

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042022\
 Data File : PL074240.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2022 01:52
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/22/2022
 Supervised By :mohammad ahmed 04/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 03:04:13 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...	4.635	5.488	16872282	90546506	52.218	50.784
28)	SA Decachlor...	10.403	11.329	24089627	90327072	46.323m	51.139
Target Compounds							
2)	A alpha-BHC	5.343	6.052	22060069	132.8E6	52.566	52.731
3)	MA gamma-BHC...	5.766	6.441	21961716	124.8E6	52.365	52.702
4)	MA Heptachlor	6.177	7.099	23905505	135.5E6	53.069	51.959
5)	MB Aldrin	6.501	7.467	21662505	124.6E6	52.193	53.040
6)	B beta-BHC	6.147	6.678	10829376	56888558	53.000	50.477
7)	B delta-BHC	6.408	6.945	22117750	125.4E6	53.467	51.355
8)	B Heptachlo...	7.077	7.923	22258690	114.3E6	51.893	50.777
9)	A Endosulfan I	7.481	8.324	21337405	102.7E6	52.027	52.151
10)	B gamma-Chl...	7.355	8.192	22726774	114.1E6	51.818	51.143
11)	B alpha-Chl...	7.425	8.275	22944260	111.3E6	51.937	51.707
12)	B 4,4'-DDE	7.639	8.459	19020727	104.8E6	52.138	52.640
13)	MA Dieldrin	7.767	8.609	21533342	103.9E6	50.128	51.793
14)	MA Endrin	8.058	8.844	20296768	87683962	49.963	51.772
15)	B Endosulfa...	8.369	9.068	20036268	80208880	48.613	46.171
16)	A 4,4'-DDD	8.224	8.986	16730372	79254141	51.809	51.511
17)	MA 4,4'-DDT	8.485	9.305	18931662	87345504	51.217	49.273
18)	B Endrin al...	8.557	9.200	16005773	65901605	49.469	51.022
19)	B Endosulfa...	8.788	9.438	21273034	82078336	49.817	49.316
20)	A Methoxychlor	9.080	9.785	11693855	43465069	47.102	45.189
21)	B Endrin ke...	9.305	9.926	24892085	87686039	50.951m	50.658
22)	Mirex	9.493	10.402	22799221	68173051	48.883	49.494

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042022\
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 Acq On : 21 Apr 2022 01:52
 Operator : AR\AJ
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ECD_L

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PSTDCCC050

Manual Integrations

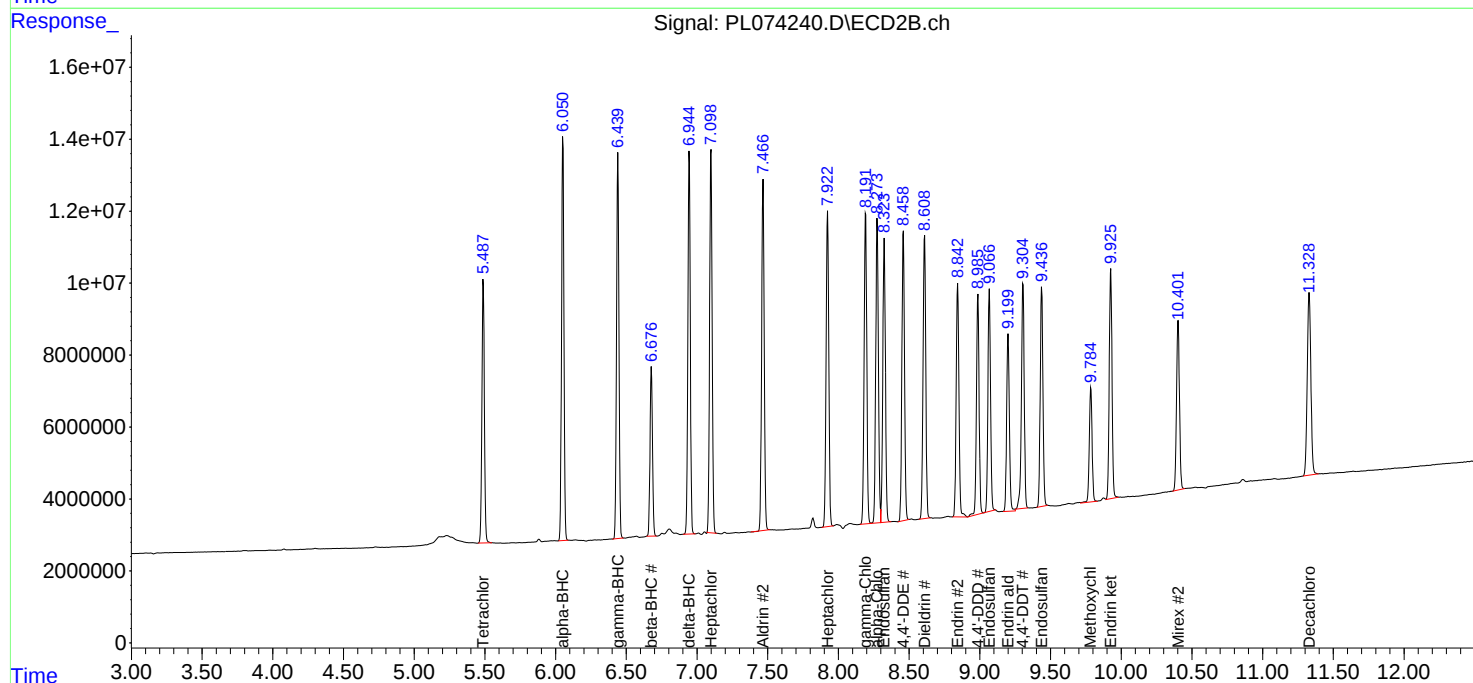
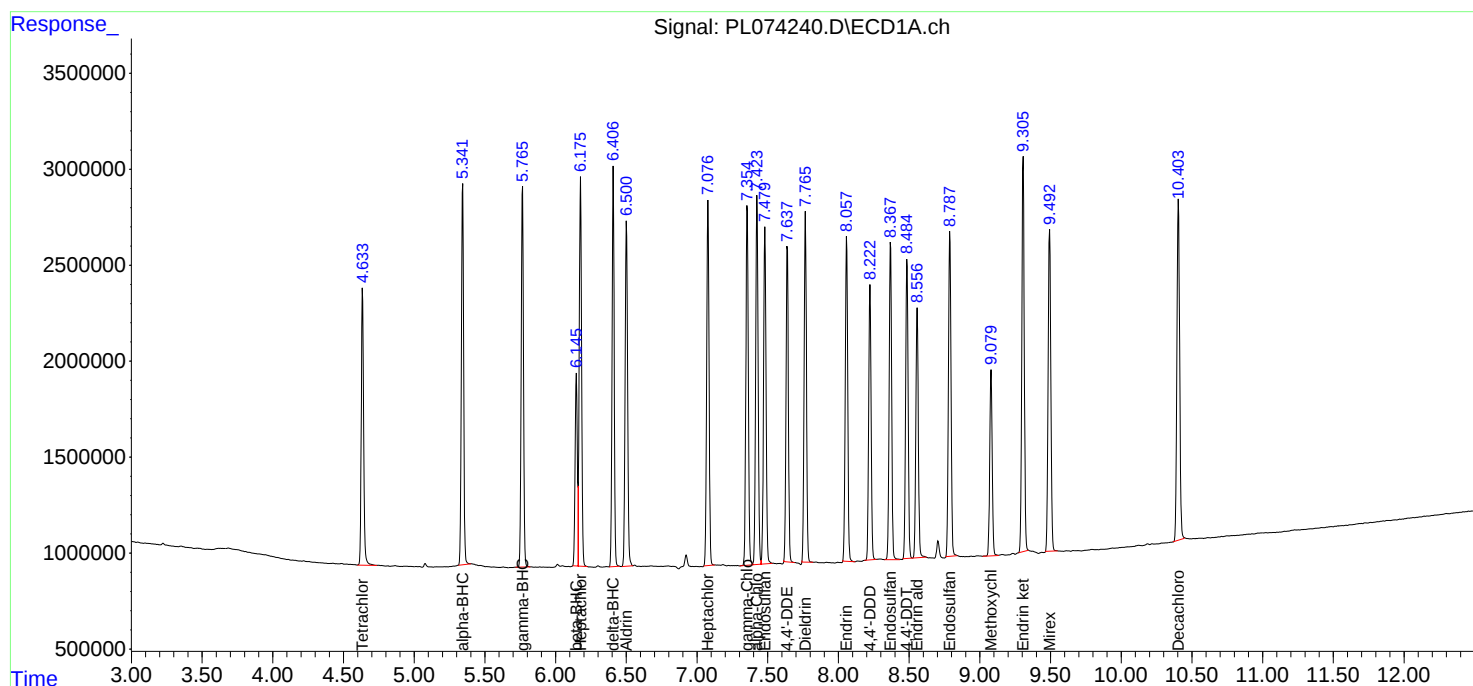
APPROVED

