

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050522\
 Data File : PL074560.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 May 2022 18:18
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/06/2022
 Supervised By :mohammad ahmed 05/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 06 02:13:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 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...	4.633	5.489	16123509	89041120	49.901	49.940
28)	SA Decachlor...	10.403	11.332	25906381	92030410	49.817	52.103
Target Compounds							
2)	A alpha-BHC	5.341	6.052	21660374	128.1E6	51.614	50.854
3)	MA gamma-BHC...	5.765	6.441	21727678	120.6E6	51.807	50.932
4)	MA Heptachlor	6.175	7.101	23156495	131.1E6	51.407	50.254
5)	MB Aldrin	6.500	7.468	21942097	123.1E6	52.866	52.417
6)	B beta-BHC	6.145	6.679	10061427	55356664	49.242	49.118
7)	B delta-BHC	6.407	6.946	21945404	123.9E6	53.050	50.720
8)	B Heptachlo...	7.077	7.925	22535018	120.4E6	52.537	53.459
9)	A Endosulfan I	7.480	8.325	21794526	105.7E6	53.142	53.674
10)	B gamma-Chl...	7.354	8.194	23049302	115.4E6	52.553	51.747
11)	B alpha-Chl...	7.424	8.276	23316531	113.3E6	52.779	52.640
12)	B 4,4'-DDE	7.638	8.460	19285394	108.2E6	52.863	54.327
13)	MA Dieldrin	7.766	8.610	22259287	106.6E6	51.817	53.166
14)	MA Endrin	8.057	8.844	20539479	90830459	50.561	53.630m
15)	B Endosulfa...	8.368	9.068	20584751	86382499	49.944	49.724m
16)	A 4,4'-DDD	8.223	8.987	17418181	82875349	53.939	53.864m
17)	MA 4,4'-DDT	8.484	9.307	18499762	86982203	50.048	49.069
18)	B Endrin al...	8.556	9.202	16604341	66845188	51.319	51.753
19)	B Endosulfa...	8.787	9.440	21738146	85565687	50.906	51.412
20)	A Methoxychlor	9.079	9.787	11657396	48016359	46.955	49.921
21)	B Endrin ke...	9.305	9.928	25576567	91791586	52.352m	53.030
22)	Mirex	9.493	10.405	23084063	69764791	49.494	50.649

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050522\
 Data File : PL074560.D
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 Acq On : 05 May 2022 18:18
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

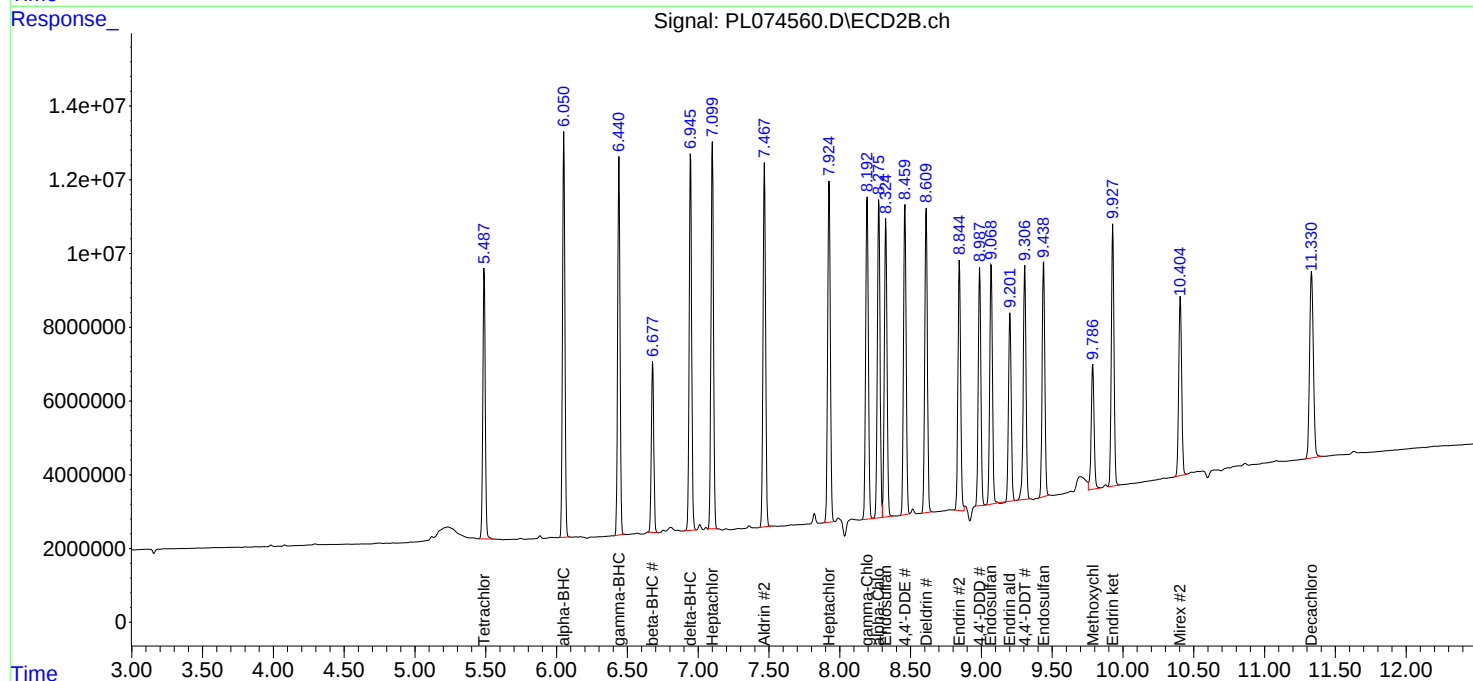
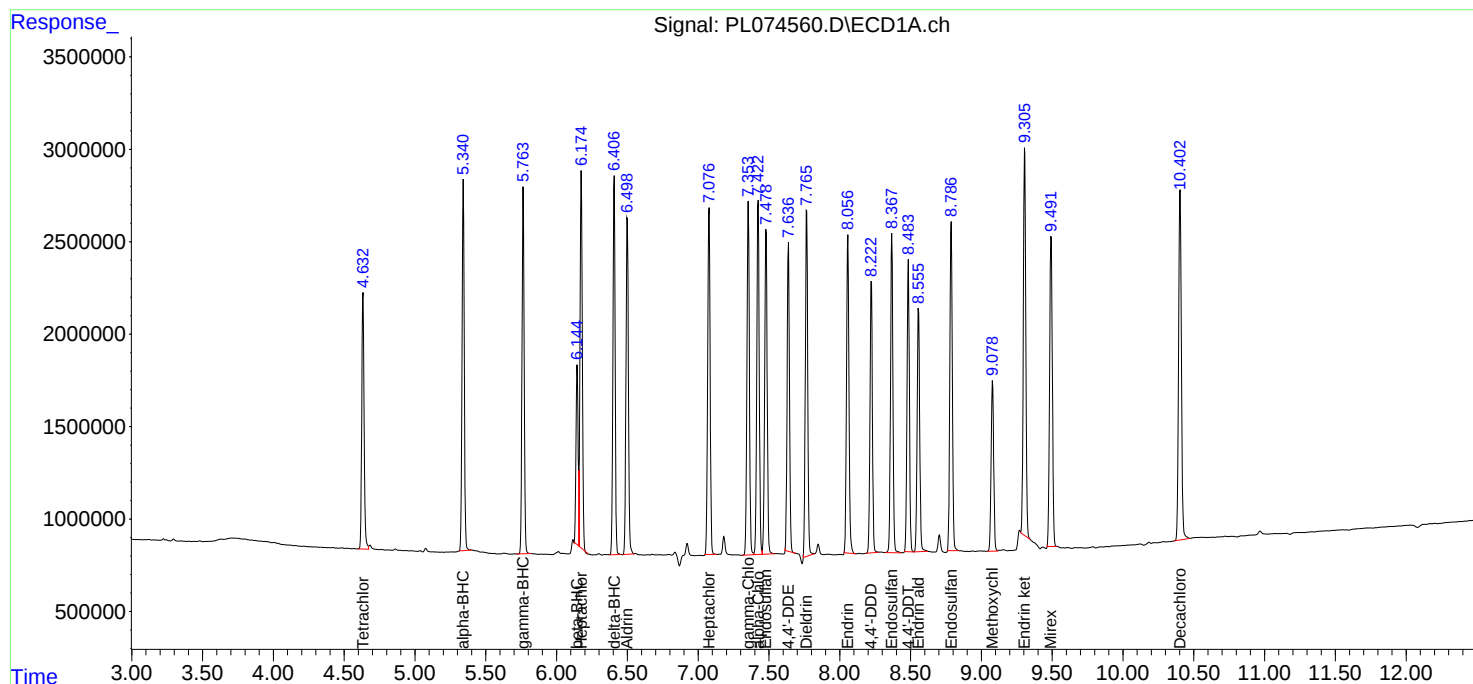
APPROVED

