

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050222\
 Data File : PL074472.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 May 2022 12:37
 Operator : AR\AJ
 Sample : N2606-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-3MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/03/2022
 Supervised By : mohammad ahmed 05/03/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 03 01:00:30 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	6502072	34665793	20.123	19.443
28)	SA Decachlor...	10.402	11.332	7021369	25208524	13.502	14.272
Target Compounds							
2)	A alpha-BHC	5.341	6.052	26453085	150.9E6	63.034	59.914
3)	MA gamma-BHC...	5.764	6.441	26236715	139.6E6	62.558	58.991
4)	MA Heptachlor	6.174	7.100	25300552	146.0E6	56.166	55.974
5)	MB Aldrin	6.499	7.468	26214346	141.8E6	63.160	60.360
6)	B beta-BHC	6.143	6.679	11215363	61004092	54.889m	54.129
7)	B delta-BHC	6.406	6.946	24781483	138.7E6	59.906	56.796
8)	B Heptachlo...	7.076	7.925	26468220	128.4E6	61.707	57.046
9)	A Endosulfan I	7.479	8.325	25089216	117.3E6	61.175	59.599
10)	B gamma-Chl...	7.353	8.193	27008605	133.9E6	61.581	60.026
11)	B alpha-Chl...	7.423	8.276	27063664	128.9E6	61.261	59.892
12)	B 4,4'-DDE	7.636	8.461	22029722	120.2E6	60.386	60.342
13)	MA Dieldrin	7.763	8.610	27033230	129.0E6	62.931m	64.315
14)	MA Endrin	8.056	8.845	25360960	106.5E6	62.429	62.882
15)	B Endosulfa...	8.366	9.069	26035104	104.1E6	63.167	59.912
16)	A 4,4'-DDD	8.222	8.988	19526549	98576689	60.468	64.069
17)	MA 4,4'-DDT	8.483	9.306	21835738	99845069	59.073	56.325
18)	B Endrin al...	8.555	9.201	21563672	88060046	66.646	68.178
19)	B Endosulfa...	8.786	9.439	25207522	97137244	59.031	58.364
20)	A Methoxychlor	9.077	9.786	13900403	56951022	55.989	59.210
21)	B Endrin ke...	9.304	9.927	30012769	108.0E6	61.432m	62.406
22)	Mirex	9.490	10.404	24776471	75670633	53.122m	54.937

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050222\
 Data File : PL074472.D
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 Acq On : 02 May 2022 12:37
 Operator : AR\AJ
 Sample : N2606-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

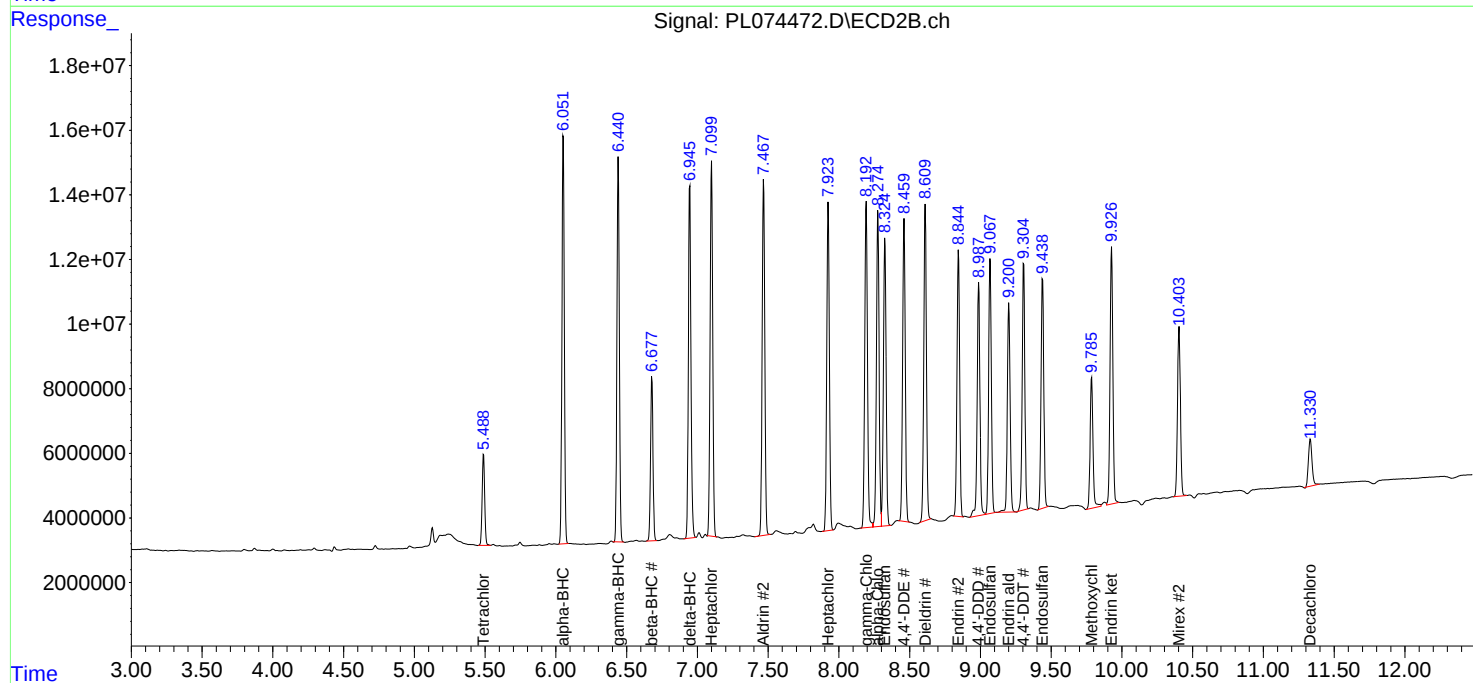
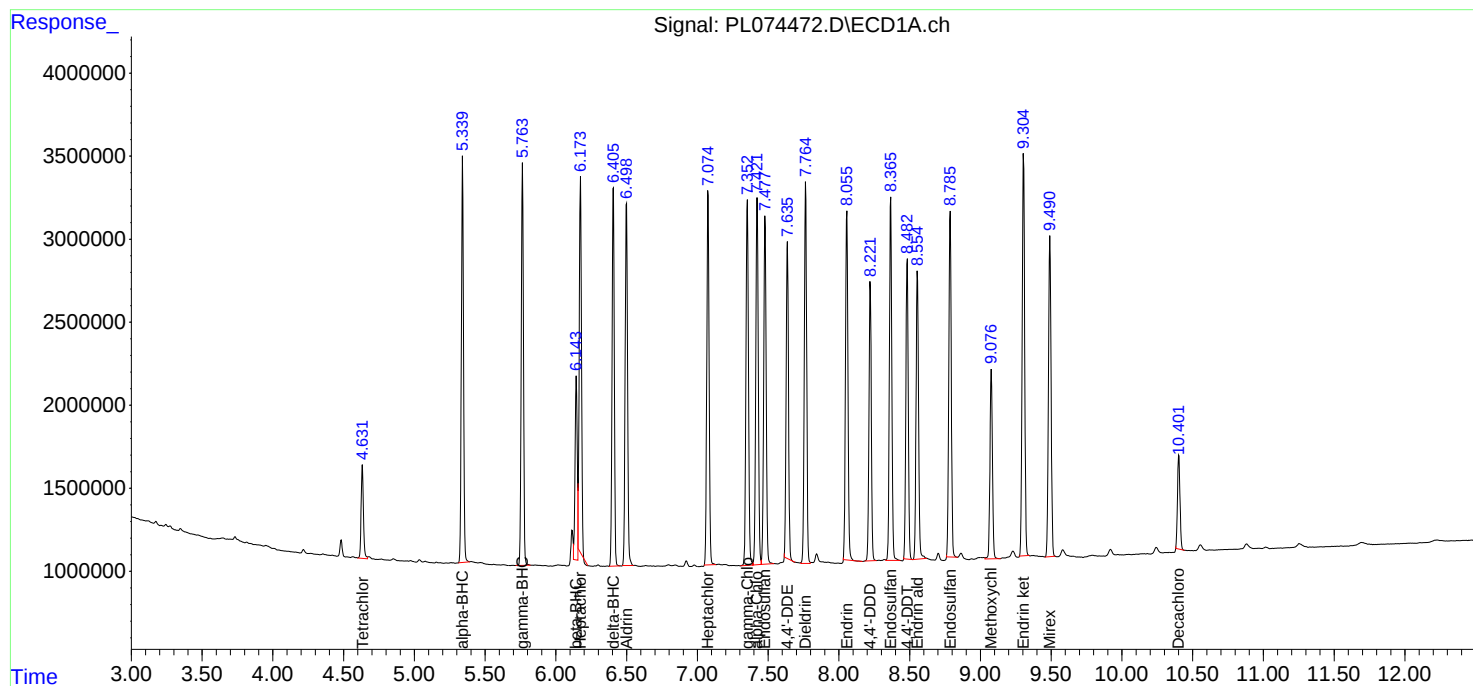
Instrument :
 ECD_L
 ClientSampleId :
 WC-3MSD