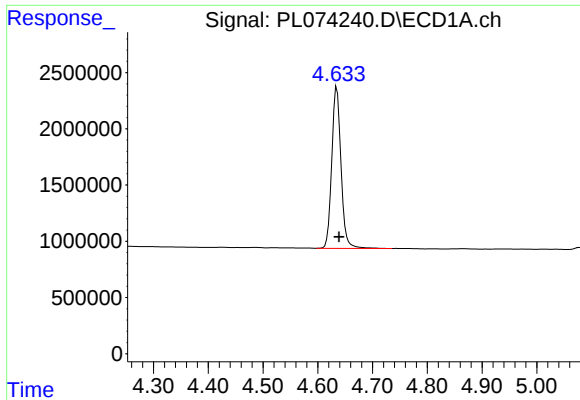
Reviewed By :Abdul Mirza 04/22/2022

Supervised By :mohammad ahmed 04/22/2022

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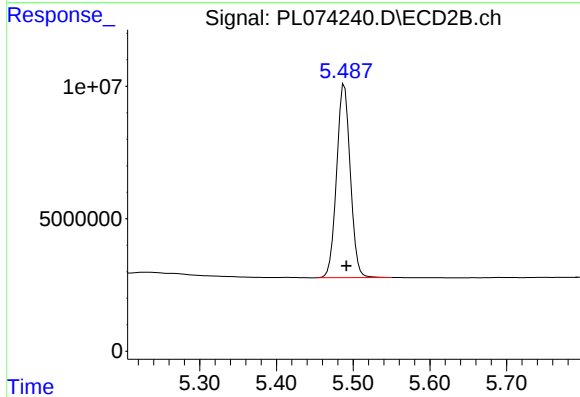
#1 Tetrachloro-m-xylene

R.T.: 4.635 min
Delta R.T.: -0.004 min
Response: 16872282
Conc: 52.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

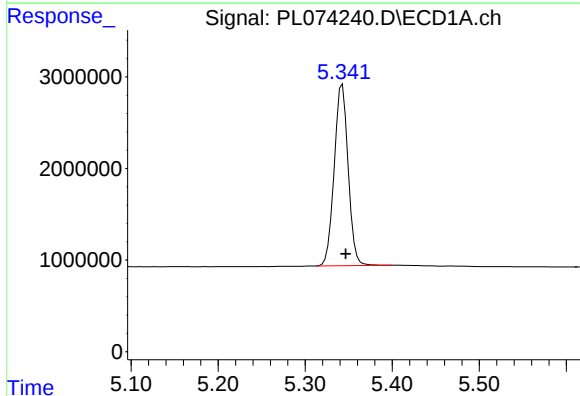
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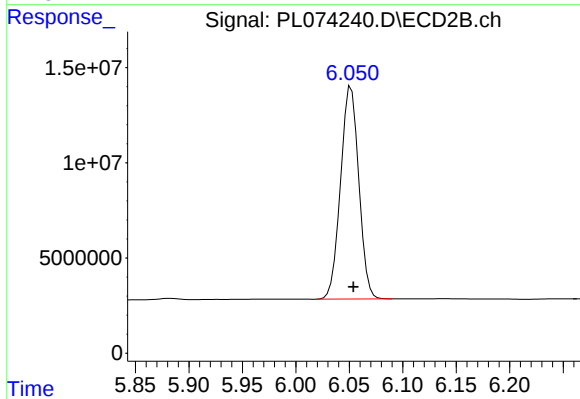
#1 Tetrachloro-m-xylene

