

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041822\
 Data File : PL074160.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Apr 2022 16:37
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/19/2022
 Supervised By : mohammad ahmed 04/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 19 01:17:53 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...	4.637	5.490	17966316	97544991	55.604	54.709
28)	SA Decachlor...	10.407	11.333	25302808	87571274	48.656m	49.579
Target Compounds							
2)	A alpha-BHC	5.345	6.053	22814781	141.7E6	54.365	56.261
3)	MA gamma-BHC...	5.769	6.442	22276983	132.4E6	53.117	55.936
4)	MA Heptachlor	6.179	7.101	22370773	135.2E6	49.662	51.837
5)	MB Aldrin	6.504	7.469	21754678	131.7E6	52.415	56.070
6)	B beta-BHC	6.149	6.679	11108194	60940659	54.365	54.072
7)	B delta-BHC	6.411	6.947	21994750	131.3E6	53.169	53.757
8)	B Heptachlo...	7.081	7.926	22380397	121.7E6	52.176	54.061
9)	A Endosulfan I	7.484	8.326	21384000	109.8E6	52.141	55.790
10)	B gamma-Chl...	7.359	8.194	22722202	121.5E6	51.807	54.471
11)	B alpha-Chl...	7.428	8.276	22879673	118.6E6	51.790	55.102
12)	B 4,4'-DDE	7.643	8.461	19371261	112.4E6	53.098	56.449
13)	MA Dieldrin	7.771	8.611	21589005	109.7E6	50.257	54.691
14)	MA Endrin	8.062	8.846	19538471	86640436	48.097	51.156
15)	B Endosulfa...	8.373	9.070	20167397	85613870	48.931	49.282
16)	A 4,4'-DDD	8.228	8.989	18169189	88778508	56.264	57.701
17)	MA 4,4'-DDT	8.489	9.307	16237446	78690347	43.928	44.391
18)	B Endrin al...	8.561	9.202	15938960	65436234	49.262	50.662
19)	B Endosulfa...	8.792	9.440	21252117	87565489	49.768	52.613
20)	A Methoxychlor	9.084	9.787	10742215	42166829	43.269	43.839
21)	B Endrin ke...	9.311	9.928	24812890	88364262	50.789	51.050
22)	Mirex	9.498	10.405	23256720	71141826	49.864	51.649

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041822\
 Data File : PL074160.D
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 Acq On : 18 Apr 2022 16:37
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

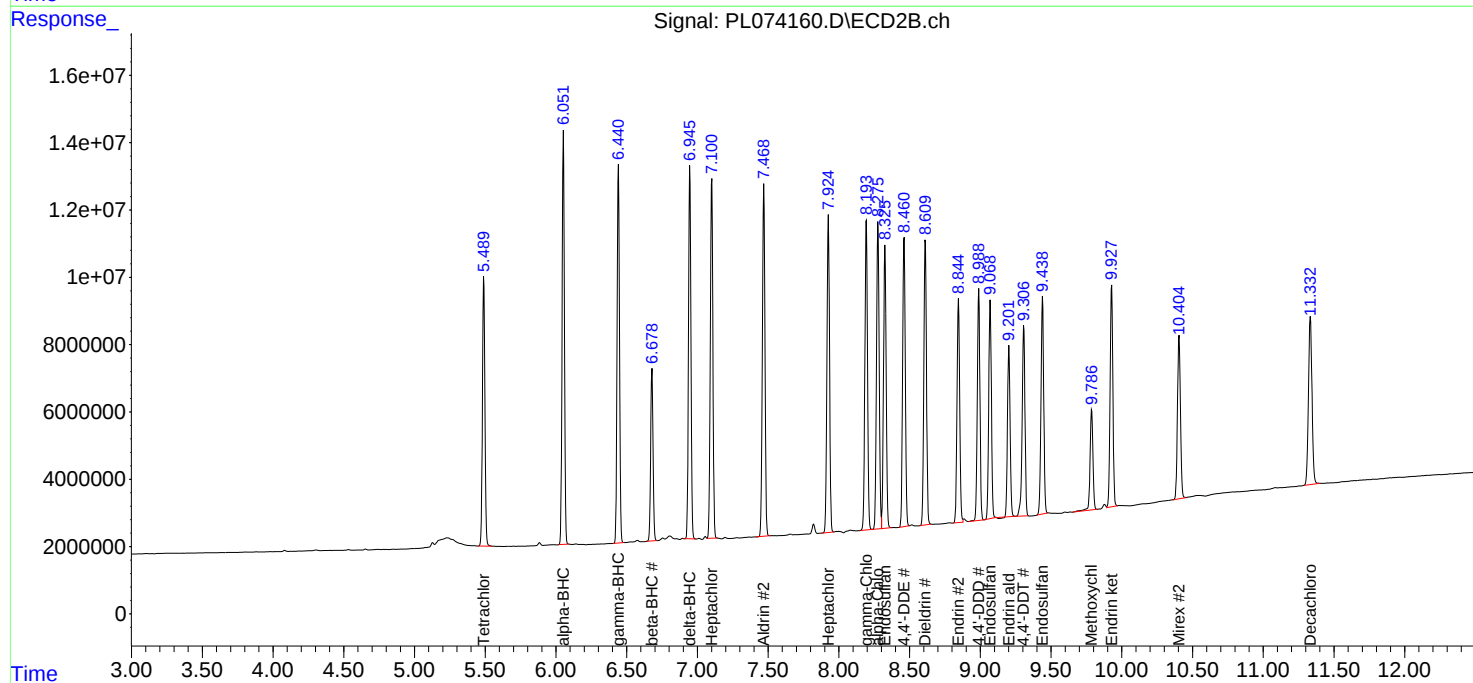
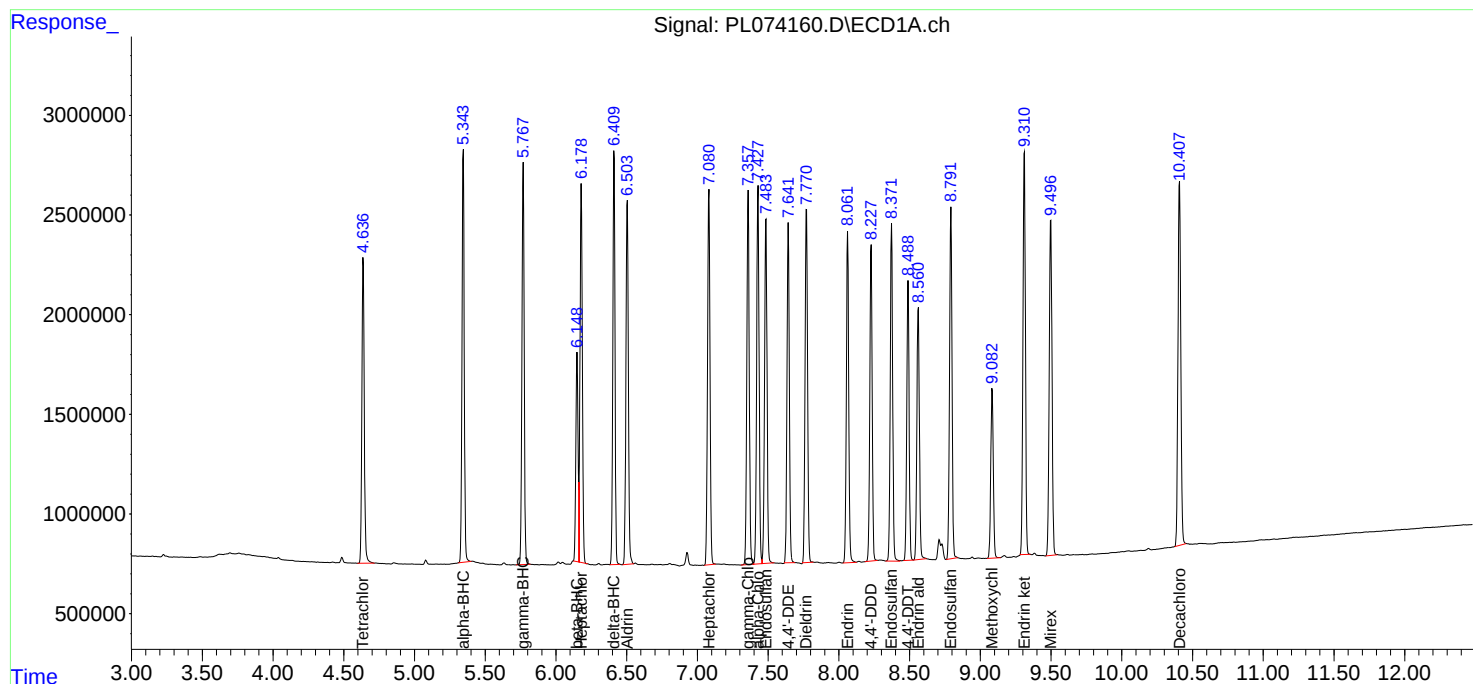
APPROVED