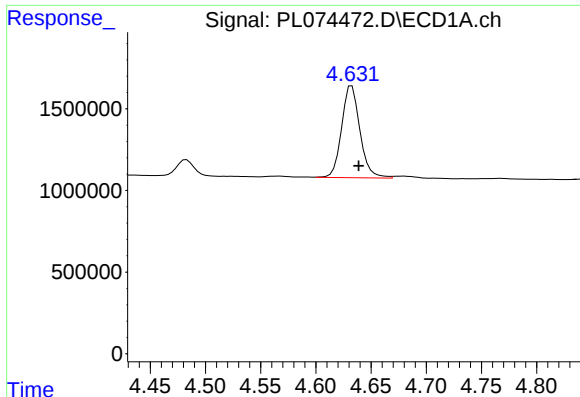
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 05/03/2022
 Supervised By :mohammad ahmed 05/03/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 03 01:00:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 2022
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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





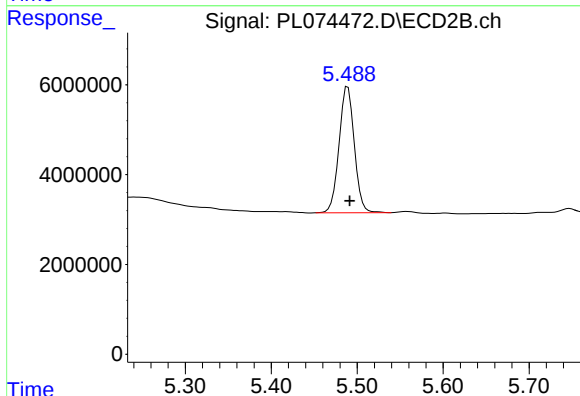
#1 Tetrachloro-m-xylene

R.T.: 4.633 min
Delta R.T.: -0.006 min
Response: 6502072
Conc: 20.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-3MSD

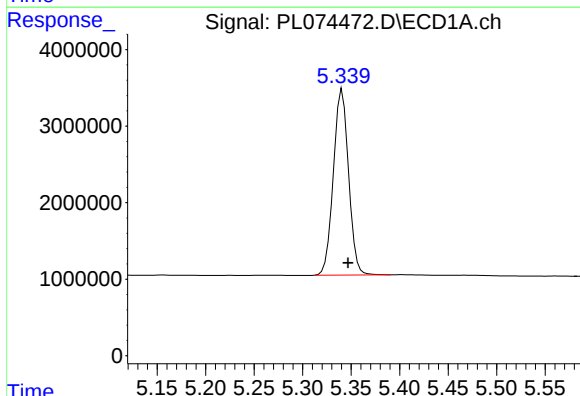
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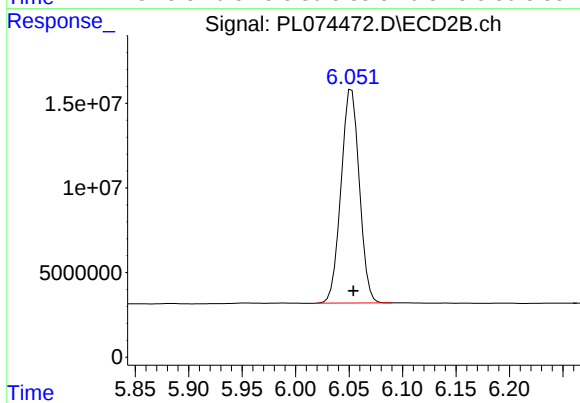
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 34665793
Conc: 19.44 ng/ml



