

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050222\
 Data File : PL074471.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 May 2022 12:21
 Operator : AR\AJ
 Sample : N2606-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-3MS

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 01:00:14 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	6500539	35364179	20.119	19.834
28)	SA Decachlor...	10.401	11.331	7649233	25400143	14.709m	14.380
Target Compounds							
2)	A alpha-BHC	5.341	6.052	26659189	153.6E6	63.525	61.004
3)	MA gamma-BHC...	5.764	6.442	26362336	142.2E6	62.858	60.076
4)	MA Heptachlor	6.174	7.101	26099412	149.3E6	57.940	57.251
5)	MB Aldrin	6.499	7.469	26244291	144.3E6	63.232	61.429
6)	B beta-BHC	6.143	6.679	11011253	61564203	53.890m	54.626
7)	B delta-BHC	6.406	6.946	24913296	137.2E6	60.225	56.197
8)	B Heptachlo...	7.075	7.925	26477597	131.2E6	61.728	58.286
9)	A Endosulfan I	7.479	8.326	25173032	119.2E6	61.379	60.528
10)	B gamma-Chl...	7.353	8.193	26811295	132.1E6	61.131	59.235
11)	B alpha-Chl...	7.423	8.276	27161001	129.0E6	61.482	59.908
12)	B 4,4'-DDE	7.637	8.461	22299788	122.7E6	61.126	61.607
13)	MA Dieldrin	7.763	8.610	26864393	128.2E6	62.538m	63.932
14)	MA Endrin	8.056	8.845	25493093	109.3E6	62.755	64.512
15)	B Endosulfa...	8.367	9.070	25983466	106.7E6	63.042	61.441
16)	A 4,4'-DDD	8.222	8.988	19703237	94586276	61.015	61.476
17)	MA 4,4'-DDT	8.483	9.306	22049402	103.2E6	59.651	58.232
18)	B Endrin al...	8.555	9.202	21376030	86168348	66.066	66.713
19)	B Endosulfa...	8.786	9.439	25301106	99993640	59.250	60.081
20)	A Methoxychlor	9.078	9.786	13754750	53340475	55.403	55.456
21)	B Endrin ke...	9.304	9.928	30444196	107.9E6	62.315m	62.320
22)	Mirex	9.492	10.404	24630171	76438402	52.809	55.494

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050222\
 Data File : PL074471.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 May 2022 12:21
 Operator : AR\AJ
 Sample : N2606-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

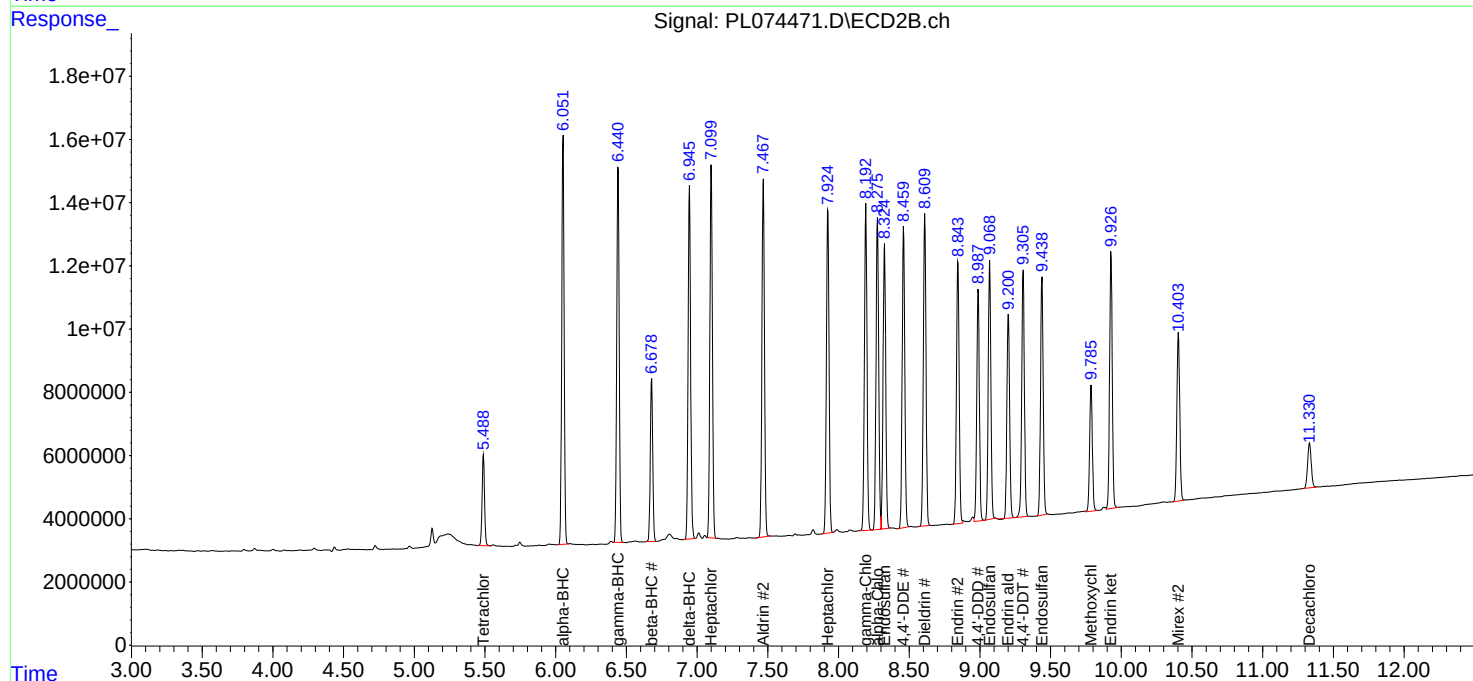
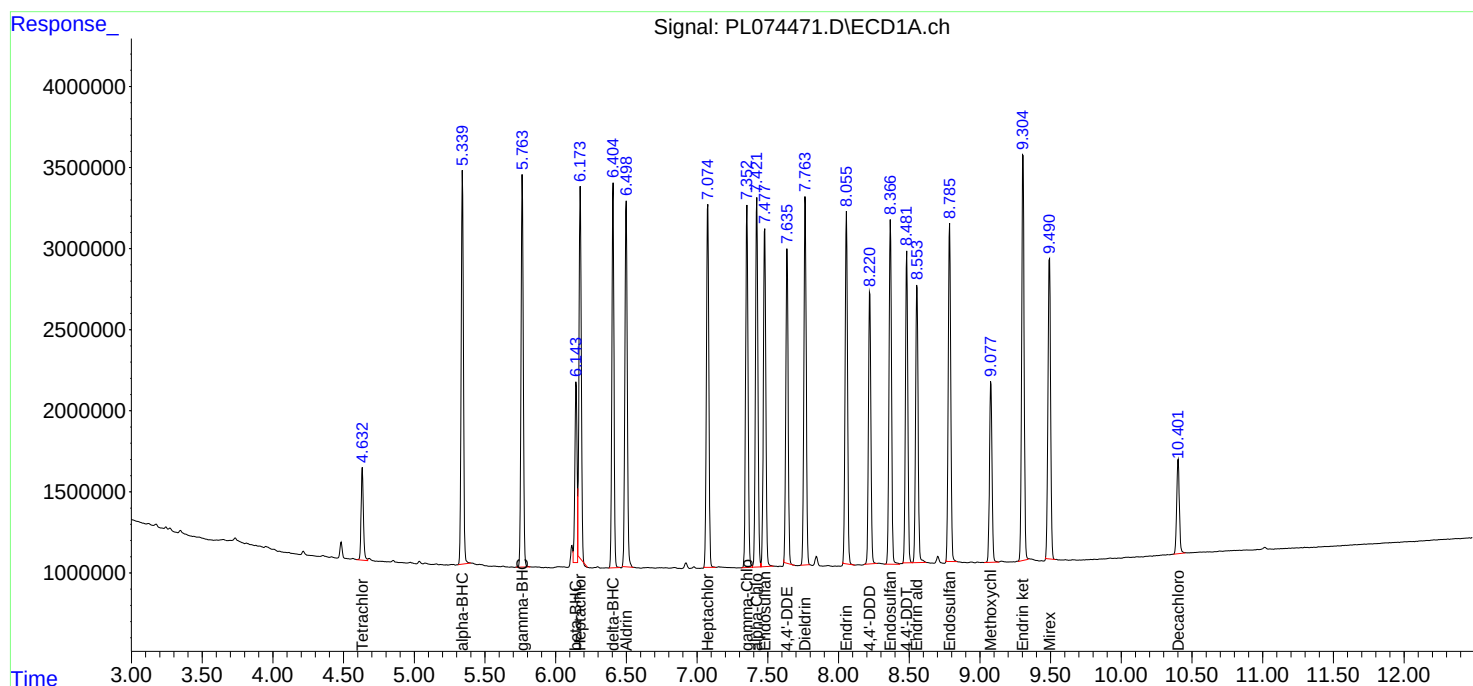
Instrument :
 ECD_L
 ClientSampleId :
 WC-3MS

