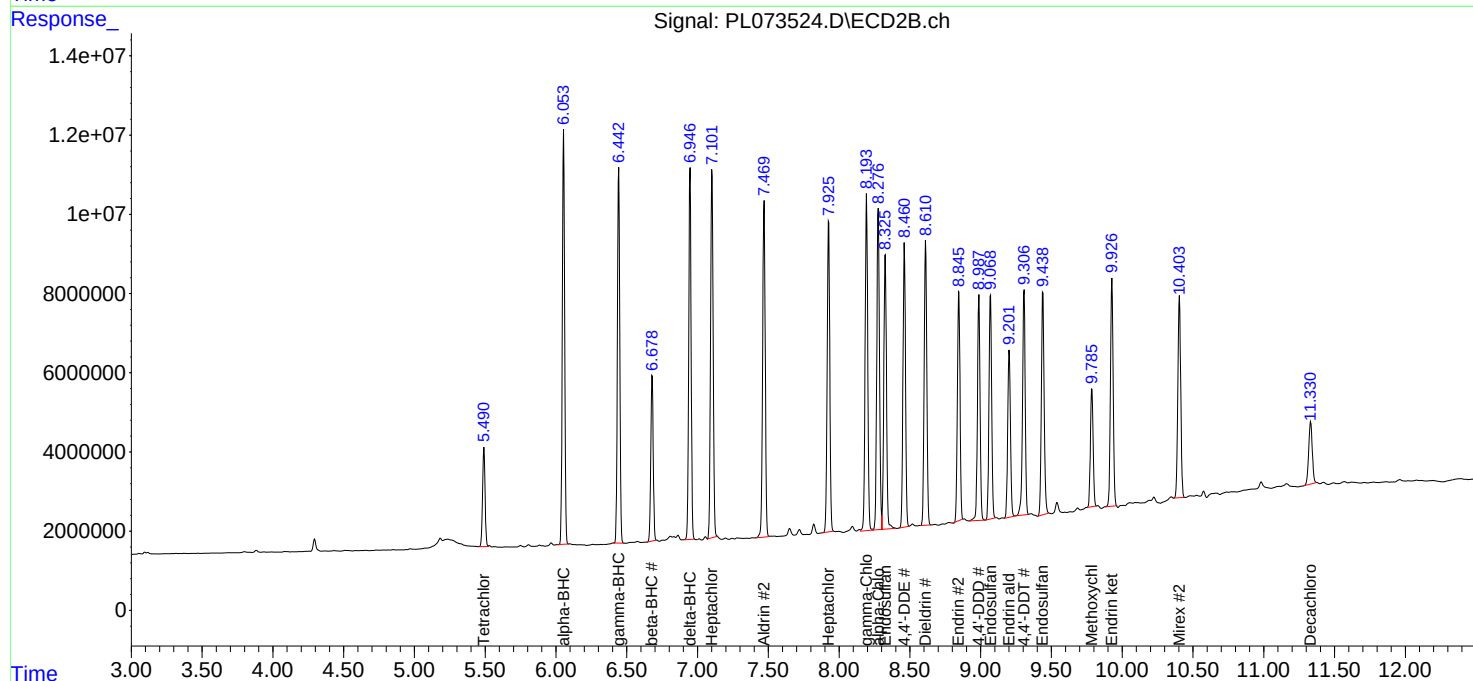
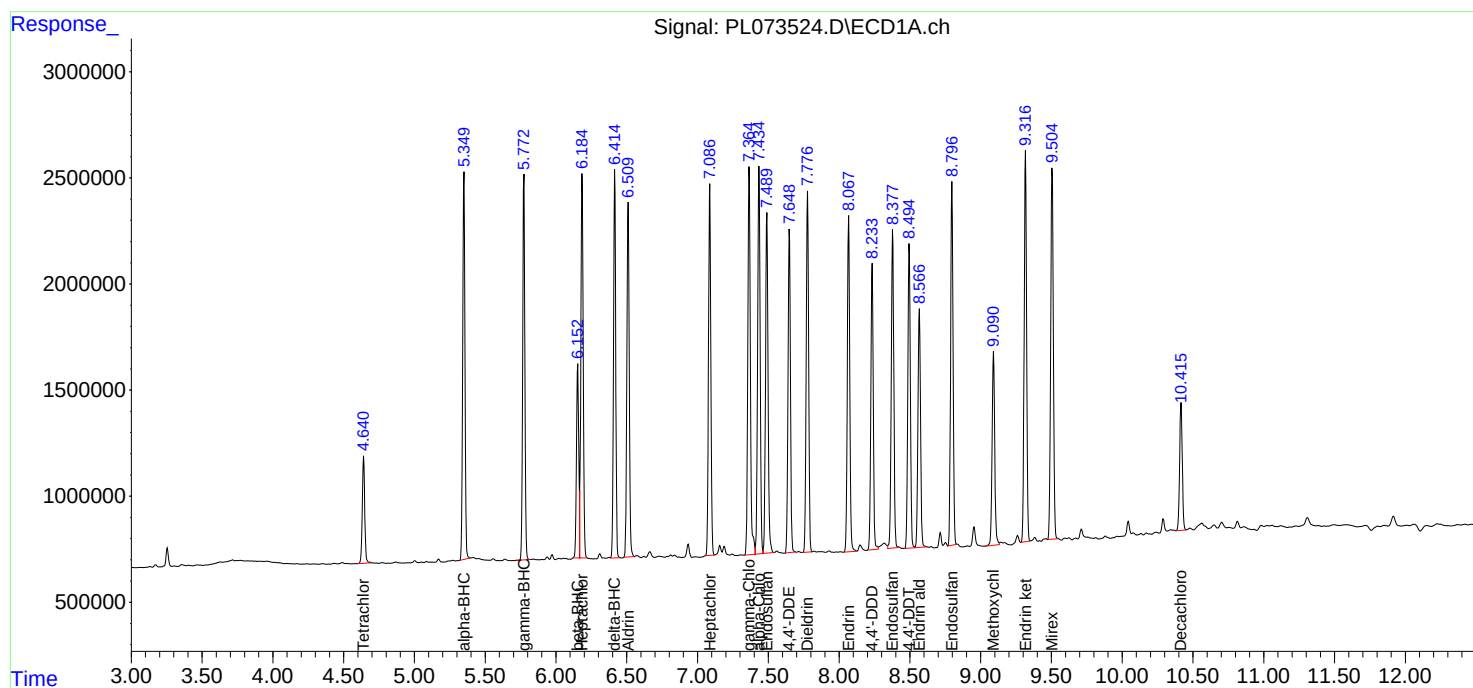
Instrument :
ECD_L
ClientSampleId :
MR-1MSD