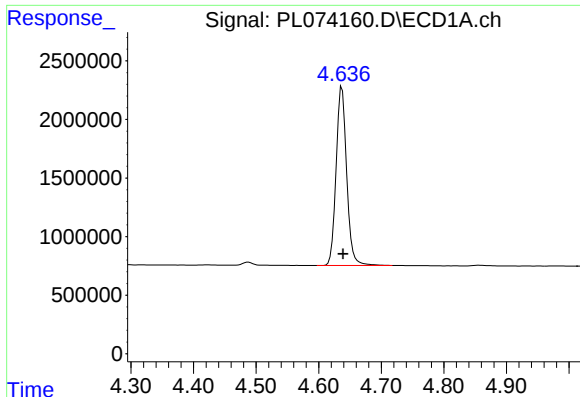
Reviewed By :Abdul Mirza 04/19/2022

Supervised By :mohammad ahmed 04/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 19 01:17:53 2022
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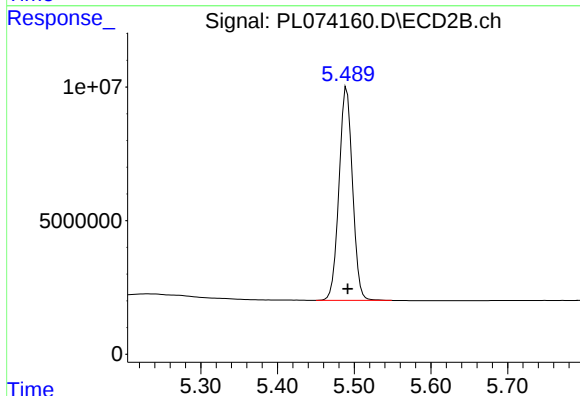
#1 Tetrachloro-m-xylene

R.T.: 4.637 min
Delta R.T.: -0.002 min
Response: 17966316
Conc: 55.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

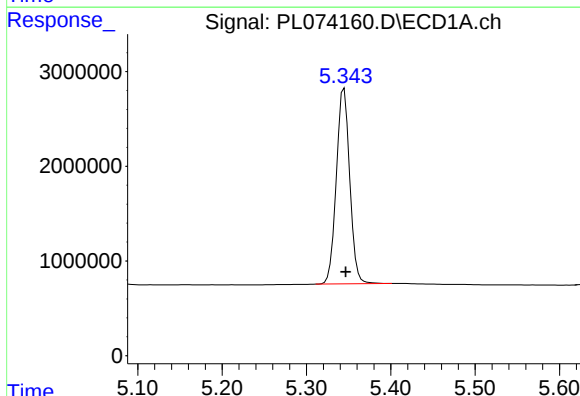
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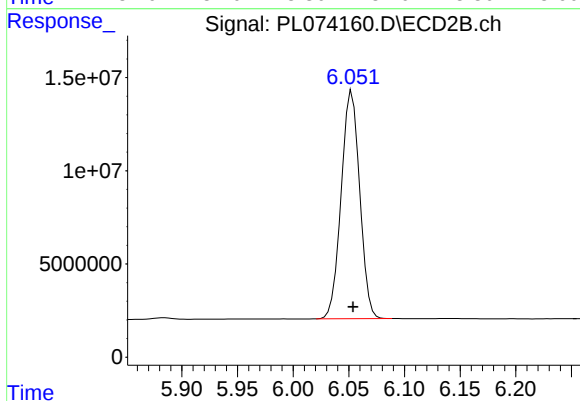
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.001 min
Response: 97544991
Conc: 54.71 ng/ml