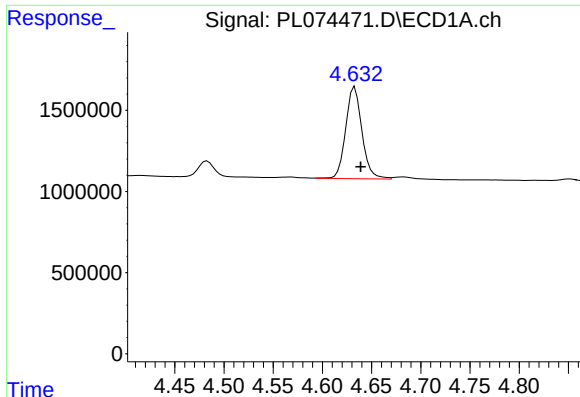
Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 05/03/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 03 01:00:14 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





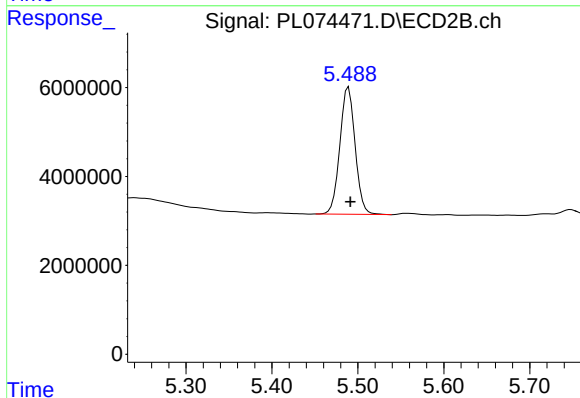
#1 Tetrachloro-m-xylene

R.T.: 4.633 min
Delta R.T.: -0.006 min
Response: 6500539
Conc: 20.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-3MS

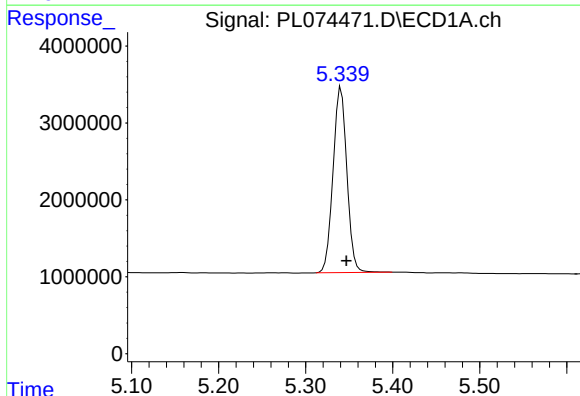
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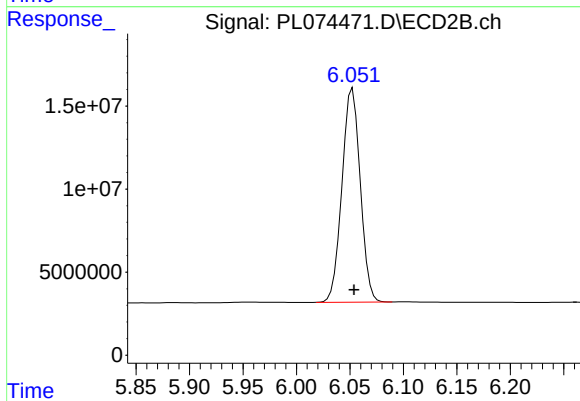
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 35364179
Conc: 19.83 ng/ml