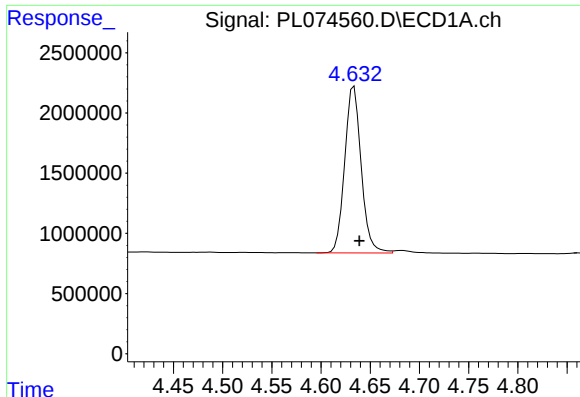
Reviewed By :Abdul Mirza 05/06/2022

Supervised By :mohammad ahmed 05/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 06 02:13:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





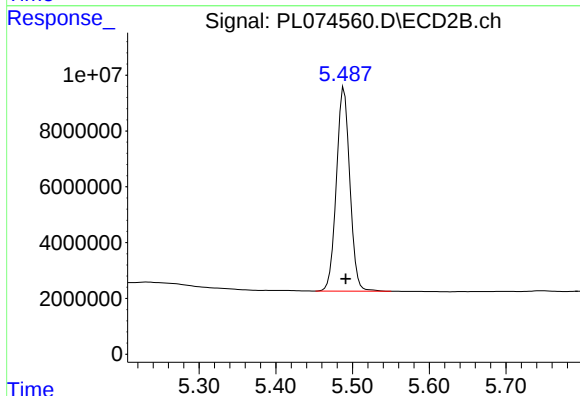
#1 Tetrachloro-m-xylene

R.T.: 4.633 min
Delta R.T.: -0.006 min
Response: 16123509
Conc: 49.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

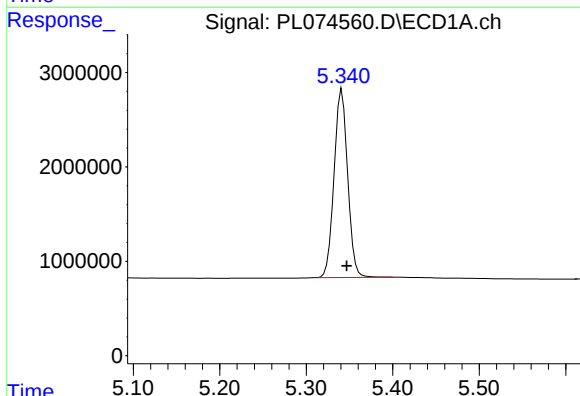
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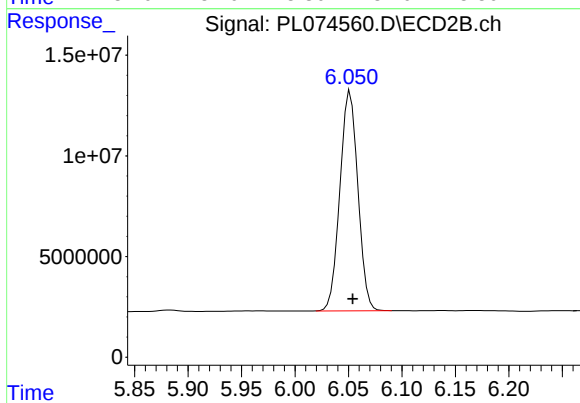
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 89041120
Conc: 49.94 ng/ml