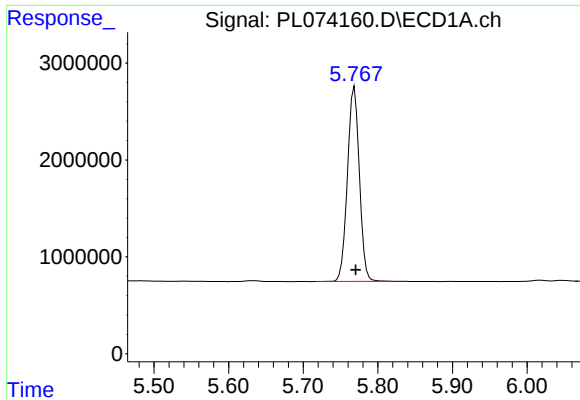
#2 alpha-BHC

R.T.: 5.345 min
Delta R.T.: -0.002 min
Response: 22814781
Conc: 54.36 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: 0.000 min
Response: 141669955
Conc: 56.26 ng/ml



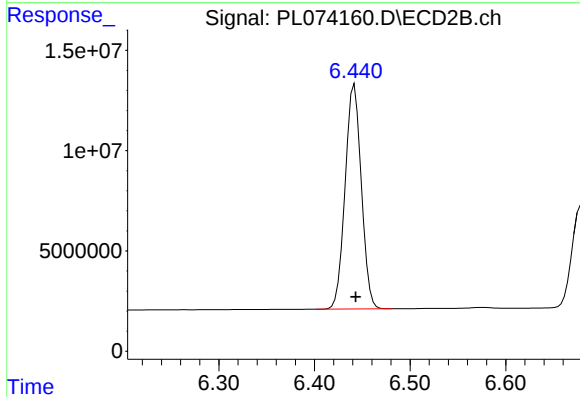
#3 gamma-BHC (Lindane)

R.T.: 5.769 min
Delta R.T.: -0.002 min
Response: 22276983
Conc: 53.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

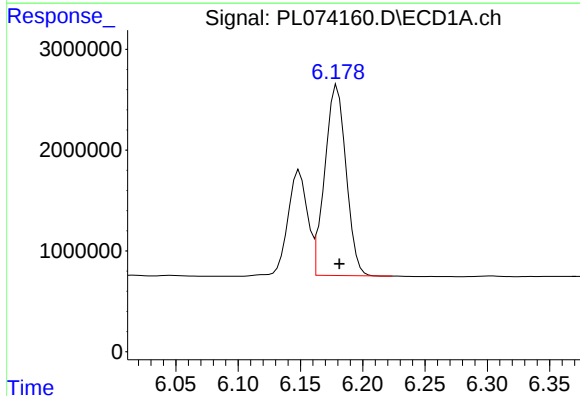
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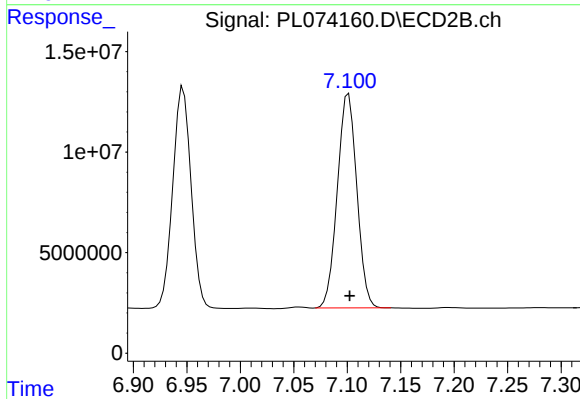
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: -0.001 min
Response: 132407648
Conc: 55.94 ng/ml



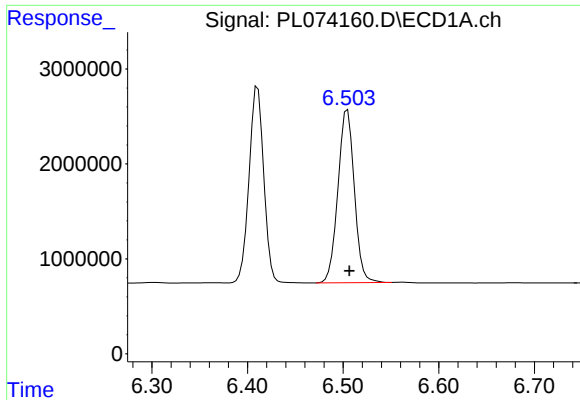
#4 Heptachlor

R.T.: 6.179 min
Delta R.T.: -0.002 min
Response: 22370773
Conc: 49.66 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: -0.001 min
Response: 135213562
Conc: 51.84 ng/ml



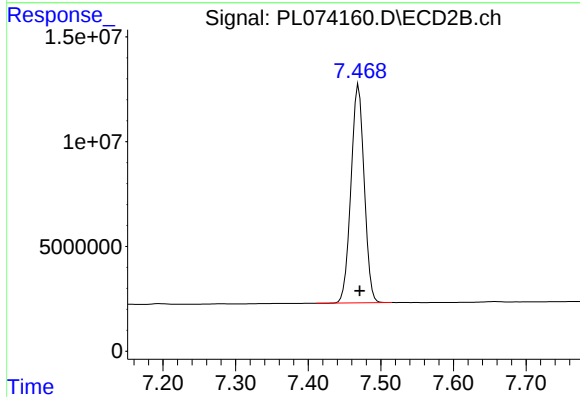
#5 Aldrin

R.T.: 6.504 min
Delta R.T.: -0.002 min
Response: 21754678
Conc: 52.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

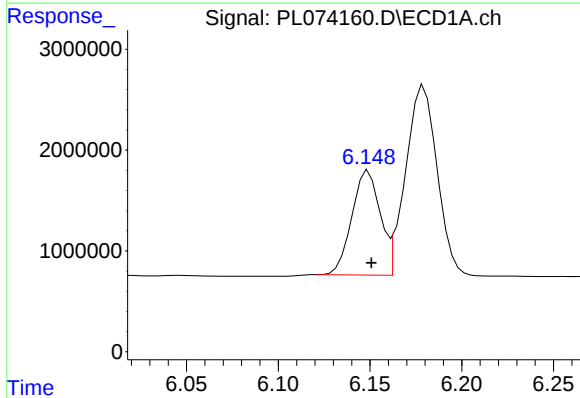
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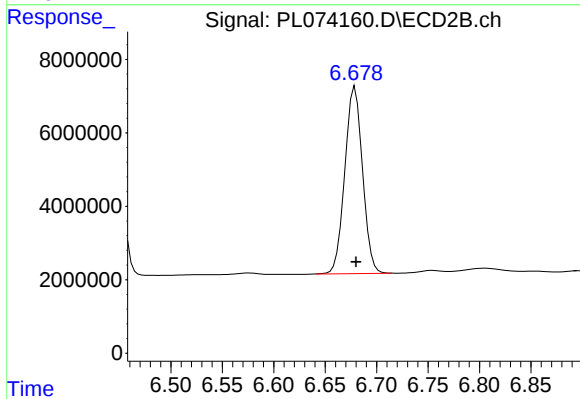
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: -0.001 min
Response: 131685083
Conc: 56.07 ng/ml