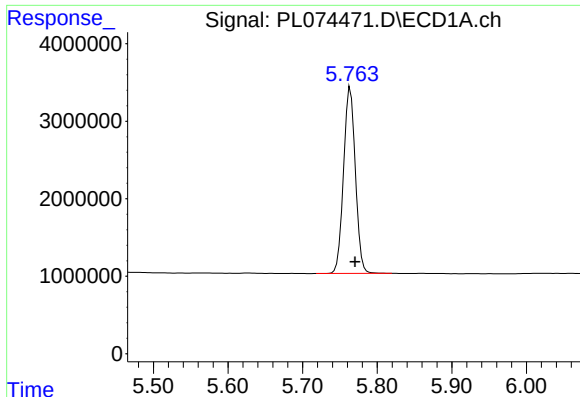
#2 alpha-BHC

R.T.: 5.341 min
Delta R.T.: -0.006 min
Response: 26659189
Conc: 63.53 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.001 min
Response: 153614818
Conc: 61.00 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 5.764 min
Delta R.T.: -0.006 min
Response: 26362336
Conc: 62.86 ng/ml

Instrument :

ECD_L

ClientSampleId :

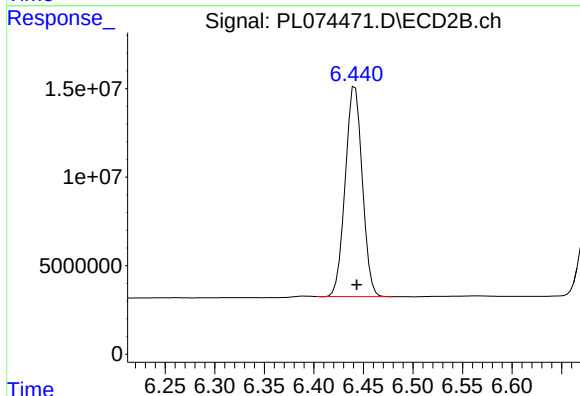
WC-3MS

Manual Integrations

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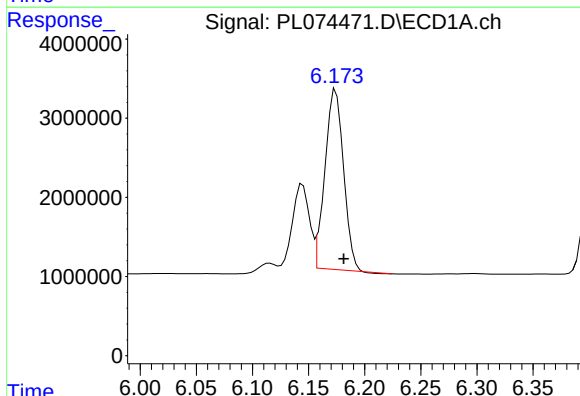
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Supervised By :mohammad ahmed 05/03/2022



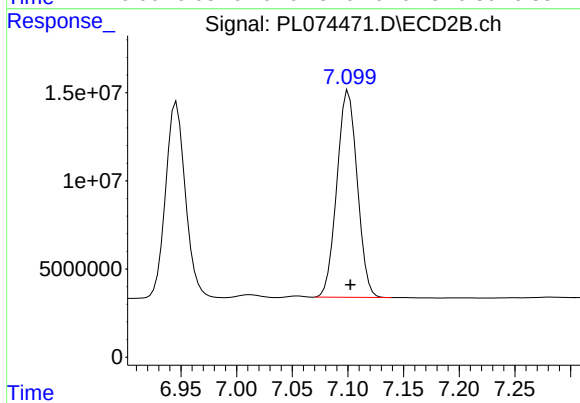
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: -0.002 min
Response: 142207665
Conc: 60.08 ng/ml



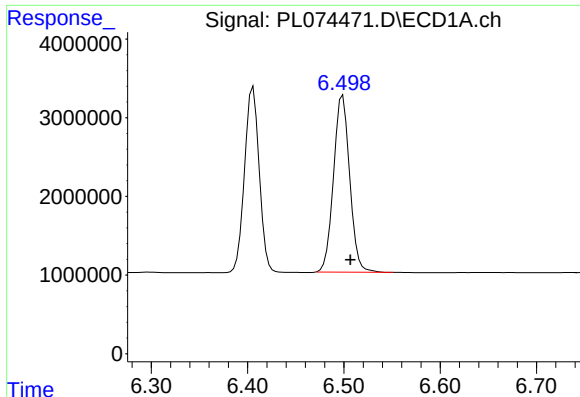
#4 Heptachlor

R.T.: 6.174 min
Delta R.T.: -0.007 min
Response: 26099412
Conc: 57.94 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: -0.002 min
Response: 149333593
Conc: 57.25 ng/ml



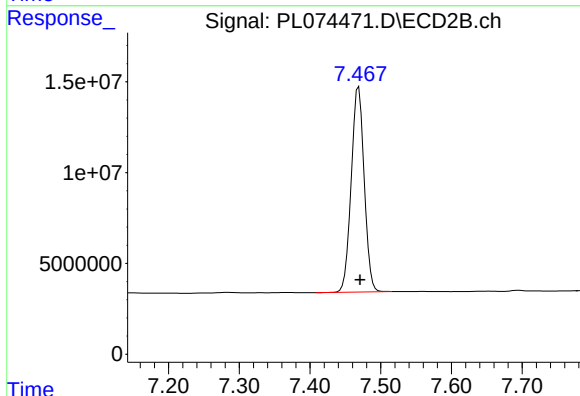
#5 Aldrin

R.T.: 6.499 min
Delta R.T.: -0.008 min
Response: 26244291
Conc: 63.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-3MS

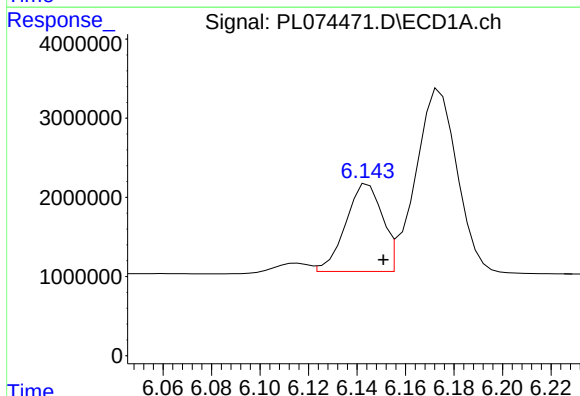
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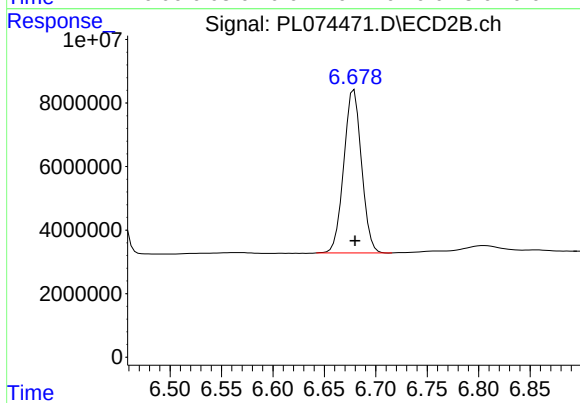
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: -0.002 min
Response: 144271966
Conc: 61.43 ng/ml