R.T.: 5.488 min
Delta R.T.: -0.003 min
Response: 90546506
Conc: 50.78 ng/ml



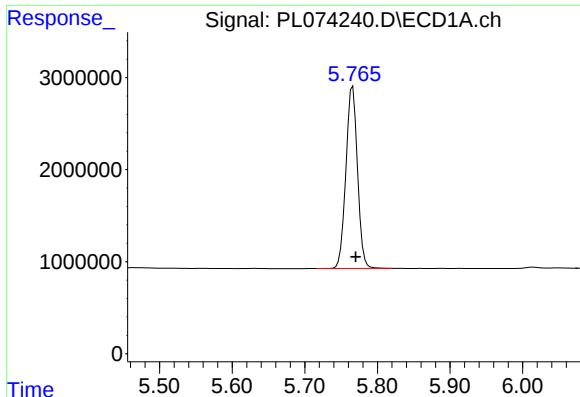
#2 alpha-BHC

R.T.: 5.343 min
Delta R.T.: -0.004 min
Response: 22060069
Conc: 52.57 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 132781256
Conc: 52.73 ng/ml



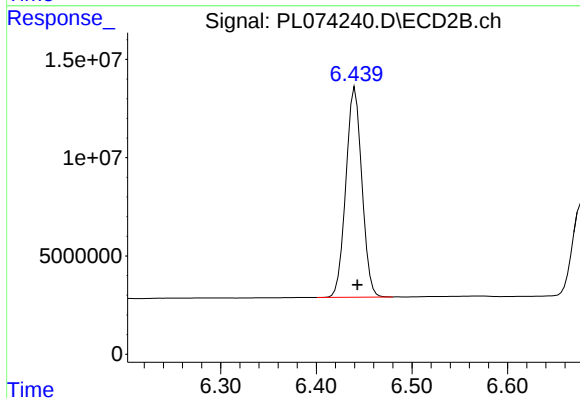
#3 gamma-BHC (Lindane)

R.T.: 5.766 min
Delta R.T.: -0.004 min
Response: 21961716
Conc: 52.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

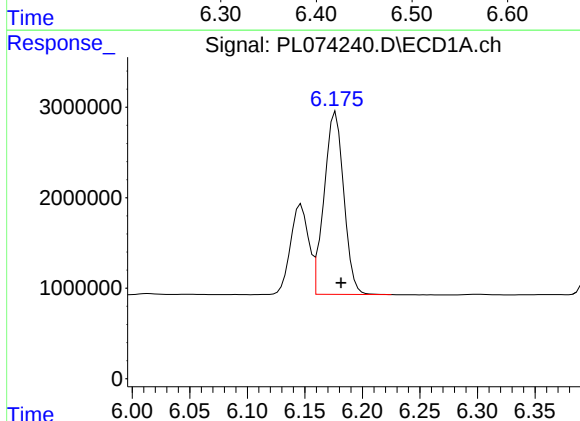
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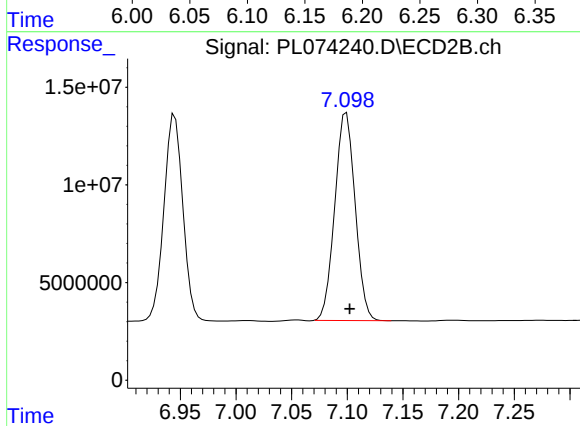
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.003 min
Response: 124750902
Conc: 52.70 ng/ml



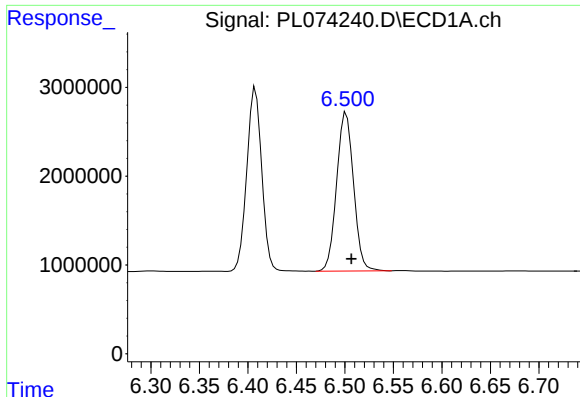
#4 Heptachlor

R.T.: 6.177 min
Delta R.T.: -0.005 min
Response: 23905505
Conc: 53.07 ng/ml



#4 Heptachlor

R.T.: 7.099 min
Delta R.T.: -0.003 min
Response: 135531679
Conc: 51.96 ng/ml



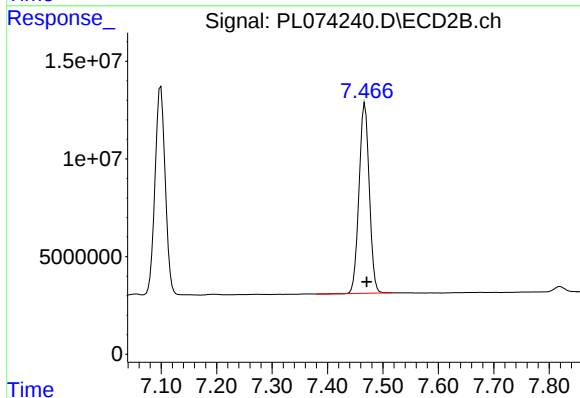
#5 Aldrin

R.T.: 6.501 min
Delta R.T.: -0.005 min
Response: 21662505
Conc: 52.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

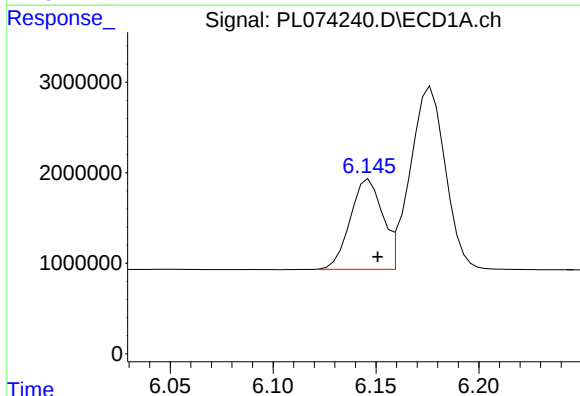
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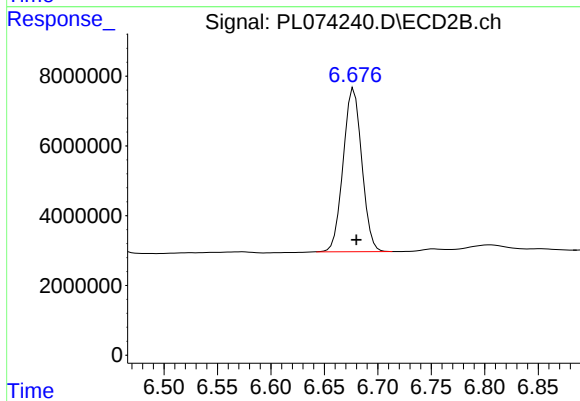
#5 Aldrin