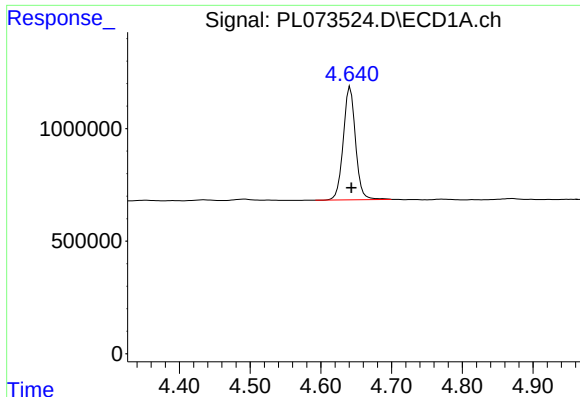
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 22 01:28:22 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
Quant Title : GC Extractables
QLast Update : Mon Mar 14 04:12:46 2022
Response via : Initial Calibration
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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





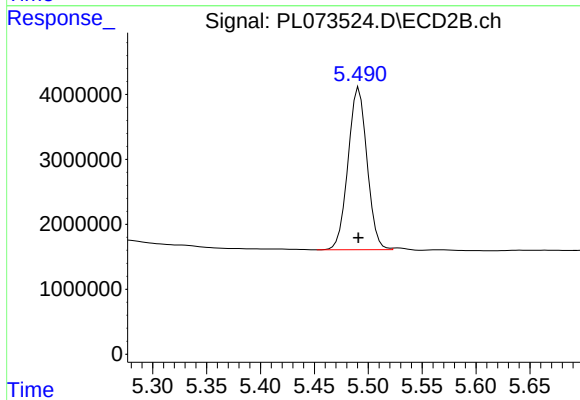
#1 Tetrachloro-m-xylene

R.T.: 4.642 min
Delta R.T.: -0.001 min
Response: 6044237
Conc: 18.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
MR-1MSD

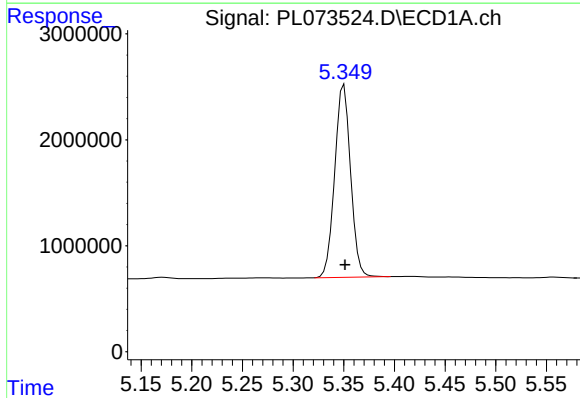
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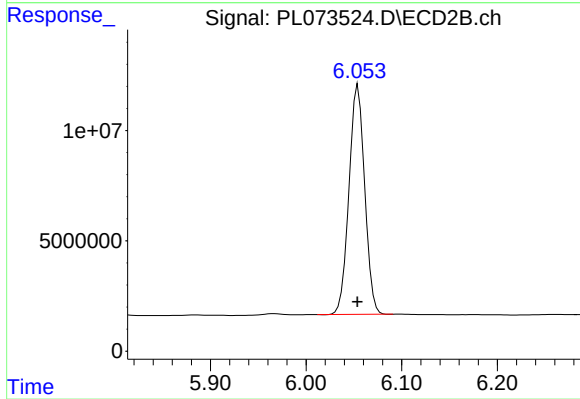
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 30680828
Conc: 18.69 ng/ml



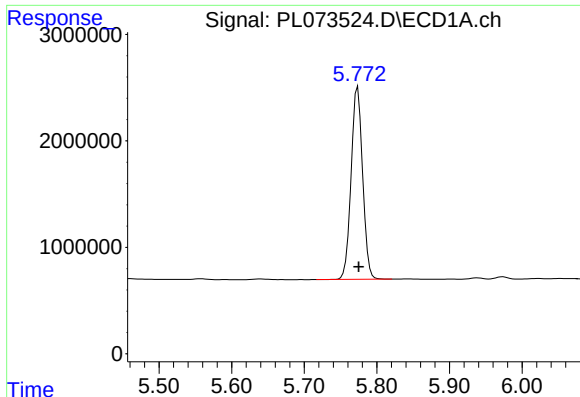
#2 alpha-BHC

R.T.: 5.350 min
Delta R.T.: 0.000 min
Response: 19868647
Conc: 48.20 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 119214761
Conc: 52.99 ng/ml



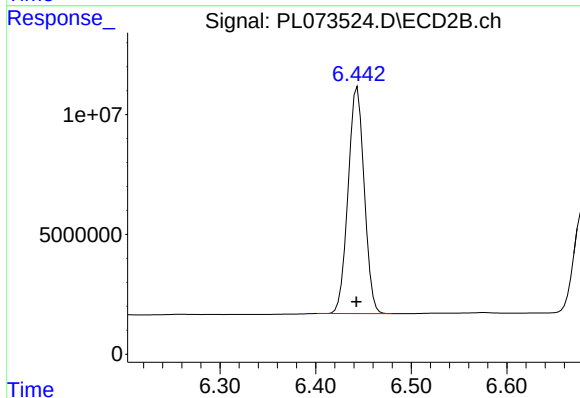
#3 gamma-BHC (Lindane)

R.T.: 5.774 min
Delta R.T.: -0.001 min
Response: 19915281
Conc: 47.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
MR-1MSD