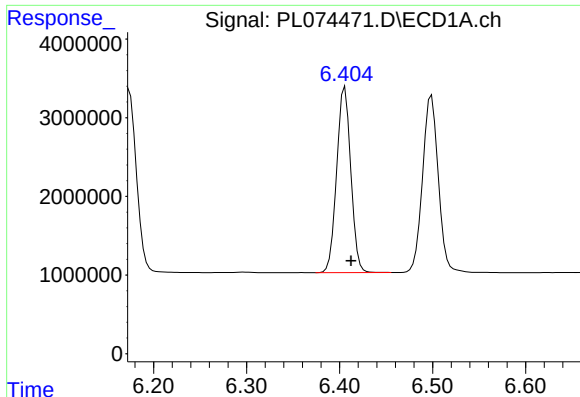
#6 beta-BHC

R.T.: 6.143 min
Delta R.T.: -0.008 min
Response: 11011253
Conc: 53.89 ng/ml m



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 61564203
Conc: 54.63 ng/ml



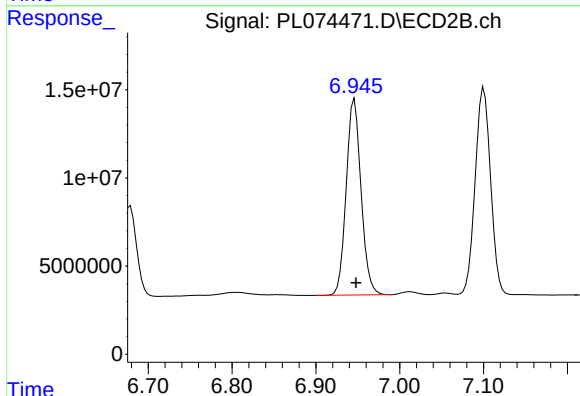
#7 delta-BHC

R.T.: 6.406 min
Delta R.T.: -0.007 min
Response: 24913296
Conc: 60.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-3MS

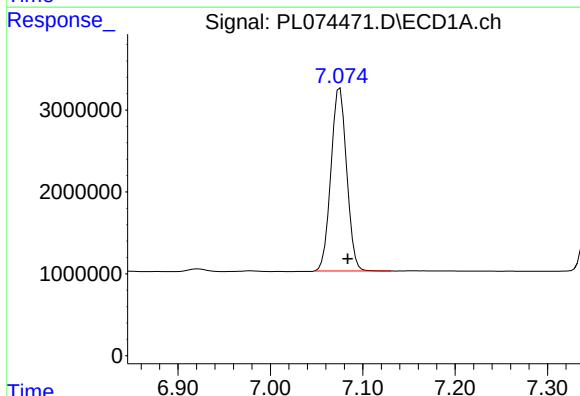
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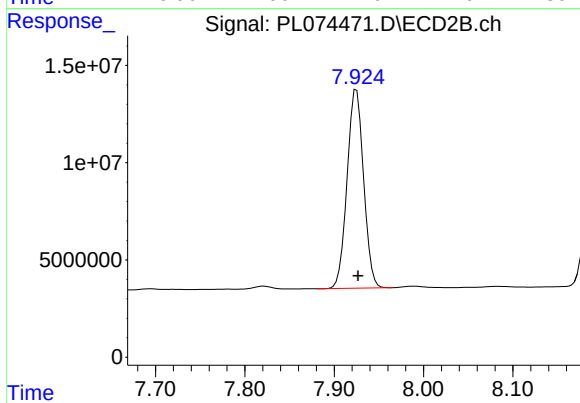
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 137247975
Conc: 56.20 ng/ml



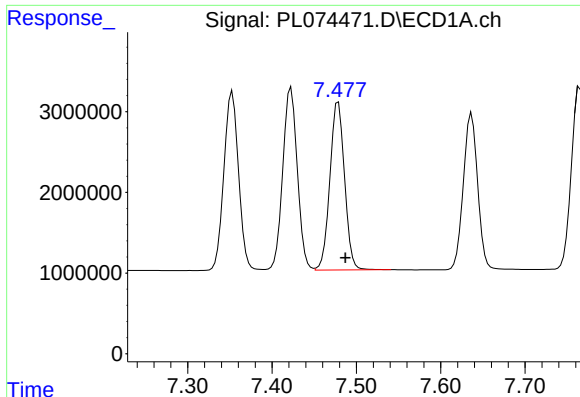
#8 Heptachlor epoxide

R.T.: 7.075 min
Delta R.T.: -0.008 min
Response: 26477597
Conc: 61.73 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.002 min
Response: 131234033
Conc: 58.29 ng/ml



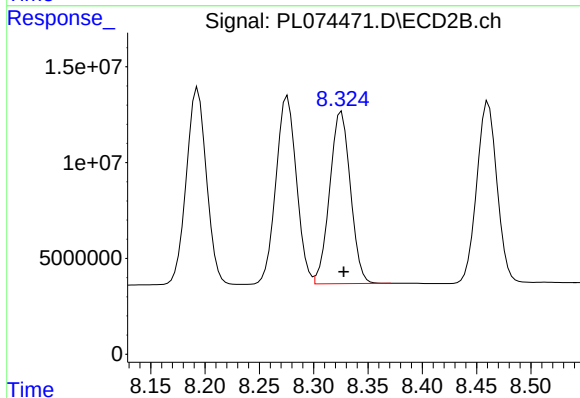
#9 Endosulfan I

R.T.: 7.479 min
Delta R.T.: -0.009 min
Response: 25173032
Conc: 61.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-3MS