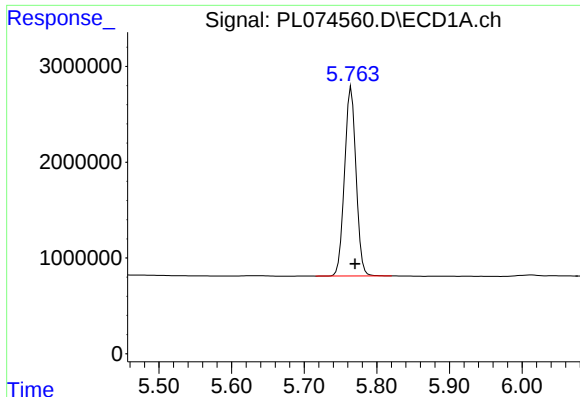
#2 alpha-BHC

R.T.: 5.341 min
Delta R.T.: -0.006 min
Response: 21660374
Conc: 51.61 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 128055230
Conc: 50.85 ng/ml



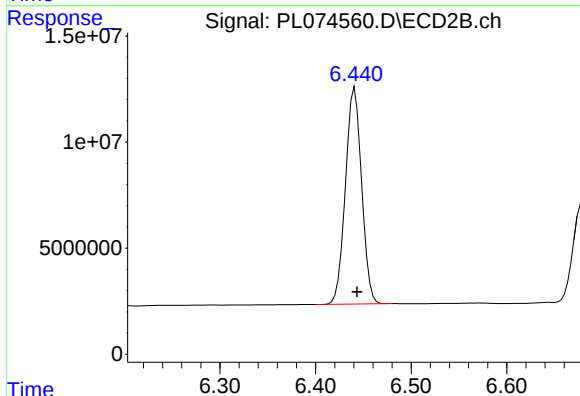
#3 gamma-BHC (Lindane)

R.T.: 5.765 min
Delta R.T.: -0.005 min
Response: 21727678
Conc: 51.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

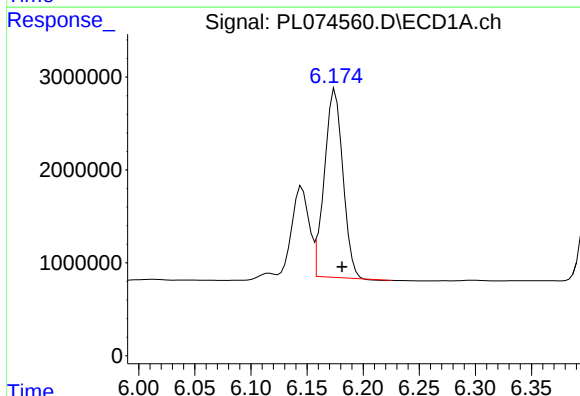
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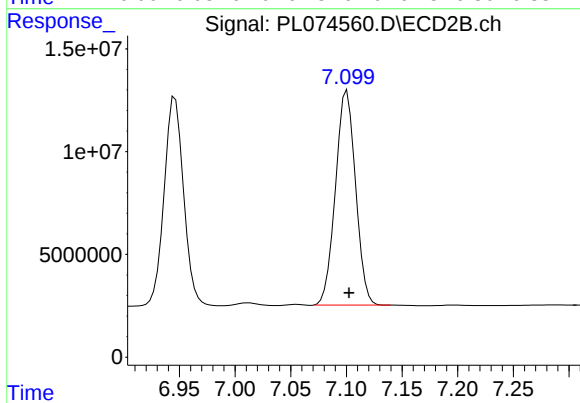
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 120560989
Conc: 50.93 ng/ml



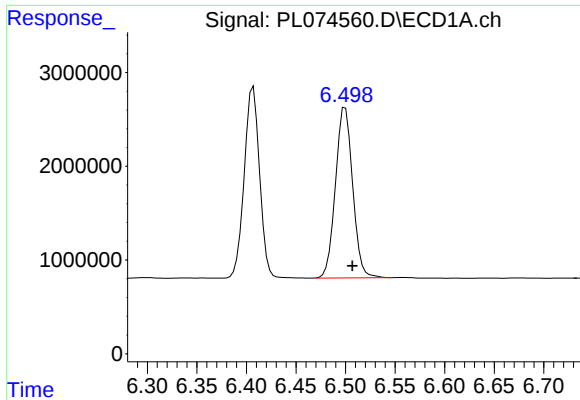
#4 Heptachlor

R.T.: 6.175 min
Delta R.T.: -0.006 min
Response: 23156495
Conc: 51.41 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: -0.002 min
Response: 131083450
Conc: 50.25 ng/ml



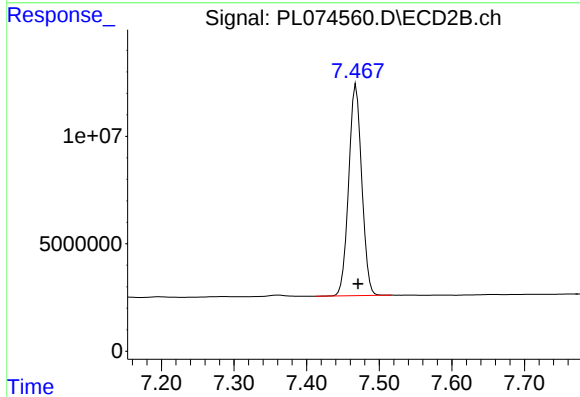
#5 Aldrin

R.T.: 6.500 min
Delta R.T.: -0.007 min
Response: 21942097
Conc: 52.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

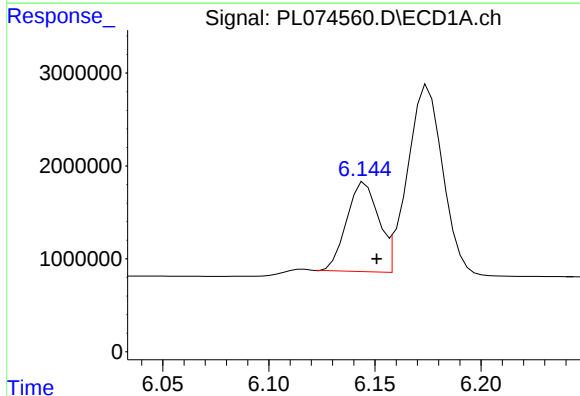
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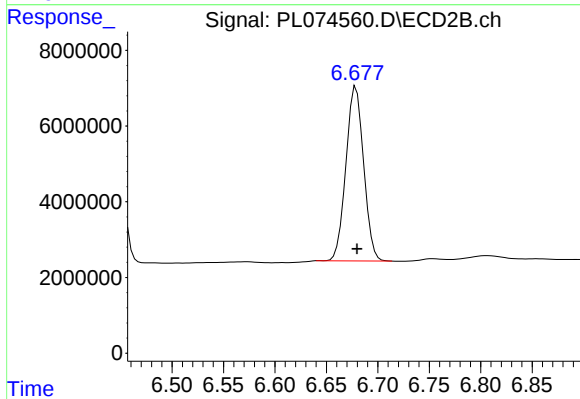
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.003 min
Response: 123106630
Conc: 52.42 ng/ml