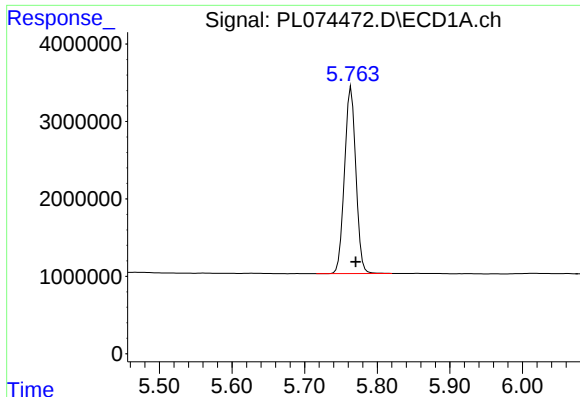
#2 alpha-BHC

R.T.: 5.341 min
Delta R.T.: -0.006 min
Response: 26453085
Conc: 63.03 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.001 min
Response: 150868525
Conc: 59.91 ng/ml



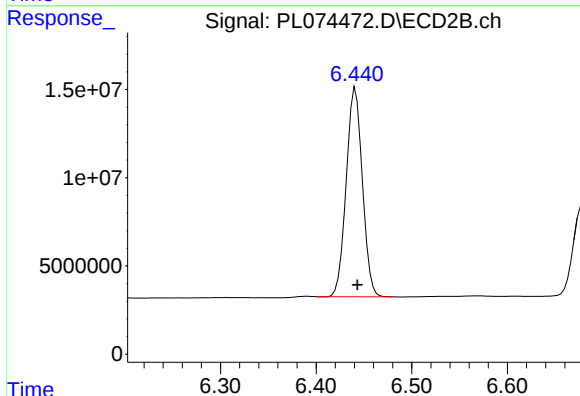
#3 gamma-BHC (Lindane)

R.T.: 5.764 min
Delta R.T.: -0.006 min
Response: 26236715
Conc: 62.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-3MSD

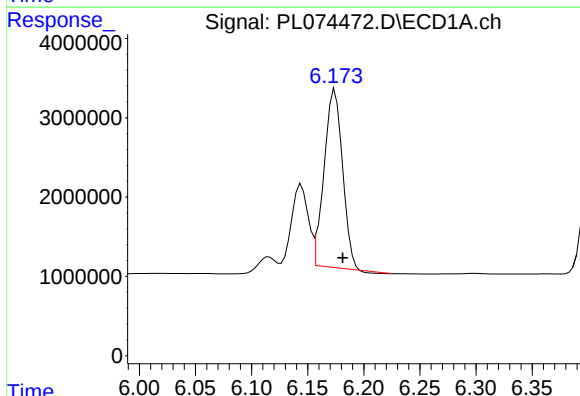
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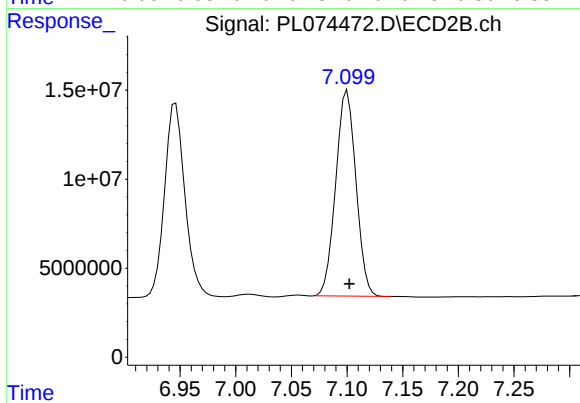
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 139638227
Conc: 58.99 ng/ml



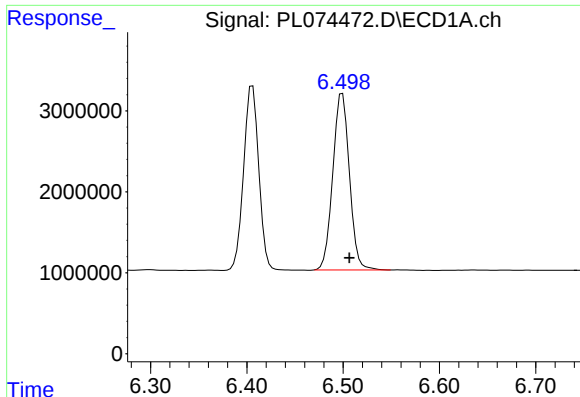
#4 Heptachlor

R.T.: 6.174 min
Delta R.T.: -0.007 min
Response: 25300552
Conc: 56.17 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 146003122
Conc: 55.97 ng/ml



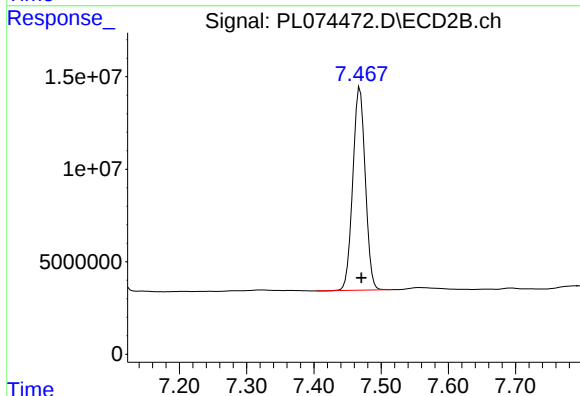
#5 Aldrin

R.T.: 6.499 min
Delta R.T.: -0.007 min
Response: 26214346
Conc: 63.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-3MSD

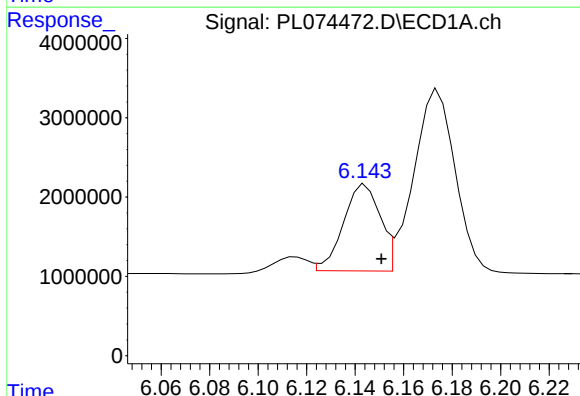
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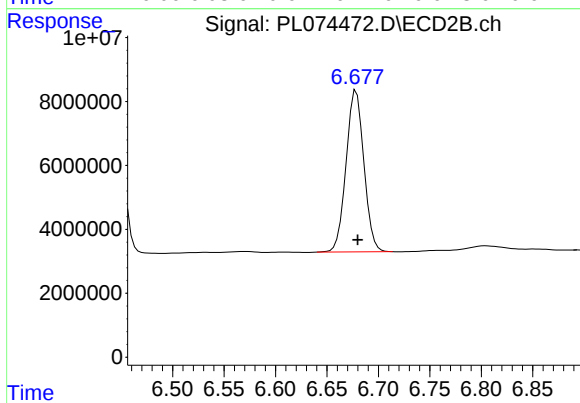
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.002 min
Response: 141760507
Conc: 60.36 ng/ml