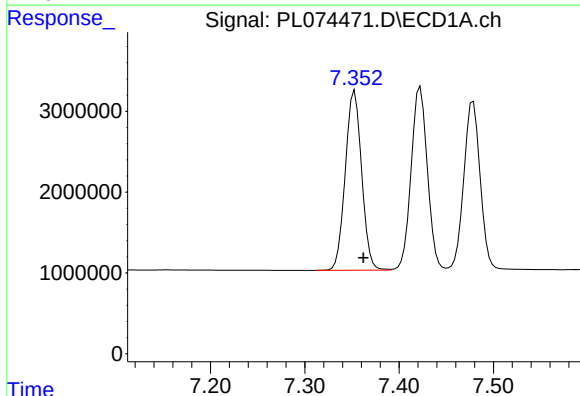
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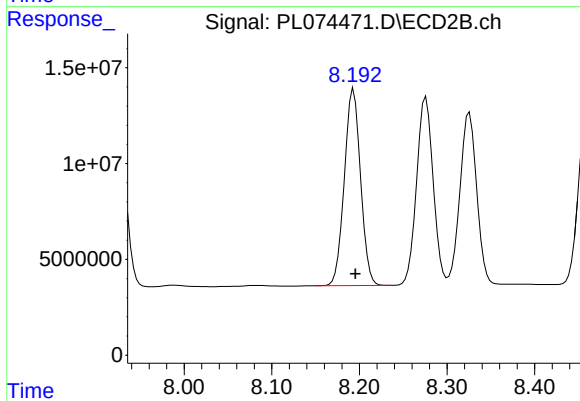
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: -0.002 min
Response: 119158800
Conc: 60.53 ng/ml



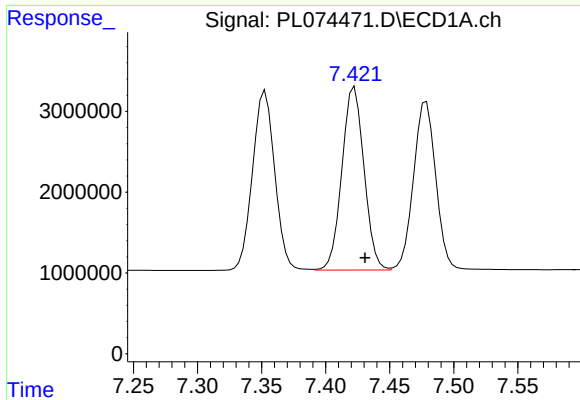
#10 gamma-Chlordane

R.T.: 7.353 min
Delta R.T.: -0.009 min
Response: 26811295
Conc: 61.13 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.002 min
Response: 132114201
Conc: 59.23 ng/ml



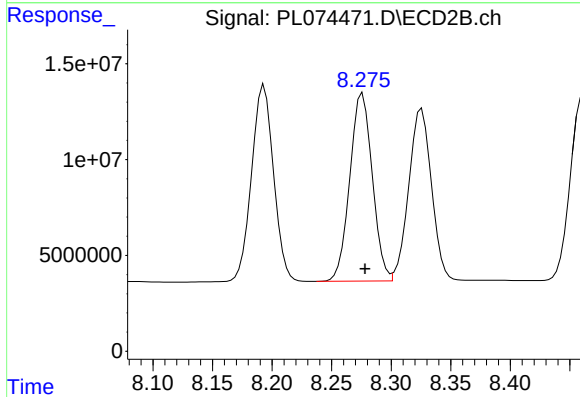
#11 alpha-Chlordane

R.T.: 7.423 min
Delta R.T.: -0.008 min
Response: 27161001
Conc: 61.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-3MS

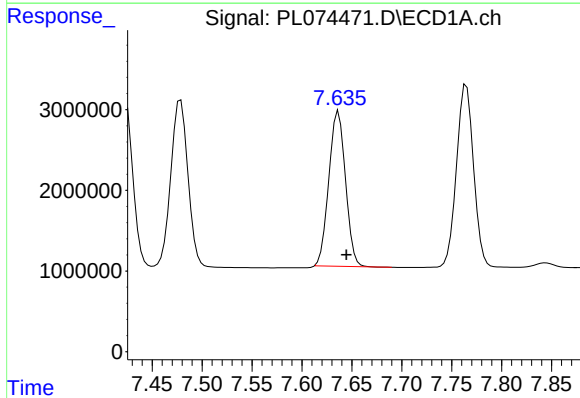
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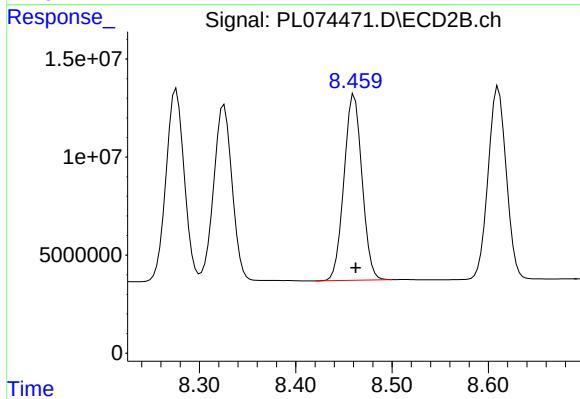
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 128956174
Conc: 59.91 ng/ml



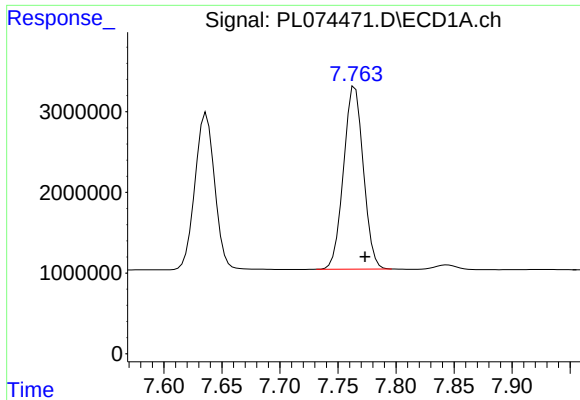
#12 4,4'-DDE

R.T.: 7.637 min
Delta R.T.: -0.008 min
Response: 22299788
Conc: 61.13 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: -0.002 min
Response: 122701931
Conc: 61.61 ng/ml



