

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050322\
 Data File : PL074480.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 May 2022 13:32
 Operator : AR\AJ
 Sample : PB144534BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB144534BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/04/2022
 Supervised By :mohammad ahmed 05/04/2022

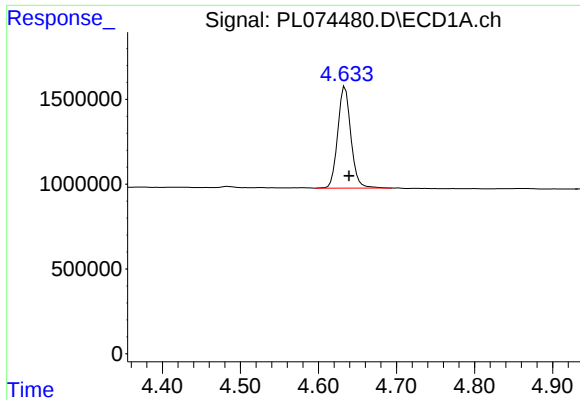
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 04:50:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	4.634	5.487	7001120	38611676	21.668	21.656
28)	SA Decachlor...	10.402	11.329	12262516	41301005	23.580m	23.383
Target Compounds							
2)	A alpha-BHC	5.342	6.051	23842300	142.5E6	56.813	56.588
3)	MA gamma-BHC...	5.765	6.440	23668930	133.6E6	56.435	56.432
4)	MA Heptachlor	6.176	7.099	25461493	143.5E6	56.524	55.017
5)	MB Aldrin	6.501	7.467	24599913	141.1E6	59.270	60.066
6)	B beta-BHC	6.146	6.677	10861088	58497335	53.155	51.904
7)	B delta-BHC	6.407	6.945	23860385	134.0E6	57.679	54.880
8)	B Heptachlo...	7.077	7.923	24464797	125.3E6	57.036	55.652
9)	A Endosulfan I	7.480	8.324	23216514	113.2E6	56.609	57.477
10)	B gamma-Chl...	7.355	8.192	25069853	126.8E6	57.160	56.833
11)	B alpha-Chl...	7.424	8.274	25320157	124.2E6	57.315	57.679
12)	B 4,4'-DDE	7.638	8.459	21338690	119.4E6	58.491	59.971
13)	MA Dieldrin	7.765	8.609	24839918	121.6E6	57.825m	60.646
14)	MA Endrin	8.057	8.843	23450076	101.8E6	57.726	60.078
15)	B Endosulfa...	8.368	9.068	24180879	101.1E6	58.669	58.189
16)	A 4,4'-DDD	8.224	8.987	18540264	90362370	57.413	58.730
17)	MA 4,4'-DDT	8.485	9.305	20756849	97430788	56.154	54.963
18)	B Endrin al...	8.557	9.200	19967649	81750507	61.714	63.293
19)	B Endosulfa...	8.788	9.438	23972102	94862106	56.138	56.997
20)	A Methoxychlor	9.080	9.785	12590850	49588643	50.715	51.556
21)	B Endrin ke...	9.305	9.926	28265419	101.5E6	57.855m	58.617
22)	Mirex	9.493	10.403	25112635	77704647	53.843	56.414

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



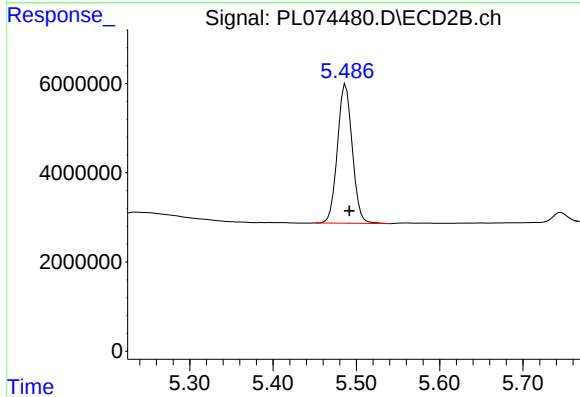
#1 Tetrachloro-m-xylene

R.T.: 4.634 min
Delta R.T.: -0.005 min
Response: 7001120
Conc: 21.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144534BS

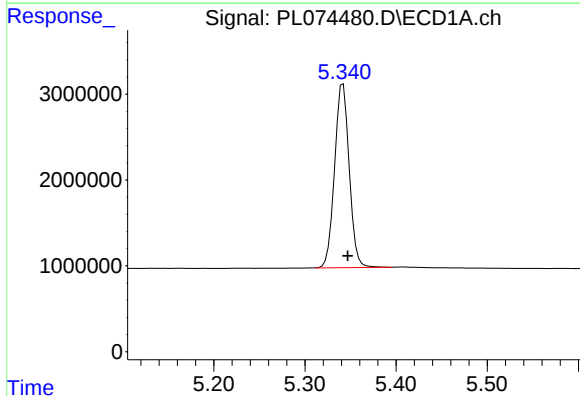
Manual Integrations
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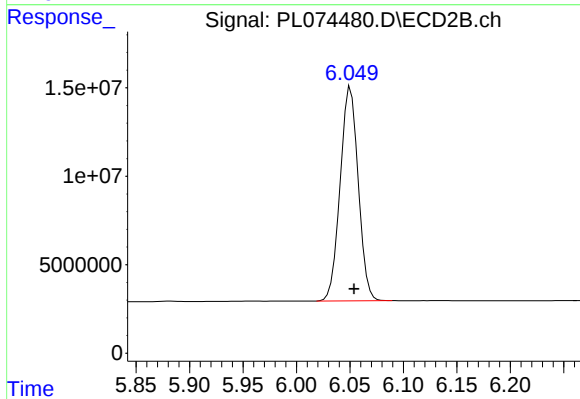
#1 Tetrachloro-m-xylene