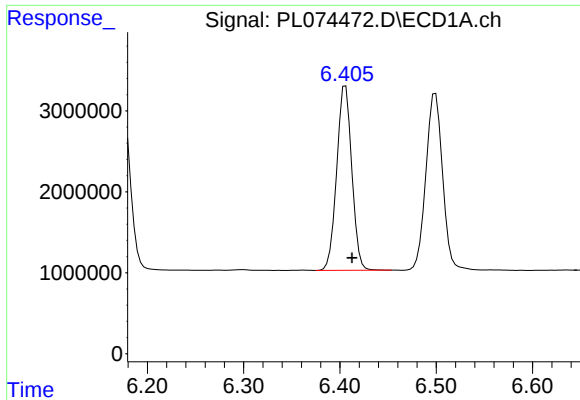
#6 beta-BHC

R.T.: 6.143 min
Delta R.T.: -0.008 min
Response: 11215363
Conc: 54.89 ng/ml m



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: -0.001 min
Response: 61004092
Conc: 54.13 ng/ml



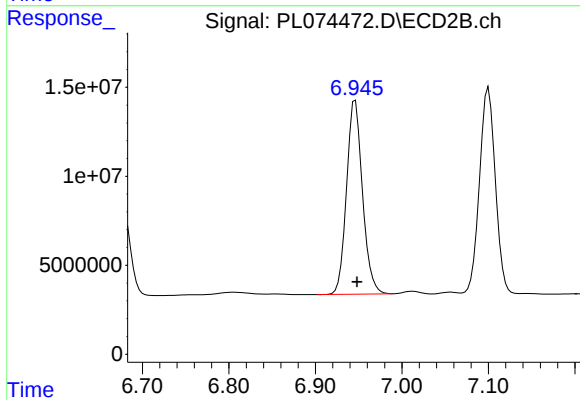
#7 delta-BHC

R.T.: 6.406 min
Delta R.T.: -0.007 min
Response: 24781483
Conc: 59.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-3MSD

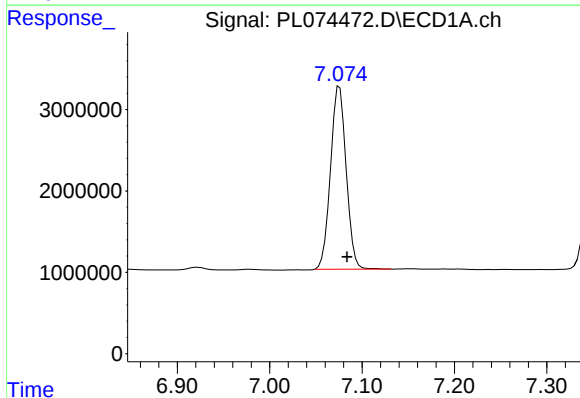
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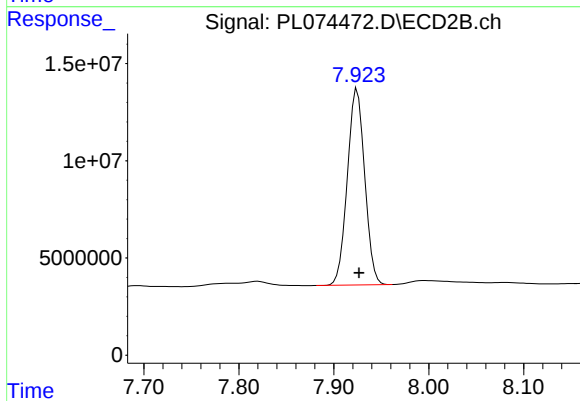
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 138712126
Conc: 56.80 ng/ml



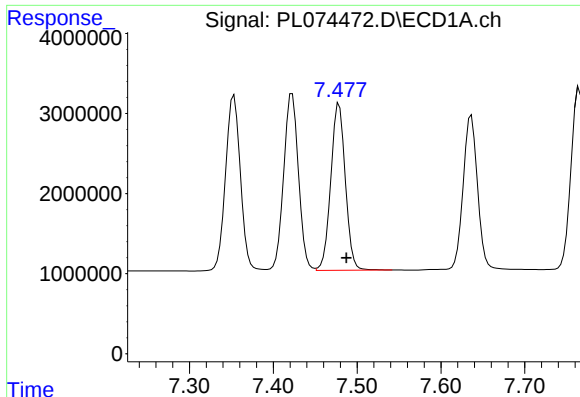
#8 Heptachlor epoxide

R.T.: 7.076 min
Delta R.T.: -0.008 min
Response: 26468220
Conc: 61.71 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.002 min
Response: 128443035
Conc: 57.05 ng/ml



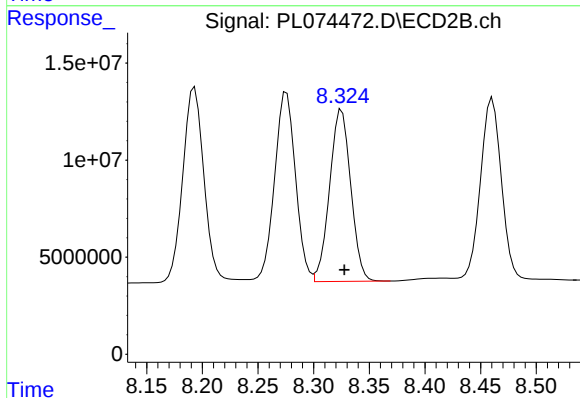
#9 Endosulfan I

R.T.: 7.479 min
Delta R.T.: -0.009 min
Response: 25089216
Conc: 61.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-3MSD