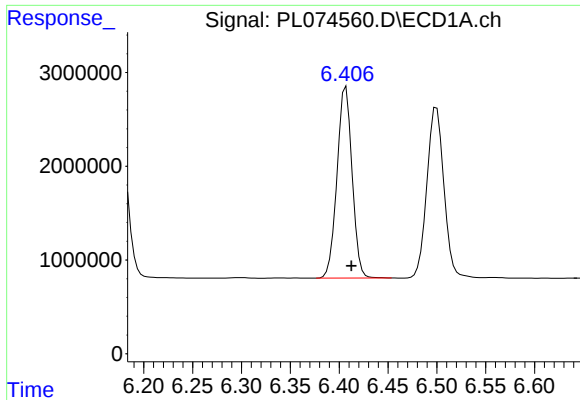
#6 beta-BHC

R.T.: 6.145 min
Delta R.T.: -0.005 min
Response: 10061427
Conc: 49.24 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 55356664
Conc: 49.12 ng/ml



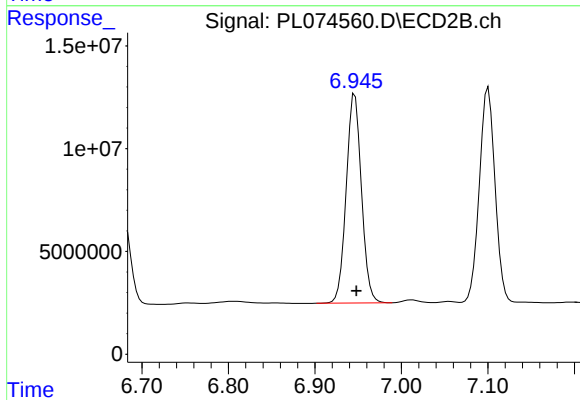
#7 delta-BHC

R.T.: 6.407 min
Delta R.T.: -0.006 min
Response: 21945404
Conc: 53.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

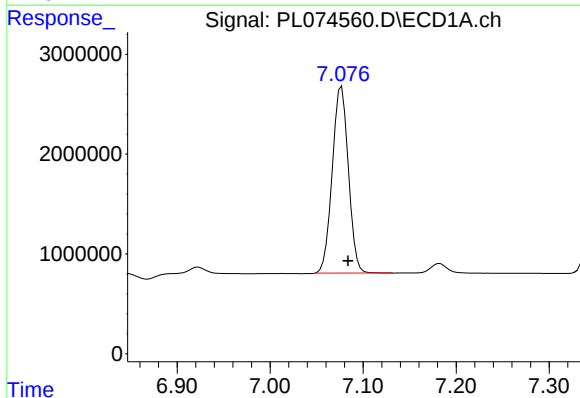
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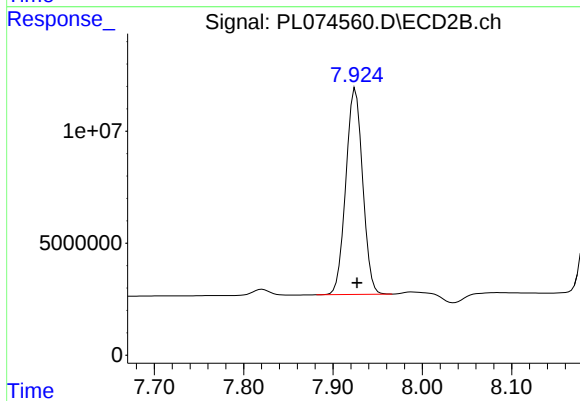
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 123871961
Conc: 50.72 ng/ml



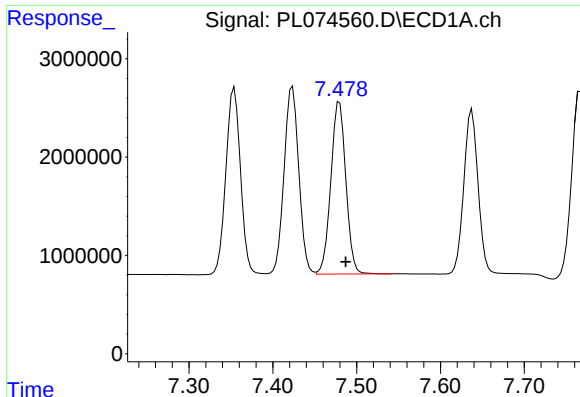
#8 Heptachlor epoxide

R.T.: 7.077 min
Delta R.T.: -0.007 min
Response: 22535018
Conc: 52.54 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.002 min
Response: 120367251
Conc: 53.46 ng/ml



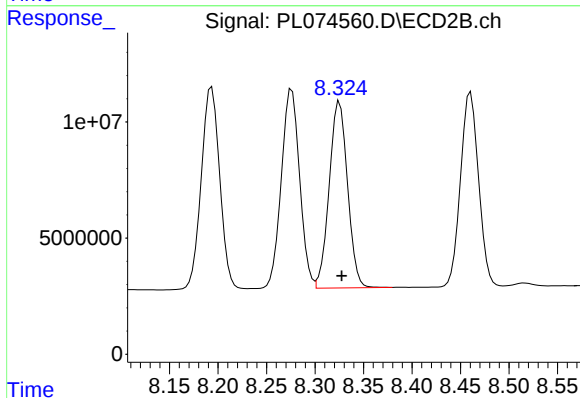
#9 Endosulfan I

R.T.: 7.480 min
Delta R.T.: -0.008 min
Response: 21794526
Conc: 53.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