R.T.: 5.487 min
Delta R.T.: -0.004 min
Response: 38611676
Conc: 21.66 ng/ml



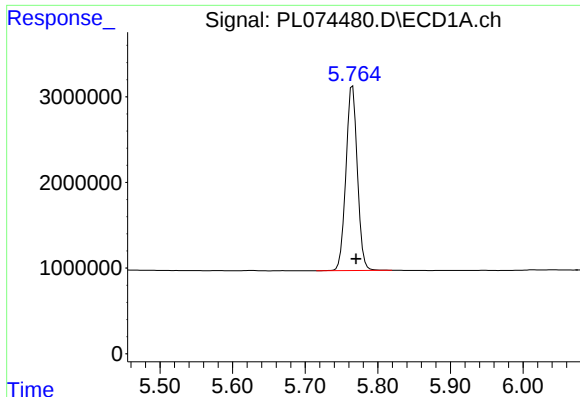
#2 alpha-BHC

R.T.: 5.342 min
Delta R.T.: -0.005 min
Response: 23842300
Conc: 56.81 ng/ml



#2 alpha-BHC

R.T.: 6.051 min
Delta R.T.: -0.003 min
Response: 142493418
Conc: 56.59 ng/ml



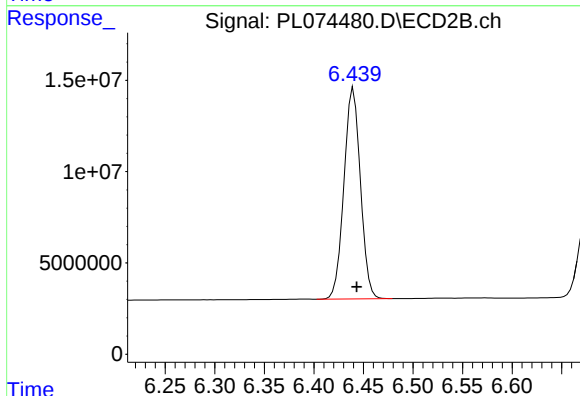
#3 gamma-BHC (Lindane)

R.T.: 5.765 min
Delta R.T.: -0.005 min
Response: 23668930
Conc: 56.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144534BS

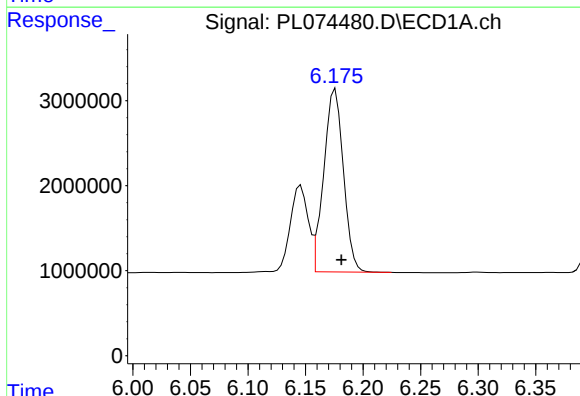
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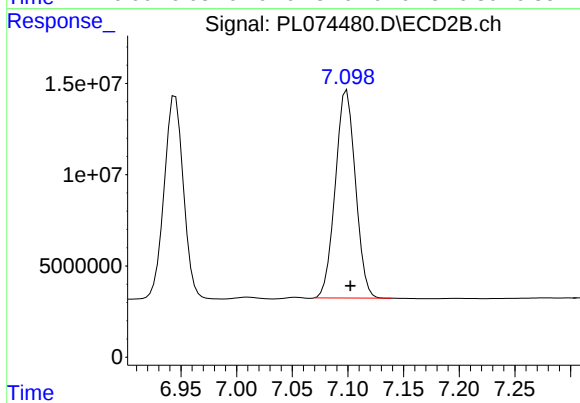
#3 gamma-BHC (Lindane)

R.T.: 6.440 min
Delta R.T.: -0.003 min
Response: 133580939
Conc: 56.43 ng/ml



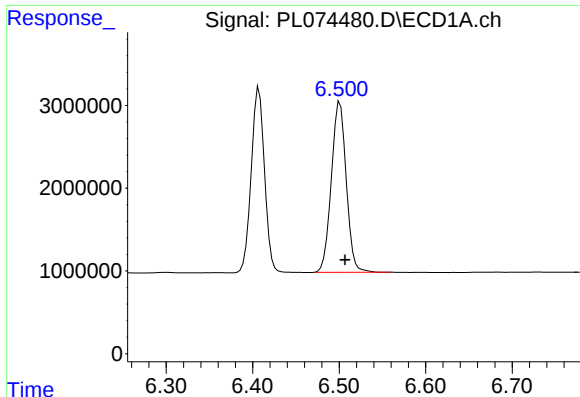
#4 Heptachlor

R.T.: 6.176 min
Delta R.T.: -0.005 min
Response: 25461493
Conc: 56.52 ng/ml



#4 Heptachlor

R.T.: 7.099 min
Delta R.T.: -0.003 min
Response: 143508291
Conc: 55.02 ng/ml



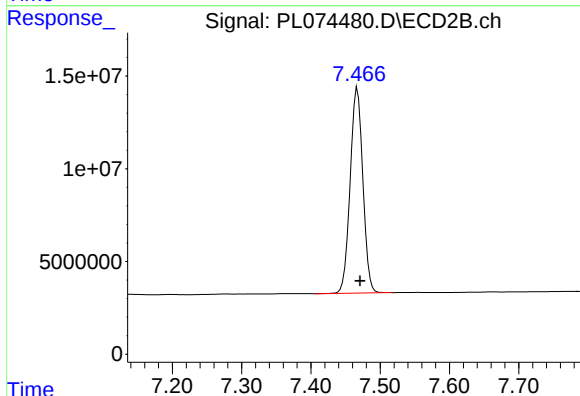
#5 Aldrin

R.T.: 6.501 min
Delta R.T.: -0.006 min
Response: 24599913
Conc: 59.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144534BS