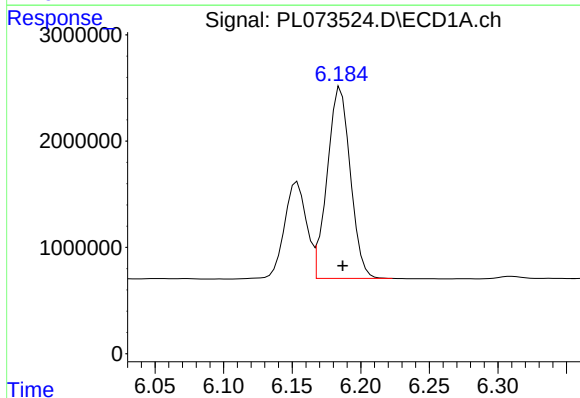
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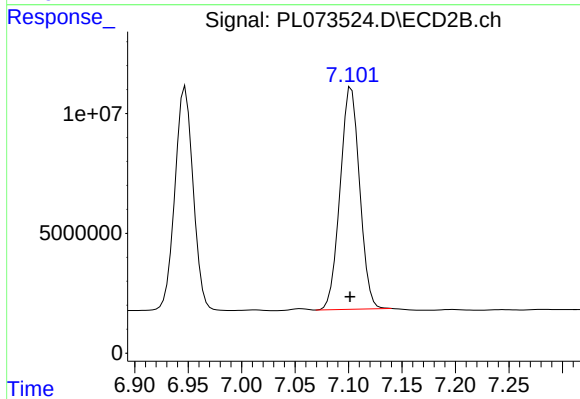
#3 gamma-BHC (Lindane)

R.T.: 6.444 min
Delta R.T.: 0.001 min
Response: 111265524
Conc: 52.11 ng/ml



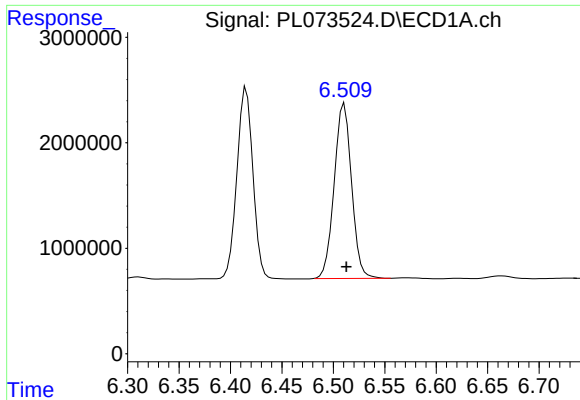
#4 Heptachlor

R.T.: 6.185 min
Delta R.T.: -0.002 min
Response: 21096707
Conc: 46.76 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.001 min
Response: 117817563
Conc: 50.28 ng/ml



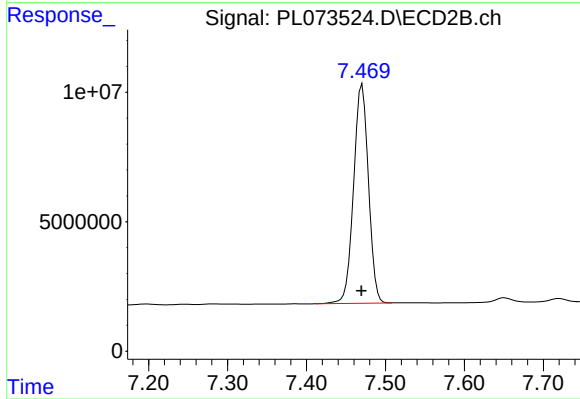
#5 Aldrin

R.T.: 6.511 min
Delta R.T.: -0.002 min
Response: 19508260
Conc: 47.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
MR-1MSD

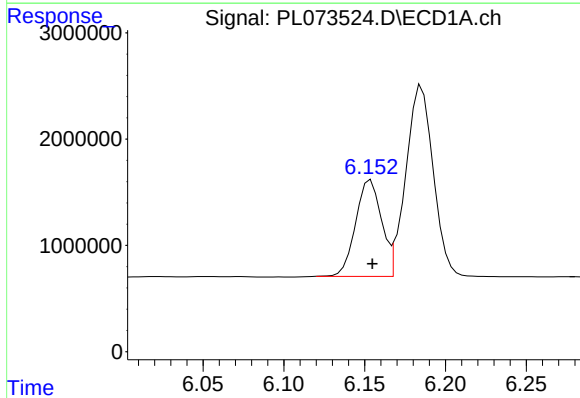
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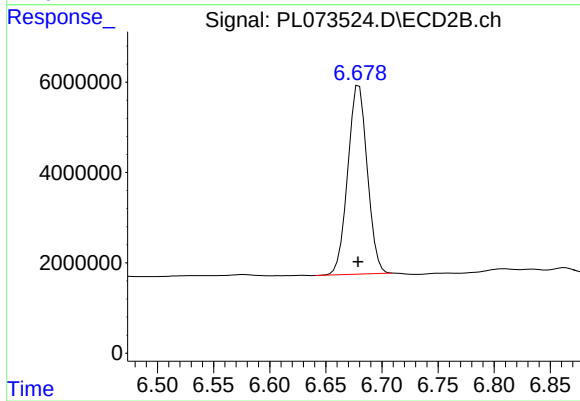
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.000 min
Response: 110702984
Conc: 52.84 ng/ml



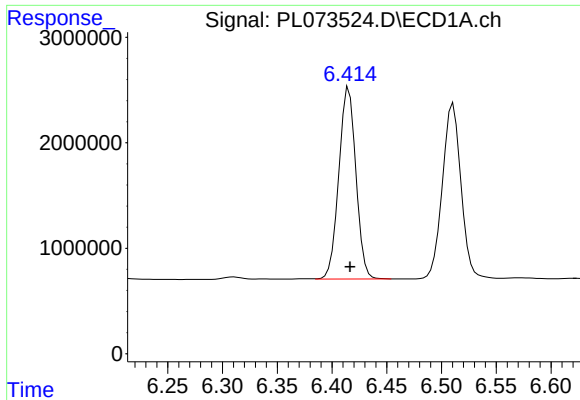
#6 beta-BHC

R.T.: 6.154 min
Delta R.T.: -0.001 min
Response: 10072158
Conc: 48.92 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 50548493
Conc: 48.49 ng/ml