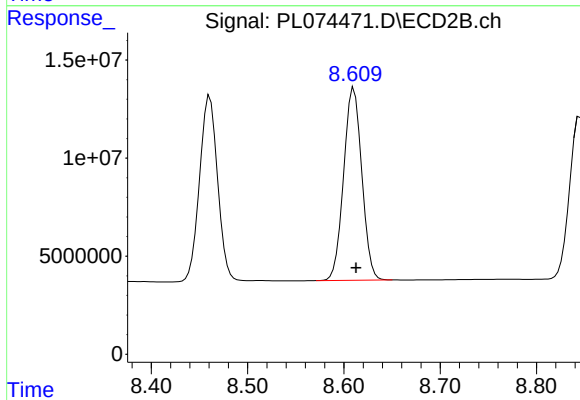
#13 Dieldrin

R.T.: 7.763 min
Delta R.T.: -0.010 min
Response: 26864393
Conc: 62.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-3MS

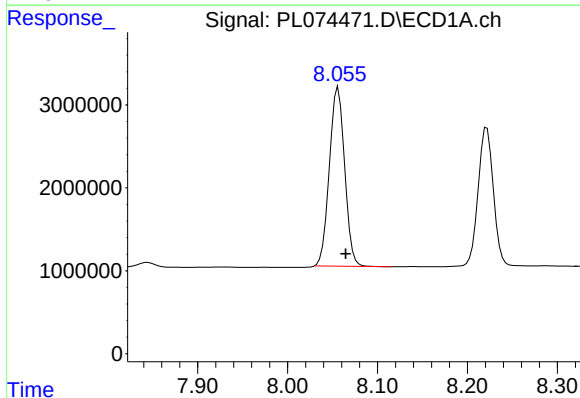
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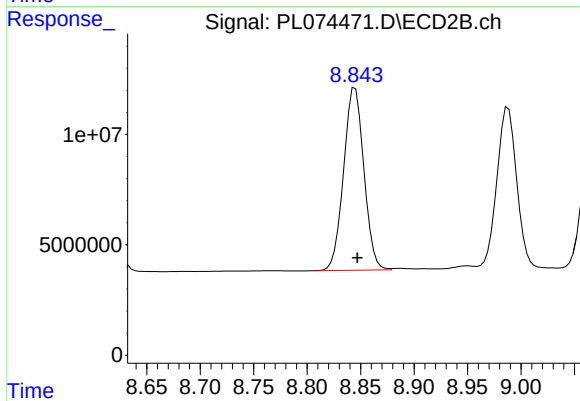
#13 Dieldrin

R.T.: 8.610 min
Delta R.T.: -0.002 min
Response: 128202005
Conc: 63.93 ng/ml



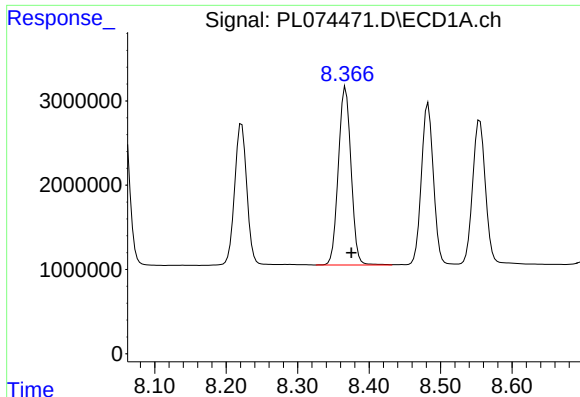
#14 Endrin

R.T.: 8.056 min
Delta R.T.: -0.009 min
Response: 25493093
Conc: 62.75 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.002 min
Response: 109262129
Conc: 64.51 ng/ml



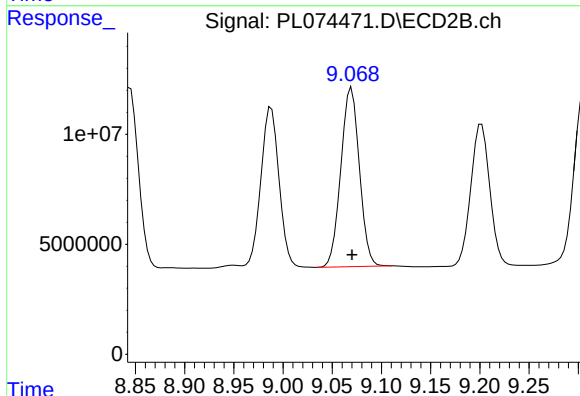
#15 Endosulfan II

R.T.: 8.367 min
Delta R.T.: -0.008 min
Response: 25983466
Conc: 63.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-3MS

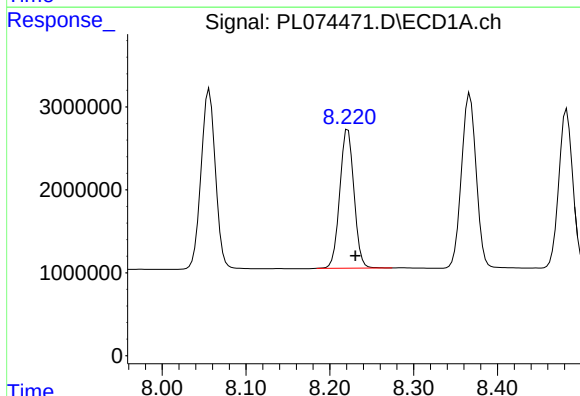
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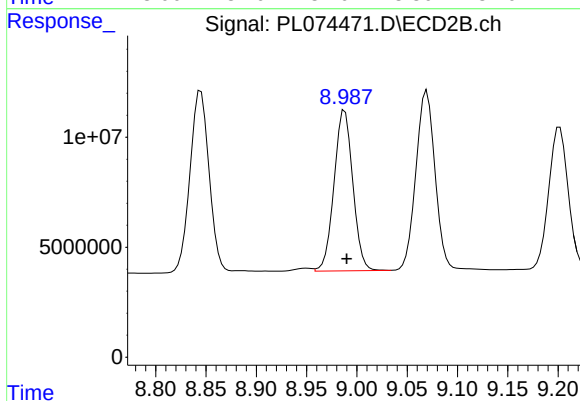
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 106736865
Conc: 61.44 ng/ml