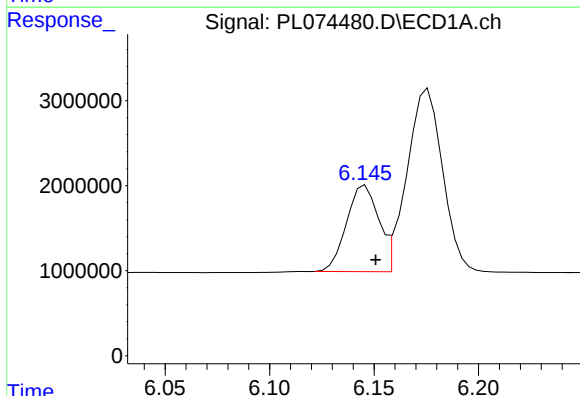
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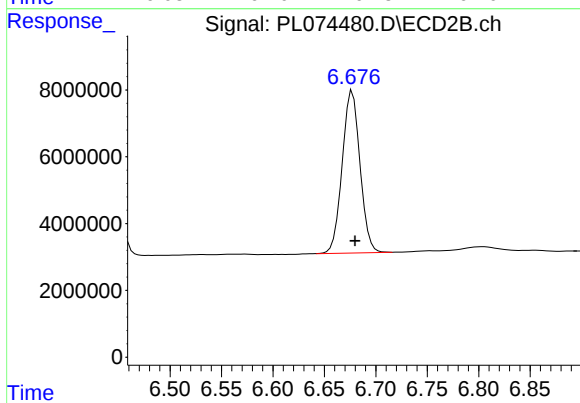
#5 Aldrin

R.T.: 7.467 min
Delta R.T.: -0.004 min
Response: 141070421
Conc: 60.07 ng/ml



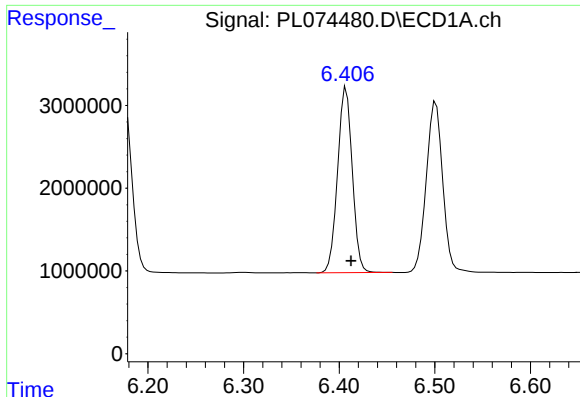
#6 beta-BHC

R.T.: 6.146 min
Delta R.T.: -0.005 min
Response: 10861088
Conc: 53.16 ng/ml



#6 beta-BHC

R.T.: 6.677 min
Delta R.T.: -0.003 min
Response: 58497335
Conc: 51.90 ng/ml



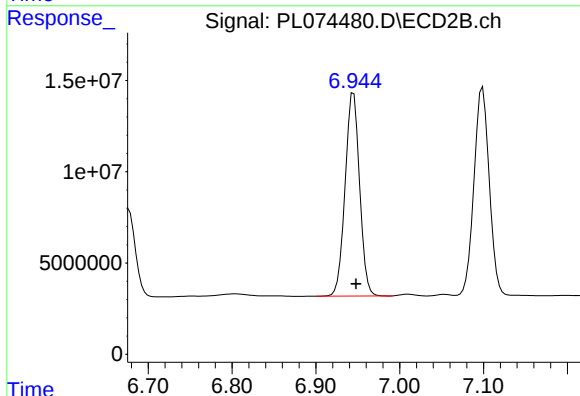
#7 delta-BHC

R.T.: 6.407 min
Delta R.T.: -0.005 min
Response: 23860385
Conc: 57.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144534BS

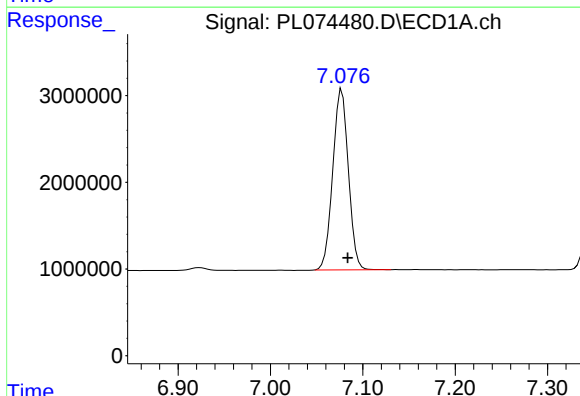
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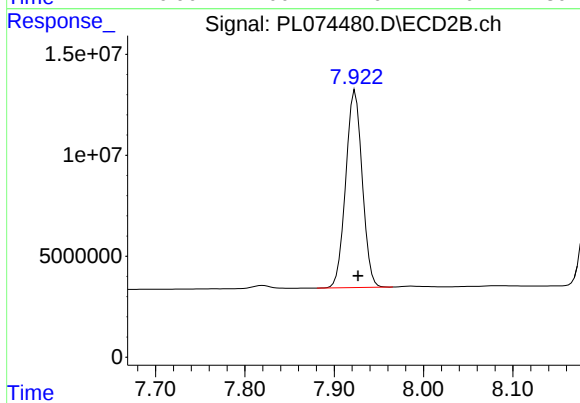
#7 delta-BHC

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 134033064
Conc: 54.88 ng/ml