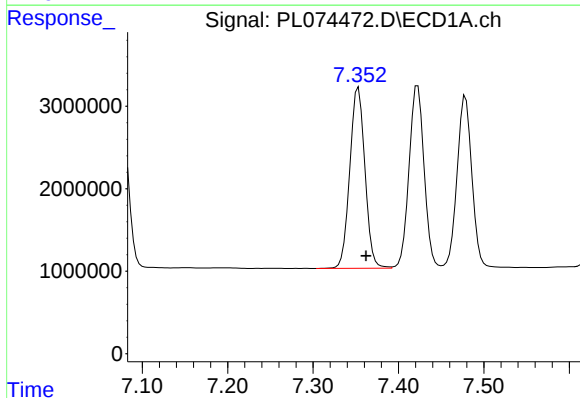
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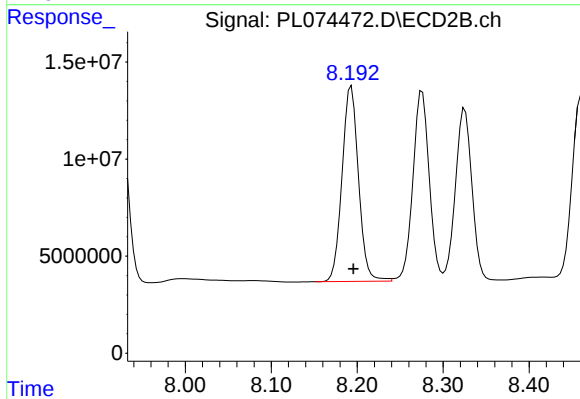
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.002 min
Response: 117330000
Conc: 59.60 ng/ml



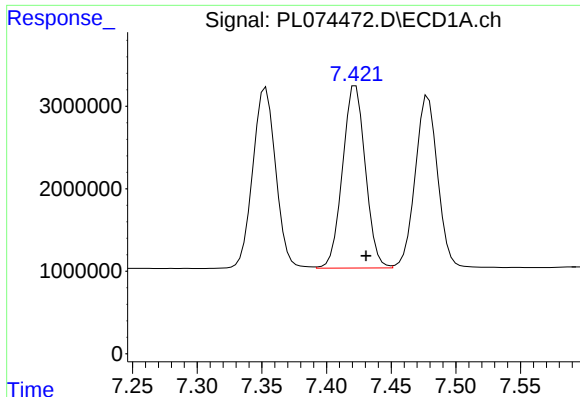
#10 gamma-Chlordane

R.T.: 7.353 min
Delta R.T.: -0.009 min
Response: 27008605
Conc: 61.58 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.002 min
Response: 133879052
Conc: 60.03 ng/ml



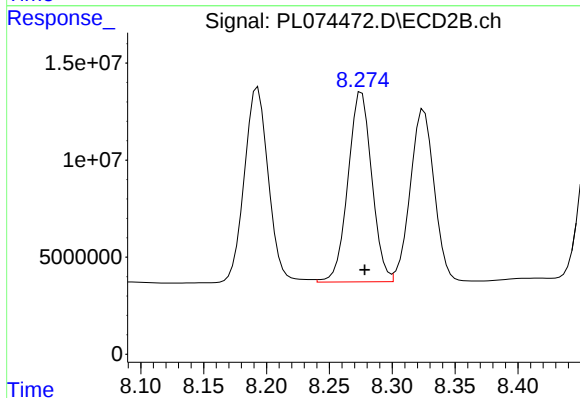
#11 alpha-Chlordane

R.T.: 7.423 min
Delta R.T.: -0.008 min
Response: 27063664
Conc: 61.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-3MSD

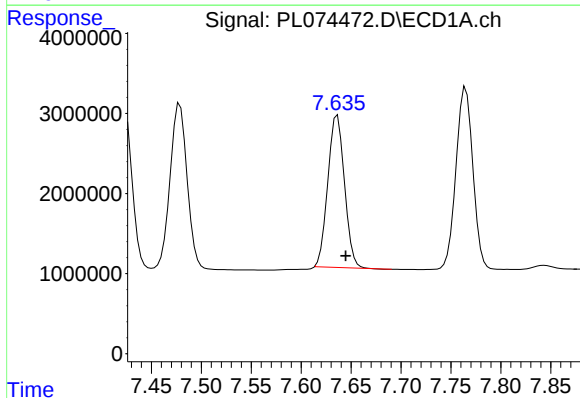
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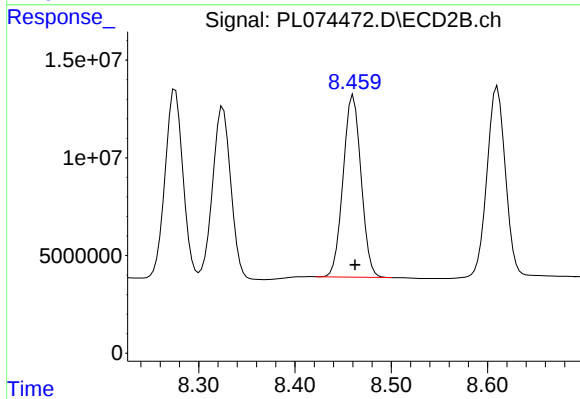
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 128921655
Conc: 59.89 ng/ml



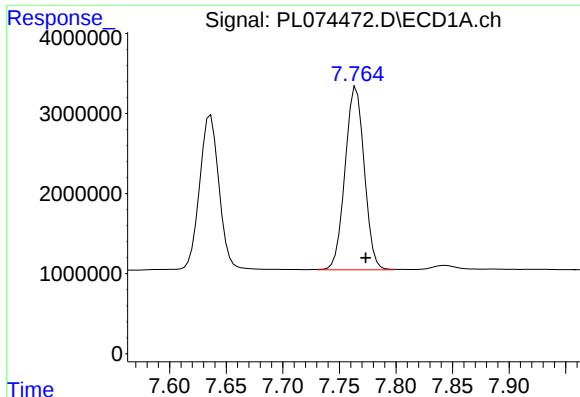
#12 4,4'-DDE

R.T.: 7.636 min
Delta R.T.: -0.008 min
Response: 22029722
Conc: 60.39 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: -0.002 min
Response: 120182256
Conc: 60.34 ng/ml