R.T.: 7.467 min
Delta R.T.: -0.003 min
Response: 124569859
Conc: 53.04 ng/ml



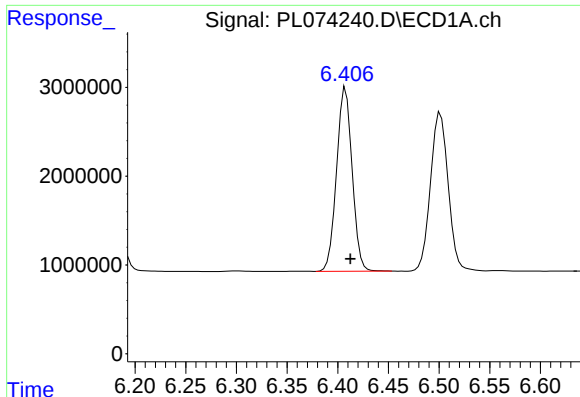
#6 beta-BHC

R.T.: 6.147 min
Delta R.T.: -0.004 min
Response: 10829376
Conc: 53.00 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 56888558
Conc: 50.48 ng/ml



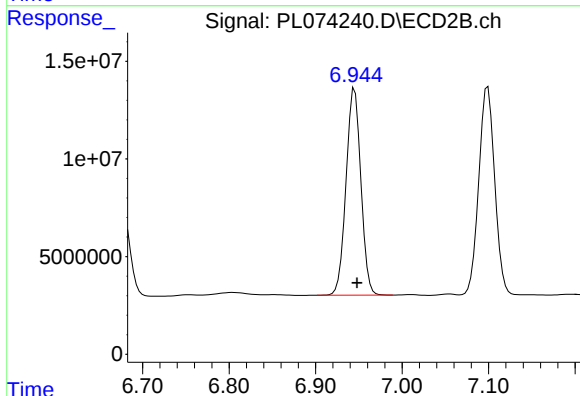
#7 delta-BHC

R.T.: 6.408 min
Delta R.T.: -0.005 min
Response: 22117750
Conc: 53.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

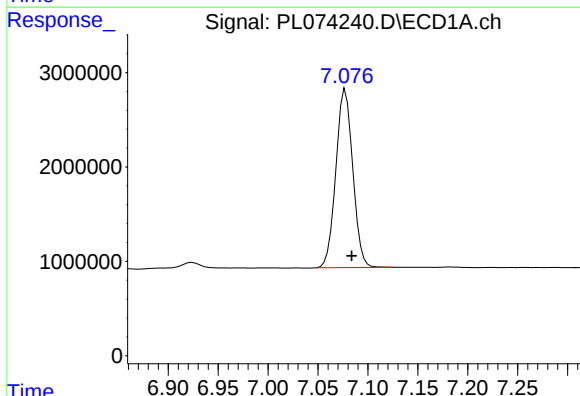
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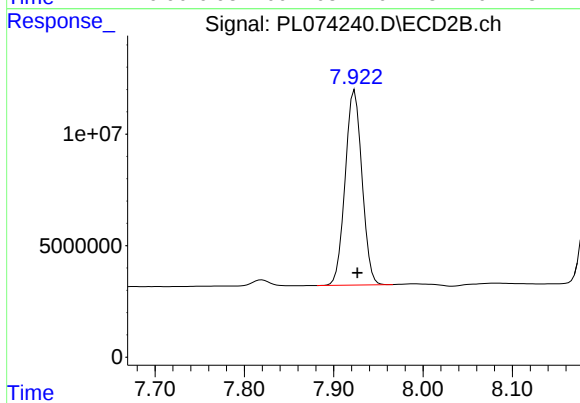
#7 delta-BHC

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 125421782
Conc: 51.35 ng/ml



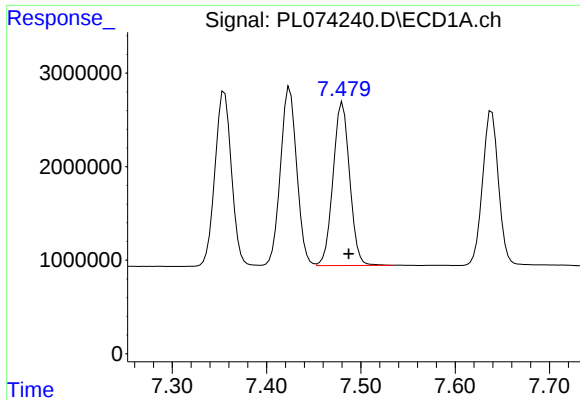
#8 Heptachlor epoxide

R.T.: 7.077 min
Delta R.T.: -0.006 min
Response: 22258690
Conc: 51.89 ng/ml



#8 Heptachlor epoxide

R.T.: 7.923 min
Delta R.T.: -0.003 min
Response: 114328055
Conc: 50.78 ng/ml



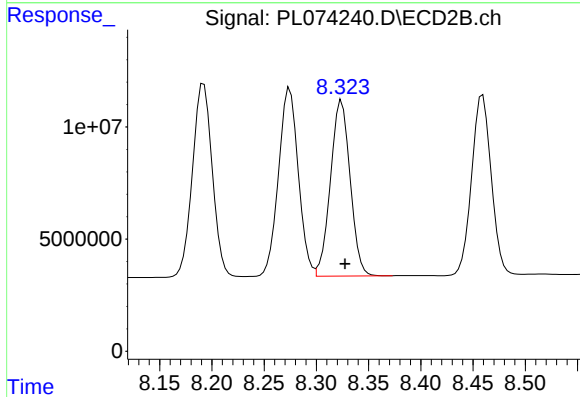
#9 Endosulfan I

R.T.: 7.481 min
Delta R.T.: -0.007 min
Response: 21337405
Conc: 52.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