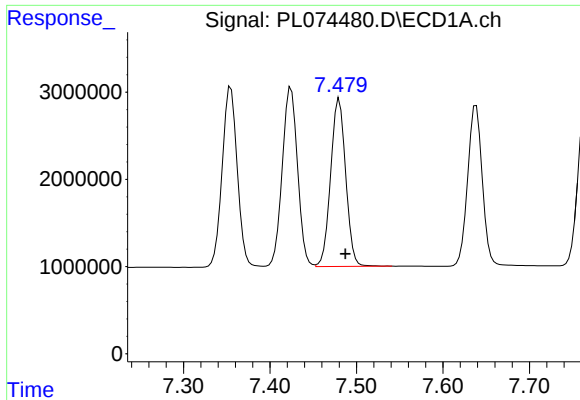
#8 Heptachlor epoxide

R.T.: 7.077 min
Delta R.T.: -0.006 min
Response: 24464797
Conc: 57.04 ng/ml



#8 Heptachlor epoxide

R.T.: 7.923 min
Delta R.T.: -0.003 min
Response: 125303714
Conc: 55.65 ng/ml



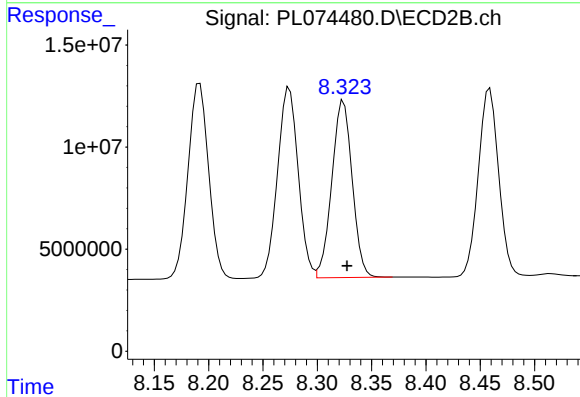
#9 Endosulfan I

R.T.: 7.480 min
Delta R.T.: -0.007 min
Response: 23216514
Conc: 56.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144534BS

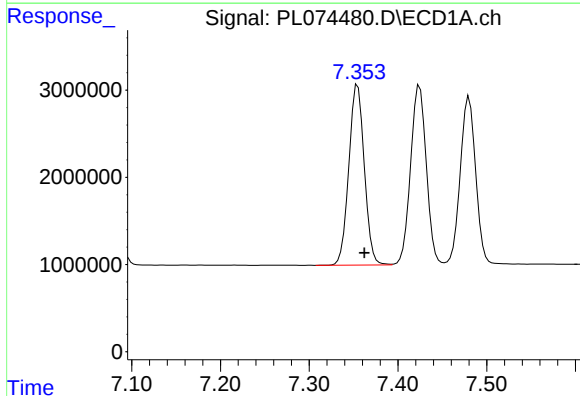
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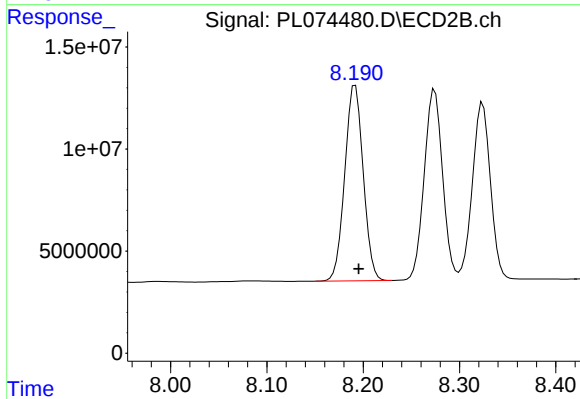
#9 Endosulfan I

R.T.: 8.324 min
Delta R.T.: -0.003 min
Response: 113153543
Conc: 57.48 ng/ml



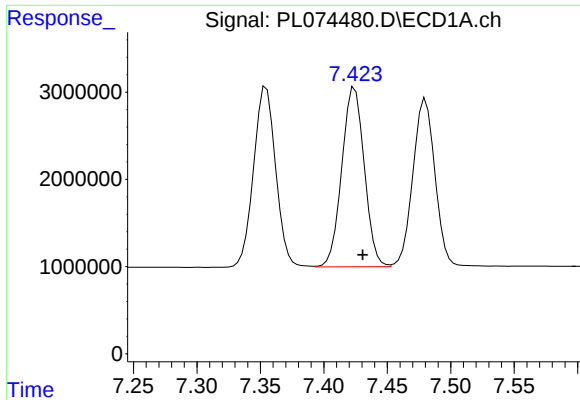
#10 gamma-Chlordane

R.T.: 7.355 min
Delta R.T.: -0.007 min
Response: 25069853
Conc: 57.16 ng/ml



#10 gamma-Chlordane

R.T.: 8.192 min
Delta R.T.: -0.004 min
Response: 126758403
Conc: 56.83 ng/ml



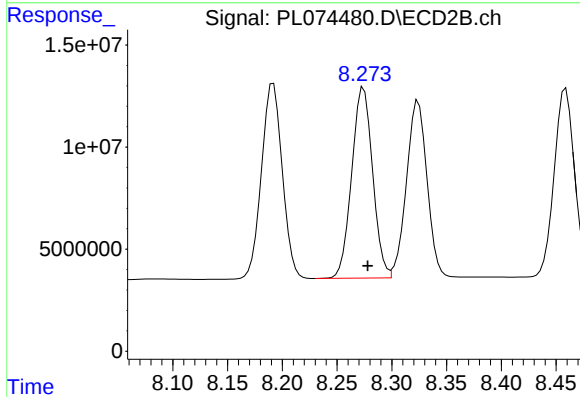
#11 alpha-Chlordane

R.T.: 7.424 min
Delta R.T.: -0.006 min
Response: 25320157
Conc: 57.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144534BS