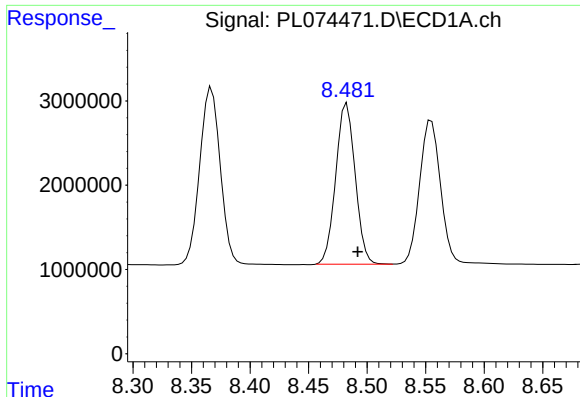
#16 4,4'-DDD

R.T.: 8.222 min
Delta R.T.: -0.009 min
Response: 19703237
Conc: 61.01 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: -0.002 min
Response: 94586276
Conc: 61.48 ng/ml



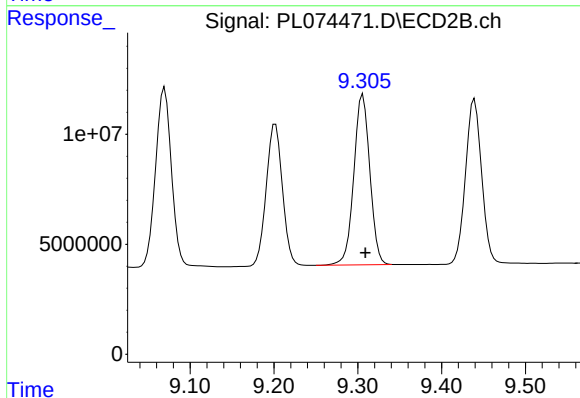
#17 4,4'-DDT

R.T.: 8.483 min
Delta R.T.: -0.009 min
Response: 22049402
Conc: 59.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-3MS

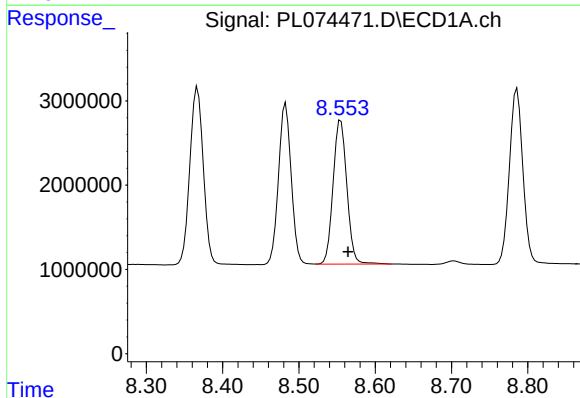
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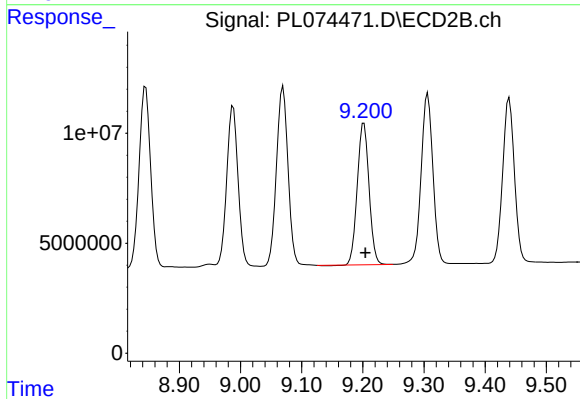
#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: -0.003 min
Response: 103225691
Conc: 58.23 ng/ml



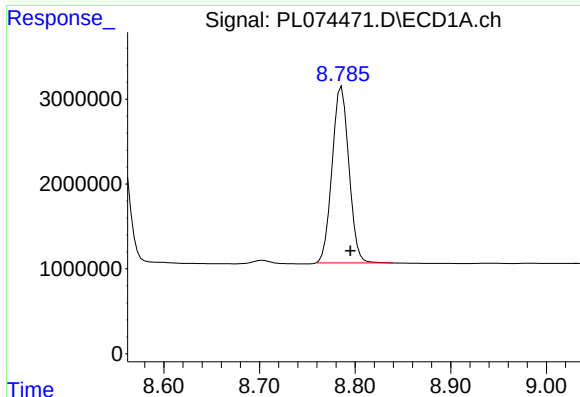
#18 Endrin aldehyde

R.T.: 8.555 min
Delta R.T.: -0.009 min
Response: 21376030
Conc: 66.07 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: -0.003 min
Response: 86168348
Conc: 66.71 ng/ml



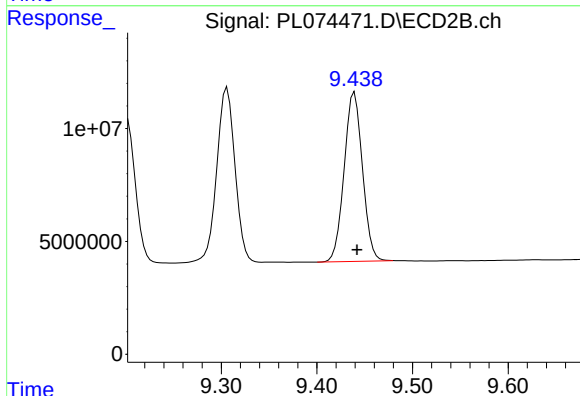
#19 Endosulfan Sulfate

R.T.: 8.786 min
Delta R.T.: -0.009 min
Response: 25301106
Conc: 59.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-3MS

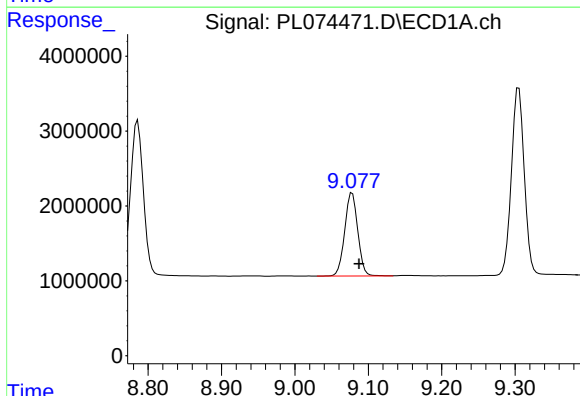
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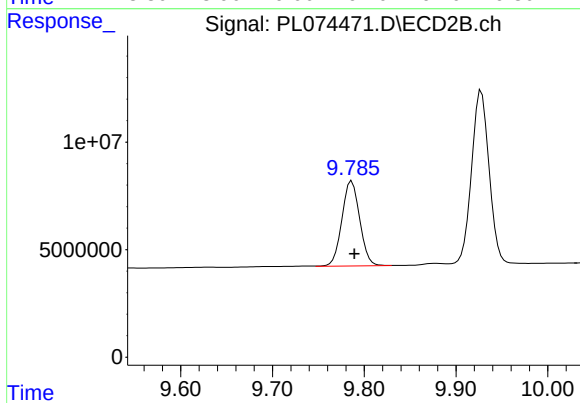
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: -0.003 min
Response: 99993640
Conc: 60.08 ng/ml