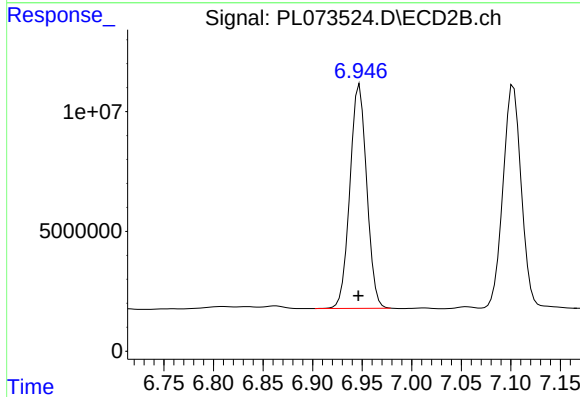
#7 delta-BHC

R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 19705662
Conc: 49.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
MR-1MSD

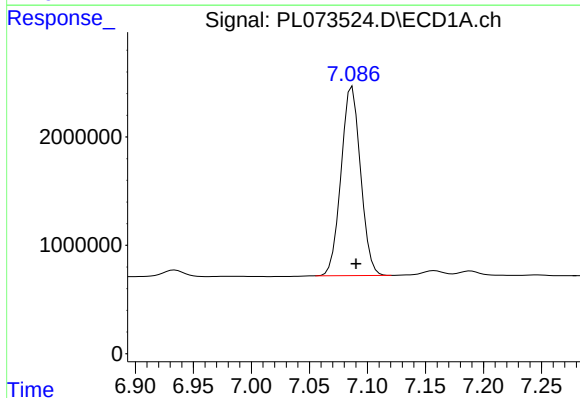
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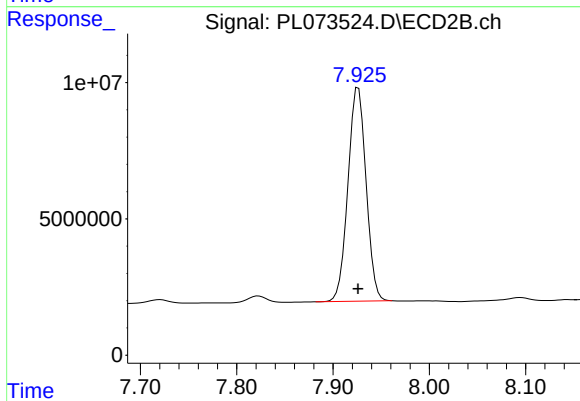
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.001 min
Response: 110422122
Conc: 51.27 ng/ml



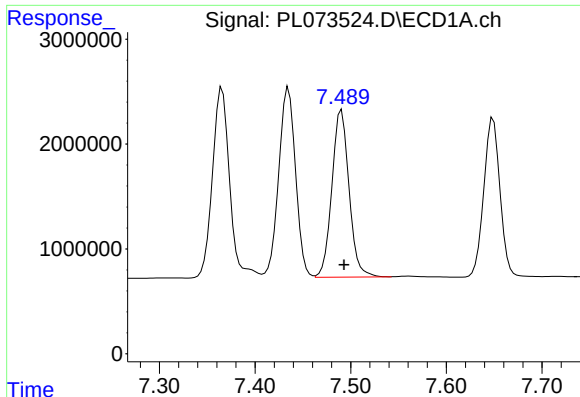
#8 Heptachlor epoxide

R.T.: 7.087 min
Delta R.T.: -0.003 min
Response: 20375016
Conc: 47.28 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 102165540
Conc: 51.15 ng/ml



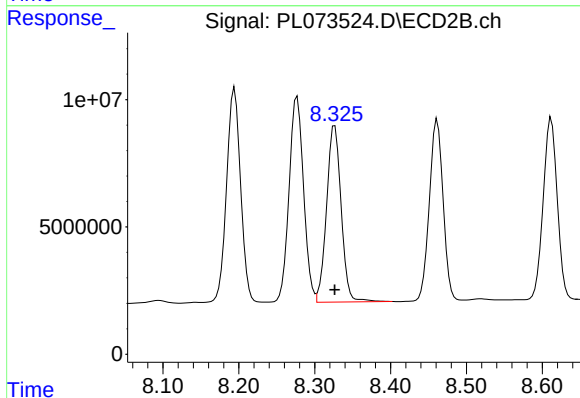
#9 Endosulfan I

R.T.: 7.490 min
Delta R.T.: -0.003 min
Response: 19842219
Conc: 48.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
MR-1MSD

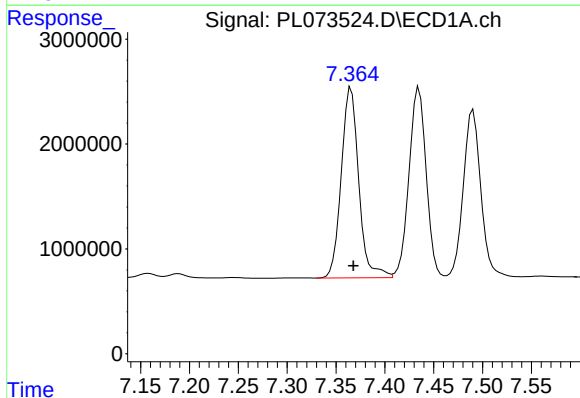
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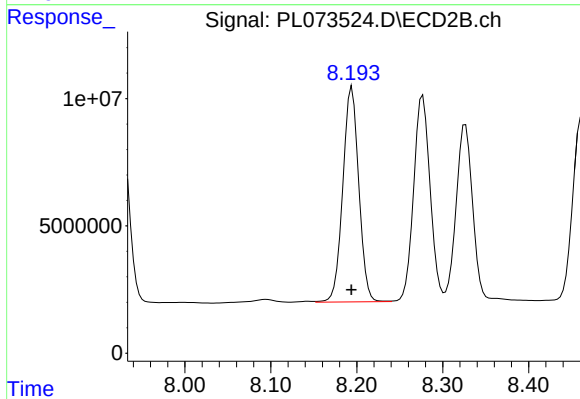
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: 0.000 min
Response: 92676284
Conc: 50.77 ng/ml