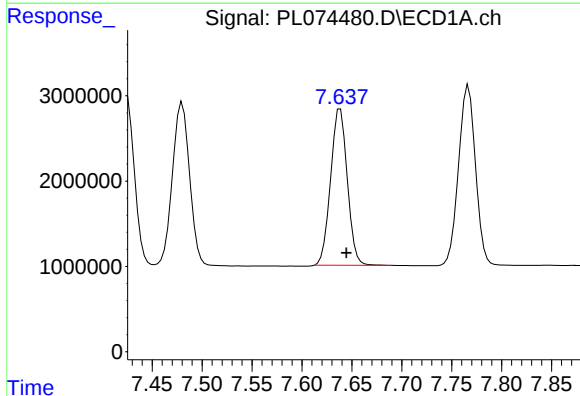
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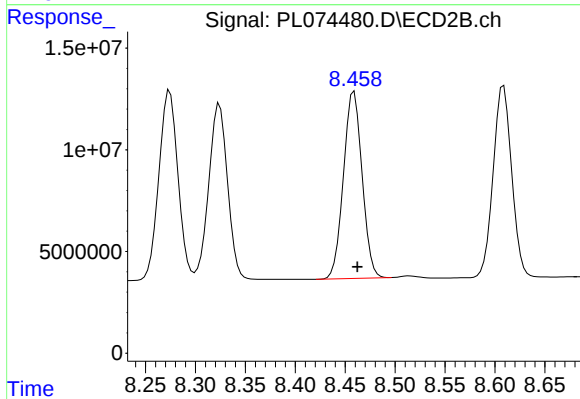
#11 alpha-Chlordane

R.T.: 8.274 min
Delta R.T.: -0.004 min
Response: 124158196
Conc: 57.68 ng/ml



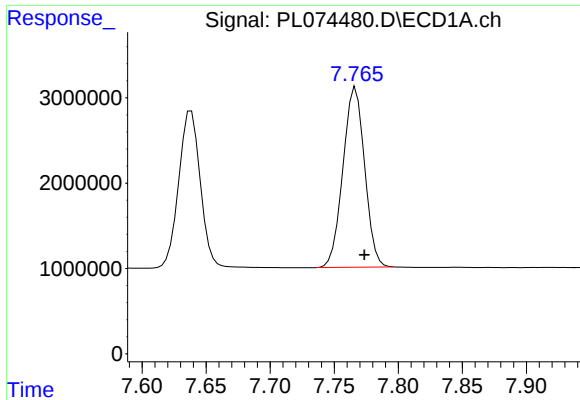
#12 4,4'-DDE

R.T.: 7.638 min
Delta R.T.: -0.006 min
Response: 21338690
Conc: 58.49 ng/ml



#12 4,4'-DDE

R.T.: 8.459 min
Delta R.T.: -0.003 min
Response: 119444994
Conc: 59.97 ng/ml



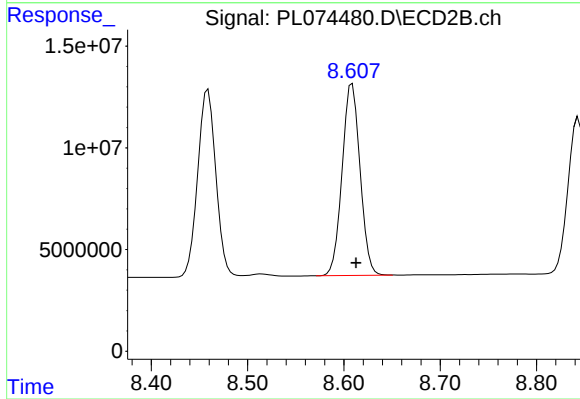
#13 Dieldrin

R.T.: 7.765 min
Delta R.T.: -0.008 min
Response: 24839918
Conc: 57.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144534BS

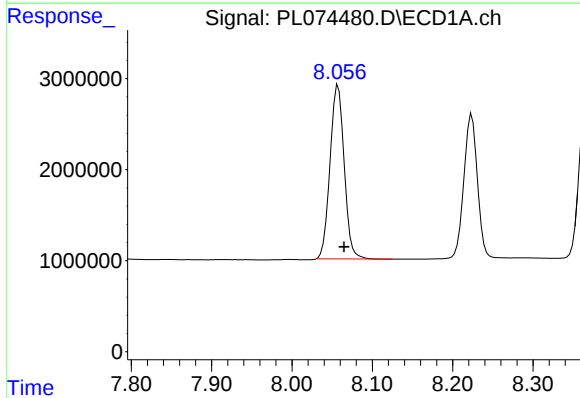
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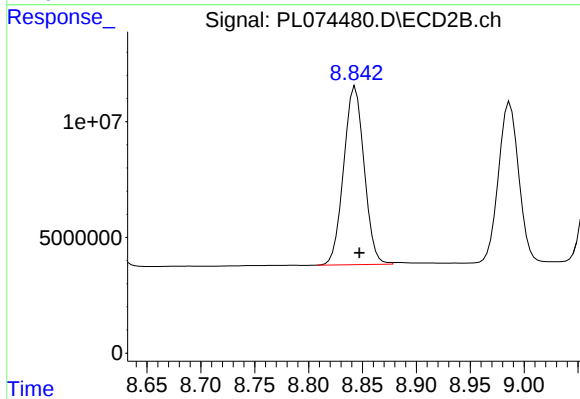
#13 Dieldrin