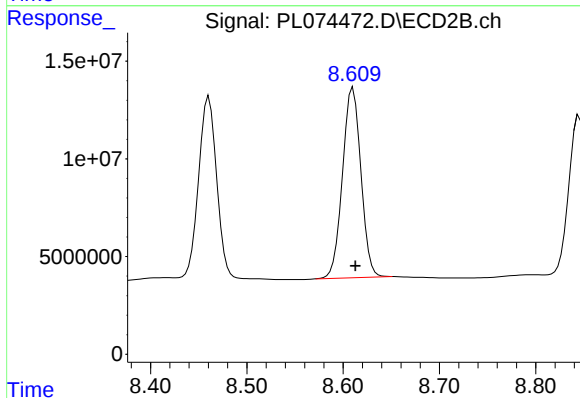
#13 Dieldrin

R.T.: 7.763 min
Delta R.T.: -0.010 min
Response: 27033230
Conc: 62.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-3MSD

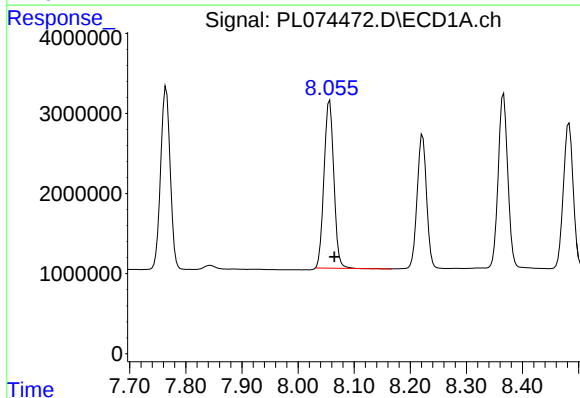
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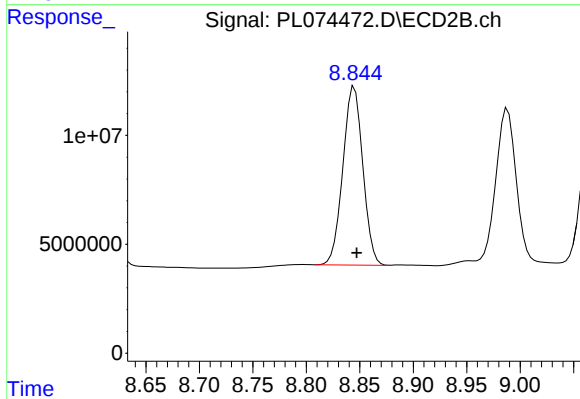
#13 Dieldrin

R.T.: 8.610 min
Delta R.T.: -0.002 min
Response: 128969996
Conc: 64.32 ng/ml



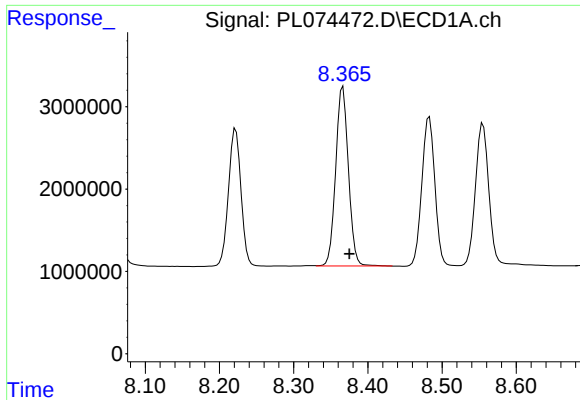
#14 Endrin

R.T.: 8.056 min
Delta R.T.: -0.009 min
Response: 25360960
Conc: 62.43 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.002 min
Response: 106500760
Conc: 62.88 ng/ml



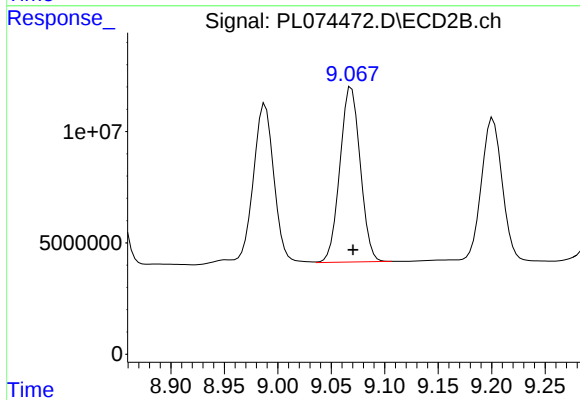
#15 Endosulfan II

R.T.: 8.366 min
Delta R.T.: -0.009 min
Response: 26035104
Conc: 63.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-3MSD

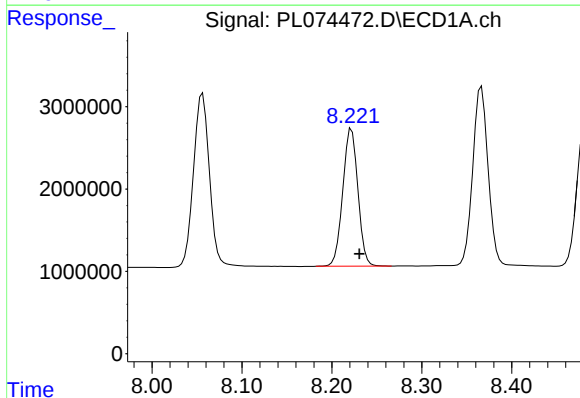
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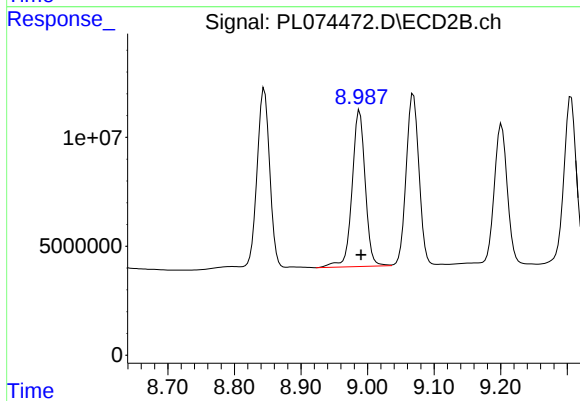
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: -0.002 min
Response: 104081785
Conc: 59.91 ng/ml