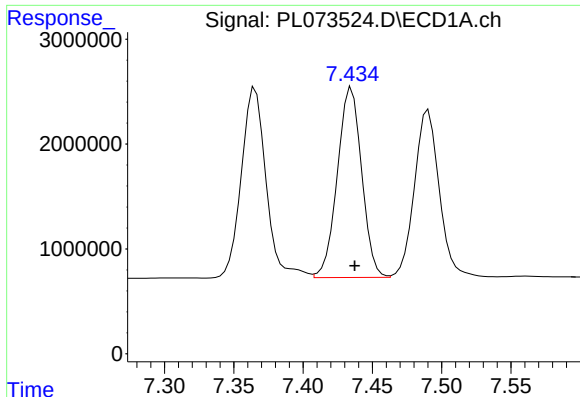
#10 gamma-Chlordane

R.T.: 7.365 min
Delta R.T.: -0.002 min
Response: 22651048
Conc: 51.80 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: 0.000 min
Response: 109255753
Conc: 53.49 ng/ml



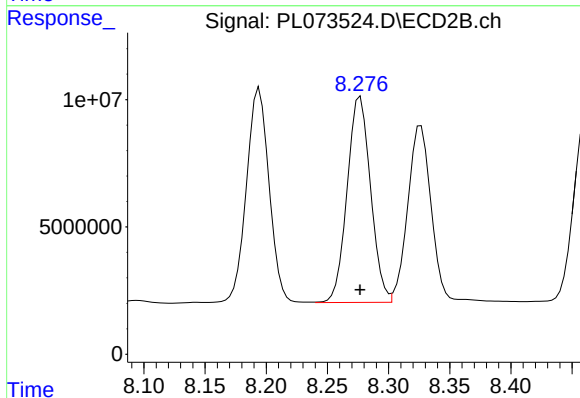
#11 alpha-Chlordane

R.T.: 7.435 min
Delta R.T.: -0.002 min
Response: 22146174
Conc: 50.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
MR-1MSD

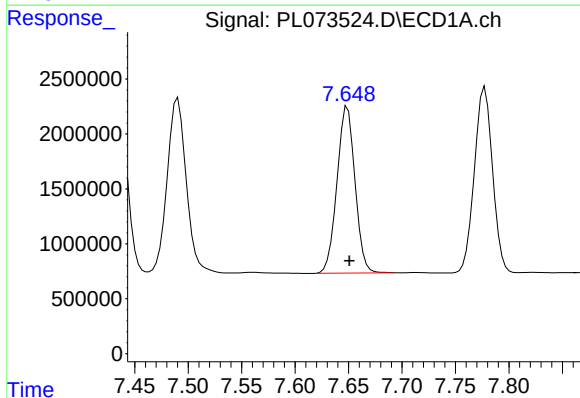
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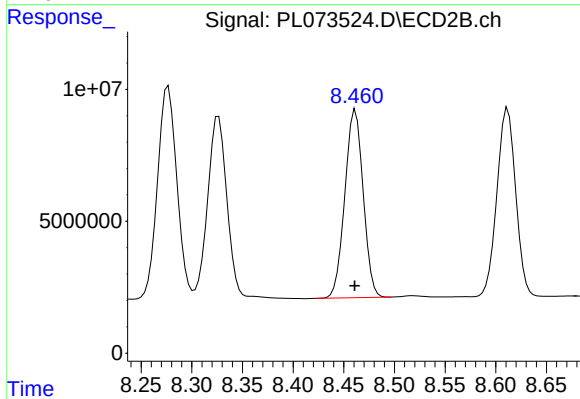
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 107726310
Conc: 53.86 ng/ml



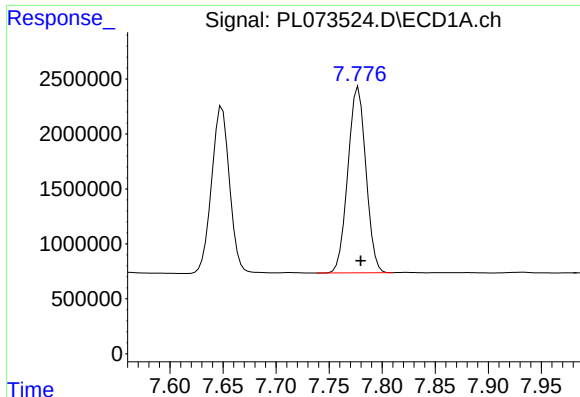
#12 4,4'-DDE

R.T.: 7.649 min
Delta R.T.: -0.002 min
Response: 17776227
Conc: 49.54 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 89498372
Conc: 49.93 ng/ml



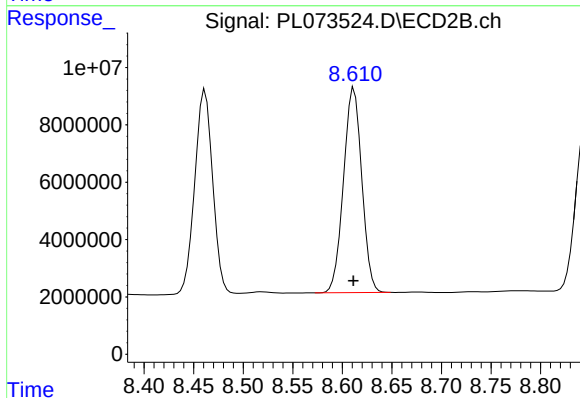
#13 Dieldrin

R.T.: 7.778 min
Delta R.T.: -0.002 min
Response: 19988811
Conc: 47.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
MR-1MSD