R.T.: 8.609 min
Delta R.T.: -0.004 min
Response: 121612280
Conc: 60.65 ng/ml



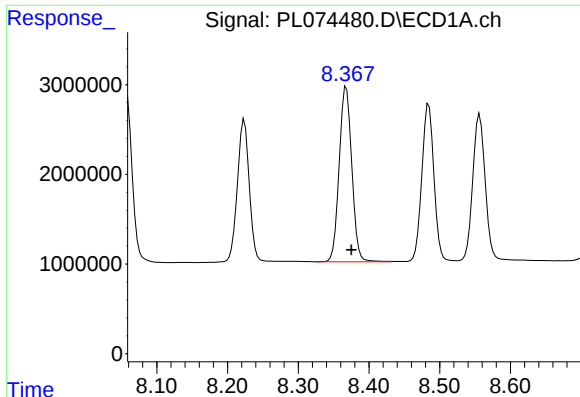
#14 Endrin

R.T.: 8.057 min
Delta R.T.: -0.007 min
Response: 23450076
Conc: 57.73 ng/ml



#14 Endrin

R.T.: 8.843 min
Delta R.T.: -0.004 min
Response: 101751297
Conc: 60.08 ng/ml



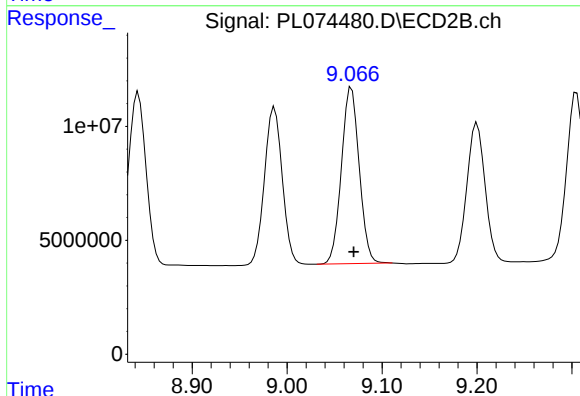
#15 Endosulfan II

R.T.: 8.368 min
Delta R.T.: -0.007 min
Response: 24180879
Conc: 58.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144534BS

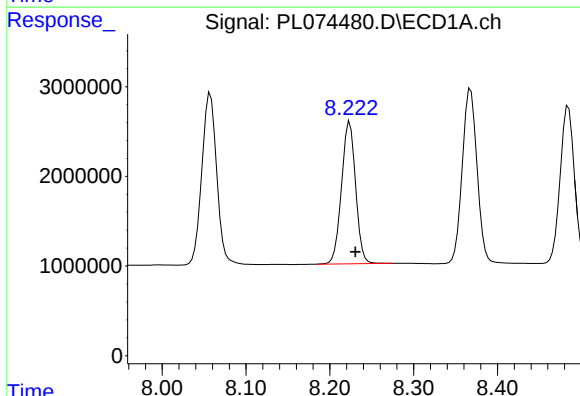
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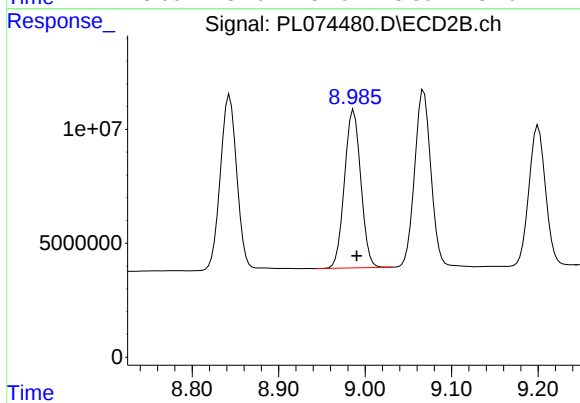
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: -0.003 min
Response: 101087718
Conc: 58.19 ng/ml



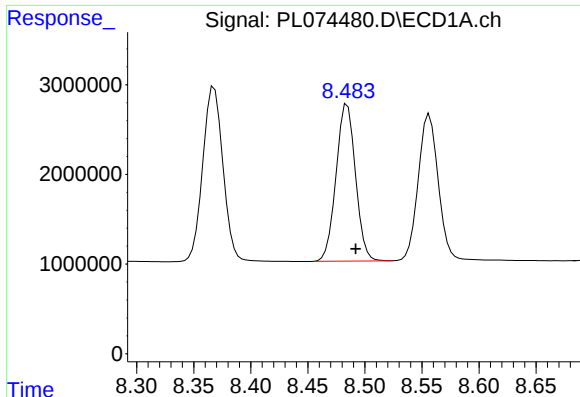
#16 4,4'-DDD

R.T.: 8.224 min
Delta R.T.: -0.007 min
Response: 18540264
Conc: 57.41 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 90362370
Conc: 58.73 ng/ml



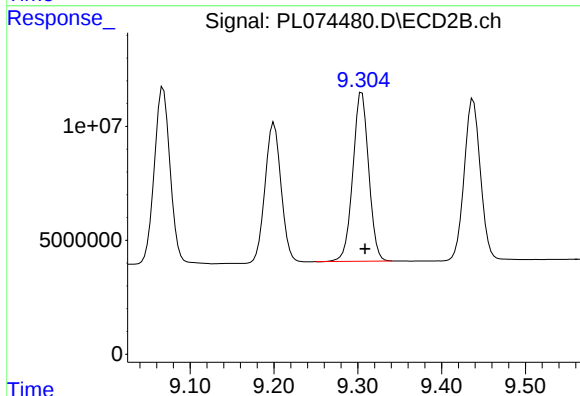
#17 4,4'-DDT

R.T.: 8.485 min
Delta R.T.: -0.007 min
Response: 20756849
Conc: 56.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144534BS