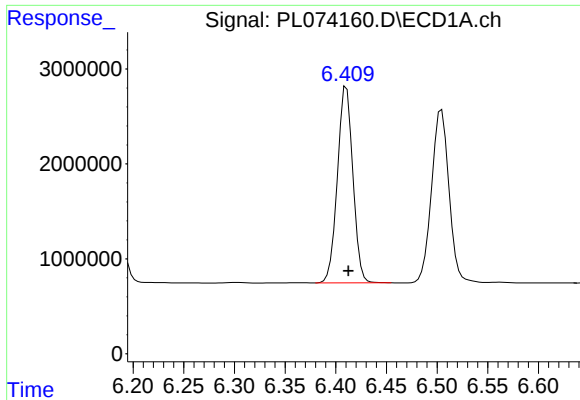
#6 beta-BHC

R.T.: 6.149 min
Delta R.T.: -0.002 min
Response: 11108194
Conc: 54.36 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 60940659
Conc: 54.07 ng/ml



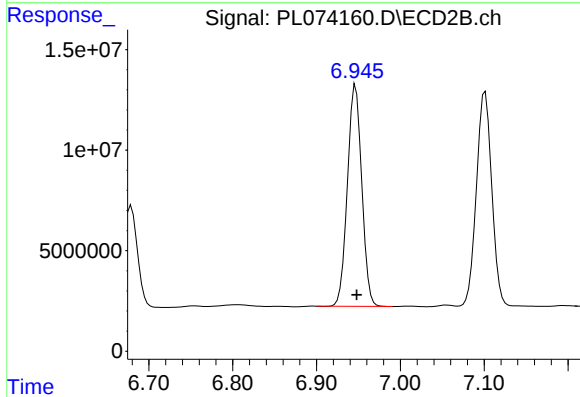
#7 delta-BHC

R.T.: 6.411 min
Delta R.T.: -0.002 min
Response: 21994750
Conc: 53.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

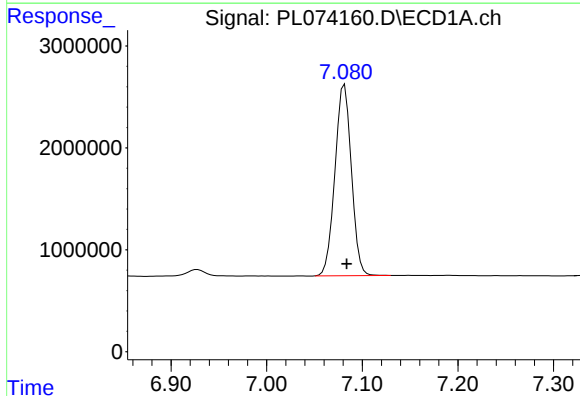
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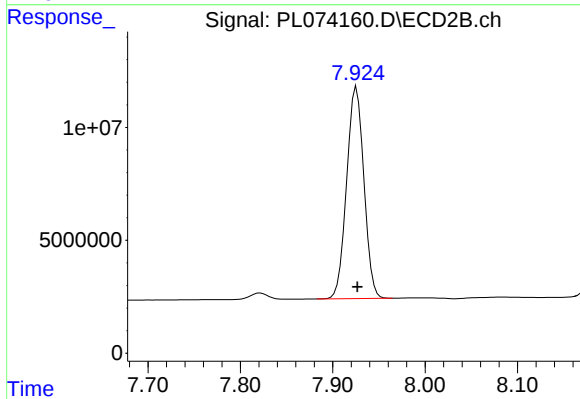
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: -0.001 min
Response: 131288527
Conc: 53.76 ng/ml



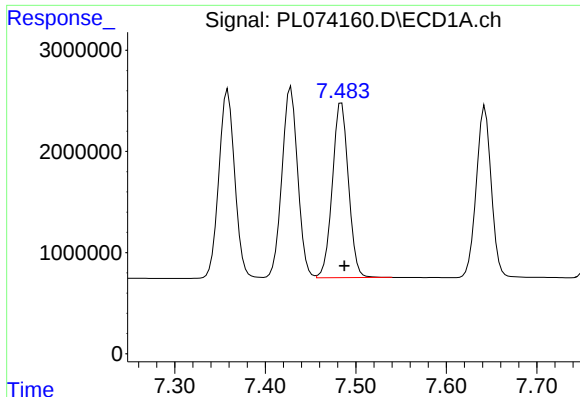
#8 Heptachlor epoxide

R.T.: 7.081 min
Delta R.T.: -0.002 min
Response: 22380397
Conc: 52.18 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 121722184
Conc: 54.06 ng/ml



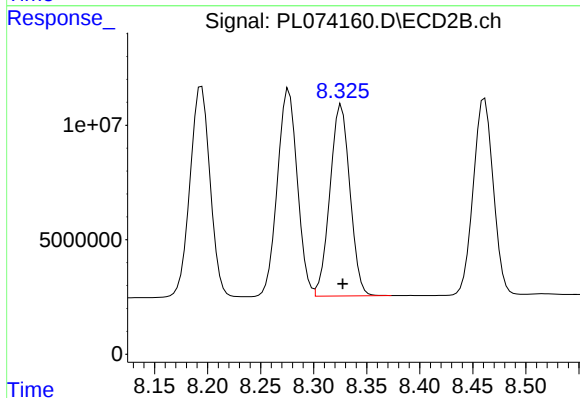
#9 Endosulfan I

R.T.: 7.484 min
Delta R.T.: -0.003 min
Response: 21384000
Conc: 52.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