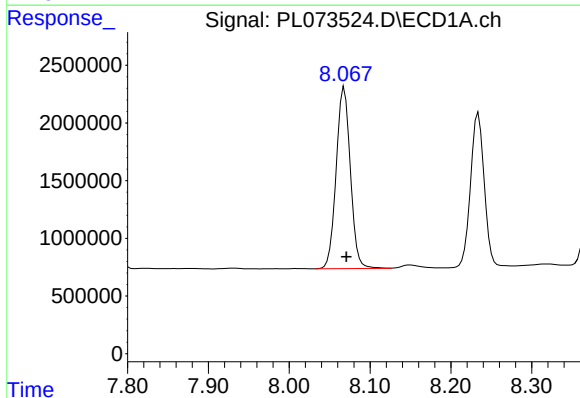
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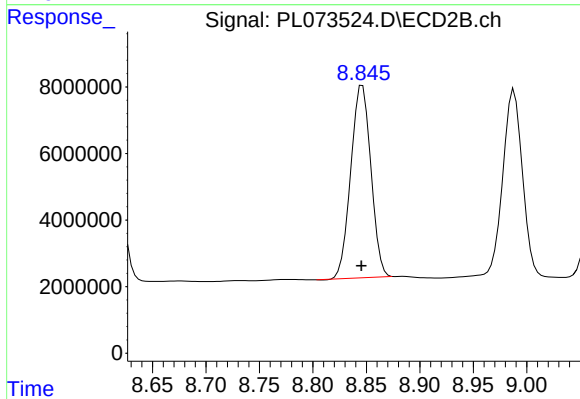
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 91795445
Conc: 49.76 ng/ml



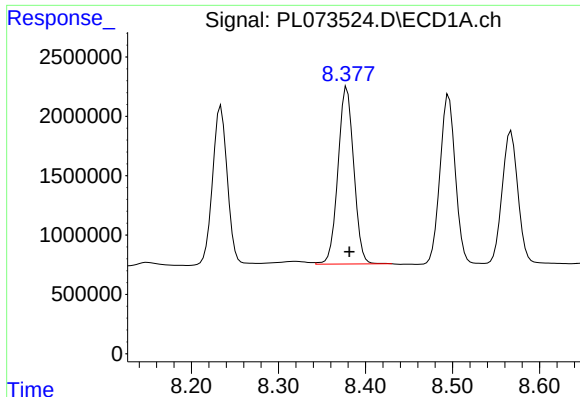
#14 Endrin

R.T.: 8.068 min
Delta R.T.: -0.003 min
Response: 19186550
Conc: 49.45 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 75921949
Conc: 49.32 ng/ml



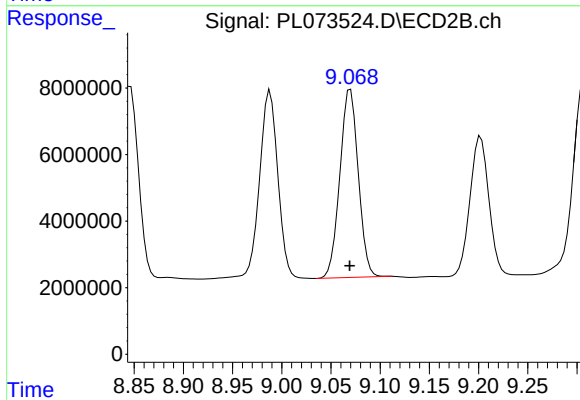
#15 Endosulfan II

R.T.: 8.379 min
Delta R.T.: -0.003 min
Response: 18796509
Conc: 48.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
MR-1MSD

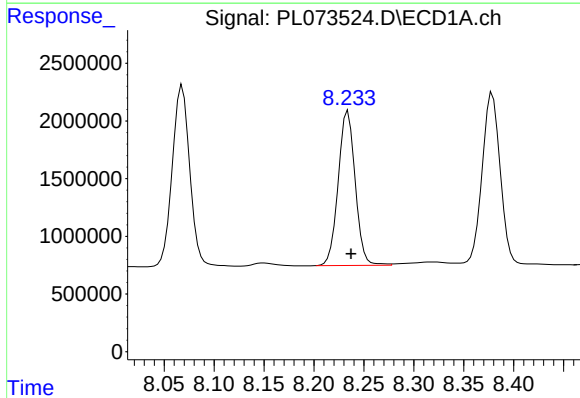
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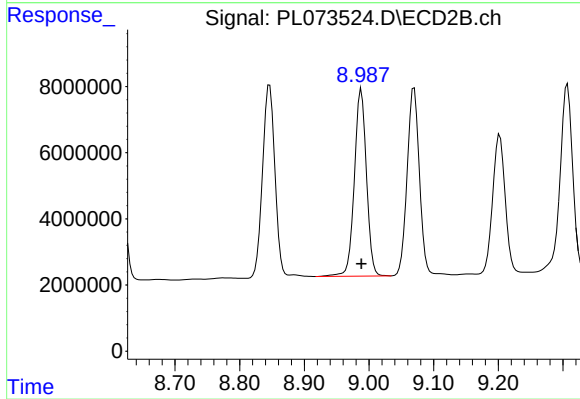
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 73541161
Conc: 47.88 ng/ml



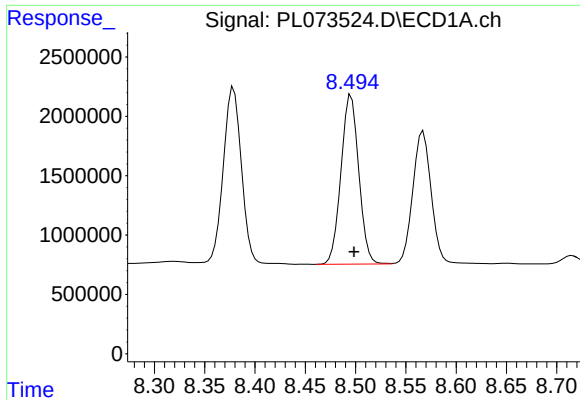
#16 4,4'-DDD

R.T.: 8.234 min
Delta R.T.: -0.003 min
Response: 15868792
Conc: 48.87 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: 0.000 min
Response: 73545935
Conc: 50.38 ng/ml