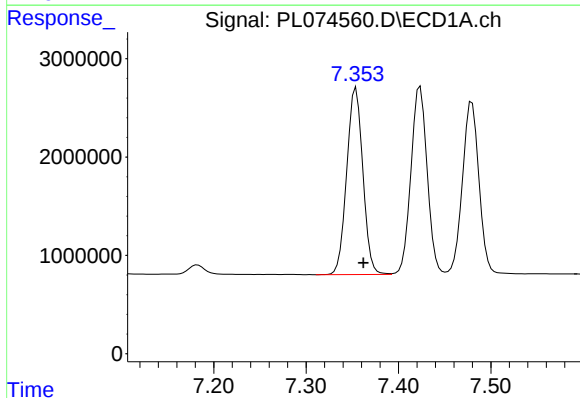
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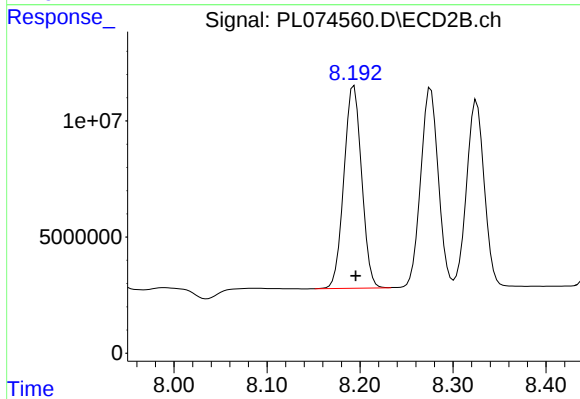
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.002 min
Response: 105664887
Conc: 53.67 ng/ml



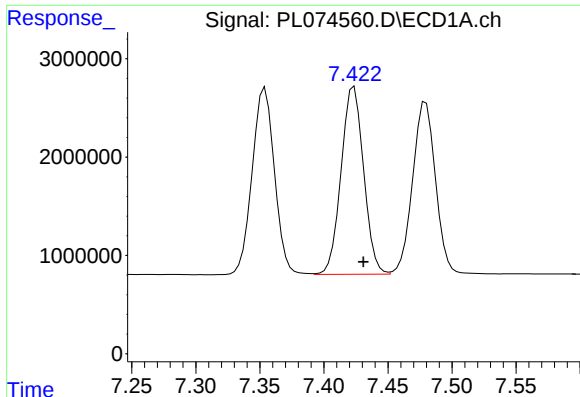
#10 gamma-Chlordane

R.T.: 7.354 min
Delta R.T.: -0.008 min
Response: 23049302
Conc: 52.55 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: -0.002 min
Response: 115413615
Conc: 51.75 ng/ml



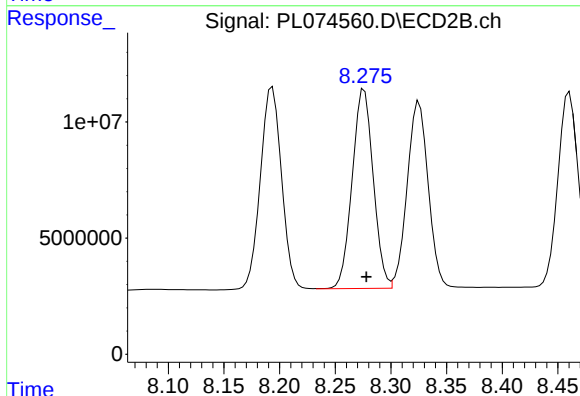
#11 alpha-Chlordane

R.T.: 7.424 min
Delta R.T.: -0.007 min
Response: 23316531
Conc: 52.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

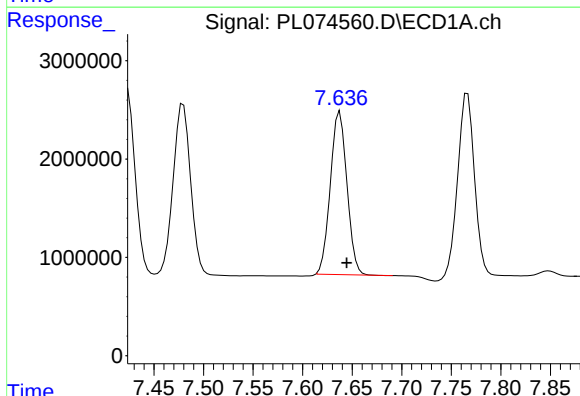
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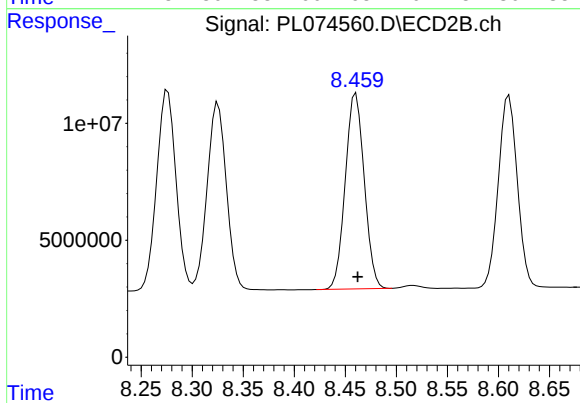
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 113312424
Conc: 52.64 ng/ml



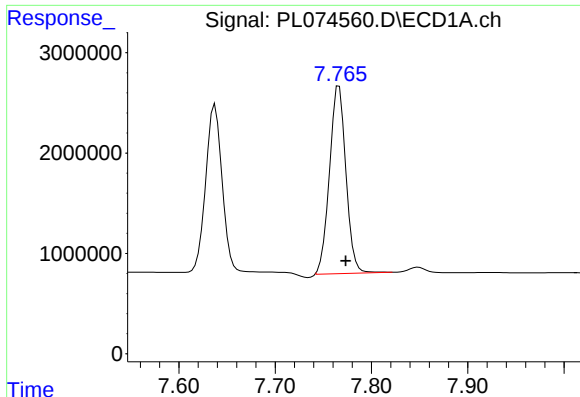
#12 4,4'-DDE

R.T.: 7.638 min
Delta R.T.: -0.007 min
Response: 19285394
Conc: 52.86 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 108202370
Conc: 54.33 ng/ml