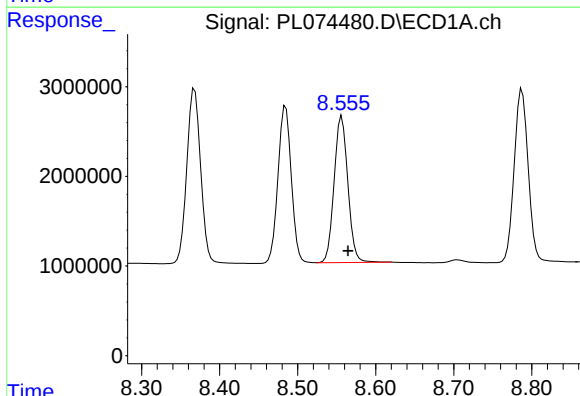
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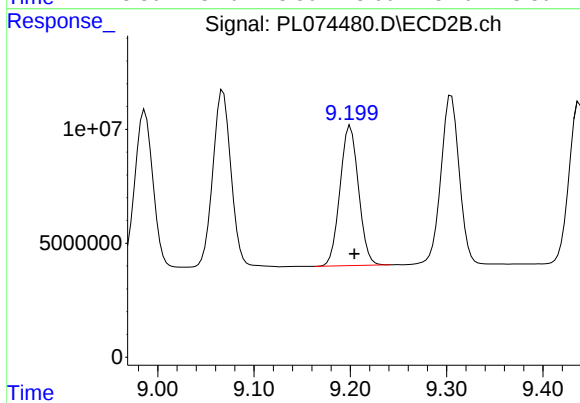
#17 4,4'-DDT

R.T.: 9.305 min
Delta R.T.: -0.004 min
Response: 97430788
Conc: 54.96 ng/ml



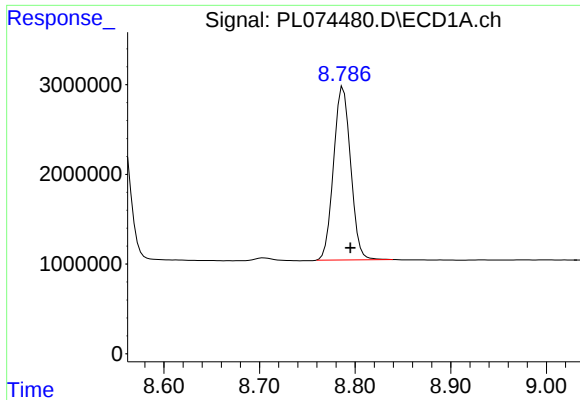
#18 Endrin aldehyde

R.T.: 8.557 min
Delta R.T.: -0.008 min
Response: 19967649
Conc: 61.71 ng/ml



#18 Endrin aldehyde

R.T.: 9.200 min
Delta R.T.: -0.004 min
Response: 81750507
Conc: 63.29 ng/ml



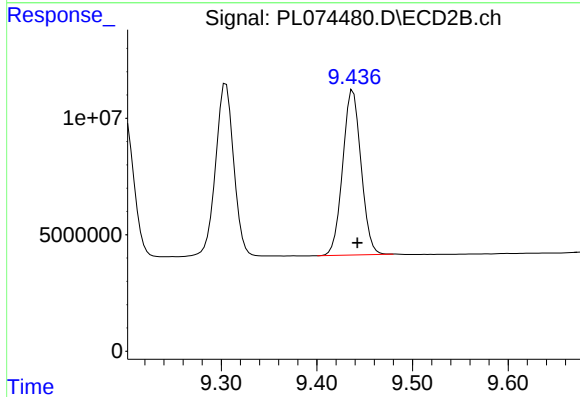
#19 Endosulfan Sulfate

R.T.: 8.788 min
Delta R.T.: -0.007 min
Response: 23972102
Conc: 56.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144534BS

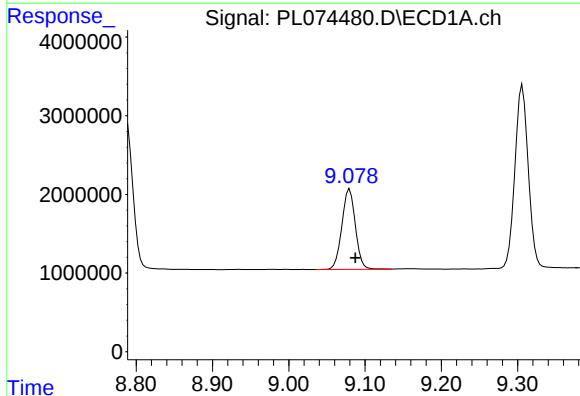
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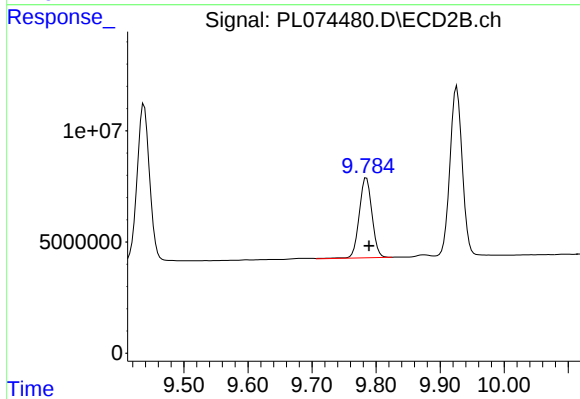
#19 Endosulfan Sulfate