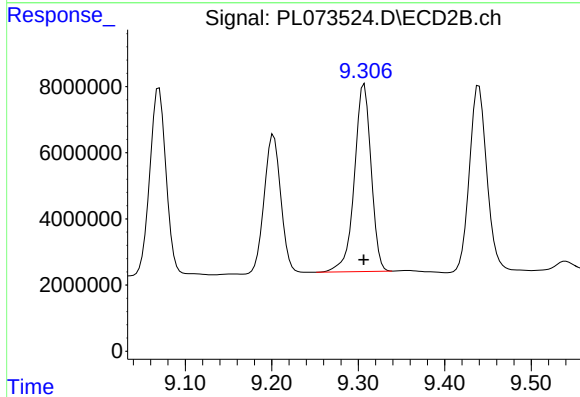
#17 4,4'-DDT

R.T.: 8.496 min
Delta R.T.: -0.003 min
Response: 17498285
Conc: 46.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
MR-1MSD

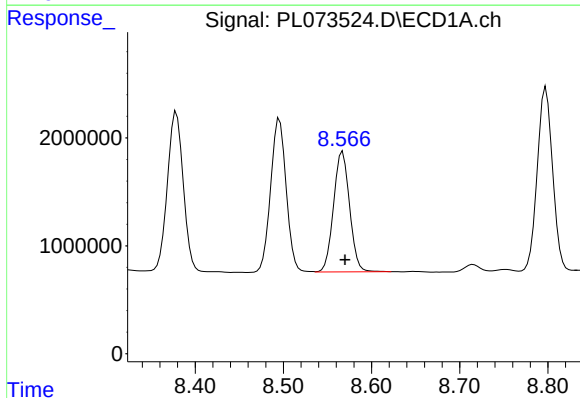
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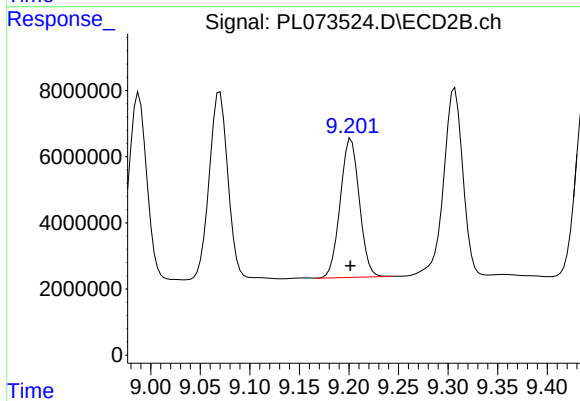
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 76030700
Conc: 46.52 ng/ml



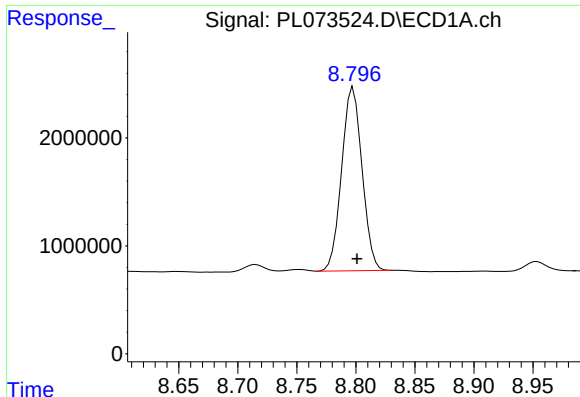
#18 Endrin aldehyde

R.T.: 8.567 min
Delta R.T.: -0.003 min
Response: 14129358
Conc: 44.68 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: 0.000 min
Response: 56319776
Conc: 45.93 ng/ml m



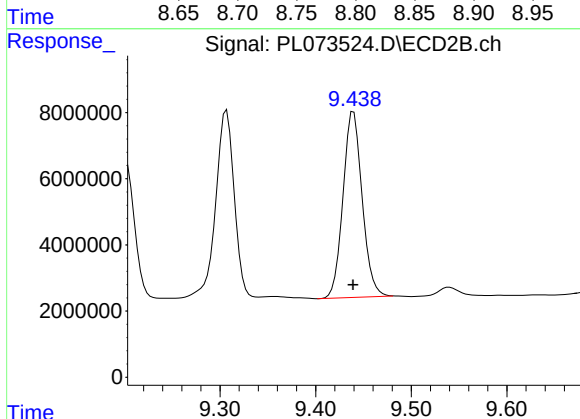
#19 Endosulfan Sulfate

R.T.: 8.796 min
Delta R.T.: -0.005 min
Response: 20473318
Conc: 48.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
MR-1MSD

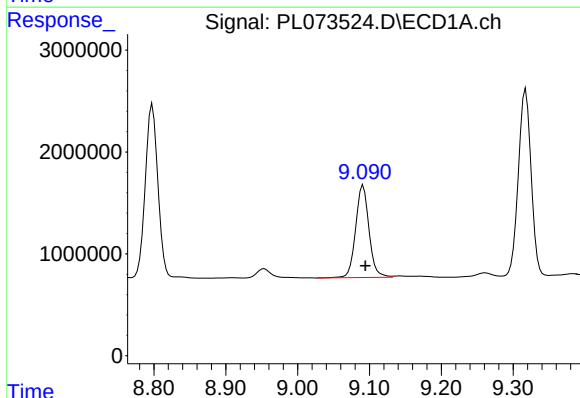
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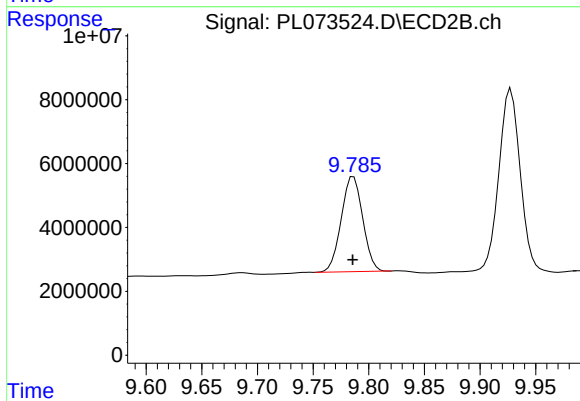
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: 0.000 min
Response: 78480287
Conc: 49.79 ng/ml