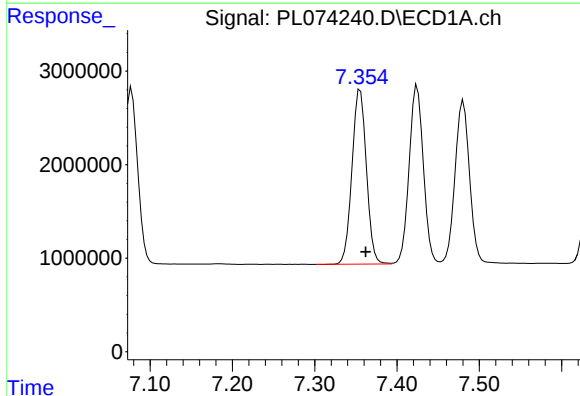
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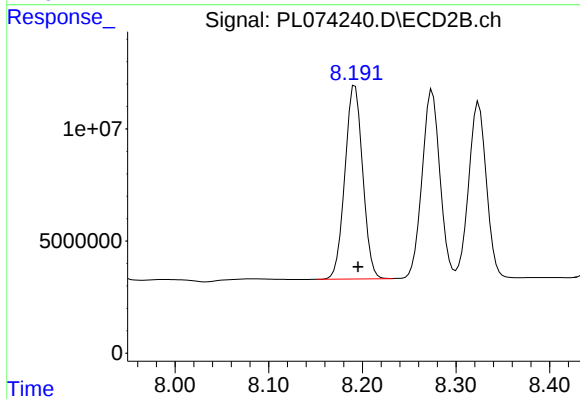
#9 Endosulfan I

R.T.: 8.324 min
Delta R.T.: -0.003 min
Response: 102667688
Conc: 52.15 ng/ml



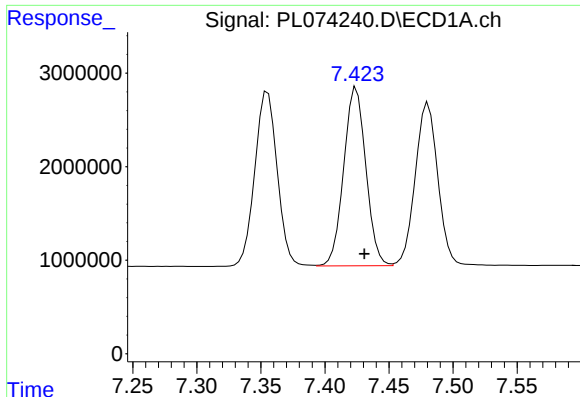
#10 gamma-Chlordane

R.T.: 7.355 min
Delta R.T.: -0.007 min
Response: 22726774
Conc: 51.82 ng/ml



#10 gamma-Chlordane

R.T.: 8.192 min
Delta R.T.: -0.003 min
Response: 114066073
Conc: 51.14 ng/ml



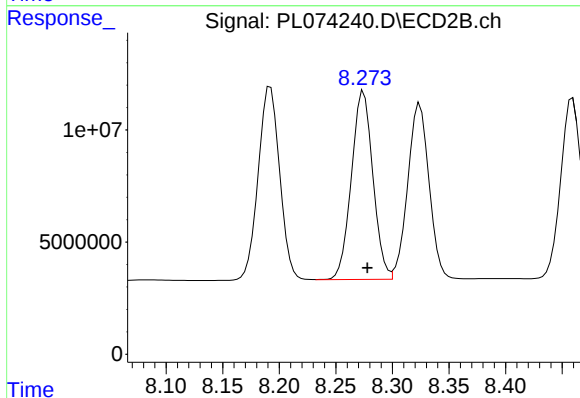
#11 alpha-Chlordane

R.T.: 7.425 min
Delta R.T.: -0.006 min
Response: 22944260
Conc: 51.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

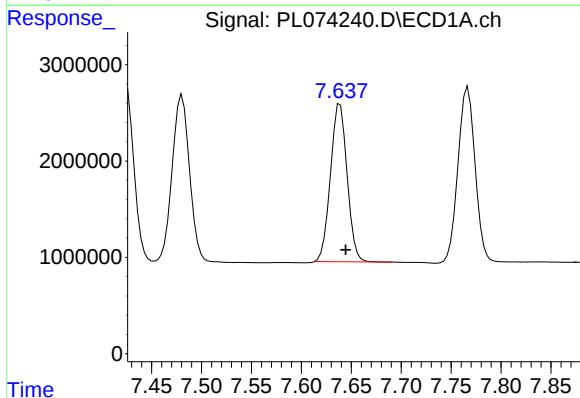
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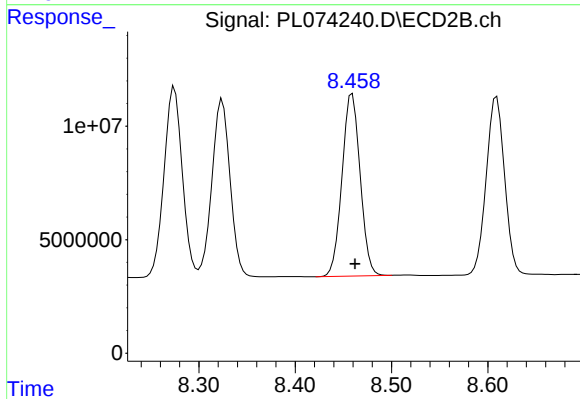
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 111303415
Conc: 51.71 ng/ml