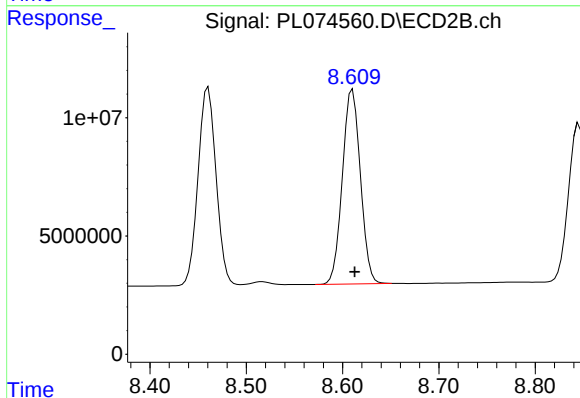
#13 Dieldrin

R.T.: 7.766 min
Delta R.T.: -0.007 min
Response: 22259287
Conc: 51.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

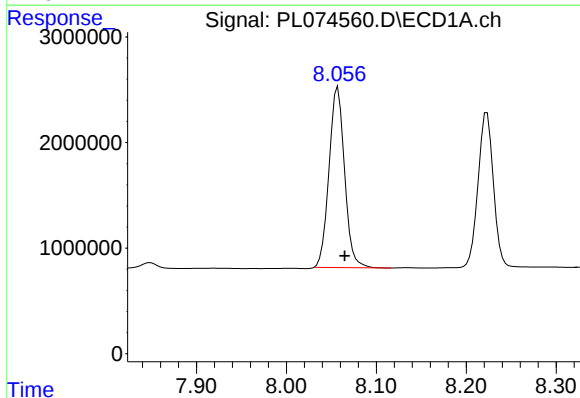
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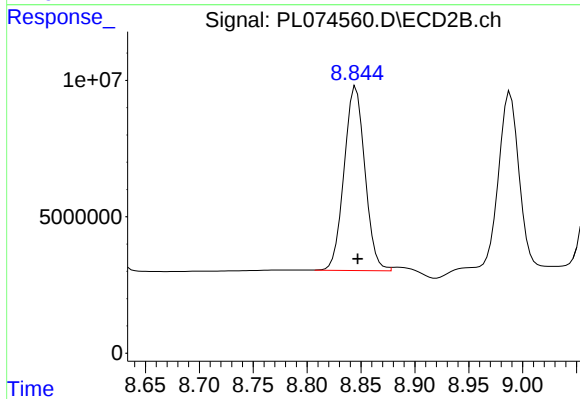
#13 Dieldrin

R.T.: 8.610 min
Delta R.T.: -0.002 min
Response: 106612320
Conc: 53.17 ng/ml



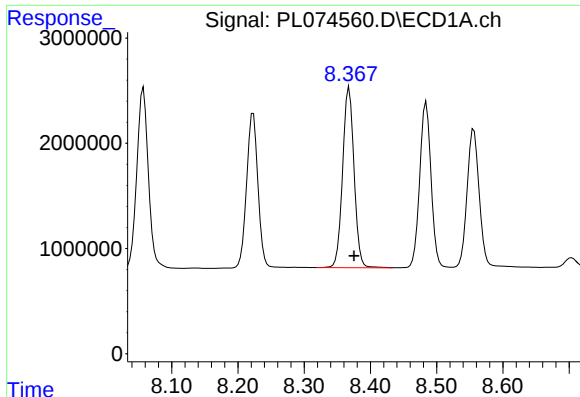
#14 Endrin

R.T.: 8.057 min
Delta R.T.: -0.008 min
Response: 20539479
Conc: 50.56 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.003 min
Response: 90830459
Conc: 53.63 ng/ml m



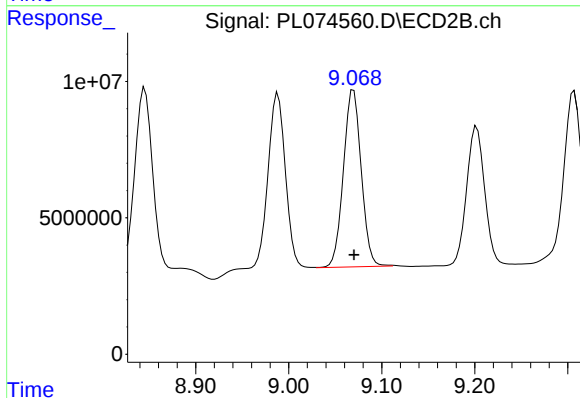
#15 Endosulfan II

R.T.: 8.368 min
Delta R.T.: -0.007 min
Response: 20584751
Conc: 49.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

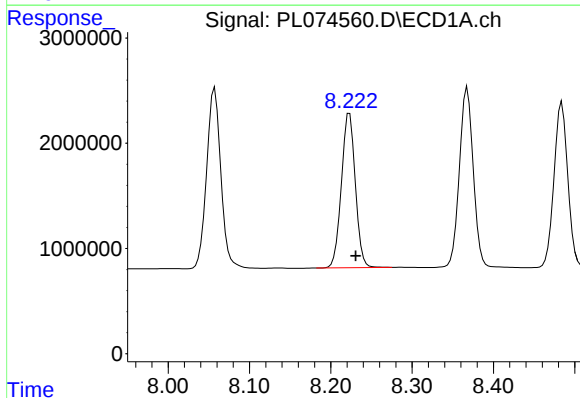
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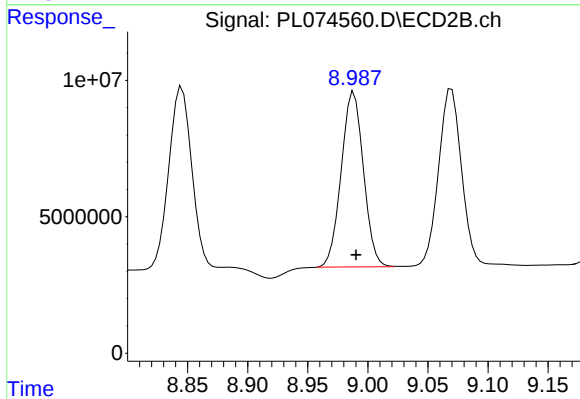
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 86382499
Conc: 49.72 ng/ml m