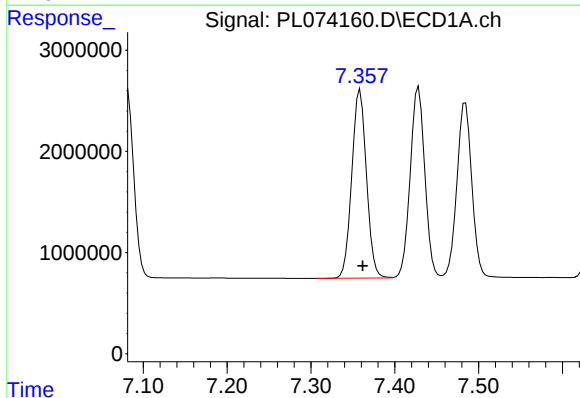
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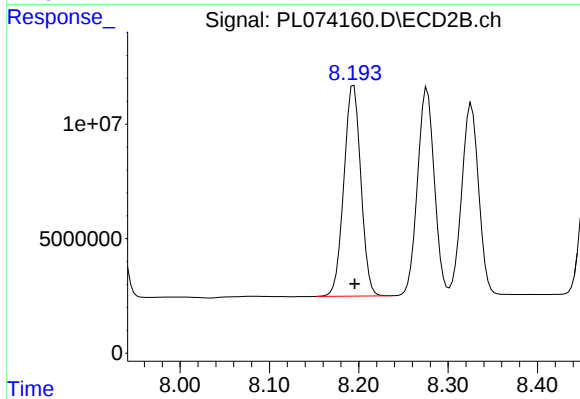
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: -0.001 min
Response: 109831670
Conc: 55.79 ng/ml



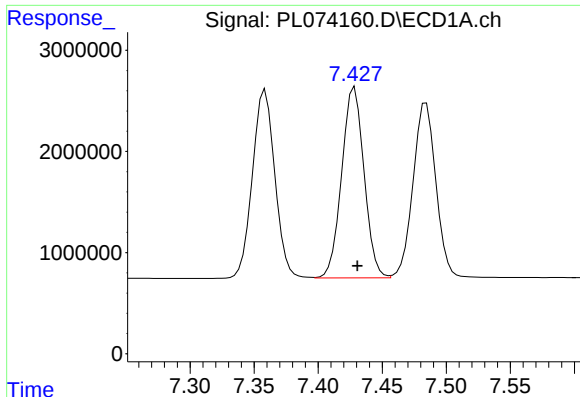
#10 gamma-Chlordane

R.T.: 7.359 min
Delta R.T.: -0.003 min
Response: 22722202
Conc: 51.81 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: -0.001 min
Response: 121490057
Conc: 54.47 ng/ml



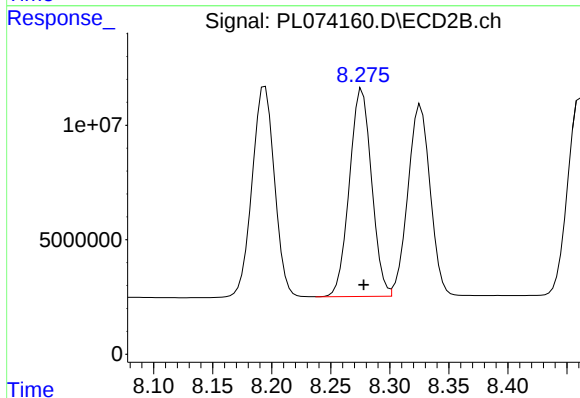
#11 alpha-Chlordane

R.T.: 7.428 min
Delta R.T.: -0.002 min
Response: 22879673
Conc: 51.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

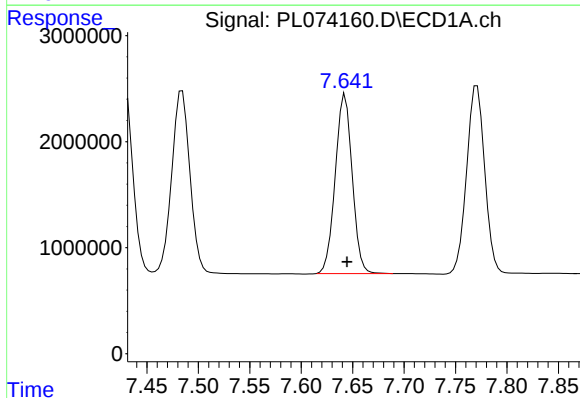
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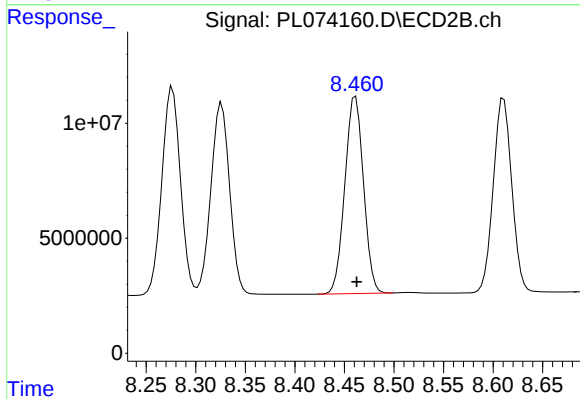
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: -0.001 min
Response: 118612101
Conc: 55.10 ng/ml



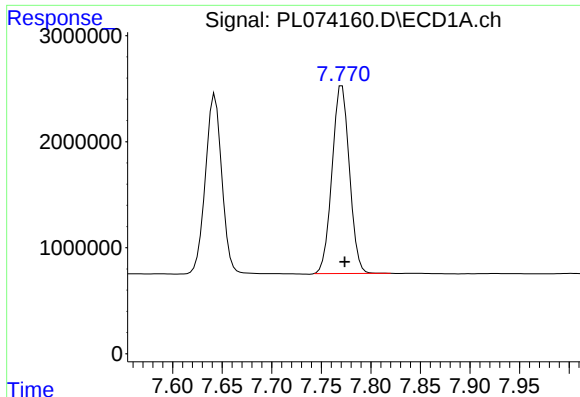
#12 4,4'-DDE

R.T.: 7.643 min
Delta R.T.: -0.002 min
Response: 19371261
Conc: 53.10 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: -0.001 min
Response: 112429931
Conc: 56.45 ng/ml