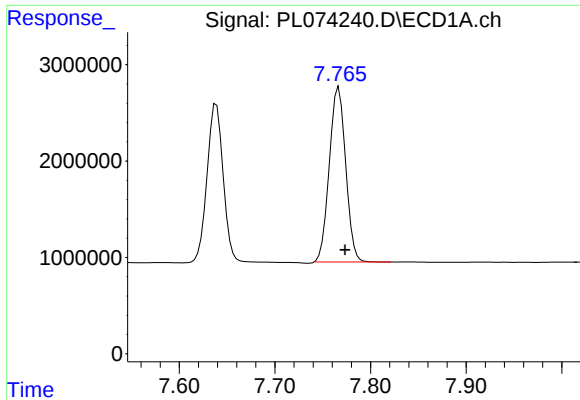
#12 4,4'-DDE

R.T.: 7.639 min
Delta R.T.: -0.006 min
Response: 19020727
Conc: 52.14 ng/ml



#12 4,4'-DDE

R.T.: 8.459 min
Delta R.T.: -0.003 min
Response: 104843424
Conc: 52.64 ng/ml



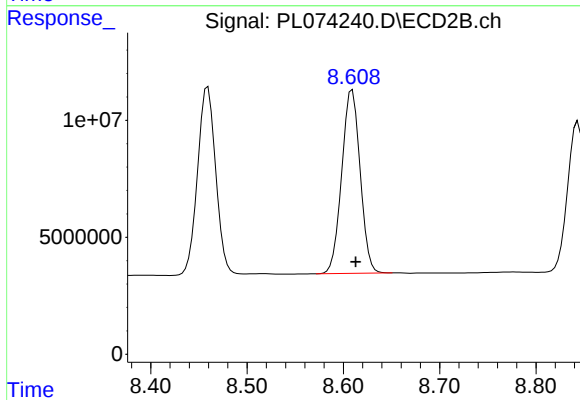
#13 Dieldrin

R.T.: 7.767 min
Delta R.T.: -0.007 min
Response: 21533342
Conc: 50.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
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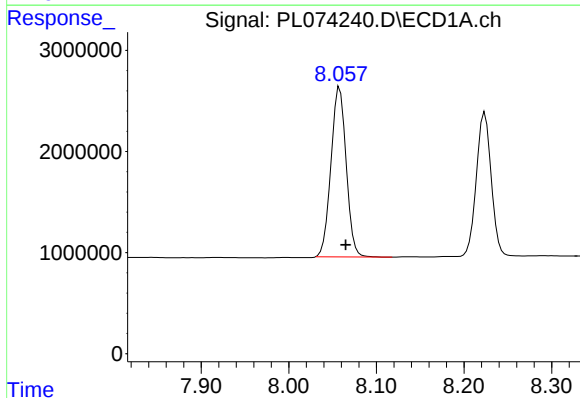
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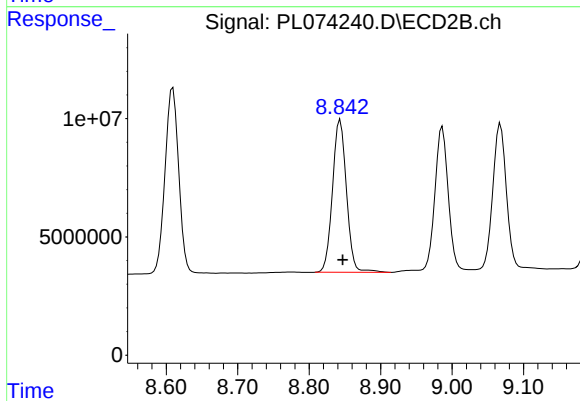
#13 Dieldrin

R.T.: 8.609 min
Delta R.T.: -0.003 min
Response: 103858671
Conc: 51.79 ng/ml



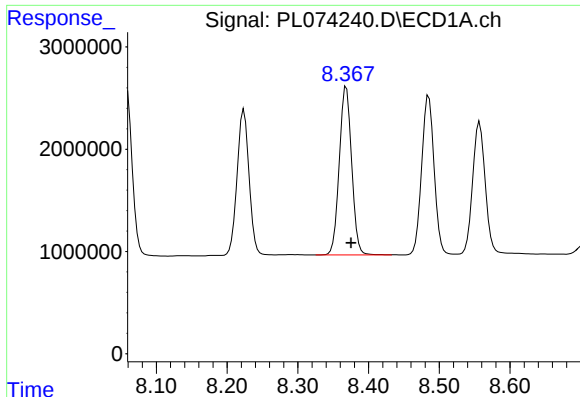
#14 Endrin

R.T.: 8.058 min
Delta R.T.: -0.007 min
Response: 20296768
Conc: 49.96 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: -0.004 min
Response: 87683962
Conc: 51.77 ng/ml



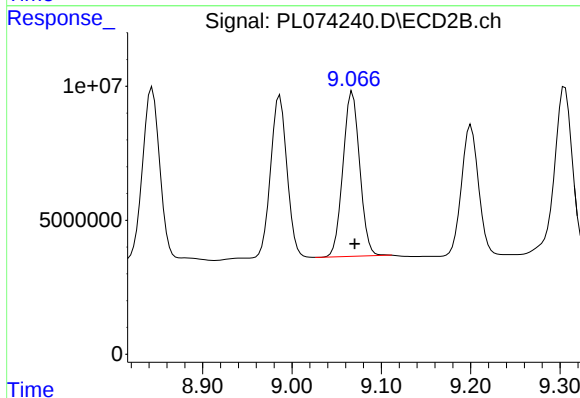
#15 Endosulfan II

R.T.: 8.369 min
Delta R.T.: -0.007 min
Response: 20036268
Conc: 48.61 ng/ml

Instrument :
ECD_L
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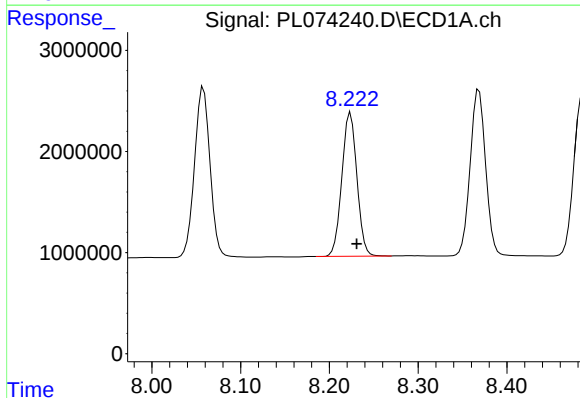
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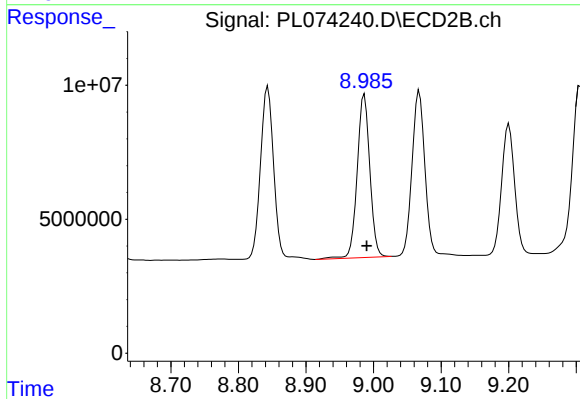
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: -0.003 min
Response: 80208880
Conc: 46.17 ng/ml