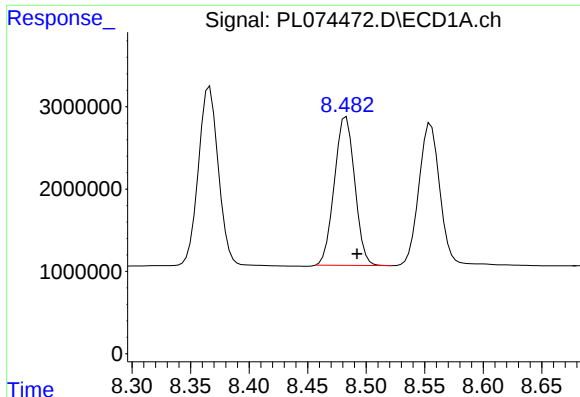
#16 4,4'-DDD

R.T.: 8.222 min
Delta R.T.: -0.009 min
Response: 19526549
Conc: 60.47 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: -0.002 min
Response: 98576689
Conc: 64.07 ng/ml



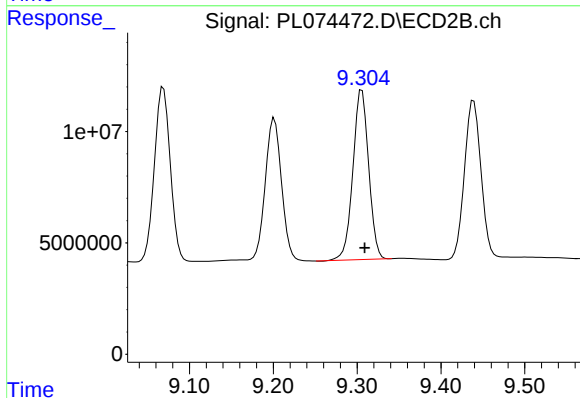
#17 4,4'-DDT

R.T.: 8.483 min
Delta R.T.: -0.009 min
Response: 21835738
Conc: 59.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-3MSD

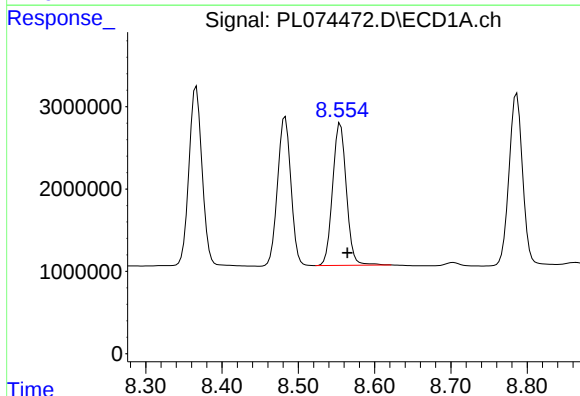
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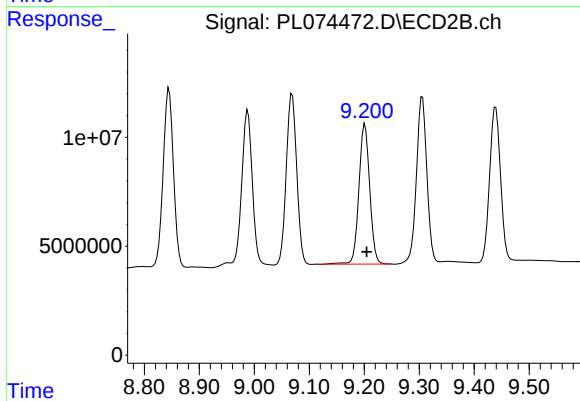
#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: -0.003 min
Response: 99845069
Conc: 56.32 ng/ml



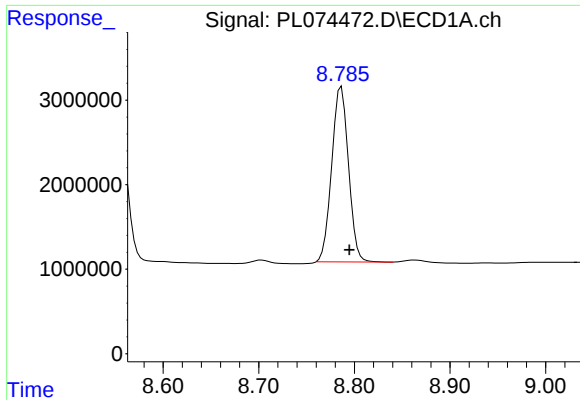
#18 Endrin aldehyde

R.T.: 8.555 min
Delta R.T.: -0.009 min
Response: 21563672
Conc: 66.65 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.003 min
Response: 88060046
Conc: 68.18 ng/ml



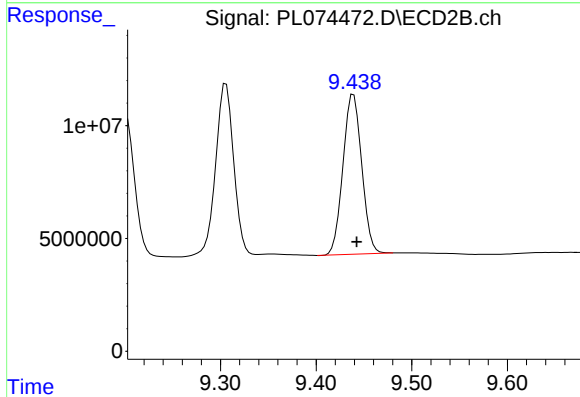
#19 Endosulfan Sulfate

R.T.: 8.786 min
Delta R.T.: -0.009 min
Response: 25207522
Conc: 59.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-3MSD

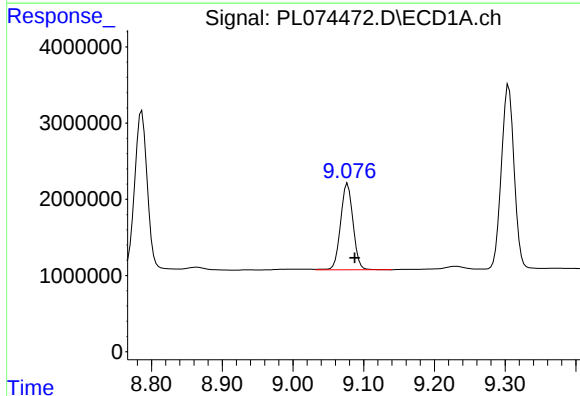
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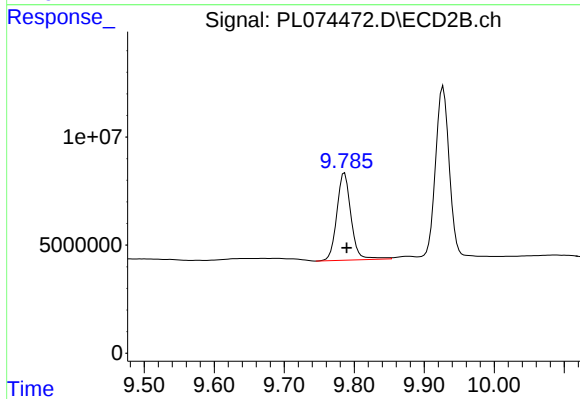
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: -0.003 min
Response: 97137244
Conc: 58.36 ng/ml