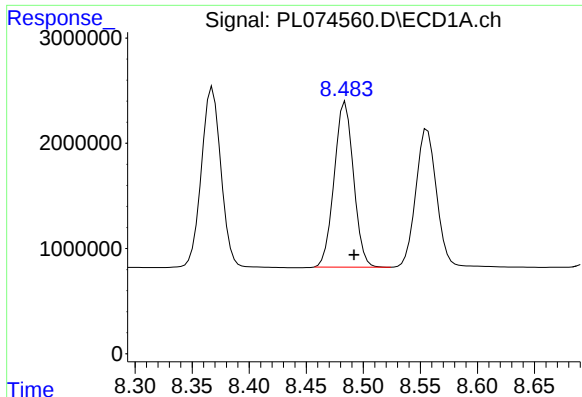
#16 4,4'-DDD

R.T.: 8.223 min
Delta R.T.: -0.008 min
Response: 17418181
Conc: 53.94 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 82875349
Conc: 53.86 ng/ml m



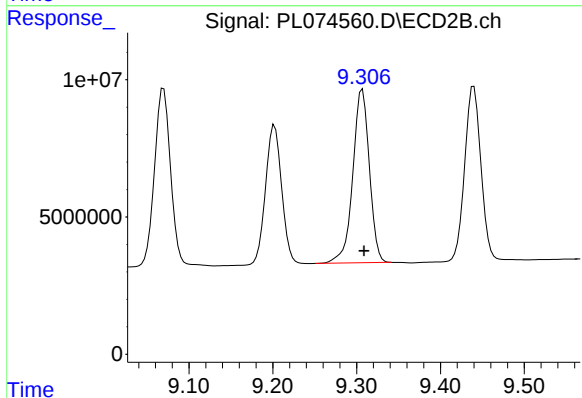
#17 4,4'-DDT

R.T.: 8.484 min
Delta R.T.: -0.008 min
Response: 18499762
Conc: 50.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

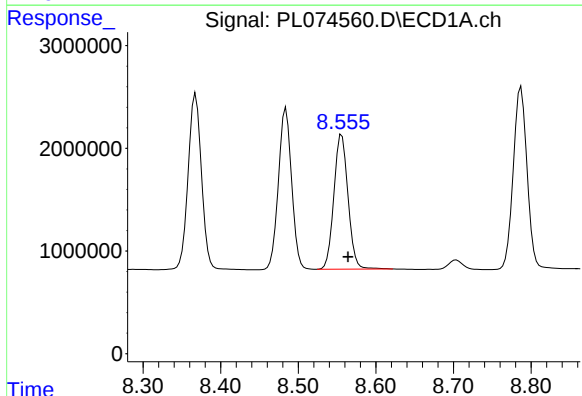
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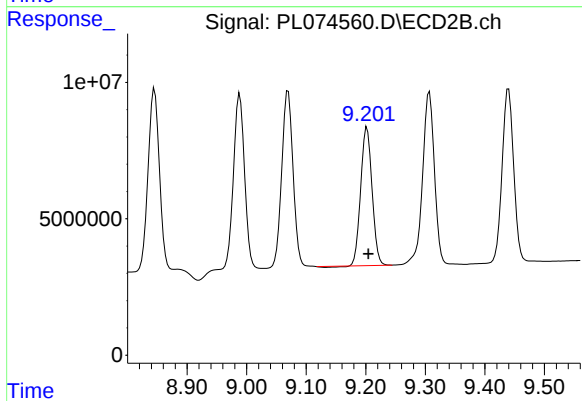
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 86982203
Conc: 49.07 ng/ml



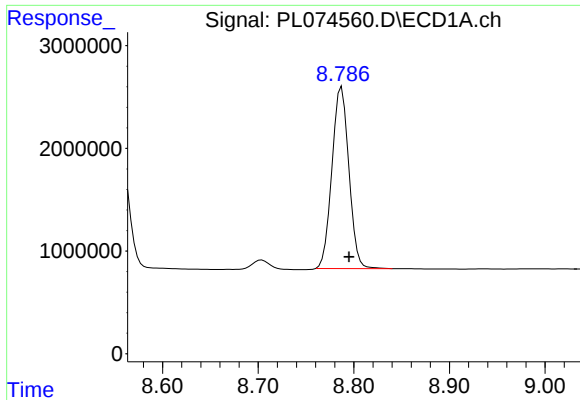
#18 Endrin aldehyde

R.T.: 8.556 min
Delta R.T.: -0.008 min
Response: 16604341
Conc: 51.32 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: -0.002 min
Response: 66845188
Conc: 51.75 ng/ml



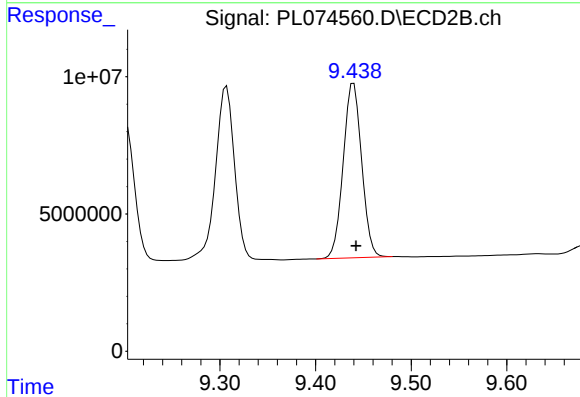
#19 Endosulfan Sulfate

R.T.: 8.787 min
Delta R.T.: -0.008 min
Response: 21738146
Conc: 50.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

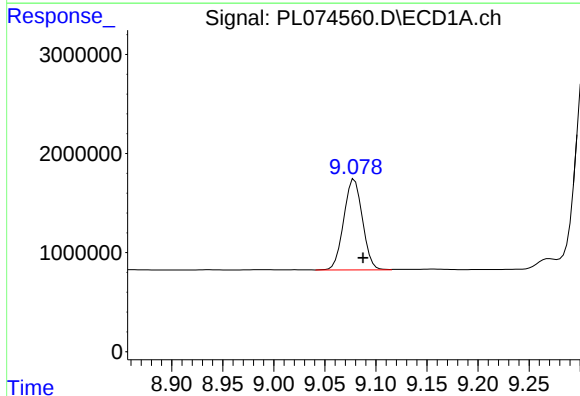
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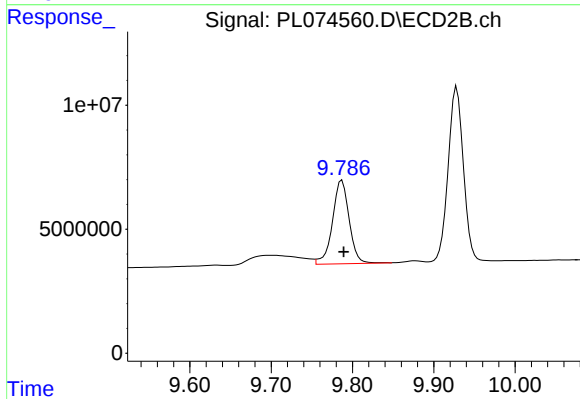
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: -0.002 min
Response: 85565687
Conc: 51.41 ng/ml