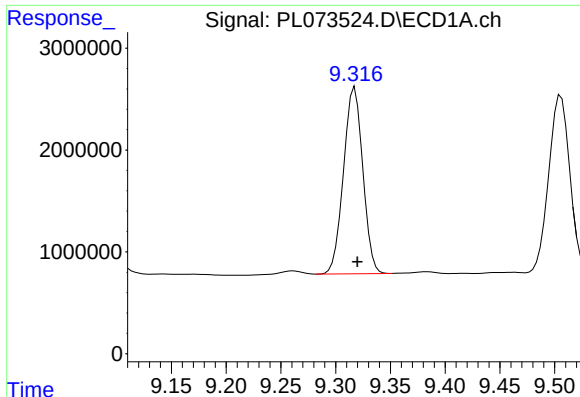
#20 Methoxychlor

R.T.: 9.091 min
Delta R.T.: -0.003 min
Response: 11648476
Conc: 45.41 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: 0.000 min
Response: 40014683
Conc: 44.41 ng/ml



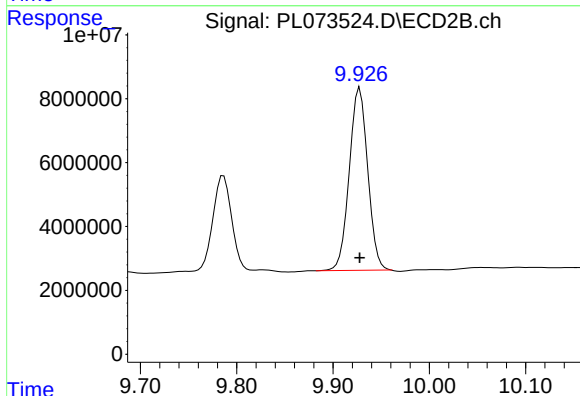
#21 Endrin ketone

R.T.: 9.318 min
Delta R.T.: -0.002 min
Response: 22438706
Conc: 45.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
MR-1MSD

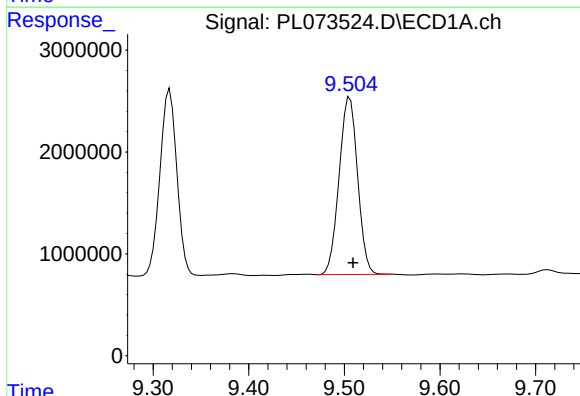
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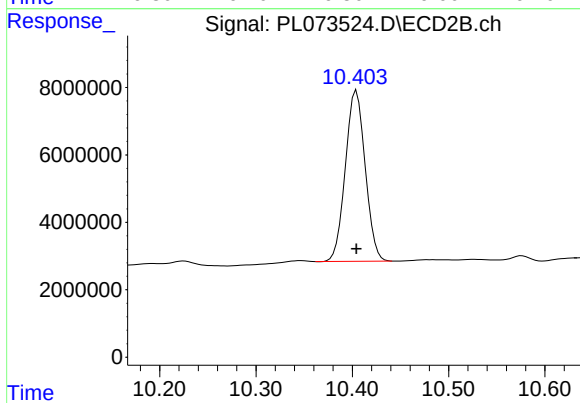
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 75799094
Conc: 45.92 ng/ml



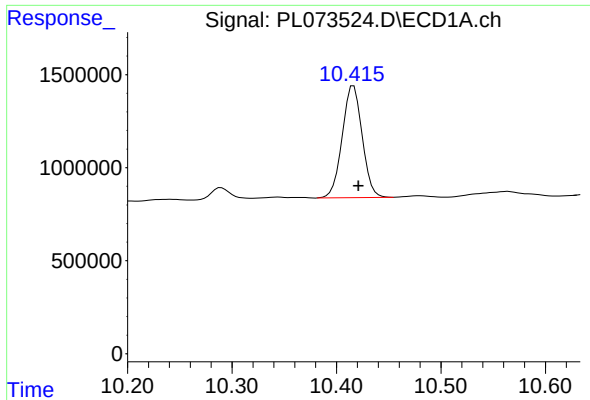
#22 Mirex

R.T.: 9.506 min
Delta R.T.: -0.003 min
Response: 23437923
Conc: 49.70 ng/ml



#22 Mirex

R.T.: 10.404 min
Delta R.T.: 0.000 min
Response: 72259377
Conc: 53.19 ng/ml



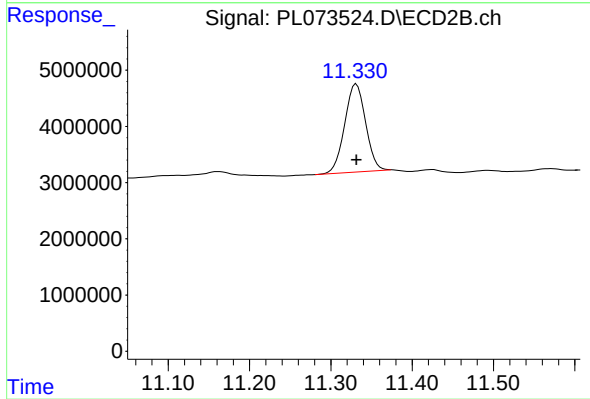
#28 Decachlorobiphenyl

R.T.: 10.416 min
Delta R.T.: -0.005 min
Response: 7980799
Conc: 15.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
MR-1MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/22/2022
Supervised By :mohammad ahmed 03/23/2022



#28 Decachlorobiphenyl

R.T.: 11.331 min
Delta R.T.: 0.000 min
Response: 28093228
Conc: 15.71 ng/ml