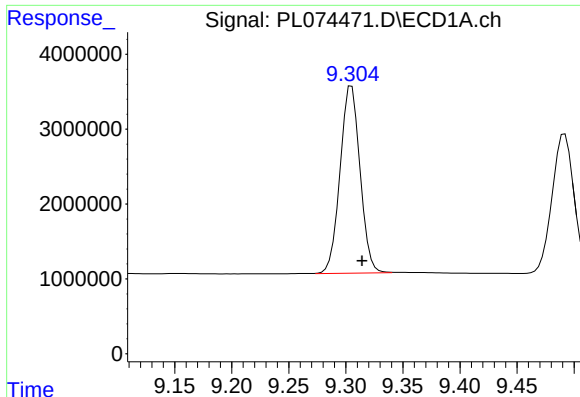
#20 Methoxychlor

R.T.: 9.078 min
Delta R.T.: -0.009 min
Response: 13754750
Conc: 55.40 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: -0.003 min
Response: 53340475
Conc: 55.46 ng/ml



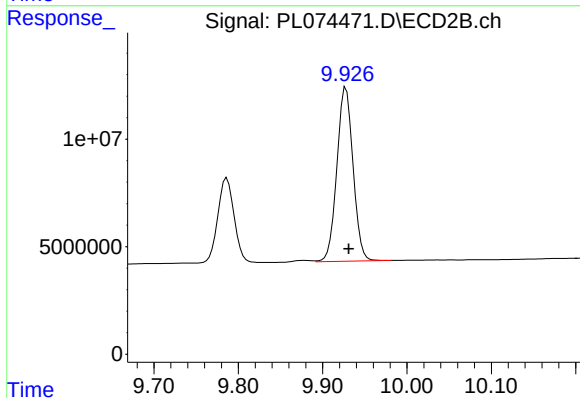
#21 Endrin ketone

R.T.: 9.304 min
Delta R.T.: -0.011 min
Response: 30444196
Conc: 62.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-3MS

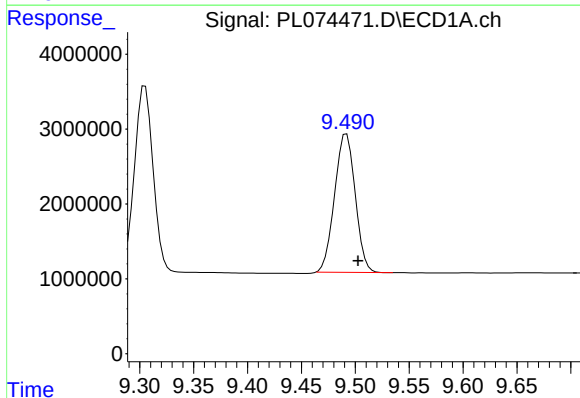
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Reviewed By :Abdul Mirza 05/03/2022
Supervised By :mohammad ahmed 05/03/2022



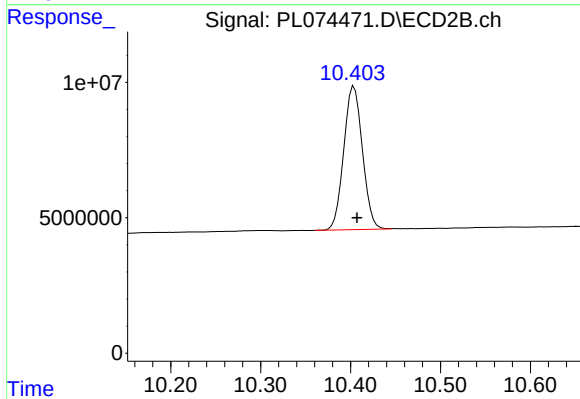
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.003 min
Response: 107871836
Conc: 62.32 ng/ml



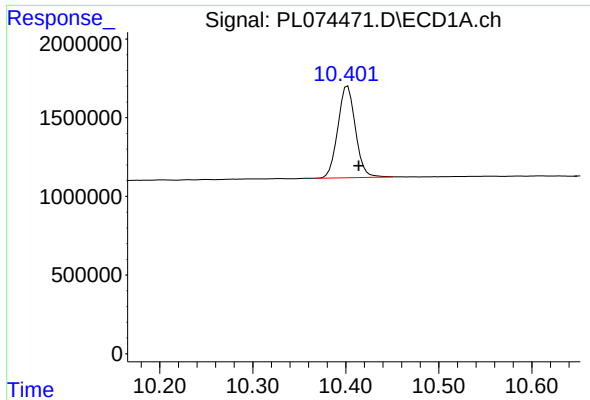
#22 Mirex

R.T.: 9.492 min
Delta R.T.: -0.011 min
Response: 24630171
Conc: 52.81 ng/ml



#22 Mirex

R.T.: 10.404 min
Delta R.T.: -0.004 min
Response: 76438402
Conc: 55.49 ng/ml



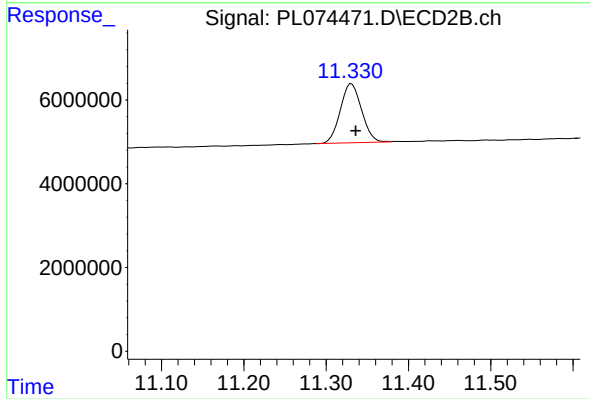
#28 Decachlorobiphenyl

R.T.: 10.401 min
Delta R.T.: -0.013 min
Response: 7649233
Conc: 14.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-3MS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 11.331 min
Delta R.T.: -0.005 min
Response: 25400143
Conc: 14.38 ng/ml