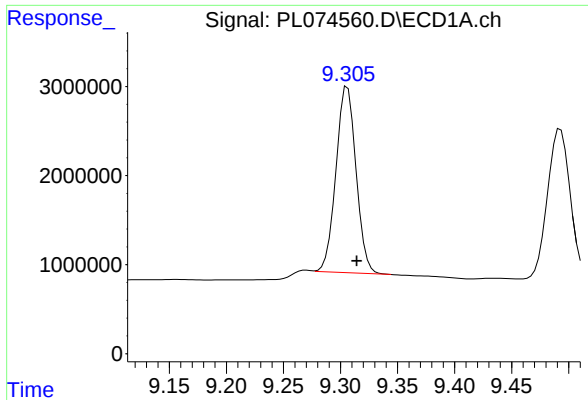
#20 Methoxychlor

R.T.: 9.079 min
Delta R.T.: -0.008 min
Response: 11657396
Conc: 46.95 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: -0.002 min
Response: 48016359
Conc: 49.92 ng/ml



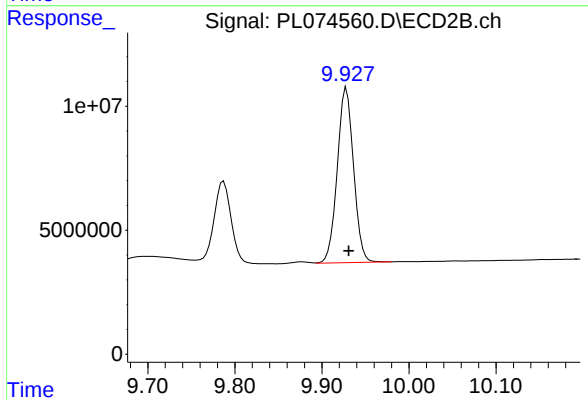
#21 Endrin ketone

R.T.: 9.305 min
Delta R.T.: -0.010 min
Response: 25576567
Conc: 52.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

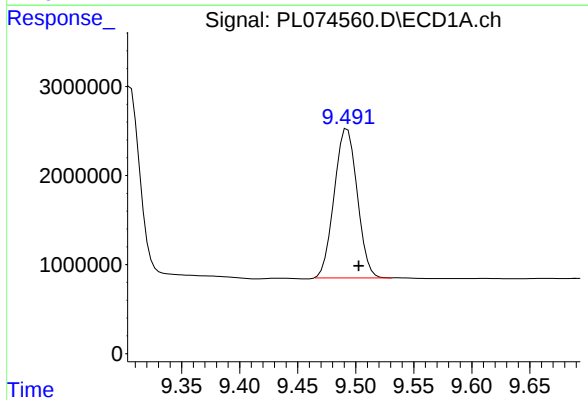
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/06/2022
Supervised By :mohammad ahmed 05/06/2022



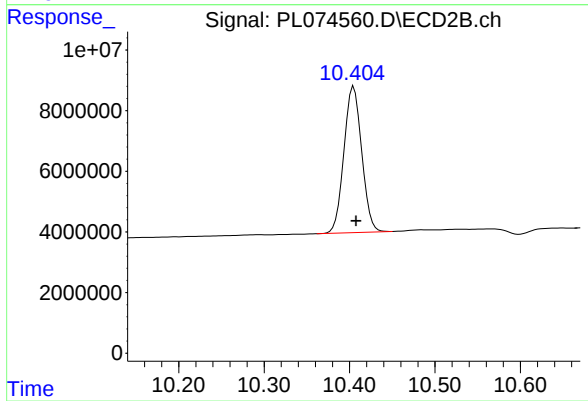
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.003 min
Response: 91791586
Conc: 53.03 ng/ml



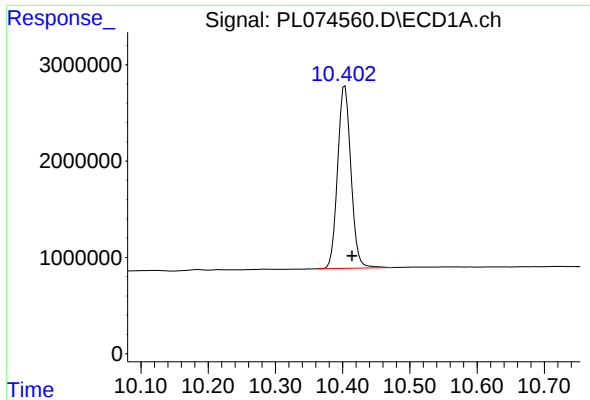
#22 Mirex

R.T.: 9.493 min
Delta R.T.: -0.010 min
Response: 23084063
Conc: 49.49 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: -0.002 min
Response: 69764791
Conc: 50.65 ng/ml



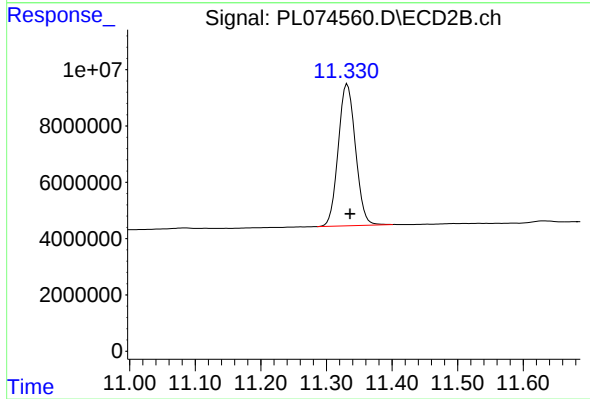
#28 Decachlorobiphenyl

R.T.: 10.403 min
Delta R.T.: -0.011 min
Response: 25906381
Conc: 49.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :mohammad ahmed 05/06/2022



#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: -0.004 min
Response: 92030410
Conc: 52.10 ng/ml