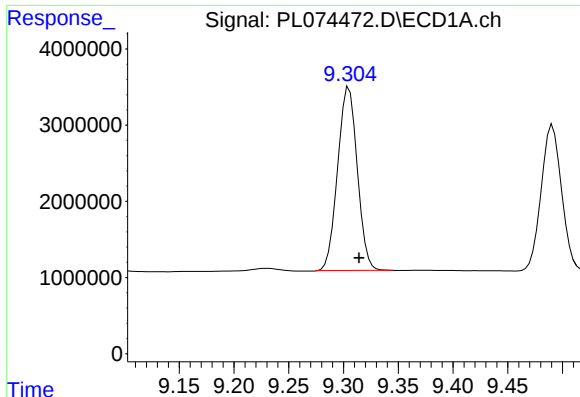
#20 Methoxychlor

R.T.: 9.077 min
Delta R.T.: -0.010 min
Response: 13900403
Conc: 55.99 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: -0.003 min
Response: 56951022
Conc: 59.21 ng/ml



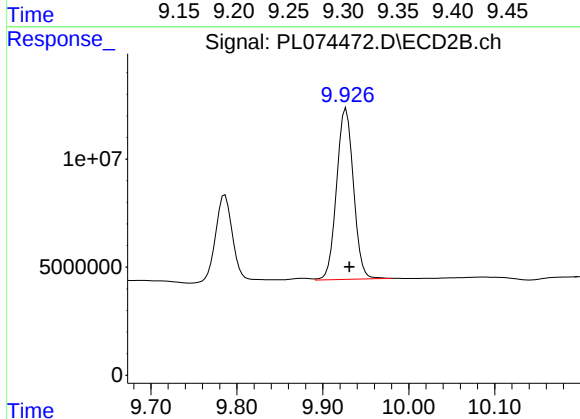
#21 Endrin ketone

R.T.: 9.304 min
Delta R.T.: -0.011 min
Response: 30012769
Conc: 61.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-3MSD

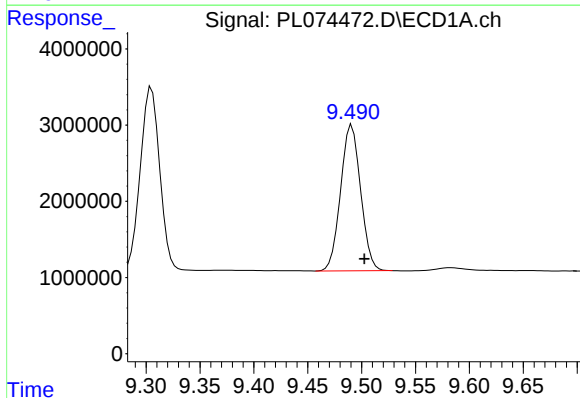
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/03/2022
Supervised By :mohammad ahmed 05/03/2022



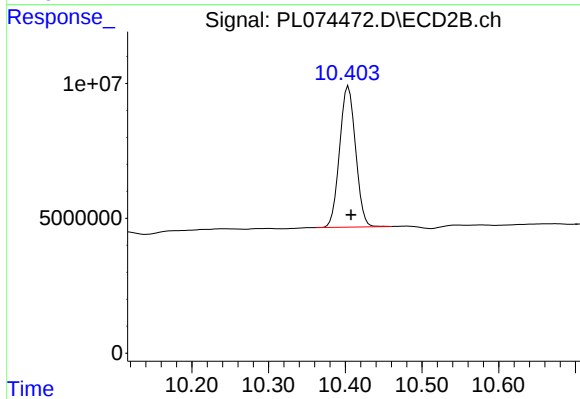
#21 Endrin ketone

R.T.: 9.927 min
Delta R.T.: -0.004 min
Response: 108020981
Conc: 62.41 ng/ml



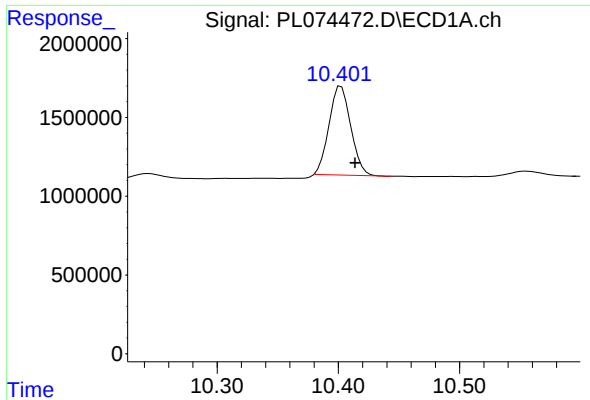
#22 Mirex

R.T.: 9.490 min
Delta R.T.: -0.013 min
Response: 24776471
Conc: 53.12 ng/ml m



#22 Mirex

R.T.: 10.404 min
Delta R.T.: -0.004 min
Response: 75670633
Conc: 54.94 ng/ml



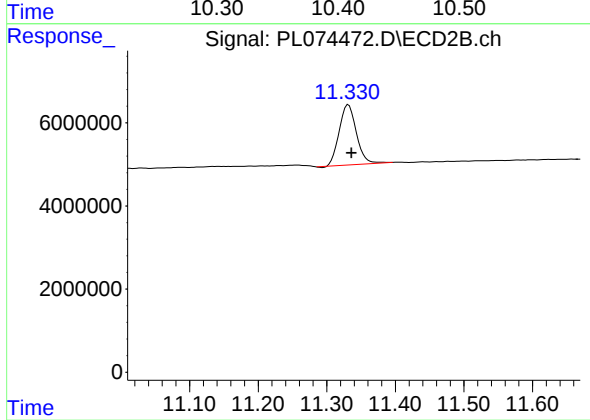
#28 Decachlorobiphenyl

R.T.: 10.402 min
Delta R.T.: -0.012 min
Response: 7021369
Conc: 13.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-3MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/03/2022
Supervised By :mohammad ahmed 05/03/2022



#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: -0.005 min
Response: 25208524
Conc: 14.27 ng/ml