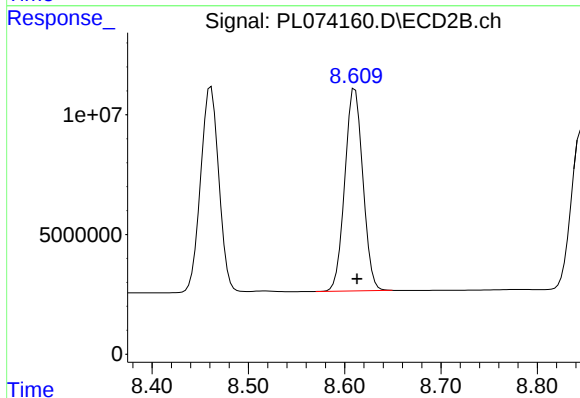
#13 Dieldrin

R.T.: 7.771 min
Delta R.T.: -0.003 min
Response: 21589005
Conc: 50.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

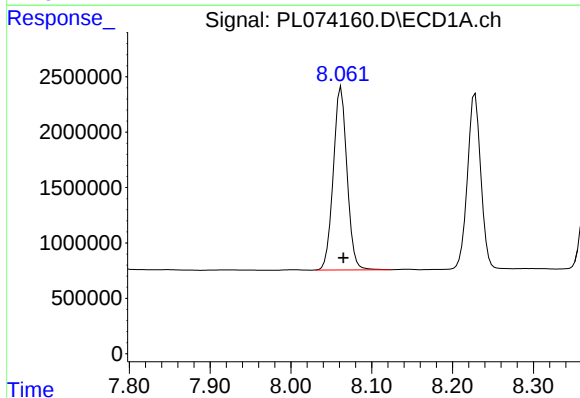
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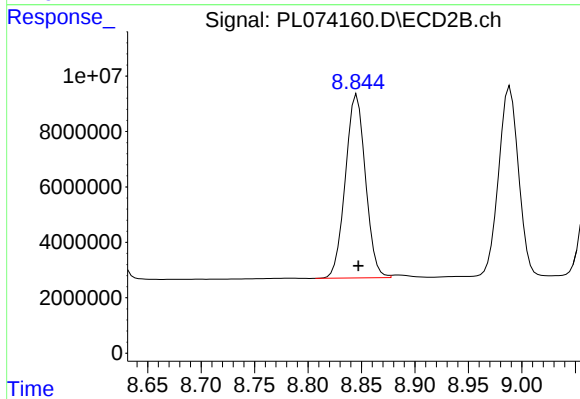
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: -0.002 min
Response: 109670081
Conc: 54.69 ng/ml



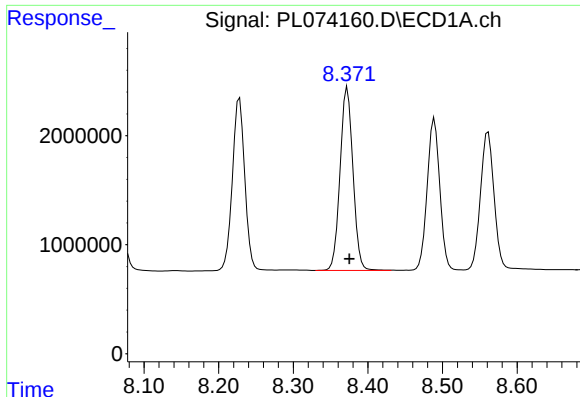
#14 Endrin

R.T.: 8.062 min
Delta R.T.: -0.003 min
Response: 19538471
Conc: 48.10 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: -0.001 min
Response: 86640436
Conc: 51.16 ng/ml



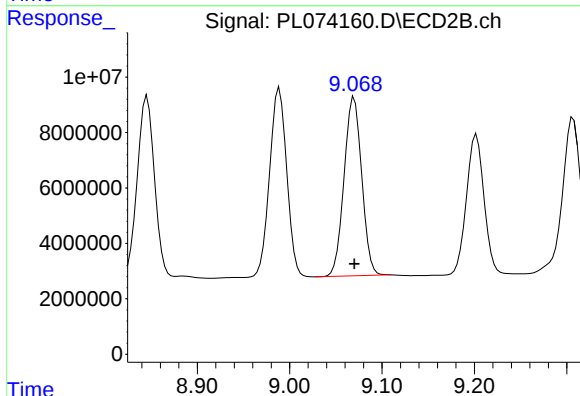
#15 Endosulfan II

R.T.: 8.373 min
Delta R.T.: -0.003 min
Response: 20167397
Conc: 48.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

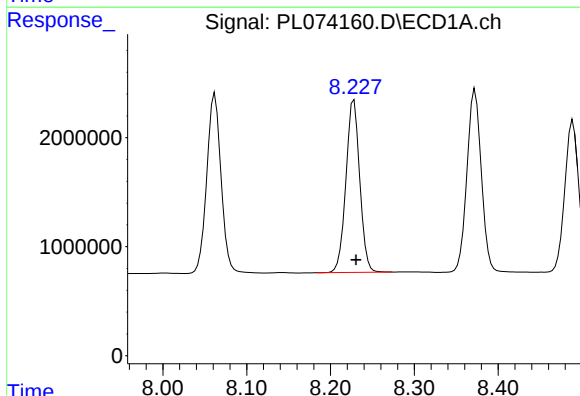
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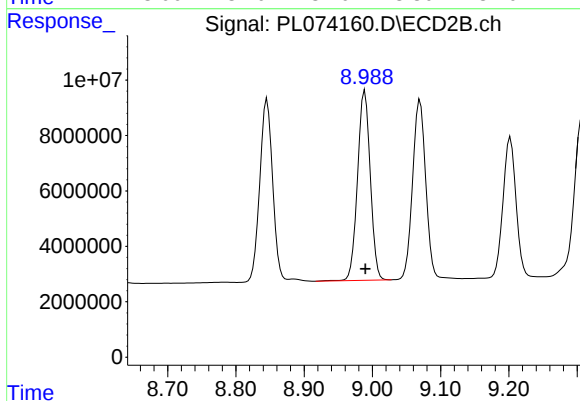
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 85613870
Conc: 49.28 ng/ml