R.T.: 9.438 min
Delta R.T.: -0.005 min
Response: 94862106
Conc: 57.00 ng/ml



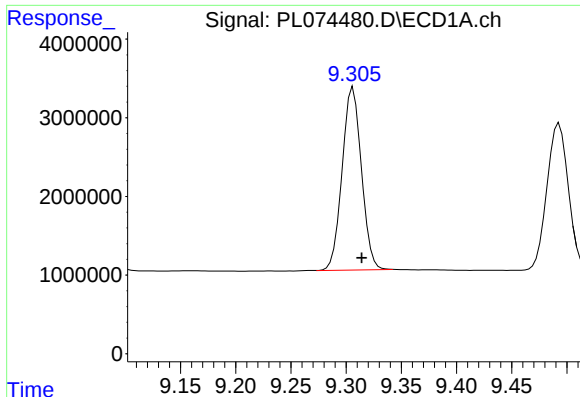
#20 Methoxychlor

R.T.: 9.080 min
Delta R.T.: -0.008 min
Response: 12590850
Conc: 50.71 ng/ml



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: -0.004 min
Response: 49588643
Conc: 51.56 ng/ml



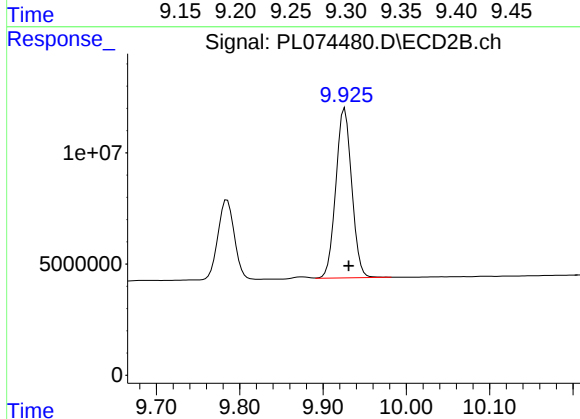
#21 Endrin ketone

R.T.: 9.305 min
Delta R.T.: -0.009 min
Response: 28265419
Conc: 57.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144534BS

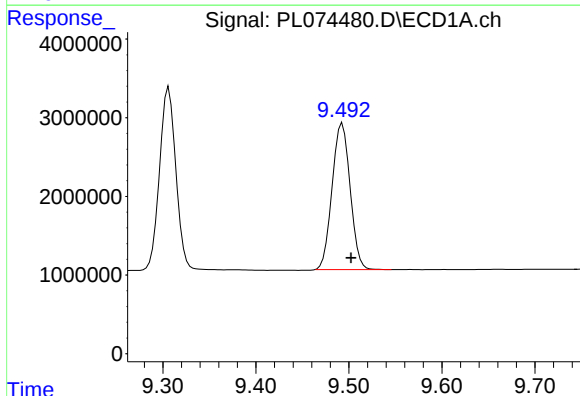
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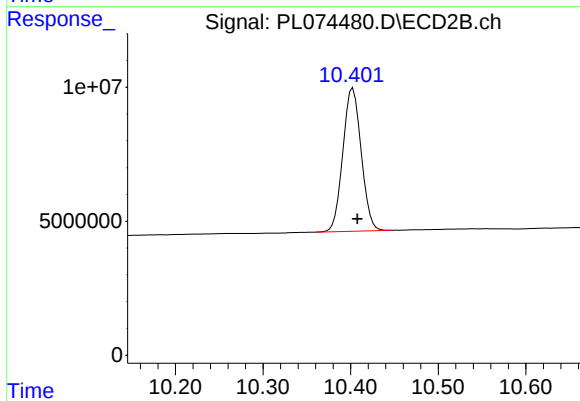
#21 Endrin ketone

R.T.: 9.926 min
Delta R.T.: -0.005 min
Response: 101462774
Conc: 58.62 ng/ml



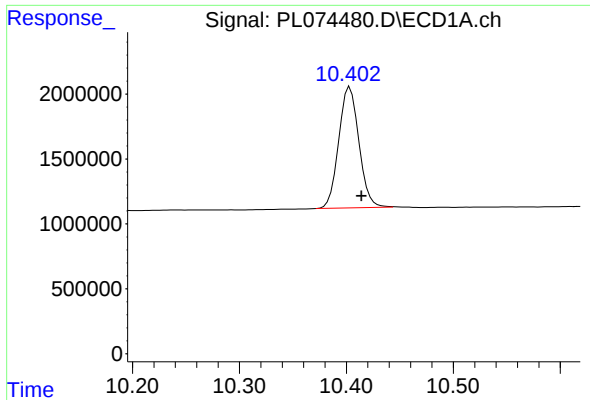
#22 Mirex

R.T.: 9.493 min
Delta R.T.: -0.010 min
Response: 25112635
Conc: 53.84 ng/ml



#22 Mirex

R.T.: 10.403 min
Delta R.T.: -0.005 min
Response: 77704647
Conc: 56.41 ng/ml



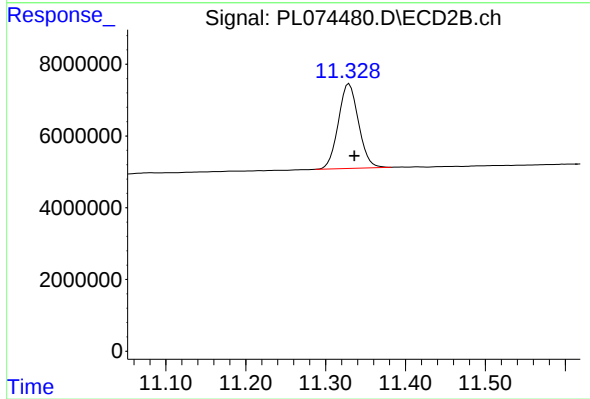
#28 Decachlorobiphenyl

R.T.: 10.402 min
Delta R.T.: -0.012 min
Response: 12262516
Conc: 23.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144534BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/04/2022
Supervised By :mohammad ahmed 05/04/2022



#28 Decachlorobiphenyl

R.T.: 11.329 min
Delta R.T.: -0.007 min
Response: 41301005
Conc: 23.38 ng/ml