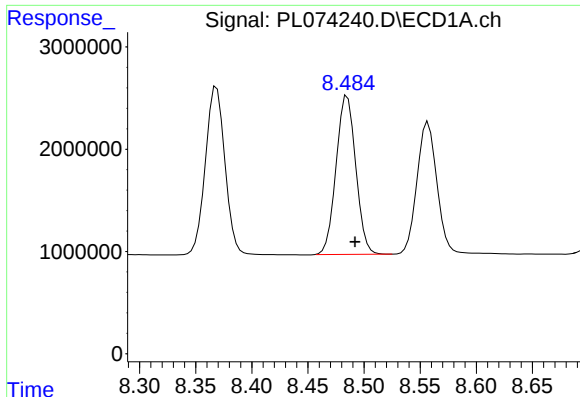
#16 4,4'-DDD

R.T.: 8.224 min
Delta R.T.: -0.007 min
Response: 16730372
Conc: 51.81 ng/ml



#16 4,4'-DDD

R.T.: 8.986 min
Delta R.T.: -0.004 min
Response: 79254141
Conc: 51.51 ng/ml



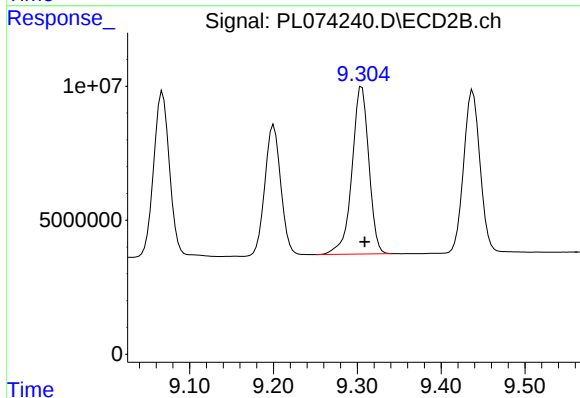
#17 4,4'-DDT

R.T.: 8.485 min
Delta R.T.: -0.007 min
Response: 18931662
Conc: 51.22 ng/ml

Instrument :
ECD_L
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PSTDCCC050

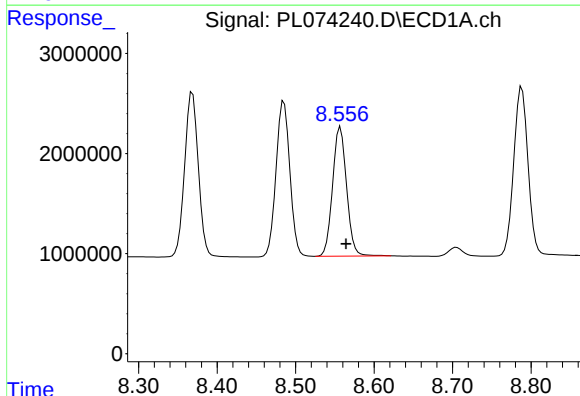
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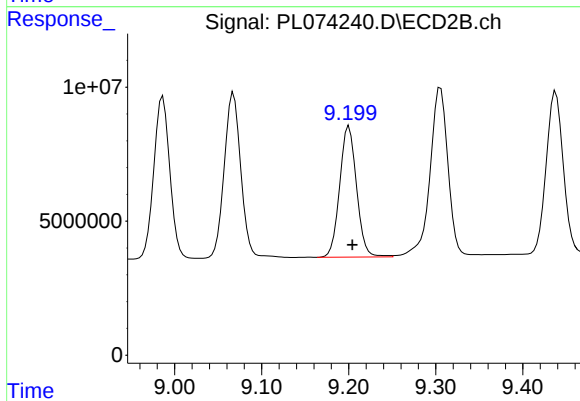
#17 4,4'-DDT

R.T.: 9.305 min
Delta R.T.: -0.003 min
Response: 87345504
Conc: 49.27 ng/ml



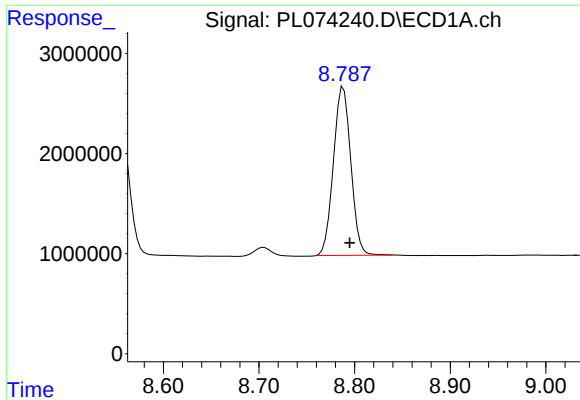
#18 Endrin aldehyde

R.T.: 8.557 min
Delta R.T.: -0.007 min
Response: 16005773
Conc: 49.47 ng/ml



#18 Endrin aldehyde

R.T.: 9.200 min
Delta R.T.: -0.004 min
Response: 65901605
Conc: 51.02 ng/ml



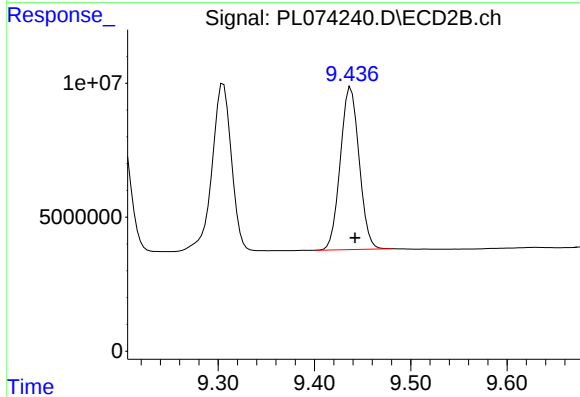
#19 Endosulfan Sulfate

R.T.: 8.788 min
Delta R.T.: -0.007 min
Response: 21273034
Conc: 49.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

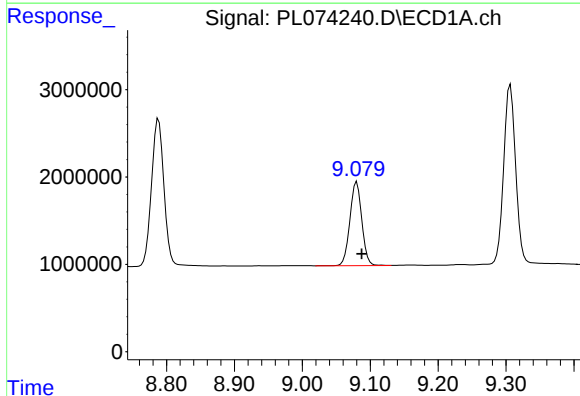
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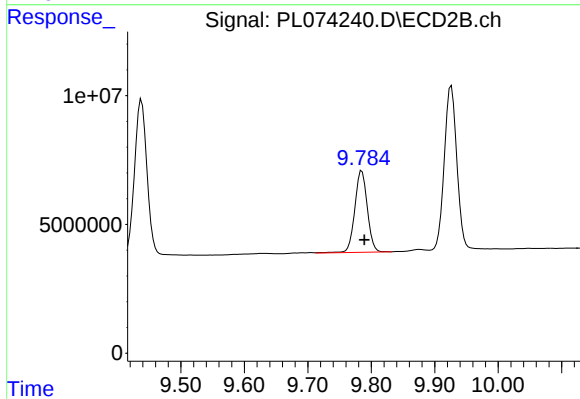
#19 Endosulfan Sulfate