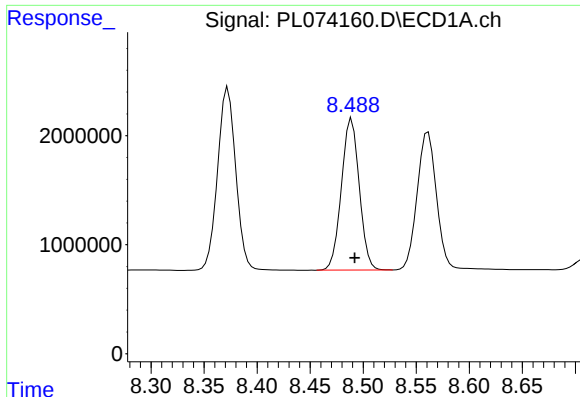
#16 4,4'-DDD

R.T.: 8.228 min
Delta R.T.: -0.003 min
Response: 18169189
Conc: 56.26 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: -0.001 min
Response: 88778508
Conc: 57.70 ng/ml



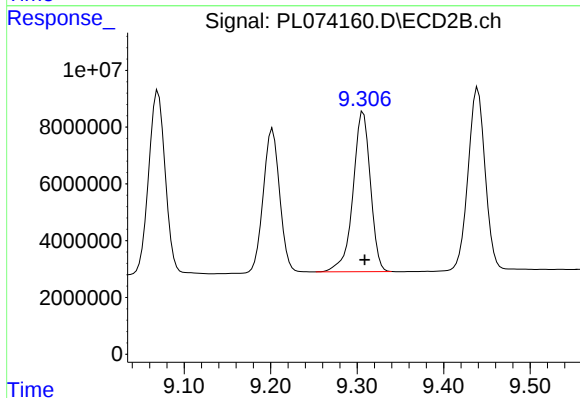
#17 4,4'-DDT

R.T.: 8.489 min
Delta R.T.: -0.003 min
Response: 16237446
Conc: 43.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

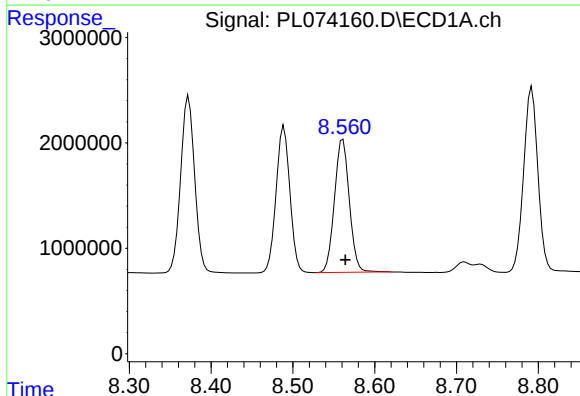
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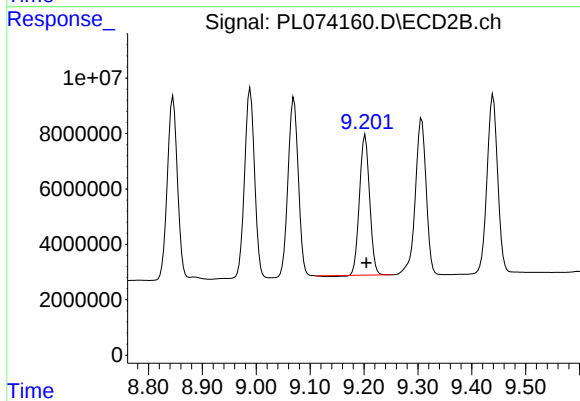
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 78690347
Conc: 44.39 ng/ml



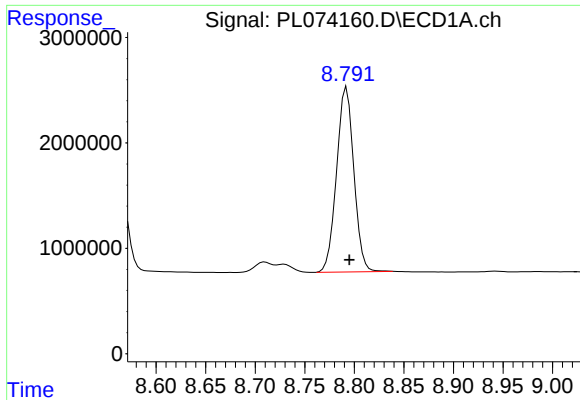
#18 Endrin aldehyde

R.T.: 8.561 min
Delta R.T.: -0.003 min
Response: 15938960
Conc: 49.26 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: -0.002 min
Response: 65436234
Conc: 50.66 ng/ml



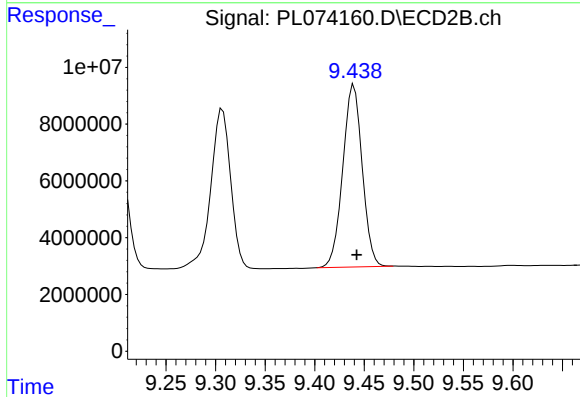
#19 Endosulfan Sulfate

R.T.: 8.792 min
Delta R.T.: -0.003 min
Response: 21252117
Conc: 49.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

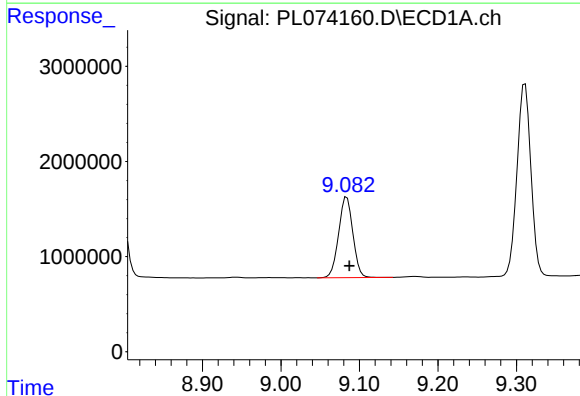
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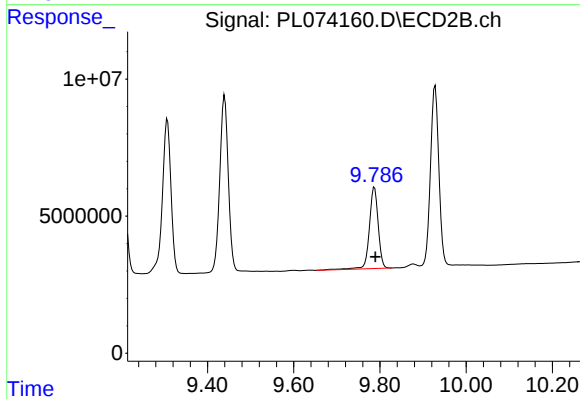
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: -0.003 min
Response: 87565489
Conc: 52.61 ng/ml