R.T.: 9.438 min
Delta R.T.: -0.004 min
Response: 82078336
Conc: 49.32 ng/ml



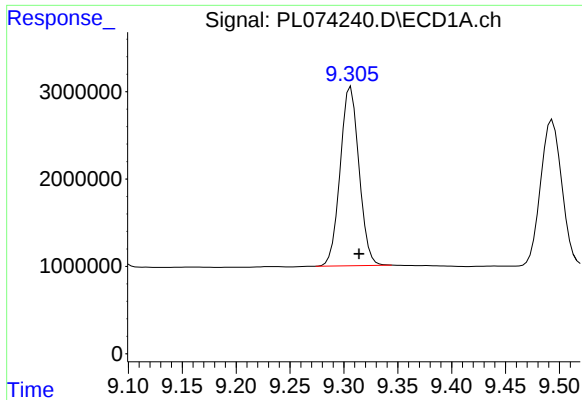
#20 Methoxychlor

R.T.: 9.080 min
Delta R.T.: -0.007 min
Response: 11693855
Conc: 47.10 ng/ml



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: -0.004 min
Response: 43465069
Conc: 45.19 ng/ml



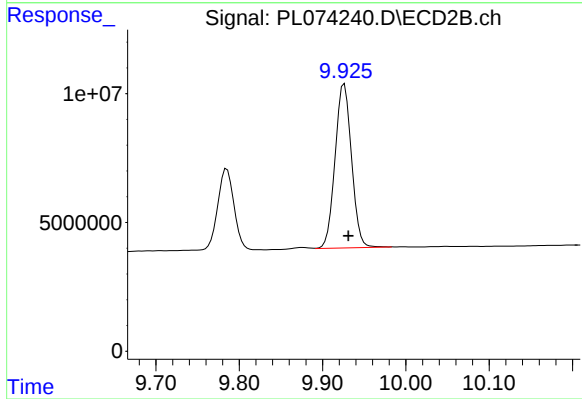
#21 Endrin ketone

R.T.: 9.305 min
Delta R.T.: -0.009 min
Response: 24892085
Conc: 50.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

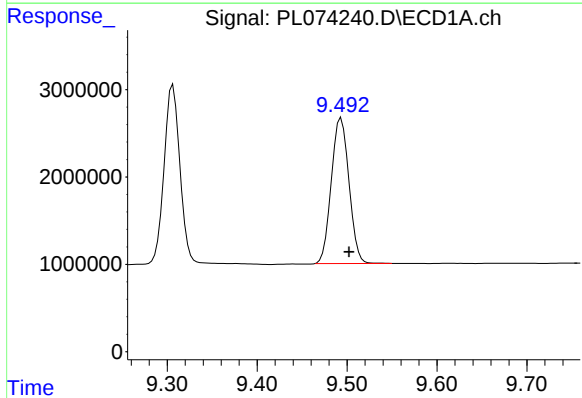
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2022
Supervised By :mohammad ahmed 04/22/2022



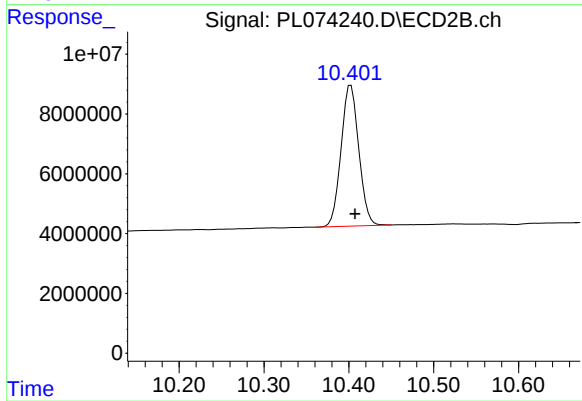
#21 Endrin ketone

R.T.: 9.926 min
Delta R.T.: -0.005 min
Response: 87686039
Conc: 50.66 ng/ml



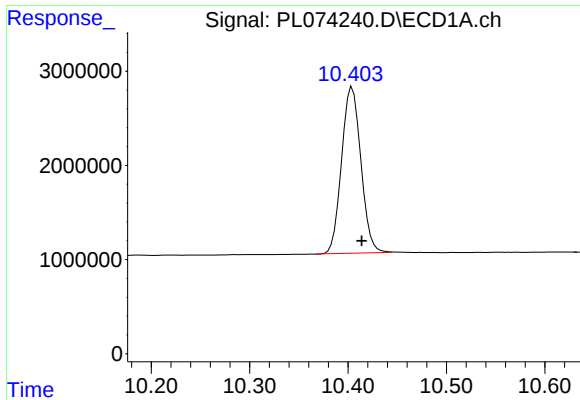
#22 Mirex

R.T.: 9.493 min
Delta R.T.: -0.009 min
Response: 22799221
Conc: 48.88 ng/ml



#22 Mirex

R.T.: 10.402 min
Delta R.T.: -0.005 min
Response: 68173051
Conc: 49.49 ng/ml



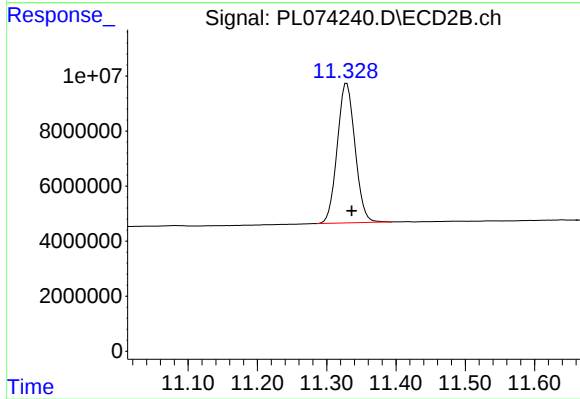
#28 Decachlorobiphenyl

R.T.: 10.403 min
Delta R.T.: -0.011 min
Response: 24089627
Conc: 46.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/22/2022
Supervised By :mohammad ahmed 04/22/2022



#28 Decachlorobiphenyl

R.T.: 11.329 min
Delta R.T.: -0.007 min
Response: 90327072
Conc: 51.14 ng/ml