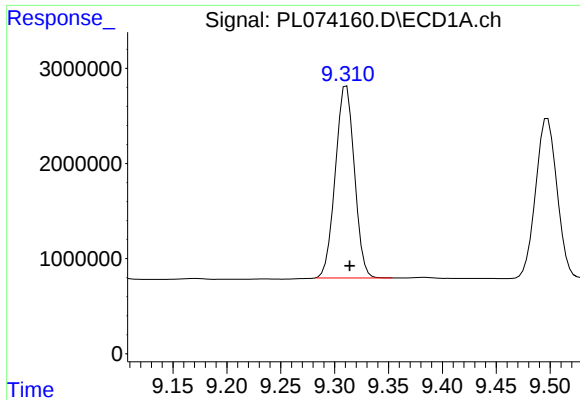
#20 Methoxychlor

R.T.: 9.084 min
Delta R.T.: -0.004 min
Response: 10742215
Conc: 43.27 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: -0.002 min
Response: 42166829
Conc: 43.84 ng/ml



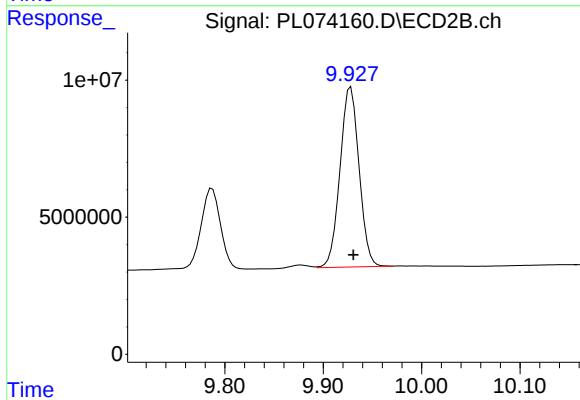
#21 Endrin ketone

R.T.: 9.311 min
Delta R.T.: -0.003 min
Response: 24812890
Conc: 50.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

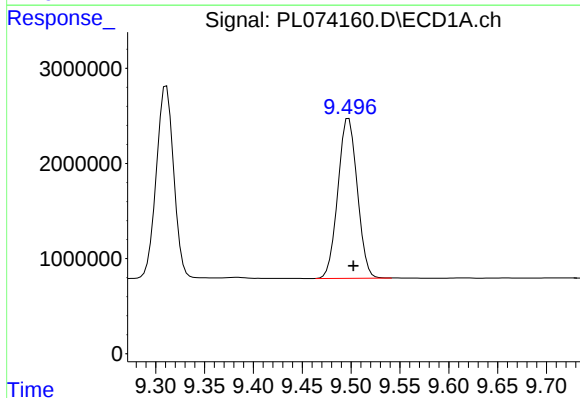
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/19/2022
Supervised By :mohammad ahmed 04/19/2022



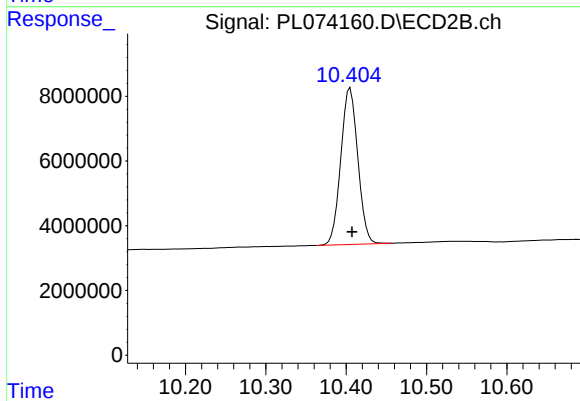
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.003 min
Response: 88364262
Conc: 51.05 ng/ml



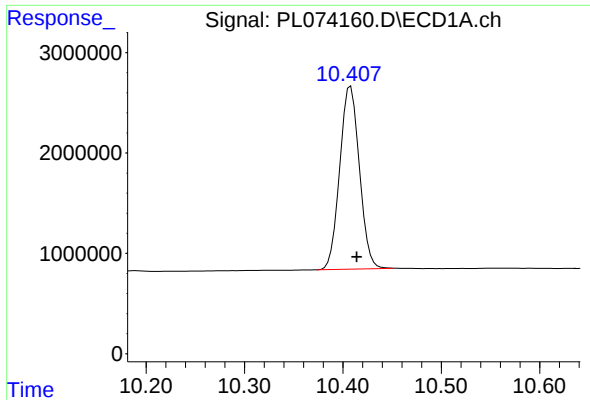
#22 Mirex

R.T.: 9.498 min
Delta R.T.: -0.005 min
Response: 23256720
Conc: 49.86 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: -0.002 min
Response: 71141826
Conc: 51.65 ng/ml



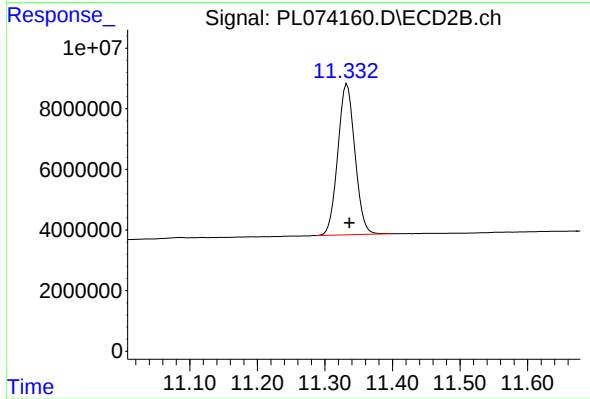
#28 Decachlorobiphenyl

R.T.: 10.407 min
Delta R.T.: -0.007 min
Response: 25302808
Conc: 48.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 04/19/2022



#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: -0.003 min
Response: 87571274
Conc: 49.58 ng/ml